HALEY ALDRICH

www.haleyaldrich.com

PRE-DESIGN INVESTIGATION AND SATURATED SOIL AND GROUNDWATER TREATMENT DESIGN REPORT
FORMER NEW CITY LINK AUTO REPAIR SITE
547 CONEY ISLAND AVENUE AND 50 HINKLEY PLACE
BROOKLYN, NEW YORK
NYSDEC BCP SITE NO.: C224407

by
H & A of New York Engineering and Geology, LLP
New York, New York

for
New York State Department of Environmental Conservation
Albany, New York

File No. 0204391-001
July 2026

Certification

I, Suzanne M. Bell, certify that I am currently a New York State (NYS)-registered professional engineer and that this Pre-Design Investigation and Saturated Soil and Groundwater Treatment Design Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the Division of Environmental Remediation Technical Guidance for Site Investigation and Remediation (DER-10) and Green Remediation (DER-31).

I certify that all information and statements in this certification are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

NYS Professional Engineer No. 106301	July 13, 2026	
	Date	Signature

It is a violation of Article 145 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 145, New York State Education Law.

H & A OF NEW YORK ENGINEERING
AND GEOLOGY, LLP
213 West 35th Street, 7th Floor
New York, NY 10001
646.277.5685

July 13, 2026
File No. 0204391-001

New York State Department of Environmental Conservation
Remedial Bureau B, Section D
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York, 12233-7017

Attention: Yildiz Palumbo, NYSDEC Case Manager

Subject: Pre-Design Investigation and Saturated Soil and Groundwater Treatment Design Report
Former New City Link Auto Repair Site
547 Coney Island Avenue and 50 Hinkley Place
Brooklyn, New York
NYSDEC BCP Site No.: C224407

H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) is pleased to provide, on behalf of 545 Coney Island LLC, this Pre-Design Investigation and Saturated Soil and Groundwater Treatment Design Report (the "Report"), which is based on the results of the Pre-Design Investigation (PDI) performed in November 2025 and March 2026. The groundwater treatment design is to address volatile organic compound (VOC)-impacted saturated soil and groundwater at the Former New City Link Auto Repair Site located at 547 Coney Island Avenue and 50 Hinkley Place, Brooklyn, New York (the "Site").

Introduction

The owner of the Site, 545 Coney Island LLC, entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in August 2024 to investigate and remediate the approximately 19,090-square-foot (sq-ft) Site located within the Prospect Park South neighborhood of Brooklyn, New York. A Site Location Map is provided as Figure 1. The Site was assigned NYSDEC Brownfield Cleanup Program (BCP) Site No. C224407. The Site will be remediated during redevelopment of the property for use as a mixed-use residential and commercial building. In accordance with zoning, affordable housing will be included with the proposed development.

This Report is provided as a follow-up to the Remedial Action Work Plan (RAWP) submitted by Haley & Aldrich of New York on February 20, 2026, on behalf of 545 Coney Island LLC, which was approved by the NYSDEC on February 27, 2026. The RAWP summarizes the nature and extent of contamination identified during previous investigations completed at the Site between 2021 and 2025. The Decision Document (DD) for the Site was issued by the NYSDEC in February 2026 and describes the approved remedy and its requirements. One element of the RAWP and DD involves the *in situ* chemical treatment

of VOC-impacted saturated soil and groundwater through direct injection of alkaline-activated sodium persulfate. The proposed groundwater treatment area is shown in Figure 2. As required by the NYSDEC, a PDI was implemented to confirm the vertical extent of the proposed groundwater treatment area, the radius of influence (ROI) of the injections, and the final remedial design. Per the RAWP, this Report was prepared to summarize the results of the PDI and provide details on the saturated soil and groundwater treatment design, including the reagent formulation, implementation strategy, and dosage. Additionally, the results of the previous investigations that relate to the proposed treatment area are discussed below.

Previous Investigation Results

Previous investigations at the Site included the Remedial Investigation (RI) conducted between February and April 2024, and the Supplemental Remedial Investigation (SRI) conducted between December 2024 and January 2025. The June 2025 Remedial Investigation Report (RIR) and the RAWP discuss in detail the results from these investigations. The investigation borings that are located within the proposed groundwater treatment area include borings B-02 and B-03 from the RI and borings B-20, B-21, B-22, and B-23 from the SRI. The intervals between surface grade and 15 feet (ft) below grade surface (bgs) will be excavated as part of development and remedy; therefore, only intervals below 15 ft bgs will be discussed.

As shown in Figure 2, the results from the RI and SRI demonstrate that the concentrations of VOCs analyzed in the sample intervals between 15 ft bgs and 35 ft bgs were either non-detect or did not exceed the NYSDEC Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs) or the Protection of Groundwater Soil Cleanup Objectives (PGWSCOs). VOCs, including petroleum-related VOCs 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, and xylenes, among other compounds, were detected above either the PWGSCOs and/or RRSCOs in the sample intervals between 35 ft bgs and 48.5 ft bgs. Soil borings B-21 and B-22, with samples collected at the depths of 59 to 60 ft bgs and 64 to 65 ft bgs, respectively, did not exhibit exceedances of the PGWCOs and/or RRSCOs.

Furthermore, the investigation groundwater monitoring wells from the RI and SRI that are located within the proposed groundwater treatment area include MW-02, MW-03, MW-9, MW-10 (shallow, intermediate, and deep wells), MW-12 (shallow, intermediate, and deep wells), MW-14, MW-15, and MW-16 (shallow, intermediate, and deep wells). The shallow wells were screened approximately 35 to 45 ft bgs, the intermediate wells were screened approximately 45 to 55 ft bgs, and the deep wells were screened approximately 55 to 65 ft bgs. MW-2 and MW-3 were screened from approximately 30 to 50 ft bgs, and MW-14 and MW-15 were screened from approximately 35 to 45 ft bgs. Most groundwater samples analyzed from the above-mentioned wells, with the exception of MW-10D, contained at least one VOC that exceeded New York Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS). However, the samples with the highest concentrations of VOCs were generally collected from wells screened from approximately 35 to 45 ft bgs (MW-12S, MW-15, MW-14, and MW-16S) and 30 to 50 ft bgs (MW-02, MW-03, and MW-09). For example, the samples analyzed from MW-12S and MW-15 contained approximately 11,616 micrograms per liter (µg/L) and 13,778 µg/L of total VOCs, respectively.

Conversely, samples with the lowest concentrations of VOCs were generally collected from wells screened from approximately 55 to 65 ft bgs, with the exception of MW-12D. Samples analyzed from MW-10D and MW-16D contained approximately 5 µg/L and 66 µg/L of total VOCs, respectively. The sample from MW-12D contained approximately 1,326 µg/L of total VOCs. These results suggest that intervals between 30 to 50 ft bgs, which exhibited elevated concentrations of VOCs in most wells, should be targeted for groundwater treatment, and the deeper intervals of 50 to 65 ft bgs in MW-12D should be targeted for groundwater treatment.

PDI Scope of Work

In accordance with the PDI Work Plan (provided in Appendix E of the RAWP), field personnel initially mobilized to the Site to mark out sample locations on November 20, 2025. A Ground-Penetrating Radar Survey was not performed during this investigation because a survey had been completed during previous investigations. Once the sample locations were marked, all field equipment and personnel were mobilized to the Site. The drilling contractor, Coastal Environmental Solutions, Inc. (Coastal), a licensed operator, pre-cleared all locations by hand prior to advancing boring rods.

Between November 20, 2025, and March 6, 2026, six soil borings were installed to 65 ft bgs by Coastal using a sonic drilling rig (Eijkelkamp CRS-XL-140 Duo). Soils were logged continuously by a Haley & Aldrich of New York geologist using the Unified Soil Classification System. Soil samples were collected from acetate liners using a sampling spoon and placed in laboratory-provided clean bottleware. VOC grab samples were collected using Terra Cores®. Sampling methods were described in the Field Sampling Plan (FSP), provided as Appendix B of the RIR, and a Quality Assurance Project Plan (QAPP) was provided in Appendix J of the RAWP. Laboratory data were reported in the Analytical Services Protocol (ASP) Category B deliverable format. Soil boring locations are shown in Figure 2.

Samples were collected in accordance with the PDI Work Plan at the 48- to 50-ft interval, 53- to 55-ft interval, 58- to 60-ft interval, and the 63- to 65-ft interval. Soil samples were relinquished under standard chain of custody protocol and delivered via courier to Pace Analytical Services, LLC (Pace) of Westborough, Massachusetts, for analysis. Samples were analyzed for Target Compound List (TCL) VOCs using U.S. Environmental Protection Agency (USEPA) Method 8260B. Select samples were also analyzed for Soil Oxidant Demand (SOD) using American Society for Testing and Materials (ASTM) Method D2487 and porosity. A sample summary collection table is provided as Table I.

PDI Results

Below is a summary of the November 2025 and March 2026 PDI findings.

FIELD OBSERVATIONS

Based on field observations from the PDI, the northwestern area of the Site is underlain by a layer of fill material consisting of light to dark brown sand with varying amounts of silt, gravel, cobbles, brick, and asphalt. Fill extends from the surface to variable depths between 4 and 10 ft bgs in this area of the Site. The fill is underlain by a native layer consisting of brown fine to coarse sand and gravel with intermittent silt lenses extending down to the terminus at 65 ft bgs. No visual subsurface impacts were observed

during the investigation. The following photoionization detector (PID) readings were noted in soil boring intervals deeper than 15 ft bgs, since the above intervals will be removed during excavation:

- In PDI-1, PID readings ranged from 5.5 to 1,531 parts per million (ppm) at 30 to 65 ft bgs. No odors were noted.
- In PDI-2, PID readings ranged from 2.8 to 1,072 ppm at 40 to 65 ft bgs, and a petroleum-like odor was observed between 40 and 65 ft bgs.
- In PDI-3, PID readings ranged from 2.2 to 145 ppm at 15 to 20 ft bgs and from 7.7 to 1,608 ppm at 40 to 65 ft bgs. A petroleum-like odor was observed between 35 and 65 ft bgs.
- In PDI-4, PID readings ranged from 0.9 to 15.6 ppm at 29 to 30 ft bgs, 40 to 50 ft bgs, and 60 to 65 ft bgs. A slight petroleum-like odor was observed at 40 to 47 ft bgs.
- In PDI-5, PID readings ranged from 0.6 to 959.2 ppm at 40 to 65 ft bgs, and a petroleum-like odor was observed at 40 to 60 ft bgs.
- In PDI-6, PID readings ranged from 16.2 to 774.9 ppm at 40 to 62 ft bgs, and a petroleum-like odor was observed at 40 to 60 ft bgs.

In general, the highest PID readings and petroleum-like odors were noted during the 35- to 65-ft intervals. Groundwater was encountered at depths ranging from 28 to 32 ft bgs. Soil boring logs are included in Attachment A, and daily field reports are included in Attachment B.

SOIL SAMPLING RESULTS

Soil analytical results were compared to NYSDEC 6 NYCRR Part 375 PGWSCOs and RRSCOs. Table II summarizes VOC analytical results from the PDI soil sampling event. Table III summarizes RI and SRI analytical results, and Figure 2 includes RI, SRI, and PDI soil boring locations and a summary of VOCs that exceed the respective standards.

VOLATILE ORGANIC COMPOUNDS

The compound 1,2,4-trimethylbenzene was detected exceeding its PGWSCO and/or RRSCO in PDI-1_53-55, PDI-3_48-50, and PDI-6_48-50 at a maximum concentration of 160 milligrams per kilogram (mg/kg). The compound 1,3,5-trimethylbenzene was detected exceeding its PGWSCO in PDI-1_53-55, PDI-3_48-50, and PDI-6_48-50 at a maximum concentration of 48 mg/kg. Ethylbenzene was detected exceeding its PGWSCO and/or RRSCO in PDI-1_53-55, PDI-3_48-50, PDI-5_48-50, and PDI-6_48-50 at a maximum concentration of 86 mg/kg. Naphthalene was detected exceeding its PGWSCO in PDI-1_53-55, PDI-3_48-50, and PDI-6_48-50 at a maximum concentration of 29 mg/kg. n-Propylbenzene was detected exceeding its PGWSCO in PDI-1_53-55, PDI-3_48-50, PDI-6_48-50 at a maximum concentration of 36 mg/kg. Total xylenes were detected exceeding the PGWSCO in PDI-1_53-55, PDI-3_48-50, PDI-3_53-55, PDI-3_58-60, PDI-5_48-50, and PDI-6_48-50 at a maximum concentration of 90 mg/kg.

In summary, samples collected from the shallow intervals (35 to 50 ft bgs) during the PDI exceeded either the PGWSCO and/or RRSCO in at least one sample in each boring, with the exception of PDI-1, PDI-2, and PDI-4. However, nearby borings from previous investigations also exceeded either the PGWSCO and/or RRSCO in at least one sample within this interval. Samples collected from deeper

intervals (50 to 60 ft bgs) during the PDI exceeded either the PGWSCO and/or RRSCO in borings PDI-1 and PDI-3. VOCs did not exceed the PGWSCOs or RRSCOs in any of the samples collected from 63 to 65 ft bgs. This suggests that groundwater treatment should be applied uniformly across the shallow intervals (35 to 50 ft bgs) and in the deep intervals (50 to 60 ft bgs) at the locations of PDI-1, PDI-3, and PDI-5.

POROSITY AND SOIL OXIDANT DEMAND

Samples PDI-1_52-55 and PDI-6_53-55 were analyzed by PRIMA Environmental, Inc. for SOD using ASTM Method D2487. Soil samples were added to three bottles containing a 1:1 ratio of soil to sodium persulfate solution, with each bottle containing a different initial concentration of sodium persulfate. Bottles were capped and placed on a shaker. After three days, the amount of sodium persulfate remaining in the water phase was measured using the FAS/$KMnO_4$ titration method. The SOD is the difference between the final and initial concentrations of sodium persulfate in the water. The results of the test are provided below:

- PDI-1_52-55
  - For an initial sodium persulfate concentration of 4.5 grams per liter (g/L), the 72-hour SOD was 4.5 grams (g) of sodium persulfate per kilogram (kg) of soil
  - For an initial sodium persulfate concentration of 13 g/L, the 72-hour SOD was 9.5 g of sodium persulfate per kg of soil
  - For an initial sodium persulfate concentration of 29 g/L, the 72-hour SOD was 17 g of sodium persulfate per kg of soil
- PDI-6_53-55
  - For an initial sodium persulfate concentration of 4.5 g/L, the 72-hour SOD was 4.5 g of sodium persulfate per kg of soil
  - For an initial sodium persulfate concentration of 13 g/L, the 72-hour SOD was 7.4 g of sodium persulfate per kg of soil
  - For an initial sodium persulfate concentration of 29 g/L, the 72-hour SOD was 12 g of sodium persulfate per kg of soil

Sample PDI-1_52-55 was also analyzed by GeoTesting Express for the dry bulk density and porosity. The results of the test are provided below:

- Dry bulk density: 114.50 pounds per cubic foot (lb/ft^3)
- Porosity: 0.32

DATA VALIDATION

Category B laboratory reports for all soil samples are included as part of this memo in Attachment C. The Data Usability Summary Reports (DUSRs) and electronic data deliverable submission are included in Attachment D.

Remediation Design

The proposed *in situ* treatment of VOC-impacted soil and groundwater is through a combination of sodium persulfate and sodium hydroxide. The alkaline-activated sodium persulfate will be injected as a soluble solution from approximately 30 to 65 ft bgs in five select locations that exhibited elevated concentrations in both shallow and deep intervals and from approximately 30 to 50 ft bgs in the remaining eight locations that only exhibited elevated concentrations in shallow intervals. These intervals were chosen based on the groundwater and soil analytical results from the RI, SRI, and PDI as discussed above.

The soluble solution will be injected via direct-push techniques using temporary points. Based on an estimated ROI of 9 ft, up to 13 injection locations in total will be needed to emplace the remedial amendments in the subsurface and treat approximately 3,700 sq ft of impacted soil and groundwater (see Figure 3). The Safety Data Sheet for the amendment is provided in Attachment E. The full calculations for the amendment volumes are provided in Attachment F and summarized below. The proposed injection point plan, as well as corresponding intervals, is shown in Figure 3.

The calculations are based on conservative assumptions for porosity, sand content, oxidant demand, and related subsurface parameters to provide (i) a protective estimate of reagent requirements, (ii) an expected radius of influence, and (iii) a margin of safety for site variability and uncertainty in subsurface conditions.

Parameters	Design Results
Injection Area	3,700 sq ft
Vertical Treatment Zone	30 to 65 ft bgs (five select points) / 30 to 50 ft bgs (remaining eight points)
Mass of Sodium Persulfate ($Na_2S_2O_8$)	20,900 lbs
Volume of 12% Sodium Hydroxide (NaOH) solution	Approximately 3,600 gallons
NaOH: $Na_2S_2O_8$ (Molar ratio)	Approximately 2.7:1
Injection Volume	17,000 to 28,000 gallons
Target Sodium Persulfate ($Na_2S_2O_8$) dosage	10 to 15 percent

The mass of sodium persulfate required was calculated using the area, vertical treatment zone, porosity, and target pore volume application of 5 percent, which accounts for Site geology, target concentrations of oxidant in the groundwater, and practical applicability. The amount of sodium hydroxide was calculated based on the stoichiometric molar ratio of approximately 2.7:1 of sodium hydroxide to sodium persulfate required (see Attachment F for calculations). The calculated mass and volumes were rounded up per vendor packaging amounts.

The ROI of approximately 9 ft was calculated using the anticipated volume of the amendment and the results from the porosity analysis. While a SOD analysis was also performed, the results demonstrated that the oxidant demand density would not have a significant impact on the longevity of the amendment.

The equation for ROI is provided below:

$$r = \sqrt{\frac{V}{n\pi b}}$$

Where:

- r is the radius of influence (ft)
- V is the volume of amendment (cubic ft)
- n is the porosity
- b is the vertical treatment zone (ft)

The ROI may vary from the design assumptions based on field conditions observed during implementation. It should be noted that the Site geology consists of sand and gravel from 30 to 65 ft bgs and can allow for a larger ROI than the calculated ROI.

At this time, one injection event is proposed due to the Track 2 remedial objectives for the Site and the concurrent construction activities and building development. Temporary injection points will be properly abandoned via bentonite following the injection event. If post-remediation groundwater monitoring results indicate off-Site migration of groundwater contamination, additional injection events may be conducted in the sidewalk, if feasible, under an NYSDEC-approved Site Management Plan (SMP) in accordance with NYSDEC Division of Environmental Remediation (DER)-10 Section 4.1(d)4.ii(2).

Chemical Storage

The amendments, including caustics and oxidizers, will be delivered and stored in accordance with Fire Department of New York (FDNY) requirements and managed in accordance with the Safety Data Sheets (SDSs). A total of three deliveries are planned to limit the volume of amendments that will be stored on the Site at one time. An Engineering Application was filed with the FDNY to obtain a permit for temporary storage and use of the oxidants associated with the injections. The amendments will be stored in a temporary staging area immediately south of the proposed injection area. The chemical staging area will be secured, marked with appropriate signage, and limited to contractor personnel who are performing the injections. Chemical storage controls will include maintaining SDSs on Site, labeling containers, storing on secondary containment pads, and securing stored materials prior to injections.

Post Remedy Monitoring

As noted in the DD, “monitoring will be required up-gradient, down-gradient, within the treatment zone for VOCs, dissolved oxygen (DO) and oxidation/reduction potential (ORP).” Following the injection event, five co-located pairs of new monitoring wells will be installed upgradient, downgradient, and within the treatment area, and will be sampled and analyzed for VOCs, DO, and ORP. These permanent monitoring wells will be individual wells screened at different intervals: 30 to 45 ft bgs and 45 to 60 ft bgs. Approximate monitoring well locations are shown on Figure 4 (PRMW-01 through PRMW-05). The monitoring well locations shown in Figure 4 are either in hallways, in a utility room, or in the sidewalk.

As the primary use of the cellar encompassing the area targeted for groundwater treatment is for apartments, the availability of monitoring well locations is limited to those spaces.

Consistent with NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation, dated May 2010, the *in situ* treatment performance will be evaluated by comparing baseline (i.e., pre-injection groundwater data from the RI) and post-injection groundwater data to determine whether a bulk reduction of groundwater contamination has been achieved. In addition, these results will take into consideration the amount of source material removed via excavation and the other engineering controls to be installed as part of the overall remedy. Additional details on the monitoring of groundwater post-injection, including a schedule of monitoring and frequency of submittals to NYSDEC, will be provided in the SMP.

Conclusion

As described above, the remediation design was prepared to address soil and groundwater impacts at the Site based on the results of the RI, SRI, PDI, and the current redevelopment plan. The initial 15 ft of soil in the vadose zone will be removed during redevelopment and therefore does not require *in situ* treatment. VOCs in the saturated zone will be addressed via temporary injection points using alkaline-activated sodium persulfate and direct-push techniques. Injections will be completed from approximately 30 to 65 ft bgs in select locations based on groundwater and soil analytical results from previous investigations, and from 30 to 50 ft bgs at the remaining locations within the treatment area. After the initial event, the temporary points will be properly abandoned to facilitate development. Permanent monitoring wells will be installed post-injections, and samples from these locations will be collected to evaluate the results of the *in situ* treatment. Additional treatment, as necessary based on the results of the initial treatment, may be completed under the SMP.

However, it is noted that after the completion of the building, portions of the treatment area may not be available or feasible for reinjection. Any future injections would be limited to the proposed monitoring wells, which may also be infeasible based on the available space and use. This saturated soil and groundwater treatment design is intended to reduce concentrations over time, and these will be monitored using the proposed monitoring wells under the SMP.

The injections described above will be scheduled upon regulatory approval of this Report and contractor availability. The exact schedule for implementation cannot be determined at this time, as the contractors will not schedule this work or order the required amendments without approval of this Report. After approval of this Report, Haley & Aldrich of New York will notify the NYSDEC of the final schedule. Once the amendments are delivered, it is estimated that the injections will take two weeks to complete. The monitoring wells will be installed after the injections and prior to completion of the cellar slab. Post-injection monitoring will commence upon completion of the Remedial Action.

Please contact the undersigned if you have any questions.

Sincerely yours,
H & A OF NEW YORK ENGINEERING AND GEOLOGY, LLP

Matthew D. Forshay, P.E.
Senior Technical Specialist

Zachary P. Simmel
Project Manager

Suzanne M. Bell, P.E.
Senior Associate

James M. Bellew
Principal

Enclosures:

- Table I – Sample Collection Summary
- Table II – PDI Analytical Results
- Table III – RI and SRI Analytical Results
- Figure 1 – Project Locus
- Figure 2 – PDI Sample Locations and Results Map
- Figure 3 – Proposed Groundwater Treatment Plan and Proposed Monitoring Wells
- Figure 4 – Post-Remediation Groundwater Monitoring Well Location Plan
- Attachment A – PDI Soil Boring Logs
- Attachment B – Daily Field Reports
- Attachment C – Pace Laboratory Reports
- Attachment D – DUSR and Electronic Data Deliverable Submission Confirmation
- Attachment E – Safety Data Sheets for Amendment
- Attachment F – Injection Amendment Calculations

C: 545 Coney Island LLC; c/o Zelig Weiss

\\haleyaldrich.com\share\CF\Projects\0204391\Deliverables\16. NYSDEC PDI Report\PDI and ISCO Design Report\2026-0713_HANY_547Coney_RemediationDesignMemo_F.docx

TABLES

TABLE I
SAMPLE COLLECTION SUMMARY
547 CONEY ISLAND AVENUE AND 50 HINCKLEY PLACE
BROOKLYN, NEW YORK

Boring Number	Sample Date	Sample Depth	Rationale	Target Compound List VOCs (8260B)	Soil Oxygen Demand	Porosity
SOIL						
PDI-1	11/20/2025	48-50'	Vertical Delineation	X		
	11/20/2025	50-52'	Vertical Delineation			X
	11/20/2025	52-54'	Vertical Delineation		X	
	11/20/2025	53-55'	Vertical Delineation	X		
	11/20/2025	58-60'	Vertical Delineation	X		
	11/20/2025	63-65'	Vertical Delineation	X		
PDI-2	11/21/2025	48-50'	Vertical Delineation	X		
	11/21/2025	53-55'	Vertical Delineation	X		
	11/21/2025	58-60'	Vertical Delineation	X		
	11/21/2025	63-65'	Vertical Delineation	X		
PDI-3	3/6/2026	48-50'	Vertical Delineation	X		
	3/6/2026	53-55'	Vertical Delineation	X		
	3/6/2026	58-60'	Vertical Delineation	X		
	3/6/2026	63-65'	Vertical Delineation	X		
PDI-4	3/6/2026	48-50'	Vertical Delineation	X		
	3/6/2026	53-55'	Vertical Delineation	X		
	3/6/2026	58-60'	Vertical Delineation	X		
	3/6/2026	63-65'	Vertical Delineation	X		
PDI-5	11/20/2025	48-50'	Vertical Delineation	X		
	11/20/2025	53-55'	Vertical Delineation	X		
	11/20/2025	58-60'	Vertical Delineation	X		
	11/20/2025	63-65'	Vertical Delineation	X		
PDI-6	11/21/2025	48-50'	Vertical Delineation	X		
	11/21/2025	53-55'	Vertical Delineation	X	X	
	11/21/2025	58-60'	Vertical Delineation	X		
	11/21/2025	63-65'	Vertical Delineation	X		
TripBlank_20251120	11/20/2025	-	Trip Blank	X		
TripBlank_20251121	11/21/2025	-	Trip Blank	X		
DUP-01_20251120	11/20/2025	48-50' (Parent Sample PDI-1_48-50')	Duplicate			
FieldBlank_20251120	11/20/2025	-	Field Blank	X		
TripBlank_20260306	3/6/2026	-	Trip Blank	X		
-	3/6/2026	58-60' (Parent Sample PDI-3_58-60')	MS/MDS	X		

Notes:
VOCs - Volatile Organic Compounds

QA/QC samples include:
Trip Blanks - 1 per cooler of samples to be analyzed for VOCs

TABLE II
PDI ANALYTICAL RESULTS
547 CONEY ISLAND AVENUE AND 50 HINCKLEY PLACE
BROOKLYN, NEW YORK

	Criteria					
Location Name			PDI-1	PDI-1	PDI-1	PDI-1
Sample Name	Restricted Use Soil Cleanup Objectives - Protection of Groundwater 2025	NY Part 375 Restricted Residential Use Soil Cleanup Objectives 2025	PDI-1_48-50_20251120	DUP-01_20251120	PDI-1_53-55_20251120	PDI-1_63-65_20251120
Sample Date			11/20/2025	11/20/2025	11/20/2025	11/20/2025
Lab Sample ID			L2574258-03	L2574258-04	L2574258-05	L2574258-07
Sample Depth (bgs)			48 - 50 (ft)	48 - 50 (ft)	53 - 55 (ft)	53 - 65 (ft)
Volatile Organic Compounds (mg/kg)						
1,1,1,2-Tetrachloroethane	NA	NA	ND (0.00051)	ND (0.0005)	ND (0.14)	ND (0.00051)
1,1,1-Trichloroethane	0.68	100	ND (0.00051)	ND (0.0005)	ND (0.14)	ND (0.00051)
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.00051)	ND (0.0005)	ND (0.14)	ND (0.00051)
1,1,2-Trichloroethane	NA	NA	ND (0.001)	ND (0.00099)	ND (0.29)	ND (0.001)
1,1-Dichloroethane	0.27	47	ND (0.001)	ND (0.00099)	ND (0.29)	ND (0.001)
1,1-Dichloroethene	0.33	0.98	ND (0.001)	ND (0.00099)	ND (0.29)	ND (0.001) J
1,1-Dichloropropene	NA	NA	ND (0.00051)	ND (0.0005)	ND (0.14)	ND (0.00051)
1,2,3-Trichlorobenzene	NA	NA	ND (0.002)	ND (0.002)	ND (0.58)	ND (0.002)
1,2,3-Trichloropropane	NA	NA	ND (0.002)	ND (0.002)	ND (0.58)	ND (0.002)
1,2,4,5-Tetramethylbenzene	NA	NA	0.056	0.056	18	0.0007 J
1,2,4-Trichlorobenzene	NA	NA	ND (0.002)	ND (0.002)	ND (0.58)	ND (0.002)
1,2,4-Trimethylbenzene	5.9	100	0.12	0.14	***120***	0.0028
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.003)	ND (0.003)	ND (0.86)	ND (0.003)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.001)	ND (0.00099)	ND (0.29)	ND (0.001)
1,2-Dichlorobenzene	1.1	100	ND (0.002)	ND (0.002)	ND (0.58)	ND (0.002)
1,2-Dichloroethane	0.02	5.8	ND (0.001)	ND (0.00099)	ND (0.29)	ND (0.001)
1,2-Dichloroethene (total)	NA	NA	ND (0.001)	ND (0.00099)	ND (0.058)	ND (0.001)
1,2-Dichloropropane	NA	NA	ND (0.001)	ND (0.00099)	ND (0.29)	ND (0.001)
1,3,5-Trimethylbenzene	3.1	100	0.031 J	0.053 J	***30***	0.00091 J
1,3-Dichlorobenzene	2.6	38	ND (0.002)	ND (0.002)	ND (0.58)	ND (0.002)
1,3-Dichloropropane	NA	NA	ND (0.002)	ND (0.002)	ND (0.58)	ND (0.002)
1,3-Dichloropropene	NA	NA	ND (0.00051)	ND (0.0005)	ND (0.029)	ND (0.00051)
1,4-Dichlorobenzene	1.8	24	ND (0.002)	ND (0.002)	ND (0.58)	ND (0.002)
1,4-Diethylbenzene	NA	NA	0.024 J	0.081 J	8.1	0.0015 J
1,4-Dioxane	0.1	5.7	ND (0.081)	ND (0.079)	ND (23)	ND (0.081)
2,2-Dichloropropane	NA	NA	ND (0.002)	ND (0.002)	ND (0.58)	ND (0.002)
2-Butanone (Methyl Ethyl Ketone)	0.1	100	ND (0.01)	ND (0.0099)	ND (2.9)	ND (0.01)
2-Chlorotoluene	NA	NA	ND (0.002)	ND (0.002)	ND (0.58)	ND (0.002)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.01)	ND (0.0099)	ND (2.9)	ND (0.01)
2-Phenylbutane (sec-Butylbenzene)	25	100	0.014 J	0.11 J	3.8	0.00054 J
4-Chlorotoluene	NA	NA	ND (0.002)	ND (0.002)	ND (0.58)	ND (0.002)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	0.038 J	0.11 J	42	0.0009 J
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.01)	ND (0.0099)	ND (2.9)	ND (0.01)
Acetone	0.03	100	0.011 J	ND (0.0099)	***4.6***	ND (0.01)
Acrylonitrile	NA	NA	ND (0.004)	ND (0.004)	ND (1.2)	ND (0.0041)
Benzene	0.06	3.7	ND (0.00051)	ND (0.0005)	ND (0.14)	ND (0.00051)
Bromobenzene	NA	NA	ND (0.002)	ND (0.002)	ND (0.58)	ND (0.002)
Bromodichloromethane	NA	NA	ND (0.00051)	ND (0.0005)	ND (0.14)	ND (0.00051)
Bromoform	NA	NA	ND (0.004)	ND (0.004)	ND (1.2)	ND (0.0041)
Bromomethane (Methyl Bromide)	NA	NA	ND (0.002)	ND (0.002)	ND (0.58)	ND (0.002) J
Carbon disulfide	NA	NA	ND (0.01)	ND (0.0099)	ND (2.9)	ND (0.01)
Carbon tetrachloride	0.76	7.1	ND (0.001)	ND (0.00099)	ND (0.29)	ND (0.001)
Chlorobenzene	4.5	100	ND (0.00051)	ND (0.0005)	ND (0.14)	ND (0.00051)
Chlorobromomethane	NA	NA	ND (0.002)	ND (0.002)	ND (0.58)	ND (0.002)
Chloroethane	NA	NA	ND (0.002)	ND (0.002)	ND (0.58)	ND (0.002)
Chloroform (Trichloromethane)	0.37	24	ND (0.0015)	ND (0.0015)	ND (0.43)	ND (0.0015)
Chloromethane (Methyl Chloride)	NA	NA	ND (0.004)	ND (0.004)	ND (1.2)	ND (0.0041)
cis-1,2-Dichloroethene	0.19	41	ND (0.001)	ND (0.00099)	ND (0.29)	ND (0.001)
cis-1,3-Dichloropropene	NA	NA	ND (0.00051)	ND (0.0005)	ND (0.14)	ND (0.00051)
Cymene (p-Isopropyltoluene)	NA	NA	0.027 J	0.14 J	5.2	0.00058 J
Dibromochloromethane	NA	NA	ND (0.001)	ND (0.00099)	ND (0.29)	ND (0.001)
Dibromomethane	NA	NA	ND (0.002)	ND (0.002)	ND (0.58)	ND (0.002)
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.01)	ND (0.0099)	ND (2.9)	ND (0.01)
Ethyl Ether	NA	NA	ND (0.002)	ND (0.002)	ND (0.58)	ND (0.002)
Ethylbenzene	1	76	0.011	0.044 J	***38***	0.00064 J
Hexachlorobutadiene	NA	NA	ND (0.004)	ND (0.004)	ND (1.2)	ND (0.0041)
Isopropylbenzene (Cumene)	NA	NA	0.018	0.098	9	0.00042 J
m,p-Xylenes	NA	NA	0.013 J	0.031 J	38	ND (0.002)
Methyl Tert Butyl Ether (MTBE)	0.1	100	ND (0.002)	ND (0.002)	ND (0.58)	ND (0.002)
Methylene chloride (Dichloromethane)	0.05	81	ND (0.0051)	ND (0.005)	ND (1.4)	ND (0.0051)
Naphthalene	12	100	0.023 J	0.0054 J	***25***	ND (0.0041)
n-Butylbenzene	18	100	0.015 J	0.086 J	9.2	0.00041 J
n-Propylbenzene	5	100	0.031	0.18	***22***	0.00078 J
o-Xylene	NA	NA	0.0006 J	0.0044 J	0.4	ND (0.001)
Styrene	NA	NA	ND (0.001)	ND (0.00099)	ND (0.29)	ND (0.001)
tert-Butylbenzene	11	100	0.0024 J	0.029 J	0.42 J	ND (0.002)
Tetrachloroethene	1.3	18	ND (0.00051)	ND (0.0005)	ND (0.14)	ND (0.00051)
Toluene	0.7	100	ND (0.001)	ND (0.00099)	ND (0.29)	ND (0.001)
trans-1,2-Dichloroethene	0.19	100	ND (0.0015)	ND (0.0015)	ND (0.43)	ND (0.0015)
trans-1,3-Dichloropropene	NA	NA	ND (0.001)	ND (0.00099)	ND (0.29)	ND (0.001)
trans-1,4-Dichloro-2-butene	NA	NA	ND (0.0051)	ND (0.005)	ND (1.4)	ND (0.0051)
Trichloroethene	0.47	6.4	ND (0.00051)	ND (0.0005)	ND (0.14)	ND (0.00051)
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.004)	ND (0.004)	ND (1.2)	ND (0.0041)
Vinyl acetate	NA	NA	ND (0.01)	ND (0.0099)	ND (2.9)	ND (0.01)
Vinyl chloride	0.03	0.48	ND (0.001)	ND (0.00099)	ND (0.29)	ND (0.001) J
Xylene (Total)	1.2	100	0.014 J	0.035 J	***38***	ND (0.001)
Other						
Total Solids (%)	NA	NA	82.6	87.6	-	90.5

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated
J+: Value is estimated, high bias
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Restricted-Use Residential SCOs, and Protection of Groundwater SCOs.
*- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.*
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

TABLE II
PDI ANALYTICAL RESULTS
547 CONEY ISLAND AVENUE AND 50 HINCKLEY PLACE
BROOKLYN, NEW YORK

Location Name	Criteria		PDI-1	PDI-2	PDI-2	PDI-2
Sample Name	Restricted Use Soil Cleanup Objectives - Protection of Groundwater 2025	NY Part 375 Restricted Residential Use Soil Cleanup Objectives 2025	PDI-1_58-60_20251120	PDI-2_48-50_20251121	PDI-2_53-55_20251121	PDI-2_58-60_20251121
Sample Date			11/20/2025	11/21/2025	11/21/2025	11/21/2025
Lab Sample ID			L2574258-06	L2574764-02	L2574764-03	L2574764-04
Sample Depth (bgs)			58 - 60 (ft)	48 - 50 (ft)	53 - 55 (ft)	58 - 60 (ft)
Volatile Organic Compounds (mg/kg)						
1,1,1,2-Tetrachloroethane	NA	NA	ND (0.00049)	ND (0.032)	ND (0.031)	ND (0.00084)
1,1,1-Trichloroethane	0.68	100	ND (0.00049)	ND (0.032)	ND (0.031)	ND (0.00084)
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.00049)	ND (0.032)	ND (0.031)	ND (0.00084)
1,1,2-Trichloroethane	NA	NA	ND (0.00099)	ND (0.065)	ND (0.063)	ND (0.0017)
1,1-Dichloroethane	0.27	47	ND (0.00099)	ND (0.065)	ND (0.063)	ND (0.0017)
1,1-Dichloroethene	0.33	0.98	ND (0.00099) J	ND (0.065)	ND (0.063)	ND (0.0017)
1,1-Dichloropropene	NA	NA	ND (0.00049)	ND (0.032)	ND (0.031)	ND (0.00084)
1,2,3-Trichlorobenzene	NA	NA	ND (0.002)	ND (0.13)	ND (0.12)	ND (0.0034)
1,2,3-Trichloropropane	NA	NA	ND (0.002)	ND (0.13)	ND (0.12)	ND (0.0034)
1,2,4,5-Tetramethylbenzene	NA	NA	0.0012 J	1.4	0.017 J	0.0051
1,2,4-Trichlorobenzene	NA	NA	ND (0.002)	ND (0.13)	ND (0.12)	ND (0.0034)
1,2,4-Trimethylbenzene	5.9	100	0.0031	0.12 J	0.065 J	0.028
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.003)	ND (0.19)	ND (0.19)	ND (0.0051)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.00099)	ND (0.065)	ND (0.063)	ND (0.0017)
1,2-Dichlorobenzene	1.1	100	ND (0.002)	ND (0.13)	ND (0.12)	ND (0.0034)
1,2-Dichloroethane	0.02	5.8	ND (0.00099)	ND (0.065)	ND (0.063)	ND (0.0017)
1,2-Dichloroethene (total)	NA	NA	ND (0.00099)	ND (0.065)	ND (0.063)	ND (0.0017)
1,2-Dichloropropane	NA	NA	ND (0.00099)	ND (0.065)	ND (0.063)	ND (0.0017)
1,3,5-Trimethylbenzene	3.1	100	0.00085 J	0.11 J	0.028 J	0.0061
1,3-Dichlorobenzene	2.6	38	ND (0.002)	ND (0.13)	ND (0.12)	ND (0.0034)
1,3-Dichloropropane	NA	NA	ND (0.002)	ND (0.13)	ND (0.12)	ND (0.0034)
1,3-Dichloropropene	NA	NA	ND (0.00049)	ND (0.032)	ND (0.031)	ND (0.00084)
1,4-Dichlorobenzene	1.8	24	ND (0.002)	ND (0.13)	ND (0.12)	ND (0.0034)
1,4-Diethylbenzene	NA	NA	0.00059 J	0.88	ND (0.12)	0.0022 J
1,4-Dioxane	0.1	5.7	ND (0.079)	ND (5.2)	ND (5)	ND (0.14)
2,2-Dichloropropane	NA	NA	ND (0.002)	ND (0.13)	ND (0.12)	ND (0.0034)
2-Butanone (Methyl Ethyl Ketone)	0.1	100	ND (0.0099)	ND (0.65)	ND (0.63)	ND (0.017)
2-Chlorotoluene	NA	NA	ND (0.002)	ND (0.13)	ND (0.12)	ND (0.0034)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.0099)	ND (0.65)	ND (0.63)	ND (0.017)
2-Phenylbutane (sec-Butylbenzene)	25	100	0.00089 J	0.59	0.03 J	0.0035
4-Chlorotoluene	NA	NA	ND (0.002)	ND (0.13)	ND (0.12)	ND (0.0034)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	0.001 J	0.42	ND (0.12)	0.0078
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.0099)	ND (0.65)	ND (0.63)	ND (0.017)
Acetone	0.03	100	ND (0.0099)	ND (0.65)	ND (0.63)	ND (0.017)
Acrylonitrile	NA	NA	ND (0.0039)	ND (0.26)	ND (0.25)	ND (0.0068)
Benzene	0.06	3.7	ND (0.00049)	ND (0.032)	ND (0.031)	ND (0.00084)
Bromobenzene	NA	NA	ND (0.002)	ND (0.13)	ND (0.12)	ND (0.0034)
Bromodichloromethane	NA	NA	ND (0.00049)	ND (0.032)	ND (0.031)	ND (0.00084)
Bromoform	NA	NA	ND (0.0039)	ND (0.26)	ND (0.25)	ND (0.0068)
Bromomethane (Methyl Bromide)	NA	NA	ND (0.002) J	ND (0.13)	ND (0.12)	ND (0.0034)
Carbon disulfide	NA	NA	ND (0.0099)	ND (0.65)	ND (0.63)	ND (0.017)
Carbon tetrachloride	0.76	7.1	ND (0.00099)	ND (0.065)	ND (0.063)	ND (0.0017)
Chlorobenzene	4.5	100	ND (0.00049)	ND (0.032)	ND (0.031)	ND (0.00084)
Chlorobromomethane	NA	NA	ND (0.002)	ND (0.13)	ND (0.12)	ND (0.0034)
Chloroethane	NA	NA	ND (0.002)	ND (0.13)	ND (0.12)	ND (0.0034)
Chloroform (Trichloromethane)	0.37	24	ND (0.0015)	ND (0.097)	ND (0.094)	ND (0.0025)
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0039)	ND (0.26)	ND (0.25)	ND (0.0068)
cis-1,2-Dichloroethene	0.19	41	ND (0.00099)	ND (0.065)	ND (0.063)	ND (0.0017)
cis-1,3-Dichloropropene	NA	NA	ND (0.00049)	ND (0.032)	ND (0.031)	ND (0.00084)
Cymene (p-Isopropyltoluene)	NA	NA	0.00047 J	0.54	ND (0.063)	0.0029
Dibromochloromethane	NA	NA	ND (0.00099)	ND (0.065)	ND (0.063)	ND (0.0017)
Dibromomethane	NA	NA	ND (0.002)	ND (0.13)	ND (0.12)	ND (0.0034)
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.0099)	ND (0.65)	ND (0.63)	ND (0.017)
Ethyl Ether	NA	NA	ND (0.002)	ND (0.13)	ND (0.12)	ND (0.0034)
Ethylbenzene	1	76	0.00078 J	0.023 J	0.022 J	0.0053
Hexachlorobutadiene	NA	NA	ND (0.0039)	ND (0.26)	ND (0.25)	ND (0.0068)
Isopropylbenzene (Cumene)	NA	NA	0.00068 J	1.1	0.013 J	0.0021
m,p-Xylenes	NA	NA	0.00065 J	ND (0.13)	ND (0.12)	0.0085
Methyl Tert Butyl Ether (MTBE)	0.1	100	ND (0.002)	ND (0.13)	ND (0.12)	ND (0.0034)
Methylene chloride (Dichloromethane)	0.05	81	ND (0.0049)	ND (0.32)	ND (0.31)	ND (0.0084)
Naphthalene	12	100	0.00086 J	0.088 J	0.071 J	0.0049 J
n-Butylbenzene	18	100	0.00061 J	1.2	ND (0.063)	0.0056
n-Propylbenzene	5	100	0.0011	2.1	ND (0.063)	0.0045
o-Xylene	NA	NA	ND (0.00099)	ND (0.065)	ND (0.063)	ND (0.0017)
Styrene	NA	NA	ND (0.00099)	ND (0.065)	ND (0.063)	ND (0.0017)
tert-Butylbenzene	11	100	0.00013 J	0.091 J	ND (0.12)	0.0003 J
Tetrachloroethene	1.3	18	ND (0.00049)	ND (0.032)	ND (0.031)	ND (0.00084)
Toluene	0.7	100	ND (0.00099)	ND (0.065)	ND (0.063)	ND (0.0017)
trans-1,2-Dichloroethene	0.19	100	ND (0.0015)	ND (0.097)	ND (0.094)	ND (0.0025)
trans-1,3-Dichloropropene	NA	NA	ND (0.00099)	ND (0.065)	ND (0.063)	ND (0.0017)
trans-1,4-Dichloro-2-butene	NA	NA	ND (0.0049)	ND (0.32)	ND (0.31)	ND (0.0084)
Trichloroethene	0.47	6.4	ND (0.00049)	ND (0.032)	ND (0.031)	ND (0.00084)
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.0039)	ND (0.26)	ND (0.25)	ND (0.0068)
Vinyl acetate	NA	NA	ND (0.0099)	ND (0.65)	ND (0.63)	ND (0.017)
Vinyl chloride	0.03	0.48	ND (0.00099) J	ND (0.065)	ND (0.063)	ND (0.0017)
Xylene (Total)	1.2	100	0.00065 J	ND (0.065)	ND (0.063)	0.0085
Other						
Total Solids (%)	NA	NA	88.7	87.2	86.1	78.4

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated
J+: Value is estimated, high bias
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Restricted-Use Residential SCOs, and Protection of Groundwater SCOs.
*- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.*
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

TABLE II
PDI ANALYTICAL RESULTS
547 CONEY ISLAND AVENUE AND 50 HINCKLEY PLACE
BROOKLYN, NEW YORK

	Criteria					
Location Name	Restricted Use Soil Cleanup Objectives - Protection of Groundwater 2025	NY Part 375 Restricted Residential Use Soil Cleanup Objectives 2025	PDI-2	PDI-3	PDI-3	PDI-3
Sample Name			PDI-2_63-65_20251121	PDI-3_48-50_20260306	PDI-3_53-55_20260306	PDI-3_58-60_20260306
Sample Date			11/21/2025	03/06/2026	03/06/2026	03/06/2026
Lab Sample ID			L2574764-05	L2612196-05	L2612196-06	L2612196-07
Sample Depth (bgs)			63 - 65 (ft)	48 - 50 (ft)	53 - 55 (ft)	58 - 60 (ft)
Volatile Organic Compounds (mg/kg)						
1,1,1,2-Tetrachloroethane	NA	NA	ND (0.00045)	ND (0.17)	ND (0.027)	ND (0.03)
1,1,1-Trichloroethane	0.68	100	ND (0.00045)	ND (0.17)	ND (0.027)	ND (0.03)
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.00045)	ND (0.17)	ND (0.027)	ND (0.03)
1,1,2-Trichloroethane	NA	NA	ND (0.0009)	ND (0.35)	ND (0.054)	ND (0.06)
1,1-Dichloroethane	0.27	47	ND (0.0009)	ND (0.35)	ND (0.054)	ND (0.06)
1,1-Dichloroethene	0.33	0.98	ND (0.0009)	ND (0.35)	ND (0.054)	ND (0.06)
1,1-Dichloropropene	NA	NA	ND (0.00045)	ND (0.17)	ND (0.027)	ND (0.03)
1,2,3-Trichlorobenzene	NA	NA	ND (0.0018)	ND (0.7)	ND (0.11)	ND (0.12)
1,2,3-Trichloropropane	NA	NA	ND (0.0018)	ND (0.7)	ND (0.11)	ND (0.12)
1,2,4,5-Tetramethylbenzene	NA	NA	0.00092 J	13	1.2	0.31
1,2,4-Trichlorobenzene	NA	NA	ND (0.0018)	ND (0.7)	ND (0.11)	ND (0.12)
1,2,4-Trimethylbenzene	5.9	100	0.013	***92***	2.2	3
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.0027)	ND (1)	ND (0.16)	ND (0.18)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.0009)	ND (0.35)	ND (0.054)	ND (0.06)
1,2-Dichlorobenzene	1.1	100	ND (0.0018)	ND (0.7)	ND (0.11)	ND (0.12)
1,2-Dichloroethane	0.02	5.8	ND (0.0009)	ND (0.35)	ND (0.054)	ND (0.06)
1,2-Dichloroethene (total)	NA	NA	ND (0.0009)	ND (0.35)	ND (0.054)	ND (0.06)
1,2-Dichloropropane	NA	NA	ND (0.0009)	ND (0.35)	ND (0.054)	ND (0.06)
1,3,5-Trimethylbenzene	3.1	100	0.0043	***31***	0.58	0.87
1,3-Dichlorobenzene	2.6	38	ND (0.0018)	ND (0.7)	ND (0.11)	ND (0.12)
1,3-Dichloropropane	NA	NA	ND (0.0018)	ND (0.7)	ND (0.11)	ND (0.12)
1,3-Dichloropropene	NA	NA	ND (0.00045)	ND (0.17)	ND (0.027)	ND (0.03)
1,4-Dichlorobenzene	1.8	24	ND (0.0018)	ND (0.7)	ND (0.11)	ND (0.12)
1,4-Diethylbenzene	NA	NA	ND (0.0018)	45	0.51	1.1
1,4-Dioxane	0.1	5.7	ND (0.072)	ND (28)	ND (4.3)	ND (4.8)
2,2-Dichloropropane	NA	NA	ND (0.0018)	ND (0.7)	ND (0.11)	ND (0.12)
2-Butanone (Methyl Ethyl Ketone)	0.1	100	ND (0.009)	ND (3.5)	ND (0.54)	ND (0.6)
2-Chlorotoluene	NA	NA	ND (0.0018)	ND (0.7)	ND (0.11)	ND (0.12)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.009)	ND (3.5)	ND (0.54)	ND (0.6)
2-Phenylbutane (sec-Butylbenzene)	25	100	0.00037 J	2.8	0.34	0.077
4-Chlorotoluene	NA	NA	ND (0.0018)	ND (0.7)	ND (0.11)	ND (0.12)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	0.0037	59	1.2	1.8
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.009)	ND (3.5) J	ND (0.54) J	ND (0.6) J
Acetone	0.03	100	ND (0.009)	ND (3.5)	ND (0.54)	ND (0.6)
Acrylonitrile	NA	NA	ND (0.0036)	ND (1.4)	ND (0.21)	ND (0.24)
Benzene	0.06	3.7	ND (0.00045)	ND (0.17)	ND (0.027)	ND (0.03)
Bromobenzene	NA	NA	ND (0.0018)	ND (0.7)	ND (0.11)	ND (0.12)
Bromodichloromethane	NA	NA	ND (0.00045)	ND (0.17)	ND (0.027)	ND (0.03)
Bromoform	NA	NA	ND (0.0036)	ND (1.4)	ND (0.21)	ND (0.24)
Bromomethane (Methyl Bromide)	NA	NA	ND (0.0018)	ND (0.7)	ND (0.11)	ND (0.12)
Carbon disulfide	NA	NA	ND (0.009)	ND (3.5)	ND (0.54)	ND (0.6)
Carbon tetrachloride	0.76	7.1	ND (0.0009)	ND (0.35)	ND (0.054)	ND (0.06)
Chlorobenzene	4.5	100	ND (0.00045)	ND (0.17)	ND (0.027)	ND (0.03)
Chlorobromomethane	NA	NA	ND (0.0018)	ND (0.7)	ND (0.11)	ND (0.12)
Chloroethane	NA	NA	ND (0.0018)	ND (0.7)	ND (0.11)	ND (0.12)
Chloroform (Trichloromethane)	0.37	24	ND (0.0014)	ND (0.52)	ND (0.08)	ND (0.09)
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0036)	ND (1.4)	ND (0.21)	ND (0.24)
cis-1,2-Dichloroethene	0.19	41	ND (0.0009)	ND (0.35)	ND (0.054)	ND (0.06)
cis-1,3-Dichloropropene	NA	NA	ND (0.00045)	ND (0.17)	ND (0.027)	ND (0.03)
Cymene (p-Isopropyltoluene)	NA	NA	0.00029 J	2.1	0.26	0.057 J
Dibromochloromethane	NA	NA	ND (0.0009)	ND (0.35)	ND (0.054)	ND (0.06)
Dibromomethane	NA	NA	ND (0.0018)	ND (0.7)	ND (0.11)	ND (0.12)
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.009)	ND (3.5)	ND (0.54)	ND (0.6)
Ethyl Ether	NA	NA	ND (0.0018)	ND (0.7)	ND (0.11)	ND (0.12)
Ethylbenzene	1	76	0.0063	***34***	0.94	1
Hexachlorobutadiene	NA	NA	ND (0.0036)	ND (1.4)	ND (0.21)	ND (0.24)
Isopropylbenzene (Cumene)	NA	NA	0.00085 J	5	0.62	0.14
m,p-Xylenes	NA	NA	0.0098	89	1.6	3
Methyl Tert Butyl Ether (MTBE)	0.1	100	ND (0.0018)	ND (0.7)	ND (0.11)	ND (0.12)
Methylene chloride (Dichloromethane)	0.05	81	ND (0.0045)	ND (1.7)	ND (0.27)	ND (0.3)
Naphthalene	12	100	0.0013 J	***13***	0.47	0.4
n-Butylbenzene	18	100	0.0005 J	7.6	0.74	0.19
n-Propylbenzene	5	100	0.002	***19***	1.6	0.51
o-Xylene	NA	NA	ND (0.0009)	1.1	0.028 J	0.037 J
Styrene	NA	NA	ND (0.0009)	ND (0.35)	ND (0.054)	ND (0.06)
tert-Butylbenzene	11	100	ND (0.0018)	ND (0.7)	0.041 J	ND (0.12)
Tetrachloroethene	1.3	18	ND (0.00045)	ND (0.17)	ND (0.027)	ND (0.03)
Toluene	0.7	100	ND (0.0009)	0.33 J	ND (0.054)	ND (0.06)
trans-1,2-Dichloroethene	0.19	100	ND (0.0014)	ND (0.52)	ND (0.08)	ND (0.09)
trans-1,3-Dichloropropene	NA	NA	ND (0.0009)	ND (0.35)	ND (0.054)	ND (0.06)
trans-1,4-Dichloro-2-butene	NA	NA	ND (0.0045)	ND (1.7)	ND (0.27)	ND (0.3)
Trichloroethene	0.47	6.4	ND (0.00045)	ND (0.17)	ND (0.027)	ND (0.03)
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.0036)	ND (1.4)	ND (0.21)	ND (0.24)
Vinyl acetate	NA	NA	ND (0.009)	ND (3.5)	ND (0.54)	ND (0.6)
Vinyl chloride	0.03	0.48	ND (0.0009)	ND (0.35)	ND (0.054)	ND (0.06)
Xylene (Total)	1.2	100	0.0098	***90***	***1.6 J***	***3 J***
Other						
Total Solids (%)	NA	NA	87.5	78.2	88.1	86.2

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated
J+: Value is estimated, high bias
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Restricted-Use Residential SCOs, and Protection of Groundwater SCOs.
*- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.*
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

TABLE II
PDI ANALYTICAL RESULTS
547 CONEY ISLAND AVENUE AND 50 HINCKLEY PLACE
BROOKLYN, NEW YORK

	Criteria					
Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Restricted Use Soil Cleanup Objectives - Protection of Groundwater 2025	NY Part 375 Restricted Residential Use Soil Cleanup Objectives 2025	PDI-3 PDI-3_63-65_20260306 03/06/2026 L2612196-08 63 - 65 (ft)	PDI-4 PDI-4_48-50_20260306 03/06/2026 L2612196-01 48 - 50 (ft)	PDI-4 PDI-4_53-55_20260306 03/06/2026 L2612196-02 53 - 55 (ft)	PDI-4 PDI-4_58-60_20260306 03/06/2026 L2612196-03 58 - 60 (ft)
Volatile Organic Compounds (mg/kg)						
1,1,1,2-Tetrachloroethane	NA	NA	ND (0.00048)	ND (0.00053)	ND (0.00057)	ND (0.00054)
1,1,1-Trichloroethane	0.68	100	ND (0.00048)	ND (0.00053)	ND (0.00057)	ND (0.00054)
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.00048)	ND (0.00053)	ND (0.00057)	ND (0.00054)
1,1,2-Trichloroethane	NA	NA	ND (0.00096)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,1-Dichloroethane	0.27	47	ND (0.00096)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,1-Dichloroethene	0.33	0.98	ND (0.00096)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,1-Dichloropropene	NA	NA	ND (0.00048)	ND (0.00053)	ND (0.00057)	ND (0.00054)
1,2,3-Trichlorobenzene	NA	NA	ND (0.0019)	ND (0.0021)	ND (0.0023)	ND (0.0021)
1,2,3-Trichloropropane	NA	NA	ND (0.0019)	ND (0.0021)	ND (0.0023)	ND (0.0021)
1,2,4,5-Tetramethylbenzene	NA	NA	0.0048	0.022	0.0034	0.0011 J
1,2,4-Trichlorobenzene	NA	NA	ND (0.0019)	ND (0.0021)	ND (0.0023)	ND (0.0021)
1,2,4-Trimethylbenzene	5.9	100	0.017	0.0085	0.0033	0.0014 J
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.0029)	ND (0.0032)	ND (0.0034)	ND (0.0032)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.00096)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,2-Dichlorobenzene	1.1	100	ND (0.0019)	ND (0.0021)	ND (0.0023)	ND (0.0021)
1,2-Dichloroethane	0.02	5.8	ND (0.00096)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,2-Dichloroethene (total)	NA	NA	ND (0.00096)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,2-Dichloropropane	NA	NA	ND (0.00096)	ND (0.001)	ND (0.0011)	ND (0.0011)
1,3,5-Trimethylbenzene	3.1	100	0.0049	0.00092 J	0.0025	0.0005 J
1,3-Dichlorobenzene	2.6	38	ND (0.0019)	ND (0.0021)	ND (0.0023)	ND (0.0021)
1,3-Dichloropropane	NA	NA	ND (0.0019)	ND (0.0021)	ND (0.0023)	ND (0.0021)
1,3-Dichloropropene	NA	NA	ND (0.00048)	ND (0.00053)	ND (0.00057)	ND (0.00054)
1,4-Dichlorobenzene	1.8	24	ND (0.0019)	ND (0.0021)	ND (0.0023)	ND (0.0021)
1,4-Diethylbenzene	NA	NA	0.0077	0.0084	0.0019 J	0.00067 J
1,4-Dioxane	0.1	5.7	ND (0.076)	ND (0.085)	ND (0.091)	ND (0.086)
2,2-Dichloropropane	NA	NA	ND (0.0019)	ND (0.0021)	ND (0.0023)	ND (0.0021)
2-Butanone (Methyl Ethyl Ketone)	0.1	100	ND (0.0096)	ND (0.01)	ND (0.011)	ND (0.011)
2-Chlorotoluene	NA	NA	ND (0.0019)	ND (0.0021)	ND (0.0023)	ND (0.0021)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.0096)	ND (0.01)	ND (0.011)	ND (0.011)
2-Phenylbutane (sec-Butylbenzene)	25	100	0.0014	0.0044	0.0015	0.00027 J
4-Chlorotoluene	NA	NA	ND (0.0019)	ND (0.0021)	ND (0.0023)	ND (0.0021)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	0.0094	0.0011 J	0.001 J	0.00051 J
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.0096)	ND (0.01)	ND (0.011)	ND (0.011)
Acetone	0.03	100	ND (0.0096)	ND (0.01)	ND (0.011)	ND (0.011)
Acrylonitrile	NA	NA	ND (0.0038)	ND (0.0042)	ND (0.0046)	ND (0.0043)
Benzene	0.06	3.7	ND (0.00048)	ND (0.00053)	ND (0.00057)	ND (0.00054)
Bromobenzene	NA	NA	ND (0.0019)	ND (0.0021)	ND (0.0023)	ND (0.0021)
Bromodichloromethane	NA	NA	0.00054	ND (0.00053)	ND (0.00057)	0.0003 J
Bromoform	NA	NA	ND (0.0038)	ND (0.0042)	ND (0.0046)	ND (0.0043)
Bromomethane (Methyl Bromide)	NA	NA	ND (0.0019)	ND (0.0021)	ND (0.0023)	ND (0.0021)
Carbon disulfide	NA	NA	ND (0.0096)	ND (0.01)	ND (0.011)	ND (0.011)
Carbon tetrachloride	0.76	7.1	ND (0.00096)	ND (0.001)	ND (0.0011)	ND (0.0011)
Chlorobenzene	4.5	100	ND (0.00048)	ND (0.00053)	ND (0.00057)	ND (0.00054)
Chlorobromomethane	NA	NA	ND (0.0019)	ND (0.0021)	ND (0.0023)	ND (0.0021)
Chloroethane	NA	NA	ND (0.0019)	ND (0.0021)	ND (0.0023)	ND (0.0021)
Chloroform (Trichloromethane)	0.37	24	ND (0.0014)	0.0016 J+	ND (0.0017)	0.0042 J+
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0038)	ND (0.0042)	ND (0.0046)	ND (0.0043)
cis-1,2-Dichloroethene	0.19	41	ND (0.00096)	ND (0.001)	ND (0.0011)	ND (0.0011)
cis-1,3-Dichloropropene	NA	NA	ND (0.00048)	ND (0.00053)	ND (0.00057)	ND (0.00054)
Cymene (p-Isopropyltoluene)	NA	NA	0.0007 J	0.0024	0.00028 J	ND (0.0011)
Dibromochloromethane	NA	NA	ND (0.00096)	ND (0.001)	ND (0.0011)	ND (0.0011)
Dibromomethane	NA	NA	ND (0.0019)	ND (0.0021)	ND (0.0023)	ND (0.0021)
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.0096)	ND (0.01)	ND (0.011)	ND (0.011)
Ethyl Ether	NA	NA	ND (0.0019)	ND (0.0021)	ND (0.0023)	ND (0.0021)
Ethylbenzene	1	76	0.0079	0.0073	0.0022	0.00074 J
Hexachlorobutadiene	NA	NA	ND (0.0038)	ND (0.0042)	ND (0.0046)	ND (0.0043)
Isopropylbenzene (Cumene)	NA	NA	0.0034	0.012	0.0051	0.00094 J
m,p-Xylenes	NA	NA	0.018	0.0062	0.012	0.0025
Methyl Tert Butyl Ether (MTBE)	0.1	100	ND (0.0019)	ND (0.0021)	ND (0.0023)	ND (0.0021)
Methylene chloride (Dichloromethane)	0.05	81	ND (0.0048)	ND (0.0053)	ND (0.0057)	ND (0.0054)
Naphthalene	12	100	0.0031 J	0.04	0.0017 J	0.0011 J
n-Butylbenzene	18	100	0.0026	0.0072	0.0011	0.00033 J
n-Propylbenzene	5	100	0.0077	0.034	0.01	0.0021
o-Xylene	NA	NA	0.0003 J	0.00078 J	0.00079 J	0.00033 J
Styrene	NA	NA	ND (0.00096)	ND (0.001)	ND (0.0011)	ND (0.0011)
tert-Butylbenzene	11	100	0.00022 J	0.00037 J	0.00014 J	ND (0.0021)
Tetrachloroethene	1.3	18	ND (0.00048)	ND (0.00053)	ND (0.00057)	0.0005 J
Toluene	0.7	100	ND (0.00096)	0.0016	0.0022	0.00073 J
trans-1,2-Dichloroethene	0.19	100	ND (0.0014)	ND (0.0016)	ND (0.0017)	ND (0.0016)
trans-1,3-Dichloropropene	NA	NA	ND (0.00096)	ND (0.001)	ND (0.0011)	ND (0.0011)
trans-1,4-Dichloro-2-butene	NA	NA	ND (0.0048)	ND (0.0053)	ND (0.0057)	ND (0.0054)
Trichloroethene	0.47	6.4	ND (0.00048)	ND (0.00053)	ND (0.00057)	ND (0.00054)
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.0038)	ND (0.0042)	ND (0.0046)	ND (0.0043)
Vinyl acetate	NA	NA	ND (0.0096)	ND (0.01)	ND (0.011)	ND (0.011)
Vinyl chloride	0.03	0.48	ND (0.00096)	ND (0.001)	ND (0.0011)	ND (0.0011)
Xylene (Total)	1.2	100	0.018 J	0.007 J	0.013 J	0.0028 J
Other						
Total Solids (%)	NA	NA	90	81.4	78.8	81.1

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated
J+: Value is estimated, high bias
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Restricted-Use Residential SCOs, and Protection of Groundwater SCOs.
*- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.*
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

TABLE II
PDI ANALYTICAL RESULTS
547 CONEY ISLAND AVENUE AND 50 HINCKLEY PLACE
BROOKLYN, NEW YORK

	Criteria					
Location Name	Restricted Use Soil Cleanup Objectives - Protection of Groundwater 2025	NY Part 375 Restricted Residential Use Soil Cleanup Objectives 2025	PDI-4	PDI-5	PDI-5	PDI-5
Sample Name			PDI-4_63-65_20260306	PDI-5_48-50_20251120	PDI-5_53-55_20251120	PDI-5_58-60_20251120
Sample Date			03/06/2026	11/20/2025	11/20/2025	11/20/2025
Lab Sample ID			L2612196-04	L2574258-10	L2574258-11	L2574258-12
Sample Depth (bgs)			63 - 65 (ft)	48 - 50 (ft)	53 - 55 (ft)	58 - 60 (ft)
Volatile Organic Compounds (mg/kg)						
1,1,1,2-Tetrachloroethane	NA	NA	ND (0.00064)	ND (0.026)	ND (0.025)	ND (0.027)
1,1,1-Trichloroethane	0.68	100	ND (0.00064)	ND (0.026)	ND (0.025)	ND (0.027)
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.00064)	ND (0.026)	ND (0.025)	ND (0.027)
1,1,2-Trichloroethane	NA	NA	ND (0.0013)	ND (0.052)	ND (0.051)	ND (0.055)
1,1-Dichloroethane	0.27	47	ND (0.0013)	ND (0.052)	ND (0.051)	ND (0.055)
1,1-Dichloroethene	0.33	0.98	ND (0.0013)	ND (0.052)	ND (0.051)	ND (0.055)
1,1-Dichloropropene	NA	NA	ND (0.00064)	ND (0.026)	ND (0.025)	ND (0.027)
1,2,3-Trichlorobenzene	NA	NA	ND (0.0025)	ND (0.1)	ND (0.1)	ND (0.11)
1,2,3-Trichloropropane	NA	NA	ND (0.0025)	ND (0.1)	ND (0.1)	ND (0.11)
1,2,4,5-Tetramethylbenzene	NA	NA	0.0031	1.8	0.23	0.053 J
1,2,4-Trichlorobenzene	NA	NA	ND (0.0025)	ND (0.1)	ND (0.1)	ND (0.11)
1,2,4-Trimethylbenzene	5.9	100	0.0021 J	5.4	0.24	0.21
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.0038)	ND (0.16)	ND (0.15)	ND (0.16)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.0013)	ND (0.052)	ND (0.051)	ND (0.055)
1,2-Dichlorobenzene	1.1	100	ND (0.0025)	ND (0.1)	ND (0.1)	ND (0.11)
1,2-Dichloroethane	0.02	5.8	ND (0.0013)	ND (0.052)	ND (0.051)	ND (0.055)
1,2-Dichloroethene (total)	NA	NA	ND (0.0013)	ND (0.052)	ND (0.051)	ND (0.055)
1,2-Dichloropropane	NA	NA	ND (0.0013)	ND (0.052)	ND (0.051)	ND (0.055)
1,3,5-Trimethylbenzene	3.1	100	0.00088 J	0.93	0.072 J	0.078 J
1,3-Dichlorobenzene	2.6	38	ND (0.0025)	ND (0.1)	ND (0.1)	ND (0.11)
1,3-Dichloropropane	NA	NA	ND (0.0025)	ND (0.1)	ND (0.1)	ND (0.11)
1,3-Dichloropropene	NA	NA	ND (0.00064)	ND (0.026)	ND (0.025)	ND (0.027)
1,4-Dichlorobenzene	1.8	24	ND (0.0025)	ND (0.1)	ND (0.1)	ND (0.11)
1,4-Diethylbenzene	NA	NA	0.0019 J	1.4	0.21	ND (0.11)
1,4-Dioxane	0.1	5.7	ND (0.1)	ND (4.2)	ND (4)	ND (4.4)
2,2-Dichloropropane	NA	NA	ND (0.0025)	ND (0.1)	ND (0.1)	ND (0.11)
2-Butanone (Methyl Ethyl Ketone)	0.1	100	ND (0.013)	ND (0.52)	ND (0.51)	ND (0.55)
2-Chlorotoluene	NA	NA	ND (0.0025)	ND (0.1)	ND (0.1)	ND (0.11)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.013)	ND (0.52)	ND (0.51)	ND (0.55)
2-Phenylbutane (sec-Butylbenzene)	25	100	0.0015	0.78	0.23	0.15
4-Chlorotoluene	NA	NA	ND (0.0025)	ND (0.1)	ND (0.1)	ND (0.11)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	0.00056 J	1.7	0.12	0.11
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.013) J	ND (0.52)	ND (0.51)	ND (0.55)
Acetone	0.03	100	ND (0.013)	ND (0.52)	ND (0.51)	ND (0.55)
Acrylonitrile	NA	NA	ND (0.0051)	ND (0.21)	ND (0.2)	ND (0.22)
Benzene	0.06	3.7	ND (0.00064)	ND (0.026)	ND (0.025)	ND (0.027)
Bromobenzene	NA	NA	ND (0.0025)	ND (0.1)	ND (0.1)	ND (0.11)
Bromodichloromethane	NA	NA	ND (0.00064)	ND (0.026)	ND (0.025)	ND (0.027)
Bromoform	NA	NA	ND (0.0051)	ND (0.21)	ND (0.2)	ND (0.22)
Bromomethane (Methyl Bromide)	NA	NA	ND (0.0025)	ND (0.1)	ND (0.1)	ND (0.11)
Carbon disulfide	NA	NA	ND (0.013)	ND (0.52)	ND (0.51)	ND (0.55)
Carbon tetrachloride	0.76	7.1	ND (0.0013)	ND (0.052)	ND (0.051)	ND (0.055)
Chlorobenzene	4.5	100	ND (0.00064)	ND (0.026)	ND (0.025)	ND (0.027)
Chlorobromomethane	NA	NA	ND (0.0025)	ND (0.1)	ND (0.1)	ND (0.11)
Chloroethane	NA	NA	ND (0.0025)	ND (0.1)	ND (0.1)	ND (0.11)
Chloroform (Trichloromethane)	0.37	24	0.0027	ND (0.079)	ND (0.076)	ND (0.082)
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0051)	ND (0.21)	ND (0.2)	ND (0.22)
cis-1,2-Dichloroethene	0.19	41	ND (0.0013)	ND (0.052)	ND (0.051)	ND (0.055)
cis-1,3-Dichloropropene	NA	NA	ND (0.00064)	ND (0.026)	ND (0.025)	ND (0.027)
Cymene (p-Isopropyltoluene)	NA	NA	0.00034 J	0.37	0.031 J	ND (0.055)
Dibromochloromethane	NA	NA	ND (0.0013)	ND (0.052)	ND (0.051)	ND (0.055)
Dibromomethane	NA	NA	ND (0.0025)	ND (0.1)	ND (0.1)	ND (0.11)
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.013)	ND (0.52)	ND (0.51)	ND (0.55)
Ethyl Ether	NA	NA	ND (0.0025)	ND (0.1)	ND (0.1)	ND (0.11)
Ethylbenzene	1	76	0.0014	***5.8***	0.15	0.027 J
Hexachlorobutadiene	NA	NA	ND (0.0051)	ND (0.21)	ND (0.2)	ND (0.22)
Isopropylbenzene (Cumene)	NA	NA	0.0025	0.91	0.41	0.015 J
m,p-Xylenes	NA	NA	0.0033	12	0.32	0.08 J
Methyl Tert Butyl Ether (MTBE)	0.1	100	ND (0.0025)	ND (0.1)	ND (0.1)	ND (0.11)
Methylene chloride (Dichloromethane)	0.05	81	ND (0.0064)	ND (0.26)	ND (0.25)	ND (0.27)
Naphthalene	12	100	0.0042 J	3	0.53	ND (0.22)
n-Butylbenzene	18	100	0.0012 J	1	0.096	ND (0.055)
n-Propylbenzene	5	100	0.006	1.4	0.52	ND (0.055)
o-Xylene	NA	NA	ND (0.0013)	0.21	0.032 J	ND (0.055)
Styrene	NA	NA	ND (0.0013)	ND (0.052)	ND (0.051)	ND (0.055)
tert-Butylbenzene	11	100	ND (0.0025)	0.062 J	0.022 J	ND (0.11)
Tetrachloroethene	1.3	18	ND (0.00064)	ND (0.026)	ND (0.025)	ND (0.027)
Toluene	0.7	100	ND (0.0013)	ND (0.052)	ND (0.051)	ND (0.055)
trans-1,2-Dichloroethene	0.19	100	ND (0.0019)	ND (0.079)	ND (0.076)	ND (0.082)
trans-1,3-Dichloropropene	NA	NA	ND (0.0013)	ND (0.052)	ND (0.051)	ND (0.055)
trans-1,4-Dichloro-2-butene	NA	NA	ND (0.0064)	ND (0.26)	ND (0.25)	ND (0.27)
Trichloroethene	0.47	6.4	ND (0.00064)	ND (0.026)	ND (0.025)	ND (0.027)
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.0051)	ND (0.21)	ND (0.2)	ND (0.22)
Vinyl acetate	NA	NA	ND (0.013)	ND (0.52)	ND (0.51)	ND (0.55)
Vinyl chloride	0.03	0.48	ND (0.0013)	ND (0.052)	ND (0.051)	ND (0.055)
Xylene (Total)	1.2	100	0.0033	***12***	0.35 J	0.08 J
Other						
Total Solids (%)	NA	NA	80	87.7	91.3	88.8

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated
J+: Value is estimated, high bias
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Restricted-Use Residential SCOs, and Protection of Groundwater SCOs.
*- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.*
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

TABLE II
PDI ANALYTICAL RESULTS
547 CONEY ISLAND AVENUE AND 50 HINCKLEY PLACE
BROOKLYN, NEW YORK

	Criteria					
Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Restricted Use Soil Cleanup Objectives - Protection of Groundwater 2025	NY Part 375 Restricted Residential Use Soil Cleanup Objectives 2025	PDI-5 PDI-5_63-65_20251120 11/20/2025 L2574258-13 63 - 65 (ft)	PDI-6 PDI-6_48-50_20251121 11/21/2025 L2574764-06 48 - 50 (ft)	PDI-6 PDI-6_53-55_20251121 11/21/2025 L2574764-07 53 - 55 (ft)	PDI-6 PDI-6_58-60_20251121 11/21/2025 L2574764-08 58 - 60 (ft)
Volatile Organic Compounds (mg/kg)						
1,1,1,2-Tetrachloroethane	NA	NA	ND (0.00057)	ND (0.12)	ND (0.024)	ND (0.00054)
1,1,1-Trichloroethane	0.68	100	ND (0.00057)	ND (0.12)	ND (0.024)	ND (0.00054)
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.00057)	ND (0.12)	ND (0.024)	ND (0.00054)
1,1,2-Trichloroethane	NA	NA	ND (0.0011)	ND (0.23)	ND (0.048)	ND (0.0011)
1,1-Dichloroethane	0.27	47	ND (0.0011)	ND (0.23)	ND (0.048)	ND (0.0011)
1,1-Dichloroethene	0.33	0.98	ND (0.0011) J	ND (0.23)	ND (0.048)	ND (0.0011)
1,1-Dichloropropene	NA	NA	ND (0.00057)	ND (0.12)	ND (0.024)	ND (0.00054)
1,2,3-Trichlorobenzene	NA	NA	ND (0.0023)	ND (0.46)	ND (0.097)	ND (0.0022)
1,2,3-Trichloropropane	NA	NA	ND (0.0023)	ND (0.46)	ND (0.097)	ND (0.0022)
1,2,4,5-Tetramethylbenzene	NA	NA	ND (0.0023)	22	0.061 J	0.0093
1,2,4-Trichlorobenzene	NA	NA	ND (0.0023)	ND (0.46)	ND (0.097)	ND (0.0022)
1,2,4-Trimethylbenzene	5.9	100	ND (0.0023)	***160***	0.2	0.029
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.0034)	ND (0.7)	ND (0.14)	ND (0.0033)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.0011)	ND (0.23)	ND (0.048)	ND (0.0011)
1,2-Dichlorobenzene	1.1	100	ND (0.0023)	ND (0.46)	ND (0.097)	ND (0.0022)
1,2-Dichloroethane	0.02	5.8	ND (0.0011)	ND (0.23)	ND (0.048)	ND (0.0011)
1,2-Dichloroethene (total)	NA	NA	ND (0.0011)	ND (0.23)	ND (0.048)	ND (0.0011)
1,2-Dichloropropane	NA	NA	ND (0.0011)	ND (0.23)	ND (0.048)	ND (0.0011)
1,3,5-Trimethylbenzene	3.1	100	ND (0.0023)	***48***	0.062 J	0.0076
1,3-Dichlorobenzene	2.6	38	ND (0.0023)	ND (0.46)	ND (0.097)	ND (0.0022)
1,3-Dichloropropane	NA	NA	ND (0.0023)	ND (0.46)	ND (0.097)	ND (0.0022)
1,3-Dichloropropene	NA	NA	ND (0.00057)	ND (0.12)	ND (0.024)	ND (0.00054)
1,4-Dichlorobenzene	1.8	24	ND (0.0023)	ND (0.46)	ND (0.097)	ND (0.0022)
1,4-Diethylbenzene	NA	NA	ND (0.0023)	6.8	ND (0.097)	ND (0.0022)
1,4-Dioxane	0.1	5.7	ND (0.091)	ND (18)	ND (3.9)	ND (0.087)
2,2-Dichloropropane	NA	NA	ND (0.0023)	ND (0.46)	ND (0.097)	ND (0.0022)
2-Butanone (Methyl Ethyl Ketone)	0.1	100	ND (0.011)	ND (2.3)	ND (0.48)	ND (0.011)
2-Chlorotoluene	NA	NA	ND (0.0023)	ND (0.46)	ND (0.097)	ND (0.0022)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.011)	ND (2.3)	ND (0.48)	ND (0.011)
2-Phenylbutane (sec-Butylbenzene)	25	100	ND (0.0011)	4.5	0.013 J	0.0011
4-Chlorotoluene	NA	NA	ND (0.0023)	ND (0.46)	ND (0.097)	ND (0.0022)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	ND (0.0023)	55	0.069 J	0.0077
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.011)	ND (2.3)	ND (0.48)	ND (0.011)
Acetone	0.03	100	ND (0.011)	ND (2.3)	ND (0.48)	ND (0.011)
Acrylonitrile	NA	NA	ND (0.0045)	ND (0.93)	ND (0.19)	ND (0.0044)
Benzene	0.06	3.7	ND (0.00057)	ND (0.12)	ND (0.024)	ND (0.00054)
Bromobenzene	NA	NA	ND (0.0023)	ND (0.46)	ND (0.097)	ND (0.0022)
Bromodichloromethane	NA	NA	ND (0.00057)	ND (0.12)	ND (0.024)	ND (0.00054)
Bromoform	NA	NA	ND (0.0045)	ND (0.93)	ND (0.19)	ND (0.0044)
Bromomethane (Methyl Bromide)	NA	NA	ND (0.0023) J	ND (0.46)	ND (0.097)	ND (0.0022)
Carbon disulfide	NA	NA	ND (0.011)	ND (2.3)	ND (0.48)	ND (0.011)
Carbon tetrachloride	0.76	7.1	ND (0.0011)	ND (0.23)	ND (0.048)	ND (0.0011)
Chlorobenzene	4.5	100	ND (0.00057)	ND (0.12)	ND (0.024)	ND (0.00054)
Chlorobromomethane	NA	NA	ND (0.0023)	ND (0.46)	ND (0.097)	ND (0.0022)
Chloroethane	NA	NA	ND (0.0023)	0.14 J	ND (0.097)	ND (0.0022)
Chloroform (Trichloromethane)	0.37	24	ND (0.0017)	ND (0.35)	ND (0.073)	ND (0.0016)
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0045)	ND (0.93)	ND (0.19)	ND (0.0044)
cis-1,2-Dichloroethene	0.19	41	ND (0.0011)	ND (0.23)	ND (0.048)	ND (0.0011)
cis-1,3-Dichloropropene	NA	NA	ND (0.00057)	ND (0.12)	ND (0.024)	ND (0.00054)
Cymene (p-Isopropyltoluene)	NA	NA	ND (0.0011)	4.2	0.0088 J	0.001 J
Dibromochloromethane	NA	NA	ND (0.0011)	ND (0.23)	ND (0.048)	ND (0.0011)
Dibromomethane	NA	NA	ND (0.0023)	ND (0.46)	ND (0.097)	ND (0.0022)
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.011)	ND (2.3)	ND (0.48)	ND (0.011)
Ethyl Ether	NA	NA	ND (0.0023)	ND (0.46)	ND (0.097)	ND (0.0022)
Ethylbenzene	1	76	ND (0.0011)	***86***	0.096	0.0067
Hexachlorobutadiene	NA	NA	ND (0.0045)	ND (0.93)	ND (0.19)	ND (0.0044)
Isopropylbenzene (Cumene)	NA	NA	ND (0.0011)	10	0.014 J	0.0013
m,p-Xylenes	NA	NA	ND (0.0023)	90	0.078 J	0.0065
Methyl Tert Butyl Ether (MTBE)	0.1	100	ND (0.0023)	ND (0.46)	ND (0.097)	ND (0.0022)
Methylene chloride (Dichloromethane)	0.05	81	ND (0.0057)	ND (1.2)	ND (0.24)	ND (0.0054)
Naphthalene	12	100	ND (0.0045)	***29***	0.072 J	0.023
n-Butylbenzene	18	100	ND (0.0011)	12	0.024 J	0.0028
n-Propylbenzene	5	100	ND (0.0011)	***36***	0.052	0.0052
o-Xylene	NA	NA	ND (0.0011)	0.16 J	ND (0.048)	ND (0.0011)
Styrene	NA	NA	ND (0.0011)	ND (0.23)	ND (0.048)	ND (0.0011)
tert-Butylbenzene	11	100	ND (0.0023)	ND (0.46)	ND (0.097)	ND (0.0022)
Tetrachloroethene	1.3	18	ND (0.00057)	ND (0.12)	ND (0.024)	0.0018
Toluene	0.7	100	ND (0.0011)	0.13 J	ND (0.048)	ND (0.0011)
trans-1,2-Dichloroethene	0.19	100	ND (0.0017)	ND (0.35)	ND (0.073)	ND (0.0016)
trans-1,3-Dichloropropene	NA	NA	ND (0.0011)	ND (0.23)	ND (0.048)	ND (0.0011)
trans-1,4-Dichloro-2-butene	NA	NA	ND (0.0057)	ND (1.2)	ND (0.24)	ND (0.0054)
Trichloroethene	0.47	6.4	ND (0.00057)	ND (0.12)	ND (0.024)	ND (0.00054)
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.0045)	ND (0.93)	ND (0.19)	ND (0.0044)
Vinyl acetate	NA	NA	ND (0.011)	ND (2.3)	ND (0.48)	ND (0.011)
Vinyl chloride	0.03	0.48	ND (0.0011) J	ND (0.23)	ND (0.048)	ND (0.0011)
Xylene (Total)	1.2	100	ND (0.0011)	***90 J***	0.078 J	0.0065
Other						
Total Solids (%)	NA	NA	87.3	85.3	-	92.7

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated
J+: Value is estimated, high bias
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Restricted-Use Residential SCOs, and Protection of Groundwater SCOs.
*- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.*
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

TABLE II
PDI ANALYTICAL RESULTS
547 CONEY ISLAND AVENUE AND 50 HINCKLEY PLACE
BROOKLYN, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Criteria		
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater 2025	NY Part 375 Restricted Residential Use Soil Cleanup Objectives 2025	PDI-6 PDI-6_63-65_20251121 11/21/2025 L2574764-09 63 - 65 (ft)
Volatile Organic Compounds (mg/kg)			
1,1,1,2-Tetrachloroethane	NA	NA	ND (0.00047)
1,1,1-Trichloroethane	0.68	100	ND (0.00047)
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.00047)
1,1,2-Trichloroethane	NA	NA	ND (0.00093)
1,1-Dichloroethane	0.27	47	ND (0.00093)
1,1-Dichloroethene	0.33	0.98	ND (0.00093)
1,1-Dichloropropene	NA	NA	ND (0.00047)
1,2,3-Trichlorobenzene	NA	NA	ND (0.0019)
1,2,3-Trichloropropane	NA	NA	ND (0.0019)
1,2,4,5-Tetramethylbenzene	NA	NA	0.00091 J
1,2,4-Trichlorobenzene	NA	NA	ND (0.0019)
1,2,4-Trimethylbenzene	5.9	100	0.0015 J
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.0028)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.00093)
1,2-Dichlorobenzene	1.1	100	ND (0.0019)
1,2-Dichloroethane	0.02	5.8	ND (0.00093)
1,2-Dichloroethene (total)	NA	NA	ND (0.00093)
1,2-Dichloropropane	NA	NA	ND (0.00093)
1,3,5-Trimethylbenzene	3.1	100	0.00037 J
1,3-Dichlorobenzene	2.6	38	ND (0.0019)
1,3-Dichloropropane	NA	NA	ND (0.0019)
1,3-Dichloropropene	NA	NA	ND (0.00047)
1,4-Dichlorobenzene	1.8	24	ND (0.0019)
1,4-Diethylbenzene	NA	NA	ND (0.0019)
1,4-Dioxane	0.1	5.7	ND (0.075)
2,2-Dichloropropane	NA	NA	ND (0.0019)
2-Butanone (Methyl Ethyl Ketone)	0.1	100	ND (0.0093)
2-Chlorotoluene	NA	NA	ND (0.0019)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.0093)
2-Phenylbutane (sec-Butylbenzene)	25	100	ND (0.00093)
4-Chlorotoluene	NA	NA	ND (0.0019)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	0.00041 J
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.0093)
Acetone	0.03	100	ND (0.0093)
Acrylonitrile	NA	NA	ND (0.0037)
Benzene	0.06	3.7	ND (0.00047)
Bromobenzene	NA	NA	ND (0.0019)
Bromodichloromethane	NA	NA	ND (0.00047)
Bromoform	NA	NA	ND (0.0037)
Bromomethane (Methyl Bromide)	NA	NA	ND (0.0019)
Carbon disulfide	NA	NA	ND (0.0093)
Carbon tetrachloride	0.76	7.1	ND (0.00093)
Chlorobenzene	4.5	100	ND (0.00047)
Chlorobromomethane	NA	NA	ND (0.0019)
Chloroethane	NA	NA	ND (0.0019)
Chloroform (Trichloromethane)	0.37	24	ND (0.0014)
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0037)
cis-1,2-Dichloroethene	0.19	41	ND (0.00093)
cis-1,3-Dichloropropene	NA	NA	ND (0.00047)
Cymene (p-Isopropyltoluene)	NA	NA	ND (0.00093)
Dibromochloromethane	NA	NA	ND (0.00093)
Dibromomethane	NA	NA	ND (0.0019)
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.0093)
Ethyl Ether	NA	NA	ND (0.0019)
Ethylbenzene	1	76	0.00044 J
Hexachlorobutadiene	NA	NA	ND (0.0037)
Isopropylbenzene (Cumene)	NA	NA	ND (0.00093)
m,p-Xylenes	NA	NA	ND (0.0019)
Methyl Tert Butyl Ether (MTBE)	0.1	100	ND (0.0019)
Methylene chloride (Dichloromethane)	0.05	81	ND (0.0047)
Naphthalene	12	100	0.005
n-Butylbenzene	18	100	ND (0.00093)
n-Propylbenzene	5	100	0.00026 J
o-Xylene	NA	NA	ND (0.00093)
Styrene	NA	NA	ND (0.00093)
tert-Butylbenzene	11	100	ND (0.0019)
Tetrachloroethene	1.3	18	0.0003 J
Toluene	0.7	100	ND (0.00093)
trans-1,2-Dichloroethene	0.19	100	ND (0.0014)
trans-1,3-Dichloropropene	NA	NA	ND (0.00093)
trans-1,4-Dichloro-2-butene	NA	NA	ND (0.0047)
Trichloroethene	0.47	6.4	ND (0.00047)
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.0037)
Vinyl acetate	NA	NA	ND (0.0093)
Vinyl chloride	0.03	0.48	ND (0.00093)
Xylene (Total)	1.2	100	ND (0.00093)
Other			
Total Solids (%)	NA	NA	87.4

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated
J+: Value is estimated, high bias
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Restricted-Use Residential SCOs, and Protection of Groundwater SCOs.
*- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.*
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

TABLE III
RI AND SRI ANALYTICAL RESULTS
547 CONEY ISLAND AVENUE AND 50 HINCKLEY PLACE
BROOKLYN, NEW YORK

	Criteria							
Location Name	Restricted Use Soil Cleanup Objectives - Protection of Groundwater 2025	NY Part 375 Restricted Residential Use Soil Cleanup Objectives 2025	B-02	B-02	B-03	B-19	B-19	B-19
Sample Name			B-02_20-22	B-02_38-40	B-03_38-40	B-19_15-17	B-19_36-38	B-19_42.5-43.5
Sample Date			02/20/2024	02/20/2024	02/14/2024	12/16/2024	12/16/2024	12/16/2024
Lab Sample ID			L2409088-02	L2409088-04	L2408139-05	L2473931-03	L2473931-04	L2473931-05
Sample Depth (bgs)			20 - 22 (ft)	38 - 40 (ft)	38 - 40 (ft)	15 - 18 (ft)	36 - 38 (ft)	42.5 - 43.5 (ft)
Volatile Organic Compounds (mg/kg)								
1,1,1,2-Tetrachloroethane	NA	NA	ND (0.00073)	ND (0.0006)	ND (0.26)	ND (0.0005)	ND (0.0006)	ND (0.031)
1,1,1-Trichloroethane	0.68	100	ND (0.00073)	ND (0.0006)	ND (0.26)	ND (0.0005)	ND (0.0006)	ND (0.031)
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.00073)	ND (0.0006)	ND (0.26)	ND (0.0005)	ND (0.0006)	ND (0.031)
1,1,2-Trichloroethane	NA	NA	ND (0.0014)	ND (0.0012)	ND (0.52)	ND (0.00099)	ND (0.0012)	ND (0.063)
1,1-Dichloroethane	0.27	47	ND (0.0014)	ND (0.0012)	ND (0.52)	ND (0.00099)	ND (0.0012)	ND (0.063)
1,1-Dichloroethene	0.33	0.98	ND (0.0014)	ND (0.0012)	ND (0.52)	ND (0.00099)	ND (0.0012)	ND (0.063)
1,1-Dichloropropene	NA	NA	ND (0.00073)	ND (0.0006)	ND (0.26)	ND (0.0005)	ND (0.0006)	ND (0.031)
1,2,3-Trichlorobenzene	NA	NA	ND (0.0029)	ND (0.0024)	ND (1)	ND (0.002)	ND (0.0024)	ND (0.12)
1,2,3-Trichloropropane	NA	NA	ND (0.0029)	ND (0.0024)	ND (1)	ND (0.002)	ND (0.0024)	ND (0.12)
1,2,4,5-Tetramethylbenzene	NA	NA	ND (0.0029)	0.0022 J	63	ND (0.002)	ND (0.0024)	0.079 J
1,2,4-Trichlorobenzene	NA	NA	ND (0.0029)	ND (0.0024)	ND (1)	ND (0.002)	ND (0.0024)	ND (0.12)
1,2,4-Trimethylbenzene	5.9	100	ND (0.0029)	0.0011 J	***310***	ND (0.002)	ND (0.0024)	0.55
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.0044)	ND (0.0036)	ND (1.5)	ND (0.003)	ND (0.0036)	ND (0.19)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.0014)	ND (0.0012)	ND (0.52)	ND (0.00099)	ND (0.0012)	ND (0.063)
1,2-Dichlorobenzene	1.1	100	ND (0.0029)	ND (0.0024)	ND (1)	ND (0.002)	ND (0.0024)	ND (0.12)
1,2-Dichloroethane	0.02	5.8	ND (0.0014)	ND (0.0012)	ND (0.52)	ND (0.00099)	ND (0.0012)	ND (0.063)
1,2-Dichloroethene (total)	NA	NA	ND (0.0014)	ND (0.0012)	ND (0.52)	ND (0.00099)	ND (0.0012)	ND (0.063)
1,2-Dichloropropane	NA	NA	ND (0.0014)	ND (0.0012)	ND (0.52)	ND (0.00099)	ND (0.0012)	ND (0.063)
1,3,5-Trimethylbenzene	3.1	100	ND (0.0029)	0.00023 J	***13***	ND (0.002)	ND (0.0024)	0.16
1,3-Dichlorobenzene	2.6	38	ND (0.0029)	ND (0.0024)	ND (1)	ND (0.002)	ND (0.0024)	ND (0.12)
1,3-Dichloropropane	NA	NA	ND (0.0029)	ND (0.0024)	ND (1)	ND (0.002)	ND (0.0024)	ND (0.12)
1,3-Dichloropropene	NA	NA	ND (0.00073)	ND (0.0006)	ND (0.26)	ND (0.0005)	ND (0.0006)	ND (0.031)
1,4-Dichlorobenzene	1.8	24	ND (0.0029)	ND (0.0024)	ND (1)	ND (0.002)	ND (0.0024)	ND (0.12)
1,4-Diethylbenzene	NA	NA	ND (0.0029)	0.001 J	17	ND (0.002)	ND (0.0024)	0.027 J
1,4-Dioxane	0.1	5.7	ND (0.12)	ND (0.096)	ND (41)	ND (0.08)	ND (0.096)	ND (5)
2,2-Dichloropropane	NA	NA	ND (0.0029)	ND (0.0024)	ND (1) J	ND (0.002)	ND (0.0024)	ND (0.12)
2-Butanone (Methyl Ethyl Ketone)	0.1	100	ND (0.014)	ND (0.012)	ND (5.2) J	ND (0.0099)	ND (0.012)	ND (0.63)
2-Chlorotoluene	NA	NA	ND (0.0029)	ND (0.0024)	ND (1)	ND (0.002)	ND (0.0024)	ND (0.12)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.014)	ND (0.012)	ND (5.2) J	ND (0.0099)	ND (0.012)	ND (0.63)
2-Phenylbutane (sec-Butylbenzene)	25	100	ND (0.0014)	0.00066 J	9.4	ND (0.00099)	ND (0.0012)	0.02 J
4-Chlorotoluene	NA	NA	ND (0.0029)	ND (0.0024)	ND (1)	ND (0.002)	ND (0.0024)	ND (0.12)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	ND (0.0029)	ND (0.0024)	48	ND (0.002)	ND (0.0024)	0.32
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.014)	ND (0.012)	ND (5.2) J	ND (0.0099)	ND (0.012)	ND (0.63)
Acetone	0.03	100	ND (0.014)	0.0083 J	ND (5.2)	ND (0.0099)	ND (0.012)	ND (0.63)
Acrylonitrile	NA	NA	ND (0.0058)	ND (0.0048)	ND (2.1) J	ND (0.004)	ND (0.0048)	ND (0.25)
Benzene	0.06	3.7	ND (0.00073)	ND (0.0006)	ND (0.26)	ND (0.0005)	ND (0.0006)	ND (0.031)
Bromobenzene	NA	NA	ND (0.0029)	ND (0.0024)	ND (1)	ND (0.002)	ND (0.0024)	ND (0.12)
Bromodichloromethane	NA	NA	ND (0.00073)	ND (0.0006)	ND (0.26)	ND (0.0005)	ND (0.0006)	ND (0.031)
Bromoform	NA	NA	ND (0.0058)	ND (0.0048)	ND (2.1)	ND (0.004)	ND (0.0048)	ND (0.25)
Bromomethane (Methyl Bromide)	NA	NA	ND (0.0029)	ND (0.0024)	ND (1)	ND (0.002)	ND (0.0024)	ND (0.12)
Carbon disulfide	NA	NA	ND (0.014)	ND (0.012)	ND (5.2)	ND (0.0099)	ND (0.012)	ND (0.63)
Carbon tetrachloride	0.76	7.1	ND (0.0014)	ND (0.0012)	ND (0.52)	ND (0.00099)	ND (0.0012)	ND (0.063)
Chlorobenzene	4.5	100	ND (0.00073)	ND (0.0006)	ND (0.26)	ND (0.0005)	ND (0.0006)	ND (0.031)
Chlorobromomethane	NA	NA	ND (0.0029)	ND (0.0024)	ND (1) J	ND (0.002)	ND (0.0024)	ND (0.12)
Chloroethane	NA	NA	ND (0.0029)	ND (0.0024)	ND (1)	ND (0.002)	ND (0.0024)	ND (0.12)
Chloroform (Trichloromethane)	0.37	24	ND (0.0022)	ND (0.0018)	ND (0.77)	ND (0.0015)	ND (0.0018)	ND (0.094)
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0058)	ND (0.0048)	ND (2.1)	ND (0.004)	ND (0.0048)	ND (0.25)
cis-1,2-Dichloroethene	0.19	41	ND (0.0014)	ND (0.0012)	ND (0.52)	ND (0.00099)	ND (0.0012)	ND (0.063)
cis-1,3-Dichloropropene	NA	NA	ND (0.00073)	ND (0.0006)	ND (0.26)	ND (0.0005)	ND (0.0006)	ND (0.031)
Cymene (p-Isopropyltoluene)	NA	NA	ND (0.0014)	ND (0.0012)	8.5	ND (0.00099)	ND (0.0012)	0.018 J
Dibromochloromethane	NA	NA	ND (0.0014)	ND (0.0012)	ND (0.52)	ND (0.00099)	ND (0.0012)	ND (0.063)
Dibromomethane	NA	NA	ND (0.0029)	ND (0.0024)	ND (1)	ND (0.002)	ND (0.0024)	ND (0.12)
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.014)	ND (0.012)	ND (5.2)	ND (0.0099)	ND (0.012)	ND (0.63)
Ethyl Ether	NA	NA	ND (0.0029)	ND (0.0024)	ND (1)	ND (0.002)	ND (0.0024)	ND (0.12)
Ethylbenzene	1	76	ND (0.0014)	0.001 J	***4.3***	ND (0.00099)	ND (0.0012)	0.22
Hexachlorobutadiene	NA	NA	ND (0.0058)	ND (0.0048)	ND (2.1)	ND (0.004)	ND (0.0048)	ND (0.25)
Isopropylbenzene (Cumene)	NA	NA	ND (0.0014)	0.0023	5.6	ND (0.00099)	ND (0.0012)	0.03 J
m,p-Xylenes	NA	NA	ND (0.0029)	0.0029	3.8	ND (0.002)	ND (0.0024)	0.73
Methyl Tert Butyl Ether (MTBE)	0.1	100	ND (0.0029)	ND (0.0024)	ND (1)	ND (0.002)	ND (0.0024)	ND (0.12)
Methylene chloride (Dichloromethane)	0.05	81	ND (0.0073)	ND (0.006)	ND (2.6)	ND (0.005)	ND (0.006)	ND (0.31)
Naphthalene	12	100	ND (0.0058)	0.001 J	9.7	ND (0.004)	ND (0.0048)	0.15 J
n-Butylbenzene	18	100	ND (0.0014)	0.00039 J	***26***	ND (0.00099)	ND (0.0012)	0.048 J
n-Propylbenzene	5	100	ND (0.0014)	0.0038	***32***	ND (0.00099)	ND (0.0012)	0.095
o-Xylene	NA	NA	ND (0.0014)	ND (0.0012)	0.26 J	ND (0.00099)	ND (0.0012)	0.05 J
Styrene	NA	NA	ND (0.0014)	ND (0.0012)	0.11 J	ND (0.00099)	ND (0.0012)	ND (0.063)
tert-Butylbenzene	11	100	ND (0.0029)	ND (0.0024)	0.45 J	ND (0.002)	ND (0.0024)	ND (0.12)
Tetrachloroethene	1.3	18	0.0012	ND (0.0006)	ND (0.26)	0.00033 J	0.0012	ND (0.031)
Toluene	0.7	100	ND (0.0014)	ND (0.0012)	ND (0.52)	ND (0.00099)	ND (0.0012)	ND (0.063)
trans-1,2-Dichloroethene	0.19	100	ND (0.0022)	ND (0.0018)	ND (0.77)	ND (0.0015)	ND (0.0018)	ND (0.094)
trans-1,3-Dichloropropene	NA	NA	ND (0.0014)	ND (0.0012)	ND (0.52)	ND (0.00099)	ND (0.0012)	ND (0.063)
trans-1,4-Dichloro-2-butene	NA	NA	ND (0.0073)	ND (0.006)	ND (2.6) J	ND (0.005)	ND (0.006)	ND (0.31)
Trichloroethene	0.47	6.4	ND (0.00073)	ND (0.0006)	ND (0.26)	ND (0.0005)	ND (0.0006)	ND (0.031)
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.0058)	ND (0.0048)	ND (2.1)	ND (0.004)	ND (0.0048)	ND (0.25)
Vinyl acetate	NA	NA	ND (0.014)	ND (0.012)	ND (5.2)	ND (0.0099)	ND (0.012)	ND (0.63)
Vinyl chloride	0.03	0.48	ND (0.0014)	ND (0.0012)	ND (0.52)	ND (0.00099)	ND (0.0012)	ND (0.063)
Xylene (Total)	1.2	100	ND (0.0014)	0.0029	***4.1 J***	ND (0.00099)	ND (0.0012)	0.78 J

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Restricted-Use Residential SCOs, and Protection of Groundwater SCOs.
*- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.*
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

TABLE III
RI AND SRI ANALYTICAL RESULTS
547 CONEY ISLAND AVENUE AND 50 HINCKLEY PLACE
BROOKLYN, NEW YORK

	Criteria							
Location Name			B-19	B-20	B-20	B-20	B-20	B-21
Sample Name	Restricted Use Soil Cleanup Objectives - Protection of Groundwater 2025	NY Part 375 Restricted Residential Use Soil Cleanup Objectives 2025	B-19_62-63	B-20_15-17	B-20_38-40	B-20_43.5-44.5	B-20_46-47	B-21_15-17
Sample Date			12/16/2024	12/12/2024	12/12/2024	12/12/2024	12/12/2024	12/13/2024
Lab Sample ID			L2473931-06	L2473278-05	L2473278-06	L2473278-07	L2473278-08	L2473618-03
Sample Depth (bgs)			62 - 63 (ft)	15 - 17 (ft)	38 - 40 (ft)	43.5 - 44.5 (ft)	46 - 47 (ft)	15 - 17 (ft)
Volatile Organic Compounds (mg/kg)								
1,1,1,2-Tetrachloroethane	NA	NA	ND (0.0006)	ND (0.00049)	ND (0.00058)	ND (0.16)	ND (0.0006)	ND (0.0005)
1,1,1-Trichloroethane	0.68	100	ND (0.0006)	ND (0.00049)	ND (0.00058)	ND (0.16)	ND (0.0006)	ND (0.0005)
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.0006)	ND (0.00049)	ND (0.00058)	ND (0.16)	ND (0.0006)	ND (0.0005)
1,1,2-Trichloroethane	NA	NA	ND (0.0012)	ND (0.00098)	ND (0.0012)	ND (0.32)	ND (0.0012)	ND (0.00099)
1,1-Dichloroethane	0.27	47	ND (0.0012)	ND (0.00098)	ND (0.0012)	ND (0.32)	ND (0.0012)	ND (0.00099)
1,1-Dichloroethene	0.33	0.98	ND (0.0012)	ND (0.00098)	ND (0.0012)	ND (0.32)	ND (0.0012)	ND (0.00099)
1,1-Dichloropropene	NA	NA	ND (0.0006)	ND (0.00049)	ND (0.00058)	ND (0.16)	ND (0.0006)	ND (0.0005)
1,2,3-Trichlorobenzene	NA	NA	ND (0.0024)	ND (0.002)	ND (0.0023)	ND (0.64)	ND (0.0024)	ND (0.002)
1,2,3-Trichloropropane	NA	NA	ND (0.0024)	ND (0.002)	ND (0.0023)	ND (0.64)	ND (0.0024)	ND (0.002)
1,2,4,5-Tetramethylbenzene	NA	NA	ND (0.0024)	ND (0.002)	ND (0.0023)	18	0.004	ND (0.002)
1,2,4-Trichlorobenzene	NA	NA	ND (0.0024)	ND (0.002)	ND (0.0023)	ND (0.64)	ND (0.0024)	ND (0.002)
1,2,4-Trimethylbenzene	5.9	100	0.00094 J	0.00057 J	0.0016 J	***160***	0.05	ND (0.002)
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.0036)	ND (0.0029)	ND (0.0035)	ND (0.96)	ND (0.0036)	ND (0.003)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.0012)	ND (0.00098)	ND (0.0012)	ND (0.32)	ND (0.0012)	ND (0.00099)
1,2-Dichlorobenzene	1.1	100	ND (0.0024)	ND (0.002)	ND (0.0023)	ND (0.64)	ND (0.0024)	ND (0.002)
1,2-Dichloroethane	0.02	5.8	ND (0.0012)	ND (0.00098)	ND (0.0012)	ND (0.32)	ND (0.0012)	ND (0.00099)
1,2-Dichloroethene (total)	NA	NA	ND (0.0012)	ND (0.00098)	ND (0.0012)	ND (0.32)	ND (0.0012)	ND (0.00099)
1,2-Dichloropropane	NA	NA	ND (0.0012)	ND (0.00098)	ND (0.0012)	ND (0.32)	ND (0.0012)	ND (0.00099)
1,3,5-Trimethylbenzene	3.1	100	0.00037 J	ND (0.002)	0.00026 J	***30***	0.0087	ND (0.002)
1,3-Dichlorobenzene	2.6	38	ND (0.0024)	ND (0.002)	ND (0.0023)	ND (0.64)	ND (0.0024)	ND (0.002)
1,3-Dichloropropane	NA	NA	ND (0.0024)	ND (0.002)	ND (0.0023)	ND (0.64)	ND (0.0024)	ND (0.002)
1,3-Dichloropropene	NA	NA	ND (0.0006)	ND (0.00049)	ND (0.00058)	ND (0.16)	ND (0.0006)	ND (0.0005)
1,4-Dichlorobenzene	1.8	24	ND (0.0024)	ND (0.002)	ND (0.0023)	ND (0.64)	ND (0.0024)	ND (0.002)
1,4-Diethylbenzene	NA	NA	ND (0.0024)	ND (0.002)	ND (0.0023)	53	0.0013 J	ND (0.002)
1,4-Dioxane	0.1	5.7	ND (0.095)	ND (0.078)	ND (0.092)	ND (26)	ND (0.096)	ND (0.079)
2,2-Dichloropropane	NA	NA	ND (0.0024)	ND (0.002)	ND (0.0023)	ND (0.64)	ND (0.0024)	ND (0.002)
2-Butanone (Methyl Ethyl Ketone)	0.1	100	ND (0.012)	ND (0.0098) J	ND (0.012) J	ND (3.2)	ND (0.012) J	ND (0.0099)
2-Chlorotoluene	NA	NA	ND (0.0024)	ND (0.002)	ND (0.0023)	ND (0.64)	ND (0.0024)	ND (0.002)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.012)	ND (0.0098) J	ND (0.012) J	ND (3.2)	ND (0.012) J	ND (0.0099)
2-Phenylbutane (sec-Butylbenzene)	25	100	ND (0.0012)	ND (0.00098)	ND (0.0012)	3.5	0.00079 J	ND (0.00099)
4-Chlorotoluene	NA	NA	ND (0.0024)	ND (0.002)	ND (0.0023)	ND (0.64)	ND (0.0024)	ND (0.002)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	0.00068 J	ND (0.002)	ND (0.0023)	42	0.013	ND (0.002)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.012)	ND (0.0098)	ND (0.012)	ND (3.2)	ND (0.012)	ND (0.0099)
Acetone	0.03	100	ND (0.012)	0.0048 J	ND (0.012)	ND (3.2)	ND (0.012)	ND (0.0099)
Acrylonitrile	NA	NA	ND (0.0048)	ND (0.0039)	ND (0.0046)	ND (1.3)	ND (0.0048)	ND (0.004)
Benzene	0.06	3.7	ND (0.0006)	ND (0.00049)	ND (0.00058)	ND (0.16)	ND (0.0006)	ND (0.0005)
Bromobenzene	NA	NA	ND (0.0024)	ND (0.002)	ND (0.0023)	ND (0.64)	ND (0.0024)	ND (0.002)
Bromodichloromethane	NA	NA	ND (0.0006)	ND (0.00049)	ND (0.00058)	ND (0.16)	ND (0.0006)	ND (0.0005)
Bromoform	NA	NA	ND (0.0048)	ND (0.0039)	ND (0.0046)	ND (1.3)	ND (0.0048)	ND (0.004)
Bromomethane (Methyl Bromide)	NA	NA	ND (0.0024)	ND (0.002)	ND (0.0023)	ND (0.64)	ND (0.0024)	ND (0.002)
Carbon disulfide	NA	NA	ND (0.012)	ND (0.0098)	ND (0.012)	ND (3.2)	ND (0.012)	ND (0.0099)
Carbon tetrachloride	0.76	7.1	ND (0.0012)	ND (0.00098)	ND (0.0012)	ND (0.32)	ND (0.0012)	ND (0.00099)
Chlorobenzene	4.5	100	ND (0.0006)	ND (0.00049)	ND (0.00058)	ND (0.16)	ND (0.0006)	ND (0.0005)
Chlorobromomethane	NA	NA	ND (0.0024)	ND (0.002)	ND (0.0023)	ND (0.64)	ND (0.0024)	ND (0.002)
Chloroethane	NA	NA	ND (0.0024)	ND (0.002)	ND (0.0023)	ND (0.64)	ND (0.0024)	ND (0.002)
Chloroform (Trichloromethane)	0.37	24	ND (0.0018)	ND (0.0015)	ND (0.0017)	ND (0.48)	ND (0.0018)	ND (0.0015)
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0048)	ND (0.0039)	ND (0.0046)	ND (1.3)	ND (0.0048)	ND (0.004)
cis-1,2-Dichloroethene	0.19	41	ND (0.0012)	ND (0.00098)	ND (0.0012)	ND (0.32)	ND (0.0012)	ND (0.00099)
cis-1,3-Dichloropropene	NA	NA	ND (0.0006)	ND (0.00049)	ND (0.00058)	ND (0.16)	ND (0.0006)	ND (0.0005)
Cymene (p-Isopropyltoluene)	NA	NA	ND (0.0012)	ND (0.00098)	ND (0.0012)	5	0.00097 J	ND (0.00099)
Dibromochloromethane	NA	NA	ND (0.0012)	ND (0.00098)	ND (0.0012)	ND (0.32)	ND (0.0012)	ND (0.00099)
Dibromomethane	NA	NA	ND (0.0024)	ND (0.002)	ND (0.0023)	ND (0.64)	ND (0.0024)	ND (0.002)
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.012)	ND (0.0098)	ND (0.012)	ND (3.2)	ND (0.012)	ND (0.0099)
Ethyl Ether	NA	NA	ND (0.0024)	ND (0.002)	ND (0.0023)	ND (0.64)	ND (0.0024)	ND (0.002)
Ethylbenzene	1	76	0.0007 J	ND (0.00098)	ND (0.0012)	***14***	0.0071	ND (0.00099)
Hexachlorobutadiene	NA	NA	ND (0.0048)	ND (0.0039)	ND (0.0046)	ND (1.3)	ND (0.0048)	ND (0.004)
Isopropylbenzene (Cumene)	NA	NA	ND (0.0012)	ND (0.00098)	ND (0.0012)	7.4	0.0025	ND (0.00099)
m,p-Xylenes	NA	NA	0.0021 J	ND (0.002)	ND (0.0023)	20	0.0084	ND (0.002)
Methyl Tert Butyl Ether (MTBE)	0.1	100	ND (0.0024)	ND (0.002)	ND (0.0023)	ND (0.64)	ND (0.0024)	ND (0.002)
Methylene chloride (Dichloromethane)	0.05	81	ND (0.006)	ND (0.0049)	ND (0.0058)	ND (1.6)	ND (0.006)	ND (0.005) J
Naphthalene	12	100	ND (0.0048)	ND (0.0039)	ND (0.0046)	***18***	0.0061	ND (0.004)
n-Butylbenzene	18	100	ND (0.0012)	ND (0.00098)	ND (0.0012)	9.4	0.0016	ND (0.00099)
n-Propylbenzene	5	100	ND (0.0012)	ND (0.00098)	ND (0.0012)	***21***	0.0068	ND (0.00099)
o-Xylene	NA	NA	ND (0.0012)	ND (0.00098)	ND (0.0012)	0.59	ND (0.0012)	ND (0.00099)
Styrene	NA	NA	ND (0.0012)	ND (0.00098)	ND (0.0012)	ND (0.32)	ND (0.0012)	ND (0.00099)
tert-Butylbenzene	11	100	ND (0.0024)	ND (0.002)	ND (0.0023)	ND (0.64)	ND (0.0024)	ND (0.002)
Tetrachloroethene	1.3	18	ND (0.0006)	ND (0.00049)	ND (0.00058)	ND (0.16)	ND (0.0006)	ND (0.0005)
Toluene	0.7	100	ND (0.0012)	ND (0.00098)	ND (0.0012)	ND (0.32)	ND (0.0012)	ND (0.00099)
trans-1,2-Dichloroethene	0.19	100	ND (0.0018)	ND (0.0015)	ND (0.0017)	ND (0.48)	ND (0.0018)	ND (0.0015)
trans-1,3-Dichloropropene	NA	NA	ND (0.0012)	ND (0.00098)	ND (0.0012)	ND (0.32)	ND (0.0012)	ND (0.00099)
trans-1,4-Dichloro-2-butene	NA	NA	ND (0.006)	ND (0.0049)	ND (0.0058)	ND (1.6)	ND (0.006)	ND (0.005)
Trichloroethene	0.47	6.4	ND (0.0006)	ND (0.00049)	ND (0.00058)	ND (0.16)	ND (0.0006)	ND (0.0005)
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.0048)	ND (0.0039)	ND (0.0046)	ND (1.3)	ND (0.0048)	ND (0.004)
Vinyl acetate	NA	NA	ND (0.012)	ND (0.0098) J	ND (0.012) J	ND (3.2)	ND (0.012) J	ND (0.0099)
Vinyl chloride	0.03	0.48	ND (0.0012)	ND (0.00098)	ND (0.0012)	ND (0.32)	ND (0.0012)	ND (0.00099)
Xylene (Total)	1.2	100	0.0021 J	ND (0.00098)	ND (0.0012)	***21***	0.0084	ND (0.00099)

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Restricted-Use Residential SCOs, and Protection of Groundwater SCOs.
*- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.*
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

TABLE III
RI AND SRI ANALYTICAL RESULTS
547 CONEY ISLAND AVENUE AND 50 HINCKLEY PLACE
BROOKLYN, NEW YORK

	Criteria							
Location Name			B-21	B-21	B-21	B-22	B-22	B-22
Sample Name	Restricted Use Soil Cleanup Objectives - Protection of Groundwater 2025	NY Part 375 Restricted Residential Use Soil Cleanup Objectives 2025	B-21_36.5-38.5	B-21_47.5-48.5	B-21_59-60	B-22_15-17	B-22_37-39	B-22_40-41
Sample Date			12/13/2024	12/13/2024	12/13/2024	12/13/2024	12/16/2024	12/16/2024
Lab Sample ID			L2473618-04	L2473618-05	L2473618-06	L2473618-10	L2473931-10	L2473931-07
Sample Depth (bgs)			36.5 - 38.5 (ft)	47.5 - 48.5 (ft)	59 - 60 (ft)	15 - 17 (ft)	37 - 39 (ft)	40 - 41 (ft)
Volatile Organic Compounds (mg/kg)								
1,1,1,2-Tetrachloroethane	NA	NA	ND (0.00053)	ND (0.066)	ND (0.00061)	ND (0.0008)	ND (0.00052)	ND (0.059)
1,1,1-Trichloroethane	0.68	100	ND (0.00053)	ND (0.066) J	ND (0.00061)	ND (0.0008)	ND (0.00052)	ND (0.059)
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.00053)	ND (0.066)	ND (0.00061)	ND (0.0008)	ND (0.00052)	ND (0.059)
1,1,2-Trichloroethane	NA	NA	ND (0.0011)	ND (0.13)	ND (0.0012)	ND (0.0016)	ND (0.001)	ND (0.12)
1,1-Dichloroethane	0.27	47	ND (0.0011)	ND (0.13) J	ND (0.0012)	ND (0.0016)	ND (0.001)	ND (0.12)
1,1-Dichloroethene	0.33	0.98	ND (0.0011)	ND (0.13) J	ND (0.0012)	ND (0.0016)	ND (0.001)	ND (0.12)
1,1-Dichloropropene	NA	NA	ND (0.00053)	ND (0.066) J	ND (0.00061)	ND (0.0008)	ND (0.00052)	ND (0.059)
1,2,3-Trichlorobenzene	NA	NA	ND (0.0021)	ND (0.26)	ND (0.0024)	ND (0.0032)	ND (0.0021)	ND (0.24)
1,2,3-Trichloropropane	NA	NA	ND (0.0021)	ND (0.26)	ND (0.0024)	ND (0.0032)	ND (0.0021)	ND (0.24)
1,2,4,5-Tetramethylbenzene	NA	NA	ND (0.0021)	9.7	0.00053 J	ND (0.0032)	ND (0.0021)	6.7
1,2,4-Trichlorobenzene	NA	NA	ND (0.0021)	ND (0.26)	ND (0.0024)	ND (0.0032)	ND (0.0021)	ND (0.24)
1,2,4-Trimethylbenzene	5.9	100	0.00064 J	***79***	0.00067 J	ND (0.0032)	0.00043 J	***53***
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.0032)	ND (0.4)	ND (0.0036)	ND (0.0048)	ND (0.0031)	ND (0.35)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.0011)	ND (0.13)	ND (0.0012)	ND (0.0016)	ND (0.001)	ND (0.12)
1,2-Dichlorobenzene	1.1	100	ND (0.0021)	ND (0.26)	ND (0.0024)	ND (0.0032)	ND (0.0021)	ND (0.24)
1,2-Dichloroethane	0.02	5.8	ND (0.0011)	ND (0.13) J	ND (0.0012)	ND (0.0016)	ND (0.001)	ND (0.12)
1,2-Dichloroethene (total)	NA	NA	ND (0.0011)	ND (0.13) J	ND (0.0012)	ND (0.0016)	ND (0.001)	ND (0.12)
1,2-Dichloropropane	NA	NA	ND (0.0011)	ND (0.13)	ND (0.0012)	ND (0.0016)	ND (0.001)	ND (0.12)
1,3,5-Trimethylbenzene	3.1	100	0.00021 J	***22***	ND (0.0024)	ND (0.0032)	ND (0.0021)	***16***
1,3-Dichlorobenzene	2.6	38	ND (0.0021)	ND (0.26)	ND (0.0024)	ND (0.0032)	ND (0.0021)	ND (0.24)
1,3-Dichloropropane	NA	NA	ND (0.0021)	ND (0.26)	ND (0.0024)	ND (0.0032)	ND (0.0021)	ND (0.24)
1,3-Dichloropropene	NA	NA	ND (0.00053)	ND (0.066)	ND (0.00061)	ND (0.0008)	ND (0.00052)	ND (0.059)
1,4-Dichlorobenzene	1.8	24	ND (0.0021)	ND (0.26)	ND (0.0024)	ND (0.0032)	ND (0.0021)	ND (0.24)
1,4-Diethylbenzene	NA	NA	ND (0.0021)	30	0.00054 J	ND (0.0032)	ND (0.0021)	2.8
1,4-Dioxane	0.1	5.7	ND (0.085)	ND (11)	ND (0.097)	ND (0.13)	ND (0.084)	ND (9.4)
2,2-Dichloropropane	NA	NA	ND (0.0021)	ND (0.26)	ND (0.0024)	ND (0.0032)	ND (0.0021)	ND (0.24)
2-Butanone (Methyl Ethyl Ketone)	0.1	100	ND (0.011)	ND (1.3) J	ND (0.012)	ND (0.016)	ND (0.01)	ND (1.2)
2-Chlorotoluene	NA	NA	ND (0.0021)	ND (0.26)	ND (0.0024)	ND (0.0032)	ND (0.0021)	ND (0.24)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.011)	ND (1.3)	ND (0.012)	ND (0.016)	ND (0.01)	ND (1.2)
2-Phenylbutane (sec-Butylbenzene)	25	100	ND (0.0011)	2	0.00047 J	ND (0.0016)	ND (0.001)	1.2
4-Chlorotoluene	NA	NA	ND (0.0021)	ND (0.26)	ND (0.0024)	ND (0.0032)	ND (0.0021)	ND (0.24)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	ND (0.0021)	37	ND (0.0024)	ND (0.0032)	ND (0.0021)	16
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.011)	ND (1.3)	ND (0.012)	ND (0.016)	ND (0.01)	ND (1.2)
Acetone	0.03	100	ND (0.011)	ND (1.3)	ND (0.012)	ND (0.016)	ND (0.01)	ND (1.2)
Acrylonitrile	NA	NA	ND (0.0042)	ND (0.53) J	ND (0.0049)	ND (0.0064)	ND (0.0042)	ND (0.47)
Benzene	0.06	3.7	ND (0.00053)	ND (0.066) J	ND (0.00061)	ND (0.0008)	ND (0.00052)	ND (0.059)
Bromobenzene	NA	NA	ND (0.0021)	ND (0.26)	ND (0.0024)	ND (0.0032)	ND (0.0021)	ND (0.24)
Bromodichloromethane	NA	NA	ND (0.00053)	ND (0.066)	ND (0.00061)	ND (0.0008)	ND (0.00052)	ND (0.059)
Bromoform	NA	NA	ND (0.0042)	ND (0.53)	ND (0.0049)	ND (0.0064)	ND (0.0042)	ND (0.47)
Bromomethane (Methyl Bromide)	NA	NA	ND (0.0021)	ND (0.26) J	ND (0.0024)	ND (0.0032)	ND (0.0021)	ND (0.24)
Carbon disulfide	NA	NA	ND (0.011)	ND (1.3) J	ND (0.012)	ND (0.016)	ND (0.01)	ND (1.2)
Carbon tetrachloride	0.76	7.1	ND (0.0011)	ND (0.13) J	ND (0.0012)	ND (0.0016)	ND (0.001)	ND (0.12)
Chlorobenzene	4.5	100	ND (0.00053)	ND (0.066)	ND (0.00061)	ND (0.0008)	ND (0.00052)	ND (0.059)
Chlorobromomethane	NA	NA	ND (0.0021)	ND (0.26)	ND (0.0024)	ND (0.0032)	ND (0.0021)	ND (0.24)
Chloroethane	NA	NA	ND (0.0021)	ND (0.26) J	ND (0.0024)	ND (0.0032)	ND (0.0021)	ND (0.24)
Chloroform (Trichloromethane)	0.37	24	ND (0.0016)	ND (0.2) J	ND (0.0018)	ND (0.0024)	ND (0.0016)	ND (0.18)
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0042)	ND (0.53) J	ND (0.0049)	ND (0.0064)	ND (0.0042)	ND (0.47)
cis-1,2-Dichloroethene	0.19	41	ND (0.0011)	ND (0.13) J	ND (0.0012)	ND (0.0016)	ND (0.001)	ND (0.12)
cis-1,3-Dichloropropene	NA	NA	ND (0.00053)	ND (0.066)	ND (0.00061)	ND (0.0008)	ND (0.00052)	ND (0.059)
Cymene (p-Isopropyltoluene)	NA	NA	ND (0.0011)	1.9	ND (0.0012)	ND (0.0016)	ND (0.001)	1.5
Dibromochloromethane	NA	NA	ND (0.0011)	ND (0.13)	ND (0.0012)	ND (0.0016)	ND (0.001)	ND (0.12)
Dibromomethane	NA	NA	ND (0.0021)	ND (0.26)	ND (0.0024)	ND (0.0032)	ND (0.0021)	ND (0.24)
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.011)	ND (1.3) J	ND (0.012)	ND (0.016)	ND (0.01)	ND (1.2)
Ethyl Ether	NA	NA	ND (0.0021)	ND (0.26)	ND (0.0024)	ND (0.0032)	ND (0.0021)	ND (0.24)
Ethylbenzene	1	76	ND (0.0011)	***27***	0.00045 J	ND (0.0016)	0.00031 J	***18***
Hexachlorobutadiene	NA	NA	ND (0.0042)	ND (0.53)	ND (0.0049)	ND (0.0064)	ND (0.0042)	ND (0.47)
Isopropylbenzene (Cumene)	NA	NA	ND (0.0011)	4.1	0.00022 J	ND (0.0016)	ND (0.001)	2.6
m,p-Xylenes	NA	NA	ND (0.0021)	72	0.0012 J	ND (0.0032)	ND (0.0021)	24
Methyl Tert Butyl Ether (MTBE)	0.1	100	ND (0.0021)	ND (0.26) J	ND (0.0024)	ND (0.0032)	ND (0.0021)	ND (0.24)
Methylene chloride (Dichloromethane)	0.05	81	ND (0.0053)	ND (0.66) J	ND (0.0061) J	ND (0.008) J	ND (0.0052)	ND (0.59)
Naphthalene	12	100	ND (0.0042)	4.8	ND (0.0049)	ND (0.0064)	ND (0.0042)	9.6
n-Butylbenzene	18	100	ND (0.0011)	7.8	ND (0.0012)	ND (0.0016)	ND (0.001)	3.8
n-Propylbenzene	5	100	ND (0.0011)	***15***	0.00024 J	ND (0.0016)	ND (0.001)	***8.4***
o-Xylene	NA	NA	ND (0.0011)	0.89	ND (0.0012)	ND (0.0016)	ND (0.001)	0.27
Styrene	NA	NA	ND (0.0011)	ND (0.13)	ND (0.0012)	ND (0.0016)	ND (0.001)	ND (0.12)
tert-Butylbenzene	11	100	ND (0.0021)	ND (0.26)	ND (0.0024)	ND (0.0032)	ND (0.0021)	0.097 J
Tetrachloroethene	1.3	18	0.00035 J	ND (0.066)	ND (0.00061)	ND (0.0008)	0.00022 J	ND (0.059)
Toluene	0.7	100	ND (0.0011)	0.39	ND (0.0012)	ND (0.0016)	ND (0.001)	0.066 J
trans-1,2-Dichloroethene	0.19	100	ND (0.0016)	ND (0.2) J	ND (0.0018)	ND (0.0024)	ND (0.0016)	ND (0.18)
trans-1,3-Dichloropropene	NA	NA	ND (0.0011)	ND (0.13)	ND (0.0012)	ND (0.0016)	ND (0.001)	ND (0.12)
trans-1,4-Dichloro-2-butene	NA	NA	ND (0.0053)	ND (0.66)	ND (0.0061)	ND (0.008)	ND (0.0052)	ND (0.59)
Trichloroethene	0.47	6.4	ND (0.00053)	ND (0.066)	ND (0.00061)	ND (0.0008)	ND (0.00052)	ND (0.059)
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.0042)	ND (0.53) J	ND (0.0049)	ND (0.0064)	ND (0.0042)	ND (0.47)
Vinyl acetate	NA	NA	ND (0.011)	ND (1.3) J	ND (0.012)	ND (0.016)	ND (0.01)	ND (1.2)
Vinyl chloride	0.03	0.48	ND (0.0011)	ND (0.13) J	ND (0.0012)	ND (0.0016)	ND (0.001)	ND (0.12)
Xylene (Total)	1.2	100	ND (0.0011)	***73***	0.0012 J	ND (0.0016)	ND (0.001)	***24***

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Restricted-Use Residential SCOs, and Protection of Groundwater SCOs.
*- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.*
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

TABLE III
RI AND SRI ANALYTICAL RESULTS
547 CONEY ISLAND AVENUE AND 50 HINCKLEY PLACE
BROOKLYN, NEW YORK

Location Name / Sample Name / Sample Date / Lab Sample ID / Sample Depth (bgs)	Criteria		
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater 2025	NY Part 375 Restricted Residential Use Soil Cleanup Objectives 2025	B-22 B-22_64-65 12/16/2024 L2473931-08 64 - 65 (ft)
Volatile Organic Compounds (mg/kg)			
1,1,1,2-Tetrachloroethane	NA	NA	ND (0.00065)
1,1,1-Trichloroethane	0.68	100	ND (0.00065)
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.00065)
1,1,2-Trichloroethane	NA	NA	ND (0.0013)
1,1-Dichloroethane	0.27	47	ND (0.0013)
1,1-Dichloroethene	0.33	0.98	ND (0.0013)
1,1-Dichloropropene	NA	NA	ND (0.00065)
1,2,3-Trichlorobenzene	NA	NA	ND (0.0026)
1,2,3-Trichloropropane	NA	NA	ND (0.0026)
1,2,4,5-Tetramethylbenzene	NA	NA	ND (0.0026)
1,2,4-Trichlorobenzene	NA	NA	ND (0.0026)
1,2,4-Trimethylbenzene	5.9	100	ND (0.0026)
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.0039)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.0013)
1,2-Dichlorobenzene	1.1	100	ND (0.0026)
1,2-Dichloroethane	0.02	5.8	ND (0.0013)
1,2-Dichloroethene (total)	NA	NA	ND (0.0013)
1,2-Dichloropropane	NA	NA	ND (0.0013)
1,3,5-Trimethylbenzene	3.1	100	ND (0.0026)
1,3-Dichlorobenzene	2.6	38	ND (0.0026)
1,3-Dichloropropane	NA	NA	ND (0.0026)
1,3-Dichloropropene	NA	NA	ND (0.00065)
1,4-Dichlorobenzene	1.8	24	ND (0.0026)
1,4-Diethylbenzene	NA	NA	ND (0.0026)
1,4-Dioxane	0.1	5.7	ND (0.1)
2,2-Dichloropropane	NA	NA	ND (0.0026)
2-Butanone (Methyl Ethyl Ketone)	0.1	100	ND (0.013)
2-Chlorotoluene	NA	NA	ND (0.0026)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.013)
2-Phenylbutane (sec-Butylbenzene)	25	100	ND (0.0013)
4-Chlorotoluene	NA	NA	ND (0.0026)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	ND (0.0026)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.013)
Acetone	0.03	100	ND (0.013)
Acrylonitrile	NA	NA	ND (0.0052)
Benzene	0.06	3.7	ND (0.00065)
Bromobenzene	NA	NA	ND (0.0026)
Bromodichloromethane	NA	NA	ND (0.00065)
Bromoform	NA	NA	ND (0.0052)
Bromomethane (Methyl Bromide)	NA	NA	ND (0.0026)
Carbon disulfide	NA	NA	ND (0.013)
Carbon tetrachloride	0.76	7.1	ND (0.0013)
Chlorobenzene	4.5	100	ND (0.00065)
Chlorobromomethane	NA	NA	ND (0.0026)
Chloroethane	NA	NA	ND (0.0026)
Chloroform (Trichloromethane)	0.37	24	ND (0.0019)
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0052)
cis-1,2-Dichloroethene	0.19	41	ND (0.0013)
cis-1,3-Dichloropropene	NA	NA	ND (0.00065)
Cymene (p-Isopropyltoluene)	NA	NA	ND (0.0013)
Dibromochloromethane	NA	NA	ND (0.0013)
Dibromomethane	NA	NA	ND (0.0026)
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.013)
Ethyl Ether	NA	NA	ND (0.0026)
Ethylbenzene	1	76	0.00021 J
Hexachlorobutadiene	NA	NA	ND (0.0052)
Isopropylbenzene (Cumene)	NA	NA	ND (0.0013)
m,p-Xylenes	NA	NA	ND (0.0026)
Methyl Tert Butyl Ether (MTBE)	0.1	100	ND (0.0026)
Methylene chloride (Dichloromethane)	0.05	81	ND (0.0065)
Naphthalene	12	100	ND (0.0052)
n-Butylbenzene	18	100	ND (0.0013)
n-Propylbenzene	5	100	ND (0.0013)
o-Xylene	NA	NA	ND (0.0013)
Styrene	NA	NA	ND (0.0013)
tert-Butylbenzene	11	100	ND (0.0026)
Tetrachloroethene	1.3	18	ND (0.00065)
Toluene	0.7	100	ND (0.0013)
trans-1,2-Dichloroethene	0.19	100	ND (0.0019)
trans-1,3-Dichloropropene	NA	NA	ND (0.0013)
trans-1,4-Dichloro-2-butene	NA	NA	ND (0.0065)
Trichloroethene	0.47	6.4	ND (0.00065)
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.0052)
Vinyl acetate	NA	NA	ND (0.013)
Vinyl chloride	0.03	0.48	ND (0.0013)
Xylene (Total)	1.2	100	ND (0.0013)

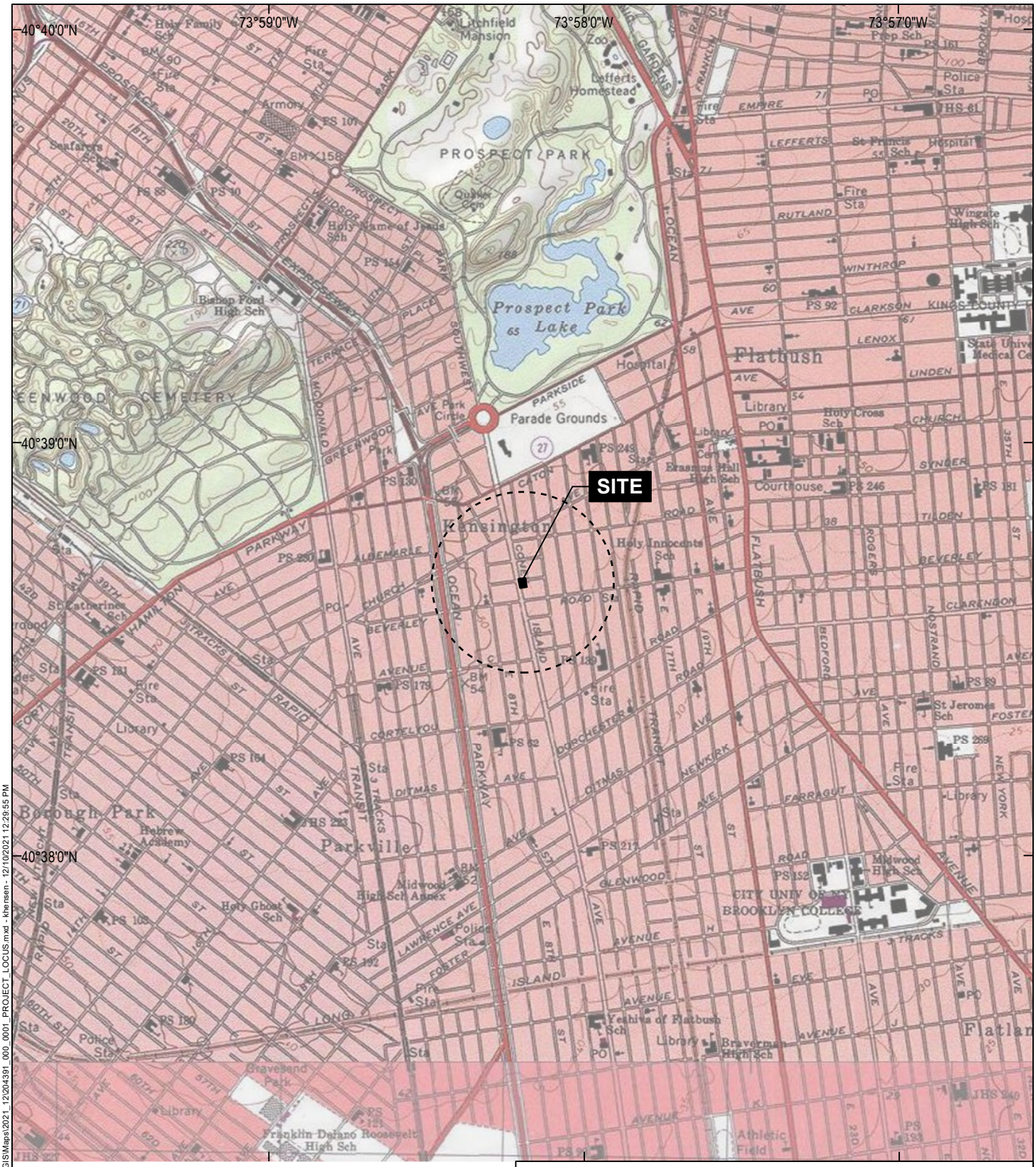
ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Restricted-Use Residential SCOs, and Protection of Groundwater SCOs.
*- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.*
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

FIGURES



547 CONEY ISLAND AVENUE AND 50 HINCKLEY PLACE
BROOKLYN, NEW YORK

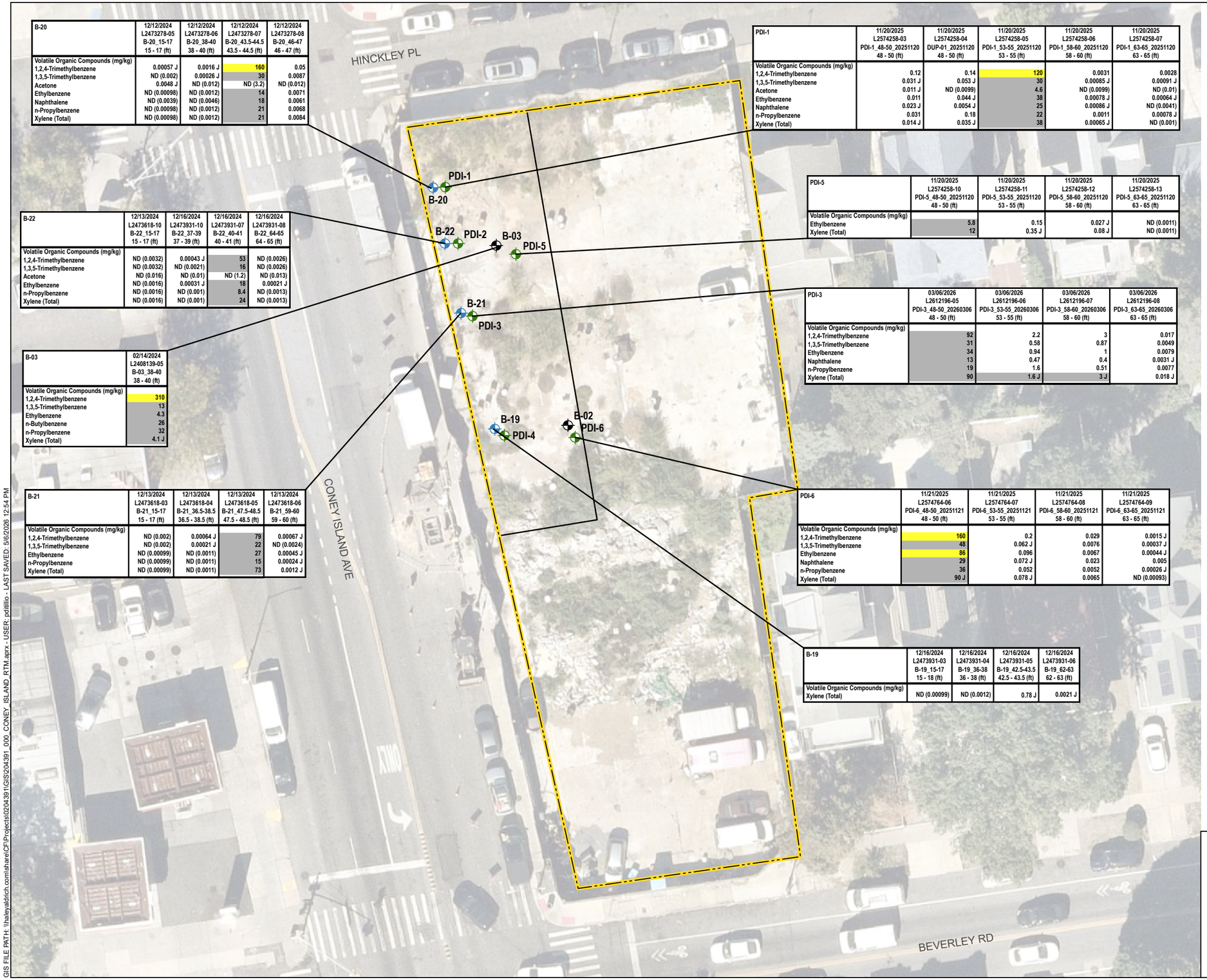
PROJECT LOCUS

MAP SOURCE: USGS
SITE COORDINATES: 40°38'39"N, 73°58'10"W

APPROXIMATE SCALE: 1 IN = 2000 FT
JULY 2025

FIGURE 1

GIS: \\haleyaldrich.com\share\CF\Projects\0204391\GIS\Maps\2021_12\204391_000_0001_PROJECT_LOCUS.mxd - khensen - 12/10/2021 12:29:55 PM



B-20	12/12/2024 L2473278-05 B-20_15-17 15 - 17 (ft)	12/12/2024 L2473278-06 B-20_38-40 38 - 40 (ft)	12/12/2024 L2473278-07 B-20_43.5-44.5 43.5 - 44.5 (ft)	12/12/2024 L2473278-08 B-20_46-47 46 - 47 (ft)
Volatile Organic Compounds (mg/kg)				
1,2,4-Trimethylbenzene	0.00057 J	0.0016 J	160	0.05
1,3,5-Trimethylbenzene	ND (0.002)	0.00026 J	30	0.0087
Acetone	0.0048 J	ND (0.012)	ND (3.2)	ND (0.012)
Ethylbenzene	ND (0.00098)	ND (0.0012)	14	0.0071
Naphthalene	ND (0.0039)	ND (0.0046)	18	0.0061
n-Propylbenzene	ND (0.00098)	ND (0.0012)	21	0.0068
Xylene (Total)	ND (0.00098)	ND (0.0012)	21	0.0084

B-22	12/13/2024 L2473618-10 B-22_15-17 15 - 17 (ft)	12/16/2024 L2473931-10 B-22_37-39 37 - 39 (ft)	12/16/2024 L2473931-07 B-22_40-41 40 - 41 (ft)	12/16/2024 L2473931-08 B-22_64-65 64 - 65 (ft)
Volatile Organic Compounds (mg/kg)				
1,2,4-Trimethylbenzene	ND (0.0032)	0.00043 J	53	ND (0.0026)
1,3,5-Trimethylbenzene	ND (0.0032)	ND (0.0021)	16	ND (0.0026)
Acetone	ND (0.016)	ND (0.01)	ND (1.2)	ND (0.013)
Ethylbenzene	ND (0.0016)	0.00031 J	18	0.00021 J
n-Propylbenzene	ND (0.0016)	ND (0.001)	8.4	ND (0.0013)
Xylene (Total)	ND (0.0016)	ND (0.001)	24	ND (0.0013)

B-03	02/14/2024 L2408139-05 B-03_38-40 38 - 40 (ft)
Volatile Organic Compounds (mg/kg)	
1,2,4-Trimethylbenzene	310
1,3,5-Trimethylbenzene	13
Ethylbenzene	4.3
n-Butylbenzene	26
n-Propylbenzene	32
Xylene (Total)	4.1 J

B-21	12/13/2024 L2473618-03 B-21_15-17 15 - 17 (ft)	12/13/2024 L2473618-04 B-21_36.5-38.5 36.5 - 38.5 (ft)	12/13/2024 L2473618-05 B-21_47.5-48.5 47.5 - 48.5 (ft)	12/13/2024 L2473618-06 B-21_59-60 59 - 60 (ft)
Volatile Organic Compounds (mg/kg)				
1,2,4-Trimethylbenzene	ND (0.002)	0.00064 J	79	0.00067 J
1,3,5-Trimethylbenzene	ND (0.002)	0.00021 J	22	ND (0.0024)
Ethylbenzene	ND (0.00099)	ND (0.0011)	27	0.00045 J
n-Propylbenzene	ND (0.00099)	ND (0.0011)	15	0.00024 J
Xylene (Total)	ND (0.00099)	ND (0.0011)	73	0.0012 J

PDI-1	11/20/2025 L2574258-03 PDI-1_48-50_20251120 48 - 50 (ft)	11/20/2025 L2574258-04 DUP-01_20251120 48 - 50 (ft)	11/20/2025 L2574258-05 PDI-1_53-55_20251120 53 - 55 (ft)	11/20/2025 L2574258-06 PDI-1_58-60_20251120 58 - 60 (ft)	11/20/2025 L2574258-07 PDI-1_63-65_20251120 63 - 65 (ft)
Volatile Organic Compounds (mg/kg)					
1,2,4-Trimethylbenzene	0.12	0.14	120	0.0031	0.0028
1,3,5-Trimethylbenzene	0.031 J	0.053 J	30	0.00085 J	0.00091 J
Acetone	0.011 J	ND (0.0099)	4.6	ND (0.0099)	ND (0.01)
Ethylbenzene	0.011	0.044 J	38	0.00078 J	0.00064 J
Naphthalene	0.023 J	0.0054 J	25	0.00086 J	ND (0.0041)
n-Propylbenzene	0.031	0.18	22	0.0011	0.00078 J
Xylene (Total)	0.014 J	0.035 J	38	0.00065 J	ND (0.001)

PDI-5	11/20/2025 L2574258-10 PDI-5_48-50_20251120 48 - 50 (ft)	11/20/2025 L2574258-11 PDI-5_53-55_20251120 53 - 55 (ft)	11/20/2025 L2574258-12 PDI-5_58-60_20251120 58 - 60 (ft)	11/20/2025 L2574258-13 PDI-5_63-65_20251120 63 - 65 (ft)
Volatile Organic Compounds (mg/kg)				
Ethylbenzene	5.8	0.15	0.027 J	ND (0.0011)
Xylene (Total)	12	0.35 J	0.08 J	ND (0.0011)

PDI-3	03/06/2026 L2612196-05 PDI-3_48-50_20260306 48 - 50 (ft)	03/06/2026 L2612196-06 PDI-3_53-55_20260306 53 - 55 (ft)	03/06/2026 L2612196-07 PDI-3_58-60_20260306 58 - 60 (ft)	03/06/2026 L2612196-08 PDI-3_63-65_20260306 63 - 65 (ft)
Volatile Organic Compounds (mg/kg)				
1,2,4-Trimethylbenzene	92	2.2	3	0.017
1,3,5-Trimethylbenzene	31	0.58	0.87	0.0049
Ethylbenzene	34	0.94	1	0.0079
Naphthalene	13	0.47	0.4	0.0031 J
n-Propylbenzene	19	1.6	0.51	0.0077
Xylene (Total)	90	1.6 J	3 J	0.018 J

PDI-6	11/21/2025 L2574764-06 PDI-6_48-50_20251121 48 - 50 (ft)	11/21/2025 L2574764-07 PDI-6_53-55_20251121 53 - 55 (ft)	11/21/2025 L2574764-08 PDI-6_58-60_20251121 58 - 60 (ft)	11/21/2025 L2574764-09 PDI-6_63-65_20251121 63 - 65 (ft)
Volatile Organic Compounds (mg/kg)				
1,2,4-Trimethylbenzene	160	0.2	0.029	0.0015 J
1,3,5-Trimethylbenzene	48	0.062 J	0.0076	0.00037 J
Ethylbenzene	86	0.096	0.0067	0.00044 J
Naphthalene	29	0.072 J	0.023	0.005
n-Propylbenzene	36	0.052	0.0052	0.00026 J
Xylene (Total)	90 J	0.078 J	0.0065	ND (0.00093)

B-19	12/16/2024 L2473931-03 B-19_15-17 15 - 18 (ft)	12/16/2024 L2473931-04 B-19_36-38 36 - 38 (ft)	12/16/2024 L2473931-05 B-19_42.5-43.5 42.5 - 43.5 (ft)	12/16/2024 L2473931-06 B-19_62-63 62 - 63 (ft)
Volatile Organic Compounds (mg/kg)				
Xylene (Total)	ND (0.00099)	ND (0.0012)	0.78 J	0.0021 J

LEGEND

- SOIL BORING, REMEDIAL INVESTIGATION (RI)
- SOIL BORING, PRE-DESIGN INVESTIGATION (PDI)
- SOIL BORING, SUPPLEMENTAL REMEDIAL INVESTIGATION (SRI)
- PROPOSED TREATMENT AREA (APPROXIMATELY 4,400 SF)
- SITE BOUNDARY

Analyte	NY-RESR	NY-PGW
Volatile Organic Compounds (mg/kg)		
1,2,4-Trimethylbenzene	100	5.9
1,3,5-Trimethylbenzene	100	3.1
Acetone	100	0.03
Ethylbenzene	76	1
Naphthalene	100	12
n-Butylbenzene	100	18
n-Propylbenzene	100	5
Xylene (Total)	100	1.2

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SOIL ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TITLE 6 OF THE OFFICIAL COMPILATION OF NEW YORK CODES, RULES, AND REGULATIONS (NYCRR) PART 375 RESTRICTED-USE RESIDENTIAL SOIL CLEANUP OBJECTIVES (SCOS) AND PROTECTION OF GROUNDWATER (PGW) SCOS.
3. EXCEEDANCES OF THE OF THE PGW SCOS ARE SHADED GRAY.
4. EXCEEDANCES OF THE OF THE RESTRICTED SCOS ARE SHADED YELLOW.
5. NY-RESR - NYSDEC PART 375 RESTRICTED-USE RESIDENTIAL SCOs
6. NY-PGW - NYSDEC PART 375 PROTECTION OF GW SCOs
7. ONLY DATA COLLECTED AT DEPTHS OF 15 FEET BELOW GROUND SURFACE AND GREATER IS DISPLAYED FOR COMPARISON PURPOSES.
8. DEFINITIONS:
   J: VALUE IS ESTIMATED.
   mg/kg: MILLIGRAM PER KILOGRAM
   ND (2.5): NOT DETECTED, NUMBER IN PARENTHESES IS THE LABORATORY REPORTING LIMIT
9. AERIAL IMAGERY SOURCE: NEARMAP, OCTOBER 1, 2025
10. PGW SCOS ONLY APPLY TO SITE GROUNDWATER CONTAMINANTS OF CONCERN (COCS) WHICH INCLUDE 1,2,4-TRIMETHYLBENZENE, 1,3,5-TRIMETHYLBENZENE, ETHYLBENZENE, N-PROPYLBENZENE, TETRACHLOROETHENE, AND XYLENE (MIXED).

N

0 30 60

SCALE IN FEET

HALEY ALDRICH

547 CONEY ISLAND AVENUE AND 50 HINCKLEY PLACE
BROOKLYN, NEW YORK

PDI SAMPLE LOCATIONS AND RESULTS MAP

JULY 2026

FIGURE 2

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\02043913\GIS\2043913_000_CONEY_ISLAND_RTM.aprx - USER: pdillillo - LAST SAVED: 5/6/2026 12:54 PM

LEGEND

- INJECTION POINT LOCATION WITH A TARGET INTERVAL OF 30-50' BGS
- INJECTION POINT LOCATION WITH A TARGET INTERVAL OF 30-65' BGS
- REMEDIAL INVESTIGATION SOIL BORING
- SOIL BORING, PRE-DESIGN INVESTIGATION (PDI)
- SOIL BORING, SUPPLEMENTAL REMEDIAL INVESTIGATION (SRI)
- POST-REMEDIATION GROUNDWATER MONITORING WELL
- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. BGS = BELOW GROUND SURFACE
3. CELLAR LAYOUT FROM "FLOOR PLAN - CELLAR" DRAWING BY DANIEL M. CONDATORE, RA, DATED 03/05/2025.
4. TOTAL AREA ENCOMPASSED BY THE 9-FOOT RADIUS OF INFLUENCE ZONES IS APPROXIMATELY 3,700 SF.
5. ASSESSOR PARCEL DATA SOURCE: NYC DEPARTMENT OF CITY PLANNING, INFORMATION TECHNOLOGY DIVISION
6. AERIAL IMAGERY SOURCE: NEARMAP, OCTOBER 1, 2025

N

0 30 60
SCALE IN FEET

HALEY ALDRICH

547 CONEY ISLAND AVENUE AND 50 HINCKLEY PLACE
BROOKLYN, NEW YORK

PROPOSED GROUNDWATER TREATMENT PLAN AND PROPOSED MONITORING WELLS

JULY 2026

FIGURE 3

GIS FILE PATH: \\haleyaldrich.com\share\CFP\projects\0204391\GIS\204391_000_CONEY_ISLAND_RTM.aprx - USER: pdilillo - LAST SAVED: 7/9/2026 10:40 AM

LEGEND

- BLOCK 5114 SITE BOUNDARY
- PARCEL BOUNDARY
- POST-REMEDIATION GROUNDWATER MONITORING WELL LOCATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
3. AERIAL IMAGERY SOURCE: NEARMAP, 11 OCTOBER 2024
4. BUILDING LAYOUT FROM ARCHITECTURAL SET FOR CONEY ISLAND AVENUE NEW RESIDENTIAL DEVELOPMENT, FLOOR PLAN - CELLAR (SHEET A100.00) PREPARED BY DANIEL M. CONDATORE, RA, DATED MARCH 5, 2025.

N

0 30 60

SCALE IN FEET

HALEY ALDRICH

547 CONEY ISLAND AVENUE AND 50 HINCKLEY PLACE
BROOKLYN, NEW YOR

POST-REMEDIATION GROUNDWATER MONITORING WELL LOCATION PLAN

APRIL 2026

FIGURE 4

GIS: \\haleyaldrich.com\share\CF\Projects\0204391\GIS\Maps\2025_02_RIR\204391_000_0002_SITE_PLAN.mxd - khensen - 2/24/2025 3:25:33 PM

ATTACHMENT A
PDI Soil Boring Logs

SOIL BORING LOG

BORING NO. PDI-1

PROJECT	547 Coney Island Avenue and 50 Hinckley Place - Pre-Design Investigation	**PROJECT #**	0204391
LOCATION	547 Coney Island Avenue and 50 Hinckley Place, Brooklyn, NY	**PROJECT MGR.**	Z. Simmel
CLIENT	545 Coney Island LLC	**FIELD REP.**	O. Hennigan
CONTRACTOR	Coastal Environmental Solutions, Inc.	**DATE STARTED**	11/20/2025
DRILLER	S. Khun	**DATE FINISHED**	11/20/2025

Elevation	ft.	**Datum**	**Boring Location**	See Plan			
Item	**Casing**	**Sampler**	**Rig Make & Model**	Sonic CRS XL 140 DUO		**Surface Conditions**	**Drilling Notes**
Type	6'' Steel	4'' Steel	**Completion Depth (ft.)**	**65**	**Drilling Method**	Soil	
Inside Diameter (in.)					Sonic		
Hammer Weight (lb.)			**Number of Samples**	**8**			
Hammer Fall (in.)							

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0							
		0	None	Dry	0-5'	Brown fine to medium SAND, some cobbles, large bricks, general debris (FILL)	
1		0					
2		0					
3		0					
4		0					
5	16/120						Fill ends at approximately 5 ft bgs
		0	None	Dry	5-10'	Brown fine to medium SAND, little cobbles, little brick [SP]	
6		0					
7		0					
8		0					
9		0					
10							
11							No recovery from 10-20'
12							
13							
14							
15							
16							
17							
18							
19							
20		0	None	Moist	20-24'	Brown medium to coarse SAND, some fines, little silt [SP]	
21		0					
22		0					
23		0					
24			None	Moist	24-30'	Brown medium to coarse SAND, trace clay, little silt [SP]	
25	45/120	0					
26		0					
27		0					
28		0					
29		0					
30		0					

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Water
			Approximately 30 ft bgs

Well Construction Information

Type	Depth	Notes

Summary

Overburden (Linear ft.)	65
Rock Cored (Linear ft.)	-
Number of Samples	8

BORING NO. PDI-1

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

HALEY ALDRICH

SOIL BORING LOG

BORING NO. PDI-1

Depth (ft.)	Recovery (ft)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
30							
		5.5	None	Wet	30-40'	Light brown medium to fine SAND, grey mottling features, little clay [SP]	
31							
32							
33		32					
34							
35	91/120		None	Wet			
		24.9					
36							
37							
38		26.7					
39							
40							
		79.6	None	Wet	40-48'	Brown medium to coarse SAND, trace clay, wet [SP]	
41							
42							
43		55.4					
44							
45	88/120			Wet			
		45.9					
46							
47							PDI-1_48-50_20251120 sample collected at 11:45
48		374	None	Wet	48-50'		DUP-01_20251120 collected at 48-50'
						Brown medium to fine SAND, some coarse sand [SP]	
49							
50							
		299.4	None	Wet	50-54'	Brown to grey medium to fine SAND, some coarse sand [SP]	PDI-1_50-52_20251120 sample collected at 12:30
51							
52							PDI-1_52-54_20251120 sample collected at 12:40
53		1531					PDI-1_53-55_20251120 sample collected at 12:00
							MS/MSD sample collected at 53-55'
54			None	Wet	54-60'	Reddish brown medium to fine SAND [SP]	
55	67/120						
		248.6					
56							
57							
58		114.9					PDI-1_58-60_20251120 sample collected at 12:10
59							
60							
		50.7	None	Yes	60-65'	Reddish brown medium to fine SAND [SP]	
61							
62							
63	42/60	21.7					PDI-1_63-65_20251120 sample collected at 12:20
64							
65		31.3	None	Yes			
						End of boring at 65 ft	
66							
67							
68							
69							
70							

NOTES:

FILE NO.

BORING NO. PDI-1

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. PDI-2

PROJECT	547 Coney Island Avenue and 50 Hinckley Place - Pre-Design Investigation	**PROJECT #**	0204391
LOCATION	547 Coney Island Avenue and 50 Hinckley Place, Brooklyn, NY	**PROJECT MGR.**	Z. Simmel
CLIENT	545 Coney Island LLC	**FIELD REP.**	O. Hennigan
CONTRACTOR	Coastal Environmental Solutions, Inc.	**DATE STARTED**	11/21/2025
DRILLER	S. Khun	**DATE FINISHED**	11/21/2025

Elevation	ft.	**Datum**	**Boring Location**	See Plan			
Item	**Casing**	**Sampler**	**Rig Make & Model**	Sonic CRS XL 140 DUO		**Surface Conditions**	**Drilling Notes**
Type	6'' Steel	4'' Steel	**Completion Depth (ft.)**	**65**	**Drilling Method**	Asphalt	
Inside Diameter (in.)					Sonic		
Hammer Weight (lb.)			**Number of Samples**	**4**			
Hammer Fall (in.)							

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-1.5'	Asphalt	
1			None	Dry	1.5-5'	Dark brown fine to medium SAND, some cobbles, trace brick [FILL]	
2							
3		3.3					
4							
5	33/120						Fill ends at approximately 5 ft bgs
		2.1	None	Dry	5-10'	Light brown fine to medium SAND [SP]	
6							
7							
8		1.9					
9							
10		0	None	Dry	10-20'	Light brown coarse SAND, little silt, little cobbles [SP]	
11							
12							
13		0					
14							
15	30/120		None	None			
		0					
16							
17							
18		0					
19							
20		0	None	Dry	20-26'	Brown coarse SAND, some clay, trace silt [SP]	
21							
22							
23		0					
24							
25	52/120						
		0					
26			None	Dry	26-30'	Light brown medium to coarse SAND, trace silt, little cobbles [SP]	
27							
28		0					
29							
30							

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Water
			Approximately 32 ft bgs

Well Construction Information

Type	Depth	Notes

Summary

Overburden (Linear ft.)	65
Rock Cored (Linear ft.)	-
Number of Samples	4

BORING NO. PDI-2

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. **PDI-2**

Depth (ft.)	Recovery (ft)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
30							
		0	None	Dry	30-32'	Brown medium to fine SAND [SP]	
31							
32			None	Moist	32-36'	Brown medium to fine SAND, dry, trace cobbles [SP]	
33		0					
34							
35	76/120						
		0					
36			None	Wet	36-40'	Reddish brown medium to fine SAND, little cobbles [SP]	
37							
38		0					
39							
40		724.1	Yes	Wet	40-48'	Brown fine to coarse SAND [SP]	
41							
42							
43		686.8					
44							
45	74/120		Yes	Wet			
		1072					
46							
47							
48		651.8					
			Yes	Wet	48-50'	Dark grey medium to fine SAND [SP]	PDI-2_48-50_20251121 sample collected at 10:20
49							
50		772.1	Yes	Wet	50-58'	Dark brown to grey medium to fine SAND [SP]	
51							
52							
53		576.9					
							PDI-2_53-55_20251121 sample collected at 10:30
54							
55	62/120						
		395.6	Yes	Wet			
56							
57							
58		159.3					
			Yes	Wet	58-60'	Brown medium to coarse SAND [SP]	PDI-2_58-60_20251121 sample collected at 10:40
59							
60		208.5	Yes	Wet	60-62'	Dark brown to brown medium to coarse SAND, some fine SAND [SP]	
61							
62	48/60	34.6	Yes	Wet	62-65'	Brown medium to fine SAND, some coarse sand [SP]	
63							PDI-2_63-65_20251121 sample collected at 10:50
64							
65		2.8	Yes	Yes			
						End of boring at 65 ft	
66							
67							
68							
69							
70							

NOTES:

FILE NO.

BORING NO. **PDI-2**

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. PDI-3

PROJECT	547 Coney Island Avenue and 50 Hinckley Place - Pre-Design Investigation	**PROJECT #**	0204391
LOCATION	547 Coney Island Avenue and 50 Hinckley Place, Brooklyn, NY	**PROJECT MGR.**	Z. Simmel
CLIENT	545 Coney Island LLC	**FIELD REP.**	C. Jackson
CONTRACTOR	Coastal Environmental Solutions, Inc.	**DATE STARTED**	3/6/2026
DRILLER	P. Slavin	**DATE FINISHED**	3/6/2026

Elevation	ft.	**Datum**	**Boring Location**	See Plan			
Item	**Casing**	**Sampler**	**Rig Make & Model**	Eijkelkamp SRS ML Sonic		**Surface Conditions**	**Drilling Notes**
Type	6'' Steel	4'' Steel	**Completion Depth (ft.)**	**65**	**Drilling Method**	Asphalt	
Inside Diameter (in.)					Sonic		
Hammer Weight (lb.)			**Number of Samples**	**4**			
Hammer Fall (in.)							

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0	50/120	0	Weak chemical like odor	Dry	0-2	Pulverized STONE, some asphalt [FILL]	
1		0					
2		0			2-5	Brown SILT, trace fine sand [FILL]	
3		0					
4		0					
5		0			5-10	Brown fine to medium SAND, some fine angular gravel, track brick [FILL]	
6		0					
7		0					
8		0					
9		0					
10	44/120	27.3	Strong chemical like odor	Dry	10-13	Brown fine to medium SAND, trace fine gravel, trace cobble [SP]	Fill ends at approximately 10 ft bgs
11		22.9					
12		58.9					
13		19.8			13-17	Light brown fine SAND, trace fine gravel, trace cobble [SP]	
14		112.9					
15		145					
16		44.2					
17		6.8			17-20	Brown fine to medium SAND, trace fine rounded gravel, trace cobble [SP]	
18		4.2					
19		2.2					
20	46/120	0	None	Dry	20-27	Medium to coarse brown SAND, some fine rounded gravel, trace coarse rounded gravel, trace cobble [SP]	
21		0					
22							
23							
24							
25							
26							
27		0			27-30	Light brown medium to fine SAND, some fine rounded gravel, trace coarse rounded gravel, trace cobble [SP]	
28		0					
29		0					
30							

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Water
			Approximately 32 ft bgs

Well Construction Information

Type	Depth	Notes

Summary

Overburden (Linear ft.)	65
Rock Cored (Linear ft.)	0
Number of Samples	4

BORING NO. PDI-3

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. **PDI-3**

Depth (ft.)	Recovery (ft)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
30	51/120	0	None	Moist	30-36	Brown medium to coarse SAND, some coarse rounded gravel, trace fine rounded gravel [SP]	
31		0					
32		0					
33		0					Groundwater encountered at approximately 32 ft bgs
34							
35							
36				Wet	36-40	Brown fine to medium SAND, some fine rounded gravel, trace coarse rounded gravel [SP]	
37			Weak chemical like odor				
38							
39							
40		0					
	21/120	169.2	Strong petroleum like odor		40-47	Grey medium to coarse SAND [SP]	
41		114.8					
42		109.4					
43		688.2					
44		1608					
45		754.8					
46		682					
47		393.3		Wet	47-50	COBBLE, some coarse rounded gravel [GP]	
48		657.2					PDI-3_48-50_20260306 sample collected at 13:00
49		109					
50	15/120	16.8	Strong petroleum like odor	Wet	50-60	Grey medium to coarse SAND [SP]	
51		7.7					
52		129					
53		880					PDI-3_53-55_20260306 sample collected at 13:05
54		747.6					
55		772.6					
56		2859					
57		787.9					
58		1419					PDI-3_58-60_20260306 (+MS/MSD) sample collected at 13:10
59		197.9					
60	57/60	976.1	Strong petroleum like odor	Wet	60-65	Grey medium to coarse SAND [SP]	
61		1234					
62		905.7					
63		351.9					PDI-3_63-65_20260306 sample collected at 13:15
64		164.9					
65						End of Boring 65 ft bgs	
66							
67							
68							
69							
70							

NOTES:

FILE NO. 0204391

BORING NO. PDI-3

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. PDI-4

PROJECT	547 Coney Island Avenue and 50 Hinckley Place - Pre-Design Investigation	**PROJECT #**	0204391
LOCATION	547 Coney Island Avenue and 50 Hinckley Place, Brooklyn, NY	**PROJECT MGR.**	Z. Simmel
CLIENT	545 Coney Island LLC	**FIELD REP.**	C. Jackson
CONTRACTOR	Coastal Environmental Solutions, Inc.	**DATE STARTED**	3/6/2026
DRILLER	P. Slavin	**DATE FINISHED**	3/6/2026

Elevation	ft.	**Datum**	**Boring Location**	See Plan			
Item	**Casing**	**Sampler**	**Rig Make & Model**	Eijkelkamp SRS ML Sonic		**Surface Conditions**	**Drilling Notes**
Type	6'' Steel	4'' Steel	**Completion Depth (ft.)**	**65**	**Drilling Method**	Soil	
Inside Diameter (in.)					Sonic		
Hammer Weight (lb.)			**Number of Samples**	**4**			
Hammer Fall (in.)							

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0	37/120	12.8	None	Dry	0-5	Brown fine SAND, some fine angular gravel, some coarse angular gravel, trace cobble [FILL]	
1		2.9					
2		1.3					
3		0.9					
4		5.1					
5		6.8	Weak petroleum like odor	Dry	5-10	Dark grey fine SAND, trace silt, trace fine angular gravel [FILL]	
6		8.1					
7		7.2					
8			None				
9		9.4					
10		9.8					Fill ends at approximately 10 ft bgs
11	63/120	15.6		Dry	10-11	Dark grey fine SAND, trace silt, trace fine angular gravel [FILL]	
12		3.6			11-17	Brown fine SAND, trace fine gravel, trace coarse angular gravel, trace cobble [SP]	
13		0					
14		0					
15		0					
16							
17							
18					17-20		
19			Weak sewage like odor			Dark brown fine to medium SAND, some silt, trace fine gravel [SP]	
20			None				
21	40/120	0	None	Dry	20-24	Brown coarse SAND, trace fine rounded gravel, trace coarse rounded gravel [SP]	
22		0					
23		0					
24		0					
25		0			24-28	Brown coarse SAND, some cobble, trace silt, trace fine rounded gravel, trace coarse rounded gravel [SP]	
26		0					
27		0					
28		0					
29					28-29	Grey medium to coarse SAND, some coarse rounded gravel, trace silt [SP]	
30		0.4			29-30	Grey coarse SAND, some fine rounded gravel, trace coarse rounded gravel [SP]	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Water
			Approximately 34 ft bgs

Well Construction Information

Type	Depth	Notes

Summary

Overburden (Linear ft.)	65
Rock Cored (Linear ft.)	0
Number of Samples	4

BORING NO. PDI-4

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. **PDI-4**

Depth (ft.)	Recovery (ft)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
30	41/120	0	None	Moist	30-40	Brown coarse SAND, some fine rounded gravel, trace coarse rounded gravel [SP]	
31		0					
32		0					
33		0					
34							
35							Groundwater encountered at approximately 34 ft bgs
36							
37							
38							
39							
40	36/120	3.5	Weak petroleum like odor	Wet	40-47	Dark grey medium to coarse SAND [SP]	
41		0					
42		0.8					
43		2.1					
44		1.1					
45		3.5					
46		7.2					
47		0.9		Wet	47-50	COBBLE, some coarse rounded gravel [GP]	
48		0.6	None				PDI-4_48-50_20260306 sample collected at 10:45
49		0					
50	61/120	0	None	Wet	50-60	Dark grey medium to coarse SAND [SP]	
51		0					
52		0					
53							PDI-4_53-55_20260306 sample collected at 10:50
54							
55							
56							
57							
58		0					PDI-4_58-60_20260306 sample collected at 10:55
59		0.1					
60	60/60	0	None	Wet	60-65	Dark grey medium to coarse SAND [SP]	
61		0.4					
62		0.2					
63		0					PDI-4_63-65_20260306 sample collected at 11:00
64		0.5					
65						End of Boring 65 ft bgs	
66							
67							
68							
69							
70							

NOTES:

FILE NO. 0204391

BORING NO. PDI-4

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. PDI-5

PROJECT	547 Coney Island Avenue and 50 Hinckley Place - Pre-Design Investigation	**PROJECT #**	0204391
LOCATION	547 Coney Island Avenue and 50 Hinckley Place, Brooklyn, NY	**PROJECT MGR.**	Z. Simmel
CLIENT	545 Coney Island LLC	**FIELD REP.**	O. Hennigan
CONTRACTOR	Coastal Environmental Solutions, Inc.	**DATE STARTED**	11/20/2025
DRILLER	S. Khun	**DATE FINISHED**	11/20/2025

Elevation	ft.	**Datum**	**Boring Location**	See Plan			
Item	**Casing**	**Sampler**	**Rig Make & Model**	Sonic CRS XL 140 DUO		**Surface Conditions**	**Drilling Notes**
Type	6'' Steel	4'' Steel	**Completion Depth (ft.)**	**65**	**Drilling Method**	Concrete	
Inside Diameter (in.)					Sonic		
Hammer Weight (lb.)			**Number of Samples**	**4**			
Hammer Fall (in.)							

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-1'	Concrete	
1			None	Dry	1-5'	Brown fine to medium SAND, some cobbles, little brick [FILL]	
2							
3		0					
4							
5	42/120						
		0	None	Dry	5-10'	Light brown fine to medium SAND, little cobbles [SP]	
6							
7							
8		0					
9							
10		0	None	Dry	10-20'	Brown fine to medium SAND, trace silt, trace cobbles [SP]	
11							
12							
13		0					
14							
15	53/120		None	Dry			
		0					
16							
17							
18		0					
19							
20		0	None	Dry	20-30'	Brown fine to coarse SAND, trace silt, some cobbles [SP]	
21							
22							
23		0					
24							
25	49/120		None	Dry			
		0					
26							
27							
28		0					
29							
30							

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Water
			30

Well Construction Information

Type	Depth	Notes

Summary

Overburden (Linear ft.)	65
Rock Cored (Linear ft.)	-
Number of Samples	

BORING NO. PDI-5

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

HALEY ALDRICH

SOIL BORING LOG

BORING NO. PDI-5

Depth (ft.)	Recovery (ft)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
30							
		0	None	Moist	30-40'	Brown fine to medium SAND, little cobbles [SP]	
31							
32							
33		0					
34							
35	61/120		None	Wet			
		0					
36							
37							
38		0					
39							
40		5.9	Yes	Wet	40-46'	Brown medium to fine SAND, little cobbles [SP]	
41							
42							
43		47.6					
44							
45	68/120						
		207.4					
46			Yes	Wet	46-50'	Brown medium to fine SAND [SP]	
47							
48		386.3					PDI-5_48-50_20251120 sample collected at 13:50
49							
50		888.3	Yes	Wet	50-55'	Brown to gray medium to fine SAND, some coarse sand [SP]	
51							
52							
53		959.2					PDI-5_53-55_20251120 sample collected at 14:00
54							
55	60/120						
		500.2	Yes	Wet	55-60'	Light brown fine SAND	
56							
57							
58		448.6					PDI-5_58-60_20251120 sample collected at 14:10
59							
60		14.2	None	Wet	60-62'	Bown fine SAND	
61							
62			None	Wet	60-65'	Light brown fine SAND	
63	40/60	1.2					PDI-5_63-65_20251120 sample collected at 14:20
64							
65		0.6	None	Wet			
						End of boring at 65 ft	
66							
67							
68							
69							
70							

NOTES:

FILE NO.

BORING NO. PDI-5

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL BORING LOG

BORING NO. PDI-6

PROJECT	547 Coney Island Avenue and 50 Hinckley Place - Pre-Design Investigation	**PROJECT #**	0204391
LOCATION	547 Coney Island Avenue and 50 Hinckley Place, Brooklyn, NY	**PROJECT MGR.**	Z. Simmel
CLIENT	545 Coney Island LLC	**FIELD REP.**	O. Hennigan
CONTRACTOR	Coastal Environmental Solutions, Inc.	**DATE STARTED**	11/21/2025
DRILLER	S. Khun	**DATE FINISHED**	11/21/2025

Elevation	ft.	**Datum**	**Boring Location**	See Plan			
Item	**Casing**	**Sampler**	**Rig Make & Model**	Sonic CRS XL 140 DUO		**Surface Conditions**	**Drilling Notes**
Type	6'' Steel	4'' Steel	**Completion Depth (ft.)**	**65**	**Drilling Method**	Concrete	
Inside Diameter (in.)					Sonic		
Hammer Weight (lb.)			**Number of Samples**	**4**			
Hammer Fall (in.)							

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0		0	None	Dry	0-4'	Brown medium to fine SAND, little bricks and cobbles, trace clay [FILL]	
1							
2							
3		0					
4			None	Dry	4-10'	Brown medium to fine SAND, some cobbles [SP]	Fill ends at approximately 4 ft bgs
5	40/120	0					
6							
7							
8		0					
9							
10		0	None	Dry	10-16'	SAA	
11							
12							
13		0					
14							
15	61/120						
		0					
16			None	Dry	16-20'	Reddish brown medium to fine SAND, trace silt, little cobbles [SP]	
17							
18		0					
19							
20		0	None	Dry	20-28'	Brown coarse SAND, little silt, trace cobbles [SP]	
21							
22							
23		0					
24							
25	56/120		None	Dry			
		0					
26							
27							
28		0					
			None	Moist	28-30'	Dark brown to reddish brown medium to coarse SAND, little clay [SP]	
29							
30		0					

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Water
			28

Well Construction Information

Type	Depth	Notes

Summary

Overburden (Linear ft.)	65
Rock Cored (Linear ft.)	-
Number of Samples	4

BORING NO. PDI-6

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

HALEY ALDRICH

Soil Boring Log

BORING NO. PDI-6

Depth (ft.)	Recovery (ft)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
30		0	None	Wet	30-40'	Brown medium to fine SAND, little cobbles [SP]	
31							
32							
33		0					
34							
35	72/120		None	Wet			
		0					
36							
37							
38		0					
39							
40		24.6	Yes	Wet	40-50'	Brown to grey medium to coarse SAND [SP]	
41							
42							
43		38.4					
44							
45	63/120		Yes	Wet			
		774.9					
46							
47							
48		746.1					PDI-6_48-50_20251121 sample collected at 13:50
49							
50		371.2	Yes	Wet	50-55'	SAA	
51							
52							
53		164.7					
							PDI-6_53-55_20251121 sample collected at 14:00
54							
55	22/120						
		256	Yes	Wet	55-60'	Brown medium to fine SAND, trace cobbles	
56							
57							
58		173.7					
							PDI-6_58-60_20251121 sample collected at 14:10
59							
60		16.2	None	Wet	60-62'	Brown medium to fine SAND, some coarse SAND [SP]	
61							
62			None	Wet	62-65'	Brown medium to fine SAND, some coarse SAND [SP]	PDI-6_63-65_20251121 sample collected at 14:20
63	47/60	0					
64							
65		0	None	Yes			
						End of boring at 65 ft	
66							
67							
68							
69							
70							

NOTES:

FILE NO.

BORING NO. PDI-6

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

ATTACHMENT B
Daily Field Reports

DAILY FIELD REPORT

Project	Former New City Link Auto Repair Site	**Report No.**	14
BCP Site	BCP Site No. C224407	**Date**	11/20/2025
Location	547 Coney Island Avenue and 50 Hinckley Place, Brooklyn NY	**File No.**	0204391
Client	545 Coney Island LLC	**Temperature**	34-46 °F
Contractor	Coastal Environmental Solutions, Inc. (Coastal)	**Wind Direction**	N to S, 5 mph
Weather	Partly Cloudy	**Personnel on Site**	O. Hennigan
Humidity	80%	**Time on Site**	7:00 am to 3:15 pm

H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) was present to document implementation of the NYSDEC-approved October 2025 Pre-Design Investigation Work Plan (PDIWP), as appended in the Remedial Action Work Plan (RAWP), prepared by Haley & Aldrich of New York. Site observations are summarized below.

Daily Observations:

- Coastal mobilized a sonic drilling rig (Eijkelkamp CRS-XL-140 Duo) to the site.
- Coastal completed installation of two borings (PDI-1, PDI-5) to 65 feet below ground surface (ft bgs) and collected soil samples in accordance with the PDIWP.

Samples Collected:

- Soil samples were collected from PDI-1 and PDI-5 in accordance with the PDIWP.
- QA/QC samples including one duplicate, one MS/MSD sample, one field blank, and one trip blank were collected in accordance with the PDIWP.
- All samples were submitted on ice in a cooler via courier to Pace Analytical in Westborough, MA for analyses in accordance with the PDIWP.

CAMP Activities:

- CAMP was performed at one upwind and one downwind location during ground-intrusive activities. No 15-minute average concentrations of volatile organic compounds (VOCs) or particulate matter smaller than 10 microns in diameter (PM10) exceeded action levels throughout the day.
- No visible dust or odors were observed during drilling operations.

Activities Planned for Coming Week:

- Haley & Aldrich of New York will continue implementing the PDI including soil borings to targeted depths in accordance with the PDIWP.

Site Photographs:

Photo 1: View of contractors beginning to drill at soil boring PDI-1, facing north.

Photo 2: View of soil core from 30-40-ft interval at soil boring PDI-1.

Photo 3: View of contractors beginning to drill at soil boring PDI-5, facing east.

DAILY FIELD REPORT

Site Plan:

LEGEND:

- APPROXIMATE INJECTION POINT LOCATION WITH 20 FOOT RADIUS OF INFLUENCE
- SOIL BORING, SUPPLEMENTAL REMEDIAL INVESTIGATION (SRI)
- PROPOSED SOIL BORING, PRE-DESIGN INVESTIGATION (PDI)

In Progress

Complete

Date 11/20/2025
Personnel: O. Hennigan
Weather: Cloudy
Humidity: 80%
Wind Direction: 5 mph, N to S

Particulate Background (mcg/m3): 0.06
PID Background (ppm): 0

Wind Direction

Upwind
Dustrack #: SN 8530171606
Downwind 1
Dustrack #: SN 8530142409

Site Map:

Time	Particulate		VOCs			Notes
	Upwind	Downwind	Upwind	Downwind		
	Dust (µg/m3)	Dust (µg/m3)	PID (ppm)	PID (ppm)	Odors (Y/N)	Activities/Additional Monitoring
930		0.061	0	0	N	Visual and olfactory monitoring conducted at the upwind area from 9:30 AM to 11:15 AM
945		0.062	0	0	N	
1000		0.062	0	0	N	
1015		0.064	0	0	N	
1030		0.064	0	0	N	
1045		0.064	0	0	N	
1100		0.064	0	0.1	N	
1115		0.065	0	0	N	
1130	0.023	0.065	0	0	N	
1145	0.027	0.065	0	0	N	
1200	0.027	0.066	0	0	N	
1215	0.027	0.067	0	0.2	N	
1230	0.026	0.067	0	0.2	N	
1245	0.024	0.064	0	0.2	N	
1300	0.023	0.064	0	0.1	N	
1315	0.023	0.064	0	0.2	N	
1330	0.023	0.066	0	0	N	
1345	0.023	0.066	0	0	N	
1400	0.022	0.068	0	0	N	

DAILY FIELD REPORT

Project	Former New City Link Auto Repair Site	**Report No.**	15
BCP Site	BCP Site No. C224407	**Date**	11/21/2025
Location	547 Coney Island Avenue and 50 Hinckley Place, Brooklyn NY	**File No.**	0204391
Client	545 Coney Island LLC	**Temperature**	42-52 °F
Contractor	Coastal Environmental Solutions, Inc. (Coastal)	**Wind Direction**	S to N, 4 mph
Weather	Overcast	**Personnel on Site**	O. Hennigan, D. Frelich
Humidity	90%	**Time on Site**	7:00 am to 3:45 pm

H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) was present to document implementation of the October 2025 Pre-Design Investigation Work Plan (PDIWP), as appended in the Remedial Action Work Plan (RAWP), prepared by Haley & Aldrich of New York. Site observations are summarized below.

Daily Observations:

- Coastal completed installation of two borings (PDI-2, PDI-6) to 65 feet below ground surface (ft bgs) and collected soil samples in accordance with the PDIWP.

Samples Collected:

- Soil samples were collected from PDI-2 and PDI-6 in accordance with the PDIWP.
- QA/QC samples including one field blank were collected in accordance with the PDIWP.
- All samples were submitted on ice in a cooler via courier to Pace Analytical in Westborough, MA for analyses in accordance with the PDIWP.

CAMP Activities:

- CAMP was performed at one upwind and one downwind location during ground-intrusive activities. No 15-minute average concentrations of volatile organic compounds (VOCs) or particulate matter smaller than 10 microns in diameter (PM10) exceeded action levels throughout the day.
- No visible dust or odors were observed during drilling operations.

Activities Planned for Coming Week:

- Haley & Aldrich of New York will continue implementing the PDI including soil borings to targeted depths in accordance with the PDIWP upon issuance of the Decision Document.

Site Photographs:

Photo 1: View of contractors beginning to drill at soil boring PDI-2, facing north.

Photo 2: View of soil core from 40-50-ft interval at soil boring PDI-2.

Photo 3: View of contractors beginning to drill at soil boring PDI-6, facing east.

DAILY FIELD REPORT

Site Plan:

LEGEND:

- APPROXIMATE INJECTION POINT LOCATION WITH 20 FOOT RADIUS OF INFLUENCE
- SOIL BORING, SUPPLEMENTAL REMEDIAL INVESTIGATION (SRI)
- PROPOSED SOIL BORING, PRE-DESIGN INVESTIGATION (PDI)
- In Progress
- Complete

Date 11/21/2025
Personnel: O. Hennigan, D. Frelich
Weather: Overcast
Humidity: 90%
Wind Direction: 4 mph, S to N

Particulate Background (mcg/m3): 0.053
PID Background (ppm): 0

Upwind
Dustrack #: SN 8530171606
Downwind 1
Dustrack #: SN 8530142409

Site Map:

Wind Direction

Time	Particulate		VOCs			Notes
	Upwind	Downwind	Upwind	Downwind		
	Dust (µg/m3)	Dust (µg/m3)	PID (ppm)	PID (ppm)	Odors (Y/N)	Activities/Additional Monitoring
715	0.052	0.053	0	0	N	
730	0.052	0.055	0	0	N	
745	0.055	0.059	0	0	N	Start of Intrusive Work
800	0.051	0.048	0	0	N	
815	0.051	0.048	0	0	N	
830	0.048	0.05	0	0	N	
845	0.048	0.05	0	0	N	
900	0.048	0.049	0	0	N	
915	0.046	0.051	0	0	N	
930	0.041	0.051	0	0	N	
945	0.048	0.051	0	0	N	
1000	0.049	0.048	0	0	N	
1015	0.051	0.051	0	0	N	
1030	0.051	0.057	0	0	N	
1045	0.053	0.055	0	0	N	
1100	0.053	0.055	0	0	N	
1115	0.056	0.058	0	0	N	
1130	0.062	0.06	0	0	N	
1145	0.069	0.065	0	0	N	
1200	0.069	0.068	0	0	N	
1215	0.075	0.068	0	0	N	
1230	0.078	0.072	0	0	N	
1245	0.081	0.076	0	0	N	
1300	0.083	0.076	0	0	N	
1315	0.073	0.07	0	0	N	
1330	0.073	0.07	0	0	N	
1345	0.073	0.07	0	0	N	
1400	0.073	0.07	0	0	N	End of Intrusive Work

DAILY FIELD REPORT

Project	Former New City Link Auto Repair Site	**Report No.**	16
BCP Site	BCP Site No. C224407	**Date**	3/6/2026
Location	547 Coney Island Avenue and 50 Hinckley Place, Brooklyn NY	**File No.**	0204391
Client	545 Coney Island LLC	**Temperature**	37-45 °F
Contractor	Coastal Environmental Solutions, Inc. (Coastal)	**Wind Direction**	NE to SW, up to 22 mph
Weather	Cloudy	**Personnel on Site**	C. Jackson, Z. Simmel
Humidity	77%	**Time on Site**	6:30 am to 3:15 pm

H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) was present to document implementation of the Pre-Design Investigation Work Plan (PDIWP), as appended in the NYSDEC-approved February 2026 Remedial Action Work Plan (RAWP), prepared by Haley & Aldrich of New York. Site observations are summarized below.

Daily Observations:

- Coastal completed installation of two borings (PDI-3 and PDI-4) to 65 feet below ground surface (ft bgs) and collected soil samples in accordance with the PDIWP.

Samples Collected:

- Soil samples were collected from PDI-3 and PDI-4 in accordance with the PDIWP.
- QA/QC samples including one trip blank were collected in accordance with the PDIWP.
- All samples were submitted on ice in a cooler via courier to Pace Analytical in Westborough, MA for analyses in accordance with the PDIWP.

CAMP Activities:

- CAMP was performed at one upwind and one downwind location during ground-intrusive activities. No 15-minute average concentrations of volatile organic compounds (VOCs) or particulate matter smaller than 10 microns in diameter (PM10) exceeded action levels throughout the day.
- No visible dust or odors were observed during drilling operations.

Activities Planned for Coming Week:

- Haley & Aldrich of New York will prepare PDI report to summarize the findings and data collected.

Site Photographs:

Photo 1: View of contractors installing soil boring PDI-4, facing southwest.

Photo 2: View of soil core from 50-60-ft interval at soil boring PDI-4.

Photo 3: View of contractors installing soil boring PDI-3, facing north.

Photo 4: View of upwind CAMP station, facing northeast.

DAILY FIELD REPORT

Site Plan:

LEGEND:

- APPROXIMATE INJECTION POINT LOCATION WITH 20 FOOT RADIUS OF INFLUENCE
- SOIL BORING, SUPPLEMENTAL REMEDIAL INVESTIGATION (SRI)
- PROPOSED SOIL BORING, PRE-DESIGN INVESTIGATION (PDI)
- In Progress
- Complete
- CAMP Station

Date 3/6/2026
Personnel: C. Jackson, Z. Simmel
Weather: Cloudy
Humidity: 77%
Wind Direction: Up to 22 mph, NE to SW

Particulate Background (mcg/m3): 0.004
PID Background (ppm): 0

Wind Direction

Upwind
Dustrack #: SN 8530113614
Downwind 1
Dustrack #: SN 8530173316

Site Map:

Time	Particulate		VOCs			Notes
	Upwind	Downwind	Upwind	Downwind		
	Dust (µg/m3)	Dust (µg/m3)	PID (ppm)	PID (ppm)	Odors (Y/N)	Activities/Additional Monitoring
715						
730						
745						
800						
815						
830						
845						
900						
915						
930						
945	0.004	0.007	0	0	N	Start of Intrusive Work
1000	0.006	0.003	0	0	N	
1015	0.006	0.007	0	0	N	
1030	0.005	0.008	0	0	N	
1045	0.006	0.005	0	0	N	
1100	0.007	0.002	0	0	N	
1115	0.008	0.004	0	0	N	
1130	0.012	0.006	0	0	N	
1145	0.009	0.004	0	0	N	
1200	0.007	0.004	0	0	N	
1215	0.009	0.005	0	0	N	
1230	0.009	0.005	0	0	N	
1245	0.013	0.01	0	0	N	
1300	0.013	0.009	0	0	N	
1315	0.011	0.008	0	0	N	
1330	0.011	0.008	0	0	N	
1345	0.011	0.008	0	0	N	
1400	0.011	0.009	0	0	N	End of Intrusive Work

ATTACHMENT C
Pace Laboratory Reports

Pace Analytical Services

Laboratory Code: 11148

SDG Number: L2574258

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

Table of Contents

New York ASP Category B Data Deliverable Package 1
Table of Contents 2
Sample ID Cross Reference 6
SDG Narrative 7
Data Qualifier Definitions 10
Instrument Information 13
Sample Log-in Sheet 16
Lims COC (LN01) 17
External Chain of Custody 19
Organics Analysis 21
GCMS 8260 Analysis 22
Volatiles QC Summary 23
Form 2 - Organics 24
Form 3 - Organics 27
Form 4 - Organics 52
Form 5 - Organics 59
Form 8 - Organics 71
MDL Study - Volatile Organics 8260 78
Volatiles Sample Data 80
Form 1 - Organics 81
TRIP BLANK_20251120 (L2574258-01) Analyzed: 11/25/25 21:45 166
DUP-01_20251120 (L2574258-04) Analyzed: 11/25/25 22:40 175
PDI-1_53-55_20251120 (L2574258-05D) Analyzed: 11/26/25 00:29 199
TRIP BLANK_20251120 (L2574258-01) Analyzed: 11/25/25 15:50 203
PDI-1_58-60_20251120 (L2574258-06) Analyzed: 11/25/25 16:44 211
PDI-1_63-65_20251120 (L2574258-07) Analyzed: 11/25/25 17:12 235
PDI-5_63-65_20251120 (L2574258-13) Analyzed: 11/25/25 17:39 259
PDI-5_53-55_20251120 (L2574258-11) Analyzed: 11/26/25 15:14 267
PDI-1_53-55_20251120 (L2574258-05) Analyzed: 11/26/25 16:06 289
PDI-1_53-55_20251120 (L2574258-05D2) Analyzed: 11/26/25 16:32 312
PDI-1_48-50_20251120 (L2574258-03) Analyzed: 11/26/25 14:22 335
DUP-01_20251120 (L2574258-04) Analyzed: 11/26/25 14:48 359
FIELD BLANK_20251120 (L2574258-02) Analyzed: 11/27/25 13:28 380
PDI-5_58-60_20251120 (L2574258-12) Analyzed: 11/28/25 18:39 385
PDI-5_48-50_20251120 (L2574258-10) Analyzed: 12/01/25 16:30 405
Volatile Standards Data 429
Initial Calibration 430
Form 6 - Organics 431
ICAL for VOA110 on 09/16/25 ICAL22640 446
Initial Calibration Summary - Cal Date: 09/16/25 00:00 446
BFB Tune Injected on: 09/15/25 13:33 450
STD0.5PPB Injected on: 09/15/25 14:50 451
STD1PPB Injected on: 09/15/25 15:44 457
STD2PPB Injected on: 09/15/25 16:38 476
STD4PPB Injected on: 09/15/25 17:06 492
STD20PPB Injected on: 09/15/25 18:00 504
STD40PPB Injected on: 09/15/25 18:27 514
STD100PPB Injected on: 09/15/25 18:54 522
STD200PPB Injected on: 09/15/25 19:21 527
STD300PPB Injected on: 09/15/25 19:48 532

Table of Contents

ICV Summary Form Injected on: 09/15/25 21:37 537
ICV Quant Report Injected on: 09/15/25 21:37 540
Correlation Data Summary 546
ICAL for VOA100 on 10/24/25 ICAL22760 547
Initial Calibration Summary - Cal Date: 10/24/25 00:00 547
BFB Injected on: 10/23/25 14:15 551
STD0.5PPB Injected on: 10/23/25 15:36 552
STD1.0PPB Injected on: 10/23/25 16:02 556
STD2.0PPB Injected on: 10/23/25 16:28 567
STD4.0PPB Injected on: 10/23/25 16:54 574
STD20PPB Injected on: 10/23/25 17:20 580
STD40PPB Injected on: 10/23/25 17:46 586
STD100PPB Injected on: 10/23/25 18:12 591
STD200PPB Injected on: 10/23/25 18:38 597
STD300PPB Injected on: 10/23/25 19:04 604
ICV Summary Form Injected on: 10/23/25 20:49 611
ICV Quant Report Injected on: 10/23/25 20:49 614
Relative Error 621
ICAL for GONZO on 10/26/25 ICAL22763 622
Initial Calibration Summary - Cal Date: 10/26/25 00:00 622
BFB TUNE Injected on: 10/24/25 12:01 626
STD0.19PPB Injected on: 10/24/25 13:08 627
STD0.5PPB Injected on: 10/24/25 14:01 630
STD2PPB Injected on: 10/24/25 14:55 638
STD10PPB Injected on: 10/24/25 15:48 648
STD30PPB Injected on: 10/24/25 16:14 656
STD80PPB Injected on: 10/24/25 16:41 662
STD120PPB Injected on: 10/24/25 17:08 669
STD200PPB Injected on: 10/24/25 17:34 675
ICV Summary Form Injected on: 10/24/25 19:47 681
ICV Quant Report Injected on: 10/24/25 19:47 684
Correlation Data Summary 691
ICAL for VOA123 on 11/04/25 ICAL22792 692
Initial Calibration Summary - Cal Date: 11/04/25 00:00 692
BFB Injected on: 11/03/25 18:36 696
STD0.5PPB Injected on: 11/03/25 20:17 697
STD1PPB Injected on: 11/03/25 20:43 702
STD2PPB Injected on: 11/03/25 21:35 726
STD4PPB Injected on: 11/03/25 22:01 747
STD20PPB Injected on: 11/03/25 22:27 762
STD40PPB Injected on: 11/03/25 22:53 775
STD100PPB Injected on: 11/03/25 23:19 785
STD200PPB Injected on: 11/03/25 23:45 793
STD300PPB Injected on: 11/04/25 00:11 802
ICV Quant Report Injected on: 11/04/25 01:29 811
Correlation Report 822
ICAL for VOA129 on 11/26/25 ICAL22852 823
Initial Calibration Summary - Cal Date: 11/26/25 00:00 823
BFB Tune Injected on: 11/25/25 20:25 827
STD0.5PPB Injected on: 11/25/25 21:27 828

Table of Contents

STD1.0PPB Injected on: 11/25/25 22:08 831
STD2.0PPB Injected on: 11/25/25 22:50 838
STD4.0PPB Injected on: 11/25/25 23:11 845
STD20PPB Injected on: 11/25/25 23:32 855
STD40PPB Injected on: 11/25/25 23:52 863
STD100PPB Injected on: 11/26/25 00:13 870
STD200PPB Injected on: 11/26/25 00:34 876
STD300PPB Injected on: 11/26/25 00:55 881
ICV Summary Form Injected on: 11/26/25 02:18 888
ICV Quant Report Injected on: 11/26/25 02:18 891
Correlation Data Summary 897
Continuing Calibration 898
Form 7 - Organics 899
CC Summary - VOA110 Run: 11/25/25 14:01 920
CC Quant - WG2147004-2 VOA110 Run: 11/25/25 14:01 923
CC Summary - VOA110 Run: 11/25/25 14:01 928
CC Quant - WG2147003-2 VOA110 Run: 11/25/25 14:01 931
CC Summary - VOA100 Run: 11/26/25 06:34 936
CC Quant - WG2146952-2 VOA100 Run: 11/26/25 06:34 939
CC Summary - VOA100 Run: 11/26/25 06:34 946
CC Quant - WG2146922-2 VOA100 Run: 11/26/25 06:34 949
CC Summary - GONZO Run: 11/27/25 04:10 956
CC Quant - WG2147438-2 GONZO Run: 11/27/25 04:10 959
CC Summary - VOA123 Run: 11/28/25 08:16 965
CC Quant - WG2148010-2 VOA123 Run: 11/28/25 08:16 968
CC Summary - VOA129 Run: 12/01/25 08:50 978
CC Quant - WG2148464-2 VOA129 Run: 12/01/25 08:50 981
bfb tune - Inst. VOA110 11/25/25 13:38 986
bfb tune - Inst. VOA100 11/26/25 06:12 988
bfb tune - Inst. GONZO 11/27/25 03:56 990
bfb tune - Inst. VOA123 11/28/25 07:48 991
bfb tune - Inst. VOA129 12/01/25 08:11 992
Volatiles Raw QC Data 993
Laboratory Method Bl (WG2147004-5) Analyzed: 11/25/25 15:22 994
Laboratory Method Bl (WG2147003-5) Analyzed: 11/25/25 15:22 1008
Laboratory Method Bl (WG2146952-5) Analyzed: 11/26/25 08:18 1018
Laboratory Method Bl (WG2146922-5) Analyzed: 11/26/25 08:18 1028
Laboratory Method Bl (WG2147438-5) Analyzed: 11/27/25 05:56 1038
Laboratory Method Bl (WG2148010-5) Analyzed: 11/28/25 10:00 1044
Laboratory Method Bl (WG2148464-5) Analyzed: 12/01/25 09:53 1054
Laboratory Control S (WG2147438-3) Analyzed: 11/27/25 04:10 1071
Laboratory Control S (WG2148010-3) Analyzed: 11/28/25 08:16 1149
Laboratory Control S (WG2147003-3) Analyzed: 11/25/25 14:01 1231
Laboratory Control S (WG2147004-3) Analyzed: 11/25/25 14:01 1309
Laboratory Control S (WG2146922-3) Analyzed: 11/26/25 06:34 1387
Laboratory Control S (WG2146952-3) Analyzed: 11/26/25 06:34 1467
Laboratory Control S (WG2148464-3) Analyzed: 12/01/25 08:50 1547
LCS Duplicate (WG2147438-4) Analyzed: 11/27/25 04:37 1625
LCS Duplicate (WG2148010-4) Analyzed: 11/28/25 08:42 1704
LCS Duplicate (WG2147003-4) Analyzed: 11/25/25 14:28 1784

Table of Contents

LCS Duplicate (WG2147004-4) Analyzed: 11/25/25 14:28 1862
LCS Duplicate (WG2146922-4) Analyzed: 11/26/25 07:00 1940
LCS Duplicate (WG2146952-4) Analyzed: 11/26/25 07:00 2020
LCS Duplicate (WG2148464-4) Analyzed: 12/01/25 09:11 2100
Matrix Spike (WG2146952-6) Analyzed: 11/26/25 16:58 2178
Matrix Spike Duplica (WG2146952-7) Analyzed: 11/26/25 17:24 2267
Volatiles Calculations 2355
QC Batch WG2146922 2356
QC Batch WG2146952 2357
QC Batch WG2147003 2358
QC Batch WG2147004 2359
QC Batch WG2147438 2360
QC Batch WG2148010 2361
QC Batch WG2148464 2362
ICAL Sequence for VOA110 on 16-SEP-2025 00:00 ICAL22640 2363
ICAL Sequence for VOA100 on 24-OCT-2025 00:00 ICAL22760 2364
Logbook 2364
ICAL Sequence for GONZO on 26-OCT-2025 00:00 ICAL22763 2365
ICAL Sequence for VOA123 on 04-NOV-2025 00:00 ICAL22792 2366
Logbook 2366
ICAL Sequence for VOA129 on 26-NOV-2025 00:00 ICAL22852 2367
Instrument VOA100 Run Date 11/26/25 Run ID R2041157 2368
Logbook 2368
Instrument VOA100 Run Date 11/26/25 Run ID R2041191 2369
Logbook 2369
Instrument VOA110 Run Date 11/25/25 Run ID R2041266 2370
Instrument VOA110 Run Date 11/25/25 Run ID R2041267 2371
Instrument GONZO Run Date 11/27/25 Run ID R2041672 2372
Instrument VOA123 Run Date 11/28/25 Run ID R2042170 2373
Logbook 2373
Instrument VOA129 Run Date 12/01/25 Run ID R2042585 2374
Wet Chemistry Analysis 2375
Total Solids Analysis 2376
Results 2377
Form 1 - Inorganics 2378
Sample Raw Data 2388
Wet Chemistry Raw Data 2389
Quality Control 2390
Form 6 - Inorganics 2391
Alpha Analytical Report 2392
Subcontracted Data Documents 2392
Subcontracted Data 2393

Project Name: 545-547 CONEY ISL./50 HINCKLEY
Project Number: 0204391

Lab Number: L2574258
Report Date: 03/24/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2574258-01	TRIP BLANK_20251120	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/20/25 09:05	11/20/25
L2574258-02	FIELD BLANK_20251120	WATER	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/20/25 09:30	11/20/25
L2574258-03	PDI-1_48-50_20251120	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/20/25 11:45	11/20/25
L2574258-04	DUP-01_20251120	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/20/25 00:00	11/20/25
L2574258-05	PDI-1_53-55_20251120	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/20/25 12:00	11/20/25
L2574258-06	PDI-1_58-60_20251120	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/20/25 12:10	11/20/25
L2574258-07	PDI-1_63-65_20251120	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/20/25 12:20	11/20/25
L2574258-08	PDI-1_50-52_20251120	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/20/25 12:30	11/20/25
L2574258-09	PDI-1_52-54_20251120	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/20/25 12:40	11/20/25
L2574258-10	PDI-5_48-50_20251120	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/20/25 13:50	11/20/25
L2574258-11	PDI-5_53-55_20251120	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/20/25 14:00	11/20/25
L2574258-12	PDI-5_58-60_20251120	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/20/25 14:10	11/20/25
L2574258-13	PDI-5_63-65_20251120	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/20/25 14:20	11/20/25

Case Narrative

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

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

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

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

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

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

Case Narrative (continued)

Report Revision

March 24, 2026: The subcontracted SOD report has been amended.

Report Submission

December 12, 2025: This final report includes the results of all requested analyses.

December 03, 2025: This is a preliminary report.

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

The analyses of Porrosity and SOD analyses were subcontracted. Copies of the laboratory reports are included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Volatile Organics

L2574258-03: The acetone result should be considered estimated due to co-elution with a non-target compound.

L2574258-03: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (159%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2574258-04: Differences were noted between the results of the Volatile Organics by EPA Method 5035/8260 High and Low Level analyses which have been attributed to vial discrepancies.

L2574258-04: The internal standard (IS) response(s) for fluorobenzene (264%) and the surrogate recoveries for 1,2-dichloroethane-d4 (40%) and dibromofluoromethane (37%), toluene-d8 (153%) and 4-bromofluorobenzene (1320%) were outside the acceptance criteria due to obvious interferences. A copy of the chromatogram is included as an attachment to this report. The sample was analyzed as a High Level Methanol in order to quantitate results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

Case Narrative (continued)

L2574258-05: The internal standard (IS) response(s) for fluorobenzene (219%) and the surrogate recoveries for dibromofluoromethane (48%) and 4-bromofluorobenzene (339%) were outside the acceptance criteria due to obvious interferences. A copy of the chromatogram is included as an attachment to this report. The sample was re-analyzed on a larger dilution in order to quantitate results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial analysis. The results of both analyses are reported.

L2574258-05D2: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (170%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2574258-10: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (180%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2574258-11 and -12: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

L2574258-11: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (281%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2574258-12: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (384%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

WG2146952-6: The internal standard (IS) response(s) for fluorobenzene (242%) and the surrogate recoveries for dibromofluoromethane (47%) and 4-bromofluorobenzene (364%) were outside the acceptance criteria; however, re-analysis of MSD achieved the following results: fluorobenzene (244%) and dibromofluoromethane (46%), 4-bromofluorobenzene (338%).The results of both analyses are reported.

The WG2146952-6/-7 MS/MSD recoveries performed on L2574258-05 are outside the acceptance criteria for ethylbenzene (0%/0%), naphthalene (0%/0%), n-propylbenzene (0%/0%), 1,3,5-trimethylbenzene (0%/0%), 1,2,4-trimethylbenzene (0%/0%) and 4-ethyltoluene (0%/0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

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

Authorized Signature: Report Date: 03/24/26

Title: Technical Director/Representative

DATA PACKAGE GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: DU Report with 'J' Qualifiers

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

Report Format: DU Report with 'J' Qualifiers

TYPICAL INSTRUMENT PARAMETERS

Volatile Organics Instruments

Volatile Organics:

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

Volatile Organics: VPH

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

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD	
	Column Type: Haysep S Column
	Column Length: 2 Meters packed (100/200 mesh)
Autosampler: LEAP Headspace	Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

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

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

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

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

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

Pesticides/PCB/Herbicides:

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

Petroleum/EPH:

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

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

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

Semivolatile Organics (8270):

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

Semivolatile Organics (8270 SIM):

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

Semivolatile Organics (1,4-Dioxane):

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

Semivolatile Organics (209 Congener):

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

Semivolatile Organics (8081):

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

Semivolatile Organics (8082):

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

Semivolatile Organics (SHC Extractables):

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

Sample Delivery Group Summary

Pace Job Number : L2574258

Received : 20-NOV-2025
Reviewer : Maile Kolton

Account Name : Haley & Aldrich
Project Number : 0204391
Project Name : 545-547 CONEY ISL./50 HINCKLEY

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.8	

Condition Information

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

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Mar 24 2026, 07:43 pm

Login Number: L2574258
Account: HALEY-NYC Haley & AldrichProject: 0204391
Received: 20NOV25 Due Date: 12DEC25

Sample #	Client ID	Mat	PR	Collected
L2574258-01	TRIP BLANK_20251120	3	2F	20NOV25 09:05
886337953722	19.00 ASP-B Package Due Date: 03/24/26			
5035KITS,ASP-B,NYTCL-8260H,NYTCL-8260HLW,TS100				
L2574258-02	FIELD BLANK_20251120	1	2F	20NOV25 09:30
|	Package Due Date: 03/24/26			
NYTCL-8260				
L2574258-03	PDI-1_48-50_20251120	3	2F	20NOV25 11:45
|	Package Due Date: 03/24/26			
5035KITS,NYTCL-8260HLW,TS				
L2574258-04	DUP-01_20251120	3	2F	20NOV25 00:00
|	Package Due Date: 03/24/26			
5035KITS,NYTCL-8260H,NYTCL-8260HLW,TS				
L2574258-05	PDI-1_53-55_20251120	3	2F	20NOV25 12:00
L2574258-05 MS L2574258-05 MSD	Package Due Date: 03/24/26			
5035KITS,MS/MSD,NYTCL-8260HLW,TS				
L2574258-06	PDI-1_58-60_20251120	3	2F	20NOV25 12:10
|	Package Due Date: 03/24/26			
5035KITS,NYTCL-8260HLW,TS				
L2574258-07	PDI-1_63-65_20251120	3	2F	20NOV25 12:20
|	Package Due Date: 03/24/26			

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Mar 24 2026, 07:43 pm

Login Number: L2574258
Account: HALEY-NYC Haley & AldrichProject: 0204391
Received: 20NOV25 Due Date: 12DEC25

Sample #	Client ID	Mat	PR	Collected
	5035KITS,NYTCL-8260HLW,TS			
L2574258-08	PDI-1_50-52_20251120	3	2F	20NOV25 12:30
	| Package Due Date: 03/24/26			
	SUB-PORROSITY			
L2574258-09	PDI-1_52-54_20251120	3	2F	20NOV25 12:40
	| Package Due Date: 03/24/26			
	SUB-SOD-PERS-SINGLE			
L2574258-10	PDI-5_48-50_20251120	3	2F	20NOV25 13:50
	| Package Due Date: 03/24/26			
	5035KITS,NYTCL-8260HLW,TS			
L2574258-11	PDI-5_53-55_20251120	3	2F	20NOV25 14:00
	| Package Due Date: 03/24/26			
	5035KITS,NYTCL-8260HLW,TS			
L2574258-12	PDI-5_58-60_20251120	3	2F	20NOV25 14:10
	| Package Due Date: 03/24/26			
	5035KITS,NYTCL-8260HLW,TS			
L2574258-13	PDI-5_63-65_20251120	3	2F	20NOV25 14:20
	| Package Due Date: 03/24/26			
	5035KITS,NYTCL-8260HLW,TS			

Logged By: Cristin Walker

NEW YORK CHAIN OF CUSTODY

L2574258
HALEY – NYC

ALPHA ANALYTICAL
Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

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

Page 1 of 2

Date Rec'd in Lab: 11/20/25

ALPHA Job #

Client Information
Client: H&A of New York
Address: 213 W 35th St, New York, NY
Phone:
Fax:
Email: MForshay@haleyaldrich.com

Project Information
Project Name: 547 Coney Island Ave/50 Hinckley Place
Project Location: 547 Coney Island, Brooklyn, NY
Project # 0204391
(Use Project name as Project #) ☐
Project Manager: Matt Forshay
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 Files)
☐ Other

Billing Information
☒ Same as Client Info
PO #

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

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
cc: Zach Simmel ZSimmel@haleyaldrich.com

Please specify Metals or TAL.

ANALYSIS
Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs (8260B)	Soil Oxygen Demand	Porosity	Sample Specific Comments	Total Bottle
74258-01	TripBlank_20251120	11/20/25	9:05	—	O.H.	X				4
02	FieldBlank_20251120		9:30	—		X				3
03	PDI-1_48-50_20251120		11:45	S		X				4
04	DUP-01_20251120		—			X				4
05	PDI-1_53-55_20251120		12:00			X			MS/MSD	12
06	PDI-1_58-60_20251120		12:10			X				4
07	PDI-1_63-65_20251120		12:20			X				4
08	PDI-1_50-52_20251120		12:30				X	X	Porosity only	3
09	PDI-1_52-54_20251120		12:40				X	X	Only soil oxygen demand	3
10	PDI-5_48-50_20251120		13:50			X				4

Container Type	V	A	A
Preservative	B	A	A

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

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

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	11/20/25 15:10		11/20/25 15:10
	11/20/25 16:55	Paul Mayella	11/20/25 17:30
Paul Mayella	11/20/25		11/20/25 21:20
	11/20/25 2325		11/20/25 2325

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

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 2 of 2

Date Rec'd in Lab: 11/20/25

AL

L2574258
HALEY – NYC

Client Information

Client: H&A of New York
Address: 213 W 35th St, New York, NY
Phone:
Fax:
Email: mforshay@haleyaldrich.com

Project Information

Project Name: 547 Coney Island Ave, 50 Hinckley Place
Project Location: 547 Coney Island Ave, Brooklyn, NY
Project # 0204391
(Use Project name as Project #) ☐
Project Manager: Matt Forshay
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

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

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

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

Disposal Site Information

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CC: Zach Simmel ZSimmel@haleyaldrich.com

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs (8260B)	Soil Oxygen Demand	Porosity	Sample Specific Comments	Total Bottle
74258 11	PDI-5_53-55_20251120	11/20/25	14:00	S	AH.	X				4
12	PDI-5_58-60_20251120	↓	14:10	↓	↓	X				4
13	PDI-5_63-65_20251120	↓	14:20	↓	↓	X				4

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

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

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type: V
Preservative: B/F

Relinquished By:	Date/Time	Received By:	Date/Time
	11/20/25 15:10		11/20/25 15:10
	11/20/25 16:55	Paul Magella	11/20/25 17:30
Paul Magella	11/20/25		11/20/25 21:26
	11/20/25 23:25		11/20/25 2325

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

Form No: 01-25 HC (rev. 30-Sept-2013)

Organics

GC/MS 8260
Analysis

Volatiles QC Summary

Surrogate Recovery Summary
Form 2
Volatiles

Client: Haley & Aldrich
Project Name: 545-547 CONEY ISL./50 HINCKLEY

Lab Number: L2574258
Project Number: 0204391
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
FIELD BLANK_20251120 (L2574258-02)	109	92	96	106	0
WG2147438-3LCS	103	97	96	95	0
WG2147438-4LCSD	103	96	95	98	0
WG2147438-5BLANK	104	93	98	104	0

QC LIMITS

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

* Values outside of QC limits

FORM II NYTCL-8260

Surrogate Recovery Summary
Form 2
Volatiles

Client: Haley & Aldrich
Project Name: 545-547 CONEY ISL./50 HINCKLEY

Lab Number: L2574258
Project Number: 0204391
Matrix:

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
TRIP BLANK_20251120 (L2574258-01)	140*	95	95	120	1
TRIP BLANK_20251120 (L2574258-01)	133*	93	99	114	1
PDI-1_48-50_20251120 (L2574258-03)	87	102	159*	83	1
DUP-01_20251120 (L2574258-04)	119	112	102	97	0
DUP-01_20251120 (L2574258-04)	40*	153*	1320*	37*	4
PDI-1_53-55_20251120 (L2574258-05D)	110	110	120	85	0
PDI-1_53-55_20251120 (L2574258-05D2)	83	102	170*	71	1
PDI-1_53-55_20251120 (L2574258-05)	88	112	339*	48*	2
PDI-1_58-60_20251120 (L2574258-06)	125	99	105	101	0
PDI-1_63-65_20251120 (L2574258-07)	119	93	105	100	0
PDI-5_48-50_20251120 (L2574258-10)	95	116	180*	91	1
PDI-5_53-55_20251120 (L2574258-11)	86	102	281*	88	1
PDI-5_58-60_20251120 (L2574258-12)	92	100	384*	90	1
PDI-5_63-65_20251120 (L2574258-13)	129	94	94	112	0
WG2146922-3LCS	91	99	94	95	0
WG2146922-4LCSD	91	99	97	93	0
WG2146922-5BLANK	93	98	99	98	0
WG2146952-3LCS	91	99	94	95	0
WG2146952-4LCSD	91	99	97	93	0
WG2146952-5BLANK	93	98	99	98	0
PDI-1_53-55_20251120MS	94	113	364*	47*	2
PDI-1_53-55_20251120MSD	89	112	338*	46*	2
WG2147003-3LCS	127	96	91	95	0
WG2147003-4LCSD	118	97	93	98	0
WG2147003-5BLANK	129	102	97	108	0
WG2147004-3LCS	126	96	91	95	0
WG2147004-4LCSD	118	97	93	98	0

QC LIMITS

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

*** Values outside of QC limits**

FORM II NYTCL-8260

Surrogate Recovery Summary
Form 2
Volatiles

Client: Haley & Aldrich
Project Name: 545-547 CONEY ISL./50 HINCKLEY

Lab Number: L2574258
Project Number: 0204391
Matrix:

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
WG2147004-5BLANK	129	102	97	108	0
WG2148010-3LCS	92	95	121	98	0
WG2148010-4LCSD	93	94	92	99	0
WG2148010-5BLANK	96	96	90	94	0
WG2148464-3LCS	107	101	101	104	0
WG2148464-4LCSD	104	102	102	105	0
WG2148464-5BLANK	107	99	104	104	0

QC LIMITS

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

*** Values outside of QC limits**

FORM II NYTCL-8260

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2146922-3 **Analysis Date** : 11/26/25 06:34	**File ID**	: V00251126A01
LCSD Sample ID	: WG2146922-4 **Analysis Date** : 11/26/25 07:00	**File ID**	: V00251126A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	40	38	95	40	37	92	3	70-130	30
1,1-Dichloroethane	40	36	90	40	35	88	2	70-130	30
Chloroform	40	39	97	40	38	96	1	70-130	30
Carbon tetrachloride	40	45	113	40	45	111	2	70-130	30
1,2-Dichloropropane	40	36	89	40	35	88	1	70-130	30
Dibromochloromethane	40	48	119	40	47	118	1	70-130	30
1,1,2-Trichloroethane	40	42	104	40	42	104	0	70-130	30
Tetrachloroethene	40	50	125	40	50	124	1	70-130	30
Chlorobenzene	40	44	109	40	43	108	1	70-130	30
Trichlorofluoromethane	40	42	106	40	42	105	1	70-139	30
1,2-Dichloroethane	40	38	96	40	38	96	0	70-130	30
1,1,1-Trichloroethane	40	44	111	40	44	110	1	70-130	30
Bromodichloromethane	40	39	98	40	39	98	0	70-130	30
trans-1,3-Dichloropropene	40	44	110	40	43	107	3	70-130	30
cis-1,3-Dichloropropene	40	39	97	40	38	96	1	70-130	30
1,1-Dichloropropene	40	43	106	40	42	104	2	70-130	30
Bromoform	40	46	114	40	45	111	3	70-130	30
1,1,2,2-Tetrachloroethane	40	41	102	40	40	100	2	70-130	30
Benzene	40	38	95	40	38	94	1	70-130	30
Toluene	40	43	107	40	42	106	1	70-130	30
Ethylbenzene	40	44	109	40	43	108	1	70-130	30
Chloromethane	40	32	80	40	32	79	1	52-130	30
Bromomethane	40	27	67	40	26	65	3	57-147	30
Vinyl chloride	40	29	72	40	28	70	3	67-130	30
Chloroethane	40	27	67	40	25	63	6	50-151	30
1,1-Dichloroethene	40	41	101	40	39	97	4	65-135	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2146922-3 **Analysis Date** : 11/26/25 06:34	**File ID**	: V00251126A01
LCSD Sample ID	: WG2146922-4 **Analysis Date** : 11/26/25 07:00	**File ID**	: V00251126A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	40	38	96	40	38	94	2	70-130	30
Trichloroethene	40	40	99	40	40	99	0	70-130	30
1,2-Dichlorobenzene	40	47	116	40	45	113	3	70-130	30
1,3-Dichlorobenzene	40	46	114	40	45	112	2	70-130	30
1,4-Dichlorobenzene	40	46	114	40	45	112	2	70-130	30
Methyl tert butyl ether	40	39	99	40	39	98	1	66-130	30
p/m-Xylene	80	88	110	80	87	108	2	70-130	30
o-Xylene	80	87	109	80	86	107	2	70-130	30
cis-1,2-Dichloroethene	40	39	97	40	38	95	2	70-130	30
Dibromomethane	40	39	98	40	40	100	2	70-130	30
Styrene	80	85	107	80	84	105	2	70-130	30
Dichlorodifluoromethane	40	41	102	40	41	103	1	30-146	30
Acetone	40	27	67	40	24	60	11	54-140	30
Carbon disulfide	40	40	99	40	38	94	5	59-130	30
2-Butanone	40	33	84	40	34	85	1	70-130	30
Vinyl acetate	40	40	100	40	40	100	0	70-130	30
4-Methyl-2-pentanone	40	40	101	40	39	98	3	70-130	30
1,2,3-Trichloropropane	40	40	99	40	38	96	3	68-130	30
2-Hexanone	40	39	98	40	38	94	4	70-130	30
Bromochloromethane	40	41	101	40	40	101	0	70-130	30
2,2-Dichloropropane	40	41	102	40	40	99	3	70-130	30
1,2-Dibromoethane	40	47	118	40	47	117	1	70-130	30
1,3-Dichloropropane	40	42	106	40	42	105	1	69-130	30
1,1,1,2-Tetrachloroethane	40	48	120	40	47	118	2	70-130	30
Bromobenzene	40	44	111	40	44	111	0	70-130	30
n-Butylbenzene	40	45	112	40	44	110	2	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2146922-3 **Analysis Date** : 11/26/25 06:34	**File ID**	: V00251126A01
LCSD Sample ID	: WG2146922-4 **Analysis Date** : 11/26/25 07:00	**File ID**	: V00251126A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
sec-Butylbenzene	40	44	109	40	43	106	3	70-130	30
tert-Butylbenzene	40	44	109	40	43	106	3	70-130	30
o-Chlorotoluene	40	41	103	40	41	102	1	70-130	30
p-Chlorotoluene	40	42	105	40	41	103	2	70-130	30
1,2-Dibromo-3-chloropropane	40	47	117	40	46	116	1	68-130	30
Hexachlorobutadiene	40	51	127	40	50	125	2	67-130	30
Isopropylbenzene	40	43	108	40	42	105	3	70-130	30
p-Isopropyltoluene	40	44	111	40	43	108	3	70-130	30
Naphthalene	40	46	115	40	46	114	1	70-130	30
Acrylonitrile	40	38	96	40	37	92	4	70-130	30
n-Propylbenzene	40	41	101	40	40	100	1	70-130	30
1,2,3-Trichlorobenzene	40	50	125	40	50	124	1	70-130	30
1,2,4-Trichlorobenzene	40	49	123	40	49	121	2	70-130	30
1,3,5-Trimethylbenzene	40	42	106	40	42	104	2	70-130	30
1,2,4-Trimethylbenzene	40	43	108	40	42	106	2	70-130	30
1,4-Dioxane	2000	2200	111	2000	2200	110	1	65-136	30
p-Diethylbenzene	40	44	111	40	43	108	3	70-130	30
p-Ethyltoluene	40	42	105	40	42	104	1	70-130	30
1,2,4,5-Tetramethylbenzene	40	45	113	40	45	112	1	70-130	30
Ethyl ether	40	37	93	40	37	92	1	67-130	30
trans-1,4-Dichloro-2-butene	40	41	103	40	39	98	5	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2146952-3 **Analysis Date** : 11/26/25 06:34	**File ID**	: V00251126A01
LCSD Sample ID	: WG2146952-4 **Analysis Date** : 11/26/25 07:00	**File ID**	: V00251126A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	2000	1900	95	2000	1800	92	3	70-130	30
1,1-Dichloroethane	2000	1800	90	2000	1800	88	2	70-130	30
Chloroform	2000	1900	97	2000	1900	96	1	70-130	30
Carbon tetrachloride	2000	2300	113	2000	2200	111	2	70-130	30
1,2-Dichloropropane	2000	1800	89	2000	1800	88	1	70-130	30
Dibromochloromethane	2000	2400	119	2000	2400	118	1	70-130	30
1,1,2-Trichloroethane	2000	2100	104	2000	2100	104	0	70-130	30
Tetrachloroethene	2000	2500	125	2000	2500	124	1	70-130	30
Chlorobenzene	2000	2200	109	2000	2200	108	1	70-130	30
Trichlorofluoromethane	2000	2100	106	2000	2100	105	1	70-139	30
1,2-Dichloroethane	2000	1900	96	2000	1900	96	0	70-130	30
1,1,1-Trichloroethane	2000	2200	111	2000	2200	110	1	70-130	30
Bromodichloromethane	2000	2000	98	2000	2000	98	0	70-130	30
trans-1,3-Dichloropropene	2000	2200	110	2000	2100	107	3	70-130	30
cis-1,3-Dichloropropene	2000	2000	97	2000	1900	96	1	70-130	30
1,1-Dichloropropene	2000	2100	106	2000	2100	104	2	70-130	30
Bromoform	2000	2300	114	2000	2200	111	3	70-130	30
1,1,2,2-Tetrachloroethane	2000	2000	102	2000	2000	100	2	70-130	30
Benzene	2000	1900	95	2000	1900	94	1	70-130	30
Toluene	2000	2200	107	2000	2100	106	1	70-130	30
Ethylbenzene	2000	2200	109	2000	2200	108	1	70-130	30
Chloromethane	2000	1600	80	2000	1600	79	1	52-130	30
Bromomethane	2000	1300	67	2000	1300	65	3	57-147	30
Vinyl chloride	2000	1400	72	2000	1400	70	3	67-130	30
Chloroethane	2000	1300	67	2000	1300	63	6	50-151	30
1,1-Dichloroethene	2000	2000	101	2000	1900	97	4	65-135	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2146952-3 **Analysis Date** : 11/26/25 06:34	**File ID**	: V00251126A01
LCSD Sample ID	: WG2146952-4 **Analysis Date** : 11/26/25 07:00	**File ID**	: V00251126A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	2000	1900	96	2000	1900	94	2	70-130	30
Trichloroethene	2000	2000	99	2000	2000	99	0	70-130	30
1,2-Dichlorobenzene	2000	2300	116	2000	2300	113	3	70-130	30
1,3-Dichlorobenzene	2000	2300	114	2000	2200	112	2	70-130	30
1,4-Dichlorobenzene	2000	2300	114	2000	2200	112	2	70-130	30
Methyl tert butyl ether	2000	2000	99	2000	2000	98	1	66-130	30
p/m-Xylene	4000	4400	110	4000	4300	108	2	70-130	30
o-Xylene	4000	4400	109	4000	4300	107	2	70-130	30
cis-1,2-Dichloroethene	2000	1900	97	2000	1900	95	2	70-130	30
Dibromomethane	2000	2000	98	2000	2000	100	2	70-130	30
Styrene	4000	4300	107	4000	4200	105	2	70-130	30
Dichlorodifluoromethane	2000	2000	102	2000	2100	103	1	30-146	30
Acetone	2000	1300	67	2000	1200	60	11	54-140	30
Carbon disulfide	2000	2000	99	2000	1900	94	5	59-130	30
2-Butanone	2000	1700	84	2000	1700	85	1	70-130	30
Vinyl acetate	2000	2000	100	2000	2000	100	0	70-130	30
4-Methyl-2-pentanone	2000	2000	101	2000	2000	98	3	70-130	30
1,2,3-Trichloropropane	2000	2000	99	2000	1900	96	3	68-130	30
2-Hexanone	2000	2000	98	2000	1900	94	4	70-130	30
Bromochloromethane	2000	2000	101	2000	2000	101	0	70-130	30
2,2-Dichloropropane	2000	2000	102	2000	2000	99	3	70-130	30
1,2-Dibromoethane	2000	2400	118	2000	2300	117	1	70-130	30
1,3-Dichloropropane	2000	2100	106	2000	2100	105	1	69-130	30
1,1,1,2-Tetrachloroethane	2000	2400	120	2000	2400	118	2	70-130	30
Bromobenzene	2000	2200	111	2000	2200	111	0	70-130	30
n-Butylbenzene	2000	2300	112	2000	2200	110	2	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2146952-3 **Analysis Date** : 11/26/25 06:34	**File ID**	: V00251126A01
LCSD Sample ID	: WG2146952-4 **Analysis Date** : 11/26/25 07:00	**File ID**	: V00251126A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
sec-Butylbenzene	2000	2200	109	2000	2100	106	3	70-130	30
tert-Butylbenzene	2000	2200	109	2000	2100	106	3	70-130	30
o-Chlorotoluene	2000	2100	103	2000	2000	102	1	70-130	30
p-Chlorotoluene	2000	2100	105	2000	2100	103	2	70-130	30
1,2-Dibromo-3-chloropropane	2000	2300	117	2000	2300	116	1	68-130	30
Hexachlorobutadiene	2000	2500	127	2000	2500	125	2	67-130	30
Isopropylbenzene	2000	2200	108	2000	2100	105	3	70-130	30
p-Isopropyltoluene	2000	2200	111	2000	2200	108	3	70-130	30
Naphthalene	2000	2300	115	2000	2300	114	1	70-130	30
Acrylonitrile	2000	1900	96	2000	1800	92	4	70-130	30
n-Propylbenzene	2000	2000	101	2000	2000	100	1	70-130	30
1,2,3-Trichlorobenzene	2000	2500	125	2000	2500	124	1	70-130	30
1,2,4-Trichlorobenzene	2000	2500	123	2000	2400	121	2	70-130	30
1,3,5-Trimethylbenzene	2000	2100	106	2000	2100	104	2	70-130	30
1,2,4-Trimethylbenzene	2000	2200	108	2000	2100	106	2	70-130	30
1,4-Dioxane	100000	110000	111	100000	110000	110	1	65-136	30
p-Diethylbenzene	2000	2200	111	2000	2200	108	3	70-130	30
p-Ethyltoluene	2000	2100	105	2000	2100	104	1	70-130	30
1,2,4,5-Tetramethylbenzene	2000	2300	113	2000	2200	112	1	70-130	30
Ethyl ether	2000	1900	93	2000	1800	92	1	67-130	30
trans-1,4-Dichloro-2-butene	2000	2100	103	2000	2000	98	5	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2147003-3 **Analysis Date** : 11/25/25 14:01	**File ID**	: V10251125C01
LCSD Sample ID	: WG2147003-4 **Analysis Date** : 11/25/25 14:28	**File ID**	: V10251125C02

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R		True (ug/kg)	Found (ug/kg)	%R		RPD	Recovery Limits	RPD Limit
Methylene chloride	40	31	77		40	30	76		1	70-130	30
1,1-Dichloroethane	40	38	95		40	37	93		2	70-130	30
Chloroform	40	39	97		40	40	99		2	70-130	30
Carbon tetrachloride	40	45	112		40	45	113		1	70-130	30
1,2-Dichloropropane	40	39	98		40	37	92		6	70-130	30
Dibromochloromethane	40	45	114		40	44	110		4	70-130	30
1,1,2-Trichloroethane	40	43	106		40	41	102		4	70-130	30
Tetrachloroethene	40	41	103		40	43	108		5	70-130	30
Chlorobenzene	40	37	93		40	40	101		8	70-130	30
Trichlorofluoromethane	40	34	85		40	31	78		9	70-139	30
1,2-Dichloroethane	40	51	127		40	49	122		4	70-130	30
1,1,1-Trichloroethane	40	44	110		40	44	111		1	70-130	30
Bromodichloromethane	40	45	112		40	43	108		4	70-130	30
trans-1,3-Dichloropropene	40	46	115		40	46	114		1	70-130	30
cis-1,3-Dichloropropene	40	42	104		40	41	101		3	70-130	30
1,1-Dichloropropene	40	40	99		40	41	101		2	70-130	30
Bromoform	40	43	107		40	49	121		12	70-130	30
1,1,2,2-Tetrachloroethane	40	39	96		40	39	97		1	70-130	30
Benzene	40	38	94		40	38	95		1	70-130	30
Toluene	40	38	95		40	39	98		3	70-130	30
Ethylbenzene	40	36	91		40	39	98		7	70-130	30
Chloromethane	40	35	88		40	34	84		5	52-130	30
Bromomethane	40	21	51	Q	40	19	48	Q	6	57-147	30
Vinyl chloride	40	26	65	Q	40	26	64	Q	2	67-130	30
Chloroethane	40	25	61		40	23	58		5	50-151	30
1,1-Dichloroethene	40	25	63	Q	40	25	63	Q	0	65-135	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2147003-3 **Analysis Date** : 11/25/25 14:01	**File ID**	: V10251125C01
LCSD Sample ID	: WG2147003-4 **Analysis Date** : 11/25/25 14:28	**File ID**	: V10251125C02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	40	32	80	40	35	88	10	70-130	30
Trichloroethene	40	38	94	40	39	98	4	70-130	30
1,2-Dichlorobenzene	40	39	97	40	40	100	3	70-130	30
1,3-Dichlorobenzene	40	38	94	40	40	99	5	70-130	30
1,4-Dichlorobenzene	40	37	93	40	38	94	1	70-130	30
Methyl tert butyl ether	40	43	108	40	43	107	1	66-130	30
p/m-Xylene	80	75	94	80	80	100	6	70-130	30
o-Xylene	80	76	95	80	78	98	3	70-130	30
cis-1,2-Dichloroethene	40	34	84	40	36	90	7	70-130	30
Dibromomethane	40	40	100	40	40	99	1	70-130	30
Styrene	80	73	92	80	76	95	3	70-130	30
Dichlorodifluoromethane	40	43	107	40	40	101	6	30-146	30
Acetone	40	54	136	40	47	118	14	54-140	30
Carbon disulfide	40	24	61	40	24	59	3	59-130	30
2-Butanone	40	50	124	40	46	115	8	70-130	30
Vinyl acetate	40	53	131 Q	40	46	115	13	70-130	30
4-Methyl-2-pentanone	40	42	105	40	41	102	3	70-130	30
1,2,3-Trichloropropane	40	43	108	40	44	110	2	68-130	30
2-Hexanone	40	41	103	40	37	93	10	70-130	30
Bromochloromethane	40	37	94	40	38	95	1	70-130	30
2,2-Dichloropropane	40	40	100	40	40	100	0	70-130	30
1,2-Dibromoethane	40	43	108	40	42	104	4	70-130	30
1,3-Dichloropropane	40	44	109	40	42	105	4	69-130	30
1,1,1,2-Tetrachloroethane	40	43	106	40	46	116	9	70-130	30
Bromobenzene	40	36	89	40	39	98	10	70-130	30
n-Butylbenzene	40	39	97	40	41	101	4	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2147003-3 **Analysis Date** : 11/25/25 14:01	**File ID**	: V10251125C01
LCSD Sample ID	: WG2147003-4 **Analysis Date** : 11/25/25 14:28	**File ID**	: V10251125C02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
sec-Butylbenzene	40	37	93	40	40	100	7	70-130	30
tert-Butylbenzene	40	36	91	40	39	97	6	70-130	30
o-Chlorotoluene	40	37	92	40	39	98	6	70-130	30
p-Chlorotoluene	40	37	92	40	39	96	4	70-130	30
1,2-Dibromo-3-chloropropane	40	43	106	40	43	107	1	68-130	30
Hexachlorobutadiene	40	46	114	40	50	124	8	67-130	30
Isopropylbenzene	40	35	88	40	39	97	10	70-130	30
p-Isopropyltoluene	40	37	92	40	39	97	5	70-130	30
Naphthalene	40	37	92	40	35	87	6	70-130	30
Acrylonitrile	40	43	107	40	40	99	8	70-130	30
n-Propylbenzene	40	35	88	40	39	96	9	70-130	30
1,2,3-Trichlorobenzene	40	41	102	40	39	98	4	70-130	30
1,2,4-Trichlorobenzene	40	40	99	40	41	102	3	70-130	30
1,3,5-Trimethylbenzene	40	38	94	40	40	100	6	70-130	30
1,2,4-Trimethylbenzene	40	38	96	40	40	100	4	70-130	30
1,4-Dioxane	2000	2200	108	2000	1900	97	11	65-136	30
p-Diethylbenzene	40	36	90	40	38	94	4	70-130	30
p-Ethyltoluene	40	35	88	40	39	97	10	70-130	30
1,2,4,5-Tetramethylbenzene	40	35	88	40	37	92	4	70-130	30
Ethyl ether	40	28	71	40	27	67	6	67-130	30
trans-1,4-Dichloro-2-butene	40	47	118	40	48	119	1	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2147004-3 **Analysis Date** : 11/25/25 14:01	**File ID**	: V10251125C01
LCSD Sample ID	: WG2147004-4 **Analysis Date** : 11/25/25 14:28	**File ID**	: V10251125C02

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R		True (ug/kg)	Found (ug/kg)	%R		RPD	Recovery Limits	RPD Limit
Methylene chloride	2000	1500	77		2000	1500	76		1	70-130	30
1,1-Dichloroethane	2000	1900	95		2000	1900	93		2	70-130	30
Chloroform	2000	1900	97		2000	2000	99		2	70-130	30
Carbon tetrachloride	2000	2200	112		2000	2300	113		1	70-130	30
1,2-Dichloropropane	2000	2000	98		2000	1900	92		6	70-130	30
Dibromochloromethane	2000	2300	114		2000	2200	110		4	70-130	30
1,1,2-Trichloroethane	2000	2100	106		2000	2000	102		4	70-130	30
Tetrachloroethene	2000	2100	103		2000	2200	108		5	70-130	30
Chlorobenzene	2000	1900	93		2000	2000	101		8	70-130	30
Trichlorofluoromethane	2000	1700	85		2000	1600	78		9	70-139	30
1,2-Dichloroethane	2000	2500	127		2000	2400	122		4	70-130	30
1,1,1-Trichloroethane	2000	2200	110		2000	2200	111		1	70-130	30
Bromodichloromethane	2000	2300	112		2000	2200	108		4	70-130	30
trans-1,3-Dichloropropene	2000	2300	115		2000	2300	114		1	70-130	30
cis-1,3-Dichloropropene	2000	2100	104		2000	2000	101		3	70-130	30
1,1-Dichloropropene	2000	2000	99		2000	2000	101		2	70-130	30
Bromoform	2000	2100	107		2000	2400	121		12	70-130	30
1,1,2,2-Tetrachloroethane	2000	1900	96		2000	1900	97		1	70-130	30
Benzene	2000	1900	94		2000	1900	95		1	70-130	30
Toluene	2000	1900	95		2000	2000	98		3	70-130	30
Ethylbenzene	2000	1800	91		2000	2000	98		7	70-130	30
Chloromethane	2000	1800	88		2000	1700	84		5	52-130	30
Bromomethane	2000	1000	51	Q	2000	950	48	Q	6	57-147	30
Vinyl chloride	2000	1300	65	Q	2000	1300	64	Q	2	67-130	30
Chloroethane	2000	1200	61		2000	1200	58		5	50-151	30
1,1-Dichloroethene	2000	1300	63	Q	2000	1300	63	Q	0	65-135	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2147004-3 **Analysis Date** : 11/25/25 14:01	**File ID**	: V10251125C01
LCSD Sample ID	: WG2147004-4 **Analysis Date** : 11/25/25 14:28	**File ID**	: V10251125C02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	2000	1600	80	2000	1800	88	10	70-130	30
Trichloroethene	2000	1900	94	2000	2000	98	4	70-130	30
1,2-Dichlorobenzene	2000	1900	97	2000	2000	100	3	70-130	30
1,3-Dichlorobenzene	2000	1900	94	2000	2000	99	5	70-130	30
1,4-Dichlorobenzene	2000	1900	93	2000	1900	94	1	70-130	30
Methyl tert butyl ether	2000	2200	108	2000	2100	107	1	66-130	30
p/m-Xylene	4000	3800	94	4000	4000	100	6	70-130	30
o-Xylene	4000	3800	95	4000	3900	98	3	70-130	30
cis-1,2-Dichloroethene	2000	1700	84	2000	1800	90	7	70-130	30
Dibromomethane	2000	2000	100	2000	2000	99	1	70-130	30
Styrene	4000	3700	92	4000	3800	95	3	70-130	30
Dichlorodifluoromethane	2000	2100	107	2000	2000	101	6	30-146	30
Acetone	2000	2700	136	2000	2400	118	14	54-140	30
Carbon disulfide	2000	1200	61	2000	1200	59	3	59-130	30
2-Butanone	2000	2500	124	2000	2300	115	8	70-130	30
Vinyl acetate	2000	2600	131 Q	2000	2300	115	13	70-130	30
4-Methyl-2-pentanone	2000	2100	105	2000	2000	102	3	70-130	30
1,2,3-Trichloropropane	2000	2200	108	2000	2200	110	2	68-130	30
2-Hexanone	2000	2100	103	2000	1900	93	10	70-130	30
Bromochloromethane	2000	1900	94	2000	1900	95	1	70-130	30
2,2-Dichloropropane	2000	2000	100	2000	2000	100	0	70-130	30
1,2-Dibromoethane	2000	2200	108	2000	2100	104	4	70-130	30
1,3-Dichloropropane	2000	2200	109	2000	2100	105	4	69-130	30
1,1,1,2-Tetrachloroethane	2000	2100	106	2000	2300	116	9	70-130	30
Bromobenzene	2000	1800	89	2000	2000	98	10	70-130	30
n-Butylbenzene	2000	1900	97	2000	2000	101	4	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2147004-3 **Analysis Date** : 11/25/25 14:01	**File ID**	: V10251125C01
LCSD Sample ID	: WG2147004-4 **Analysis Date** : 11/25/25 14:28	**File ID**	: V10251125C02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
sec-Butylbenzene	2000	1900	93	2000	2000	100	7	70-130	30
tert-Butylbenzene	2000	1800	91	2000	1900	97	6	70-130	30
o-Chlorotoluene	2000	1800	92	2000	2000	98	6	70-130	30
p-Chlorotoluene	2000	1800	92	2000	1900	96	4	70-130	30
1,2-Dibromo-3-chloropropane	2000	2100	106	2000	2100	107	1	68-130	30
Hexachlorobutadiene	2000	2300	114	2000	2500	124	8	67-130	30
Isopropylbenzene	2000	1800	88	2000	1900	97	10	70-130	30
p-Isopropyltoluene	2000	1800	92	2000	1900	97	5	70-130	30
Naphthalene	2000	1800	92	2000	1700	87	6	70-130	30
Acrylonitrile	2000	2200	107	2000	2000	99	8	70-130	30
n-Propylbenzene	2000	1800	88	2000	1900	96	9	70-130	30
1,2,3-Trichlorobenzene	2000	2000	102	2000	2000	98	4	70-130	30
1,2,4-Trichlorobenzene	2000	2000	99	2000	2000	102	3	70-130	30
1,3,5-Trimethylbenzene	2000	1900	94	2000	2000	100	6	70-130	30
1,2,4-Trimethylbenzene	2000	1900	96	2000	2000	100	4	70-130	30
1,4-Dioxane	100000	110000	108	100000	97000	97	11	65-136	30
p-Diethylbenzene	2000	1800	90	2000	1900	94	4	70-130	30
p-Ethyltoluene	2000	1800	88	2000	1900	97	10	70-130	30
1,2,4,5-Tetramethylbenzene	2000	1800	88	2000	1800	92	4	70-130	30
Ethyl ether	2000	1400	71	2000	1300	67	6	67-130	30
trans-1,4-Dichloro-2-butene	2000	2400	118	2000	2400	119	1	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2147438-3 **Analysis Date** : 11/27/25 04:10	**File ID**	: VG251127A01
LCSD Sample ID	: WG2147438-4 **Analysis Date** : 11/27/25 04:37	**File ID**	: VG251127A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	10	100	10	9.2	92	8	70-130	20
1,1-Dichloroethane	10	11	110	10	9.6	96	14	70-130	20
Chloroform	10	10	100	10	9.4	94	6	70-130	20
Carbon tetrachloride	10	10	100	10	9.1	91	9	63-132	20
1,2-Dichloropropane	10	10	100	10	9.3	93	7	70-130	20
Dibromochloromethane	10	9.9	99	10	8.8	88	12	63-130	20
1,1,2-Trichloroethane	10	10	100	10	9.3	93	7	70-130	20
Tetrachloroethene	10	11	110	10	9.5	95	15	70-130	20
Chlorobenzene	10	11	110	10	9.6	96	14	75-130	20
Trichlorofluoromethane	10	11	110	10	9.0	90	20	62-150	20
1,2-Dichloroethane	10	11	110	10	9.8	98	12	70-130	20
1,1,1-Trichloroethane	10	10	100	10	9.5	95	5	67-130	20
Bromodichloromethane	10	10	100	10	9.4	94	6	67-130	20
trans-1,3-Dichloropropene	10	10	100	10	9.4	94	6	70-130	20
cis-1,3-Dichloropropene	10	10	100	10	9.2	92	8	70-130	20
1,1-Dichloropropene	10	11	110	10	9.8	98	12	70-130	20
Bromoform	10	9.6	96	10	8.8	88	9	54-136	20
1,1,2,2-Tetrachloroethane	10	10	100	10	9.6	96	4	67-130	20
Benzene	10	11	110	10	9.9	99	11	70-130	20
Toluene	10	10	100	10	9.5	95	5	70-130	20
Ethylbenzene	10	10	100	10	9.4	94	6	70-130	20
Chloromethane	10	12	120	10	10	100	18	64-130	20
Bromomethane	10	5.0	50	10	4.2	42	17	39-139	20
Vinyl chloride	10	11	110	10	9.9	99	11	55-140	20
Chloroethane	10	8.4	84	10	7.5	75	11	55-138	20
1,1-Dichloroethene	10	10	100	10	9.1	91	9	61-145	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2147438-3 **Analysis Date** : 11/27/25 04:10	**File ID**	: VG251127A01
LCSD Sample ID	: WG2147438-4 **Analysis Date** : 11/27/25 04:37	**File ID**	: VG251127A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	10	10	100	10	9.1	91	9	70-130	20
Trichloroethene	10	10	100	10	9.2	92	8	70-130	20
1,2-Dichlorobenzene	10	10	100	10	9.5	95	5	70-130	20
1,3-Dichlorobenzene	10	11	110	10	9.4	94	16	70-130	20
1,4-Dichlorobenzene	10	10	100	10	9.4	94	6	70-130	20
Methyl tert butyl ether	10	9.6	96	10	9.0	90	6	63-130	20
p/m-Xylene	20	22	110	20	19	95	15	70-130	20
o-Xylene	20	21	105	20	19	95	10	70-130	20
cis-1,2-Dichloroethene	10	10	100	10	9.5	95	5	70-130	20
Dibromomethane	10	10	100	10	9.8	98	2	70-130	20
1,2,3-Trichloropropane	10	9.9	99	10	9.1	91	8	64-130	20
Acrylonitrile	10	10	100	10	10	100	0	70-130	20
Styrene	20	22	110	20	20	100	10	70-130	20
Dichlorodifluoromethane	10	12	120	10	11	110	9	36-147	20
Acetone	10	9.4	94	10	10	100	6	58-148	20
Carbon disulfide	10	11	110	10	9.4	94	16	51-130	20
2-Butanone	10	11	110	10	11	110	0	63-138	20
Vinyl acetate	10	12	120	10	11	110	9	70-130	20
4-Methyl-2-pentanone	10	9.0	90	10	8.7	87	3	59-130	20
2-Hexanone	10	10	100	10	9.5	95	5	57-130	20
Bromochloromethane	10	11	110	10	10	100	10	70-130	20
2,2-Dichloropropane	10	12	120	10	9.7	97	21 Q	63-133	20
1,2-Dibromoethane	10	9.7	97	10	9.0	90	7	70-130	20
1,3-Dichloropropane	10	10	100	10	9.5	95	5	70-130	20
1,1,1,2-Tetrachloroethane	10	10	100	10	9.1	91	9	64-130	20
Bromobenzene	10	10	100	10	9.4	94	6	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2147438-3 **Analysis Date** : 11/27/25 04:10	**File ID**	: VG251127A01
LCSD Sample ID	: WG2147438-4 **Analysis Date** : 11/27/25 04:37	**File ID**	: VG251127A02

	Laboratory Control Sample			Laboratory Control Duplicate						
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD		Recovery Limits	RPD Limit
n-Butylbenzene	10	11	110	10	8.9	89	21	Q	53-136	20
sec-Butylbenzene	10	11	110	10	9.6	96	14		70-130	20
tert-Butylbenzene	10	11	110	10	9.4	94	16		70-130	20
o-Chlorotoluene	10	10	100	10	9.3	93	7		70-130	20
p-Chlorotoluene	10	10	100	10	9.2	92	8		70-130	20
1,2-Dibromo-3-chloropropane	10	9.0	90	10	8.9	89	1		41-144	20
Hexachlorobutadiene	10	12	120	10	9.9	99	19		63-130	20
Isopropylbenzene	10	11	110	10	9.6	96	14		70-130	20
p-Isopropyltoluene	10	10	100	10	8.8	88	13		70-130	20
Naphthalene	10	9.2	92	10	8.5	85	8		70-130	20
n-Propylbenzene	10	11	110	10	9.4	94	16		69-130	20
1,2,3-Trichlorobenzene	10	10	100	10	9.0	90	11		70-130	20
1,2,4-Trichlorobenzene	10	10	100	10	9.1	91	9		70-130	20
1,3,5-Trimethylbenzene	10	11	110	10	9.4	94	16		64-130	20
1,2,4-Trimethylbenzene	10	11	110	10	9.5	95	15		70-130	20
1,4-Dioxane	500	510	102	500	460	92	10		56-162	20
p-Diethylbenzene	10	10	100	10	8.6	86	15		70-130	20
p-Ethyltoluene	10	11	110	10	9.6	96	14		70-130	20
1,2,4,5-Tetramethylbenzene	10	8.9	89	10	7.6	76	16		70-130	20
Ethyl ether	10	10	100	10	8.8	88	13		59-134	20
trans-1,4-Dichloro-2-butene	10	7.8	78	10	7.2	72	8		70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2148010-3 **Analysis Date** : 11/28/25 08:16	**File ID**	: V23251128A01
LCSD Sample ID	: WG2148010-4 **Analysis Date** : 11/28/25 08:42	**File ID**	: V23251128A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	2000	2100	106	2000	2100	105	1	70-130	30
1,1-Dichloroethane	2000	2300	114	2000	2300	114	0	70-130	30
Chloroform	2000	1900	96	2000	1900	95	1	70-130	30
Carbon tetrachloride	2000	2400	118	2000	2300	114	3	70-130	30
1,2-Dichloropropane	2000	2200	109	2000	2200	111	2	70-130	30
Dibromochloromethane	2000	2200	111	2000	2300	113	2	70-130	30
1,1,2-Trichloroethane	2000	2100	103	2000	2100	106	3	70-130	30
Tetrachloroethene	2000	2500	125	2000	2500	123	2	70-130	30
Chlorobenzene	2000	2200	111	2000	2200	111	0	70-130	30
Trichlorofluoromethane	2000	2800	140 Q	2000	2500	122	14	70-139	30
1,2-Dichloroethane	2000	2100	106	2000	2200	109	3	70-130	30
1,1,1-Trichloroethane	2000	2500	124	2000	2400	121	2	70-130	30
Bromodichloromethane	2000	2200	109	2000	2200	110	1	70-130	30
trans-1,3-Dichloropropene	2000	2100	107	2000	2200	109	2	70-130	30
cis-1,3-Dichloropropene	2000	2200	110	2000	2200	110	0	70-130	30
1,1-Dichloropropene	2000	2600	129	2000	2500	125	3	70-130	30
Bromoform	2000	2000	99	2000	2100	103	4	70-130	30
1,1,2,2-Tetrachloroethane	2000	2000	98	2000	2000	102	4	70-130	30
Benzene	2000	2300	116	2000	2300	116	0	70-130	30
Toluene	2000	2200	112	2000	2200	110	2	70-130	30
Ethylbenzene	2000	2200	111	2000	2200	110	1	70-130	30
Chloromethane	2000	2500	126	2000	2400	121	4	52-130	30
Bromomethane	2000	3400	171 Q	2000	3300	166 Q	3	57-147	30
Vinyl chloride	2000	2800	138 Q	2000	2600	129	7	67-130	30
Chloroethane	2000	2600	132	2000	2600	129	2	50-151	30
1,1-Dichloroethene	2000	2400	122	2000	2300	116	5	65-135	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2148010-3 **Analysis Date** : 11/28/25 08:16	**File ID**	: V23251128A01
LCSD Sample ID	: WG2148010-4 **Analysis Date** : 11/28/25 08:42	**File ID**	: V23251128A02

	Laboratory Control Sample			Laboratory Control Duplicate						
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD		Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	2000	2400	117	2000	2300	113	3		70-130	30
Trichloroethene	2000	2400	118	2000	2400	118	0		70-130	30
1,2-Dichlorobenzene	2000	2200	108	2000	2200	109	1		70-130	30
1,3-Dichlorobenzene	2000	2200	109	2000	2200	110	1		70-130	30
1,4-Dichlorobenzene	2000	2100	107	2000	2200	108	1		70-130	30
Methyl tert butyl ether	2000	2100	105	2000	2100	105	0		66-130	30
p/m-Xylene	4000	4600	116	4000	4600	115	1		70-130	30
o-Xylene	4000	4500	111	4000	4400	111	0		70-130	30
cis-1,2-Dichloroethene	2000	2200	111	2000	2200	110	1		70-130	30
Dibromomethane	2000	2100	105	2000	2100	106	1		70-130	30
Styrene	4000	3900	98	4000	3900	97	1		70-130	30
Dichlorodifluoromethane	2000	2800	140	2000	2700	134	4		30-146	30
Acetone	2000	2700	134	2000	1800	91	38	Q	54-140	30
Carbon disulfide	2000	2200	112	2000	2200	110	2		59-130	30
2-Butanone	2000	2000	99	2000	1800	88	12		70-130	30
Vinyl acetate	2000	2100	106	2000	2100	106	0		70-130	30
4-Methyl-2-pentanone	2000	2100	103	2000	2100	103	0		70-130	30
1,2,3-Trichloropropane	2000	1900	95	2000	2000	99	4		68-130	30
2-Hexanone	2000	1800	90	2000	1700	86	5		70-130	30
Bromochloromethane	2000	2200	110	2000	2200	112	2		70-130	30
2,2-Dichloropropane	2000	2400	119	2000	2300	117	2		70-130	30
1,2-Dibromoethane	2000	2200	108	2000	2200	111	3		70-130	30
1,3-Dichloropropane	2000	2100	105	2000	2100	107	2		69-130	30
1,1,1,2-Tetrachloroethane	2000	2300	114	2000	2200	112	2		70-130	30
Bromobenzene	2000	2000	102	2000	2100	105	3		70-130	30
n-Butylbenzene	2000	2400	120	2000	2400	119	1		70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2148010-3 **Analysis Date** : 11/28/25 08:16	**File ID**	: V23251128A01
LCSD Sample ID	: WG2148010-4 **Analysis Date** : 11/28/25 08:42	**File ID**	: V23251128A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
sec-Butylbenzene	2000	2300	112	2000	2300	112	0	70-130	30
tert-Butylbenzene	2000	2200	110	2000	2200	110	0	70-130	30
o-Chlorotoluene	2000	2100	106	2000	2100	104	2	70-130	30
p-Chlorotoluene	2000	2100	106	2000	2100	106	0	70-130	30
1,2-Dibromo-3-chloropropane	2000	1900	93	2000	2000	98	5	68-130	30
Hexachlorobutadiene	2000	2300	115	2000	2400	118	3	67-130	30
Isopropylbenzene	2000	2200	110	2000	2200	110	0	70-130	30
p-Isopropyltoluene	2000	2300	113	2000	2300	113	0	70-130	30
Naphthalene	2000	2000	102	2000	2100	103	1	70-130	30
Acrylonitrile	2000	2000	101	2000	2100	103	2	70-130	30
n-Propylbenzene	2000	2200	110	2000	2200	110	0	70-130	30
1,2,3-Trichlorobenzene	2000	2300	113	2000	2300	115	2	70-130	30
1,2,4-Trichlorobenzene	2000	2300	114	2000	2300	114	0	70-130	30
1,3,5-Trimethylbenzene	2000	2200	108	2000	2200	108	0	70-130	30
1,2,4-Trimethylbenzene	2000	2200	108	2000	2200	108	0	70-130	30
1,4-Dioxane	100000	110000	105	100000	110000	108	3	65-136	30
p-Diethylbenzene	2000	2300	115	2000	2300	114	1	70-130	30
p-Ethyltoluene	2000	2200	111	2000	2200	111	0	70-130	30
1,2,4,5-Tetramethylbenzene	2000	2200	110	2000	2200	111	1	70-130	30
Ethyl ether	2000	2200	111	2000	2200	110	1	67-130	30
trans-1,4-Dichloro-2-butene	2000	1800	88	2000	1800	92	4	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2148464-3 **Analysis Date** : 12/01/25 08:50	**File ID**	: V29251201A02
LCSD Sample ID	: WG2148464-4 **Analysis Date** : 12/01/25 09:11	**File ID**	: V29251201A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	2000	1600	80	2000	1500	74	8	70-130	30
1,1-Dichloroethane	2000	1700	86	2000	1700	84	2	70-130	30
Chloroform	2000	1700	85	2000	1600	80	6	70-130	30
Carbon tetrachloride	2000	1800	91	2000	1700	87	4	70-130	30
1,2-Dichloropropane	2000	1800	89	2000	1700	85	5	70-130	30
Dibromochloromethane	2000	1800	90	2000	1800	90	0	70-130	30
1,1,2-Trichloroethane	2000	1800	90	2000	1800	90	0	70-130	30
Tetrachloroethene	2000	2000	98	2000	1900	93	5	70-130	30
Chlorobenzene	2000	1800	89	2000	1800	89	0	70-130	30
Trichlorofluoromethane	2000	1900	96	2000	1800	91	5	70-139	30
1,2-Dichloroethane	2000	1800	91	2000	1800	89	2	70-130	30
1,1,1-Trichloroethane	2000	2000	100	2000	1900	96	4	70-130	30
Bromodichloromethane	2000	1800	90	2000	1800	90	0	70-130	30
trans-1,3-Dichloropropene	2000	1900	92	2000	1900	93	1	70-130	30
cis-1,3-Dichloropropene	2000	1900	95	2000	1900	94	1	70-130	30
1,1-Dichloropropene	2000	2100	103	2000	1900	94	9	70-130	30
Bromoform	2000	1700	87	2000	1800	89	2	70-130	30
1,1,2,2-Tetrachloroethane	2000	1700	86	2000	1800	89	3	70-130	30
Benzene	2000	1900	93	2000	1800	88	6	70-130	30
Toluene	2000	1800	89	2000	1700	86	3	70-130	30
Ethylbenzene	2000	1900	96	2000	1900	93	3	70-130	30
Chloromethane	2000	1600	82	2000	1600	78	5	52-130	30
Bromomethane	2000	1600	78	2000	1500	75	4	57-147	30
Vinyl chloride	2000	1800	89	2000	1700	84	6	67-130	30
Chloroethane	2000	1800	90	2000	1700	85	6	50-151	30
1,1-Dichloroethene	2000	1900	93	2000	1800	89	4	65-135	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2148464-3 **Analysis Date** : 12/01/25 08:50	**File ID**	: V29251201A02
LCSD Sample ID	: WG2148464-4 **Analysis Date** : 12/01/25 09:11	**File ID**	: V29251201A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	2000	1900	93	2000	1700	86	8	70-130	30
Trichloroethene	2000	1900	95	2000	1800	88	8	70-130	30
1,2-Dichlorobenzene	2000	1800	89	2000	1800	88	1	70-130	30
1,3-Dichlorobenzene	2000	1800	88	2000	1800	88	0	70-130	30
1,4-Dichlorobenzene	2000	1800	89	2000	1800	88	1	70-130	30
Methyl tert butyl ether	2000	1900	94	2000	1900	93	1	66-130	30
p/m-Xylene	4000	4000	101	4000	4000	99	2	70-130	30
o-Xylene	4000	4000	99	4000	3900	97	2	70-130	30
cis-1,2-Dichloroethene	2000	1800	90	2000	1800	88	2	70-130	30
Dibromomethane	2000	1800	92	2000	1800	90	2	70-130	30
Styrene	4000	4000	100	4000	3900	98	2	70-130	30
Dichlorodifluoromethane	2000	1600	82	2000	1600	78	5	30-146	30
Acetone	2000	2000	99	2000	2000	99	0	54-140	30
Carbon disulfide	2000	1800	90	2000	1700	87	3	59-130	30
2-Butanone	2000	1700	83	2000	1700	82	1	70-130	30
Vinyl acetate	2000	1900	97	2000	1800	91	6	70-130	30
4-Methyl-2-pentanone	2000	2000	99	2000	2000	98	1	70-130	30
1,2,3-Trichloropropane	2000	1700	85	2000	1700	86	1	68-130	30
2-Hexanone	2000	2000	97	2000	1900	94	3	70-130	30
Bromochloromethane	2000	1900	95	2000	1800	90	5	70-130	30
2,2-Dichloropropane	2000	2000	99	2000	1800	91	8	70-130	30
1,2-Dibromoethane	2000	1900	94	2000	1900	94	0	70-130	30
1,3-Dichloropropane	2000	1800	90	2000	1800	90	0	69-130	30
1,1,1,2-Tetrachloroethane	2000	1800	92	2000	1800	90	2	70-130	30
Bromobenzene	2000	1700	86	2000	1700	87	1	70-130	30
n-Butylbenzene	2000	2000	99	2000	1900	97	2	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2148464-3 **Analysis Date** : 12/01/25 08:50	**File ID**	: V29251201A02
LCSD Sample ID	: WG2148464-4 **Analysis Date** : 12/01/25 09:11	**File ID**	: V29251201A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
sec-Butylbenzene	2000	1900	97	2000	1900	94	3	70-130	30
tert-Butylbenzene	2000	1900	95	2000	1900	92	3	70-130	30
o-Chlorotoluene	2000	2100	106	2000	2100	103	3	70-130	30
p-Chlorotoluene	2000	1800	92	2000	1800	89	3	70-130	30
1,2-Dibromo-3-chloropropane	2000	1800	91	2000	1900	94	3	68-130	30
Hexachlorobutadiene	2000	1900	93	2000	1800	90	3	67-130	30
Isopropylbenzene	2000	1900	95	2000	1900	93	2	70-130	30
p-Isopropyltoluene	2000	2000	100	2000	1900	97	3	70-130	30
Naphthalene	2000	2000	98	2000	2000	98	0	70-130	30
Acrylonitrile	2000	1900	97	2000	1900	96	1	70-130	30
n-Propylbenzene	2000	1900	94	2000	1800	92	2	70-130	30
1,2,3-Trichlorobenzene	2000	1900	94	2000	1900	97	3	70-130	30
1,2,4-Trichlorobenzene	2000	1900	96	2000	1900	97	1	70-130	30
1,3,5-Trimethylbenzene	2000	1900	96	2000	1900	93	3	70-130	30
1,2,4-Trimethylbenzene	2000	1900	94	2000	1900	93	1	70-130	30
1,4-Dioxane	100000	110000	112	100000	100000	103	8	65-136	30
p-Diethylbenzene	2000	2000	99	2000	1900	97	2	70-130	30
p-Ethyltoluene	2000	1900	96	2000	1900	94	2	70-130	30
1,2,4,5-Tetramethylbenzene	2000	1900	94	2000	1900	95	1	70-130	30
Ethyl ether	2000	1700	84	2000	1700	87	4	67-130	30
trans-1,4-Dichloro-2-butene	2000	1800	91	2000	1900	94	3	70-130	30

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Client Sample ID	: PDI-1_53-55_20251120	**Matrix (Level)**	: SOIL (HIGH)
Lab Sample ID	: L2574258-05	**Analysis Date**	: 11/26/25 16:06
Matrix Spike	: WG2146952-6	**MS Analysis Date**	: 11/26/25 16:58
Matrix Spike Dup	: WG2146952-7	**MSD Analysis Date**	: 11/26/25 17:24

		Matrix Spike Sample				Matrix Spike Duplicate						
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R		Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R		RPD	Recovery Limits	RPD Limit
Methylene chloride	ND	5800	3300	57	Q	5800	3300	57	Q	1	70-130	30
1,1-Dichloroethane	ND	5800	3200	55	Q	5800	3300	57	Q	2	70-130	30
Chloroform	ND	5800	3300	57	Q	5800	3300	57	Q	0	70-130	30
Carbon tetrachloride	ND	5800	4200	73		5800	4300	73		1	70-130	30
1,2-Dichloropropane	ND	5800	3400	59	Q	5800	3400	59	Q	1	70-130	30
Dibromochloromethane	ND	5800	8200	140	Q	5800	8000	139	Q	1	70-130	30
1,1,2-Trichloroethane	ND	5800	16000	276	Q	5800	120000E	1980	Q	151 Q	70-130	30
Tetrachloroethene	ND	5800	9800	169	Q	5800	9700	167	Q	1	70-130	30
Chlorobenzene	ND	5800	7500	129		5800	7400	127		1	70-130	30
Trichlorofluoromethane	ND	5800	1600	27	Q	5800	1700	29	Q	6	70-139	30
1,2-Dichloroethane	ND	5800	3400	58	Q	5800	3300	58	Q	1	70-130	30
1,1,1-Trichloroethane	ND	5800	4100	70		5800	4100	70		0	70-130	30
Bromodichloromethane	ND	5800	3400	59	Q	5800	3400	58	Q	1	70-130	30
trans-1,3-Dichloropropene	ND	5800	7700	133	Q	5800	7500	130		2	70-130	30
cis-1,3-Dichloropropene	ND	5800	3600	62	Q	5800	3600	62	Q	0	70-130	30
1,1-Dichloropropene	ND	5800	4000	69	Q	5800	4000	70		1	70-130	30
Bromoform	ND	5800	7100	122		5800	7100	122		1	70-130	30
1,1,2,2-Tetrachloroethane	ND	5800	12000	200	Q	5800	11000	193	Q	4	70-130	30
Benzene	ND	5800	3600	63	Q	5800	3600	63	Q	0	70-130	30
Toluene	50J	5800	7800	135	Q	5800	7800	134	Q	1	70-130	30
Ethylbenzene	31000E	5800	37000E	0	Q	5800	36000E	0	Q	3	70-130	30
Chloromethane	ND	5800	2800	49	Q	5800	3000	51	Q	5	52-130	30

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Client Sample ID	: PDI-1_53-55_20251120	Matrix (Level)	: SOIL (HIGH)
Lab Sample ID	: L2574258-05	Analysis Date	: 11/26/25 16:06
Matrix Spike	: WG2146952-6	MS Analysis Date	: 11/26/25 16:58
Matrix Spike Dup	: WG2146952-7	MSD Analysis Date	: 11/26/25 17:24

		Matrix Spike Sample				Matrix Spike Duplicate						
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R		Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R		RPD	Recovery Limits	RPD Limit
Bromomethane	ND	5800	1600	27	Q	5800	1700	29	Q	7	57-147	30
Vinyl chloride	ND	5800	2400	41	Q	5800	2400	42	Q	2	67-130	30
Chloroethane	ND	5800	940	16	Q	5800	970	17	Q	4	50-151	30
1,1-Dichloroethene	ND	5800	3900	67		5800	3900	68		1	65-135	30
trans-1,2-Dichloroethene	ND	5800	3600	62	Q	5800	3600	62	Q	1	70-130	30
Trichloroethene	ND	5800	4300	73		5800	4200	73		1	70-130	30
1,2-Dichlorobenzene	ND	5800	6800	117		5800	6900	118		1	70-130	30
1,3-Dichlorobenzene	ND	5800	6800	118		5800	6900	118		0	70-130	30
1,4-Dichlorobenzene	ND	5800	6800	116		5800	6700	116		0	70-130	30
Methyl tert butyl ether	ND	5800	3500	61	Q	5800	3500	60	Q	2	66-130	30
p/m-Xylene	31000	12000	49000E	88		12000	47000E	72		4	70-130	30
o-Xylene	310	12000	15000	124		12000	15000	122		2	70-130	30
cis-1,2-Dichloroethene	ND	5800	3600	62	Q	5800	3600	62	Q	1	70-130	30
Dibromomethane	ND	5800	3500	60	Q	5800	3400	58	Q	3	70-130	30
Styrene	ND	12000	14000	118		12000	14000	116		2	70-130	30
Dichlorodifluoromethane	ND	5800	3800	66		5800	4000	68		3	30-146	30
Acetone	ND	5800	3500	60		5800	3100	54		10	54-140	30
Carbon disulfide	ND	5800	3600	63		5800	3700	64		2	59-130	30
2-Butanone	ND	5800	3400	59	Q	5800	3200	55	Q	8	70-130	30
Vinyl acetate	ND	5800	3300	57	Q	5800	3500	60	Q	4	70-130	30
4-Methyl-2-pentanone	ND	5800	12000	209	Q	5800	12000	198	Q	5	70-130	30
1,2,3-Trichloropropane	ND	5800	8000	138	Q	5800	7800	134	Q	2	68-130	30

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Client Sample ID	: PDI-1_53-55_20251120	**Matrix (Level)**	: SOIL (HIGH)
Lab Sample ID	: L2574258-05	**Analysis Date**	: 11/26/25 16:06
Matrix Spike	: WG2146952-6	**MS Analysis Date**	: 11/26/25 16:58
Matrix Spike Dup	: WG2146952-7	**MSD Analysis Date**	: 11/26/25 17:24

		Matrix Spike Sample				Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R		Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R		RPD	Recovery Limits	RPD Limit
2-Hexanone	ND	5800	8300	142	Q	5800	7300	126		12	70-130	30
Bromochloromethane	ND	5800	3600	62	Q	5800	3600	62	Q	1	70-130	30
2,2-Dichloropropane	ND	5800	3700	64	Q	5800	3700	64	Q	1	70-130	30
1,2-Dibromoethane	ND	5800	8600	148	Q	5800	8200	142	Q	4	70-130	30
1,3-Dichloropropane	ND	5800	7400	128		5800	7400	127		1	69-130	30
1,1,1,2-Tetrachloroethane	ND	5800	8100	140	Q	5800	8100	139	Q	0	70-130	30
Bromobenzene	ND	5800	7300	126		5800	7400	128		1	70-130	30
n-Butylbenzene	7400	5800	15000	91		5800	15000	97		2	70-130	30
sec-Butylbenzene	2900	5800	9800	104		5800	9700	101		2	70-130	30
tert-Butylbenzene	310	5800	7100	122		5800	7100	122		0	70-130	30
o-Chlorotoluene	ND	5800	5500	96		5800	5500	95		1	70-130	30
p-Chlorotoluene	ND	5800	6600	114		5800	6600	113		0	70-130	30
1,2-Dibromo-3-chloropropane	ND	5800	7400	127		5800	7100	123		3	68-130	30
Hexachlorobutadiene	ND	5800	6200	106		5800	6800	117		9	67-130	30
Isopropylbenzene	6800	5800	14000	88		5800	14000	86		1	70-130	30
p-Isopropyltoluene	4300	5800	11000	103		5800	11000	97		4	70-130	30
Naphthalene	17000	5800	21000E	0	Q	5800	22000E	0	Q	3	70-130	30
Acrylonitrile	ND	5800	3500	60	Q	5800	3300	57	Q	5	70-130	30
n-Propylbenzene	16000	5800	22000E	0	Q	5800	22000E	0	Q	0	70-130	30
1,2,3-Trichlorobenzene	ND	5800	4500	78		5800	5100	88		12	70-130	30
1,2,4-Trichlorobenzene	ND	5800	5400	93		5800	6000	104		10	70-130	30
1,3,5-Trimethylbenzene	23000E	5800	30000E	0	Q	5800	29000E	0	Q	1	70-130	30

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Client Sample ID	: PDI-1_53-55_20251120	**Matrix (Level)**	: SOIL (HIGH)
Lab Sample ID	: L2574258-05	**Analysis Date**	: 11/26/25 16:06
Matrix Spike	: WG2146952-6	**MS Analysis Date**	: 11/26/25 16:58
Matrix Spike Dup	: WG2146952-7	**MSD Analysis Date**	: 11/26/25 17:24

		Matrix Spike Sample				Matrix Spike Duplicate						
Parameter	**Sample Conc. (ug/kg)**	**Spike Added (ug/kg)**	**Spike Conc. (ug/kg)**	**%R**		**Spike Added (ug/kg)**	**Spike Conc. (ug/kg)**	**%R**		**RPD**	**Recovery Limits**	**RPD Limit**
1,2,4-Trimethylbenzene	47000E	5800	47000E	0	Q	5800	47000E	0	Q	0	70-130	30
1,4-Dioxane	ND	290000	170000	59	Q	290000	160000	56	Q	5	65-136	30
p-Diethylbenzene	6900	5800	13000	83		5800	13000	78		2	70-130	30
p-Ethyltoluene	28000E	5800	31000E	0	Q	5800	31000E	0	Q	0	70-130	30
1,2,4,5-Tetramethylbenzene	15000	5800	21000E	47	Q	5800	20000E	41	Q	1	70-130	30
Ethyl ether	ND	5800	3400	59	Q	5800	3400	58	Q	1	67-130	30
trans-1,4-Dichloro-2-butene	ND	5800	7400	128		5800	7500	130		1	70-130	30

Method Blank Summary
Form 4
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab Sample ID	: WG2147004-5	**Lab File ID**	: V10251125C04
Instrument ID	: VOA110		
Matrix	: SOIL	**Analysis Date**	: 11/25/25 15:22

Client Sample No.	Lab Sample ID	Analysis Date
WG2147004-3LCS	WG2147004-3	11/25/25 14:01
WG2147004-4LCSD	WG2147004-4	11/25/25 14:28
TRIP BLANK_20251120	L2574258-01	11/25/25 21:45
DUP-01_20251120	L2574258-04	11/25/25 22:40
PDI-1_53-55_20251120	L2574258-05D	11/26/25 00:29

Method Blank Summary
Form 4
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab Sample ID	: WG2147003-5	**Lab File ID**	: V10251125C04
Instrument ID	: VOA110		
Matrix	: SOIL	**Analysis Date**	: 11/25/25 15:22

Client Sample No.	Lab Sample ID	Analysis Date
WG2147003-3LCS	WG2147003-3	11/25/25 14:01
WG2147003-4LCSD	WG2147003-4	11/25/25 14:28
TRIP BLANK_20251120	L2574258-01	11/25/25 15:50
PDI-1_58-60_20251120	L2574258-06	11/25/25 16:44
PDI-1_63-65_20251120	L2574258-07	11/25/25 17:12
PDI-5_63-65_20251120	L2574258-13	11/25/25 17:39

Method Blank Summary
Form 4
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab Sample ID	: WG2146922-5	**Lab File ID**	: V00251126A05
Instrument ID	: VOA100		
Matrix	: SOIL	**Analysis Date**	: 11/26/25 08:18

Client Sample No.	Lab Sample ID	Analysis Date
WG2146922-3LCS	WG2146922-3	11/26/25 06:34
WG2146922-4LCSD	WG2146922-4	11/26/25 07:00
PDI-1_48-50_20251120	L2574258-03	11/26/25 14:22
DUP-01_20251120	L2574258-04	11/26/25 14:48

Method Blank Summary
Form 4
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab Sample ID	: WG2146952-5	**Lab File ID**	: V00251126A05
Instrument ID	: VOA100		
Matrix	: SOIL	**Analysis Date**	: 11/26/25 08:18

Client Sample No.	Lab Sample ID	Analysis Date
WG2146952-3LCS	WG2146952-3	11/26/25 06:34
WG2146952-4LCSD	WG2146952-4	11/26/25 07:00
PDI-5_53-55_20251120	L2574258-11	11/26/25 15:14
PDI-1_53-55_20251120	L2574258-05	11/26/25 16:06
PDI-1_53-55_20251120	L2574258-05D2	11/26/25 16:32
PDI-1_53-55_20251120MS	WG2146952-6	11/26/25 16:58
PDI-1_53-55_20251120MSD	WG2146952-7	11/26/25 17:24

Method Blank Summary
Form 4
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab Sample ID	: WG2147438-5	**Lab File ID**	: VG251127A05
Instrument ID	: GONZO		
Matrix	: WATER	**Analysis Date**	: 11/27/25 05:56

Client Sample No.	Lab Sample ID	Analysis Date
WG2147438-3LCS	WG2147438-3	11/27/25 04:10
WG2147438-4LCSD	WG2147438-4	11/27/25 04:37
FIELD BLANK_20251120	L2574258-02	11/27/25 13:28

Method Blank Summary
Form 4
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab Sample ID	: WG2148010-5	**Lab File ID**	: V23251128A05
Instrument ID	: VOA123		
Matrix	: SOIL	**Analysis Date**	: 11/28/25 10:00

Client Sample No.	Lab Sample ID	Analysis Date
WG2148010-3LCS	WG2148010-3	11/28/25 08:16
WG2148010-4LCSD	WG2148010-4	11/28/25 08:42
PDI-5_58-60_20251120	L2574258-12	11/28/25 18:39

Method Blank Summary
Form 4
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab Sample ID	: WG2148464-5	**Lab File ID**	: V29251201A05
Instrument ID	: VOA129		
Matrix	: SOIL	**Analysis Date**	: 12/01/25 09:53

Client Sample No.	Lab Sample ID	Analysis Date
WG2148464-3LCS	WG2148464-3	12/01/25 08:50
WG2148464-4LCSD	WG2148464-4	12/01/25 09:11
PDI-5_48-50_20251120	L2574258-10	12/01/25 16:30

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Instrument ID	: VOA110	**Analysis Date**	: 09/15/25 13:33
Tune Standard	: WG2115392-1	**Tune File ID**	: V10250915BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	19.8
75	30.0 - 80.0% of mass 95	50.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	1.2 (1.4)1
174	Greater than 50.0% of mass 95	81.3
175	5.0 - 9.0% of mass 174	6.7 (8.2)1
176	Greater than 95.0% but less than 101% of mass	79.1 (97.3)1
177	5.0 - 9.0% of mass 176	5.2 (6.6)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.5PPB	R2011210-1	V10250915A03	09/15/25 14:50
STD1PPB	R2011210-2	V10250915A05	09/15/25 15:44
STD2PPB	R2011210-3	V10250915A07	09/15/25 16:38
STD4PPB	R2011210-4	V10250915A08	09/15/25 17:06
STD20PPB	R2011210-6	V10250915A10	09/15/25 18:00
STD40PPB	R2011210-5	V10250915A11	09/15/25 18:27
STD100PPB	R2011210-7	V10250915A12	09/15/25 18:54
STD200PPB	R2011210-8	V10250915A13	09/15/25 19:21
STD300PPB	R2011210-9	V10250915A14	09/15/25 19:48
ICV Quant Report	R2011210-10	V10250915A18	09/15/25 21:37

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Instrument ID	: VOA110	**Analysis Date**	: 11/25/25 13:38
Tune Standard	: WG2147003-1	**Tune File ID**	: V10251125BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.4
75	30.0 - 80.0% of mass 95	57.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	1.4 (1.4)1
174	Greater than 50.0% of mass 95	94.9
175	5.0 - 9.0% of mass 174	8 (8.4)1
176	Greater than 95.0% but less than 101% of mass	91.1 (96)1
177	5.0 - 9.0% of mass 176	5.7 (6.3)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2147003-2CCAL	WG2147003-2	V10251125C01	11/25/25 14:01
WG2147003-3LCS	WG2147003-3	V10251125C01	11/25/25 14:01
WG2147003-4LCSD	WG2147003-4	V10251125C02	11/25/25 14:28
WG2147003-5BLANK	WG2147003-5	V10251125C04	11/25/25 15:22
TRIP BLANK_20251120	L2574258-01	V10251125C05	11/25/25 15:50
PDI-1_58-60_20251120	L2574258-06	V10251125C07	11/25/25 16:44
PDI-1_63-65_20251120	L2574258-07	V10251125C08	11/25/25 17:12
PDI-5_63-65_20251120	L2574258-13	V10251125C09	11/25/25 17:39

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Instrument ID	: VOA110	**Analysis Date**	: 11/25/25 13:38
Tune Standard	: WG2147004-1	**Tune File ID**	: V10251125BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.4
75	30.0 - 80.0% of mass 95	57.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	1.4 (1.4)1
174	Greater than 50.0% of mass 95	94.9
175	5.0 - 9.0% of mass 174	8 (8.4)1
176	Greater than 95.0% but less than 101% of mass	91.1 (96)1
177	5.0 - 9.0% of mass 176	5.7 (6.3)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2147004-2CCAL	WG2147004-2	V10251125C01	11/25/25 14:01
WG2147004-3LCS	WG2147004-3	V10251125C01	11/25/25 14:01
WG2147004-4LCSD	WG2147004-4	V10251125C02	11/25/25 14:28
WG2147004-5BLANK	WG2147004-5	V10251125C04	11/25/25 15:22
TRIP BLANK_20251120	L2574258-01	V10251125C18	11/25/25 21:45
DUP-01_20251120	L2574258-04	V10251125C20	11/25/25 22:40
PDI-1_53-55_20251120	L2574258-05D	V10251125C24	11/26/25 00:29

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Instrument ID	: VOA100	**Analysis Date**	: 10/23/25 14:15
Tune Standard	: WG2132450-1	**Tune File ID**	: V00251023BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	18
75	30.0 - 80.0% of mass 95	53.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0% of mass 95	88.2
175	5.0 - 9.0% of mass 174	7.3 (8.2)1
176	Greater than 95.0% but less than 101% of mass	87.9 (99.7)1
177	5.0 - 9.0% of mass 176	5.6 (6.4)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.5PPB	R2027370-1	V00251023IICAL03	10/23/25 15:36
STD1.0PPB	R2027370-2	V00251023IICAL04	10/23/25 16:02
STD2.0PPB	R2027370-3	V00251023IICAL05	10/23/25 16:28
STD4.0PPB	R2027370-4	V00251023IICAL06	10/23/25 16:54
STD20PPB	R2027370-5	V00251023IICAL07	10/23/25 17:20
STD40PPB	R2027370-6	V00251023IICAL08	10/23/25 17:46
STD100PPB	R2027370-7	V00251023IICAL09	10/23/25 18:12
STD200PPB	R2027370-8	V00251023IICAL10	10/23/25 18:38
STD300PPB	R2027370-9	V00251023IICAL11	10/23/25 19:04
ICV Quant Report	R2027370-10	V00251023IICAL15	10/23/25 20:49

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Instrument ID	: VOA100	**Analysis Date**	: 11/26/25 06:12
Tune Standard	: WG2146922-1	**Tune File ID**	: V00251126BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	18.1
75	30.0 - 80.0% of mass 95	49.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1 (1)1
174	Greater than 50.0% of mass 95	91.3
175	5.0 - 9.0% of mass 174	7.2 (7.9)1
176	Greater than 95.0% but less than 101% of mass	88.2 (96.6)1
177	5.0 - 9.0% of mass 176	5.9 (6.7)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2146922-2CCAL	WG2146922-2	V00251126A01	11/26/25 06:34
WG2146922-3LCS	WG2146922-3	V00251126A01	11/26/25 06:34
WG2146922-4LCSD	WG2146922-4	V00251126A02	11/26/25 07:00
WG2146922-5BLANK	WG2146922-5	V00251126A05	11/26/25 08:18
PDI-1_48-50_20251120	L2574258-03	V00251126A19	11/26/25 14:22
DUP-01_20251120	L2574258-04	V00251126A20	11/26/25 14:48

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Instrument ID	: VOA100	**Analysis Date**	: 11/26/25 06:12
Tune Standard	: WG2146952-1	**Tune File ID**	: V00251126BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	18.1
75	30.0 - 80.0% of mass 95	49.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1 (1)1
174	Greater than 50.0% of mass 95	91.3
175	5.0 - 9.0% of mass 174	7.2 (7.9)1
176	Greater than 95.0% but less than 101% of mass	88.2 (96.6)1
177	5.0 - 9.0% of mass 176	5.9 (6.7)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2146952-2CCAL	WG2146952-2	V00251126A01	11/26/25 06:34
WG2146952-3LCS	WG2146952-3	V00251126A01	11/26/25 06:34
WG2146952-4LCSD	WG2146952-4	V00251126A02	11/26/25 07:00
WG2146952-5BLANK	WG2146952-5	V00251126A05	11/26/25 08:18
PDI-5_53-55_20251120	L2574258-11	V00251126A21	11/26/25 15:14
PDI-1_53-55_20251120	L2574258-05	V00251126A23	11/26/25 16:06
PDI-1_53-55_20251120	L2574258-05D2	V00251126A24	11/26/25 16:32
WG2146952-6MS	WG2146952-6	V00251126A25	11/26/25 16:58
WG2146952-7MSD	WG2146952-7	V00251126A26	11/26/25 17:24

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Instrument ID	: GONZO	**Analysis Date**	: 10/24/25 12:01
Tune Standard	: WG2132896-1	**Tune File ID**	: VG251024ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	22.7
75	30.0 - 80.0% of mass 95	49.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	1.2 (1.2)1
174	Greater than 50.0% of mass 95	95.7
175	5.0 - 9.0% of mass 174	6.6 (6.9)1
176	Greater than 95.0% but less than 101% of mass	92.2 (96.3)1
177	5.0 - 9.0% of mass 176	6.5 (7)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.19PPB	R2027760-1	VG251024A03	10/24/25 13:08
STD0.5PPB	R2027760-2	VG251024A05	10/24/25 14:01
STD2PPB	R2027760-3	VG251024A07	10/24/25 14:55
STD10PPB	R2027760-4	VG251024A09	10/24/25 15:48
STD30PPB	R2027760-5	VG251024A10	10/24/25 16:14
STD80PPB	R2027760-6	VG251024A11	10/24/25 16:41
STD120PPB	R2027760-7	VG251024A12	10/24/25 17:08
STD200PPB	R2027760-8	VG251024A13	10/24/25 17:34
Correlation Data Summary	R2027760-9	VG251024A18	10/24/25 19:47
ICV Quant Report	R2027760-9	VG251024A18	10/24/25 19:47

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Instrument ID	: GONZO	**Analysis Date**	: 11/27/25 03:56
Tune Standard	: WG2147438-1	**Tune File ID**	: VG251127ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	24.4
75	30.0 - 80.0% of mass 95	48
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.6 (.7)1
174	Greater than 50.0% of mass 95	90.9
175	5.0 - 9.0% of mass 174	6.7 (7.3)1
176	Greater than 95.0% but less than 101% of mass	89.3 (98.3)1
177	5.0 - 9.0% of mass 176	5.8 (6.5)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2147438-2CCAL	WG2147438-2	VG251127A01	11/27/25 04:10
WG2147438-3LCS	WG2147438-3	VG251127A01	11/27/25 04:10
WG2147438-4LCSD	WG2147438-4	VG251127A02	11/27/25 04:37
WG2147438-5BLANK	WG2147438-5	VG251127A05	11/27/25 05:56
FIELD BLANK_20251120	L2574258-02	VG251127A22	11/27/25 13:28

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Instrument ID	: VOA123	**Analysis Date**	: 11/03/25 18:36
Tune Standard	: WG2136903-1	**Tune File ID**	: V23251103BFB6_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	19.7
75	30.0 - 80.0% of mass 95	49.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.3 (.4)1
174	Greater than 50.0% of mass 95	86.5
175	5.0 - 9.0% of mass 174	6.5 (7.5)1
176	Greater than 95.0% but less than 101% of mass	84.3 (97.4)1
177	5.0 - 9.0% of mass 176	5.5 (6.5)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.5PPB	R2031568-1	V23251103N04	11/03/25 20:17
STD1PPB	R2031568-2	V23251103N05	11/03/25 20:43
STD2PPB	R2031568-3	V23251103N07	11/03/25 21:35
STD4PPB	R2031568-4	V23251103N08	11/03/25 22:01
STD20PPB	R2031568-5	V23251103N09	11/03/25 22:27
STD40PPB	R2031568-6	V23251103N10	11/03/25 22:53
STD100PPB	R2031568-7	V23251103N11	11/03/25 23:19
STD200PPB	R2031568-8	V23251103N12	11/03/25 23:45
STD300PPB	R2031568-9	V23251103N13	11/04/25 00:11
ICV Quant Report	R2031568-10	V23251103N16	11/04/25 01:29

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Instrument ID	: VOA123	**Analysis Date**	: 11/28/25 07:48
Tune Standard	: WG2148010-1	**Tune File ID**	: V23251128BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.3
75	30.0 - 80.0% of mass 95	53.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.9 (.9)1
174	Greater than 50.0% of mass 95	93.5
175	5.0 - 9.0% of mass 174	7.4 (7.9)1
176	Greater than 95.0% but less than 101% of mass	90.8 (97.1)1
177	5.0 - 9.0% of mass 176	5.9 (6.5)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2148010-2CCAL	WG2148010-2	V23251128A01	11/28/25 08:16
WG2148010-3LCS	WG2148010-3	V23251128A01	11/28/25 08:16
WG2148010-4LCSD	WG2148010-4	V23251128A02	11/28/25 08:42
WG2148010-5BLANK	WG2148010-5	V23251128A05	11/28/25 10:00
PDI-5_58-60_20251120	L2574258-12	V23251128A25	11/28/25 18:39

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Instrument ID	: VOA129	**Analysis Date**	: 11/25/25 20:25
Tune Standard	: WG2146823-1	**Tune File ID**	: V29251125BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	23.9
75	30.0 - 80.0% of mass 95	56.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.4 (.4)1
174	Greater than 50.0% of mass 95	88.7
175	5.0 - 9.0% of mass 174	6.7 (7.6)1
176	Greater than 95.0% but less than 101% of mass	87.3 (98.5)1
177	5.0 - 9.0% of mass 176	5.7 (6.5)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.5PPB	R2041079-1	V29251125N03	11/25/25 21:27
STD1.0PPB	R2041079-2	V29251125N05	11/25/25 22:08
STD2.0PPB	R2041079-4	V29251125N07	11/25/25 22:50
STD4.0PPB	R2041079-3	V29251125N08	11/25/25 23:11
STD20PPB	R2041079-5	V29251125N09	11/25/25 23:32
STD40PPB	R2041079-6	V29251125N10	11/25/25 23:52
STD100PPB	R2041079-7	V29251125N11	11/26/25 00:13
STD200PPB	R2041079-8	V29251125N12	11/26/25 00:34
STD300PPB	R2041079-9	V29251125N13	11/26/25 00:55
ICV Quant Report	R2041079-10	V29251125N17	11/26/25 02:18

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Instrument ID	: VOA129	**Analysis Date**	: 12/01/25 08:11
Tune Standard	: WG2148464-1	**Tune File ID**	: V29251201BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	25
75	30.0 - 80.0% of mass 95	56.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0% of mass 95	82.4
175	5.0 - 9.0% of mass 174	6.5 (7.9)1
176	Greater than 95.0% but less than 101% of mass	83.1 (100.)1
177	5.0 - 9.0% of mass 176	5.9 (7.1)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2148464-2CCAL	WG2148464-2	V29251201A02	12/01/25 08:50
WG2148464-3LCS	WG2148464-3	V29251201A02	12/01/25 08:50
WG2148464-4LCSD	WG2148464-4	V29251201A03	12/01/25 09:11
WG2148464-5BLANK	WG2148464-5	V29251201A05	12/01/25 09:53
PDI-5_48-50_20251120	L2574258-10	V29251201A24	12/01/25 16:30

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Instrument ID	: VOA110	**Analysis Date**	: 11/25/25 14:01:00
Sample No	: WG2147003-2	**Lab File ID**	: V10251125C01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2147003-2	204110	6.25	167631	9.80	107503	12.46
Upper Limit	408220	6.75	335262	10.30	215006	12.96
Lower Limit	102055	5.75	83816	9.30	53752	11.96
Sample ID						
WG2147003-3 LCS	204110	6.25	167631	9.80	107503	12.46
WG2147003-4 LCSD	226186	6.25	177621	9.80	108350	12.46
WG2147003-5 BLANK	190909	6.24	142655	9.80	78088	12.46
TRIP BLANK_20251120	177202	6.25	140349	9.81	75206	12.46
PDI-1_58-60_20251120	202922	6.25	178036	9.80	101896	12.46
PDI-1_63-65_20251120	223777	6.25	188507	9.81	106908	12.46
PDI-5_63-65_20251120	191896	6.25	151792	9.80	88083	12.46

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Instrument ID	: VOA110	**Analysis Date**	: 11/25/25 14:01:00
Sample No	: WG2147004-2	**Lab File ID**	: V10251125C01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2147004-2	204110	6.25	167631	9.80	107503	12.46
Upper Limit	408220	6.75	335262	10.30	215006	12.96
Lower Limit	102055	5.75	83816	9.30	53752	11.96
Sample ID						
WG2147004-3 LCS	204110	6.25	167631	9.80	107503	12.46
WG2147004-4 LCSD	226186	6.25	177621	9.80	108350	12.46
WG2147004-5 BLANK	190909	6.24	142655	9.80	78088	12.46
TRIP BLANK_20251120	155297	6.24	126572	9.80	64893	12.46
DUP-01_20251120	212600	6.24	170609	9.80	105400	12.46
PDI-1_53-55_20251120	296880	6.25	216327	9.81	118526	12.46

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Instrument ID	: VOA100	**Analysis Date**	: 11/26/25 06:34:00
Sample No	: WG2146922-2	**Lab File ID**	: V00251126A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2146922-2	378260	6.23	324241	9.80	197845	12.46
Upper Limit	756520	6.73	648482	10.30	395690	12.96
Lower Limit	189130	5.73	162121	9.30	98923	11.96
Sample ID						
WG2146922-3 LCS	378260	6.23	324241	9.80	197845	12.46
WG2146922-4 LCSD	369041	6.23	318613	9.79	197428	12.46
WG2146922-5 BLANK	341681	6.23	286626	9.79	168641	12.46
PDI-1_48-50_20251120	385365	6.23	334763	9.79	210658	12.46
DUP-01_20251120	996814*	6.25	416876	9.82	176293	12.47

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Instrument ID	: VOA100	**Analysis Date**	: 11/26/25 06:34:00
Sample No	: WG2146952-2	**Lab File ID**	: V00251126A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2146952-2	378260	6.23	324241	9.80	197845	12.46
Upper Limit	756520	6.73	648482	10.30	395690	12.96
Lower Limit	189130	5.73	162121	9.30	98923	11.96
Sample ID						
WG2146952-3 LCS	378260	6.23	324241	9.80	197845	12.46
WG2146952-4 LCSD	369041	6.23	318613	9.79	197428	12.46
WG2146952-5 BLANK	341681	6.23	286626	9.79	168641	12.46
PDI-5_53-55_20251120	472350	6.23	389288	9.79	252986	12.46
PDI-1_53-55_20251120	829917*	6.24	398754	9.80	258315	12.47
PDI-1_53-55_20251120	589211	6.23	403208	9.79	246473	12.46
PDI-1_53-55_20251120 MS	914932*	6.23	409715	9.80	261151	12.47
PDI-1_53-55_20251120 MSD	921532*	6.24	415066	9.80	256536	12.47

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Instrument ID	: GONZO	**Analysis Date**	: 11/27/25 04:10:00
Sample No	: WG2147438-2	**Lab File ID**	: VG251127A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2147438-2	438629	5.94	346963	9.47	218089	12.19
Upper Limit	877258	6.44	693926	9.97	436178	12.69
Lower Limit	219315	5.44	173482	8.97	109045	11.69
Sample ID						
WG2147438-3 LCS	438629	5.94	346963	9.47	218089	12.19
WG2147438-4 LCSD	405036	5.95	322258	9.48	201883	12.19
WG2147438-5 BLANK	357367	5.95	289538	9.48	163519	12.20
FIELD BLANK_20251120	324223	5.95	264506	9.48	147228	12.20

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Instrument ID	: VOA123	**Analysis Date**	: 11/28/25 08:16:00
Sample No	: WG2148010-2	**Lab File ID**	: V23251128A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2148010-2	207853	5.52	151031	8.99	87472	11.80
Upper Limit	415706	6.02	302062	9.49	174944	12.30
Lower Limit	103927	5.02	75516	8.49	43736	11.30
Sample ID						
WG2148010-3 LCS	207853	5.52	151031	8.99	87472	11.80
WG2148010-4 LCSD	200866	5.52	148877	8.99	84659	11.80
WG2148010-5 BLANK	196237	5.52	138321	8.99	75506	11.80
PDI-5_58-60_20251120	204116	5.52	160759	9.00	98939	11.81

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Instrument ID	: VOA129	**Analysis Date**	: 12/01/25 08:50:00
Sample No	: WG2148464-2	**Lab File ID**	: V29251201A02

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2148464-2	308067	5.96	231104	8.79	134547	10.25
Upper Limit	616134	6.46	462208	9.29	269094	10.75
Lower Limit	154034	5.46	115552	8.29	67274	9.75
Sample ID						
WG2148464-3 LCS	308067	5.96	231104	8.79	134547	10.25
WG2148464-4 LCSD	308636	5.96	230540	8.79	133631	10.25
WG2148464-5 BLANK	282166	5.96	216897	8.79	117034	10.25
PDI-5_48-50_20251120	331689	5.96	239200	8.79	146934	10.25

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Date Created: 04/17/25
Created By: Jason Hebert
File: PM19302-1

Volatile Organics - EPA 8260D (WATER)

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

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

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

Volatile Organics - EPA 8260D (WATER)

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

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dichlorodifluoromethane	75-71-8	5	0.244	ug/l	36-147	20	36-147	20	20			
Acetone	67-64-1	5	1.46	ug/l	58-148	20	58-148	20	20			
Carbon disulfide	75-15-0	5	0.299	ug/l	51-130	20	51-130	20	20			
2-Butanone	78-93-3	5	1.94	ug/l	63-138	20	63-138	20	20			
Vinyl acetate	108-05-4	5	0.311	ug/l	70-130	20	70-130	20	20			
4-Methyl-2-pentanone	108-10-1	5	0.416	ug/l	59-130	20	59-130	20	20			
2-Hexanone	591-78-6	5	0.515	ug/l	57-130	20	57-130	20	20			
Ethyl methacrylate	97-63-2	5	0.606	ug/l	70-130	20	70-130	20	20			
Acrylonitrile	107-13-1	5	0.43	ug/l	70-130	20	70-130	20	20			
Bromochloromethane	74-97-5	2.5	0.152	ug/l	70-130	20	70-130	20	20			
Tetrahydrofuran	109-99-9	5	0.525	ug/l	58-130	20	58-130	20	20			
2,2-Dichloropropane	594-20-7	2.5	0.204	ug/l	63-133	20	63-133	20	20			
1,2-Dibromoethane	106-93-4	2	0.193	ug/l	70-130	20	70-130	20	20			
1,3-Dichloropropane	142-28-9	2.5	0.212	ug/l	70-130	20	70-130	20	20			
1,1,1,2-Tetrachloroethane	630-20-6	0.5	0.164	ug/l	64-130	20	64-130	20	20			
Bromobenzene	108-86-1	2.5	0.152	ug/l	70-130	20	70-130	20	20			
n-Butylbenzene	104-51-8	0.5	0.192	ug/l	53-136	20	53-136	20	20			
sec-Butylbenzene	135-98-8	0.5	0.181	ug/l	70-130	20	70-130	20	20			
tert-Butylbenzene	98-06-6	2.5	0.196	ug/l	70-130	20	70-130	20	20			
o-Chlorotoluene	95-49-8	2.5	0.215	ug/l	70-130	20	70-130	20	20			
p-Chlorotoluene	106-43-4	2.5	0.185	ug/l	70-130	20	70-130	20	20			
1,2-Dibromo-3-chloropropane	96-12-8	2.5	0.353	ug/l	41-144	20	41-144	20	20			
Hexachlorobutadiene	87-68-3	0.5	0.217	ug/l	63-130	20	63-130	20	20			
Isopropylbenzene	98-82-8	0.5	0.187	ug/l	70-130	20	70-130	20	20			
p-Isopropyltoluene	99-87-6	0.5	0.188	ug/l	70-130	20	70-130	20	20			
Naphthalene	91-20-3	2.5	0.216	ug/l	70-130	20	70-130	20	20			
n-Propylbenzene	103-65-1	0.5	0.173	ug/l	69-130	20	69-130	20	20			
1,2,3-Trichlorobenzene	87-61-6	2.5	0.234	ug/l	70-130	20	70-130	20	20			
1,2,4-Trichlorobenzene	120-82-1	2.5	0.22	ug/l	70-130	20	70-130	20	20			
1,3,5-Trimethylbenzene	108-67-8	2.5	0.217	ug/l	64-130	20	64-130	20	20			
1,2,4-Trimethylbenzene	95-63-6	2.5	0.191	ug/l	70-130	20	70-130	20	20			
trans-1,4-Dichloro-2-butene	110-57-6	2.5	0.213	ug/l	70-130	20	70-130	20	20			
Ethyl ether	60-29-7	2.5	0.163	ug/l	59-134	20	59-134	20	20			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
4-Bromofluorobenzene	*460-00-4*									*70-130*		
Dibromofluoromethane	*1868-53-7*									*70-130*		

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

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-01	Date Collected	: 11/20/25 09:05
Client ID	: TRIP BLANK_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/25/25 15:50
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10251125C05	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 100
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	0.33	1.5	0.14	J
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.16	U
563-58-6	1,1-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-01	Date Collected	: 11/20/25 09:05
Client ID	: TRIP BLANK_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/25/25 15:50
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10251125C05	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 100
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
1330-20-7	Xylenes, Total	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-01	Date Collected	: 11/20/25 09:05
Client ID	: TRIP BLANK_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/25/25 15:50
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10251125C05	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 100
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	2.0	0.20	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.13	U
108-86-1	Bromobenzene	ND	2.0	0.14	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
87-68-3	Hexachlorobutadiene	ND	4.0	0.17	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
107-13-1	Acrylonitrile	ND	4.0	1.2	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
123-91-1	1,4-Dioxane	ND	80	35.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-01	Date Collected	: 11/20/25 09:05
Client ID	: TRIP BLANK_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/25/25 15:50
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10251125C05	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 100
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U
60-29-7	Ethyl ether	ND	2.0	0.34	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	1.4	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-01	Date Collected	: 11/20/25 09:05
Client ID	: TRIP BLANK_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/25/25 21:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10251125C18	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 100
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	31	75	7.0	J
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
542-75-6	1,3-Dichloropropene, Total	ND	25	7.9	U
563-58-6	1,1-Dichloropropene	ND	25	8.0	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	ND	100	29.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-01	Date Collected	: 11/20/25 09:05
Client ID	: TRIP BLANK_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/25/25 21:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10251125C18	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 100
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	50	17.	U
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
1330-20-7	Xylenes, Total	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
540-59-0	1,2-Dichloroethene, Total	ND	50	6.8	U
74-95-3	Dibromomethane	ND	100	12.	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-05-4	Vinyl acetate	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
96-18-4	1,2,3-Trichloropropane	ND	100	6.4	U
591-78-6	2-Hexanone	ND	500	59.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-01	Date Collected	: 11/20/25 09:05
Client ID	: TRIP BLANK_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/25/25 21:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10251125C18	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 100
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	100	10.	U
594-20-7	2,2-Dichloropropane	ND	100	10.	U
106-93-4	1,2-Dibromoethane	ND	50	14.	U
142-28-9	1,3-Dichloropropane	ND	100	8.4	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	6.6	U
108-86-1	Bromobenzene	ND	100	7.2	U
104-51-8	n-Butylbenzene	ND	50	8.4	U
135-98-8	sec-Butylbenzene	ND	50	7.3	U
98-06-6	tert-Butylbenzene	ND	100	5.9	U
95-49-8	o-Chlorotoluene	ND	100	9.6	U
106-43-4	p-Chlorotoluene	ND	100	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
87-68-3	Hexachlorobutadiene	ND	200	8.4	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
99-87-6	p-Isopropyltoluene	ND	50	5.4	U
91-20-3	Naphthalene	ND	200	32.	U
107-13-1	Acrylonitrile	ND	200	58.	U
103-65-1	n-Propylbenzene	ND	50	8.6	U
87-61-6	1,2,3-Trichlorobenzene	ND	100	16.	U
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.6	U
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U
123-91-1	1,4-Dioxane	ND	4000	1800	U
105-05-5	p-Diethylbenzene	ND	100	8.8	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-01	Date Collected	: 11/20/25 09:05
Client ID	: TRIP BLANK_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/25/25 21:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10251125C18	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 100
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	ND	100	19.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	100	9.6	U
60-29-7	Ethyl ether	ND	100	17.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	71.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-02	Date Collected	: 11/20/25 09:30
Client ID	: FIELD BLANK_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/27/25 13:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: KAB
Lab File ID	: VG251127A22	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-02	Date Collected	: 11/20/25 09:30
Client ID	: FIELD BLANK_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/27/25 13:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: KAB
Lab File ID	: VG251127A22	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-02	Date Collected	: 11/20/25 09:30
Client ID	: FIELD BLANK_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/27/25 13:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: KAB
Lab File ID	: VG251127A22	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-02	Date Collected	: 11/20/25 09:30
Client ID	: FIELD BLANK_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/27/25 13:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: KAB
Lab File ID	: VG251127A22	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-03	Date Collected	: 11/20/25 11:45
Client ID	: PDI-1_48-50_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/26/25 14:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00251126A19	Instrument ID	: VOA100
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.1	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.51	0.20	U
108-90-7	Chlorobenzene	ND	0.51	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.51	0.17	U
75-27-4	Bromodichloromethane	ND	0.51	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.51	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.51	0.16	U
563-58-6	1,1-Dichloropropene	ND	0.51	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.51	0.17	U
71-43-2	Benzene	ND	0.51	0.17	U
108-88-3	Toluene	ND	1.0	0.55	U
100-41-4	Ethylbenzene	11	1.0	0.14	
74-87-3	Chloromethane	ND	4.0	0.94	U
74-83-9	Bromomethane	ND	2.0	0.59	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-03	Date Collected	: 11/20/25 11:45
Client ID	: PDI-1_48-50_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/26/25 14:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00251126A19	Instrument ID	: VOA100
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.46	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.51	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	13	2.0	0.57	
95-47-6	o-Xylene	0.60	1.0	0.30	J
1330-20-7	Xylenes, Total	14	1.0	0.30	J
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.93	U
67-64-1	Acetone	11	10	4.9	
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-03	Date Collected	: 11/20/25 11:45
Client ID	: PDI-1_48-50_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/26/25 14:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00251126A19	Instrument ID	: VOA100
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	2.0	0.21	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.51	0.13	U
108-86-1	Bromobenzene	ND	2.0	0.15	U
104-51-8	n-Butylbenzene	15	1.0	0.17	
135-98-8	sec-Butylbenzene	14	1.0	0.15	
98-06-6	tert-Butylbenzene	2.4	2.0	0.12	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
87-68-3	Hexachlorobutadiene	ND	4.0	0.17	U
98-82-8	Isopropylbenzene	18	1.0	0.11	
99-87-6	p-Isopropyltoluene	27	1.0	0.11	
91-20-3	Naphthalene	23	4.0	0.66	
107-13-1	Acrylonitrile	ND	4.0	1.2	U
103-65-1	n-Propylbenzene	31	1.0	0.17	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.33	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.28	U
108-67-8	1,3,5-Trimethylbenzene	31	2.0	0.20	
95-63-6	1,2,4-Trimethylbenzene	120	2.0	0.34	
123-91-1	1,4-Dioxane	ND	81	36.	U
105-05-5	p-Diethylbenzene	24	2.0	0.18	

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-03	Date Collected	: 11/20/25 11:45
Client ID	: PDI-1_48-50_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/26/25 14:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00251126A19	Instrument ID	: VOA100
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	38	2.0	0.39	
95-93-2	1,2,4,5-Tetramethylbenzene	56	2.0	0.19	
60-29-7	Ethyl ether	ND	2.0	0.34	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.1	1.4	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-04	Date Collected	: 11/20/25 00:00
Client ID	: DUP-01_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/26/25 14:48
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00251126A20	Instrument ID	: VOA100
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 88
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	0.99	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	0.99	0.23	U
78-87-5	1,2-Dichloropropane	ND	0.99	0.12	U
124-48-1	Dibromochloromethane	ND	0.99	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	0.99	0.26	U
127-18-4	Tetrachloroethene	ND	0.50	0.19	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.69	U
107-06-2	1,2-Dichloroethane	ND	0.99	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.99	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.16	U
563-58-6	1,1-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.24	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.16	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.99	0.54	U
100-41-4	Ethylbenzene	ND	0.99	0.14	U
74-87-3	Chloromethane	ND	4.0	0.92	U
74-83-9	Bromomethane	ND	2.0	0.58	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-04	Date Collected	: 11/20/25 00:00
Client ID	: DUP-01_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/26/25 14:48
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00251126A20	Instrument ID	: VOA100
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 88
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	0.99	0.33	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	0.99	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	31	2.0	0.56	
95-47-6	o-Xylene	4.4	0.99	0.29	
1330-20-7	Xylenes, Total	35	0.99	0.29	
156-59-2	cis-1,2-Dichloroethene	ND	0.99	0.17	U
540-59-0	1,2-Dichloroethene, Total	ND	0.99	0.14	U
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	0.99	0.19	U
75-71-8	Dichlorodifluoromethane	ND	9.9	0.91	U
67-64-1	Acetone	ND	9.9	4.8	U
75-15-0	Carbon disulfide	ND	9.9	4.5	U
78-93-3	2-Butanone	ND	9.9	2.2	U
108-05-4	Vinyl acetate	ND	9.9	2.1	U
108-10-1	4-Methyl-2-pentanone	ND	9.9	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	9.9	1.2	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-04	Date Collected	: 11/20/25 00:00
Client ID	: DUP-01_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/26/25 14:48
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00251126A20	Instrument ID	: VOA100
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 88
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	2.0	0.20	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	0.99	0.28	U
142-28-9	1,3-Dichloropropane	ND	2.0	0.16	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.13	U
108-86-1	Bromobenzene	ND	2.0	0.14	U
104-51-8	n-Butylbenzene	86	0.99	0.16	
135-98-8	sec-Butylbenzene	110	0.99	0.14	
98-06-6	tert-Butylbenzene	29	2.0	0.12	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	0.99	U
87-68-3	Hexachlorobutadiene	ND	4.0	0.17	U
98-82-8	Isopropylbenzene	310	0.99	0.11	E
99-87-6	p-Isopropyltoluene	140	0.99	0.11	
91-20-3	Naphthalene	5.4	4.0	0.64	
107-13-1	Acrylonitrile	ND	4.0	1.1	U
103-65-1	n-Propylbenzene	520	0.99	0.17	E
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	53	2.0	0.19	
95-63-6	1,2,4-Trimethylbenzene	140	2.0	0.33	
123-91-1	1,4-Dioxane	ND	79	35.	U
105-05-5	p-Diethylbenzene	81	2.0	0.18	

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-04	Date Collected	: 11/20/25 00:00
Client ID	: DUP-01_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/26/25 14:48
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00251126A20	Instrument ID	: VOA100
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 88
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	110	2.0	0.38	
95-93-2	1,2,4,5-Tetramethylbenzene	56	2.0	0.19	
60-29-7	Ethyl ether	ND	2.0	0.34	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	1.4	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-04	Date Collected	: 11/20/25 00:00
Client ID	: DUP-01_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/25/25 22:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10251125C20	Instrument ID	: VOA110
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	290	130	U
75-34-3	1,1-Dichloroethane	ND	58	8.4	U
67-66-3	Chloroform	34	86	8.1	J
56-23-5	Carbon tetrachloride	ND	58	13.	U
78-87-5	1,2-Dichloropropane	ND	58	7.2	U
124-48-1	Dibromochloromethane	ND	58	8.1	U
79-00-5	1,1,2-Trichloroethane	ND	58	15.	U
127-18-4	Tetrachloroethene	ND	29	11.	U
108-90-7	Chlorobenzene	ND	29	7.3	U
75-69-4	Trichlorofluoromethane	ND	230	40.	U
107-06-2	1,2-Dichloroethane	ND	58	15.	U
71-55-6	1,1,1-Trichloroethane	ND	29	9.6	U
75-27-4	Bromodichloromethane	ND	29	6.3	U
10061-02-6	trans-1,3-Dichloropropene	ND	58	16.	U
10061-01-5	cis-1,3-Dichloropropene	ND	29	9.1	U
542-75-6	1,3-Dichloropropene, Total	ND	29	9.1	U
563-58-6	1,1-Dichloropropene	ND	29	9.2	U
75-25-2	Bromoform	ND	230	14.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	29	9.6	U
71-43-2	Benzene	ND	29	9.6	U
108-88-3	Toluene	ND	58	31.	U
100-41-4	Ethylbenzene	44	58	8.1	J
74-87-3	Chloromethane	ND	230	54.	U
74-83-9	Bromomethane	ND	120	33.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-04	Date Collected	: 11/20/25 00:00
Client ID	: DUP-01_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/25/25 22:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10251125C20	Instrument ID	: VOA110
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	58	19.	U
75-00-3	Chloroethane	ND	120	26.	U
75-35-4	1,1-Dichloroethene	ND	58	14.	U
156-60-5	trans-1,2-Dichloroethene	ND	86	7.9	U
79-01-6	Trichloroethene	ND	29	7.9	U
95-50-1	1,2-Dichlorobenzene	ND	120	8.3	U
541-73-1	1,3-Dichlorobenzene	ND	120	8.5	U
106-46-7	1,4-Dichlorobenzene	ND	120	9.8	U
1634-04-4	Methyl tert butyl ether	ND	120	12.	U
179601-23-1	p/m-Xylene	42	120	32.	J
95-47-6	o-Xylene	ND	58	17.	U
1330-20-7	Xylenes, Total	42	58	17.	J
156-59-2	cis-1,2-Dichloroethene	ND	58	10.	U
540-59-0	1,2-Dichloroethene, Total	ND	58	7.9	U
74-95-3	Dibromomethane	ND	120	14.	U
100-42-5	Styrene	ND	58	11.	U
75-71-8	Dichlorodifluoromethane	ND	580	53.	U
67-64-1	Acetone	ND	580	280	U
75-15-0	Carbon disulfide	ND	580	260	U
78-93-3	2-Butanone	ND	580	130	U
108-05-4	Vinyl acetate	ND	580	120	U
108-10-1	4-Methyl-2-pentanone	ND	580	74.	U
96-18-4	1,2,3-Trichloropropane	ND	120	7.3	U
591-78-6	2-Hexanone	ND	580	68.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-04	Date Collected	: 11/20/25 00:00
Client ID	: DUP-01_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/25/25 22:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10251125C20	Instrument ID	: VOA110
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	120	12.	U
594-20-7	2,2-Dichloropropane	ND	120	12.	U
106-93-4	1,2-Dibromoethane	ND	58	16.	U
142-28-9	1,3-Dichloropropane	ND	120	9.6	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	29	7.6	U
108-86-1	Bromobenzene	ND	120	8.4	U
104-51-8	n-Butylbenzene	160	58	9.6	
135-98-8	sec-Butylbenzene	110	58	8.4	
98-06-6	tert-Butylbenzene	17	120	6.8	J
95-49-8	o-Chlorotoluene	ND	120	11.	U
106-43-4	p-Chlorotoluene	ND	120	6.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	57.	U
87-68-3	Hexachlorobutadiene	ND	230	9.7	U
98-82-8	Isopropylbenzene	98	58	6.3	
99-87-6	p-Isopropyltoluene	190	58	6.3	
91-20-3	Naphthalene	94	230	37.	J
107-13-1	Acrylonitrile	ND	230	66.	U
103-65-1	n-Propylbenzene	180	58	9.8	
87-61-6	1,2,3-Trichlorobenzene	ND	120	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	120	16.	U
108-67-8	1,3,5-Trimethylbenzene	180	120	11.	
95-63-6	1,2,4-Trimethylbenzene	660	120	19.	
123-91-1	1,4-Dioxane	ND	4600	2000	U
105-05-5	p-Diethylbenzene	190	120	10.	

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab ID	: L2574258-04	**Date Collected**	: 11/20/25 00:00
Client ID	: DUP-01_20251120	**Date Received**	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	**Date Analyzed**	: 11/25/25 22:40
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V10251125C20	**Instrument ID**	: VOA110
Sample Amount	: 5.7 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 88
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
622-96-8	p-Ethyltoluene	200	120	22.	
95-93-2	1,2,4,5-Tetramethylbenzene	440	120	11.	
60-29-7	Ethyl ether	ND	120	20.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	290	82.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-05	Date Collected	: 11/20/25 12:00
Client ID	: PDI-1_53-55_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/26/25 16:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00251126A23	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	290	130	U
75-34-3	1,1-Dichloroethane	ND	58	8.3	U
67-66-3	Chloroform	ND	86	8.0	U
56-23-5	Carbon tetrachloride	ND	58	13.	U
78-87-5	1,2-Dichloropropane	ND	58	7.2	U
124-48-1	Dibromochloromethane	ND	58	8.0	U
79-00-5	1,1,2-Trichloroethane	ND	58	15.	U
127-18-4	Tetrachloroethene	ND	29	11.	U
108-90-7	Chlorobenzene	ND	29	7.3	U
75-69-4	Trichlorofluoromethane	ND	230	40.	U
107-06-2	1,2-Dichloroethane	ND	58	15.	U
71-55-6	1,1,1-Trichloroethane	ND	29	9.6	U
75-27-4	Bromodichloromethane	ND	29	6.3	U
10061-02-6	trans-1,3-Dichloropropene	ND	58	16.	U
10061-01-5	cis-1,3-Dichloropropene	ND	29	9.1	U
542-75-6	1,3-Dichloropropene, Total	ND	29	9.1	U
563-58-6	1,1-Dichloropropene	ND	29	9.1	U
75-25-2	Bromoform	ND	230	14.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	29	9.5	U
71-43-2	Benzene	ND	29	9.5	U
108-88-3	Toluene	50	58	31.	J
100-41-4	Ethylbenzene	31000	58	8.1	E
74-87-3	Chloromethane	ND	230	54.	U
74-83-9	Bromomethane	ND	120	33.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-05	Date Collected	: 11/20/25 12:00
Client ID	: PDI-1_53-55_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/26/25 16:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00251126A23	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	58	19.	U
75-00-3	Chloroethane	ND	120	26.	U
75-35-4	1,1-Dichloroethene	ND	58	14.	U
156-60-5	trans-1,2-Dichloroethene	ND	86	7.9	U
79-01-6	Trichloroethene	ND	29	7.9	U
95-50-1	1,2-Dichlorobenzene	ND	120	8.3	U
541-73-1	1,3-Dichlorobenzene	ND	120	8.5	U
106-46-7	1,4-Dichlorobenzene	ND	120	9.8	U
1634-04-4	Methyl tert butyl ether	ND	120	12.	U
179601-23-1	p/m-Xylene	31000	120	32.	
95-47-6	o-Xylene	310	58	17.	
1330-20-7	Xylenes, Total	31000	58	17.	
156-59-2	cis-1,2-Dichloroethene	ND	58	10.	U
540-59-0	1,2-Dichloroethene, Total	ND	58	7.9	U
74-95-3	Dibromomethane	ND	120	14.	U
100-42-5	Styrene	ND	58	11.	U
75-71-8	Dichlorodifluoromethane	ND	580	53.	U
67-64-1	Acetone	ND	580	280	U
75-15-0	Carbon disulfide	ND	580	260	U
78-93-3	2-Butanone	ND	580	130	U
108-05-4	Vinyl acetate	ND	580	120	U
108-10-1	4-Methyl-2-pentanone	ND	580	74.	U
96-18-4	1,2,3-Trichloropropane	ND	120	7.3	U
591-78-6	2-Hexanone	ND	580	68.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-05	Date Collected	: 11/20/25 12:00
Client ID	: PDI-1_53-55_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/26/25 16:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00251126A23	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	120	12.	U
594-20-7	2,2-Dichloropropane	ND	120	12.	U
106-93-4	1,2-Dibromoethane	ND	58	16.	U
142-28-9	1,3-Dichloropropane	ND	120	9.6	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	29	7.6	U
108-86-1	Bromobenzene	ND	120	8.3	U
104-51-8	n-Butylbenzene	7400	58	9.6	
135-98-8	sec-Butylbenzene	2900	58	8.4	
98-06-6	tert-Butylbenzene	310	120	6.8	
95-49-8	o-Chlorotoluene	ND	120	11.	U
106-43-4	p-Chlorotoluene	ND	120	6.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	170	57.	U
87-68-3	Hexachlorobutadiene	ND	230	9.7	U
98-82-8	Isopropylbenzene	6800	58	6.3	
99-87-6	p-Isopropyltoluene	4300	58	6.3	
91-20-3	Naphthalene	17000	230	37.	
107-13-1	Acrylonitrile	ND	230	66.	U
103-65-1	n-Propylbenzene	16000	58	9.8	
87-61-6	1,2,3-Trichlorobenzene	ND	120	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	120	16.	U
108-67-8	1,3,5-Trimethylbenzene	23000	120	11.	E
95-63-6	1,2,4-Trimethylbenzene	47000	120	19.	E
123-91-1	1,4-Dioxane	ND	4600	2000	U
105-05-5	p-Diethylbenzene	6900	120	10.	

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab ID	: L2574258-05	**Date Collected**	: 11/20/25 12:00
Client ID	: PDI-1_53-55_20251120	**Date Received**	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	**Date Analyzed**	: 11/26/25 16:06
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V00251126A23	**Instrument ID**	: VOA100
Sample Amount	: 5.6 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 88
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
622-96-8	p-Ethyltoluene	28000	120	22.	E
95-93-2	1,2,4,5-Tetramethylbenzene	15000	120	11.	
60-29-7	Ethyl ether	ND	120	20.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	290	82.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab ID	: L2574258-05D	**Date Collected**	: 11/20/25 12:00
Client ID	: PDI-1_53-55_20251120	**Date Received**	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	**Date Analyzed**	: 11/26/25 00:29
Sample Matrix	: SOIL	**Dilution Factor**	: 10
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V10251125C24	**Instrument ID**	: VOA110
Sample Amount	: 5.6 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 88
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-63-6	1,2,4-Trimethylbenzene	120000	1200	190	

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-05D2	Date Collected	: 11/20/25 12:00
Client ID	: PDI-1_53-55_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/26/25 16:32
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00251126A24	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	1400	660	U
75-34-3	1,1-Dichloroethane	ND	290	42.	U
67-66-3	Chloroform	ND	430	40.	U
56-23-5	Carbon tetrachloride	ND	290	66.	U
78-87-5	1,2-Dichloropropane	ND	290	36.	U
124-48-1	Dibromochloromethane	ND	290	40.	U
79-00-5	1,1,2-Trichloroethane	ND	290	77.	U
127-18-4	Tetrachloroethene	ND	140	56.	U
108-90-7	Chlorobenzene	ND	140	36.	U
75-69-4	Trichlorofluoromethane	ND	1200	200	U
107-06-2	1,2-Dichloroethane	ND	290	74.	U
71-55-6	1,1,1-Trichloroethane	ND	140	48.	U
75-27-4	Bromodichloromethane	ND	140	31.	U
10061-02-6	trans-1,3-Dichloropropene	ND	290	78.	U
10061-01-5	cis-1,3-Dichloropropene	ND	140	45.	U
542-75-6	1,3-Dichloropropene, Total	ND	29	9.1	U
563-58-6	1,1-Dichloropropene	ND	140	46.	U
75-25-2	Bromoform	ND	1200	71.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	140	48.	U
71-43-2	Benzene	ND	140	48.	U
108-88-3	Toluene	ND	290	160	U
100-41-4	Ethylbenzene	38000	290	40.	
74-87-3	Chloromethane	ND	1200	270	U
74-83-9	Bromomethane	ND	580	170	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-05D2	Date Collected	: 11/20/25 12:00
Client ID	: PDI-1_53-55_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/26/25 16:32
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00251126A24	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	290	96.	U
75-00-3	Chloroethane	ND	580	130	U
75-35-4	1,1-Dichloroethene	ND	290	68.	U
156-60-5	trans-1,2-Dichloroethene	ND	430	39.	U
79-01-6	Trichloroethene	ND	140	39.	U
95-50-1	1,2-Dichlorobenzene	ND	580	41.	U
541-73-1	1,3-Dichlorobenzene	ND	580	42.	U
106-46-7	1,4-Dichlorobenzene	ND	580	49.	U
1634-04-4	Methyl tert butyl ether	ND	580	58.	U
179601-23-1	p/m-Xylene	38000	580	160	
95-47-6	o-Xylene	400	290	84.	
1330-20-7	Xylenes, Total	38000	58	17.	
156-59-2	cis-1,2-Dichloroethene	ND	290	50.	U
540-59-0	1,2-Dichloroethene, Total	ND	58	7.9	U
74-95-3	Dibromomethane	ND	580	68.	U
100-42-5	Styrene	ND	290	56.	U
75-71-8	Dichlorodifluoromethane	ND	2900	260	U
67-64-1	Acetone	4600	2900	1400	
75-15-0	Carbon disulfide	ND	2900	1300	U
78-93-3	2-Butanone	ND	2900	640	U
108-05-4	Vinyl acetate	ND	2900	620	U
108-10-1	4-Methyl-2-pentanone	ND	2900	370	U
96-18-4	1,2,3-Trichloropropane	ND	580	36.	U
591-78-6	2-Hexanone	ND	2900	340	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-05D2	Date Collected	: 11/20/25 12:00
Client ID	: PDI-1_53-55_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/26/25 16:32
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00251126A24	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	580	59.	U
594-20-7	2,2-Dichloropropane	ND	580	58.	U
106-93-4	1,2-Dibromoethane	ND	290	80.	U
142-28-9	1,3-Dichloropropane	ND	580	48.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	140	38.	U
108-86-1	Bromobenzene	ND	580	42.	U
104-51-8	n-Butylbenzene	9200	290	48.	
135-98-8	sec-Butylbenzene	3800	290	42.	
98-06-6	tert-Butylbenzene	420	580	34.	J
95-49-8	o-Chlorotoluene	ND	580	55.	U
106-43-4	p-Chlorotoluene	ND	580	31.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	860	290	U
87-68-3	Hexachlorobutadiene	ND	1200	49.	U
98-82-8	Isopropylbenzene	9000	290	31.	
99-87-6	p-Isopropyltoluene	5200	290	31.	
91-20-3	Naphthalene	25000	1200	190	
107-13-1	Acrylonitrile	ND	1200	330	U
103-65-1	n-Propylbenzene	22000	290	49.	
87-61-6	1,2,3-Trichlorobenzene	ND	580	93.	U
120-82-1	1,2,4-Trichlorobenzene	ND	580	78.	U
108-67-8	1,3,5-Trimethylbenzene	30000	580	56.	
95-63-6	1,2,4-Trimethylbenzene	130000	580	96.	E
123-91-1	1,4-Dioxane	ND	23000	10000	U
105-05-5	p-Diethylbenzene	8100	580	51.	

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-05D2	Date Collected	: 11/20/25 12:00
Client ID	: PDI-1_53-55_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/26/25 16:32
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00251126A24	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	42000	580	110	
95-93-2	1,2,4,5-Tetramethylbenzene	18000	580	55.	
60-29-7	Ethyl ether	ND	580	98.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	1400	410	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-06	Date Collected	: 11/20/25 12:10
Client ID	: PDI-1_58-60_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/25/25 16:44
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10251125C07	Instrument ID	: VOA110
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 89
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.9	2.3	U
75-34-3	1,1-Dichloroethane	ND	0.99	0.14	U
67-66-3	Chloroform	0.49	1.5	0.14	J
56-23-5	Carbon tetrachloride	ND	0.99	0.23	U
78-87-5	1,2-Dichloropropane	ND	0.99	0.12	U
124-48-1	Dibromochloromethane	ND	0.99	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	0.99	0.26	U
127-18-4	Tetrachloroethene	ND	0.49	0.19	U
108-90-7	Chlorobenzene	ND	0.49	0.12	U
75-69-4	Trichlorofluoromethane	ND	3.9	0.69	U
107-06-2	1,2-Dichloroethane	ND	0.99	0.25	U
71-55-6	1,1,1-Trichloroethane	ND	0.49	0.16	U
75-27-4	Bromodichloromethane	ND	0.49	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.99	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.49	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.49	0.16	U
563-58-6	1,1-Dichloropropene	ND	0.49	0.16	U
75-25-2	Bromoform	ND	3.9	0.24	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.49	0.16	U
71-43-2	Benzene	ND	0.49	0.16	U
108-88-3	Toluene	ND	0.99	0.54	U
100-41-4	Ethylbenzene	0.78	0.99	0.14	J
74-87-3	Chloromethane	ND	3.9	0.92	U
74-83-9	Bromomethane	ND	2.0	0.57	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-06	Date Collected	: 11/20/25 12:10
Client ID	: PDI-1_58-60_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/25/25 16:44
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10251125C07	Instrument ID	: VOA110
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 89
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	0.99	0.33	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	0.99	0.23	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.49	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	0.65	2.0	0.55	J
95-47-6	o-Xylene	ND	0.99	0.29	U
1330-20-7	Xylenes, Total	0.65	0.99	0.29	J
156-59-2	cis-1,2-Dichloroethene	ND	0.99	0.17	U
540-59-0	1,2-Dichloroethene, Total	ND	0.99	0.14	U
74-95-3	Dibromomethane	ND	2.0	0.23	U
100-42-5	Styrene	ND	0.99	0.19	U
75-71-8	Dichlorodifluoromethane	ND	9.9	0.90	U
67-64-1	Acetone	ND	9.9	4.7	U
75-15-0	Carbon disulfide	ND	9.9	4.5	U
78-93-3	2-Butanone	ND	9.9	2.2	U
108-05-4	Vinyl acetate	ND	9.9	2.1	U
108-10-1	4-Methyl-2-pentanone	ND	9.9	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.12	U
591-78-6	2-Hexanone	ND	9.9	1.2	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-06	Date Collected	: 11/20/25 12:10
Client ID	: PDI-1_58-60_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/25/25 16:44
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10251125C07	Instrument ID	: VOA110
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 89
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	2.0	0.20	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	0.99	0.28	U
142-28-9	1,3-Dichloropropane	ND	2.0	0.16	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.49	0.13	U
108-86-1	Bromobenzene	ND	2.0	0.14	U
104-51-8	n-Butylbenzene	0.61	0.99	0.16	J
135-98-8	sec-Butylbenzene	0.89	0.99	0.14	J
98-06-6	tert-Butylbenzene	0.13	2.0	0.12	J
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	0.98	U
87-68-3	Hexachlorobutadiene	ND	3.9	0.17	U
98-82-8	Isopropylbenzene	0.68	0.99	0.11	J
99-87-6	p-Isopropyltoluene	0.47	0.99	0.11	J
91-20-3	Naphthalene	0.86	3.9	0.64	J
107-13-1	Acrylonitrile	ND	3.9	1.1	U
103-65-1	n-Propylbenzene	1.1	0.99	0.17	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	0.85	2.0	0.19	J
95-63-6	1,2,4-Trimethylbenzene	3.1	2.0	0.33	
123-91-1	1,4-Dioxane	ND	79	35.	U
105-05-5	p-Diethylbenzene	0.59	2.0	0.17	J

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab ID	: L2574258-06	**Date Collected**	: 11/20/25 12:10
Client ID	: PDI-1_58-60_20251120	**Date Received**	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	**Date Analyzed**	: 11/25/25 16:44
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V10251125C07	**Instrument ID**	: VOA110
Sample Amount	: 5.7 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 89
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
622-96-8	p-Ethyltoluene	1.0	2.0	0.38	J
95-93-2	1,2,4,5-Tetramethylbenzene	1.2	2.0	0.19	J
60-29-7	Ethyl ether	ND	2.0	0.34	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.9	1.4	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-07	Date Collected	: 11/20/25 12:20
Client ID	: PDI-1_63-65_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/25/25 17:12
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10251125C08	Instrument ID	: VOA110
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.1	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U
67-66-3	Chloroform	0.45	1.5	0.14	J
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.51	0.20	U
108-90-7	Chlorobenzene	ND	0.51	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.1	0.71	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.51	0.17	U
75-27-4	Bromodichloromethane	ND	0.51	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.51	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.51	0.16	U
563-58-6	1,1-Dichloropropene	ND	0.51	0.16	U
75-25-2	Bromoform	ND	4.1	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.51	0.17	U
71-43-2	Benzene	ND	0.51	0.17	U
108-88-3	Toluene	ND	1.0	0.55	U
100-41-4	Ethylbenzene	0.64	1.0	0.14	J
74-87-3	Chloromethane	ND	4.1	0.95	U
74-83-9	Bromomethane	ND	2.0	0.59	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-07	Date Collected	: 11/20/25 12:20
Client ID	: PDI-1_63-65_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/25/25 17:12
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10251125C08	Instrument ID	: VOA110
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.46	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.51	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.57	U
95-47-6	o-Xylene	ND	1.0	0.30	U
1330-20-7	Xylenes, Total	ND	1.0	0.30	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.93	U
67-64-1	Acetone	ND	10	4.9	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-07	Date Collected	: 11/20/25 12:20
Client ID	: PDI-1_63-65_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/25/25 17:12
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10251125C08	Instrument ID	: VOA110
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	2.0	0.21	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.51	0.13	U
108-86-1	Bromobenzene	ND	2.0	0.15	U
104-51-8	n-Butylbenzene	0.41	1.0	0.17	J
135-98-8	sec-Butylbenzene	0.54	1.0	0.15	J
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
87-68-3	Hexachlorobutadiene	ND	4.1	0.17	U
98-82-8	Isopropylbenzene	0.42	1.0	0.11	J
99-87-6	p-Isopropyltoluene	0.58	1.0	0.11	J
91-20-3	Naphthalene	ND	4.1	0.66	U
107-13-1	Acrylonitrile	ND	4.1	1.2	U
103-65-1	n-Propylbenzene	0.78	1.0	0.17	J
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.33	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.28	U
108-67-8	1,3,5-Trimethylbenzene	0.91	2.0	0.20	J
95-63-6	1,2,4-Trimethylbenzene	2.8	2.0	0.34	
123-91-1	1,4-Dioxane	ND	81	36.	U
105-05-5	p-Diethylbenzene	1.5	2.0	0.18	J

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab ID	: L2574258-07	**Date Collected**	: 11/20/25 12:20
Client ID	: PDI-1_63-65_20251120	**Date Received**	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	**Date Analyzed**	: 11/25/25 17:12
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V10251125C08	**Instrument ID**	: VOA110
Sample Amount	: 5.4 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 91
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
622-96-8	p-Ethyltoluene	0.90	2.0	0.39	J
95-93-2	1,2,4,5-Tetramethylbenzene	0.70	2.0	0.19	J
60-29-7	Ethyl ether	ND	2.0	0.35	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.1	1.4	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-10	Date Collected	: 11/20/25 13:50
Client ID	: PDI-5_48-50_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 12/01/25 16:30
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V29251201A24	Instrument ID	: VOA129
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	260	120	U
75-34-3	1,1-Dichloroethane	ND	52	7.6	U
67-66-3	Chloroform	ND	79	7.3	U
56-23-5	Carbon tetrachloride	ND	52	12.	U
78-87-5	1,2-Dichloropropane	ND	52	6.6	U
124-48-1	Dibromochloromethane	ND	52	7.3	U
79-00-5	1,1,2-Trichloroethane	ND	52	14.	U
127-18-4	Tetrachloroethene	ND	26	10.	U
108-90-7	Chlorobenzene	ND	26	6.7	U
75-69-4	Trichlorofluoromethane	ND	210	36.	U
107-06-2	1,2-Dichloroethane	ND	52	13.	U
71-55-6	1,1,1-Trichloroethane	ND	26	8.8	U
75-27-4	Bromodichloromethane	ND	26	5.7	U
10061-02-6	trans-1,3-Dichloropropene	ND	52	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	26	8.3	U
542-75-6	1,3-Dichloropropene, Total	ND	26	8.3	U
563-58-6	1,1-Dichloropropene	ND	26	8.3	U
75-25-2	Bromoform	ND	210	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	26	8.7	U
71-43-2	Benzene	ND	26	8.7	U
108-88-3	Toluene	ND	52	28.	U
100-41-4	Ethylbenzene	5800	52	7.4	
74-87-3	Chloromethane	ND	210	49.	U
74-83-9	Bromomethane	ND	100	30.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-10	Date Collected	: 11/20/25 13:50
Client ID	: PDI-5_48-50_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 12/01/25 16:30
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V29251201A24	Instrument ID	: VOA129
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	52	18.	U
75-00-3	Chloroethane	ND	100	24.	U
75-35-4	1,1-Dichloroethene	ND	52	12.	U
156-60-5	trans-1,2-Dichloroethene	ND	79	7.2	U
79-01-6	Trichloroethene	ND	26	7.2	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.6	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.8	U
106-46-7	1,4-Dichlorobenzene	ND	100	9.0	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	12000	100	29.	
95-47-6	o-Xylene	210	52	15.	
1330-20-7	Xylenes, Total	12000	52	15.	
156-59-2	cis-1,2-Dichloroethene	ND	52	9.2	U
540-59-0	1,2-Dichloroethene, Total	ND	52	7.2	U
74-95-3	Dibromomethane	ND	100	12.	U
100-42-5	Styrene	ND	52	10.	U
75-71-8	Dichlorodifluoromethane	ND	520	48.	U
67-64-1	Acetone	ND	520	250	U
75-15-0	Carbon disulfide	ND	520	240	U
78-93-3	2-Butanone	ND	520	120	U
108-05-4	Vinyl acetate	ND	520	110	U
108-10-1	4-Methyl-2-pentanone	ND	520	67.	U
96-18-4	1,2,3-Trichloropropane	ND	100	6.7	U
591-78-6	2-Hexanone	ND	520	62.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-10	Date Collected	: 11/20/25 13:50
Client ID	: PDI-5_48-50_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 12/01/25 16:30
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V29251201A24	Instrument ID	: VOA129
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	100	11.	U
594-20-7	2,2-Dichloropropane	ND	100	11.	U
106-93-4	1,2-Dibromoethane	ND	52	15.	U
142-28-9	1,3-Dichloropropane	ND	100	8.8	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	26	6.9	U
108-86-1	Bromobenzene	ND	100	7.6	U
104-51-8	n-Butylbenzene	1000	52	8.8	
135-98-8	sec-Butylbenzene	780	52	7.7	
98-06-6	tert-Butylbenzene	62	100	6.2	J
95-49-8	o-Chlorotoluene	ND	100	10.	U
106-43-4	p-Chlorotoluene	ND	100	5.7	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	160	52.	U
87-68-3	Hexachlorobutadiene	ND	210	8.9	U
98-82-8	Isopropylbenzene	910	52	5.7	
99-87-6	p-Isopropyltoluene	370	52	5.7	
91-20-3	Naphthalene	3000	210	34.	
107-13-1	Acrylonitrile	ND	210	60.	U
103-65-1	n-Propylbenzene	1400	52	9.0	
87-61-6	1,2,3-Trichlorobenzene	ND	100	17.	U
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
108-67-8	1,3,5-Trimethylbenzene	930	100	10.	
95-63-6	1,2,4-Trimethylbenzene	5400	100	18.	
123-91-1	1,4-Dioxane	ND	4200	1800	U
105-05-5	p-Diethylbenzene	1400	100	9.3	

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-10	Date Collected	: 11/20/25 13:50
Client ID	: PDI-5_48-50_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 12/01/25 16:30
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V29251201A24	Instrument ID	: VOA129
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	1700	100	20.	
95-93-2	1,2,4,5-Tetramethylbenzene	1800	100	10.	
60-29-7	Ethyl ether	ND	100	18.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	260	74.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-11	Date Collected	: 11/20/25 14:00
Client ID	: PDI-5_53-55_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/26/25 15:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00251126A21	Instrument ID	: VOA100
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 91
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	120	U
75-34-3	1,1-Dichloroethane	ND	51	7.3	U
67-66-3	Chloroform	ND	76	7.1	U
56-23-5	Carbon tetrachloride	ND	51	12.	U
78-87-5	1,2-Dichloropropane	ND	51	6.3	U
124-48-1	Dibromochloromethane	ND	51	7.1	U
79-00-5	1,1,2-Trichloroethane	ND	51	14.	U
127-18-4	Tetrachloroethene	ND	25	9.9	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	51	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.5	U
10061-02-6	trans-1,3-Dichloropropene	ND	51	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	8.0	U
542-75-6	1,3-Dichloropropene, Total	ND	25	8.0	U
563-58-6	1,1-Dichloropropene	ND	25	8.0	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.4	U
71-43-2	Benzene	ND	25	8.4	U
108-88-3	Toluene	ND	51	27.	U
100-41-4	Ethylbenzene	150	51	7.1	
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	ND	100	29.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-11	Date Collected	: 11/20/25 14:00
Client ID	: PDI-5_53-55_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/26/25 15:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00251126A21	Instrument ID	: VOA100
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 91
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	51	17.	U
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	51	12.	U
156-60-5	trans-1,2-Dichloroethene	ND	76	6.9	U
79-01-6	Trichloroethene	ND	25	6.9	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.3	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.5	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	320	100	28.	
95-47-6	o-Xylene	32	51	15.	J
1330-20-7	Xylenes, Total	350	51	15.	J
156-59-2	cis-1,2-Dichloroethene	ND	51	8.9	U
540-59-0	1,2-Dichloroethene, Total	ND	51	6.9	U
74-95-3	Dibromomethane	ND	100	12.	U
100-42-5	Styrene	ND	51	9.9	U
75-71-8	Dichlorodifluoromethane	ND	510	46.	U
67-64-1	Acetone	ND	510	240	U
75-15-0	Carbon disulfide	ND	510	230	U
78-93-3	2-Butanone	ND	510	110	U
108-05-4	Vinyl acetate	ND	510	110	U
108-10-1	4-Methyl-2-pentanone	ND	510	65.	U
96-18-4	1,2,3-Trichloropropane	ND	100	6.4	U
591-78-6	2-Hexanone	ND	510	60.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-11	Date Collected	: 11/20/25 14:00
Client ID	: PDI-5_53-55_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/26/25 15:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00251126A21	Instrument ID	: VOA100
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 91
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	100	10.	U
594-20-7	2,2-Dichloropropane	ND	100	10.	U
106-93-4	1,2-Dibromoethane	ND	51	14.	U
142-28-9	1,3-Dichloropropane	ND	100	8.4	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	6.7	U
108-86-1	Bromobenzene	ND	100	7.3	U
104-51-8	n-Butylbenzene	96	51	8.4	
135-98-8	sec-Butylbenzene	230	51	7.4	
98-06-6	tert-Butylbenzene	22	100	6.0	J
95-49-8	o-Chlorotoluene	ND	100	9.7	U
106-43-4	p-Chlorotoluene	ND	100	5.5	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
87-68-3	Hexachlorobutadiene	ND	200	8.6	U
98-82-8	Isopropylbenzene	410	51	5.5	
99-87-6	p-Isopropyltoluene	31	51	5.5	J
91-20-3	Naphthalene	530	200	33.	
107-13-1	Acrylonitrile	ND	200	58.	U
103-65-1	n-Propylbenzene	520	51	8.6	
87-61-6	1,2,3-Trichlorobenzene	ND	100	16.	U
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
108-67-8	1,3,5-Trimethylbenzene	72	100	9.8	J
95-63-6	1,2,4-Trimethylbenzene	240	100	17.	
123-91-1	1,4-Dioxane	ND	4000	1800	U
105-05-5	p-Diethylbenzene	210	100	9.0	

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-11	Date Collected	: 11/20/25 14:00
Client ID	: PDI-5_53-55_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/26/25 15:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00251126A21	Instrument ID	: VOA100
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 91
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	120	100	19.	
95-93-2	1,2,4,5-Tetramethylbenzene	230	100	9.7	
60-29-7	Ethyl ether	ND	100	17.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	72.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-12	Date Collected	: 11/20/25 14:10
Client ID	: PDI-5_58-60_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/28/25 18:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251128A25	Instrument ID	: VOA123
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 89
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	270	120	U
75-34-3	1,1-Dichloroethane	ND	55	8.0	U
67-66-3	Chloroform	ND	82	7.7	U
56-23-5	Carbon tetrachloride	ND	55	13.	U
78-87-5	1,2-Dichloropropane	ND	55	6.8	U
124-48-1	Dibromochloromethane	ND	55	7.7	U
79-00-5	1,1,2-Trichloroethane	ND	55	15.	U
127-18-4	Tetrachloroethene	ND	27	11.	U
108-90-7	Chlorobenzene	ND	27	7.0	U
75-69-4	Trichlorofluoromethane	ND	220	38.	U
107-06-2	1,2-Dichloroethane	ND	55	14.	U
71-55-6	1,1,1-Trichloroethane	ND	27	9.2	U
75-27-4	Bromodichloromethane	ND	27	6.0	U
10061-02-6	trans-1,3-Dichloropropene	ND	55	15.	U
10061-01-5	cis-1,3-Dichloropropene	ND	27	8.7	U
542-75-6	1,3-Dichloropropene, Total	ND	27	8.7	U
563-58-6	1,1-Dichloropropene	ND	27	8.7	U
75-25-2	Bromoform	ND	220	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	27	9.1	U
71-43-2	Benzene	ND	27	9.1	U
108-88-3	Toluene	ND	55	30.	U
100-41-4	Ethylbenzene	27	55	7.7	J
74-87-3	Chloromethane	ND	220	51.	U
74-83-9	Bromomethane	ND	110	32.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-12	Date Collected	: 11/20/25 14:10
Client ID	: PDI-5_58-60_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/28/25 18:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251128A25	Instrument ID	: VOA123
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 89
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	55	18.	U
75-00-3	Chloroethane	ND	110	25.	U
75-35-4	1,1-Dichloroethene	ND	55	13.	U
156-60-5	trans-1,2-Dichloroethene	ND	82	7.5	U
79-01-6	Trichloroethene	ND	27	7.5	U
95-50-1	1,2-Dichlorobenzene	ND	110	7.9	U
541-73-1	1,3-Dichlorobenzene	ND	110	8.1	U
106-46-7	1,4-Dichlorobenzene	ND	110	9.4	U
1634-04-4	Methyl tert butyl ether	ND	110	11.	U
179601-23-1	p/m-Xylene	80	110	31.	J
95-47-6	o-Xylene	ND	55	16.	U
1330-20-7	Xylenes, Total	80	55	16.	J
156-59-2	cis-1,2-Dichloroethene	ND	55	9.6	U
540-59-0	1,2-Dichloroethene, Total	ND	55	7.5	U
74-95-3	Dibromomethane	ND	110	13.	U
100-42-5	Styrene	ND	55	11.	U
75-71-8	Dichlorodifluoromethane	ND	550	50.	U
67-64-1	Acetone	ND	550	260	U
75-15-0	Carbon disulfide	ND	550	250	U
78-93-3	2-Butanone	ND	550	120	U
108-05-4	Vinyl acetate	ND	550	120	U
108-10-1	4-Methyl-2-pentanone	ND	550	70.	U
96-18-4	1,2,3-Trichloropropane	ND	110	7.0	U
591-78-6	2-Hexanone	ND	550	65.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-12	Date Collected	: 11/20/25 14:10
Client ID	: PDI-5_58-60_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/28/25 18:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251128A25	Instrument ID	: VOA123
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 89
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	110	11.	U
594-20-7	2,2-Dichloropropane	ND	110	11.	U
106-93-4	1,2-Dibromoethane	ND	55	15.	U
142-28-9	1,3-Dichloropropane	ND	110	9.2	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	27	7.2	U
108-86-1	Bromobenzene	ND	110	8.0	U
104-51-8	n-Butylbenzene	ND	55	9.2	U
135-98-8	sec-Butylbenzene	150	55	8.0	
98-06-6	tert-Butylbenzene	ND	110	6.5	U
95-49-8	o-Chlorotoluene	ND	110	10.	U
106-43-4	p-Chlorotoluene	ND	110	5.9	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	160	55.	U
87-68-3	Hexachlorobutadiene	ND	220	9.3	U
98-82-8	Isopropylbenzene	15	55	6.0	J
99-87-6	p-Isopropyltoluene	ND	55	6.0	U
91-20-3	Naphthalene	ND	220	36.	U
107-13-1	Acrylonitrile	ND	220	63.	U
103-65-1	n-Propylbenzene	ND	55	9.4	U
87-61-6	1,2,3-Trichlorobenzene	ND	110	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	110	15.	U
108-67-8	1,3,5-Trimethylbenzene	78	110	10.	J
95-63-6	1,2,4-Trimethylbenzene	210	110	18.	
123-91-1	1,4-Dioxane	ND	4400	1900	U
105-05-5	p-Diethylbenzene	ND	110	9.7	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-12	Date Collected	: 11/20/25 14:10
Client ID	: PDI-5_58-60_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/28/25 18:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251128A25	Instrument ID	: VOA123
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 89
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	110	110	21.	
95-93-2	1,2,4,5-Tetramethylbenzene	53	110	10.	J
60-29-7	Ethyl ether	ND	110	19.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	270	78.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-13	Date Collected	: 11/20/25 14:20
Client ID	: PDI-5_63-65_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/25/25 17:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10251125C09	Instrument ID	: VOA110
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.7	2.6	U
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	U
67-66-3	Chloroform	0.33	1.7	0.16	J
56-23-5	Carbon tetrachloride	ND	1.1	0.26	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U
124-48-1	Dibromochloromethane	ND	1.1	0.16	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.30	U
127-18-4	Tetrachloroethene	ND	0.57	0.22	U
108-90-7	Chlorobenzene	ND	0.57	0.14	U
75-69-4	Trichlorofluoromethane	ND	4.5	0.79	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.29	U
71-55-6	1,1,1-Trichloroethane	ND	0.57	0.19	U
75-27-4	Bromodichloromethane	ND	0.57	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.31	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.57	0.18	U
542-75-6	1,3-Dichloropropene, Total	ND	0.57	0.18	U
563-58-6	1,1-Dichloropropene	ND	0.57	0.18	U
75-25-2	Bromoform	ND	4.5	0.28	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.57	0.19	U
71-43-2	Benzene	ND	0.57	0.19	U
108-88-3	Toluene	ND	1.1	0.62	U
100-41-4	Ethylbenzene	ND	1.1	0.16	U
74-87-3	Chloromethane	ND	4.5	1.0	U
74-83-9	Bromomethane	ND	2.3	0.66	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-13	Date Collected	: 11/20/25 14:20
Client ID	: PDI-5_63-65_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/25/25 17:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10251125C09	Instrument ID	: VOA110
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	1.1	0.38	U
75-00-3	Chloroethane	ND	2.3	0.51	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.27	U
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.16	U
79-01-6	Trichloroethene	ND	0.57	0.16	U
95-50-1	1,2-Dichlorobenzene	ND	2.3	0.16	U
541-73-1	1,3-Dichlorobenzene	ND	2.3	0.17	U
106-46-7	1,4-Dichlorobenzene	ND	2.3	0.19	U
1634-04-4	Methyl tert butyl ether	ND	2.3	0.23	U
179601-23-1	p/m-Xylene	ND	2.3	0.64	U
95-47-6	o-Xylene	ND	1.1	0.33	U
1330-20-7	Xylenes, Total	ND	1.1	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.20	U
540-59-0	1,2-Dichloroethene, Total	ND	1.1	0.16	U
74-95-3	Dibromomethane	ND	2.3	0.27	U
100-42-5	Styrene	ND	1.1	0.22	U
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U
67-64-1	Acetone	ND	11	5.4	U
75-15-0	Carbon disulfide	ND	11	5.2	U
78-93-3	2-Butanone	ND	11	2.5	U
108-05-4	Vinyl acetate	ND	11	2.4	U
108-10-1	4-Methyl-2-pentanone	ND	11	1.4	U
96-18-4	1,2,3-Trichloropropane	ND	2.3	0.14	U
591-78-6	2-Hexanone	ND	11	1.3	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-13	Date Collected	: 11/20/25 14:20
Client ID	: PDI-5_63-65_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/25/25 17:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10251125C09	Instrument ID	: VOA110
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	2.3	0.23	U
594-20-7	2,2-Dichloropropane	ND	2.3	0.23	U
106-93-4	1,2-Dibromoethane	ND	1.1	0.32	U
142-28-9	1,3-Dichloropropane	ND	2.3	0.19	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.57	0.15	U
108-86-1	Bromobenzene	ND	2.3	0.16	U
104-51-8	n-Butylbenzene	ND	1.1	0.19	U
135-98-8	sec-Butylbenzene	ND	1.1	0.16	U
98-06-6	tert-Butylbenzene	ND	2.3	0.13	U
95-49-8	o-Chlorotoluene	ND	2.3	0.22	U
106-43-4	p-Chlorotoluene	ND	2.3	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.4	1.1	U
87-68-3	Hexachlorobutadiene	ND	4.5	0.19	U
98-82-8	Isopropylbenzene	ND	1.1	0.12	U
99-87-6	p-Isopropyltoluene	ND	1.1	0.12	U
91-20-3	Naphthalene	ND	4.5	0.74	U
107-13-1	Acrylonitrile	ND	4.5	1.3	U
103-65-1	n-Propylbenzene	ND	1.1	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.3	0.36	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.3	0.31	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	0.22	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	0.38	U
123-91-1	1,4-Dioxane	ND	91	40.	U
105-05-5	p-Diethylbenzene	ND	2.3	0.20	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab ID	: L2574258-13	**Date Collected**	: 11/20/25 14:20
Client ID	: PDI-5_63-65_20251120	**Date Received**	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	**Date Analyzed**	: 11/25/25 17:39
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V10251125C09	**Instrument ID**	: VOA110
Sample Amount	: 5.1 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 87
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
622-96-8	p-Ethyltoluene	ND	2.3	0.44	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.3	0.22	U
60-29-7	Ethyl ether	ND	2.3	0.39	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.7	1.6	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2146922-5	Date Collected	: NA
Client ID	: WG2146922-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/26/25 08:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V00251126A05	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	0.62	1.5	0.14	J
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.16	U
563-58-6	1,1-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2146922-5	Date Collected	: NA
Client ID	: WG2146922-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/26/25 08:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V00251126A05	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
1330-20-7	Xylenes, Total	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2146922-5	Date Collected	: NA
Client ID	: WG2146922-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/26/25 08:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V00251126A05	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.13	U
108-86-1	Bromobenzene	ND	2.0	0.14	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
87-68-3	Hexachlorobutadiene	ND	4.0	0.17	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
107-13-1	Acrylonitrile	ND	4.0	1.2	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
123-91-1	1,4-Dioxane	ND	80	35.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U
60-29-7	Ethyl ether	ND	2.0	0.34	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab ID	: WG2146922-5	**Date Collected**	: NA
Client ID	: WG2146922-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 11/26/25 08:18
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MNF
Lab File ID	: V00251126A05	**Instrument ID**	: VOA100
Sample Amount	: 5.0 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: NA
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	1.4	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2146952-5	Date Collected	: NA
Client ID	: WG2146952-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/26/25 08:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V00251126A05	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	31	75	7.0	J
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
542-75-6	1,3-Dichloropropene, Total	ND	25	7.9	U
563-58-6	1,1-Dichloropropene	ND	25	8.0	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	ND	100	29.	U
75-01-4	Vinyl chloride	ND	50	17.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2146952-5	Date Collected	: NA
Client ID	: WG2146952-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/26/25 08:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V00251126A05	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
1330-20-7	Xylenes, Total	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
540-59-0	1,2-Dichloroethene, Total	ND	50	6.8	U
74-95-3	Dibromomethane	ND	100	12.	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-05-4	Vinyl acetate	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
96-18-4	1,2,3-Trichloropropane	ND	100	6.4	U
591-78-6	2-Hexanone	ND	500	59.	U
74-97-5	Bromochloromethane	ND	100	10.	U
594-20-7	2,2-Dichloropropane	ND	100	10.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2146952-5	Date Collected	: NA
Client ID	: WG2146952-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/26/25 08:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V00251126A05	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	50	14.	U
142-28-9	1,3-Dichloropropane	ND	100	8.4	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	6.6	U
108-86-1	Bromobenzene	ND	100	7.2	U
104-51-8	n-Butylbenzene	ND	50	8.4	U
135-98-8	sec-Butylbenzene	ND	50	7.3	U
98-06-6	tert-Butylbenzene	ND	100	5.9	U
95-49-8	o-Chlorotoluene	ND	100	9.6	U
106-43-4	p-Chlorotoluene	ND	100	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
87-68-3	Hexachlorobutadiene	ND	200	8.4	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
99-87-6	p-Isopropyltoluene	ND	50	5.4	U
91-20-3	Naphthalene	ND	200	32.	U
107-13-1	Acrylonitrile	ND	200	58.	U
103-65-1	n-Propylbenzene	ND	50	8.6	U
87-61-6	1,2,3-Trichlorobenzene	ND	100	16.	U
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.6	U
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U
123-91-1	1,4-Dioxane	ND	4000	1800	U
105-05-5	p-Diethylbenzene	ND	100	8.8	U
622-96-8	p-Ethyltoluene	ND	100	19.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	100	9.6	U
60-29-7	Ethyl ether	ND	100	17.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab ID	: WG2146952-5	**Date Collected**	: NA
Client ID	: WG2146952-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 11/26/25 08:18
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MNF
Lab File ID	: V00251126A05	**Instrument ID**	: VOA100
Sample Amount	: 5.0 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: NA
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	71.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2147003-5	Date Collected	: NA
Client ID	: WG2147003-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/25/25 15:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V10251125C04	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	1.2	1.5	0.14	J
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.16	U
563-58-6	1,1-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	0.82	2.0	0.58	J
75-01-4	Vinyl chloride	ND	1.0	0.34	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2147003-5	Date Collected	: NA
Client ID	: WG2147003-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/25/25 15:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V10251125C04	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
1330-20-7	Xylenes, Total	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	8.4	10	4.8	J
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2147003-5	Date Collected	: NA
Client ID	: WG2147003-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/25/25 15:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V10251125C04	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.13	U
108-86-1	Bromobenzene	ND	2.0	0.14	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
87-68-3	Hexachlorobutadiene	ND	4.0	0.17	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
107-13-1	Acrylonitrile	ND	4.0	1.2	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
123-91-1	1,4-Dioxane	ND	80	35.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U
60-29-7	Ethyl ether	ND	2.0	0.34	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab ID	: WG2147003-5	**Date Collected**	: NA
Client ID	: WG2147003-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 11/25/25 15:22
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V10251125C04	**Instrument ID**	: VOA110
Sample Amount	: 5.0 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: NA
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	1.4	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2147004-5	Date Collected	: NA
Client ID	: WG2147004-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/25/25 15:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V10251125C04	Instrument ID	: VOA110
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	61	75	7.0	J
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
542-75-6	1,3-Dichloropropene, Total	ND	25	7.9	U
563-58-6	1,1-Dichloropropene	ND	25	8.0	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	41	100	29.	J
75-01-4	Vinyl chloride	ND	50	17.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2147004-5	Date Collected	: NA
Client ID	: WG2147004-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/25/25 15:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V10251125C04	Instrument ID	: VOA110
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
1330-20-7	Xylenes, Total	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
540-59-0	1,2-Dichloroethene, Total	ND	50	6.8	U
74-95-3	Dibromomethane	ND	100	12.	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	420	500	240	J
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-05-4	Vinyl acetate	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
96-18-4	1,2,3-Trichloropropane	ND	100	6.4	U
591-78-6	2-Hexanone	ND	500	59.	U
74-97-5	Bromochloromethane	ND	100	10.	U
594-20-7	2,2-Dichloropropane	ND	100	10.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2147004-5	Date Collected	: NA
Client ID	: WG2147004-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/25/25 15:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V10251125C04	Instrument ID	: VOA110
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	50	14.	U
142-28-9	1,3-Dichloropropane	ND	100	8.4	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	6.6	U
108-86-1	Bromobenzene	ND	100	7.2	U
104-51-8	n-Butylbenzene	ND	50	8.4	U
135-98-8	sec-Butylbenzene	ND	50	7.3	U
98-06-6	tert-Butylbenzene	ND	100	5.9	U
95-49-8	o-Chlorotoluene	ND	100	9.6	U
106-43-4	p-Chlorotoluene	ND	100	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
87-68-3	Hexachlorobutadiene	ND	200	8.4	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
99-87-6	p-Isopropyltoluene	ND	50	5.4	U
91-20-3	Naphthalene	ND	200	32.	U
107-13-1	Acrylonitrile	ND	200	58.	U
103-65-1	n-Propylbenzene	ND	50	8.6	U
87-61-6	1,2,3-Trichlorobenzene	ND	100	16.	U
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.6	U
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U
123-91-1	1,4-Dioxane	ND	4000	1800	U
105-05-5	p-Diethylbenzene	ND	100	8.8	U
622-96-8	p-Ethyltoluene	ND	100	19.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	100	9.6	U
60-29-7	Ethyl ether	ND	100	17.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab ID	: WG2147004-5	**Date Collected**	: NA
Client ID	: WG2147004-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 11/25/25 15:22
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V10251125C04	**Instrument ID**	: VOA110
Sample Amount	: 15.0 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: NA
Extract Volume (MeOH)	: 15 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	71.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2147438-5	Date Collected	: NA
Client ID	: WG2147438-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/27/25 05:56
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: VG251127A05	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2147438-5	Date Collected	: NA
Client ID	: WG2147438-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/27/25 05:56
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: VG251127A05	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2147438-5	Date Collected	: NA
Client ID	: WG2147438-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/27/25 05:56
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: VG251127A05	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2147438-5	Date Collected	: NA
Client ID	: WG2147438-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/27/25 05:56
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: VG251127A05	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2148010-5	Date Collected	: NA
Client ID	: WG2148010-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/28/25 10:00
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V23251128A05	Instrument ID	: VOA123
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	28	75	7.0	J
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
542-75-6	1,3-Dichloropropene, Total	ND	25	7.9	U
563-58-6	1,1-Dichloropropene	ND	25	8.0	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	ND	100	29.	U
75-01-4	Vinyl chloride	ND	50	17.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2148010-5	Date Collected	: NA
Client ID	: WG2148010-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/28/25 10:00
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V23251128A05	Instrument ID	: VOA123
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
1330-20-7	Xylenes, Total	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
540-59-0	1,2-Dichloroethene, Total	ND	50	6.8	U
74-95-3	Dibromomethane	ND	100	12.	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-05-4	Vinyl acetate	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
96-18-4	1,2,3-Trichloropropane	ND	100	6.4	U
591-78-6	2-Hexanone	ND	500	59.	U
74-97-5	Bromochloromethane	ND	100	10.	U
594-20-7	2,2-Dichloropropane	ND	100	10.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2148010-5	Date Collected	: NA
Client ID	: WG2148010-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/28/25 10:00
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V23251128A05	Instrument ID	: VOA123
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	50	14.	U
142-28-9	1,3-Dichloropropane	ND	100	8.4	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	6.6	U
108-86-1	Bromobenzene	ND	100	7.2	U
104-51-8	n-Butylbenzene	ND	50	8.4	U
135-98-8	sec-Butylbenzene	ND	50	7.3	U
98-06-6	tert-Butylbenzene	ND	100	5.9	U
95-49-8	o-Chlorotoluene	ND	100	9.6	U
106-43-4	p-Chlorotoluene	ND	100	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
87-68-3	Hexachlorobutadiene	ND	200	8.4	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
99-87-6	p-Isopropyltoluene	ND	50	5.4	U
91-20-3	Naphthalene	ND	200	32.	U
107-13-1	Acrylonitrile	ND	200	58.	U
103-65-1	n-Propylbenzene	ND	50	8.6	U
87-61-6	1,2,3-Trichlorobenzene	ND	100	16.	U
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.6	U
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U
123-91-1	1,4-Dioxane	ND	4000	1800	U
105-05-5	p-Diethylbenzene	ND	100	8.8	U
622-96-8	p-Ethyltoluene	ND	100	19.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	100	9.6	U
60-29-7	Ethyl ether	ND	100	17.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab ID	: WG2148010-5	**Date Collected**	: NA
Client ID	: WG2148010-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 11/28/25 10:00
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23251128A05	**Instrument ID**	: VOA123
Sample Amount	: 15.0 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: NA
Extract Volume (MeOH)	: 15 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	71.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2148464-5	Date Collected	: NA
Client ID	: WG2148464-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/01/25 09:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V29251201A05	Instrument ID	: VOA129
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	9.6	75	7.0	J
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
542-75-6	1,3-Dichloropropene, Total	ND	25	7.9	U
563-58-6	1,1-Dichloropropene	ND	25	8.0	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	ND	100	29.	U
75-01-4	Vinyl chloride	ND	50	17.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2148464-5	Date Collected	: NA
Client ID	: WG2148464-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/01/25 09:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V29251201A05	Instrument ID	: VOA129
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
1330-20-7	Xylenes, Total	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
540-59-0	1,2-Dichloroethene, Total	ND	50	6.8	U
74-95-3	Dibromomethane	ND	100	12.	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-05-4	Vinyl acetate	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
96-18-4	1,2,3-Trichloropropane	ND	100	6.4	U
591-78-6	2-Hexanone	ND	500	59.	U
74-97-5	Bromochloromethane	ND	100	10.	U
594-20-7	2,2-Dichloropropane	ND	100	10.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2148464-5	Date Collected	: NA
Client ID	: WG2148464-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/01/25 09:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V29251201A05	Instrument ID	: VOA129
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	50	14.	U
142-28-9	1,3-Dichloropropane	ND	100	8.4	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	6.6	U
108-86-1	Bromobenzene	ND	100	7.2	U
104-51-8	n-Butylbenzene	ND	50	8.4	U
135-98-8	sec-Butylbenzene	ND	50	7.3	U
98-06-6	tert-Butylbenzene	ND	100	5.9	U
95-49-8	o-Chlorotoluene	ND	100	9.6	U
106-43-4	p-Chlorotoluene	ND	100	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
87-68-3	Hexachlorobutadiene	ND	200	8.4	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
99-87-6	p-Isopropyltoluene	ND	50	5.4	U
91-20-3	Naphthalene	ND	200	32.	U
107-13-1	Acrylonitrile	ND	200	58.	U
103-65-1	n-Propylbenzene	ND	50	8.6	U
87-61-6	1,2,3-Trichlorobenzene	ND	100	16.	U
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.6	U
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U
123-91-1	1,4-Dioxane	ND	4000	1800	U
105-05-5	p-Diethylbenzene	ND	100	8.8	U
622-96-8	p-Ethyltoluene	ND	100	19.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	100	9.6	U
60-29-7	Ethyl ether	ND	100	17.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: WG2148464-5	Date Collected	: NA
Client ID	: WG2148464-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/01/25 09:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V29251201A05	Instrument ID	: VOA129
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	71.	U

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C18.D
Acq On : 25 Nov 2025 9:45 pm
Operator : VOA110:JIC
Sample : L2574258-01,31H,5,5,0.100,,A
Misc : WG2147004,ICAL22640
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 26 13:56:10 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.243	96	155297	20.000	ug/L	0.00
Standard Area 1 = 204110			Recovery = 76.08%			
59) Chlorobenzene-d5	9.803	117	126572	20.000	ug/L	0.00
Standard Area 1 = 167631			Recovery = 75.51%			
79) 1,4-Dichlorobenzene-d4	12.461	152	64893	20.000	ug/L	0.00
Standard Area 1 = 107503			Recovery = 60.36%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.420	113	49912	23.902	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 119.51%			
43) 1,2-Dichloroethane-d4	5.954	65	59524	27.908	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 139.54%#			
60) Toluene-d8	7.947	98	148681	19.041	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.21%			
83) 4-Bromofluorobenzene	11.266	95	51688	18.995	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D. d		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.358	94	773M3	0.352	ug/L	
6) Chloroethane	2.478	64	114	N.D.		
7) Trichlorofluoromethane	2.562	101	51	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.139	76	265	N.D.		
15) Methylene chloride	3.695	84	3500	1.633	ug/L	86
17) Acetone	3.757	43	1759	0.496	ug/L #	46
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	5.241	83	2171	0.619	ug/L #	79

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C18.D
Acq On : 25 Nov 2025 9:45 pm
Operator : VOA110:JIC
Sample : L2574258-01,31H,5,5,0.100,,A
Misc : WG2147004,ICAL22640
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 26 13:56:10 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	5.598	43	52		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	6.316	95	109		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	0.000		0		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.260	91	55		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C18.D
Acq On : 25 Nov 2025 9:45 pm
Operator : VOA110:JIC
Sample : L2574258-01,31H,5,5,0.100,,A
Misc : WG2147004,ICAL22640
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 26 13:56:10 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	0.000		0		N.D.	
98)	sec-Butylbenzene	0.000		0		N.D.	
99)	p-Isopropyltoluene	0.000		0		N.D.	
100)	1,3-Dichlorobenzene	0.000		0		N.D.	
101)	1,4-Dichlorobenzene	0.000		0		N.D.	
102)	p-Diethylbenzene	0.000		0		N.D.	
103)	n-Butylbenzene	0.000		0		N.D.	
104)	1,2-Dichlorobenzene	0.000		0		N.D.	
105)	1,2,4,5-Tetramethylben...	0.000		0		N.D.	
106)	1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108)	Hexachlorobutadiene	0.000		0		N.D.	
109)	1,2,4-Trichlorobenzene	0.000		0		N.D.	
110)	Naphthalene	14.605	128	253		N.D.	
111)	1,2,3-Trichlorobenzene	0.000		0		N.D.	

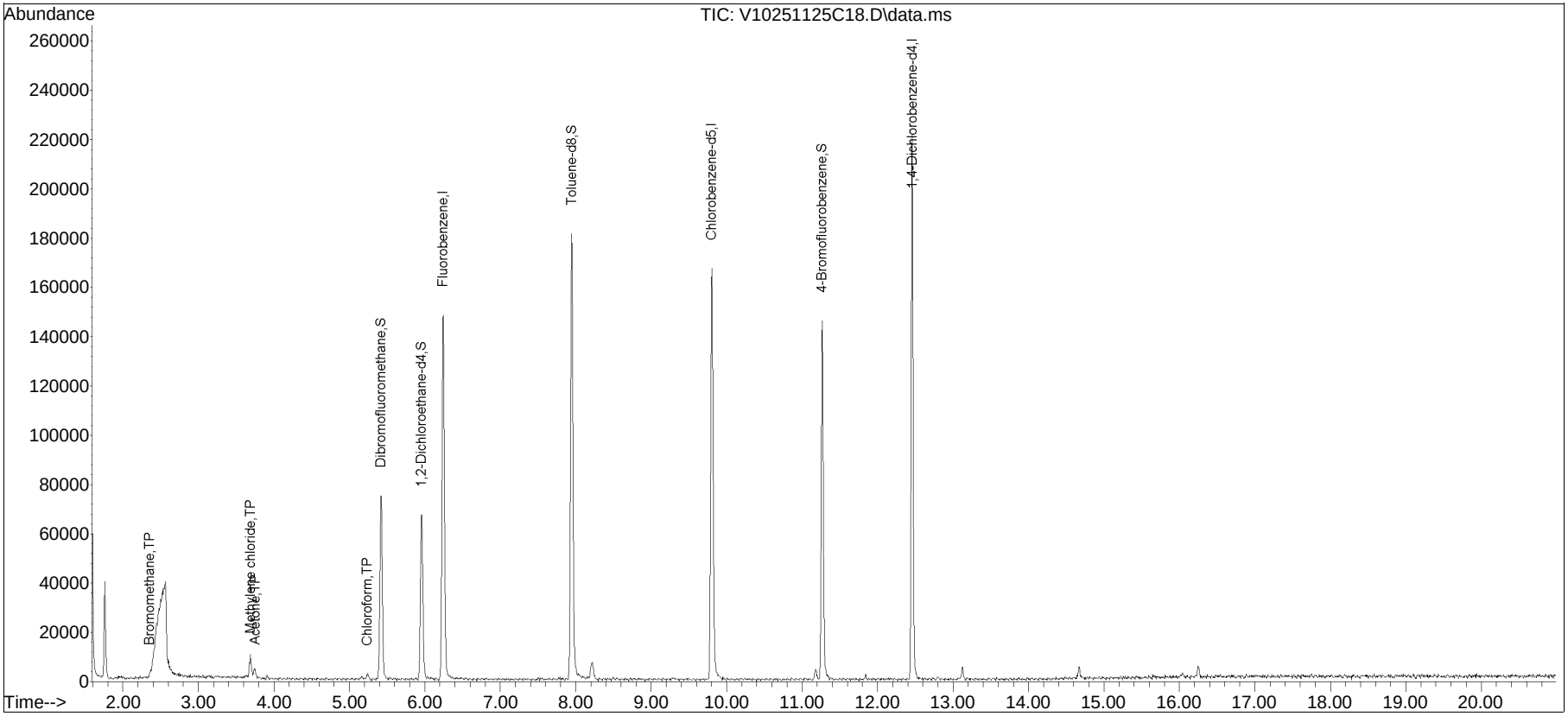
(#) = qualifier out of range (m) = manual integration (+) = signals summed

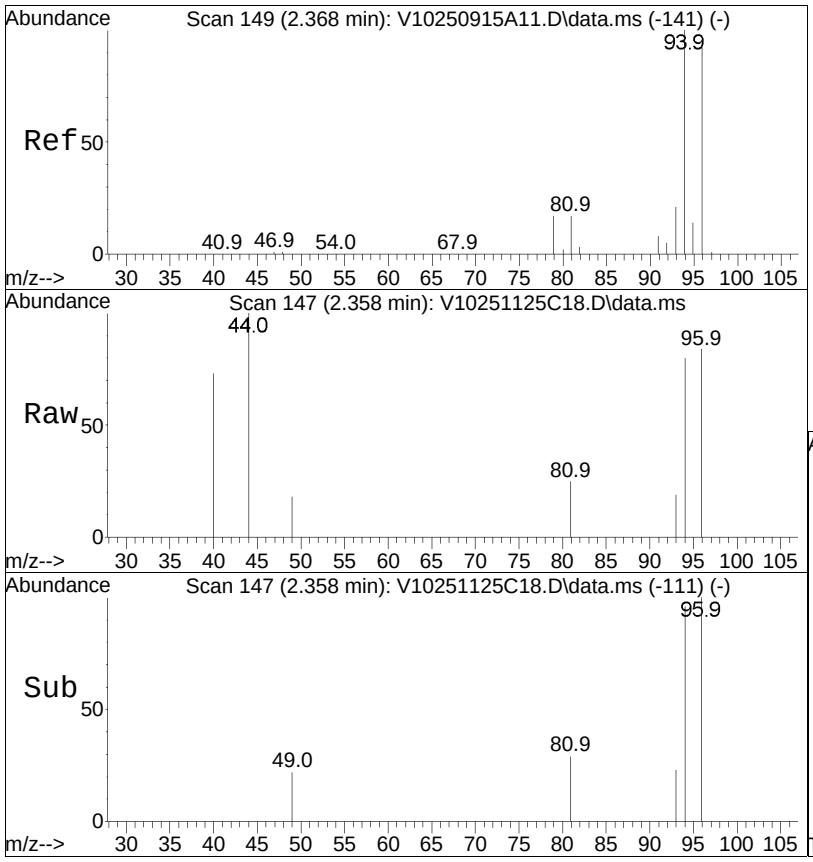
Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C18.D
Acq On : 25 Nov 2025 9:45 pm
Operator : VOA110:JIC
Sample : L2574258-01,31H,5,5,0.100,,A
Misc : WG2147004,ICAL22640
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 26 13:56:10 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251125C01.D•

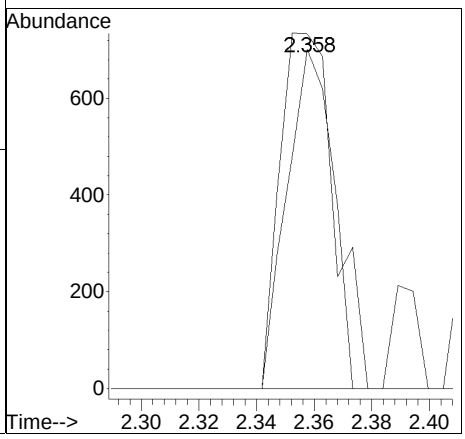


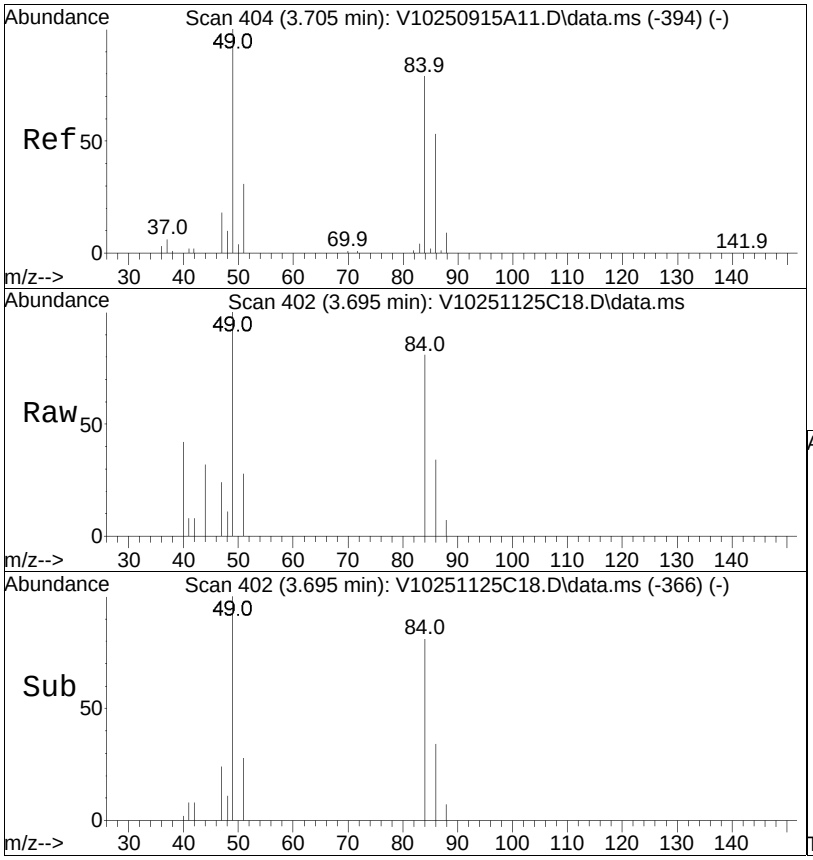


#5
Bromomethane
Concen: 0.35 ug/L M3
RT: 2.358 min Scan# 147
Delta R.T. -0.010 min
Lab File: V10251125C18.D
Acq: 25 Nov 2025 9:45 pm

Tgt Ion: 94 Resp: 773

Ion	Ratio	Lower	Upper
94	100		
96	27.9	67.4	107.4#

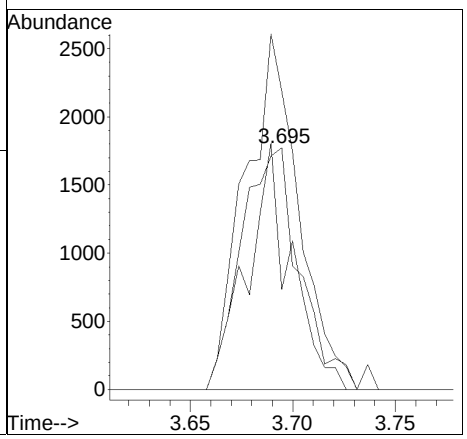


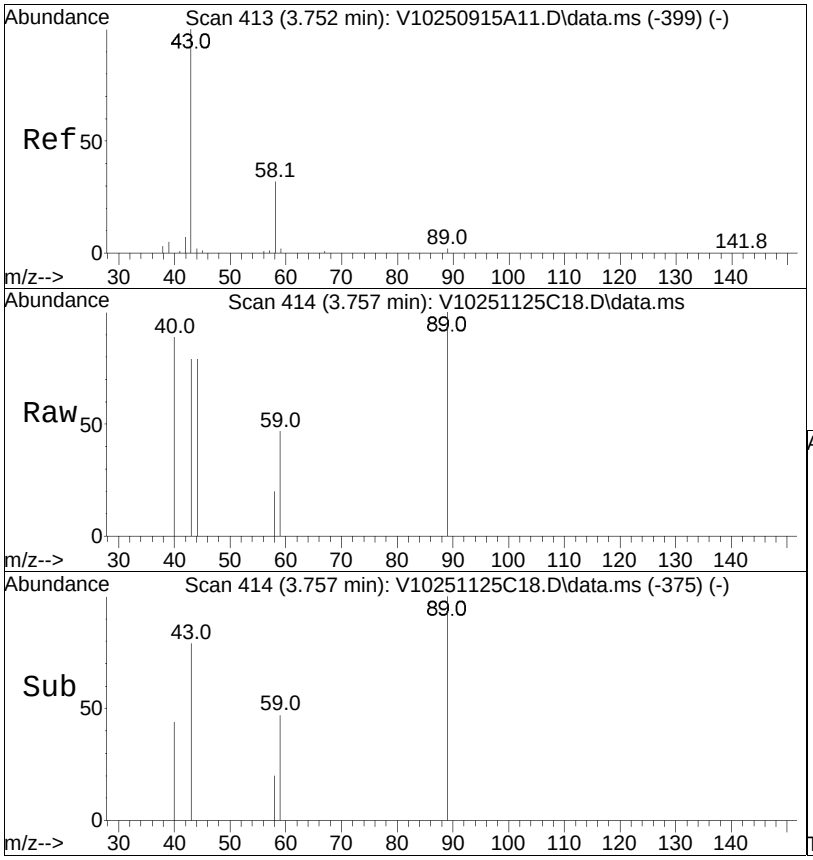


#15
Methylene chloride
Concen: 1.63 ug/L
RT: 3.695 min Scan# 402
Delta R.T. -0.010 min
Lab File: V10251125C18.D
Acq: 25 Nov 2025 9:45 pm

Tgt Ion: 84 Resp: 3500

Ion	Ratio	Lower	Upper
84	100		
86	77.3	41.5	86.3
49	137.1	99.3	206.1

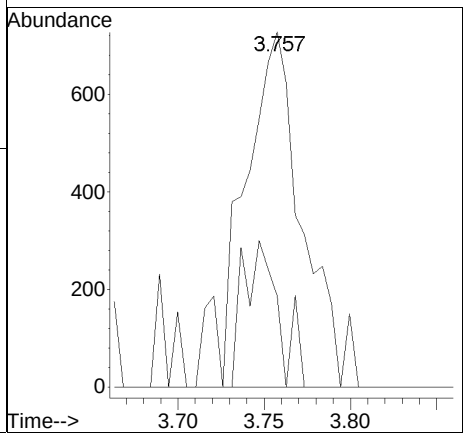


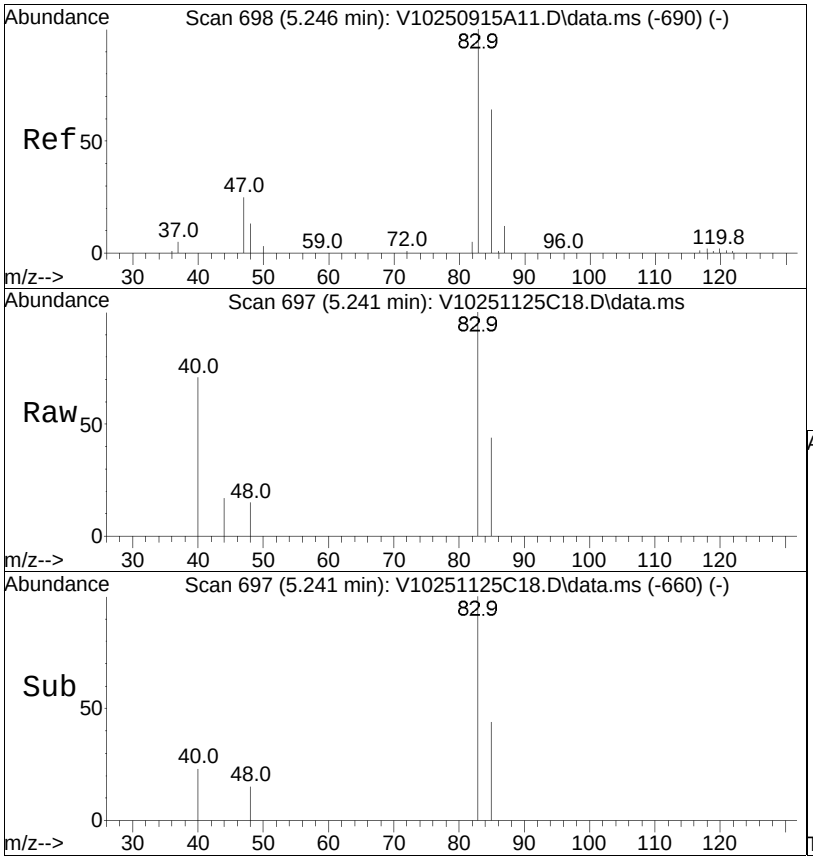


#17
Acetone
Concen: 0.50 ug/L
RT: 3.757 min Scan# 414
Delta R.T. 0.005 min
Lab File: V10251125C18.D
Acq: 25 Nov 2025 9:45 pm

Tgt Ion: 43 Resp: 1759

Ion	Ratio	Lower	Upper
43	100		
58	24.5	5.0	7.6#

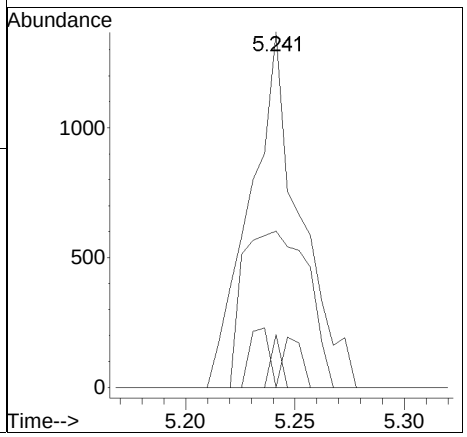




#32
Chloroform
Concen: 0.62 ug/L
RT: 5.241 min Scan# 697
Delta R.T. -0.005 min
Lab File: V10251125C18.D
Acq: 25 Nov 2025 9:45 pm

Tgt Ion: 83 Resp: 2171

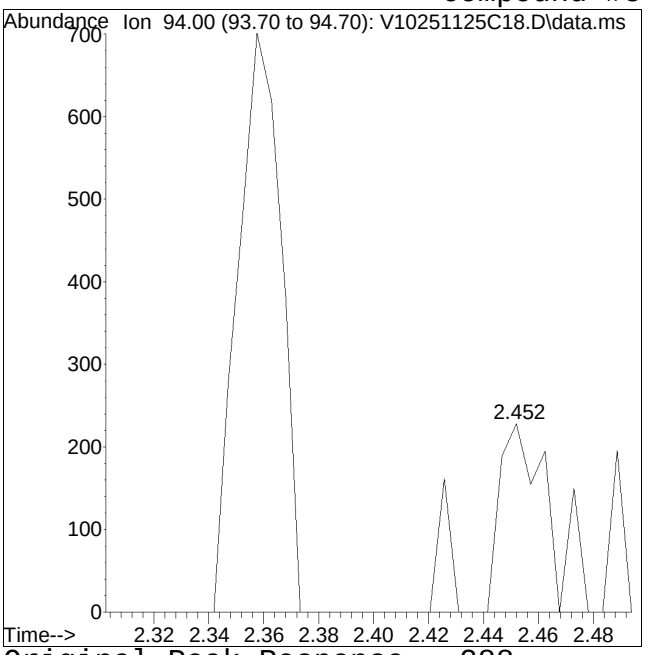
Ion	Ratio	Lower	Upper
83	100		
85	57.6	41.9	87.1
47	5.3	18.4	38.2#
48	2.9	9.4	19.4#



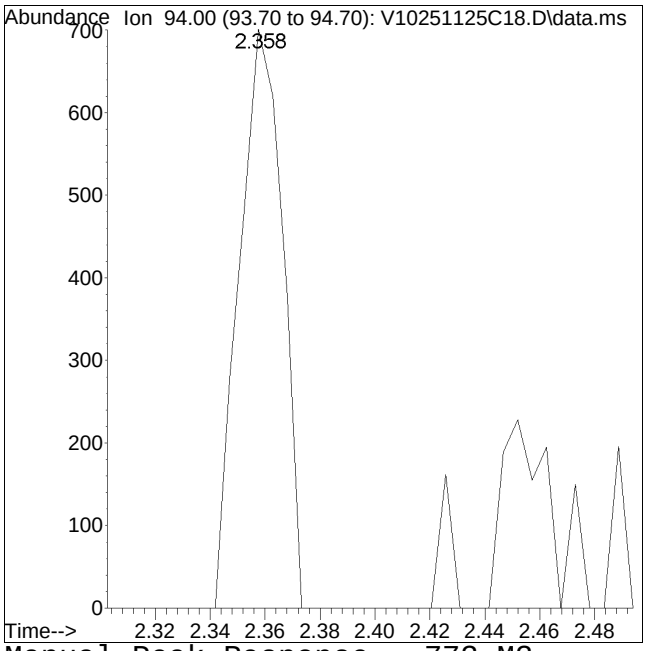
Manual Integration Report

Data Path : K:\VOA110\2025\251125C\ QMethod : V110_250915A_8260.m
Data File : V10251125C18.D Operator : VOA110:JIC
Date Inj'd : 11/25/2025 9:45 pm Instrument : VOA110
Sample : L2574258-01,31H,5,5,0.100,Quant Date : 11/26/2025 6:51 am

Compound #5: Bromomethane



Original Peak Response = 288



Manual Peak Response = 773 M3

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C20.D
Acq On : 25 Nov 2025 10:40 pm
Operator : VOA110:JIC
Sample : L2574258-04,31H,5.65,5,0.100,,A,29.66,35.81,0
Misc : WG2147004,ICAL22640
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 01 11:09:38 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.243	96	212600	20.000	ug/L	0.00
Standard Area 1 = 204110			Recovery = 104.16%			
59) Chlorobenzene-d5	9.803	117	170609	20.000	ug/L	0.00
Standard Area 1 = 167631			Recovery = 101.78%			
79) 1,4-Dichlorobenzene-d4	12.456	152	105400	20.000	ug/L	0.00
Standard Area 1 = 107503			Recovery = 98.04%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.420	113	55182	19.303	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.52%			
43) 1,2-Dichloroethane-d4	5.960	65	69191	23.697	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 118.49%			
60) Toluene-d8	7.947	98	235013	22.329	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 111.65%			
83) 4-Bromofluorobenzene	11.266	95	90518	20.480	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.964	50	48	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.352	94	885	0.294	ug/L	87
6) Chloroethane	2.452	64	116	N.D.		
7) Trichlorofluoromethane	2.562	101	64	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	3.233	96	51	N.D.		
11) Carbon disulfide	3.139	76	3546	0.348	ug/L	96
15) Methylene chloride	3.689	84	4137	1.410	ug/L	76
17) Acetone	3.758	43	2837	0.907	ug/L #	42
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	4.492	53	78	N.D.		
27) Vinyl acetate	4.686	43	163	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	5.147	77	377	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	5.241	83	2828	0.589	ug/L #	74

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C20.D
Acq On : 25 Nov 2025 10:40 pm
Operator : VOA110:JIC
Sample : L2574258-04,31H,5.65,5,0.100,,A,29.66,35.81,0
Misc : WG2147004,ICAL22640
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 01 11:09:38 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	5.561	97	356	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	5.472	75	61	N.D.		
41) Benzene	5.944	78	54	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.	d	
50) Dibromomethane	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	6.951	63	58	N.D.		
54) Bromodichloromethane	0.000		0	N.D.	d	
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	8.010	92	190	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d	
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	8.571	75	51	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	9.100	76	50	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.	d	
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	0.000		0	N.D.	d	
74) Ethylbenzene	9.855	91	9489	0.771	ug/L	98
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	10.049	106	3593	0.729	ug/L	85
77) o Xylene	10.726	106	52	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.940	105	22443	1.703	ug/L	96
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	11.407	91	46380	3.046	ug/L	98
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d	
88) 4-Ethyltoluene	11.538	105	47694	3.545	ug/L	99
89) 2-Chlorotoluene	0.000		0	N.D.	d	
90) 1,3,5-Trimethylbenzene	11.633	105	36197	3.153	ug/L	99
91) 1,2,3-Trichloropropane	0.000		0	N.D.	d	
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
93) 4-Chlorotoluene	11.764	91	517	N.D.		
94) tert-Butylbenzene	11.968	119	2893	0.292	ug/L #	75

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C20.D
Acq On : 25 Nov 2025 10:40 pm
Operator : VOA110:JIC
Sample : L2574258-04,31H,5.65,5,0.100,,A,29.66,35.81,0
Misc : WG2147004,ICAL22640
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 01 11:09:38 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
97) 1,2,4-Trimethylbenzene	12.047	105	130393	11.515	ug/L		99
98) sec-Butylbenzene	12.157	105	26783	1.867	ug/L	#	48
99) p-Isopropyltoluene	12.304	119	41964	3.258	ug/L		96
100) 1,3-Dichlorobenzene	0.000		0	N.D.			
101) 1,4-Dichlorobenzene	0.000		0	N.D.			
102) p-Diethylbenzene	12.676	119	25544M5	3.282	ug/L		
103) n-Butylbenzene	12.734	91	30393	2.798	ug/L	#	83
104) 1,2-Dichlorobenzene	12.781	146	149	N.D.			
105) 1,2,4,5-Tetramethylben...	13.462	119	94689	7.629	ug/L		94
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.			
108) Hexachlorobutadiene	0.000		0	N.D.			
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.	d		
110) Naphthalene	14.590	128	20152	1.632	ug/L		100
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.	d		

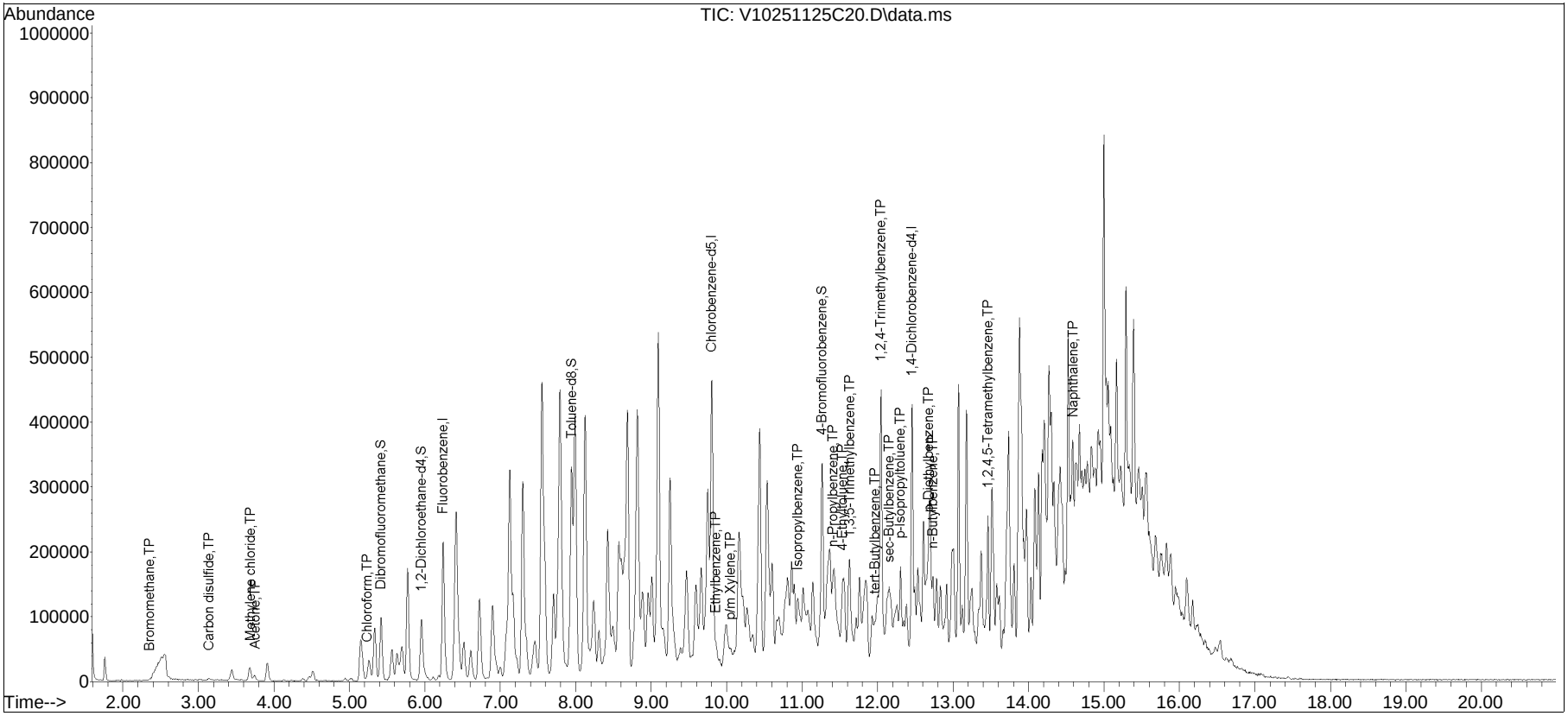
(#) = qualifier out of range (m) = manual integration (+) = signals summed

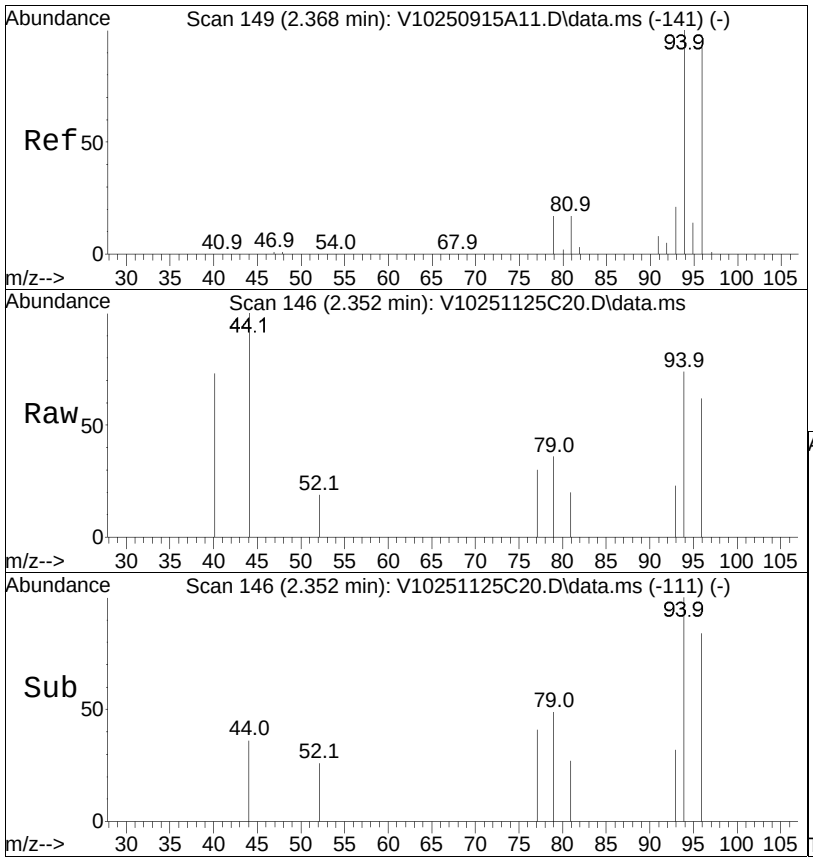
Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C20.D
Acq On : 25 Nov 2025 10:40 pm
Operator : VOA110:JIC
Sample : L2574258-04,31H,5.65,5,0.100,,A,29.66,35.81,0
Misc : WG2147004,ICAL22640
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 01 11:09:38 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251125C01.D•

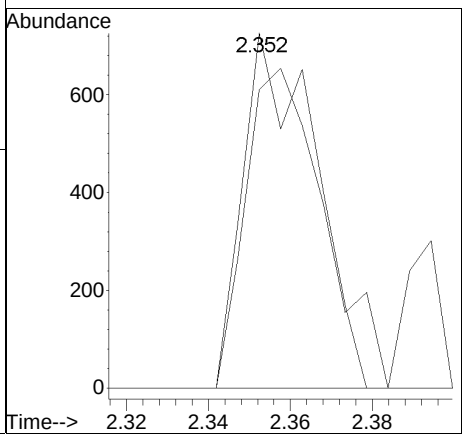


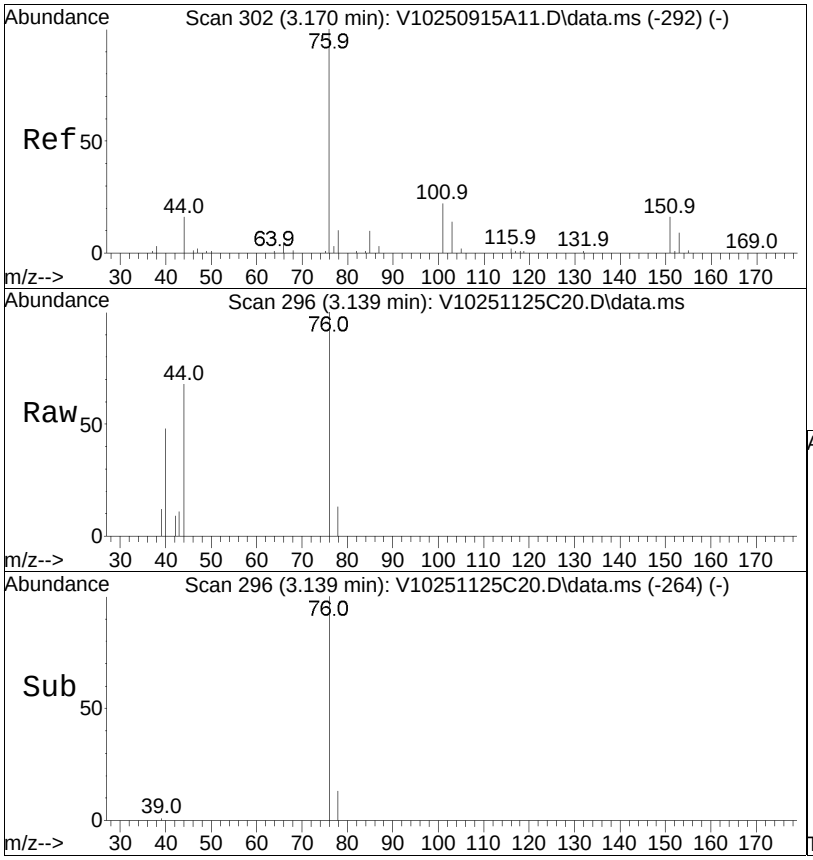


#5
Bromomethane
Concen: 0.29 ug/L
RT: 2.352 min Scan# 146
Delta R.T. -0.016 min
Lab File: V10251125C20.D
Acq: 25 Nov 2025 10:40 pm

Tgt Ion: 94 Resp: 885

Ion	Ratio	Lower	Upper
94	100		
96	99.2	67.4	107.4

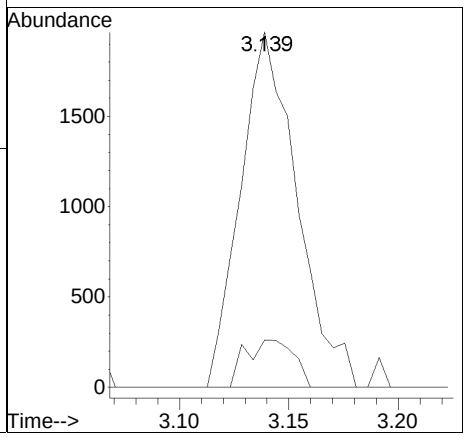


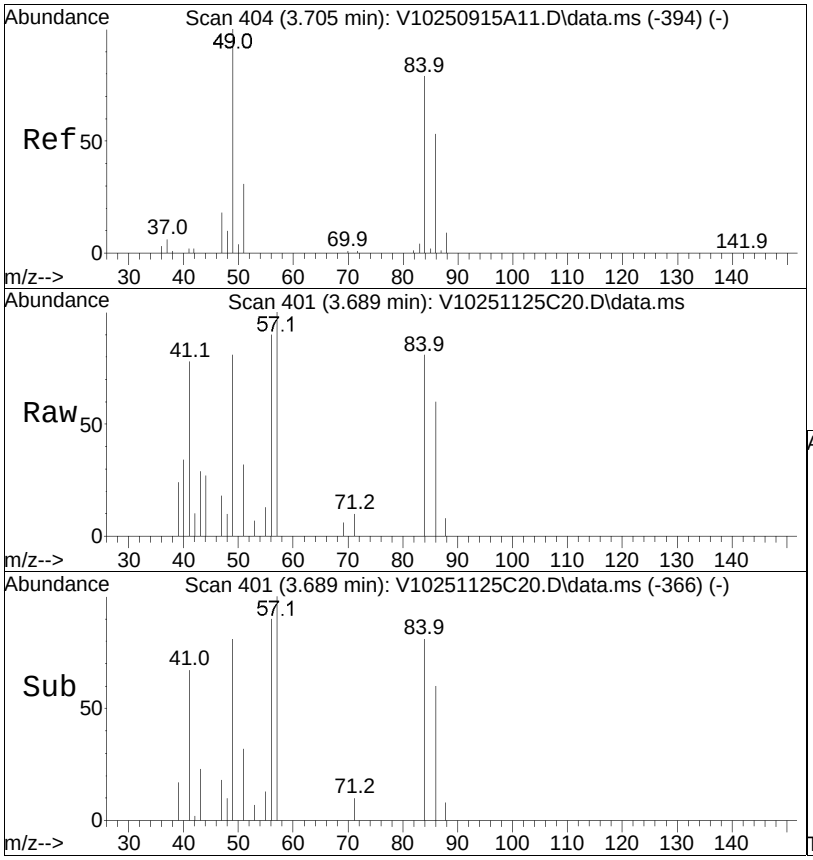


#11
Carbon disulfide
Concen: 0.35 ug/L
RT: 3.139 min Scan# 296
Delta R.T. -0.031 min
Lab File: V10251125C20.D
Acq: 25 Nov 2025 10:40 pm

Tgt Ion: 76 Resp: 3546

Ion	Ratio	Lower	Upper
76	100		
78	11.4	6.4	13.2

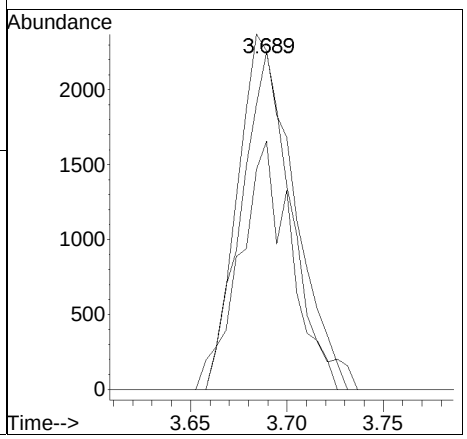


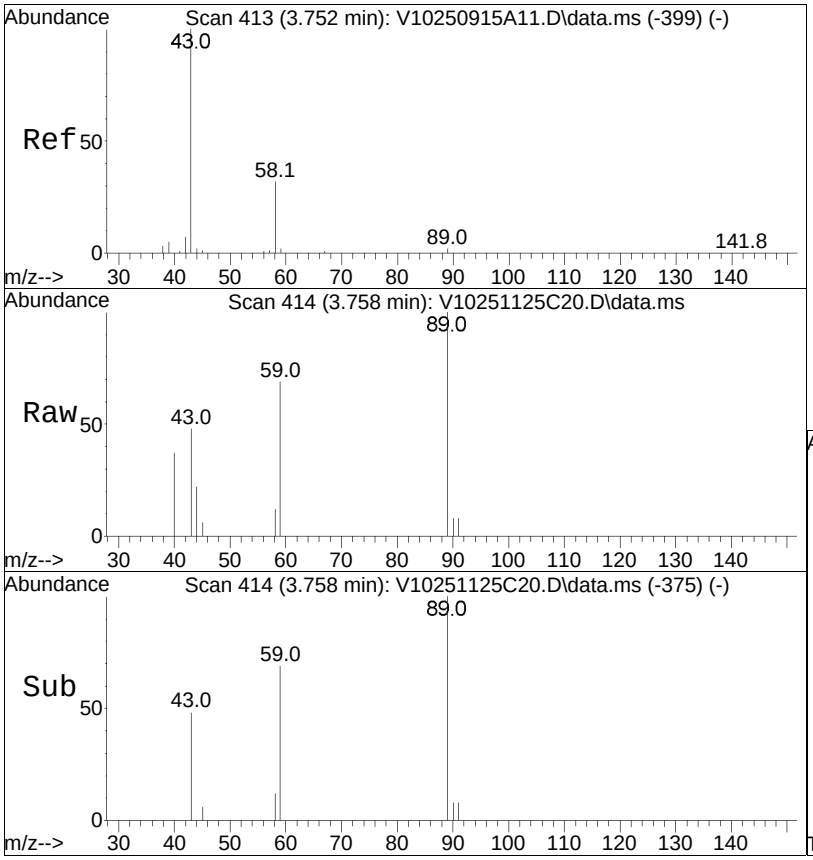


#15
Methylene chloride
Concen: 1.41 ug/L
RT: 3.689 min Scan# 401
Delta R.T. -0.016 min
Lab File: V10251125C20.D
Acq: 25 Nov 2025 10:40 pm

Tgt Ion: 84 Resp: 4137

Ion	Ratio	Lower	Upper
84	100		
86	73.6	41.5	86.3
49	115.9	99.3	206.1

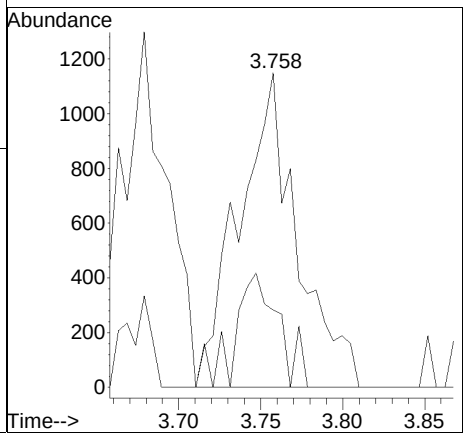


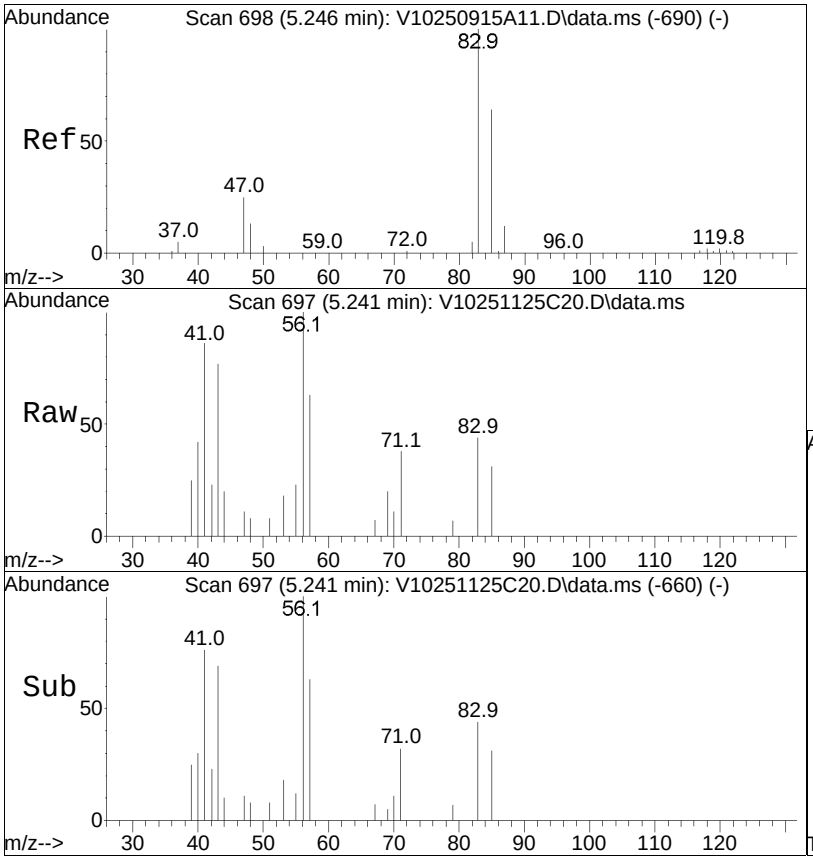


#17
Acetone
Concen: 0.91 ug/L
RT: 3.758 min Scan# 414
Delta R.T. 0.006 min
Lab File: V10251125C20.D
Acq: 25 Nov 2025 10:40 pm

Tgt Ion: 43 Resp: 2837

Ion	Ratio	Lower	Upper
43	100		
58	26.1	5.0	7.6#

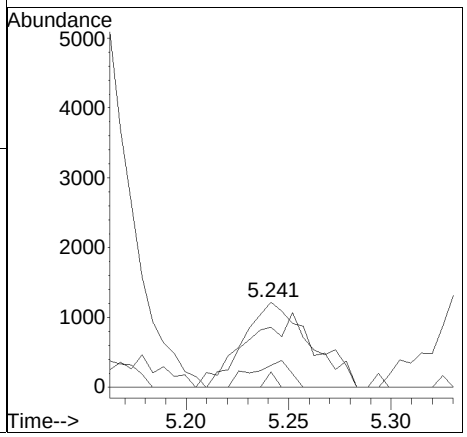


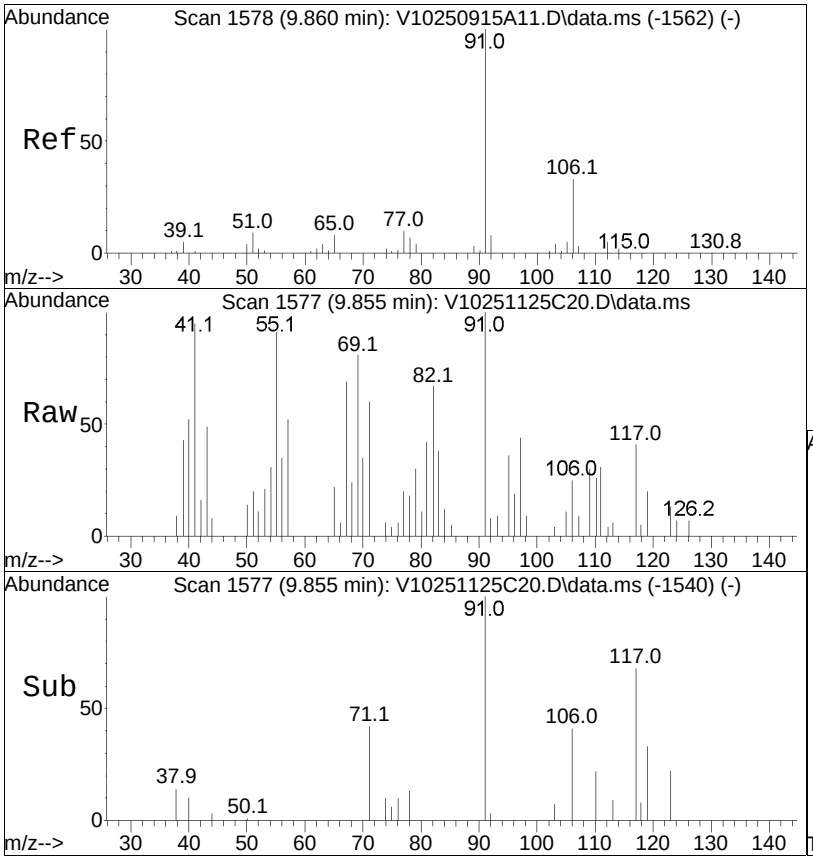


#32
Chloroform
Concen: 0.59 ug/L
RT: 5.241 min Scan# 697
Delta R.T. -0.005 min
Lab File: V10251125C20.D
Acq: 25 Nov 2025 10:40 pm

Tgt Ion: 83 Resp: 2828

Ion	Ratio	Lower	Upper
83	100		
85	86.4	41.9	87.1
47	17.6	18.4	38.2#
48	2.5	9.4	19.4#

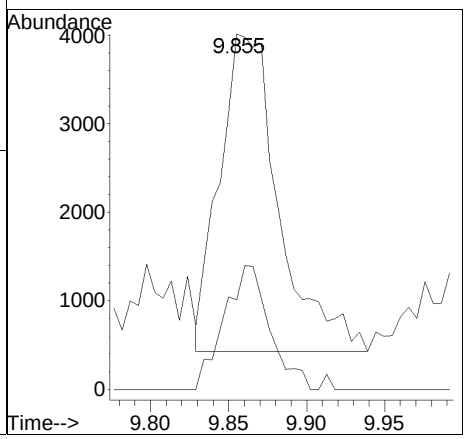


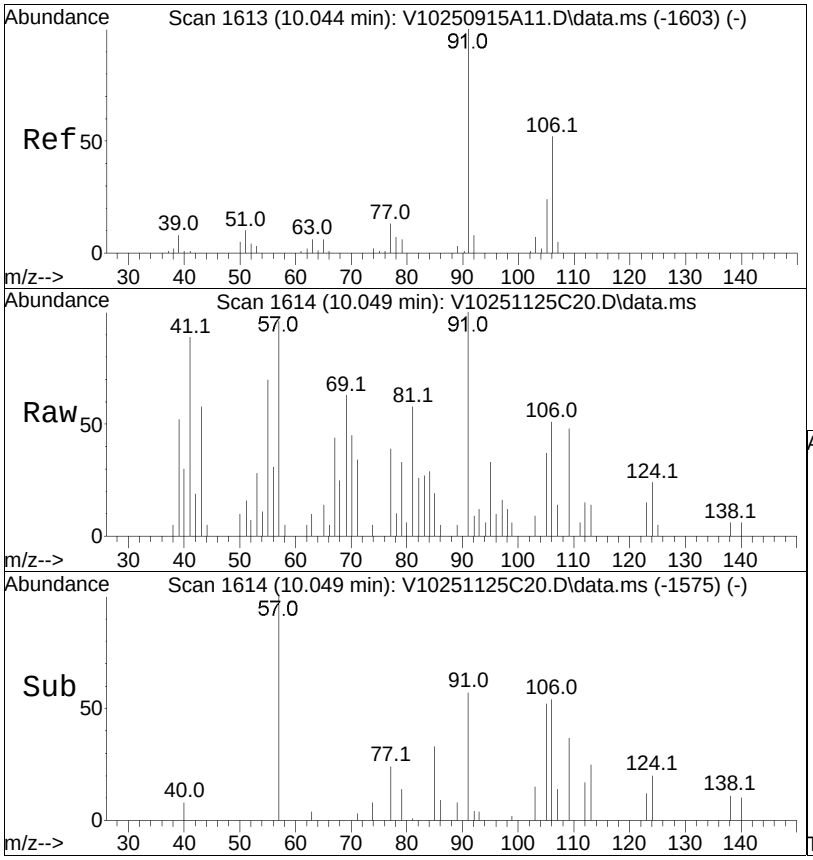


#74
Ethylbenzene
Concen: 0.77 ug/L
RT: 9.855 min Scan# 1577
Delta R.T. -0.005 min
Lab File: V10251125C20.D
Acq: 25 Nov 2025 10:40 pm

Tgt Ion: 91 Resp: 9489

Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.7	37.1

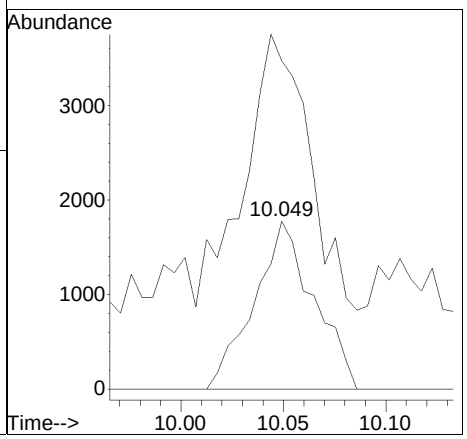


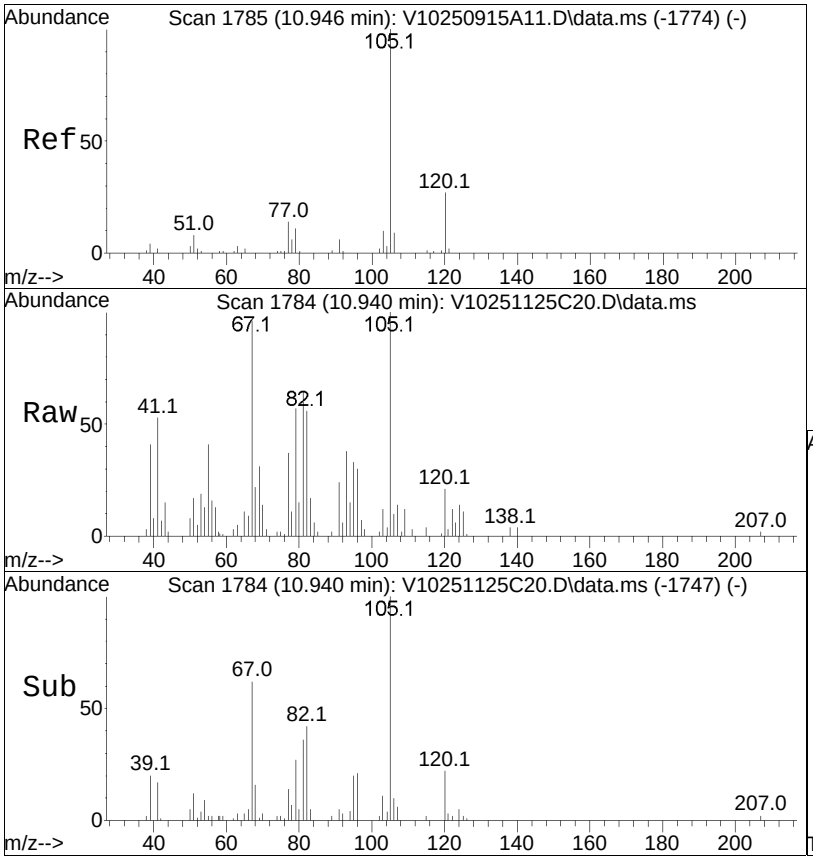


#76
p/m Xylene
Concen: 0.73 ug/L
RT: 10.049 min Scan# 1614
Delta R.T. 0.005 min
Lab File: V10251125C20.D
Acq: 25 Nov 2025 10:40 pm

Tgt Ion:106 Resp: 3593

Ion	Ratio	Lower	Upper
106	100		
91	219.7	158.2	237.2

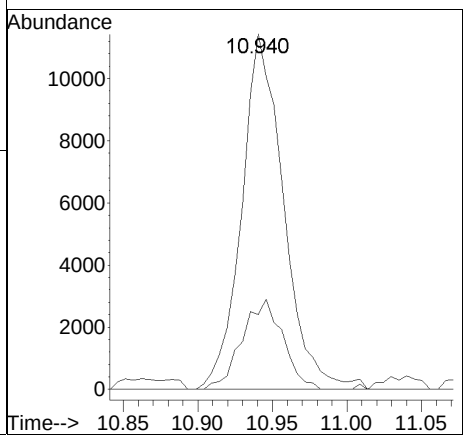


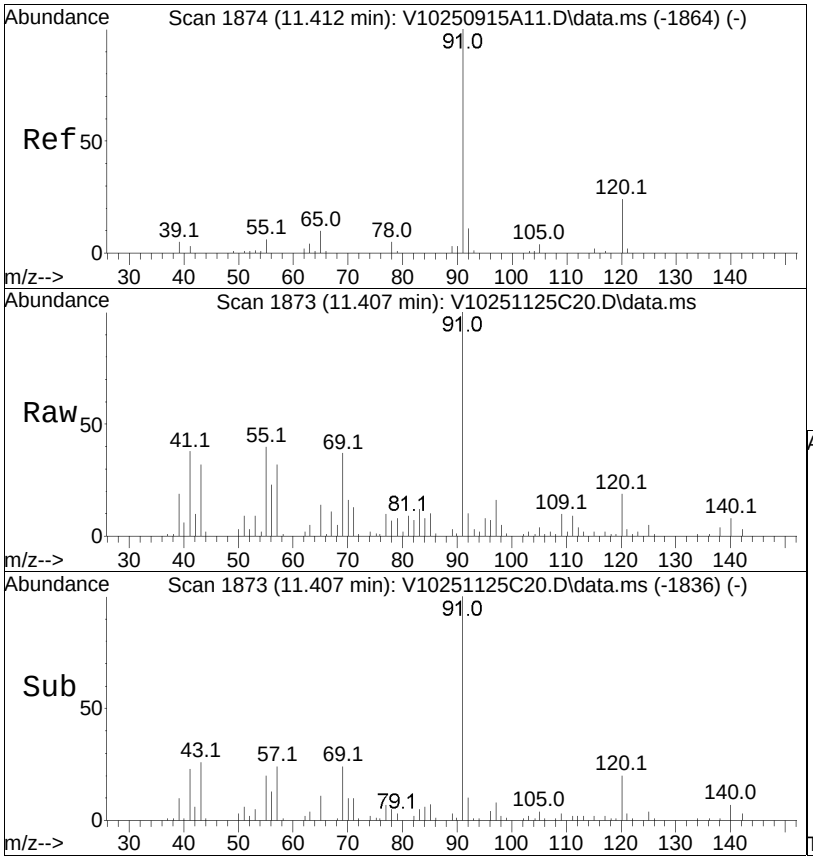


#82
Isopropylbenzene
Concen: 1.70 ug/L
RT: 10.940 min Scan# 1784
Delta R.T. -0.005 min
Lab File: V10251125C20.D
Acq: 25 Nov 2025 10:40 pm

Tgt Ion:105 Resp: 22443

Ion	Ratio	Lower	Upper
105	100		
120	24.7	6.7	46.7

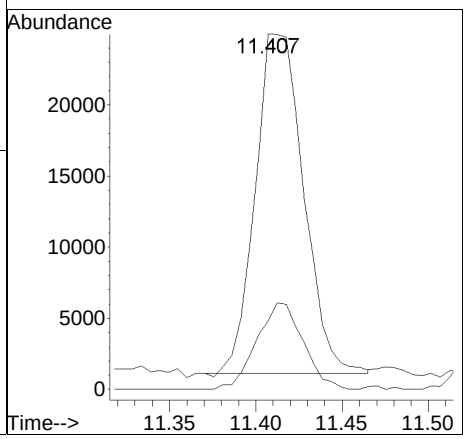


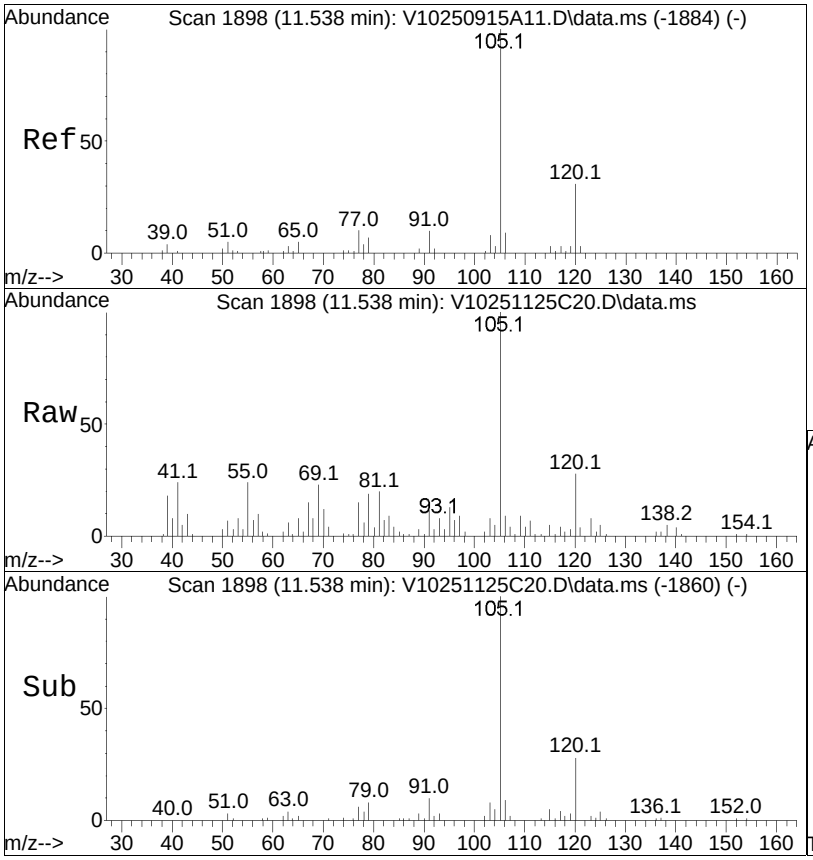


#85
n-Propylbenzene
Concen: 3.05 ug/L
RT: 11.407 min Scan# 1873
Delta R.T. -0.005 min
Lab File: V10251125C20.D
Acq: 25 Nov 2025 10:40 pm

Tgt Ion: 91 Resp: 46380

Ion	Ratio	Lower	Upper
91	100		
120	24.5	18.7	28.1

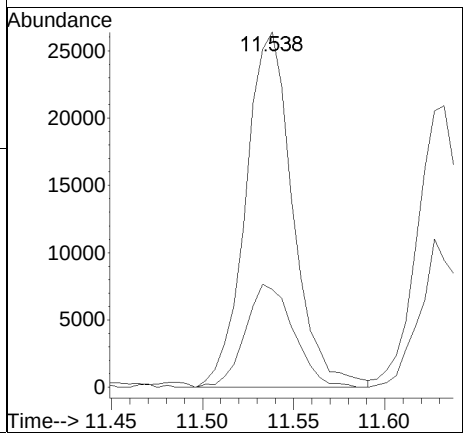


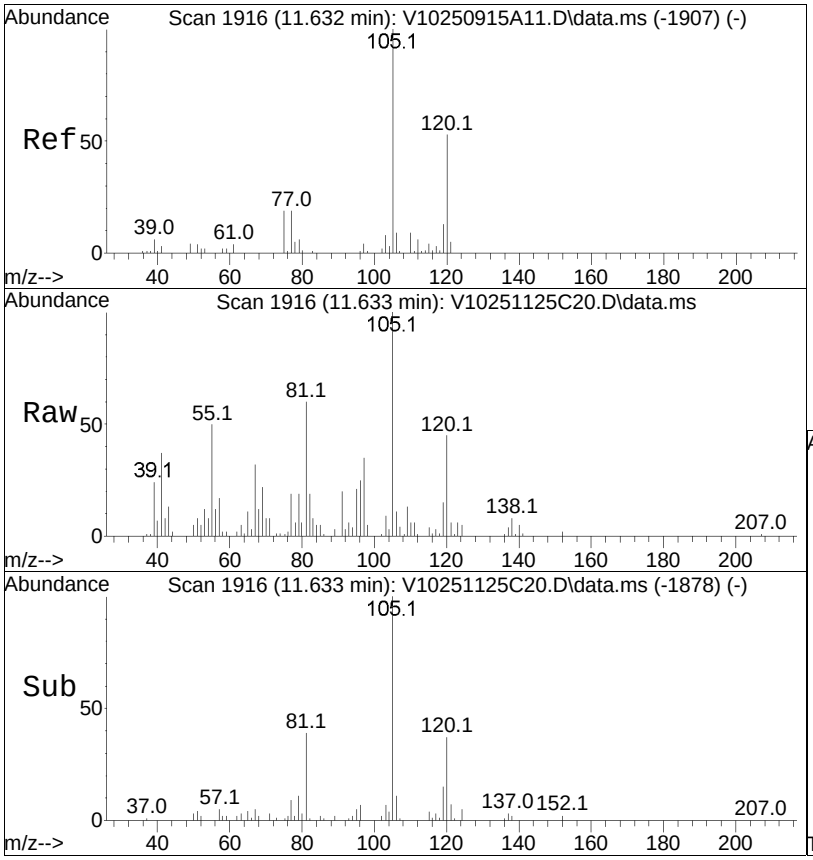


#88
4-Ethyltoluene
Concen: 3.55 ug/L
RT: 11.538 min Scan# 1898
Delta R.T. 0.000 min
Lab File: V10251125C20.D
Acq: 25 Nov 2025 10:40 pm

Tgt Ion:105 Resp: 47694

Ion	Ratio	Lower	Upper
105	100		
120	29.7	19.8	41.2

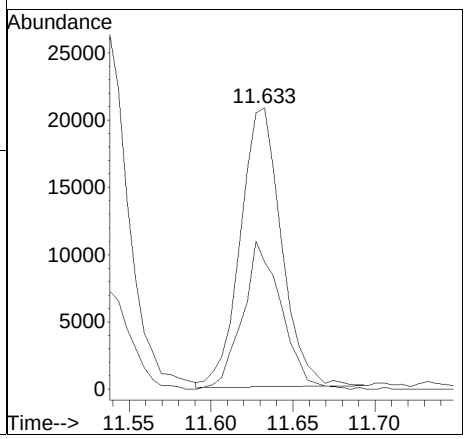


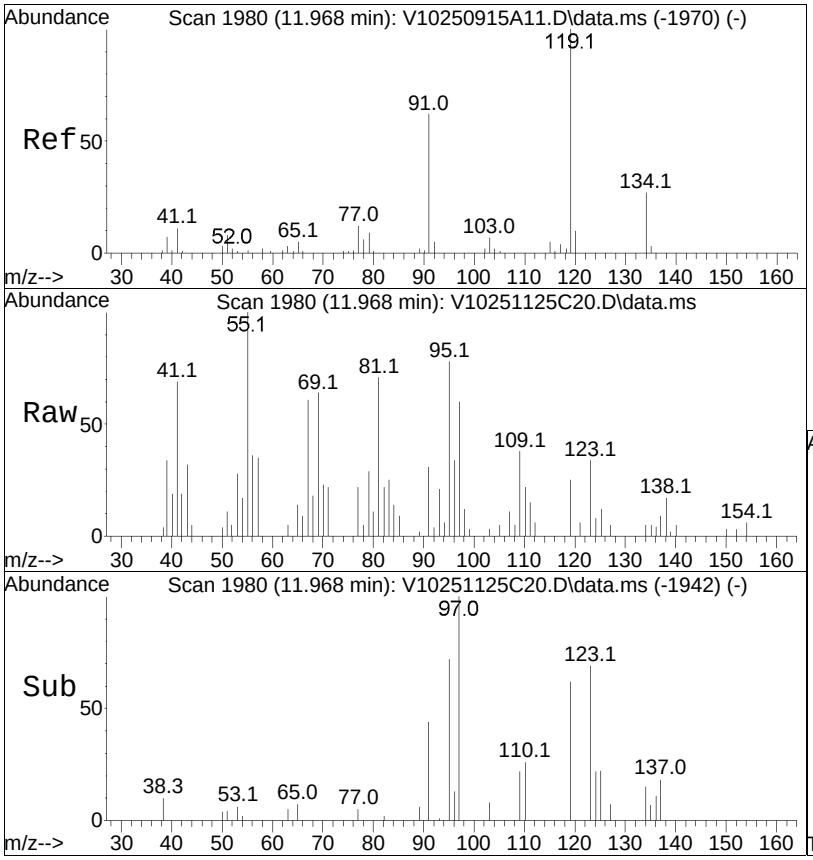


#90
1,3,5-Trimethylbenzene
Concen: 3.15 ug/L
RT: 11.633 min Scan# 1916
Delta R.T. 0.000 min
Lab File: V10251125C20.D
Acq: 25 Nov 2025 10:40 pm

Tgt Ion:105 Resp: 36197

Ion	Ratio	Lower	Upper
105	100		
120	50.4	41.0	61.4

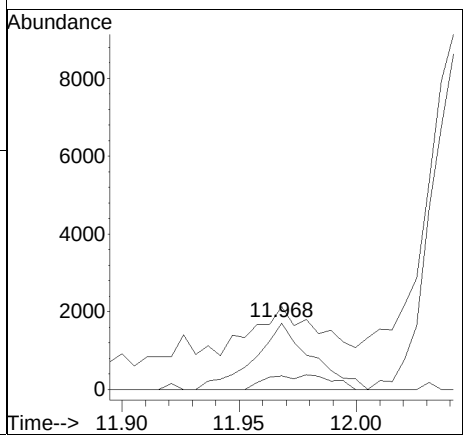


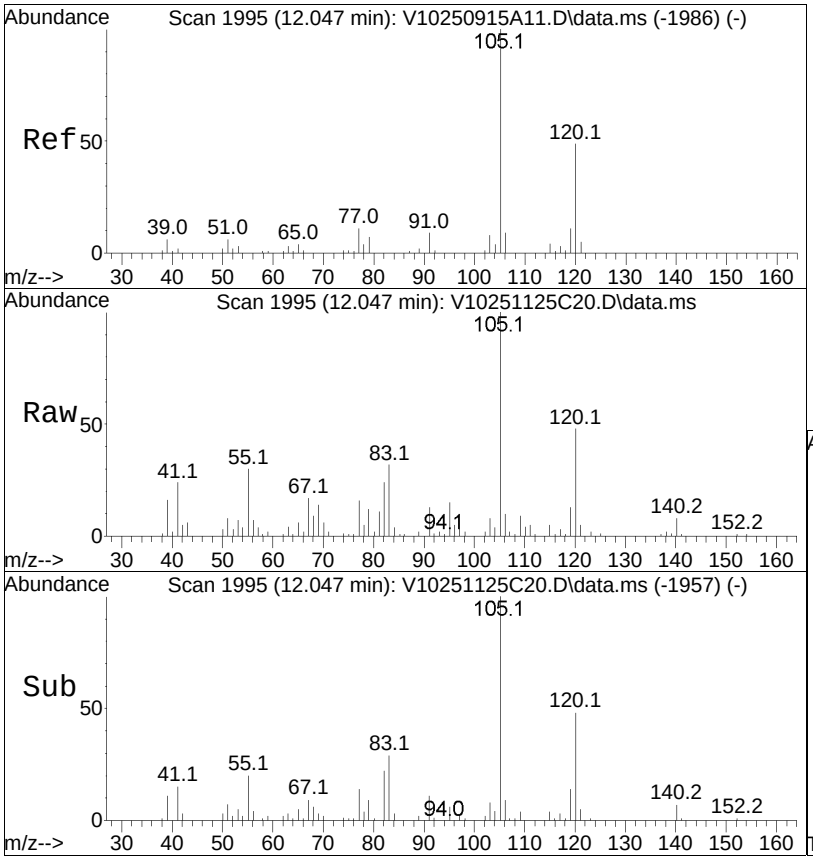


#94
tert-Butylbenzene
Concen: 0.29 ug/L
RT: 11.968 min Scan# 1980
Delta R.T. 0.000 min
Lab File: V10251125C20.D
Acq: 25 Nov 2025 10:40 pm

Tgt Ion:119 Resp: 2893

Ion	Ratio	Lower	Upper
119	100		
91	79.8	49.0	73.4#
134	12.1	20.0	30.0#

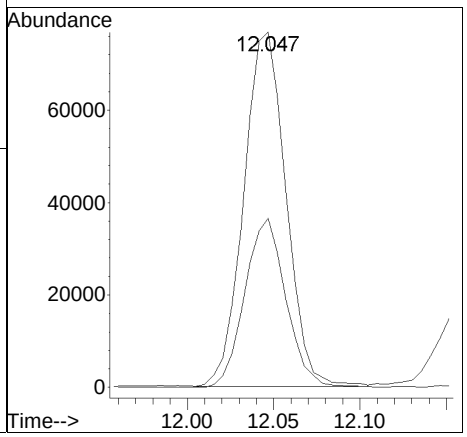


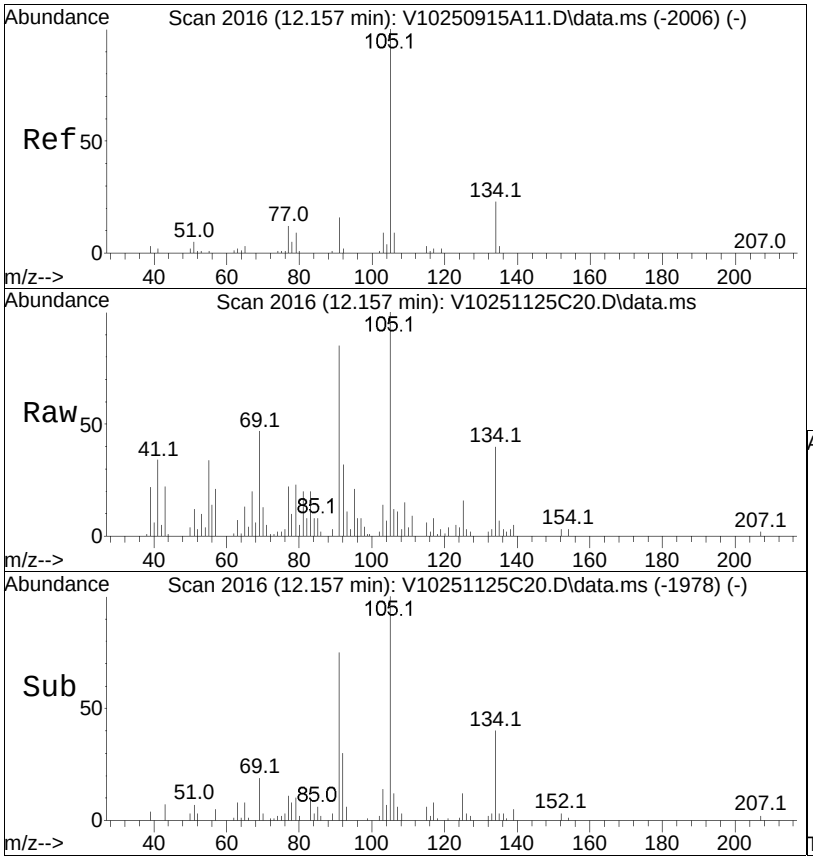


#97
1,2,4-Trimethylbenzene
Concen: 11.51 ug/L
RT: 12.047 min Scan# 1995
Delta R.T. 0.000 min
Lab File: V10251125C20.D
Acq: 25 Nov 2025 10:40 pm

Tgt Ion:105 Resp: 130393

Ion	Ratio	Lower	Upper
105	100		
120	46.5	37.8	56.6

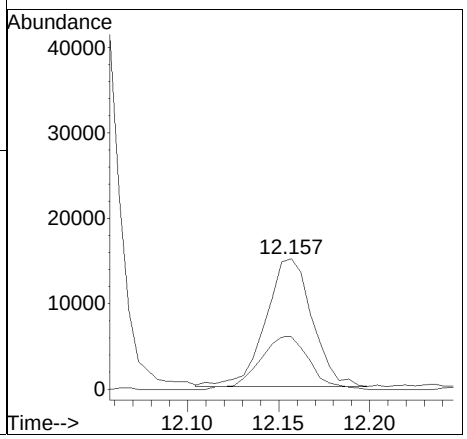


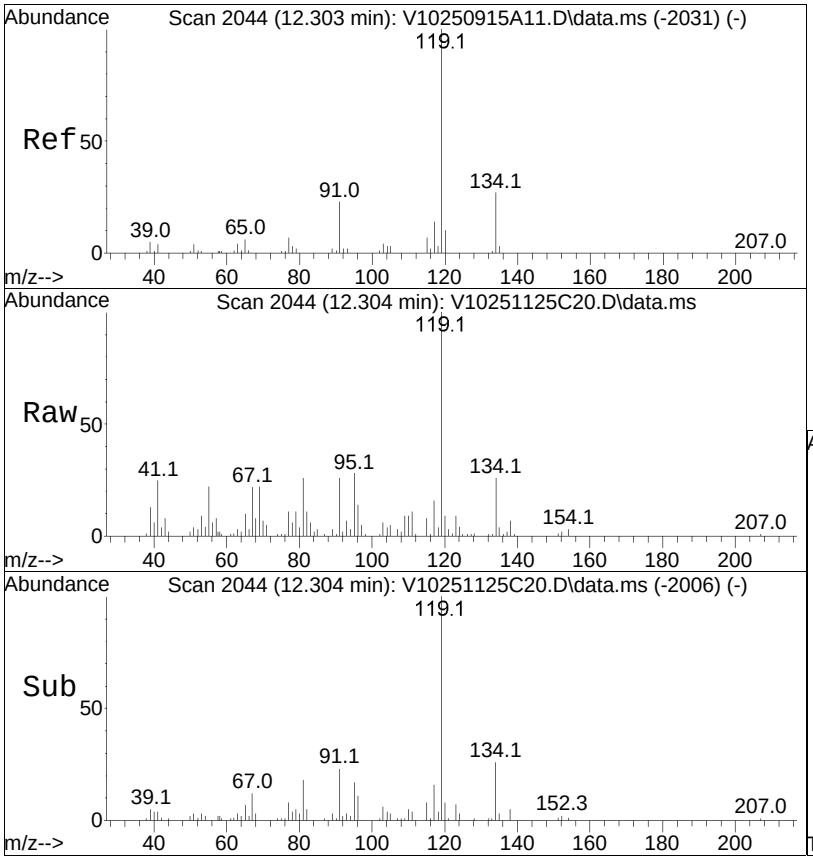


#98
sec-Butylbenzene
Concen: 1.87 ug/L
RT: 12.157 min Scan# 2016
Delta R.T. 0.000 min
Lab File: V10251125C20.D
Acq: 25 Nov 2025 10:40 pm

Tgt Ion:105 Resp: 26783

Ion	Ratio	Lower	Upper
105	100		
134	44.0	13.0	27.0#

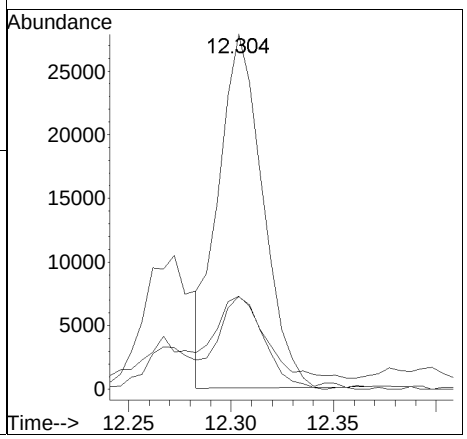


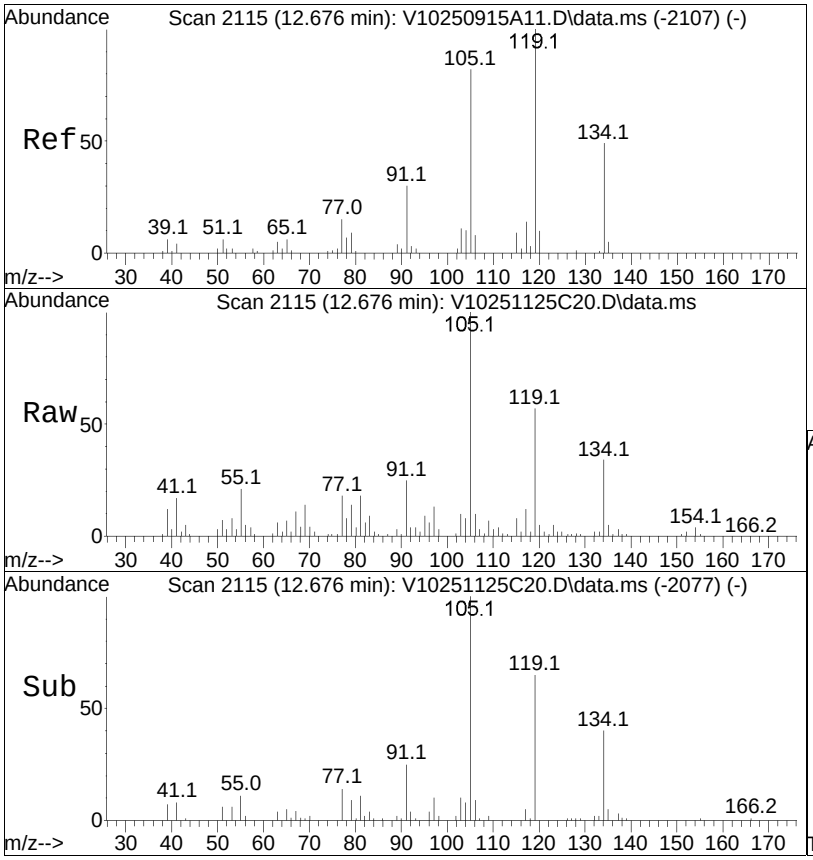


#99
p-Isopropyltoluene
Concen: 3.26 ug/L
RT: 12.304 min Scan# 2044
Delta R.T. 0.000 min
Lab File: V10251125C20.D
Acq: 25 Nov 2025 10:40 pm

Tgt Ion:119 Resp: 41964

Ion	Ratio	Lower	Upper
119	100		
134	27.4	16.7	34.7
91	25.3	15.1	31.3

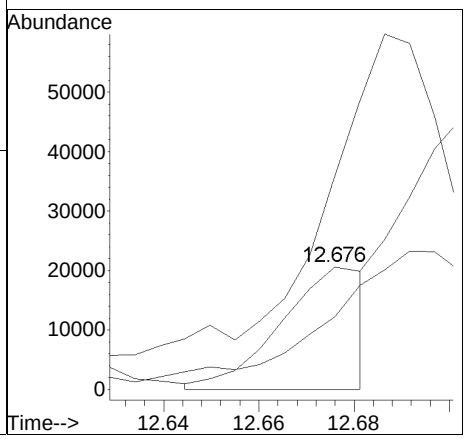


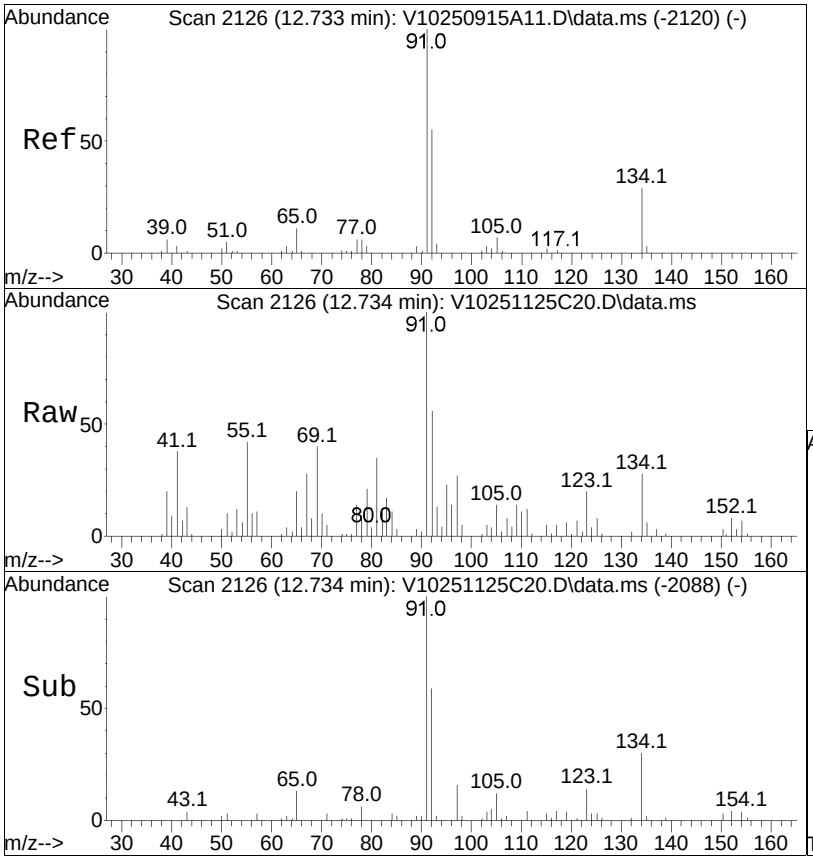


#102
p-Diethylbenzene
Concen: 3.28 ug/L M5
RT: 12.676 min Scan# 2115
Delta R.T. 0.000 min
Lab File: V10251125C20.D
Acq: 25 Nov 2025 10:40 pm

Tgt Ion:119 Resp: 25544

Ion	Ratio	Lower	Upper
119	100		
105	198.0	55.5	115.3#
134	85.5	30.4	63.0#

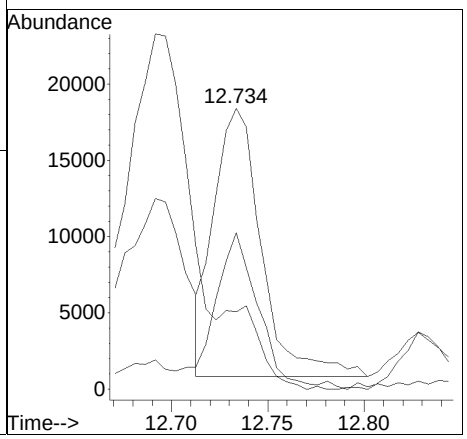


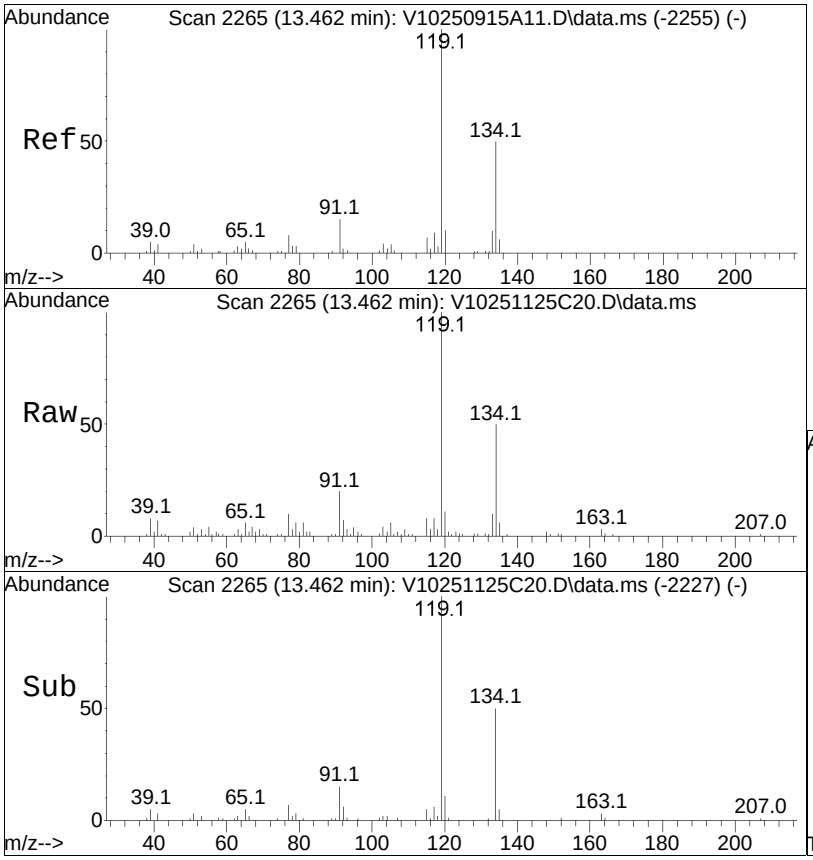


#103
n-Butylbenzene
Concen: 2.80 ug/L
RT: 12.734 min Scan# 2126
Delta R.T. 0.000 min
Lab File: V10251125C20.D
Acq: 25 Nov 2025 10:40 pm

Tgt Ion: 91 Resp: 30393

Ion	Ratio	Lower	Upper
91	100		
92	54.2	43.1	64.7
134	0.0	21.2	31.8#

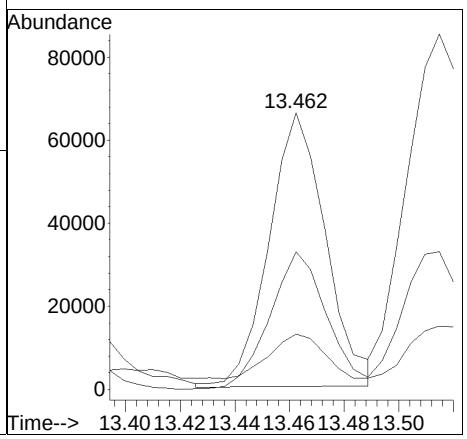


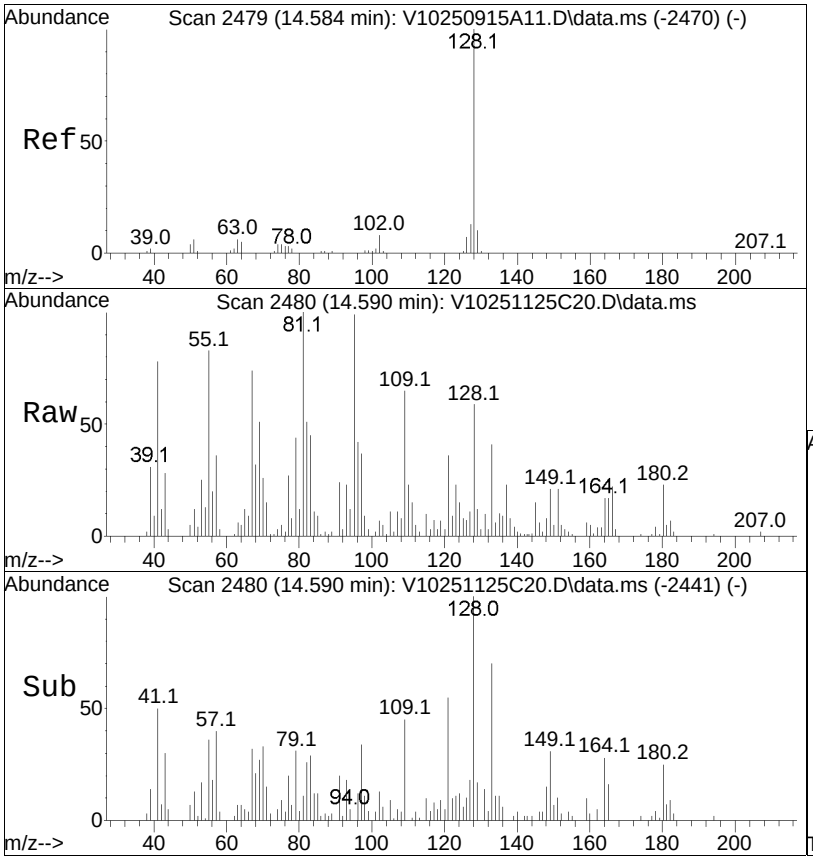


#105
1,2,4,5-Tetramethylbenzene
Concen: 7.63 ug/L
RT: 13.462 min Scan# 2265
Delta R.T. 0.000 min
Lab File: V10251125C20.D
Acq: 25 Nov 2025 10:40 pm

Tgt Ion:119 Resp: 94689

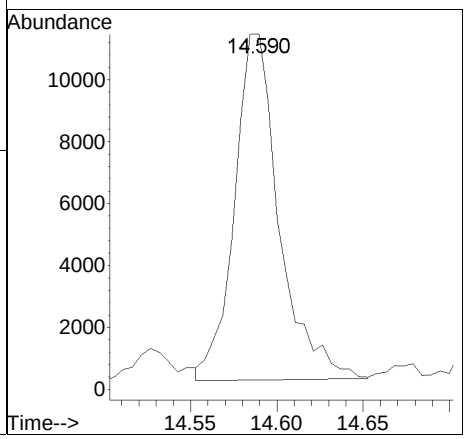
Ion	Ratio	Lower	Upper
119	100		
134	51.2	30.0	62.2
91	16.0	10.3	21.3





#110
Naphthalene
Concen: 1.63 ug/L
RT: 14.590 min Scan# 2480
Delta R.T. 0.005 min
Lab File: V10251125C20.D
Acq: 25 Nov 2025 10:40 pm

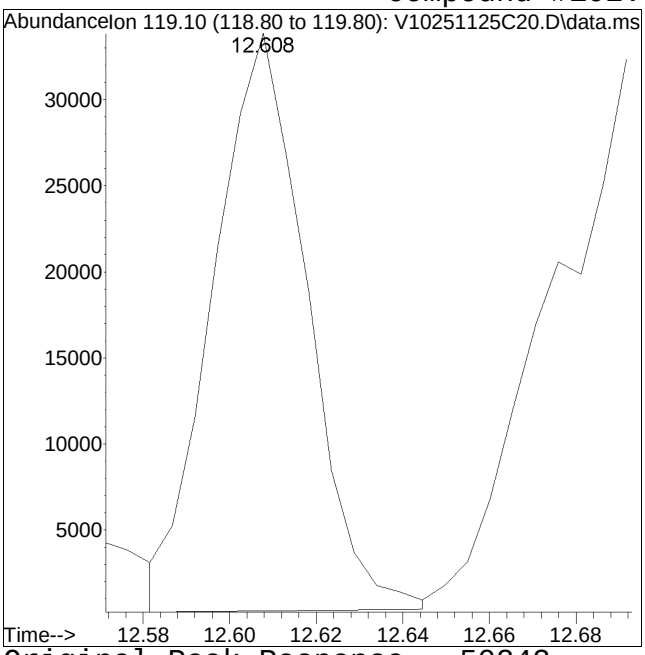
Tgt Ion:128 Resp: 20152



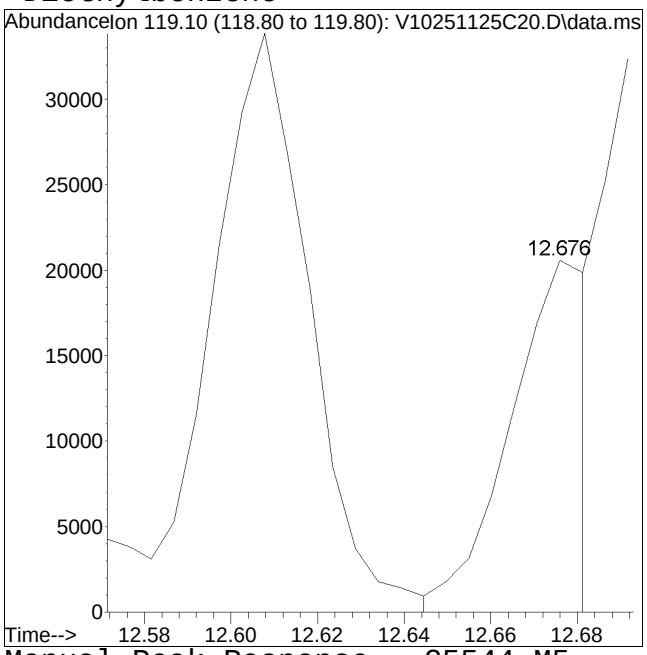
Manual Integration Report

Data Path : K:\VOA110\2025\251125C\ QMethod : V110_250915A_8260.m
Data File : V10251125C20.D Operator : VOA110:JIC
Date Inj'd : 11/25/2025 10:40 pm Instrument : VOA110
Sample : L2574258-04,31H,5.65,5,0.1Quant Date : 11/26/2025 6:52 am

Compound #102: p-Diethylbenzene



Original Peak Response = 50242



Manual Peak Response = 25544 M5

M5 = Manual integration over a retention time range required, i.e. for hydrocarbon range methods.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C24.D
Acq On : 26 Nov 2025 12:29 am
Operator : VOA110:JIC
Sample : L2574258-05D,31H,5.55,5,0.01,,A,29.81,35.86,0
Misc : WG2147004,ICAL22640
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 26 06:52:45 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-1,2,4-TMB - 1,2,4-Trimethylbenzene only

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.248	96	296880	20.000	ug/L	0.00
Standard Area 1 = 204110			Recovery = 145.45%			
59) Chlorobenzene-d5	9.808	117	216327	20.000	ug/L	0.00
Standard Area 1 = 167631			Recovery = 129.05%			
79) 1,4-Dichlorobenzene-d4	12.456	152	118526	20.000	ug/L	0.00
Standard Area 1 = 107503			Recovery = 110.25%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.425	113	67494	16.907	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 84.54%			
43) 1,2-Dichloroethane-d4	5.965	65	89272	21.894	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 109.47%			
60) Toluene-d8	7.947	98	292182	21.893	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 109.47%			
83) 4-Bromofluorobenzene	11.265	95	119099	23.963	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 119.82%			
Target Compounds						Qvalue
97) 1,2,4-Trimethylbenzene	12.041	105	2695936	211.704	ug/L	98

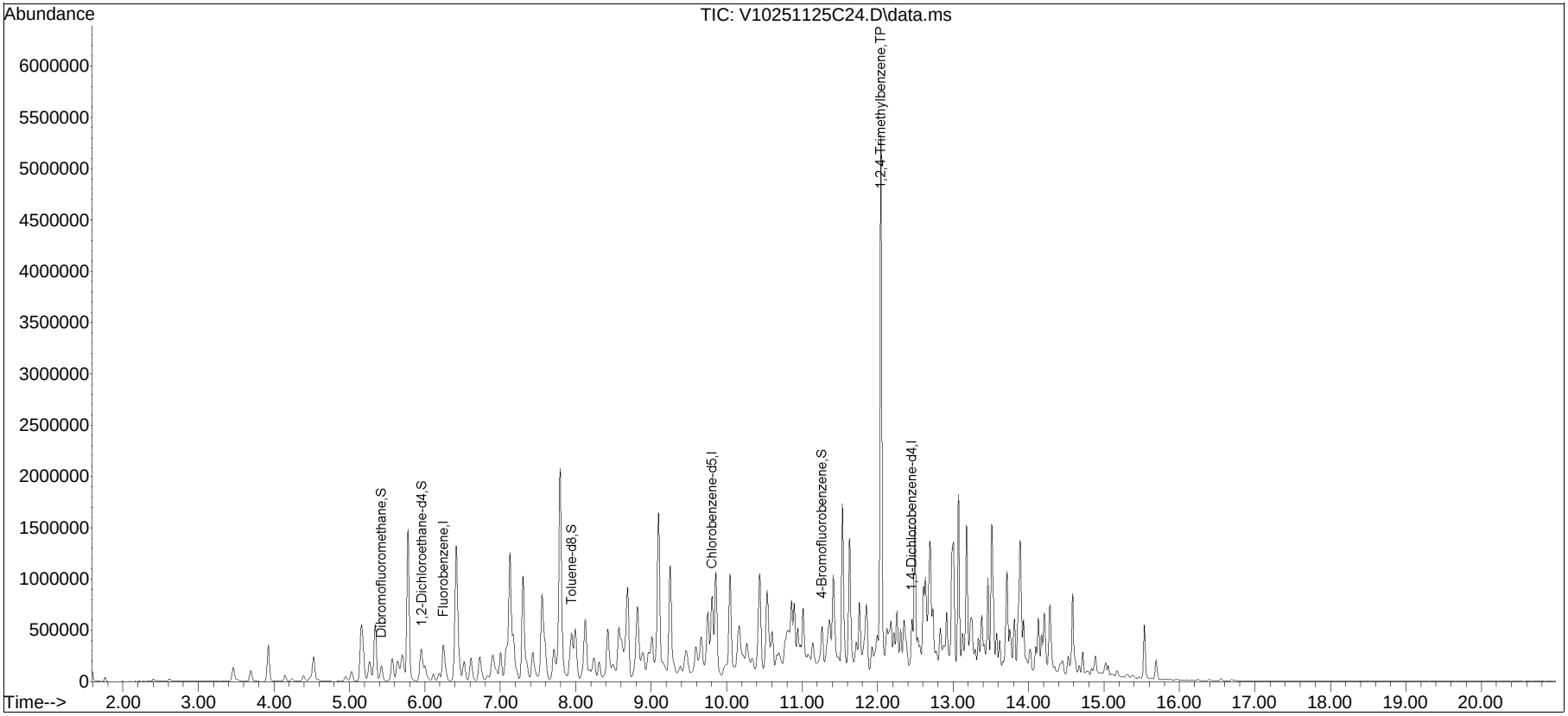
(#) = qualifier out of range (m) = manual integration (+) = signals summed

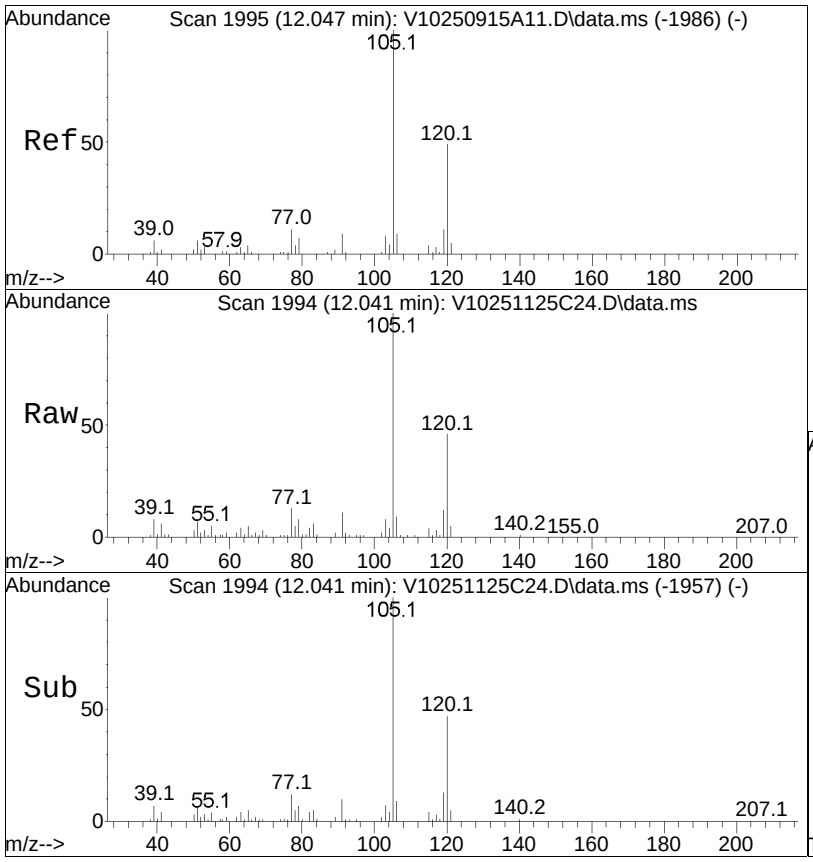
Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C24.D
Acq On : 26 Nov 2025 12:29 am
Operator : VOA110:JIC
Sample : L2574258-05D,31H,5.55,5,0.01,,A,29.81,35.86,0
Misc : WG2147004,ICAL22640
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 26 06:52:45 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

Sub List : 8260-1,2,4-TMB - 1,2,4-Trimethylbenzene only

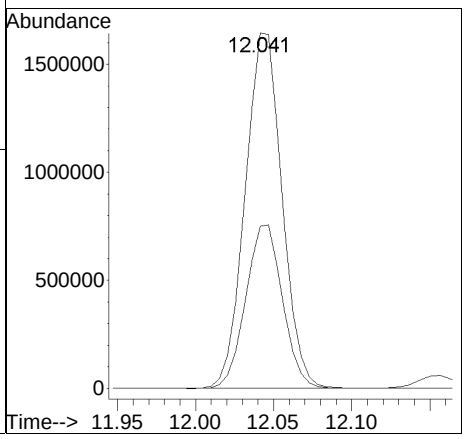




#97
1,2,4-Trimethylbenzene
Concen: 211.70 ug/L
RT: 12.041 min Scan# 1994
Delta R.T. -0.005 min
Lab File: V10251125C24.D
Acq: 26 Nov 2025 12:29 am

Tgt Ion:105 Resp: 2695936

Ion	Ratio	Lower	Upper
105	100		
120	45.9	37.8	56.6



Manual Integration Report

Data Path	: K:\VOA110\2025\251125C\	QMethod	: V110_250915A_8260.m
Data File	: V10251125C24.D	Operator	: VOA110:JIC
Date Inj'd	: 11/26/2025 12:29 am	Instrument	: VOA110
Sample	: L2574258-05D,31H,5.55,5,0.	Quant Date	: 11/26/2025 6:52 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C05.D
Acq On : 25 Nov 2025 3:50 pm
Operator : VOA110:JIC
Sample : L2574258-01,31,5.0,5,,B
Misc : WG2147003,ICAL22640
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 06:49:21 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.248	96	177202	20.000	ug/L	0.00
Standard Area 1 = 204110			Recovery = 86.82%			
59) Chlorobenzene-d5	9.808	117	140349	20.000	ug/L	0.00
Standard Area 1 = 167631			Recovery = 83.72%			
79) 1,4-Dichlorobenzene-d4	12.456	152	75206	20.000	ug/L	0.00
Standard Area 1 = 107503			Recovery = 69.96%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.425	113	54168	22.734	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 113.67%			
43) 1,2-Dichloroethane-d4	5.965	65	64821	26.635	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 133.18%#			
60) Toluene-d8	7.947	98	160319	18.516	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.58%			
83) 4-Bromofluorobenzene	11.271	95	62566	19.839	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.19%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.959	50	82	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.368	94	467	0.186	ug/L	93
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	3.076	96	51	N.D.		
11) Carbon disulfide	3.175	76	220	N.D.		
15) Methylene chloride	3.694	84	951	0.389	ug/L	84
17) Acetone	3.752	43	1516	Below Cal		97
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	4.502	53	57	N.D.		
27) Vinyl acetate	4.544	43	72	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	5.246	83	1312	0.328	ug/L #	92

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C05.D
Acq On : 25 Nov 2025 3:50 pm
Operator : VOA110:JIC
Sample : L2574258-01,31,5.0,5,,B
Misc : WG2147003,ICAL22640
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 06:49:21 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.834	78	71		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.886	91	57		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	10.059	106	58		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	10.673	173	48		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.276	91	50		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	11.538	105	48		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	11.549	105	48		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C05.D
Acq On : 25 Nov 2025 3:50 pm
Operator : VOA110:JIC
Sample : L2574258-01,31,5.0,5,,B
Misc : WG2147003,ICAL22640
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 06:49:21 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.057	105	56		N.D.	
98) sec-Butylbenzene	12.057	105	56		N.D.	
99) p-Isopropyltoluene	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	0.000		0		N.D.	
101) 1,4-Dichlorobenzene	0.000		0		N.D.	
102) p-Diethylbenzene	0.000		0		N.D.	
103) n-Butylbenzene	0.000		0		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	13.462	119	88		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
110) Naphthalene	14.589	128	505		N.D.	
111) 1,2,3-Trichlorobenzene	14.757	180	83		N.D.	

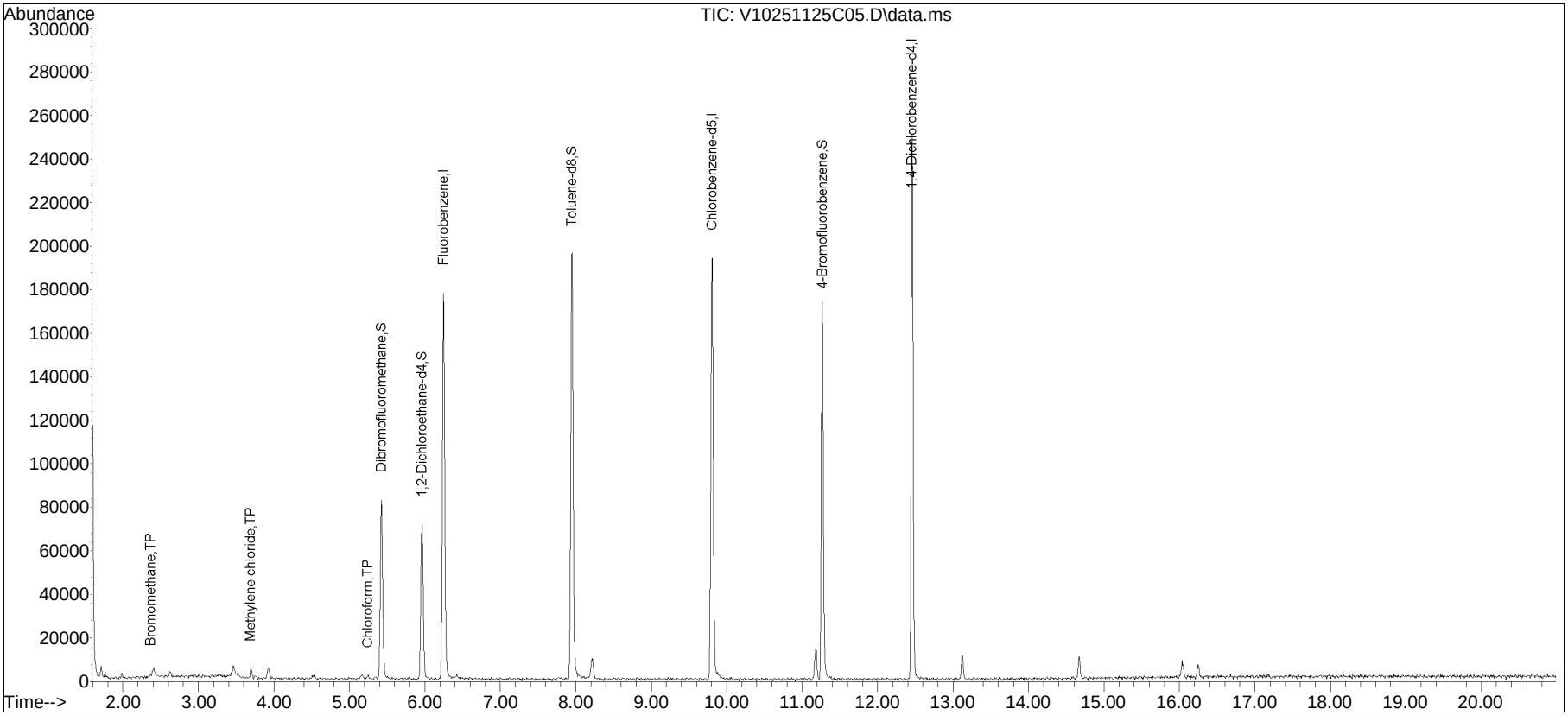
(#) = qualifier out of range (m) = manual integration (+) = signals summed

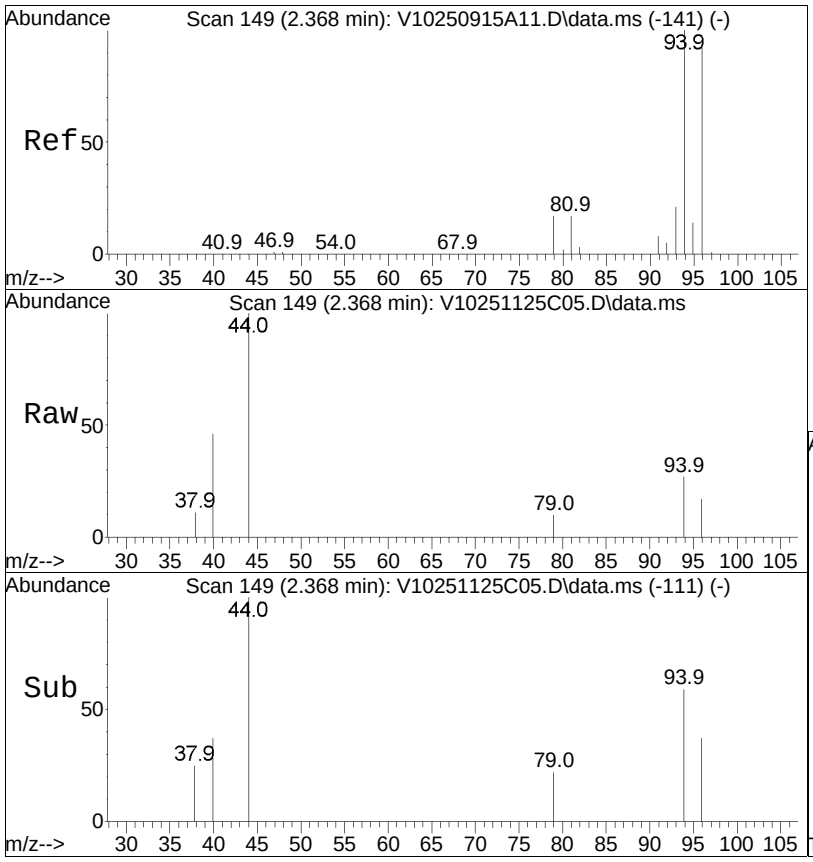
Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C05.D
Acq On : 25 Nov 2025 3:50 pm
Operator : VOA110:JIC
Sample : L2574258-01,31,5.0,5,,B
Misc : WG2147003,ICAL22640
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 06:49:21 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251125C01.D•

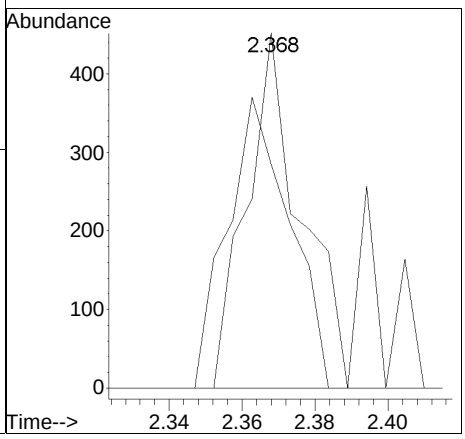


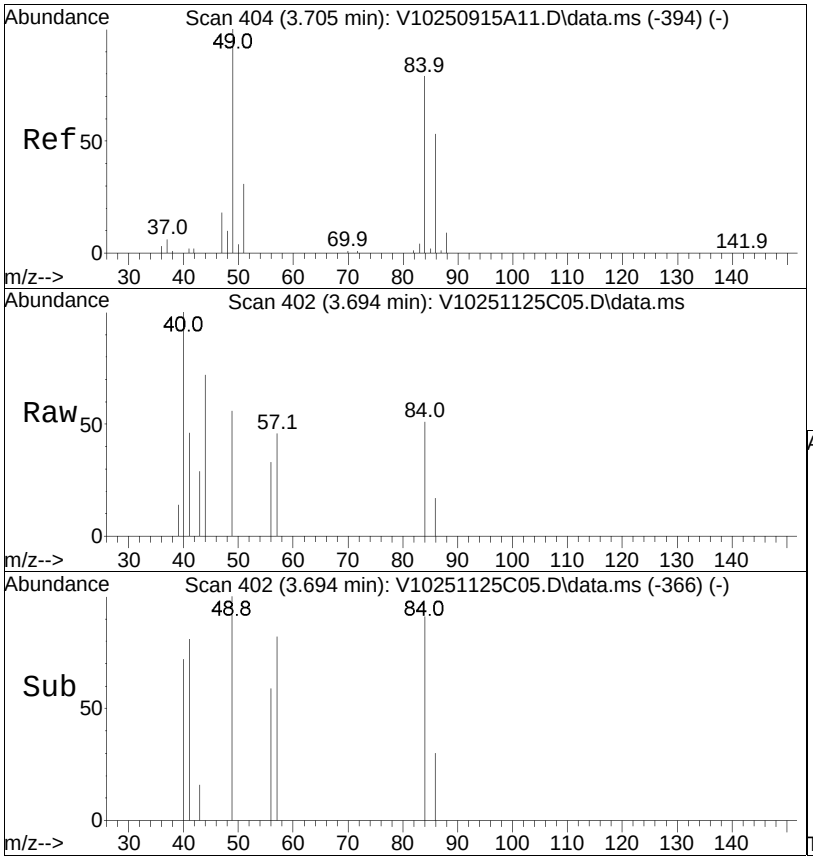


#5
Bromomethane
Concen: 0.19 ug/L
RT: 2.368 min Scan# 149
Delta R.T. 0.000 min
Lab File: V10251125C05.D
Acq: 25 Nov 2025 3:50 pm

Tgt Ion: 94 Resp: 467

Ion	Ratio	Lower	Upper
94	100		
96	94.2	67.4	107.4

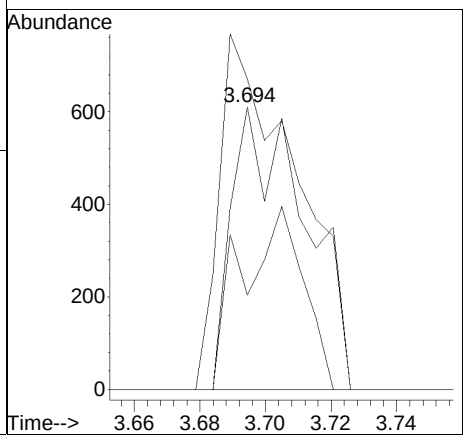


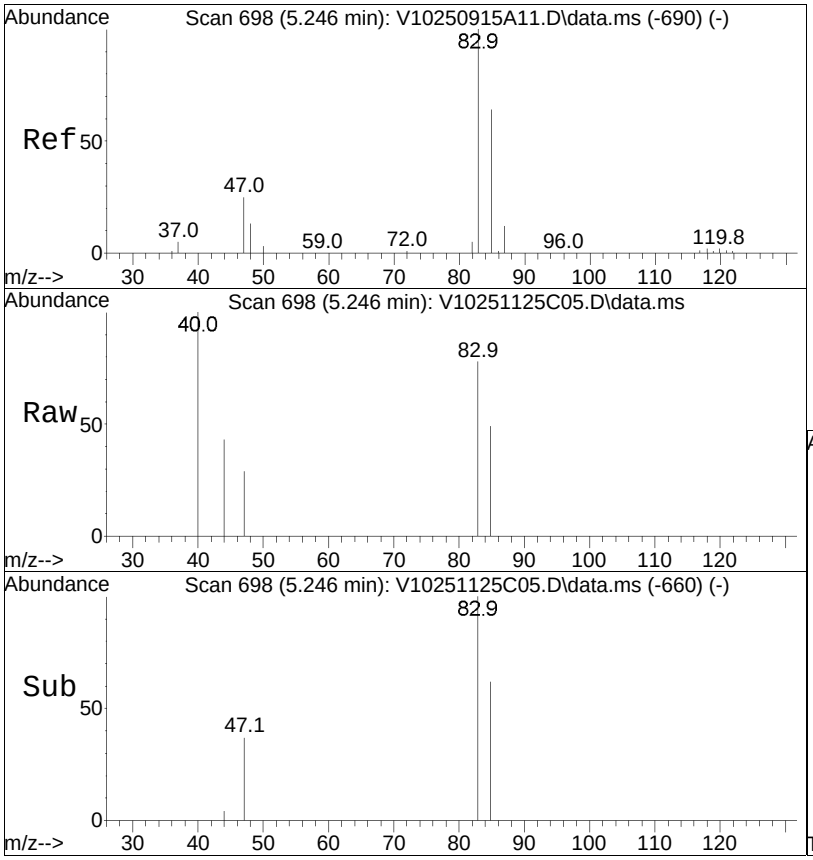


#15
Methylene chloride
Concen: 0.39 ug/L
RT: 3.694 min Scan# 402
Delta R.T. -0.010 min
Lab File: V10251125C05.D
Acq: 25 Nov 2025 3:50 pm

Tgt Ion: 84 Resp: 951

Ion	Ratio	Lower	Upper
84	100		
86	54.0	41.5	86.3
49	130.7	99.3	206.1

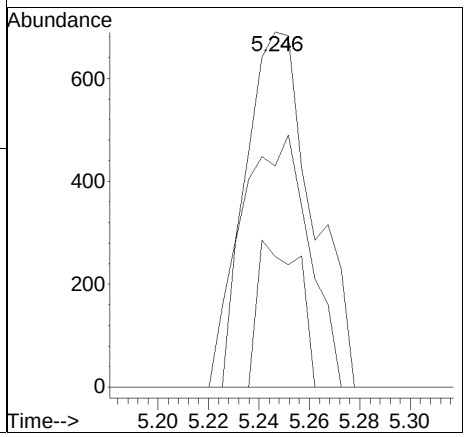




#32
Chloroform
Concen: 0.33 ug/L
RT: 5.246 min Scan# 698
Delta R.T. 0.000 min
Lab File: V10251125C05.D
Acq: 25 Nov 2025 3:50 pm

Tgt Ion: 83 Resp: 1312

Ion	Ratio	Lower	Upper
83	100		
85	66.6	41.9	87.1
47	24.8	18.4	38.2
48	0.0	9.4	19.4#



Manual Integration Report

Data Path	: K:\VOA110\2025\251125C\	QMethod	: V110_250915A_8260.m
Data File	: V10251125C05.D	Operator	: VOA110:JIC
Date Inj'd	: 11/25/2025 3:50 pm	Instrument	: VOA110
Sample	: L2574258-01,31,5.0,5,,B	Quant Date	: 11/26/2025 6:49 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C07.D
Acq On : 25 Nov 2025 4:44 pm
Operator : VOA110:JIC
Sample : L2574258-06,31,5.71,5,,B,32.36,38.32,0.25
Misc : WG2147003,ICAL22640
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 26 13:53:08 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.248	96	202922	20.000	ug/L	0.00
Standard Area 1 = 204110			Recovery = 99.42%			
59) Chlorobenzene-d5	9.803	117	178036	20.000	ug/L	0.00
Standard Area 1 = 167631			Recovery = 106.21%			
79) 1,4-Dichlorobenzene-d4	12.461	152	101896	20.000	ug/L	0.00
Standard Area 1 = 107503			Recovery = 94.78%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.425	113	55018	20.164	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.82%			
43) 1,2-Dichloroethane-d4	5.959	65	69950	25.099	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 125.50%			
60) Toluene-d8	7.952	98	216879	19.746	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.73%			
83) 4-Bromofluorobenzene	11.265	95	89944	21.050	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.25%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.964	50	48	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.363	94	287	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	3.285	96	73	N.D.		
11) Carbon disulfide	3.170	76	9887	1.017	ug/L	98
15) Methylene chloride	3.694	84	549	0.196	ug/L #	52
17) Acetone	3.757	43	5867	4.079	ug/L #	43
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	4.518	63	134	N.D.		
25) Acrylonitrile	0.000		0	N.D. d		
27) Vinyl acetate	0.000		0	N.D. d		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	5.031	77	310	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	5.257	83	2285	0.498	ug/L #	79

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C07.D
Acq On : 25 Nov 2025 4:44 pm
Operator : VOA110:JIC
Sample : L2574258-06,31,5.71,5,,B,32.36,38.32,0.25
Misc : WG2147003,ICAL22640
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 26 13:53:08 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.	d	
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	5.828	78	178	N.D.		
44) 1,2-Dichloroethane	5.954	62	49	N.D.		
48) Trichloroethene	0.000		0	N.D.	d	
50) Dibromomethane	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	7.003	63	67	N.D.		
54) Bromodichloromethane	0.000		0	N.D.	d	
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.999	92	387	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d	
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.	d	
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	9.834	112	50	N.D.		
74) Ethylbenzene	9.860	91	10124	0.788	ug/L	98
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	10.059	106	3401	0.661	ug/L	81
77) o Xylene	10.573	106	69	N.D.		
78) Styrene	10.662	104	61	N.D.		
80) Bromoform	10.668	173	60	N.D.		
82) Isopropylbenzene	10.951	105	8776	0.689	ug/L	97
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	11.417	91	16358	1.111	ug/L	99
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d	
88) 4-Ethyltoluene	11.538	105	13354	1.027	ug/L	98
89) 2-Chlorotoluene	0.000		0	N.D.	d	
90) 1,3,5-Trimethylbenzene	11.632	105	9584	0.864	ug/L	98
91) 1,2,3-Trichloropropane	11.632	75	50	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
93) 4-Chlorotoluene	11.816	91	664	N.D.		
94) tert-Butylbenzene	11.963	119	1281	0.134	ug/L #	65

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C07.D
Acq On : 25 Nov 2025 4:44 pm
Operator : VOA110:JIC
Sample : L2574258-06,31,5.71,5,,B,32.36,38.32,0.25
Misc : WG2147003,ICAL22640
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 26 13:53:08 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	12.047	105	34091	3.114	ug/L	97
98)	sec-Butylbenzene	12.157	105	12535	0.904	ug/L #	65
99)	p-Isopropyltoluene	12.303	119	5899	0.474	ug/L #	84
100)	1,3-Dichlorobenzene	12.476	146	253	N.D.		
101)	1,4-Dichlorobenzene	12.476	146	253	N.D.		
102)	p-Diethylbenzene	12.681	119	4487M3	0.596	ug/L	
103)	n-Butylbenzene	12.733	91	6463	0.615	ug/L #	86
104)	1,2-Dichlorobenzene	12.891	146	54	N.D.		
105)	1,2,4,5-Tetramethylben...	13.462	119	14969M3	1.248	ug/L	
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108)	Hexachlorobutadiene	0.000		0	N.D.		
109)	1,2,4-Trichlorobenzene	0.000		0	N.D.	d	
110)	Naphthalene	14.584	128	10386	0.870	ug/L	100
111)	1,2,3-Trichlorobenzene	0.000		0	N.D.	d	

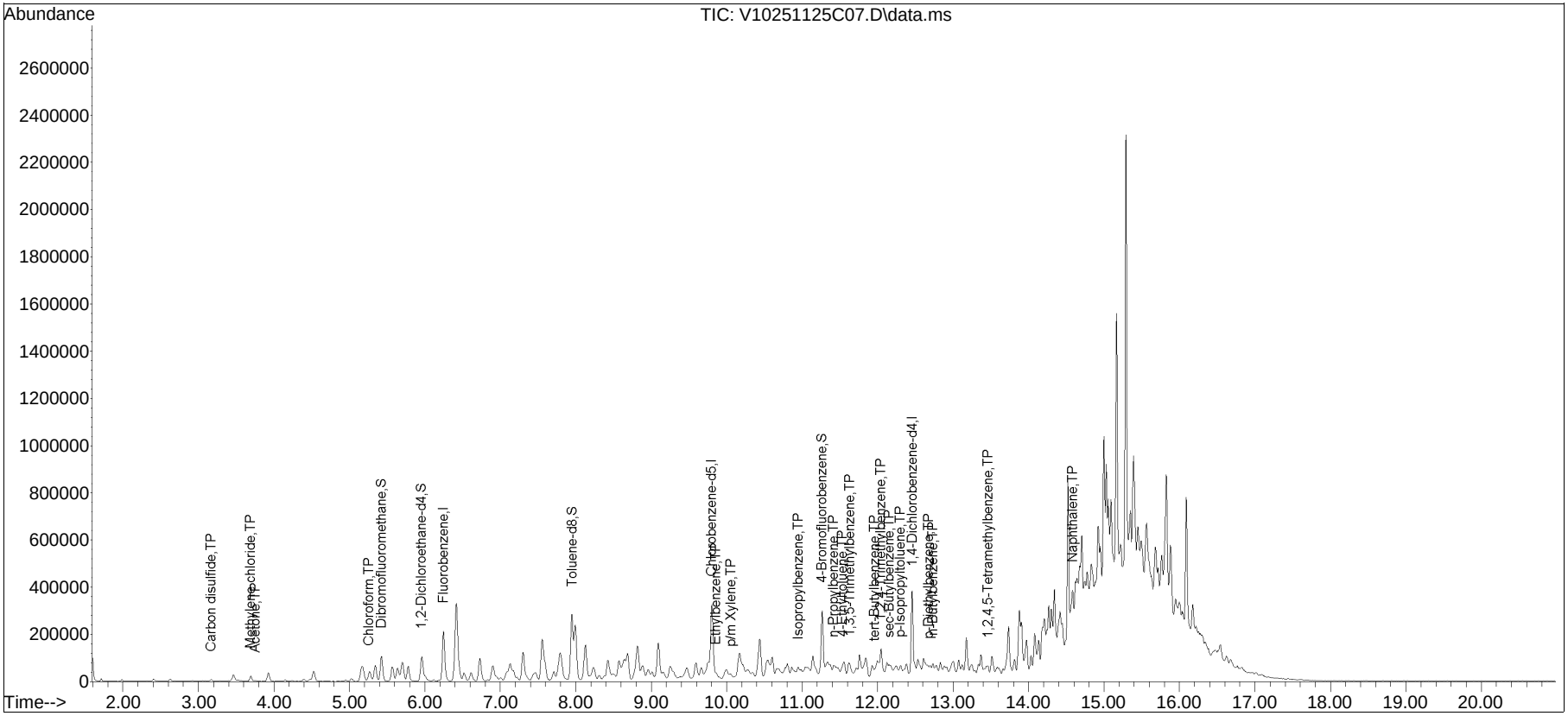
(#) = qualifier out of range (m) = manual integration (+) = signals summed

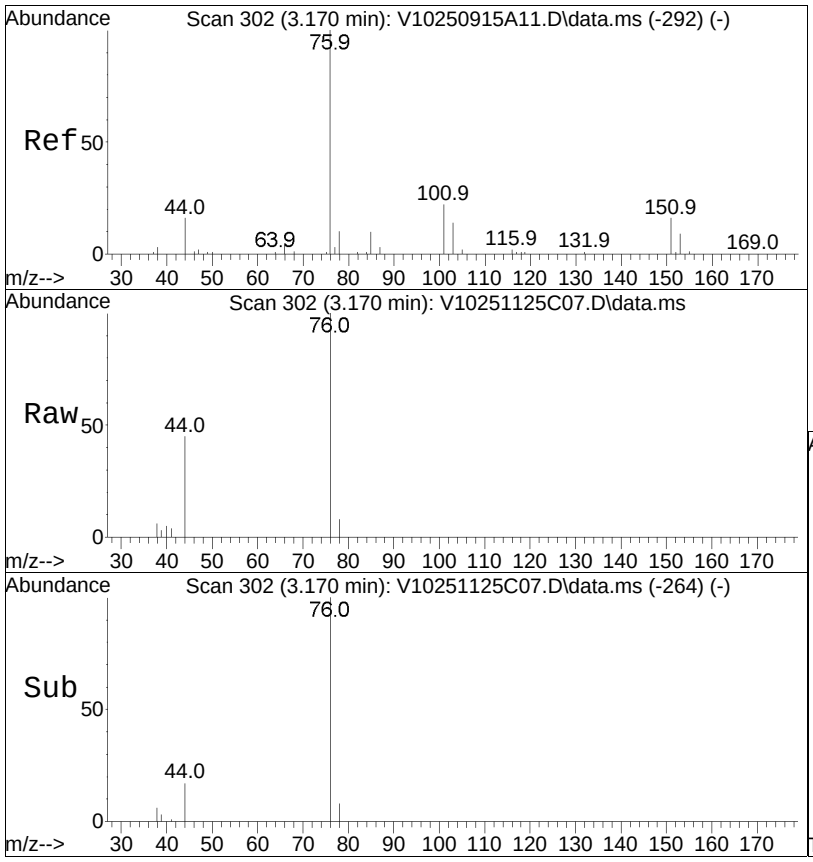
Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C07.D
Acq On : 25 Nov 2025 4:44 pm
Operator : VOA110:JIC
Sample : L2574258-06,31,5.71,5,,B,32.36,38.32,0.25
Misc : WG2147003,ICAL22640
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 26 13:53:08 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251125C01.D•

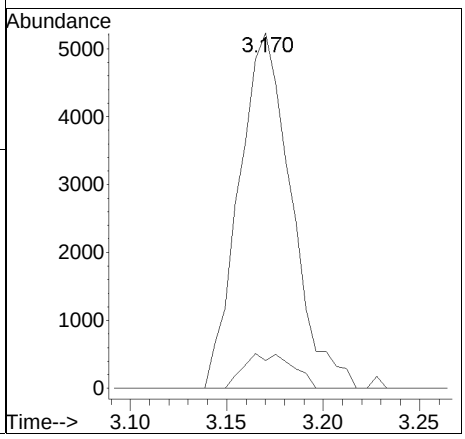


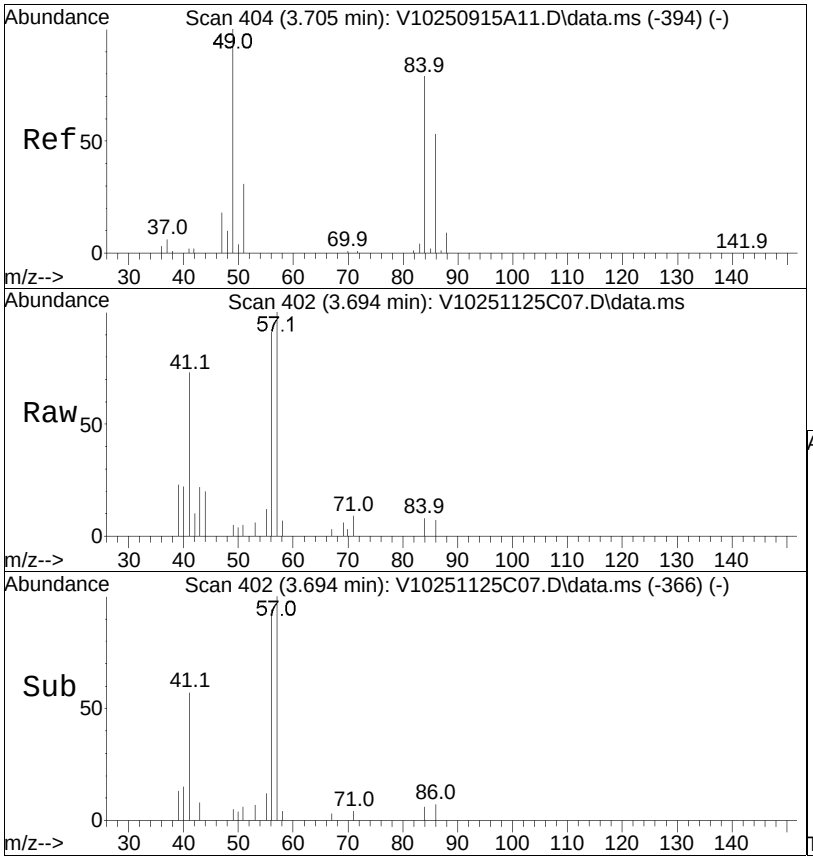


#11
Carbon disulfide
Concen: 1.02 ug/L
RT: 3.170 min Scan# 302
Delta R.T. -0.000 min
Lab File: V10251125C07.D
Acq: 25 Nov 2025 4:44 pm

Tgt Ion: 76 Resp: 9887

Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.4	13.2

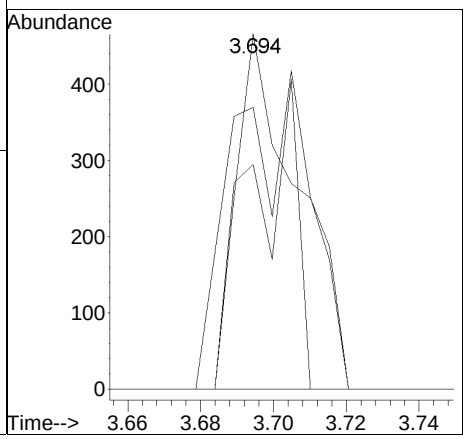


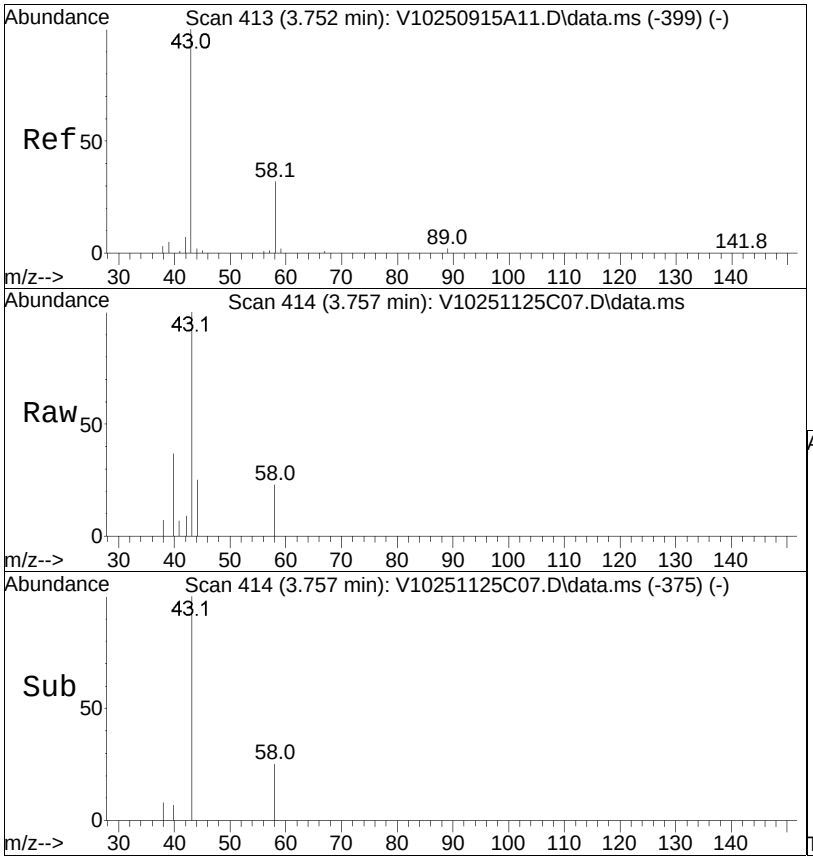


#15
Methylene chloride
Concen: 0.20 ug/L
RT: 3.694 min Scan# 402
Delta R.T. -0.011 min
Lab File: V10251125C07.D
Acq: 25 Nov 2025 4:44 pm

Tgt Ion: 84 Resp: 549

Ion	Ratio	Lower	Upper
84	100		
86	65.0	41.5	86.3
49	65.6	99.3	206.1#

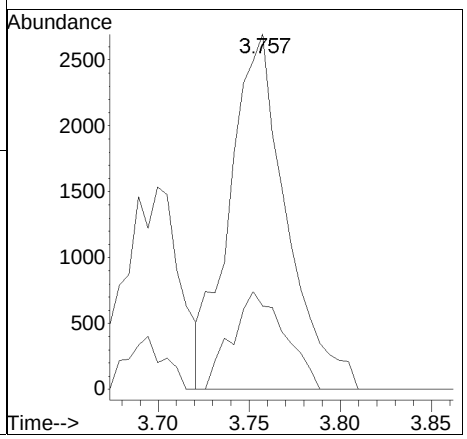


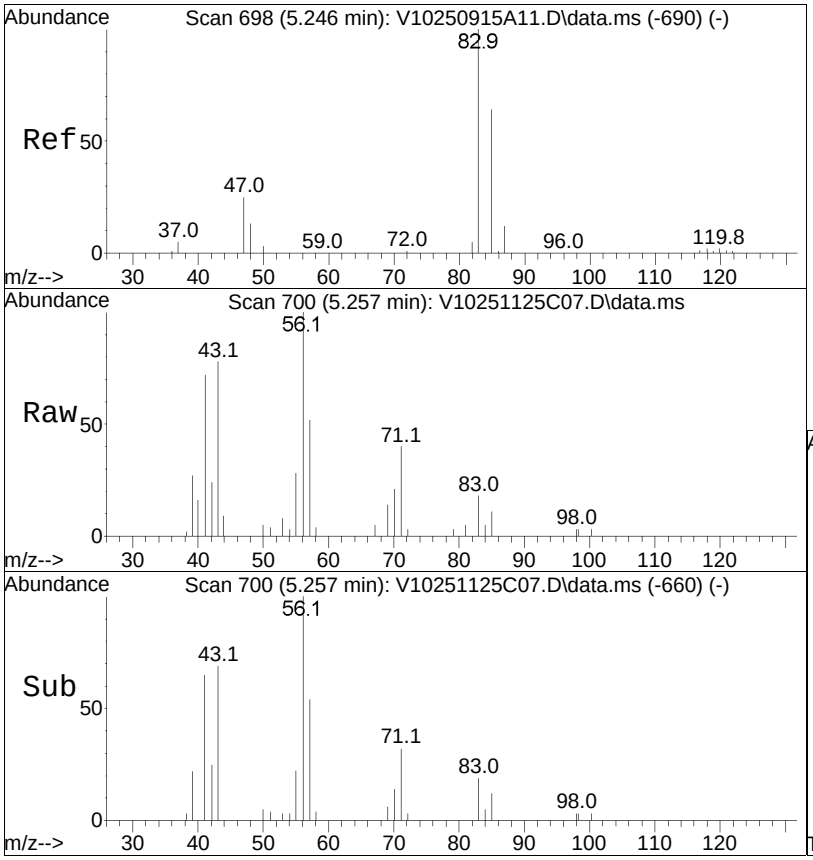


#17
Acetone
Concen: 4.08 ug/L
RT: 3.757 min Scan# 414
Delta R.T. 0.005 min
Lab File: V10251125C07.D
Acq: 25 Nov 2025 4:44 pm

Tgt Ion: 43 Resp: 5867

Ion	Ratio	Lower	Upper
43	100		
58	25.5	5.0	7.6#

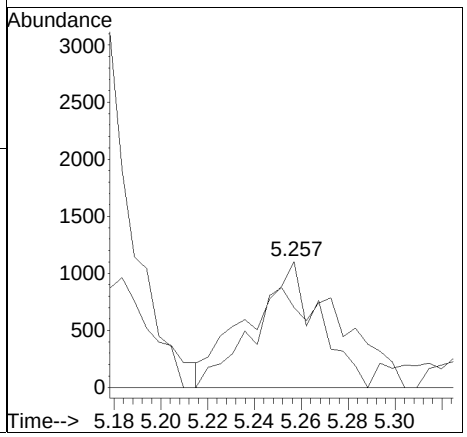


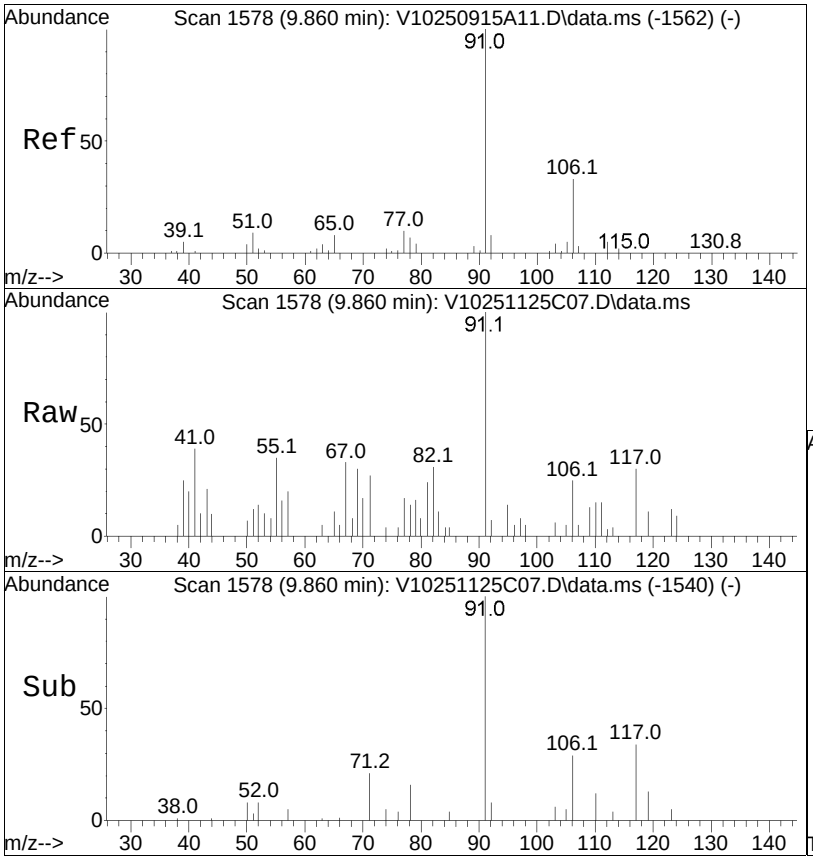


#32
Chloroform
Concen: 0.50 ug/L
RT: 5.257 min Scan# 700
Delta R.T. 0.010 min
Lab File: V10251125C07.D
Acq: 25 Nov 2025 4:44 pm

Tgt Ion: 83 Resp: 2285

Ion	Ratio	Lower	Upper
83	100		
85	62.2	41.9	87.1
47	0.0	18.4	38.2#
48	0.0	9.4	19.4#

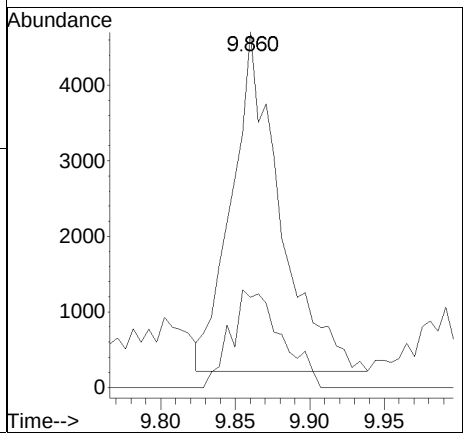


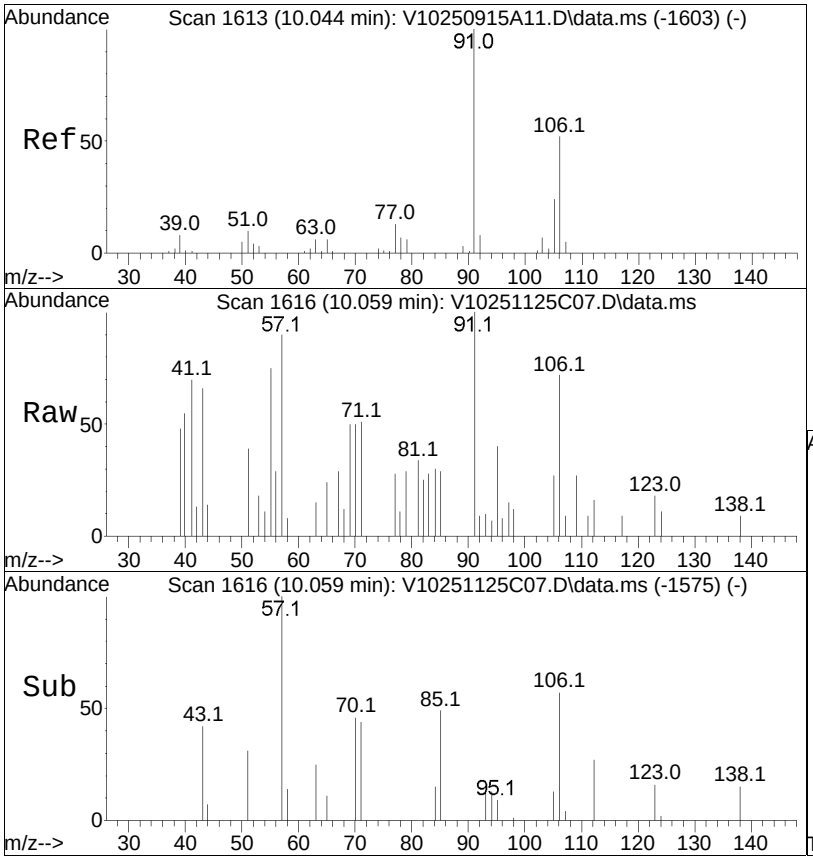


#74
Ethylbenzene
Concen: 0.79 ug/L
RT: 9.860 min Scan# 1578
Delta R.T. -0.000 min
Lab File: V10251125C07.D
Acq: 25 Nov 2025 4:44 pm

Tgt Ion: 91 Resp: 10124

Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.7	37.1

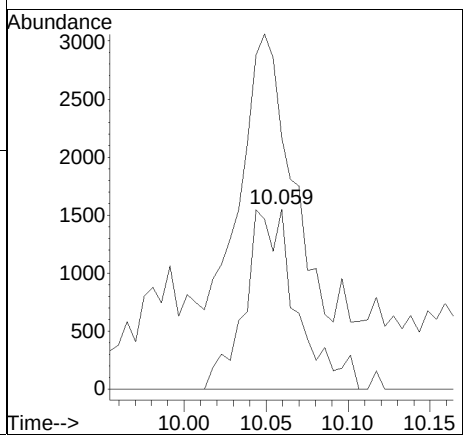


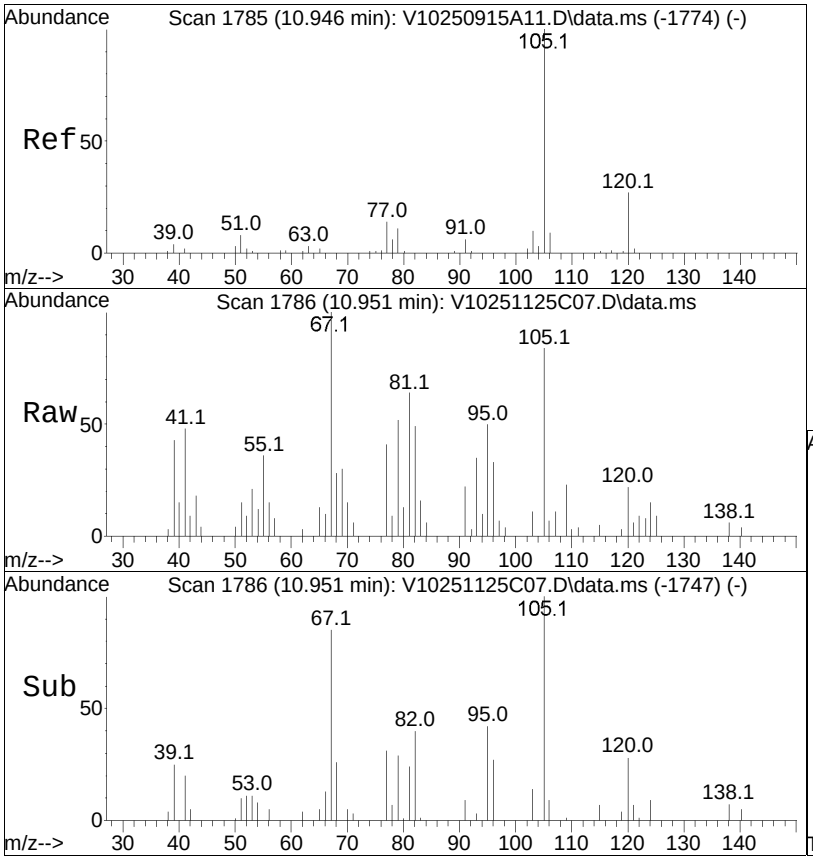


#76
p/m Xylene
Concen: 0.66 ug/L
RT: 10.059 min Scan# 1616
Delta R.T. 0.016 min
Lab File: V10251125C07.D
Acq: 25 Nov 2025 4:44 pm

Tgt Ion:106 Resp: 3401

Ion	Ratio	Lower	Upper
106	100		
91	169.2	158.2	237.2

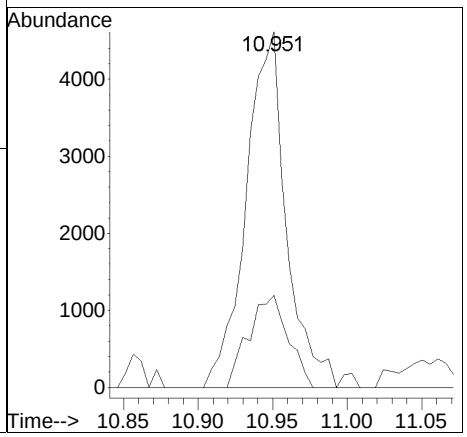


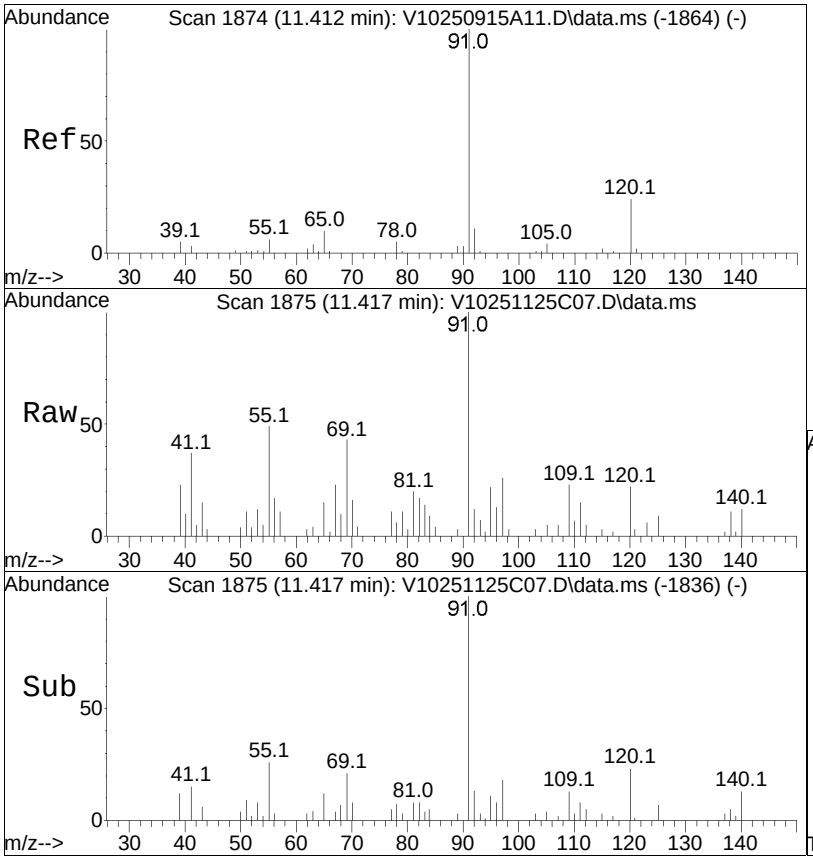


#82
Isopropylbenzene
Concen: 0.69 ug/L
RT: 10.951 min Scan# 1786
Delta R.T. 0.005 min
Lab File: V10251125C07.D
Acq: 25 Nov 2025 4:44 pm

Tgt Ion:105 Resp: 8776

Ion	Ratio	Lower	Upper
105	100		
120	25.1	6.7	46.7

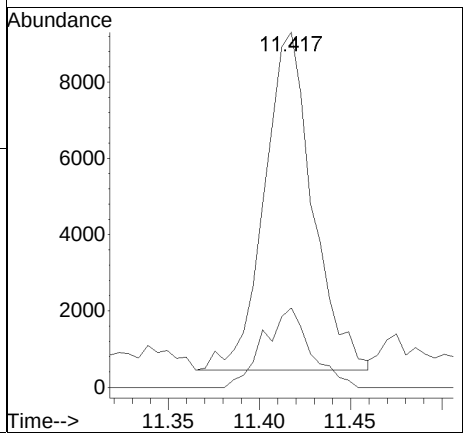


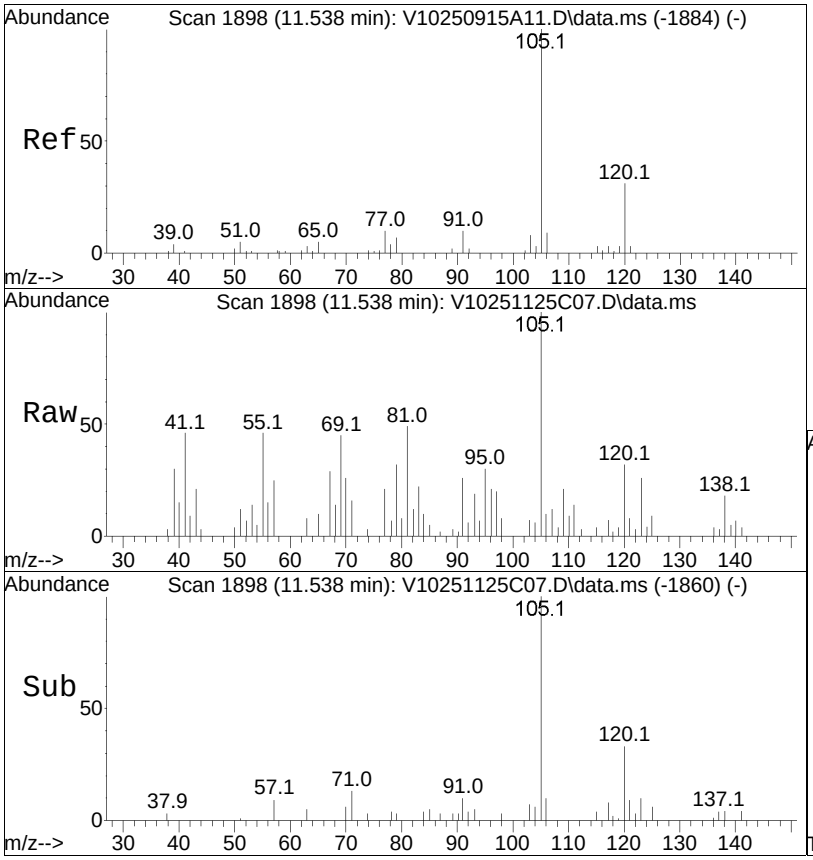


#85
n-Propylbenzene
Concen: 1.11 ug/L
RT: 11.417 min Scan# 1875
Delta R.T. 0.005 min
Lab File: V10251125C07.D
Acq: 25 Nov 2025 4:44 pm

Tgt Ion: 91 Resp: 16358

Ion	Ratio	Lower	Upper
91	100		
120	23.0	18.7	28.1

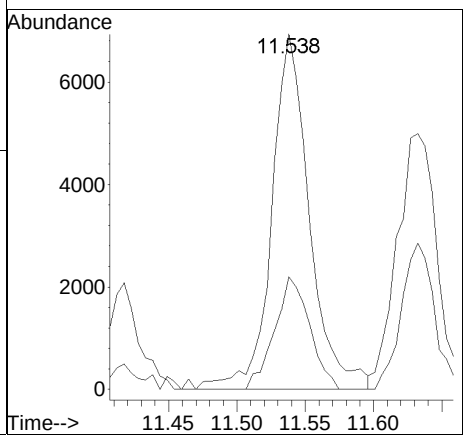


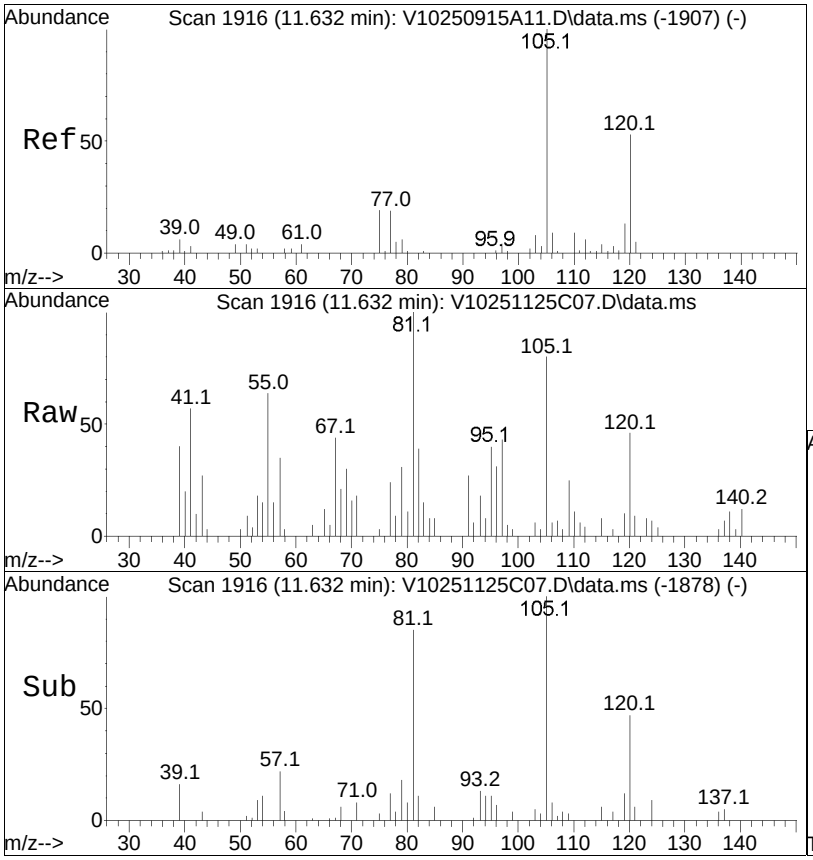


#88
4-Ethyltoluene
Concen: 1.03 ug/L
RT: 11.538 min Scan# 1898
Delta R.T. -0.000 min
Lab File: V10251125C07.D
Acq: 25 Nov 2025 4:44 pm

Tgt Ion:105 Resp: 13354

Ion	Ratio	Lower	Upper
105	100		
120	29.5	19.8	41.2

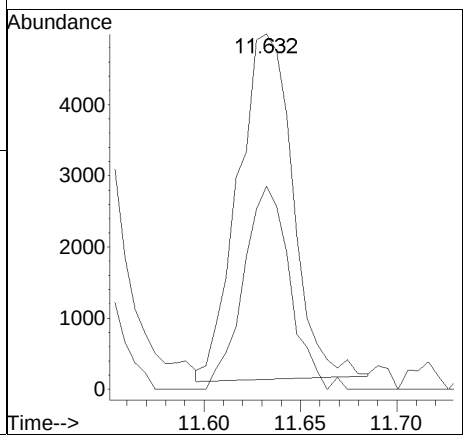


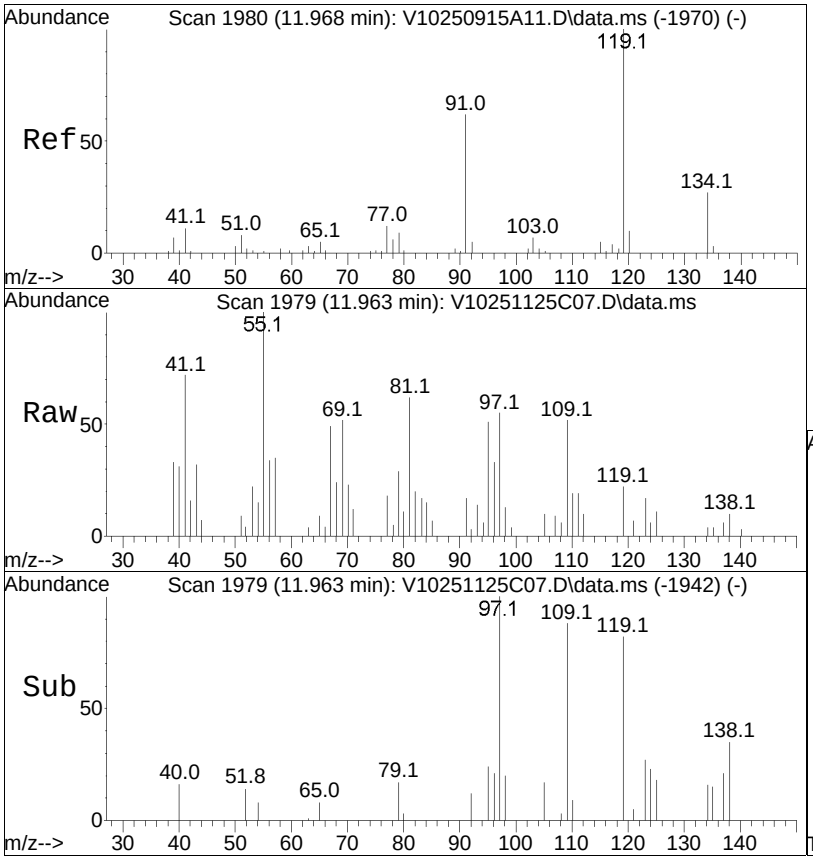


#90
1,3,5-Trimethylbenzene
Concen: 0.86 ug/L
RT: 11.632 min Scan# 1916
Delta R.T. -0.000 min
Lab File: V10251125C07.D
Acq: 25 Nov 2025 4:44 pm

Tgt Ion:105 Resp: 9584

Ion	Ratio	Lower	Upper
105	100		
120	50.0	41.0	61.4

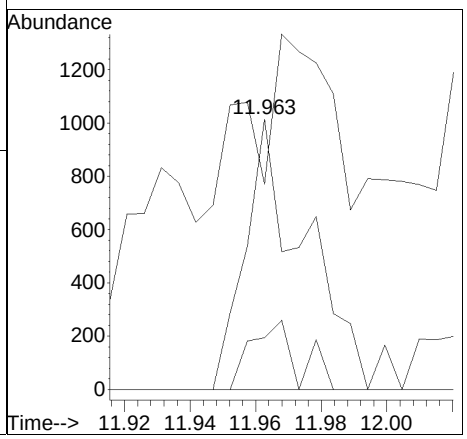


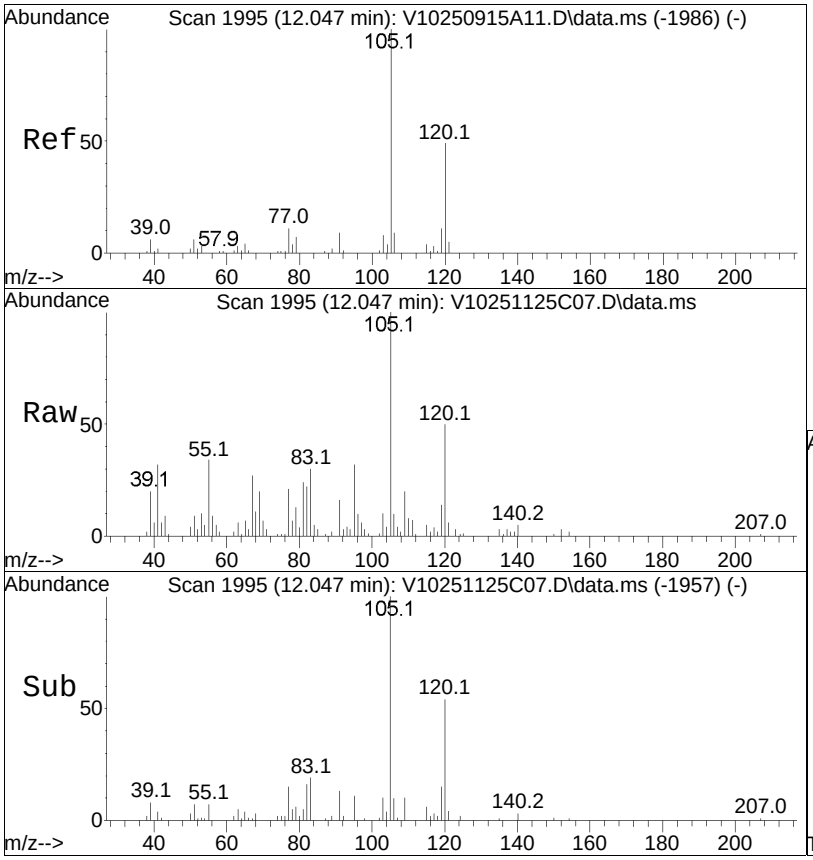


#94
tert-Butylbenzene
Concen: 0.13 ug/L
RT: 11.963 min Scan# 1979
Delta R.T. -0.005 min
Lab File: V10251125C07.D
Acq: 25 Nov 2025 4:44 pm

Tgt Ion:119 Resp: 1281

Ion	Ratio	Lower	Upper
119	100		
91	95.6	49.0	73.4#
134	20.2	20.0	30.0

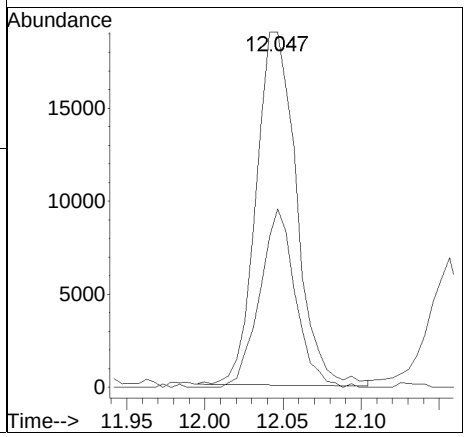


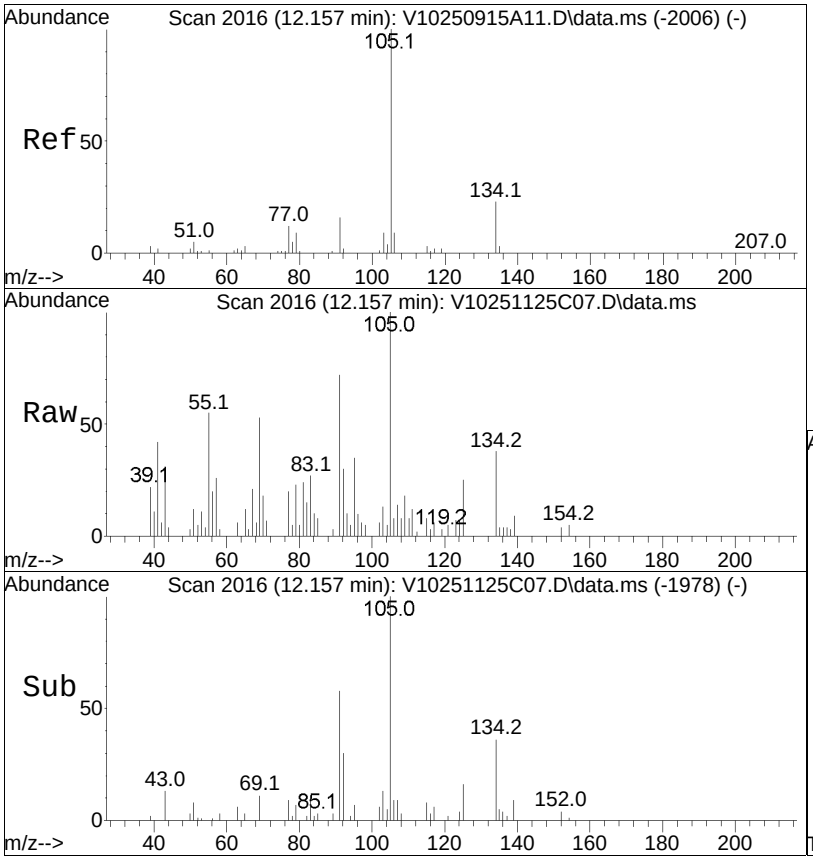


#97
1,2,4-Trimethylbenzene
Concen: 3.11 ug/L
RT: 12.047 min Scan# 1995
Delta R.T. -0.000 min
Lab File: V10251125C07.D
Acq: 25 Nov 2025 4:44 pm

Tgt Ion:105 Resp: 34091

Ion	Ratio	Lower	Upper
105	100		
120	44.9	37.8	56.6

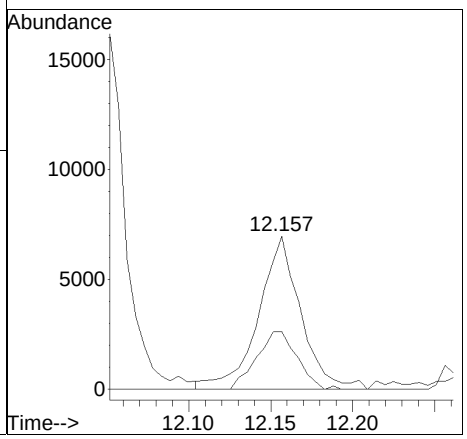


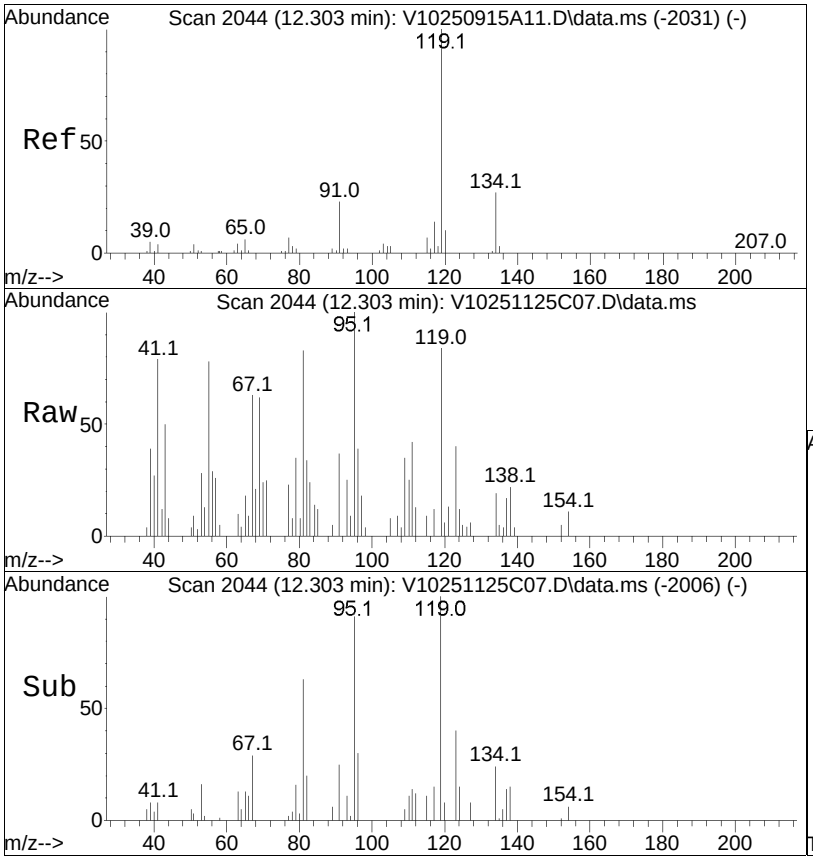


#98
sec-Butylbenzene
Concen: 0.90 ug/L
RT: 12.157 min Scan# 2016
Delta R.T. -0.000 min
Lab File: V10251125C07.D
Acq: 25 Nov 2025 4:44 pm

Tgt Ion:105 Resp: 12535

Ion	Ratio	Lower	Upper
105	100		
134	36.2	13.0	27.0#

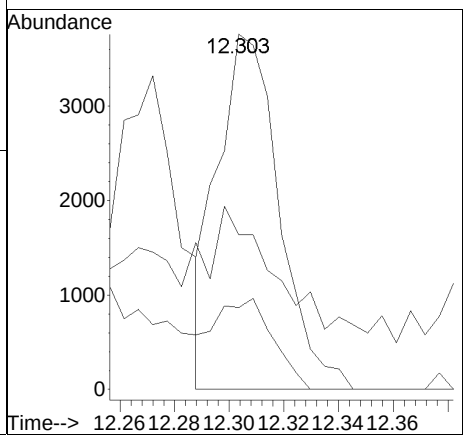


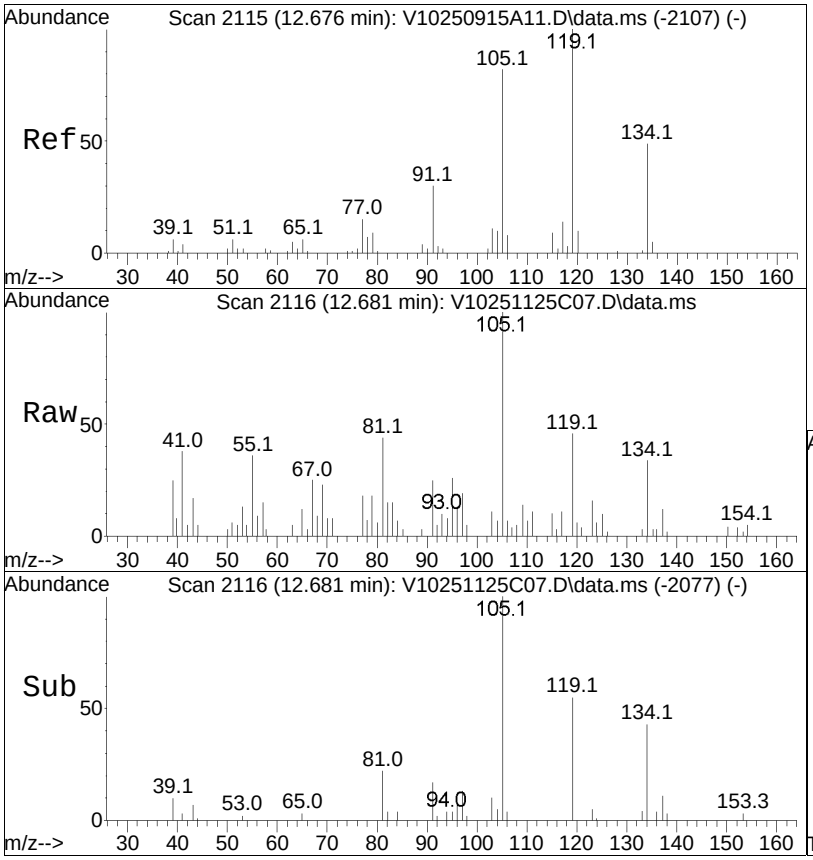


#99
p-Isopropyltoluene
Concen: 0.47 ug/L
RT: 12.303 min Scan# 2044
Delta R.T. -0.000 min
Lab File: V10251125C07.D
Acq: 25 Nov 2025 4:44 pm

Tgt Ion:119 Resp: 5899

Ion	Ratio	Lower	Upper
119	100		
134	24.2	16.7	34.7
91	38.4	15.1	31.3#

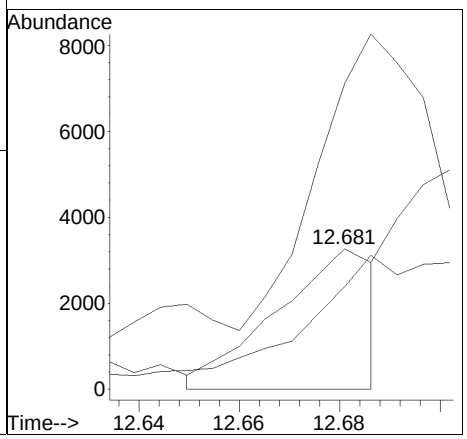


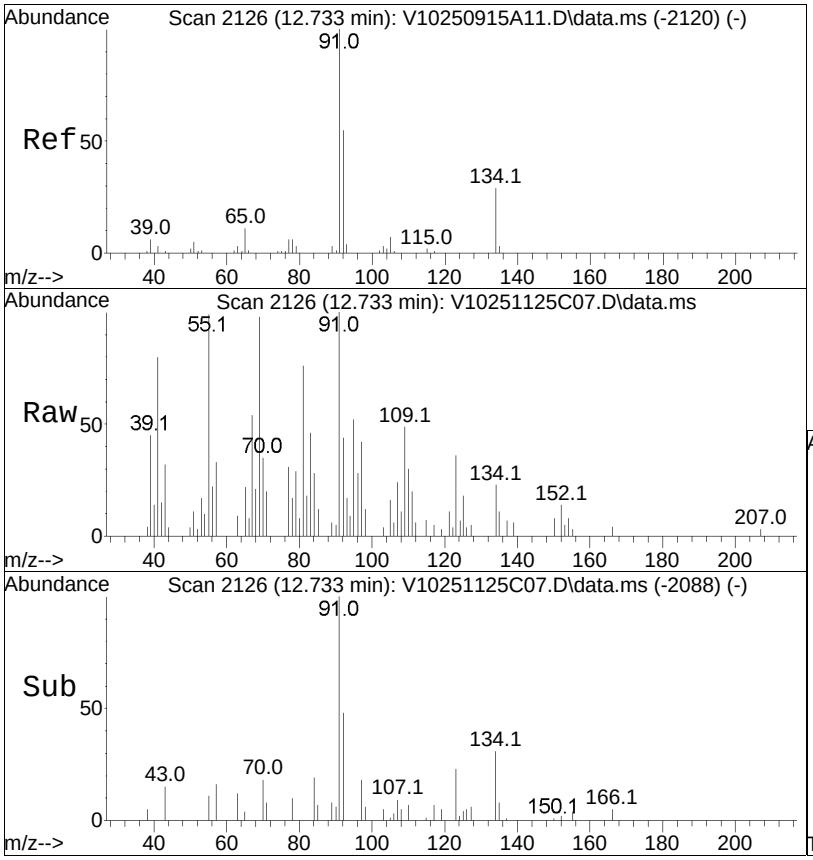


#102
p-Diethylbenzene
Concen: 0.60 ug/L M3
RT: 12.681 min Scan# 2116
Delta R.T. 0.005 min
Lab File: V10251125C07.D
Acq: 25 Nov 2025 4:44 pm

Tgt Ion:119 Resp: 4487

Ion	Ratio	Lower	Upper
119	100		
105	268.4	55.5	115.3#
134	138.4	30.4	63.0#

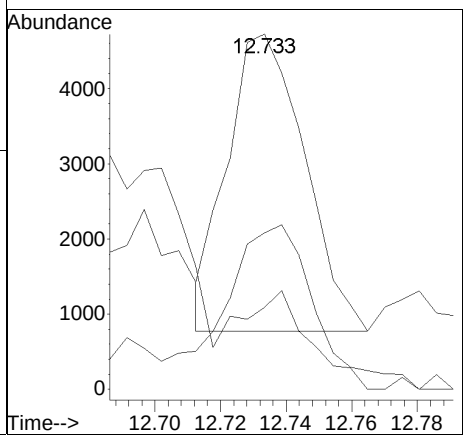


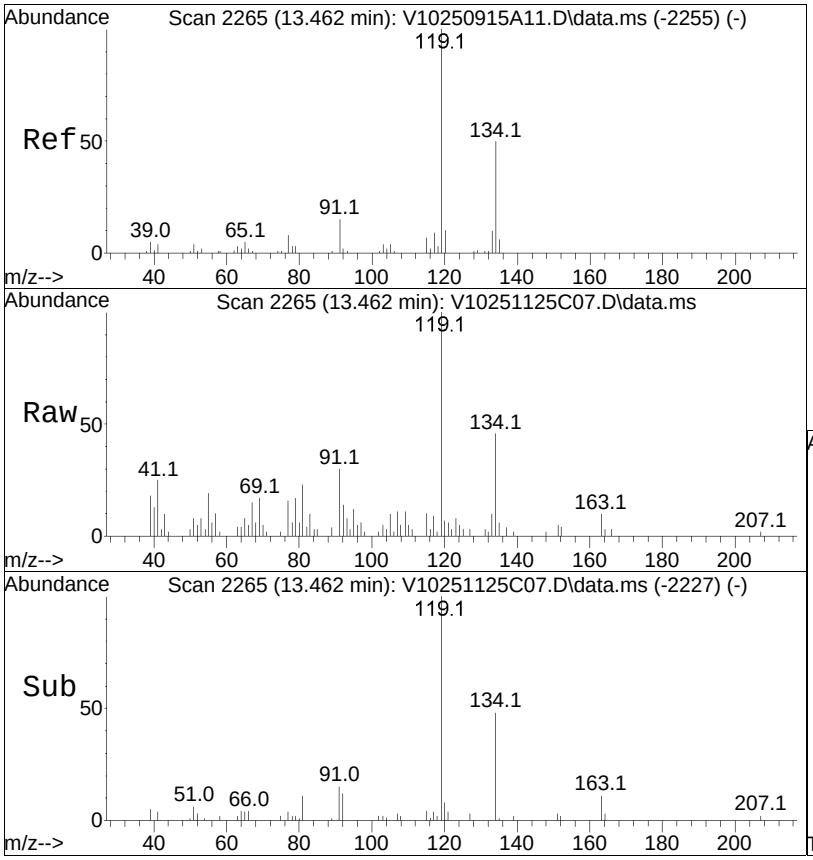


#103
n-Butylbenzene
Concen: 0.62 ug/L
RT: 12.733 min Scan# 2126
Delta R.T. -0.000 min
Lab File: V10251125C07.D
Acq: 25 Nov 2025 4:44 pm

Tgt Ion: 91 Resp: 6463

Ion	Ratio	Lower	Upper
91	100		
92	65.3	43.1	64.7#
134	21.1	21.2	31.8#

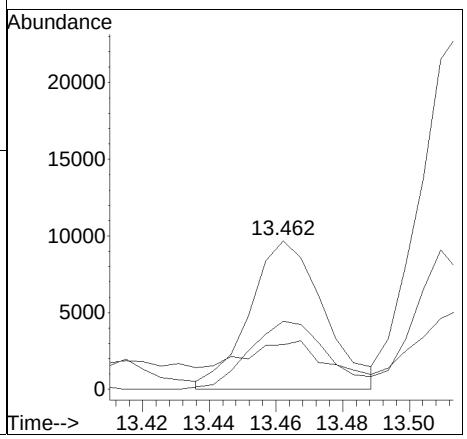


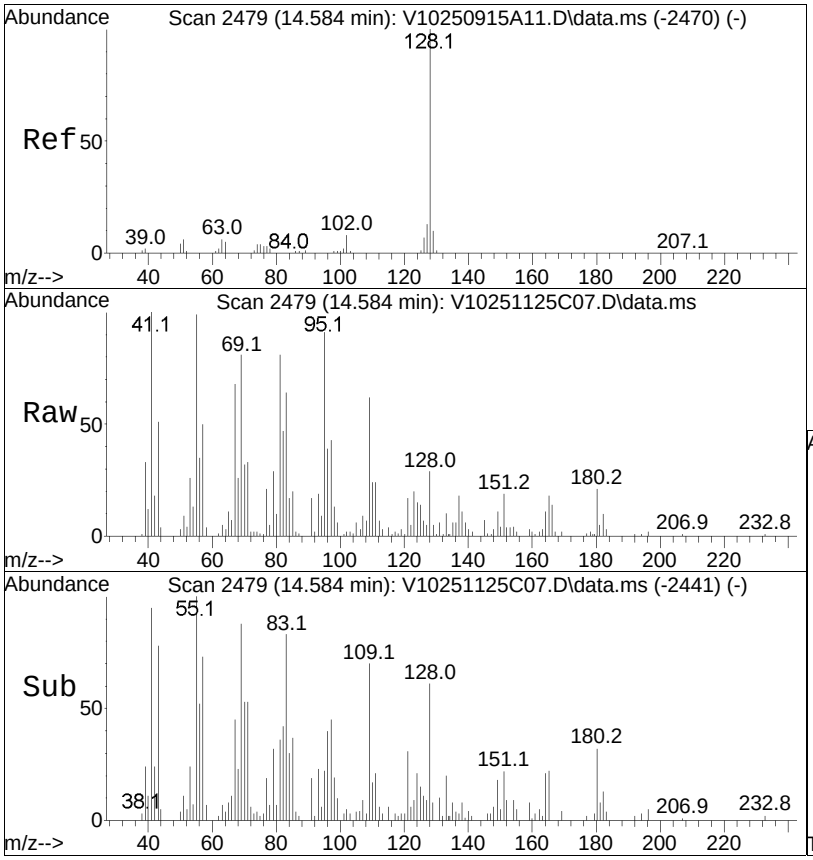


#105
1,2,4,5-Tetramethylbenzene
Concen: 1.25 ug/L M3
RT: 13.462 min Scan# 2265
Delta R.T. -0.000 min
Lab File: V10251125C07.D
Acq: 25 Nov 2025 4:44 pm

Tgt Ion:119 Resp: 14969

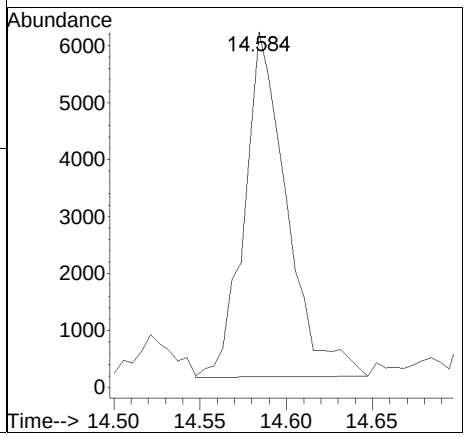
Ion	Ratio	Lower	Upper
119	100		
134	88.7	30.0	62.2#
91	50.6	10.3	21.3#





#110
Naphthalene
Concen: 0.87 ug/L
RT: 14.584 min Scan# 2479
Delta R.T. -0.000 min
Lab File: V10251125C07.D
Acq: 25 Nov 2025 4:44 pm

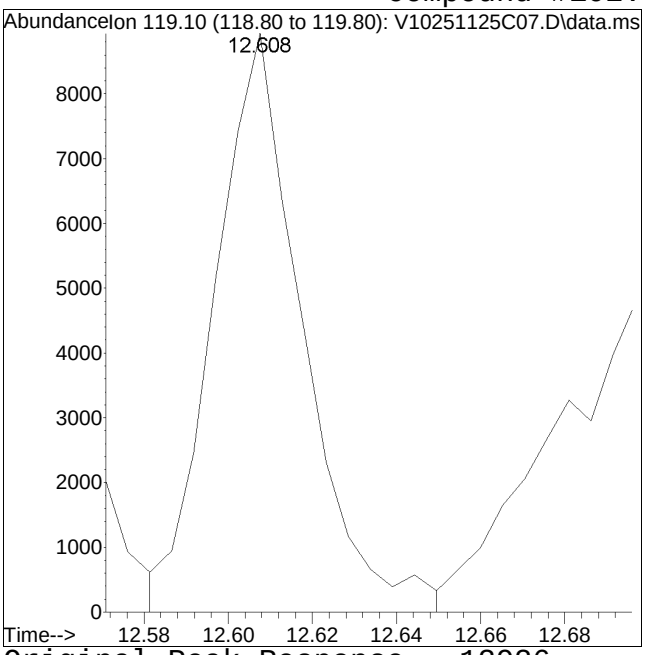
Tgt Ion:128 Resp: 10386



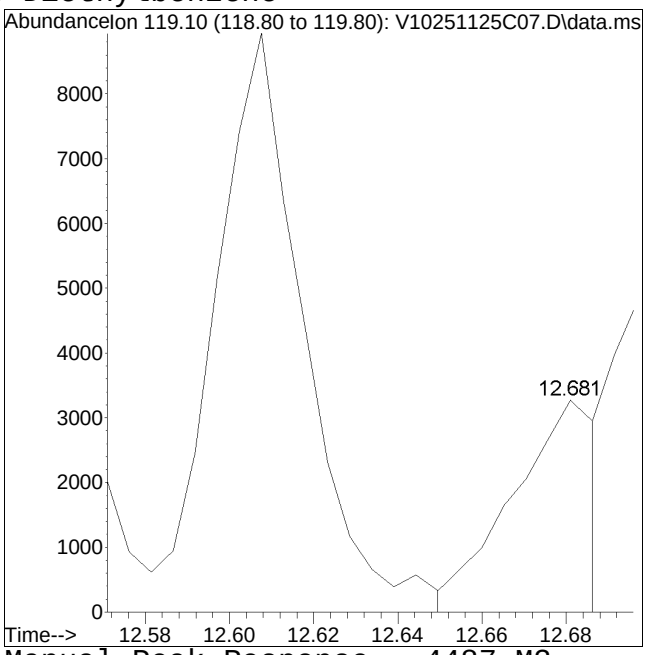
Manual Integration Report

Data Path : K:\VOA110\2025\251125C\ QMethod : V110_250915A_8260.m
Data File : V10251125C07.D Operator : VOA110:JIC
Date Inj'd : 11/25/2025 4:44 pm Instrument : VOA110
Sample : L2574258-06,31,5.71,5,,B,3Quant Date : 11/26/2025 6:49 am

Compound #102: p-Diethylbenzene



Original Peak Response = 12926



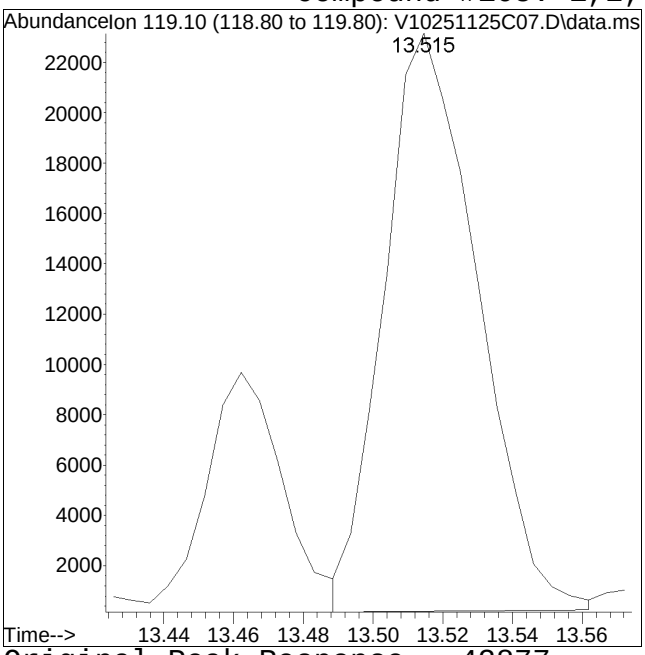
Manual Peak Response = 4487 M3

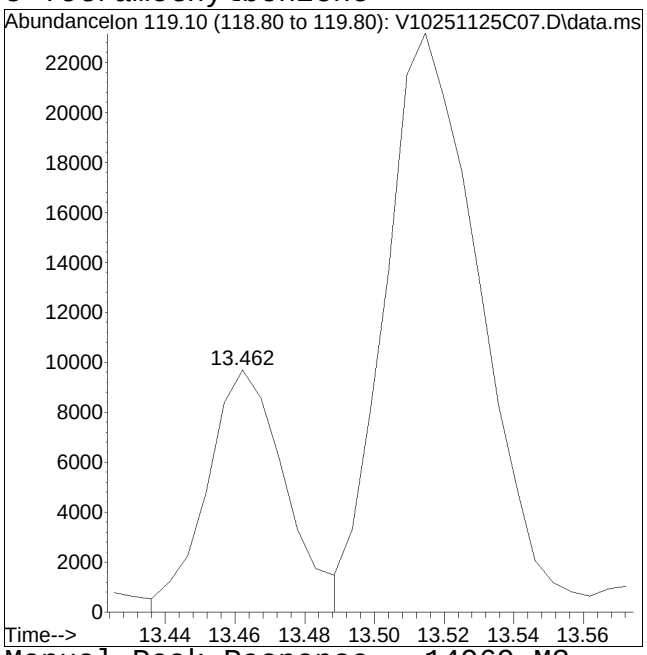
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA110\2025\251125C\ QMethod : V110_250915A_8260.m
Data File : V10251125C07.D Operator : VOA110:JIC
Date Inj'd : 11/25/2025 4:44 pm Instrument : VOA110
Sample : L2574258-06,31,5.71,5,,B,3Quant Date : 11/26/2025 6:49 am

Compound #105: 1,2,4,5-Tetramethylbenzene





Original Peak Response = 42877 Manual Peak Response = 14969 M3

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C08.D
Acq On : 25 Nov 2025 5:12 pm
Operator : VOA110:JIC
Sample : L2574258-07,31,5.43,5,,B,32.29,37.97,0.25
Misc : WG2147003,ICAL22640
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 26 13:54:12 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.248	96	223777	20.000 ug/L	0.00
Standard Area 1 = 204110			Recovery = 109.64%		
59) Chlorobenzene-d5	9.808	117	188507	20.000 ug/L	0.00
Standard Area 1 = 167631			Recovery = 112.45%		
79) 1,4-Dichlorobenzene-d4	12.456	152	106908	20.000 ug/L	0.00
Standard Area 1 = 107503			Recovery = 99.45%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.425	113	60327	20.049 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.25%		
43) 1,2-Dichloroethane-d4	5.959	65	73080	23.778 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 118.89%		
60) Toluene-d8	7.947	98	217294	18.685 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.42%		
83) 4-Bromofluorobenzene	11.265	95	93921	20.950 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.75%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	0.000		0	N.D. d	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.363	94	176	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	3.264	96	56	N.D.	
11) Carbon disulfide	3.170	76	2619	0.244 ug/L	97
15) Methylene chloride	3.710	84	1794	0.581 ug/L #	70
17) Acetone	3.752	43	6303	3.927 ug/L #	42
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	4.533	63	57	N.D.	
25) Acrylonitrile	0.000		0	N.D. d	
27) Vinyl acetate	4.696	43	329	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	5.052	77	380	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	5.246	83	2226	0.440 ug/L #	83

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C08.D
Acq On : 25 Nov 2025 5:12 pm
Operator : VOA110:JIC
Sample : L2574258-07,31,5.43,5,,B,32.29,37.97,0.25
Misc : WG2147003,ICAL22640
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 26 13:54:12 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	5.592	97	115	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	5.828	78	1249	0.120	ug/L #	68
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.	d	
50) Dibromomethane	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	6.998	63	99	N.D.		
54) Bromodichloromethane	7.087	83	119	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	8.015	92	1370	0.193	ug/L #	32
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d	
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	9.179	107	219	N.D.		
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	9.803	112	54	N.D.		
74) Ethylbenzene	9.860	91	8589	0.632	ug/L	99
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	10.054	106	1716	0.315	ug/L #	52
77) o Xylene	10.584	106	402	N.D.		
78) Styrene	10.668	104	109	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.946	105	5576	0.417	ug/L	93
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	11.412	91	11865	0.768	ug/L	99
87) 1,1,2,2-Tetrachloroethane	11.533	83	249	N.D.		
88) 4-Ethyltoluene	11.533	105	12120	0.888	ug/L	99
89) 2-Chlorotoluene	0.000		0	N.D.	d	
90) 1,3,5-Trimethylbenzene	11.632	105	10412	0.894	ug/L	92
91) 1,2,3-Trichloropropane	11.538	75	52	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
93) 4-Chlorotoluene	11.936	91	215	N.D.		
94) tert-Butylbenzene	11.973	119	866	N.D.		

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C08.D
Acq On : 25 Nov 2025 5:12 pm
Operator : VOA110:JIC
Sample : L2574258-07,31,5.43,5,,B,32.29,37.97,0.25
Misc : WG2147003,ICAL22640
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 26 13:54:12 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.047	105	31989	2.785	ug/L	100
98) sec-Butylbenzene	12.157	105	7650	0.526	ug/L #	67
99) p-Isopropyltoluene	12.303	119	7466	0.572	ug/L	95
100) 1,3-Dichlorobenzene	0.000		0	N.D.		
101) 1,4-Dichlorobenzene	0.000		0	N.D.		
102) p-Diethylbenzene	12.702	119	11507	1.457	ug/L	79
103) n-Butylbenzene	12.733	91	4484M1	0.407	ug/L	
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
105) 1,2,4,5-Tetramethylben...	13.462	119	8641	0.686	ug/L	92
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.301	180	54	N.D.		
110) Naphthalene	14.584	128	3658	0.292	ug/L	100
111) 1,2,3-Trichlorobenzene	0.000		0	N.D. d		

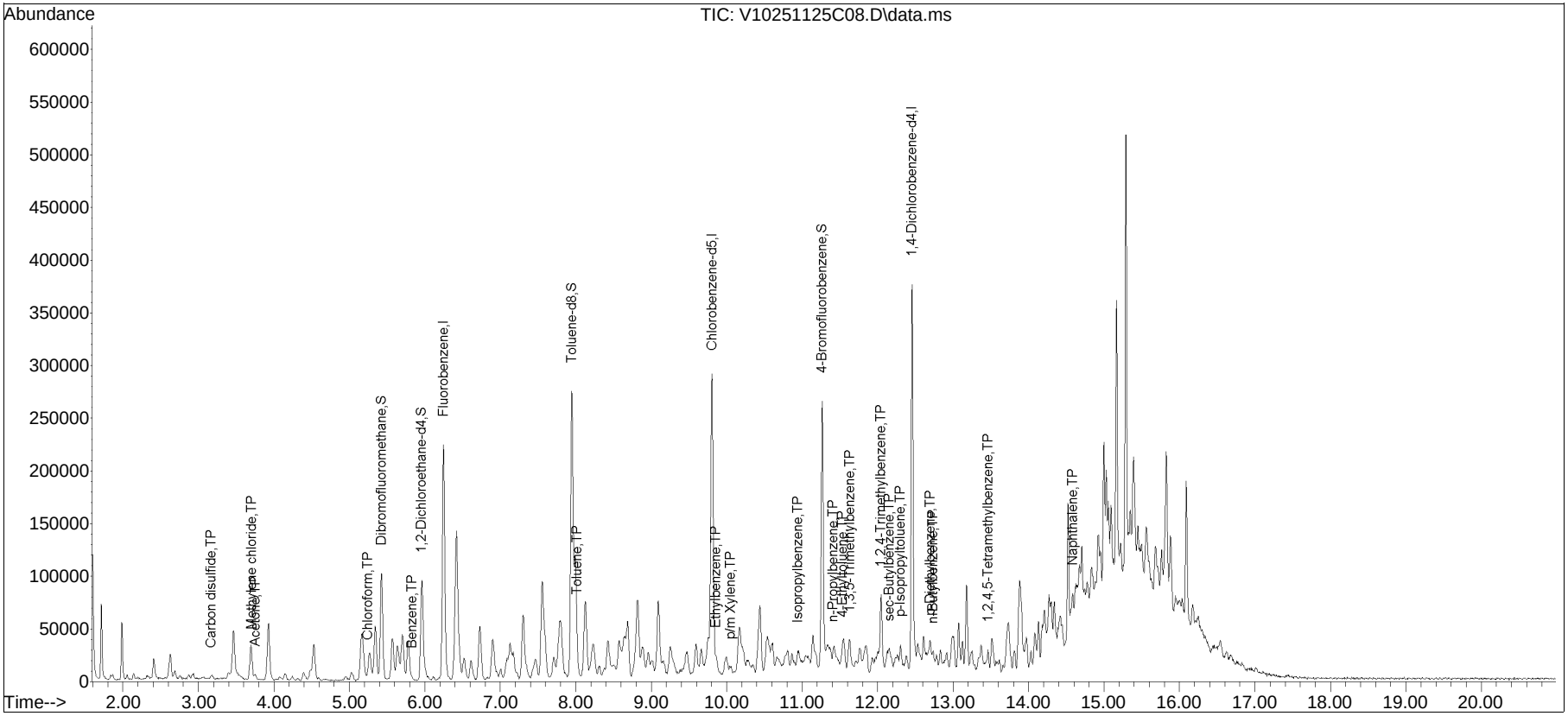
(#) = qualifier out of range (m) = manual integration (+) = signals summed

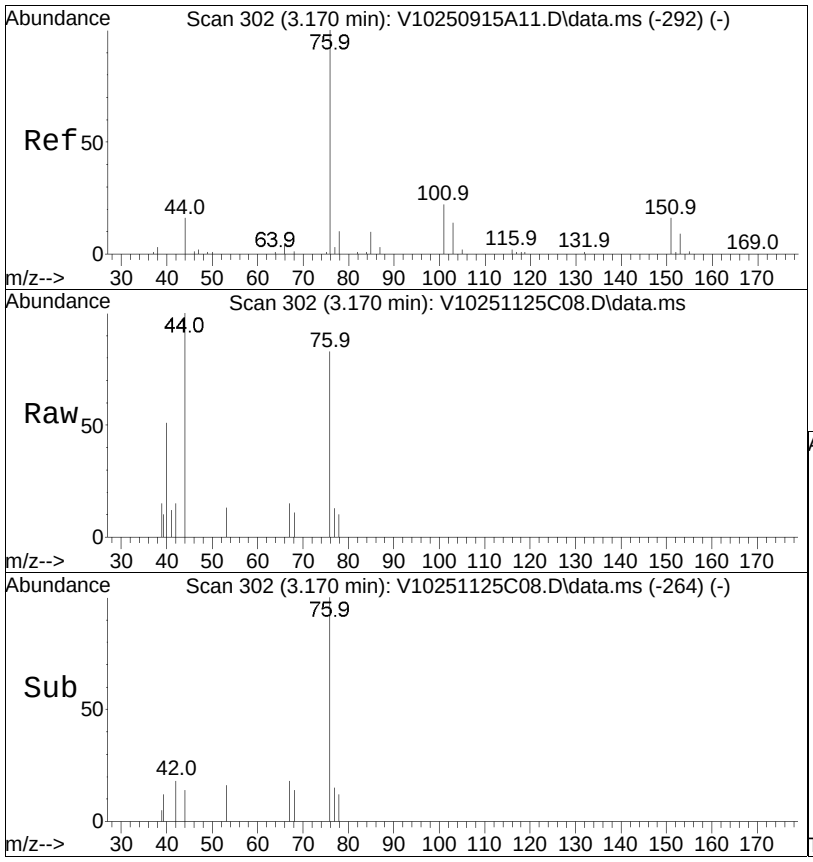
Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C08.D
Acq On : 25 Nov 2025 5:12 pm
Operator : VOA110:JIC
Sample : L2574258-07,31,5.43,5,,B,32.29,37.97,0.25
Misc : WG2147003,ICAL22640
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 26 13:54:12 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251125C01.D•

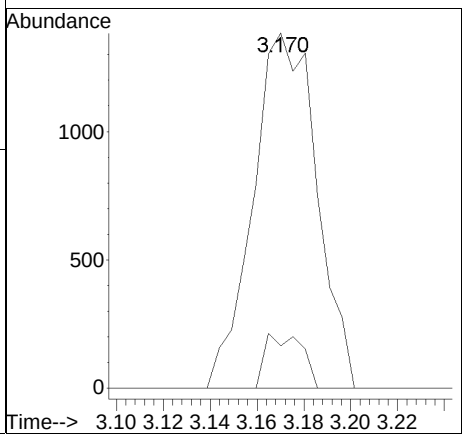


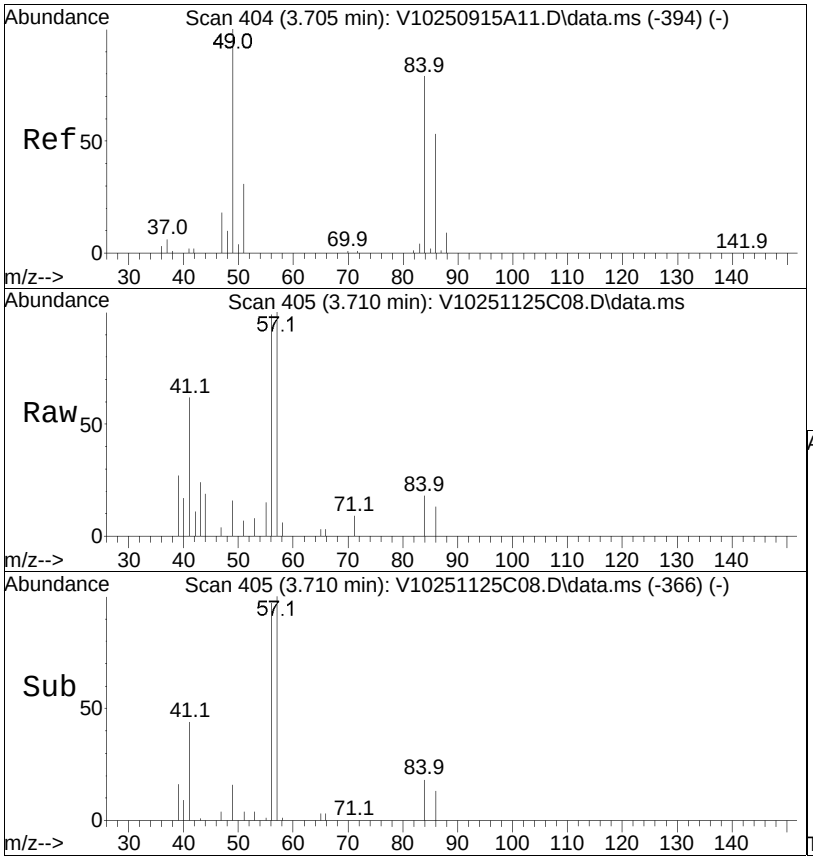


#11
Carbon disulfide
Concen: 0.24 ug/L
RT: 3.170 min Scan# 302
Delta R.T. 0.000 min
Lab File: V10251125C08.D
Acq: 25 Nov 2025 5:12 pm

Tgt Ion: 76 Resp: 2619

Ion	Ratio	Lower	Upper
76	100		
78	8.8	6.4	13.2

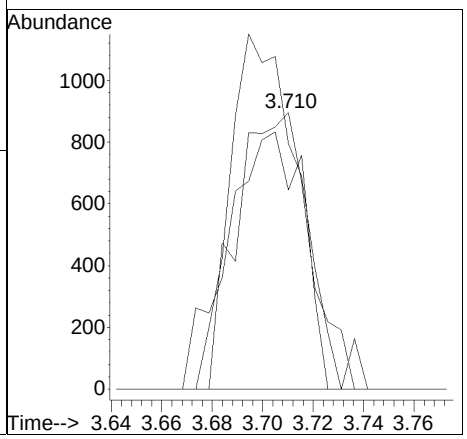


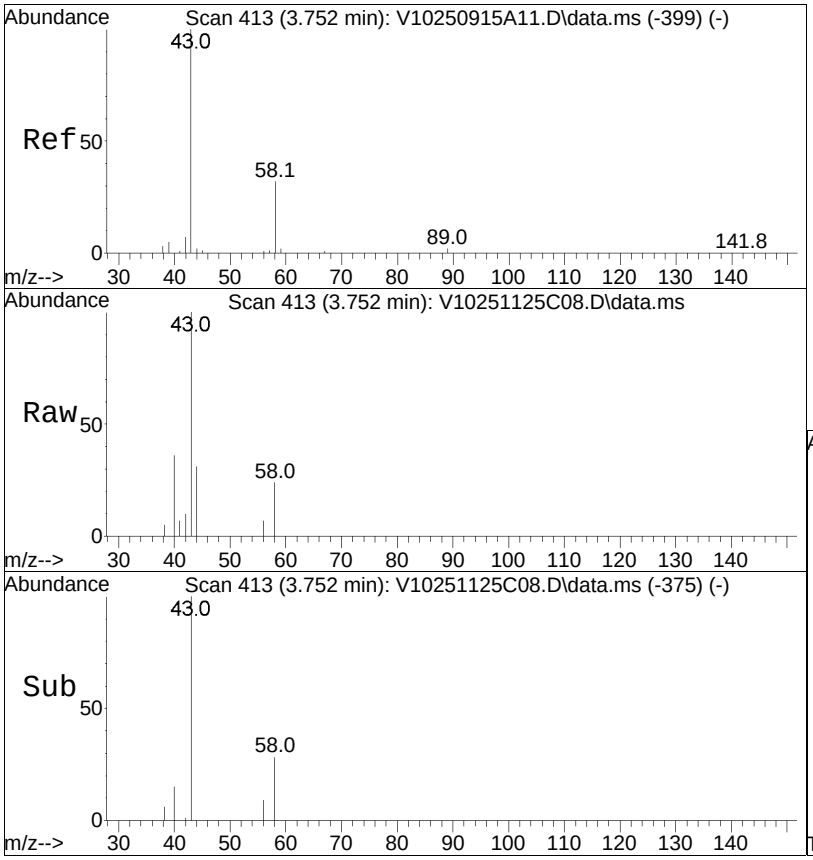


#15
Methylene chloride
Concen: 0.58 ug/L
RT: 3.710 min Scan# 405
Delta R.T. 0.005 min
Lab File: V10251125C08.D
Acq: 25 Nov 2025 5:12 pm

Tgt Ion: 84 Resp: 1794

Ion	Ratio	Lower	Upper
84	100		
86	97.0	41.5	86.3#
49	120.3	99.3	206.1

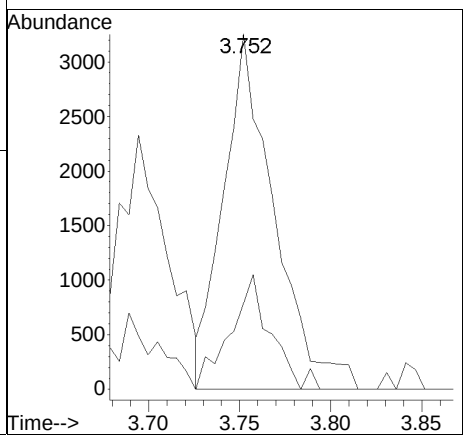


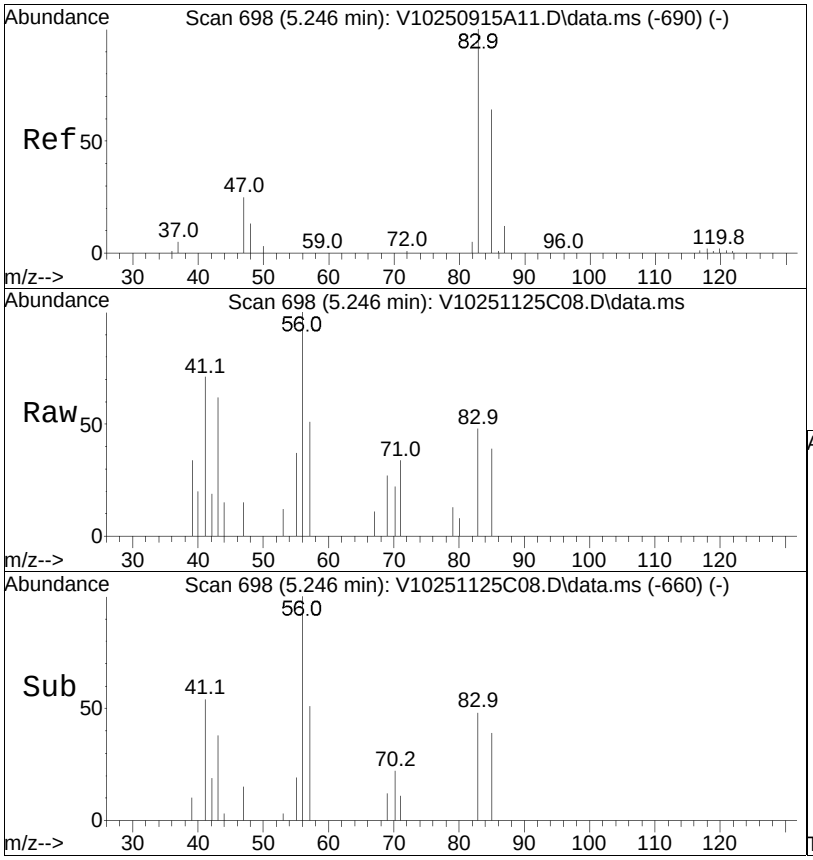


#17
Acetone
Concen: 3.93 ug/L
RT: 3.752 min Scan# 413
Delta R.T. 0.000 min
Lab File: V10251125C08.D
Acq: 25 Nov 2025 5:12 pm

Tgt Ion: 43 Resp: 6303

Ion	Ratio	Lower	Upper
43	100		
58	25.9	5.0	7.6#

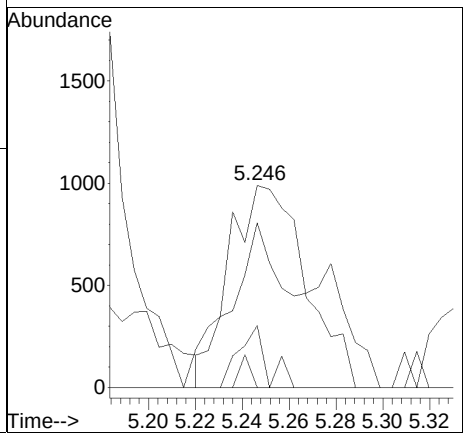


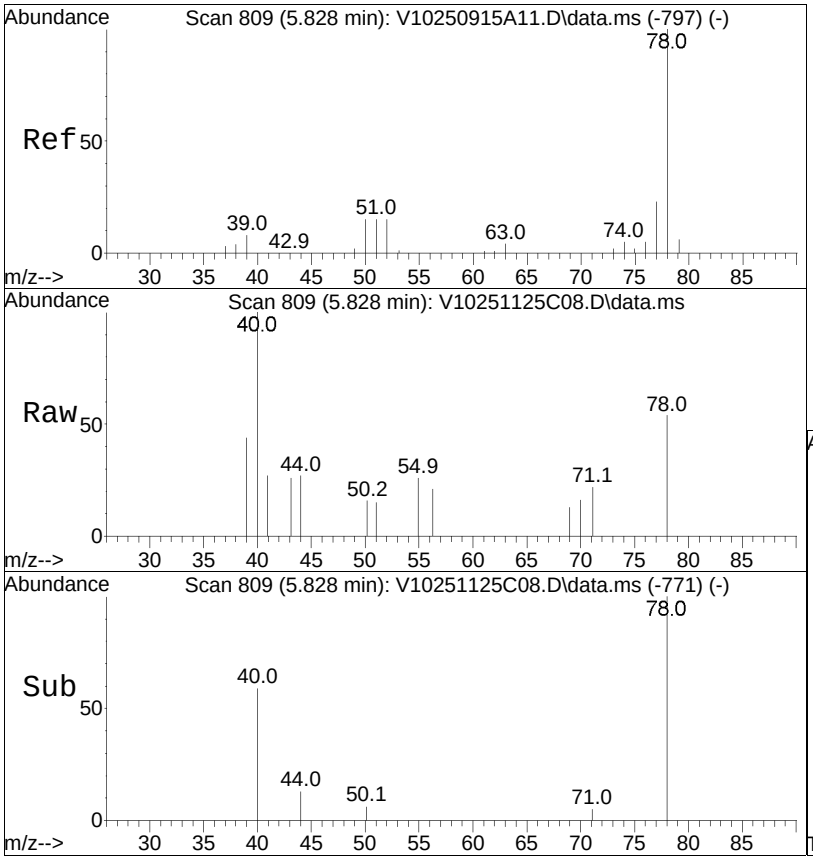


#32
Chloroform
Concen: 0.44 ug/L
RT: 5.246 min Scan# 698
Delta R.T. 0.000 min
Lab File: V10251125C08.D
Acq: 25 Nov 2025 5:12 pm

Tgt Ion: 83 Resp: 2226

Ion	Ratio	Lower	Upper
83	100		
85	58.0	41.9	87.1
47	11.5	18.4	38.2#
48	2.2	9.4	19.4#

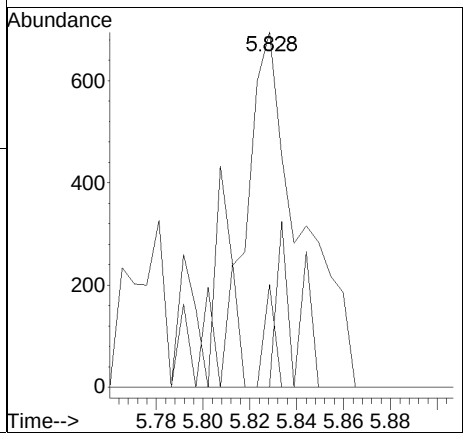


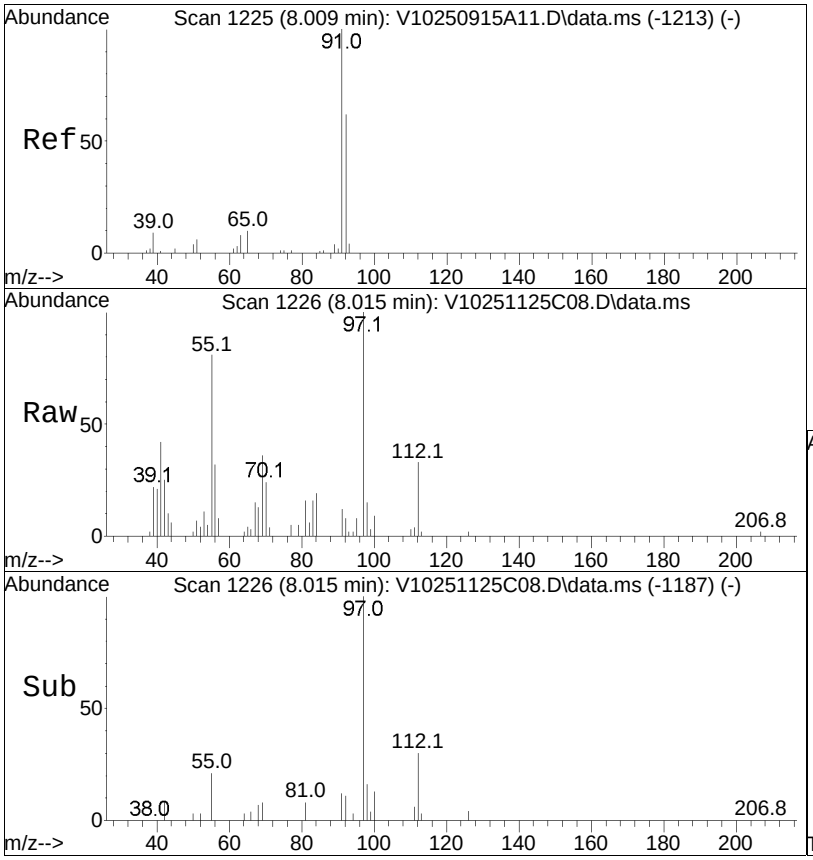


#41
Benzene
Concen: 0.12 ug/L
RT: 5.828 min Scan# 809
Delta R.T. 0.000 min
Lab File: V10251125C08.D
Acq: 25 Nov 2025 5:12 pm

Tgt Ion: 78 Resp: 1249

Ion	Ratio	Lower	Upper
78	100		
77	14.8	16.1	33.5#
51	0.0	11.8	24.6#
52	0.0	11.0	22.8#

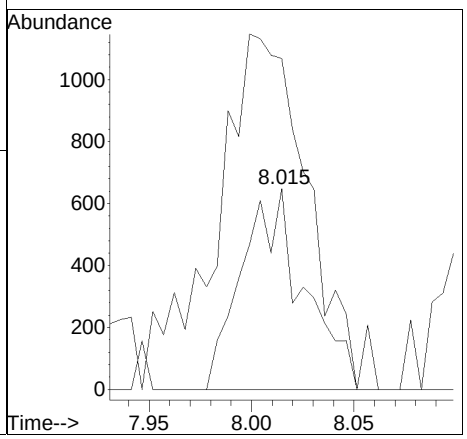


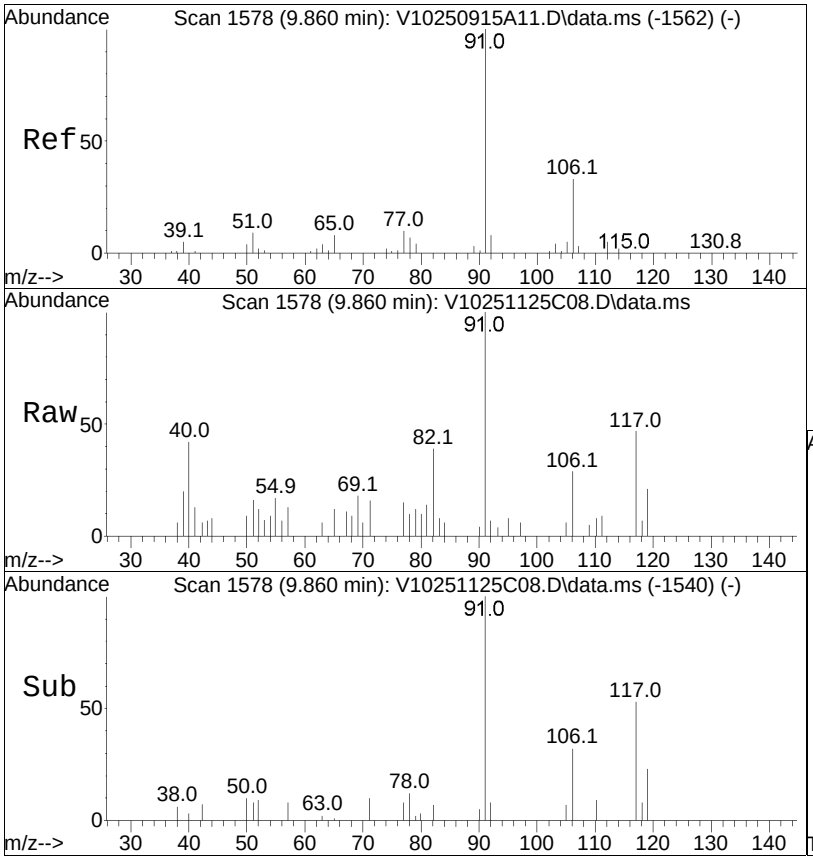


#61
Toluene
Concen: 0.19 ug/L
RT: 8.015 min Scan# 1226
Delta R.T. 0.005 min
Lab File: V10251125C08.D
Acq: 25 Nov 2025 5:12 pm

Tgt Ion: 92 Resp: 1370

Ion	Ratio	Lower	Upper
92	100		
91	261.8	134.9	202.3#

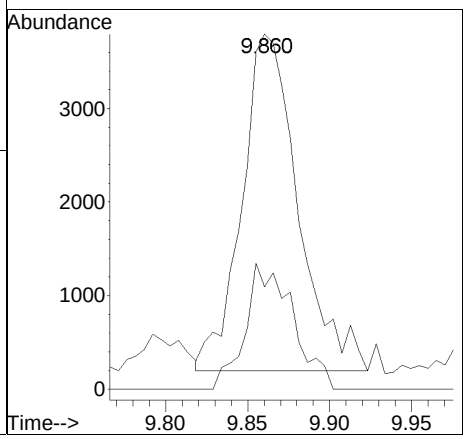


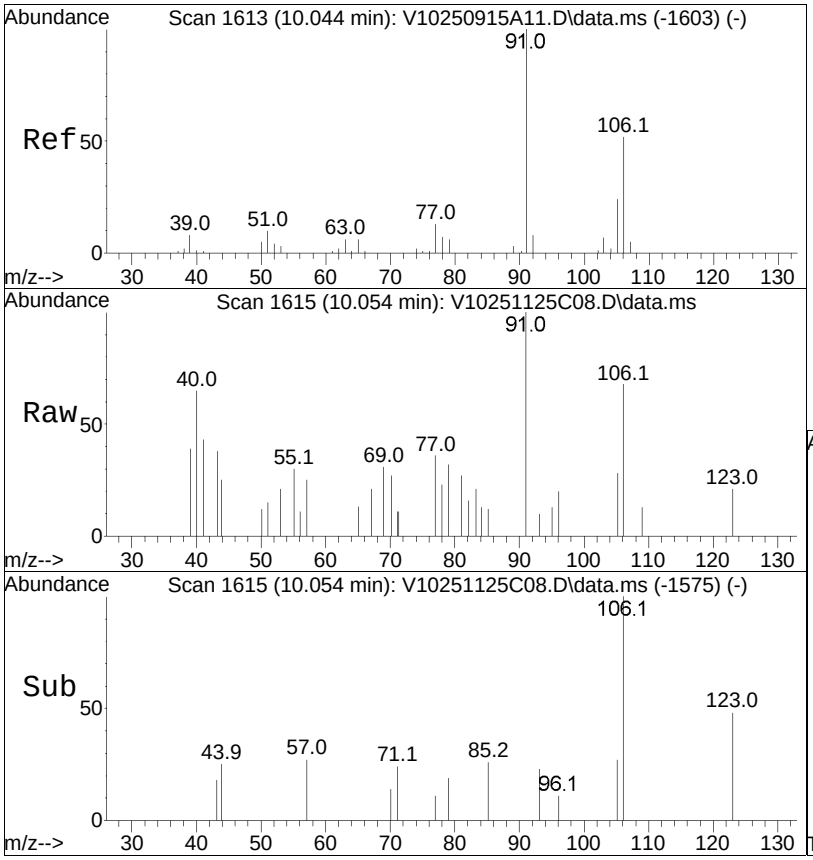


#74
Ethylbenzene
Concen: 0.63 ug/L
RT: 9.860 min Scan# 1578
Delta R.T. 0.000 min
Lab File: V10251125C08.D
Acq: 25 Nov 2025 5:12 pm

Tgt Ion: 91 Resp: 8589

Ion	Ratio	Lower	Upper
91	100		
106	31.5	24.7	37.1

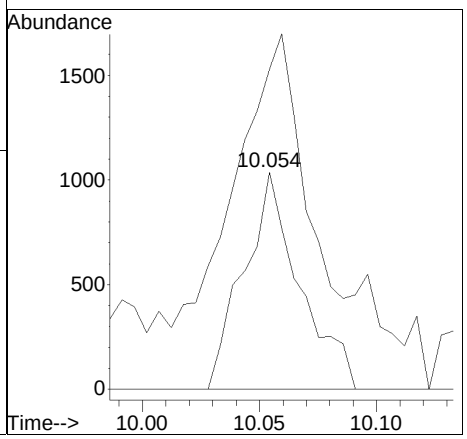


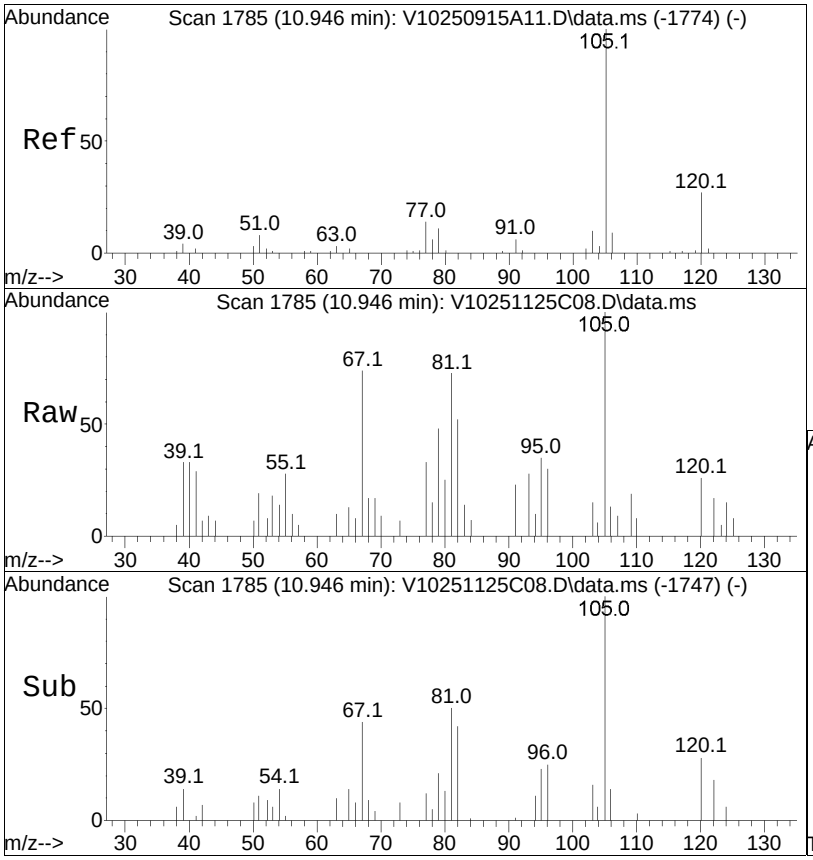


#76
p/m Xylene
Concen: 0.31 ug/L
RT: 10.054 min Scan# 1615
Delta R.T. 0.011 min
Lab File: V10251125C08.D
Acq: 25 Nov 2025 5:12 pm

Tgt Ion:106 Resp: 1716

Ion	Ratio	Lower	Upper
106	100		
91	270.5	158.2	237.2#

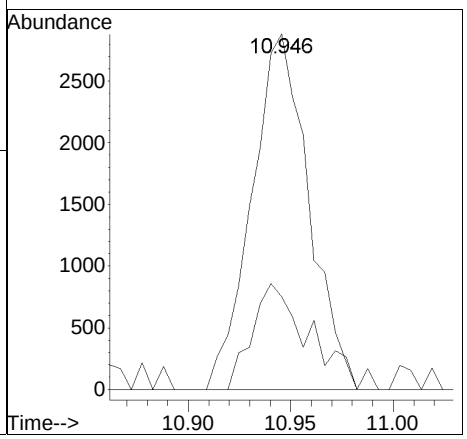


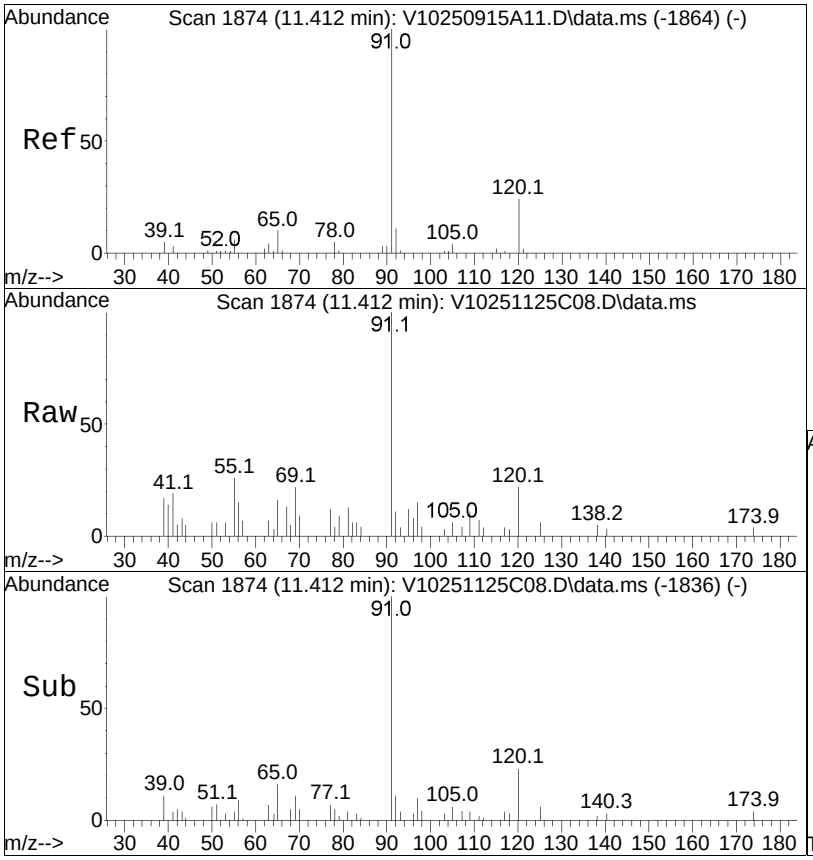


#82
Isopropylbenzene
Concen: 0.42 ug/L
RT: 10.946 min Scan# 1785
Delta R.T. 0.000 min
Lab File: V10251125C08.D
Acq: 25 Nov 2025 5:12 pm

Tgt Ion:105 Resp: 5576

Ion	Ratio	Lower	Upper
105	100		
120	30.3	6.7	46.7

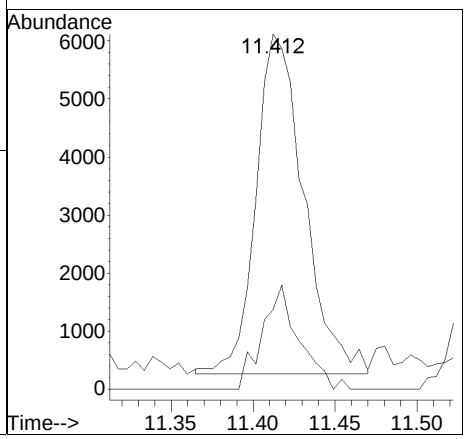


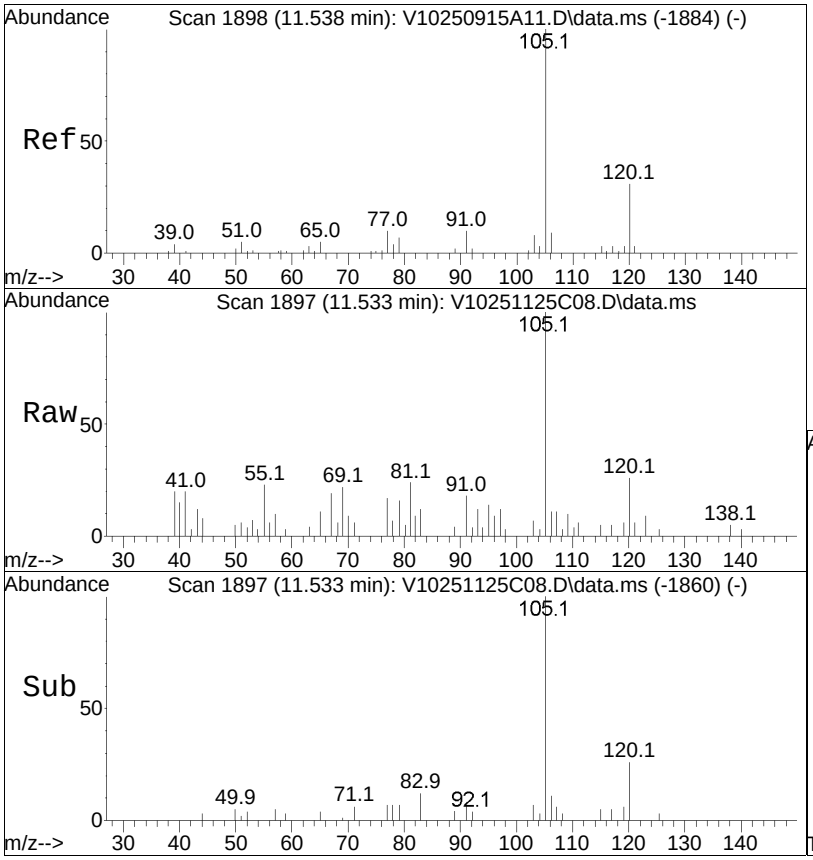


#85
n-Propylbenzene
Concen: 0.77 ug/L
RT: 11.412 min Scan# 1874
Delta R.T. 0.000 min
Lab File: V10251125C08.D
Acq: 25 Nov 2025 5:12 pm

Tgt Ion: 91 Resp: 11865

Ion	Ratio	Lower	Upper
91	100		
120	23.8	18.7	28.1

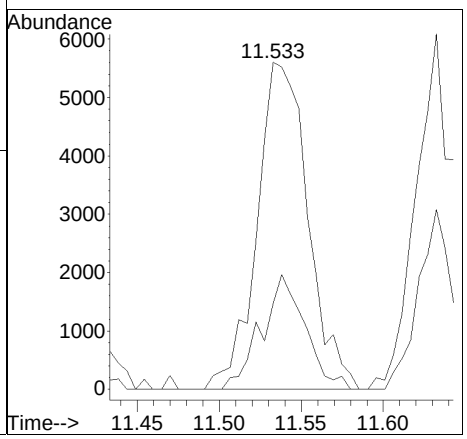


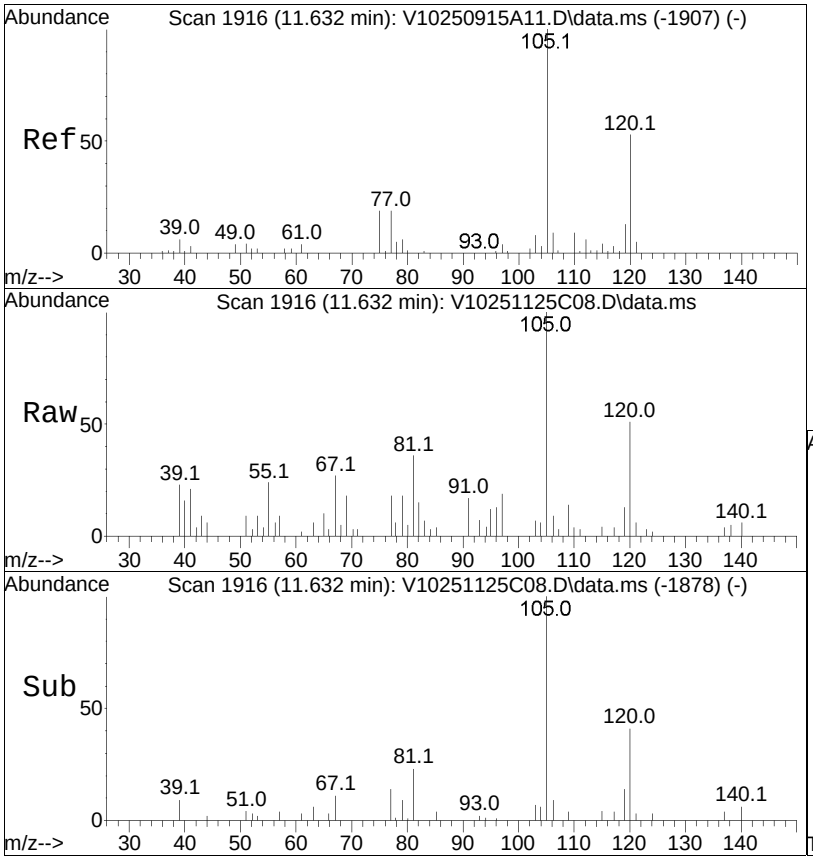


#88
4-Ethyltoluene
Concen: 0.89 ug/L
RT: 11.533 min Scan# 1897
Delta R.T. -0.005 min
Lab File: V10251125C08.D
Acq: 25 Nov 2025 5:12 pm

Tgt Ion:105 Resp: 12120

Ion	Ratio	Lower	Upper
105	100		
120	30.0	19.8	41.2

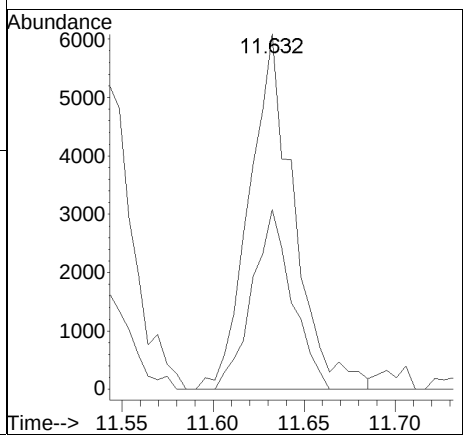


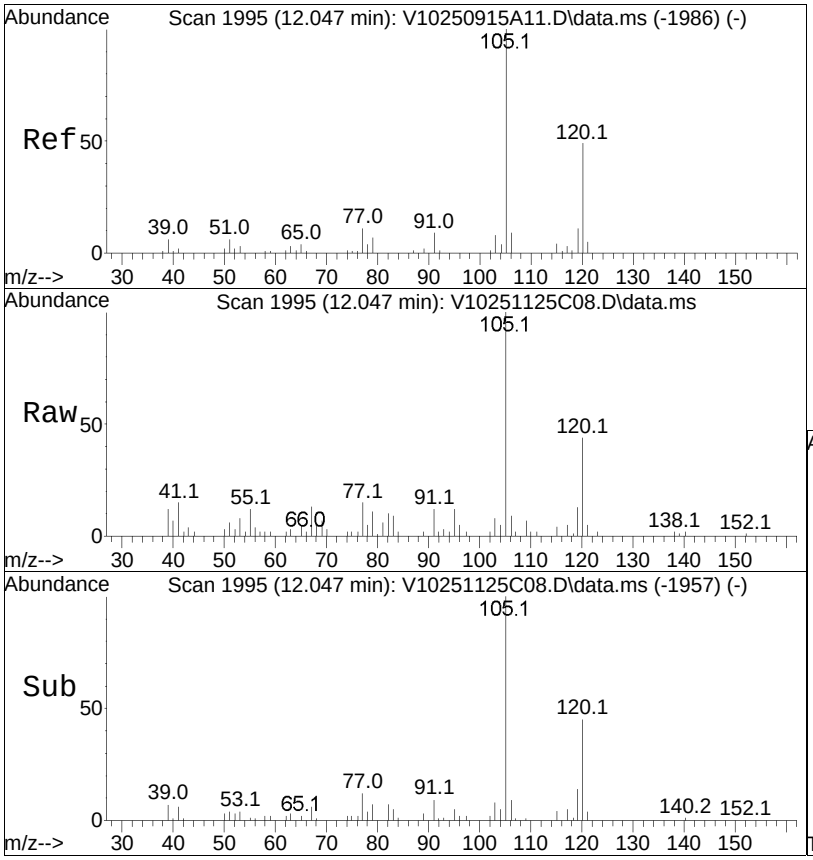


#90
1,3,5-Trimethylbenzene
Concen: 0.89 ug/L
RT: 11.632 min Scan# 1916
Delta R.T. 0.000 min
Lab File: V10251125C08.D
Acq: 25 Nov 2025 5:12 pm

Tgt Ion:105 Resp: 10412

Ion	Ratio	Lower	Upper
105	100		
120	45.4	41.0	61.4

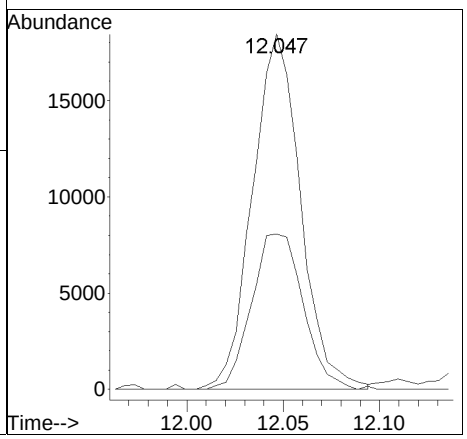


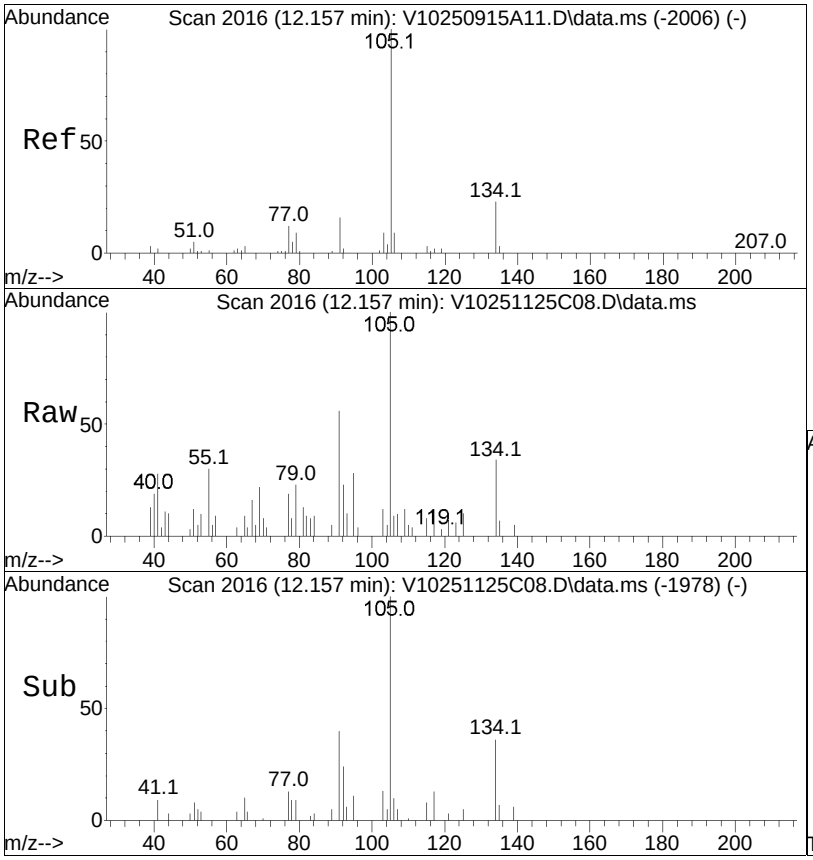


#97
1,2,4-Trimethylbenzene
Concen: 2.78 ug/L
RT: 12.047 min Scan# 1995
Delta R.T. 0.000 min
Lab File: V10251125C08.D
Acq: 25 Nov 2025 5:12 pm

Tgt Ion:105 Resp: 31989

Ion	Ratio	Lower	Upper
105	100		
120	47.1	37.8	56.6

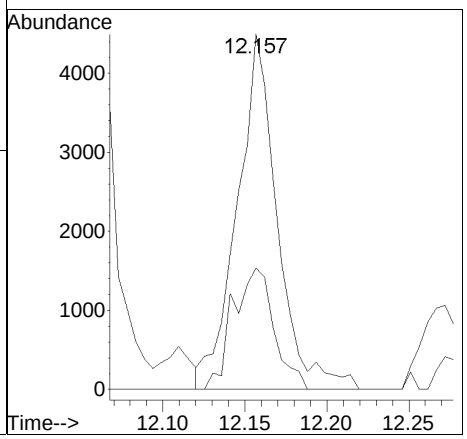


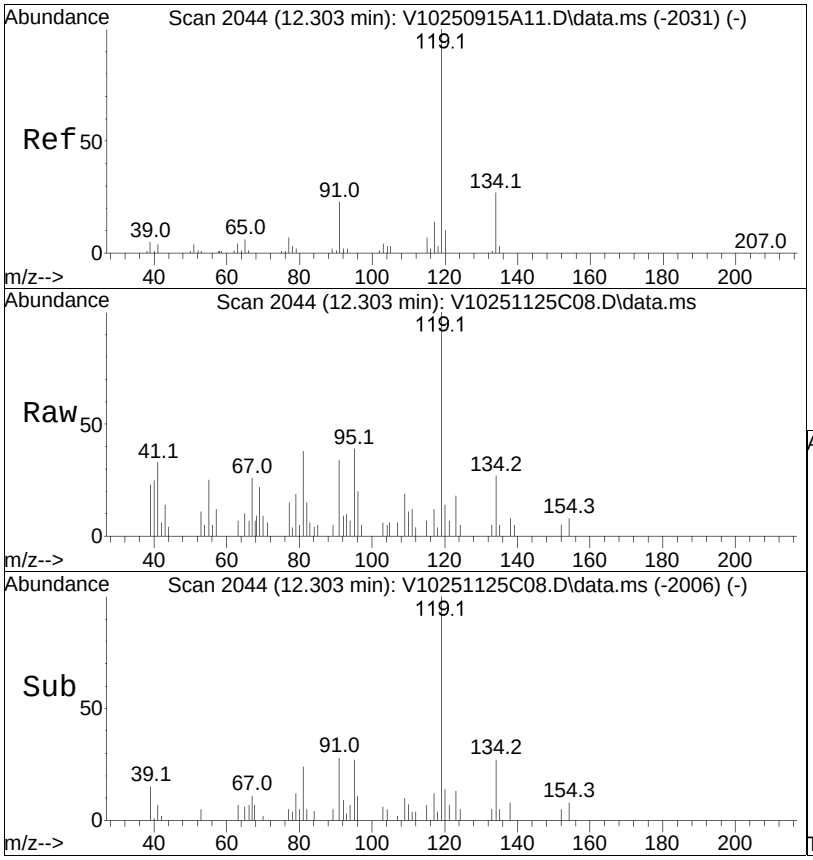


#98
sec-Butylbenzene
Concen: 0.53 ug/L
RT: 12.157 min Scan# 2016
Delta R.T. 0.000 min
Lab File: V10251125C08.D
Acq: 25 Nov 2025 5:12 pm

Tgt Ion:105 Resp: 7650

Ion	Ratio	Lower	Upper
105	100		
134	35.0	13.0	27.0#

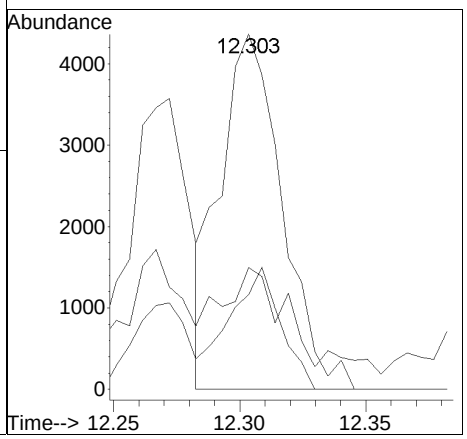


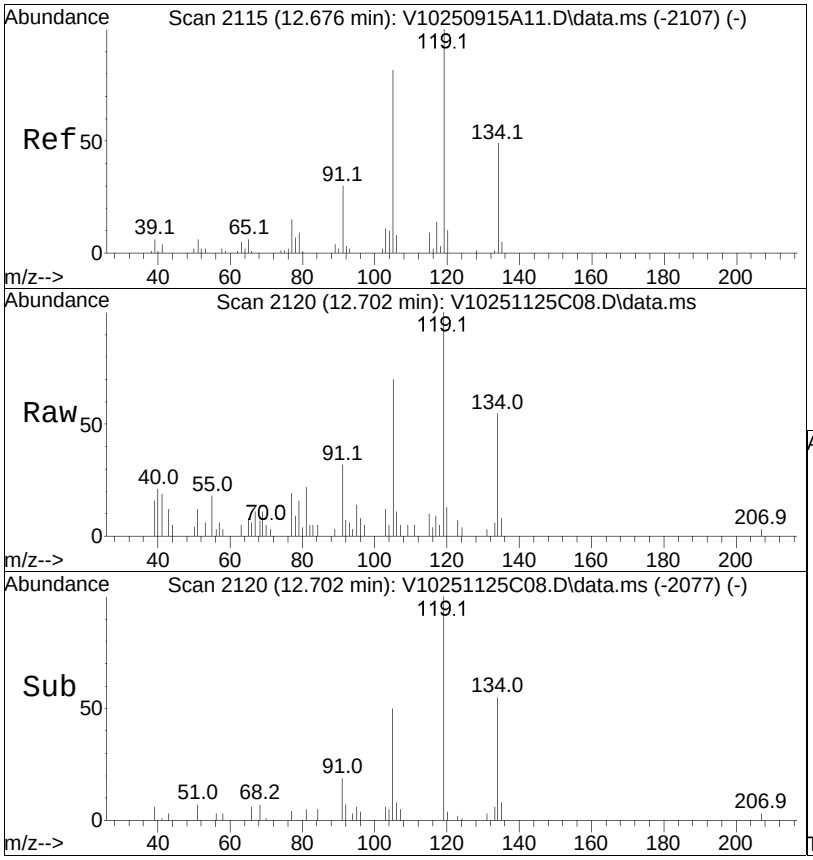


#99
p-Isopropyltoluene
Concen: 0.57 ug/L
RT: 12.303 min Scan# 2044
Delta R.T. 0.000 min
Lab File: V10251125C08.D
Acq: 25 Nov 2025 5:12 pm

Tgt Ion:119 Resp: 7466

Ion	Ratio	Lower	Upper
119	100		
134	28.6	16.7	34.7
91	20.7	15.1	31.3

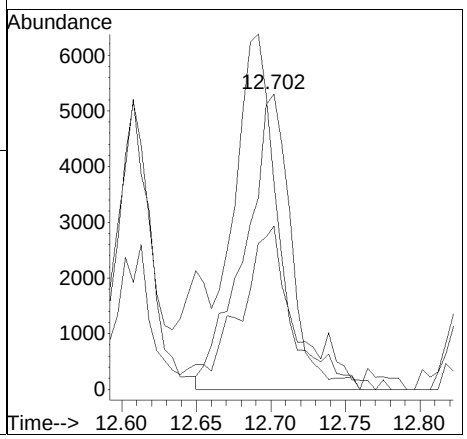


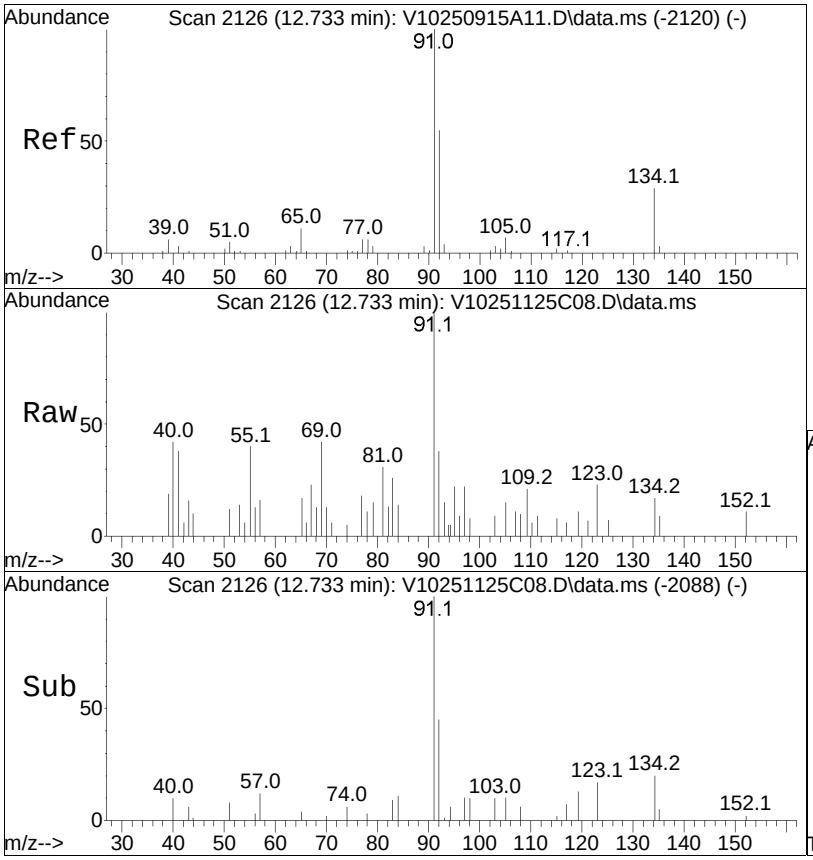


#102
p-Diethylbenzene
Concen: 1.46 ug/L
RT: 12.702 min Scan# 2120
Delta R.T. 0.026 min
Lab File: V10251125C08.D
Acq: 25 Nov 2025 5:12 pm

Tgt Ion:119 Resp: 11507

Ion	Ratio	Lower	Upper
119	100		
105	113.9	55.5	115.3
134	48.5	30.4	63.0

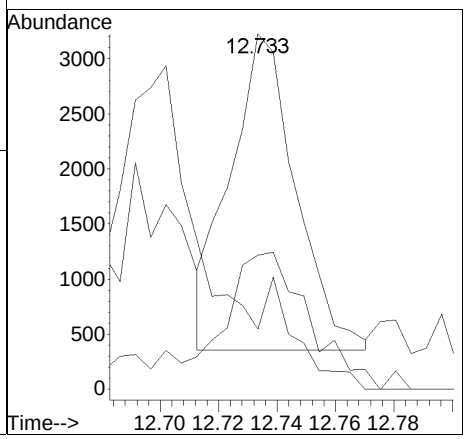


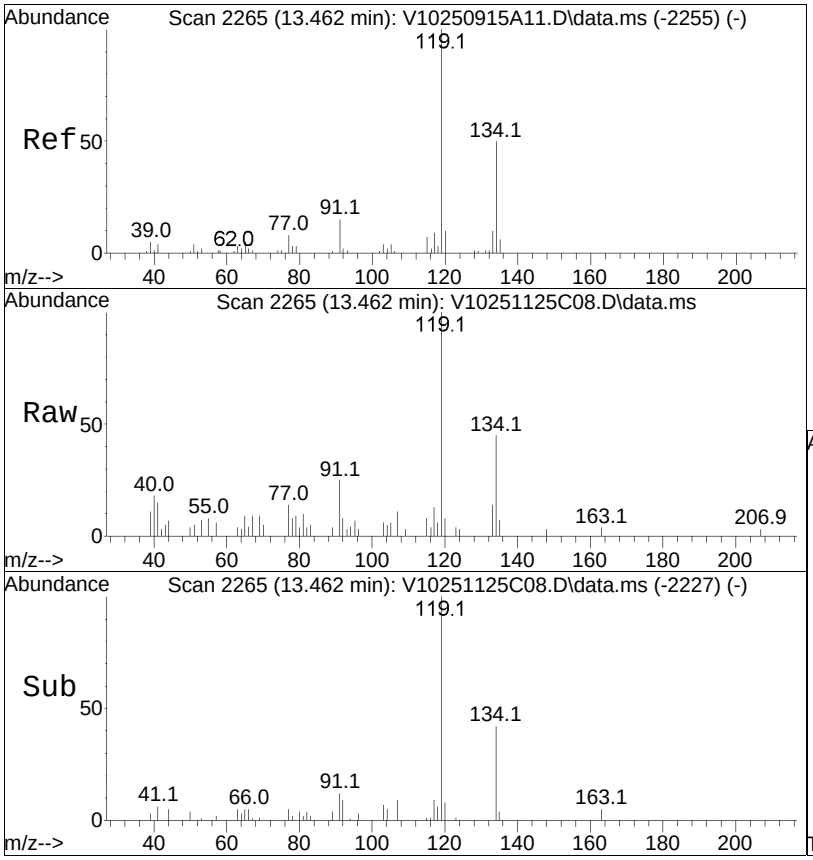


#103
n-Butylbenzene
Concen: 0.41 ug/L M1
RT: 12.733 min Scan# 2126
Delta R.T. 0.000 min
Lab File: V10251125C08.D
Acq: 25 Nov 2025 5:12 pm

Tgt Ion: 91 Resp: 4484

Ion	Ratio	Lower	Upper
91	100		
92	55.6	43.1	64.7
134	0.0	21.2	31.8#

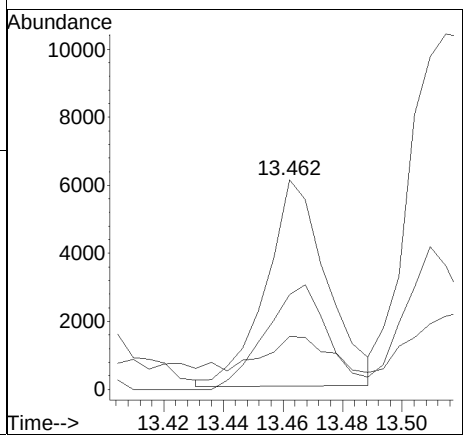


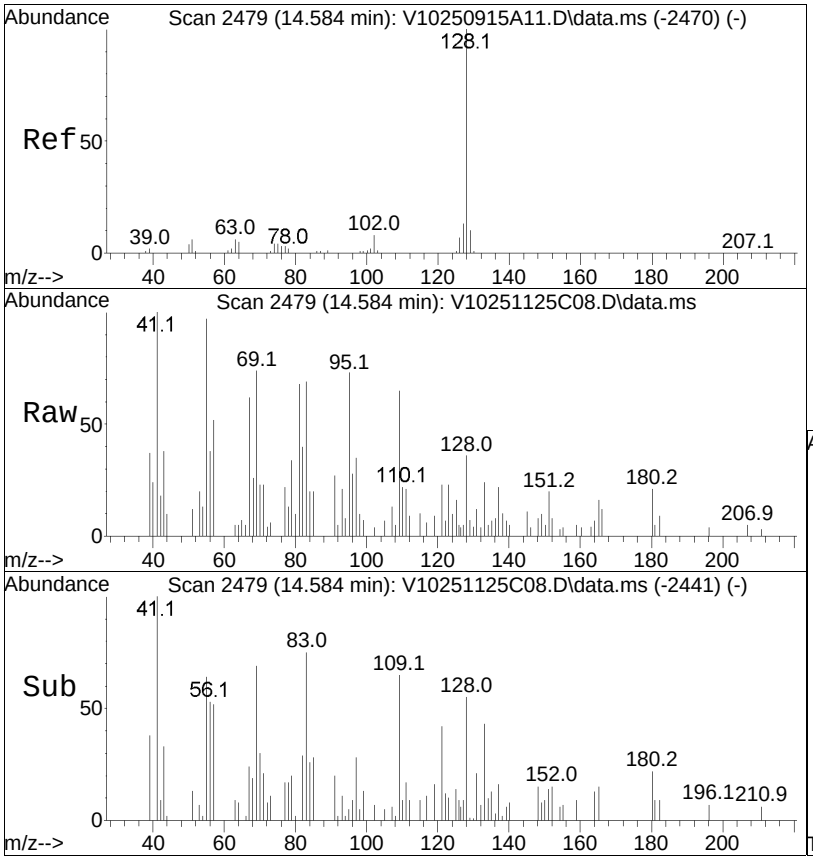


#105
1,2,4,5-Tetramethylbenzene
Concen: 0.69 ug/L
RT: 13.462 min Scan# 2265
Delta R.T. 0.000 min
Lab File: V10251125C08.D
Acq: 25 Nov 2025 5:12 pm

Tgt Ion:119 Resp: 8641

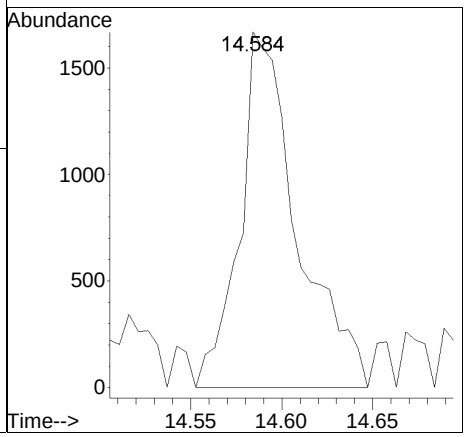
Ion	Ratio	Lower	Upper
119	100		
134	52.1	30.0	62.2
91	17.2	10.3	21.3





#110
Naphthalene
Concen: 0.29 ug/L
RT: 14.584 min Scan# 2479
Delta R.T. 0.000 min
Lab File: V10251125C08.D
Acq: 25 Nov 2025 5:12 pm

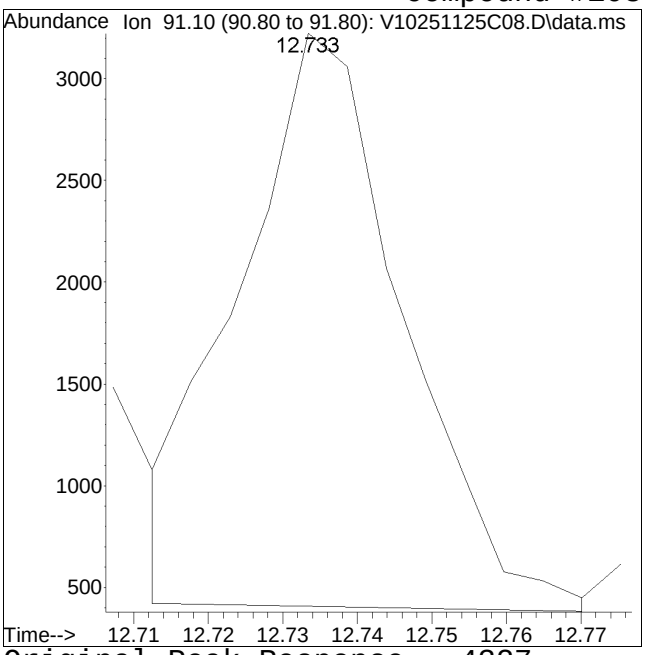
Tgt Ion:128 Resp: 3658



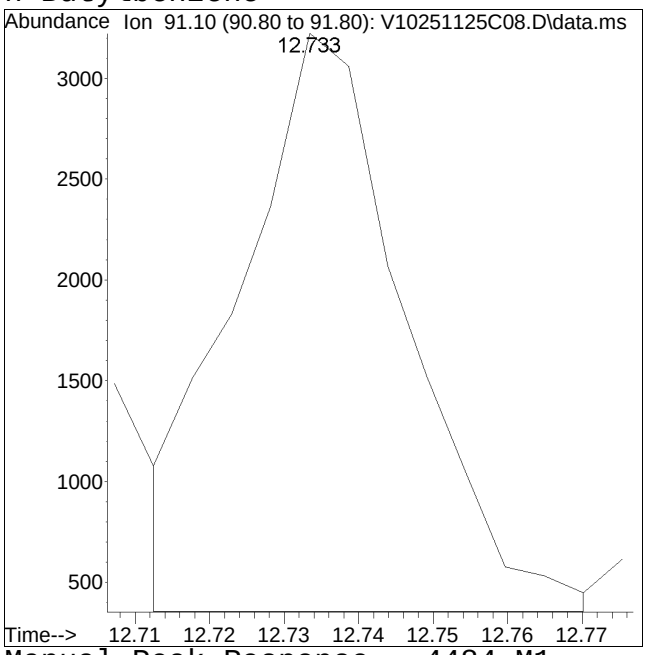
Manual Integration Report

Data Path : K:\VOA110\2025\251125C\ QMethod : V110_250915A_8260.m
Data File : V10251125C08.D Operator : VOA110:JIC
Date Inj'd : 11/25/2025 5:12 pm Instrument : VOA110
Sample : L2574258-07,31,5.43,5,,B,3Quant Date : 11/26/2025 6:49 am

Compound #103: n-Butylbenzene



Original Peak Response = 4327



Manual Peak Response = 4484 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C09.D
Acq On : 25 Nov 2025 5:39 pm
Operator : VOA110:JIC
Sample : L2574258-13,31,5.05,5,,B,31.98,37.28,0.25
Misc : WG2147003,ICAL22640
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 26 13:54:25 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.248	96	191896	20.000	ug/L	0.00
Standard Area 1 = 204110			Recovery =	94.02%		
59) Chlorobenzene-d5	9.803	117	151792	20.000	ug/L	0.00
Standard Area 1 = 167631			Recovery =	90.55%		
79) 1,4-Dichlorobenzene-d4	12.456	152	88083	20.000	ug/L	0.00
Standard Area 1 = 107503			Recovery =	81.94%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.425	113	58047	22.496	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	112.48%		
43) 1,2-Dichloroethane-d4	5.965	65	67941	25.779	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	128.90%		
60) Toluene-d8	7.947	98	176519	18.850	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	94.25%		
83) 4-Bromofluorobenzene	11.266	95	69330	18.770	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	93.85%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.954	50	135	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.363	94	110	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	3.191	96	51	N.D.		
11) Carbon disulfide	3.170	76	570	N.D.		
15) Methylene chloride	3.689	84	284	0.107	ug/L #	78
17) Acetone	3.758	43	2146	0.466	ug/L #	56
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	4.539	43	56	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	5.252	83	1278	0.295	ug/L #	81

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C09.D
Acq On : 25 Nov 2025 5:39 pm
Operator : VOA110:JIC
Sample : L2574258-13,31,5.05,5,,B,31.98,37.28,0.25
Misc : WG2147003,ICAL22640
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 26 13:54:25 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	5.839	78	48	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	6.390	95	52	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	8.010	92	58	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.866	91	809	N.D.		
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	10.049	106	371	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	11.428	91	52	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
88) 4-Ethyltoluene	11.549	105	189	N.D.		
89) 2-Chlorotoluene	11.428	91	52	N.D.		
90) 1,3,5-Trimethylbenzene	11.638	105	201	N.D.		
91) 1,2,3-Trichloropropane	0.000		0	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
93) 4-Chlorotoluene	11.764	91	49	N.D.		
94) tert-Butylbenzene	0.000		0	N.D.		

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C09.D
Acq On : 25 Nov 2025 5:39 pm
Operator : VOA110:JIC
Sample : L2574258-13,31,5.05,5,,B,31.98,37.28,0.25
Misc : WG2147003,ICAL22640
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 26 13:54:25 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.047	105	771		N.D.	
98) sec-Butylbenzene	12.047	105	771		N.D.	
99) p-Isopropyltoluene	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	12.477	146	48		N.D.	
101) 1,4-Dichlorobenzene	12.477	146	48		N.D.	
102) p-Diethylbenzene	12.707	119	110		N.D.	
103) n-Butylbenzene	0.000		0		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	13.510	119	103		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
110) Naphthalene	14.590	128	374		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

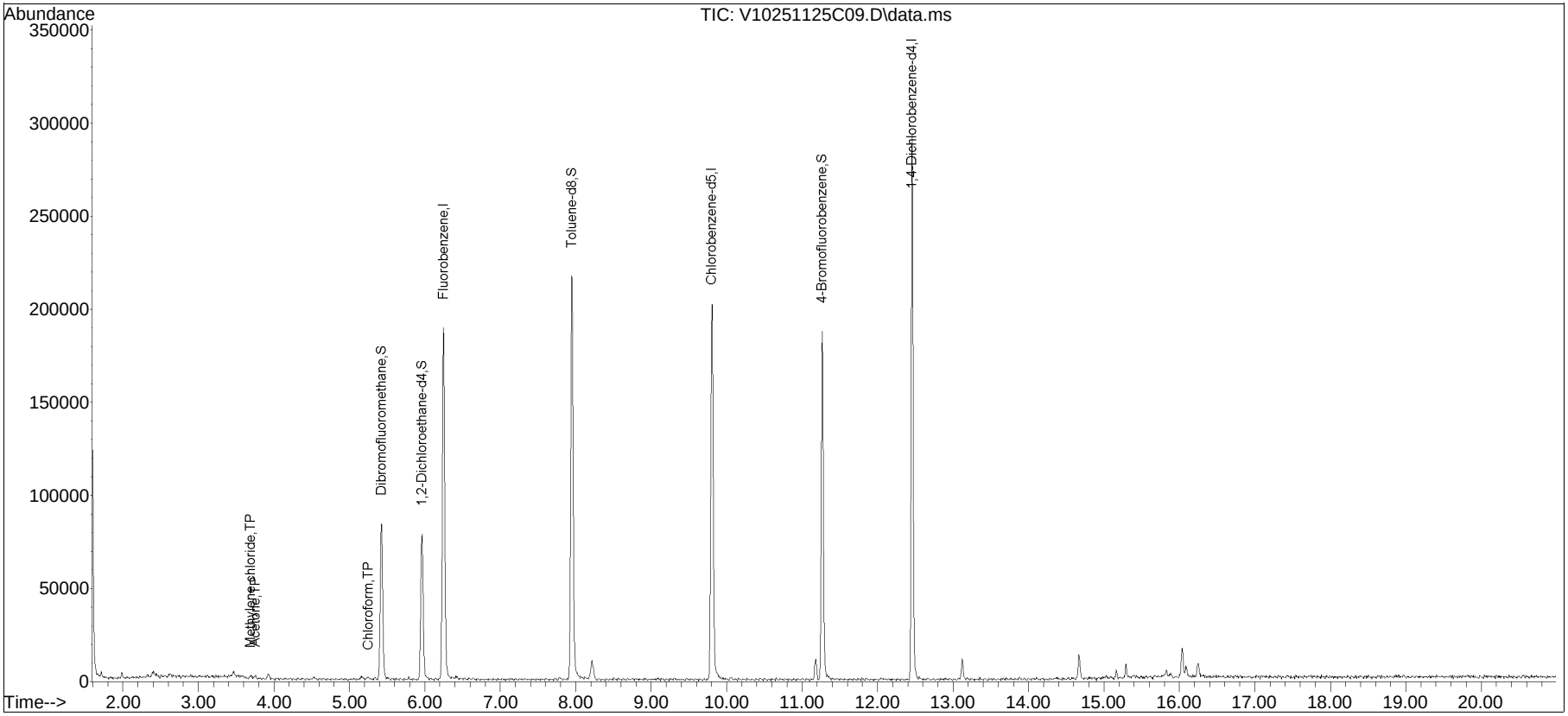
(#) = qualifier out of range (m) = manual integration (+) = signals summed

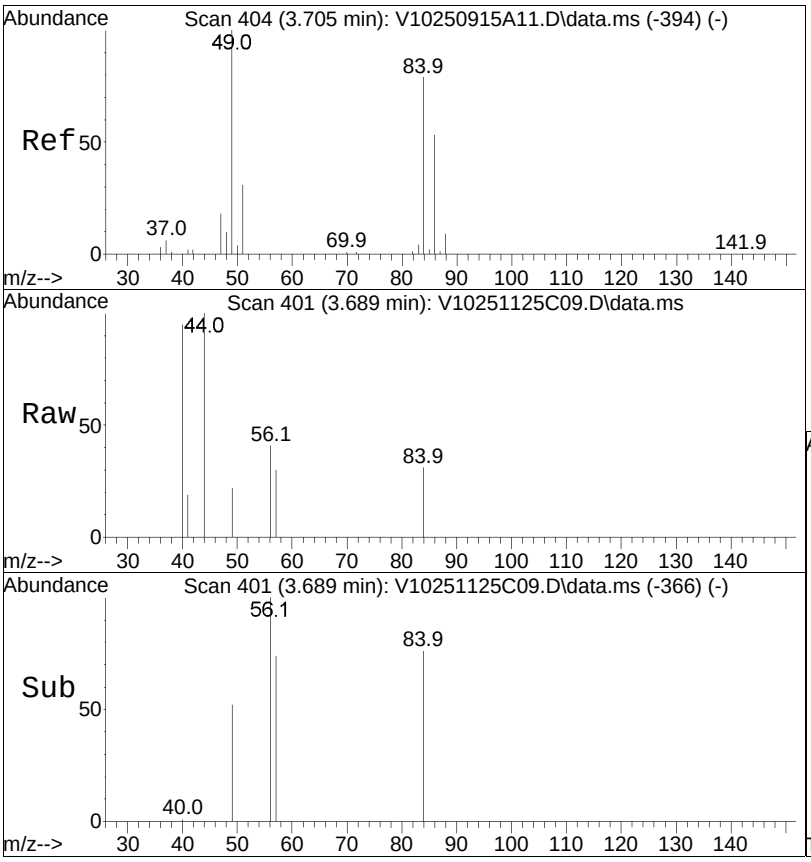
Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C09.D
Acq On : 25 Nov 2025 5:39 pm
Operator : VOA110:JIC
Sample : L2574258-13,31,5.05,5,,B,31.98,37.28,0.25
Misc : WG2147003,ICAL22640
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 26 13:54:25 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251125C01.D•

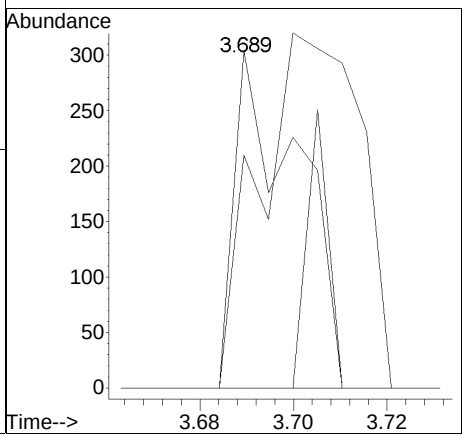


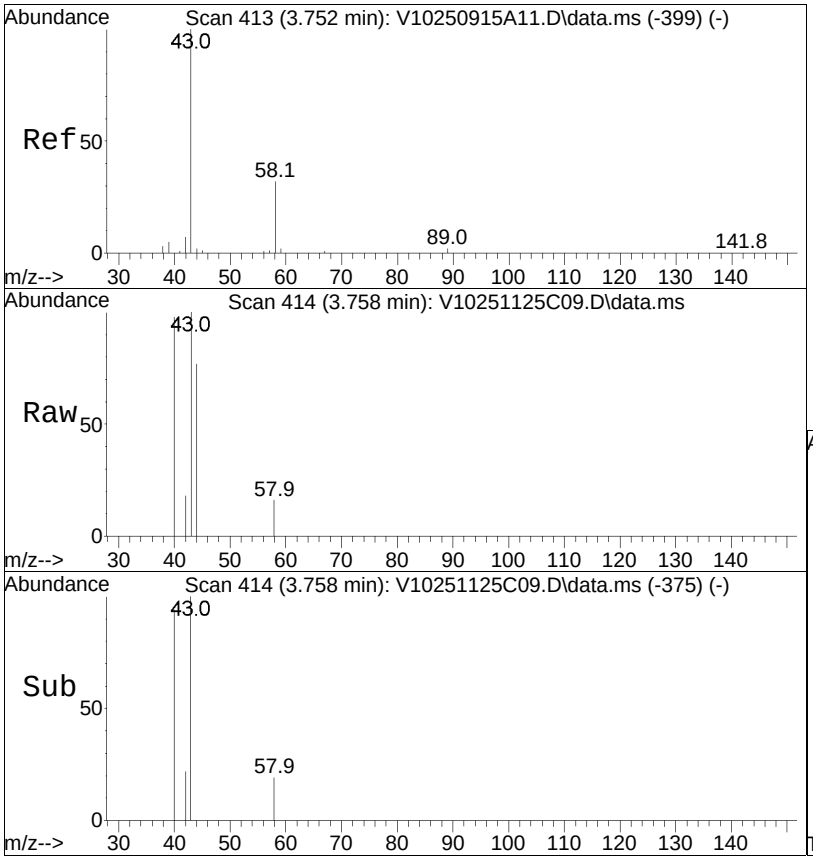


#15
Methylene chloride
Concen: 0.11 ug/L
RT: 3.689 min Scan# 401
Delta R.T. -0.015 min
Lab File: V10251125C09.D
Acq: 25 Nov 2025 5:39 pm

Tgt Ion: 84 Resp: 284

Ion	Ratio	Lower	Upper
84	100		
86	27.8	41.5	86.3#
49	167.6	99.3	206.1

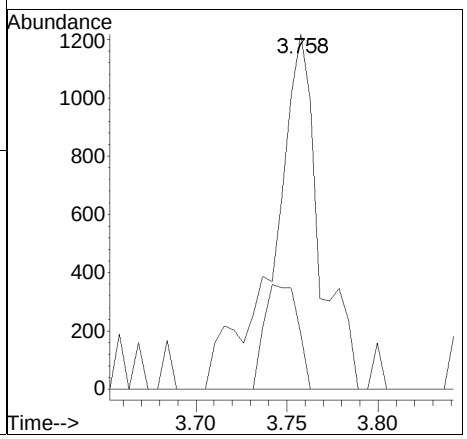


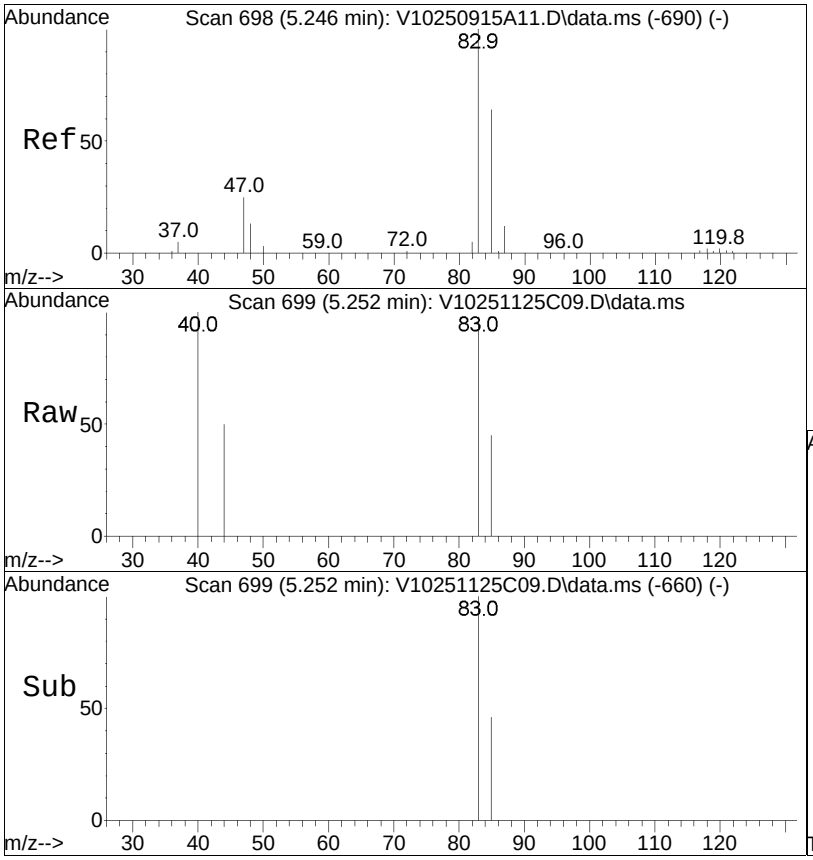


#17
Acetone
Concen: 0.47 ug/L
RT: 3.758 min Scan# 414
Delta R.T. 0.006 min
Lab File: V10251125C09.D
Acq: 25 Nov 2025 5:39 pm

Tgt Ion: 43 Resp: 2146

Ion	Ratio	Lower	Upper
43	100		
58	21.3	5.0	7.6#

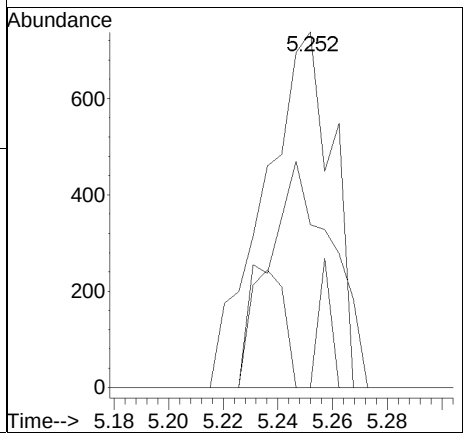




#32
Chloroform
Concen: 0.29 ug/L
RT: 5.252 min Scan# 699
Delta R.T. 0.005 min
Lab File: V10251125C09.D
Acq: 25 Nov 2025 5:39 pm

Tgt Ion: 83 Resp: 1278

Ion	Ratio	Lower	Upper
83	100		
85	60.2	41.9	87.1
47	6.6	18.4	38.2#
48	0.0	9.4	19.4#



Manual Integration Report

Data Path	: K:\VOA110\2025\251125C\	QMethod	: V110_250915A_8260.m
Data File	: V10251125C09.D	Operator	: VOA110:JIC
Date Inj'd	: 11/25/2025 5:39 pm	Instrument	: VOA110
Sample	: L2574258-13,31,5.05,5,,B,3	Quant Date	: 11/26/2025 6:49 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A21.D
Acq On : 26 Nov 2025 03:14 pm
Operator : VOA100:AJK
Sample : L2574258-11,31H,5.97,5,0.100,,A,29.32,35.79,0
Misc : WG2146952,ICAL22760
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 28 08:25:54 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.227	96	472350	20.000 ug/L	0.00
Standard Area 1 = 378260			Recovery = 124.87%		
60) Chlorobenzene-d5	9.792	117	389288	20.000 ug/L	0.00
Standard Area 1 = 324241			Recovery = 120.06%		
80) 1,4-Dichlorobenzene-d4	12.461	152	252986	20.000 ug/L	0.00
Standard Area 1 = 197845			Recovery = 127.87%		
System Monitoring Compounds					
37) Dibromofluoromethane	5.409	113	126658	17.638 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 88.19%		
44) 1,2-Dichloroethane-d4	5.934	65	112290	17.295 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 86.48%		
61) Toluene-d8	7.936	98	479737	20.390 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.95%		
84) 4-Bromofluorobenzene	11.261	95	550202	56.290 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 281.45%#		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	2.022	50	54	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.368	94	348	Below Cal	96
6) Chloroethane	2.436	64	157	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	3.155	76	21974	Below Cal	97
15) Methylene chloride	3.690	84	4374	0.565 ug/L #	56
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	3.988	73	51	N.D.	
23) 1,1-Dichloroethane	4.528	63	790	N.D.	
25) Acrylonitrile	0.000		0	N.D. d	
27) Vinyl acetate	0.000		0	N.D. d	
28) cis-1,2-Dichloroethene	4.916	96	663	N.D.	
29) 2,2-Dichloropropane	5.079	77	103	N.D.	
31) Bromochloromethane	0.000		0	N.D.	
33) Chloroform	0.000		0	N.D. d	

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A21.D
Acq On : 26 Nov 2025 03:14 pm
Operator : VOA100:AJK
Sample : L2574258-11,31H,5.97,5,0.100,,A,29.32,35.79,0
Misc : WG2146952,ICAL22760
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 28 08:25:54 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
35) Carbon tetrachloride	0.000		0	N.D.			
38) 1,1,1-Trichloroethane	5.567	97	988	N.D.			
40) 2-Butanone	0.000		0	N.D.	d		
41) 1,1-Dichloropropene	5.462	75	48	N.D.			
42) Benzene	5.813	78	355	N.D.			
45) 1,2-Dichloroethane	6.007	62	238	N.D.			
49) Trichloroethene	0.000		0	N.D.	d		
51) Dibromomethane	0.000		0	N.D.	d		
52) 1,2-Dichloropropane	6.982	63	188	N.D.			
55) Bromodichloromethane	0.000		0	N.D.	d		
58) 1,4-Dioxane	0.000		0	N.D.			
59) cis-1,3-Dichloropropene	7.779	75	50	N.D.			
62) Toluene	8.005	92	1815	0.116	ug/L	#	1
63) 4-Methyl-2-pentanone	0.000		0	N.D.	d		
64) Tetrachloroethene	0.000		0	N.D.			
66) trans-1,3-Dichloropropene	8.445	75	48	N.D.			
69) 1,1,2-Trichloroethane	0.000		0	N.D.	d		
70) Chlorodibromomethane	8.880	129	68	N.D.			
71) 1,3-Dichloropropane	8.975	76	175	N.D.			
72) 1,2-Dibromoethane	0.000		0	N.D.	d		
73) 2-Hexanone	0.000		0	N.D.	d		
74) Chlorobenzene	0.000		0	N.D.	d		
75) Ethylbenzene	9.861	91	90513	2.942	ug/L		99
76) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
77) p/m Xylene	10.044	106	77797	6.304	ug/L		80
78) o Xylene	10.579	106	7715	0.630	ug/L	#	1
79) Styrene	10.637	104	579	N.D.			
81) Bromoform	10.652	173	59	N.D.			
83) Isopropylbenzene	10.951	105	286964	8.176	ug/L		96
85) Bromobenzene	0.000		0	N.D.	d		
86) n-Propylbenzene	11.423	91	435896	10.293	ug/L		95
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d		
89) 4-Ethyltoluene	11.549	105	82039	2.374	ug/L		96
90) 2-Chlorotoluene	0.000		0	N.D.	d		
91) 1,3,5-Trimethylbenzene	11.643	105	42189	1.416	ug/L		94
92) 1,2,3-Trichloropropane	0.000		0	N.D.	d		
93) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d		
94) 4-Chlorotoluene	0.000		0	N.D.	d		
95) tert-Butylbenzene	11.984	119	11363	0.431	ug/L	#	59

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A21.D
Acq On : 26 Nov 2025 03:14 pm
Operator : VOA100:AJK
Sample : L2574258-11,31H,5.97,5,0.100,,A,29.32,35.79,0
Misc : WG2146952,ICAL22760
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 28 08:25:54 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
98) 1,2,4-Trimethylbenzene	12.057	105	139490	4.760	ug/L	99
99) sec-Butylbenzene	12.173	105	179135	4.618	ug/L #	63
100) p-Isopropyltoluene	12.325	119	21234	0.619	ug/L #	75
101) 1,3-Dichlorobenzene	12.472	146	153	N.D.		
102) 1,4-Dichlorobenzene	12.472	146	153	N.D.		
103) p-Diethylbenzene	12.692	119	84682M6	4.113	ug/L	
104) n-Butylbenzene	12.755	91	57031	1.898	ug/L	93
105) 1,2-Dichlorobenzene	0.000		0	N.D.	d	
106) 1,2,4,5-Tetramethylben...	13.484	119	143220	4.630	ug/L #	65
107) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	d	
109) Hexachlorobutadiene	0.000		0	N.D.		
110) 1,2,4-Trichlorobenzene	0.000		0	N.D.	d	
111) Naphthalene	14.595	128	277561	10.537	ug/L	100
112) 1,2,3-Trichlorobenzene	0.000		0	N.D.	d	

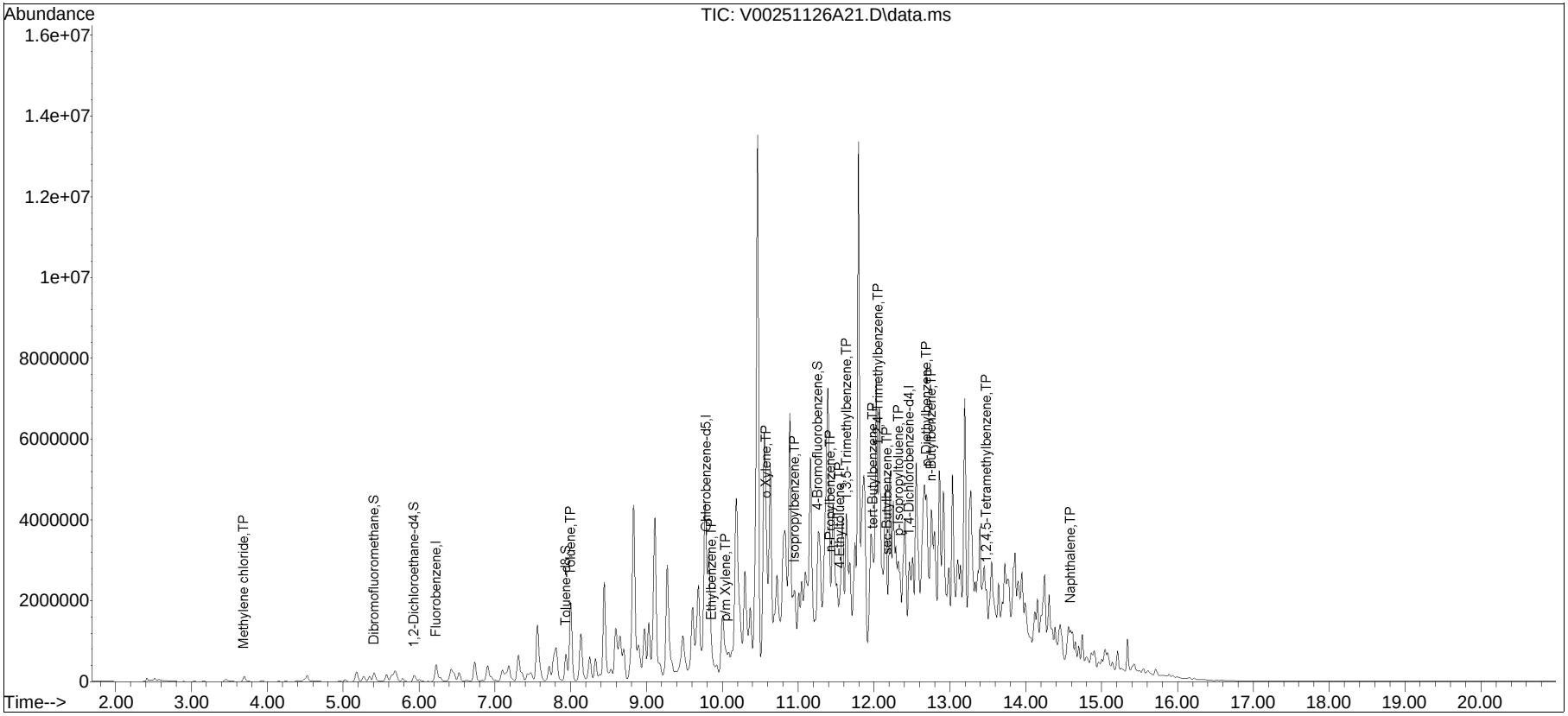
(#) = qualifier out of range (m) = manual integration (+) = signals summed

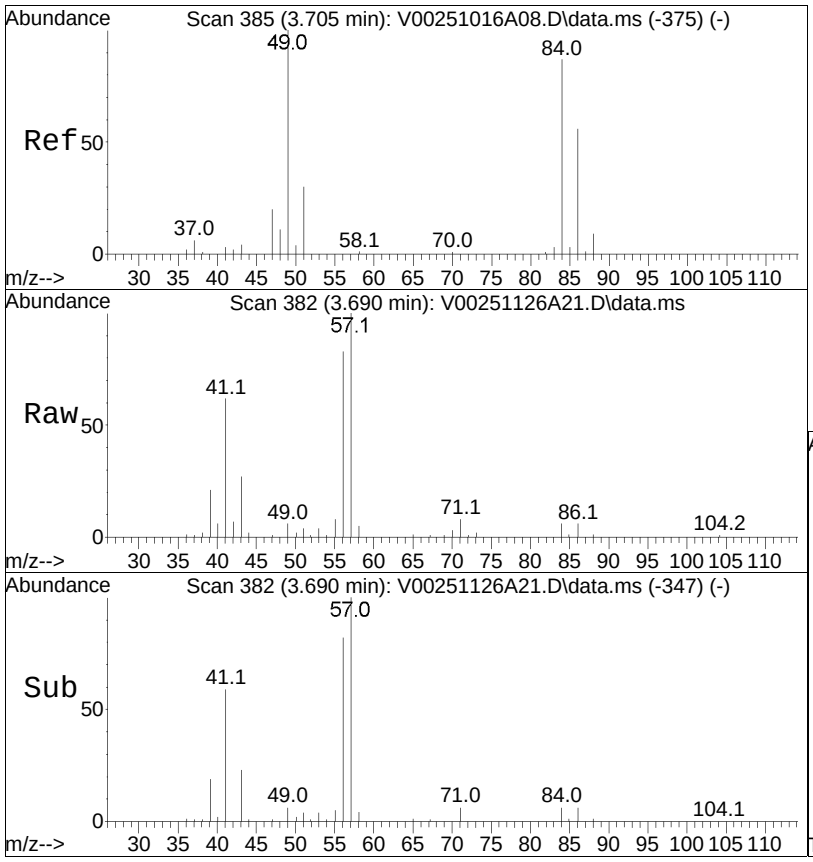
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A21.D
Acq On : 26 Nov 2025 03:14 pm
Operator : VOA100:AJK
Sample : L2574258-11,31H,5.97,5,0.100,,A,29.32,35.79,0
Misc : WG2146952,ICAL22760
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 28 08:25:54 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251126A01.D•

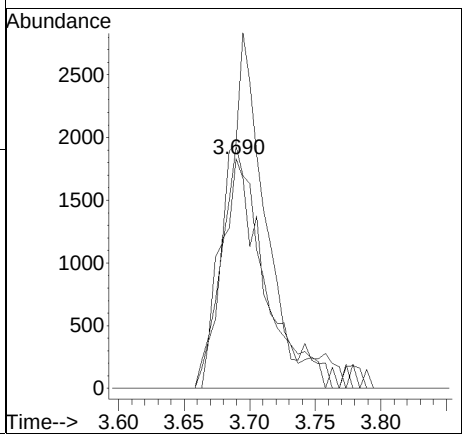


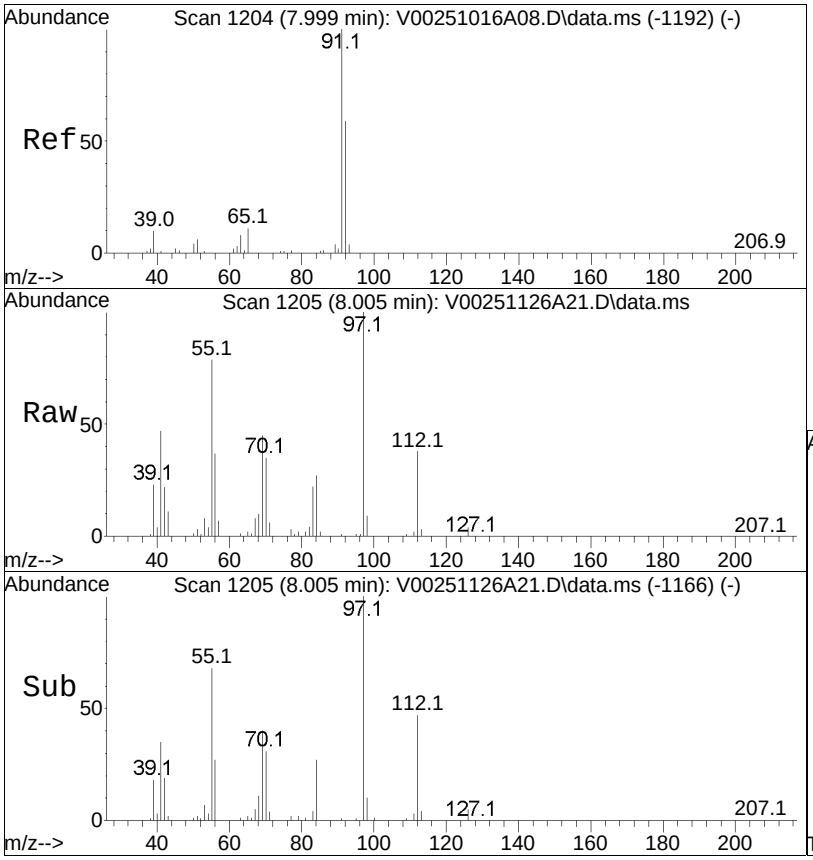


#15
Methylene chloride
Concen: 0.56 ug/L
RT: 3.690 min Scan# 382
Delta R.T. -0.015 min
Lab File: V00251126A21.D
Acq: 26 Nov 2025 03:14 pm

Tgt Ion: 84 Resp: 4374

Ion	Ratio	Lower	Upper
84	100		
86	135.3	39.6	82.2#
49	95.5	72.7	150.9

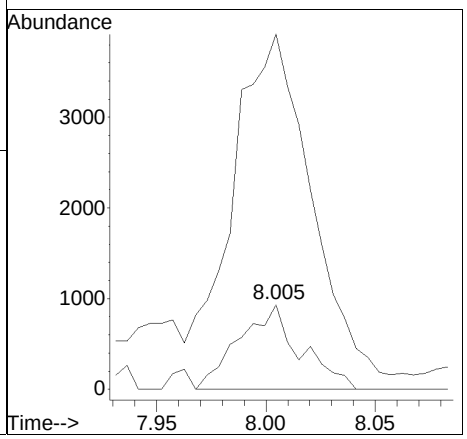


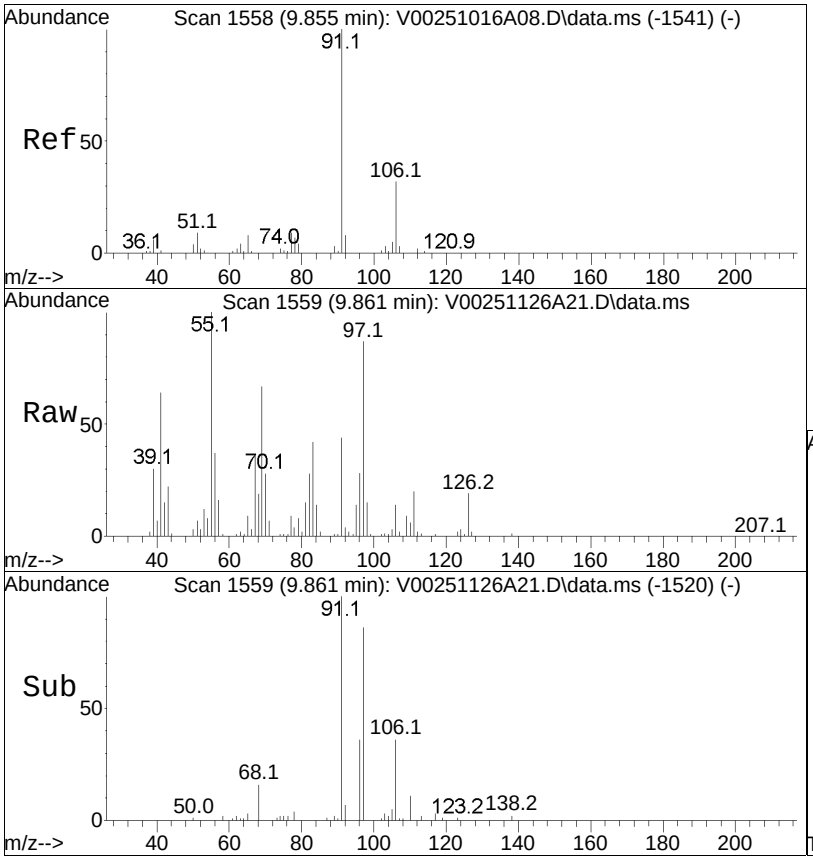


#62
Toluene
Concen: 0.12 ug/L
RT: 8.005 min Scan# 1205
Delta R.T. 0.005 min
Lab File: V00251126A21.D
Acq: 26 Nov 2025 03:14 pm

Tgt Ion: 92 Resp: 1815

Ion	Ratio	Lower	Upper
92	100		
91	505.1	138.2	207.2#

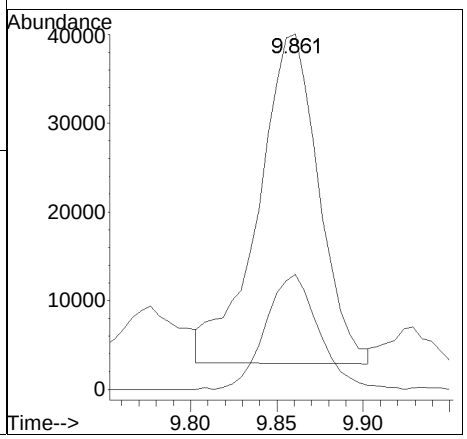


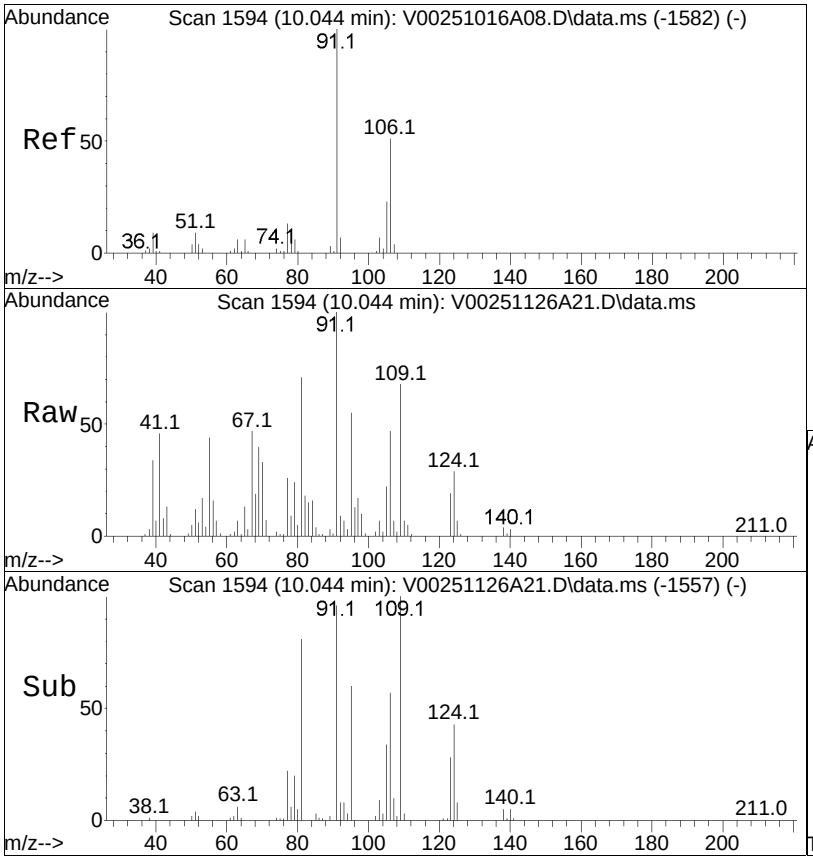


#75
Ethylbenzene
Concen: 2.94 ug/L
RT: 9.861 min Scan# 1559
Delta R.T. 0.005 min
Lab File: V00251126A21.D
Acq: 26 Nov 2025 03:14 pm

Tgt Ion: 91 Resp: 90513

Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.1	37.7

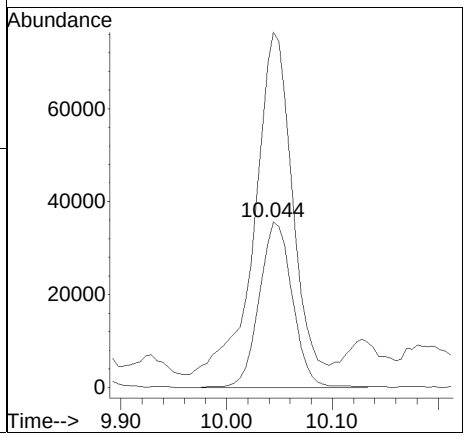


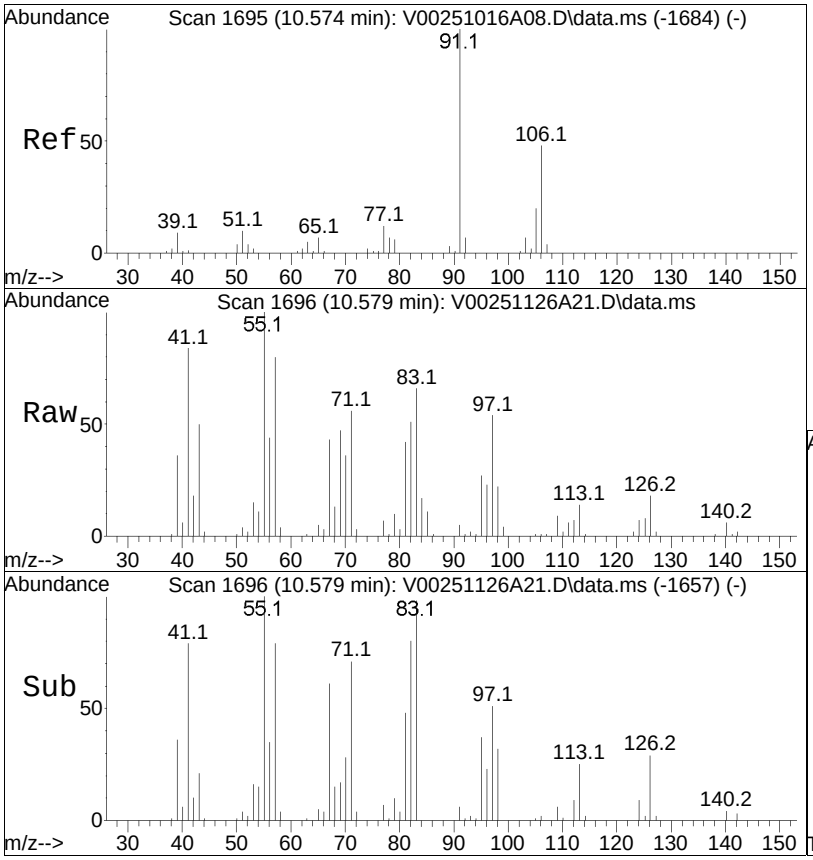


#77
p/m Xylene
Concen: 6.30 ug/L
RT: 10.044 min Scan# 1594
Delta R.T. -0.006 min
Lab File: V00251126A21.D
Acq: 26 Nov 2025 03:14 pm

Tgt Ion:106 Resp: 77797

Ion	Ratio	Lower	Upper
106	100		
91	229.4	159.5	239.3

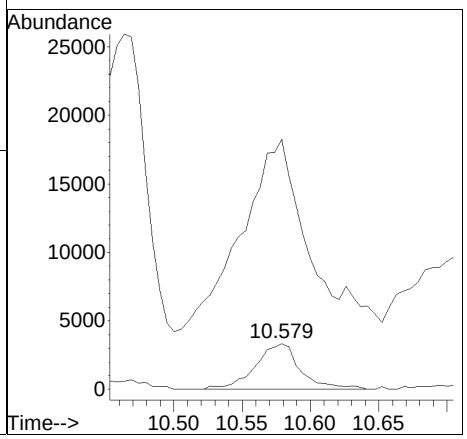


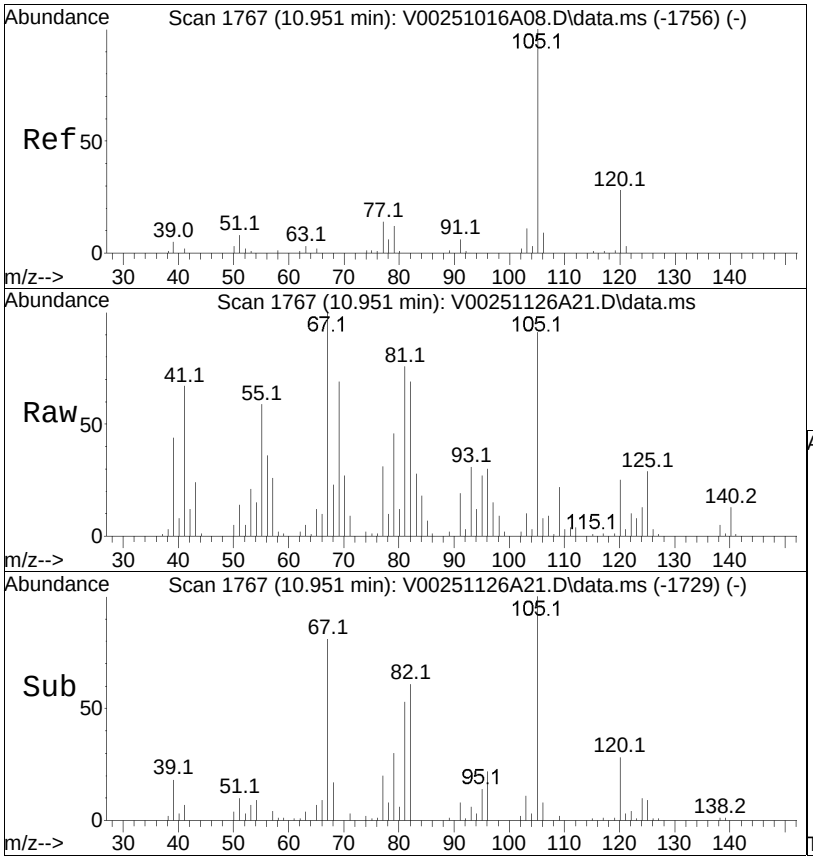


#78
o Xylene
Concen: 0.63 ug/L
RT: 10.579 min Scan# 1696
Delta R.T. 0.005 min
Lab File: V00251126A21.D
Acq: 26 Nov 2025 03:14 pm

Tgt Ion:106 Resp: 7715

Ion	Ratio	Lower	Upper
106	100		
91	579.5	168.6	252.8#

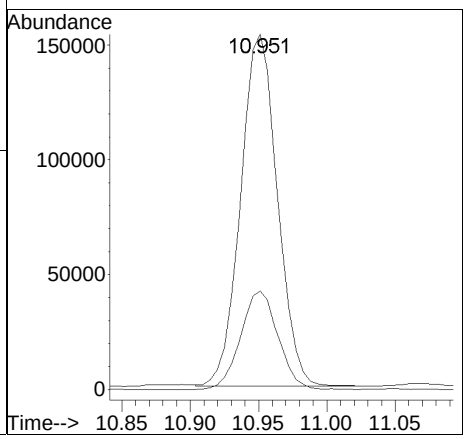


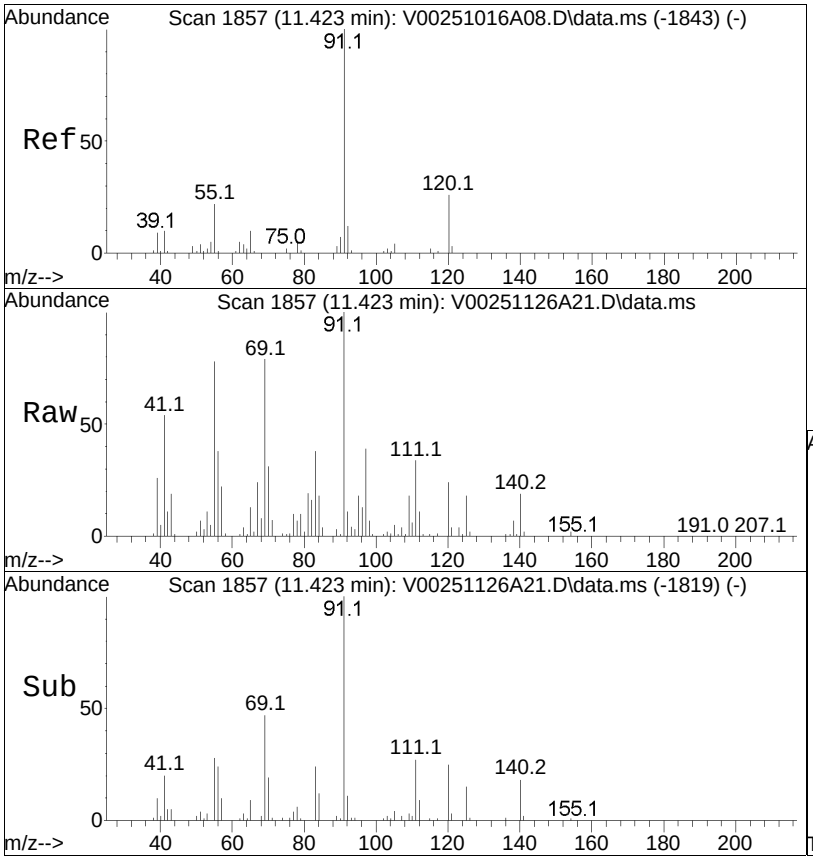


#83
Isopropylbenzene
Concen: 8.18 ug/L
RT: 10.951 min Scan# 1767
Delta R.T. 0.000 min
Lab File: V00251126A21.D
Acq: 26 Nov 2025 03:14 pm

Tgt Ion:105 Resp: 286964

Ion	Ratio	Lower	Upper
105	100		
120	28.3	6.4	46.4

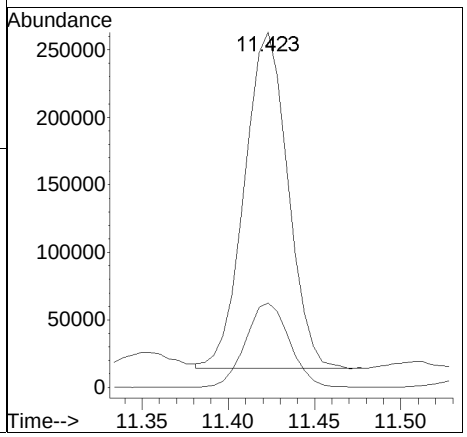


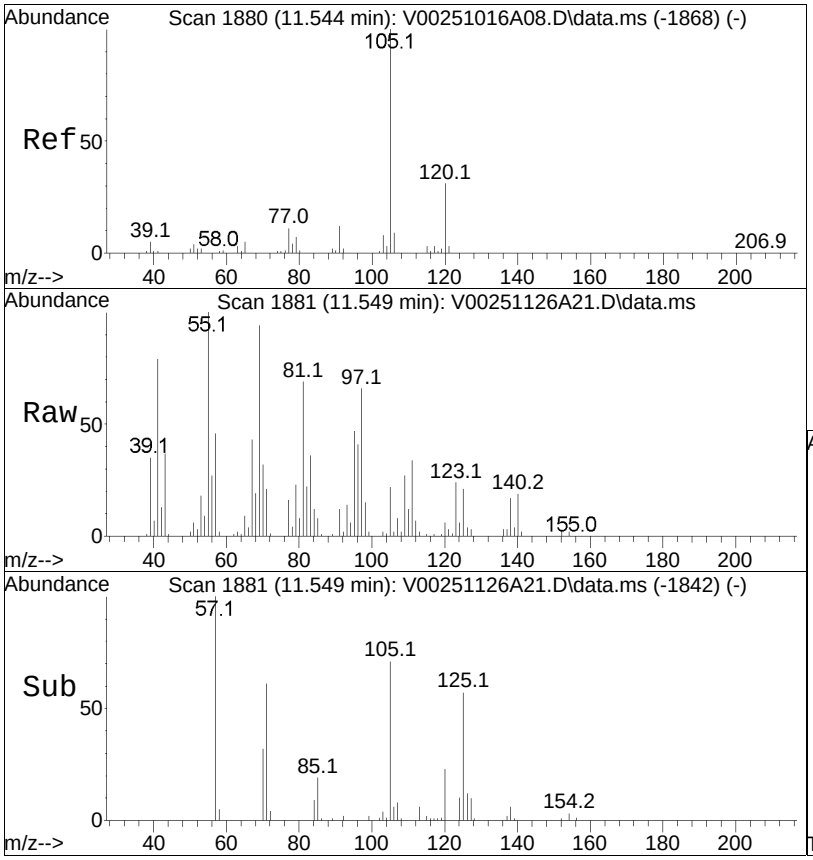


#86
n-Propylbenzene
Concen: 10.29 ug/L
RT: 11.423 min Scan# 1857
Delta R.T. 0.000 min
Lab File: V00251126A21.D
Acq: 26 Nov 2025 03:14 pm

Tgt Ion: 91 Resp: 435896

Ion	Ratio	Lower	Upper
91	100		
120	25.3	18.2	27.2

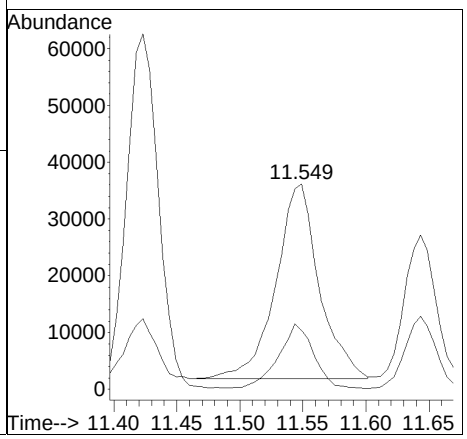


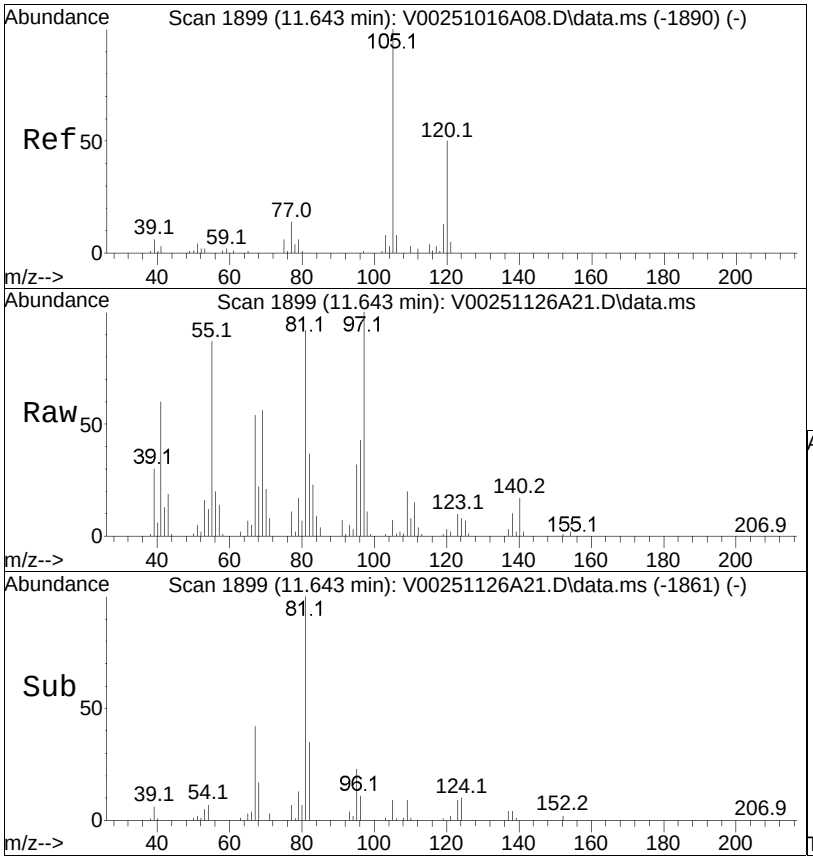


#89
4-Ethyltoluene
Concen: 2.37 ug/L
RT: 11.549 min Scan# 1881
Delta R.T. 0.005 min
Lab File: V00251126A21.D
Acq: 26 Nov 2025 03:14 pm

Tgt Ion:105 Resp: 82039

Ion	Ratio	Lower	Upper
105	100		
120	27.6	19.3	40.1

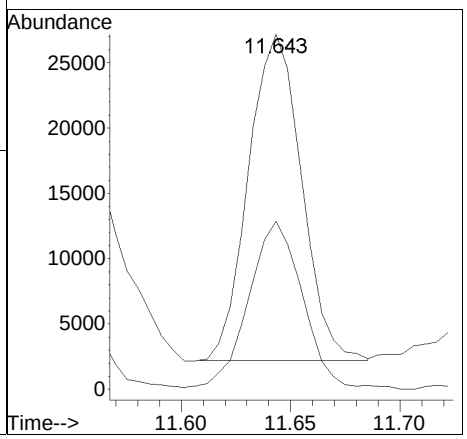


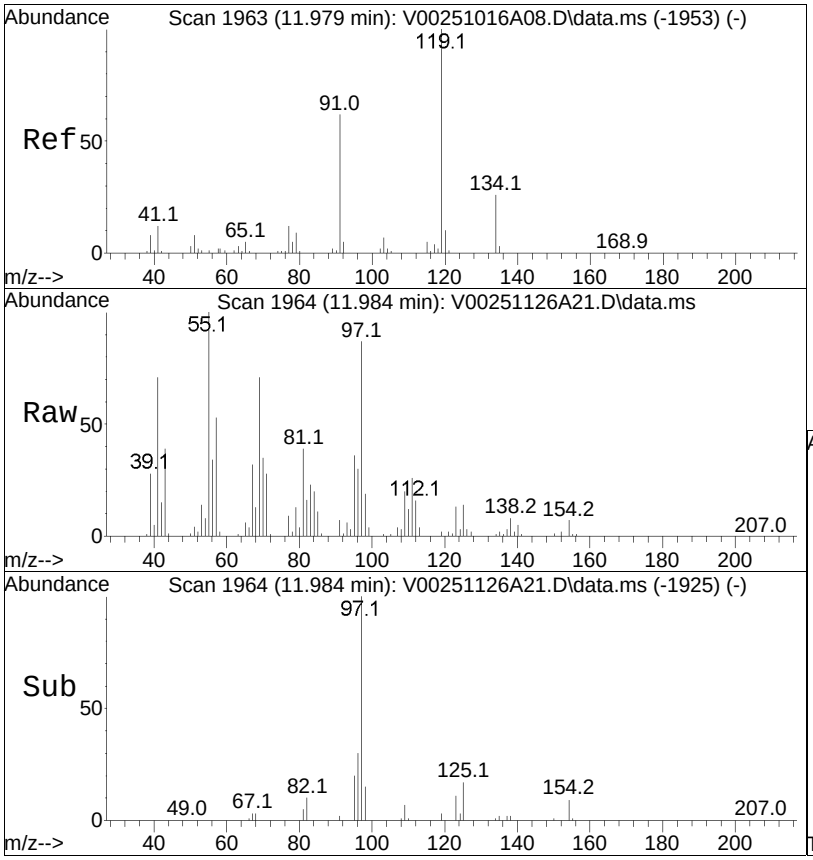


#91
1,3,5-Trimethylbenzene
Concen: 1.42 ug/L
RT: 11.643 min Scan# 1899
Delta R.T. 0.000 min
Lab File: V00251126A21.D
Acq: 26 Nov 2025 03:14 pm

Tgt Ion:105 Resp: 42189

Ion	Ratio	Lower	Upper
105	100		
120	52.7	39.1	58.7

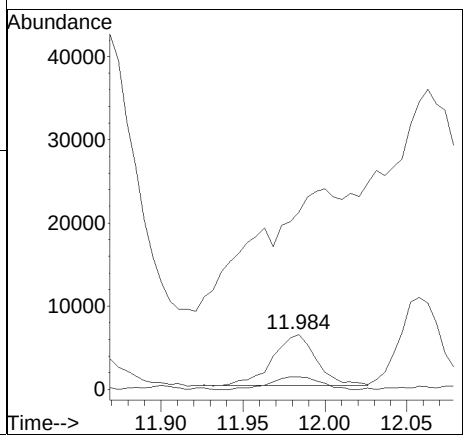


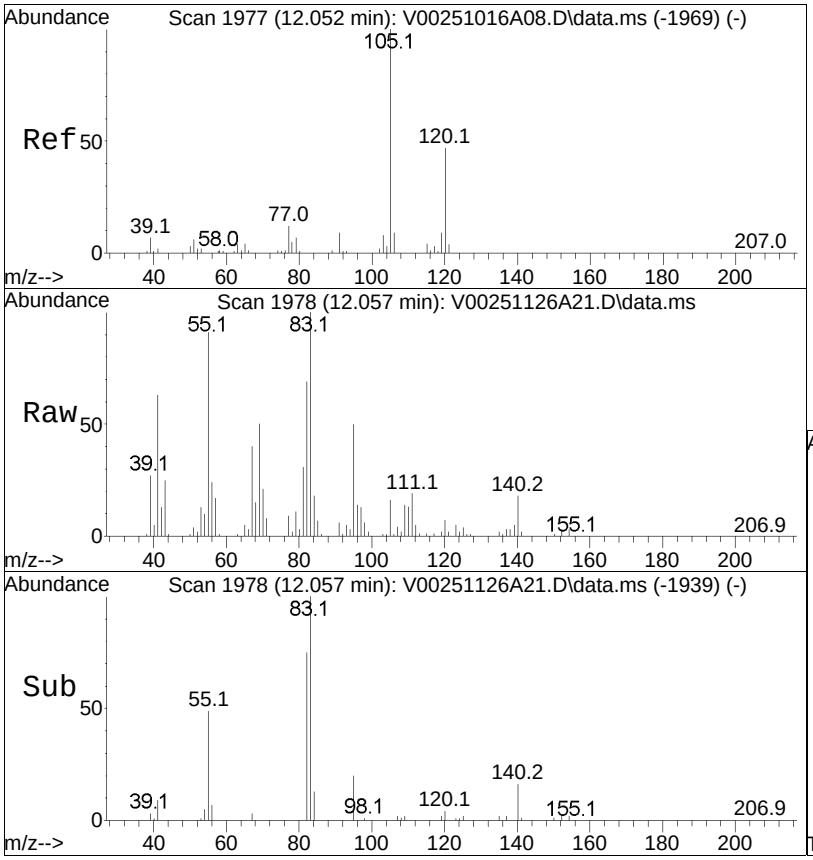


#95
tert-Butylbenzene
Concen: 0.43 ug/L
RT: 11.984 min Scan# 1964
Delta R.T. 0.005 min
Lab File: V00251126A21.D
Acq: 26 Nov 2025 03:14 pm

Tgt Ion:119 Resp: 11363

Ion	Ratio	Lower	Upper
119	100		
91	113.1	54.8	82.2#
134	28.2	20.6	30.8

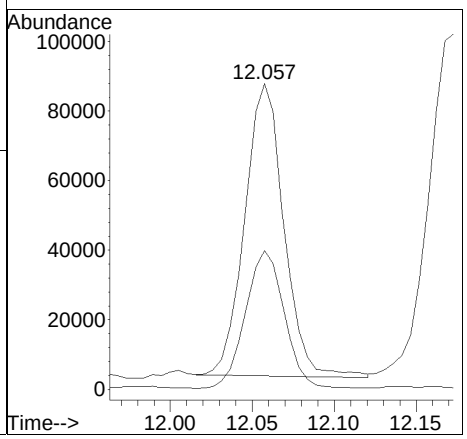


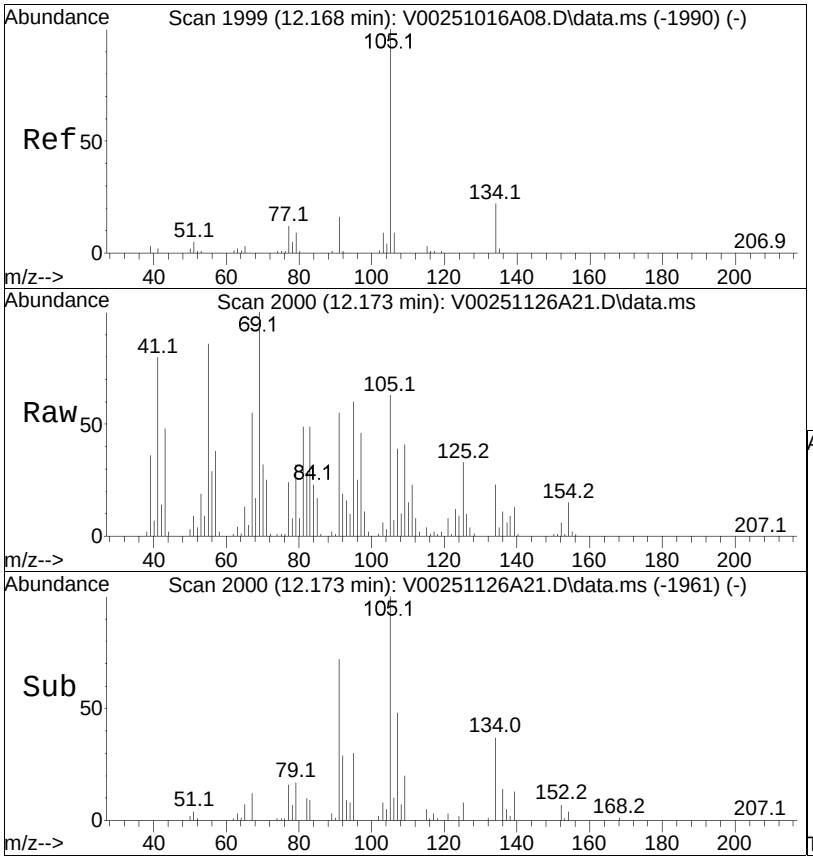


#98
1,2,4-Trimethylbenzene
Concen: 4.76 ug/L
RT: 12.057 min Scan# 1978
Delta R.T. 0.005 min
Lab File: V00251126A21.D
Acq: 26 Nov 2025 03:14 pm

Tgt Ion:105 Resp: 139490

Ion	Ratio	Lower	Upper
105	100		
120	46.7	37.1	55.7

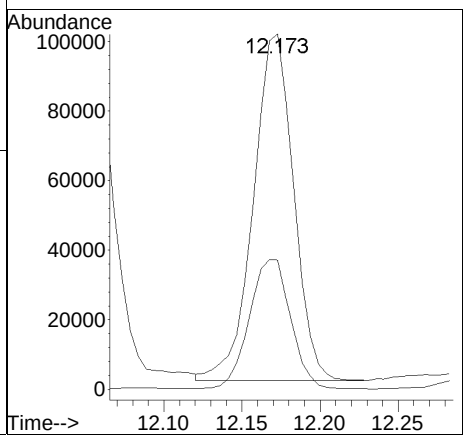


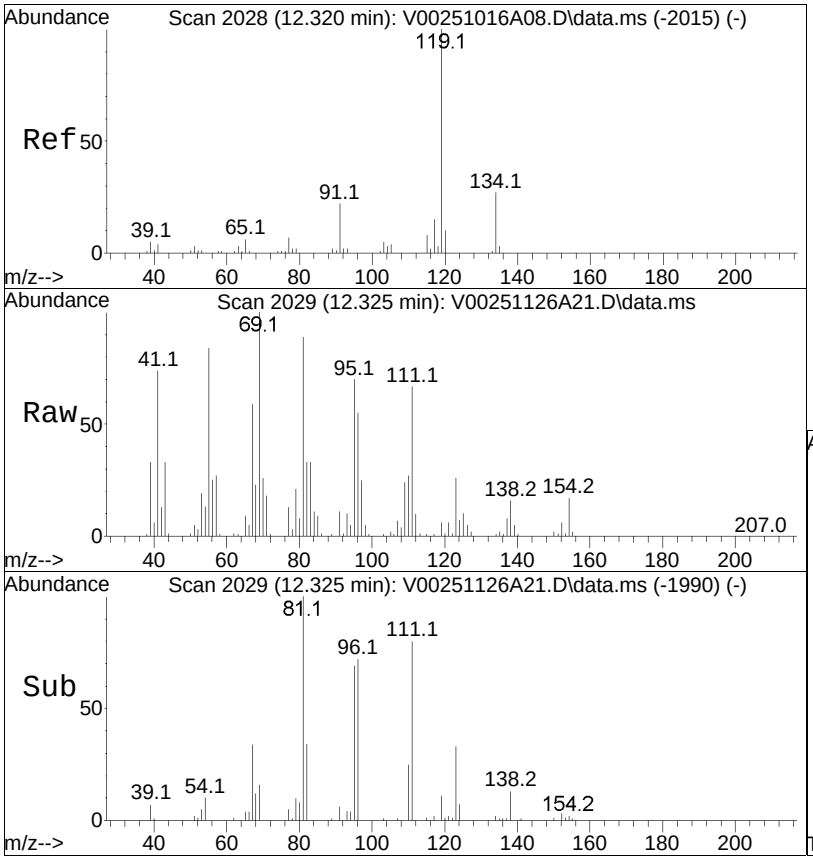


#99
sec-Butylbenzene
Concen: 4.62 ug/L
RT: 12.173 min Scan# 2000
Delta R.T. 0.005 min
Lab File: V00251126A21.D
Acq: 26 Nov 2025 03:14 pm

Tgt Ion:105 Resp: 179135

Ion	Ratio	Lower	Upper
105	100		
134	38.1	13.5	27.9#

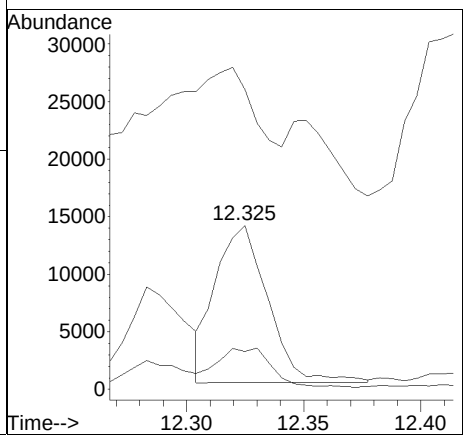


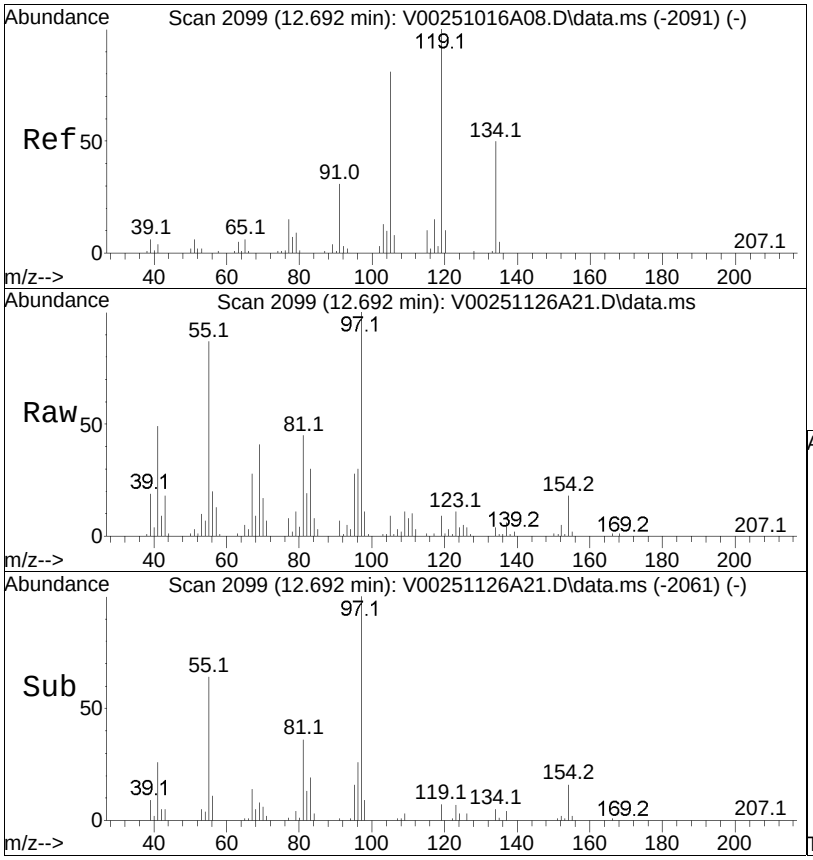


#100
p-Isopropyltoluene
Concen: 0.62 ug/L
RT: 12.325 min Scan# 2029
Delta R.T. 0.005 min
Lab File: V00251126A21.D
Acq: 26 Nov 2025 03:14 pm

Tgt Ion:119 Resp: 21234

Ion	Ratio	Lower	Upper
119	100		
134	28.1	17.4	36.0
91	0.0	15.8	32.8#

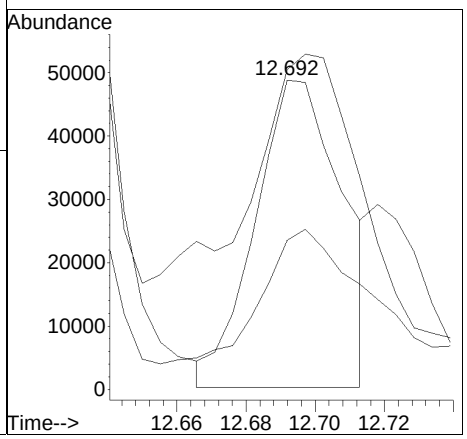


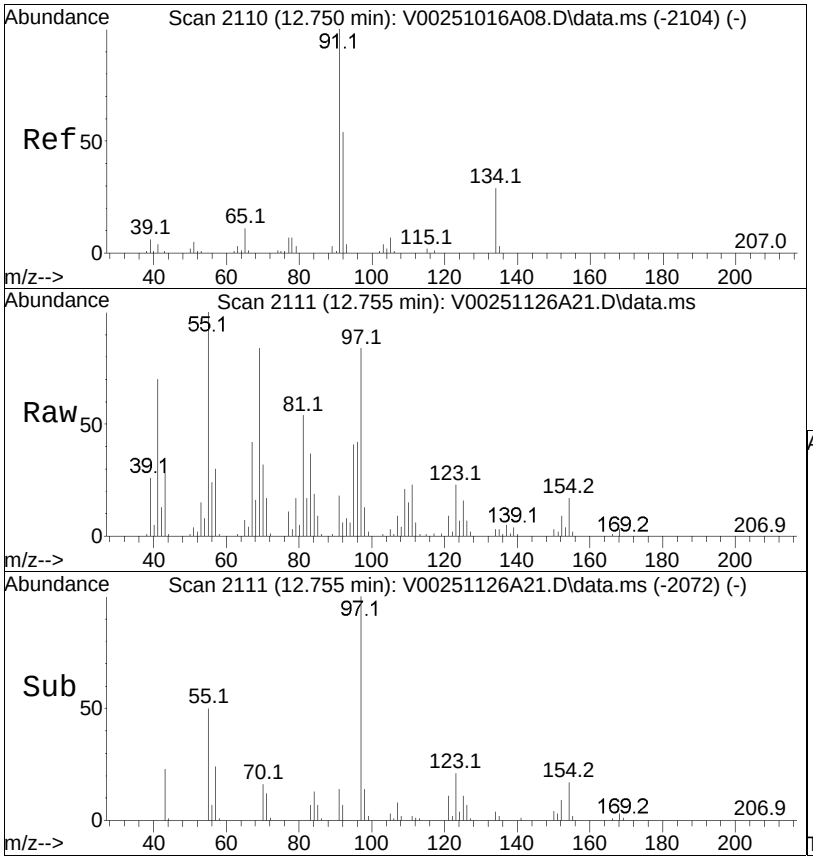


#103
p-Diethylbenzene
Concen: 4.11 ug/L M6
RT: 12.692 min Scan# 2099
Delta R.T. -0.000 min
Lab File: V00251126A21.D
Acq: 26 Nov 2025 03:14 pm

Tgt Ion:119 Resp: 84682

Ion	Ratio	Lower	Upper
119	100		
105	123.9	56.4	117.0#
134	68.4	30.4	63.0#

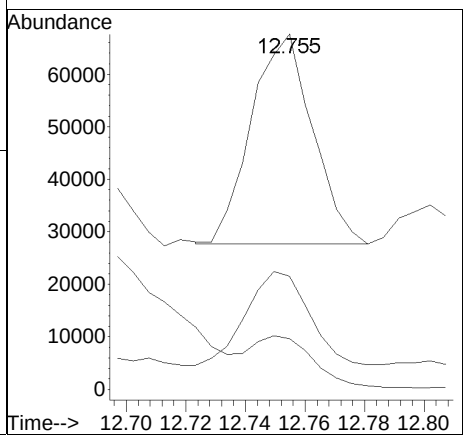


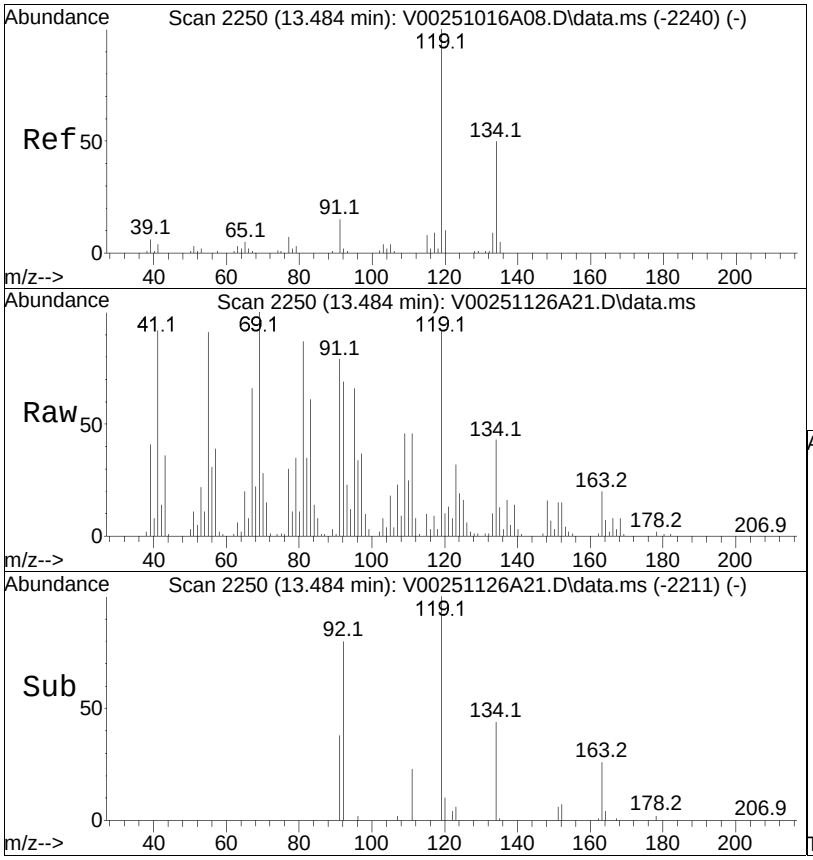


#104
n-Butylbenzene
Concen: 1.90 ug/L
RT: 12.755 min Scan# 2111
Delta R.T. 0.005 min
Lab File: V00251126A21.D
Acq: 26 Nov 2025 03:14 pm

Tgt Ion: 91 Resp: 57031

Ion	Ratio	Lower	Upper
91	100		
92	47.2	43.7	65.5
134	26.7	21.5	32.3

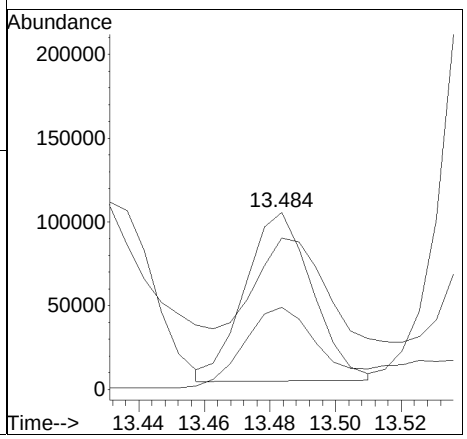


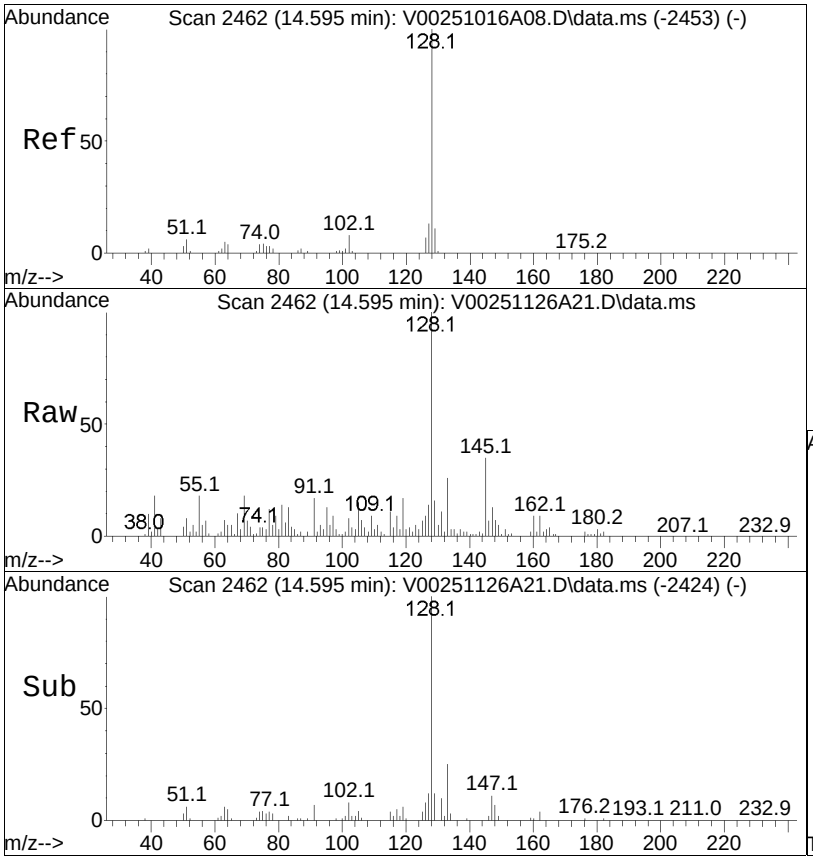


#106
1,2,4,5-Tetramethylbenzene
Concen: 4.63 ug/L
RT: 13.484 min Scan# 2250
Delta R.T. 0.006 min
Lab File: V00251126A21.D
Acq: 26 Nov 2025 03:14 pm

Tgt Ion:119 Resp: 143220

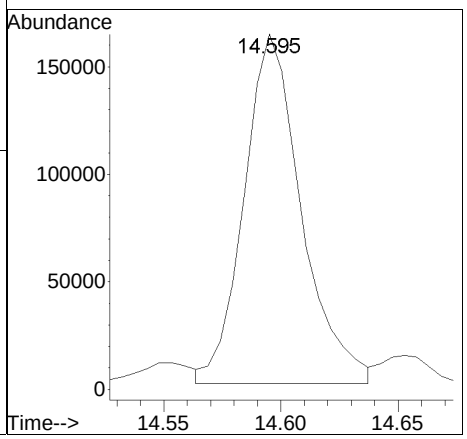
Ion	Ratio	Lower	Upper
119	100		
134	55.0	31.0	64.4
91	62.2	10.7	22.1#





#111
Naphthalene
Concen: 10.54 ug/L
RT: 14.595 min Scan# 2462
Delta R.T. 0.000 min
Lab File: V00251126A21.D
Acq: 26 Nov 2025 03:14 pm

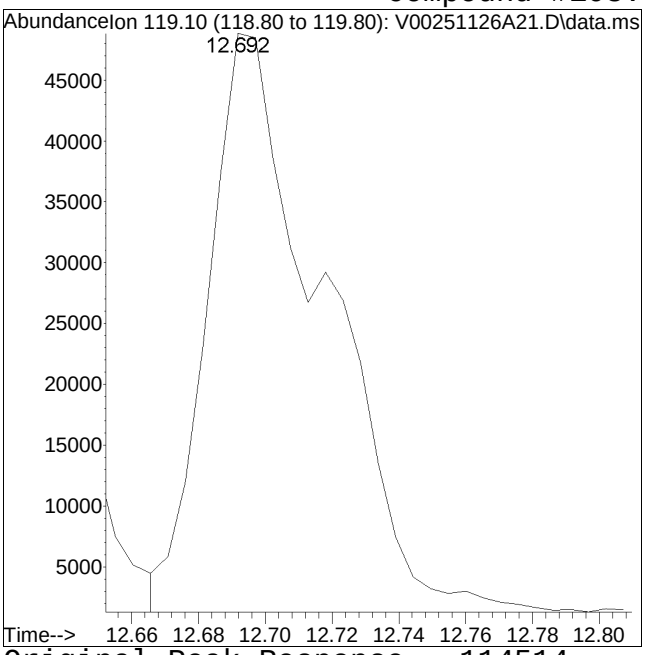
Tgt Ion:128 Resp: 277561



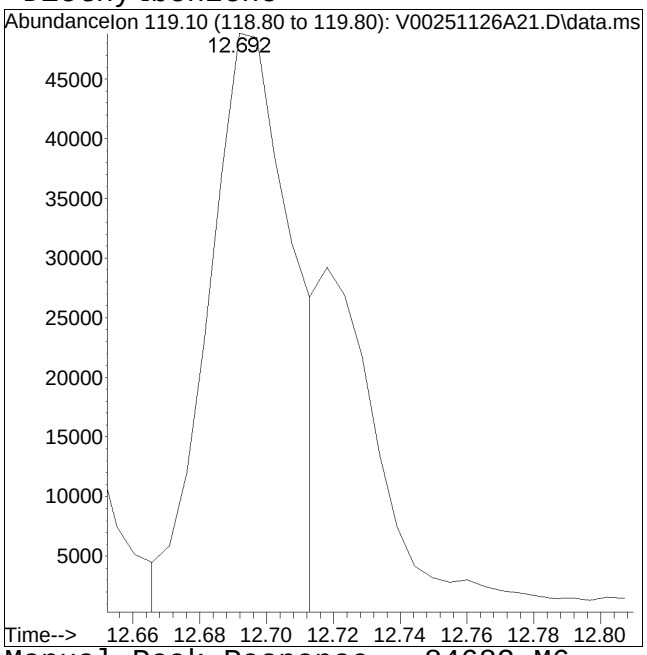
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A21.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 3:14 pm Instrument : VOA100
Sample : L2574258-11,31H,5.97,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #103: p-Diethylbenzene



Original Peak Response = 114514



Manual Peak Response = 84682 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A23.D
Acq On : 26 Nov 2025 04:06 pm
Operator : VOA100:AJK
Sample : L2574258-05,31H,5.55,5,0.100,,A,29.81,35.86,0
Misc : WG2146952,ICAL22760
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 28 08:27:48 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.238	96	829917	20.000 ug/L	0.00
Standard Area 1 = 378260			Recovery = 219.40% *		
60) Chlorobenzene-d5	9.798	117	398754	20.000 ug/L	# 0.00
Standard Area 1 = 324241			Recovery = 122.98%		
80) 1,4-Dichlorobenzene-d4	12.466	152	258315	20.000 ug/L	0.00
Standard Area 1 = 197845			Recovery = 130.56%		
System Monitoring Compounds					
37) Dibromofluoromethane	5.409	113	121612	9.639 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 48.20%#		
44) 1,2-Dichloroethane-d4	5.944	65	200903	17.611 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 88.06%		
61) Toluene-d8	7.942	98	538985	22.365 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 111.83%		
84) 4-Bromofluorobenzene	11.266	95	678299	67.964 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 339.82%#		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	2.022	50	206	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.368	94	334	Below Cal #	63
6) Chloroethane	2.452	64	294	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	2.950	74	50	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	3.160	76	17953	Below Cal	96
15) Methylene chloride	0.000		0	N.D. d	
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	3.936	73	1548	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D. d	
25) Acrylonitrile	0.000		0	N.D. d	
27) Vinyl acetate	0.000		0	N.D. d	
28) cis-1,2-Dichloroethene	0.000		0	N.D. d	
29) 2,2-Dichloropropane	0.000		0	N.D. d	
31) Bromochloromethane	0.000		0	N.D.	
33) Chloroform	0.000		0	N.D. d	

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A23.D
Acq On : 26 Nov 2025 04:06 pm
Operator : VOA100:AJK
Sample : L2574258-05,31H,5.55,5,0.100,,A,29.81,35.86,0
Misc : WG2146952,ICAL22760
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 28 08:27:48 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
35) Carbon tetrachloride	0.000		0	N.D.			
38) 1,1,1-Trichloroethane	5.425	97	1031	N.D.			
40) 2-Butanone	0.000		0	N.D.	d		
41) 1,1-Dichloropropene	5.577	75	1461	N.D.			
42) Benzene	0.000		0	N.D.	d		
45) 1,2-Dichloroethane	0.000		0	N.D.	d		
49) Trichloroethene	0.000		0	N.D.	d		
51) Dibromomethane	0.000		0	N.D.	d		
52) 1,2-Dichloropropane	0.000		0	N.D.	d		
55) Bromodichloromethane	0.000		0	N.D.	d		
58) 1,4-Dioxane	0.000		0	N.D.			
59) cis-1,3-Dichloropropene	7.721	75	1744	N.D.			
62) Toluene	8.005	92	14076	0.878	ug/L	#	1
63) 4-Methyl-2-pentanone	0.000		0	N.D.	d		
64) Tetrachloroethene	0.000		0	N.D.			
66) trans-1,3-Dichloropropene	8.450	75	525	N.D.			
69) 1,1,2-Trichloroethane	0.000		0	N.D.	d		
70) Chlorodibromomethane	0.000		0	N.D.	d		
71) 1,3-Dichloropropane	0.000		0	N.D.	d		
72) 1,2-Dibromoethane	0.000		0	N.D.	d		
73) 2-Hexanone	0.000		0	N.D.	d		
74) Chlorobenzene	0.000		0	N.D.	d		
75) Ethylbenzene	9.866	91	16852676	534.686	ug/L		95
76) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
77) p/m Xylene	10.055	106	6921266	547.501	ug/L		95
78) o Xylene	10.579	106	67681	5.394	ug/L	#	23
79) Styrene	10.642	104	945	N.D.			
81) Bromoform	10.668	173	62	N.D.			
83) Isopropylbenzene	10.951	105	4247736	118.526	ug/L		97
85) Bromobenzene	0.000		0	N.D.	d		
86) n-Propylbenzene	11.423	91	12348026	285.571	ug/L		94
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d		
89) 4-Ethyltoluene	11.544	105	17359746	492.064	ug/L		85
90) 2-Chlorotoluene	0.000		0	N.D.	d		
91) 1,3,5-Trimethylbenzene	11.648	105	12332812	405.428	ug/L		94
92) 1,2,3-Trichloropropane	0.000		0	N.D.	d		
93) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d		
94) 4-Chlorotoluene	0.000		0	N.D.	d		
95) tert-Butylbenzene	11.984	119	145719M3	5.417	ug/L		

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A23.D
Acq On : 26 Nov 2025 04:06 pm
Operator : VOA100:AJK
Sample : L2574258-05,31H,5.55,5,0.100,,A,29.81,35.86,0
Misc : WG2146952,ICAL22760
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 28 08:27:48 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
98) 1,2,4-Trimethylbenzene	12.052	105	24324015M3	812.869	ug/L		
99) sec-Butylbenzene	12.173	105	2009336	50.726	ug/L	#	53
100) p-Isopropyltoluene	12.325	119	2599387	74.219	ug/L		100
101) 1,3-Dichlorobenzene	12.388	146	250	N.D.			
102) 1,4-Dichlorobenzene	12.482	146	1246	N.D.			
103) p-Diethylbenzene	12.708	119	2518560M3	119.800	ug/L		
104) n-Butylbenzene	12.755	91	3976287	129.589	ug/L	#	75
105) 1,2-Dichlorobenzene	12.896	146	263	N.D.			
106) 1,2,4,5-Tetramethylben...	13.489	119	8041464	254.604	ug/L		97
107) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	d		
109) Hexachlorobutadiene	0.000		0	N.D.			
110) 1,2,4-Trichlorobenzene	14.317	180	763	N.D.			
111) Naphthalene	14.595	128	7808265	290.296	ug/L		100
112) 1,2,3-Trichlorobenzene	0.000		0	N.D.	d		

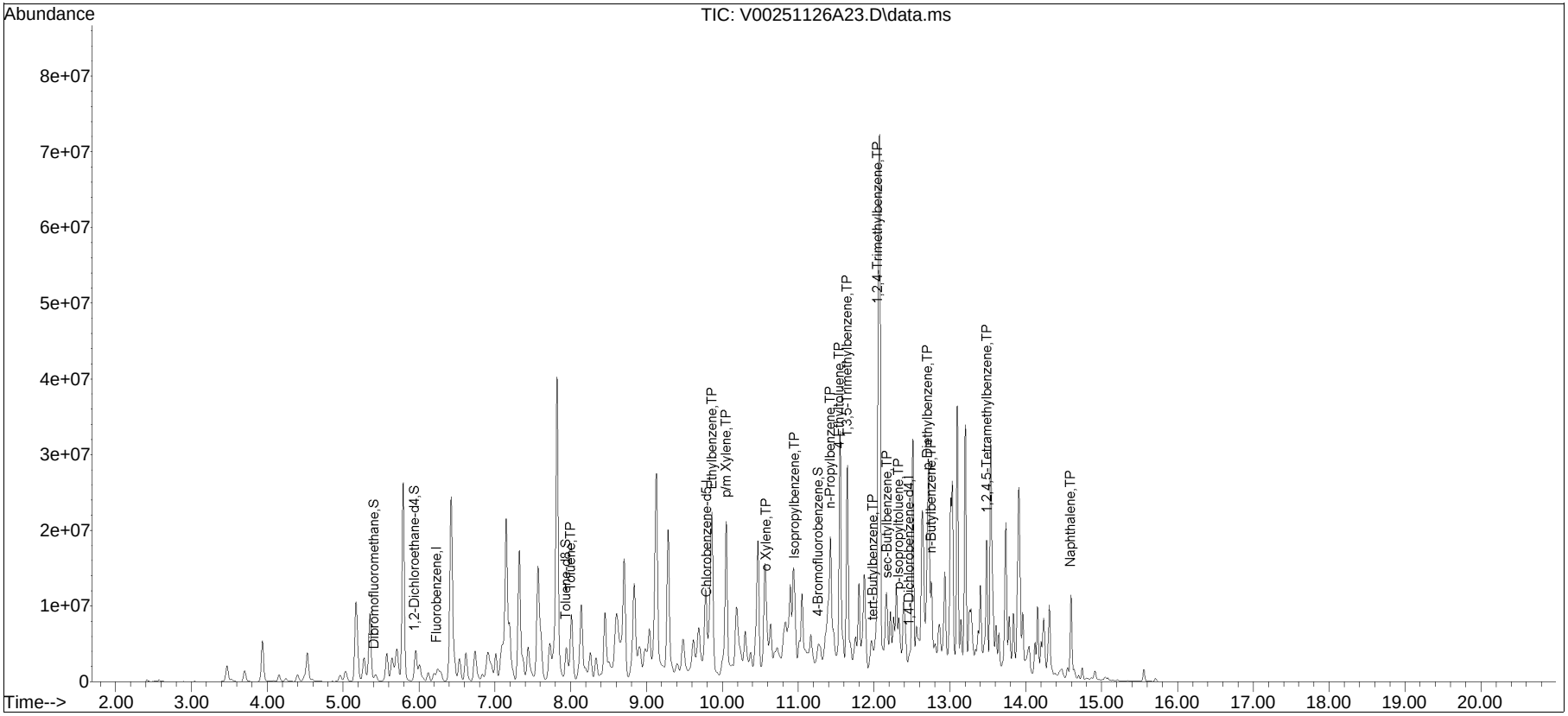
(#) = qualifier out of range (m) = manual integration (+) = signals summed

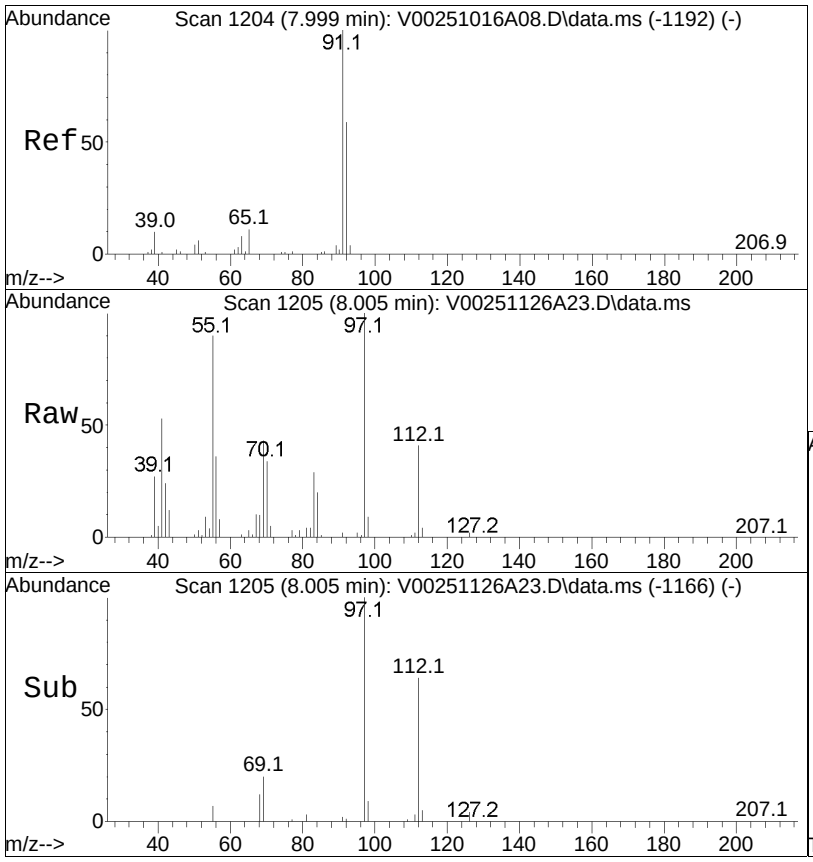
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A23.D
Acq On : 26 Nov 2025 04:06 pm
Operator : VOA100:AJK
Sample : L2574258-05,31H,5.55,5,0.100,,A,29.81,35.86,0
Misc : WG2146952,ICAL22760
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 28 08:27:48 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251126A01.D•

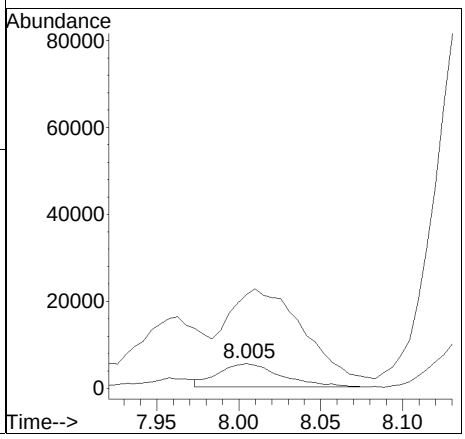


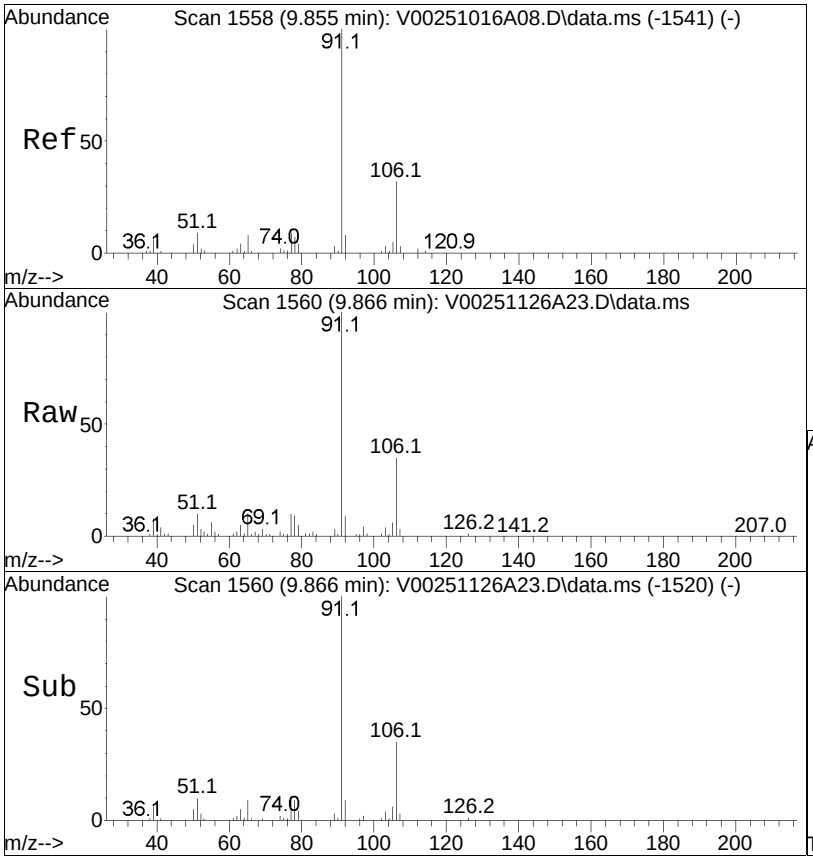


#62
Toluene
Concen: 0.88 ug/L
RT: 8.005 min Scan# 1205
Delta R.T. 0.005 min
Lab File: V00251126A23.D
Acq: 26 Nov 2025 04:06 pm

Tgt Ion: 92 Resp: 14076

Ion	Ratio	Lower	Upper
92	100		
91	448.2	138.2	207.2#

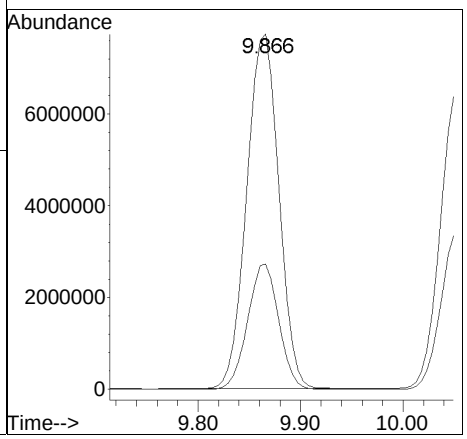


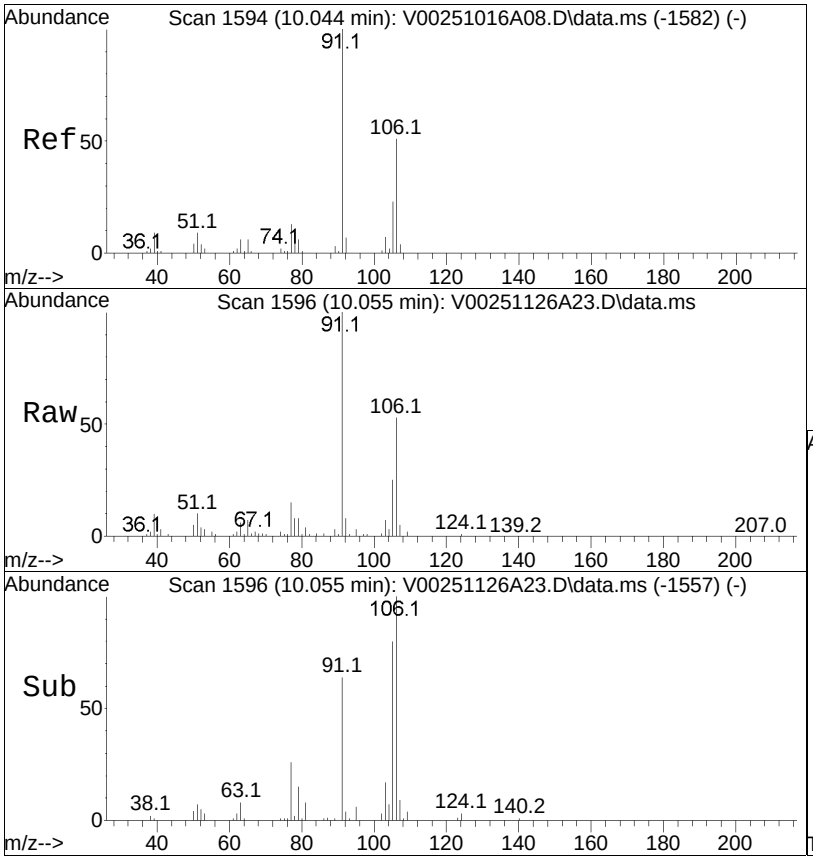


#75
Ethylbenzene
Concen: 534.69 ug/L
RT: 9.866 min Scan# 1560
Delta R.T. 0.010 min
Lab File: V00251126A23.D
Acq: 26 Nov 2025 04:06 pm

Tgt Ion: 91 Resp:16852676

Ion	Ratio	Lower	Upper
91	100		
106	34.1	25.1	37.7

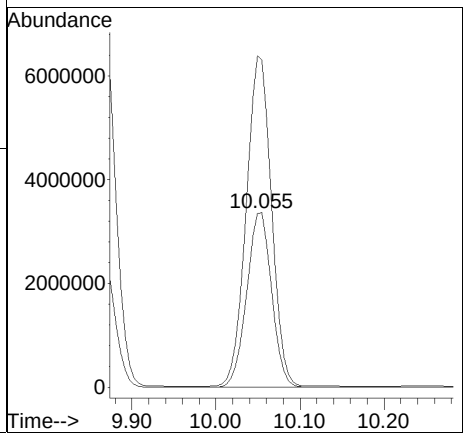


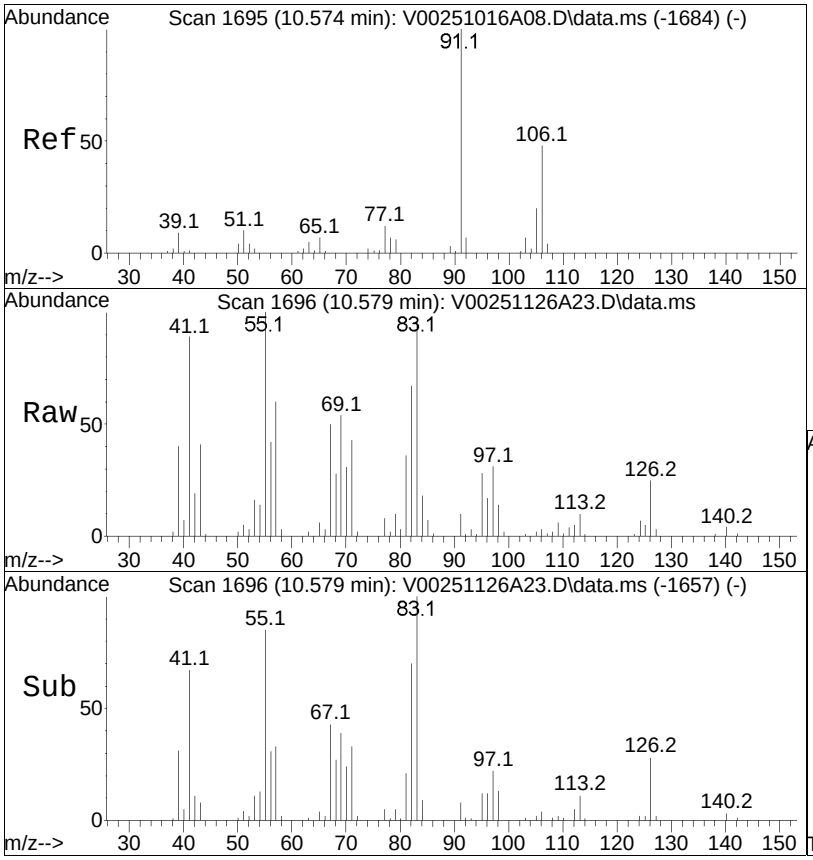


#77
p/m Xylene
Concen: 547.50 ug/L
RT: 10.055 min Scan# 1596
Delta R.T. 0.005 min
Lab File: V00251126A23.D
Acq: 26 Nov 2025 04:06 pm

Tgt Ion:106 Resp: 6921266

Ion	Ratio	Lower	Upper
106	100		
91	191.1	159.5	239.3

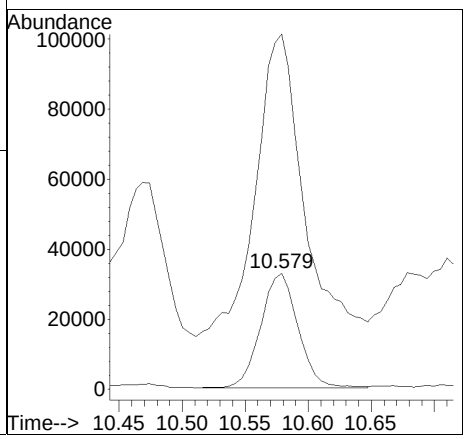


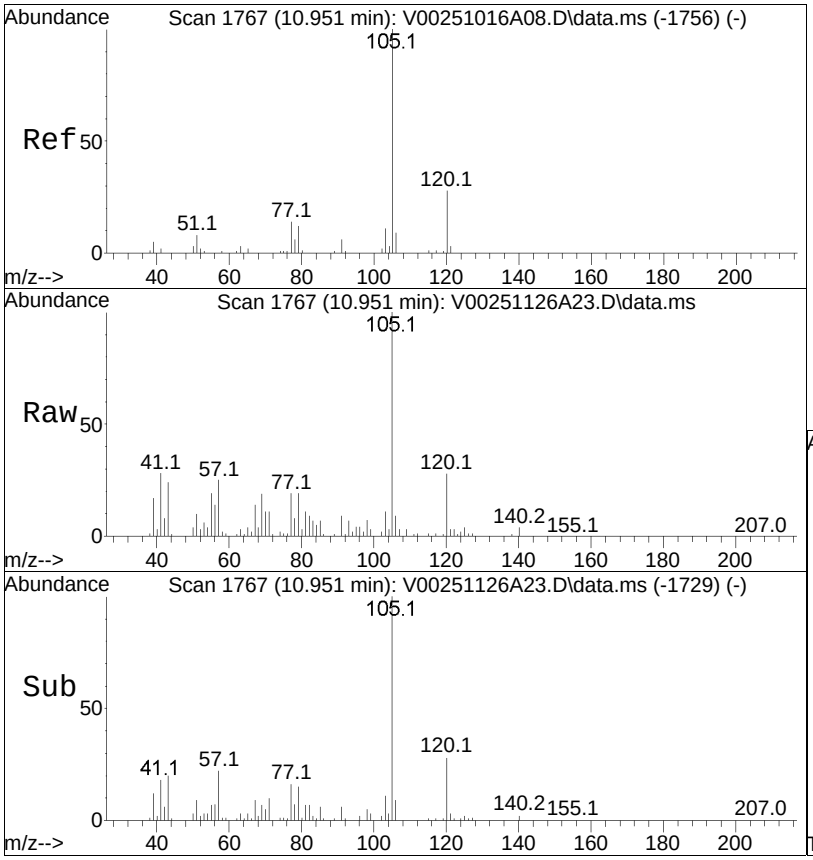


#78
o Xylene
Concen: 5.39 ug/L
RT: 10.579 min Scan# 1696
Delta R.T. 0.005 min
Lab File: V00251126A23.D
Acq: 26 Nov 2025 04:06 pm

Tgt Ion:106 Resp: 67681

Ion	Ratio	Lower	Upper
106	100		
91	331.6	168.6	252.8#

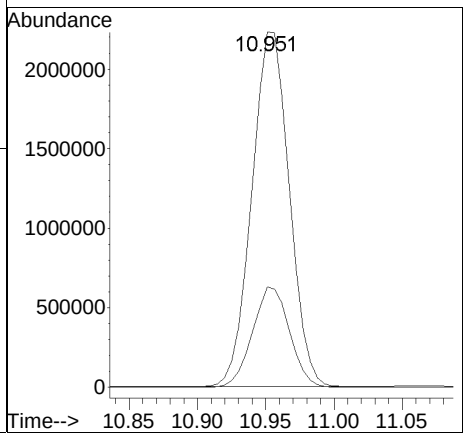


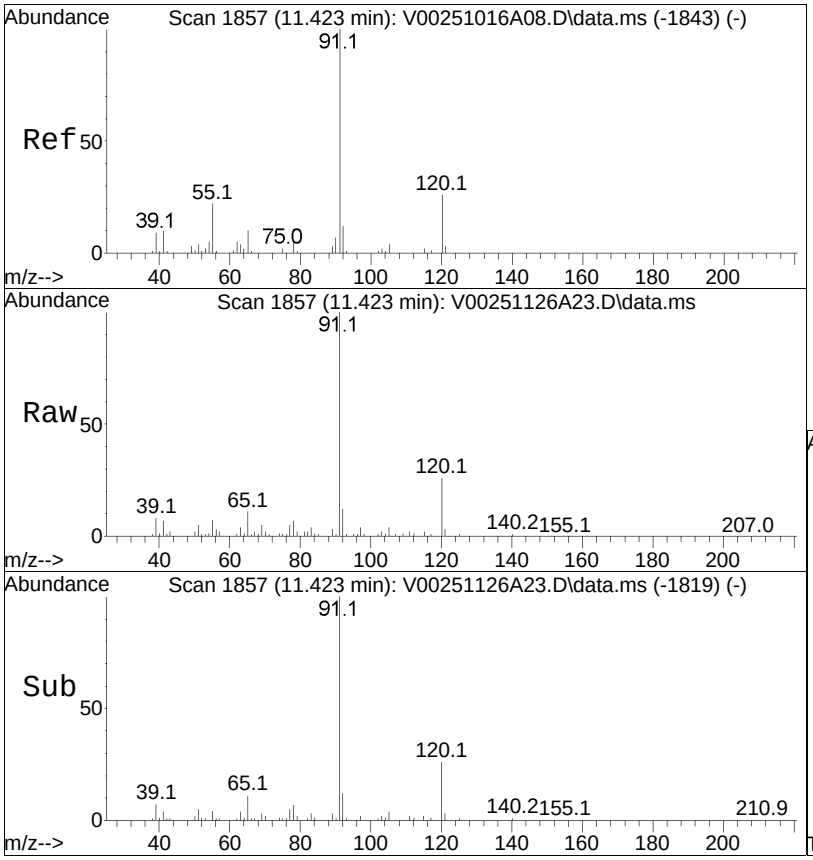


#83
Isopropylbenzene
Concen: 118.53 ug/L
RT: 10.951 min Scan# 1767
Delta R.T. 0.000 min
Lab File: V00251126A23.D
Acq: 26 Nov 2025 04:06 pm

Tgt Ion:105 Resp: 4247736

Ion	Ratio	Lower	Upper
105	100		
120	28.0	6.4	46.4

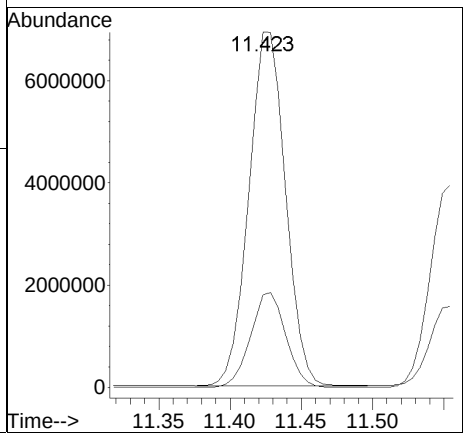


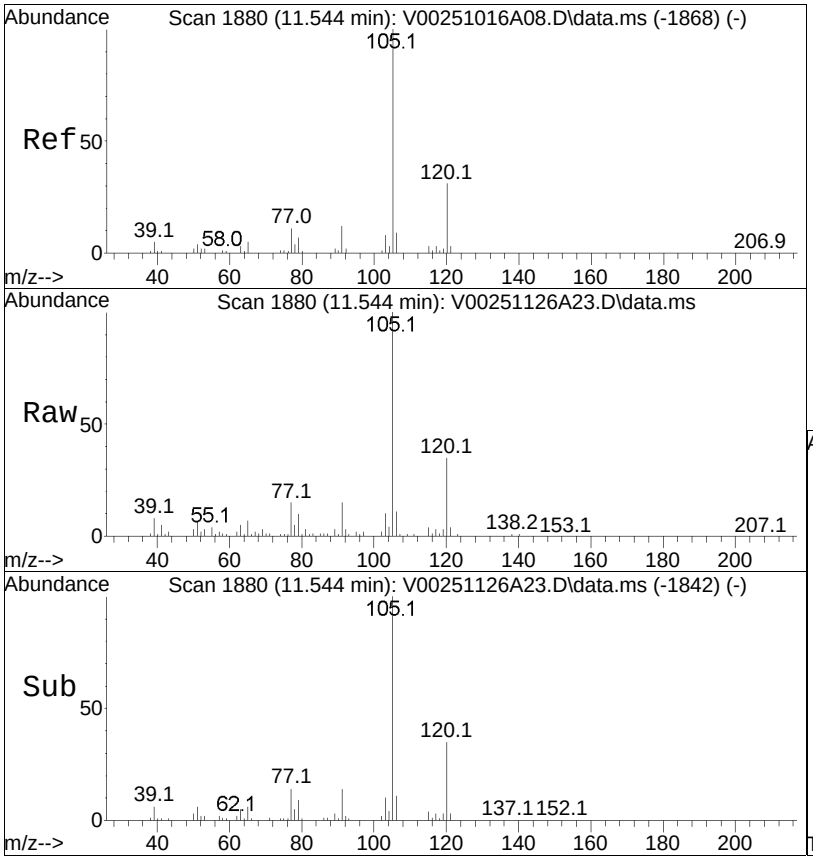


#86
n-Propylbenzene
Concen: 285.57 ug/L
RT: 11.423 min Scan# 1857
Delta R.T. 0.000 min
Lab File: V00251126A23.D
Acq: 26 Nov 2025 04:06 pm

Tgt Ion: 91 Resp:12348026

Ion	Ratio	Lower	Upper
91	100		
120	25.8	18.2	27.2

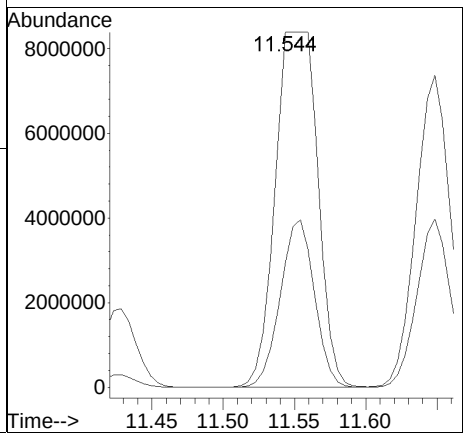


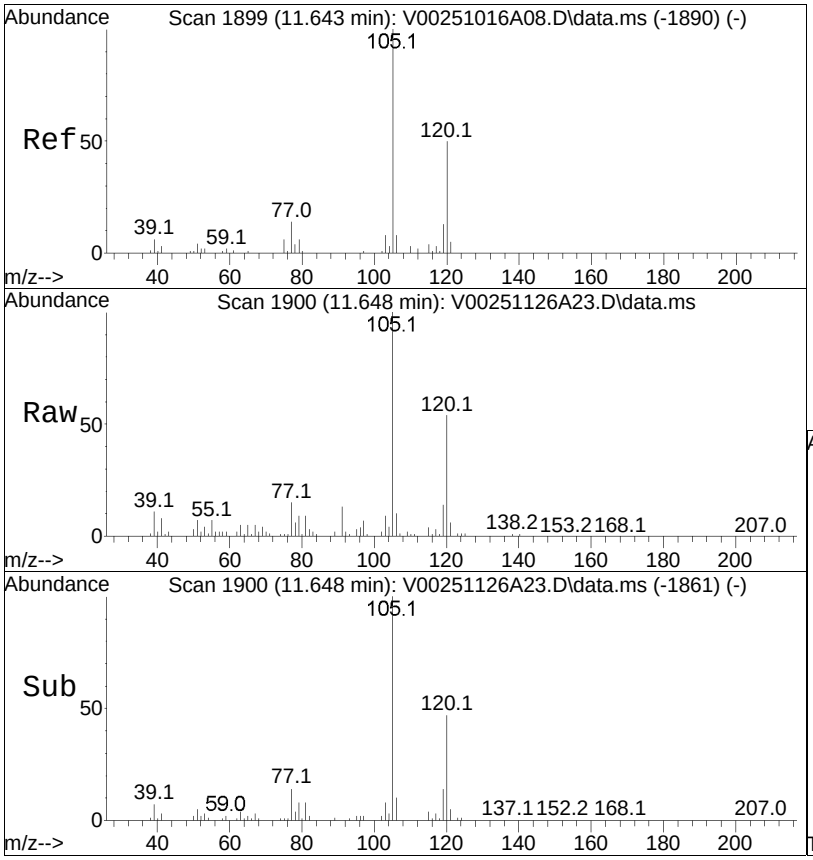


#89
4-Ethyltoluene
Concen: 492.06 ug/L
RT: 11.544 min Scan# 1880
Delta R.T. -0.000 min
Lab File: V00251126A23.D
Acq: 26 Nov 2025 04:06 pm

Tgt Ion:105 Resp:17359746

Ion	Ratio	Lower	Upper
105	100		
120	37.9	19.3	40.1

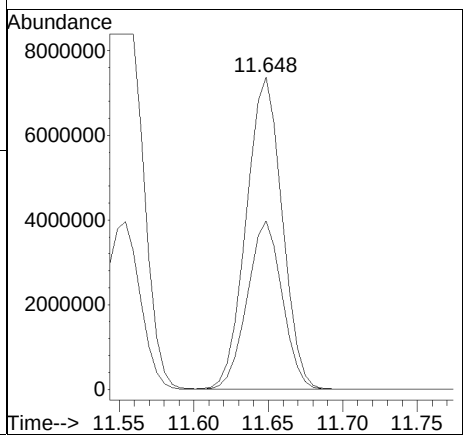


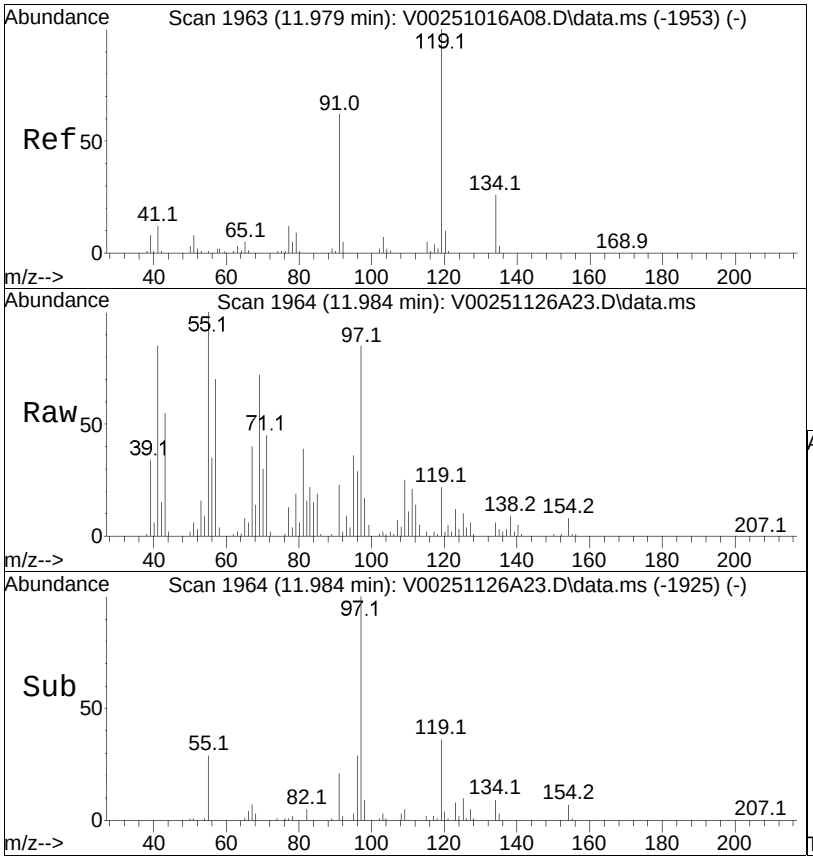


#91
1,3,5-Trimethylbenzene
Concen: 405.43 ug/L
RT: 11.648 min Scan# 1900
Delta R.T. 0.005 min
Lab File: V00251126A23.D
Acq: 26 Nov 2025 04:06 pm

Tgt Ion:105 Resp:12332812

Ion	Ratio	Lower	Upper
105	100		
120	52.7	39.1	58.7

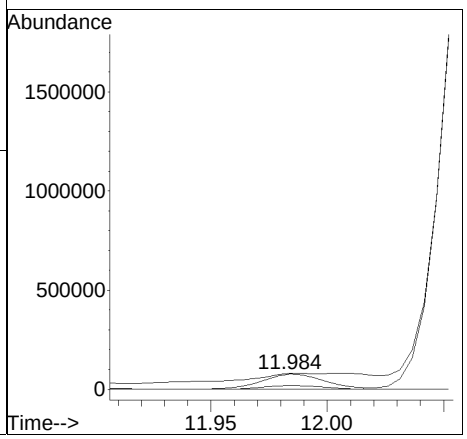


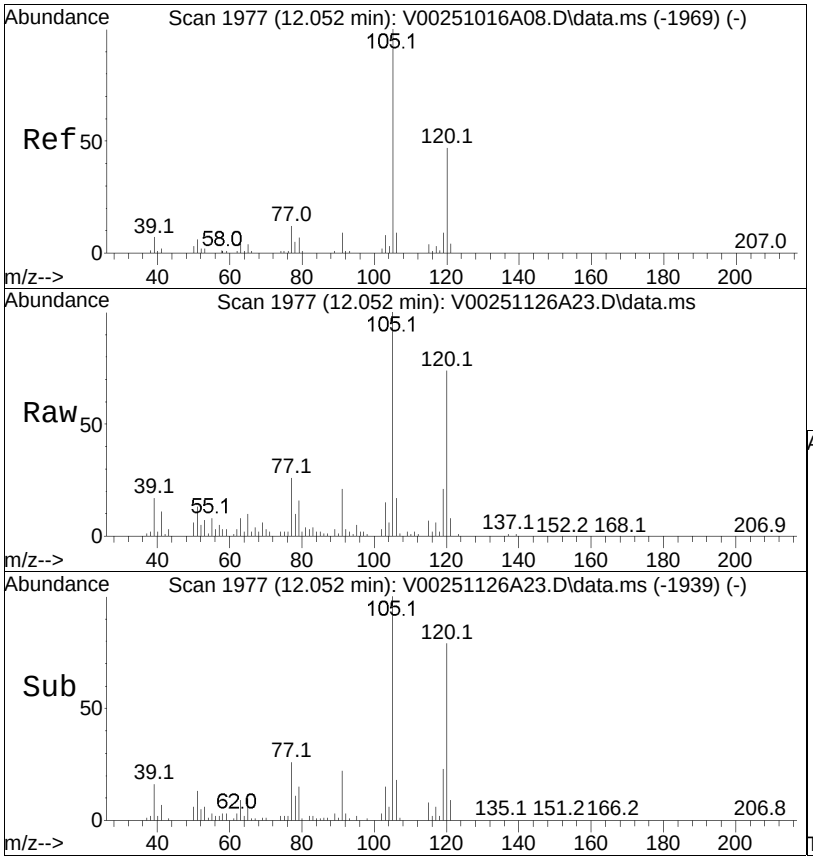


#95
tert-Butylbenzene
Concen: 5.42 ug/L M3
RT: 11.984 min Scan# 1964
Delta R.T. 0.005 min
Lab File: V00251126A23.D
Acq: 26 Nov 2025 04:06 pm

Tgt Ion:119 Resp: 145719

Ion	Ratio	Lower	Upper
119	100		
91	4264.9	54.8	82.2#
134	0.0	20.6	30.8#

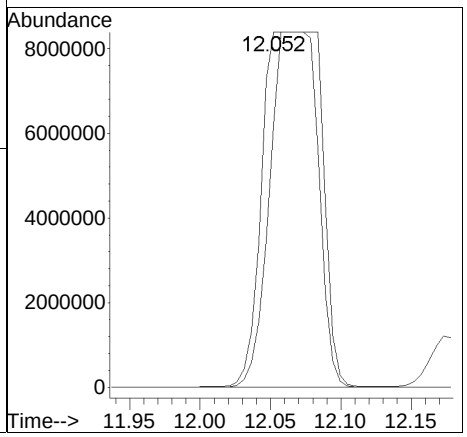


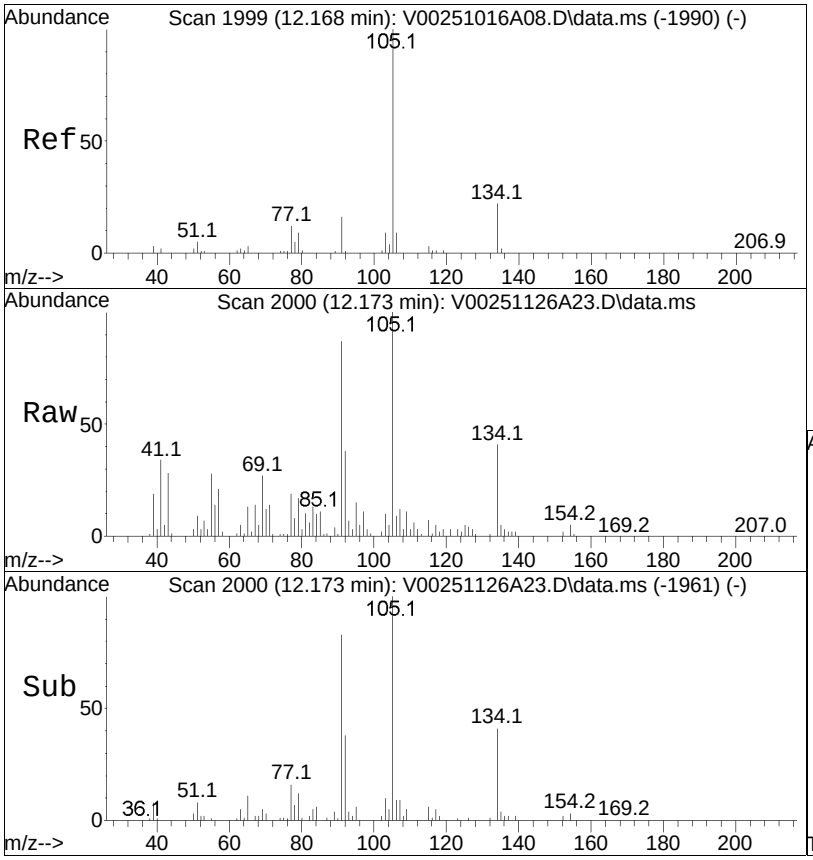


#98
1,2,4-Trimethylbenzene
Concen: 812.87 ug/L M3
RT: 12.052 min Scan# 1977
Delta R.T. 0.000 min
Lab File: V00251126A23.D
Acq: 26 Nov 2025 04:06 pm

Tgt Ion:105 Resp:24324015

Ion	Ratio	Lower	Upper
105	100		
120	0.0	37.1	55.7#

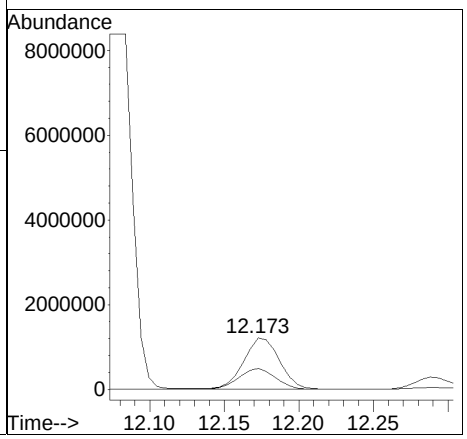


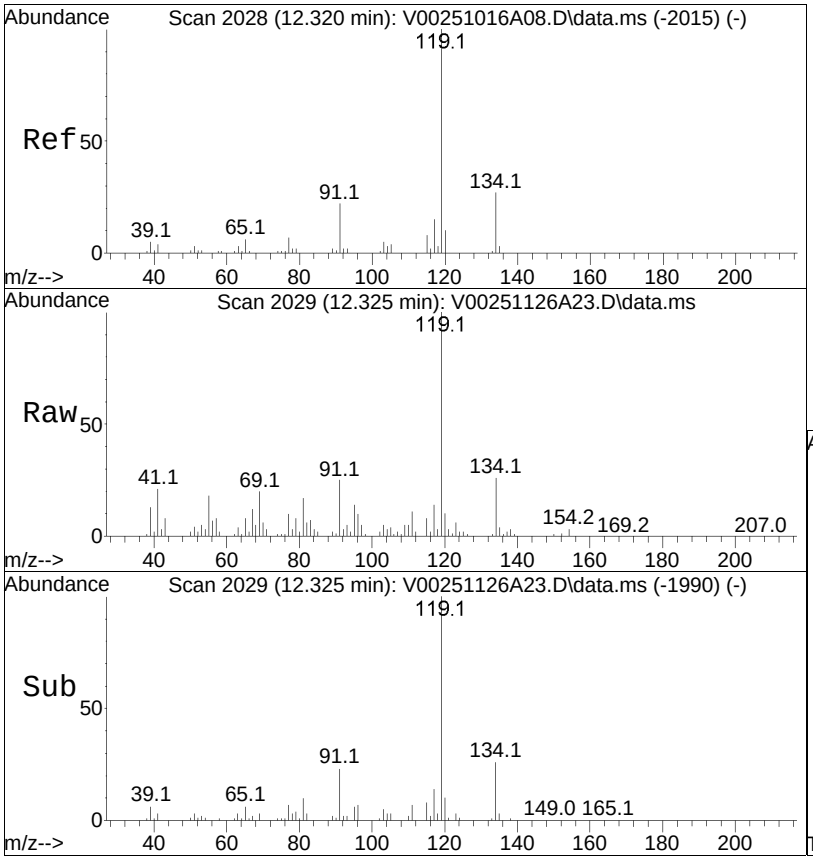


#99
sec-Butylbenzene
Concen: 50.73 ug/L
RT: 12.173 min Scan# 2000
Delta R.T. 0.005 min
Lab File: V00251126A23.D
Acq: 26 Nov 2025 04:06 pm

Tgt Ion:105 Resp: 2009336

Ion	Ratio	Lower	Upper
105	100		
134	42.4	13.5	27.9#

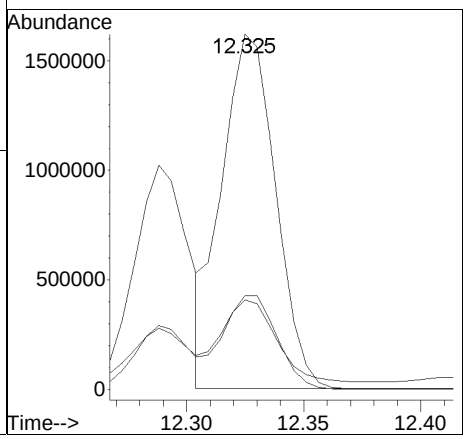


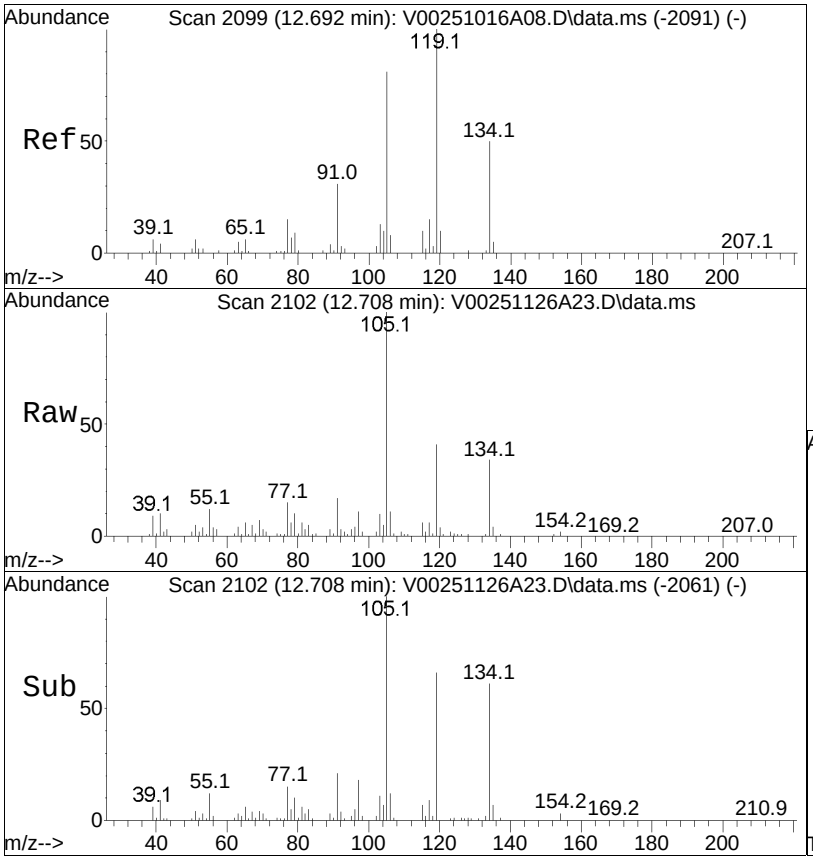


#100
p-Isopropyltoluene
Concen: 74.22 ug/L
RT: 12.325 min Scan# 2029
Delta R.T. 0.005 min
Lab File: V00251126A23.D
Acq: 26 Nov 2025 04:06 pm

Tgt Ion:119 Resp: 2599387

Ion	Ratio	Lower	Upper
119	100		
134	26.9	17.4	36.0
91	24.4	15.8	32.8

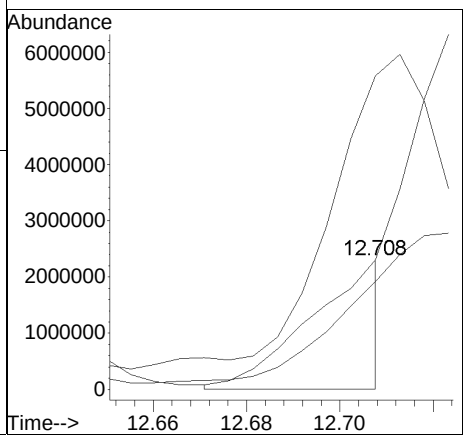


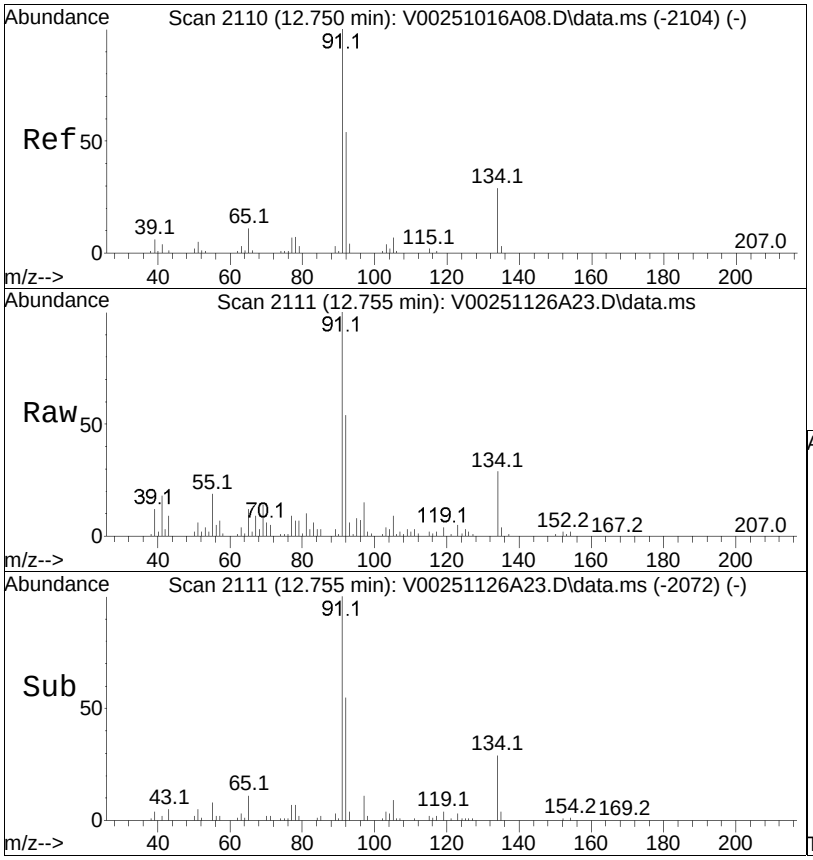


#103
p-Diethylbenzene
Concen: 119.80 ug/L M3
RT: 12.708 min Scan# 2102
Delta R.T. 0.016 min
Lab File: V00251126A23.D
Acq: 26 Nov 2025 04:06 pm

Tgt Ion:119 Resp: 2518560

Ion	Ratio	Lower	Upper
119	100		
105	465.7	56.4	117.0#
134	289.4	30.4	63.0#

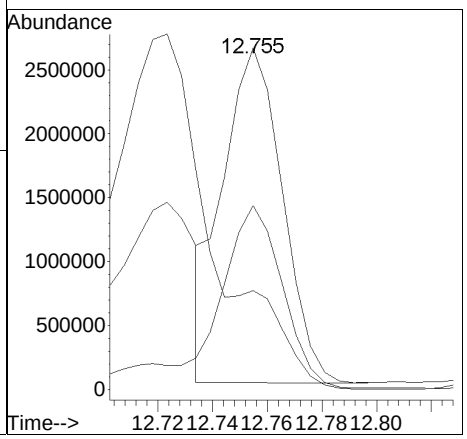


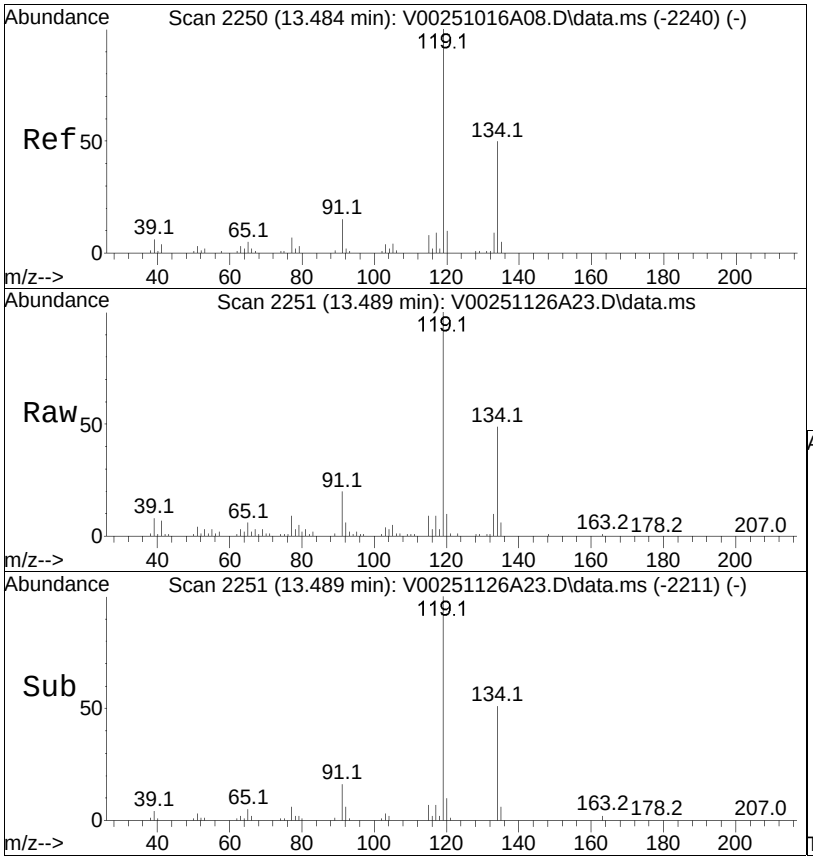


#104
n-Butylbenzene
Concen: 129.59 ug/L
RT: 12.755 min Scan# 2111
Delta R.T. 0.005 min
Lab File: V00251126A23.D
Acq: 26 Nov 2025 04:06 pm

Tgt Ion: 91 Resp: 3976287

Ion	Ratio	Lower	Upper
91	100		
92	63.2	43.7	65.5
134	0.0	21.5	32.3#

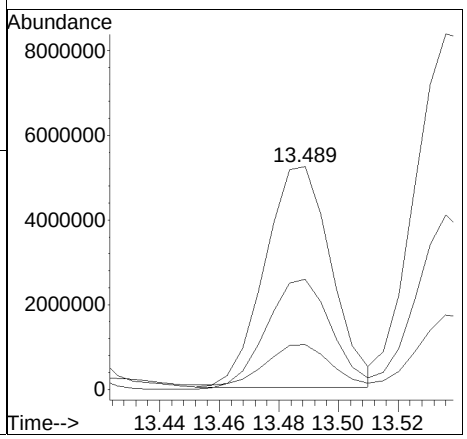


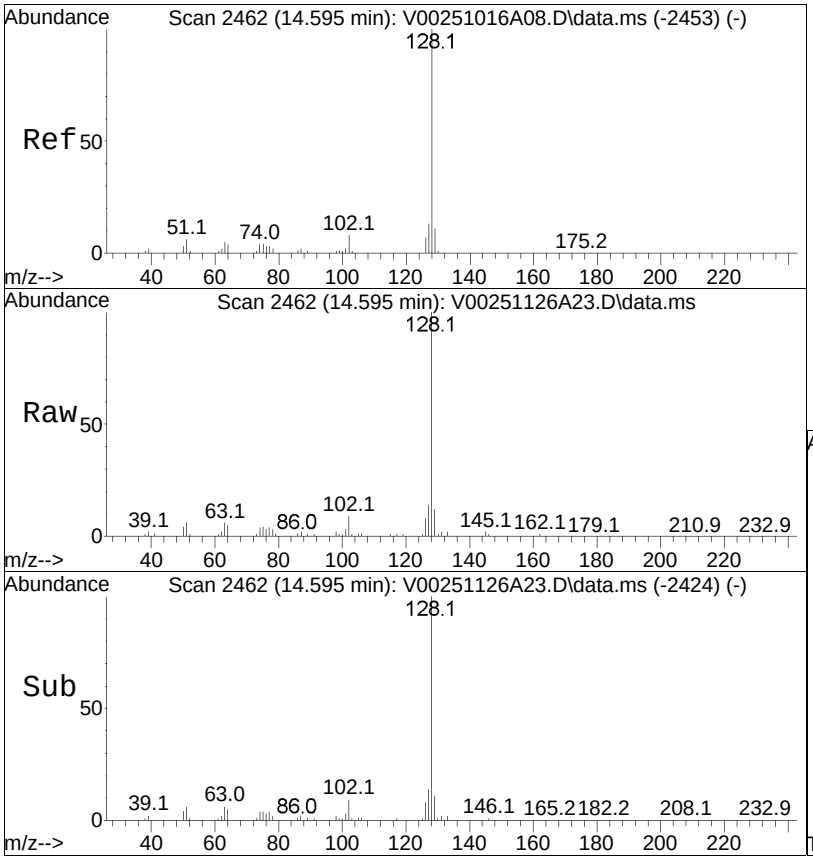


#106
1,2,4,5-Tetramethylbenzene
Concen: 254.60 ug/L
RT: 13.489 min Scan# 2251
Delta R.T. 0.011 min
Lab File: V00251126A23.D
Acq: 26 Nov 2025 04:06 pm

Tgt Ion:119 Resp: 8041464

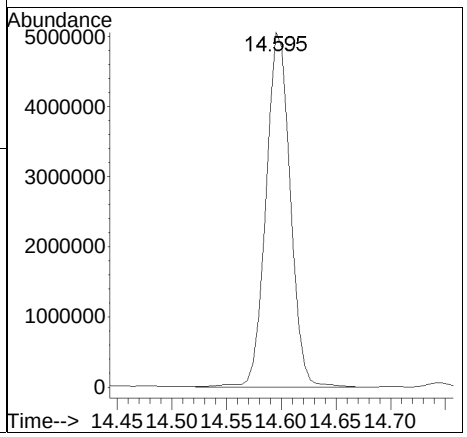
Ion	Ratio	Lower	Upper
119	100		
134	49.6	31.0	64.4
91	18.6	10.7	22.1





#111
Naphthalene
Concen: 290.30 ug/L
RT: 14.595 min Scan# 2462
Delta R.T. 0.000 min
Lab File: V00251126A23.D
Acq: 26 Nov 2025 04:06 pm

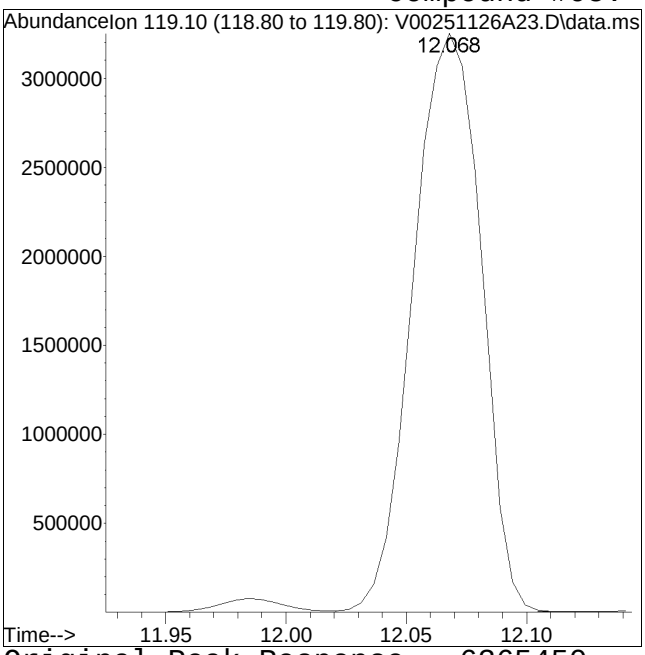
Tgt Ion:128 Resp: 7808265

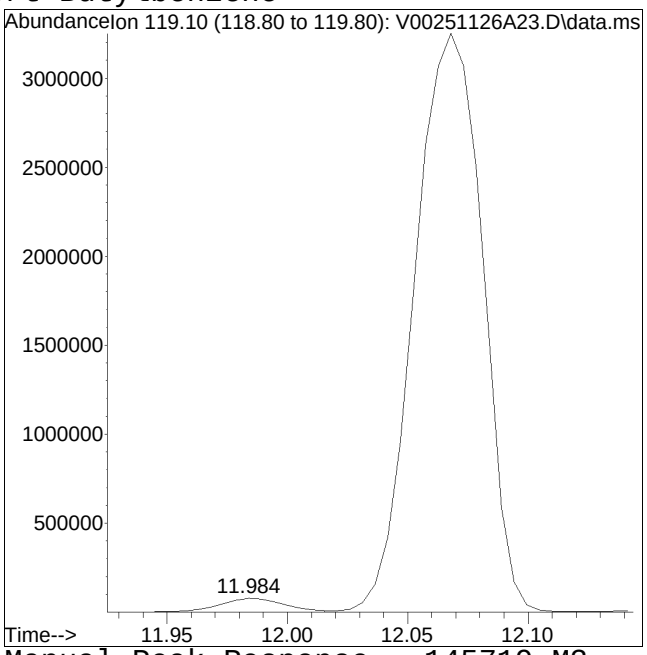


Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A23.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 4:06 pm Instrument : VOA100
Sample : L2574258-05,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #95: tert-Butylbenzene





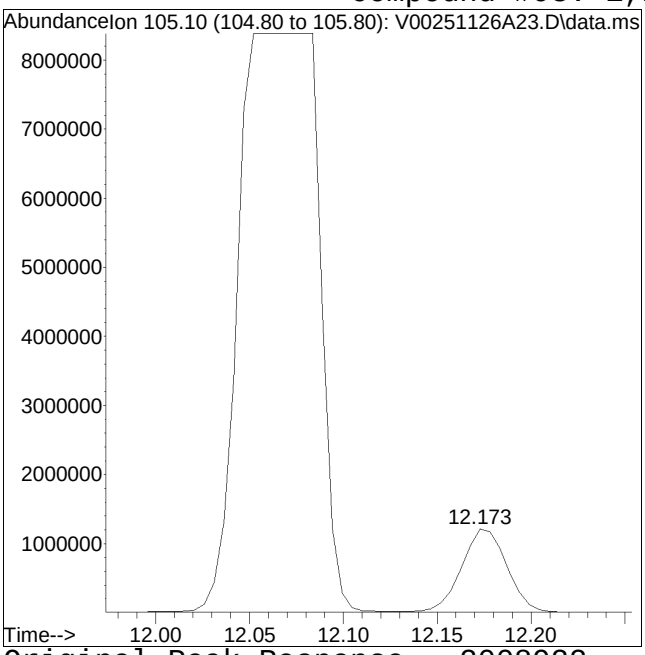
Original Peak Response = 6365450 Manual Peak Response = 145719 M3

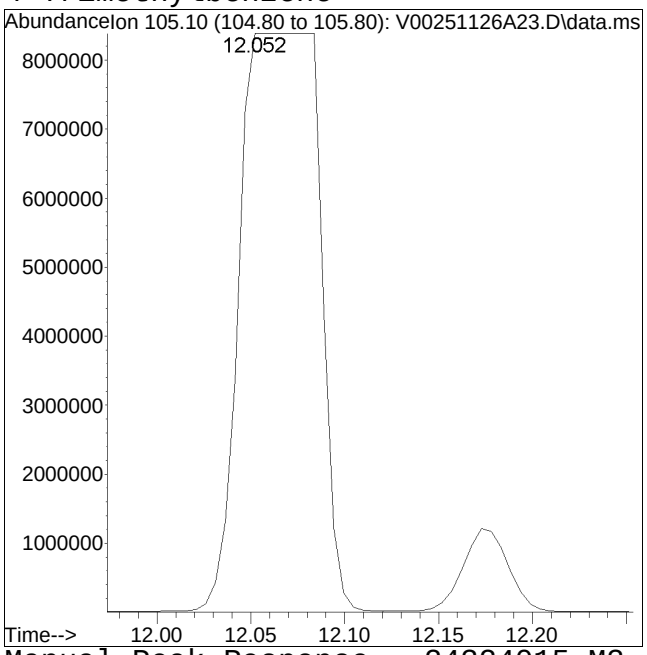
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A23.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 4:06 pm Instrument : VOA100
Sample : L2574258-05,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #98: 1,2,4-Trimethylbenzene



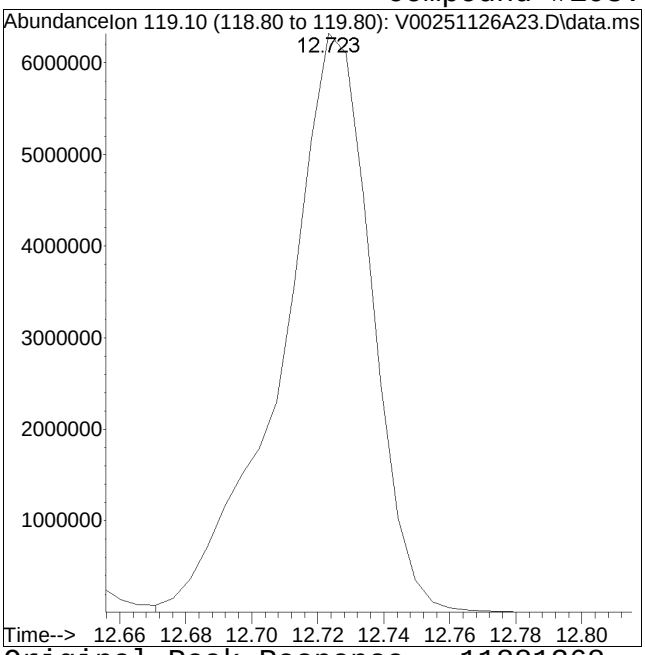


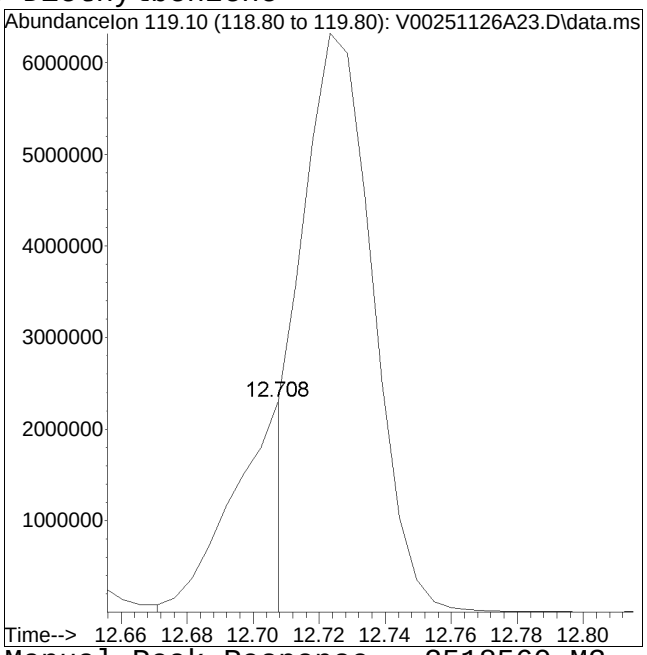
Original Peak Response = 2008922 Manual Peak Response = 24324015 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A23.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 4:06 pm Instrument : VOA100
Sample : L2574258-05,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #103: p-Diethylbenzene





Original Peak Response = 11881368 Manual Peak Response = 2518560 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A24.D
Acq On : 26 Nov 2025 04:32 pm
Operator : VOA100:AJK
Sample : L2574258-05D,31H,5.55,5,0.02,,A,29.81,35.86,0
Misc : WG2146952,ICAL22760
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 28 08:29:01 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.232	96	589211	20.000 ug/L	0.00
Standard Area 1 = 378260			Recovery = 155.77%		
60) Chlorobenzene-d5	9.792	117	403208	20.000 ug/L	0.00
Standard Area 1 = 324241			Recovery = 124.35%		
80) 1,4-Dichlorobenzene-d4	12.461	152	246473	20.000 ug/L	0.00
Standard Area 1 = 197845			Recovery = 124.58%		
System Monitoring Compounds					
37) Dibromofluoromethane	5.409	113	127209	14.201 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 71.01%		
44) 1,2-Dichloroethane-d4	5.939	65	134119	16.560 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 82.80%		
61) Toluene-d8	7.942	98	499817	20.510 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.55%		
84) 4-Bromofluorobenzene	11.260	95	324803	34.108 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 170.54%#		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	2.022	50	52	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.384	94	174	Below Cal	94
6) Chloroethane	2.499	64	68	N.D.	
7) Trichlorofluoromethane	2.636	101	56	N.D.	
8) Ethyl ether	2.950	74	48	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	3.181	76	19589	Below Cal	97
15) Methylene chloride	0.000		0	N.D. d	
17) Acetone	3.716	43	71348	16.118 ug/L #	73
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	3.957	73	113	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D. d	
25) Acrylonitrile	0.000		0	N.D. d	
27) Vinyl acetate	0.000		0	N.D. d	
28) cis-1,2-Dichloroethene	0.000		0	N.D. d	
29) 2,2-Dichloropropane	0.000		0	N.D. d	
31) Bromochloromethane	0.000		0	N.D.	
33) Chloroform	0.000		0	N.D. d	

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A24.D
Acq On : 26 Nov 2025 04:32 pm
Operator : VOA100:AJK
Sample : L2574258-05D,31H,5.55,5,0.02,,A,29.81,35.86,0
Misc : WG2146952,ICAL22760
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 28 08:29:01 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
35) Carbon tetrachloride	0.000		0	N.D.			
38) 1,1,1-Trichloroethane	0.000		0	N.D.	d		
40) 2-Butanone	0.000		0	N.D.	d		
41) 1,1-Dichloropropene	5.577	75	272	N.D.			
42) Benzene	5.797	78	2279	N.D.			
45) 1,2-Dichloroethane	0.000		0	N.D.	d		
49) Trichloroethene	0.000		0	N.D.	d		
51) Dibromomethane	0.000		0	N.D.	d		
52) 1,2-Dichloropropane	0.000		0	N.D.	d		
55) Bromodichloromethane	0.000		0	N.D.	d		
58) 1,4-Dioxane	0.000		0	N.D.			
59) cis-1,3-Dichloropropene	7.732	75	288	N.D.			
62) Toluene	7.999	92	5919	0.365	ug/L	#	2
63) 4-Methyl-2-pentanone	0.000		0	N.D.	d		
64) Tetrachloroethene	0.000		0	N.D.			
66) trans-1,3-Dichloropropene	8.461	75	317	N.D.			
69) 1,1,2-Trichloroethane	0.000		0	N.D.	d		
70) Chlorodibromomethane	0.000		0	N.D.	d		
71) 1,3-Dichloropropane	8.975	76	518	N.D.			
72) 1,2-Dibromoethane	0.000		0	N.D.	d		
73) 2-Hexanone	0.000		0	N.D.	d		
74) Chlorobenzene	0.000		0	N.D.	d		
75) Ethylbenzene	9.855	91	4256988	133.570	ug/L		97
76) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
77) p/m Xylene	10.044	106	1681762	131.565	ug/L		95
78) o Xylene	10.579	106	17570	1.385	ug/L	#	38
79) Styrene	10.642	104	280	N.D.			
81) Bromoform	0.000		0	N.D.			
83) Isopropylbenzene	10.951	105	1074710	31.429	ug/L		96
85) Bromobenzene	11.386	156	277	N.D.			
86) n-Propylbenzene	11.423	91	3126834	75.788	ug/L		94
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d		
89) 4-Ethyltoluene	11.549	105	4919913	146.156	ug/L		96
90) 2-Chlorotoluene	0.000		0	N.D.	d		
91) 1,3,5-Trimethylbenzene	11.643	105	3005613	103.553	ug/L		96
92) 1,2,3-Trichloropropane	0.000		0	N.D.	d		
93) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d		
94) 4-Chlorotoluene	0.000		0	N.D.	d		
95) tert-Butylbenzene	11.979	119	37419M3	1.458	ug/L		

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A24.D
Acq On : 26 Nov 2025 04:32 pm
Operator : VOA100:AJK
Sample : L2574258-05D,31H,5.55,5,0.02,,A,29.81,35.86,0
Misc : WG2146952,ICAL22760
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 28 08:29:01 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
98)	1,2,4-Trimethylbenzene	12.057	105	12624810	442.171	ug/L		95
99)	sec-Butylbenzene	12.168	105	496050	13.125	ug/L	#	52
100)	p-Isopropyltoluene	12.325	119	607625	18.183	ug/L		99
101)	1,3-Dichlorobenzene	12.461	146	126	N.D.			
102)	1,4-Dichlorobenzene	12.472	146	146	N.D.			
103)	p-Diethylbenzene	12.702	119	564225M3	28.128	ug/L		
104)	n-Butylbenzene	12.750	91	940971	32.140	ug/L	#	77
105)	1,2-Dichlorobenzene	12.949	146	1572	N.D.			
106)	1,2,4,5-Tetramethylben...	13.484	119	1919959	63.709	ug/L		98
107)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.	d		
109)	Hexachlorobutadiene	0.000		0	N.D.			
110)	1,2,4-Trichlorobenzene	14.301	180	530	N.D.			
111)	Naphthalene	14.595	128	2255449	87.882	ug/L		100
112)	1,2,3-Trichlorobenzene	0.000		0	N.D.	d		

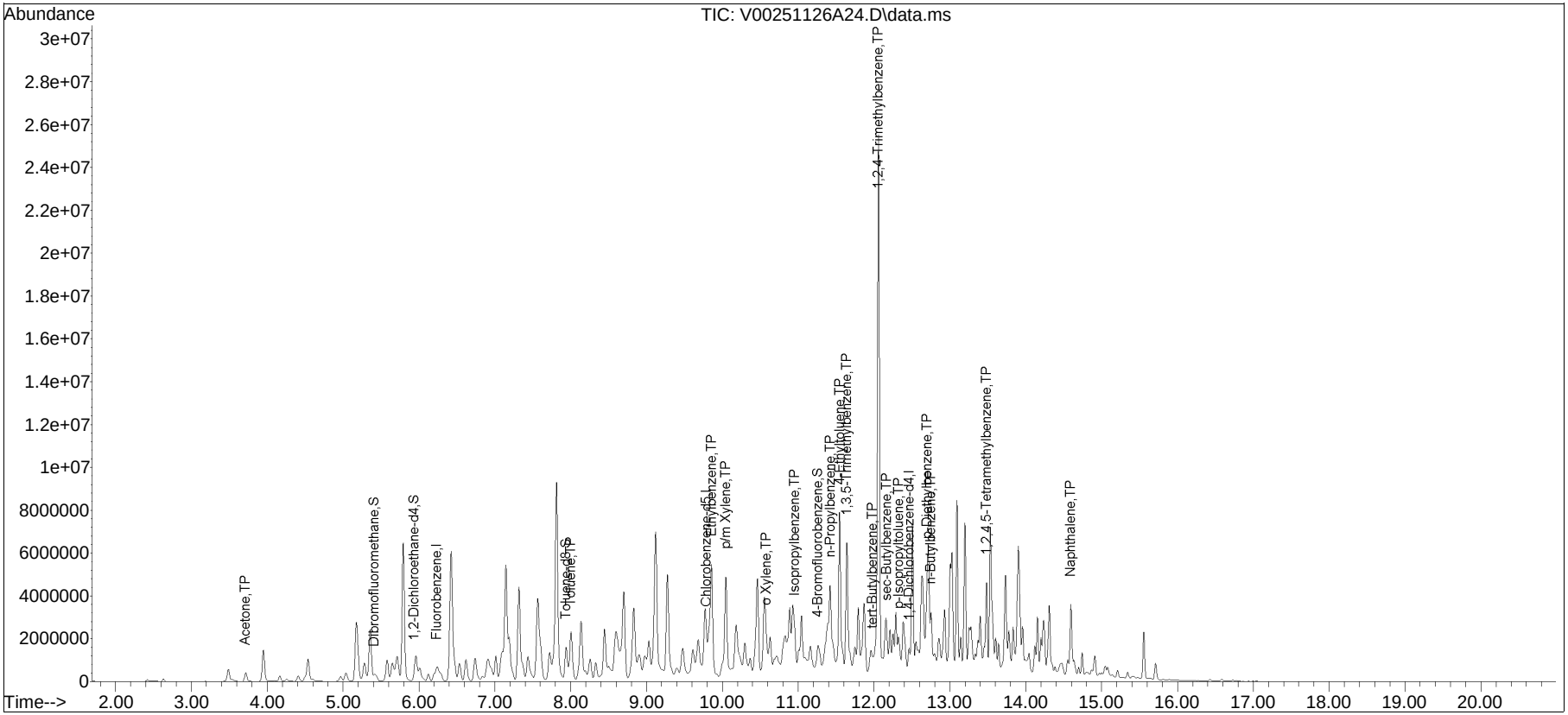
(#) = qualifier out of range (m) = manual integration (+) = signals summed

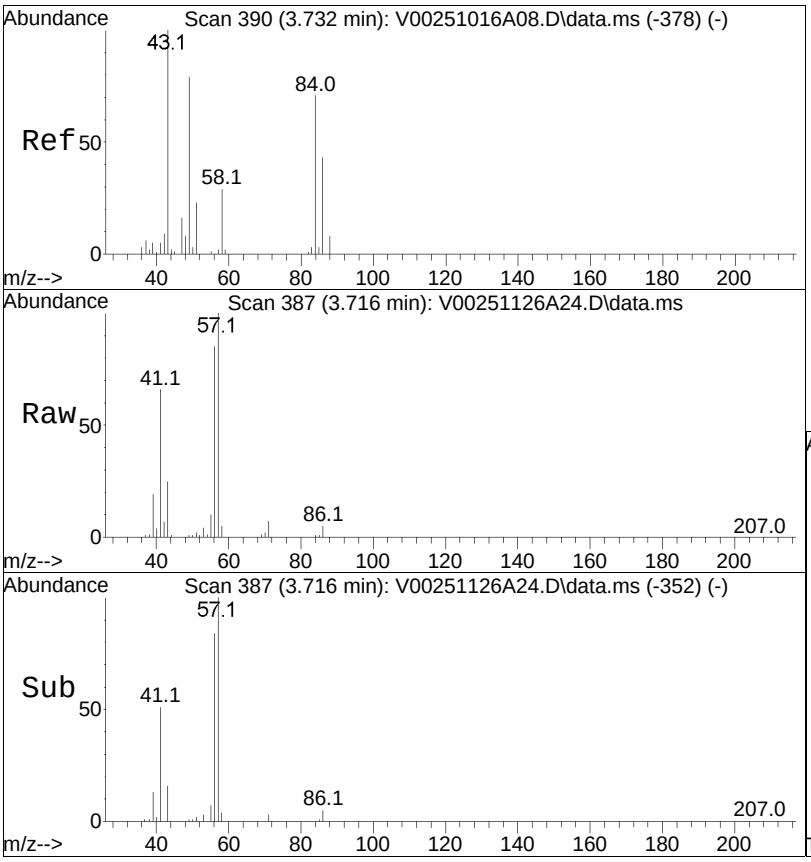
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A24.D
Acq On : 26 Nov 2025 04:32 pm
Operator : VOA100:AJK
Sample : L2574258-05D,31H,5.55,5,0.02,,A,29.81,35.86,0
Misc : WG2146952,ICAL22760
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 28 08:29:01 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251126A01.D•

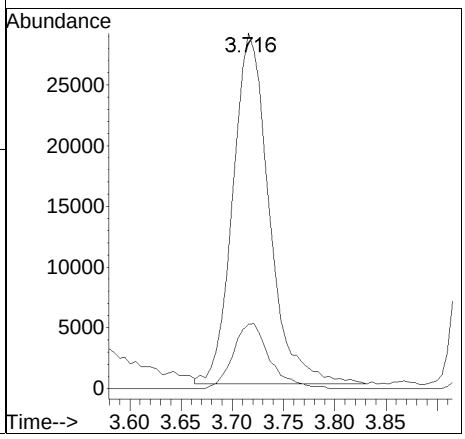


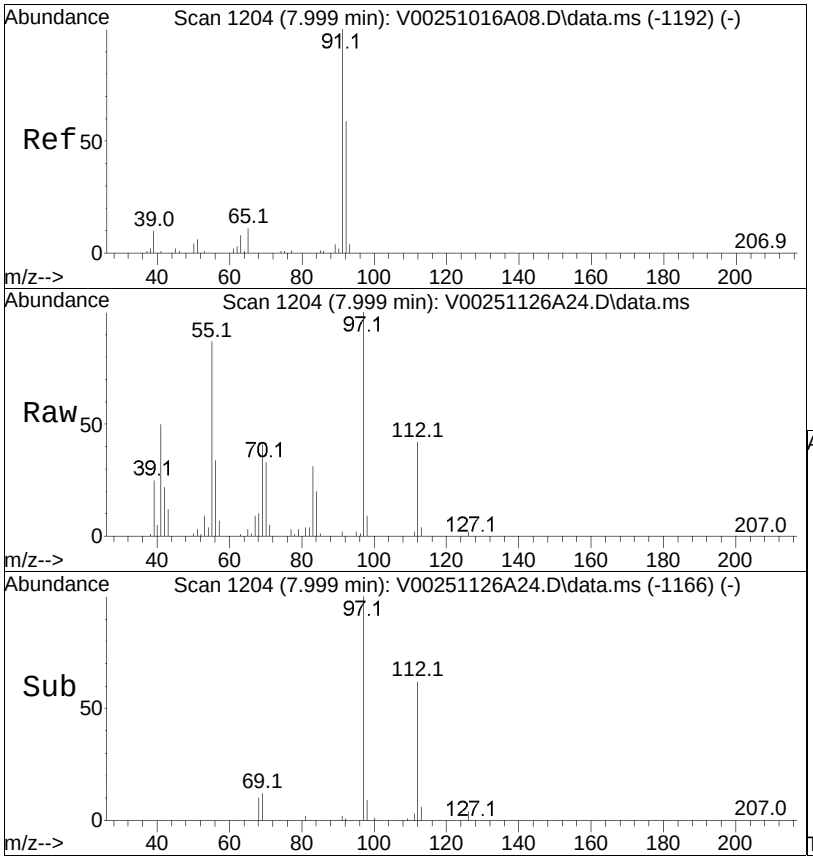


#17
Acetone
Concen: 16.12 ug/L
RT: 3.716 min Scan# 387
Delta R.T. -0.016 min
Lab File: V00251126A24.D
Acq: 26 Nov 2025 04:32 pm

Tgt Ion: 43 Resp: 71348

Ion	Ratio	Lower	Upper
43	100		
58	18.5	27.2	40.8#

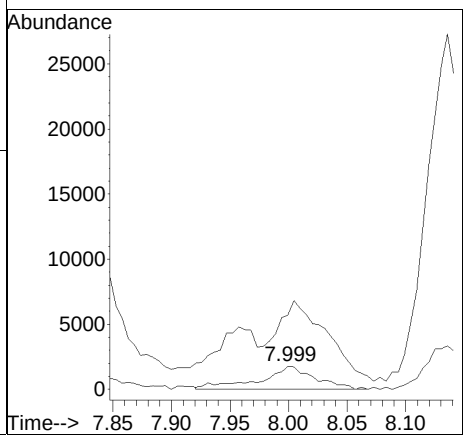


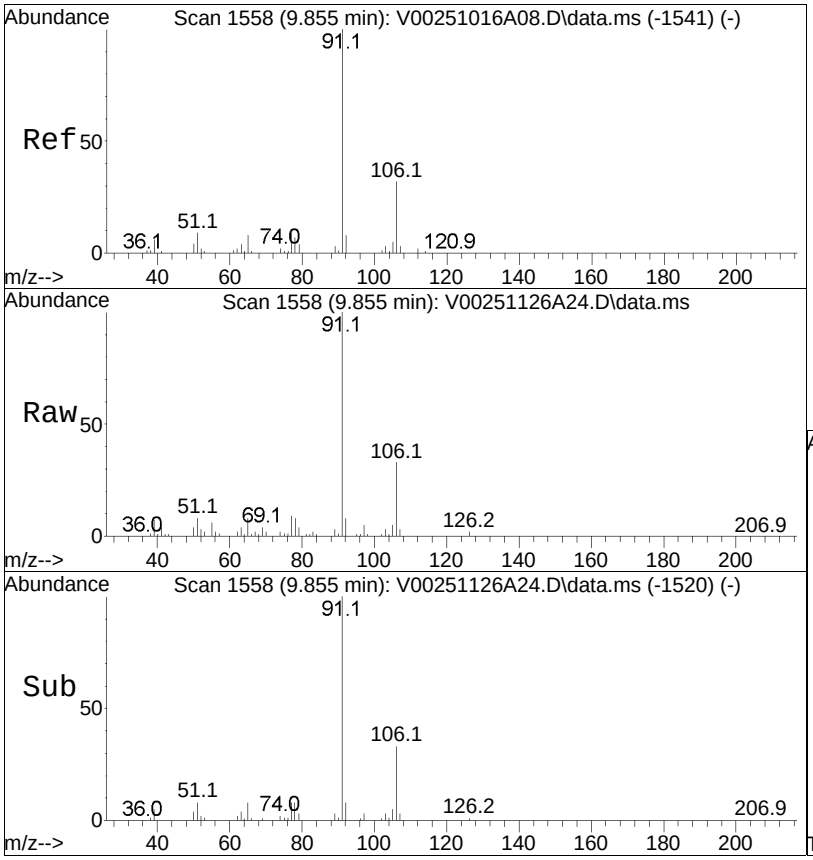


#62
Toluene
Concen: 0.37 ug/L
RT: 7.999 min Scan# 1204
Delta R.T. -0.001 min
Lab File: V00251126A24.D
Acq: 26 Nov 2025 04:32 pm

Tgt Ion: 92 Resp: 5919

Ion	Ratio	Lower	Upper
92	100		
91	307.8	138.2	207.2#

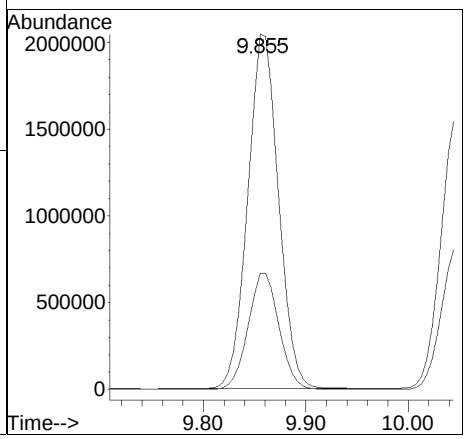


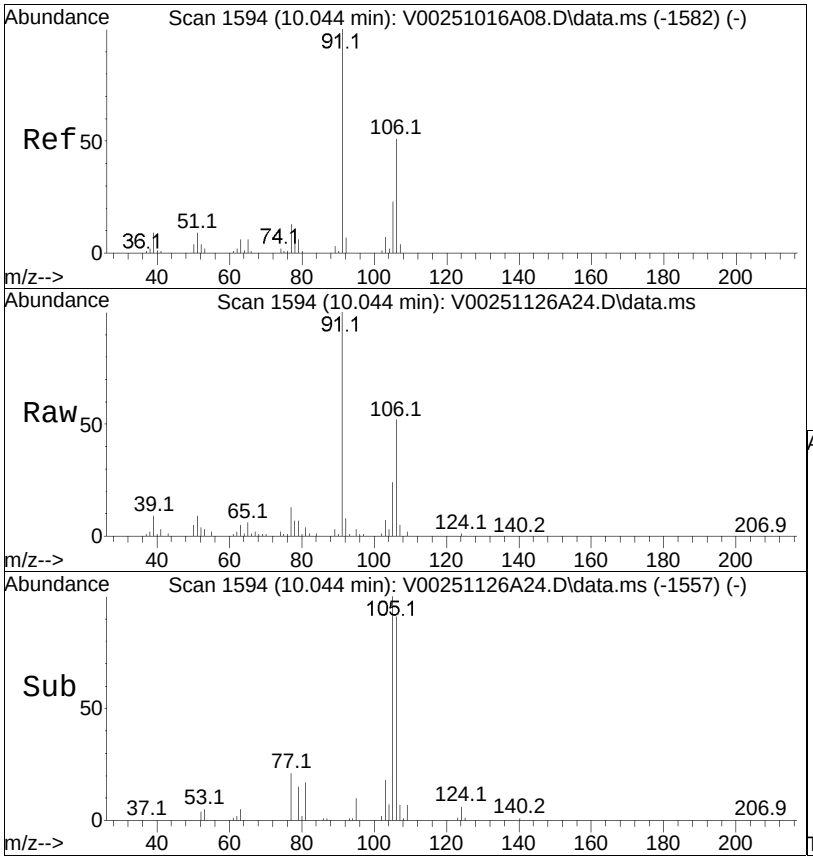


#75
Ethylbenzene
Concen: 133.57 ug/L
RT: 9.855 min Scan# 1558
Delta R.T. -0.001 min
Lab File: V00251126A24.D
Acq: 26 Nov 2025 04:32 pm

Tgt Ion: 91 Resp: 4256988

Ion	Ratio	Lower	Upper
91	100		
106	32.9	25.1	37.7

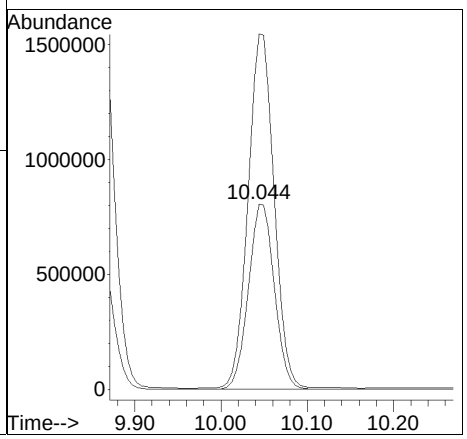


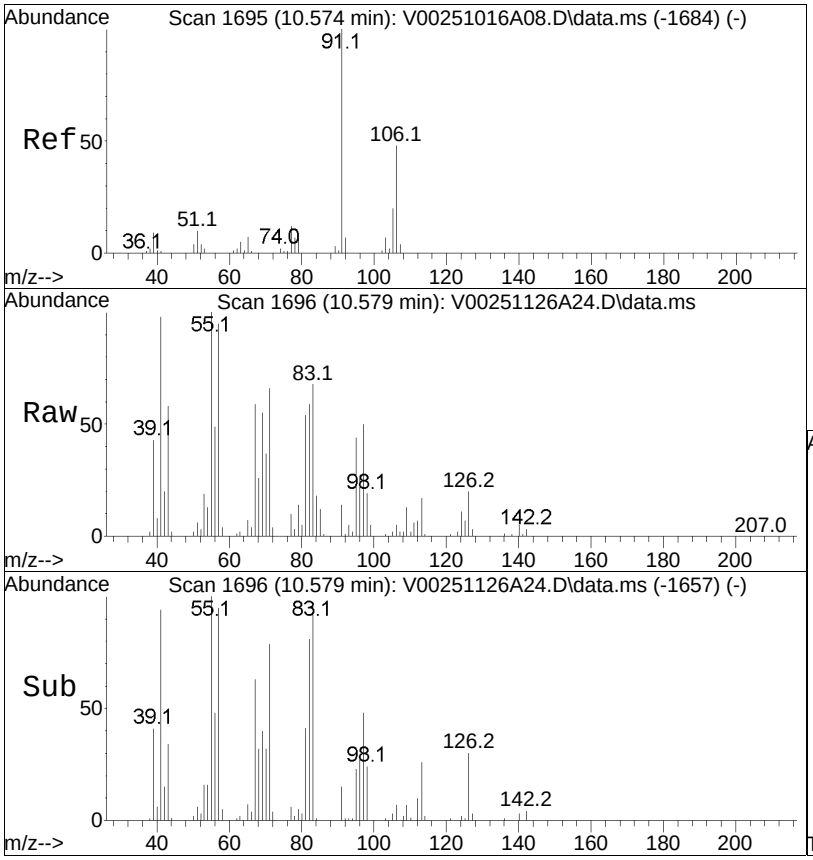


#77
p/m Xylene
Concen: 131.56 ug/L
RT: 10.044 min Scan# 1594
Delta R.T. -0.006 min
Lab File: V00251126A24.D
Acq: 26 Nov 2025 04:32 pm

Tgt Ion:106 Resp: 1681762

Ion	Ratio	Lower	Upper
106	100		
91	191.5	159.5	239.3

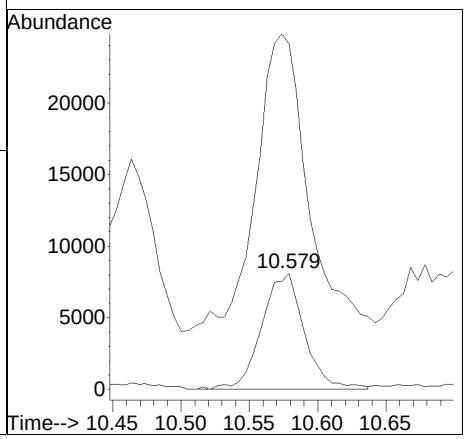


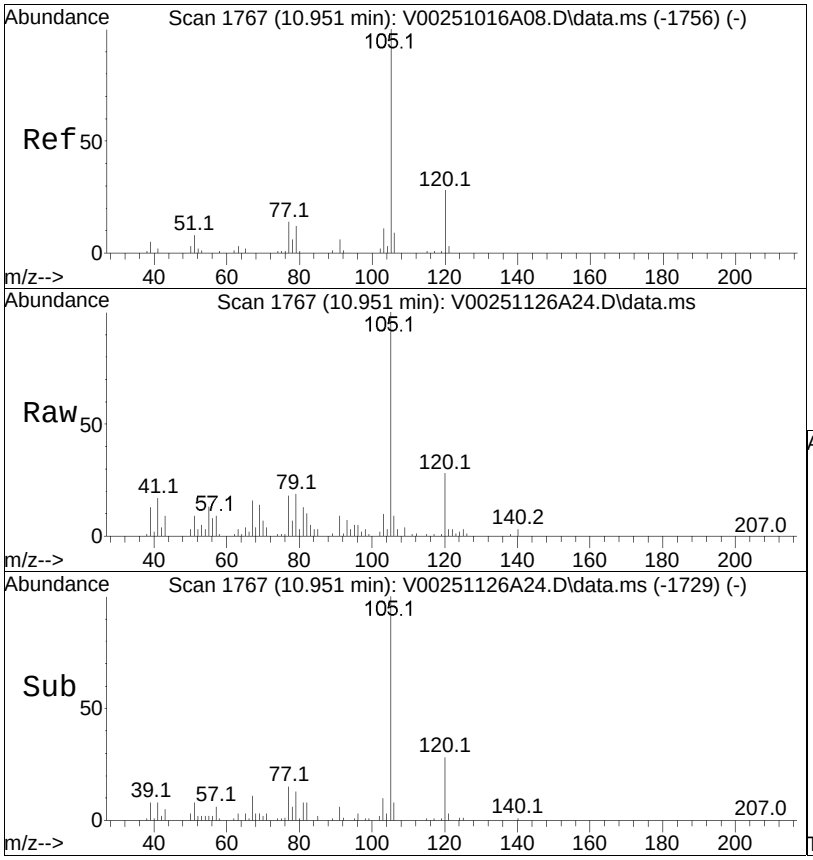


#78
o Xylene
Concen: 1.38 ug/L
RT: 10.579 min Scan# 1696
Delta R.T. 0.005 min
Lab File: V00251126A24.D
Acq: 26 Nov 2025 04:32 pm

Tgt Ion:106 Resp: 17570

Ion	Ratio	Lower	Upper
106	100		
91	308.0	168.6	252.8#

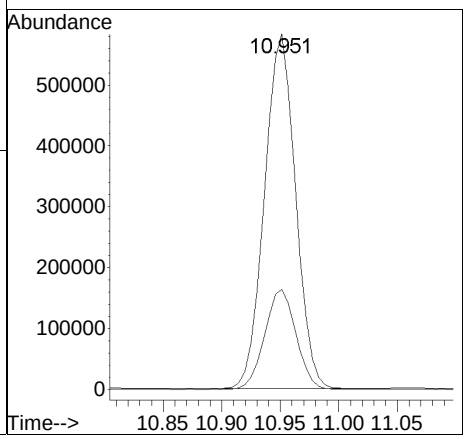


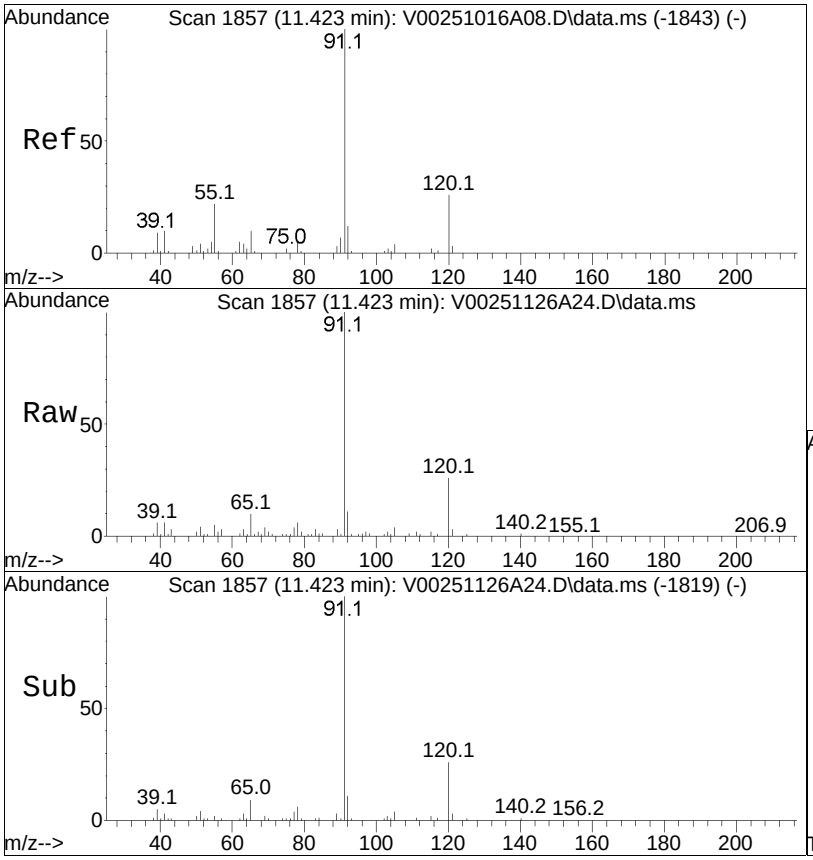


#83
Isopropylbenzene
Concen: 31.43 ug/L
RT: 10.951 min Scan# 1767
Delta R.T. 0.000 min
Lab File: V00251126A24.D
Acq: 26 Nov 2025 04:32 pm

Tgt Ion:105 Resp: 1074710

Ion	Ratio	Lower	Upper
105	100		
120	28.4	6.4	46.4

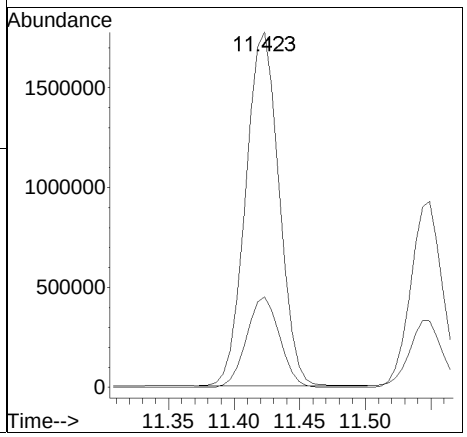


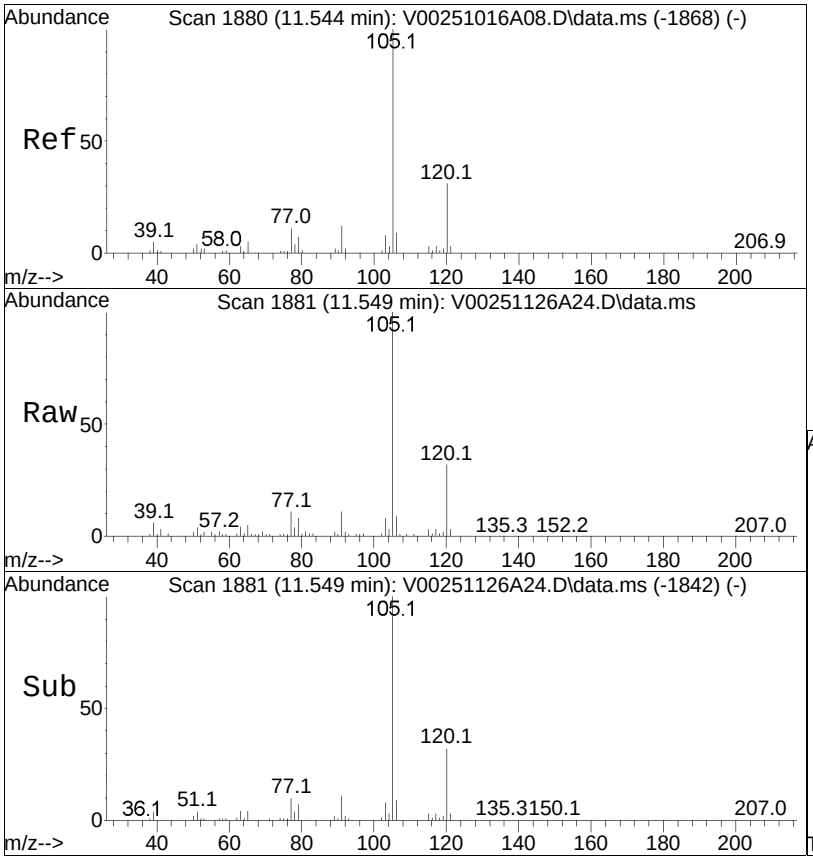


#86
n-Propylbenzene
Concen: 75.79 ug/L
RT: 11.423 min Scan# 1857
Delta R.T. 0.000 min
Lab File: V00251126A24.D
Acq: 26 Nov 2025 04:32 pm

Tgt Ion: 91 Resp: 3126834

Ion	Ratio	Lower	Upper
91	100		
120	25.4	18.2	27.2

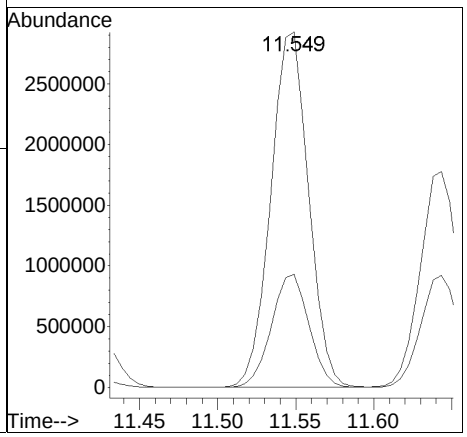


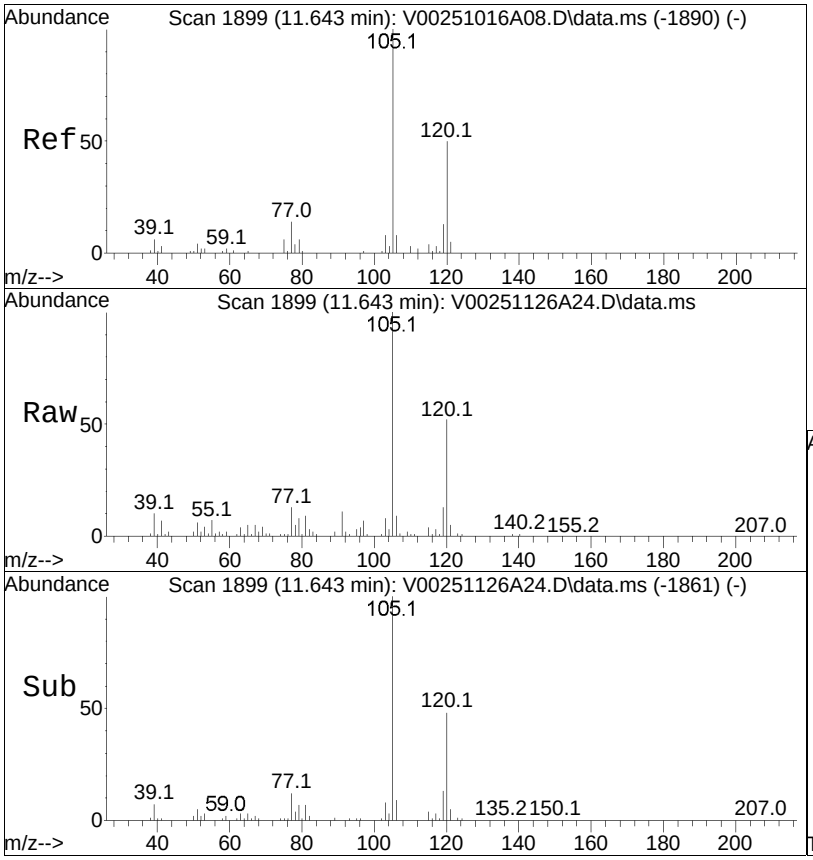


#89
4-Ethyltoluene
Concen: 146.16 ug/L
RT: 11.549 min Scan# 1881
Delta R.T. 0.005 min
Lab File: V00251126A24.D
Acq: 26 Nov 2025 04:32 pm

Tgt Ion:105 Resp: 4919913

Ion	Ratio	Lower	Upper
105	100		
120	31.6	19.3	40.1

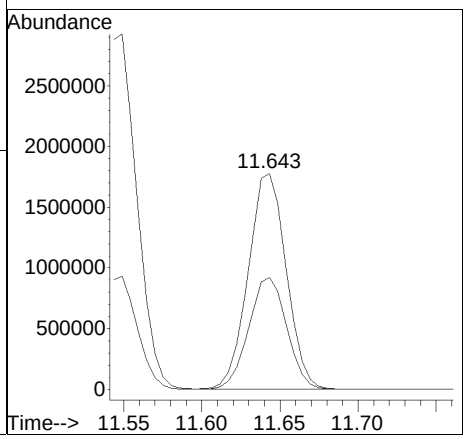


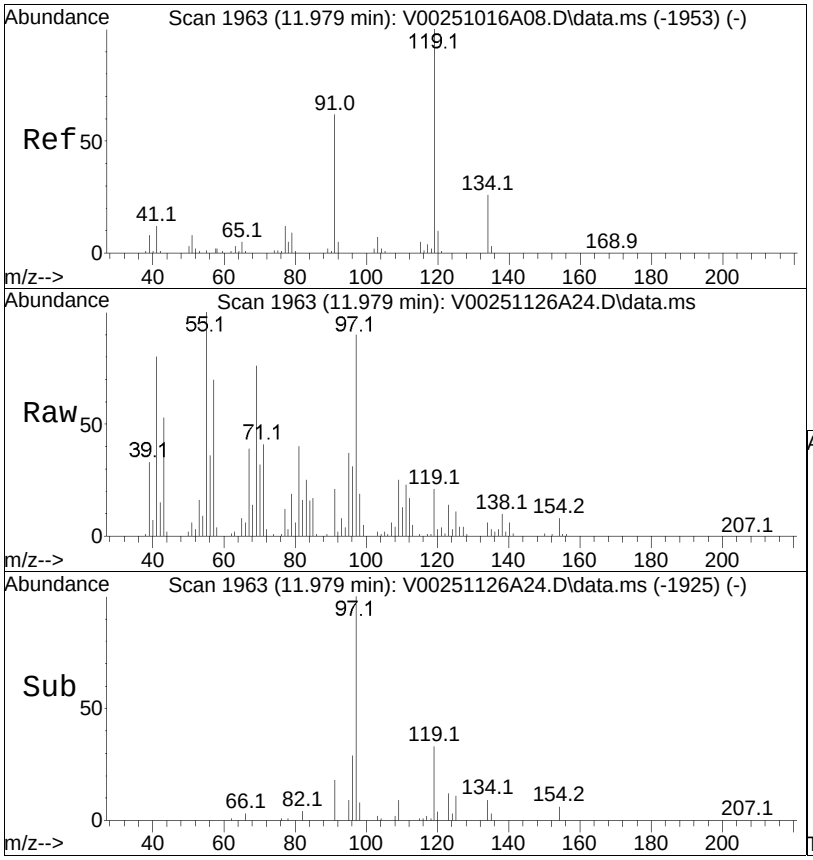


#91
1,3,5-Trimethylbenzene
Concen: 103.55 ug/L
RT: 11.643 min Scan# 1899
Delta R.T. 0.000 min
Lab File: V00251126A24.D
Acq: 26 Nov 2025 04:32 pm

Tgt Ion:105 Resp: 3005613

Ion	Ratio	Lower	Upper
105	100		
120	51.9	39.1	58.7

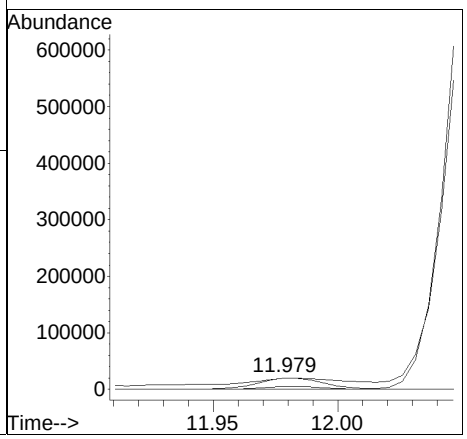


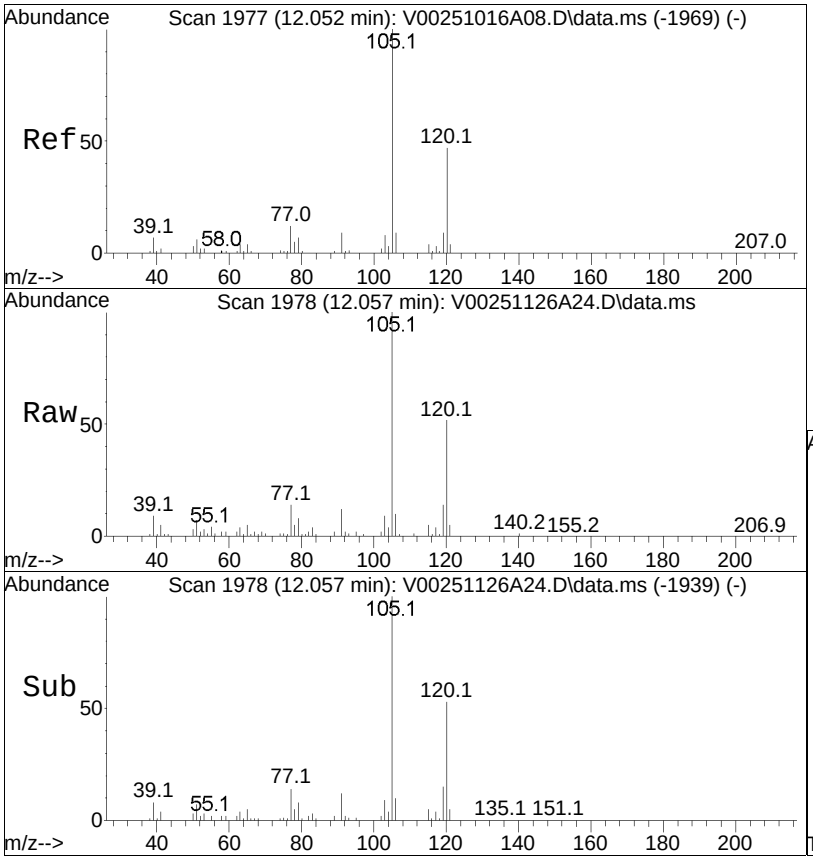


#95
tert-Butylbenzene
Concen: 1.46 ug/L M3
RT: 11.979 min Scan# 1963
Delta R.T. -0.000 min
Lab File: V00251126A24.D
Acq: 26 Nov 2025 04:32 pm

Tgt Ion:119 Resp: 37419

Ion	Ratio	Lower	Upper
119	100		
91	3890.1	54.8	82.2#
134	0.0	20.6	30.8#

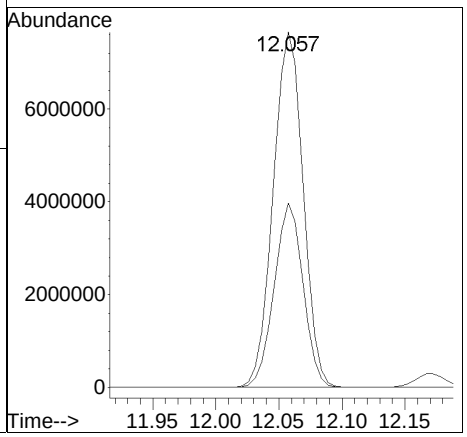


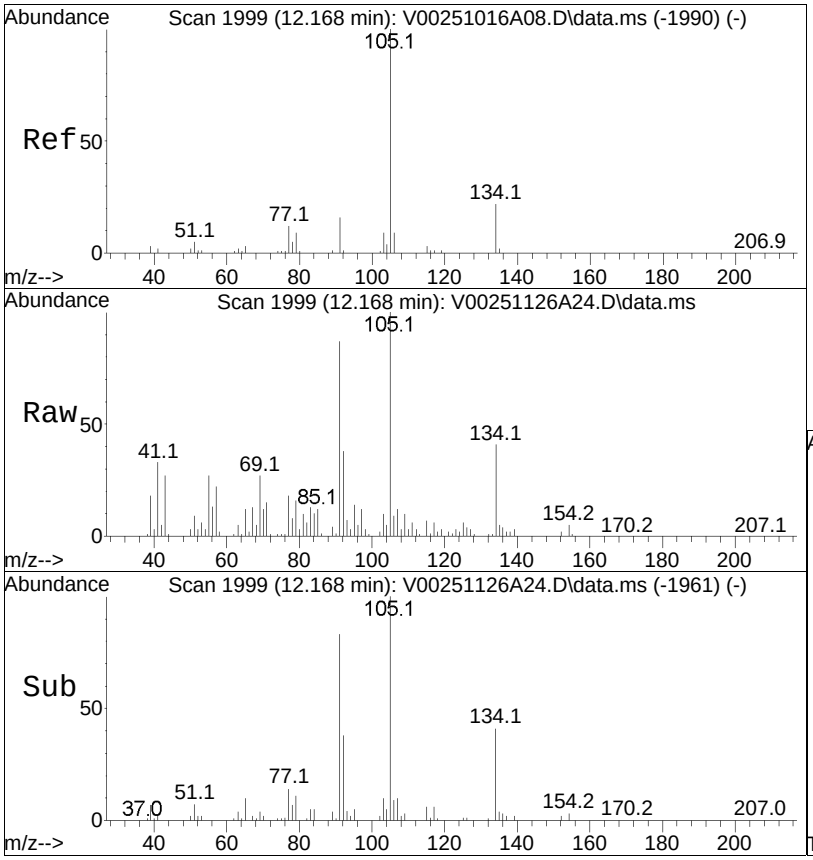


#98
1,2,4-Trimethylbenzene
Concen: 442.17 ug/L
RT: 12.057 min Scan# 1978
Delta R.T. 0.005 min
Lab File: V00251126A24.D
Acq: 26 Nov 2025 04:32 pm

Tgt Ion:105 Resp:12624810

Ion	Ratio	Lower	Upper
105	100		
120	50.0	37.1	55.7

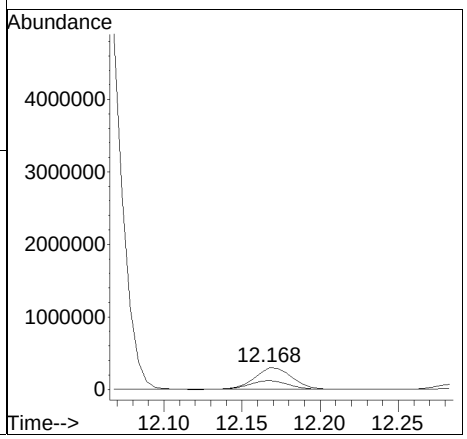


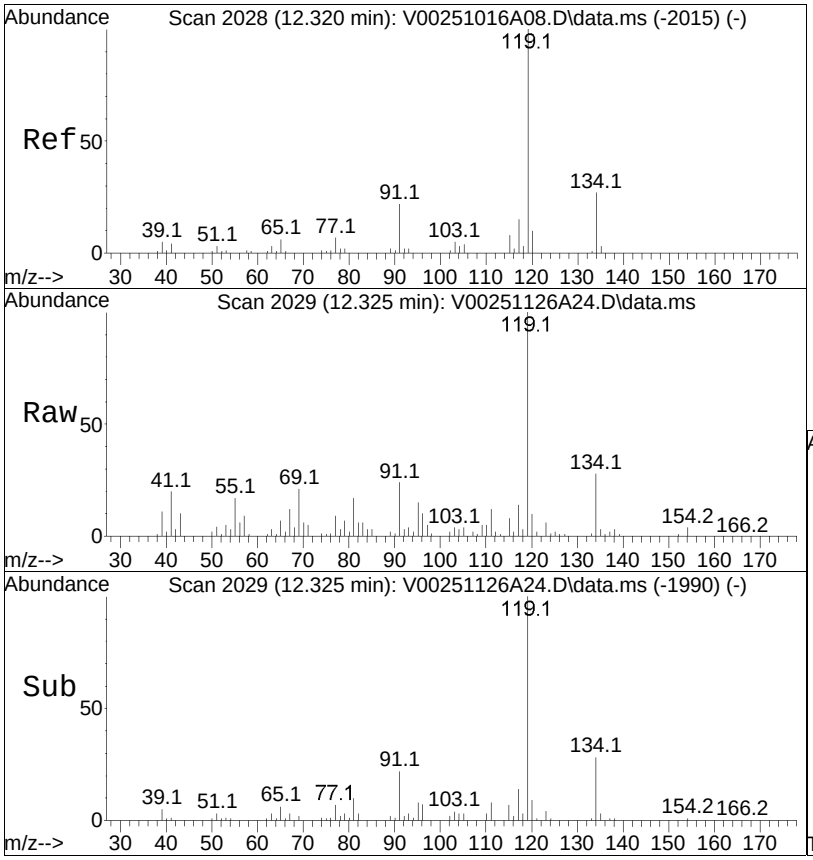


#99
sec-Butylbenzene
Concen: 13.12 ug/L
RT: 12.168 min Scan# 1999
Delta R.T. -0.000 min
Lab File: V00251126A24.D
Acq: 26 Nov 2025 04:32 pm

Tgt Ion:105 Resp: 496050

Ion	Ratio	Lower	Upper
105	100		
134	43.0	13.5	27.9#

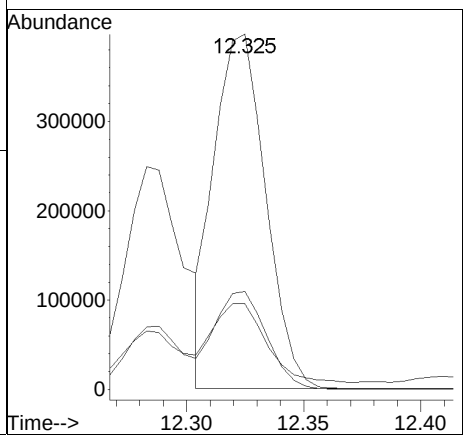


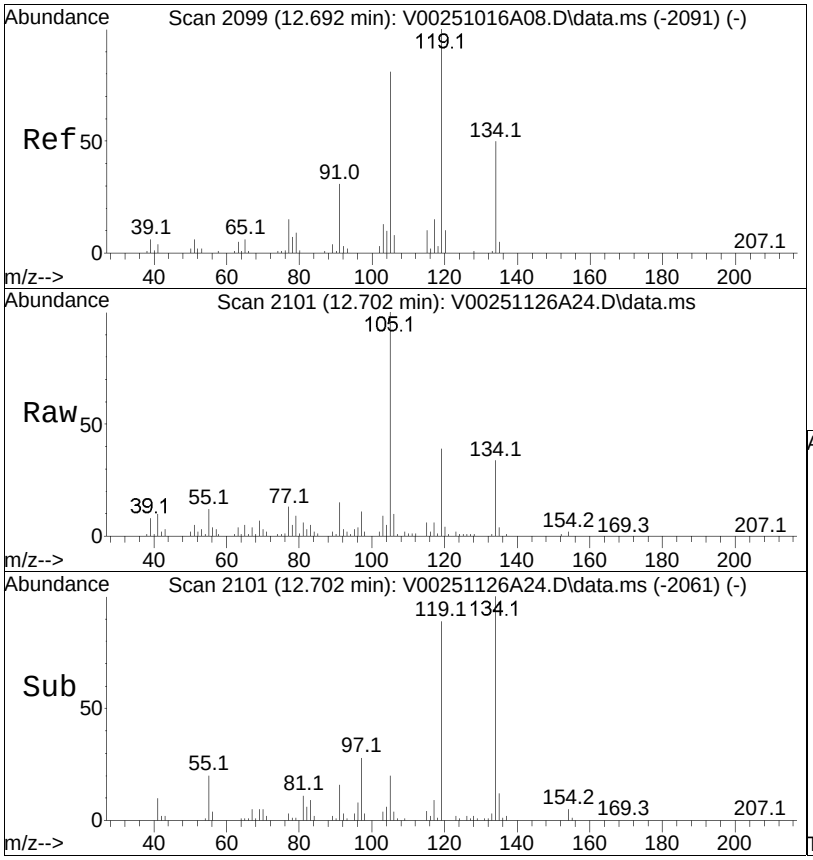


#100
p-Isopropyltoluene
Concen: 18.18 ug/L
RT: 12.325 min Scan# 2029
Delta R.T. 0.005 min
Lab File: V00251126A24.D
Acq: 26 Nov 2025 04:32 pm

Tgt Ion:119 Resp: 607625

Ion	Ratio	Lower	Upper
119	100		
134	27.7	17.4	36.0
91	23.8	15.8	32.8

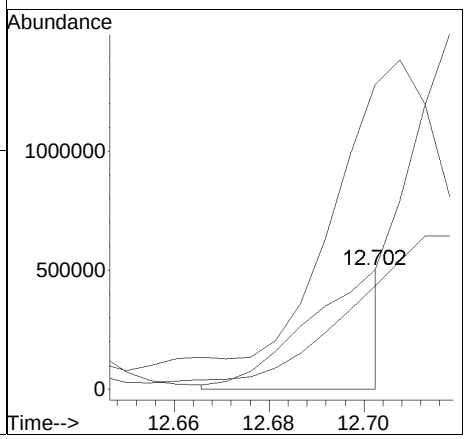


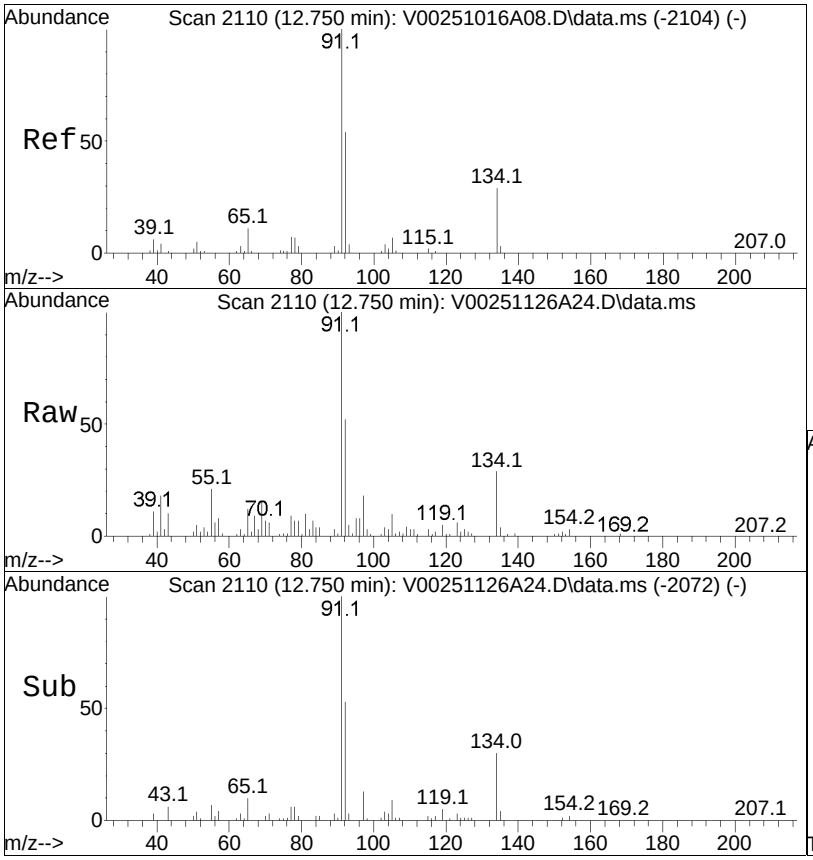


#103
p-Diethylbenzene
Concen: 28.13 ug/L M3
RT: 12.702 min Scan# 2101
Delta R.T. 0.010 min
Lab File: V00251126A24.D
Acq: 26 Nov 2025 04:32 pm

Tgt Ion:119 Resp: 564225

Ion	Ratio	Lower	Upper
119	100		
105	473.0	56.4	117.0#
134	301.6	30.4	63.0#

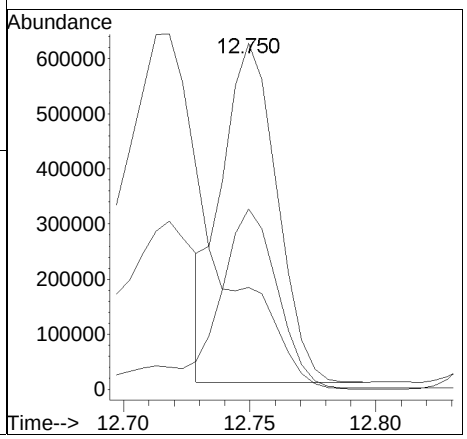


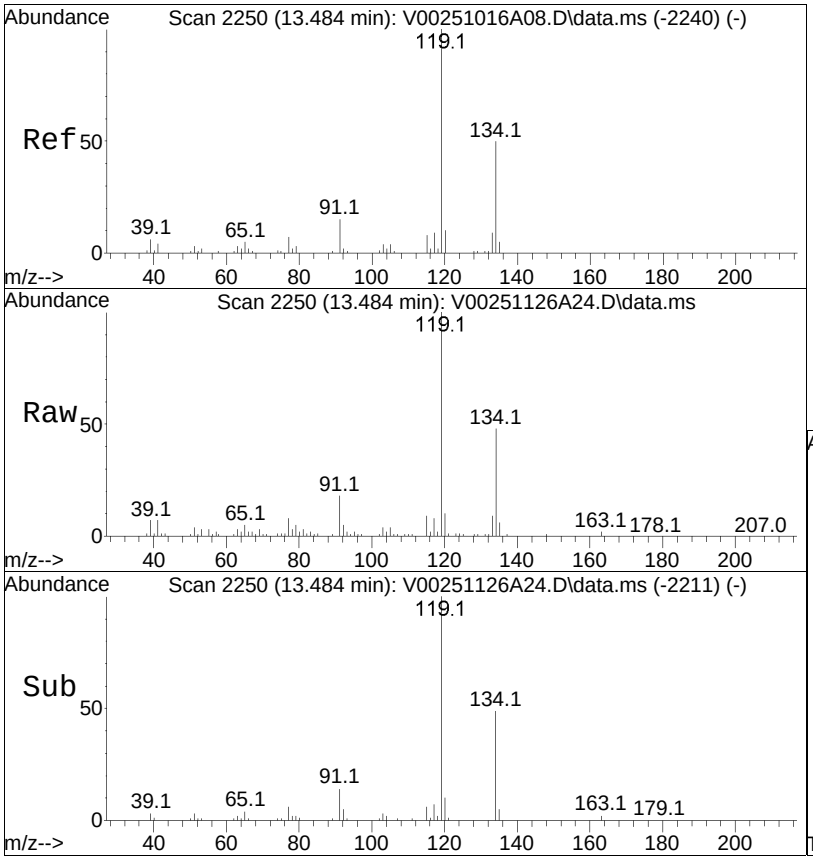


#104
n-Butylbenzene
Concen: 32.14 ug/L
RT: 12.750 min Scan# 2110
Delta R.T. -0.000 min
Lab File: V00251126A24.D
Acq: 26 Nov 2025 04:32 pm

Tgt Ion: 91 Resp: 940971

Ion	Ratio	Lower	Upper
91	100		
92	60.8	43.7	65.5
134	0.0	21.5	32.3#

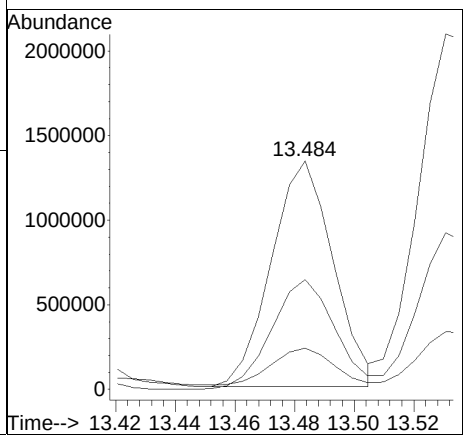


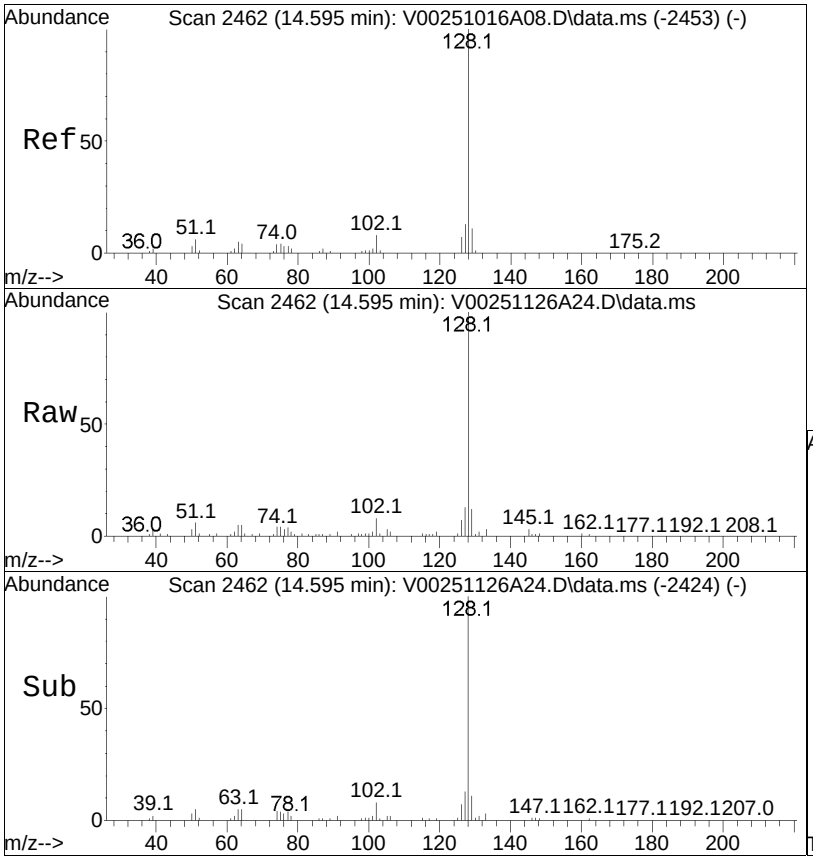


#106
1,2,4,5-Tetramethylbenzene
Concen: 63.71 ug/L
RT: 13.484 min Scan# 2250
Delta R.T. 0.006 min
Lab File: V00251126A24.D
Acq: 26 Nov 2025 04:32 pm

Tgt Ion:119 Resp: 1919959

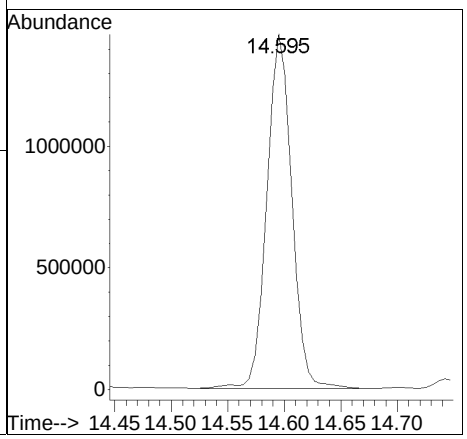
Ion	Ratio	Lower	Upper
119	100		
134	49.5	31.0	64.4
91	17.1	10.7	22.1





#111
Naphthalene
Concen: 87.88 ug/L
RT: 14.595 min Scan# 2462
Delta R.T. 0.000 min
Lab File: V00251126A24.D
Acq: 26 Nov 2025 04:32 pm

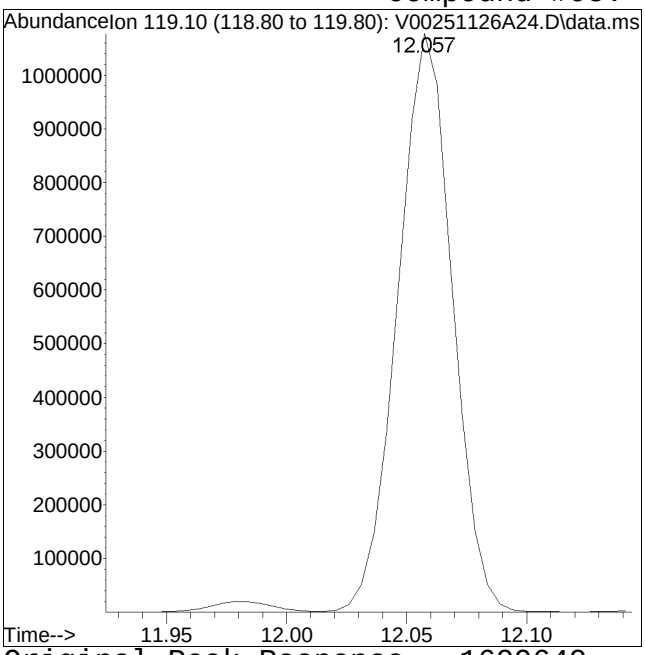
Tgt Ion:128 Resp: 2255449

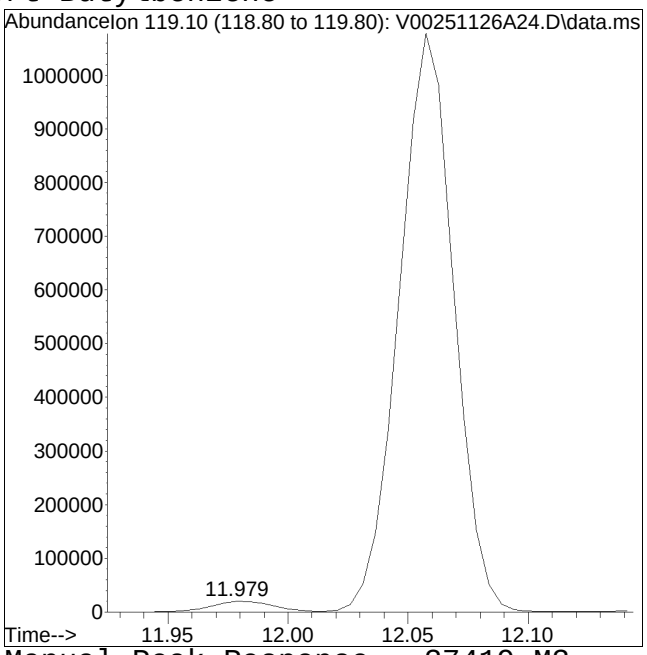


Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A24.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 4:32 pm Instrument : VOA100
Sample : L2574258-05D,31H,5.55,5,0. Quant Date : 11/28/2025 8:02 am

Compound #95: tert-Butylbenzene





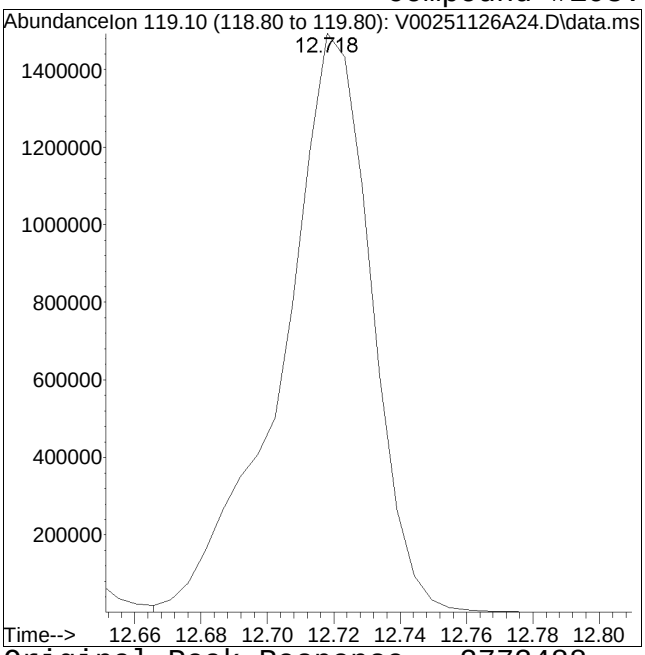
Original Peak Response = 1699649 Manual Peak Response = 37419 M3

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

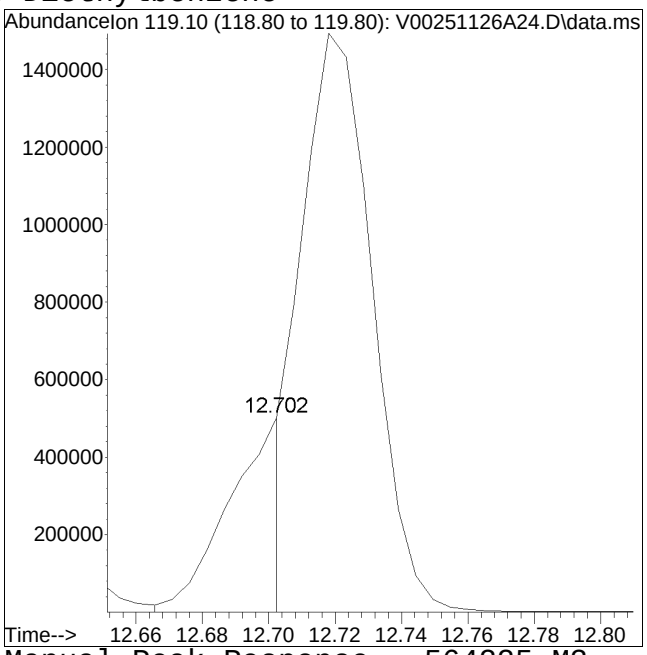
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A24.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 4:32 pm Instrument : VOA100
Sample : L2574258-05D,31H,5.55,5,0. Quant Date : 11/28/2025 8:02 am

Compound #103: p-Diethylbenzene



Original Peak Response = 2773488



Manual Peak Response = 564225 M3

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A19.D
Acq On : 26 Nov 2025 02:22 pm
Operator : VOA100:AJK
Sample : L2574258-03,31,5.97,5,,B,31.93,38.15,0.25
Misc : WG2146922,ICAL22760
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 28 08:22:37 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.232	96	385365	20.000 ug/L	0.00
Standard Area 1 = 378260			Recovery = 101.88%		
60) Chlorobenzene-d5	9.792	117	334763	20.000 ug/L	0.00
Standard Area 1 = 324241			Recovery = 103.25%		
80) 1,4-Dichlorobenzene-d4	12.461	152	210658	20.000 ug/L	0.00
Standard Area 1 = 197845			Recovery = 106.48%		
System Monitoring Compounds					
37) Dibromofluoromethane	5.409	113	97793	16.692 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 83.46%		
44) 1,2-Dichloroethane-d4	5.939	65	92119	17.391 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 86.95%		
61) Toluene-d8	7.942	98	411767	20.352 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.76%		
84) 4-Bromofluorobenzene	11.261	95	258074	31.708 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 158.54%#		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	2.012	50	212	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.389	94	57	Below Cal #	1
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	3.191	76	70296	1.695 ug/L	97
15) Methylene chloride	3.711	84	2873	0.455 ug/L #	11
17) Acetone	3.726	43	32340	11.170 ug/L #	77
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	4.418	63	54	N.D.	
25) Acrylonitrile	0.000		0	N.D. d	
27) Vinyl acetate	0.000		0	N.D. d	
28) cis-1,2-Dichloroethene	4.974	96	57	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D. d	
31) Bromochloromethane	0.000		0	N.D.	
33) Chloroform	0.000		0	N.D. d	

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A19.D
Acq On : 26 Nov 2025 02:22 pm
Operator : VOA100:AJK
Sample : L2574258-03,31,5.97,5,,B,31.93,38.15,0.25
Misc : WG2146922,ICAL22760
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 28 08:22:37 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
35) Carbon tetrachloride	0.000		0	N.D.			
38) 1,1,1-Trichloroethane	0.000		0	N.D.	d		
40) 2-Butanone	0.000		0	N.D.	d		
41) 1,1-Dichloropropene	0.000		0	N.D.			
42) Benzene	5.808	78	551	N.D.			
45) 1,2-Dichloroethane	6.017	62	698	N.D.			
49) Trichloroethene	0.000		0	N.D.	d		
51) Dibromomethane	0.000		0	N.D.	d		
52) 1,2-Dichloropropane	0.000		0	N.D.	d		
55) Bromodichloromethane	0.000		0	N.D.	d		
58) 1,4-Dioxane	0.000		0	N.D.			
59) cis-1,3-Dichloropropene	7.721	75	52	N.D.			
62) Toluene	7.999	92	7032	0.523	ug/L	#	17
63) 4-Methyl-2-pentanone	0.000		0	N.D.	d		
64) Tetrachloroethene	0.000		0	N.D.			
66) trans-1,3-Dichloropropene	8.450	75	54	N.D.			
69) 1,1,2-Trichloroethane	0.000		0	N.D.	d		
70) Chlorodibromomethane	0.000		0	N.D.	d		
71) 1,3-Dichloropropane	8.964	76	215	N.D.			
72) 1,2-Dibromoethane	0.000		0	N.D.	d		
73) 2-Hexanone	0.000		0	N.D.	d		
74) Chlorobenzene	0.000		0	N.D.	d		
75) Ethylbenzene	9.855	91	292275	11.046	ug/L		95
76) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
77) p/m Xylene	10.049	106	139303	13.126	ug/L		99
78) o Xylene	10.579	106	6279	0.596	ug/L	#	1
79) Styrene	10.631	104	739	N.D.			
81) Bromoform	10.658	173	59	N.D.			
83) Isopropylbenzene	10.951	105	518459	17.740	ug/L		96
85) Bromobenzene	11.512	156	563	N.D.			
86) n-Propylbenzene	11.423	91	1090516	30.926	ug/L		94
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d		
89) 4-Ethyltoluene	11.544	105	1066998	37.086	ug/L		97
90) 2-Chlorotoluene	0.000		0	N.D.	d		
91) 1,3,5-Trimethylbenzene	11.643	105	757899	30.552	ug/L		96
92) 1,2,3-Trichloropropane	0.000		0	N.D.	d		
93) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d		
94) 4-Chlorotoluene	0.000		0	N.D.	d		
95) tert-Butylbenzene	11.979	119	51585	2.352	ug/L		89

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A19.D
Acq On : 26 Nov 2025 02:22 pm
Operator : VOA100:AJK
Sample : L2574258-03,31,5.97,5,,B,31.93,38.15,0.25
Misc : WG2146922,ICAL22760
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 28 08:22:37 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
98) 1,2,4-Trimethylbenzene	12.057	105	2894631	118.618	ug/L		97
99) sec-Butylbenzene	12.173	105	446278	13.815	ug/L	#	56
100) p-Isopropyltoluene	12.325	119	754226	26.407	ug/L		98
101) 1,3-Dichlorobenzene	12.398	146	55	N.D.			
102) 1,4-Dichlorobenzene	12.477	146	458	N.D.			
103) p-Diethylbenzene	12.702	119	404320M6	23.583	ug/L		
104) n-Butylbenzene	12.750	91	377498	15.086	ug/L	#	82
105) 1,2-Dichlorobenzene	12.949	146	976	N.D.			
106) 1,2,4,5-Tetramethylben...	13.484	119	1411272	54.791	ug/L		96
107) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	d		
109) Hexachlorobutadiene	0.000		0	N.D.			
110) 1,2,4-Trichlorobenzene	0.000		0	N.D.	d		
111) Naphthalene	14.595	128	502036	22.887	ug/L		100
112) 1,2,3-Trichlorobenzene	0.000		0	N.D.	d		

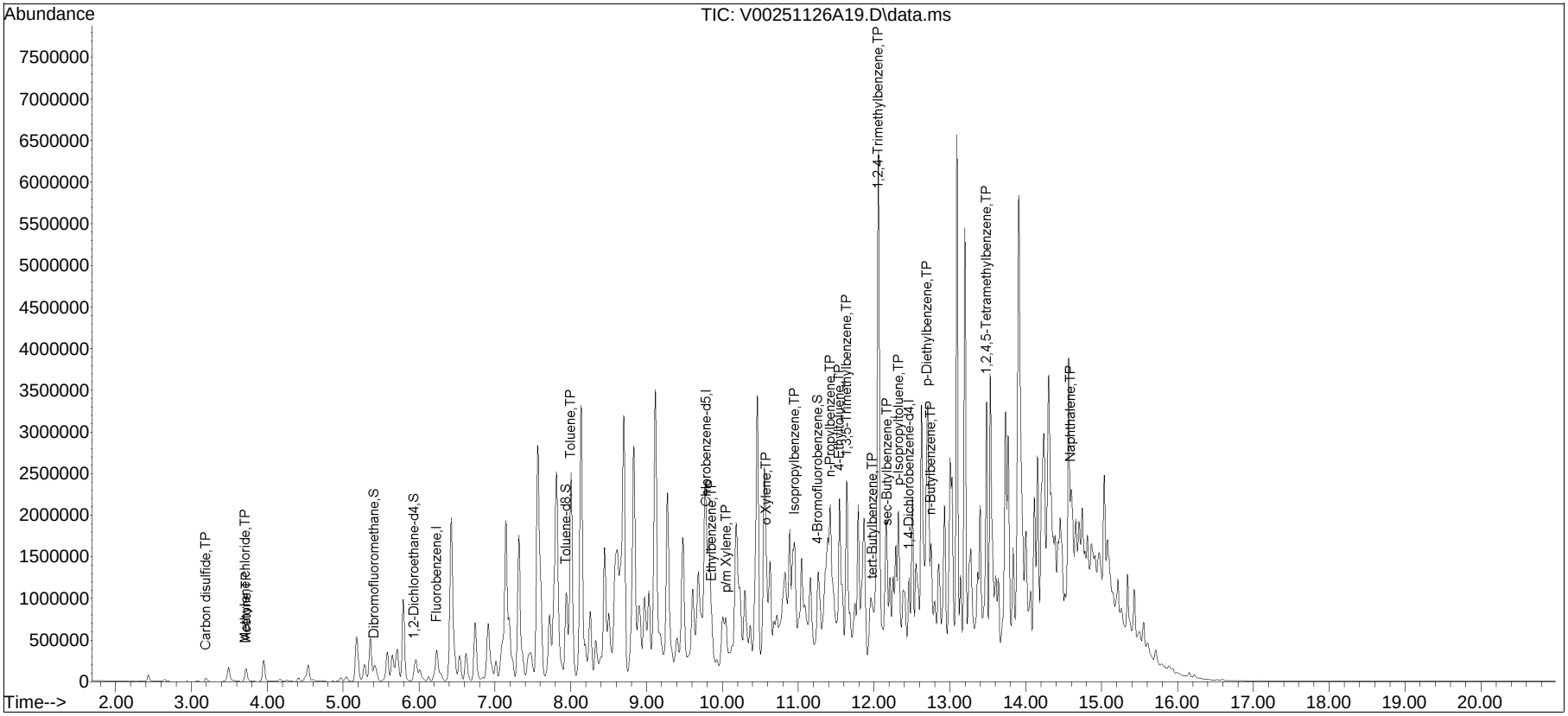
(#) = qualifier out of range (m) = manual integration (+) = signals summed

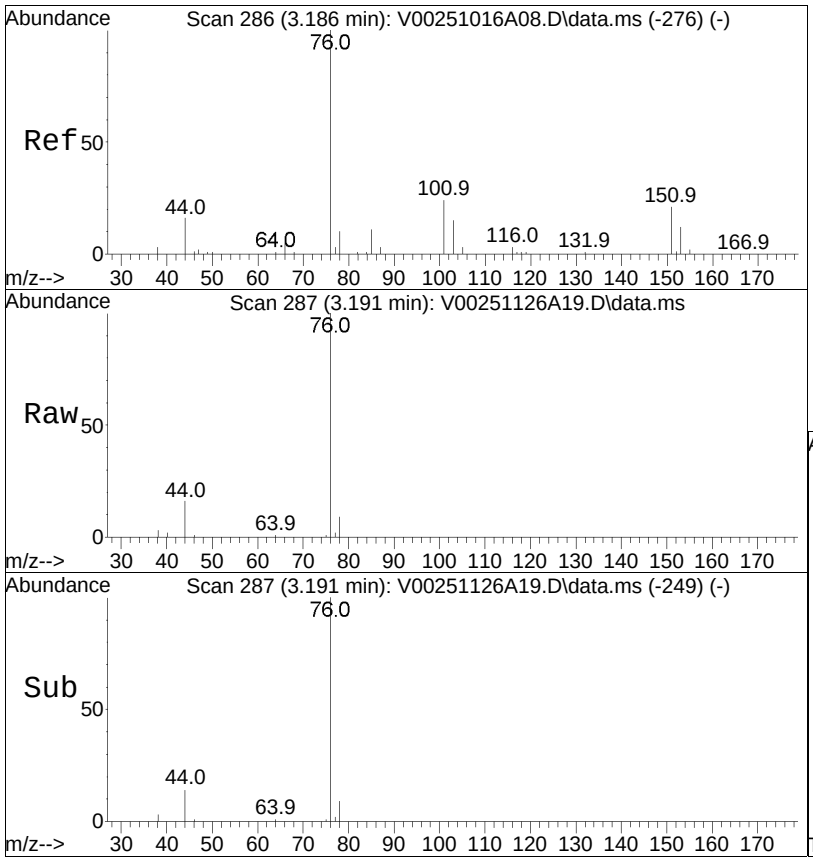
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A19.D
Acq On : 26 Nov 2025 02:22 pm
Operator : VOA100:AJK
Sample : L2574258-03,31,5.97,5,,B,31.93,38.15,0.25
Misc : WG2146922,ICAL22760
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 28 08:22:37 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251126A01.D•

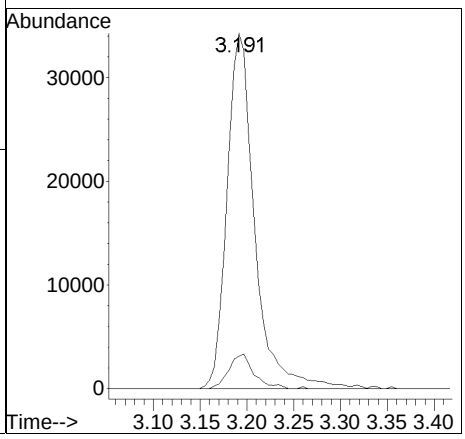


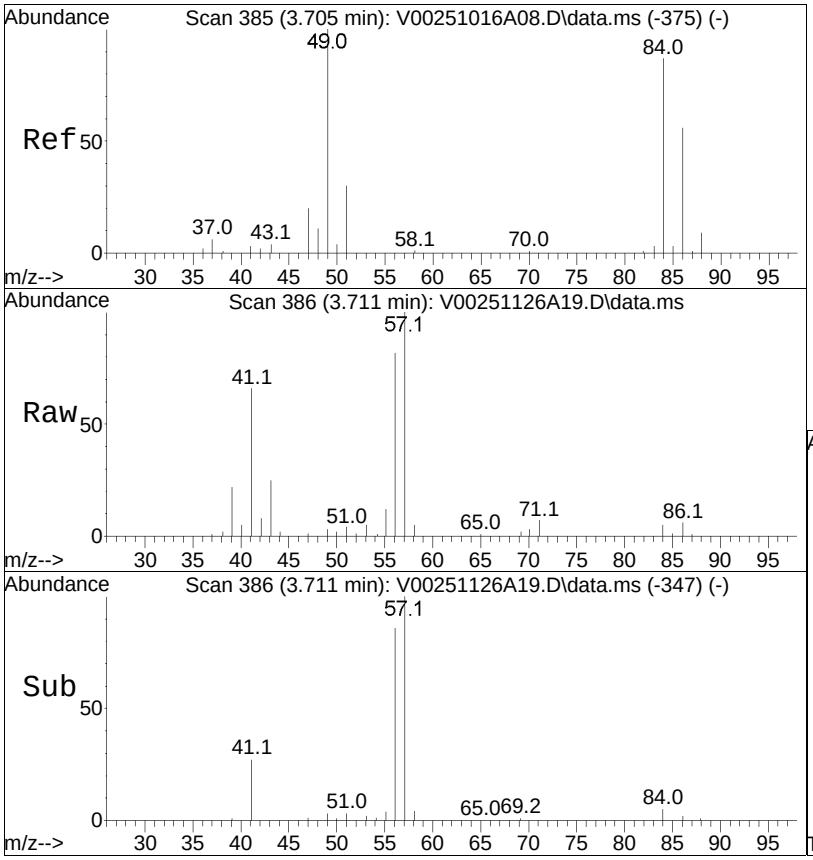


#11
Carbon disulfide
Concen: 1.70 ug/L
RT: 3.191 min Scan# 287
Delta R.T. -0.001 min
Lab File: V00251126A19.D
Acq: 26 Nov 2025 02:22 pm

Tgt Ion: 76 Resp: 70296

Ion	Ratio	Lower	Upper
76	100		
78	8.7	6.4	13.4

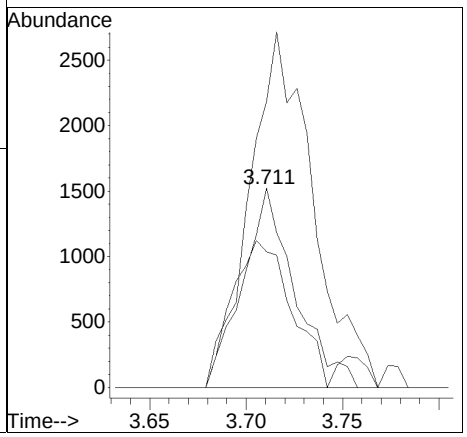


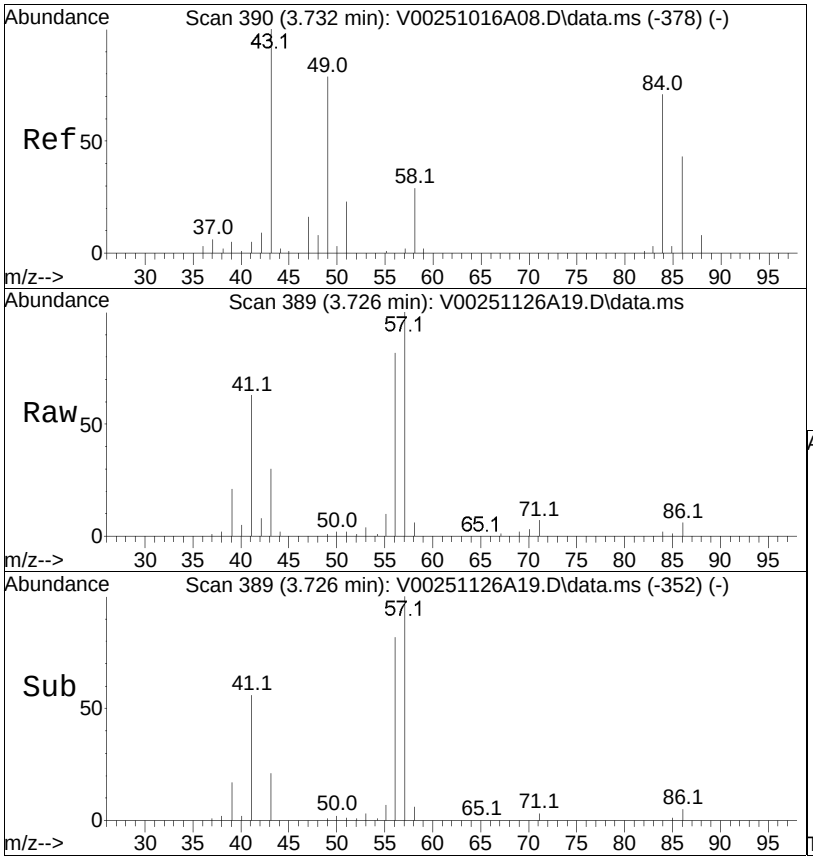


#15
Methylene chloride
Concen: 0.45 ug/L
RT: 3.711 min Scan# 386
Delta R.T. 0.006 min
Lab File: V00251126A19.D
Acq: 26 Nov 2025 02:22 pm

Tgt Ion: 84 Resp: 2873

Ion	Ratio	Lower	Upper
84	100		
86	215.5	39.6	82.2#
49	83.8	72.7	150.9

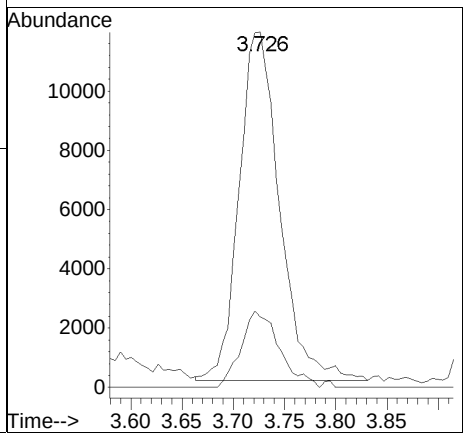


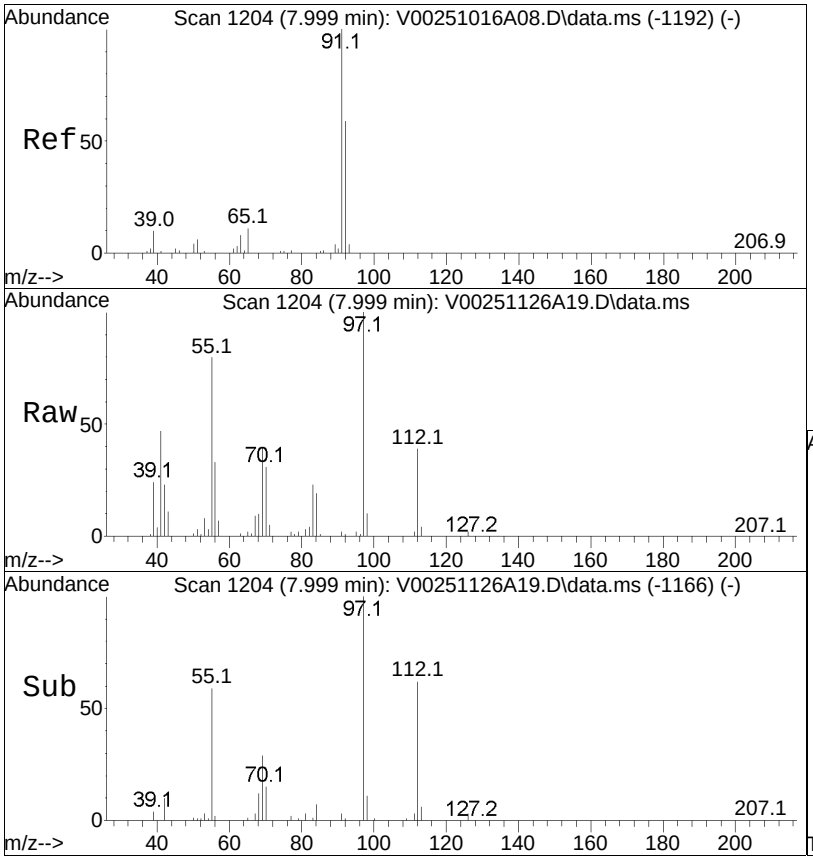


#17
Acetone
Concen: 11.17 ug/L
RT: 3.726 min Scan# 389
Delta R.T. -0.006 min
Lab File: V00251126A19.D
Acq: 26 Nov 2025 02:22 pm

Tgt Ion: 43 Resp: 32340

Ion	Ratio	Lower	Upper
43	100		
58	20.7	27.2	40.8#

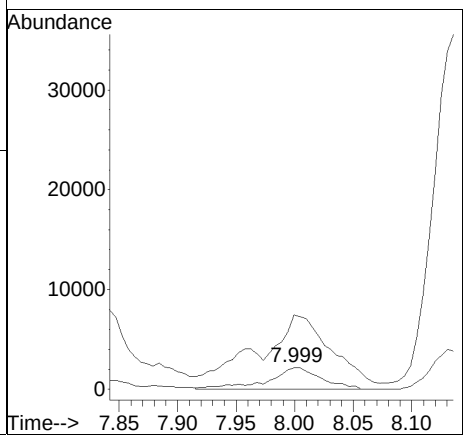


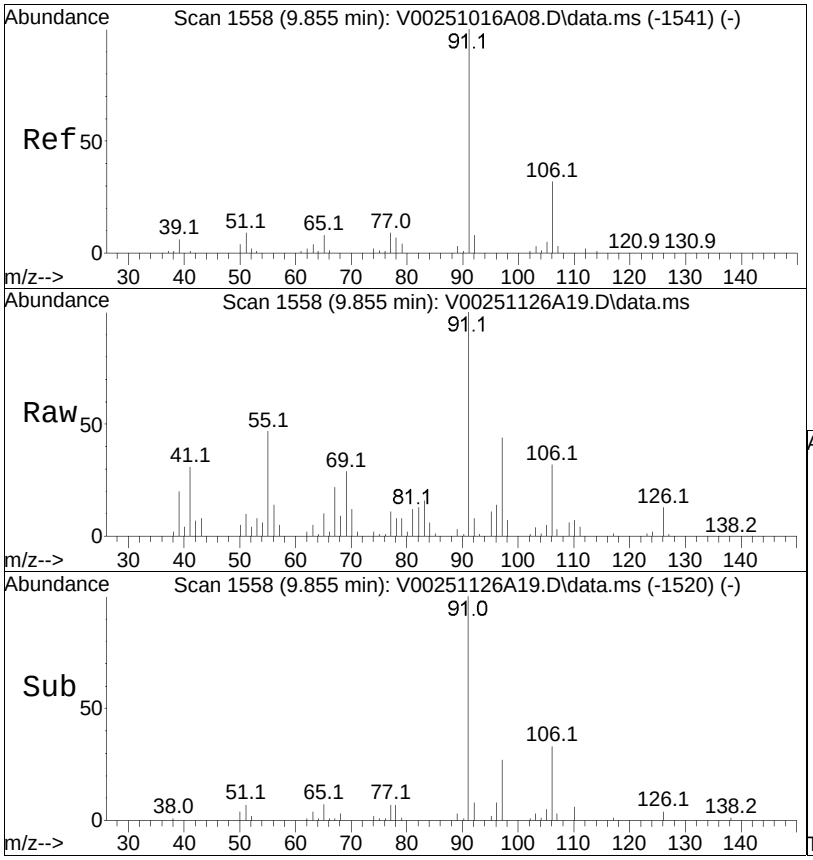


#62
Toluene
Concen: 0.52 ug/L
RT: 7.999 min Scan# 1204
Delta R.T. -0.001 min
Lab File: V00251126A19.D
Acq: 26 Nov 2025 02:22 pm

Tgt Ion: 92 Resp: 7032

Ion	Ratio	Lower	Upper
92	100		
91	287.7	138.2	207.2#

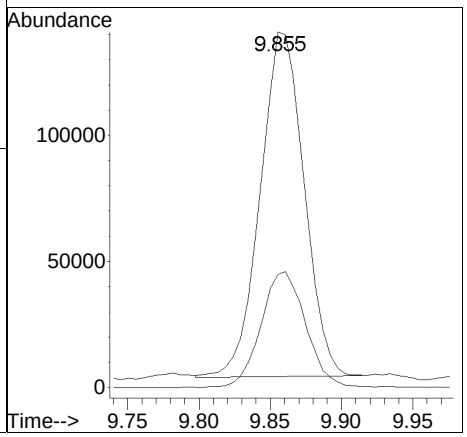


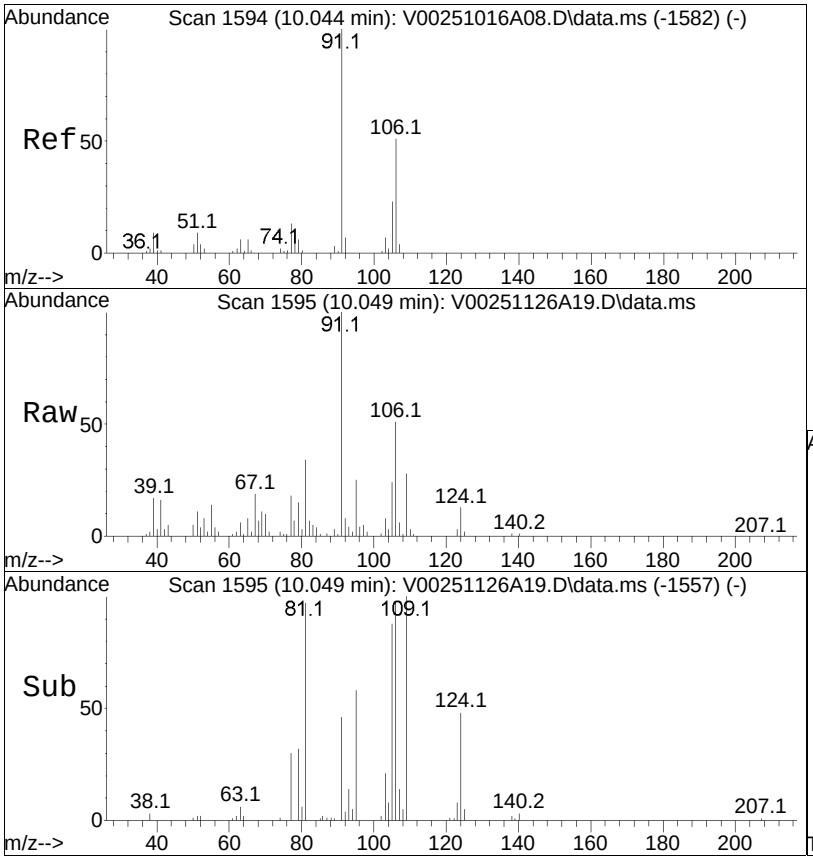


#75
Ethylbenzene
Concen: 11.05 ug/L
RT: 9.855 min Scan# 1558
Delta R.T. -0.001 min
Lab File: V00251126A19.D
Acq: 26 Nov 2025 02:22 pm

Tgt Ion: 91 Resp: 292275

Ion	Ratio	Lower	Upper
91	100		
106	34.2	25.1	37.7

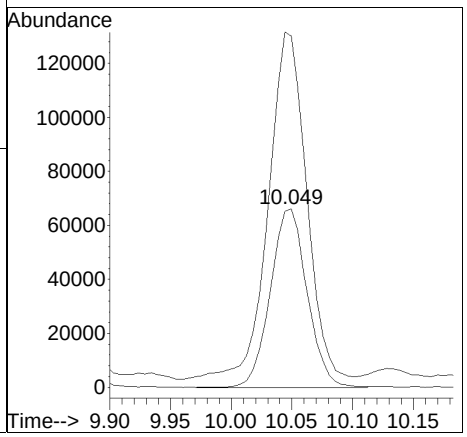


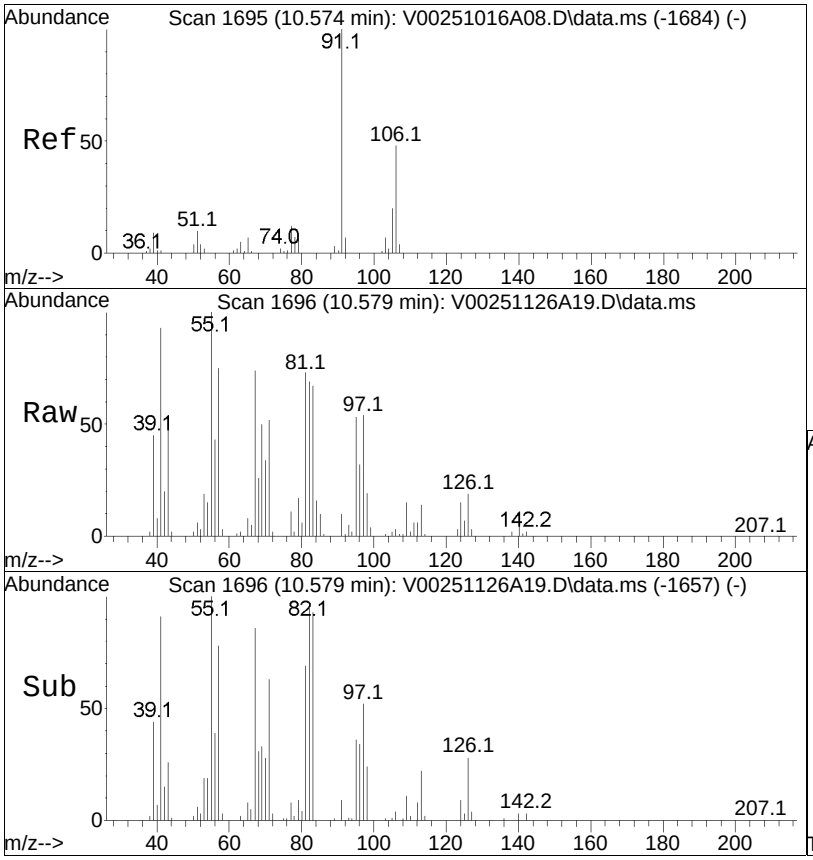


#77
p/m Xylene
Concen: 13.13 ug/L
RT: 10.049 min Scan# 1595
Delta R.T. -0.001 min
Lab File: V00251126A19.D
Acq: 26 Nov 2025 02:22 pm

Tgt Ion:106 Resp: 139303

Ion	Ratio	Lower	Upper
106	100		
91	200.6	159.5	239.3

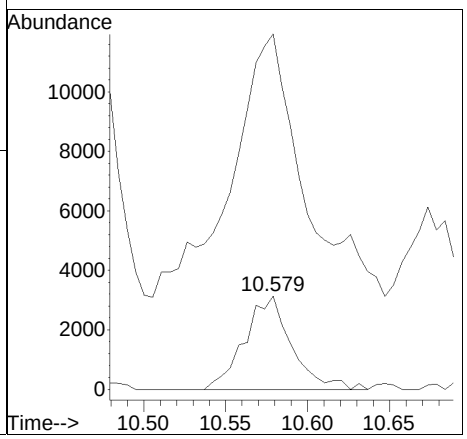


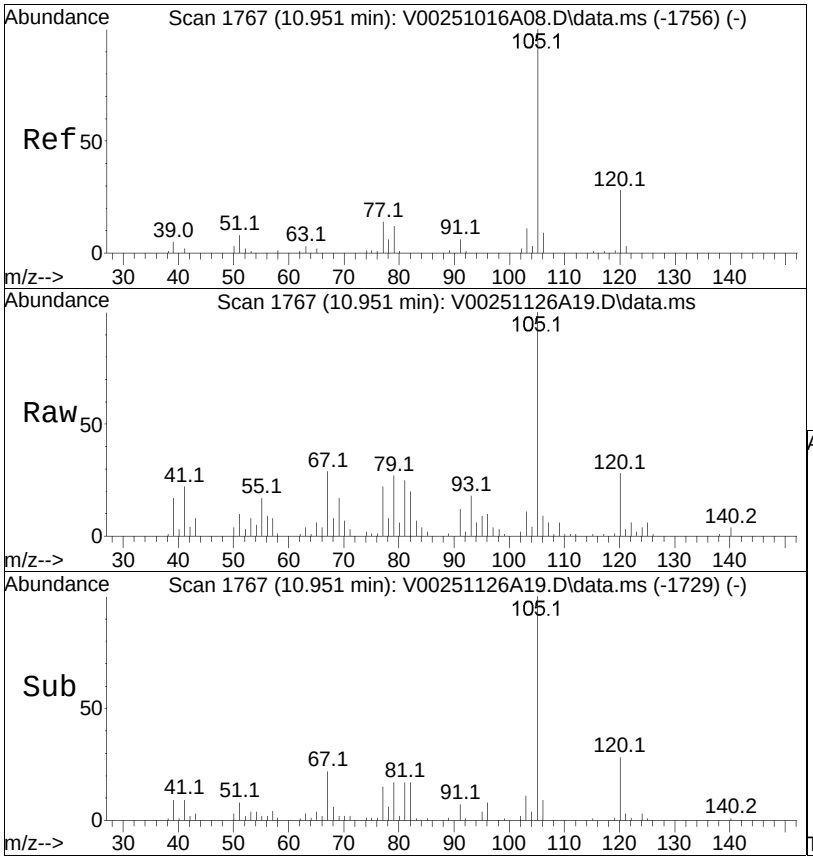


#78
o Xylene
Concen: 0.60 ug/L
RT: 10.579 min Scan# 1696
Delta R.T. 0.005 min
Lab File: V00251126A19.D
Acq: 26 Nov 2025 02:22 pm

Tgt Ion:106 Resp: 6279

Ion	Ratio	Lower	Upper
106	100		
91	392.6	168.6	252.8#

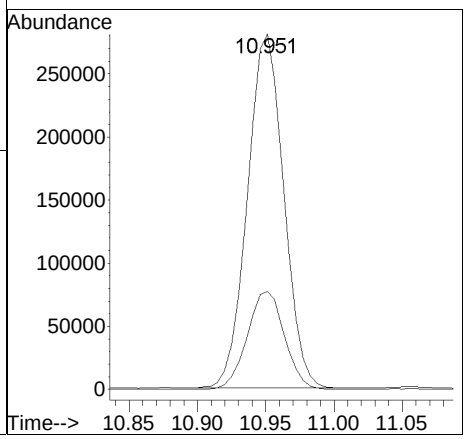


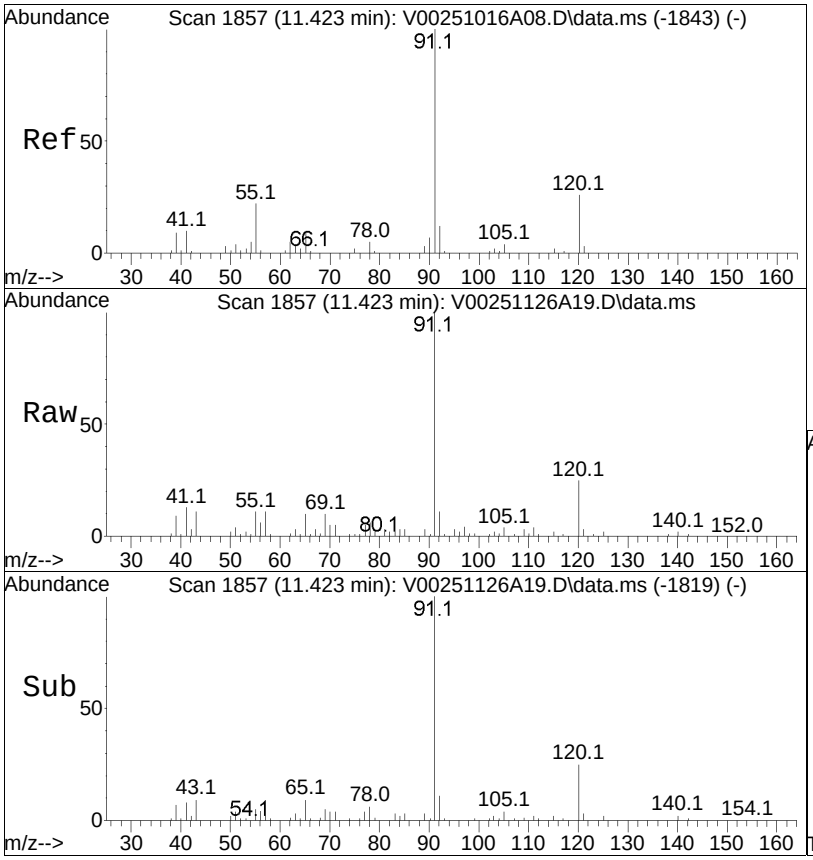


#83
Isopropylbenzene
Concen: 17.74 ug/L
RT: 10.951 min Scan# 1767
Delta R.T. 0.000 min
Lab File: V00251126A19.D
Acq: 26 Nov 2025 02:22 pm

Tgt Ion:105 Resp: 518459

Ion	Ratio	Lower	Upper
105	100		
120	28.4	6.4	46.4

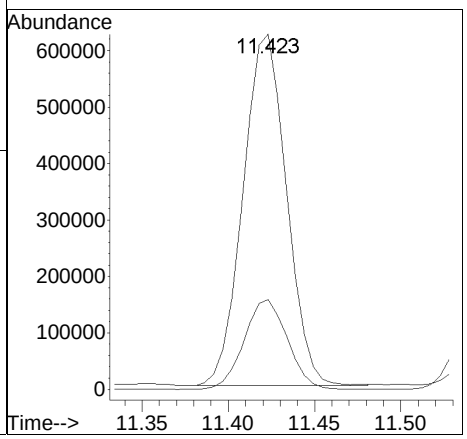


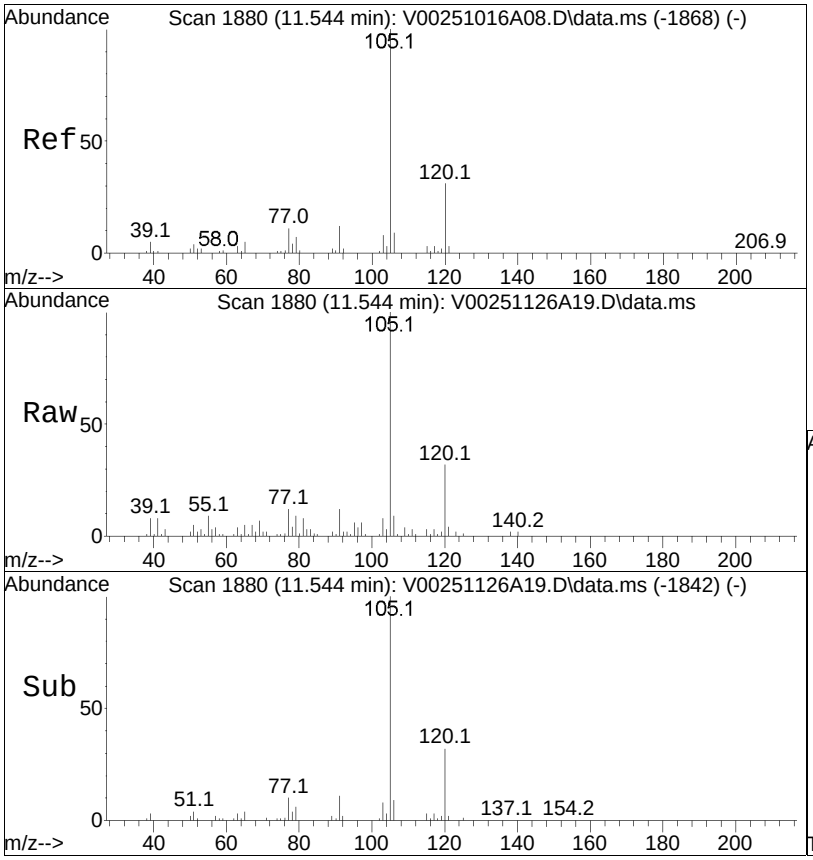


#86
n-Propylbenzene
Concen: 30.93 ug/L
RT: 11.423 min Scan# 1857
Delta R.T. 0.000 min
Lab File: V00251126A19.D
Acq: 26 Nov 2025 02:22 pm

Tgt Ion: 91 Resp: 1090516

Ion	Ratio	Lower	Upper
91	100		
120	25.5	18.2	27.2

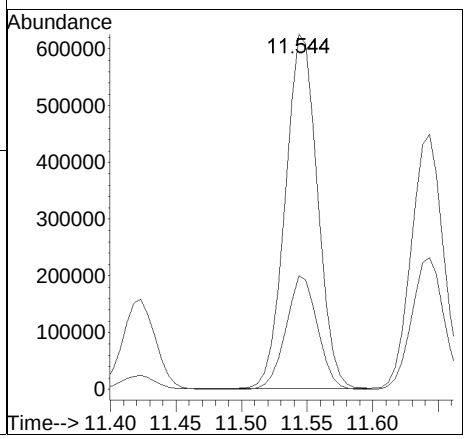


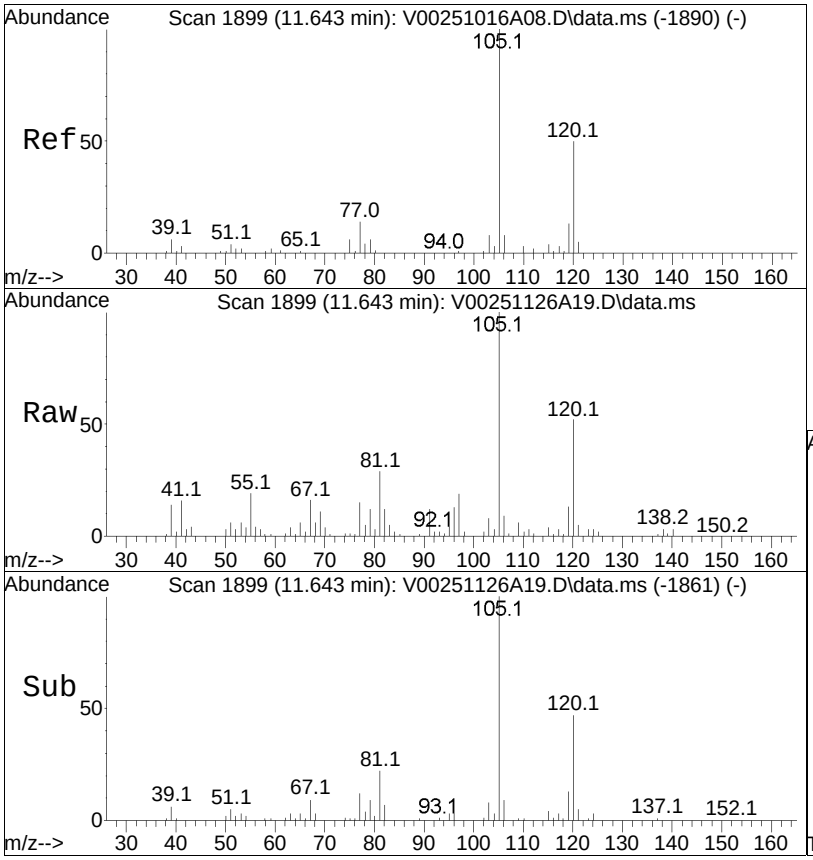


#89
4-Ethyltoluene
Concen: 37.09 ug/L
RT: 11.544 min Scan# 1880
Delta R.T. -0.000 min
Lab File: V00251126A19.D
Acq: 26 Nov 2025 02:22 pm

Tgt Ion:105 Resp: 1066998

Ion	Ratio	Lower	Upper
105	100		
120	31.4	19.3	40.1

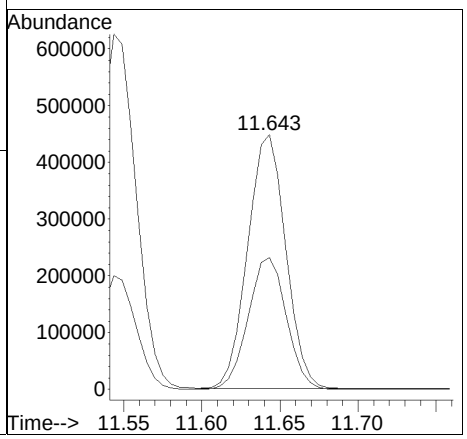


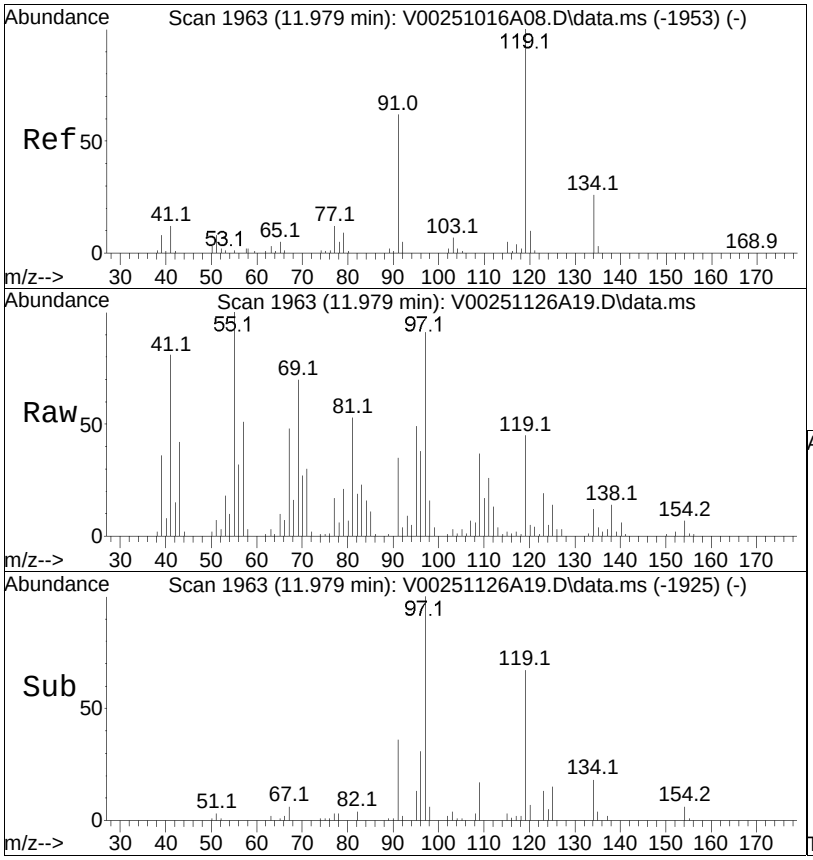


#91
1,3,5-Trimethylbenzene
Concen: 30.55 ug/L
RT: 11.643 min Scan# 1899
Delta R.T. 0.000 min
Lab File: V00251126A19.D
Acq: 26 Nov 2025 02:22 pm

Tgt Ion:105 Resp: 757899

Ion	Ratio	Lower	Upper
105	100		
120	52.0	39.1	58.7

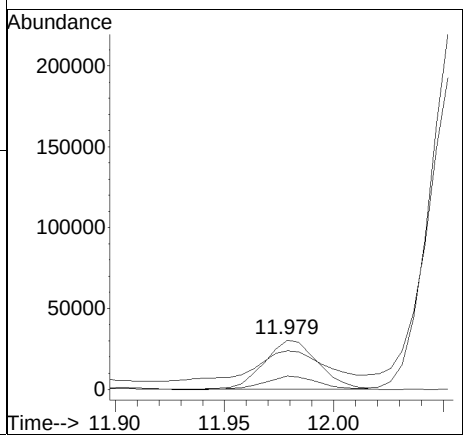


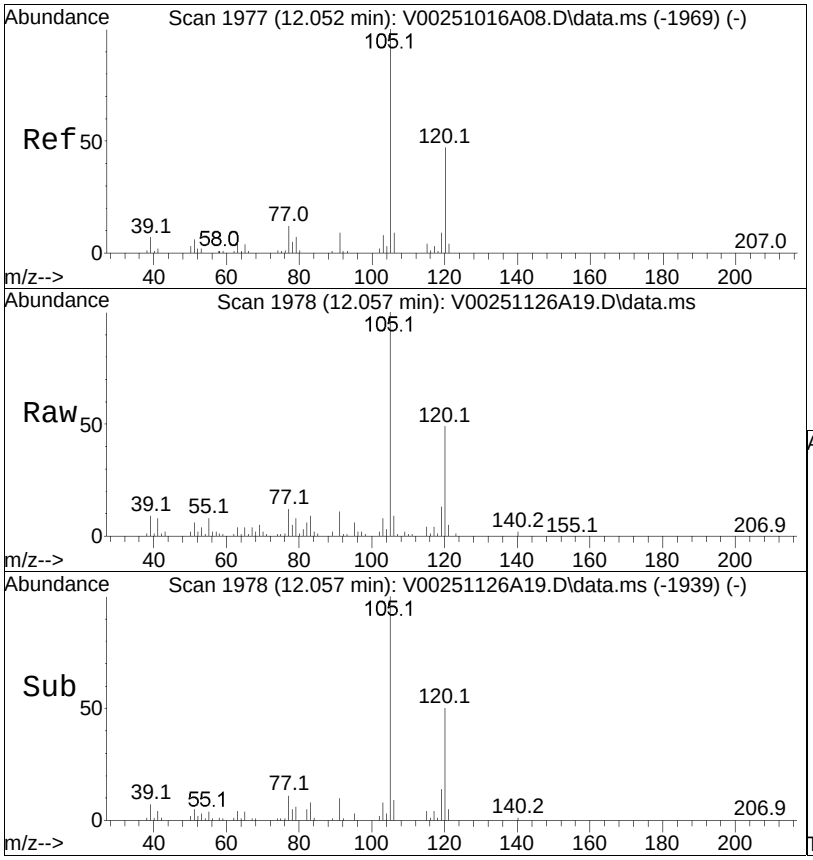


#95
tert-Butylbenzene
Concen: 2.35 ug/L
RT: 11.979 min Scan# 1963
Delta R.T. -0.000 min
Lab File: V00251126A19.D
Acq: 26 Nov 2025 02:22 pm

Tgt Ion:119 Resp: 51585

Ion	Ratio	Lower	Upper
119	100		
91	79.8	54.8	82.2
134	27.1	20.6	30.8

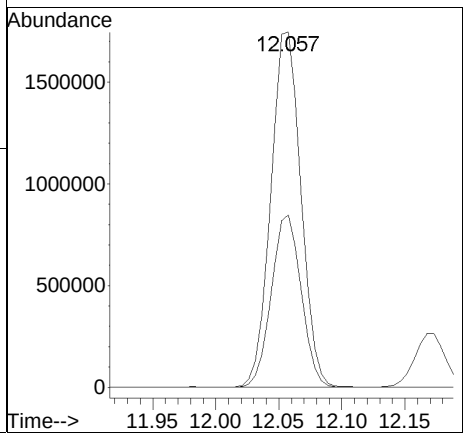


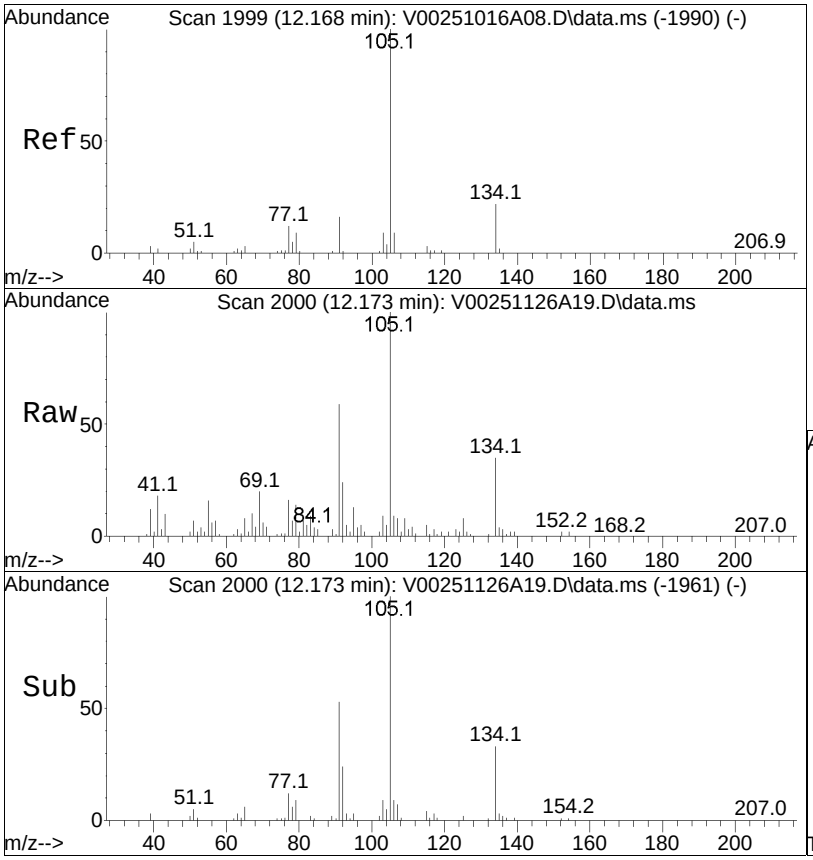


#98
1,2,4-Trimethylbenzene
Concen: 118.62 ug/L
RT: 12.057 min Scan# 1978
Delta R.T. 0.005 min
Lab File: V00251126A19.D
Acq: 26 Nov 2025 02:22 pm

Tgt Ion:105 Resp: 2894631

Ion	Ratio	Lower	Upper
105	100		
120	48.2	37.1	55.7

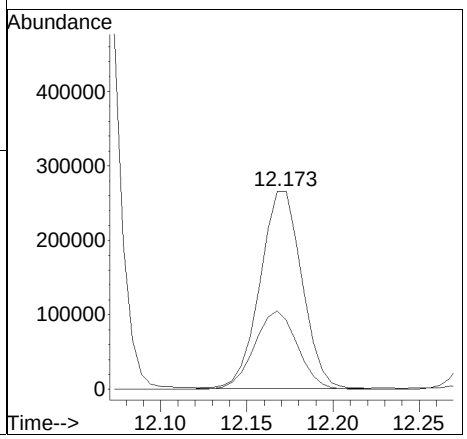


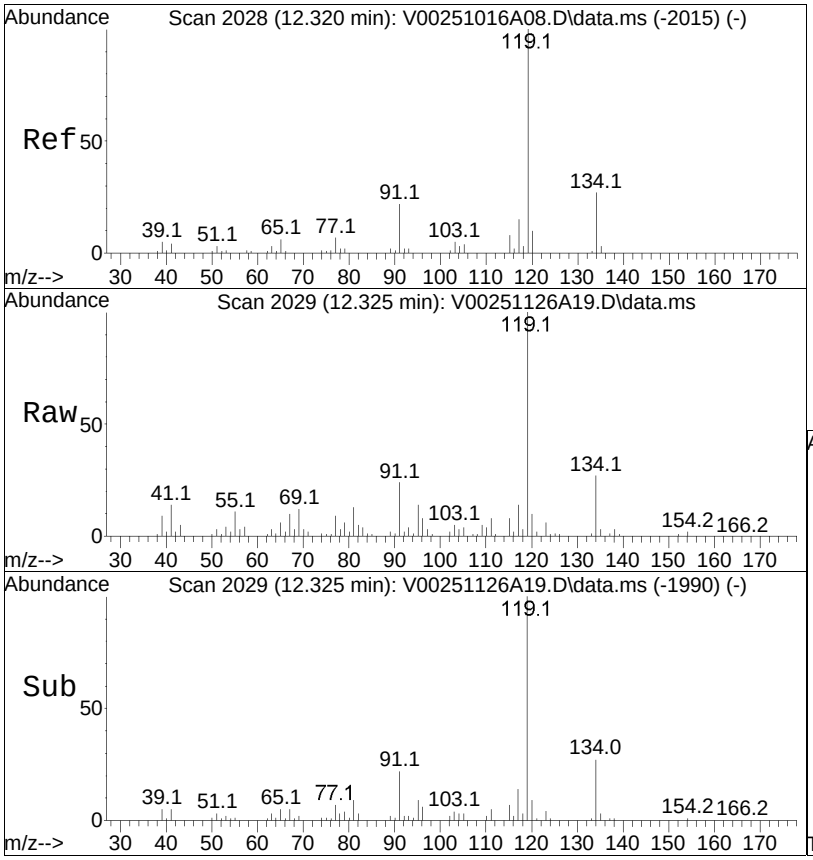


#99
sec-Butylbenzene
Concen: 13.82 ug/L
RT: 12.173 min Scan# 2000
Delta R.T. 0.005 min
Lab File: V00251126A19.D
Acq: 26 Nov 2025 02:22 pm

Tgt Ion:105 Resp: 446278

Ion	Ratio	Lower	Upper
105	100		
134	41.4	13.5	27.9#

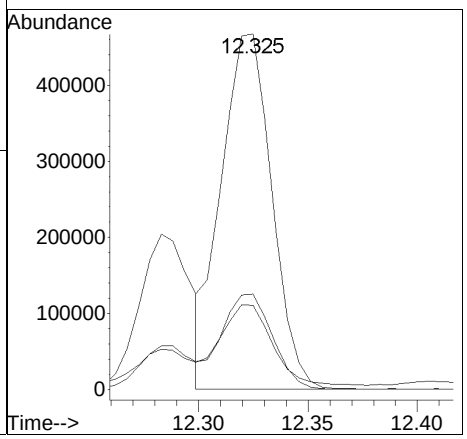


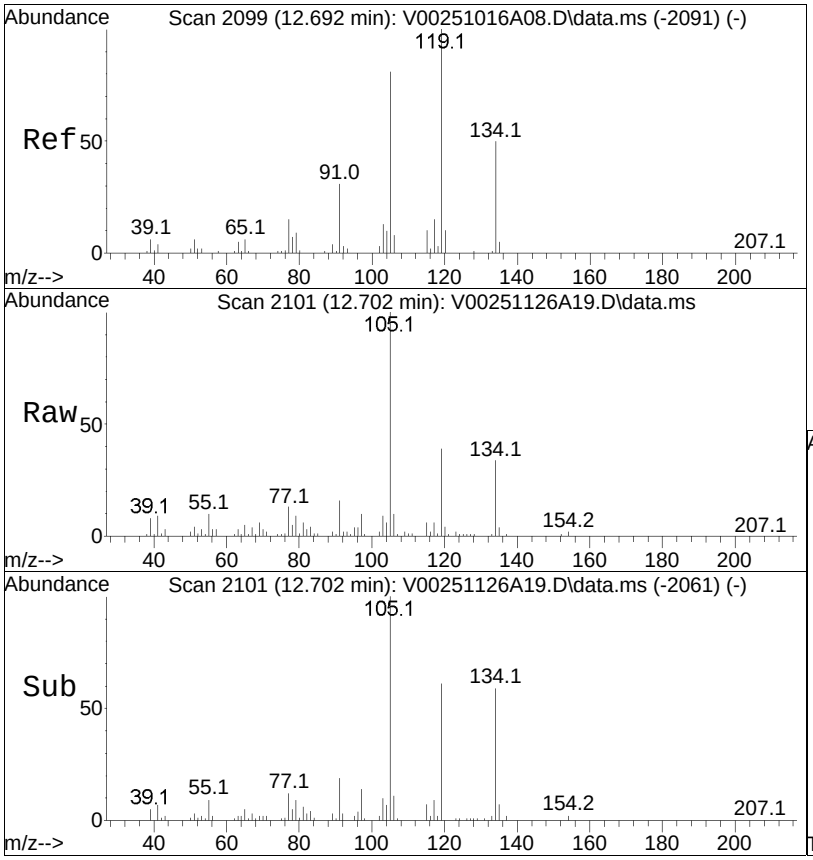


#100
p-Isopropyltoluene
Concen: 26.41 ug/L
RT: 12.325 min Scan# 2029
Delta R.T. 0.005 min
Lab File: V00251126A19.D
Acq: 26 Nov 2025 02:22 pm

Tgt Ion:119 Resp: 754226

Ion	Ratio	Lower	Upper
119	100		
134	27.1	17.4	36.0
91	23.1	15.8	32.8

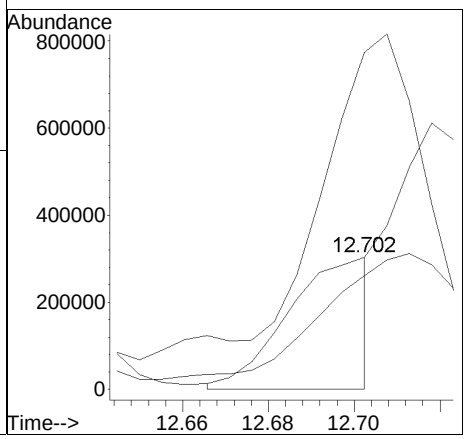


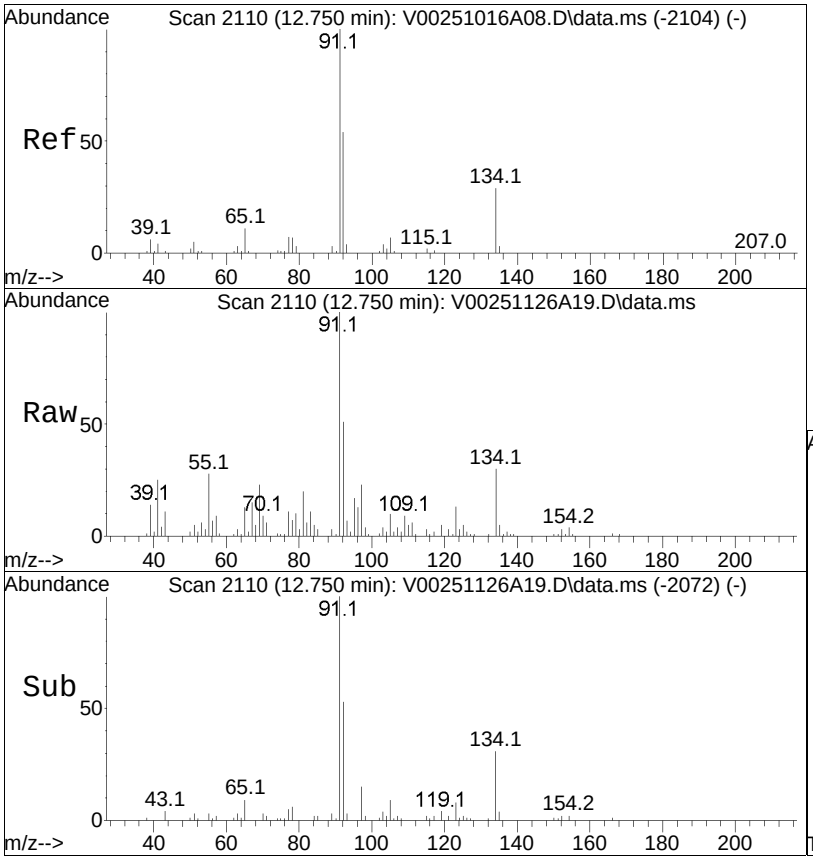


#103
p-Diethylbenzene
Concen: 23.58 ug/L M6
RT: 12.702 min Scan# 2101
Delta R.T. 0.010 min
Lab File: V00251126A19.D
Acq: 26 Nov 2025 02:22 pm

Tgt Ion:119 Resp: 404320

Ion	Ratio	Lower	Upper
119	100		
105	208.8	56.4	117.0#
134	104.1	30.4	63.0#

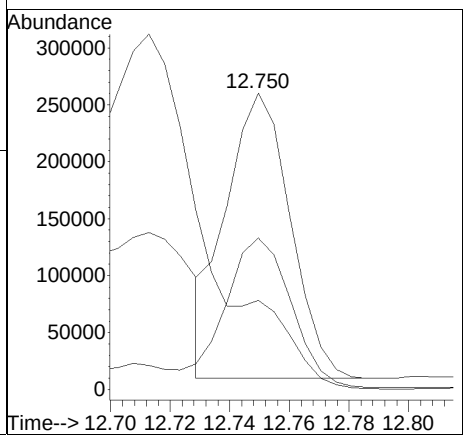


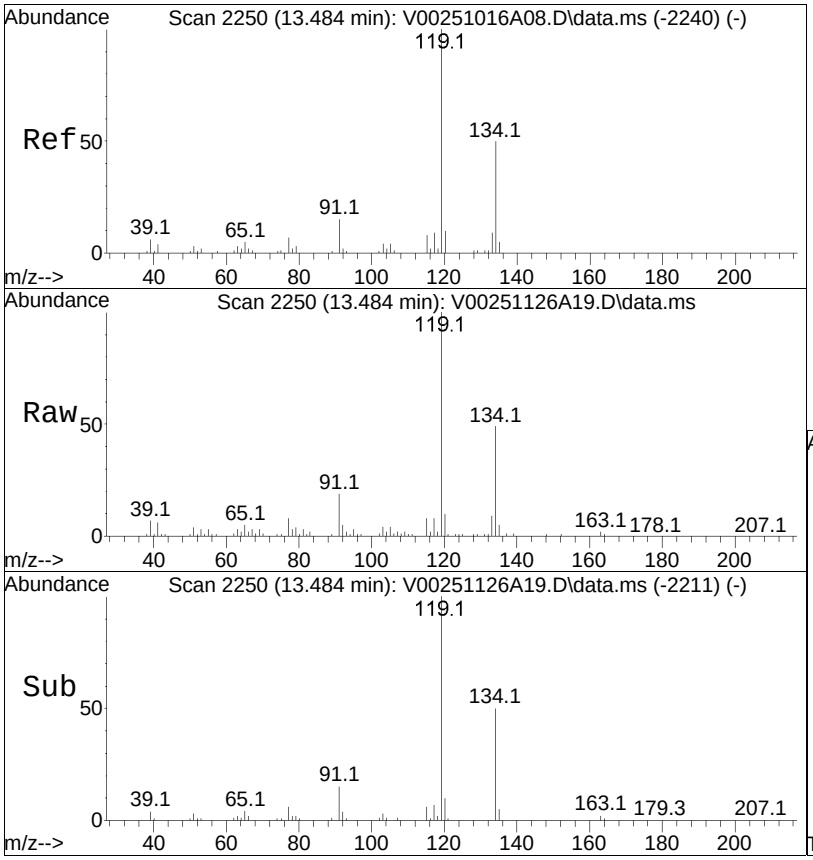


#104
n-Butylbenzene
Concen: 15.09 ug/L
RT: 12.750 min Scan# 2110
Delta R.T. -0.000 min
Lab File: V00251126A19.D
Acq: 26 Nov 2025 02:22 pm

Tgt Ion: 91 Resp: 377498

Ion	Ratio	Lower	Upper
91	100		
92	53.4	43.7	65.5
134	0.0	21.5	32.3#

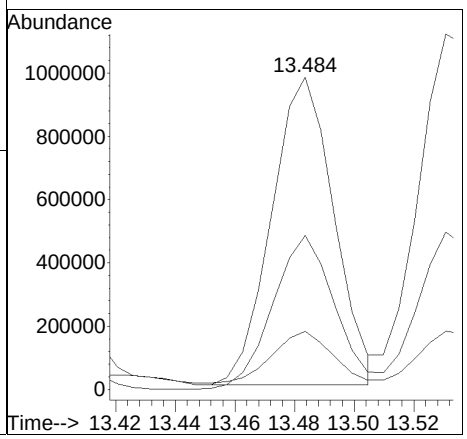


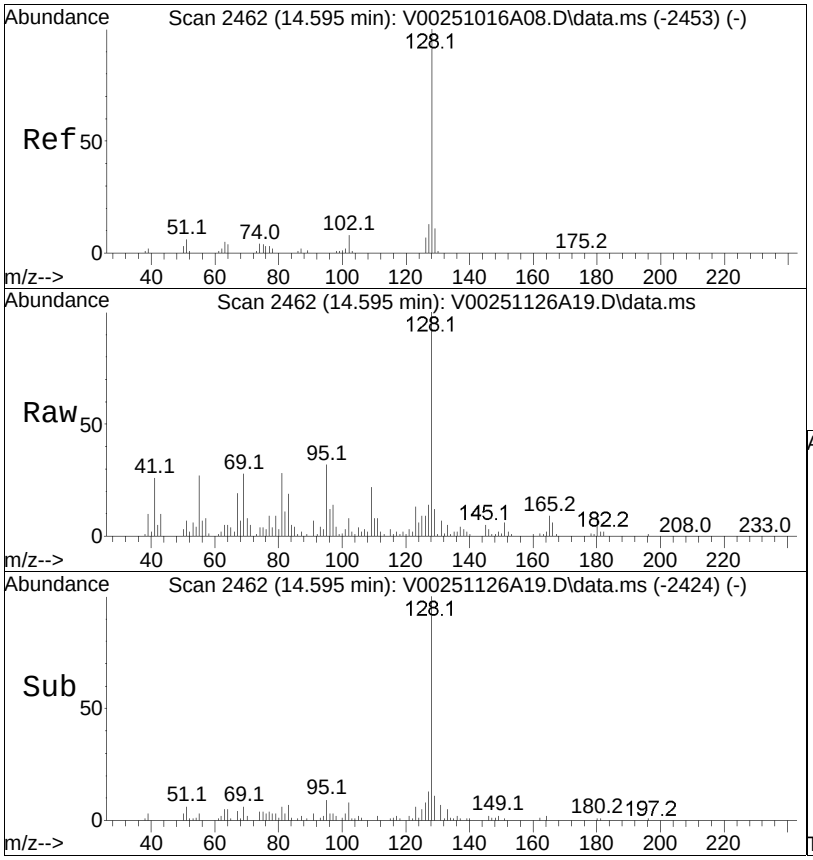


#106
1,2,4,5-Tetramethylbenzene
Concen: 54.79 ug/L
RT: 13.484 min Scan# 2250
Delta R.T. 0.006 min
Lab File: V00251126A19.D
Acq: 26 Nov 2025 02:22 pm

Tgt Ion:119 Resp: 1411272

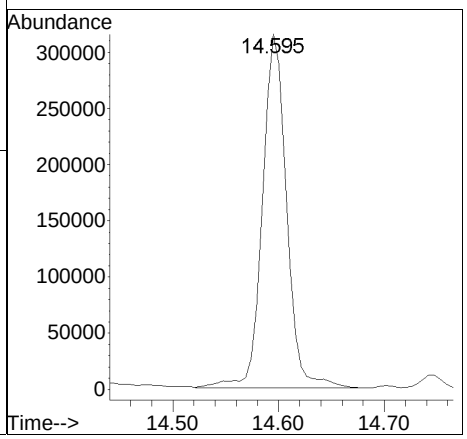
Ion	Ratio	Lower	Upper
119	100		
134	50.6	31.0	64.4
91	15.9	10.7	22.1





#111
Naphthalene
Concen: 22.89 ug/L
RT: 14.595 min Scan# 2462
Delta R.T. 0.000 min
Lab File: V00251126A19.D
Acq: 26 Nov 2025 02:22 pm

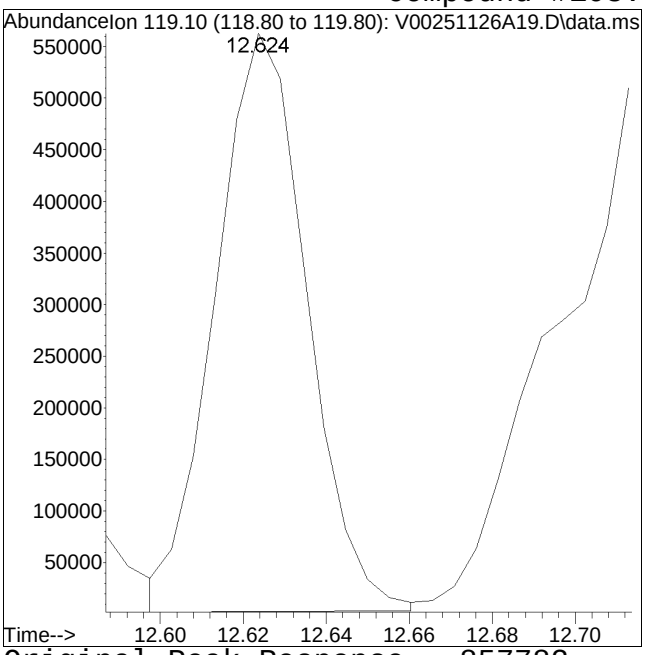
Tgt Ion:128 Resp: 502036



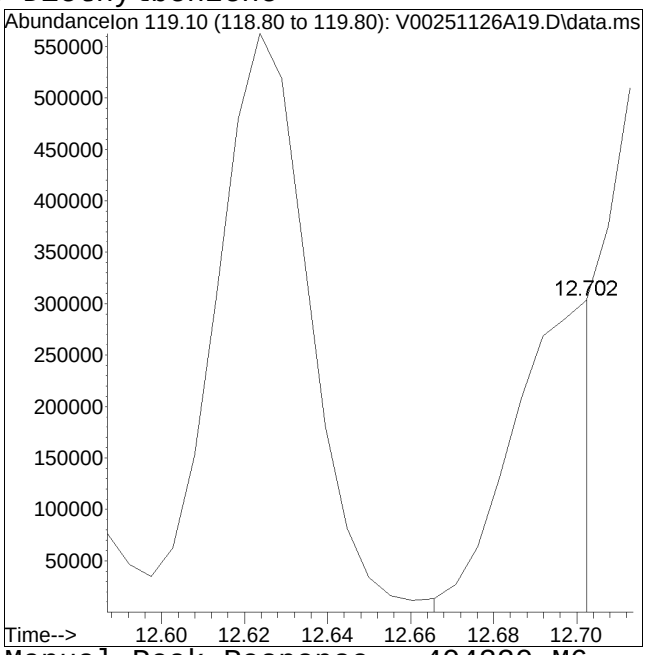
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A19.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 2:22 pm Instrument : VOA100
Sample : L2574258-03,31,5.97,5,,B,3Quant Date : 11/28/2025 8:02 am

Compound #103: p-Diethylbenzene



Original Peak Response = 857782



Manual Peak Response = 404320 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A20.D
Acq On : 26 Nov 2025 02:48 pm
Operator : VOA100:AJK
Sample : L2574258-04,31,5.75,5,,B,32.39,38.39,0.25
Misc : WG2146922,ICAL22760
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 28 08:24:34 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.248	96	996814	20.000 ug/L	0.02
Standard Area 1 = 378260			Recovery = 263.53% *		
60) Chlorobenzene-d5	9.819	117	416876	20.000 ug/L	# 0.03
Standard Area 1 = 324241			Recovery = 128.57%		
80) 1,4-Dichlorobenzene-d4	12.467	152	176293	20.000 ug/L	0.00
Standard Area 1 = 197845			Recovery = 89.11%		
System Monitoring Compounds					
37) Dibromofluoromethane	5.415	113	113232	7.472 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 37.36%#		
44) 1,2-Dichloroethane-d4	5.949	65	110451	8.061 ug/L	0.01
Spiked Amount 20.000	Range 70 - 130		Recovery = 40.31%#		
61) Toluene-d8	7.994	98	771787M6	30.633 ug/L	0.05
Spiked Amount 20.000	Range 70 - 130		Recovery = 153.16%#		
84) 4-Bromofluorobenzene	11.292	95	1798788	264.091 ug/L	0.03
Spiked Amount 20.000	Range 70 - 130		Recovery = 1320.46%#		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.786	85	50	N.D.	
3) Chloromethane	2.017	50	863	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.379	94	49	Below Cal #	1
6) Chloroethane	2.515	64	99	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	3.197	76	126863	0.479 ug/L	99
15) Methylene chloride	0.000		0	N.D. d	
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	3.973	73	274	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D. d	
25) Acrylonitrile	0.000		0	N.D. d	
27) Vinyl acetate	0.000		0	N.D. d	
28) cis-1,2-Dichloroethene	0.000		0	N.D. d	
29) 2,2-Dichloropropane	0.000		0	N.D. d	
31) Bromochloromethane	0.000		0	N.D.	

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A20.D
Acq On : 26 Nov 2025 02:48 pm
Operator : VOA100:AJK
Sample : L2574258-04,31,5.75,5,,B,32.39,38.39,0.25
Misc : WG2146922,ICAL22760
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 28 08:24:34 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Chloroform	0.000		0	N.D.	d	
35) Carbon tetrachloride	0.000		0	N.D.		
38) 1,1,1-Trichloroethane	0.000		0	N.D.	d	
40) 2-Butanone	0.000		0	N.D.	d	
41) 1,1-Dichloropropene	5.598	75	1738	N.D.		
42) Benzene	0.000		0	N.D.	d	
45) 1,2-Dichloroethane	0.000		0	N.D.	d	
49) Trichloroethene	0.000		0	N.D.	d	
51) Dibromomethane	0.000		0	N.D.	d	
52) 1,2-Dichloropropane	0.000		0	N.D.	d	
55) Bromodichloromethane	0.000		0	N.D.	d	
58) 1,4-Dioxane	0.000		0	N.D.	d	
59) cis-1,3-Dichloropropene	0.000		0	N.D.	d	
62) Toluene	0.000		0	N.D.	d	
63) 4-Methyl-2-pentanone	0.000		0	N.D.	d	
64) Tetrachloroethene	8.492	166	53	N.D.		
66) trans-1,3-Dichloropropene	0.000		0	N.D.	d	
69) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
70) Chlorodibromomethane	0.000		0	N.D.	d	
71) 1,3-Dichloropropane	0.000		0	N.D.	d	
72) 1,2-Dibromoethane	0.000		0	N.D.	d	
73) 2-Hexanone	0.000		0	N.D.	d	
74) Chlorobenzene	0.000		0	N.D.	d	
75) Ethylbenzene	0.000		0	N.D.	d	
76) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
77) p/m Xylene	10.070	106	415757	31.458	ug/L #	1
78) o Xylene	10.600	106	58829	4.485	ug/L #	1
79) Styrene	0.000		0	N.D.	d	
81) Bromoform	0.000		0	N.D.		
83) Isopropylbenzene	10.972	105	7543912	308.439	ug/L	98
85) Bromobenzene	0.000		0	N.D.	d	
86) n-Propylbenzene	11.439	91	15349697	520.152	ug/L	94
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d	
89) 4-Ethyltoluene	11.559	105	2786693	115.740	ug/L	99
90) 2-Chlorotoluene	0.000		0	N.D.	d	
91) 1,3,5-Trimethylbenzene	11.654	105	1115327	53.724	ug/L	97
92) 1,2,3-Trichloropropane	0.000		0	N.D.	d	
93) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
94) 4-Chlorotoluene	0.000		0	N.D.	d	

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A20.D
Acq On : 26 Nov 2025 02:48 pm
Operator : VOA100:AJK
Sample : L2574258-04,31,5.75,5,,B,32.39,38.39,0.25
Misc : WG2146922,ICAL22760
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 28 08:24:34 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
95)	tert-Butylbenzene	11.989	119	531524	28.953	ug/L	#	87
98)	1,2,4-Trimethylbenzene	12.063	105	2931566	143.549	ug/L		99
99)	sec-Butylbenzene	12.178	105	2989731	110.593	ug/L	#	52
100)	p-Isopropyltoluene	12.330	119	3279191	137.190	ug/L		99
101)	1,3-Dichlorobenzene	12.377	146	50	N.D.			
102)	1,4-Dichlorobenzene	12.477	146	1170	N.D.			
103)	p-Diethylbenzene	12.697	119	1174429M6	81.855	ug/L		
104)	n-Butylbenzene	12.755	91	1819423	86.883	ug/L		98
105)	1,2-Dichlorobenzene	0.000		0	N.D.	d		
106)	1,2,4,5-Tetramethylben...	13.484	119	1211493	56.204	ug/L		98
107)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.	d		
109)	Hexachlorobutadiene	0.000		0	N.D.			
110)	1,2,4-Trichlorobenzene	14.312	180	535	N.D.			
111)	Naphthalene	14.595	128	99124	5.400	ug/L		100
112)	1,2,3-Trichlorobenzene	14.758	180	368	N.D.			

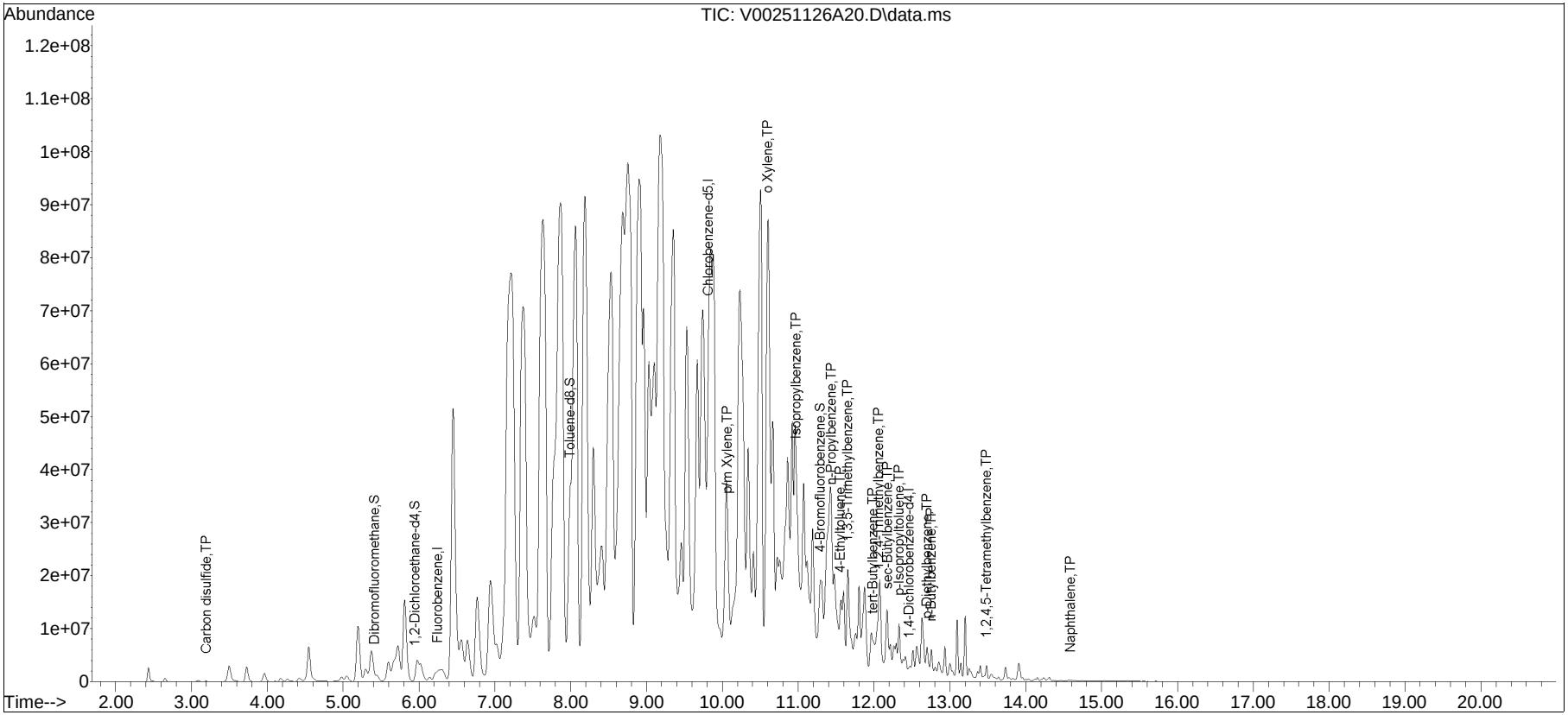
(#) = qualifier out of range (m) = manual integration (+) = signals summed

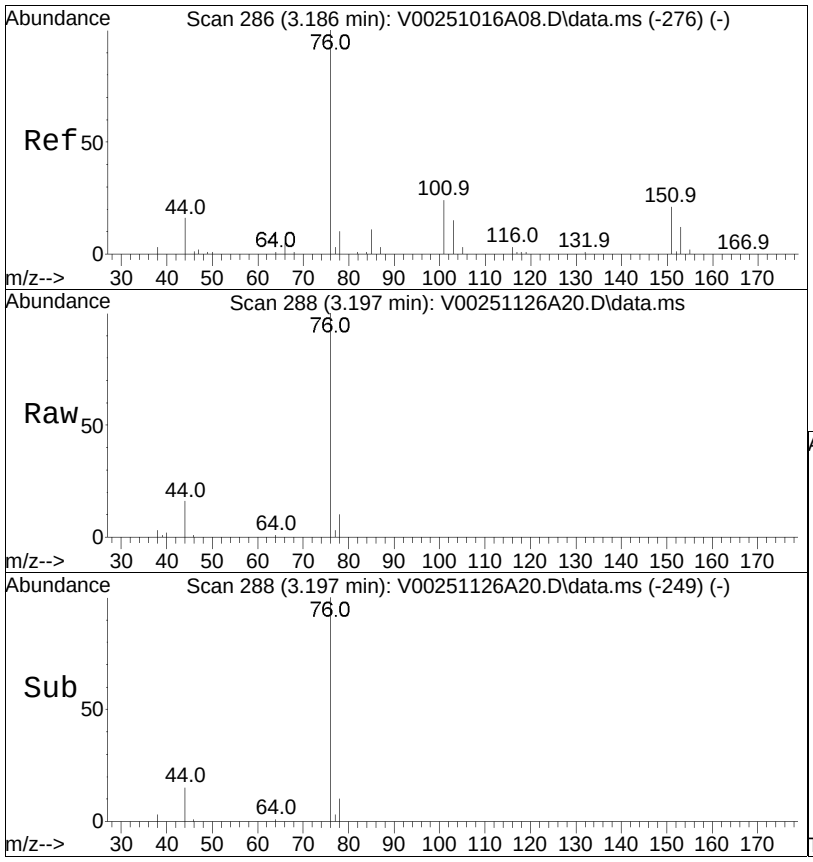
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A20.D
Acq On : 26 Nov 2025 02:48 pm
Operator : VOA100:AJK
Sample : L2574258-04,31,5.75,5,,B,32.39,38.39,0.25
Misc : WG2146922,ICAL22760
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 28 08:24:34 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251126A01.D•

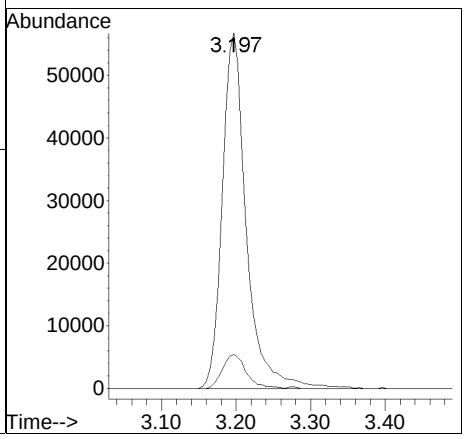


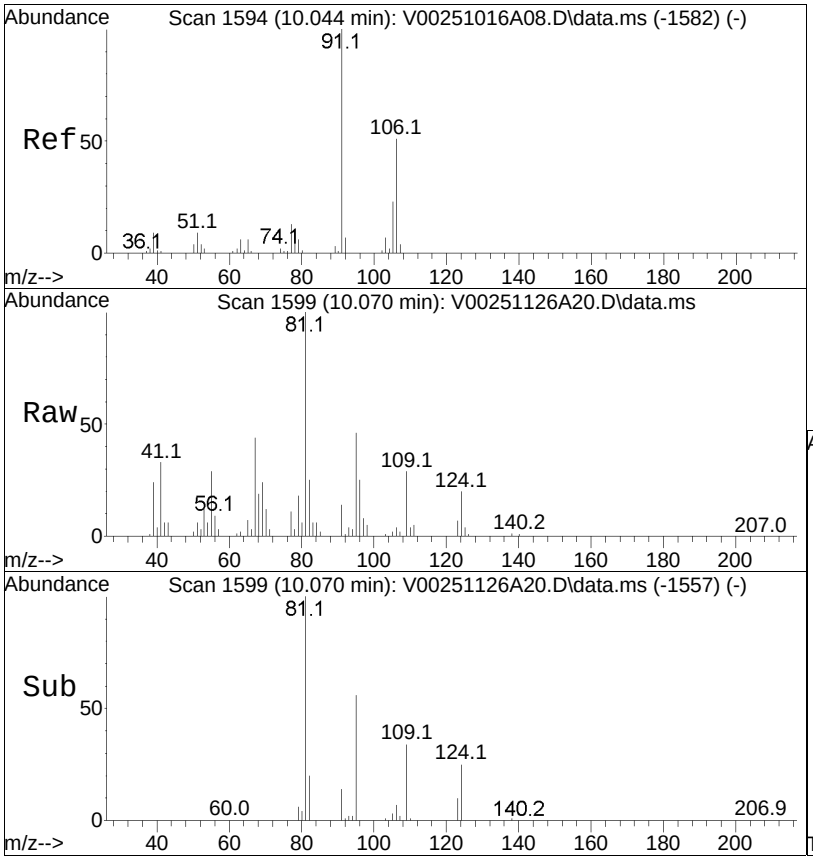


#11
Carbon disulfide
Concen: 0.48 ug/L
RT: 3.197 min Scan# 288
Delta R.T. 0.005 min
Lab File: V00251126A20.D
Acq: 26 Nov 2025 02:48 pm

Tgt Ion: 76 Resp: 126863

Ion	Ratio	Lower	Upper
76	100		
78	9.5	6.4	13.4

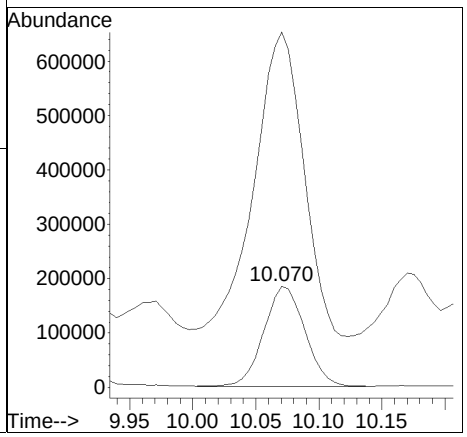


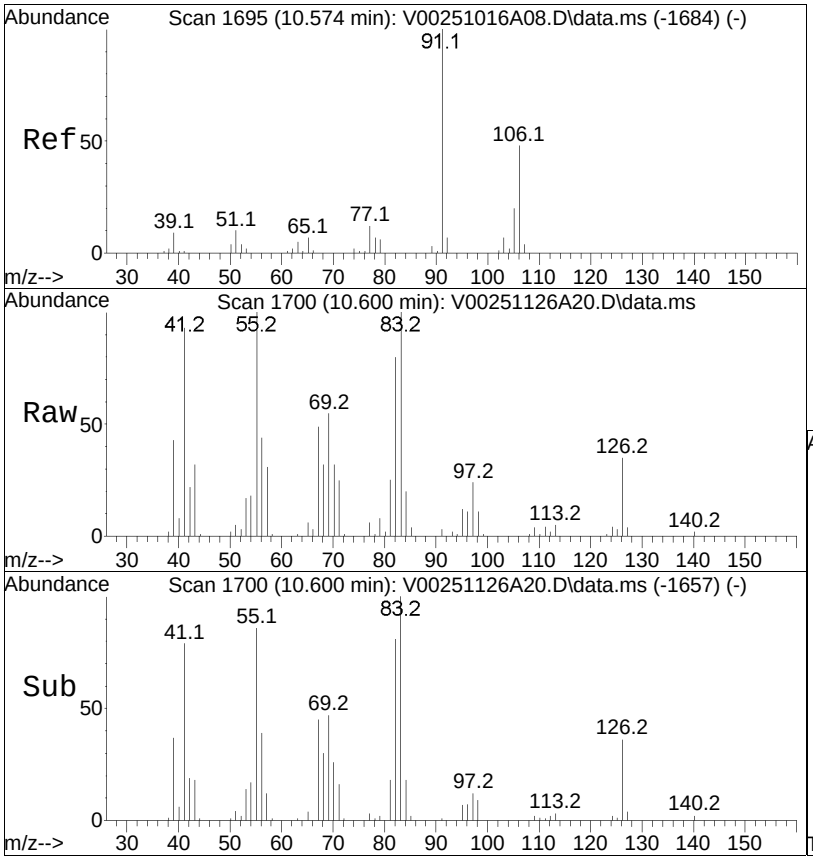


#77
p/m Xylene
Concen: 31.46 ug/L
RT: 10.070 min Scan# 1599
Delta R.T. 0.020 min
Lab File: V00251126A20.D
Acq: 26 Nov 2025 02:48 pm

Tgt Ion:106 Resp: 415757

Ion	Ratio	Lower	Upper
106	100		
91	365.8	159.5	239.3#

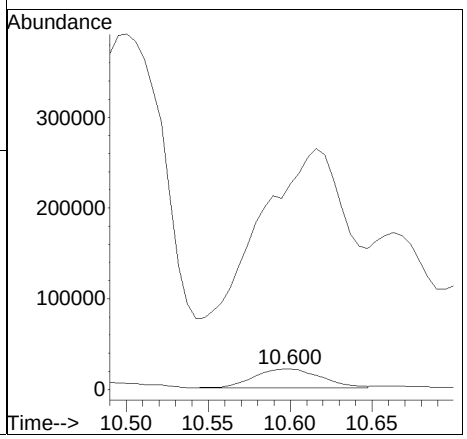


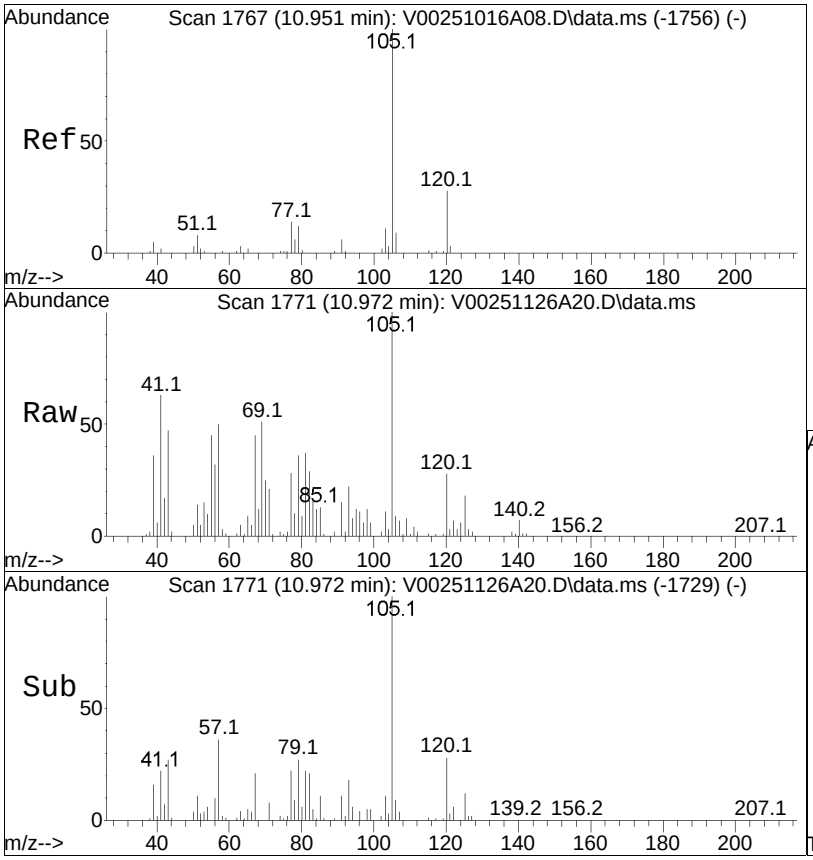


#78
o Xylene
Concen: 4.48 ug/L
RT: 10.600 min Scan# 1700
Delta R.T. 0.026 min
Lab File: V00251126A20.D
Acq: 26 Nov 2025 02:48 pm

Tgt Ion:106 Resp: 58829

Ion	Ratio	Lower	Upper
106	100		
91	1108.5	168.6	252.8#

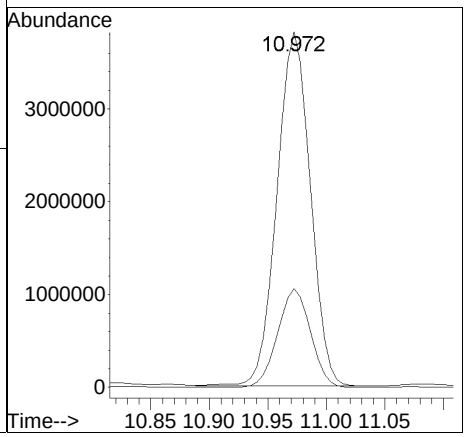


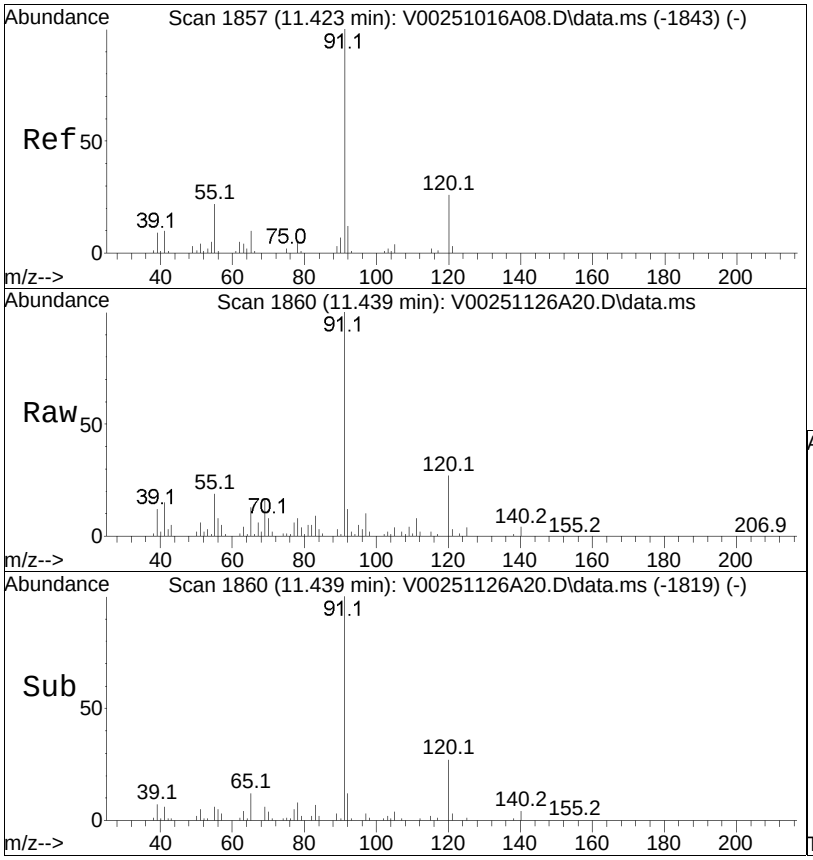


#83
Isopropylbenzene
Concen: 308.44 ug/L
RT: 10.972 min Scan# 1771
Delta R.T. 0.021 min
Lab File: V00251126A20.D
Acq: 26 Nov 2025 02:48 pm

Tgt Ion:105 Resp: 7543912

Ion	Ratio	Lower	Upper
105	100		
120	27.4	6.4	46.4

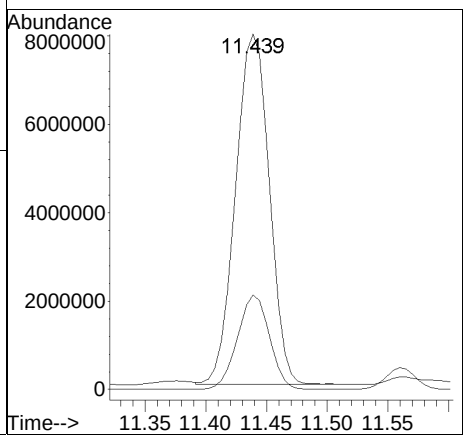


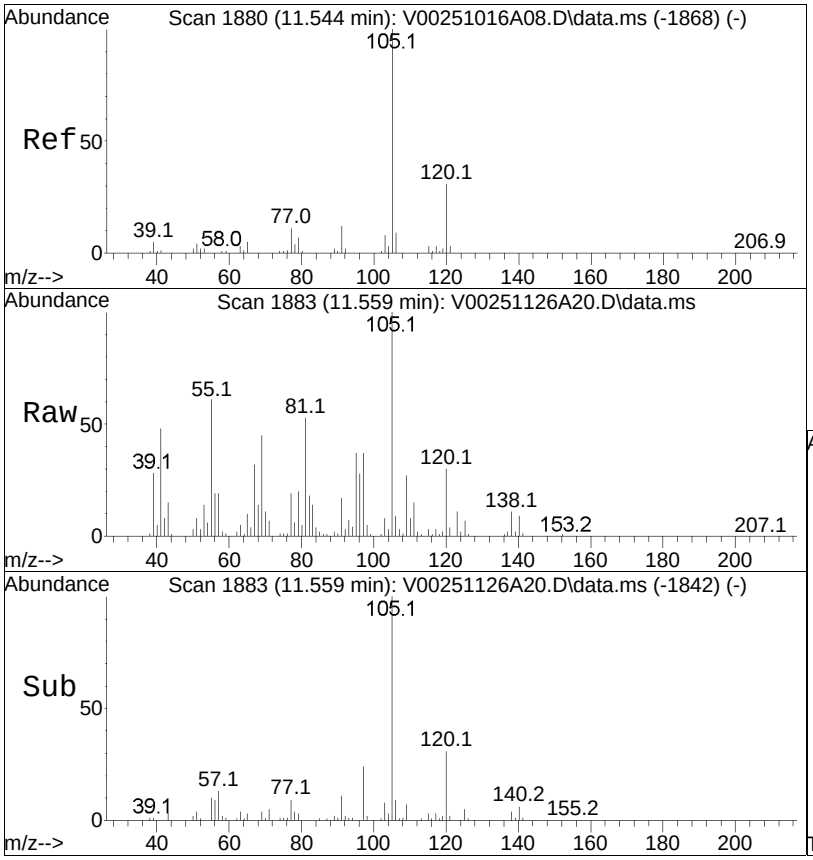


#86
n-Propylbenzene
Concen: 520.15 ug/L
RT: 11.439 min Scan# 1860
Delta R.T. 0.016 min
Lab File: V00251126A20.D
Acq: 26 Nov 2025 02:48 pm

Tgt Ion: 91 Resp:15349697

Ion	Ratio	Lower	Upper
91	100		
120	25.4	18.2	27.2

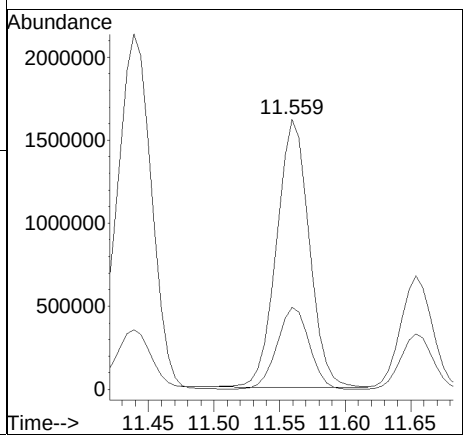


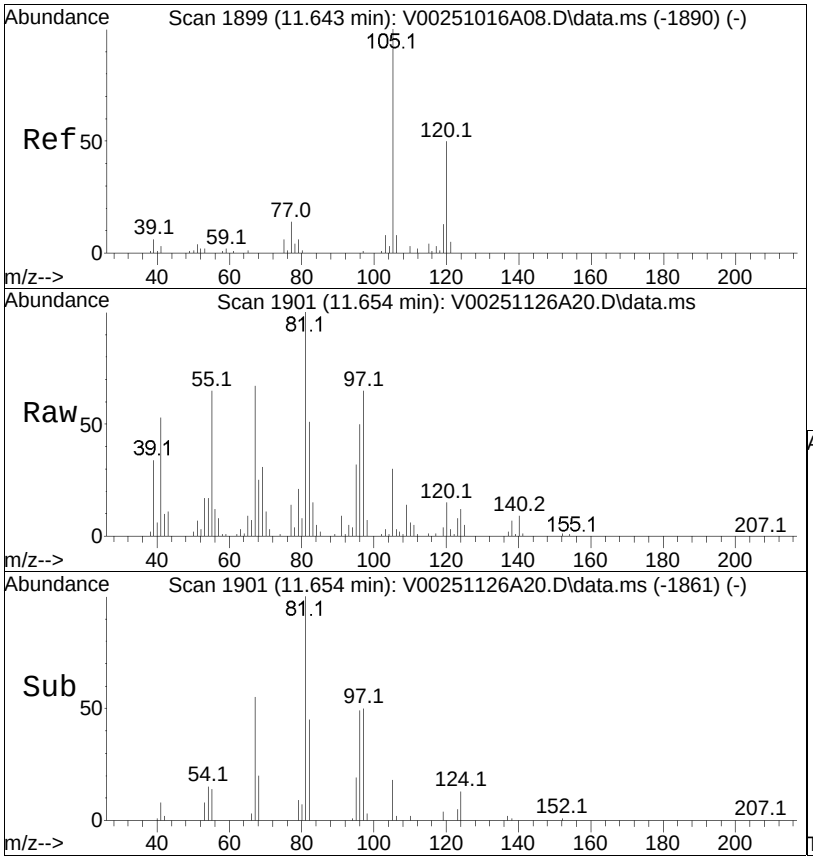


#89
4-Ethyltoluene
Concen: 115.74 ug/L
RT: 11.559 min Scan# 1883
Delta R.T. 0.015 min
Lab File: V00251126A20.D
Acq: 26 Nov 2025 02:48 pm

Tgt Ion:105 Resp: 2786693

Ion	Ratio	Lower	Upper
105	100		
120	30.3	19.3	40.1

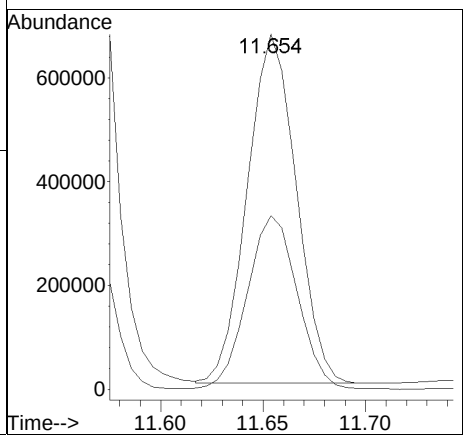


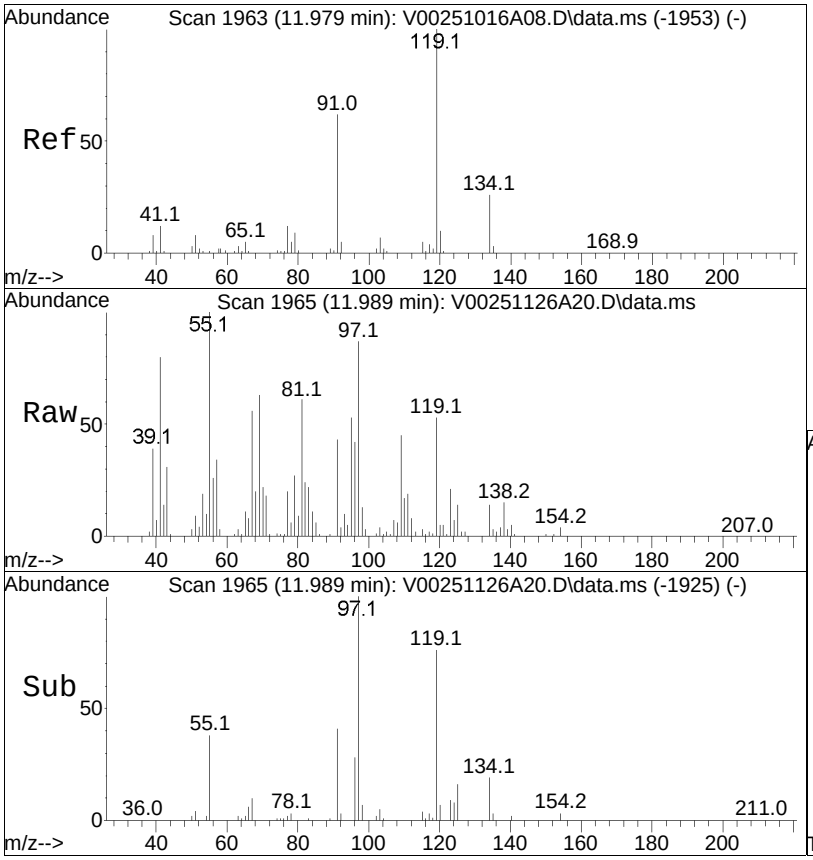


#91
1,3,5-Trimethylbenzene
Concen: 53.72 ug/L
RT: 11.654 min Scan# 1901
Delta R.T. 0.011 min
Lab File: V00251126A20.D
Acq: 26 Nov 2025 02:48 pm

Tgt Ion:105 Resp: 1115327

Ion	Ratio	Lower	Upper
105	100		
120	51.2	39.1	58.7

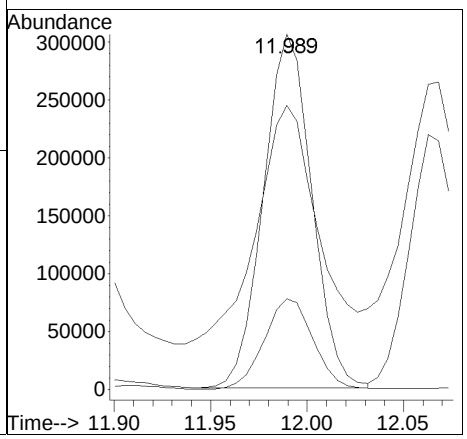


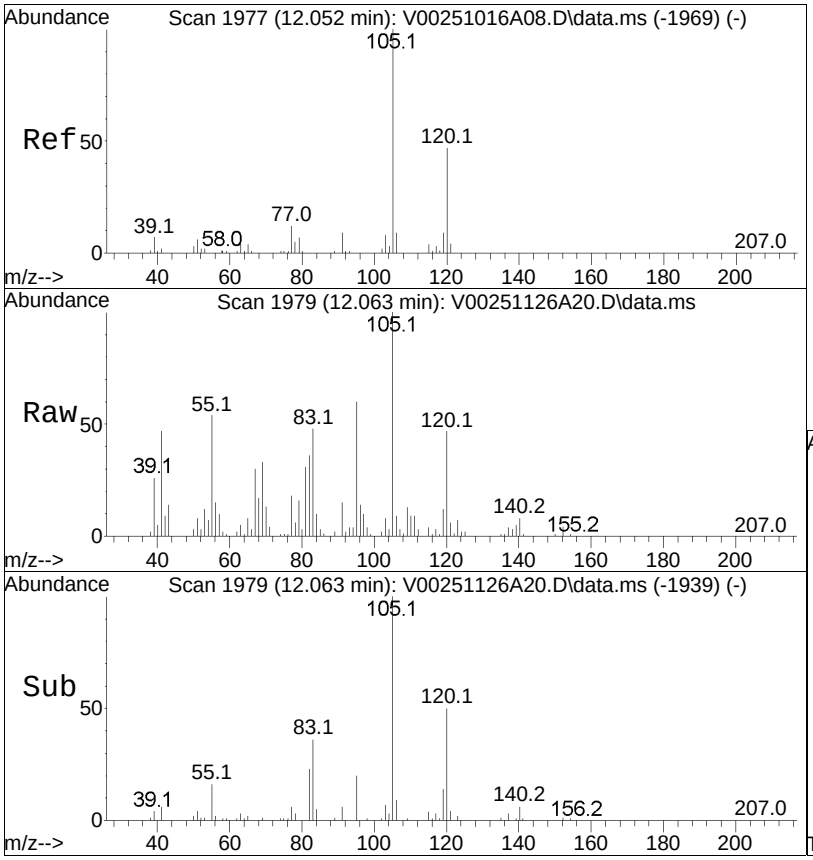


#95
tert-Butylbenzene
Concen: 28.95 ug/L
RT: 11.989 min Scan# 1965
Delta R.T. 0.010 min
Lab File: V00251126A20.D
Acq: 26 Nov 2025 02:48 pm

Tgt Ion:119 Resp: 531524

Ion	Ratio	Lower	Upper
119	100		
91	83.2	54.8	82.2#
134	26.0	20.6	30.8

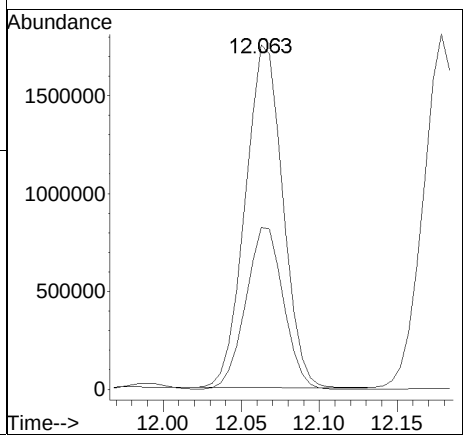


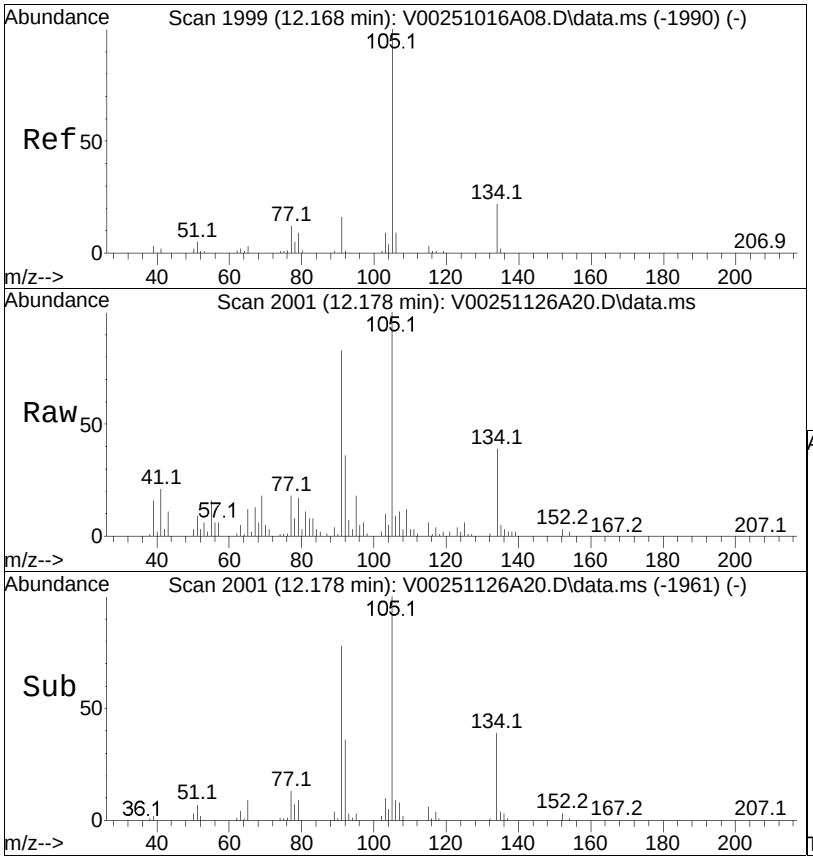


#98
1,2,4-Trimethylbenzene
Concen: 143.55 ug/L
RT: 12.063 min Scan# 1979
Delta R.T. 0.011 min
Lab File: V00251126A20.D
Acq: 26 Nov 2025 02:48 pm

Tgt Ion:105 Resp: 2931566

Ion	Ratio	Lower	Upper
105	100		
120	47.2	37.1	55.7

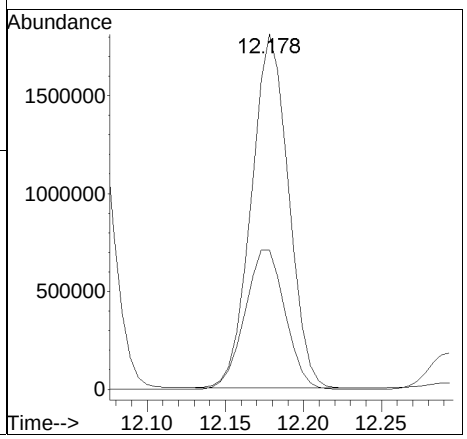


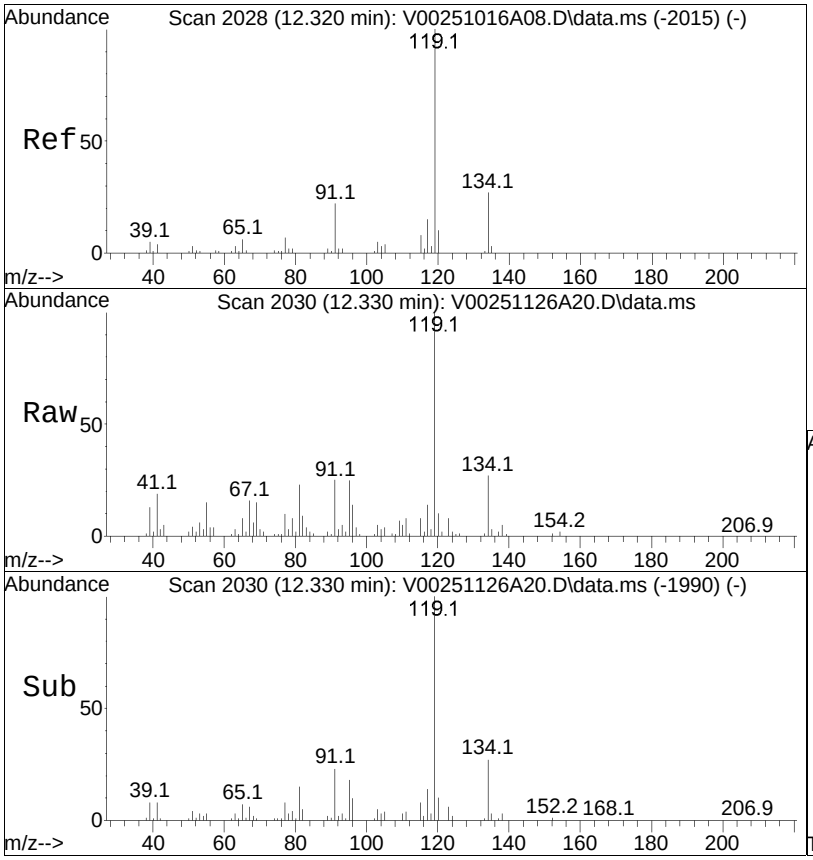


#99
sec-Butylbenzene
Concen: 110.59 ug/L
RT: 12.178 min Scan# 2001
Delta R.T. 0.010 min
Lab File: V00251126A20.D
Acq: 26 Nov 2025 02:48 pm

Tgt Ion:105 Resp: 2989731

Ion	Ratio	Lower	Upper
105	100		
134	42.8	13.5	27.9#

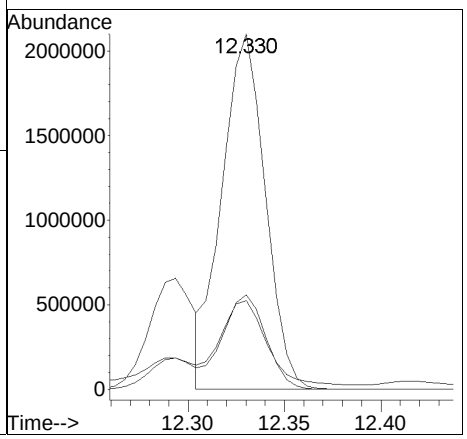


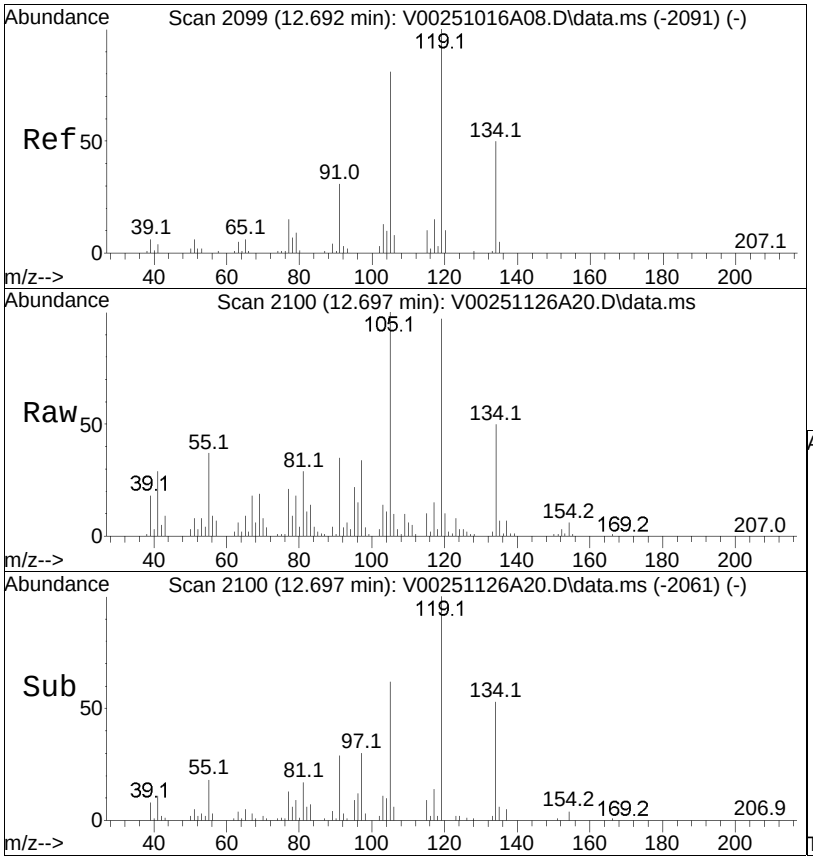


#100
p-Isopropyltoluene
Concen: 137.19 ug/L
RT: 12.330 min Scan# 2030
Delta R.T. 0.010 min
Lab File: V00251126A20.D
Acq: 26 Nov 2025 02:48 pm

Tgt Ion:119 Resp: 3279191

Ion	Ratio	Lower	Upper
119	100		
134	26.9	17.4	36.0
91	25.0	15.8	32.8

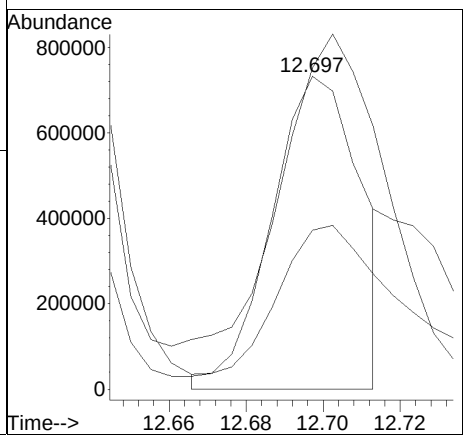


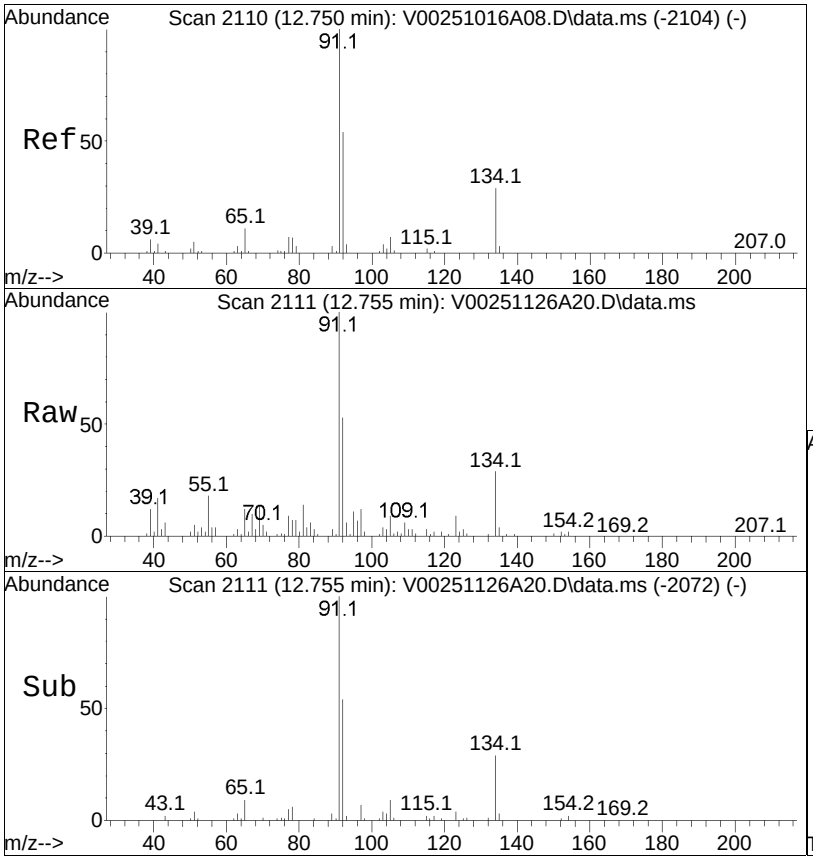


#103
p-Diethylbenzene
Concen: 81.86 ug/L M6
RT: 12.697 min Scan# 2100
Delta R.T. 0.005 min
Lab File: V00251126A20.D
Acq: 26 Nov 2025 02:48 pm

Tgt Ion:119 Resp: 1174429

Ion	Ratio	Lower	Upper
119	100		
105	140.9	56.4	117.0#
134	70.7	30.4	63.0#

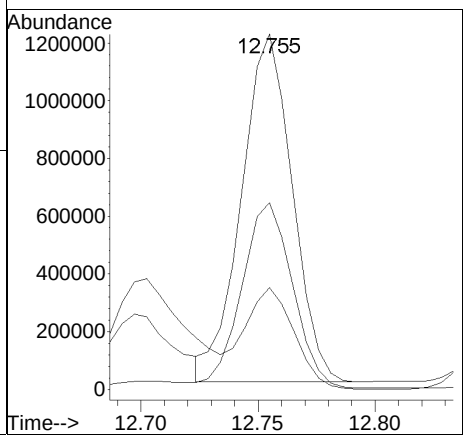


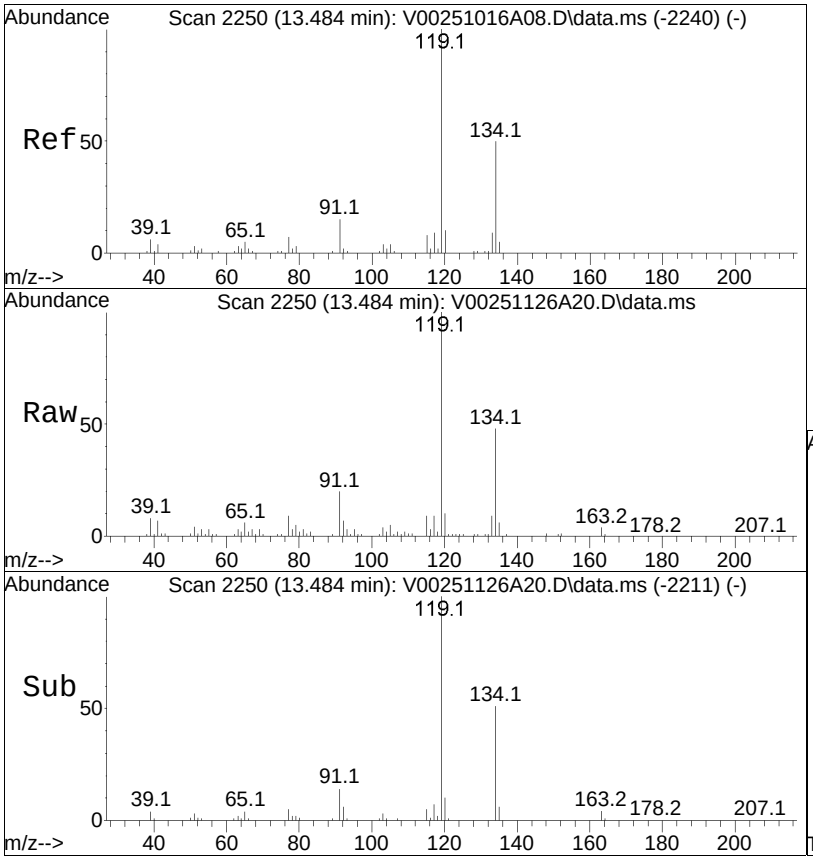


#104
n-Butylbenzene
Concen: 86.88 ug/L
RT: 12.755 min Scan# 2111
Delta R.T. 0.005 min
Lab File: V00251126A20.D
Acq: 26 Nov 2025 02:48 pm

Tgt Ion: 91 Resp: 1819423

Ion	Ratio	Lower	Upper
91	100		
92	53.2	43.7	65.5
134	28.7	21.5	32.3

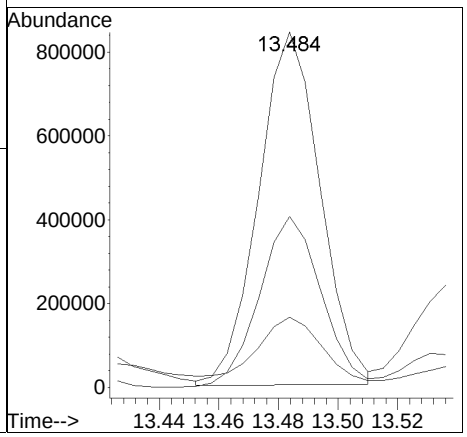


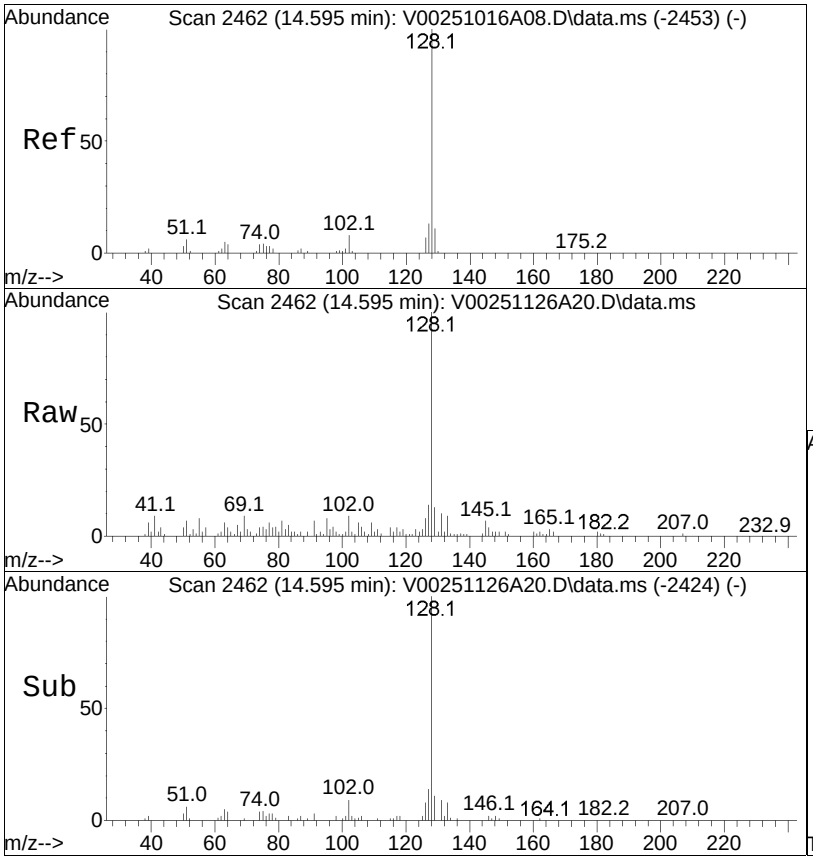


#106
1,2,4,5-Tetramethylbenzene
Concen: 56.20 ug/L
RT: 13.484 min Scan# 2250
Delta R.T. 0.006 min
Lab File: V00251126A20.D
Acq: 26 Nov 2025 02:48 pm

Tgt Ion:119 Resp: 1211493

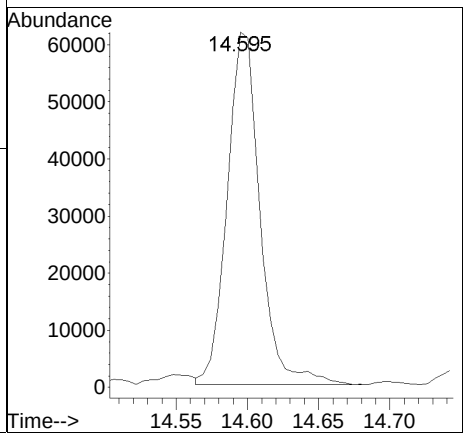
Ion	Ratio	Lower	Upper
119	100		
134	48.7	31.0	64.4
91	18.0	10.7	22.1





#111
Naphthalene
Concen: 5.40 ug/L
RT: 14.595 min Scan# 2462
Delta R.T. 0.000 min
Lab File: V00251126A20.D
Acq: 26 Nov 2025 02:48 pm

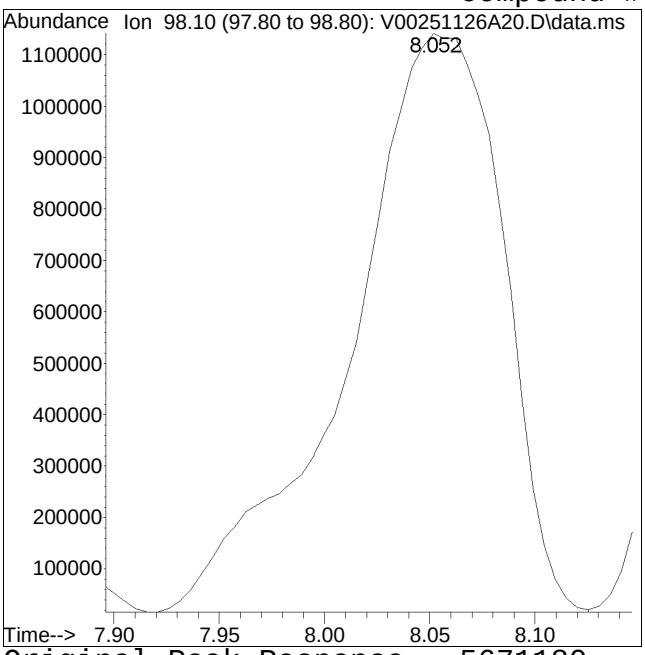
Tgt Ion:128 Resp: 99124



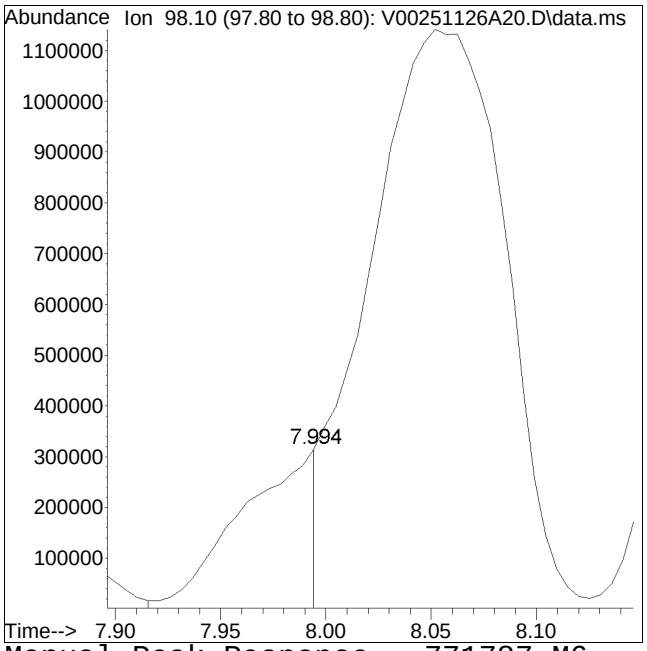
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A20.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 2:48 pm Instrument : VOA100
Sample : L2574258-04,31,5.75,5,,B,3 Quant Date : 11/28/2025 8:02 am

Compound #61: Toluene-d8



Original Peak Response = 5671180



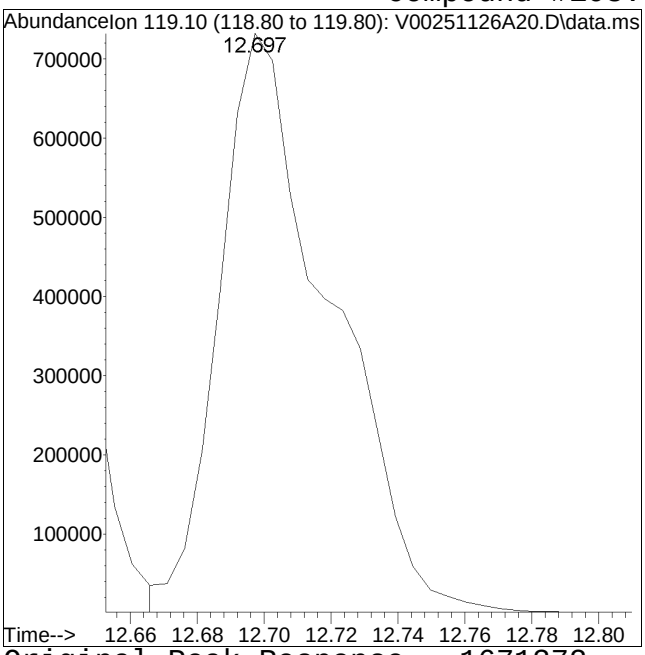
Manual Peak Response = 771787 M6

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

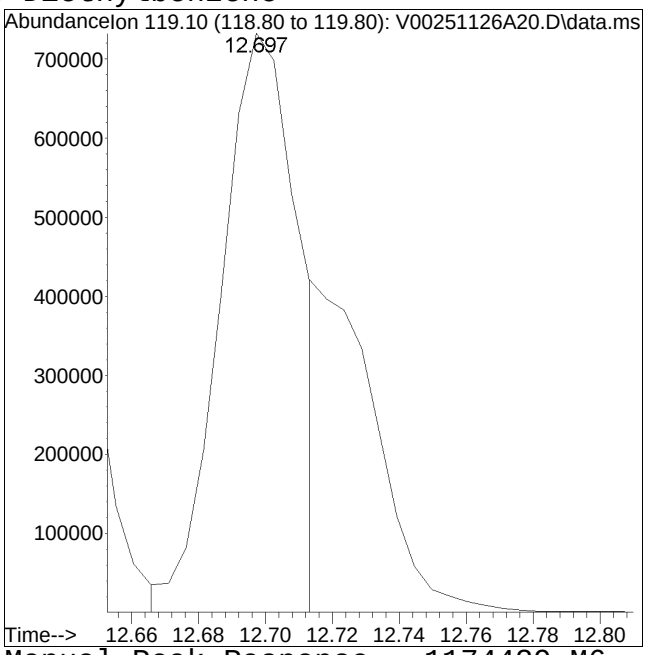
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A20.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 2:48 pm Instrument : VOA100
Sample : L2574258-04,31,5.75,5,,B,3Quant Date : 11/28/2025 8:02 am

Compound #103: p-Diethylbenzene



Original Peak Response = 1671372



Manual Peak Response = 1174429 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A22.D
Acq On : 27 Nov 2025 1:28 pm
Operator : GONZO:kab
Sample : l2574258-02,31,10,10,,a
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 29 12:47:56 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251127A\VG251127A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.950	96	324223	10.000 ug/L	0.00
Standard Area 1 = 438629			Recovery = 73.92%		
59) Chlorobenzene-d5	9.477	117	264506	10.000 ug/L	0.00
Standard Area 1 = 346963			Recovery = 76.23%		
79) 1,4-Dichlorobenzene-d4	12.198	152	147228	10.000 ug/L	0.00
Standard Area 1 = 218089			Recovery = 67.51%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.150	113	90695	10.598 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.98%		
43) 1,2-Dichloroethane-d4	5.674	65	100372	10.875 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.75%		
60) Toluene-d8	7.636	98	313636	9.220 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.20%		
83) 4-Bromofluorobenzene	10.981	95	111007	9.639 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.39%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	2.226	64	218	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.951	76	157	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	0.000		0	N.D.	d
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	4.396	43	67	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A22.D
Acq On : 27 Nov 2025 1:28 pm
Operator : GONZO:kab
Sample : l2574258-02,31,10,10,,a
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 29 12:47:56 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251127A\VG251127A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	5.036	43	66	N.D.		
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	5.533	78	80	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	6.055	95	295	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	0.000		0	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.492	91	325	N.D.		
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	10.981	91	307	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
88) 4-Ethyltoluene	0.000		0	N.D.		
89) 2-Chlorotoluene	0.000		0	N.D.		
90) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
91) 1,2,3-Trichloropropane	0.000		0	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
93) 4-Chlorotoluene	0.000		0	N.D.		
94) tert-Butylbenzene	0.000		0	N.D.		

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A22.D
Acq On : 27 Nov 2025 1:28 pm
Operator : GONZO:kab
Sample : l2574258-02,31,10,10,,a
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 29 12:47:56 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251127A\VG251127A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
98) sec-Butylbenzene	0.000		0		N.D.	
99) p-Isopropyltoluene	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	12.198	146	66		N.D.	
101) 1,4-Dichlorobenzene	12.198	146	66		N.D.	
102) p-Diethylbenzene	0.000		0		N.D.	
103) n-Butylbenzene	0.000		0		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
110) Naphthalene	0.000		0		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

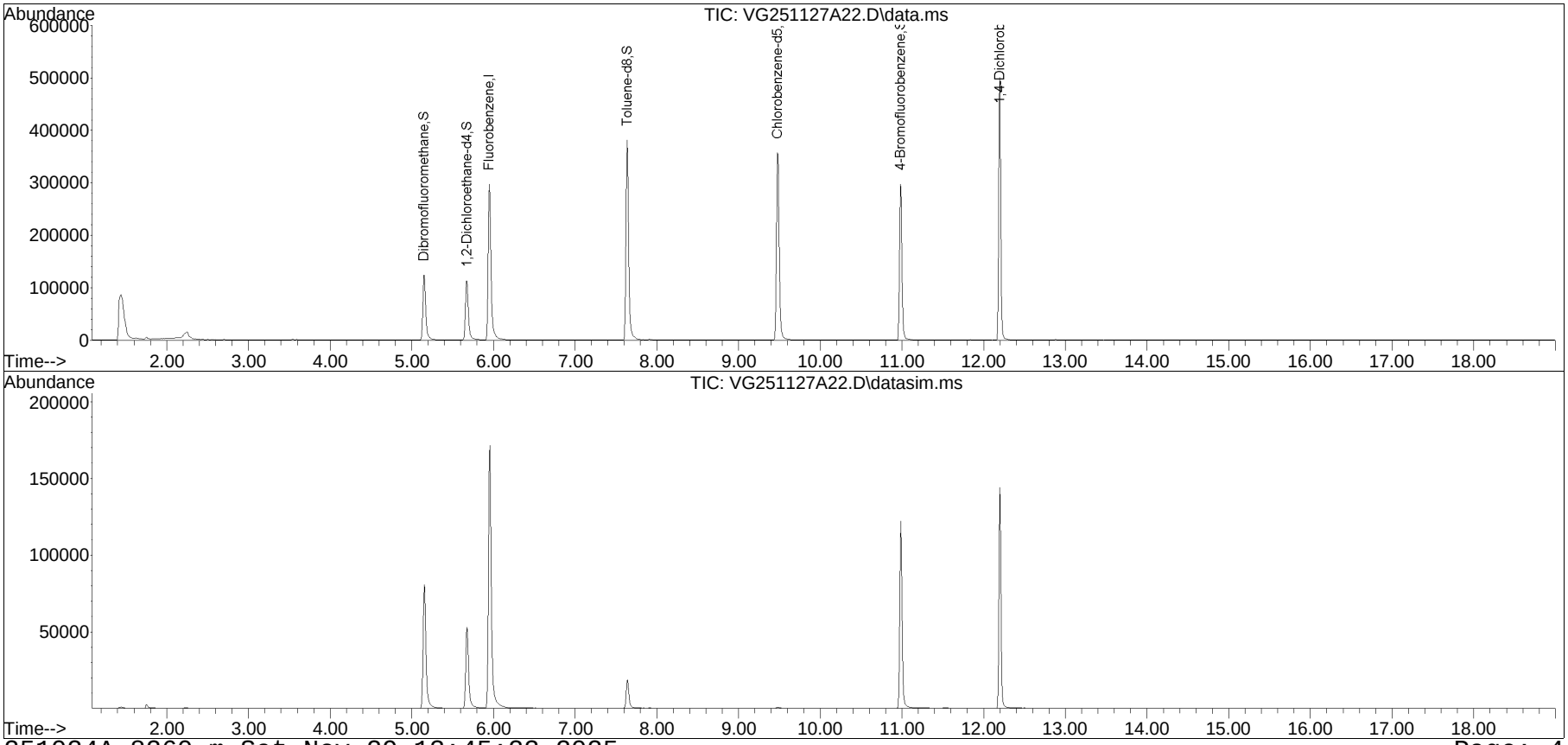
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A22.D
Acq On : 27 Nov 2025 1:28 pm
Operator : GONZO:kab
Sample : l2574258-02,31,10,10,,a
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 29 12:47:56 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox1127A01.D•



Manual Integration Report

Data Path	: K:\Gonzo\2025\251127A\	QMethod	: G_251024A_8260.m
Data File	: VG251127A22.D	Operator	: GONZO:kab
Date Inj'd	: 11/27/2025 1:28 pm	Instrument	: Gonzo
Sample	: l2574258-02,31,10,10,,a	Quant Date	: 11/29/2025 12:11 pm

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A25.D
Acq On : 28 Nov 2025 06:39 pm
Operator : VOA123:JIC
Sample : L2574258-12,31H,5.80,5,0.100,,A,29.67,35.97,0
Misc : WG2148010,ICAL22792
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 01 14:32:05 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251128A\V23251128A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.515	96	204116	20.000 ug/L	0.00
Standard Area 1 = 207853			Recovery = 98.20%		
59) Chlorobenzene-d5	8.995	117	160759	20.000 ug/L	# 0.00
Standard Area 1 = 151031			Recovery = 106.44%		
79) 1,4-Dichlorobenzene-d4	11.806	152	98939	20.000 ug/L	0.00
Standard Area 1 = 87472			Recovery = 113.11%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.734	113	46324	18.017 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 90.08%		
43) 1,2-Dichloroethane-d4	5.239	65	48690	18.501 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.51%		
60) Toluene-d8	7.174	98	218104	20.062 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.31%		
83) 4-Bromofluorobenzene	10.543	95	339650M1	76.787 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 383.94%#		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.301	85	90	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.956	94	360	0.212 ug/L	86
6) Chloroethane	2.079	64	60	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.640	76	2418	0.309 ug/L #	76
15) Methylene chloride	3.125	84	763	0.277 ug/L #	80
17) Acetone	3.178	43	465	Below Cal #	60
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D. d	
27) Vinyl acetate	0.000		0	N.D. d	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A25.D
Acq On : 28 Nov 2025 06:39 pm
Operator : VOA123:JIC
Sample : L2574258-12,31H,5.80,5,0.100,,A,29.67,35.97,0
Misc : WG2148010,ICAL22792
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 01 14:32:05 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251128A\V23251128A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
32) Chloroform	4.555	83	378	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	5.124	78	27	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.	d	
50) Dibromomethane	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	6.209	63	26	N.D.		
54) Bromodichloromethane	6.346	83	282	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.219	92	1336M1	0.195	ug/L	
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d	
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	7.849	75	31	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
69) Chlorodibromomethane	8.080	129	103	N.D.		
70) 1,3-Dichloropropane	8.172	76	61	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.	d	
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	0.000		0	N.D.	d	
74) Ethylbenzene	9.065	91	6579	0.486	ug/L #	87
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	9.252	106	7348	1.453	ug/L #	35
77) o Xylene	9.787	106	178	N.D.		
78) Styrene	9.857	104	26	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.197	105	4154	0.280	ug/L	87
84) Bromobenzene	10.690	156	177	N.D.		
85) n-Propylbenzene	0.000		0	N.D.	d	
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d	
88) 4-Ethyltoluene	10.849	105	30491	2.075	ug/L	89
89) 2-Chlorotoluene	0.000		0	N.D.	d	
90) 1,3,5-Trimethylbenzene	10.955	105	18571	1.425	ug/L #	85
91) 1,2,3-Trichloropropane	10.947	75	111	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
93) 4-Chlorotoluene	0.000		0	N.D.	d	

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A25.D
Acq On : 28 Nov 2025 06:39 pm
Operator : VOA123:JIC
Sample : L2574258-12,31H,5.80,5,0.100,,A,29.67,35.97,0
Misc : WG2148010,ICAL22792
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 01 14:32:05 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251128A\V23251128A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
94) tert-Butylbenzene	0.000		0	N.D. d	
97) 1,2,4-Trimethylbenzene	11.390	105	50395	3.890 ug/L	98
98) sec-Butylbenzene	11.502	105	44161M1	2.705 ug/L	
99) p-Isopropyltoluene	0.000		0	N.D. d	
100) 1,3-Dichlorobenzene	11.820	146	26	N.D.	
101) 1,4-Dichlorobenzene	11.820	146	26	N.D.	
102) p-Diethylbenzene	0.000		0	N.D. d	
103) n-Butylbenzene	0.000		0	N.D. d	
104) 1,2-Dichlorobenzene	12.155	146	648	N.D.	
105) 1,2,4,5-Tetramethylben...	12.866	119	13106	0.962 ug/L #	1
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D. d	
108) Hexachlorobutadiene	0.000		0	N.D.	
109) 1,2,4-Trichlorobenzene	13.691	180	63	N.D.	
110) Naphthalene	13.987	128	4796	0.490 ug/L	100
111) 1,2,3-Trichlorobenzene	14.154	180	94	N.D.	

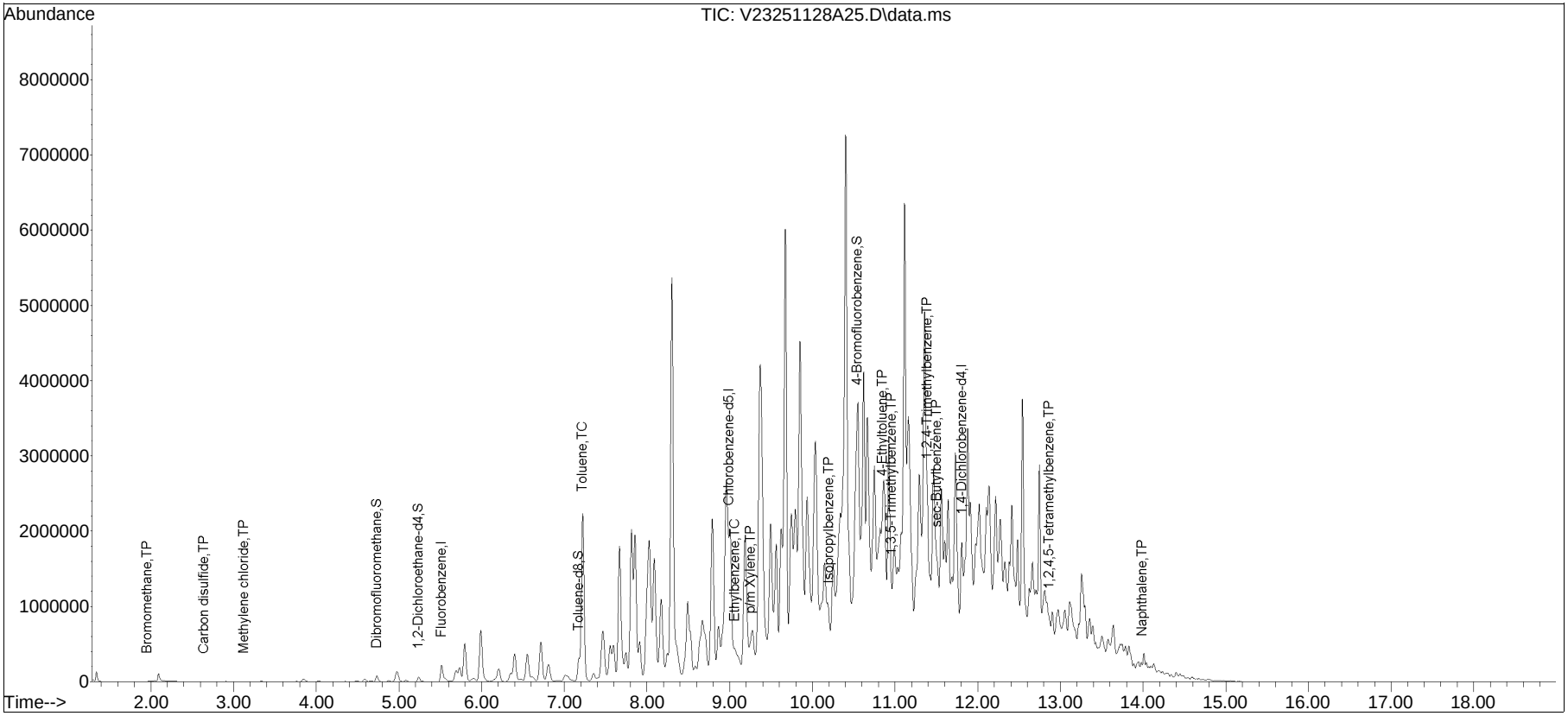
(#) = qualifier out of range (m) = manual integration (+) = signals summed

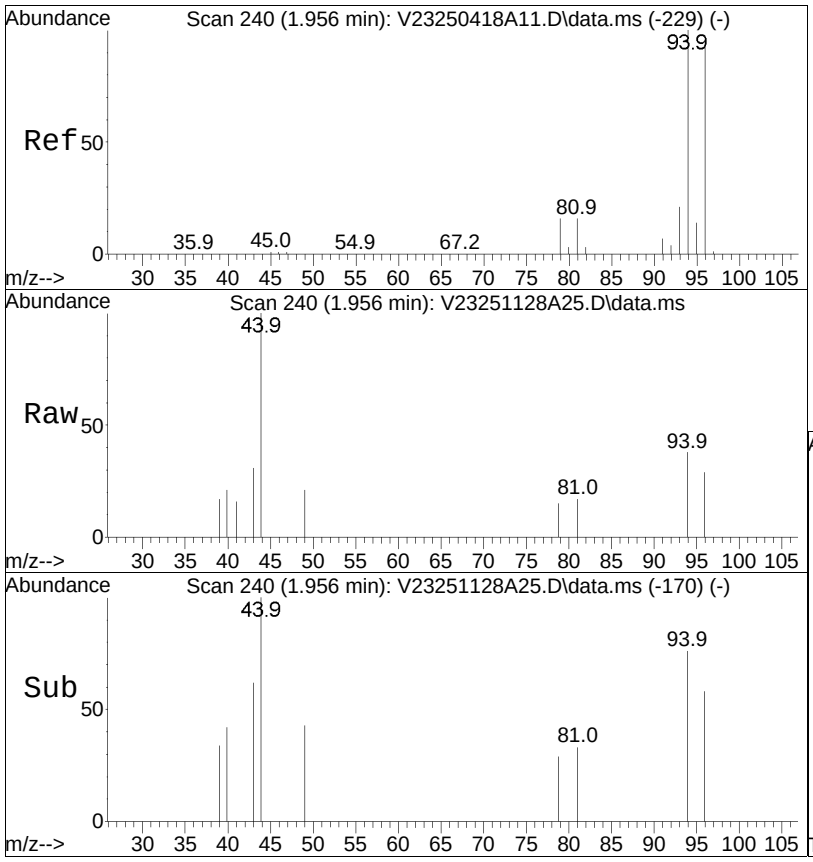
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A25.D
Acq On : 28 Nov 2025 06:39 pm
Operator : VOA123:JIC
Sample : L2574258-12,31H,5.80,5,0.100,,A,29.67,35.97,0
Misc : WG2148010,ICAL22792
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 01 14:32:05 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251128A01.D•

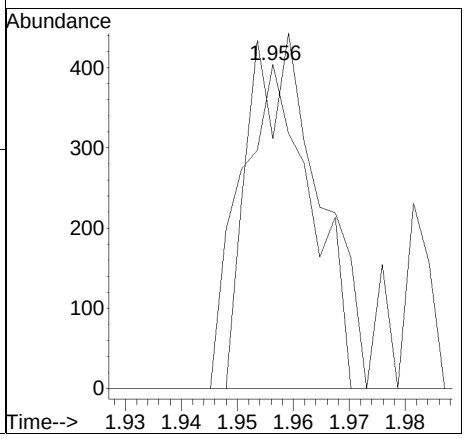


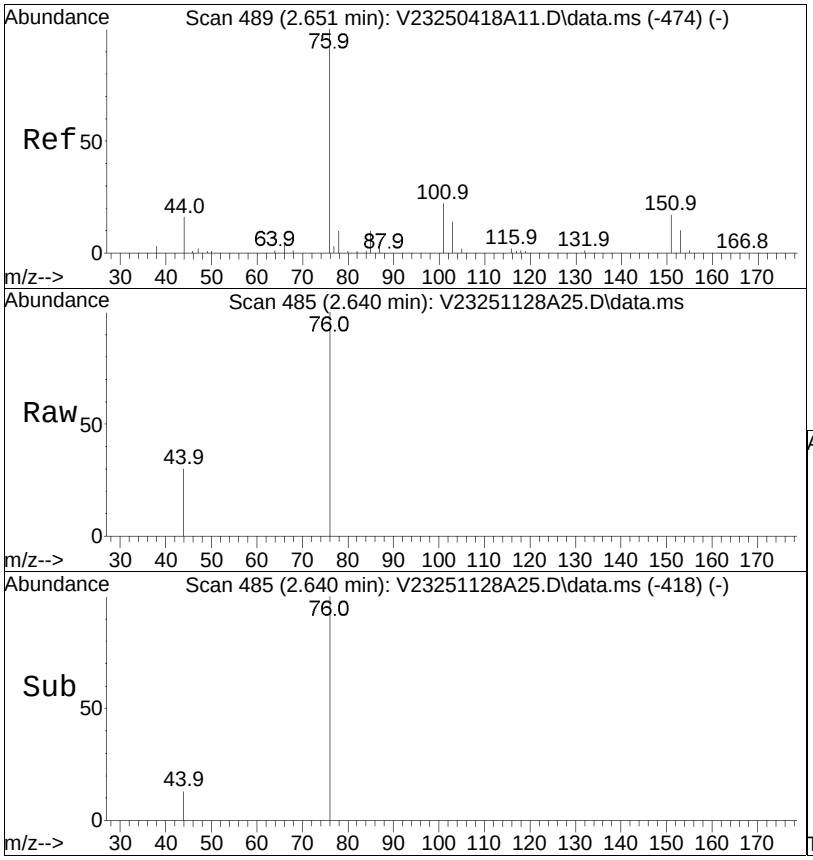


#5
Bromomethane
Concen: 0.21 ug/L
RT: 1.956 min Scan# 240
Delta R.T. -0.006 min
Lab File: V23251128A25.D
Acq: 28 Nov 2025 06:39 pm

Tgt Ion: 94 Resp: 360

Ion	Ratio	Lower	Upper
94	100		
96	108.6	74.6	114.6

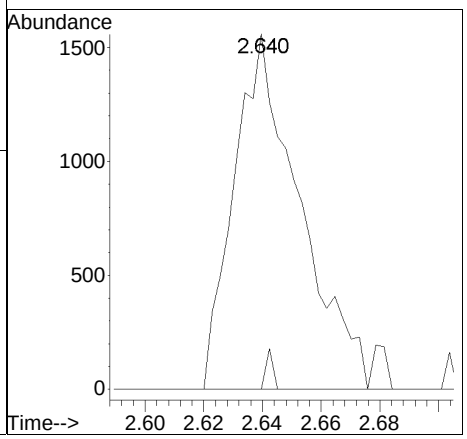


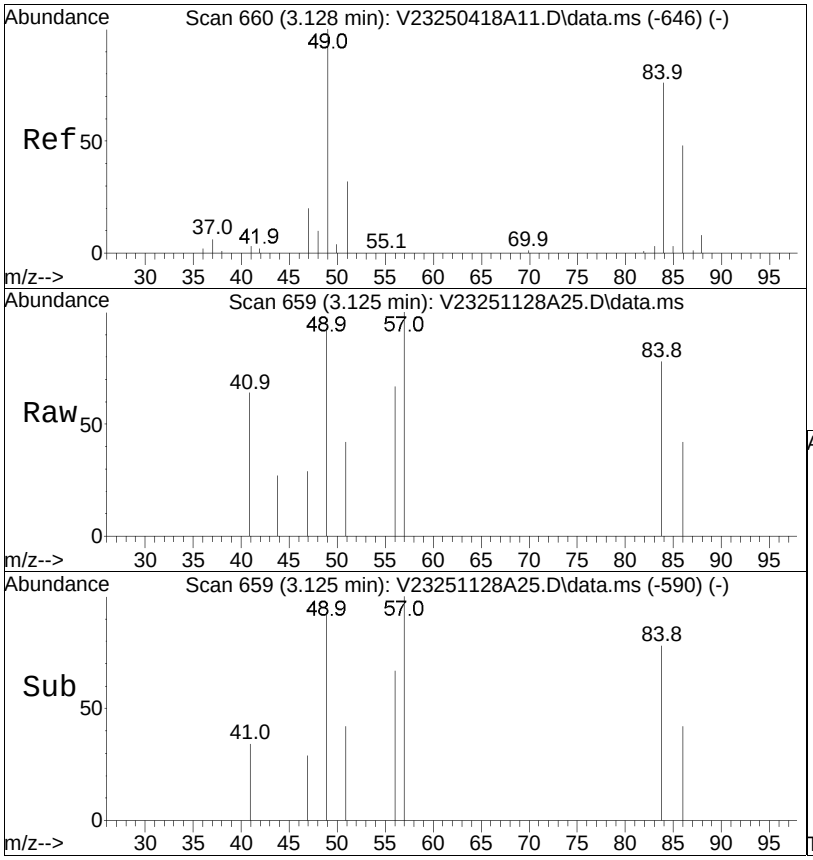


#11
Carbon disulfide
Concen: 0.31 ug/L
RT: 2.640 min Scan# 485
Delta R.T. -0.014 min
Lab File: V23251128A25.D
Acq: 28 Nov 2025 06:39 pm

Tgt Ion: 76 Resp: 2418

Ion	Ratio	Lower	Upper
76	100		
78	1.2	6.7	13.9#

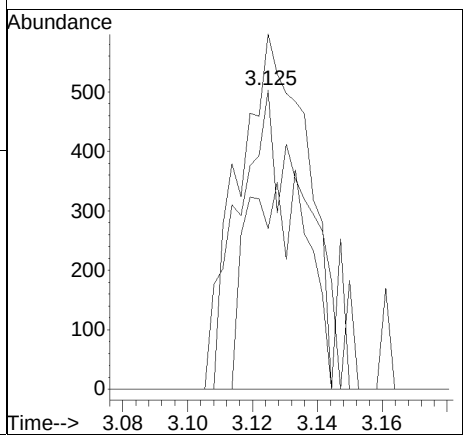


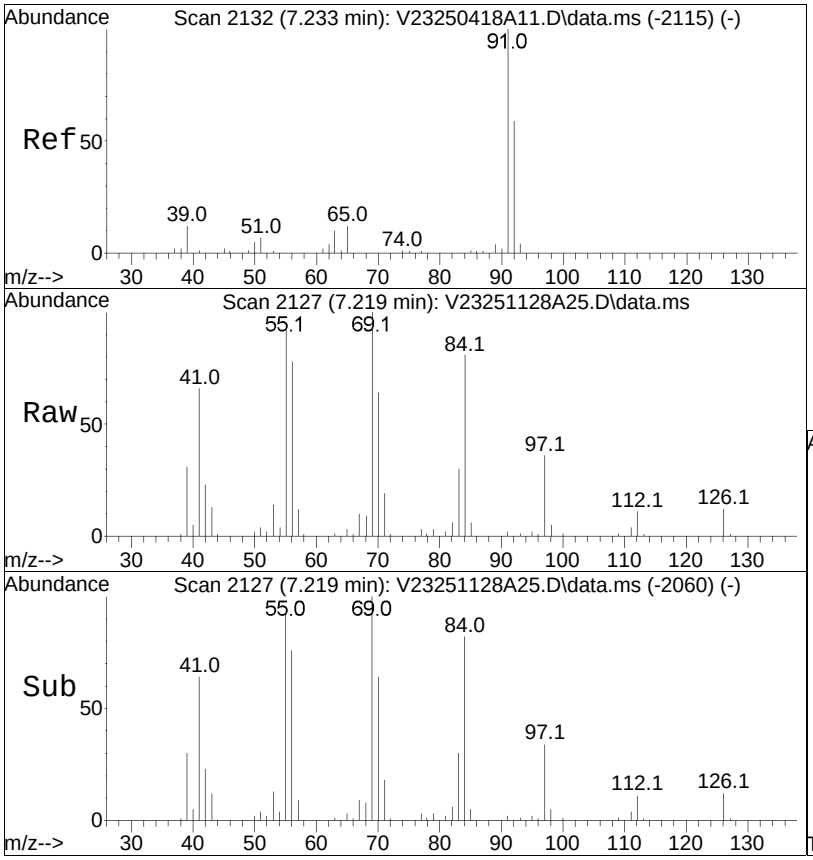


#15
Methylene chloride
Concen: 0.28 ug/L
RT: 3.125 min Scan# 659
Delta R.T. -0.009 min
Lab File: V23251128A25.D
Acq: 28 Nov 2025 06:39 pm

Tgt Ion: 84 Resp: 763

Ion	Ratio	Lower	Upper
84	100		
86	25.7	42.0	87.2#
49	116.8	74.0	153.6

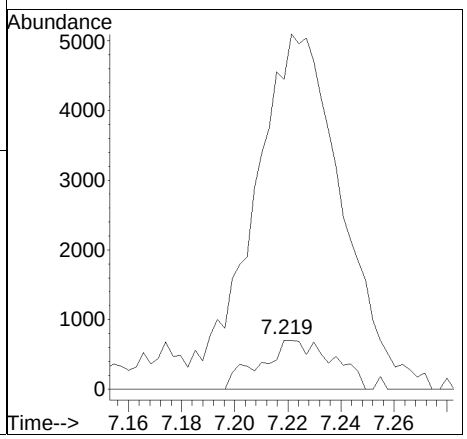


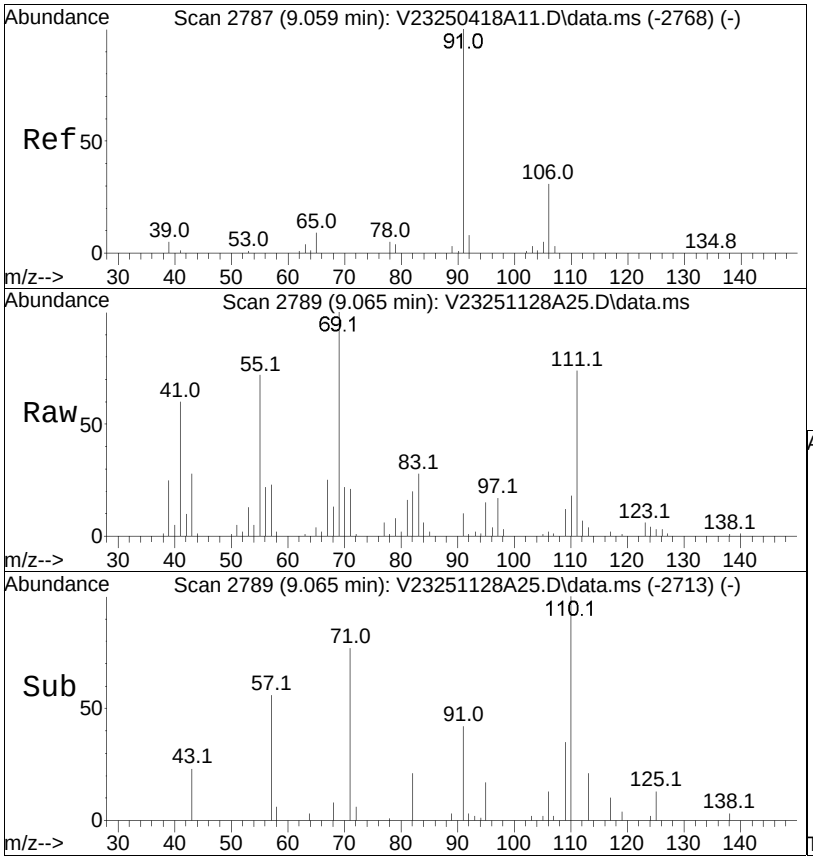


#61
Toluene
Concen: 0.20 ug/L M1
RT: 7.219 min Scan# 2127
Delta R.T. -0.014 min
Lab File: V23251128A25.D
Acq: 28 Nov 2025 06:39 pm

Tgt Ion: 92 Resp: 1336

Ion	Ratio	Lower	Upper
92	100		
91	882.3	136.4	204.6#

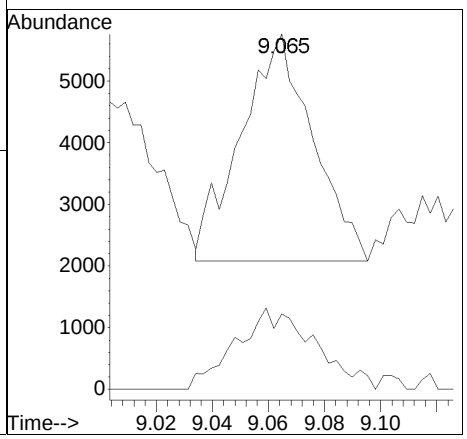


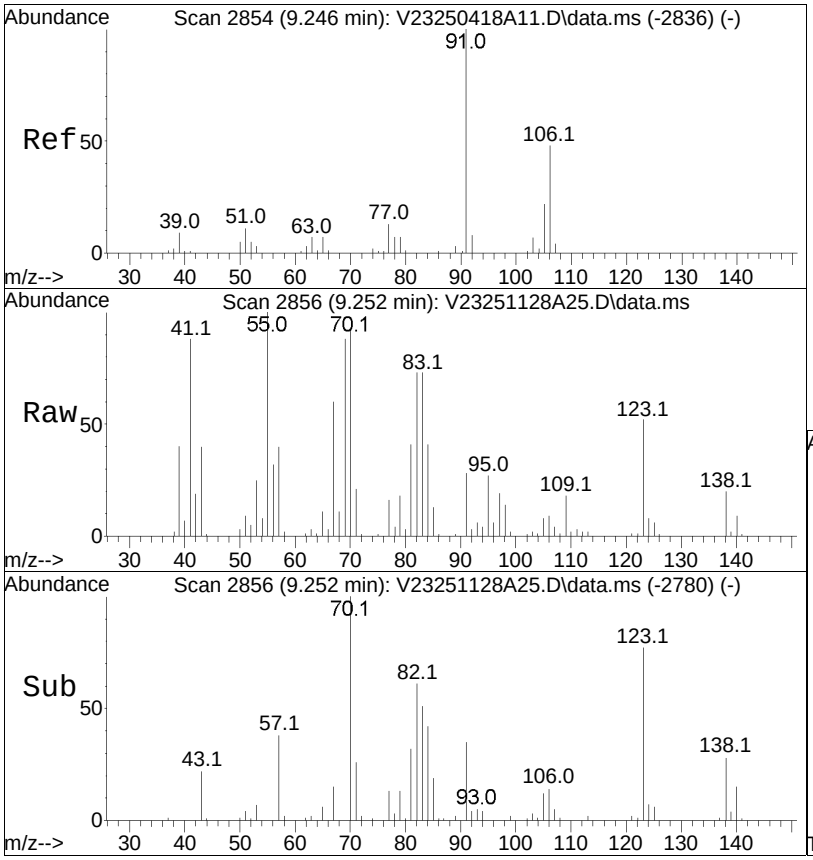


#74
Ethylbenzene
Concen: 0.49 ug/L
RT: 9.065 min Scan# 2789
Delta R.T. 0.011 min
Lab File: V23251128A25.D
Acq: 28 Nov 2025 06:39 pm

Tgt Ion: 91 Resp: 6579

Ion	Ratio	Lower	Upper
91	100		
106	38.9	25.2	37.8#

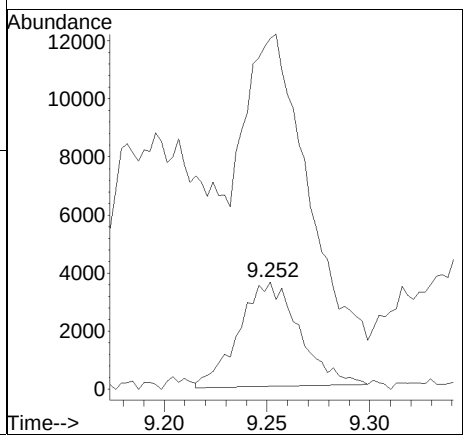


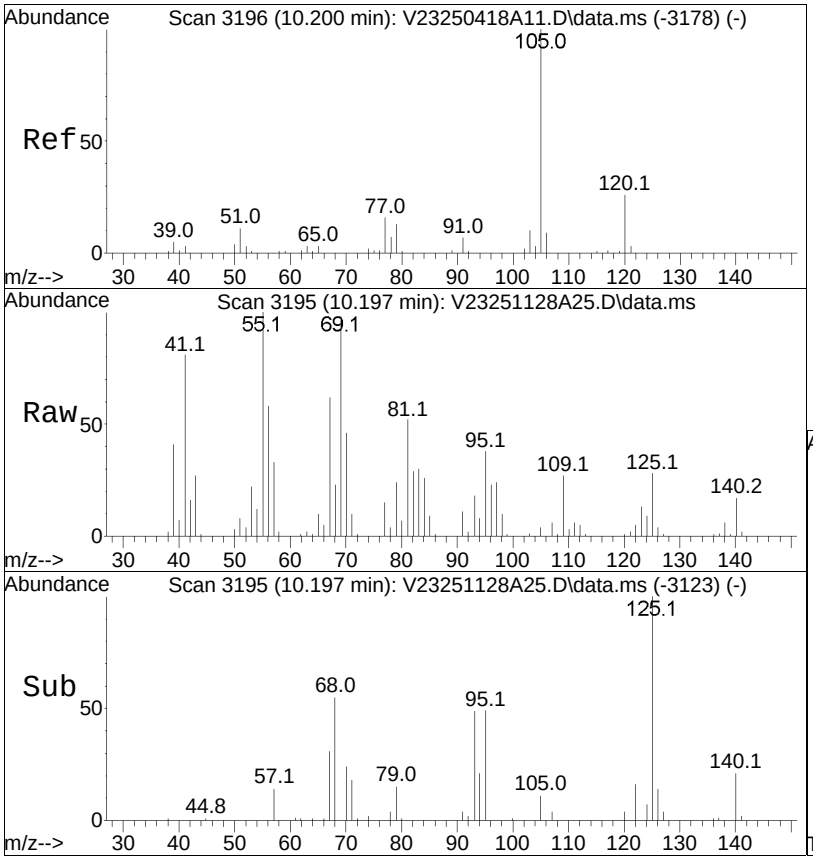


#76
p/m Xylene
Concen: 1.45 ug/L
RT: 9.252 min Scan# 2856
Delta R.T. 0.011 min
Lab File: V23251128A25.D
Acq: 28 Nov 2025 06:39 pm

Tgt Ion:106 Resp: 7348

Ion	Ratio	Lower	Upper
106	100		
91	299.5	160.4	240.6#

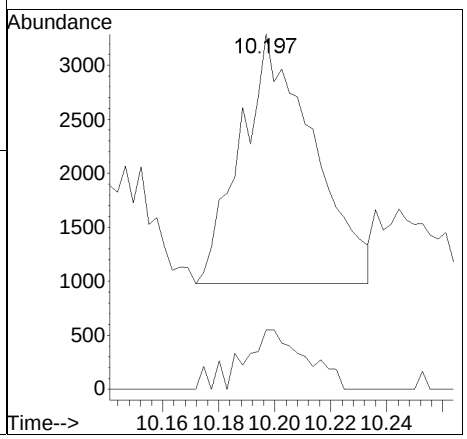


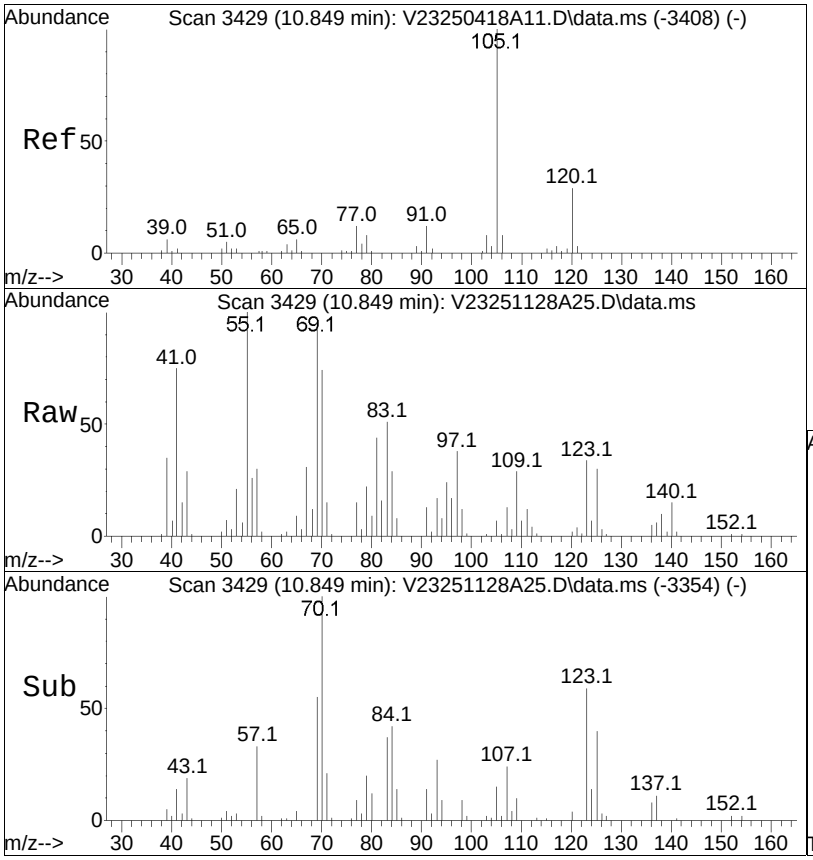


#82
Isopropylbenzene
Concen: 0.28 ug/L
RT: 10.197 min Scan# 3195
Delta R.T. -0.000 min
Lab File: V23251128A25.D
Acq: 28 Nov 2025 06:39 pm

Tgt Ion:105 Resp: 4154

Ion	Ratio	Lower	Upper
105	100		
120	19.9	6.6	46.6

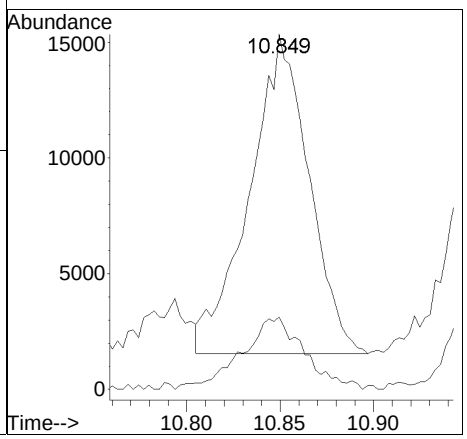


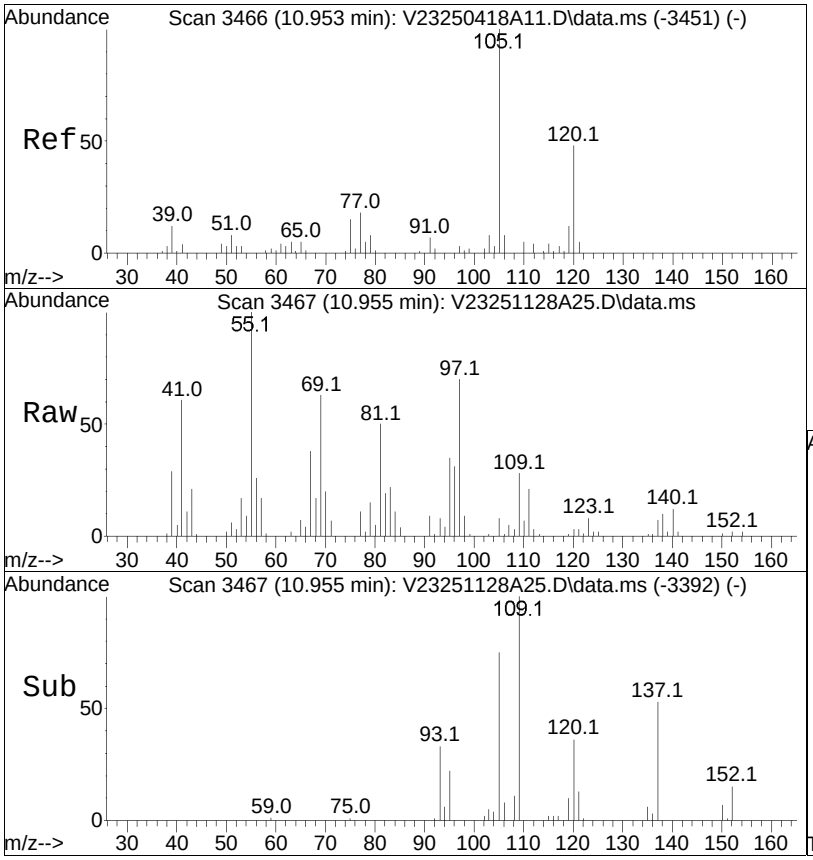


#88
4-Ethyltoluene
Concen: 2.08 ug/L
RT: 10.849 min Scan# 3429
Delta R.T. 0.008 min
Lab File: V23251128A25.D
Acq: 28 Nov 2025 06:39 pm

Tgt Ion:105 Resp: 30491

Ion	Ratio	Lower	Upper
105	100		
120	23.9	19.4	40.4

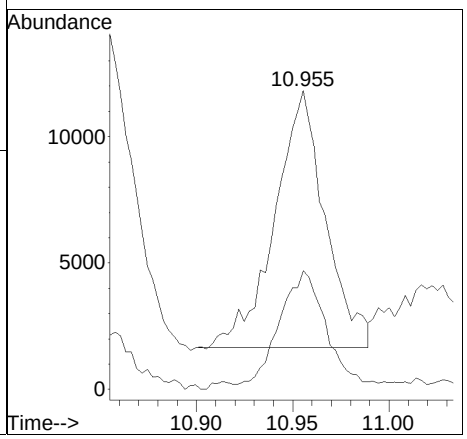


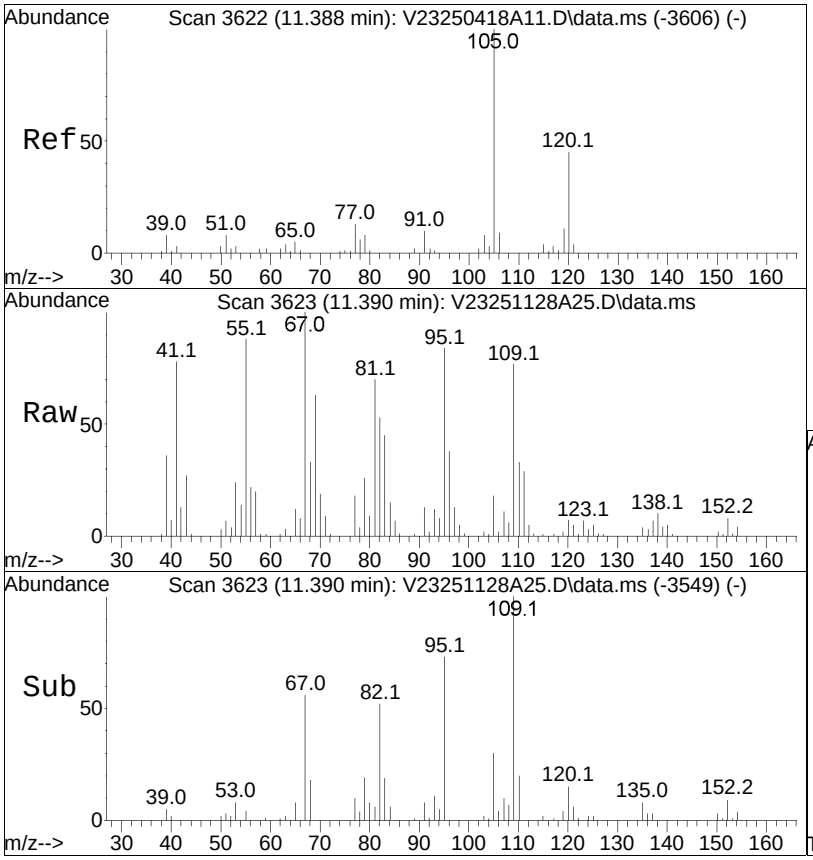


#90
1,3,5-Trimethylbenzene
Concen: 1.42 ug/L
RT: 10.955 min Scan# 3467
Delta R.T. 0.008 min
Lab File: V23251128A25.D
Acq: 28 Nov 2025 06:39 pm

Tgt Ion:105 Resp: 18571

Ion	Ratio	Lower	Upper
105	100		
120	39.6	39.9	59.9#

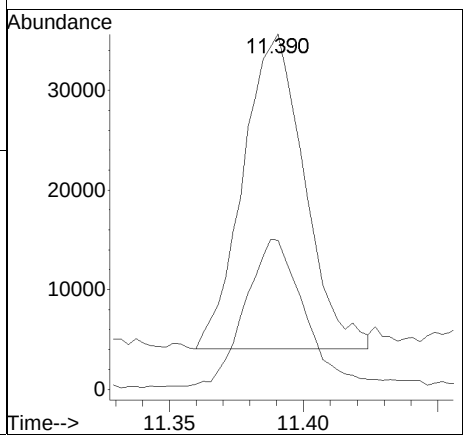


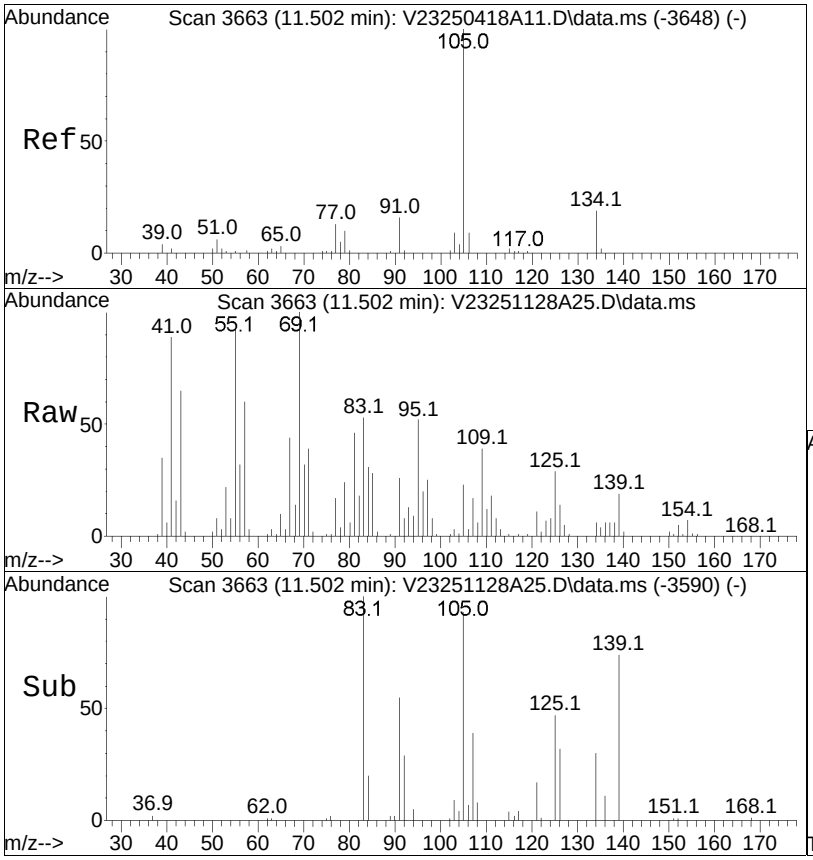


#97
1,2,4-Trimethylbenzene
Concen: 3.89 ug/L
RT: 11.390 min Scan# 3623
Delta R.T. 0.005 min
Lab File: V23251128A25.D
Acq: 28 Nov 2025 06:39 pm

Tgt Ion:105 Resp: 50395

Ion	Ratio	Lower	Upper
105	100		
120	47.2	36.9	55.3

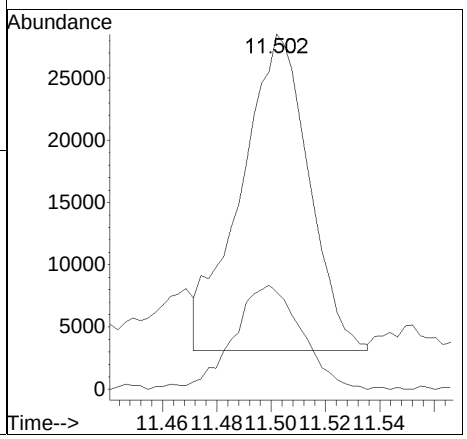


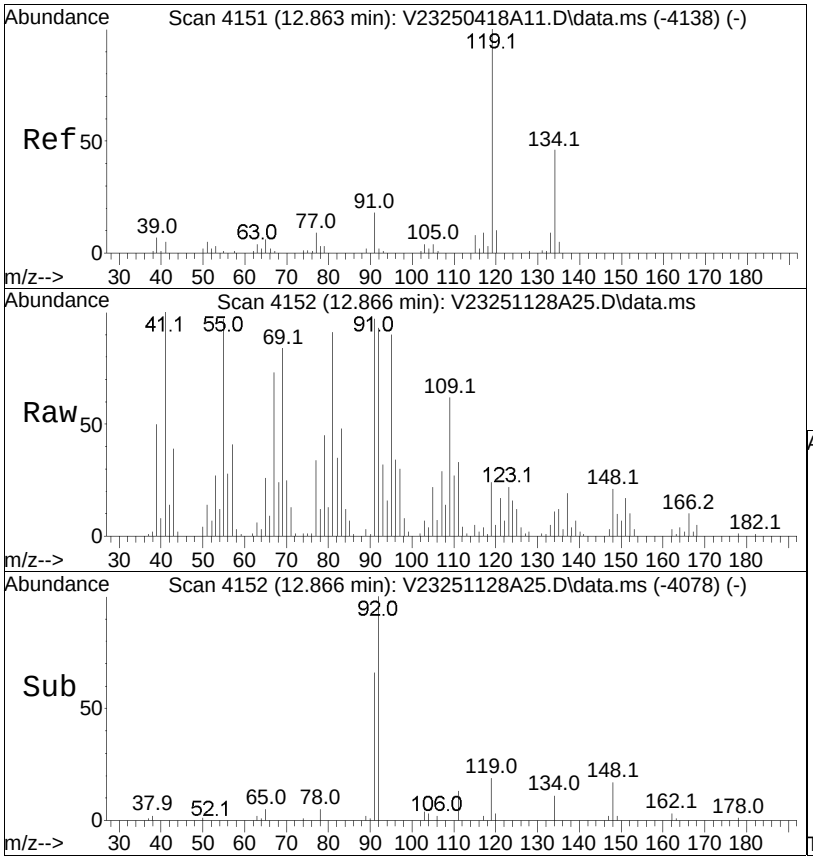


#98
sec-Butylbenzene
Concen: 2.71 ug/L M1
RT: 11.502 min Scan# 3663
Delta R.T. 0.003 min
Lab File: V23251128A25.D
Acq: 28 Nov 2025 06:39 pm

Tgt Ion:105 Resp: 44161

Ion	Ratio	Lower	Upper
105	100		
134	2.8	13.1	27.1#

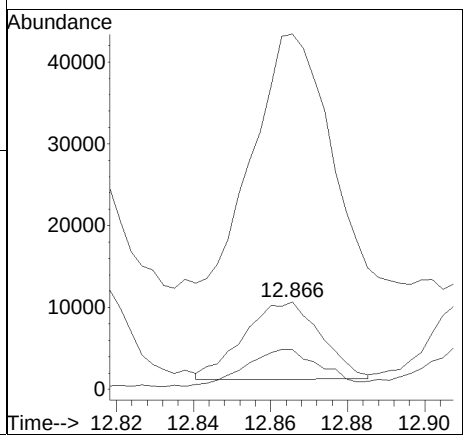


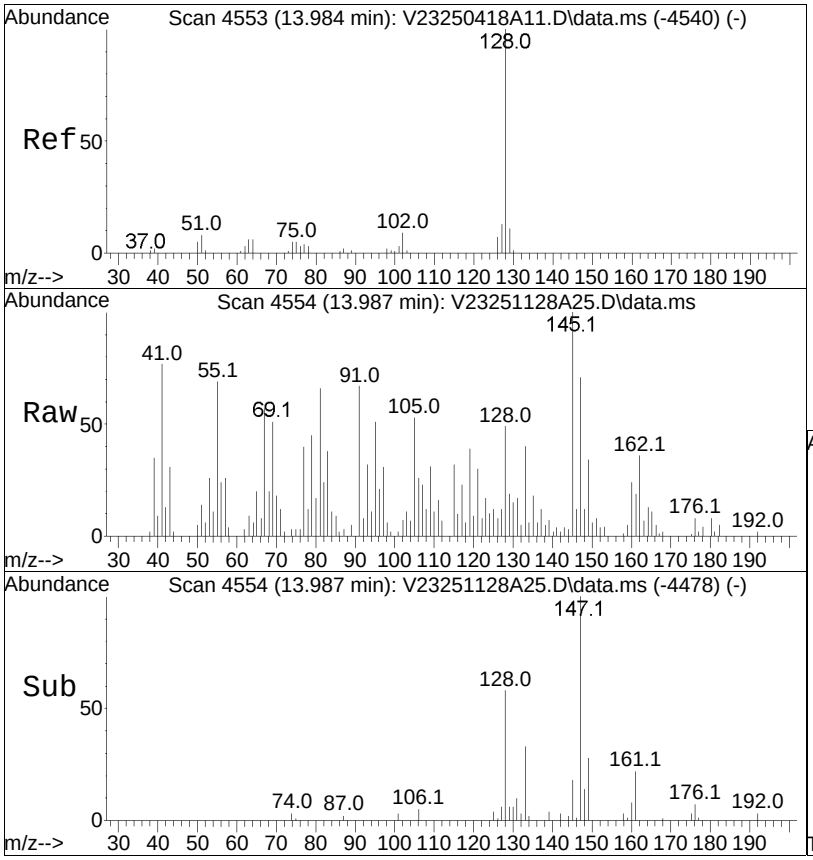


#105
1,2,4,5-Tetramethylbenzene
Concen: 0.96 ug/L
RT: 12.866 min Scan# 4152
Delta R.T. 0.005 min
Lab File: V23251128A25.D
Acq: 28 Nov 2025 06:39 pm

Tgt Ion:119 Resp: 13106

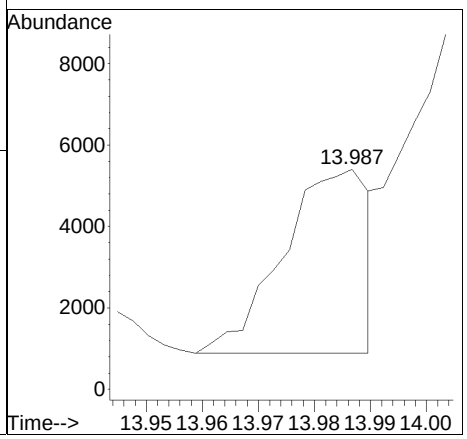
Ion	Ratio	Lower	Upper
119	100		
134	47.9	31.3	64.9
91	327.5	10.3	21.3#





#110
Naphthalene
Concen: 0.49 ug/L
RT: 13.987 min Scan# 4554
Delta R.T. 0.011 min
Lab File: V23251128A25.D
Acq: 28 Nov 2025 06:39 pm

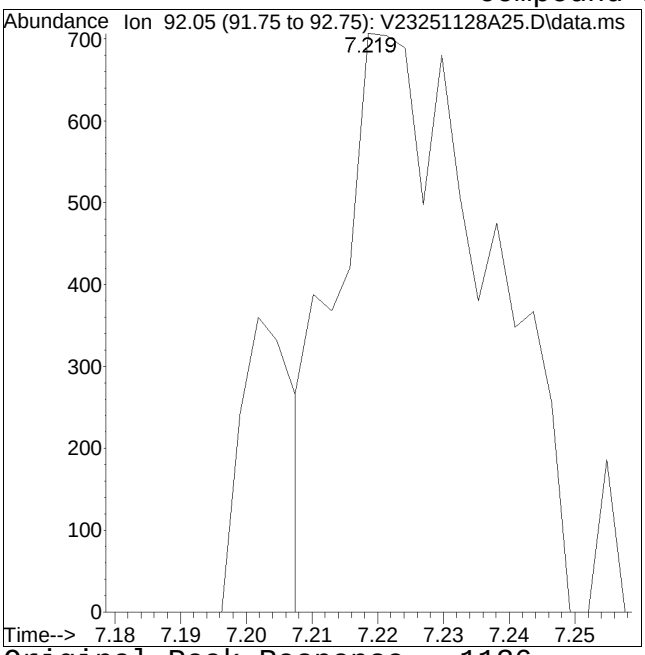
Tgt Ion:128 Resp: 4796



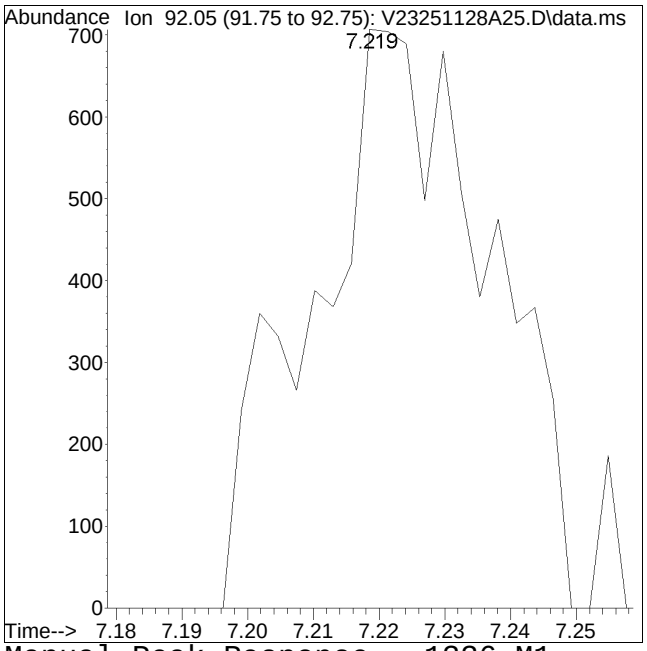
Manual Integration Report

Data Path : K:\VOA123\2025\251128A\ QMethod : V123_251103N_8260.m
Data File : V23251128A25.D Operator : VOA123:JIC
Date Inj'd : 11/28/2025 6:39 pm Instrument : VOA123
Sample : L2574258-12,31H,5.80,5,0.1Quant Date : 11/30/2025 11:22 am

Compound #61: Toluene



Original Peak Response = 1136



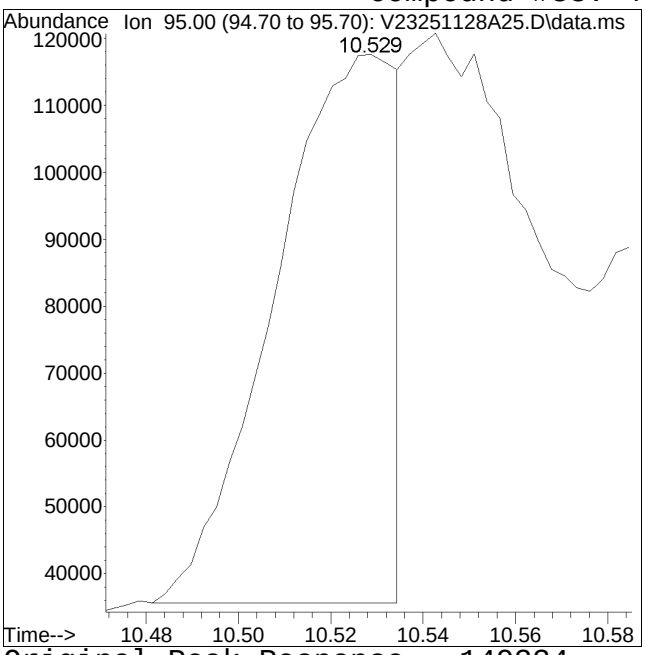
Manual Peak Response = 1336 M1

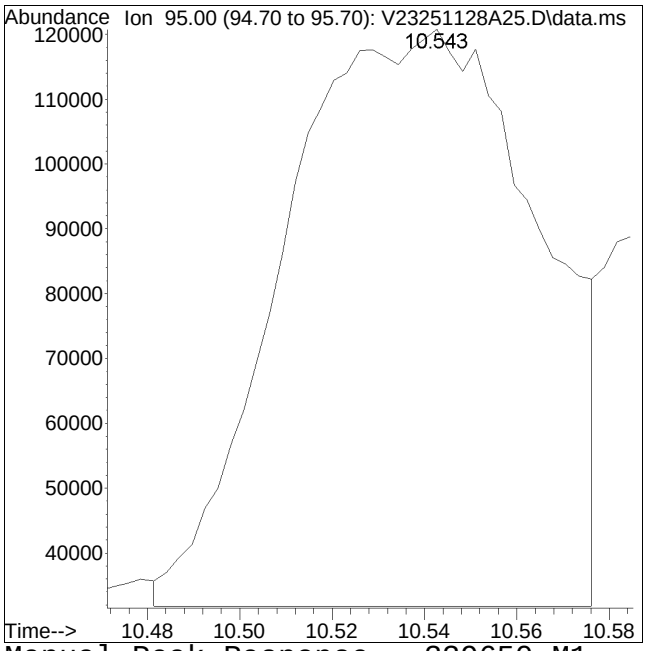
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251128A\ QMethod : V123_251103N_8260.m
Data File : V23251128A25.D Operator : VOA123:JIC
Date Inj'd : 11/28/2025 6:39 pm Instrument : VOA123
Sample : L2574258-12,31H,5.80,5,0.1Quant Date : 11/30/2025 11:22 am

Compound #83: 4-Bromofluorobenzene



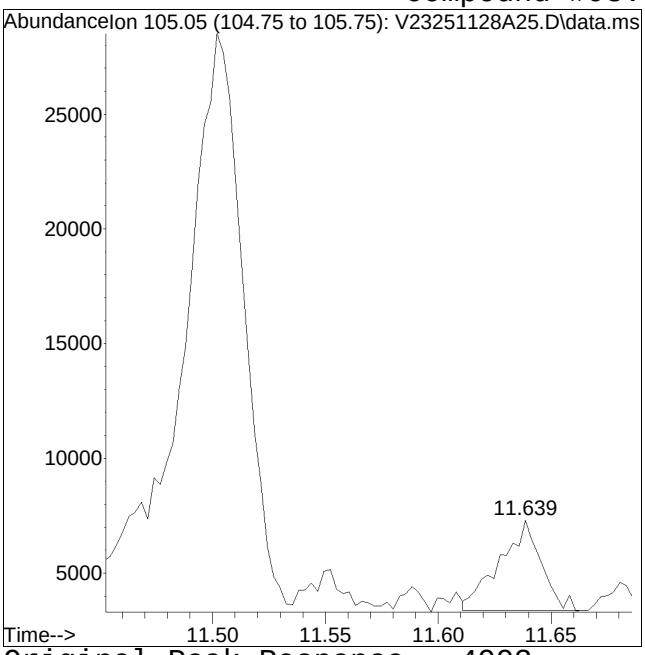


Original Peak Response = 149334 Manual Peak Response = 339650 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

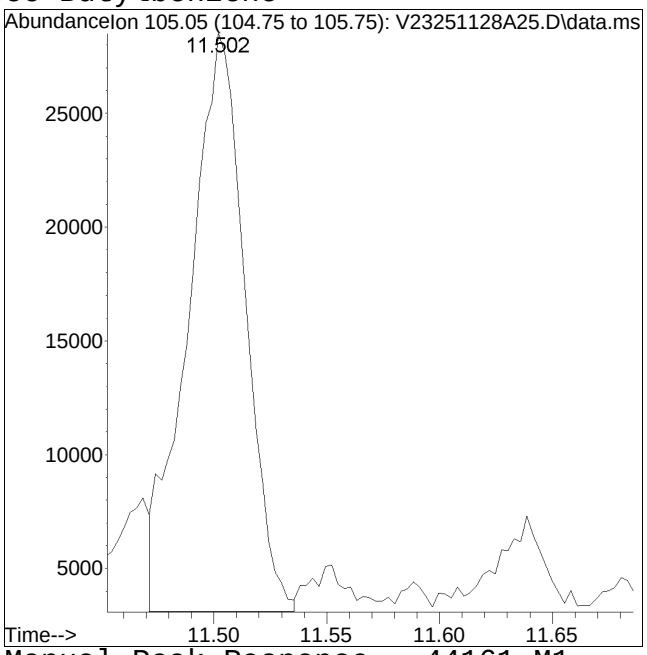
Manual Integration Report

Data Path : K:\VOA123\2025\251128A\ QMethod : V123_251103N_8260.m
Data File : V23251128A25.D Operator : VOA123:JIC
Date Inj'd : 11/28/2025 6:39 pm Instrument : VOA123
Sample : L2574258-12,31H,5.80,5,0.1Quant Date : 11/30/2025 11:22 am

Compound #98: sec-Butylbenzene



Original Peak Response = 4993



Manual Peak Response = 44161 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A24.D
Acq On : 01 Dec 2025 04:30 pm
Operator : VOA129:JIC
Sample : L2574258-10,31H,6.27,5,0.100,,A,29.76,36.53,0
Misc : WG2148464,ICAL22852
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 02 10:05:08 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251201A\V29251201A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.956	96	331689	20.000 ug/L	0.00
Standard Area 1 = 308067			Recovery = 107.67%		
59) Chlorobenzene-d5	8.793	117	239200	20.000 ug/L	0.00
Standard Area 1 = 231104			Recovery = 103.50%		
79) 1,4-Dichlorobenzene-d4	10.250	152	146934	20.000 ug/L	0.00
Standard Area 1 = 134547			Recovery = 109.21%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.028	113	75141	18.220 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.10%		
43) 1,2-Dichloroethane-d4	5.626	65	89780	18.992 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.96%		
60) Toluene-d8	7.592	98	352796	23.136 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 115.68%		
83) 4-Bromofluorobenzene	9.584	95	226706	35.968 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 179.84%#		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D. d	
3) Chloromethane	1.222	50	409	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.526	94	1315	0.373 ug/L	92
6) Chloroethane	0.000		0	N.D. d	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	1.945	74	77	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.160	76	709	N.D.	
15) Methylene chloride	2.732	84	2598	0.568 ug/L #	64
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	3.167	73	57	N.D.	
23) 1,1-Dichloroethane	3.612	63	66	N.D.	
25) Acrylonitrile	0.000		0	N.D. d	
27) Vinyl acetate	4.095	43	147	N.D.	
28) cis-1,2-Dichloroethene	4.446	96	77	N.D.	
29) 2,2-Dichloropropane	4.567	77	165	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D. d	

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A24.D
Acq On : 01 Dec 2025 04:30 pm
Operator : VOA129:JIC
Sample : L2574258-10,31H,6.27,5,0.100,,A,29.76,36.53,0
Misc : WG2148464,ICAL22852
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 02 10:05:08 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251201A\V29251201A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	4.897	97	52	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	5.170	75	121	N.D.		
41) Benzene	5.469	78	554	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.	d	
48) Trichloroethene	0.000		0	N.D.	d	
50) Dibromomethane	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	0.000		0	N.D.	d	
54) Bromodichloromethane	0.000		0	N.D.	d	
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	7.414	75	104	N.D.		
61) Toluene	7.634	92	3723	0.367	ug/L #	69
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d	
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.	d	
68) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
69) Chlorodibromomethane	0.000		0	N.D.	d	
70) 1,3-Dichloropropane	8.321	76	306	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.	d	
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	0.000		0	N.D.	d	
74) Ethylbenzene	8.835	91	2068004	109.835	ug/L	100
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	8.939	106	1528336	224.709	ug/L	99
77) o Xylene	9.217	106	27160	4.075	ug/L #	63
78) Styrene	0.000		0	N.D.	d	
80) Bromoform	9.254	173	52	N.D.		
82) Isopropylbenzene	9.417	105	355526	17.428	ug/L	97
84) Bromobenzene	9.647	156	190	N.D.		
85) n-Propylbenzene	9.674	91	645382	26.330	ug/L	98
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d	
88) 4-Ethyltoluene	9.742	105	638328	31.888	ug/L	98
89) 2-Chlorotoluene	0.000		0	N.D.	d	
90) 1,3,5-Trimethylbenzene	9.794	105	313450	17.677	ug/L	91
91) 1,2,3-Trichloropropane	0.000		0	N.D.	d	
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
93) 4-Chlorotoluene	0.000		0	N.D.	d	
94) tert-Butylbenzene	9.983	119	18131	1.191	ug/L #	1

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A24.D
Acq On : 01 Dec 2025 04:30 pm
Operator : VOA129:JIC
Sample : L2574258-10,31H,6.27,5,0.100,,A,29.76,36.53,0
Misc : WG2148464,ICAL22852
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 02 10:05:08 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251201A\V29251201A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	10.020	105	1779632	102.247	ug/L	95
98) sec-Butylbenzene	10.082	105	332688	14.861	ug/L #	72
99) p-Isopropyltoluene	10.172	119	133560M6	6.976	ug/L	
100) 1,3-Dichlorobenzene	10.208	146	357	N.D.		
101) 1,4-Dichlorobenzene	10.256	146	683	N.D.		
102) p-Diethylbenzene	10.376	119	304819	26.999	ug/L	97
103) n-Butylbenzene	10.408	91	345809	19.313	ug/L	98
104) 1,2-Dichlorobenzene	10.497	146	257	N.D.		
105) 1,2,4,5-Tetramethylben...	10.832	119	629425	34.886	ug/L	97
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D. d		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D. d		
110) Naphthalene	11.514	128	733360M6	57.816	ug/L	
111) 1,2,3-Trichlorobenzene	11.613	180	449	N.D.		

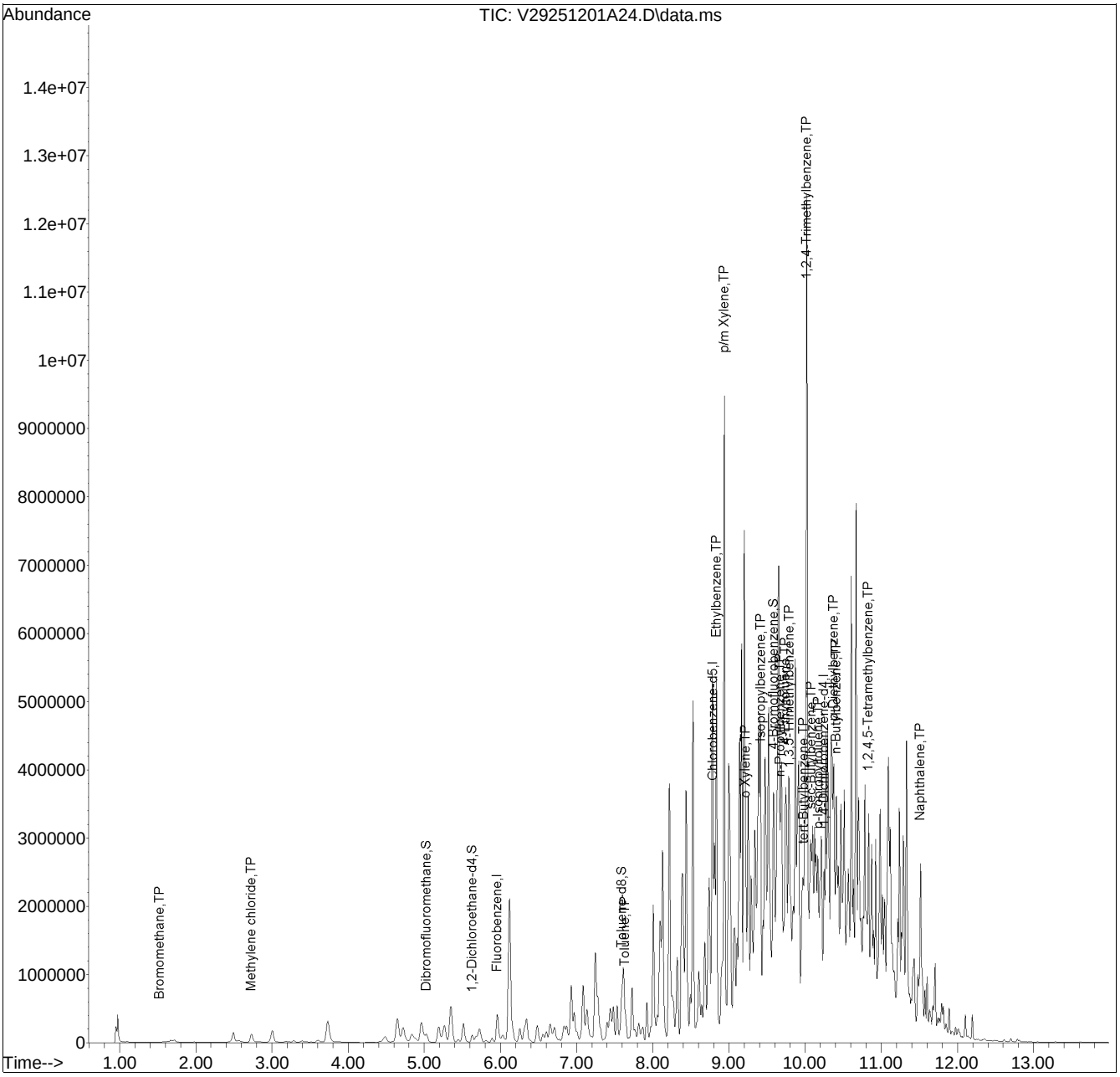
(#) = qualifier out of range (m) = manual integration (+) = signals summed

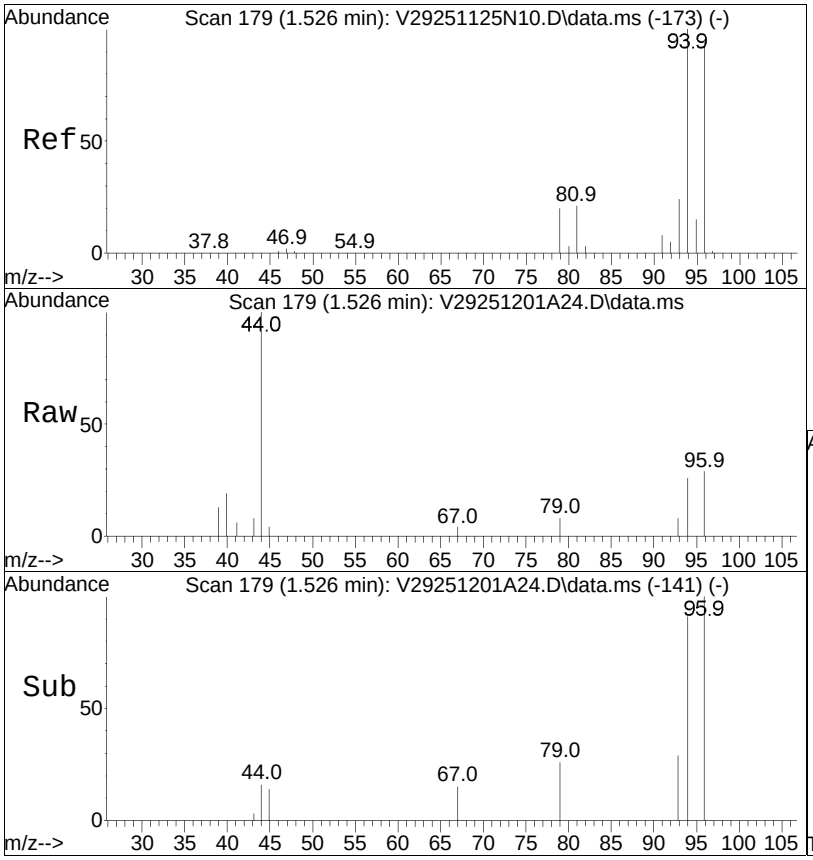
Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A24.D
Acq On : 01 Dec 2025 04:30 pm
Operator : VOA129:JIC
Sample : L2574258-10,31H,6.27,5,0.100,,A,29.76,36.53,0
Misc : WG2148464,ICAL22852
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 02 10:05:08 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251201A02.D•

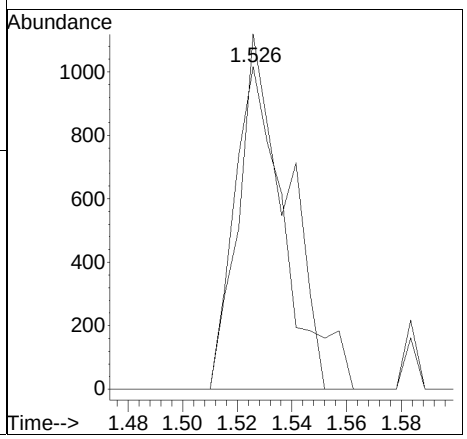


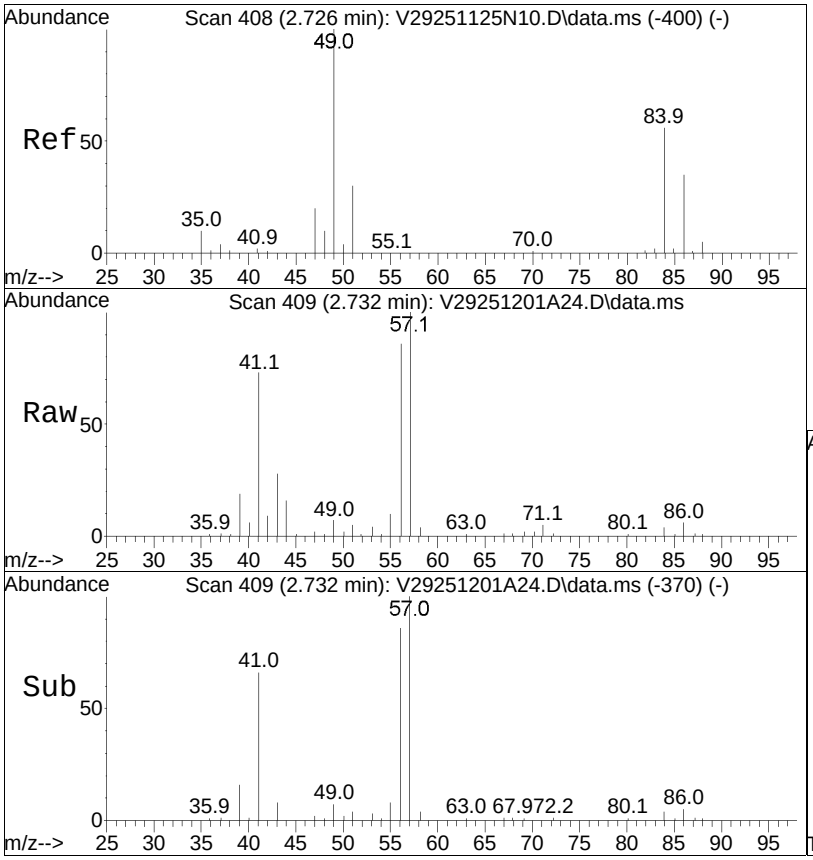


#5
Bromomethane
Concen: 0.37 ug/L
RT: 1.526 min Scan# 179
Delta R.T. 0.000 min
Lab File: V29251201A24.D
Acq: 01 Dec 2025 04:30 pm

Tgt Ion: 94 Resp: 1315

Ion	Ratio	Lower	Upper
94	100		
96	103.1	75.6	115.6

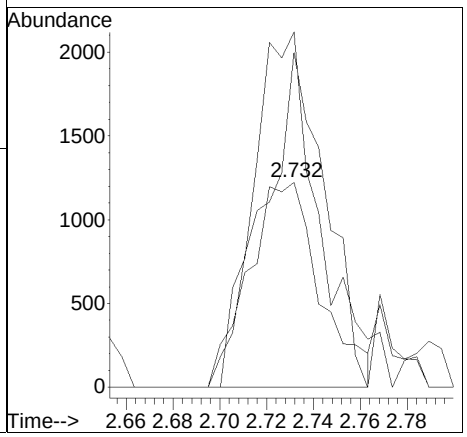


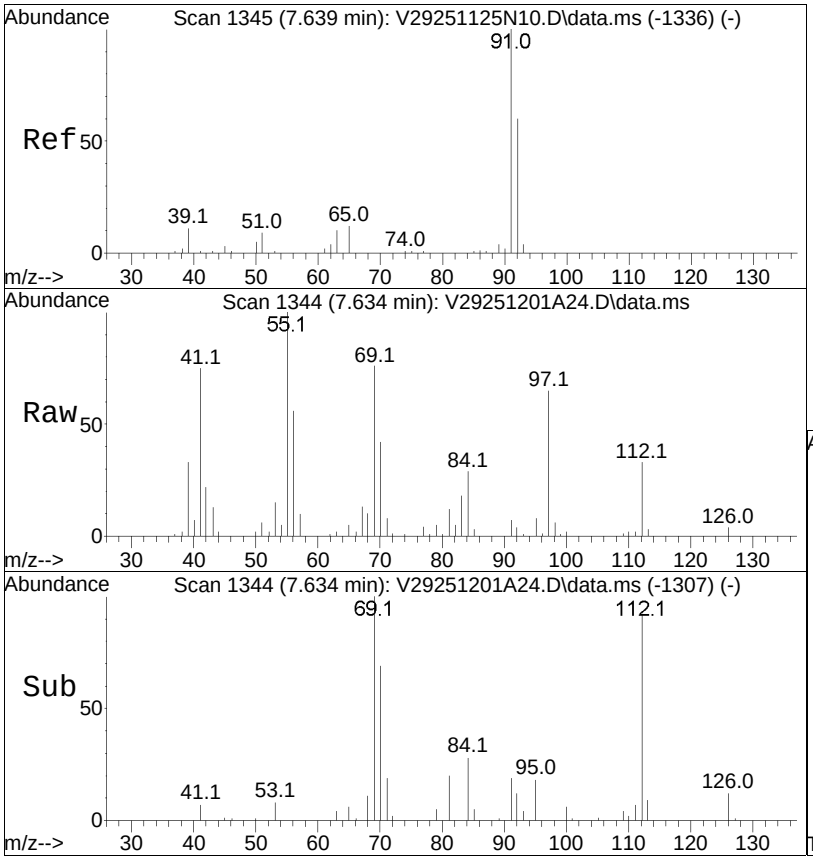


#15
Methylene chloride
Concen: 0.57 ug/L
RT: 2.732 min Scan# 409
Delta R.T. 0.006 min
Lab File: V29251201A24.D
Acq: 01 Dec 2025 04:30 pm

Tgt Ion: 84 Resp: 2598

Ion	Ratio	Lower	Upper
84	100		
86	142.6	40.4	83.8#
49	165.9	120.0	249.2

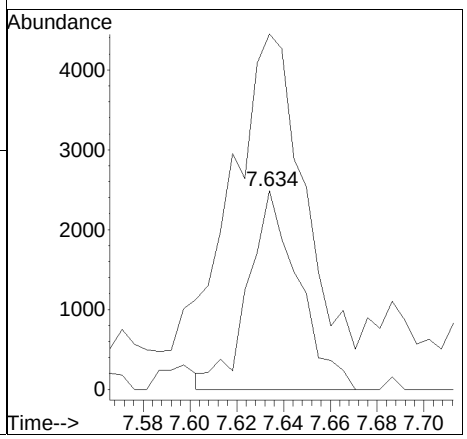


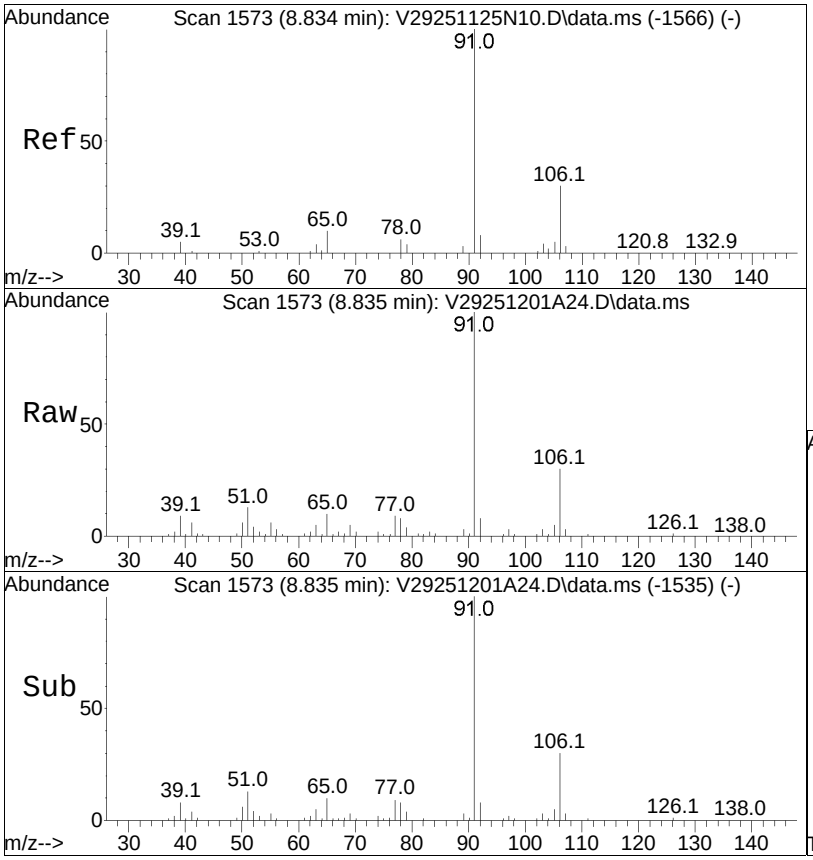


#61
Toluene
Concen: 0.37 ug/L
RT: 7.634 min Scan# 1344
Delta R.T. -0.005 min
Lab File: V29251201A24.D
Acq: 01 Dec 2025 04:30 pm

Tgt Ion: 92 Resp: 3723

Ion	Ratio	Lower	Upper
92	100		
91	218.4	139.8	209.6#

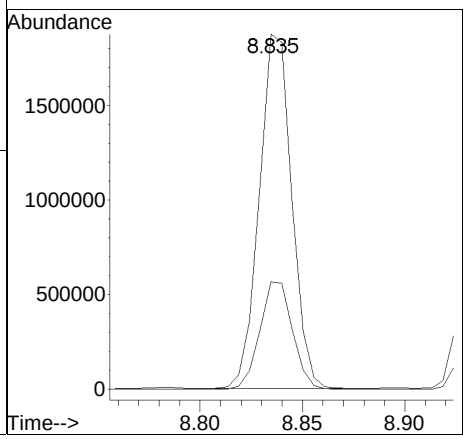


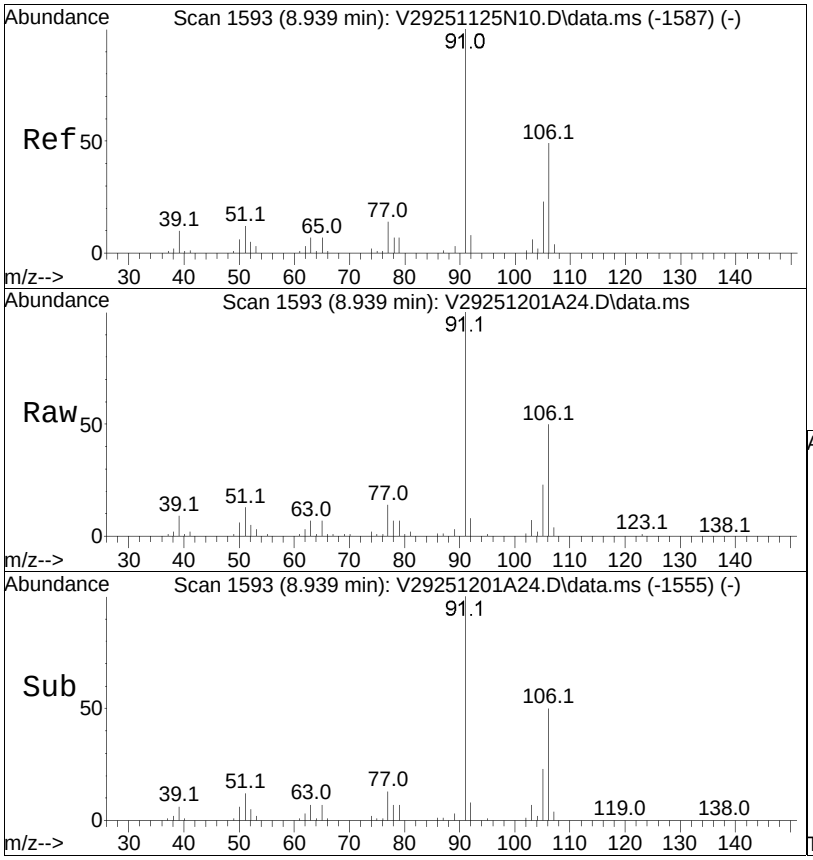


#74
Ethylbenzene
Concen: 109.83 ug/L
RT: 8.835 min Scan# 1573
Delta R.T. 0.000 min
Lab File: V29251201A24.D
Acq: 01 Dec 2025 04:30 pm

Tgt Ion: 91 Resp: 2068004

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.3	36.5

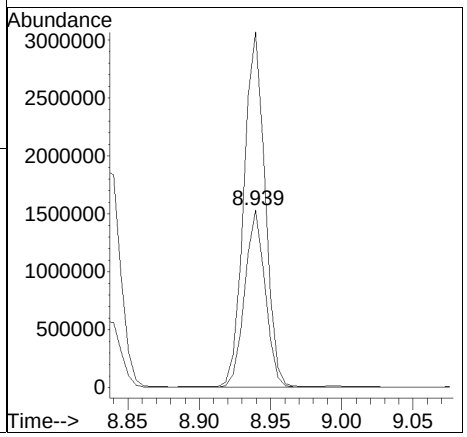


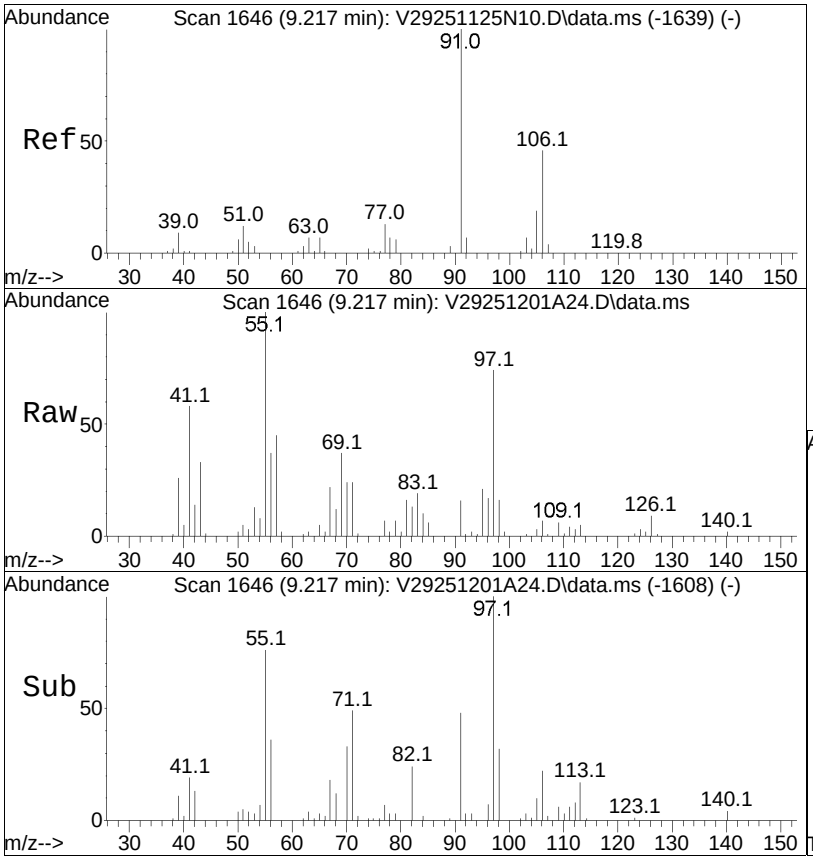


#76
p/m Xylene
Concen: 224.71 ug/L
RT: 8.939 min Scan# 1593
Delta R.T. 0.000 min
Lab File: V29251201A24.D
Acq: 01 Dec 2025 04:30 pm

Tgt Ion:106 Resp: 1528336

Ion	Ratio	Lower	Upper
106	100		
91	206.6	166.4	249.6

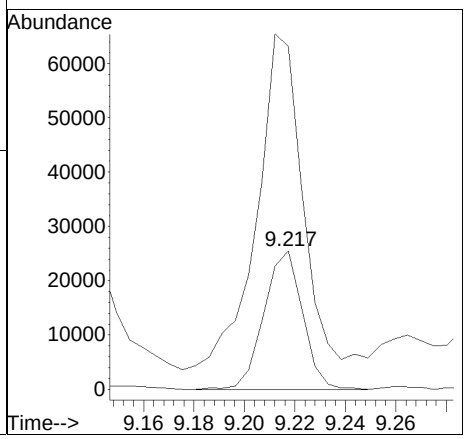


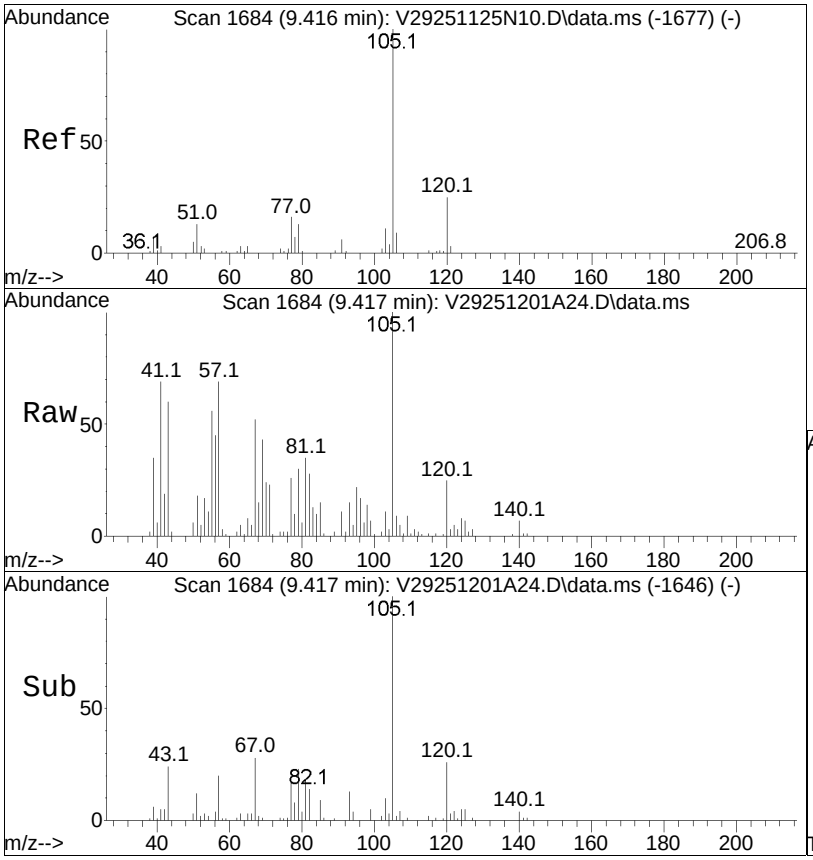


#77
o Xylene
Concen: 4.07 ug/L
RT: 9.217 min Scan# 1646
Delta R.T. 0.000 min
Lab File: V29251201A24.D
Acq: 01 Dec 2025 04:30 pm

Tgt Ion:106 Resp: 27160

Ion	Ratio	Lower	Upper
106	100		
91	289.3	182.6	273.8#

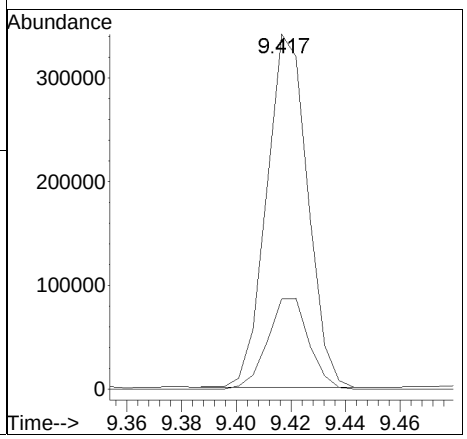


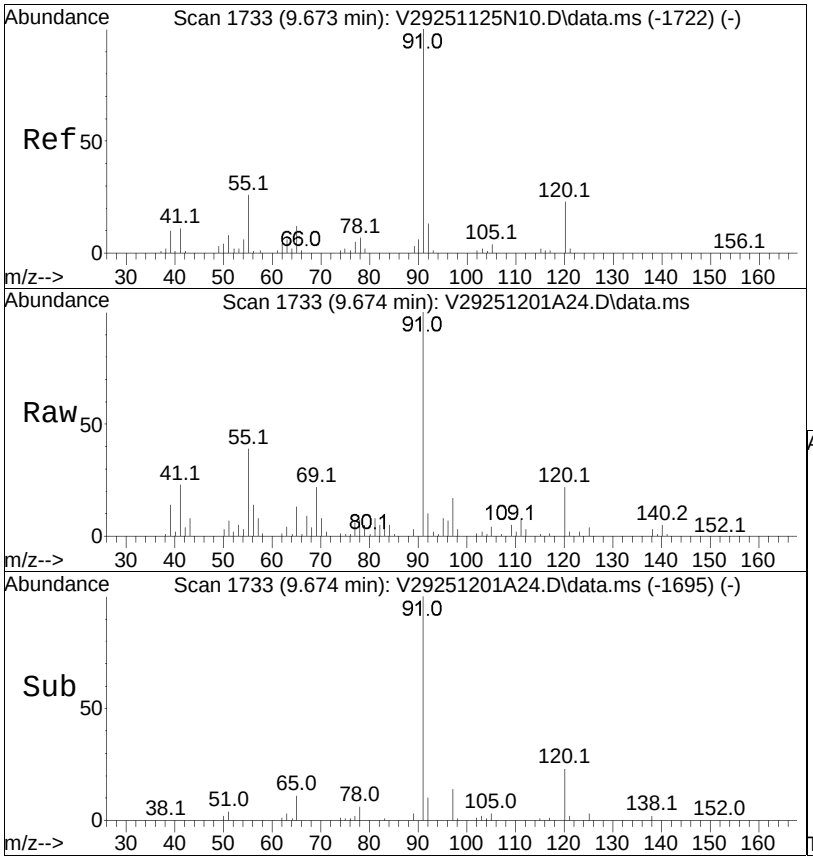


#82
Isopropylbenzene
Concen: 17.43 ug/L
RT: 9.417 min Scan# 1684
Delta R.T. 0.001 min
Lab File: V29251201A24.D
Acq: 01 Dec 2025 04:30 pm

Tgt Ion:105 Resp: 355526

Ion	Ratio	Lower	Upper
105	100		
120	26.3	4.8	44.8

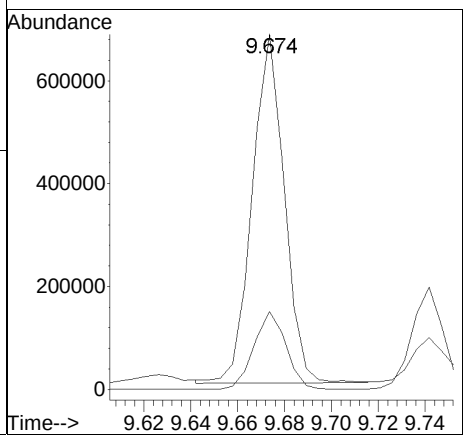


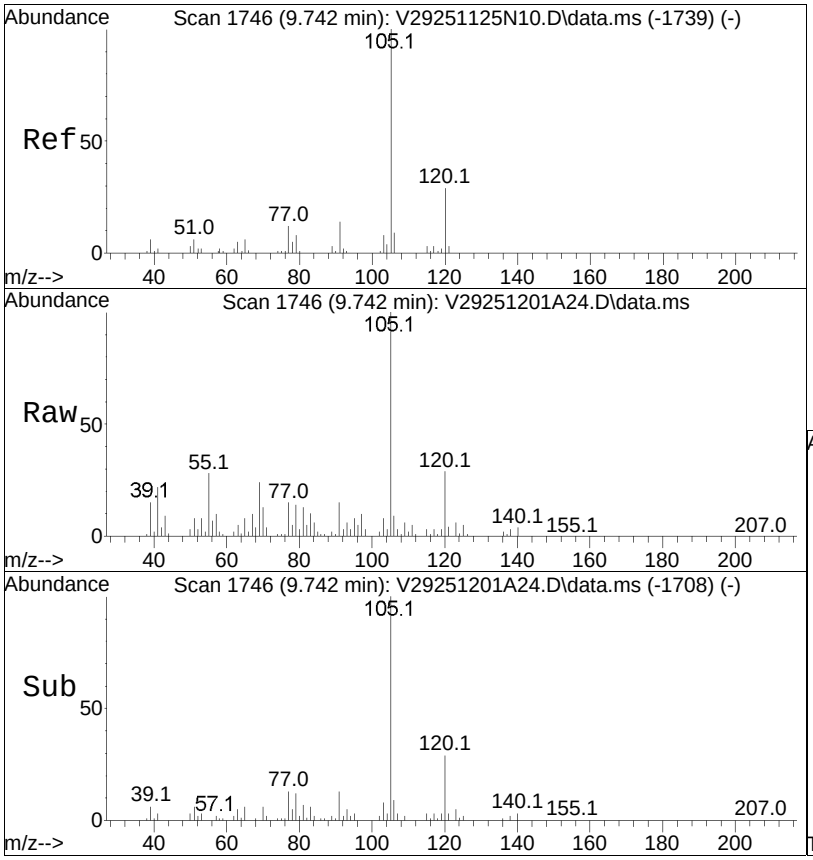


#85
n-Propylbenzene
Concen: 26.33 ug/L
RT: 9.674 min Scan# 1733
Delta R.T. 0.000 min
Lab File: V29251201A24.D
Acq: 01 Dec 2025 04:30 pm

Tgt Ion: 91 Resp: 645382

Ion	Ratio	Lower	Upper
91	100		
120	22.3	17.0	25.6

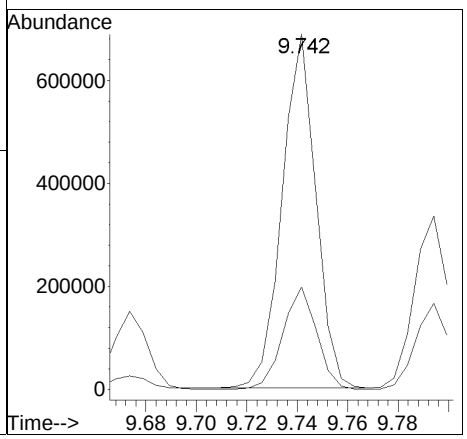


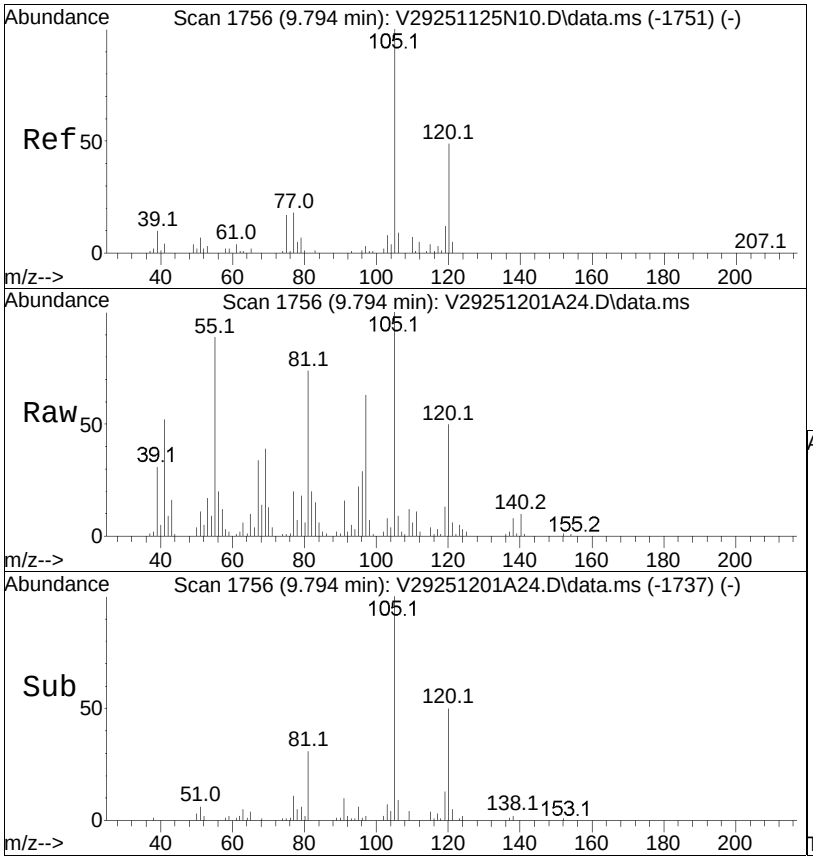


#88
4-Ethyltoluene
Concen: 31.89 ug/L
RT: 9.742 min Scan# 1746
Delta R.T. 0.000 min
Lab File: V29251201A24.D
Acq: 01 Dec 2025 04:30 pm

Tgt Ion:105 Resp: 638328

Ion	Ratio	Lower	Upper
105	100		
120	28.8	18.1	37.7

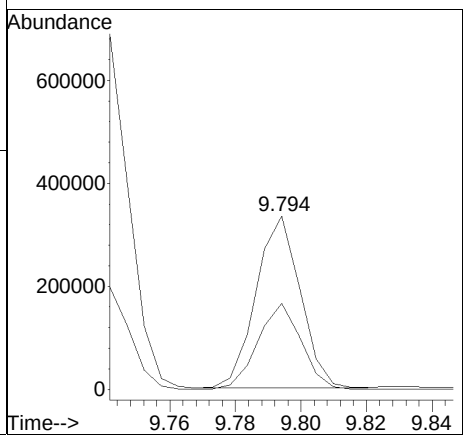


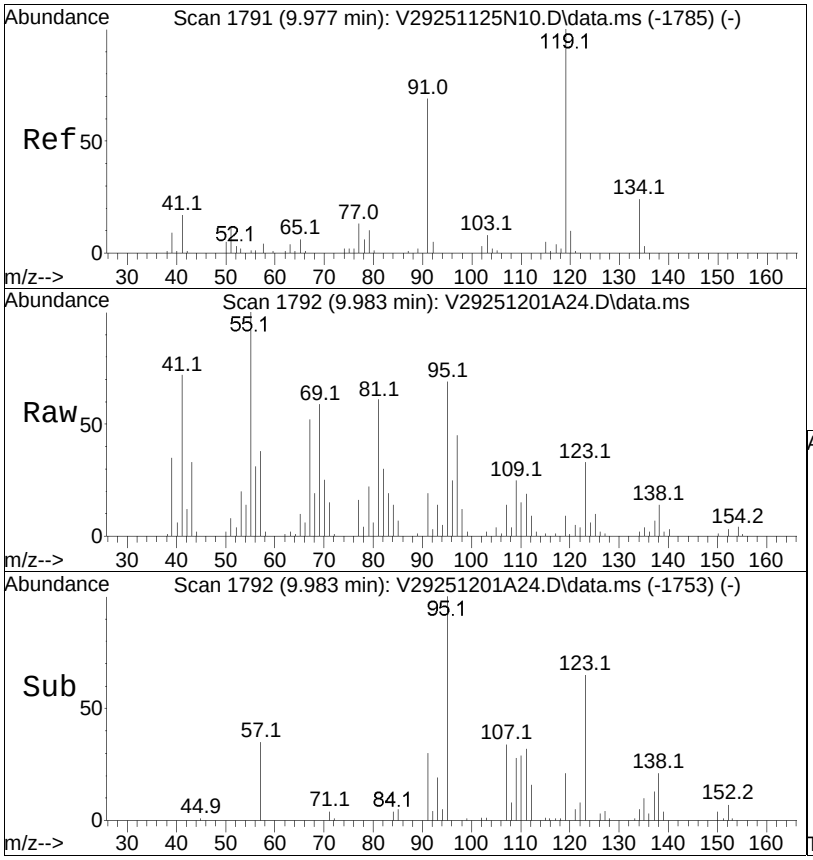


#90
1,3,5-Trimethylbenzene
Concen: 17.68 ug/L
RT: 9.794 min Scan# 1756
Delta R.T. 0.000 min
Lab File: V29251201A24.D
Acq: 01 Dec 2025 04:30 pm

Tgt Ion:105 Resp: 313450

Ion	Ratio	Lower	Upper
105	100		
120	49.2	34.8	52.2

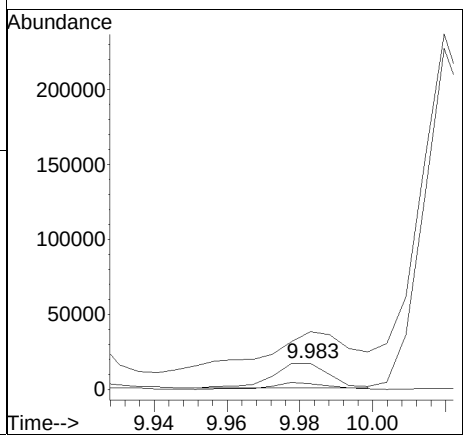


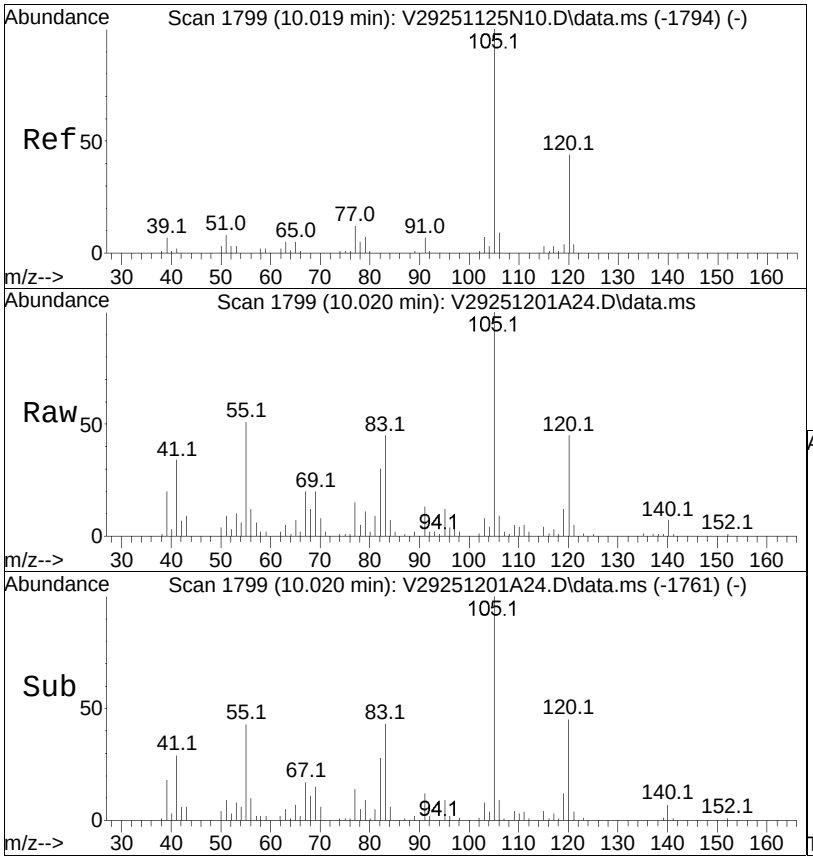


#94
tert-Butylbenzene
Concen: 1.19 ug/L
RT: 9.983 min Scan# 1792
Delta R.T. 0.005 min
Lab File: V29251201A24.D
Acq: 01 Dec 2025 04:30 pm

Tgt Ion:119 Resp: 18131

Ion	Ratio	Lower	Upper
119	100		
91	256.1	51.4	77.2#
134	27.7	18.3	27.5#

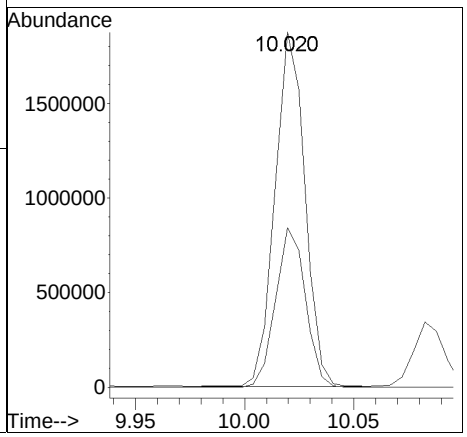


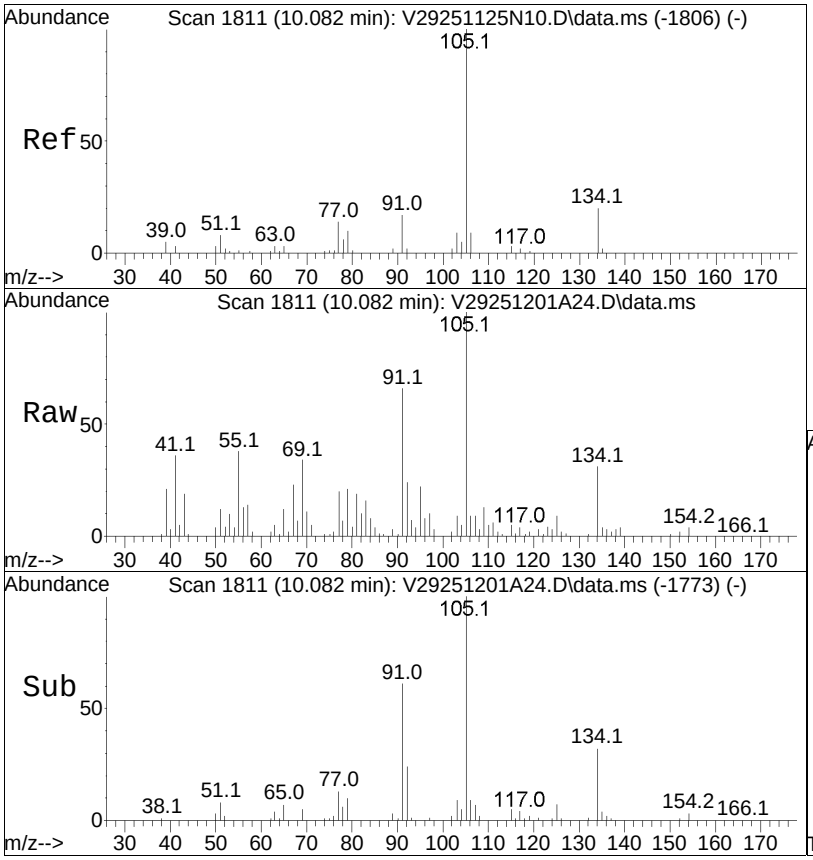


#97
1,2,4-Trimethylbenzene
Concen: 102.25 ug/L
RT: 10.020 min Scan# 1799
Delta R.T. 0.000 min
Lab File: V29251201A24.D
Acq: 01 Dec 2025 04:30 pm

Tgt Ion:105 Resp: 1779632

Ion	Ratio	Lower	Upper
105	100		
120	44.9	33.4	50.0

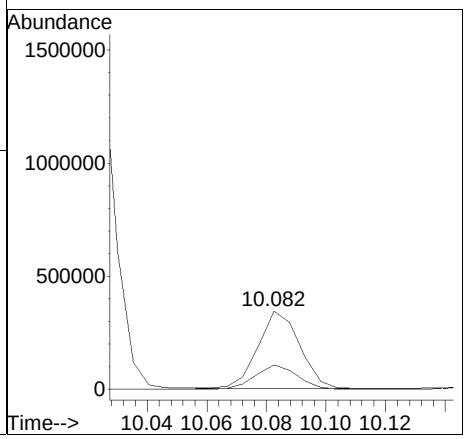


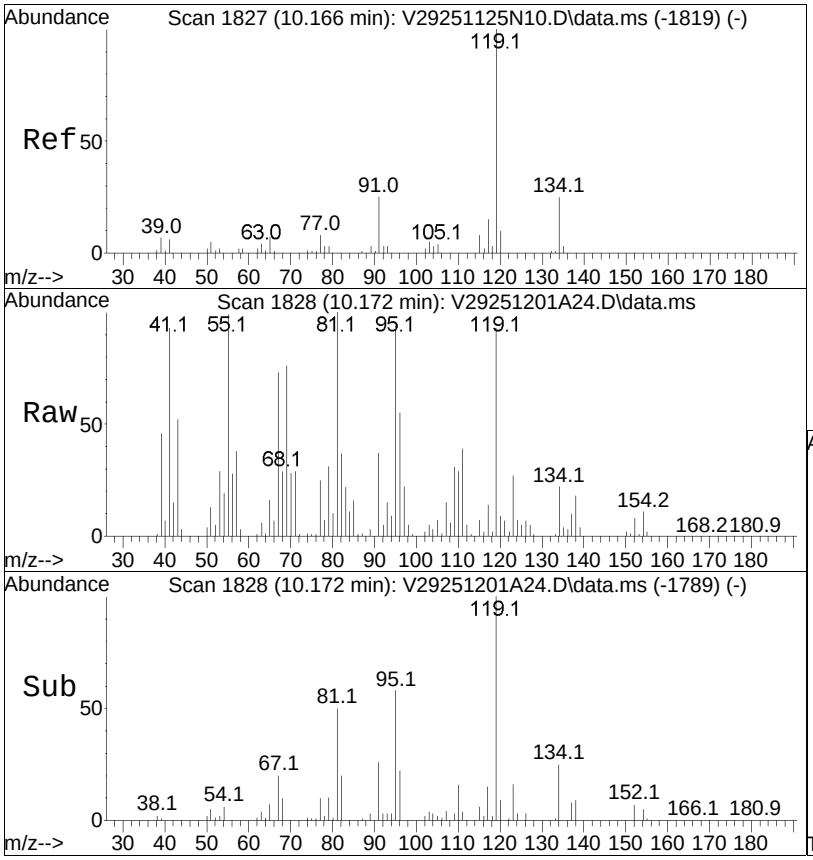


#98
sec-Butylbenzene
Concen: 14.86 ug/L
RT: 10.082 min Scan# 1811
Delta R.T. 0.000 min
Lab File: V29251201A24.D
Acq: 01 Dec 2025 04:30 pm

Tgt Ion:105 Resp: 332688

Ion	Ratio	Lower	Upper
105	100		
134	32.0	12.5	26.1#

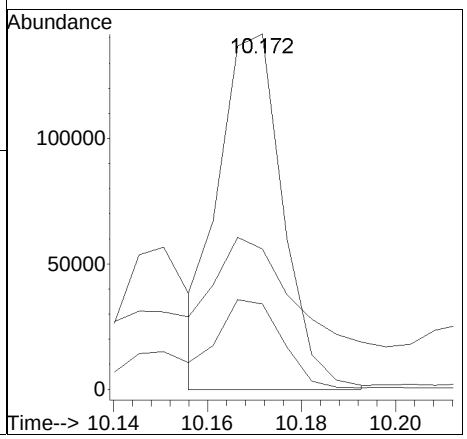


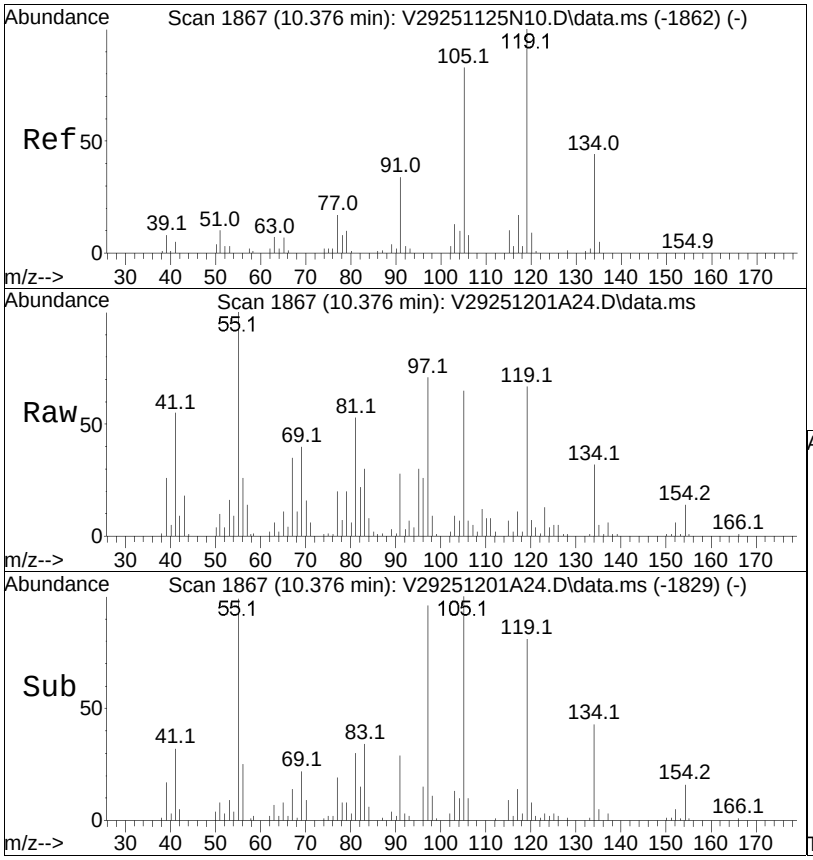


#99
p-Isopropyltoluene
Concen: 6.98 ug/L M6
RT: 10.172 min Scan# 1828
Delta R.T. 0.005 min
Lab File: V29251201A24.D
Acq: 01 Dec 2025 04:30 pm

Tgt Ion:119 Resp: 133560

Ion	Ratio	Lower	Upper
119	100		
134	36.4	16.1	33.3#
91	60.5	17.3	35.9#

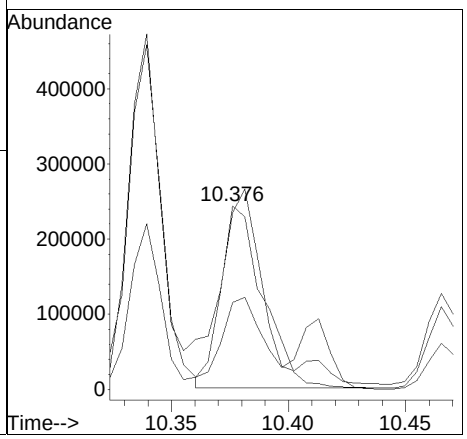


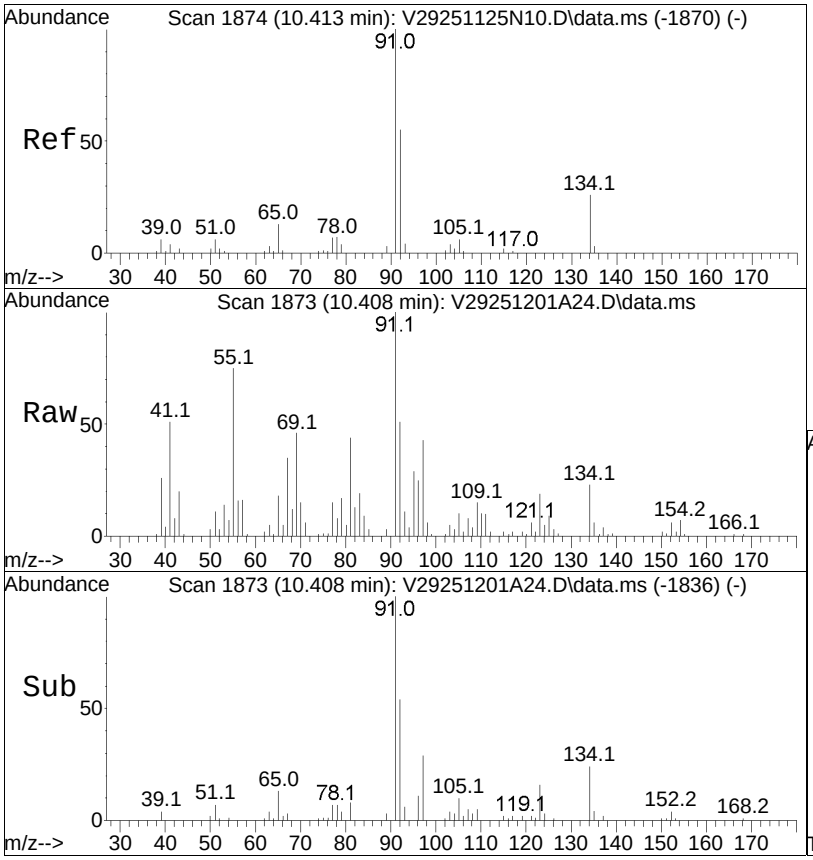


#102
p-Diethylbenzene
Concen: 27.00 ug/L
RT: 10.376 min Scan# 1867
Delta R.T. 0.000 min
Lab File: V29251201A24.D
Acq: 01 Dec 2025 04:30 pm

Tgt Ion:119 Resp: 304819

Ion	Ratio	Lower	Upper
119	100		
105	92.1	59.5	123.7
134	51.5	30.2	62.6

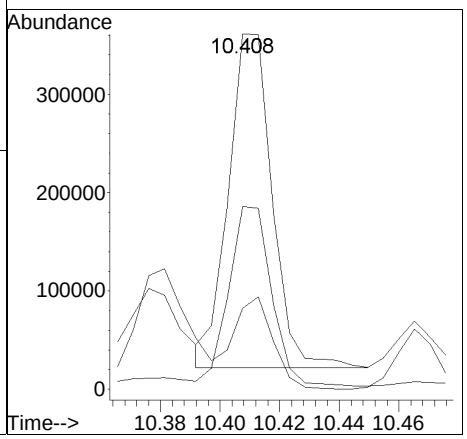


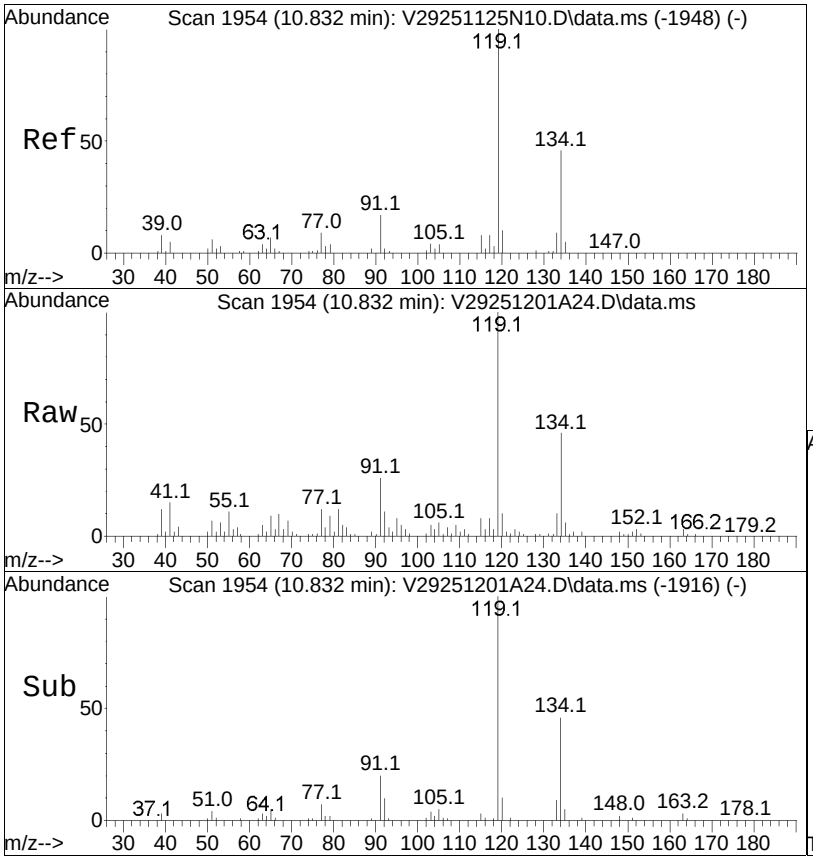


#103
n-Butylbenzene
Concen: 19.31 ug/L
RT: 10.408 min Scan# 1873
Delta R.T. -0.005 min
Lab File: V29251201A24.D
Acq: 01 Dec 2025 04:30 pm

Tgt Ion: 91 Resp: 345809

Ion	Ratio	Lower	Upper
91	100		
92	52.2	43.0	64.4
134	25.2	19.6	29.4

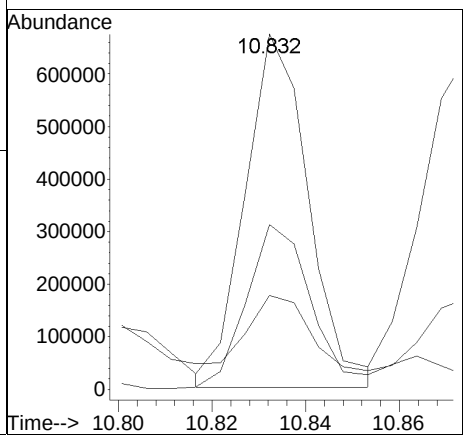


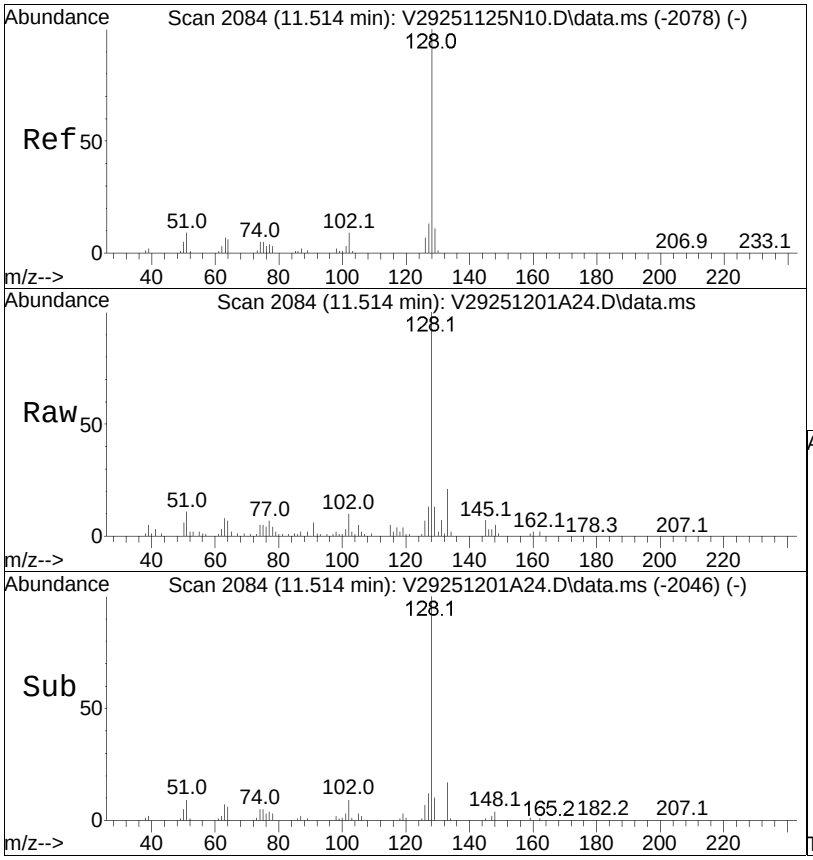


#105
1,2,4,5-Tetramethylbenzene
Concen: 34.89 ug/L
RT: 10.832 min Scan# 1954
Delta R.T. 0.000 min
Lab File: V29251201A24.D
Acq: 01 Dec 2025 04:30 pm

Tgt Ion:119 Resp: 629425

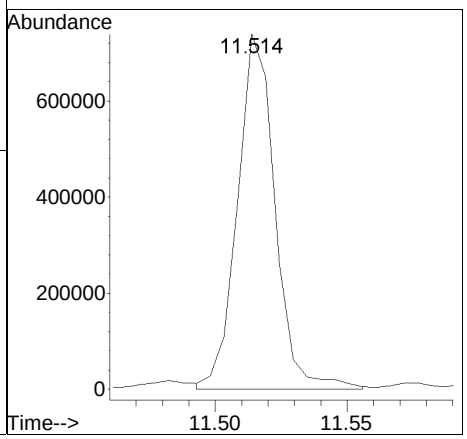
Ion	Ratio	Lower	Upper
119	100		
134	48.0	30.5	63.3
91	21.7	12.4	25.7





#110
Naphthalene
Concen: 57.82 ug/L M6
RT: 11.514 min Scan# 2084
Delta R.T. 0.000 min
Lab File: V29251201A24.D
Acq: 01 Dec 2025 04:30 pm

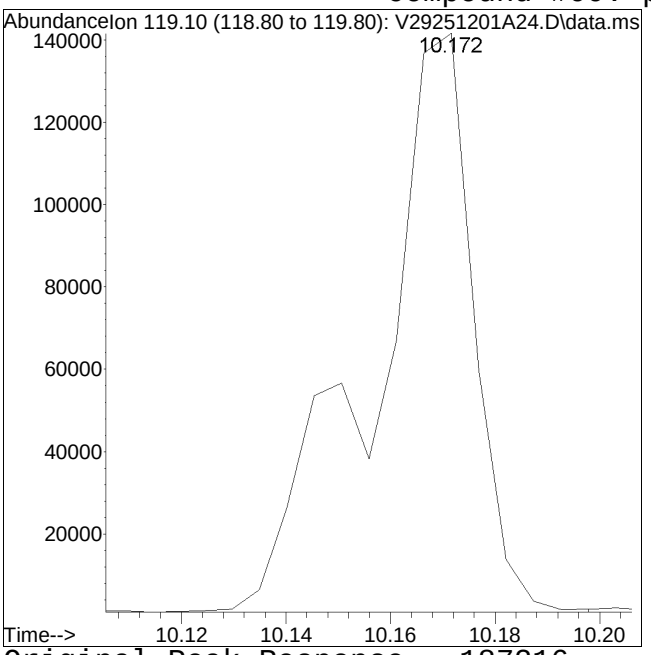
Tgt Ion:128 Resp: 733360



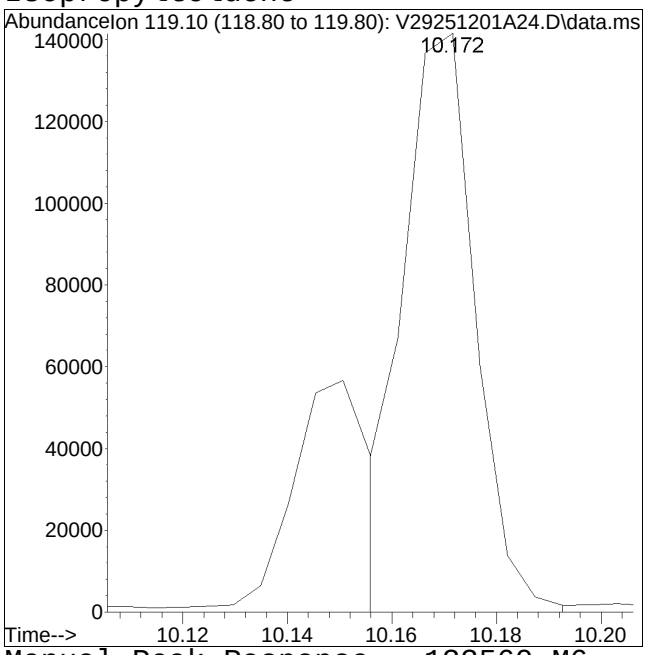
Manual Integration Report

Data Path : K:\VOA129\2025\251201A\ QMethod : V129_251125N_8260.m
Data File : V29251201A24.D Operator : VOA129:JIC
Date Inj'd : 12/1/2025 4:30 pm Instrument : VOA 129
Sample : L2574258-10,31H,6.27,5,0.1Quant Date : 12/2/2025 7:54 am

Compound #99: p-Isopropyltoluene



Original Peak Response = 187216



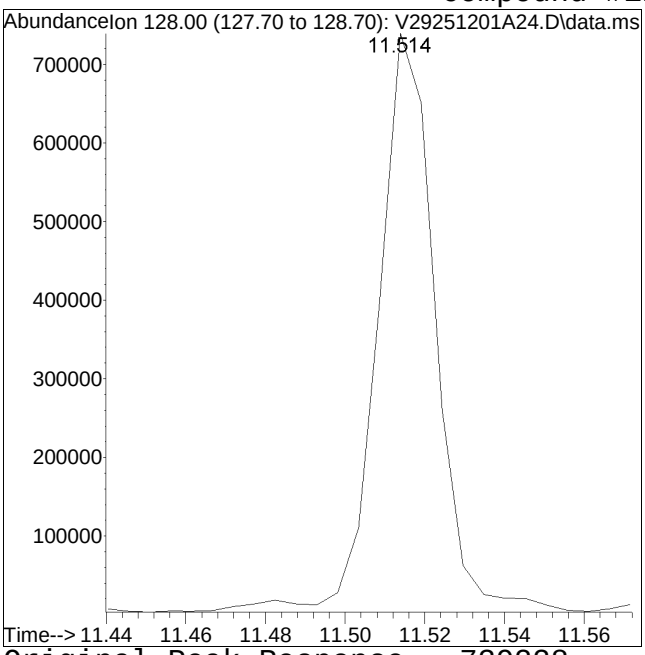
Manual Peak Response = 133560 M6

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

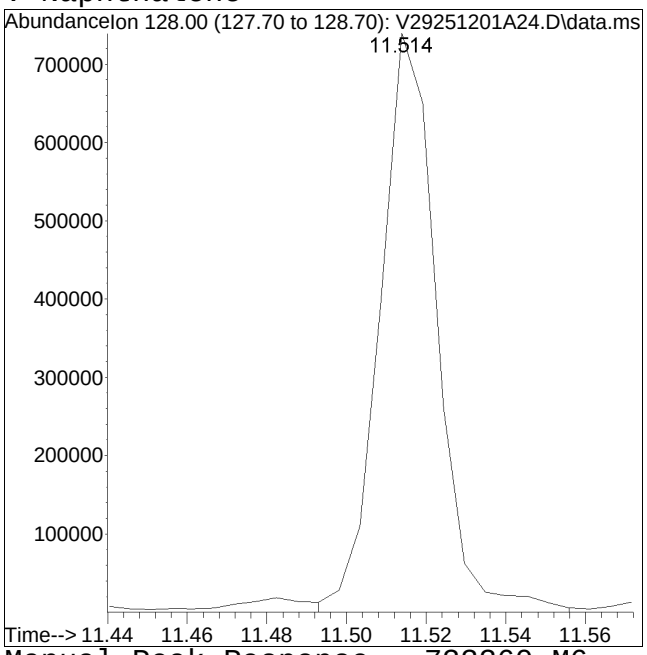
Manual Integration Report

Data Path : K:\VOA129\2025\251201A\ QMethod : V129_251125N_8260.m
Data File : V29251201A24.D Operator : VOA129:JIC
Date Inj'd : 12/1/2025 4:30 pm Instrument : VOA 129
Sample : L2574258-10,31H,6.27,5,0.1Quant Date : 12/2/2025 7:54 am

Compound #110: Naphthalene



Original Peak Response = 739228



Manual Peak Response = 733360 M6

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

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2574258**
Project Name	**: 545-547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391**
Instrument ID	**: VOA110**	**Ical Ref**	**: ICAL22640**
Calibration dates	**: 09/15/25 14:50 09/15/25 19:48**		

Calibration Files

L0 =V10250915A03.D L1 =V10250915A05.D L1.5=V10250915A07.D L2 =V10250915A08.D L3 =V10250915A10.D

L4 =V10250915A11.D L6 =V10250915A12.D L7 =V10250915A13.D L8 =V10250915A14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluoromethane		0.177	0.207	0.221	0.256	0.261	0.240	0.257	0.248	0.233	12.67
3)	TP	Chloromethane		0.291	0.313	0.288	0.263	0.255	0.239	0.256	0.245	0.269	9.57
4)	TP	Vinyl chloride		0.261	0.335	0.283	0.327	0.326	0.301	0.322	0.305	0.307	8.26
5)	TP	Bromomethane		0.338	0.338	0.307	0.293	0.267	0.235	0.247	0.238	0.283	15.04
6)	TP	Chloroethane		0.226	0.243	0.224	0.228	0.228	0.226	0.259	0.199	0.229	7.48
7)	TP	Trichlorofluoromethane		0.319	0.381	0.364	0.452	0.471	0.443	0.489	0.474	0.424	14.52
8)	TP	Ethyl ether		0.197	0.213	0.197	0.191	0.194	0.192	0.203	0.195	0.198	3.62
10)	TP	1,1-Dichloroethene		0.244	0.280	0.243	0.265	0.266	0.247	0.271	0.260	0.259	5.23
11)	TP	Carbon disulfide		0.934	1.080	0.901	0.959	0.966	0.900	0.991	0.938	0.958	6.04
12)	TP	Freon-113			0.189	0.185	0.248	0.276	0.255	0.289	0.276	0.245	17.18
14)	TP	Acrolein		0.209	0.139	0.087	0.064	0.058	0.062	0.060	0.057	*L	0.9987
15)	TP	Methylene chloride		0.373	0.323	0.283	0.251	0.246	0.235	0.253	0.244	0.276	17.54
17)	TP	Acetone		0.252	0.227	0.138	0.101	0.096	0.100	0.101	0.099	*L	0.9988
18)	TP	trans-1,2-Dichloroethene		0.250	0.256	0.231	0.240	0.249	0.237	0.257	0.249	0.246	3.82
19)	TP	Methyl acetate			0.169	0.158	0.152	0.159	0.169	0.175	0.169	0.164	4.95
20)	TP	Methyl tert-butyl ether		0.697	0.723	0.745	0.732	0.761	0.779	0.830	0.812	0.760	5.96
21)	TP	tert-Butyl alcohol		0.058	0.043	0.047	0.040	0.039	0.039	0.041	0.040	0.043	15.06
22)	TP	Diisopropyl ether		0.627	0.669	0.658	0.658	0.673	0.682	0.732	0.708	0.676	4.78
23)	TP	1,1-Dichloroethane		0.430	0.477	0.437	0.435	0.437	0.412	0.450	0.430	0.439	4.31
24)	TP	Halothane		0.139	0.196	0.163	0.176	0.183	0.177	0.197	0.190	0.177	10.89
25)	TP	Acrylonitrile		0.082	0.085	0.082	0.084	0.084	0.085	0.090	0.088	0.085	3.38
26)	TP	Ethyl tert-butyl ether		0.648	0.710	0.674	0.678	0.714	0.724	0.787	0.768	0.713	6.63
27)	TP	Vinyl acetate			0.459	0.455	0.429	0.461	0.502	0.532	0.526	0.481	8.19
28)	TP	cis-1,2-Dichloroethene		0.254	0.295	0.276	0.268	0.271	0.261	0.280	0.268	0.272	4.62
29)	TP	2,2-Dichloropropane		0.405	0.400	0.345	0.355	0.365	0.345	0.378	0.364	0.370	6.24
30)	TP	Bromochloromethane		0.134	0.152	0.130	0.126	0.127	0.124	0.130	0.124	0.131	7.03
31)	TP	Cyclohexane		0.268	0.273	0.259	0.347	0.391	0.370	0.428	0.413	0.344	19.91
32)	TP	Chloroform		0.544	0.524	0.467	0.407	0.417	0.405	0.435	0.416	0.452	12.11
33)	TP	Ethyl acetate			0.240	0.225	0.211	0.228	0.242	0.257	0.250	0.236	6.71
34)	TP	Carbon tetrachloride		0.246	0.322	0.270	0.322	0.345	0.334	0.370	0.362	0.321	13.45
35)	TP	Tetrahydrofuran		0.127	0.091	0.092	0.081	0.085	0.082	0.085	0.082	0.091	16.82
36)	S	Dibromofluoromethane	0.273	0.280	0.282	0.272	0.269	0.269	0.260	0.256	0.259	0.269	3.34
37)	TP	1,1,1-Trichloroethane	0.301	0.313	0.374	0.325	0.358	0.372	0.354	0.391	0.374	0.351	8.89
39)	TP	2-Butanone			0.087	0.079	0.089	0.099	0.108	0.113	0.110	0.098	13.59
40)	TP	1,1-Dichloropropene	0.279	0.273	0.302	0.249	0.286	0.313	0.303	0.335	0.321	0.296	9.02

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2574258**
Project Name	**: 545-547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391**
Instrument ID	**: VOA110**	**Ical Ref**	**: ICAL22640**
Calibration dates	**: 09/15/25 14:50 09/15/25 19:48**		

Calibration Files

L0 =V10250915A03.D L1 =V10250915A05.D L1.5=V10250915A07.D L2 =V10250915A08.D L3 =V10250915A10.D

L4 =V10250915A11.D L6 =V10250915A12.D L7 =V10250915A13.D L8 =V10250915A14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
41)	TP	Benzene	0.875	0.850	0.999	0.881	0.919	0.942	0.923	1.005	0.958	0.928	5.80
42)	TP	tert-Amyl methyl ether		0.668	0.672	0.639	0.681	0.710	0.715	0.784	0.767	0.704	7.13
43)	S	1,2-Dichloroethane-d4	0.279	0.283	0.274	0.276	0.267	0.271	0.272	0.273	0.277	0.275	1.69
44)	TP	1,2-Dichloroethane		0.299	0.341	0.306	0.304	0.305	0.305	0.321	0.310	0.311	4.35
47)	TP	Methyl cyclohexane			0.241	0.258	0.351	0.430	0.415	0.484	0.471	*L	0.9964
48)	TP	Trichloroethene	0.238	0.245	0.255	0.226	0.238	0.249	0.242	0.270	0.256	0.247	5.18
50)	TP	Dibromomethane		0.155	0.176	0.145	0.151	0.151	0.153	0.161	0.156	0.156	5.95
51)	TP	1,2-Dichloropropane		0.246	0.251	0.236	0.227	0.241	0.235	0.257	0.244	0.242	3.92
53)	TP	2-Chloroethyl vinyl ether										0.000#	-1.00
54)	TP	Bromodichloromethane	0.340	0.300	0.350	0.339	0.323	0.338	0.329	0.358	0.338	0.335	4.93
57)	TP	1,4-Dioxane		0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003#	16.59
58)	TP	cis-1,3-Dichloropropene	0.347	0.328	0.354	0.368	0.375	0.408	0.399	0.433	0.417	0.381	9.24
59)	I	Chlorobenzene-d5	----------ISTD----------										
60)	S	Toluene-d8	1.209	1.217	1.217	1.231	1.237	1.264	1.233	1.237	1.259	1.234	1.50
61)	TP	Toluene		0.700	0.761	0.709	0.722	0.765	0.746	0.832	0.788	0.753	5.83
62)	TP	4-Methyl-2-pentanone		0.084	0.096	0.097	0.112	0.123	0.125	0.133	0.129	0.112	16.09
63)	TP	Tetrachloroethene	0.237	0.264	0.319	0.253	0.285	0.317	0.309	0.351	0.337	0.297	13.27
65)	TP	trans-1,3-Dichloropropene		0.381	0.401	0.396	0.422	0.455	0.457	0.493	0.473	0.435	9.30
67)	TP	Ethyl methacrylate		0.332	0.348	0.337	0.366	0.403	0.409	0.430	0.418	0.380	10.29
68)	TP	1,1,2-Trichloroethane		0.185	0.228	0.204	0.213	0.227	0.225	0.238	0.229	0.219	7.78
69)	TP	Chlorodibromomethane	0.257	0.313	0.316	0.296	0.310	0.332	0.336	0.368	0.356	0.320	10.34
70)	TP	1,3-Dichloropropane		0.422	0.445	0.435	0.444	0.465	0.473	0.501	0.480	0.458	5.70
71)	TP	1,2-Dibromoethane	0.207	0.243	0.253	0.267	0.266	0.286	0.290	0.307	0.298	0.269	11.63
72)	TP	2-Hexanone		0.270	0.233	0.192	0.199	0.208	0.216	0.225	0.216	0.220	11.00
73)	TP	Chlorobenzene	0.850	0.732	0.917	0.841	0.822	0.897	0.866	0.947	0.906	0.864	7.37
74)	TP	Ethylbenzene		1.407	1.540	1.257	1.334	1.476	1.423	1.592	1.512	1.443	7.68
75)	TP	1,1,1,2-Tetrachloroethane	0.265	0.266	0.308	0.296	0.301	0.333	0.331	0.364	0.345	0.312	10.95
76)	TP	p/m Xylene	0.568	0.537	0.573	0.523	0.548	0.601	0.587	0.646	0.620	0.578	6.91
77)	TP	o Xylene	0.554	0.509	0.577	0.543	0.548	0.601	0.585	0.638	0.616	0.575	6.99
78)	TP	Styrene	0.871	0.859	0.904	0.911	0.918	1.033	1.012	1.123	1.088	0.969	10.06
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform		0.362	0.331	0.347	0.365	0.412	0.431	0.474	0.461	0.398	13.63
82)	TP	Isopropylbenzene		2.310	2.574	2.054	2.287	2.612	2.516	2.908	2.750	2.501	10.98
83)	S	4-Bromofluorobenzene	0.851	0.840	0.859	0.842	0.856	0.822	0.817	0.833	0.829	0.839	1.76
84)	TP	Bromobenzene		0.665	0.664	0.650	0.631	0.685	0.667	0.744	0.696	0.675	5.08
85)	TP	n-Propylbenzene		2.650	2.955	2.472	2.724	3.040	2.867	3.303	3.106	2.890	9.29

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2574258**
Project Name	**: 545-547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391**
Instrument ID	**: VOA110**	**Ical Ref**	**: ICAL22640**
Calibration dates	**: 09/15/25 14:50 09/15/25 19:48**		

Calibration Files

L0 =V10250915A03.D L1 =V10250915A05.D L1.5=V10250915A07.D L2 =V10250915A08.D L3 =V10250915A10.D

L4 =V10250915A11.D L6 =V10250915A12.D L7 =V10250915A13.D L8 =V10250915A14.D

	Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
86) TP	1,4-Dichlorobutane		0.911	0.857	0.806	0.798	0.831	0.805	0.875	0.847	0.841	4.67
87) TP	1,1,2,2-Tetrachloroethane	0.684	0.674	0.671	0.644	0.671	0.705	0.686	0.717	0.688	0.682	3.09
88) TP	4-Ethyltoluene		2.415	2.690	2.211	2.361	2.634	2.515	2.886	2.711	2.553	8.58
89) TP	2-Chlorotoluene		1.651	1.925	1.701	1.644	1.812	1.704	1.914	1.801	1.769	6.28
90) TP	1,3,5-Trimethylbenzene		1.989	2.193	1.924	2.025	2.256	2.189	2.481	2.370	2.178	8.83
91) TP	1,2,3-Trichloropropane		0.531	0.535	0.526	0.533	0.559	0.554	0.587	0.574	0.550	4.05
92) TP	trans-1,4-Dichloro-2-b...		0.209	0.200	0.188	0.190	0.201	0.195	0.209	0.194	0.198	4.10
93) TP	4-Chlorotoluene		1.764	1.955	1.834	1.744	1.922	1.801	2.001	1.885	1.863	4.98
94) TP	tert-Butylbenzene		1.629	1.930	1.556	1.746	2.000	1.918	2.193	2.081	1.882	11.76
97) TP	1,2,4-Trimethylbenzene		1.903	2.178	1.938	2.003	2.272	2.164	2.419	2.313	2.149	8.67
98) TP	sec-Butylbenzene		2.392	2.671	2.150	2.519	2.945	2.804	3.209	3.084	2.722	13.21
99) TP	p-Isopropyltoluene		2.078	2.460	2.005	2.260	2.642	2.504	2.855	2.748	2.444	12.62
100) TP	1,3-Dichlorobenzene		1.218	1.339	1.203	1.225	1.358	1.295	1.436	1.361	1.304	6.42
101) TP	1,4-Dichlorobenzene		1.345	1.432	1.283	1.263	1.383	1.311	1.438	1.364	1.352	4.78
102) TP	p-Diethylbenzene		1.279	1.490	1.241	1.344	1.589	1.494	1.732	1.647	1.477	11.99
103) TP	n-Butylbenzene		1.886	2.042	1.645	1.912	2.225	2.091	2.385	2.303	2.061	11.85
104) TP	1,2-Dichlorobenzene		1.152	1.234	1.208	1.192	1.308	1.233	1.368	1.291	1.248	5.58
105) TP	1,2,4,5-Tetramethylben...		2.056	2.284	2.081	2.199	2.517	2.379	2.714	2.610	2.355	10.34
106) TP	1,2-Dibromo-3-chloropr...		0.112	0.106	0.136	0.133	0.141	0.146	0.161	0.156	0.136	14.30
107) TP	1,3,5-Trichlorobenzene		0.914	0.929	0.886	0.913	0.999	0.964	1.078	1.020	0.963	6.78
108) TP	Hexachlorobutadiene		0.345	0.406	0.341	0.389	0.468	0.449	0.533	0.507	0.430	16.60
109) TP	1,2,4-Trichlorobenzene		0.841	0.813	0.818	0.838	0.901	0.858	0.953	0.912	0.867	5.74
110) TP	Naphthalene		2.291	2.167	2.233	2.330	2.391	2.343	2.543	2.442	2.343	5.05
111) TP	1,2,3-Trichlorobenzene		0.753	0.792	0.858	0.831	0.863	0.827	0.932	0.889	0.843	6.58

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2574258**
Project Name	**: 545-547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391**
Instrument ID	**: VOA100**	**Ical Ref**	**: ICAL22760**
Calibration dates	**: 10/23/25 15:36 10/23/25 19:04**		

Calibration Files
0.5 =V00251023IICAL03.D 1.0 =V00251023IICAL04.D 2.0 =V00251023IICAL05.D 4.0 =V00251023IICAL06.D
20 =V00251023IICAL07.D 40 =V00251023IICAL08.D 100 =V00251023IICAL09.D 200 =V00251023IICAL10.D
300 =V00251023IICAL11.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluoromethane		0.214	0.305	0.423	0.253	0.318	0.288	0.301	0.304	0.301	19.93
3)	TP	Chloromethane		0.367	0.420	0.418	0.290	0.310	0.285	0.290	0.288	0.333	17.80
4)	TP	Vinyl chloride		0.421	0.577	0.600	0.405	0.455	0.412	0.409	0.407	0.461	17.51
5)	TP	Bromomethane			0.724	0.666	0.488	0.483	0.417	0.413	0.411	*L	0.9985
6)	TP	Chloroethane		0.373	0.480	0.436	0.318	0.351	0.335	0.347	0.308	0.369	16.24
7)	TP	Trichlorofluoromethane			0.451	0.571	0.369	0.475	0.492	0.576	0.628	0.509	17.40
8)	TP	Ethyl ether		0.176	0.200	0.197	0.155	0.162	0.157	0.170	0.177	0.174	9.76
10)	TP	1,1-Dichloroethene		0.236	0.331	0.326	0.228	0.265	0.249	0.261	0.271	0.271	14.15
11)	TP	Carbon disulfide		2.833	2.121	1.612	0.904	0.954	0.868	0.906	0.946	*L	0.9978
12)	TP	Freon-113			0.216	0.322	0.195	0.264	0.247	0.268	0.283	0.256	16.40
14)	TP	Acrolein		0.028	0.044	0.044	0.035	0.038	0.038	0.039	0.042	0.038	14.00
15)	TP	Methylene chloride				0.431	0.317	0.315	0.291	0.303	0.310	0.328	15.66
17)	TP	Acetone			0.201	0.182	0.142	0.138	0.125	0.128	0.136	0.150	19.48
18)	TP	trans-1,2-Dichloroethene		0.307	0.389	0.365	0.281	0.302	0.289	0.306	0.316	0.319	11.86
19)	TP	Methyl acetate		0.200	0.220	0.173	0.149	0.160	0.156	0.167	0.175	0.175	13.59
20)	TP	Methyl tert-butyl ether		0.865	0.945	0.922	0.761	0.817	0.814	0.861	0.888	0.859	7.06
21)	TP	tert-Butyl alcohol		0.035	0.036	0.034	0.026	0.033	0.030	0.031	0.032	0.032	9.83
22)	TP	Diisopropyl ether		0.854	0.989	0.908	0.756	0.834	0.836	0.879	0.902	0.870	7.82
23)	TP	1,1-Dichloroethane		0.526	0.692	0.650	0.488	0.522	0.498	0.518	0.523	0.552	13.68
24)	TP	Halothane		0.215	0.262	0.272	0.188	0.224	0.220	0.229	0.237	0.231	11.54
25)	TP	Acrylonitrile		0.067	0.092	0.090	0.081	0.085	0.082	0.085	0.089	0.084	9.25
26)	TP	Ethyl tert-butyl ether		0.777	0.860	0.811	0.705	0.789	0.781	0.842	0.890	0.807	7.14
27)	TP	Vinyl acetate		0.546	0.617	0.637	0.535	0.619	0.662	0.715	0.761	0.637	12.10
28)	TP	cis-1,2-Dichloroethene		0.336	0.402	0.405	0.313	0.334	0.325	0.338	0.345	0.350	9.85
29)	TP	2,2-Dichloropropane		0.452	0.536	0.523	0.379	0.436	0.419	0.443	0.451	0.455	11.42
31)	TP	Bromochloromethane		0.174	0.201	0.201	0.158	0.167	0.159	0.163	0.168	0.174	10.12
32)	TP	Cyclohexane			0.316	0.490	0.305	0.435	0.407	0.445	0.456	0.408	17.45
33)	TP	Chloroform		0.607	0.709	0.694	0.524	0.553	0.543	0.557	0.572	0.595	11.79
34)	TP	Ethyl acetate			0.263	0.272	0.225	0.253	0.248	0.260	0.273	0.256	6.45
35)	TP	Carbon tetrachloride		0.355	0.451	0.524	0.343	0.436	0.423	0.445	0.462	0.430	13.60
36)	TP	Tetrahydrofuran			0.123	0.105	0.078	0.080	0.080	0.081	0.085	0.090	18.95
37)	S	Dibromofluoromethane	0.315	0.312	0.321	0.311	0.301	0.290	0.294	0.294	0.297	0.304	3.62
38)	TP	1,1,1-Trichloroethane	0.442	0.375	0.525	0.524	0.387	0.455	0.433	0.451	0.461	0.450	11.45
40)	TP	2-Butanone				0.125	0.098	0.109	0.110	0.111	0.118	0.112	8.20
41)	TP	1,1-Dichloropropene	0.342	0.299	0.413	0.442	0.294	0.365	0.352	0.369	0.376	0.361	13.20

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2574258**
Project Name	**: 545-547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391**
Instrument ID	**: VOA100**	**Ical Ref**	**: ICAL22760**
Calibration dates	**: 10/23/25 15:36 10/23/25 19:04**		

Calibration Files
0.5 =V00251023IICAL03.D 1.0 =V00251023IICAL04.D 2.0 =V00251023IICAL05.D 4.0 =V00251023IICAL06.D
20 =V00251023IICAL07.D 40 =V00251023IICAL08.D 100 =V00251023IICAL09.D 200 =V00251023IICAL10.D
300 =V00251023IICAL11.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
42)	TP	Benzene	1.158	1.097	1.366	1.304	1.030	1.138	1.096	1.153	1.186	1.170	8.99
43)	TP	Tertiary-Amyl Methyl Ether		0.785	0.870	0.861	0.722	0.816	0.816	0.861	0.889	0.827	6.64
44)	S	1,2-Dichloroethane	0.271	0.273	0.288	0.278	0.262	0.258	0.268	0.283	0.293	0.275	4.29
45)	TP	1,2-Dichloroethane		0.397	0.435	0.423	0.334	0.353	0.344	0.357	0.365	0.376	10.02
48)	TP	Methyl Cyclohexane				0.546	0.340	0.510	0.487	0.543	0.589	0.503	17.28
49)	TP	Trichloroethene	0.319	0.289	0.364	0.363	0.274	0.315	0.303	0.329	0.364	0.325	10.37
51)	TP	Dibromomethane		0.206	0.233	0.224	0.177	0.192	0.190	0.198	0.205	0.203	9.02
52)	TP	1,2-Dichloropropane		0.275	0.365	0.338	0.272	0.288	0.283	0.296	0.305	0.303	10.80
54)	TP	2-Chloroethylvinyl ether		0.148	0.172	0.167	0.157	0.170	0.167	0.172	0.177	0.166	5.69
55)	TP	Bromodichloromethane	0.439	0.442	0.525	0.504	0.394	0.431	0.425	0.438	0.449	0.450	8.96
58)	TP	1,4-Dioxane		0.002	0.003	0.003	0.003	0.003	0.003	0.002	0.003	0.003#	13.97
59)	TP	cis-1,3-Dichloropropene	0.454	0.480	0.558	0.533	0.450	0.487	0.485	0.507	0.522	0.497	7.25
60)	I	Chlorobenzene-d5	----------ISTD----------										
61)	S	Toluene-d8	1.203	1.220	1.197	1.218	1.243	1.214	1.210	1.190	1.184	1.209	1.47
62)	TP	Toluene		0.725	0.892	0.885	0.706	0.789	0.773	0.817	0.845	0.804	8.58
63)	TP	4-Methyl-2-pen		0.084	0.090	0.091	0.087	0.105	0.102	0.105	0.110	0.097	10.19
64)	TP	Tetrachloroethene	0.330	0.292	0.367	0.369	0.275	0.347	0.336	0.374	0.411	0.345	12.29
66)	TP	trans-1,3-Dichloropropene		0.425	0.487	0.496	0.427	0.484	0.477	0.512	0.547	0.482	8.46
68)	TP	Ethyl methacrylate		0.294	0.382	0.384	0.339	0.390	0.381	0.402	0.425	0.375	10.80
69)	TP	1,1,2-Trichloroethane		0.235	0.250	0.250	0.214	0.241	0.240	0.251	0.265	0.243	6.13
70)	TP	Chlorodibromomethane	0.351	0.325	0.375	0.385	0.342	0.385	0.382	0.401	0.410	0.373	7.53
71)	TP	1,3-Dichloropropane		0.429	0.494	0.508	0.420	0.466	0.457	0.475	0.484	0.467	6.52
72)	TP	1,2-Dibromoethane	0.254	0.272	0.279	0.311	0.268	0.291	0.292	0.308	0.315	0.288	7.28
73)	TP	2-Hexanone		0.150	0.186	0.185	0.164	0.205	0.194	0.196	0.203	0.185	10.38
74)	TP	Chlorobenzene	0.886	0.880	1.078	1.035	0.868	0.968	0.952	0.998	1.025	0.965	7.82
75)	TP	Ethylbenzene		1.445	1.695	1.692	1.360	1.582	1.561	1.631	1.681	1.581	7.77
76)	TP	1,1,1,2-Tetrachloroethane	0.286	0.287	0.358	0.354	0.311	0.360	0.364	0.380	0.389	0.343	11.27
77)	TP	p/m Xylene	0.546	0.570	0.673	0.660	0.541	0.634	0.623	0.696	0.764	0.634	11.65
78)	TP	o Xylene	0.506	0.566	0.647	0.655	0.545	0.634	0.629	0.712	0.771	0.629	13.08
79)	TP	Styrene	0.907	0.912	1.063	1.079	0.941	1.117	1.119	1.244	1.353	1.082	13.95
80)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
81)	TP	Bromoform		0.386	0.447	0.428	0.394	0.477	0.474	0.555	0.616	0.472	16.75
83)	TP	Isopropylbenzene		2.531	2.816	2.988	2.352	2.764	2.661	2.992	3.094	2.775	9.11
84)	S	4-Bromofluorobenzene	0.792	0.788	0.802	0.794	0.798	0.749	0.735	0.758	0.739	0.773	3.50
85)	TP	Bromobenzene		0.652	0.763	0.736	0.634	0.695	0.683	0.756	0.781	0.712	7.60
86)	TP	n-Propylbenzene		3.140	3.404	3.542	2.803	3.287	3.105	3.680	3.823	3.348	9.97

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2574258**
Project Name	**: 545-547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391**
Instrument ID	**: VOA100**	**Ical Ref**	**: ICAL22760**
Calibration dates	**: 10/23/25 15:36 10/23/25 19:04**		

Calibration Files
0.5 =V00251023IICAL03.D 1.0 =V00251023IICAL04.D 2.0 =V00251023IICAL05.D 4.0 =V00251023IICAL06.D
20 =V00251023IICAL07.D 40 =V00251023IICAL08.D 100 =V00251023IICAL09.D 200 =V00251023IICAL10.D
300 =V00251023IICAL11.D

	Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
87) TP	1,4-Dichlorobutane		0.757	0.815	0.797	0.697	0.775	0.726	0.849	0.910	0.791	8.65
88) TP	1,1,2,2-Tetrachloroethane	0.620	0.639	0.748	0.712	0.613	0.716	0.661	0.722	0.725	0.684	7.41
89) TP	4-Ethyltoluene		2.620	2.882	2.954	2.329	2.708	2.578	2.870	2.912	2.732	7.86
90) TP	2-Chlorotoluene		1.850	2.060	2.073	1.681	1.877	1.789	1.920	1.968	1.902	6.98
91) TP	1,3,5-Trimethylbenzene		2.311	2.444	2.454	2.008	2.331	2.173	2.486	2.635	2.355	8.32
92) TP	1,2,3-Trichloropropane		0.548	0.548	0.551	0.467	0.532	0.495	0.566	0.604	0.539	7.82
93) TP	trans-1,4-Dichloro-2-butene		0.158	0.187	0.181	0.155	0.187	0.182	0.194	0.188	0.179	8.09
94) TP	4-Chlorotoluene		1.911	2.117	2.111	1.756	1.955	1.827	2.009	2.045	1.966	6.61
95) TP	tert-Butylbenzene		1.949	2.129	2.185	1.721	2.100	1.983	2.257	2.338	2.083	9.38
98) TP	1,2,4-Trimethylbenzene		2.279	2.371	2.431	2.051	2.325	2.180	2.420	2.477	2.317	6.17
99) TP	sec-Butylbenzene		3.008	2.920	3.293	2.509	3.157	2.972	3.319	3.358	3.067	9.16
100) TP	p-Isopropyltoluene		2.626	2.640	2.883	2.229	2.760	2.597	2.938	3.019	2.712	9.20
101) TP	1,3-Dichlorobenzene		1.370	1.468	1.476	1.255	1.436	1.361	1.475	1.500	1.418	5.87
102) TP	1,4-Dichlorobenzene		1.384	1.500	1.520	1.279	1.451	1.347	1.471	1.513	1.433	6.12
103) TP	p-Diethylbenzene		1.645	1.611	1.718	1.358	1.650	1.540	1.729	1.770	1.628	8.06
104) TP	n-Butylbenzene		2.409	2.379	2.604	1.972	2.436	2.251	2.481	2.474	2.376	8.06
105) TP	1,2-Dichlorobenzene		1.291	1.316	1.387	1.176	1.347	1.264	1.375	1.411	1.321	5.82
106) TP	1,2,4,5-Tetramethylbenzene		2.436	2.298	2.479	2.126	2.489	2.355	2.619	2.760	2.445	7.94
107) TP	1,2-Dibromo-3-chloropropane		0.093	0.131	0.126	0.112	0.134	0.122	0.131	0.132	0.123	11.44
108) TP	1,3,5-Trichlorobenzene		1.078	0.967	1.037	0.868	0.990	0.938	1.017	1.049	0.993	6.85
109) TP	Hexachlorobutadiene		0.431	0.400	0.436	0.317	0.421	0.392	0.484	0.546	0.428	15.65
110) TP	1,2,4-Trichlorobenzene		0.933	0.855	0.922	0.762	0.871	0.802	0.930	1.022	0.887	9.29
111) TP	Naphthalene		2.085	2.118	2.106	1.840	2.132	1.974	2.184	2.221	2.083	5.86
112) TP	1,2,3-Trichlorobenzene		0.824	0.797	0.832	0.707	0.796	0.757	0.824	0.859	0.799	6.02

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2574258**
Project Name	**: 545-547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL22763**
Calibration dates	**: 10/24/25 13:08 10/24/25 17:34**		

Calibration Files

L11 =VG251024A03.D L1 =VG251024A05.D L2 =VG251024A07.D L3 =VG251024A09.D L4 =VG251024A10.D

L6 =VG251024A11.D L8 =VG251024A12.D L10 =VG251024A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.199	0.265	0.231	0.278	0.252	0.270	0.264	0.251	11.00
3)	TP	Chloromethane		0.359	0.380	0.360	0.350	0.336	0.343	0.341	0.352	4.26
4)	TP	Vinyl chloride	0.252	0.276	0.326	0.305	0.325	0.305	0.317	0.314	0.303	8.49
5)	TP	Bromomethane		0.239	0.232	0.222	0.204	0.195	0.209	0.212	0.216	7.18
6)	TP	Chloroethane		0.203	0.217	0.209	0.182	0.151			0.192	13.85
7)	TP	Trichlorofluor		0.304	0.365	0.336	0.390	0.365	0.393	0.303	0.351	10.66
8)	TP	Ethyl ether		0.098	0.105	0.115	0.122	0.124	0.126	0.125	0.116	9.30
10)	TP	1,1-Dichloroet		0.185	0.217	0.205	0.229	0.222	0.235	0.236	0.219	8.44
11)	TP	Carbon disulfide		0.652	0.739	0.704	0.733	0.720	0.750	0.753	0.722	4.87
12)	TP	Freon-113		0.180	0.233	0.196	0.247	0.221	0.240	0.240	0.222	11.38
13)	TP	Iodomethane			0.137	0.156	0.238	0.288	0.280	0.266	*L	0.9956
14)	TP	Acrolein			0.021	0.025	0.027	0.029	0.030	0.030	0.027	13.17
15)	TP	Methylene chlo		0.287	0.266	0.262	0.253	0.254	0.256	0.253	0.262	4.68
17)	TP	Acetone			0.040	0.044	0.049	0.053	0.055	0.055	0.049	12.75
18)	TP	trans-1,2-Dich		0.228	0.249	0.251	0.254	0.250	0.258	0.257	0.250	4.11
19)	TP	Methyl acetate			0.097	0.107	0.115	0.122	0.126	0.125	0.115	9.85
20)	TP	Methyl tert butyl ether		0.403	0.498	0.553	0.586	0.615	0.632	0.627	0.559	14.96
21)	TP	tert-Butyl alc		0.010	0.011	0.013	0.014	0.015	0.016	0.016	0.014	18.77
22)	TP	Diisopropyl ether		0.687	0.784	0.902	0.957	0.982	0.996	0.985	0.899	13.25
23)	TP	1,1-Dichloroet		0.468	0.515	0.521	0.510	0.505	0.513	0.492	0.504	3.59
24)	TP	Halothane		0.177	0.202	0.190	0.209	0.200	0.209	0.208	0.199	5.96
25)	TP	Acrylonitrile			0.052	0.057	0.062	0.065	0.066	0.066	0.061	9.16
26)	TP	Ethyl tert-but		0.490	0.589	0.695	0.766	0.804	0.823	0.831	0.714	18.28
27)	TP	Vinyl acetate			0.459	0.508	0.569	0.541	0.558	0.539	0.529	7.58
28)	TP	cis-1,2-Dichlo		0.234	0.275	0.288	0.280	0.283	0.286	0.287	0.276	6.95
29)	TP	2,2-Dichloropr		0.307	0.341	0.350	0.366	0.344	0.358	0.351	0.345	5.50
30)	TP	Bromochloromet		0.119	0.130	0.131	0.123	0.115	0.116	0.115	0.121	5.73
31)	TP	Cyclohexane			0.429	0.423	0.537	0.487	0.537	0.540	0.492	11.17
32)	TP	Chloroform		0.454	0.463	0.448	0.454	0.451	0.458	0.462	0.456	1.27
33)	TP	Ethyl acetate			0.157	0.171	0.187	0.193	0.197	0.193	0.183	8.71
34)	TP	Carbon tetrachloride	0.309	0.315	0.358	0.351	0.385	0.364	0.386	0.385	0.357	8.59
35)	TP	Tetrahydrofuran			0.057	0.056	0.059	0.059	0.059	0.056	0.058	2.50
36)	S	Dibromofluoromethane	0.267	0.281	0.271	0.259	0.261	0.257	0.255	0.260	0.264	3.29
37)	TP	1,1,1-Trichlor		0.335	0.392	0.381	0.408	0.389	0.411	0.412	0.390	6.91
39)	TP	2-Butanone			0.058	0.073	0.077	0.084	0.085	0.083	0.076	13.48

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2574258**
Project Name	**: 545-547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL22763**
Calibration dates	**: 10/24/25 13:08 10/24/25 17:34**		

Calibration Files

L11 =VG251024A03.D L1 =VG251024A05.D L2 =VG251024A07.D L3 =VG251024A09.D L4 =VG251024A10.D

L6 =VG251024A11.D L8 =VG251024A12.D L10 =VG251024A13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP	1,1-Dichloropr		0.231	0.293	0.306	0.341	0.327	0.345	0.346	0.313	13.18
41) TP	Benzene	0.884	0.827	0.959	1.026	1.045	1.034	1.061	1.062	0.987	9.00
42) TP	Tertiary-Amyl Methyl Ether		0.399	0.437	0.544	0.598	0.629	0.647	0.654	0.558	18.46
43) S	1,2-Dichloroethane-d4	0.285	0.292	0.296	0.294	0.272	0.272	0.278	0.287	0.285	3.37
44) TP	1,2-Dichloroethane	0.319	0.313	0.319	0.321	0.323	0.321	0.323	0.323	0.320	1.02
47) TP	Methyl cyclohe			0.372	0.374	0.490	0.444	0.495	0.506	0.447	13.68
48) TP	Trichloroethene	0.313	0.231	0.281	0.276	0.282	0.275	0.288	0.293	0.280	8.36
50) TP	Dibromomethane		0.124	0.124	0.131	0.134	0.136	0.138	0.135	0.132	4.37
51) TP	1,2-Dichloropr		0.256	0.282	0.286	0.288	0.289	0.291	0.290	0.283	4.35
53) TP	2-Chloroethyl			0.061	0.060	0.074	0.056	0.057	0.051	0.060	12.63
54) TP	Bromodichlorom		0.303	0.330	0.347	0.350	0.356	0.363	0.364	0.345	6.25
57) TP	1,4-Dioxane		0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.001#	17.98
58) TP	cis-1,3-Dichloropropene	0.293	0.302	0.357	0.387	0.411	0.418	0.422	0.422	0.376	14.21
59) I	Chlorobenzene-d5	----------ISTD----------									
60) S	Toluene-d8	1.302	1.258	1.284	1.289	1.294	1.288	1.277	1.297	1.286	1.07
61) TP	Toluene		0.756	0.799	0.837	0.848	0.851	0.869	0.891	0.836	5.41
62) TP	4-Methyl-2-pen			0.052	0.067	0.078	0.085	0.087	0.088	0.076	18.62
63) TP	Tetrachloroethene	0.333	0.310	0.385	0.386	0.413	0.396	0.420	0.431	0.384	11.05
65) TP	trans-1,3-Dichloropropene	0.292	0.305	0.365	0.406	0.434	0.443	0.447	0.454	0.393	16.50
67) TP	Ethyl methacry			0.210	0.257	0.295	0.317	0.322	0.330	0.289	16.16
68) TP	1,1,2-Trichlor		0.175	0.200	0.201	0.206	0.213	0.213	0.216	0.203	6.92
69) TP	Chlorodibromom		0.284	0.293	0.318	0.333	0.350	0.356	0.363	0.328	9.46
70) TP	1,3-Dichloropr		0.341	0.384	0.412	0.419	0.429	0.430	0.432	0.407	8.20
71) TP	1,2-Dibromoethane		0.216	0.218	0.232	0.245	0.250	0.252	0.252	0.238	6.64
72) TP	2-Hexanone			0.083	0.126	0.143	0.157	0.159	0.158	*L	0.9994
73) TP	Chlorobenzene		0.843	0.955	1.000	1.002	1.002	1.013	1.031	0.978	6.52
74) TP	Ethylbenzene		1.181	1.495	1.633	1.695	1.680	1.752	1.807	1.606	13.18
75) TP	1,1,1,2-Tetrac		0.293	0.330	0.353	0.368	0.375	0.382	0.390	0.356	9.55
76) TP	p/m Xylene		0.454	0.574	0.652	0.669	0.670	0.704	0.721	0.635	14.57
77) TP	o Xylene		0.455	0.559	0.643	0.656	0.662	0.685	0.697	0.623	13.89
78) TP	Styrene		0.676	0.899	1.071	1.110	1.140	1.186		1.014	18.97
79) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80) TP	Bromoform		0.282	0.296	0.329	0.307	0.371	0.380	0.379	0.335	12.41
82) TP	Isopropylbenzene		1.998	2.480	2.690	2.508	2.837	3.013		2.588	13.60
83) S	4-Bromofluorobenzene	0.817	0.813	0.824	0.780	0.676	0.791	0.781	0.776	0.782	5.97
84) TP	Bromobenzene		0.672	0.711	0.731	0.623	0.718	0.739	0.722	0.702	5.84

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2574258**
Project Name	**: 545-547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL22763**
Calibration dates	**: 10/24/25 13:08 10/24/25 17:34**		

Calibration Files
L11 =VG251024A03.D L1 =VG251024A05.D L2 =VG251024A07.D L3 =VG251024A09.D L4 =VG251024A10.D
L6 =VG251024A11.D L8 =VG251024A12.D L10 =VG251024A13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP	n-Propylbenzene		2.468	3.161	3.253	2.981	3.304	3.525		3.115	11.67
86) TP	1,4-Dichlorobu		0.702	0.770	0.790	0.700	0.823	0.839	0.823	0.778	7.38
87) TP	1,1,2,2-Tetrachloroethane	0.422	0.462	0.479	0.475	0.465	0.481	0.494	0.483	0.470	4.68
88) TP	4-Ethyltoluene		1.926	2.521	2.710	2.735	2.759	2.939		2.598	13.67
89) TP	2-Chlorotoluene		1.605	1.940	1.991	1.921	1.948	2.062	2.023	1.927	7.82
90) TP	1,3,5-Trimethy		1.666	2.144	2.315	2.394	2.371	2.531	2.505	2.275	13.07
91) TP	1,2,3-Trichlor		0.399	0.392	0.366	0.382	0.395	0.402	0.398	0.391	3.22
92) TP	trans-1,4-Dich		0.108	0.128	0.136	0.141	0.151	0.154	0.152	0.138	11.99
93) TP	4-Chlorotoluene		1.617	1.820	2.001	2.064	2.048	2.131	2.123	1.972	9.54
94) TP	tert-Butylbenzene		1.338	1.835	1.957	2.150	2.029	2.184	2.162	1.951	15.29
97) TP	1,2,4-Trimethy		1.390	1.823	2.166	2.282	2.298	2.440	2.411	2.116	17.98
98) TP	sec-Butylbenzene		1.861	2.608	2.886	3.153	3.009	3.260		2.796	18.28
99) TP	p-Isopropyltol		1.458	2.136	2.466	2.701	2.598	2.800		*L	0.9986
100) TP	1,3-Dichlorobe		1.150	1.343	1.417	1.432	1.433	1.477	1.484	1.391	8.33
101) TP	1,4-Dichlorobe		1.236	1.385	1.403	1.408	1.423	1.466	1.472	1.399	5.63
102) TP	p-Diethylbenzene			1.140	1.372	1.527	1.491	1.622	1.636	1.464	12.69
103) TP	n-Butylbenzene		1.107	1.714	1.930	2.119	2.080	2.295	2.223	*L	0.9986
104) TP	1,2-Dichlorobe		1.028	1.181	1.270	1.278	1.273	1.316	1.304	1.236	8.18
105) TP	1,2,4,5-Tetram			1.099	1.350	1.592	1.719	1.910	1.967	*L	0.9957
106) TP	1,2-Dibromo-3-		0.049	0.062	0.070	0.065	0.081	0.083	0.081	0.070	17.66
107) TP	1,3,5-Trichlor		0.588	0.704	0.782	0.732	0.821	0.851	0.827	0.758	12.08
108) TP	Hexachlorobuta		0.256	0.322	0.308	0.304	0.329	0.353	0.343	0.316	10.11
109) TP	1,2,4-Trichlor		0.372	0.442	0.517	0.506	0.599	0.619	0.600	0.522	17.58
110) TP	Naphthalene		0.425	0.488	0.653	0.711	0.925	0.993		*Q	0.9991
111) TP	1,2,3-Trichlor		0.256	0.297	0.361	0.353	0.434	0.435	0.401	0.362#	18.68

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2574258**
Project Name	**: 545-547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391**
Instrument ID	**: VOA123**	**Ical Ref**	**: ICAL22792**
Calibration dates	**: 11/03/25 20:17 11/04/25 00:11**		

Calibration Files

L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D

L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluoromethane	0.144	0.195	0.238	0.226	0.243	0.232	0.241		0.244	0.220	15.69
3)	TP	Chloromethane	0.205	0.204	0.248	0.245	0.253	0.249	0.261		0.251	0.240	9.25
4)	TC	Vinyl chloride	0.148	0.228	0.283	0.272	0.288	0.280	0.296		0.285	0.260	19.16
5)	TP	Bromomethane	0.130	0.133	0.158	0.164	0.184	0.197	0.214		0.151	0.166	18.10
6)	TP	Chloroethane	0.143	0.148	0.178	0.182	0.201	0.205	0.210		0.176	0.180	13.91
7)	TP	Trichlorofluoromethane	0.272	0.348	0.416	0.402	0.425	0.424	0.451		0.410	0.393	14.55
8)	TP	Ethyl ether	0.105	0.127	0.138	0.136	0.140	0.139	0.143		0.123	0.132	9.81
10)	TC	1,1-Dichloroethene	0.150	0.185	0.217	0.213	0.227	0.222	0.237		0.214	0.208	13.45
11)	TP	Carbon disulfide	0.752	0.680	0.764	0.735	0.777	0.761	0.803		0.861	0.767	6.80
12)	TP	Freon-113	0.152	0.186	0.211	0.217	0.231	0.223	0.243		0.225	0.211	13.73
14)	TP	Acrolein	0.023	0.025	0.026	0.026	0.026	0.027	0.029		0.027	0.026	6.69
15)	TP	Methylene chloride	0.248	0.253	0.276	0.270	0.271	0.268	0.278		0.297	0.270	5.61
17)	TP	Acetone		0.147	0.071	0.066	0.062	0.058	0.058			*L	0.9997
18)	TP	trans-1,2-Dichloroethene	0.173	0.215	0.259	0.255	0.262	0.259	0.271		0.252	0.243	13.47
19)	TP	Methyl acetate	0.102	0.101	0.102	0.108	0.111	0.107	0.106		0.095	0.104	4.75
20)	TP	Methyl tert-butyl ether	0.603	0.648	0.706	0.714	0.729	0.723	0.736		0.692	0.694	6.63
21)	TP	tert-Butyl alcohol	0.015	0.018	0.020	0.021	0.020	0.021	0.020		0.018	0.019	9.74
22)	TP	Diisopropyl ether	0.630	0.683	0.774	0.771	0.786	0.784	0.803		0.766	0.750	8.05
23)	TP	1,1-Dichloroethane	0.346	0.407	0.477	0.465	0.478	0.471	0.475		0.459	0.447	10.53
24)	TP	Halothane	0.133	0.156	0.191	0.187	0.196	0.193	0.203		0.190	0.181	13.20
25)	TP	Acrylonitrile		0.047	0.056	0.055	0.059	0.059	0.057		0.045	0.054	10.23
26)	TP	Ethyl tert-butyl ether	0.614	0.697	0.781	0.782	0.808	0.811	0.834		0.750	0.760	9.53
27)	TP	Vinyl acetate	0.463	0.470	0.524	0.541	0.548	0.552	0.567		0.474	0.517	8.08
28)	TP	cis-1,2-Dichloroethene	0.224	0.254	0.295	0.291	0.295	0.292	0.302		0.279	0.279	9.58
29)	TP	2,2-Dichloropropane	0.280	0.324	0.385	0.380	0.395	0.386	0.407		0.388	0.368	11.76
30)	TP	Bromochloromethane	0.099	0.118	0.131	0.132	0.132	0.129	0.132		0.123	0.125	9.28
31)	TP	Cyclohexane	0.298	0.335	0.361	0.382	0.399	0.385	0.415		0.408	0.373	10.68
32)	TC	Chloroform	0.716	0.517	0.507	0.492	0.495	0.486	0.502		0.663	0.547	16.32
33)	TP	Ethyl acetate		0.154	0.175	0.178	0.183	0.178	0.182		0.175	0.175	5.62
34)	TP	Carbon tetrachloride	0.267	0.309	0.357	0.366	0.388	0.374	0.406		0.370	0.355	12.70
35)	TP	Tetrahydrofuran		0.052	0.054	0.054	0.054	0.053	0.054		0.067	0.055	9.22
36)	S	Dibromofluoromethane	0.247	0.248	0.252	0.255	0.254	0.256	0.255	0.249	0.251	0.252	1.32
37)	TP	1,1,1-Trichloroethane	0.298	0.346	0.408	0.406	0.419	0.407	0.429	0.282	0.410	0.378	14.59
39)	TP	2-Butanone		0.104	0.071	0.070	0.072	0.069	0.070			0.076	18.01
40)	TP	1,1-Dichloropropene	0.234	0.270	0.318	0.313	0.324	0.314	0.333	0.230	0.315	0.295	13.33

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2574258**
Project Name	**: 545-547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391**
Instrument ID	**: VOA123**	**Ical Ref**	**: ICAL22792**
Calibration dates	**: 11/03/25 20:17 11/04/25 00:11**		

Calibration Files

L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D

L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
41)	TP	Benzene	0.764	0.848	0.992	0.988	1.002	0.982	1.025	0.800	0.990	0.932	10.65
42)	TP	tert-Amyl methyl ether	0.565	0.621	0.695	0.701	0.713	0.714	0.735		0.649	0.674	8.56
43)	S	1,2-Dichloroethane-d4	0.250	0.261	0.250	0.256	0.255	0.260	0.272	0.257	0.259	0.258	2.56
44)	TP	1,2-Dichloroethane	0.299	0.324	0.352	0.350	0.353	0.349	0.358		0.334	0.340	5.88
47)	TP	Methyl cyclohexane	0.312	0.364	0.382	0.418	0.441	0.427	0.467		0.409	0.403	12.11
48)	TP	Trichloroethene	0.198	0.234	0.273	0.272	0.282	0.280	0.299	0.198	0.267	0.256	14.52
50)	TP	Dibromomethane	0.114	0.145	0.158	0.159	0.163	0.162	0.167		0.148	0.152	11.29
51)	TC	1,2-Dichloropropane	0.221	0.233	0.268	0.266	0.266	0.267	0.275		0.257	0.257	7.49
53)	TP	2-Chloroethyl vinyl ether	0.062	0.099	0.115	0.119	0.121	0.119	0.121		0.092	0.106	19.85
54)	TP	Bromodichloromethane	0.284	0.321	0.384	0.386	0.395	0.395	0.412	0.305	0.362	0.360	12.72
57)	TP	1,4-Dioxane		0.001	0.002	0.002	0.002	0.002	0.002		0.001	0.001#	14.15
58)	TP	cis-1,3-Dichloropropene	0.312	0.366	0.423	0.437	0.444	0.447	0.461	0.306	0.372	0.396	14.93
59)	I	Chlorobenzene-d5	----------ISTD----------										
60)	S	Toluene-d8	1.361	1.370	1.367	1.348	1.338	1.339	1.329	1.363	1.358	1.353	1.07
61)	TC	Toluene	0.687	0.778	0.886	0.877	0.905	0.886	0.923		0.860	0.850	9.28
62)	TP	4-Methyl-2-pentanone	0.055	0.086	0.097	0.099	0.106	0.103	0.103		0.075	0.091	19.31
63)	TP	Tetrachloroethene	0.284	0.341	0.378	0.393	0.412	0.397	0.424	0.278	0.384	0.366	14.53
65)	TP	trans-1,3-Dichloropropene	0.321	0.422	0.509	0.521	0.544	0.535	0.544		0.435	0.479	16.64
67)	TP	Ethyl methacrylate	0.261	0.328	0.388	0.392	0.413	0.404	0.407		0.294	0.361	16.18
68)	TP	1,1,2-Trichloroethane	0.196	0.233	0.255	0.253	0.256	0.252	0.254		0.254	0.244	8.46
69)	TP	Chlorodibromomethane	0.272	0.320	0.378	0.385	0.407	0.404	0.410	0.261	0.319	0.351	16.81
70)	TP	1,3-Dichloropropane	0.400	0.461	0.506	0.504	0.515	0.499	0.499		0.474	0.482	7.82
71)	TP	1,2-Dibromoethane	0.210	0.260	0.299	0.301	0.310	0.304	0.304	0.202	0.250	0.271	15.65
72)	TP	2-Hexanone		0.153	0.155	0.160	0.173	0.168	0.166			0.162	4.91
73)	TP	Chlorobenzene	0.773	0.917	1.031	1.025	1.053	1.043	1.067	0.841	0.995	0.972	10.75
74)	TC	Ethylbenzene	1.397	1.558	1.692	1.713	1.770	1.742	1.805		1.788	1.683	8.27
75)	TP	1,1,1,2-Tetrachloroethane	0.280	0.334	0.382	0.388	0.403	0.402	0.409	0.255	0.343	0.355	15.91
76)	TP	p/m Xylene	0.491	0.584	0.652	0.668	0.697	0.689	0.720	0.505	0.658	0.629	13.30
77)	TP	o Xylene	0.502	0.586	0.655	0.668	0.695	0.696	0.721	0.538	0.655	0.635	11.96
78)	TP	Styrene	0.810	0.961	1.115	1.143	1.214	1.211	1.245	0.899	1.035	1.070	14.35
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform	0.328	0.351	0.426	0.454	0.507	0.508	0.516		0.384	0.434	17.08
82)	TP	Isopropylbenzene	2.350	2.790	2.990	3.143	3.256	3.153	3.229		3.074	2.998	10.04
83)	S	4-Bromofluorobenzene	0.909	0.903	0.898	0.897	0.891	0.870	0.850	0.909	0.921	0.894	2.44
84)	TP	Bromobenzene	0.657	0.764	0.834	0.843	0.855	0.848	0.853		0.812	0.808	8.41
85)	TP	n-Propylbenzene	2.846	3.301	3.574	3.743	3.872	3.736	3.821		3.659	3.569	9.57

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2574258**
Project Name	**: 545-547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391**
Instrument ID	**: VOA123**	**Ical Ref**	**: ICAL22792**
Calibration dates	**: 11/03/25 20:17 11/04/25 00:11**		

Calibration Files

L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D

L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

	Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
86) TP	1,4-Dichlorobutane	0.813	0.852	0.914	0.932	0.958	0.945	0.941		0.932	0.911	5.62
87) TP	1,1,2,2-Tetrachloroethane	0.599	0.643	0.694	0.692	0.699	0.681	0.669	0.601	0.661	0.660	5.82
88) TP	4-Ethyltoluene	2.361	2.744	2.990	3.140	3.224	3.122	3.174		3.006	2.970	9.71
89) TP	2-Chlorotoluene	1.856	2.059	2.268	2.302	2.391	2.296	2.340		2.315	2.229	8.05
90) TP	1,3,5-Trimethylbenzene	2.165	2.479	2.613	2.758	2.833	2.753	2.819		2.656	2.635	8.48
91) TP	1,2,3-Trichloropropane	0.472	0.511	0.524	0.532	0.546	0.527	0.522		0.539	0.522	4.34
92) TP	trans-1,4-Dichloro-2-b...		0.150	0.184	0.189	0.200	0.192	0.191			0.184	9.56
93) TP	4-Chlorotoluene	1.852	2.111	2.314	2.373	2.415	2.356	2.383		2.315	2.265	8.43
94) TP	tert-Butylbenzene	1.780	2.064	2.174	2.326	2.383	2.296	2.407		2.218	2.206	9.35
97) TP	1,2,4-Trimethylbenzene	2.100	2.442	2.627	2.748	2.804	2.769	2.833		2.626	2.619	9.36
98) TP	sec-Butylbenzene	2.581	3.076	3.202	3.479	3.615	3.463	3.602		3.382	3.300	10.45
99) TP	p-Isopropyltoluene	2.273	2.626	2.809	3.026	3.123	3.026	3.144		2.838	2.858	10.31
100) TP	1,3-Dichlorobenzene	1.218	1.399	1.545	1.610	1.650	1.628	1.647		1.527	1.528	9.85
101) TP	1,4-Dichlorobenzene	1.392	1.476	1.557	1.630	1.634	1.619	1.626		1.589	1.565	5.61
102) TP	p-Diethylbenzene	1.305	1.562	1.673	1.800	1.842	1.821	1.881		1.654	1.692	11.27
103) TP	n-Butylbenzene	1.994	2.355	2.528	2.725	2.792	2.715	2.772		2.629	2.564	10.60
104) TP	1,2-Dichlorobenzene	1.163	1.336	1.459	1.517	1.542	1.513	1.523		1.406	1.432	9.04
105) TP	1,2,4,5-Tetramethylben...	2.233	2.569	2.745	2.939	2.947	2.964	3.032		2.612	2.755	9.88
106) TP	1,2-Dibromo-3-chloropr...		0.086	0.099	0.105	0.114	0.112	0.113		0.078	0.101	14.19
107) TP	1,3,5-Trichlorobenzene	0.966	1.106	1.187	1.241	1.248	1.231	1.237		1.195	1.176	8.25
108) TP	Hexachlorobutadiene	0.491	0.547	0.555	0.617	0.629	0.612	0.643		0.593	0.586	8.74
109) TP	1,2,4-Trichlorobenzene	0.872	1.019	1.030	1.107	1.072	1.063	1.057		1.037	1.032	6.83
110) TP	Naphthalene	1.849	1.932	2.015	2.084	2.040	1.957	1.951		1.997	1.978	3.67
111) TP	1,2,3-Trichlorobenzene	0.734	0.882	0.902	0.958	0.919	0.884	0.863		0.929	0.884	7.66

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2574258**
Project Name	**: 545-547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391**
Instrument ID	**: VOA129**	**Ical Ref**	**: ICAL22852**
Calibration dates	**: 11/25/25 21:27 11/26/25 00:55**		

Calibration Files

0.5 =V29251125N03.D 1 =V29251125N05.D 2 =V29251125N07.D 4 =V29251125N08.D 20 =V29251125N09.D

40 =V29251125N10.D 100 =V29251125N11.D 200 =V29251125N12.D 300 =V29251125N13.D

		Compound	0.5	1	2	4	20	40	100	200	300	Avg	%RSD
1)	I	Fluorobenzene	ISTD										
2)	TP	Dichlorodifluoromethane		0.224	0.313	0.317	0.352	0.297	0.346	0.349	0.344	0.318	13.53
3)	TP	Chloromethane		0.365	0.495	0.430	0.436	0.379	0.419	0.417	0.417	0.420	9.34
4)	TP	Vinyl chloride		0.244	0.337	0.319	0.347	0.297	0.348	0.352	0.351	0.324	11.66
5)	TP	Bromomethane		0.237	0.255	0.234	0.215	0.174	0.191	0.193	0.203	0.213	12.96
6)	TP	Chloroethane		0.151	0.204	0.189	0.207	0.175	0.203	0.198	0.195	0.190	9.95
7)	TP	Trichlorofluoromethane		0.297	0.420	0.446	0.466	0.393	0.460	0.466	0.459	0.426	13.63
8)	TP	Ethyl ether		0.107	0.130	0.122	0.121	0.116	0.127	0.127	0.130	0.123	6.44
10)	TP	1,1-Dichloroethene		0.168	0.208	0.203	0.220	0.193	0.226	0.227	0.228	0.209	9.98
11)	TP	Carbon disulfide		0.562	0.756	0.761	0.808	0.698	0.809	0.811	0.808	0.751	11.48
12)	TP	Freon-113		0.131	0.189	0.214	0.237	0.204	0.240	0.235	0.237	0.211	17.64
14)	TP	Acrolein				0.020	0.024	0.029	0.029	0.027	0.029	0.026	13.72
15)	TP	Methylene chloride			0.387	0.303	0.265	0.233	0.253	0.246	0.244	0.276	19.58
17)	TP	Acetone				0.087	0.083	0.089	0.083	0.078	0.080	0.083	4.82
18)	TP	trans-1,2-Dichloroethene		0.189	0.240	0.236	0.249	0.225	0.252	0.252	0.247	0.236	9.03
19)	TP	Methyl acetate			0.154	0.113	0.134	0.141	0.137	0.135	0.134	0.136	9.15
20)	TP	Methyl tert-butyl ether		0.516	0.638	0.571	0.661	0.681	0.695	0.684	0.681	0.641	10.05
21)	TP	tert-Butyl alcohol		0.029	0.024	0.024	0.023	0.031	0.025	0.025	0.025	0.026	11.95
22)	TP	Diisopropyl ether		0.799	0.959	0.821	0.943	0.971	1.001	0.999	0.987	0.935	8.53
23)	TP	1,1-Dichloroethane		0.433	0.523	0.482	0.517	0.474	0.514	0.507	0.498	0.493	6.08
24)	TP	Halothane		0.109	0.184	0.169	0.195	0.176	0.188	0.186	0.187	0.174	15.77
25)	TP	Acrylonitrile		0.070	0.057	0.056	0.070	0.074	0.068	0.069	0.068	0.066	9.99
26)	TP	Ethyl tert-butyl ether		0.676	0.735	0.692	0.798	0.838	0.873	0.881	0.870	0.795	10.56
27)	TP	Vinyl acetate			0.483	0.427	0.492	0.581	0.608	0.607	0.576	0.539	13.18
28)	TP	cis-1,2-Dichloroethene		0.220	0.261	0.228	0.272	0.257	0.276	0.273	0.271	0.257	8.37
29)	TP	2,2-Dichloropropane		0.314	0.437	0.363	0.417	0.376	0.420	0.428	0.416	0.396	10.57
30)	TP	Bromochloromethane		0.089	0.119	0.109	0.125	0.125	0.123	0.119	0.118	0.116	10.32
31)	TP	Cyclohexane			0.356	0.405	0.480	0.437	0.529	0.506	0.498	0.459	13.53
32)	TP	Chloroform		0.572	0.576	0.479	0.504	0.494	0.510	0.490	0.487	0.514	7.43
33)	TP	Ethyl acetate		0.219	0.209	0.179	0.200	0.235	0.218	0.215	0.212	0.211	7.62
34)	TP	Carbon tetrachloride		0.208	0.297	0.329	0.404	0.357	0.417	0.410	0.402	*L	0.9990
35)	TP	Tetrahydrofuran				0.065	0.051	0.061	0.055	0.056	0.056	0.057	8.72
36)	S	Dibromofluoromethane	0.244	0.250	0.253	0.257	0.240	0.255	0.248	0.244	0.247	0.249	2.15
37)	TP	1,1,1-Trichloroethane	0.265	0.339	0.435	0.387	0.454	0.413	0.463	0.451	0.443	0.406	16.19
39)	TP	2-Butanone			0.113	0.091	0.088	0.105	0.091	0.091	0.096	0.096	9.50
40)	TP	1,1-Dichloropropene	0.224	0.212	0.340	0.298	0.351	0.314	0.367	0.362	0.357	0.314	18.78

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2574258**
Project Name	**: 545-547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391**
Instrument ID	**: VOA129**	**Ical Ref**	**: ICAL22852**
Calibration dates	**: 11/25/25 21:27 11/26/25 00:55**		

Calibration Files

0.5 =V29251125N03.D 1 =V29251125N05.D 2 =V29251125N07.D 4 =V29251125N08.D 20 =V29251125N09.D

40 =V29251125N10.D 100 =V29251125N11.D 200 =V29251125N12.D 300 =V29251125N13.D

		Compound	0.5	1	2	4	20	40	100	200	300	Avg	%RSD
41)	TP	Benzene	0.776	0.810	1.022	0.905	1.007	0.956	1.016	1.007	0.985	0.943	9.83
42)	TP	tert-Amyl methyl ether		0.474	0.548	0.484	0.585	0.670	0.668	0.673	0.674	0.597	14.49
43)	S	1,2-Dichloroethane-d4	0.292	0.283	0.288	0.307	0.278	0.281	0.284	0.274	0.278	0.285	3.43
44)	TP	1,2-Dichloroethane		0.354	0.372	0.335	0.371	0.386	0.380	0.374	0.368	0.368	4.40
47)	TP	Methyl cyclohexane			0.294	0.342	0.409	0.363	0.462	0.448	0.442	0.394	15.93
48)	TP	Trichloroethene	0.232	0.227	0.293	0.264	0.297	0.277	0.293	0.286	0.285	0.273	9.63
50)	TP	Dibromomethane		0.122	0.142	0.136	0.140	0.155	0.143	0.142	0.140	0.140	6.45
51)	TP	1,2-Dichloropropane		0.227	0.273	0.254	0.274	0.283	0.284	0.284	0.280	0.270	7.41
53)	TP	2-Chloroethyl vinyl ether		0.111	0.096	0.095	0.108	0.141	0.144	0.142	0.144	0.122	18.18
54)	TP	Bromodichloromethane	0.285	0.288	0.366	0.331	0.384	0.410	0.387	0.386	0.382	0.358	12.72
57)	TP	1,4-Dioxane		0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001#	18.87
58)	TP	cis-1,3-Dichloropropene	0.285	0.307	0.340	0.320	0.377	0.434	0.425	0.424	0.421	0.370	15.81
59)	I	Chlorobenzene-d5	----------ISTD----------										
60)	S	Toluene-d8	1.256	1.270	1.275	1.263	1.318	1.299	1.266	1.262	1.265	1.275	1.61
61)	TP	Toluene		0.735	0.943	0.772	0.893	0.873	0.868	0.862	0.839	0.848	7.83
62)	TP	4-Methyl-2-pentanone		0.074	0.089	0.072	0.089	0.124	0.103	0.105	0.104	0.095	18.20
63)	TP	Tetrachloroethene	0.320	0.306	0.420	0.398	0.424	0.385	0.410	0.402	0.387	0.384	10.99
65)	TP	trans-1,3-Dichloropropene		0.349	0.425	0.380	0.453	0.537	0.489	0.491	0.478	0.450	13.85
67)	TP	Ethyl methacrylate		0.241	0.272	0.243	0.306	0.391	0.358	0.366	0.360	0.317	18.74
68)	TP	1,1,2-Trichloroethane		0.170	0.217	0.198	0.229	0.254	0.222	0.219	0.213	0.215	11.21
69)	TP	Chlorodibromomethane	0.278	0.284	0.326	0.311	0.341	0.396	0.358	0.357	0.355	0.334	11.40
70)	TP	1,3-Dichloropropane		0.387	0.438	0.406	0.464	0.527	0.465	0.461	0.447	0.449	9.37
71)	TP	1,2-Dibromoethane	0.196	0.211	0.250	0.226	0.257	0.292	0.260	0.259	0.253	0.245	11.92
72)	TP	2-Hexanone		0.172	0.160	0.148	0.177	0.237	0.198	0.196	0.196	0.185	14.92
73)	TP	Chlorobenzene	0.819	0.863	1.023	0.871	0.994	1.035	0.964	0.958	0.934	0.940	8.00
74)	TP	Ethylbenzene		1.258	1.552	1.354	1.688	1.702	1.727	1.689	1.624	1.574	11.19
75)	TP	1,1,1,2-Tetrachloroethane	0.267	0.300	0.392	0.315	0.364	0.408	0.374	0.372	0.365	0.351	13.25
76)	TP	p/m Xylene	0.398	0.447	0.556	0.506	0.658	0.655	0.645	0.640	0.612	0.569	17.15
77)	TP	o Xylene	0.413	0.433	0.534	0.485	0.638	0.648	0.634	0.625	0.606	0.557	16.75
78)	TP	Styrene	0.654	0.696	0.885	0.834	1.076	1.135	1.054	1.035	0.995	0.929	18.50
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform		0.389	0.371	0.331	0.372	0.458	0.403	0.410	0.404	0.392	9.40
82)	TP	Isopropylbenzene		2.037	2.547	2.527	3.058	3.004	3.144	3.118		2.777	15.03
83)	S	4-Bromofluorobenzene	0.836	0.864	0.847	0.867	0.876	0.865	0.846	0.858	0.862	0.858	1.44
84)	TP	Bromobenzene		0.643	0.829	0.689	0.761	0.813	0.766	0.780	0.758	0.755	8.19
85)	TP	n-Propylbenzene		2.492	3.199	3.040	3.593	3.534	3.676	3.655	3.501	3.336	12.25

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2574258**
Project Name	**: 545-547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391**
Instrument ID	**: VOA129**	**Ical Ref**	**: ICAL22852**
Calibration dates	**: 11/25/25 21:27 11/26/25 00:55**		

Calibration Files

0.5 =V29251125N03.D 1 =V29251125N05.D 2 =V29251125N07.D 4 =V29251125N08.D 20 =V29251125N09.D

40 =V29251125N10.D 100 =V29251125N11.D 200 =V29251125N12.D 300 =V29251125N13.D

	Compound	0.5	1	2	4	20	40	100	200	300	Avg	%RSD
86) TP	1,4-Dichlorobutane		0.908	0.955	0.887	0.954	1.129	1.013	1.007	0.983	0.980	7.63
87) TP	1,1,2,2-Tetrachloroethane	0.458	0.521	0.634	0.514	0.550	0.664	0.584	0.588	0.573	0.565	11.12
88) TP	4-Ethyltoluene		1.877	2.462	2.503	2.954	2.950	3.062	3.057	2.934	2.725	15.25
89) TP	2-Chlorotoluene		1.657	2.135	1.814	2.244	2.159	2.073	2.114	2.053	2.031	9.65
90) TP	1,3,5-Trimethylbenzene		1.641	2.276	2.150	2.629	2.651	2.704	2.681	2.576	2.414	15.42
91) TP	1,2,3-Trichloropropane		0.429	0.505	0.465	0.452	0.571	0.477	0.495	0.475	0.484	8.83
92) TP	trans-1,4-Dichloro-2-b...		0.168	0.209	0.174	0.199	0.245	0.211	0.206	0.202	0.202	11.70
93) TP	4-Chlorotoluene		1.631	2.123	2.018	2.309	2.329	2.254	2.272	2.182	2.140	10.76
94) TP	tert-Butylbenzene		1.531	1.845	1.823	2.216	2.201	2.359	2.342	2.258	2.072	14.52
97) TP	1,2,4-Trimethylbenzene		1.706	2.173	2.064	2.586	2.607	2.622	2.635	2.561	2.369	14.67
98) TP	sec-Butylbenzene		2.113	2.732	2.789	3.328	3.195	3.483	3.434	3.304	3.047	15.42
99) TP	p-Isopropyltoluene		1.824	2.219	2.269	2.825	2.800	3.044	2.988	2.878	2.606	16.99
100) TP	1,3-Dichlorobenzene		1.352	1.502	1.419	1.523	1.558	1.487	1.516	1.459	1.477	4.47
101) TP	1,4-Dichlorobenzene		1.256	1.533	1.323	1.526	1.569	1.469	1.499	1.445	1.453	7.51
102) TP	p-Diethylbenzene		1.063	1.391	1.273	1.638	1.636	1.773	1.786	1.733	1.537	17.25
103) TP	n-Butylbenzene		1.704	2.190	2.182	2.692	2.566	2.754	2.772	2.637	2.437	15.49
104) TP	1,2-Dichlorobenzene		1.133	1.310	1.292	1.395	1.451	1.373	1.407		1.337	7.90
105) TP	1,2,4,5-Tetramethylben...			1.909	1.801	2.422	2.614	2.788	2.875	2.782	2.456	17.81
106) TP	1,2-Dibromo-3-chloropr...		0.104	0.074	0.079	0.089	0.120	0.102	0.106	0.107	0.098	15.92
107) TP	1,3,5-Trichlorobenzene		1.057	1.213	1.113	1.206	1.199	1.196	1.220	1.186	1.174	4.90
108) TP	Hexachlorobutadiene		0.532	0.647	0.590	0.613	0.603	0.673	0.654	0.655	0.621	7.42
109) TP	1,2,4-Trichlorobenzene		0.829	0.953	0.895	0.981	1.044	1.027	1.064	1.051	0.981	8.54
110) TP	Naphthalene		1.379	1.429	1.417	1.613	2.001	1.977	2.019	1.977	1.727	17.02
111) TP	1,2,3-Trichlorobenzene		0.691	0.841	0.817	0.895	0.987	0.971	0.979	0.963	0.893	11.72

Response Factor Report VOA110

Method Path : K:\VOA110\2025\250915AICAL\
Method File : V110_250915A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Sep 16 09:46:52 2025
Response Via : Initial Calibration

Calibration Files
L0 =V10250915A03.D L1 =V10250915A05.D L1.5=V10250915A07.D L2 =V10250915A08.D L3 =V10250915A10.D
L4 =V10250915A11.D L6 =V10250915A12.D L7 =V10250915A13.D L8 =V10250915A14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluo...	0.177	0.207	0.221	0.256	0.261	0.240	0.257	0.248	0.233		12.67
3)	TP	Chloromethane	0.291	0.313	0.288	0.263	0.255	0.239	0.256	0.245	0.269		9.57
4)	TP	Vinyl chloride	0.261	0.335	0.283	0.327	0.326	0.301	0.322	0.305	0.307		8.26
5)	TP	Bromomethane	0.338	0.338	0.307	0.293	0.267	0.235	0.247	0.238	0.283		15.04
6)	TP	Chloroethane	0.226	0.243	0.224	0.228	0.228	0.226	0.259	0.199	0.229		7.48
7)	TP	Trichlorofluor...	0.319	0.381	0.364	0.452	0.471	0.443	0.489	0.474	0.424		14.52
8)	TP	Ethyl ether	0.197	0.213	0.197	0.191	0.194	0.192	0.203	0.195	0.198		3.62
10)	TP	1,1-Dichloroet...	0.244	0.280	0.243	0.265	0.266	0.247	0.271	0.260	0.259		5.23
11)	TP	Carbon disulfide	0.934	1.080	0.901	0.959	0.966	0.900	0.991	0.938	0.958		6.04
12)	TP	Freon-113		0.189	0.185	0.248	0.276	0.255	0.289	0.276	0.245		17.18
14)	TP	Acrolein	0.209	0.139	0.087	0.064	0.058	0.062	0.060	0.057	*L		0.9987
15)	TP	Methylene chlo...	0.373	0.323	0.283	0.251	0.246	0.235	0.253	0.244	0.276		17.54
17)	TP	Acetone	0.252	0.227	0.138	0.101	0.096	0.100	0.101	0.099	*L		0.9988
18)	TP	trans-1,2-Dich...	0.250	0.256	0.231	0.240	0.249	0.237	0.257	0.249	0.246		3.82
19)	TP	Methyl acetate		0.169	0.158	0.152	0.159	0.169	0.175	0.169	0.164		4.95
20)	TP	Methyl tert-bu...	0.697	0.723	0.745	0.732	0.761	0.779	0.830	0.812	0.760		5.96
21)	TP	tert-Butyl alc...	0.058	0.043	0.047	0.040	0.039	0.039	0.041	0.040	0.043		15.06
22)	TP	Diisopropyl ether	0.627	0.669	0.658	0.658	0.673	0.682	0.732	0.708	0.676		4.78
23)	TP	1,1-Dichloroet...	0.430	0.477	0.437	0.435	0.437	0.412	0.450	0.430	0.439		4.31
24)	TP	Halothane	0.139	0.196	0.163	0.176	0.183	0.177	0.197	0.190	0.177		10.89
25)	TP	Acrylonitrile	0.082	0.085	0.082	0.084	0.084	0.085	0.090	0.088	0.085		3.38
26)	TP	Ethyl tert-but...	0.648	0.710	0.674	0.678	0.714	0.724	0.787	0.768	0.713		6.63
27)	TP	Vinyl acetate		0.459	0.455	0.429	0.461	0.502	0.532	0.526	0.481		8.19
28)	TP	cis-1,2-Dichlo...	0.254	0.295	0.276	0.268	0.271	0.261	0.280	0.268	0.272		4.62
29)	TP	2,2-Dichloropr...	0.405	0.400	0.345	0.355	0.365	0.345	0.378	0.364	0.370		6.24
30)	TP	Bromochloromet...	0.134	0.152	0.130	0.126	0.127	0.124	0.130	0.124	0.131		7.03
31)	TP	Cyclohexane	0.268	0.273	0.259	0.347	0.391	0.370	0.428	0.413	0.344		19.91
32)	TP	Chloroform	0.544	0.524	0.467	0.407	0.417	0.405	0.435	0.416	0.452		12.11
33)	TP	Ethyl acetate		0.240	0.225	0.211	0.228	0.242	0.257	0.250	0.236		6.71
34)	TP	Carbon tetrach...	0.246	0.322	0.270	0.322	0.345	0.334	0.370	0.362	0.321		13.45

Response Factor Report VOA110

Method Path : K:\VOA110\2025\250915AICAL\
Method File : V110_250915A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Sep 16 09:46:52 2025
Response Via : Initial Calibration

Calibration Files
L0 =V10250915A03.D L1 =V10250915A05.D L1.5=V10250915A07.D L2 =V10250915A08.D L3 =V10250915A10.D
L4 =V10250915A11.D L6 =V10250915A12.D L7 =V10250915A13.D L8 =V10250915A14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
35)	TP	Tetrahydrofuran		0.127	0.091	0.092	0.081	0.085	0.082	0.085	0.082	0.091	16.82
36)	S	Dibromofluorom...	0.273	0.280	0.282	0.272	0.269	0.269	0.260	0.256	0.259	0.269	3.34
37)	TP	1,1,1-Trichlor...	0.301	0.313	0.374	0.325	0.358	0.372	0.354	0.391	0.374	0.351	8.89
39)	TP	2-Butanone			0.087	0.079	0.089	0.099	0.108	0.113	0.110	0.098	13.59
40)	TP	1,1-Dichloropr...	0.279	0.273	0.302	0.249	0.286	0.313	0.303	0.335	0.321	0.296	9.02
41)	TP	Benzene	0.875	0.850	0.999	0.881	0.919	0.942	0.923	1.005	0.958	0.928	5.80
42)	TP	tert-Amyl meth...		0.668	0.672	0.639	0.681	0.710	0.715	0.784	0.767	0.704	7.13
43)	S	1,2-Dichloroet...	0.279	0.283	0.274	0.276	0.267	0.271	0.272	0.273	0.277	0.275	1.69
44)	TP	1,2-Dichloroet...		0.299	0.341	0.306	0.304	0.305	0.305	0.321	0.310	0.311	4.35
47)	TP	Methyl cyclohe...			0.241	0.258	0.351	0.430	0.415	0.484	0.471	*L	0.9964
48)	TP	Trichloroethene	0.238	0.245	0.255	0.226	0.238	0.249	0.242	0.270	0.256	0.247	5.18
50)	TP	Dibromomethane		0.155	0.176	0.145	0.151	0.151	0.153	0.161	0.156	0.156	5.95
51)	TP	1,2-Dichloropr...		0.246	0.251	0.236	0.227	0.241	0.235	0.257	0.244	0.242	3.92
53)	TP	2-Chloroethyl ...										0.000#	-1.00
54)	TP	Bromodichlorom...	0.340	0.300	0.350	0.339	0.323	0.338	0.329	0.358	0.338	0.335	4.93
57)	TP	1,4-Dioxane		0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003#	16.59
58)	TP	cis-1,3-Dichlo...	0.347	0.328	0.354	0.368	0.375	0.408	0.399	0.433	0.417	0.381	9.24
59)	I	Chlorobenzene-d5	----------ISTD----------										
60)	S	Toluene-d8	1.209	1.217	1.217	1.231	1.237	1.264	1.233	1.237	1.259	1.234	1.50
61)	TP	Toluene		0.700	0.761	0.709	0.722	0.765	0.746	0.832	0.788	0.753	5.83
62)	TP	4-Methyl-2-pen...		0.084	0.096	0.097	0.112	0.123	0.125	0.133	0.129	0.112	16.09
63)	TP	Tetrachloroethene	0.237	0.264	0.319	0.253	0.285	0.317	0.309	0.351	0.337	0.297	13.27
65)	TP	trans-1,3-Dich...		0.381	0.401	0.396	0.422	0.455	0.457	0.493	0.473	0.435	9.30
67)	TP	Ethyl methacry...		0.332	0.348	0.337	0.366	0.403	0.409	0.430	0.418	0.380	10.29
68)	TP	1,1,2-Trichlor...		0.185	0.228	0.204	0.213	0.227	0.225	0.238	0.229	0.219	7.78
69)	TP	Chlorodibromom...	0.257	0.313	0.316	0.296	0.310	0.332	0.336	0.368	0.356	0.320	10.34
70)	TP	1,3-Dichloropr...		0.422	0.445	0.435	0.444	0.465	0.473	0.501	0.480	0.458	5.70
71)	TP	1,2-Dibromoethane	0.207	0.243	0.253	0.267	0.266	0.286	0.290	0.307	0.298	0.269	11.63
72)	TP	2-Hexanone		0.270	0.233	0.192	0.199	0.208	0.216	0.225	0.216	0.220	11.00
73)	TP	Chlorobenzene	0.850	0.732	0.917	0.841	0.822	0.897	0.866	0.947	0.906	0.864	7.37
74)	TP	Ethylbenzene		1.407	1.540	1.257	1.334	1.476	1.423	1.592	1.512	1.443	7.68

Response Factor Report VOA110

Method Path : K:\VOA110\2025\250915AICAL\
Method File : V110_250915A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Sep 16 09:46:52 2025
Response Via : Initial Calibration

Calibration Files
L0 =V10250915A03.D L1 =V10250915A05.D L1.5=V10250915A07.D L2 =V10250915A08.D L3 =V10250915A10.D
L4 =V10250915A11.D L6 =V10250915A12.D L7 =V10250915A13.D L8 =V10250915A14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
75)	TP	1,1,1,2-Tetrac...	0.265	0.266	0.308	0.296	0.301	0.333	0.331	0.364	0.345	0.312	10.95
76)	TP	p/m Xylene	0.568	0.537	0.573	0.523	0.548	0.601	0.587	0.646	0.620	0.578	6.91
77)	TP	o Xylene	0.554	0.509	0.577	0.543	0.548	0.601	0.585	0.638	0.616	0.575	6.99
78)	TP	Styrene	0.871	0.859	0.904	0.911	0.918	1.033	1.012	1.123	1.088	0.969	10.06
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform		0.362	0.331	0.347	0.365	0.412	0.431	0.474	0.461	0.398	13.63
82)	TP	Isopropylbenzene		2.310	2.574	2.054	2.287	2.612	2.516	2.908	2.750	2.501	10.98
83)	S	4-Bromofluorob...	0.851	0.840	0.859	0.842	0.856	0.822	0.817	0.833	0.829	0.839	1.76
84)	TP	Bromobenzene		0.665	0.664	0.650	0.631	0.685	0.667	0.744	0.696	0.675	5.08
85)	TP	n-Propylbenzene		2.650	2.955	2.472	2.724	3.040	2.867	3.303	3.106	2.890	9.29
86)	TP	1,4-Dichlorobu...		0.911	0.857	0.806	0.798	0.831	0.805	0.875	0.847	0.841	4.67
87)	TP	1,1,2,2-Tetrac...	0.684	0.674	0.671	0.644	0.671	0.705	0.686	0.717	0.688	0.682	3.09
88)	TP	4-Ethyltoluene		2.415	2.690	2.211	2.361	2.634	2.515	2.886	2.711	2.553	8.58
89)	TP	2-Chlorotoluene		1.651	1.925	1.701	1.644	1.812	1.704	1.914	1.801	1.769	6.28
90)	TP	1,3,5-Trimethy...		1.989	2.193	1.924	2.025	2.256	2.189	2.481	2.370	2.178	8.83
91)	TP	1,2,3-Trichlor...		0.531	0.535	0.526	0.533	0.559	0.554	0.587	0.574	0.550	4.05
92)	TP	trans-1,4-Dich...		0.209	0.200	0.188	0.190	0.201	0.195	0.209	0.194	0.198	4.10
93)	TP	4-Chlorotoluene		1.764	1.955	1.834	1.744	1.922	1.801	2.001	1.885	1.863	4.98
94)	TP	tert-Butylbenzene		1.629	1.930	1.556	1.746	2.000	1.918	2.193	2.081	1.882	11.76
97)	TP	1,2,4-Trimethy...		1.903	2.178	1.938	2.003	2.272	2.164	2.419	2.313	2.149	8.67
98)	TP	sec-Butylbenzene		2.392	2.671	2.150	2.519	2.945	2.804	3.209	3.084	2.722	13.21
99)	TP	p-Isopropyltol...		2.078	2.460	2.005	2.260	2.642	2.504	2.855	2.748	2.444	12.62
100)	TP	1,3-Dichlorobe...		1.218	1.339	1.203	1.225	1.358	1.295	1.436	1.361	1.304	6.42
101)	TP	1,4-Dichlorobe...		1.345	1.432	1.283	1.263	1.383	1.311	1.438	1.364	1.352	4.78
102)	TP	p-Diethylbenzene		1.279	1.490	1.241	1.344	1.589	1.494	1.732	1.647	1.477	11.99
103)	TP	n-Butylbenzene		1.886	2.042	1.645	1.912	2.225	2.091	2.385	2.303	2.061	11.85
104)	TP	1,2-Dichlorobe...		1.152	1.234	1.208	1.192	1.308	1.233	1.368	1.291	1.248	5.58
105)	TP	1,2,4,5-Tetram...		2.056	2.284	2.081	2.199	2.517	2.379	2.714	2.610	2.355	10.34
106)	TP	1,2-Dibromo-3-...		0.112	0.106	0.136	0.133	0.141	0.146	0.161	0.156	0.136	14.30
107)	TP	1,3,5-Trichlor...		0.914	0.929	0.886	0.913	0.999	0.964	1.078	1.020	0.963	6.78
108)	TP	Hexachlorobuta...		0.345	0.406	0.341	0.389	0.468	0.449	0.533	0.507	0.430	16.60

Method Path : K:\VOA110\2025\250915AICAL\
Method File : V110_250915A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Sep 16 09:46:52 2025
Response Via : Initial Calibration

Calibration Files
L0 =V10250915A03.D L1 =V10250915A05.D L1.5=V10250915A07.D L2 =V10250915A08.D L3 =V10250915A10.D
L4 =V10250915A11.D L6 =V10250915A12.D L7 =V10250915A13.D L8 =V10250915A14.D

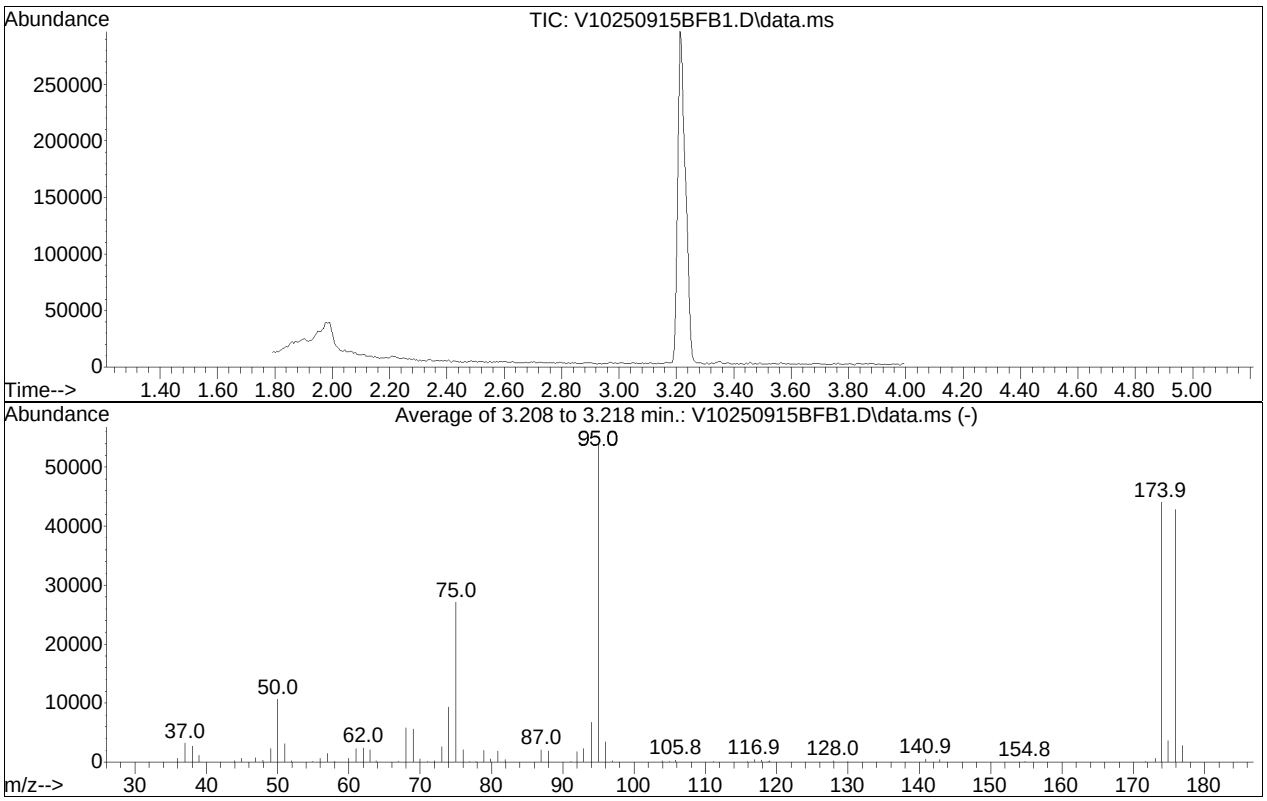
	Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
109)	TP 1,2,4-Trichlor...	0.841	0.813	0.818	0.838	0.901	0.858	0.953	0.912	0.867		5.74
110)	TP Naphthalene	2.291	2.167	2.233	2.330	2.391	2.343	2.543	2.442	2.343		5.05
111)	TP 1,2,3-Trichlor...	0.753	0.792	0.858	0.831	0.863	0.827	0.932	0.889	0.843		6.58

(#) = Out of Range

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915BFB1.D
Acq On : 15 Sep 2025 1:33 pm
Operator : VOA110:AJK
Sample : WG2115392-1
Misc : WG2115392,ICAL
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Sep 16 09:46:52 2025



Spectrum Information: Average of 3.208 to 3.218 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.8	10711	PASS
75	95	30	60	50.1	27149	PASS
95	95	100	100	100.0	54165	PASS
96	95	5	9	6.4	3466	PASS
173	174	0.00	2	1.4	627	PASS
174	95	50	100	81.3	44059	PASS
175	174	5	9	8.2	3617	PASS
176	174	95	101	97.3	42867	PASS
177	176	5	9	6.6	2812	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A03.D
Acq On : 15 Sep 2025 2:50 pm
Operator : VOA110:JIC
Sample : I8260STD0.5PPB
Misc : WG2115392,ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 16 09:05:02 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.248	96	195140	20.000	ug/L	0.00
Standard Area 1 = 192304			Recovery = 101.47%			
59) Chlorobenzene-d5	9.803	117	163538	20.000	ug/L	0.00
Standard Area 1 = 156268			Recovery = 104.65%			
79) 1,4-Dichlorobenzene-d4	12.456	152	95769	20.000	ug/L	0.00
Standard Area 1 = 92858			Recovery = 103.13%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.425	113	53327	20.330	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.65%			
43) 1,2-Dichloroethane-d4	5.965	65	54493	20.596	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.98%			
60) Toluene-d8	7.952	98	197795	19.130	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.65%			
83) 4-Bromofluorobenzene	11.265	95	81494	20.703	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.52%			
Target Compounds						Qvalue
37) 1,1,1-Trichloroethane	5.446	97	1468	0.404	ug/L #	79
40) 1,1-Dichloropropene	5.571	75	1362	0.445	ug/L	91
41) Benzene	5.834	78	4271M6	0.465	ug/L	
48) Trichloroethene	6.431	95	1160	0.477	ug/L	98
54) Bromodichloromethane	7.045	83	1661	0.504	ug/L #	76
58) cis-1,3-Dichloropropene	7.758	75	1691M1	0.425	ug/L	
63) Tetrachloroethene	8.455	166	967M1	0.373	ug/L	
69) Chlorodibromomethane	8.890	129	1049	0.386	ug/L	80
71) 1,2-Dibromoethane	9.173	107	846	0.362	ug/L #	60
73) Chlorobenzene	9.829	112	3476M6	0.474	ug/L	
75) 1,1,1,2-Tetrachloroethane	9.902	131	1084	0.398	ug/L #	65
76) p/m Xylene	10.049	106	4648	0.946	ug/L	91
77) o Xylene	10.579	106	4531	0.921	ug/L	91
78) Styrene	10.647	104	7120	0.843	ug/L	99
87) 1,1,2,2-Tetrachloroethane	11.491	83	1637	0.485	ug/L #	95

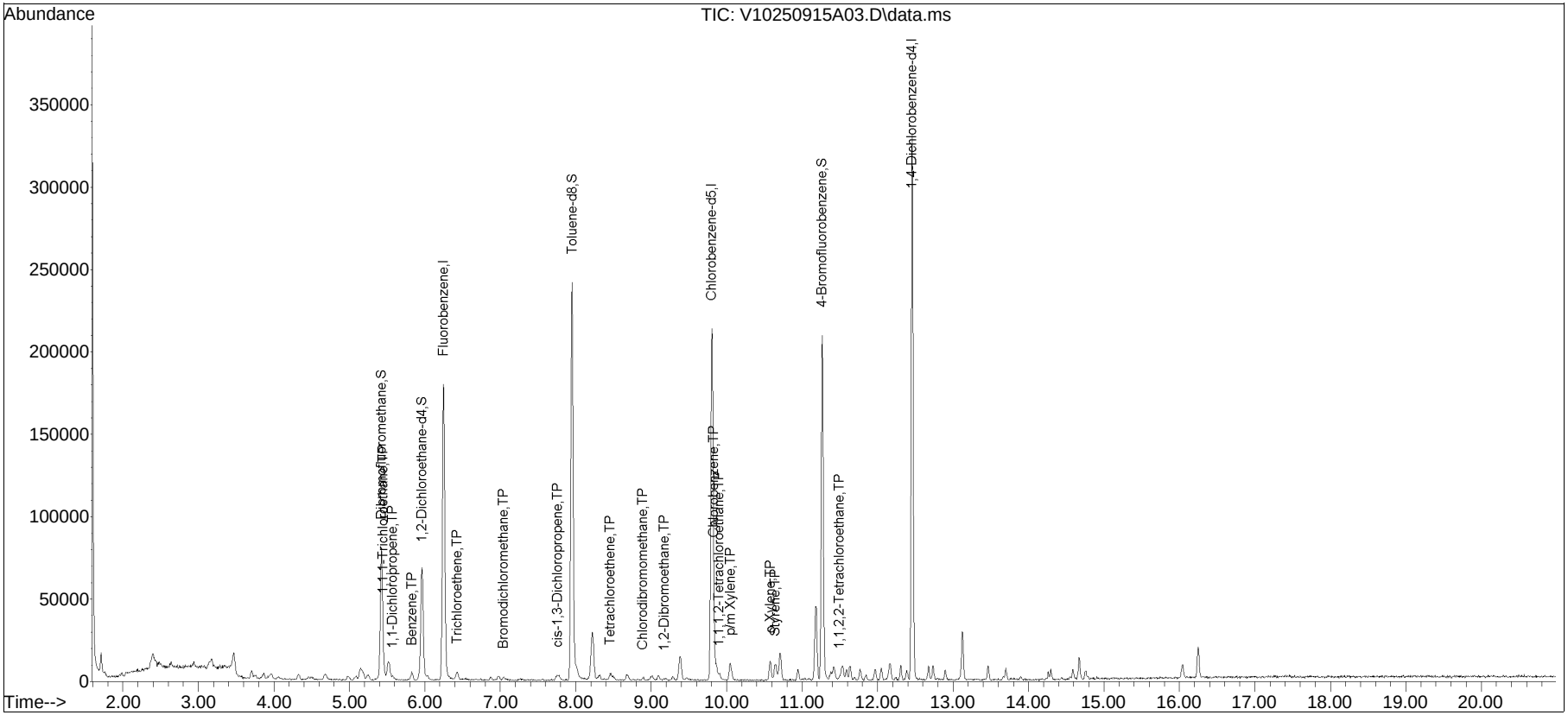
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A03.D
Acq On : 15 Sep 2025 2:50 pm
Operator : VOA110:JIC
Sample : I8260STD0.5PPB
Misc : WG2115392,ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 16 09:05:02 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH15A11.D•

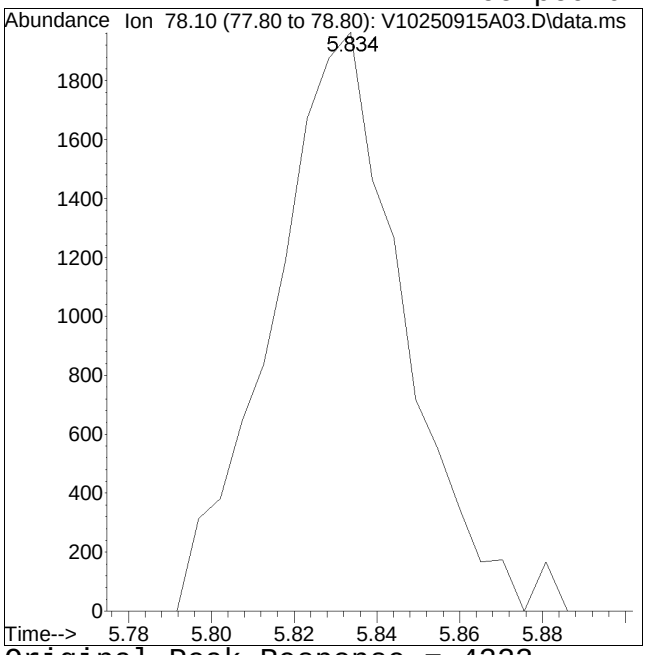


Manual Integration Report

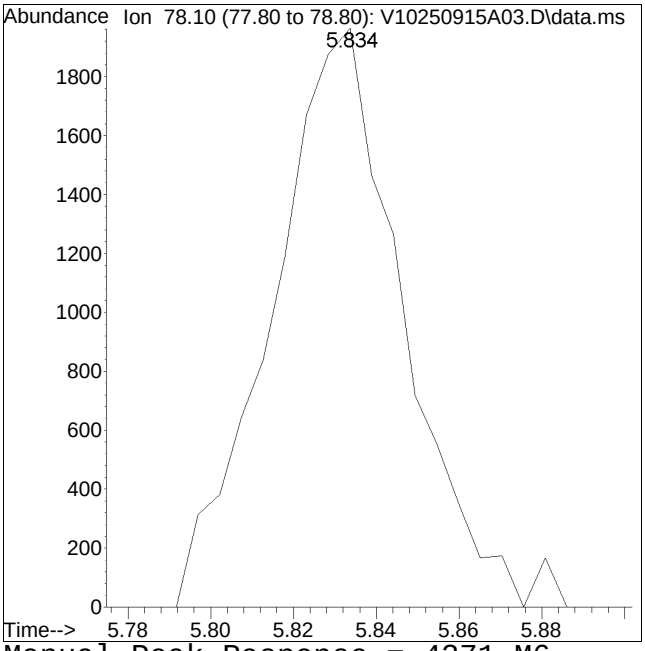
Data Path : K:\VOA110\2025\250915AICALQ
Data File : V10250915A03.D
Date Inj'd : 9/15/2025 2:50 pm
Sample : I8260STD0.5PPB

Method : V110_250915A_8260.m
Operator : VOA110:JIC
Instrument : VOA110
Quant Date : 9/16/2025 9:01 am

Compound #41: Benzene



Original Peak Response = 4323



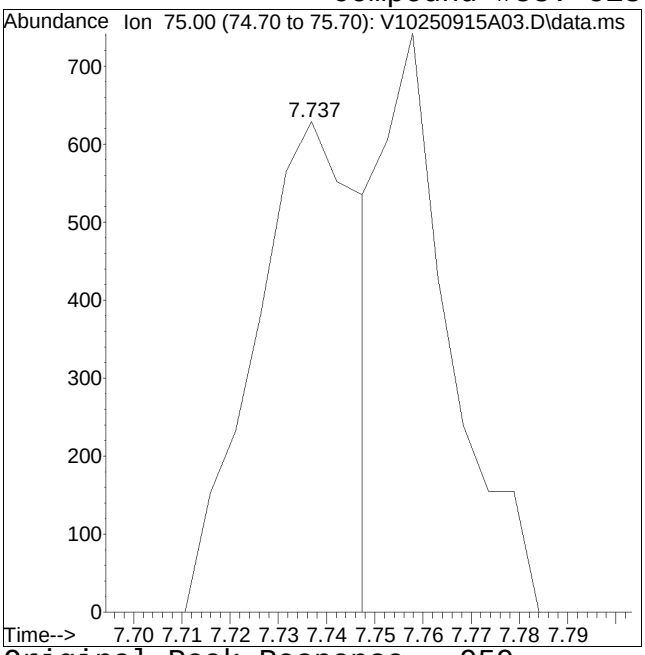
Manual Peak Response = 4271 M6

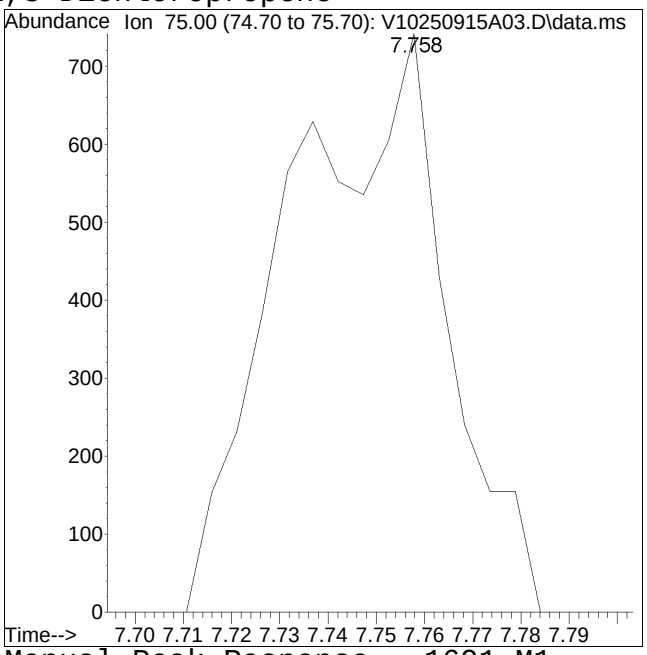
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A03.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 2:50 pm Instrument : VOA110
Sample : I8260STD0.5PPB Quant Date : 9/16/2025 9:01 am

Compound #58: cis-1,3-Dichloropropene





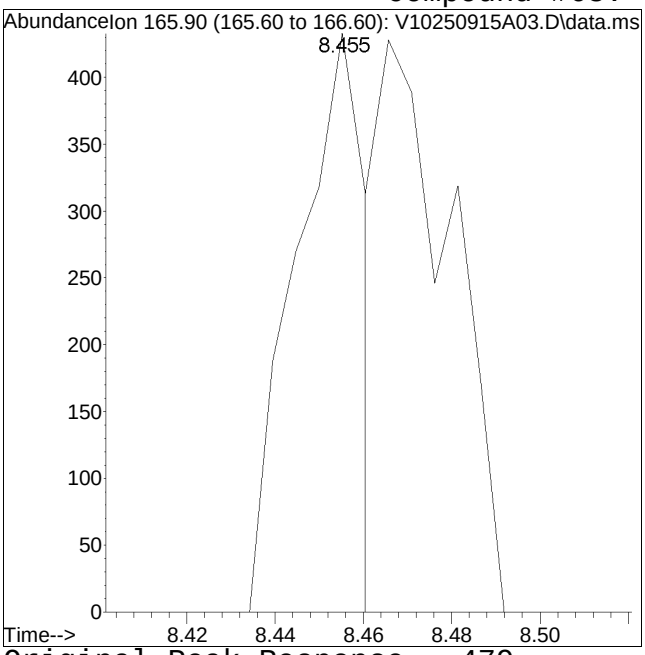
Original Peak Response = 959 Manual Peak Response = 1691 M1

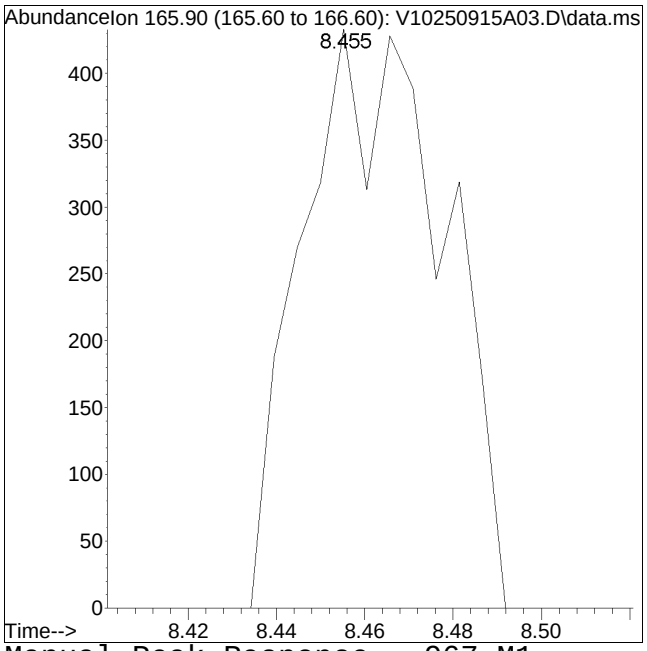
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A03.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 2:50 pm Instrument : VOA110
Sample : I8260STD0.5PPB Quant Date : 9/16/2025 9:01 am

Compound #63: Tetrachloroethene





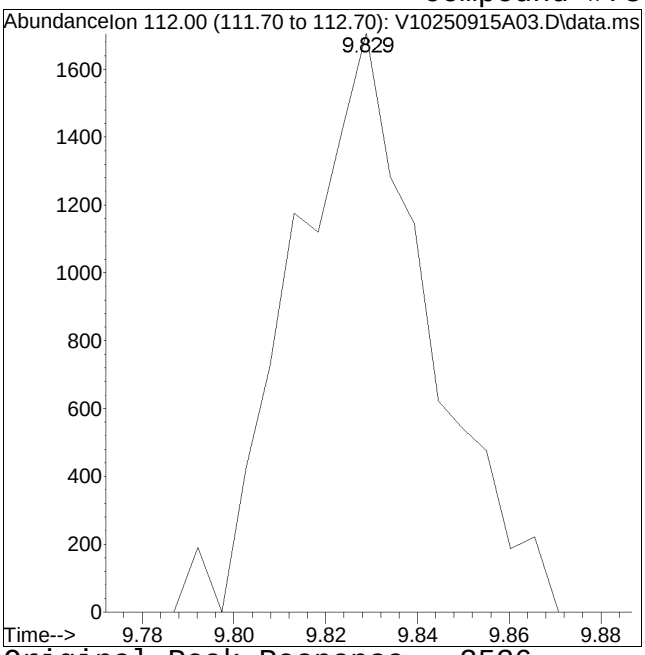
Original Peak Response = 479 Manual Peak Response = 967 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

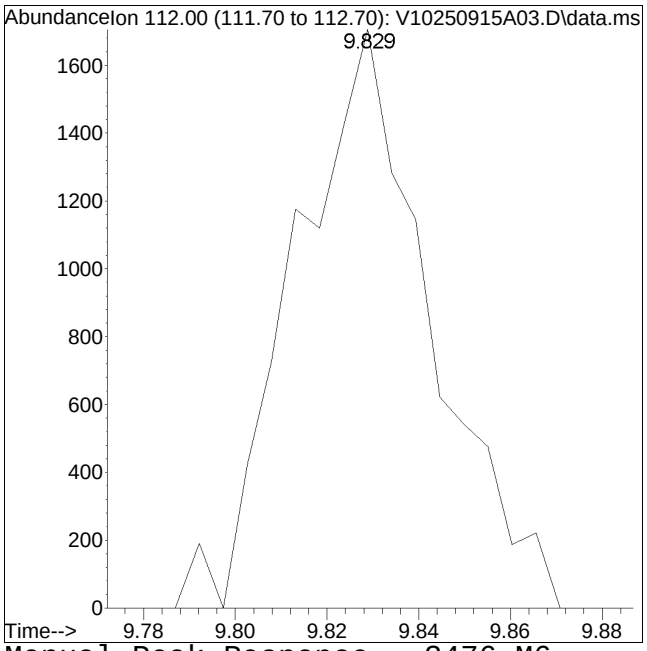
Data Path : K:\VOA110\2025\250915AICALQ
Data File : V10250915A03.D
Date Inj'd : 9/15/2025 2:50 pm
Sample : I8260STD0.5PPB

Method : V110_250915A_8260.m
Operator : VOA110:JIC
Instrument : VOA110
Quant Date : 9/16/2025 9:01 am

Compound #73: Chlorobenzene



Original Peak Response = 3536



Manual Peak Response = 3476 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A05.D
Acq On : 15 Sep 2025 3:44 pm
Operator : VOA110:JIC
Sample : I8260STD1PPB
Misc : WG2115392,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 16 09:11:02 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.248	96	177972	20.000 ug/L	0.00
Standard Area 1 = 192304			Recovery = 92.55%		
59) Chlorobenzene-d5	9.808	117	151625	20.000 ug/L	0.00
Standard Area 1 = 156268			Recovery = 97.03%		
79) 1,4-Dichlorobenzene-d4	12.456	152	88166	20.000 ug/L	0.00
Standard Area 1 = 92858			Recovery = 94.95%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.425	113	49754	20.797 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.99%		
43) 1,2-Dichloroethane-d4	5.959	65	50321	20.854 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.27%		
60) Toluene-d8	7.952	98	184548	19.251 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.25%		
83) 4-Bromofluorobenzene	11.265	95	74035	20.430 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.15%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.755	85	1572	0.677 ug/L	90
3) Chloromethane	1.959	50	2593	1.144 ug/L	99
4) Vinyl chloride	2.038	62	2321	0.800 ug/L	94
5) Bromomethane	2.368	94	3009	1.264 ug/L	94
6) Chloroethane	2.494	64	2014	0.993 ug/L	92
7) Trichlorofluoromethane	2.635	101	2839	0.678 ug/L	98
8) Ethyl ether	2.939	74	1749	1.014 ug/L	91
10) 1,1-Dichloroethene	3.139	96	2175	0.918 ug/L	85
11) Carbon disulfide	3.175	76	8308	0.967 ug/L	95
12) Freon-113	3.170	101	1417M6	0.578 ug/L	
14) Acrolein	3.464	56	1864	3.605 ug/L #	24
15) Methylene chloride	3.710	84	3315	1.515 ug/L	80
17) Acetone	3.757	43	2240	2.633 ug/L #	41
18) trans-1,2-Dichloroethene	3.867	96	2221	1.001 ug/L	78
19) Methyl acetate	3.883	43	2434	1.715 ug/L #	90
20) Methyl tert-butyl ether	3.967	73	6204	0.916 ug/L #	71
21) tert-Butyl alcohol	4.056	59	2597	7.471 ug/L #	73
22) Diisopropyl ether	4.324	45	5581	0.932 ug/L #	74
23) 1,1-Dichloroethane	4.455	63	3823M6	0.983 ug/L	
24) Halothane	4.497	117	1234	0.758 ug/L	83
25) Acrylonitrile	4.518	53	730	0.975 ug/L	99

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A05.D
Acq On : 15 Sep 2025 3:44 pm
Operator : VOA110:JIC
Sample : I8260STD1PPB
Misc : WG2115392,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 16 09:11:02 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
26) Ethyl tert-butyl ether	4.680	59	5762	0.907 ug/L	90
27) Vinyl acetate	0.000		0	N.D. d	
28) cis-1,2-Dichloroethene	4.989	96	2256	0.937 ug/L	95
29) 2,2-Dichloropropane	5.089	77	3608M1	1.110 ug/L	
30) Bromochloromethane	5.178	128	1188	1.053 ug/L	96
31) Cyclohexane	5.189	56	2382	0.685 ug/L	97
32) Chloroform	5.252	83	4844M6	1.304 ug/L	
33) Ethyl acetate	0.000		0	N.D. d	
34) Carbon tetrachloride	5.393	117	2185	0.712 ug/L	93
35) Tetrahydrofuran	5.414	42	1130	1.489 ug/L #	85
37) 1,1,1-Trichloroethane	5.451	97	2785	0.841 ug/L	96
39) 2-Butanone	0.000		0	N.D. d	
40) 1,1-Dichloropropene	5.582	75	2427M6	0.870 ug/L	
41) Benzene	5.823	78	7567M6	0.902 ug/L	
42) tert-Amyl methyl ether	5.933	73	5941	0.940 ug/L	93
44) 1,2-Dichloroethane	6.038	62	2664	0.982 ug/L	90
47) Methyl cyclohexane	6.421	83	1855	0.485 ug/L	99
48) Trichloroethene	6.426	95	2180	0.983 ug/L	87
50) Dibromomethane	6.877	93	1382	1.027 ug/L	89
51) 1,2-Dichloropropane	6.982	63	2188	1.021 ug/L	91
53) 2-Chloroethyl vinyl ether	0.000		0	N.D.	
54) Bromodichloromethane	7.040	83	2673	0.889 ug/L	88
57) 1,4-Dioxane	7.281	88	648M6	23.769 ug/L	
58) cis-1,3-Dichloropropene	7.742	75	2919M6	0.805 ug/L	
61) Toluene	8.009	92	5309M6	0.915 ug/L	
62) 4-Methyl-2-pentanone	8.445	58	634	0.680 ug/L #	23
63) Tetrachloroethene	8.460	166	2000	0.832 ug/L #	81
65) trans-1,3-Dichloropropene	8.497	75	2887	0.837 ug/L #	72
67) Ethyl methacrylate	8.681	69	2514	0.823 ug/L	88
68) 1,1,2-Trichloroethane	8.686	83	1403M6	0.816 ug/L	
69) Chlorodibromomethane	8.896	129	2370	0.941 ug/L	96
70) 1,3-Dichloropropane	9.006	76	3202	0.909 ug/L #	84
71) 1,2-Dibromoethane	9.179	107	1843	0.851 ug/L	99
72) 2-Hexanone	9.472	43	2049M1	1.299 ug/L	
73) Chlorobenzene	9.824	112	5551	0.816 ug/L #	58
74) Ethylbenzene	9.860	91	10669M1	0.953 ug/L	
75) 1,1,1,2-Tetrachloroethane	9.907	131	2016	0.799 ug/L #	83
76) p/m Xylene	10.049	106	8135	1.785 ug/L	97
77) o Xylene	10.573	106	7723	1.694 ug/L	96
78) Styrene	10.641	104	13022	1.663 ug/L	98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A05.D
Acq On : 15 Sep 2025 3:44 pm
Operator : VOA110:JIC
Sample : I8260STD1PPB
Misc : WG2115392,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 16 09:11:02 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	10.657	173	1596	0.879	ug/L		78
82) Isopropylbenzene	10.946	105	10181	0.884	ug/L		99
84) Bromobenzene	11.376	156	2931	0.970	ug/L		99
85) n-Propylbenzene	11.417	91	11683	0.872	ug/L		100
86) 1,4-Dichlorobutane	11.438	55	4016	1.096	ug/L		97
87) 1,1,2,2-Tetrachloroethane	11.496	83	2969M6	0.955	ug/L		
88) 4-Ethyltoluene	11.538	105	10647	0.917	ug/L		97
89) 2-Chlorotoluene	11.585	91	7280	0.911	ug/L		97
90) 1,3,5-Trimethylbenzene	11.632	105	8769	0.882	ug/L		95
91) 1,2,3-Trichloropropane	11.632	75	2341	0.950	ug/L		96
92) trans-1,4-Dichloro-2-b...	11.695	53	922	1.040	ug/L	#	70
93) 4-Chlorotoluene	11.769	91	7775M6	0.917	ug/L		
94) tert-Butylbenzene	11.973	119	7183	0.815	ug/L		95
97) 1,2,4-Trimethylbenzene	12.052	105	8389	0.838	ug/L		100
98) sec-Butylbenzene	12.157	105	10544	0.812	ug/L		97
99) p-Isopropyltoluene	12.309	119	9159	0.786	ug/L		97
100) 1,3-Dichlorobenzene	12.387	146	5368	0.897	ug/L		97
101) 1,4-Dichlorobenzene	12.471	146	5928	0.972	ug/L	#	85
102) p-Diethylbenzene	12.681	119	5638M6	0.805	ug/L		
103) n-Butylbenzene	12.739	91	8316	0.848	ug/L		94
104) 1,2-Dichlorobenzene	12.896	146	5080	0.881	ug/L		99
105) 1,2,4,5-Tetramethylben...	13.462	119	9063	0.817	ug/L		97
106) 1,2-Dibromo-3-chloropr...	13.667	155	493	0.795	ug/L		94
107) 1,3,5-Trichlorobenzene	13.693	180	4029	0.914	ug/L		90
108) Hexachlorobutadiene	14.270	225	1523	0.739	ug/L		97
109) 1,2,4-Trichlorobenzene	14.296	180	3708	0.934	ug/L		96
110) Naphthalene	14.589	128	10100	0.958	ug/L		100
111) 1,2,3-Trichlorobenzene	14.757	180	3321	0.873	ug/L		97

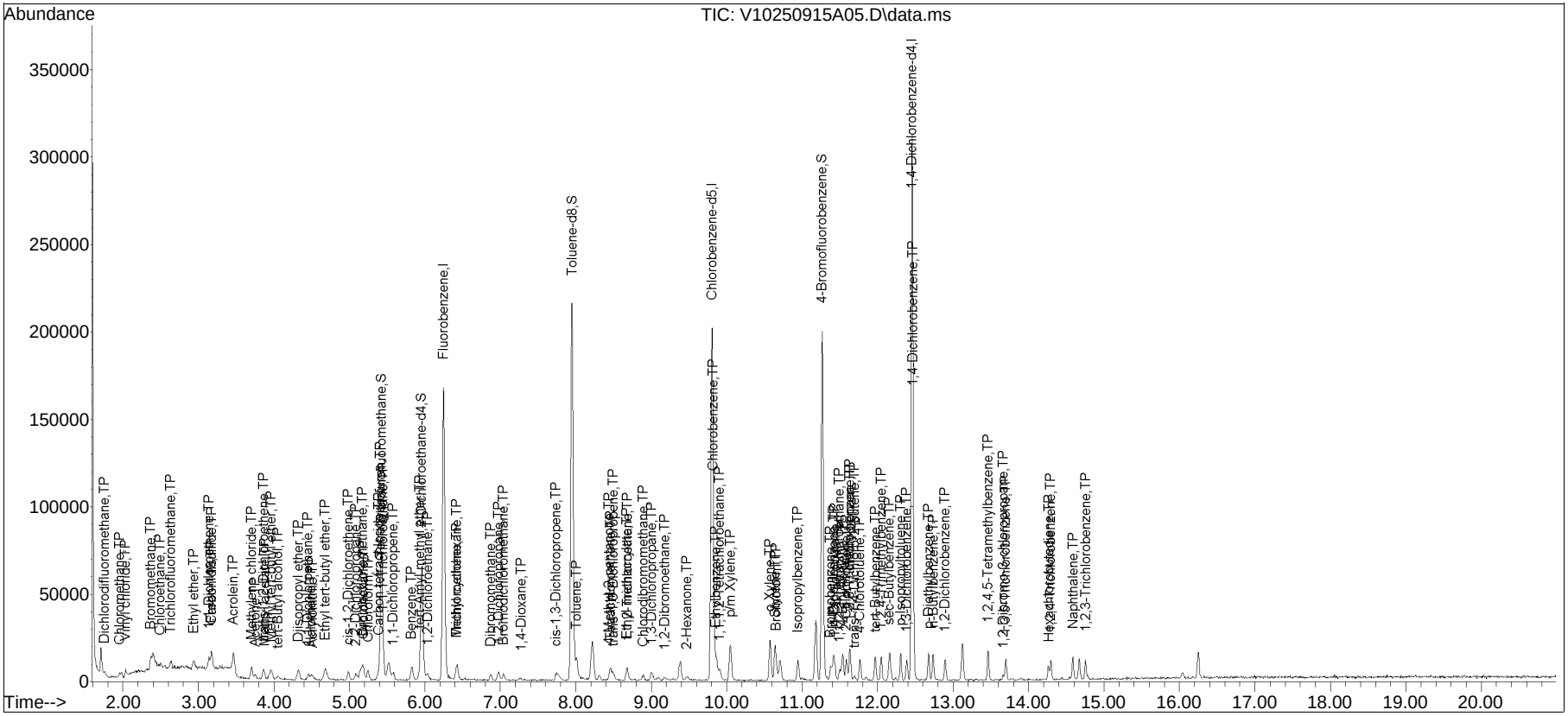
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A05.D
Acq On : 15 Sep 2025 3:44 pm
Operator : VOA110:JIC
Sample : I8260STD1PPB
Misc : WG2115392,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 16 09:11:02 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

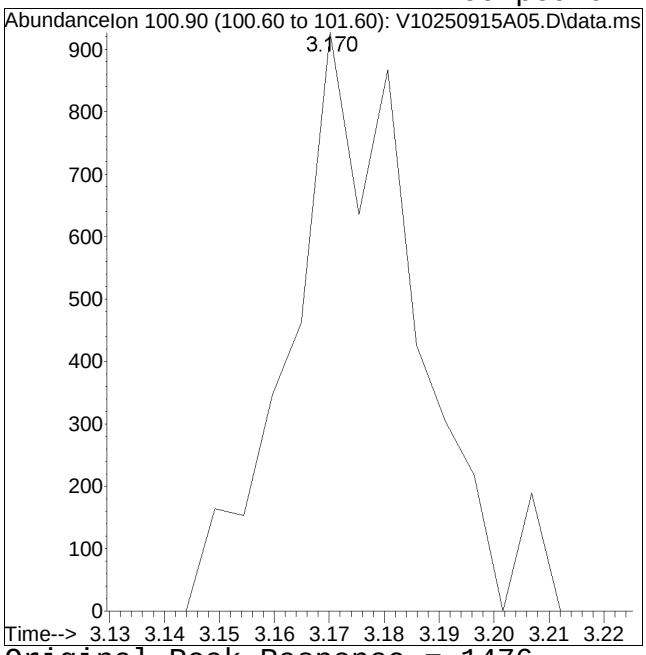
Sub List : 8260-CurveSoil - Megamix plus Diox250915A11.D•



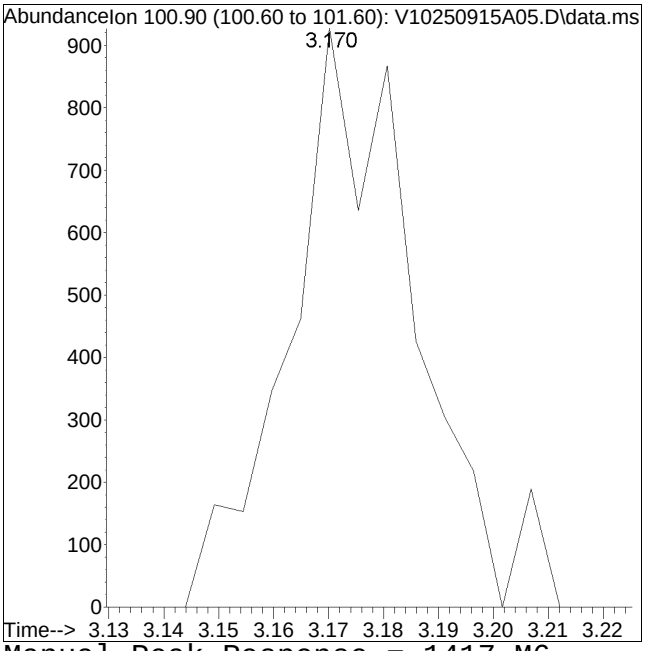
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A05.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 3:44 pm Instrument : VOA110
Sample : I8260STD1PPB Quant Date : 9/16/2025 9:02 am

Compound #12: Freon-113



Original Peak Response = 1476



Manual Peak Response = 1417 M6

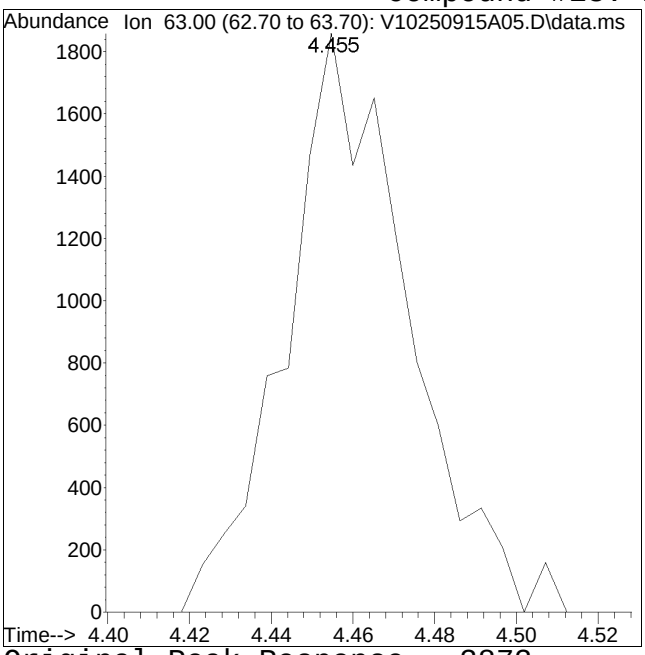
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

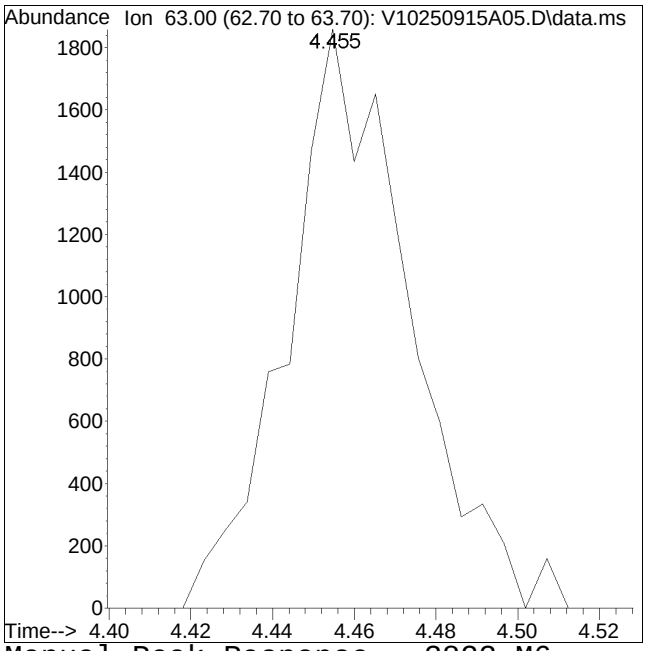
Data Path : K:\VOA110\2025\250915AICALQ
Data File : V10250915A05.D
Date Inj'd : 9/15/2025 3:44 pm
Sample : I8260STD1PPB

Method : V110_250915A_8260.m
Operator : VOA110:JIC
Instrument : VOA110
Quant Date : 9/16/2025 9:02 am

Compound #23: 1,1-Dichloroethane



Original Peak Response = 3873



Manual Peak Response = 3823 M6

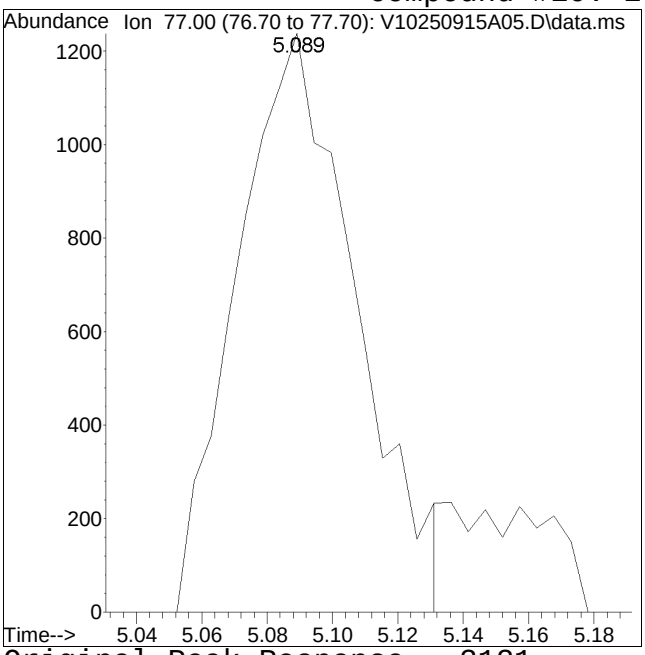
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

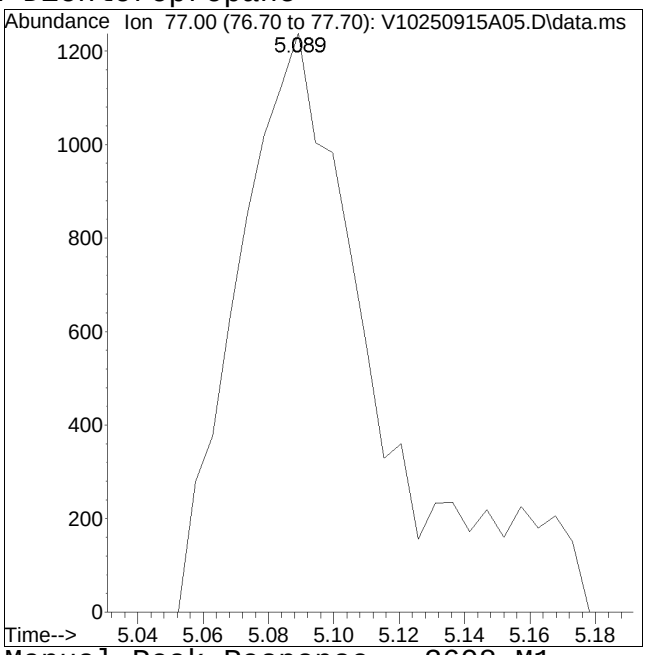
Data Path : K:\VOA110\2025\250915AICALQ
Data File : V10250915A05.D
Date Inj'd : 9/15/2025 3:44 pm
Sample : I8260STD1PPB

Method : V110_250915A_8260.m
Operator : VOA110:JIC
Instrument : VOA110
Quant Date : 9/16/2025 9:02 am

Compound #29: 2,2-Dichloropropane



Original Peak Response = 3121



Manual Peak Response = 3608 M1

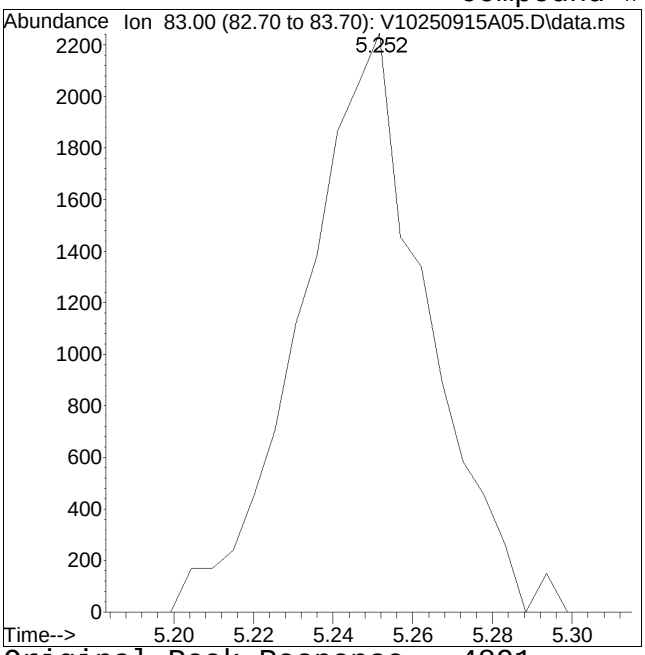
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

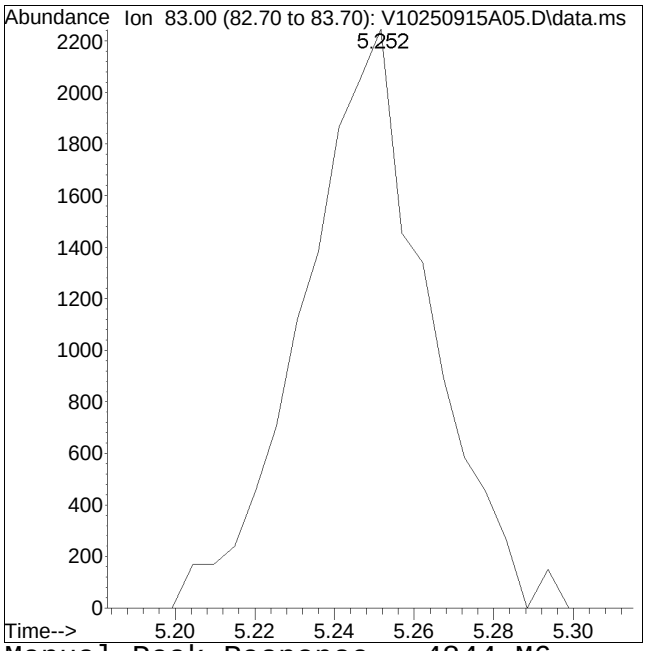
Data Path : K:\VOA110\2025\250915AICALQ
Data File : V10250915A05.D
Date Inj'd : 9/15/2025 3:44 pm
Sample : I8260STD1PPB

Method : V110_250915A_8260.m
Operator : VOA110:JIC
Instrument : VOA110
Quant Date : 9/16/2025 9:02 am

Compound #32: Chloroform



Original Peak Response = 4891



Manual Peak Response = 4844 M6

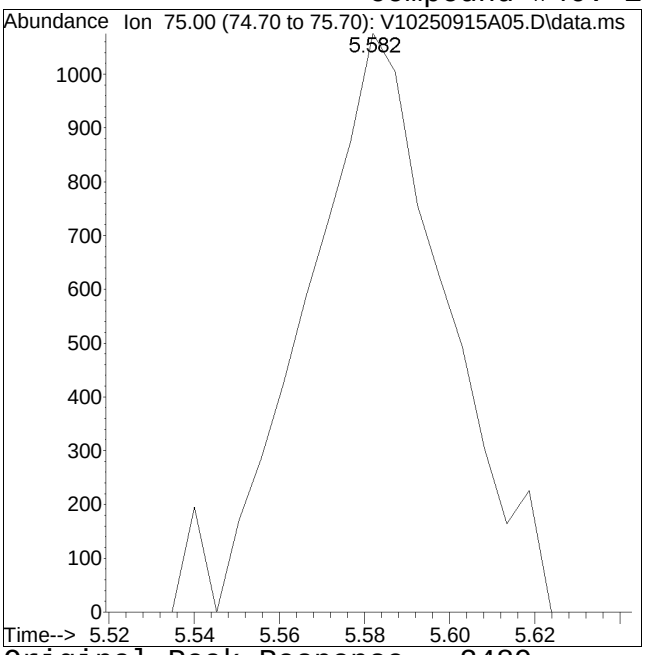
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

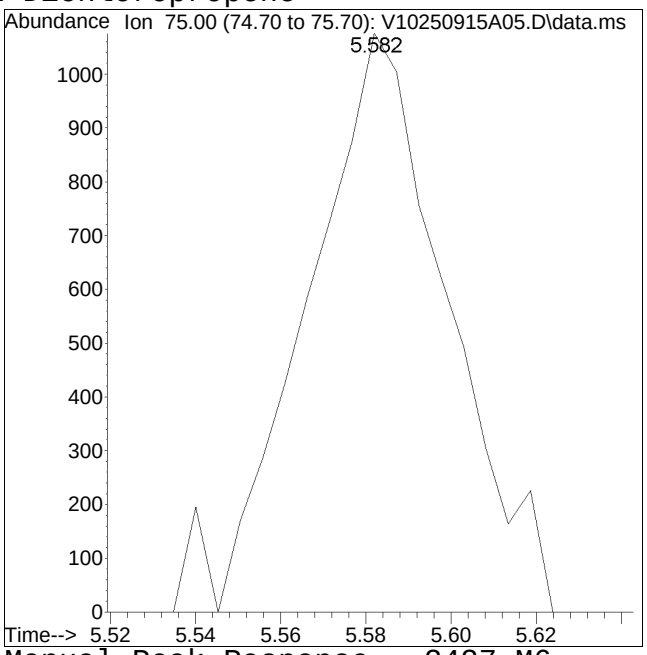
Data Path : K:\VOA110\2025\250915AICALQ
Data File : V10250915A05.D
Date Inj'd : 9/15/2025 3:44 pm
Sample : I8260STD1PPB

Method : V110_250915A_8260.m
Operator : VOA110:JIC
Instrument : VOA110
Quant Date : 9/16/2025 9:02 am

Compound #40: 1,1-Dichloropropene



Original Peak Response = 2489



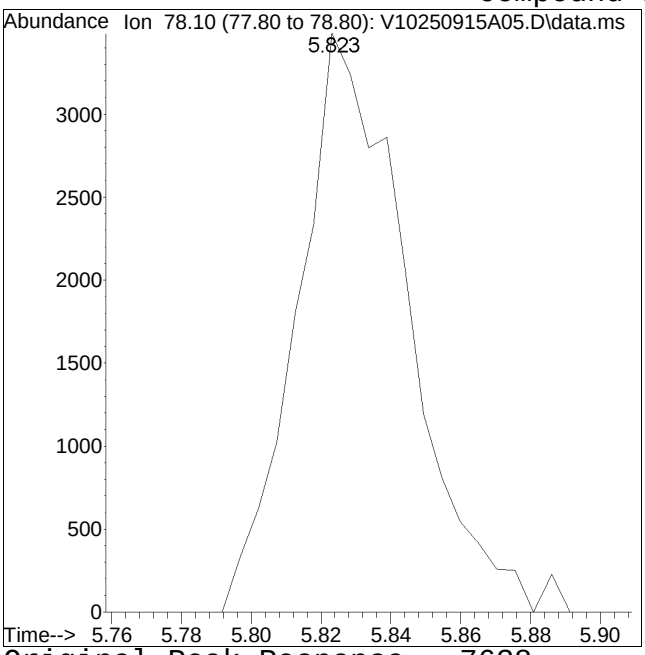
Manual Peak Response = 2427 M6

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

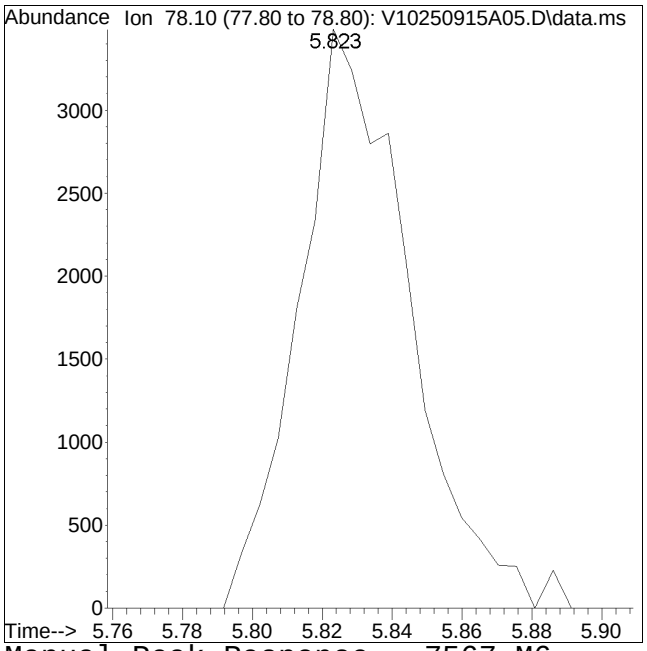
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A05.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 3:44 pm Instrument : VOA110
Sample : I8260STD1PPB Quant Date : 9/16/2025 9:02 am

Compound #41: Benzene



Original Peak Response = 7638



Manual Peak Response = 7567 M6

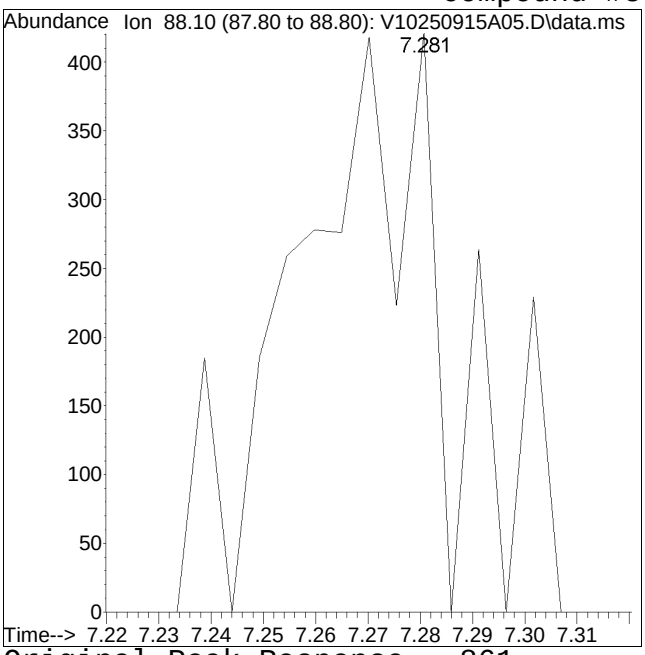
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

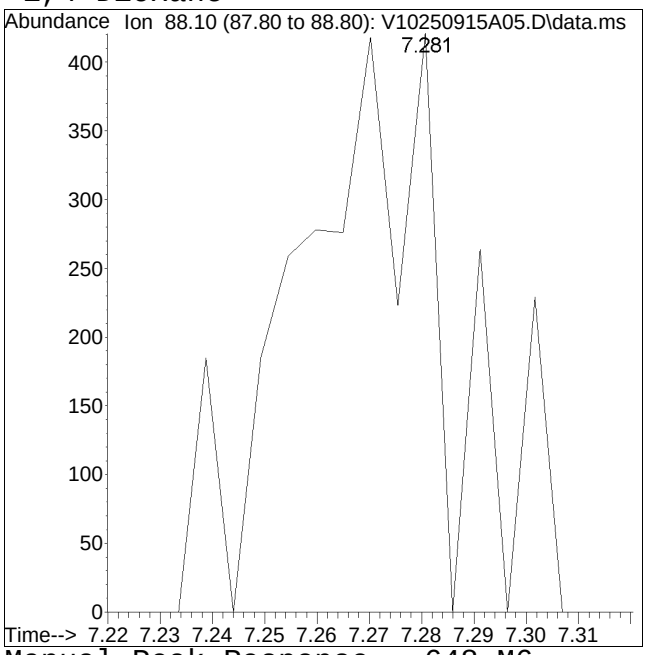
Data Path : K:\VOA110\2025\250915AICALQ
Data File : V10250915A05.D
Date Inj'd : 9/15/2025 3:44 pm
Sample : I8260STD1PPB

Method : V110_250915A_8260.m
Operator : VOA110:JIC
Instrument : VOA110
Quant Date : 9/16/2025 9:02 am

Compound #57: 1,4-Dioxane



Original Peak Response = 861



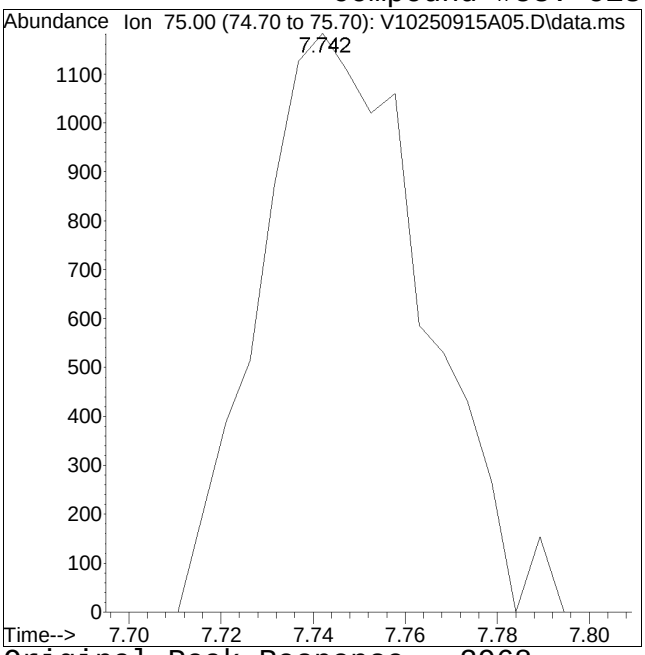
Manual Peak Response = 648 M6

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

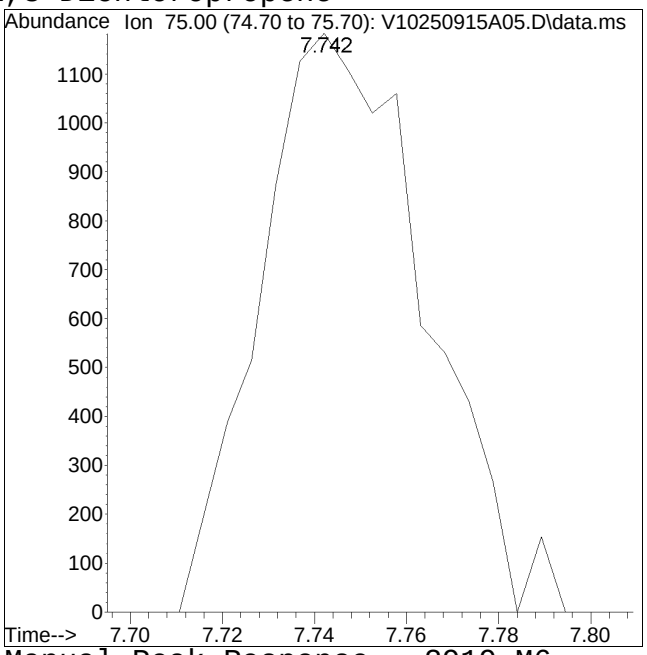
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A05.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 3:44 pm Instrument : VOA110
Sample : I8260STD1PPB Quant Date : 9/16/2025 9:02 am

Compound #58: cis-1,3-Dichloropropene



Original Peak Response = 2968



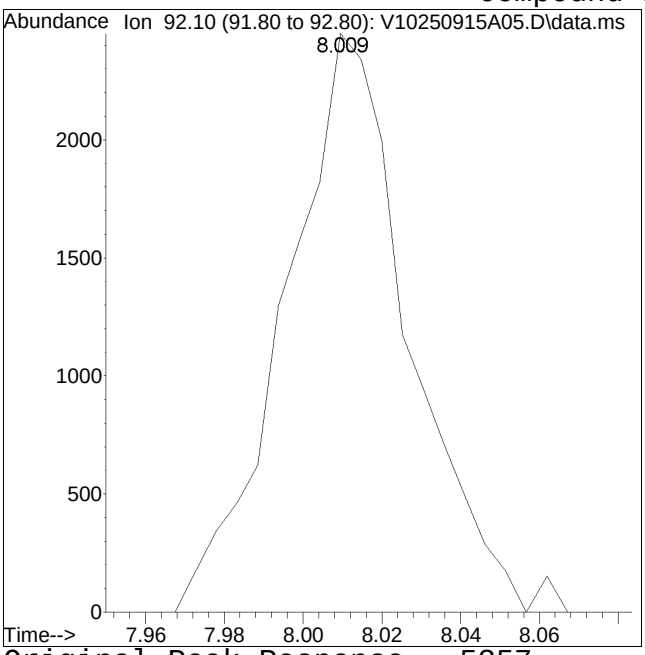
Manual Peak Response = 2919 M6

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

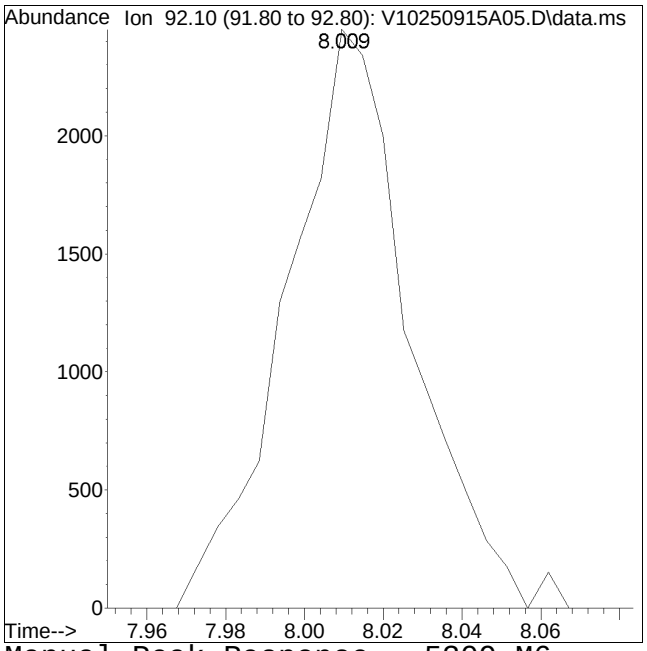
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A05.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 3:44 pm Instrument : VOA110
Sample : I8260STD1PPB Quant Date : 9/16/2025 9:02 am

Compound #61: Toluene



Original Peak Response = 5357



Manual Peak Response = 5309 M6

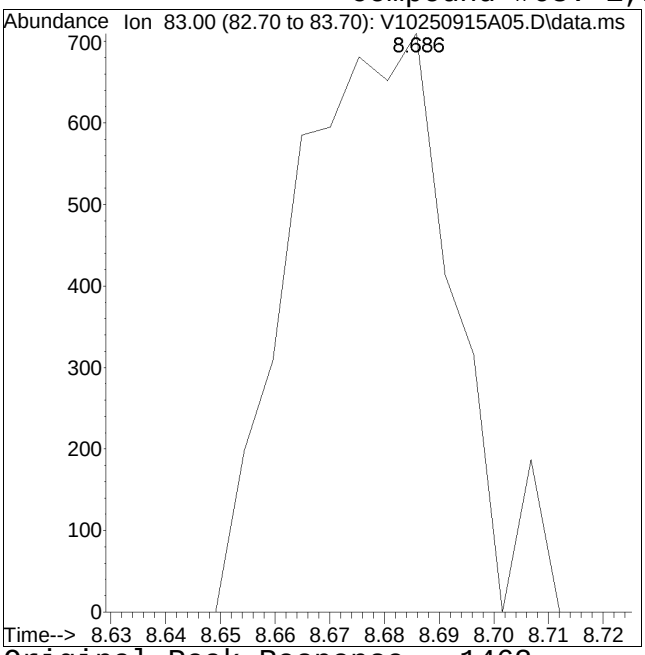
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

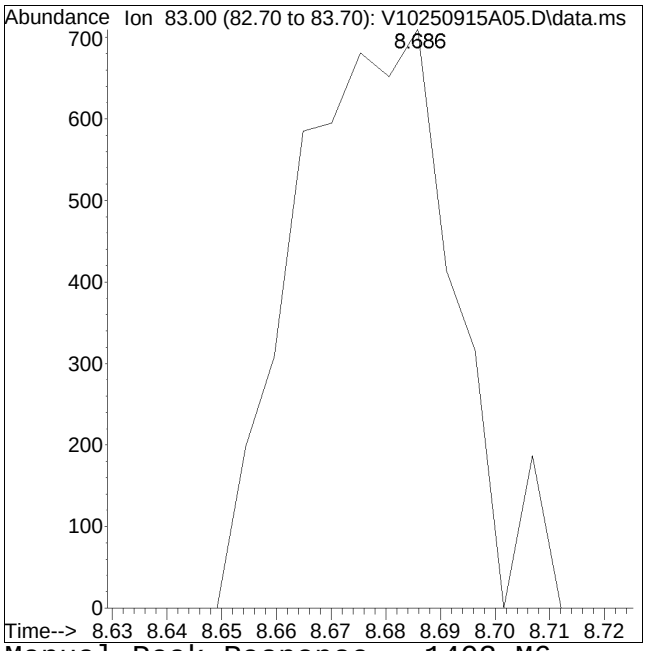
Data Path : K:\VOA110\2025\250915AICALQ
Data File : V10250915A05.D
Date Inj'd : 9/15/2025 3:44 pm
Sample : I8260STD1PPB

Method : V110_250915A_8260.m
Operator : VOA110:JIC
Instrument : VOA110
Quant Date : 9/16/2025 9:02 am

Compound #68: 1,1,2-Trichloroethane



Original Peak Response = 1462



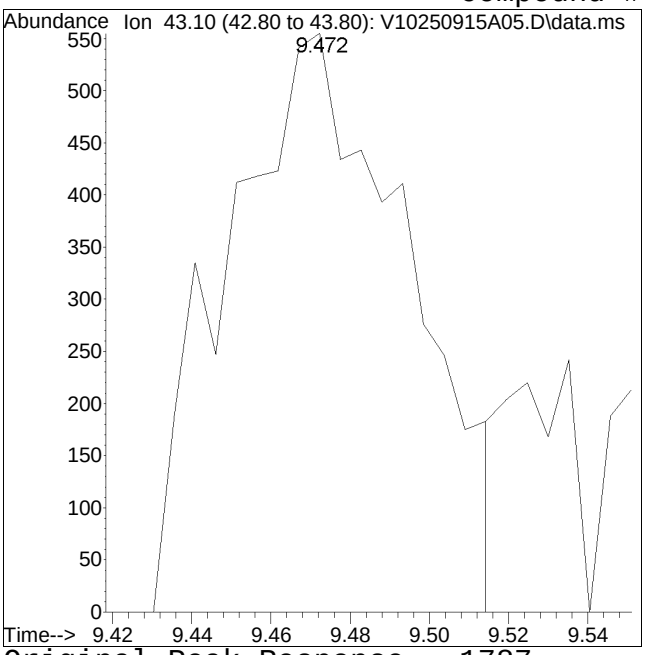
Manual Peak Response = 1403 M6

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

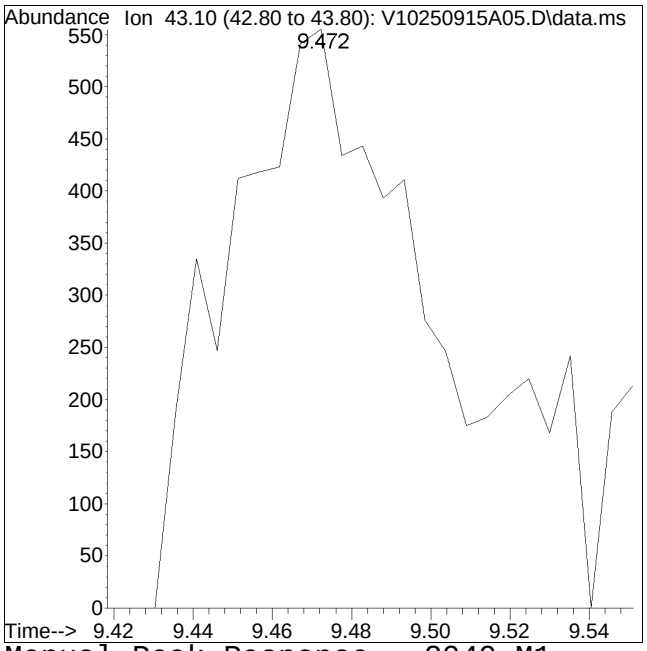
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A05.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 3:44 pm Instrument : VOA110
Sample : I8260STD1PPB Quant Date : 9/16/2025 9:02 am

Compound #72: 2-Hexanone



Original Peak Response = 1787



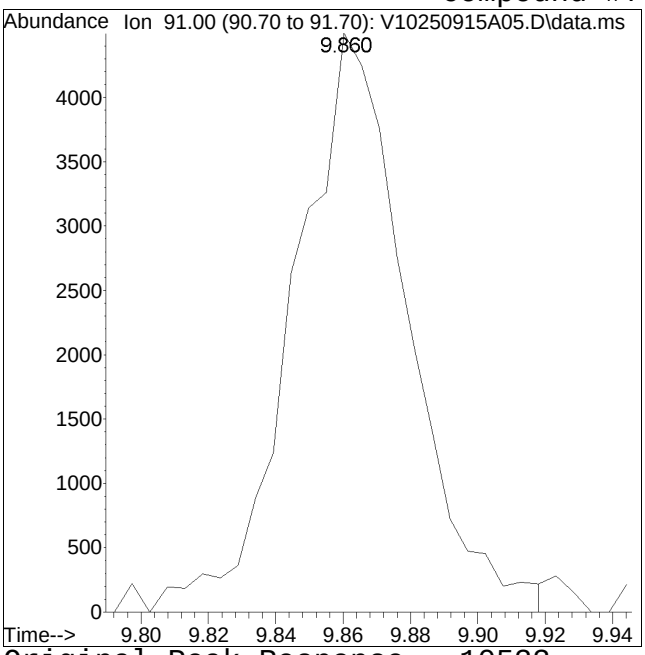
Manual Peak Response = 2049 M1

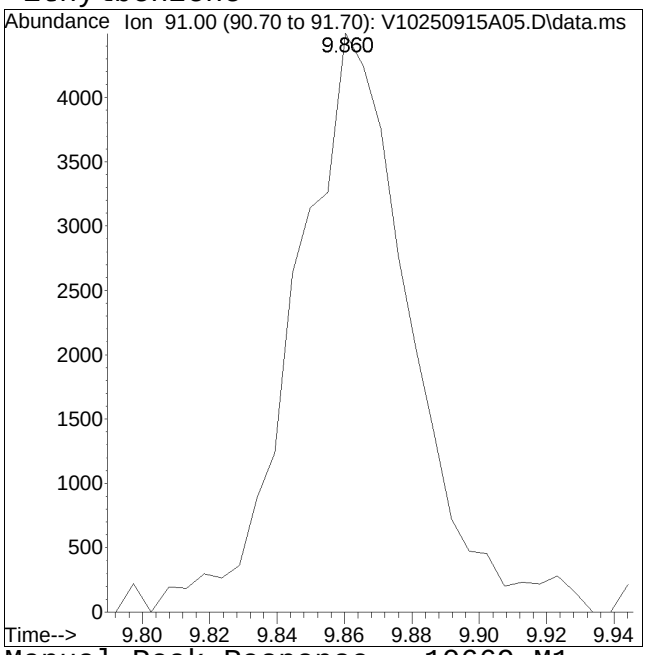
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A05.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 3:44 pm Instrument : VOA110
Sample : I8260STD1PPB Quant Date : 9/16/2025 9:02 am

Compound #74: Ethylbenzene





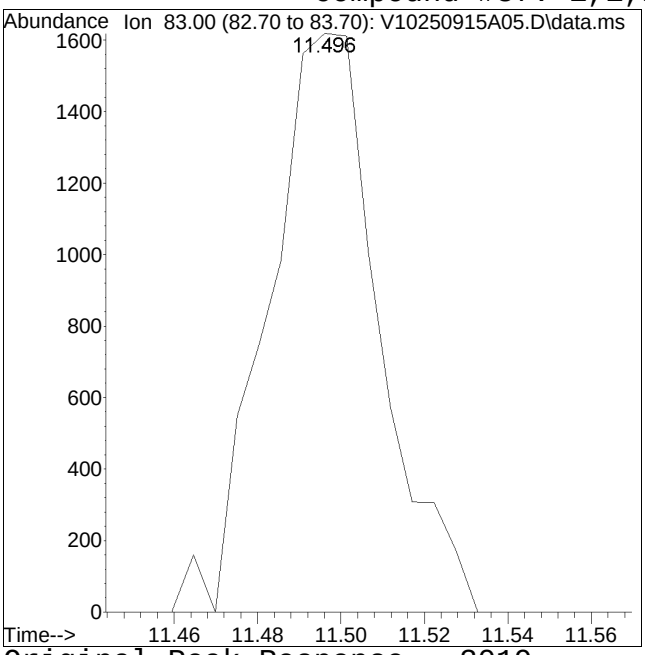
Original Peak Response = 10533 Manual Peak Response = 10669 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

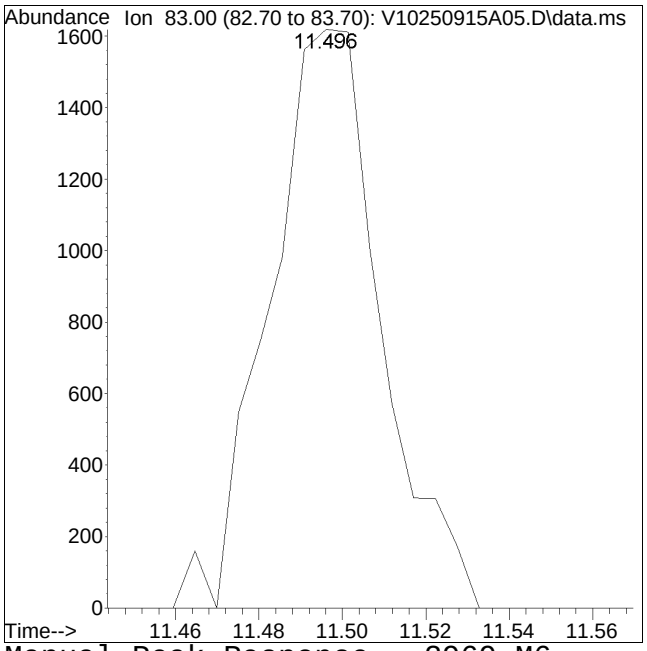
Data Path : K:\VOA110\2025\250915AICALQ
Data File : V10250915A05.D
Date Inj'd : 9/15/2025 3:44 pm
Sample : I8260STD1PPB

Method : V110_250915A_8260.m
Operator : VOA110:JIC
Instrument : VOA110
Quant Date : 9/16/2025 9:02 am

Compound #87: 1,1,2,2-Tetrachloroethane



Original Peak Response = 3019



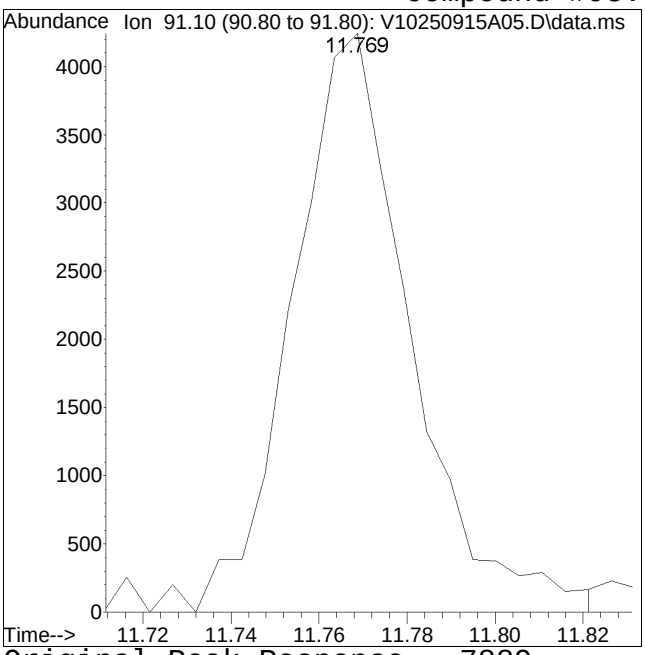
Manual Peak Response = 2969 M6

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

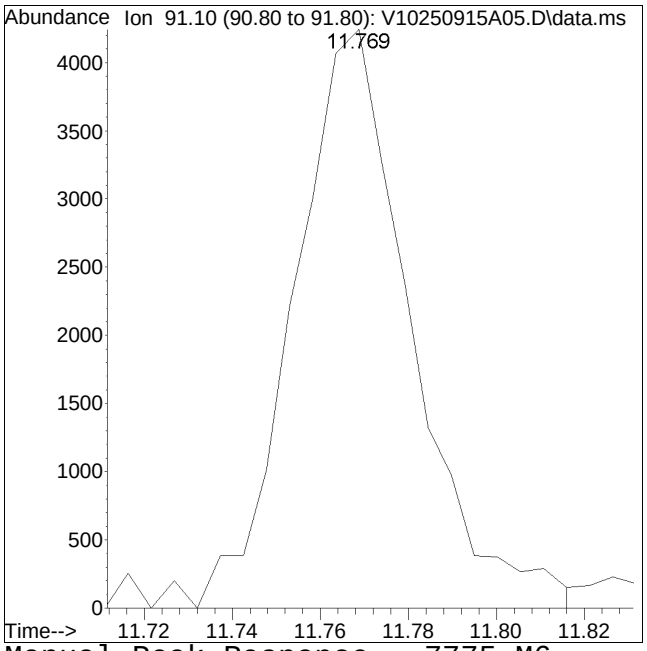
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A05.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 3:44 pm Instrument : VOA110
Sample : I8260STD1PPB Quant Date : 9/16/2025 9:02 am

Compound #93: 4-Chlorotoluene



Original Peak Response = 7889



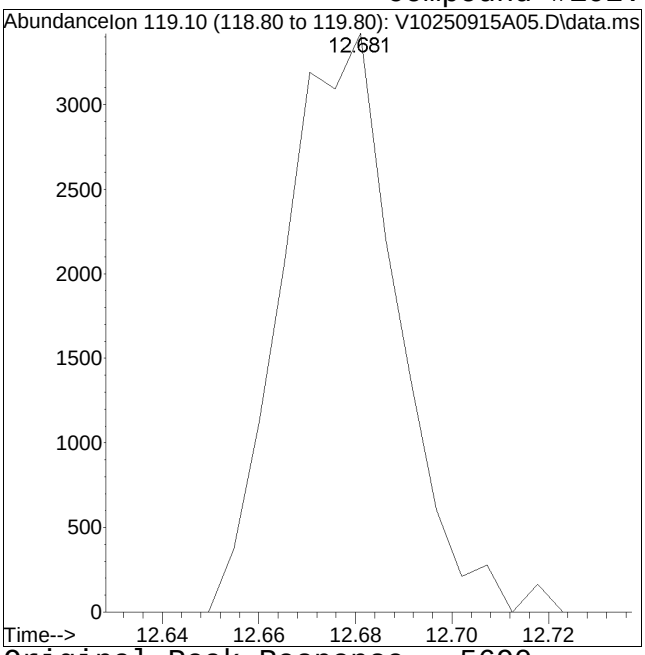
Manual Peak Response = 7775 M6

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

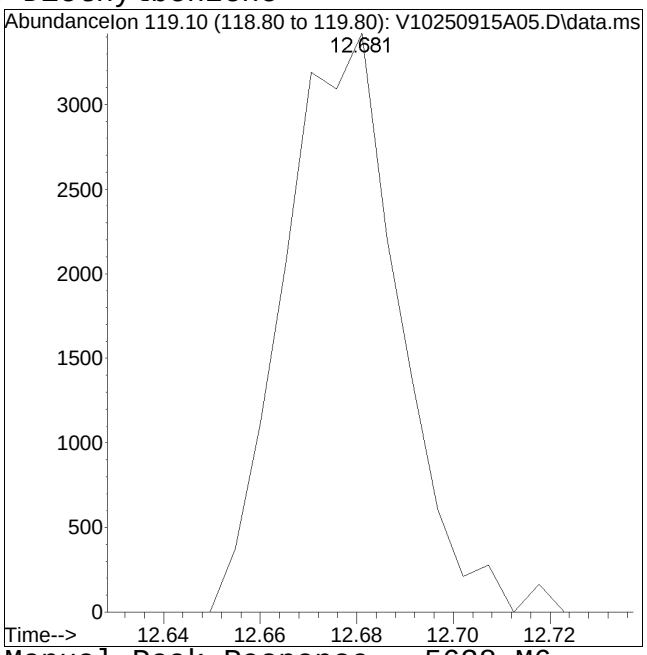
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A05.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 3:44 pm Instrument : VOA110
Sample : I8260STD1PPB Quant Date : 9/16/2025 9:02 am

Compound #102: p-Diethylbenzene



Original Peak Response = 5690



Manual Peak Response = 5638 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A07.D
Acq On : 15 Sep 2025 4:38 pm
Operator : VOA110:JIC
Sample : I8260STD2PPB
Misc : WG2115392,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 16 09:15:29 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.248	96	179504	20.000 ug/L	0.00
Standard Area 1 = 192304			Recovery = 93.34%		
59) Chlorobenzene-d5	9.803	117	152873	20.000 ug/L	0.00
Standard Area 1 = 156268			Recovery = 97.83%		
79) 1,4-Dichlorobenzene-d4	12.456	152	88259	20.000 ug/L	0.00
Standard Area 1 = 92858			Recovery = 95.05%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.430	113	50620	20.979 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.90%		
43) 1,2-Dichloroethane-d4	5.965	65	49155	20.197 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.98%		
60) Toluene-d8	7.947	98	186068	19.251 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.25%		
83) 4-Bromofluorobenzene	11.266	95	75821	20.901 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.51%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.755	85	3722	1.590 ug/L	93
3) Chloromethane	1.959	50	5615	2.455 ug/L	97
4) Vinyl chloride	2.038	62	6017	2.057 ug/L	94
5) Bromomethane	2.368	94	6068	2.528 ug/L	86
6) Chloroethane	2.494	64	4362	2.133 ug/L	98
7) Trichlorofluoromethane	2.641	101	6835	1.618 ug/L	98
8) Ethyl ether	2.940	74	3826	2.200 ug/L	89
10) 1,1-Dichloroethene	3.139	96	5018	2.100 ug/L	91
11) Carbon disulfide	3.176	76	19378	2.236 ug/L	99
12) Freon-113	3.176	101	3389	1.370 ug/L #	1
14) Acrolein	3.464	56	2503M6	4.800 ug/L	
15) Methylene chloride	3.705	84	5806	2.631 ug/L	82
17) Acetone	3.752	43	4075	4.749 ug/L #	34
18) trans-1,2-Dichloroethene	3.862	96	4594	2.052 ug/L	92
19) Methyl acetate	3.873	43	3037M6	2.122 ug/L	
20) Methyl tert-butyl ether	3.962	73	12977	1.900 ug/L	90
21) tert-Butyl alcohol	4.056	59	3863	11.018 ug/L #	79
22) Diisopropyl ether	4.324	45	12009	1.988 ug/L	88
23) 1,1-Dichloroethane	4.460	63	8570	2.184 ug/L	96
24) Halothane	4.502	117	3516	2.142 ug/L	95
25) Acrylonitrile	4.513	53	1532	2.029 ug/L #	85

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A07.D
Acq On : 15 Sep 2025 4:38 pm
Operator : VOA110:JIC
Sample : I8260STD2PPB
Misc : WG2115392,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 16 09:15:29 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.680	59	12740	1.988	ug/L		88
27) Vinyl acetate	4.696	43	8239M1	1.991	ug/L		
28) cis-1,2-Dichloroethene	4.984	96	5294	2.180	ug/L		97
29) 2,2-Dichloropropane	5.094	77	7176M6	2.189	ug/L		
30) Bromochloromethane	5.173	128	2736	2.405	ug/L		84
31) Cyclohexane	5.184	56	4898M6	1.397	ug/L		
32) Chloroform	5.247	83	9400	2.510	ug/L		96
33) Ethyl acetate	5.362	43	4305	2.107	ug/L	#	88
34) Carbon tetrachloride	5.393	117	5775	1.865	ug/L		95
35) Tetrahydrofuran	5.425	42	1642	2.146	ug/L		98
37) 1,1,1-Trichloroethane	5.456	97	6718	2.012	ug/L		95
39) 2-Butanone	5.556	43	1554M3	1.793	ug/L		
40) 1,1-Dichloropropene	5.577	75	5422M6	1.928	ug/L		
41) Benzene	5.829	78	17927M1	2.120	ug/L		
42) tert-Amyl methyl ether	5.939	73	12058	1.892	ug/L		96
44) 1,2-Dichloroethane	6.033	62	6123	2.237	ug/L		93
47) Methyl cyclohexane	6.421	83	4325	1.122	ug/L		98
48) Trichloroethene	6.431	95	4585M1	2.050	ug/L		
50) Dibromomethane	6.867	93	3156	2.326	ug/L		97
51) 1,2-Dichloropropane	6.982	63	4511	2.087	ug/L		96
53) 2-Chloroethyl vinyl ether	0.000		0	N.D.			
54) Bromodichloromethane	7.050	83	6280	2.070	ug/L	#	95
57) 1,4-Dioxane	7.255	88	1834	66.698	ug/L		96
58) cis-1,3-Dichloropropene	7.742	75	6359	1.739	ug/L	#	83
61) Toluene	8.010	92	11636	1.989	ug/L		96
62) 4-Methyl-2-pentanone	8.445	58	1462	1.556	ug/L	#	71
63) Tetrachloroethene	8.460	166	4882	2.015	ug/L		95
65) trans-1,3-Dichloropropene	8.497	75	6132	1.763	ug/L		97
67) Ethyl methacrylate	8.675	69	5316	1.727	ug/L		82
68) 1,1,2-Trichloroethane	8.675	83	3491	2.015	ug/L		93
69) Chlorodibromomethane	8.885	129	4825	1.899	ug/L		92
70) 1,3-Dichloropropane	9.006	76	6796	1.914	ug/L		97
71) 1,2-Dibromoethane	9.179	107	3867	1.771	ug/L		96
72) 2-Hexanone	9.457	43	3560M1	2.238	ug/L		
73) Chlorobenzene	9.824	112	14024	2.045	ug/L	#	77
74) Ethylbenzene	9.866	91	23538M1	2.086	ug/L		
75) 1,1,1,2-Tetrachloroethane	9.908	131	4703	1.849	ug/L		95
76) p/m Xylene	10.044	106	17520	3.813	ug/L		98
77) o Xylene	10.573	106	17638	3.837	ug/L		100
78) Styrene	10.642	104	27649	3.501	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A07.D
Acq On : 15 Sep 2025 4:38 pm
Operator : VOA110:JIC
Sample : I8260STD2PPB
Misc : WG2115392,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 16 09:15:29 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.668	173	2919	1.606	ug/L	88
82) Isopropylbenzene	10.940	105	22717	1.971	ug/L	100
84) Bromobenzene	11.376	156	5860	1.938	ug/L	97
85) n-Propylbenzene	11.412	91	26084	1.944	ug/L	100
86) 1,4-Dichlorobutane	11.433	55	7567M6	2.063	ug/L	
87) 1,1,2,2-Tetrachloroethane	11.491	83	5921	1.902	ug/L	97
88) 4-Ethyltoluene	11.538	105	23739	2.042	ug/L	98
89) 2-Chlorotoluene	11.585	91	16987	2.124	ug/L	98
90) 1,3,5-Trimethylbenzene	11.633	105	19353	1.944	ug/L	99
91) 1,2,3-Trichloropropane	11.638	75	4724	1.914	ug/L	93
92) trans-1,4-Dichloro-2-b...	11.690	53	1762	1.986	ug/L	88
93) 4-Chlorotoluene	11.769	91	17259	2.034	ug/L	95
94) tert-Butylbenzene	11.968	119	17030	1.930	ug/L	97
97) 1,2,4-Trimethylbenzene	12.047	105	19223	1.917	ug/L	98
98) sec-Butylbenzene	12.157	105	23576	1.814	ug/L	97
99) p-Isopropyltoluene	12.304	119	21713	1.862	ug/L	98
100) 1,3-Dichlorobenzene	12.382	146	11821	1.972	ug/L	99
101) 1,4-Dichlorobenzene	12.471	146	12635	2.070	ug/L	95
102) p-Diethylbenzene	12.676	119	13147	1.875	ug/L	96
103) n-Butylbenzene	12.734	91	18022	1.835	ug/L	97
104) 1,2-Dichlorobenzene	12.896	146	10891	1.888	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.462	119	20162	1.816	ug/L	97
106) 1,2-Dibromo-3-chloropr...	13.667	155	936	1.508	ug/L	80
107) 1,3,5-Trichlorobenzene	13.698	180	8201	1.859	ug/L	97
108) Hexachlorobutadiene	14.265	225	3581	1.735	ug/L	93
109) 1,2,4-Trichlorobenzene	14.296	180	7176	1.805	ug/L	95
110) Naphthalene	14.584	128	19130	1.813	ug/L	100
111) 1,2,3-Trichlorobenzene	14.752	180	6994	1.836	ug/L	94

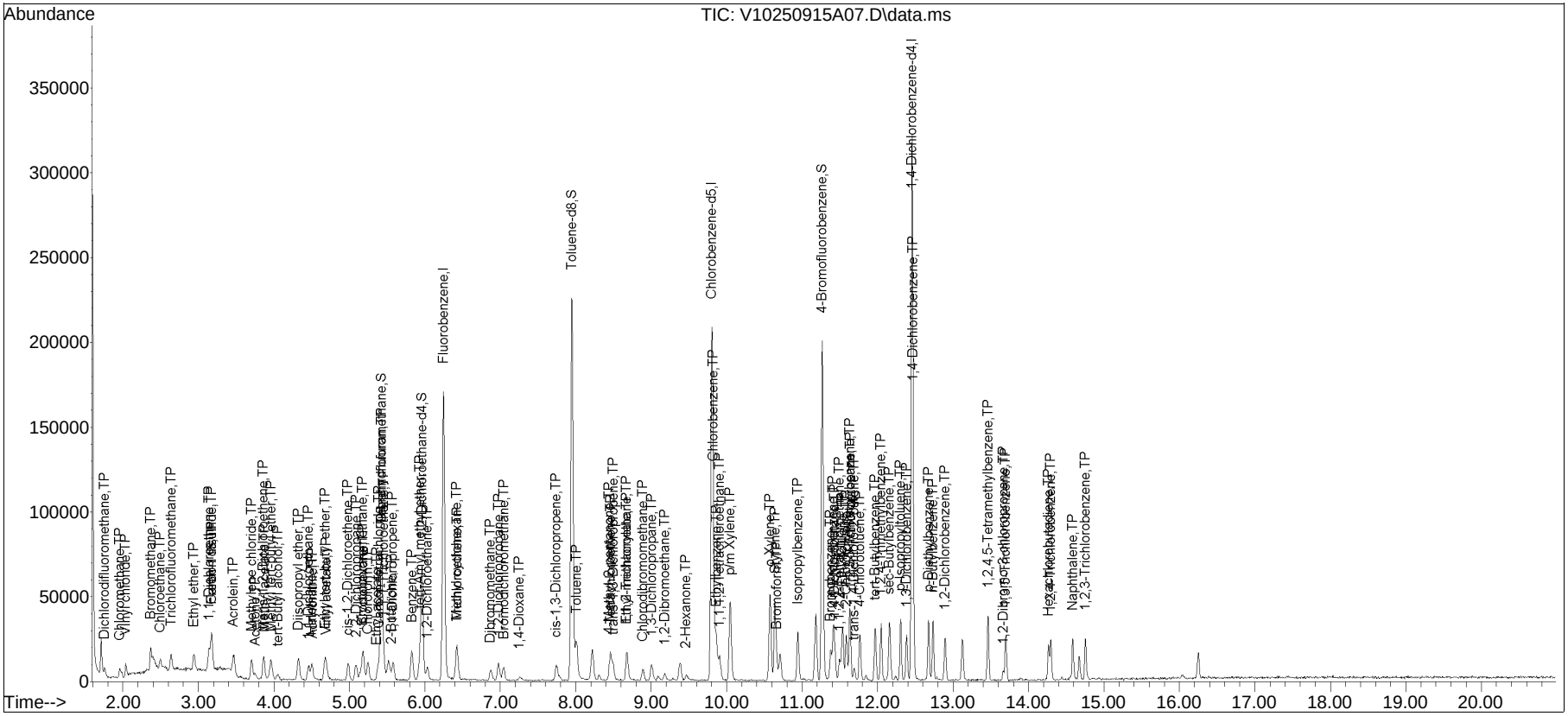
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A07.D
Acq On : 15 Sep 2025 4:38 pm
Operator : VOA110:JIC
Sample : I8260STD2PPB
Misc : WG2115392,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 16 09:15:29 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox250915A11.D•

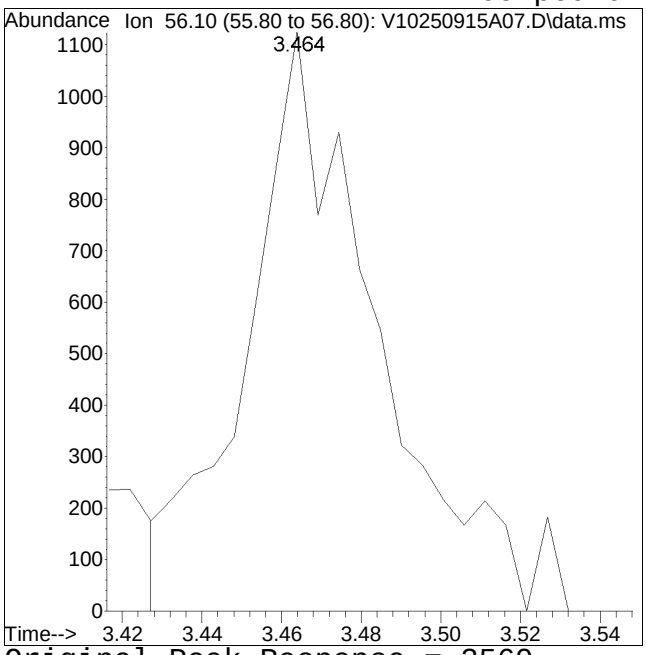


Manual Integration Report

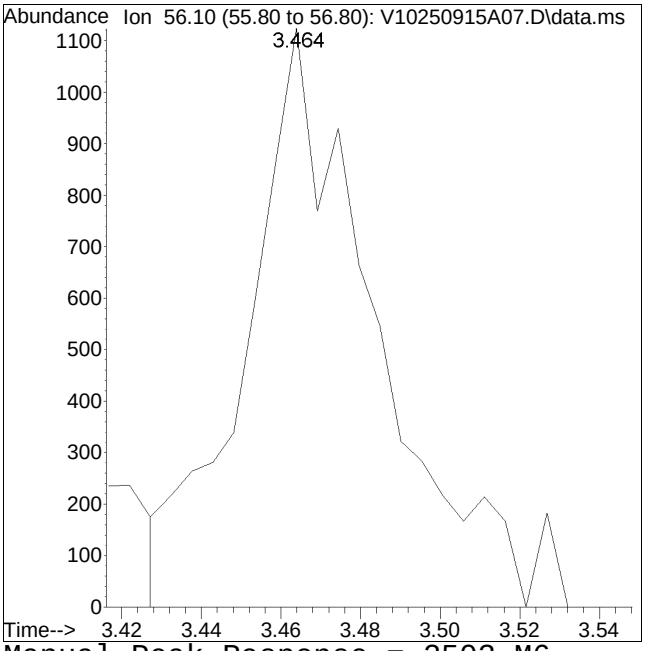
Data Path : K:\VOA110\2025\250915AICALQ
Data File : V10250915A07.D
Date Inj'd : 9/15/2025 4:38 pm
Sample : I8260STD2PPB

Method : V110_250915A_8260.m
Operator : VOA110:JIC
Instrument : VOA110
Quant Date : 9/16/2025 9:02 am

Compound #14: Acrolein



Original Peak Response = 2560



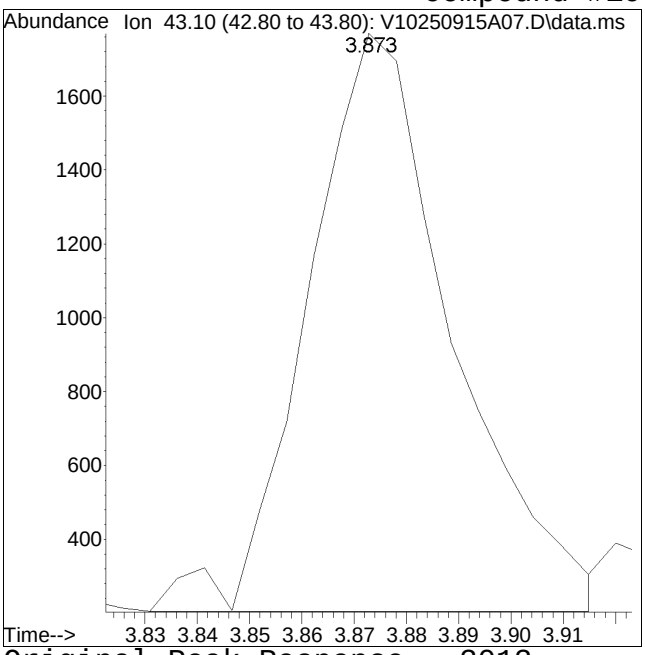
Manual Peak Response = 2503 M6

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

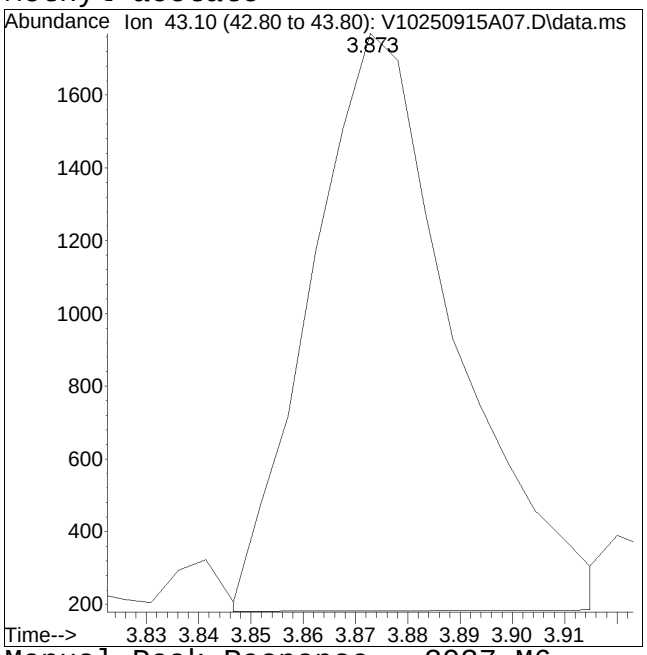
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A07.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 4:38 pm Instrument : VOA110
Sample : I8260STD2PPB Quant Date : 9/16/2025 9:02 am

Compound #19: Methyl acetate



Original Peak Response = 3013



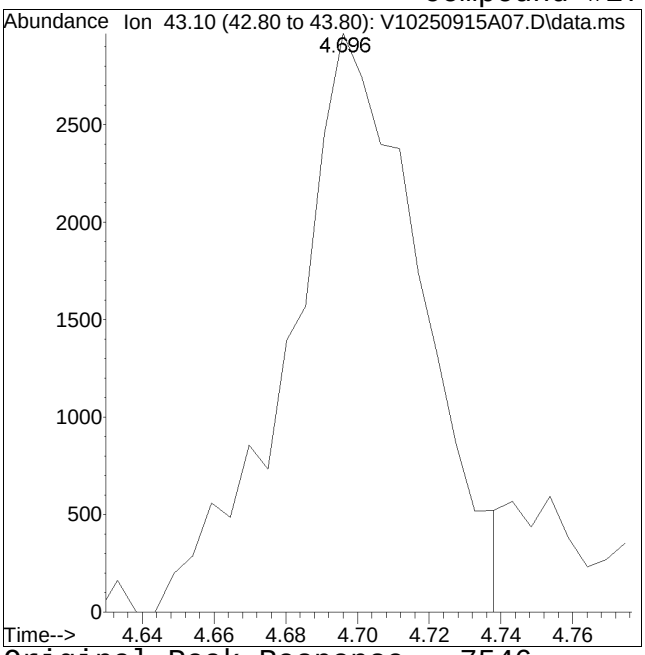
Manual Peak Response = 3037 M6

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

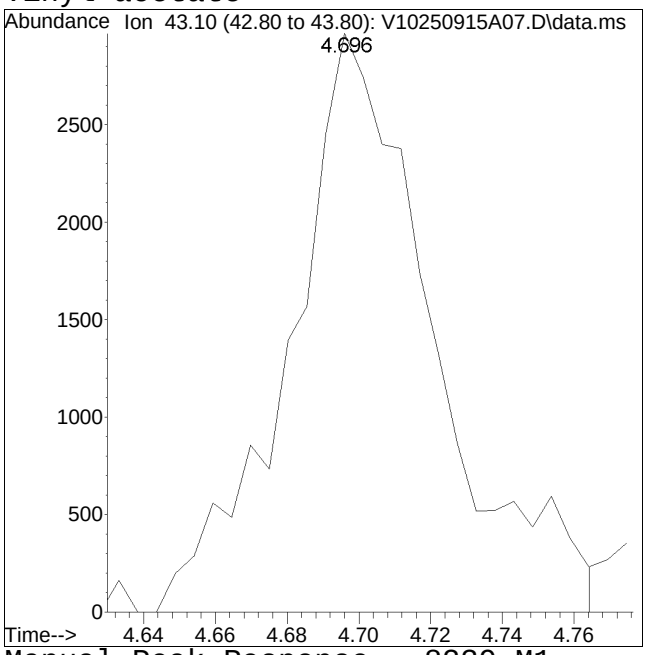
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A07.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 4:38 pm Instrument : VOA110
Sample : I8260STD2PPB Quant Date : 9/16/2025 9:02 am

Compound #27: Vinyl acetate



Original Peak Response = 7546



Manual Peak Response = 8239 M1

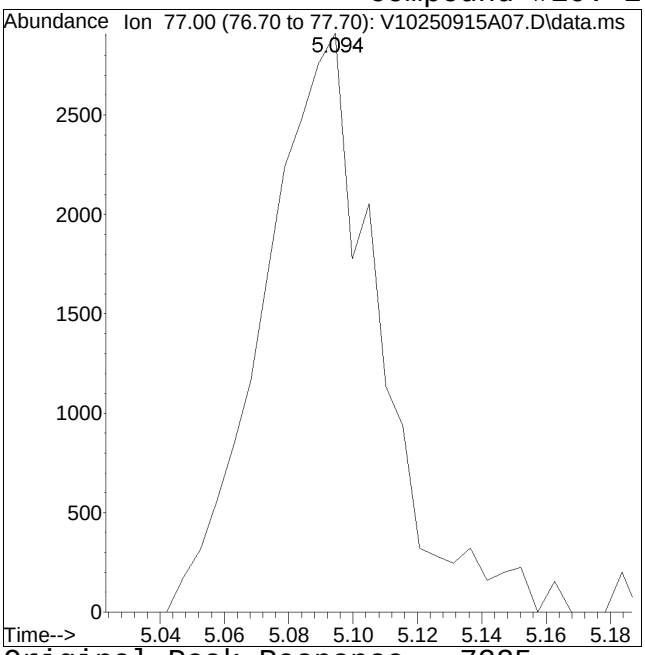
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

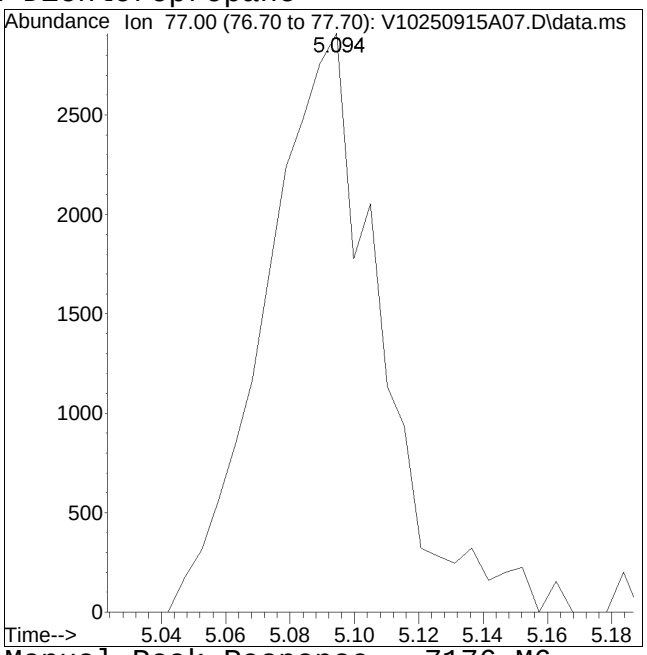
Data Path : K:\VOA110\2025\250915AICALQ
Data File : V10250915A07.D
Date Inj'd : 9/15/2025 4:38 pm
Sample : I8260STD2PPB

Method : V110_250915A_8260.m
Operator : VOA110:JIC
Instrument : VOA110
Quant Date : 9/16/2025 9:02 am

Compound #29: 2,2-Dichloropropane



Original Peak Response = 7225



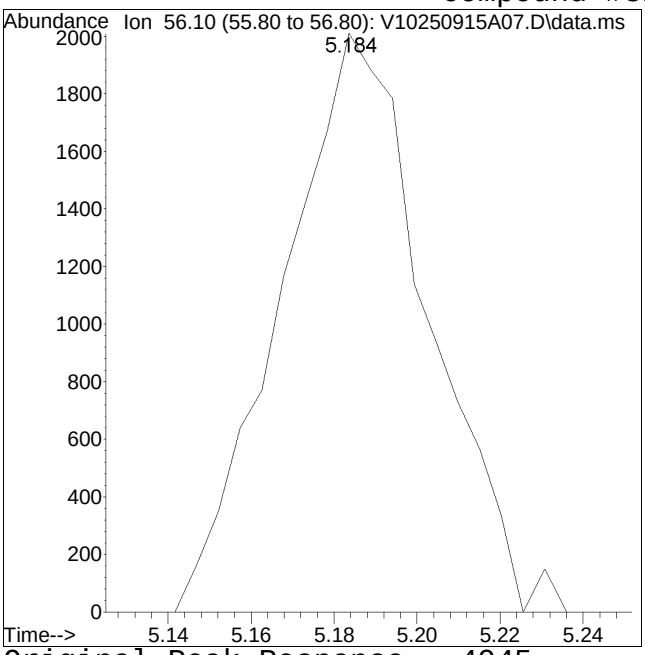
Manual Peak Response = 7176 M6

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

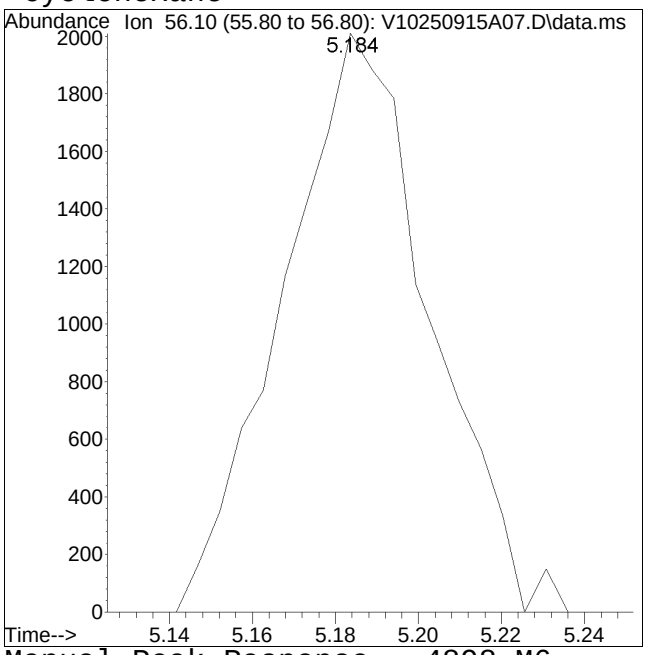
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A07.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 4:38 pm Instrument : VOA110
Sample : I8260STD2PPB Quant Date : 9/16/2025 9:02 am

Compound #31: Cyclohexane



Original Peak Response = 4945



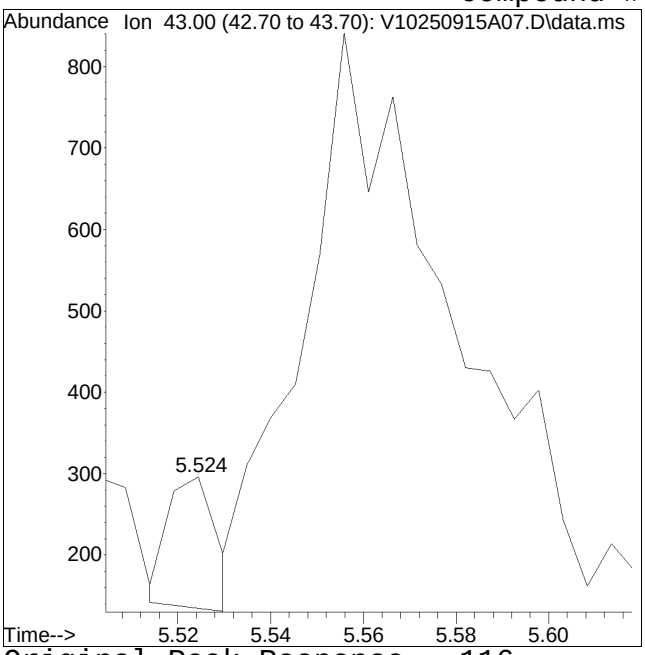
Manual Peak Response = 4898 M6

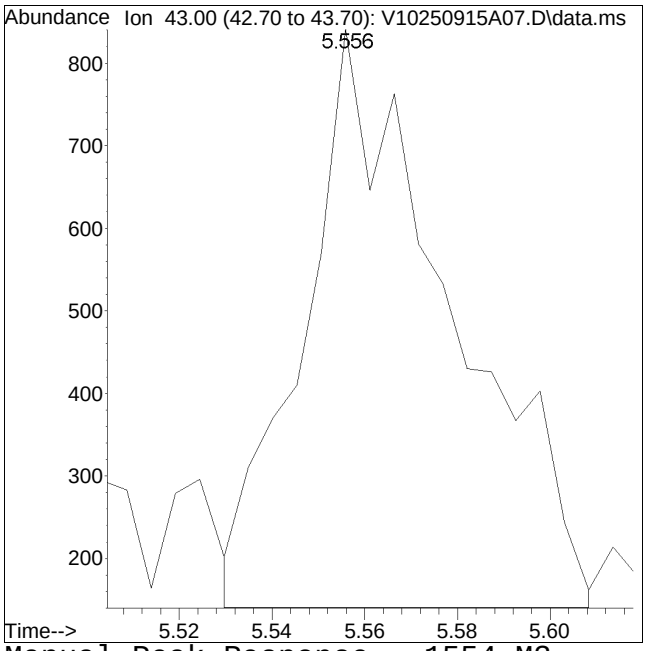
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A07.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 4:38 pm Instrument : VOA110
Sample : I8260STD2PPB Quant Date : 9/16/2025 9:02 am

Compound #39: 2-Butanone





Original Peak Response = 116 Manual Peak Response = 1554 M3

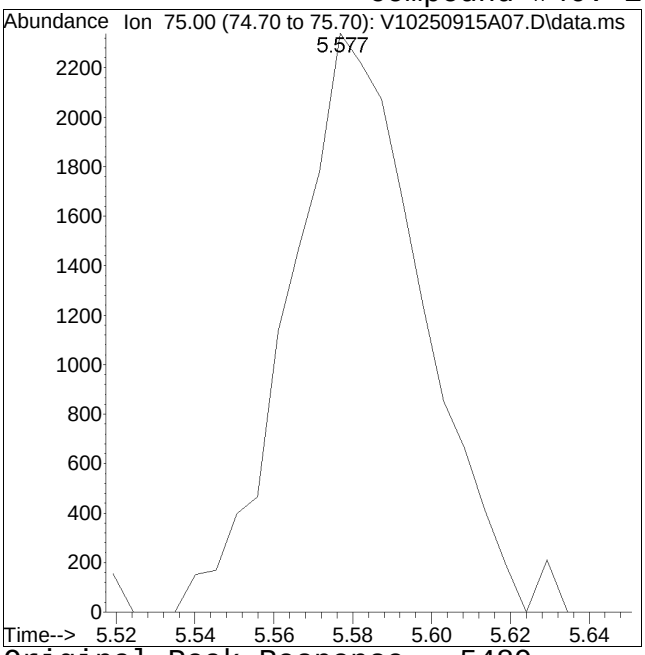
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

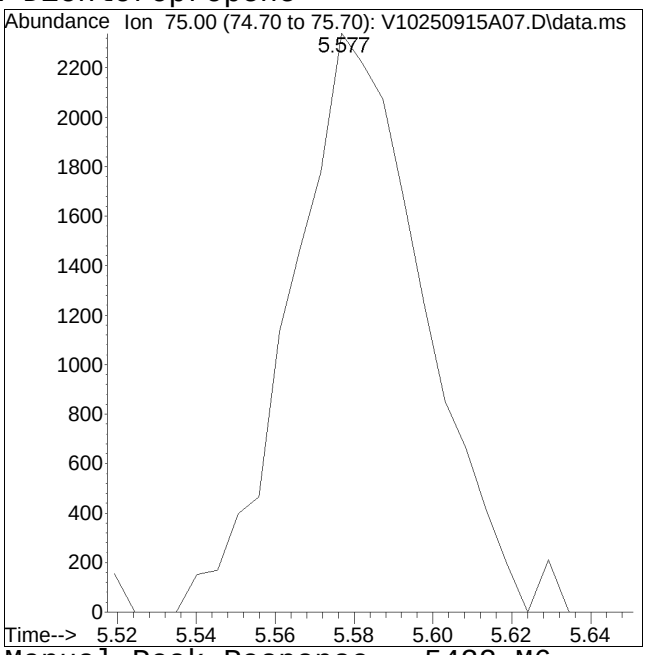
Data Path : K:\VOA110\2025\250915AICALQ
Data File : V10250915A07.D
Date Inj'd : 9/15/2025 4:38 pm
Sample : I8260STD2PPB

Method : V110_250915A_8260.m
Operator : VOA110:JIC
Instrument : VOA110
Quant Date : 9/16/2025 9:02 am

Compound #40: 1,1-Dichloropropene



Original Peak Response = 5489



Manual Peak Response = 5422 M6

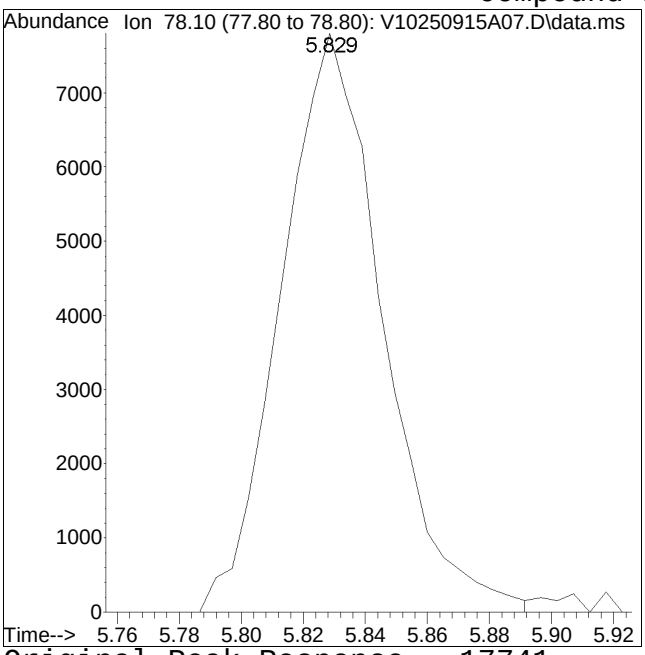
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

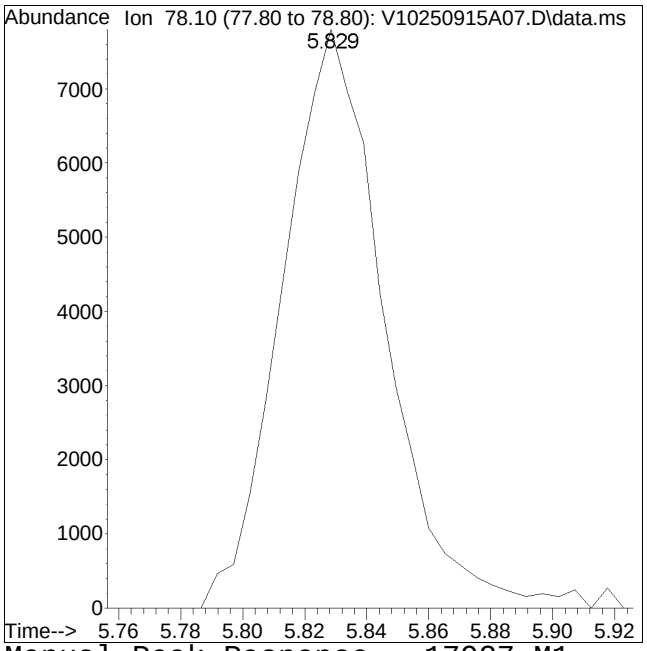
Data Path : K:\VOA110\2025\250915AICALQ
Data File : V10250915A07.D
Date Inj'd : 9/15/2025 4:38 pm
Sample : I8260STD2PPB

Method : V110_250915A_8260.m
Operator : VOA110:JIC
Instrument : VOA110
Quant Date : 9/16/2025 9:02 am

Compound #41: Benzene



Original Peak Response = 17741



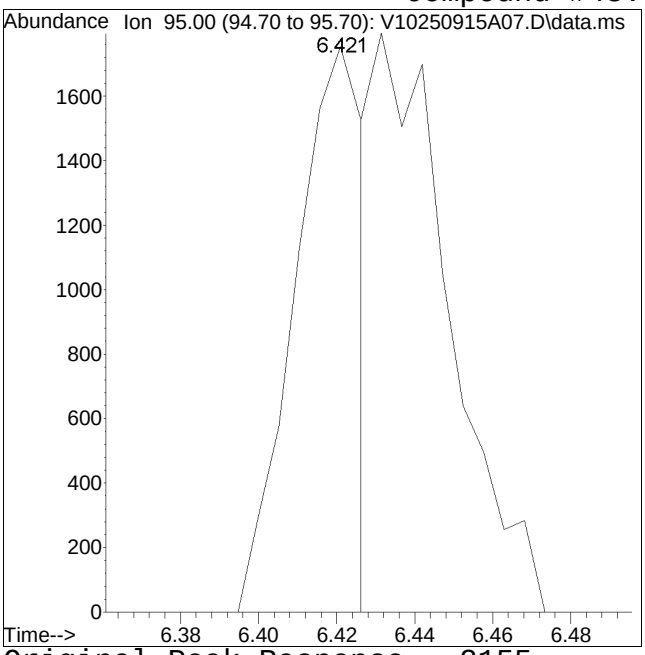
Manual Peak Response = 17927 M1

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

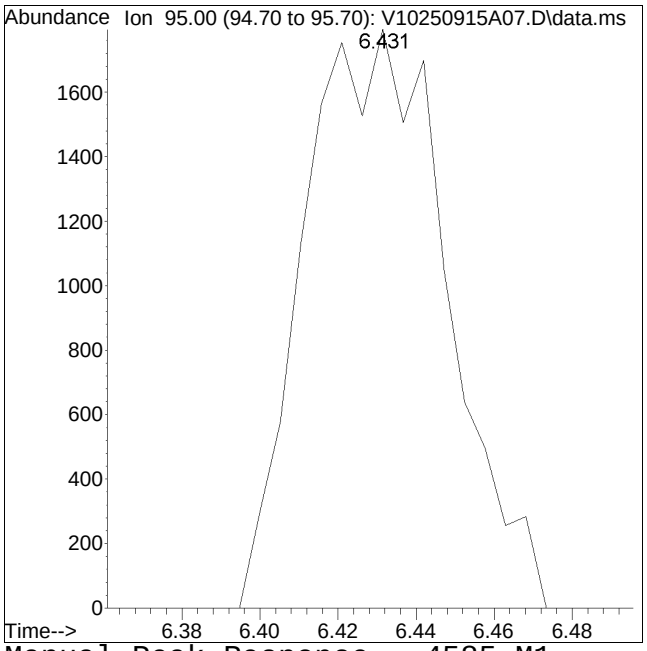
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A07.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 4:38 pm Instrument : VOA110
Sample : I8260STD2PPB Quant Date : 9/16/2025 9:02 am

Compound #48: Trichloroethene



Original Peak Response = 2155



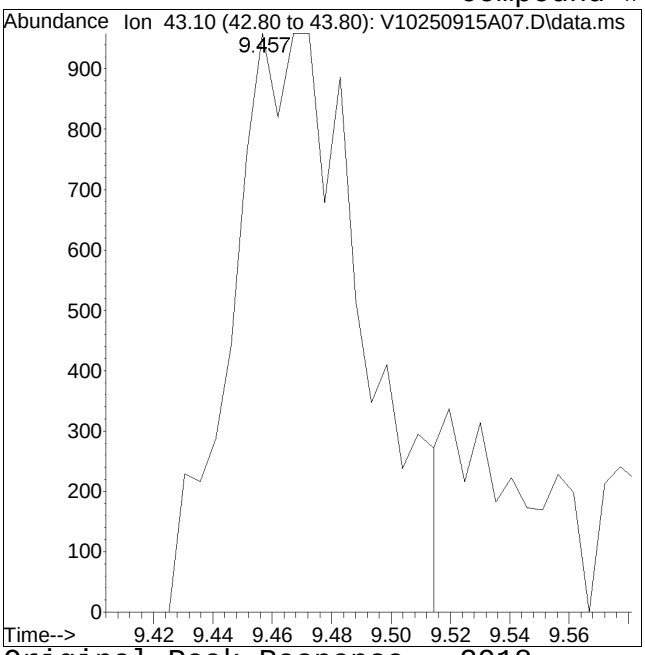
Manual Peak Response = 4585 M1

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

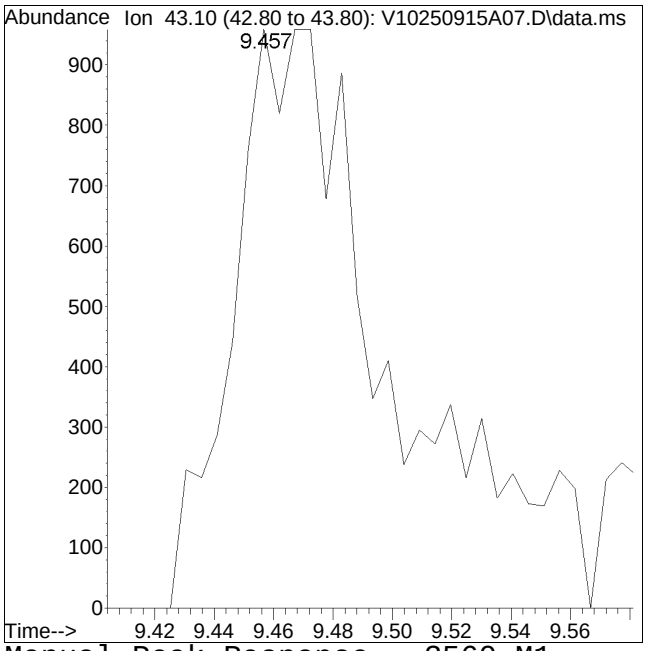
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A07.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 4:38 pm Instrument : VOA110
Sample : I8260STD2PPB Quant Date : 9/16/2025 9:02 am

Compound #72: 2-Hexanone



Original Peak Response = 2918



Manual Peak Response = 3560 M1

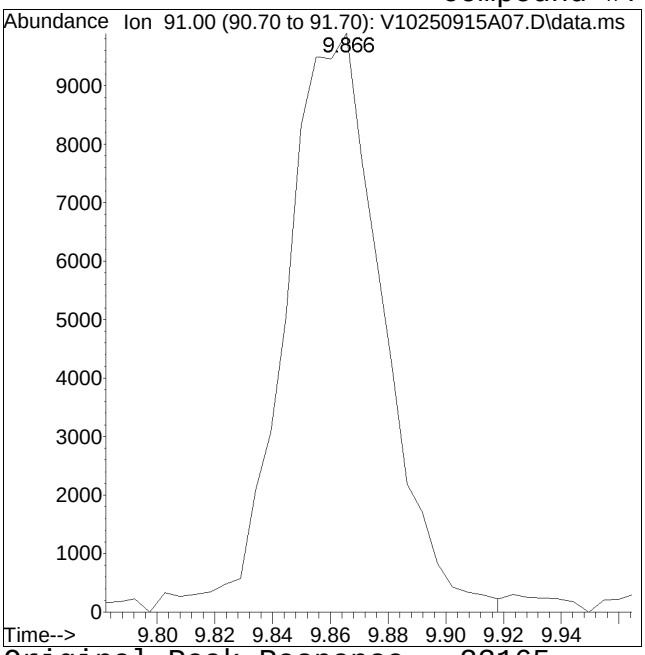
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

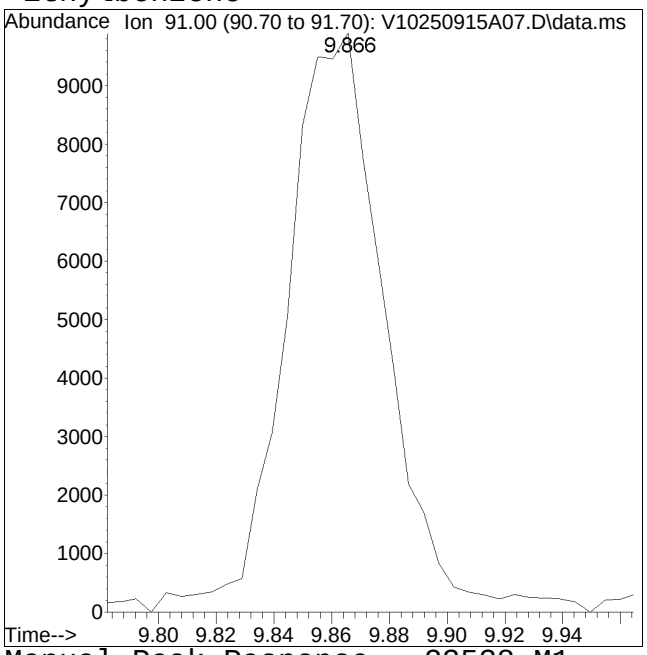
Data Path : K:\VOA110\2025\250915AICALQ
Data File : V10250915A07.D
Date Inj'd : 9/15/2025 4:38 pm
Sample : I8260STD2PPB

Method : V110_250915A_8260.m
Operator : VOA110:JIC
Instrument : VOA110
Quant Date : 9/16/2025 9:02 am

Compound #74: Ethylbenzene



Original Peak Response = 23165



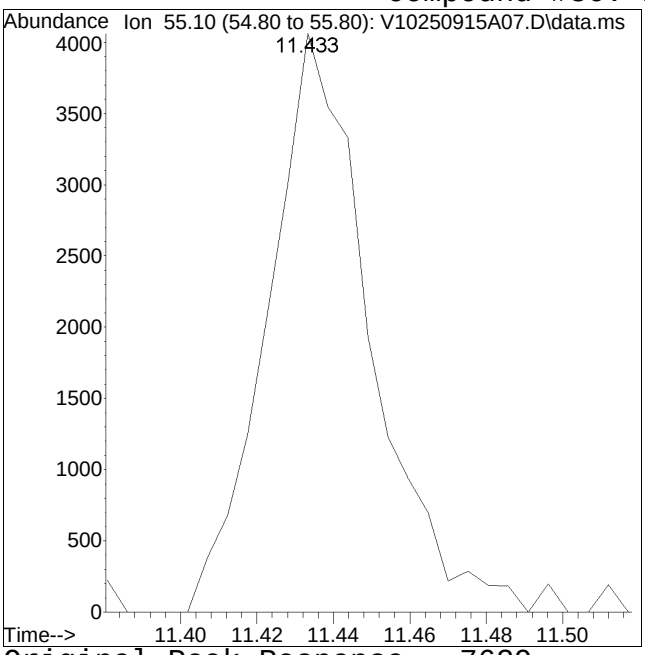
Manual Peak Response = 23538 M1

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

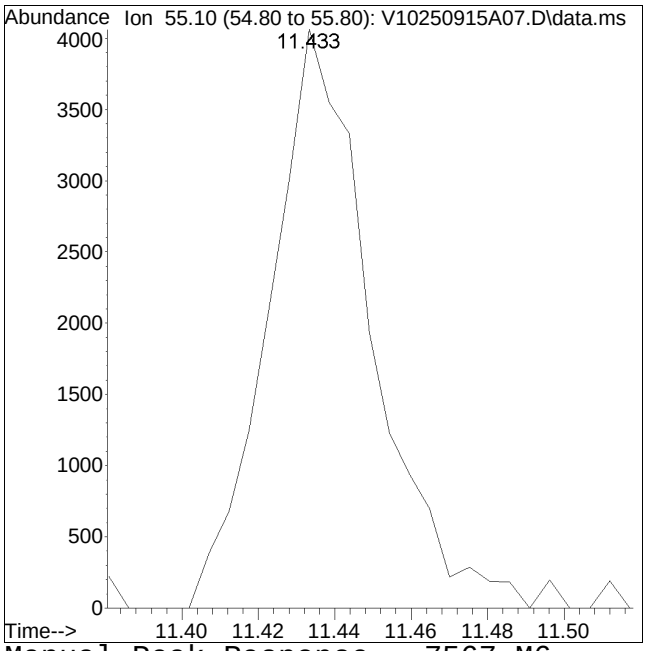
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A07.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 4:38 pm Instrument : VOA110
Sample : I8260STD2PPB Quant Date : 9/16/2025 9:02 am

Compound #86: 1,4-Dichlorobutane



Original Peak Response = 7629



Manual Peak Response = 7567 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A08.D
Acq On : 15 Sep 2025 5:06 pm
Operator : VOA110:JIC
Sample : I8260STD4PPB
Misc : WG2115392,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 16 09:19:16 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.248	96	179554	20.000	ug/L	0.00
Standard Area 1 = 192304			Recovery = 93.37%			
59) Chlorobenzene-d5	9.808	117	152081	20.000	ug/L	0.00
Standard Area 1 = 156268			Recovery = 97.32%			
79) 1,4-Dichlorobenzene-d4	12.456	152	87911	20.000	ug/L	0.00
Standard Area 1 = 92858			Recovery = 94.67%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.425	113	48823	20.228	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.14%			
43) 1,2-Dichloroethane-d4	5.965	65	49537	20.348	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.74%			
60) Toluene-d8	7.947	98	187247	19.474	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.37%			
83) 4-Bromofluorobenzene	11.265	95	73996	20.479	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.760	85	7943	3.393	ug/L	98
3) Chloromethane	1.959	50	10351	4.525	ug/L	99
4) Vinyl chloride	2.038	62	10166	3.475	ug/L	93
5) Bromomethane	2.363	94	11037	4.597	ug/L	89
6) Chloroethane	2.499	64	8033	3.927	ug/L	99
7) Trichlorofluoromethane	2.635	101	13073	3.093	ug/L	99
8) Ethyl ether	2.940	74	7087	4.074	ug/L	90
10) 1,1-Dichloroethene	3.139	96	8710	3.645	ug/L	90
11) Carbon disulfide	3.170	76	32356	3.732	ug/L	98
12) Freon-113	3.175	101	6651	2.687	ug/L #	1
14) Acrolein	3.469	56	3138	6.015	ug/L	85
15) Methylene chloride	3.705	84	10172	4.608	ug/L	80
17) Acetone	3.747	43	4973	5.794	ug/L #	29
18) trans-1,2-Dichloroethene	3.857	96	8281	3.698	ug/L	89
19) Methyl acetate	3.873	43	5663	3.956	ug/L #	76
20) Methyl tert-butyl ether	3.967	73	26767	3.917	ug/L	96
21) tert-Butyl alcohol	4.051	59	8419M6	24.005	ug/L	
22) Diisopropyl ether	4.329	45	23621	3.909	ug/L	93
23) 1,1-Dichloroethane	4.455	63	15704	4.001	ug/L	99
24) Halothane	4.502	117	5852	3.563	ug/L #	76
25) Acrylonitrile	4.512	53	2930	3.880	ug/L #	80

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A08.D
Acq On : 15 Sep 2025 5:06 pm
Operator : VOA110:JIC
Sample : I8260STD4PPB
Misc : WG2115392,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 16 09:19:16 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.680	59	24213	3.776	ug/L		92
27) Vinyl acetate	4.696	43	16344	3.948	ug/L		97
28) cis-1,2-Dichloroethene	4.990	96	9928	4.087	ug/L		97
29) 2,2-Dichloropropane	5.089	77	12383	3.775	ug/L		94
30) Bromochloromethane	5.173	128	4678	4.111	ug/L		89
31) Cyclohexane	5.189	56	9302	2.653	ug/L		96
32) Chloroform	5.246	83	16777	4.478	ug/L		95
33) Ethyl acetate	5.362	43	8091	3.960	ug/L		98
34) Carbon tetrachloride	5.388	117	9703	3.133	ug/L		98
35) Tetrahydrofuran	5.420	42	3313	4.328	ug/L		96
37) 1,1,1-Trichloroethane	5.456	97	11671	3.494	ug/L		97
39) 2-Butanone	5.561	43	2845M6	3.281	ug/L		
40) 1,1-Dichloropropene	5.582	75	8929	3.174	ug/L		96
41) Benzene	5.828	78	31640	3.740	ug/L		98
42) tert-Amyl methyl ether	5.933	73	22932	3.596	ug/L		97
44) 1,2-Dichloroethane	6.033	62	10992	4.015	ug/L		96
47) Methyl cyclohexane	6.416	83	9248	2.398	ug/L		92
48) Trichloroethene	6.426	95	8116	3.627	ug/L		97
50) Dibromomethane	6.872	93	5197	3.828	ug/L	#	86
51) 1,2-Dichloropropane	6.977	63	8480	3.921	ug/L		100
53) 2-Chloroethyl vinyl ether	0.000		0	N.D.			
54) Bromodichloromethane	7.045	83	12177	4.012	ug/L		99
57) 1,4-Dioxane	7.255	88	5366M1	195.093	ug/L		
58) cis-1,3-Dichloropropene	7.742	75	13216	3.612	ug/L		98
61) Toluene	8.004	92	21569	3.706	ug/L		99
62) 4-Methyl-2-pentanone	8.439	58	2963	3.171	ug/L	#	89
63) Tetrachloroethene	8.466	166	7684M6	3.188	ug/L		
65) trans-1,3-Dichloropropene	8.492	75	12059M1	3.485	ug/L		
67) Ethyl methacrylate	8.670	69	10256	3.349	ug/L		84
68) 1,1,2-Trichloroethane	8.675	83	6220	3.609	ug/L		97
69) Chlorodibromomethane	8.890	129	9002	3.562	ug/L		96
70) 1,3-Dichloropropane	9.000	76	13232	3.746	ug/L		94
71) 1,2-Dibromoethane	9.179	107	8131M6	3.743	ug/L		
72) 2-Hexanone	9.462	43	5848M6	3.696	ug/L		
73) Chlorobenzene	9.829	112	25582	3.750	ug/L	#	86
74) Ethylbenzene	9.860	91	38218	3.404	ug/L		97
75) 1,1,1,2-Tetrachloroethane	9.902	131	9006	3.560	ug/L		95
76) p/m Xylene	10.044	106	31791	6.955	ug/L		95
77) o Xylene	10.579	106	33055	7.229	ug/L		95
78) Styrene	10.636	104	55403	7.052	ug/L		90

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A08.D
Acq On : 15 Sep 2025 5:06 pm
Operator : VOA110:JIC
Sample : I8260STD4PPB
Misc : WG2115392,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 16 09:19:16 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.663	173	6097	3.367	ug/L	93
82) Isopropylbenzene	10.946	105	36111	3.145	ug/L	95
84) Bromobenzene	11.386	156	11424	3.793	ug/L	99
85) n-Propylbenzene	11.412	91	43463	3.252	ug/L	99
86) 1,4-Dichlorobutane	11.438	55	14163	3.877	ug/L	97
87) 1,1,2,2-Tetrachloroethane	11.496	83	11324	3.653	ug/L	92
88) 4-Ethyltoluene	11.538	105	38873	3.358	ug/L	98
89) 2-Chlorotoluene	11.580	91	29907M1	3.754	ug/L	
90) 1,3,5-Trimethylbenzene	11.633	105	33834	3.412	ug/L	99
91) 1,2,3-Trichloropropane	11.638	75	9255	3.766	ug/L	96
92) trans-1,4-Dichloro-2-b...	11.685	53	3300	3.734	ug/L	98
93) 4-Chlorotoluene	11.764	91	32237	3.815	ug/L	99
94) tert-Butylbenzene	11.968	119	27351	3.111	ug/L	97
97) 1,2,4-Trimethylbenzene	12.047	105	34066	3.411	ug/L	96
98) sec-Butylbenzene	12.157	105	37808	2.921	ug/L	94
99) p-Isopropyltoluene	12.304	119	35244	3.035	ug/L	98
100) 1,3-Dichlorobenzene	12.387	146	21146	3.542	ug/L	98
101) 1,4-Dichlorobenzene	12.471	146	22559	3.711	ug/L	95
102) p-Diethylbenzene	12.676	119	21821	3.125	ug/L	95
103) n-Butylbenzene	12.734	91	28926	2.957	ug/L	96
104) 1,2-Dichlorobenzene	12.896	146	21231	3.694	ug/L	96
105) 1,2,4,5-Tetramethylben...	13.462	119	36590	3.308	ug/L	95
106) 1,2-Dibromo-3-chloropr...	13.667	155	2393	3.871	ug/L	98
107) 1,3,5-Trichlorobenzene	13.698	180	15570	3.544	ug/L	95
108) Hexachlorobutadiene	14.265	225	5993	2.915	ug/L	93
109) 1,2,4-Trichlorobenzene	14.291	180	14385	3.632	ug/L	98
110) Naphthalene	14.584	128	39261	3.736	ug/L	100
111) 1,2,3-Trichlorobenzene	14.752	180	15081	3.975	ug/L	95

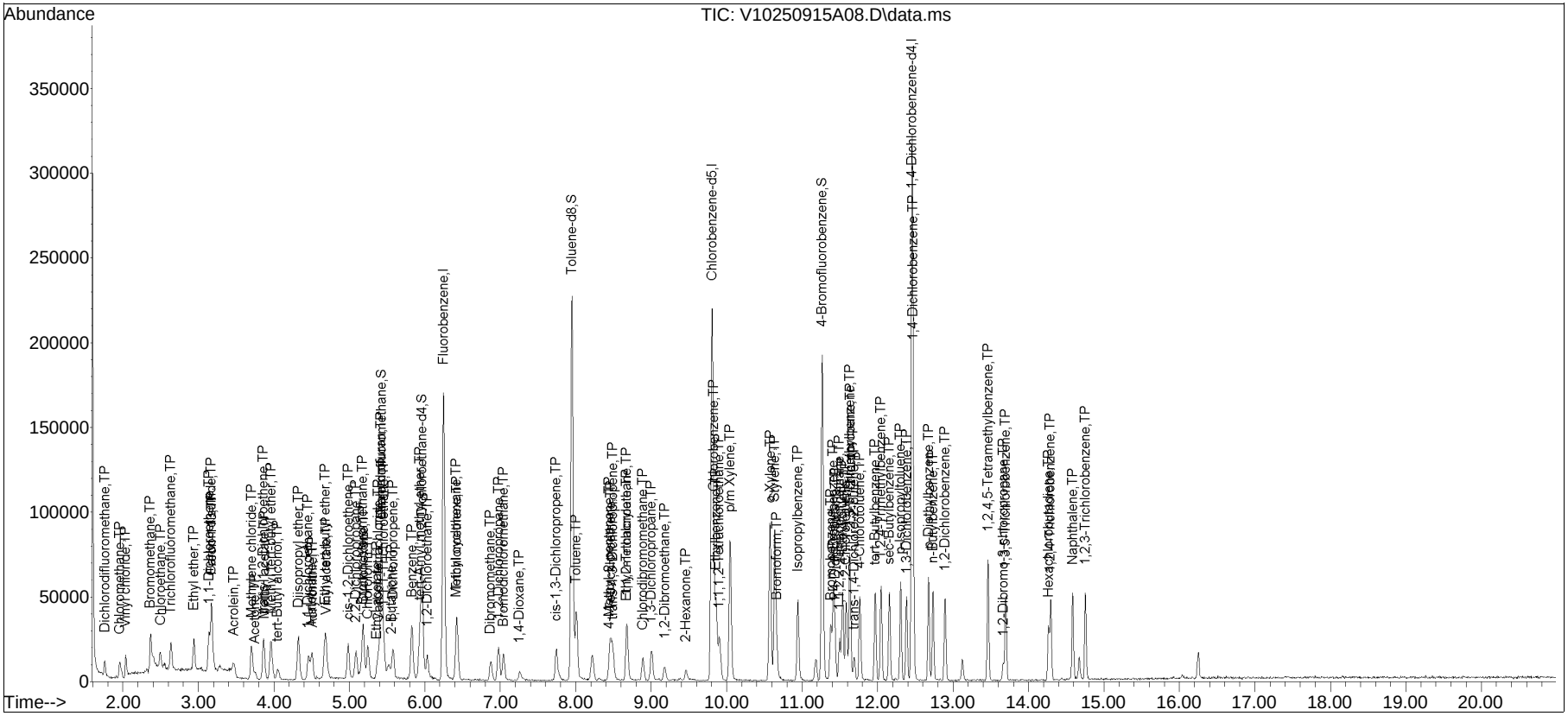
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A08.D
Acq On : 15 Sep 2025 5:06 pm
Operator : VOA110:JIC
Sample : I8260STD4PPB
Misc : WG2115392,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 16 09:19:16 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox250915A11.D•

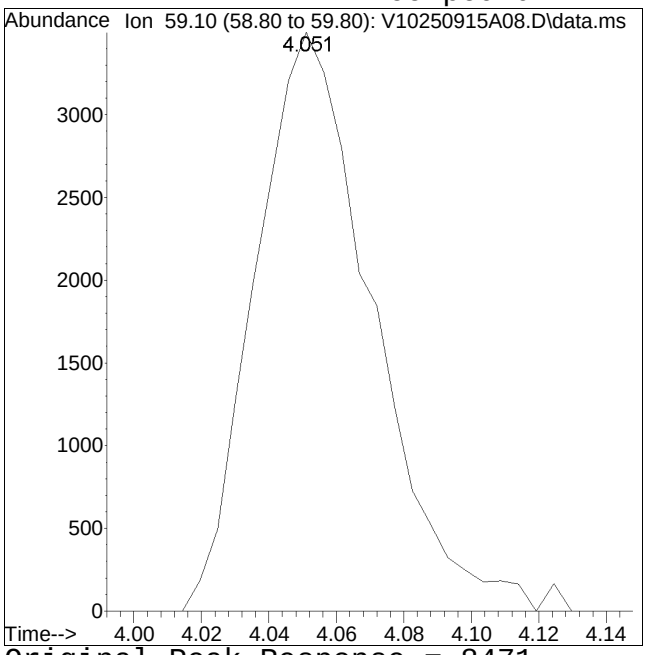


Manual Integration Report

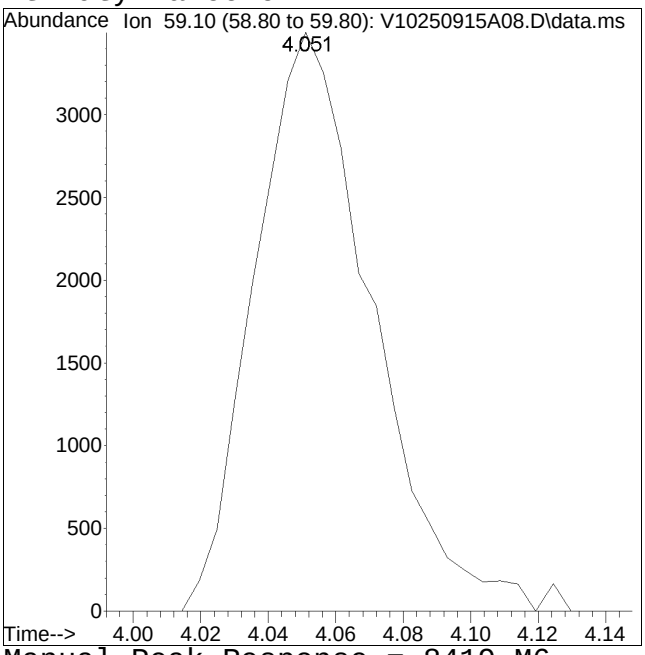
Data Path : K:\VOA110\2025\250915AICALQ
Data File : V10250915A08.D
Date Inj'd : 9/15/2025 5:06 pm
Sample : I8260STD4PPB

Method : V110_250915A_8260.m
Operator : VOA110:JIC
Instrument : VOA110
Quant Date : 9/16/2025 9:02 am

Compound #21: tert-Butyl alcohol



Original Peak Response = 8471



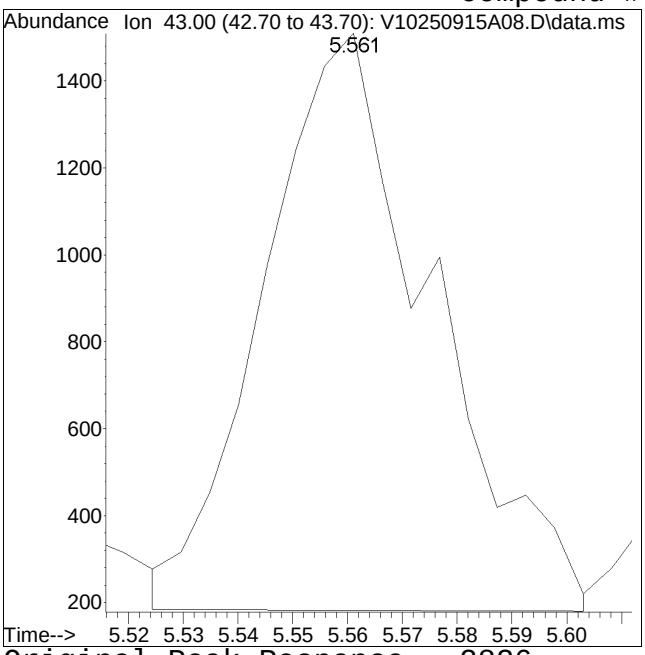
Manual Peak Response = 8419 M6

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

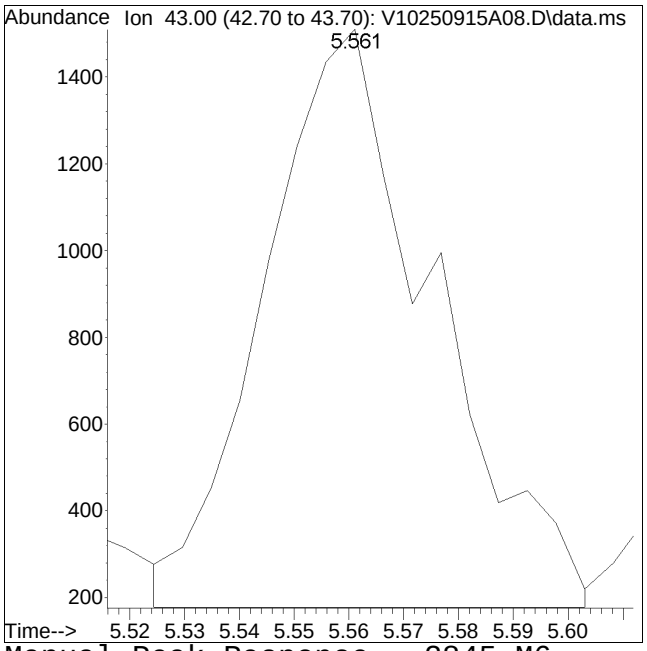
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A08.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 5:06 pm Instrument : VOA110
Sample : I8260STD4PPB Quant Date : 9/16/2025 9:02 am

Compound #39: 2-Butanone



Original Peak Response = 2826



Manual Peak Response = 2845 M6

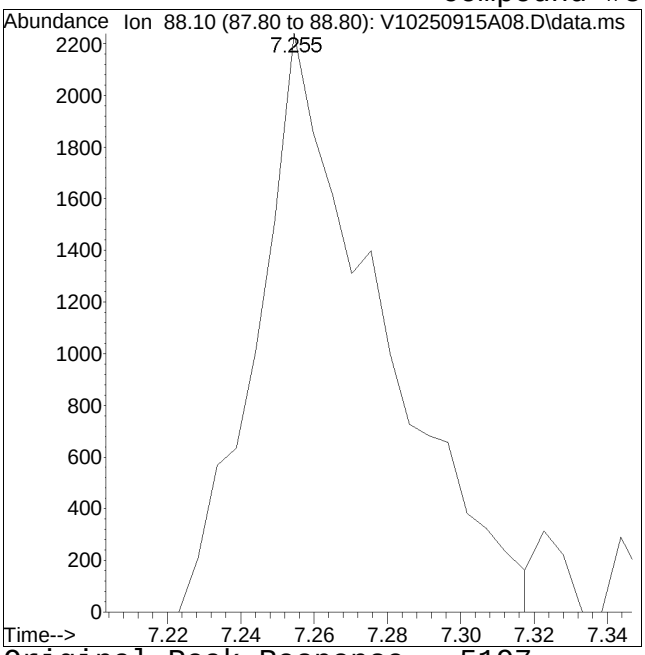
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

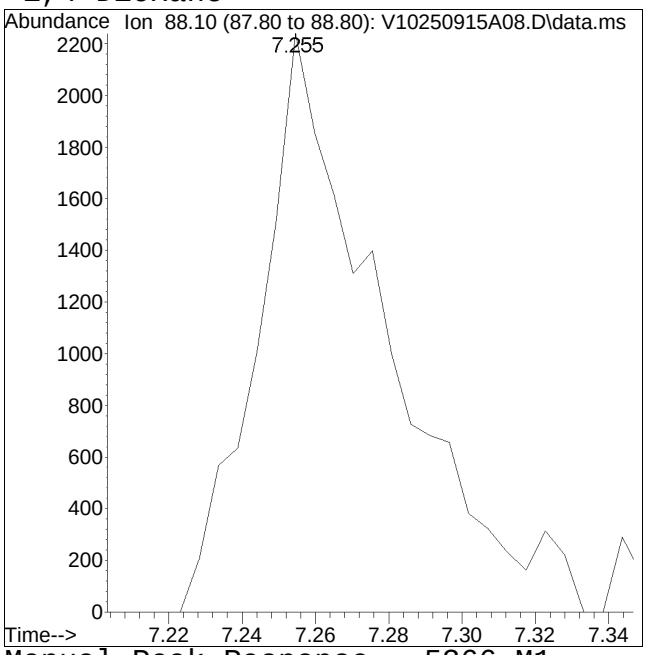
Data Path : K:\VOA110\2025\250915AICALQ
Data File : V10250915A08.D
Date Inj'd : 9/15/2025 5:06 pm
Sample : I8260STD4PPB

Method : V110_250915A_8260.m
Operator : VOA110:JIC
Instrument : VOA110
Quant Date : 9/16/2025 9:02 am

Compound #57: 1,4-Dioxane



Original Peak Response = 5197



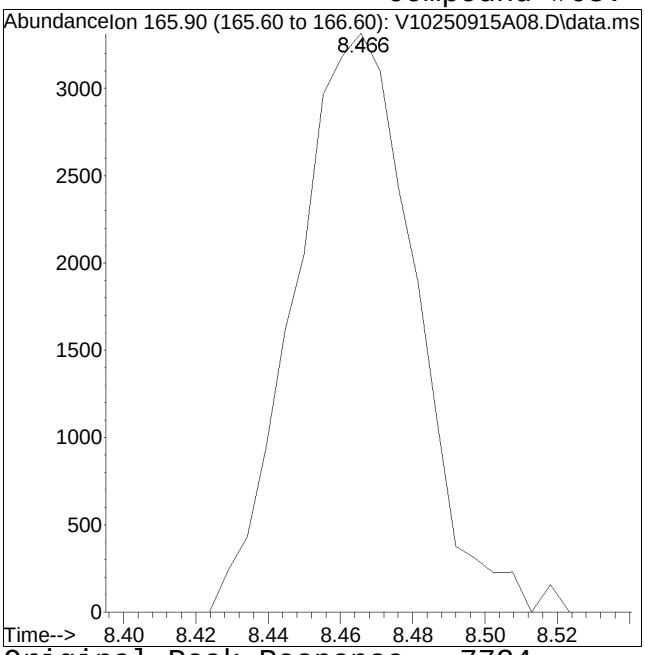
Manual Peak Response = 5366 M1

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

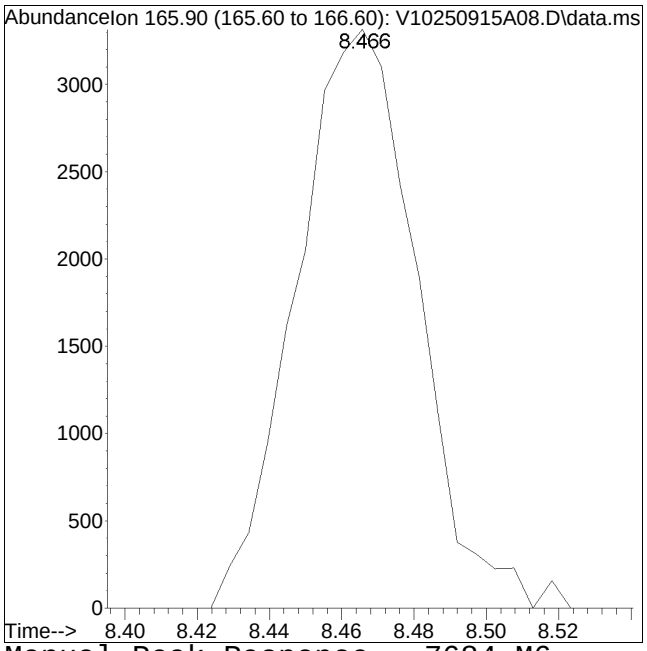
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A08.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 5:06 pm Instrument : VOA110
Sample : I8260STD4PPB Quant Date : 9/16/2025 9:02 am

Compound #63: Tetrachloroethene



Original Peak Response = 7734



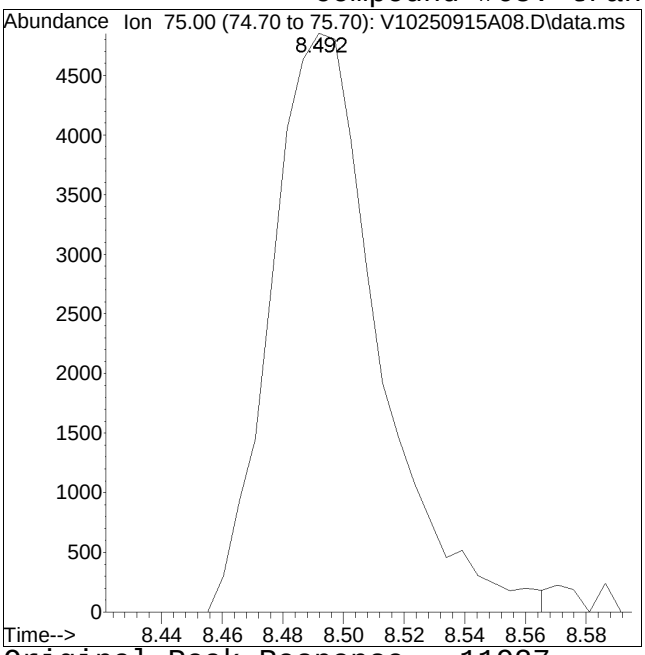
Manual Peak Response = 7684 M6

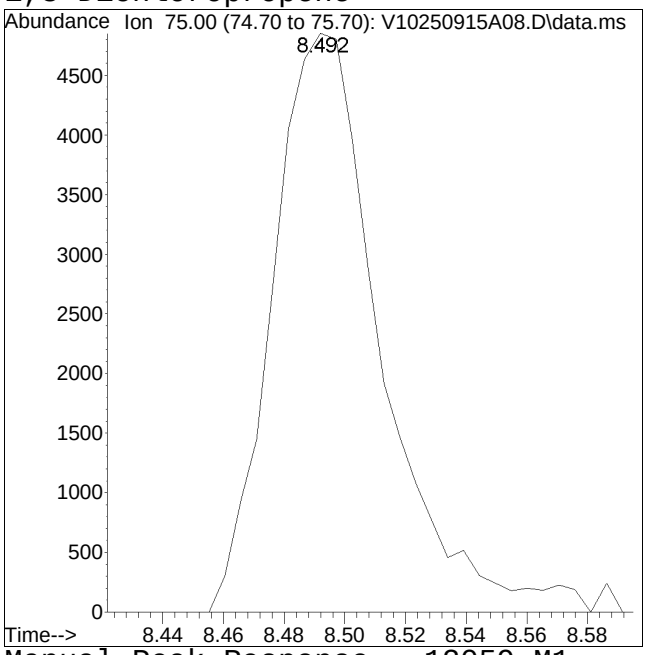
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A08.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 5:06 pm Instrument : VOA110
Sample : I8260STD4PPB Quant Date : 9/16/2025 9:02 am

Compound #65: trans-1,3-Dichloropropene





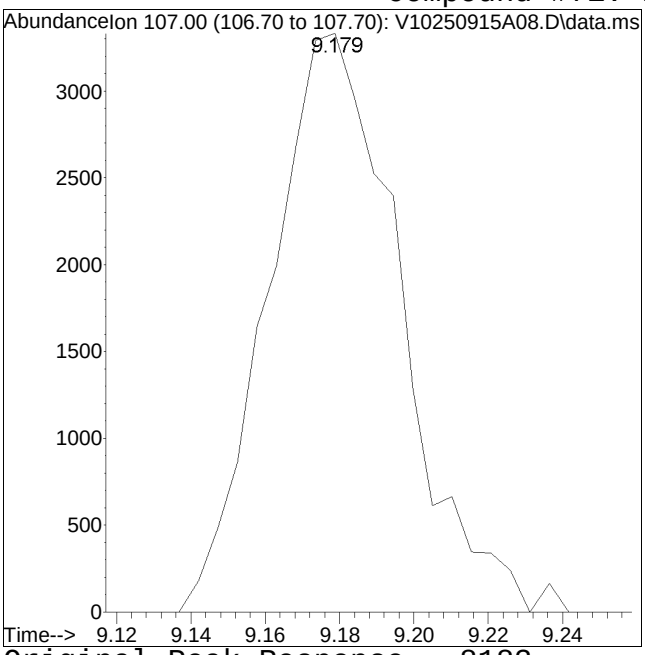
Original Peak Response = 11927 Manual Peak Response = 12059 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

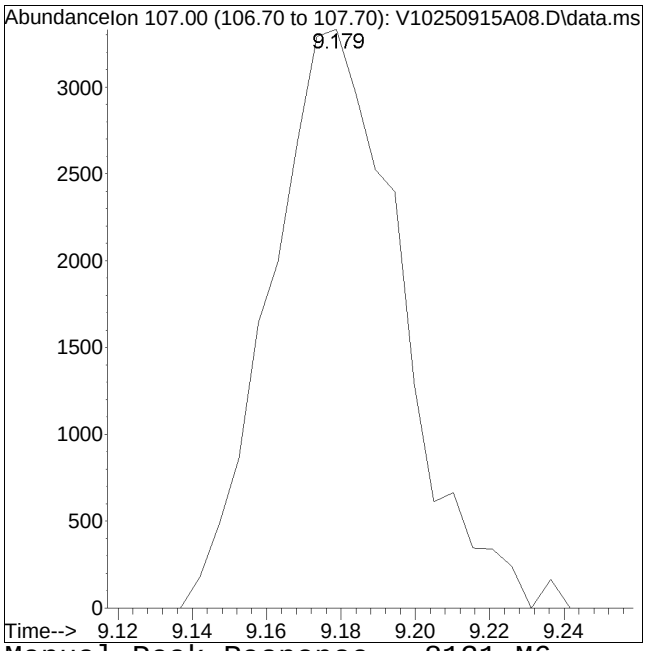
Data Path : K:\VOA110\2025\250915AICALQ
Data File : V10250915A08.D
Date Inj'd : 9/15/2025 5:06 pm
Sample : I8260STD4PPB

Method : V110_250915A_8260.m
Operator : VOA110:JIC
Instrument : VOA110
Quant Date : 9/16/2025 9:02 am

Compound #71: 1,2-Dibromoethane



Original Peak Response = 8183



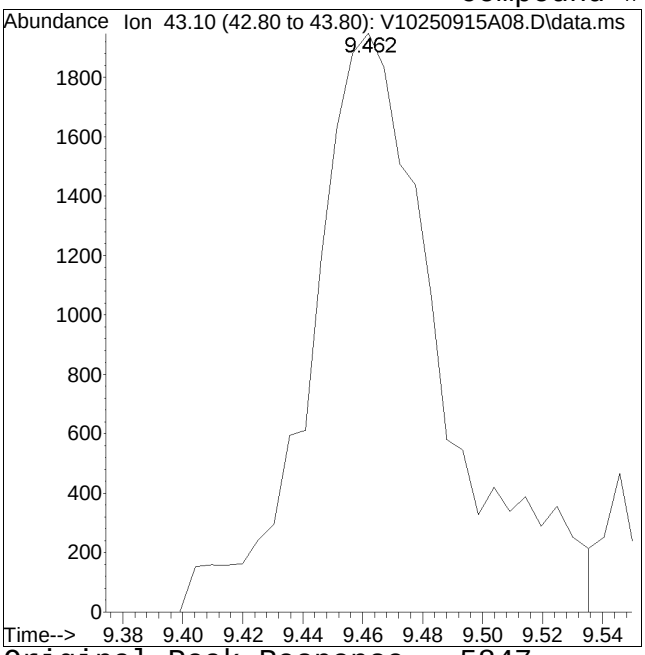
Manual Peak Response = 8131 M6

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

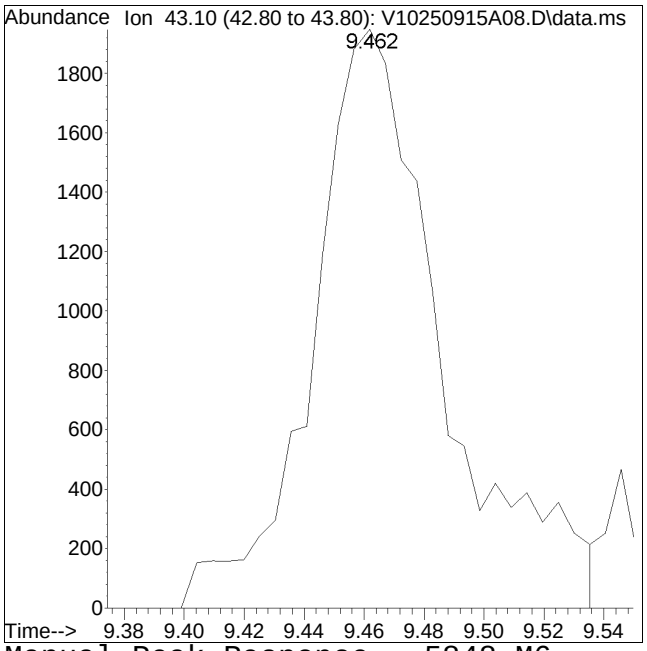
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A08.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 5:06 pm Instrument : VOA110
Sample : I8260STD4PPB Quant Date : 9/16/2025 9:02 am

Compound #72: 2-Hexanone



Original Peak Response = 5847



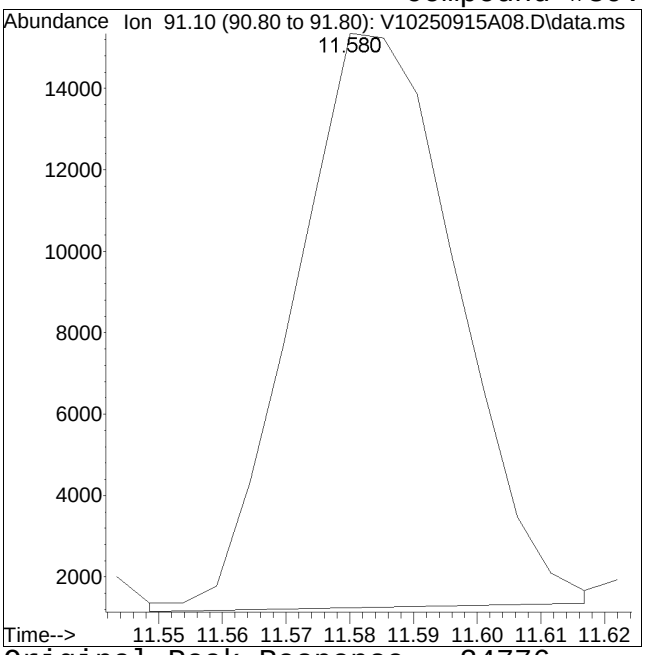
Manual Peak Response = 5848 M6

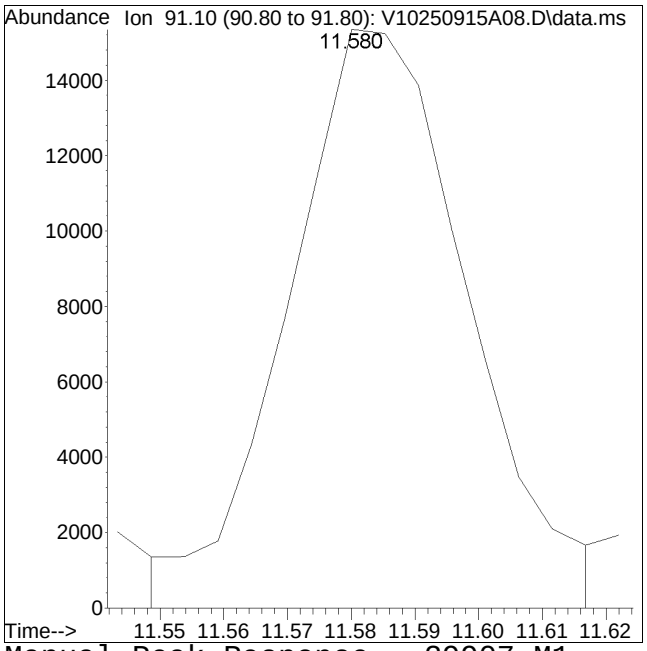
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A08.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 5:06 pm Instrument : VOA110
Sample : I8260STD4PPB Quant Date : 9/16/2025 9:02 am

Compound #89: 2-Chlorotoluene





Original Peak Response = 24776 Manual Peak Response = 29907 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A10.D
Acq On : 15 Sep 2025 6:00 pm
Operator : VOA110:JIC
Sample : I8260STD20PPB
Misc : WG2115392,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 16 09:21:17 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.248	96	183987	20.000	ug/L	0.00
Standard Area 1 = 192304			Recovery = 95.68%			
59) Chlorobenzene-d5	9.808	117	151355	20.000	ug/L	0.00
Standard Area 1 = 156268			Recovery = 96.86%			
79) 1,4-Dichlorobenzene-d4	12.461	152	87470	20.000	ug/L	0.00
Standard Area 1 = 92858			Recovery = 94.20%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.425	113	49511	20.019	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.10%			
43) 1,2-Dichloroethane-d4	5.960	65	49178	19.714	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.57%			
60) Toluene-d8	7.952	98	187228	19.566	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.83%			
83) 4-Bromofluorobenzene	11.265	95	74852	20.820	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.755	85	47110	19.637	ug/L	97
3) Chloromethane	1.959	50	48347	20.625	ug/L	99
4) Vinyl chloride	2.038	62	60181	20.073	ug/L	97
5) Bromomethane	2.368	94	53834	21.882	ug/L	93
6) Chloroethane	2.494	64	41881	19.978	ug/L	98
7) Trichlorofluoromethane	2.635	101	83156	19.201	ug/L	100
8) Ethyl ether	2.940	74	35233	19.767	ug/L	87
10) 1,1-Dichloroethene	3.139	96	48731	19.901	ug/L	95
11) Carbon disulfide	3.176	76	176377	19.852	ug/L	99
12) Freon-113	3.170	101	45609	17.984	ug/L #	1
14) Acrolein	3.469	56	11791M6	22.058	ug/L	
15) Methylene chloride	3.705	84	46109	20.383	ug/L	84
17) Acetone	3.757	43	18515	21.053	ug/L #	16
18) trans-1,2-Dichloroethene	3.862	96	44156	19.242	ug/L	89
19) Methyl acetate	3.868	43	27923	19.036	ug/L #	80
20) Methyl tert-butyl ether	3.962	73	134592	19.224	ug/L	92
21) tert-Butyl alcohol	4.051	59	36710	102.148	ug/L	94
22) Diisopropyl ether	4.324	45	121078	19.554	ug/L	96
23) 1,1-Dichloroethane	4.455	63	79990	19.888	ug/L	99
24) Halothane	4.497	117	32353	19.226	ug/L	99
25) Acrylonitrile	4.512	53	15506M1	20.038	ug/L	

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A10.D
Acq On : 15 Sep 2025 6:00 pm
Operator : VOA110:JIC
Sample : I8260STD20PPB
Misc : WG2115392,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 16 09:21:17 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	124727	18.985	ug/L		89
27) Vinyl acetate	4.691	43	78965	18.614	ug/L		100
28) cis-1,2-Dichloroethene	4.984	96	49254	19.786	ug/L		97
29) 2,2-Dichloropropane	5.089	77	65351	19.445	ug/L		89
30) Bromochloromethane	5.178	128	23229	19.923	ug/L		89
31) Cyclohexane	5.184	56	63865	17.776	ug/L		82
32) Chloroform	5.247	83	74926	19.516	ug/L		95
33) Ethyl acetate	5.357	43	38844	18.553	ug/L		97
34) Carbon tetrachloride	5.388	117	59168	18.644	ug/L		99
35) Tetrahydrofuran	5.409	42	14922M4	19.025	ug/L		
37) 1,1,1-Trichloroethane	5.456	97	65931	19.263	ug/L		98
39) 2-Butanone	5.545	43	16337M4	18.389	ug/L		
40) 1,1-Dichloropropene	5.577	75	52642	18.262	ug/L		96
41) Benzene	5.828	78	169125	19.512	ug/L		96
42) tert-Amyl methyl ether	5.933	73	125249	19.170	ug/L		97
44) 1,2-Dichloroethane	6.033	62	55959	19.949	ug/L		98
47) Methyl cyclohexane	6.416	83	64500	16.324	ug/L		94
48) Trichloroethene	6.426	95	43819	19.110	ug/L		96
50) Dibromomethane	6.867	93	27795	19.982	ug/L		91
51) 1,2-Dichloropropane	6.977	63	41768	18.849	ug/L		94
53) 2-Chloroethyl vinyl ether	7.669	63	530M6	2.695	ug/L		
54) Bromodichloromethane	7.040	83	59410	19.104	ug/L		97
57) 1,4-Dioxane	7.260	88	27023	958.808	ug/L	#	90
58) cis-1,3-Dichloropropene	7.737	75	68977	18.400	ug/L		90
61) Toluene	8.010	92	109307	18.872	ug/L		98
62) 4-Methyl-2-pentanone	8.445	58	17001	18.280	ug/L		92
63) Tetrachloroethene	8.460	166	43071	17.953	ug/L		99
65) trans-1,3-Dichloropropene	8.492	75	63888	18.554	ug/L		86
67) Ethyl methacrylate	8.670	69	55355	18.161	ug/L		88
68) 1,1,2-Trichloroethane	8.675	83	32221	18.783	ug/L		97
69) Chlorodibromomethane	8.890	129	46852	18.626	ug/L		99
70) 1,3-Dichloropropane	9.006	76	67197	19.113	ug/L		98
71) 1,2-Dibromoethane	9.174	107	40297	18.639	ug/L		97
72) 2-Hexanone	9.451	43	30123M1	19.130	ug/L		
73) Chlorobenzene	9.824	112	124461	18.332	ug/L	#	89
74) Ethylbenzene	9.860	91	201921	18.072	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.902	131	45520	18.080	ug/L		97
76) p/m Xylene	10.044	106	165885	36.466	ug/L		94
77) o Xylene	10.573	106	165963	36.468	ug/L		93
78) Styrene	10.636	104	277985	35.556	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A10.D
Acq On : 15 Sep 2025 6:00 pm
Operator : VOA110:JIC
Sample : I8260STD20PPB
Misc : WG2115392,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 16 09:21:17 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.663	173	31919	17.717	ug/L	99
82) Isopropylbenzene	10.946	105	200058	17.512	ug/L	98
84) Bromobenzene	11.381	156	55153	18.403	ug/L	97
85) n-Propylbenzene	11.412	91	238232	17.916	ug/L	97
86) 1,4-Dichlorobutane	11.433	55	69807	19.205	ug/L	98
87) 1,1,2,2-Tetrachloroethane	11.496	83	58699	19.031	ug/L	94
88) 4-Ethyltoluene	11.538	105	206490	17.926	ug/L	99
89) 2-Chlorotoluene	11.585	91	143829	18.147	ug/L	92
90) 1,3,5-Trimethylbenzene	11.633	105	177140	17.953	ug/L	98
91) 1,2,3-Trichloropropane	11.638	75	46587	19.051	ug/L	97
92) trans-1,4-Dichloro-2-b...	11.685	53	16590	18.869	ug/L	93
93) 4-Chlorotoluene	11.764	91	152573	18.147	ug/L	94
94) tert-Butylbenzene	11.968	119	152762	17.465	ug/L	99
97) 1,2,4-Trimethylbenzene	12.047	105	175177	17.628	ug/L	98
98) sec-Butylbenzene	12.157	105	220302	17.104	ug/L	95
99) p-Isopropyltoluene	12.309	119	197686	17.110	ug/L	97
100) 1,3-Dichlorobenzene	12.382	146	107118	18.035	ug/L	99
101) 1,4-Dichlorobenzene	12.471	146	110478	18.263	ug/L	99
102) p-Diethylbenzene	12.676	119	117587	16.924	ug/L	96
103) n-Butylbenzene	12.734	91	167214	17.182	ug/L	98
104) 1,2-Dichlorobenzene	12.896	146	104305	18.240	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.462	119	192331	17.475	ug/L	96
106) 1,2-Dibromo-3-chloropr...	13.667	155	11652	18.944	ug/L	94
107) 1,3,5-Trichlorobenzene	13.698	180	79824	18.262	ug/L	96
108) Hexachlorobutadiene	14.265	225	34046	16.645	ug/L	99
109) 1,2,4-Trichlorobenzene	14.296	180	73322	18.607	ug/L	97
110) Naphthalene	14.584	128	203842	19.496	ug/L	100
111) 1,2,3-Trichlorobenzene	14.752	180	72688	19.255	ug/L	96

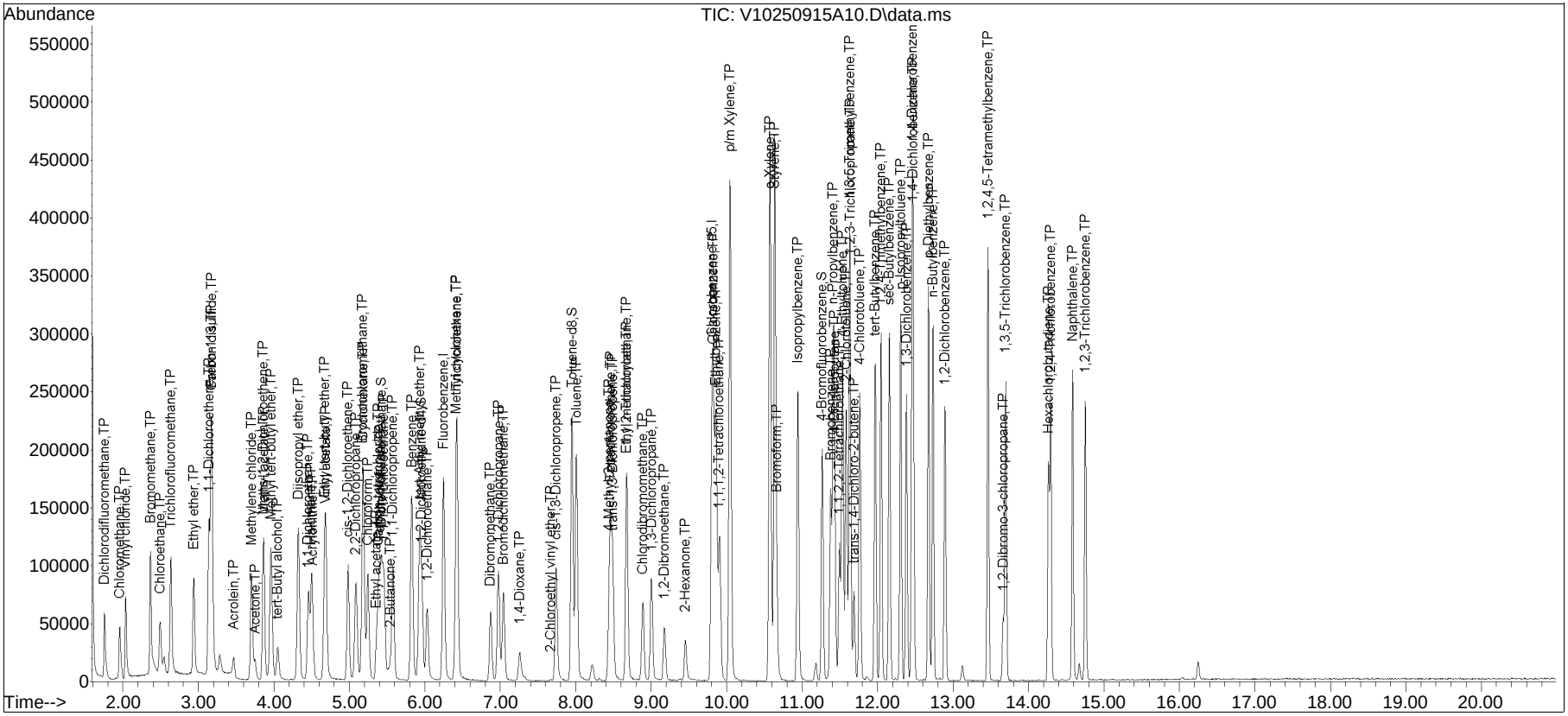
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A10.D
Acq On : 15 Sep 2025 6:00 pm
Operator : VOA110:JIC
Sample : I8260STD20PPB
Misc : WG2115392,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 16 09:21:17 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

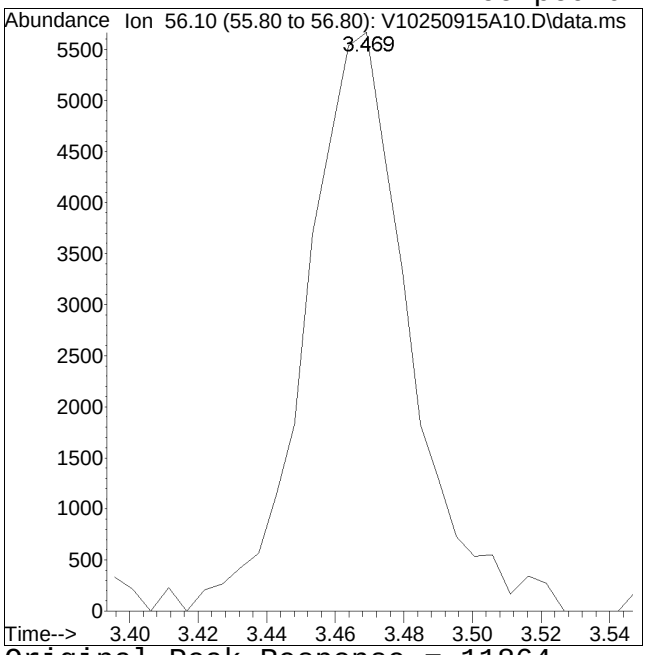
Sub List : 8260-CurveSoil - Megamix plus Diox250915A11.D•



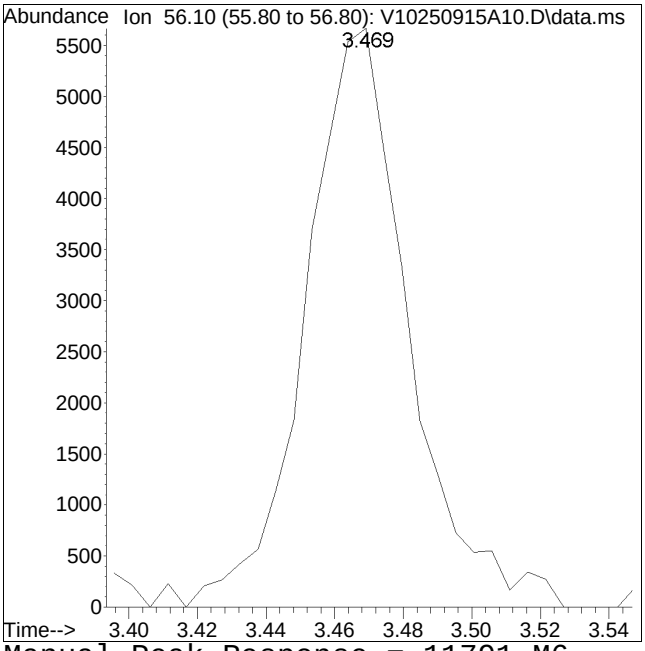
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A10.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 6:00 pm Instrument : VOA110
Sample : I8260STD20PPB Quant Date : 9/16/2025 9:02 am

Compound #14: Acrolein



Original Peak Response = 11864



Manual Peak Response = 11791 M6

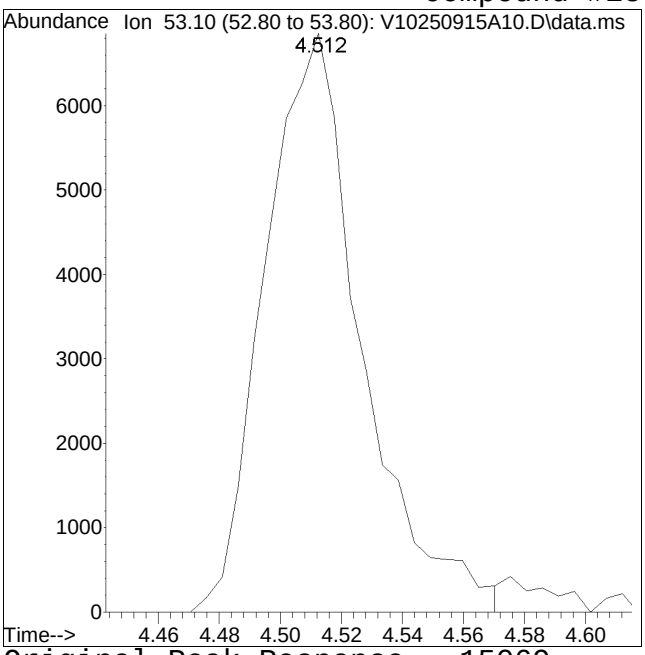
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

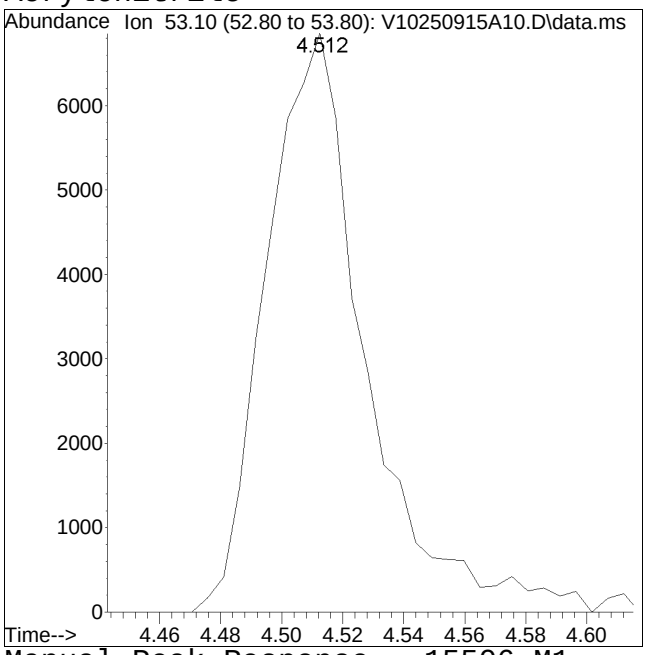
Data Path : K:\VOA110\2025\250915AICALQ
Data File : V10250915A10.D
Date Inj'd : 9/15/2025 6:00 pm
Sample : I8260STD20PPB

Method : V110_250915A_8260.m
Operator : VOA110:JIC
Instrument : VOA110
Quant Date : 9/16/2025 9:02 am

Compound #25: Acrylonitrile



Original Peak Response = 15069



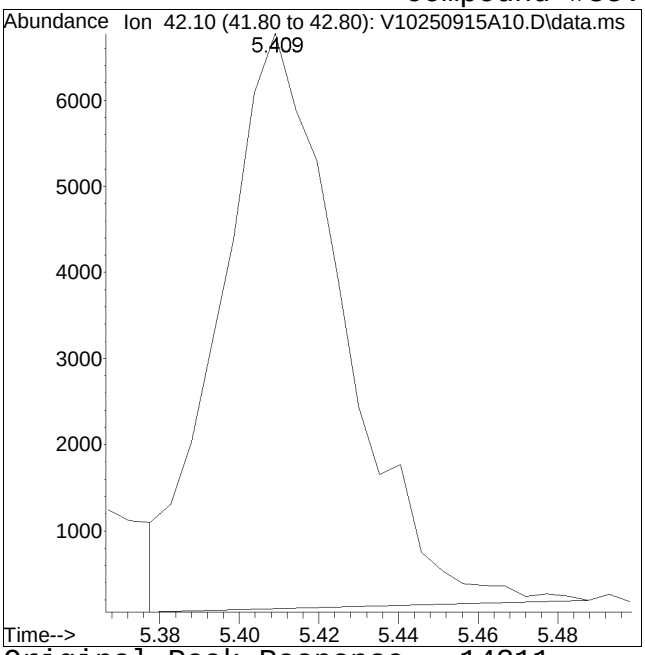
Manual Peak Response = 15506 M1

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

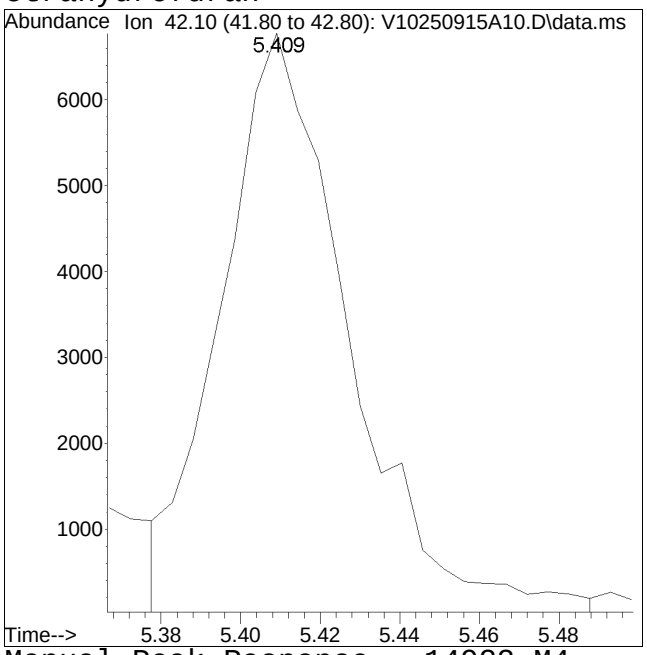
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A10.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 6:00 pm Instrument : VOA110
Sample : I8260STD20PPB Quant Date : 9/16/2025 9:02 am

Compound #35: Tetrahydrofuran



Original Peak Response = 14311



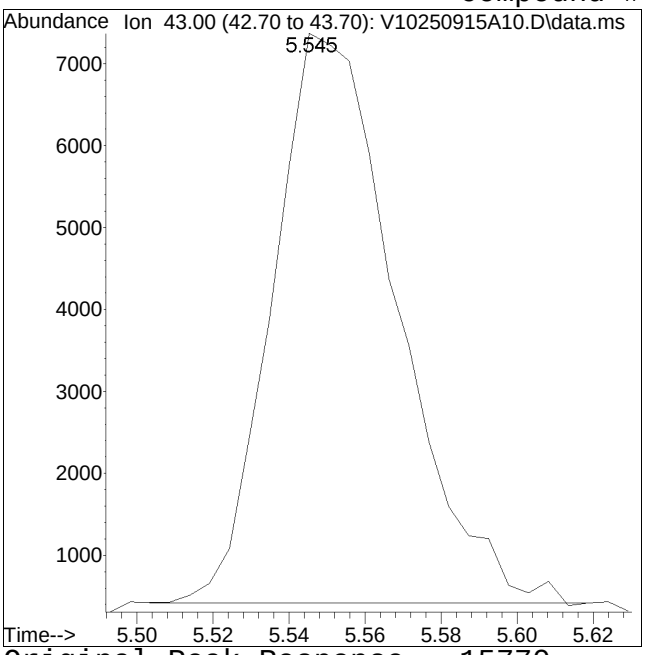
Manual Peak Response = 14922 M4

M4 = Poor automated baseline construction.

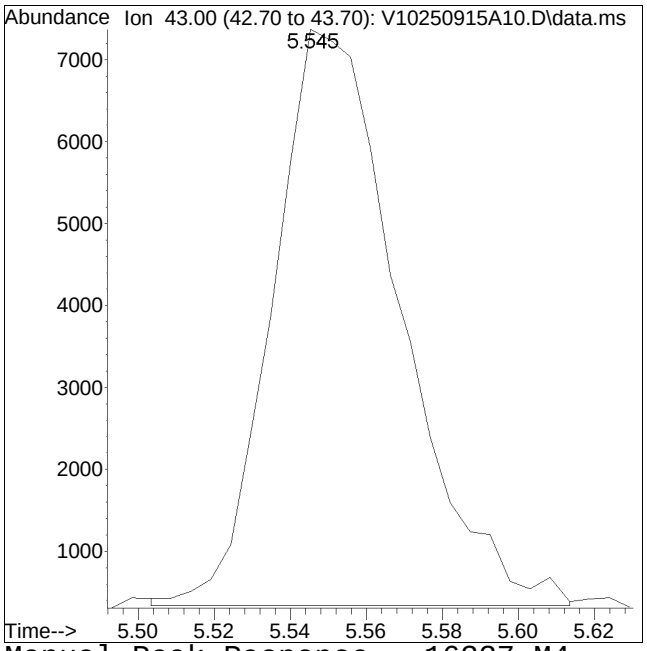
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A10.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 6:00 pm Instrument : VOA110
Sample : I8260STD20PPB Quant Date : 9/16/2025 9:02 am

Compound #39: 2-Butanone



Original Peak Response = 15770



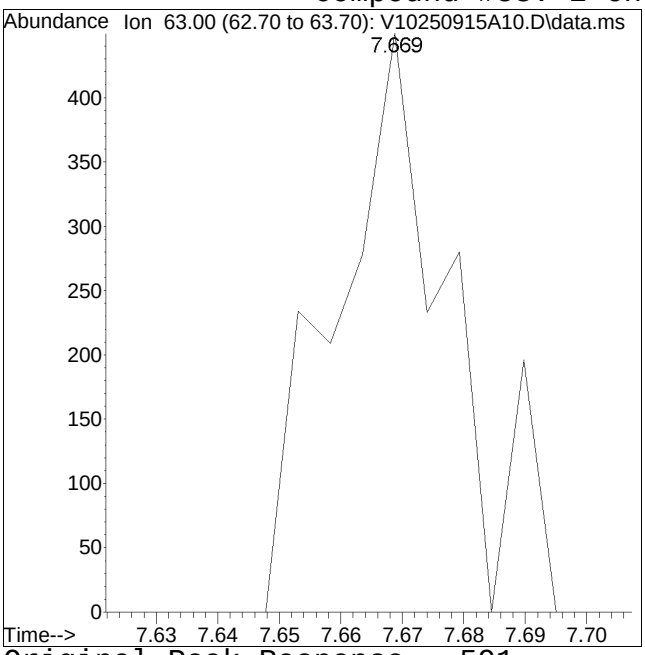
Manual Peak Response = 16337 M4

M4 = Poor automated baseline construction.

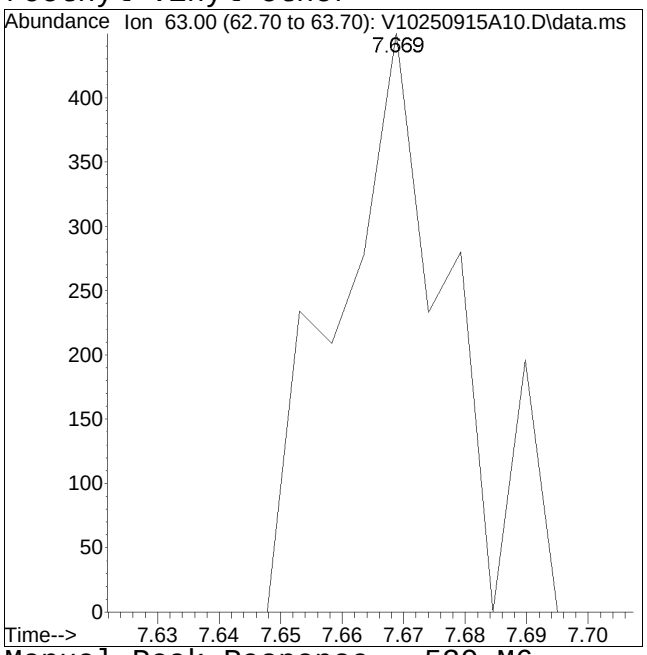
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A10.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 6:00 pm Instrument : VOA110
Sample : I8260STD20PPB Quant Date : 9/16/2025 9:02 am

Compound #53: 2-Chloroethyl vinyl ether



Original Peak Response = 591



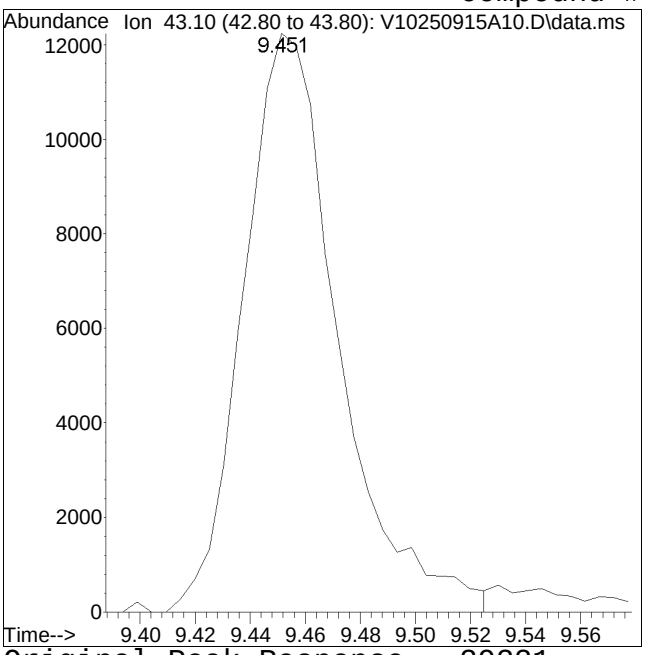
Manual Peak Response = 530 M6

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

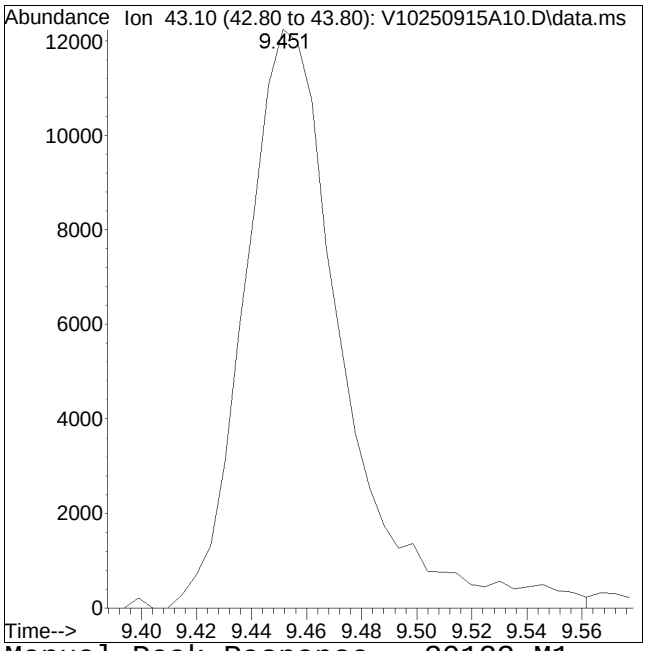
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A10.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 6:00 pm Instrument : VOA110
Sample : I8260STD20PPB Quant Date : 9/16/2025 9:02 am

Compound #72: 2-Hexanone



Original Peak Response = 29221



Manual Peak Response = 30123 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A11.D
Acq On : 15 Sep 2025 6:27 pm
Operator : VOA110:JIC
Sample : I8260STD40PPB
Misc : WG2115392,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 16 09:21:54 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 02 09:16:28 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.248	96	192304	20.000	ug/L	0.00
Standard Area 1 = 192304			Recovery = 100.00%			
59) Chlorobenzene-d5	9.808	117	156268	20.000	ug/L	0.00
Standard Area 1 = 156268			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.456	152	92858	20.000	ug/L	0.00
Standard Area 1 = 92858			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.425	113	51700	18.382	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.91%			
43) 1,2-Dichloroethane-d4	5.959	65	52147	18.799	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.99%			
60) Toluene-d8	7.947	98	197596	23.620	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 118.10%			
83) 4-Bromofluorobenzene	11.265	95	76333	19.241	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.754	85	100300	31.175	ug/L	97
3) Chloromethane	1.959	50	98004	27.573	ug/L	99
4) Vinyl chloride	2.038	62	125345	32.759	ug/L	96
5) Bromomethane	2.368	94	102854	42.626	ug/L	92
6) Chloroethane	2.489	64	87643	30.122	ug/L	97
7) Trichlorofluoromethane	2.635	101	181066	35.089	ug/L	100
8) Ethyl ether	2.939	74	74518	29.044	ug/L	88
10) 1,1-Dichloroethene	3.139	96	102377	32.129	ug/L	93
11) Carbon disulfide	3.170	76	371442	33.192	ug/L	99
12) Freon-113	3.175	101	106029	35.370	ug/L #	20
14) Acrolein	3.469	56	22348	31.743	ug/L	97
15) Methylene chloride	3.705	84	94574	24.671	ug/L	84
17) Acetone	3.752	43	36768	36.756	ug/L #	17
18) trans-1,2-Dichloroethene	3.862	96	95940	28.626	ug/L	86
19) Methyl acetate	3.867	43	61325	23.888	ug/L #	82
20) Methyl tert-butyl ether	3.962	73	292716	27.170	ug/L	92
21) tert-Butyl alcohol	4.051	59	75125	139.895	ug/L	93
22) Diisopropyl ether	4.324	45	258879	26.939	ug/L	96
23) 1,1-Dichloroethane	4.455	63	168153	28.880	ug/L	99
24) Halothane	4.497	117	70354	28.340	ug/L	99
25) Acrylonitrile	4.507	53	32352	28.650	ug/L #	93

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A11.D
Acq On : 15 Sep 2025 6:27 pm
Operator : VOA110:JIC
Sample : I8260STD40PPB
Misc : WG2115392,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 16 09:21:54 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 02 09:16:28 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	274677	28.137	ug/L		90
27) Vinyl acetate	4.691	43	177360	27.104	ug/L		98
28) cis-1,2-Dichloroethene	4.984	96	104076	27.994	ug/L		96
29) 2,2-Dichloropropane	5.084	77	140510	29.280	ug/L		88
30) Bromochloromethane	5.178	128	48746	27.327	ug/L		87
31) Cyclohexane	5.183	56	150204	31.662	ug/L		82
32) Chloroform	5.246	83	160510	26.983	ug/L		96
33) Ethyl acetate	5.356	43	87535	26.768	ug/L		98
34) Carbon tetrachloride	5.393	117	132681M6	30.781	ug/L		
35) Tetrahydrofuran	5.409	42	32792M4	27.953	ug/L		
37) 1,1,1-Trichloroethane	5.451	97	143097	29.773	ug/L		98
39) 2-Butanone	5.545	43	37998M4	25.698	ug/L		
40) 1,1-Dichloropropene	5.577	75	120518	30.152	ug/L		97
41) Benzene	5.828	78	362390	29.282	ug/L		97
42) tert-Amyl methyl ether	5.933	73	273159	27.862	ug/L		97
44) 1,2-Dichloroethane	6.028	62	117274	27.997	ug/L		99
47) Methyl cyclohexane	6.416	83	165190	30.582	ug/L		91
48) Trichloroethene	6.426	95	95864	29.707	ug/L		94
50) Dibromomethane	6.872	93	58156	27.017	ug/L	#	87
51) 1,2-Dichloropropane	6.977	63	92642	27.491	ug/L		96
53) 2-Chloroethyl vinyl ether	7.663	63	8223	9.789	ug/L		97
54) Bromodichloromethane	7.039	83	130017	28.366	ug/L		98
57) 1,4-Dioxane	7.260	88	58916M1	1387.422	ug/L		
58) cis-1,3-Dichloropropene	7.737	75	156730	28.372	ug/L		89
61) Toluene	8.009	92	239204	40.127	ug/L		99
62) 4-Methyl-2-pentanone	8.439	58	38408	37.440	ug/L		86
63) Tetrachloroethene	8.460	166	99080	41.349	ug/L		99
65) trans-1,3-Dichloropropene	8.492	75	142207	40.510	ug/L		86
67) Ethyl methacrylate	8.670	69	125880	40.195	ug/L		90
68) 1,1,2-Trichloroethane	8.675	83	70843	39.907	ug/L		98
69) Chlorodibromomethane	8.890	129	103883	39.271	ug/L		98
70) 1,3-Dichloropropane	9.006	76	145193	39.641	ug/L		100
71) 1,2-Dibromoethane	9.173	107	89288	39.013	ug/L		99
72) 2-Hexanone	9.451	43	65029	38.418	ug/L		94
73) Chlorobenzene	9.829	112	280379	41.672	ug/L		91
74) Ethylbenzene	9.860	91	461434	42.071	ug/L		97
75) 1,1,1,2-Tetrachloroethane	9.907	131	103975	40.890	ug/L		96
76) p/m Xylene	10.044	106	375731	84.603	ug/L		95
77) o Xylene	10.573	106	375888	84.942	ug/L		94
78) Styrene	10.636	104	645769	86.855	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A11.D
Acq On : 15 Sep 2025 6:27 pm
Operator : VOA110:JIC
Sample : I8260STD40PPB
Misc : WG2115392,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 16 09:21:54 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 02 09:16:28 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.662	173	76501	42.202	ug/L	97
82) Isopropylbenzene	10.946	105	485116	44.252	ug/L	99
84) Bromobenzene	11.381	156	127266	42.382	ug/L	98
85) n-Propylbenzene	11.412	91	564663	45.032	ug/L	98
86) 1,4-Dichlorobutane	11.433	55	154346	43.168	ug/L	100
87) 1,1,2,2-Tetrachloroethane	11.496	83	130978	43.020	ug/L	96
88) 4-Ethyltoluene	11.538	105	489138	44.816	ug/L	98
89) 2-Chlorotoluene	11.585	91	336565	44.268	ug/L	93
90) 1,3,5-Trimethylbenzene	11.632	105	418996	44.856	ug/L	97
91) 1,2,3-Trichloropropane	11.638	75	103843	44.583	ug/L	96
92) trans-1,4-Dichloro-2-b...	11.685	53	37336	43.587	ug/L	90
93) 4-Chlorotoluene	11.763	91	357019	45.628	ug/L	94
94) tert-Butylbenzene	11.968	119	371426	45.434	ug/L	99
97) 1,2,4-Trimethylbenzene	12.047	105	421990	45.611	ug/L	97
98) sec-Butylbenzene	12.157	105	546955	46.753	ug/L	95
99) p-Isopropyltoluene	12.303	119	490626	46.534	ug/L	97
100) 1,3-Dichlorobenzene	12.382	146	252217	46.538	ug/L	99
101) 1,4-Dichlorobenzene	12.471	146	256872	46.410	ug/L	99
102) p-Diethylbenzene	12.676	119	295044	46.701	ug/L	96
103) n-Butylbenzene	12.733	91	413263	47.340	ug/L	97
104) 1,2-Dichlorobenzene	12.896	146	242828	46.739	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.462	119	467361	46.435	ug/L	94
106) 1,2-Dibromo-3-chloropr...	13.667	155	26119	42.539	ug/L	95
107) 1,3,5-Trichlorobenzene	13.698	180	185609	44.021	ug/L	96
108) Hexachlorobutadiene	14.264	225	86859	42.891	ug/L	98
109) 1,2,4-Trichlorobenzene	14.291	180	167332	43.072	ug/L	98
110) Naphthalene	14.584	128	443995	45.669	ug/L	100
111) 1,2,3-Trichlorobenzene	14.752	180	160299	43.497	ug/L	98

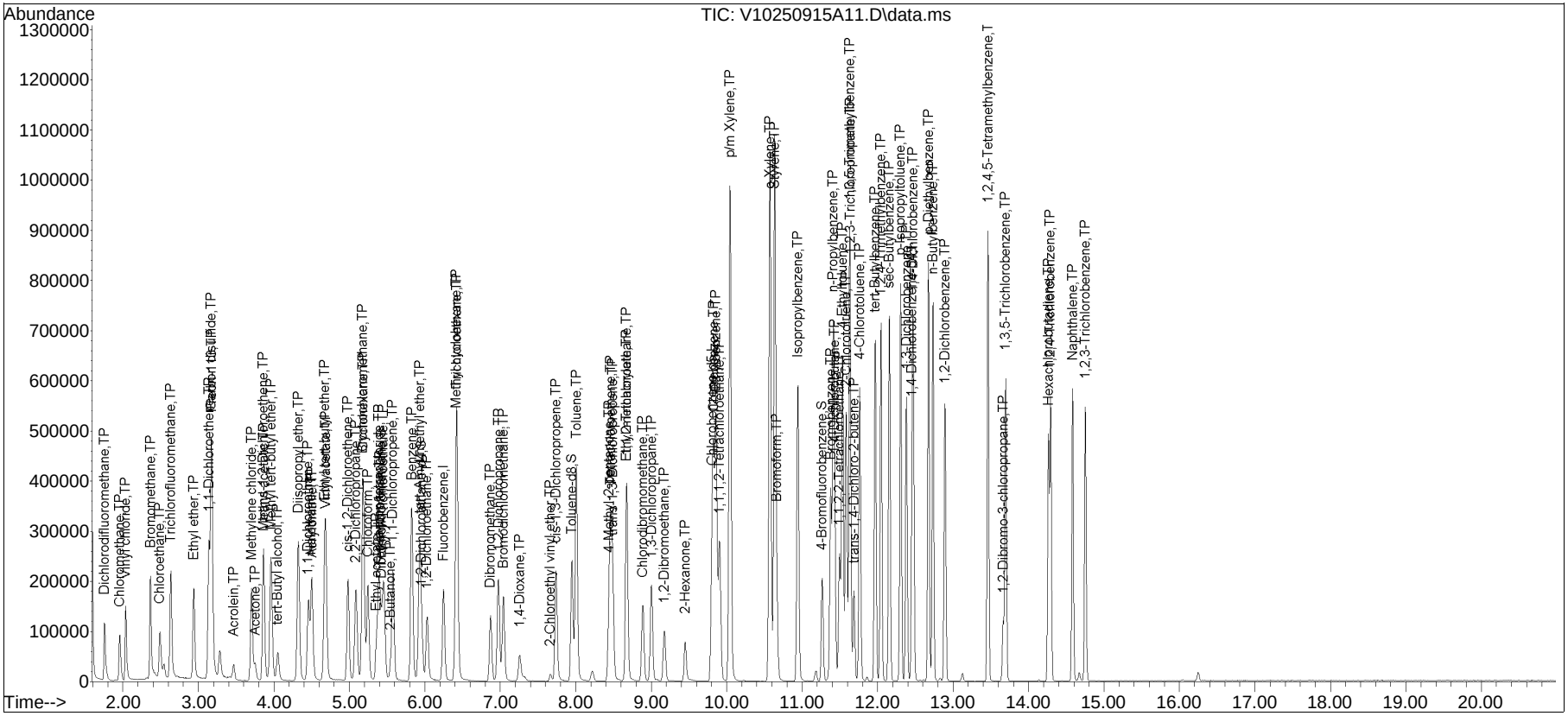
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A11.D
Acq On : 15 Sep 2025 6:27 pm
Operator : VOA110:JIC
Sample : I8260STD40PPB
Misc : WG2115392,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 16 09:21:54 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 02 09:16:28 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox250915A11.D•

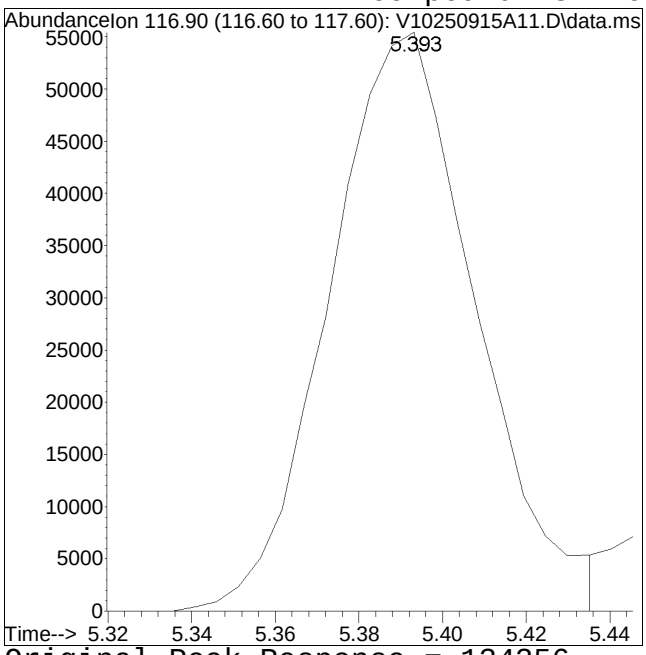


Manual Integration Report

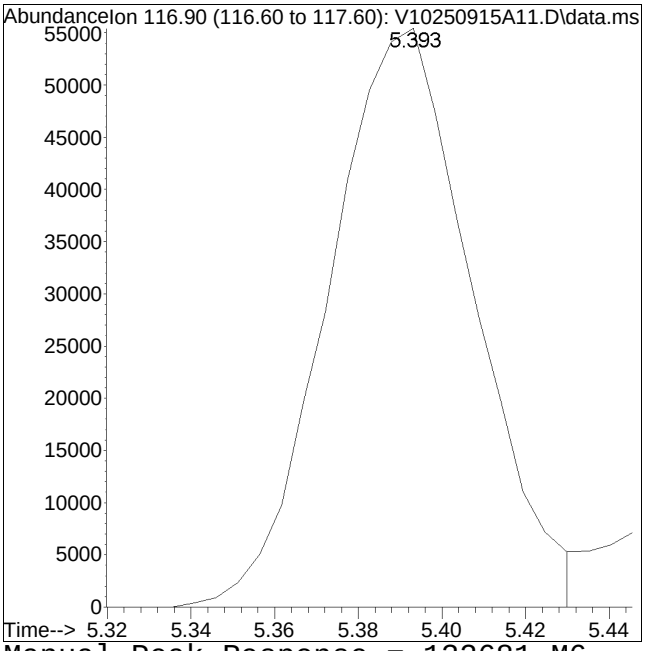
Data Path : K:\VOA110\2025\250915AICALQ
Data File : V10250915A11.D
Date Inj'd : 9/15/2025 6:27 pm
Sample : I8260STD40PPB

Method : V110_250915A_8260.m
Operator : VOA110:JIC
Instrument : VOA110
Quant Date : 9/16/2025 8:56 am

Compound #34: Carbon tetrachloride



Original Peak Response = 134356



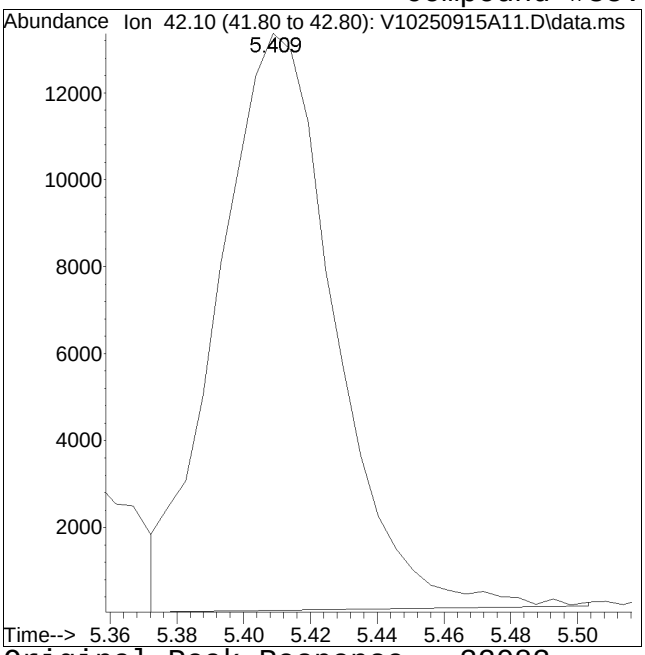
Manual Peak Response = 132681 M6

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

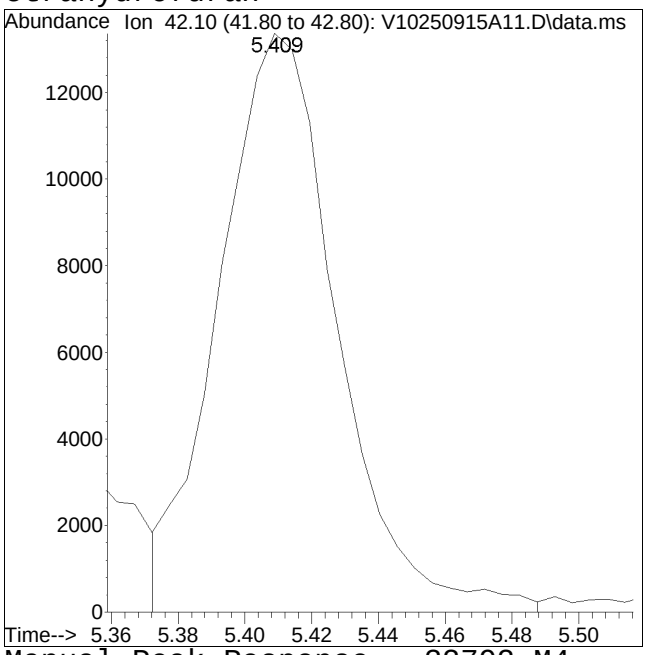
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A11.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 6:27 pm Instrument : VOA110
Sample : I8260STD40PPB Quant Date : 9/16/2025 8:56 am

Compound #35: Tetrahydrofuran



Original Peak Response = 32083



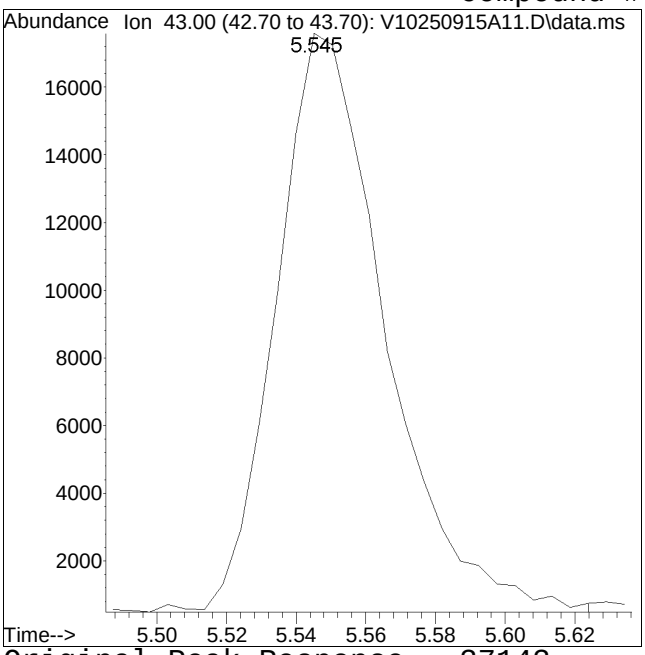
Manual Peak Response = 32792 M4

M4 = Poor automated baseline construction.

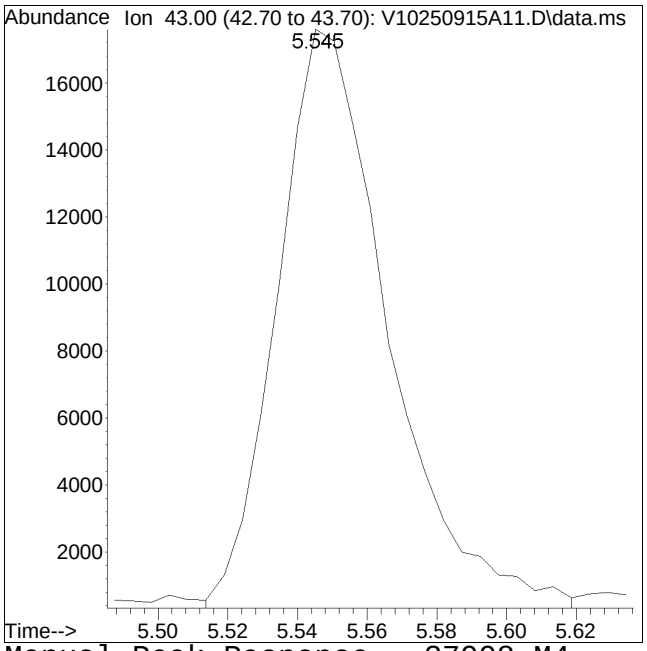
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A11.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 6:27 pm Instrument : VOA110
Sample : I8260STD40PPB Quant Date : 9/16/2025 8:56 am

Compound #39: 2-Butanone



Original Peak Response = 37143



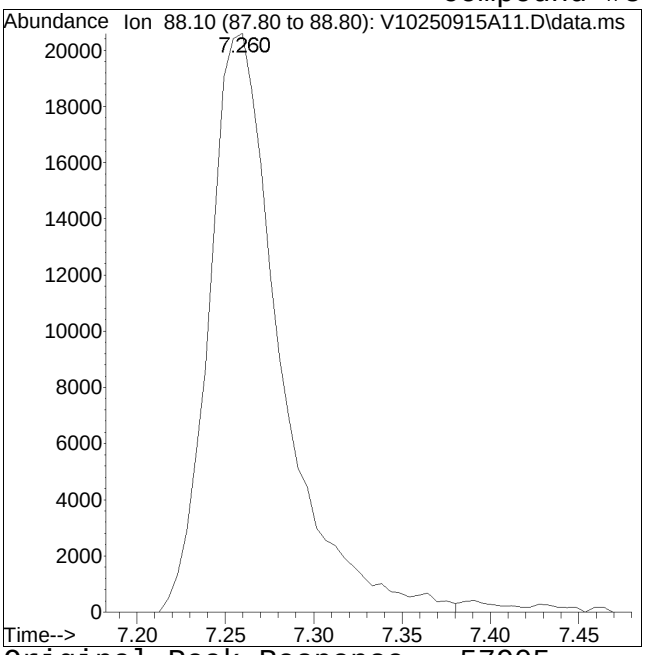
Manual Peak Response = 37998 M4

M4 = Poor automated baseline construction.

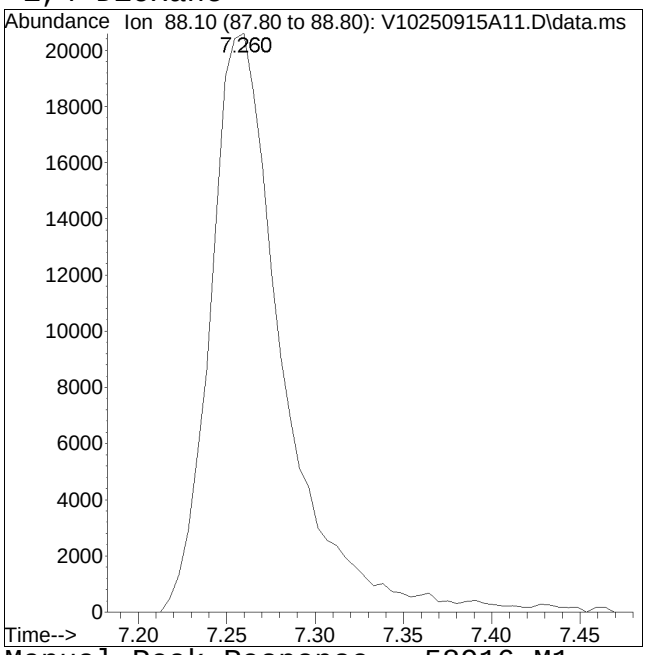
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A11.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 6:27 pm Instrument : VOA110
Sample : I8260STD40PPB Quant Date : 9/16/2025 8:56 am

Compound #57: 1,4-Dioxane



Original Peak Response = 57905



Manual Peak Response = 58916 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A12.D
Acq On : 15 Sep 2025 6:54 pm
Operator : VOA110:JIC
Sample : I8260STD100PPB
Misc : WG2115392,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 16 09:22:31 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.253	96	198974	20.000	ug/L	0.00
Standard Area 1 = 192304			Recovery = 103.47%			
59) Chlorobenzene-d5	9.803	117	158667	20.000	ug/L	0.00
Standard Area 1 = 156268			Recovery = 101.54%			
79) 1,4-Dichlorobenzene-d4	12.456	152	94503	20.000	ug/L	0.00
Standard Area 1 = 92858			Recovery = 101.77%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.430	113	51829	19.378	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.89%			
43) 1,2-Dichloroethane-d4	5.965	65	54027	20.026	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.13%			
60) Toluene-d8	7.947	98	195588	19.497	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.48%			
83) 4-Bromofluorobenzene	11.265	95	77209	19.877	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.38%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.760	85	238694	92.001	ug/L	97
3) Chloromethane	1.959	50	237882	93.836	ug/L	99
4) Vinyl chloride	2.038	62	299304	92.312	ug/L	97
5) Bromomethane	2.368	94	233574	87.792	ug/L	93
6) Chloroethane	2.483	64	224955	99.227	ug/L	96
7) Trichlorofluoromethane	2.635	101	440803	94.115	ug/L	100
8) Ethyl ether	2.939	74	191448	99.321	ug/L	86
10) 1,1-Dichloroethene	3.139	96	245437	92.681	ug/L	94
11) Carbon disulfide	3.170	76	895368	93.189	ug/L	99
12) Freon-113	3.175	101	253234	92.331	ug/L #	18
14) Acrolein	3.469	56	61404	106.221	ug/L	96
15) Methylene chloride	3.705	84	233989	95.648	ug/L	83
17) Acetone	3.752	43	99401	104.514	ug/L #	18
18) trans-1,2-Dichloroethene	3.862	96	235664	94.961	ug/L	86
19) Methyl acetate	3.873	43	167798	105.779	ug/L #	83
20) Methyl tert-butyl ether	3.962	73	774514	102.290	ug/L	91
21) tert-Butyl alcohol	4.051	59	195520	503.070	ug/L	94
22) Diisopropyl ether	4.324	45	678693	101.351	ug/L	96
23) 1,1-Dichloroethane	4.460	63	410087	94.281	ug/L	99
24) Halothane	4.502	117	175938	96.677	ug/L	98
25) Acrylonitrile	4.507	53	84101	100.497	ug/L #	90

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A12.D
Acq On : 15 Sep 2025 6:54 pm
Operator : VOA110:JIC
Sample : I8260STD100PPB
Misc : WG2115392,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 16 09:22:31 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.680	59	720146	101.356	ug/L		93
27) Vinyl acetate	4.691	43	499503	108.877	ug/L		97
28) cis-1,2-Dichloroethene	4.984	96	259483	96.385	ug/L		96
29) 2,2-Dichloropropane	5.089	77	343283	94.449	ug/L		88
30) Bromochloromethane	5.178	128	123845	98.218	ug/L		86
31) Cyclohexane	5.183	56	367997	94.714	ug/L		82
32) Chloroform	5.246	83	402609	96.969	ug/L		96
33) Ethyl acetate	5.356	43	241031	106.449	ug/L		97
34) Carbon tetrachloride	5.388	117	332344	96.835	ug/L		98
35) Tetrahydrofuran	5.409	42	81410M1	95.976	ug/L		
37) 1,1,1-Trichloroethane	5.456	97	352362	95.194	ug/L		97
39) 2-Butanone	5.545	43	107717	112.114	ug/L	#	16
40) 1,1-Dichloropropene	5.582	75	301073	96.577	ug/L		97
41) Benzene	5.828	78	917869	97.917	ug/L		96
42) tert-Amyl methyl ether	5.933	73	711709	100.725	ug/L		97
44) 1,2-Dichloroethane	6.033	62	303411	100.019	ug/L		100
47) Methyl cyclohexane	6.416	83	413076	96.671	ug/L		91
48) Trichloroethene	6.426	95	240353	96.927	ug/L		95
50) Dibromomethane	6.872	93	151842	100.937	ug/L	#	89
51) 1,2-Dichloropropane	6.977	63	233489	97.434	ug/L		98
53) 2-Chloroethyl vinyl ether	7.663	63	43358	203.841	ug/L		90
54) Bromodichloromethane	7.040	83	327755	97.454	ug/L		98
57) 1,4-Dioxane	7.254	88	160270	5258.247	ug/L	#	89
58) cis-1,3-Dichloropropene	7.737	75	397294	97.997	ug/L	#	88
61) Toluene	8.009	92	591457	97.409	ug/L		100
62) 4-Methyl-2-pentanone	8.439	58	99086	101.633	ug/L		88
63) Tetrachloroethene	8.460	166	244813	97.340	ug/L		98
65) trans-1,3-Dichloropropene	8.487	75	362832	100.514	ug/L		86
67) Ethyl methacrylate	8.670	69	324763	101.637	ug/L		91
68) 1,1,2-Trichloroethane	8.675	83	178312	99.158	ug/L		98
69) Chlorodibromomethane	8.890	129	266491	101.061	ug/L		97
70) 1,3-Dichloropropane	9.006	76	375267	101.821	ug/L		100
71) 1,2-Dibromoethane	9.173	107	230126	101.535	ug/L		98
72) 2-Hexanone	9.446	43	171218	103.726	ug/L		92
73) Chlorobenzene	9.829	112	687313	96.572	ug/L		91
74) Ethylbenzene	9.860	91	1129122	96.399	ug/L		96
75) 1,1,1,2-Tetrachloroethane	9.907	131	262803	99.574	ug/L		96
76) p/m Xylene	10.044	106	930621	195.150	ug/L		94
77) o Xylene	10.573	106	928058	194.532	ug/L		94
78) Styrene	10.641	104	1606252	195.979	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A12.D
Acq On : 15 Sep 2025 6:54 pm
Operator : VOA110:JIC
Sample : I8260STD100PPB
Misc : WG2115392,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 16 09:22:31 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.662	173	203424	104.513	ug/L	98
82) Isopropylbenzene	10.940	105	1188705	96.308	ug/L	98
84) Bromobenzene	11.375	156	315093	97.311	ug/L	99
85) n-Propylbenzene	11.412	91	1354634	94.290	ug/L	96
86) 1,4-Dichlorobutane	11.433	55	380547	96.905	ug/L	98
87) 1,1,2,2-Tetrachloroethane	11.496	83	324372	97.337	ug/L	95
88) 4-Ethyltoluene	11.533	105	1188528	95.502	ug/L	98
89) 2-Chlorotoluene	11.580	91	805089	94.017	ug/L	91
90) 1,3,5-Trimethylbenzene	11.632	105	1034132	97.006	ug/L	99
91) 1,2,3-Trichloropropane	11.638	75	261629	99.024	ug/L	96
92) trans-1,4-Dichloro-2-b...	11.685	53	91990	96.838	ug/L	86
93) 4-Chlorotoluene	11.763	91	850813	93.665	ug/L	93
94) tert-Butylbenzene	11.968	119	906513	95.926	ug/L	98
97) 1,2,4-Trimethylbenzene	12.047	105	1022610	95.245	ug/L	98
98) sec-Butylbenzene	12.157	105	1324784	95.198	ug/L	95
99) p-Isopropyltoluene	12.304	119	1182981	94.768	ug/L	96
100) 1,3-Dichlorobenzene	12.382	146	611872	95.350	ug/L	98
101) 1,4-Dichlorobenzene	12.471	146	619254	94.751	ug/L	99
102) p-Diethylbenzene	12.676	119	705920	94.038	ug/L	96
103) n-Butylbenzene	12.733	91	988072	93.971	ug/L	97
104) 1,2-Dichlorobenzene	12.896	146	582715	94.317	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.462	119	1124040	94.529	ug/L	95
106) 1,2-Dibromo-3-chloropr...	13.667	155	69142	104.044	ug/L	95
107) 1,3,5-Trichlorobenzene	13.698	180	455396	96.433	ug/L	95
108) Hexachlorobutadiene	14.264	225	211956	95.910	ug/L	99
109) 1,2,4-Trichlorobenzene	14.291	180	405539	95.255	ug/L	98
110) Naphthalene	14.584	128	1107127	98.006	ug/L	100
111) 1,2,3-Trichlorobenzene	14.752	180	390912	95.848	ug/L	98

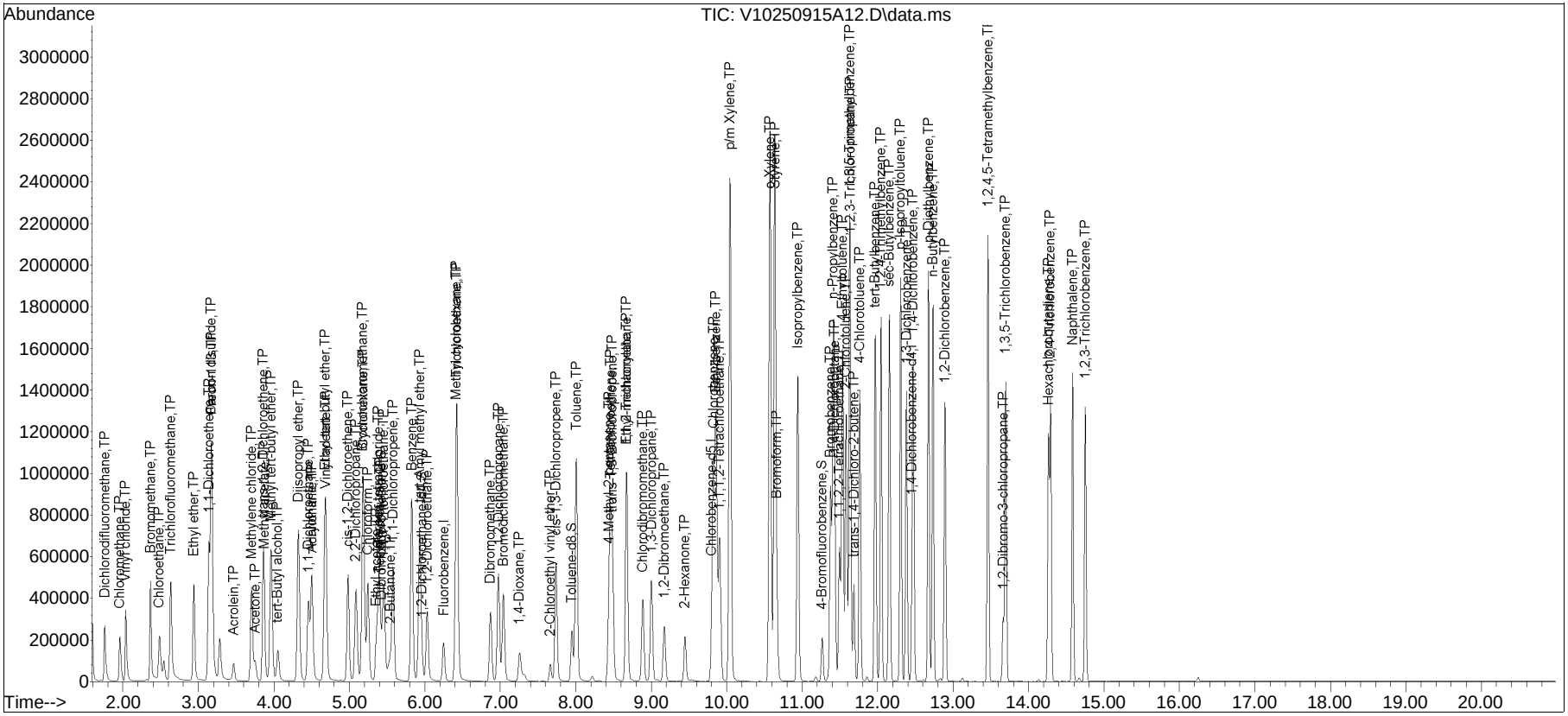
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A12.D
Acq On : 15 Sep 2025 6:54 pm
Operator : VOA110:JIC
Sample : I8260STD100PPB
Misc : WG2115392,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 16 09:22:31 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

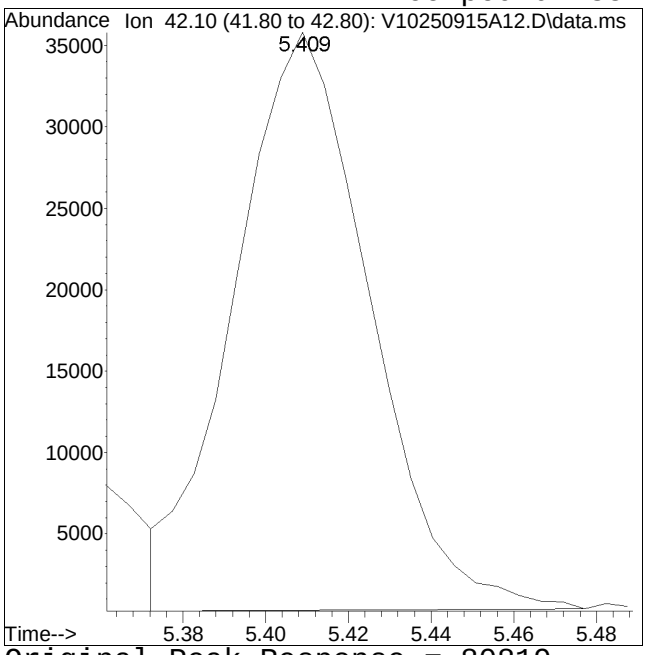
Sub List : 8260-CurveSoil - Megamix plus Diox250915A11.D•

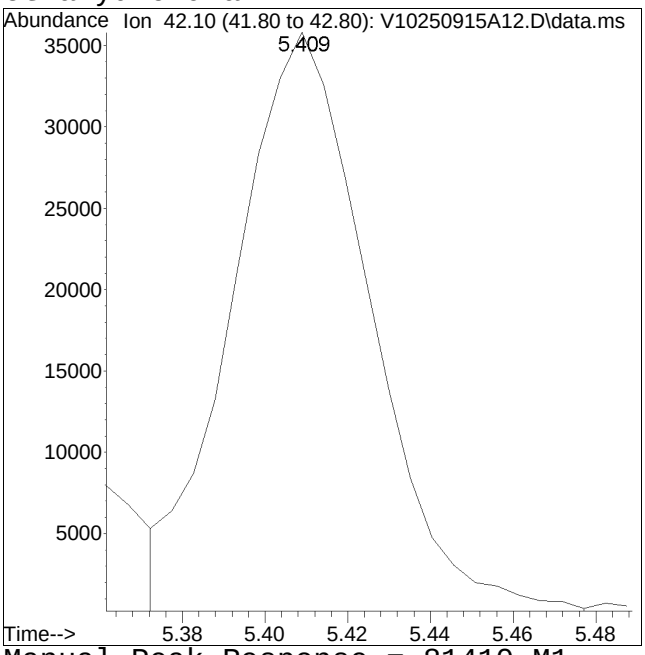


Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A12.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 6:54 pm Instrument : VOA110
Sample : I8260STD100PPB Quant Date : 9/16/2025 9:02 am

Compound #35: Tetrahydrofuran





Original Peak Response = 80819 Manual Peak Response = 81410 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A13.D
Acq On : 15 Sep 2025 7:21 pm
Operator : VOA110:JIC
Sample : I8260STD200PPB
Misc : WG2115392,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 16 09:23:28 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.248	96	208720	20.000	ug/L	0.00
Standard Area 1 = 192304			Recovery = 108.54%			
59) Chlorobenzene-d5	9.808	117	166711	20.000	ug/L	0.00
Standard Area 1 = 156268			Recovery = 106.68%			
79) 1,4-Dichlorobenzene-d4	12.456	152	96124	20.000	ug/L	0.00
Standard Area 1 = 92858			Recovery = 103.52%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.430	113	53385	19.028	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.14%			
43) 1,2-Dichloroethane-d4	5.965	65	57079	20.170	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.85%			
60) Toluene-d8	7.952	98	206175	19.561	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.80%			
83) 4-Bromofluorobenzene	11.266	95	80029	20.256	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.755	85	535728	196.846	ug/L	98
3) Chloromethane	1.959	50	535195	201.258	ug/L	100
4) Vinyl chloride	2.038	62	671074	197.309	ug/L	96
5) Bromomethane	2.363	94	515418	184.681	ug/L	94
6) Chloroethane	2.468	64	541133	227.547	ug/L	97
7) Trichlorofluoromethane	2.625	101	1020433	207.698	ug/L	99
8) Ethyl ether	2.940	74	424399	209.893	ug/L	86
10) 1,1-Dichloroethene	3.134	96	566038	203.764	ug/L	95
11) Carbon disulfide	3.165	76	2068057	205.190	ug/L	99
12) Freon-113	3.170	101	602962	209.580	ug/L #	24
14) Acrolein	3.464	56	125756	207.384	ug/L	95
15) Methylene chloride	3.700	84	527213	205.446	ug/L	82
17) Acetone	3.752	43	211058	211.551	ug/L #	18
18) trans-1,2-Dichloroethene	3.857	96	537017	206.287	ug/L	86
19) Methyl acetate	3.868	43	364257	218.904	ug/L #	82
20) Methyl tert-butyl ether	3.962	73	1733203	218.216	ug/L	91
21) tert-Butyl alcohol	4.056	59	427816	1049.366	ug/L	93
22) Diisopropyl ether	4.324	45	1528177	217.551	ug/L	96
23) 1,1-Dichloroethane	4.455	63	938873	205.772	ug/L	99
24) Halothane	4.502	117	410541	215.056	ug/L	98
25) Acrylonitrile	4.507	53	187784	213.915	ug/L #	91

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A13.D
Acq On : 15 Sep 2025 7:21 pm
Operator : VOA110:JIC
Sample : I8260STD200PPB
Misc : WG2115392,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 16 09:23:28 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	1642159	220.332	ug/L		92
27) Vinyl acetate	4.691	43	1109498	230.545	ug/L		97
28) cis-1,2-Dichloroethene	4.984	96	583870	206.752	ug/L		96
29) 2,2-Dichloropropane	5.084	77	787938	206.666	ug/L		88
30) Bromochloromethane	5.178	128	271662	205.388	ug/L		87
31) Cyclohexane	5.184	56	893400	219.204	ug/L		83
32) Chloroform	5.241	83	906980	208.248	ug/L		96
33) Ethyl acetate	5.357	43	537410	226.260	ug/L		97
34) Carbon tetrachloride	5.388	117	771414	214.271	ug/L		98
35) Tetrahydrofuran	5.409	42	176502M1	198.365	ug/L		
37) 1,1,1-Trichloroethane	5.456	97	816035	210.166	ug/L		97
39) 2-Butanone	5.545	43	236397	234.557	ug/L	#	18
40) 1,1-Dichloropropene	5.577	75	698733	213.670	ug/L		97
41) Benzene	5.823	78	2097885	213.349	ug/L		96
42) tert-Amyl methyl ether	5.933	73	1636574	220.803	ug/L		96
44) 1,2-Dichloroethane	6.028	62	670269	210.636	ug/L		99
47) Methyl cyclohexane	6.416	83	1009536	225.228	ug/L		91
48) Trichloroethene	6.426	95	563031	216.452	ug/L		96
50) Dibromomethane	6.872	93	335966	212.905	ug/L	#	89
51) 1,2-Dichloropropane	6.977	63	535433	213.001	ug/L		98
53) 2-Chloroethyl vinyl ether	7.664	63	200655	899.299	ug/L		89
54) Bromodichloromethane	7.040	83	747161	211.787	ug/L		98
57) 1,4-Dioxane	7.260	88	338293	10580.690	ug/L	#	90
58) cis-1,3-Dichloropropene	7.737	75	903231	212.388	ug/L	#	88
61) Toluene	8.010	92	1387612	217.503	ug/L		99
62) 4-Methyl-2-pentanone	8.440	58	221017	215.759	ug/L		87
63) Tetrachloroethene	8.461	166	584473	221.179	ug/L		98
65) trans-1,3-Dichloropropene	8.487	75	822477	216.855	ug/L		87
67) Ethyl methacrylate	8.670	69	716843	213.517	ug/L		89
68) 1,1,2-Trichloroethane	8.675	83	396054	209.615	ug/L		99
69) Chlorodibromomethane	8.890	129	613659	221.487	ug/L		98
70) 1,3-Dichloropropane	9.006	76	835412	215.735	ug/L		100
71) 1,2-Dibromoethane	9.174	107	512169	215.073	ug/L		98
72) 2-Hexanone	9.446	43	375584	216.554	ug/L		93
73) Chlorobenzene	9.824	112	1579392	211.208	ug/L		92
74) Ethylbenzene	9.860	91	2654730	215.713	ug/L		96
75) 1,1,1,2-Tetrachloroethane	9.908	131	607079	218.918	ug/L		97
76) p/m Xylene	10.044	106	2154064	429.910	ug/L		96
77) o Xylene	10.573	106	2128391	424.609	ug/L		96
78) Styrene	10.636	104	3745952	434.992	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A13.D
Acq On : 15 Sep 2025 7:21 pm
Operator : VOA110:JIC
Sample : I8260STD200PPB
Misc : WG2115392,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 16 09:23:28 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	10.668	173	455779	230.216	ug/L		99
82) Isopropylbenzene	10.946	105	2795022	222.632	ug/L		98
84) Bromobenzene	11.376	156	715123	217.128	ug/L		99
85) n-Propylbenzene	11.412	91	3174983	217.270	ug/L		97
86) 1,4-Dichlorobutane	11.433	55	840809	210.499	ug/L		99
87) 1,1,2,2-Tetrachloroethane	11.496	83	688801	203.209	ug/L		95
88) 4-Ethyltoluene	11.538	105	2774465	219.177	ug/L		99
89) 2-Chlorotoluene	11.585	91	1839454	211.187	ug/L		92
90) 1,3,5-Trimethylbenzene	11.633	105	2384968	219.948	ug/L		99
91) 1,2,3-Trichloropropane	11.638	75	564315	209.987	ug/L		96
92) trans-1,4-Dichloro-2-b...	11.685	53	201052	208.079	ug/L	#	87
93) 4-Chlorotoluene	11.764	91	1923406	208.174	ug/L		93
94) tert-Butylbenzene	11.968	119	2108331	219.338	ug/L		98
97) 1,2,4-Trimethylbenzene	12.047	105	2325547	212.946	ug/L		98
98) sec-Butylbenzene	12.157	105	3084785	217.932	ug/L		95
99) p-Isopropyltoluene	12.304	119	2744502	216.153	ug/L		97
100) 1,3-Dichlorobenzene	12.382	146	1380772	211.541	ug/L		98
101) 1,4-Dichlorobenzene	12.471	146	1381855	207.871	ug/L		99
102) p-Diethylbenzene	12.676	119	1664982	218.057	ug/L		96
103) n-Butylbenzene	12.734	91	2292682	214.370	ug/L		97
104) 1,2-Dichlorobenzene	12.896	146	1314817	209.225	ug/L		99
105) 1,2,4,5-Tetramethylben...	13.462	119	2609273	215.732	ug/L		95
106) 1,2-Dibromo-3-chloropr...	13.662	155	154993	229.299	ug/L		95
107) 1,3,5-Trichlorobenzene	13.698	180	1036141	215.709	ug/L		95
108) Hexachlorobutadiene	14.265	225	512198	227.861	ug/L		98
109) 1,2,4-Trichlorobenzene	14.291	180	915702	211.457	ug/L		98
110) Naphthalene	14.584	128	2444704	212.763	ug/L		100
111) 1,2,3-Trichlorobenzene	14.752	180	895649	215.901	ug/L		98

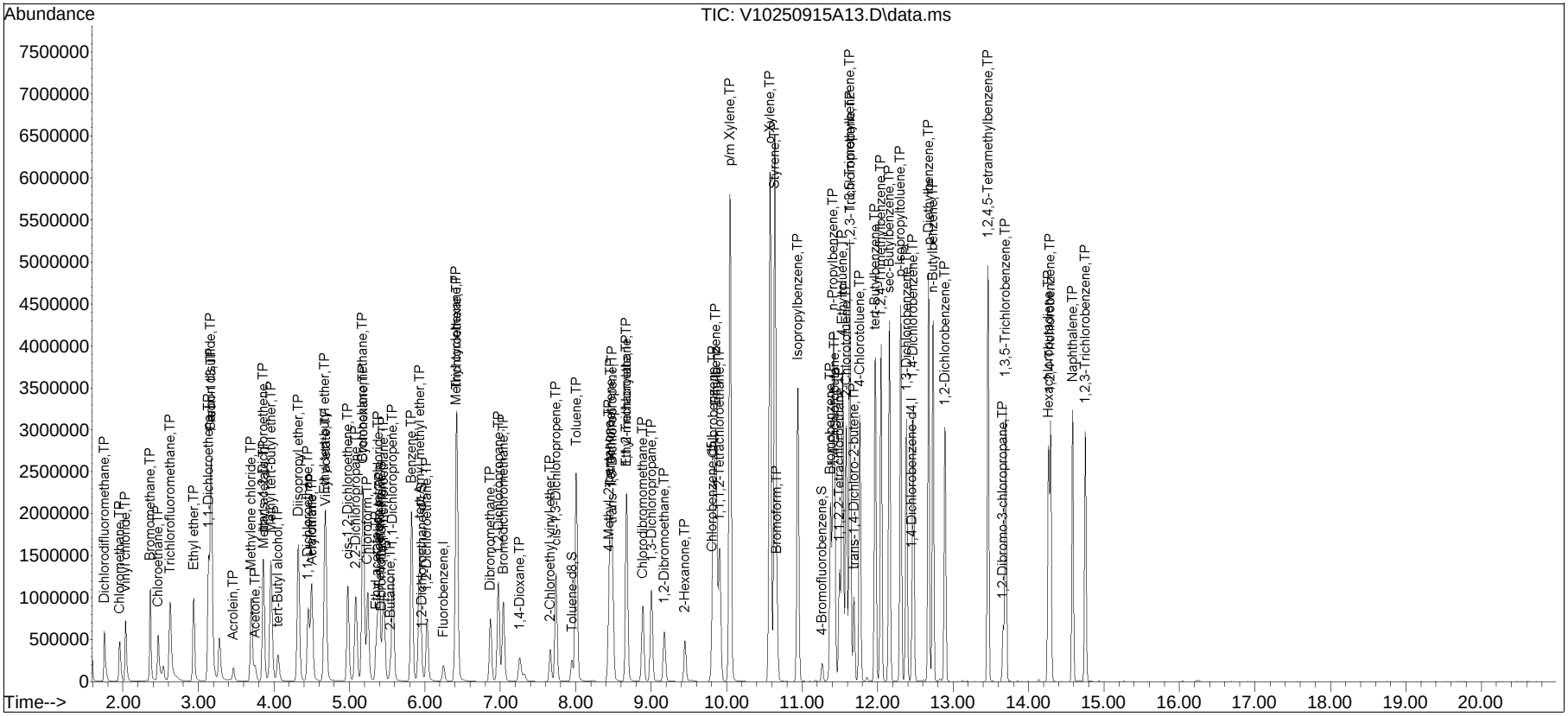
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A13.D
Acq On : 15 Sep 2025 7:21 pm
Operator : VOA110:JIC
Sample : I8260STD200PPB
Misc : WG2115392,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 16 09:23:28 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox250915A11.D•

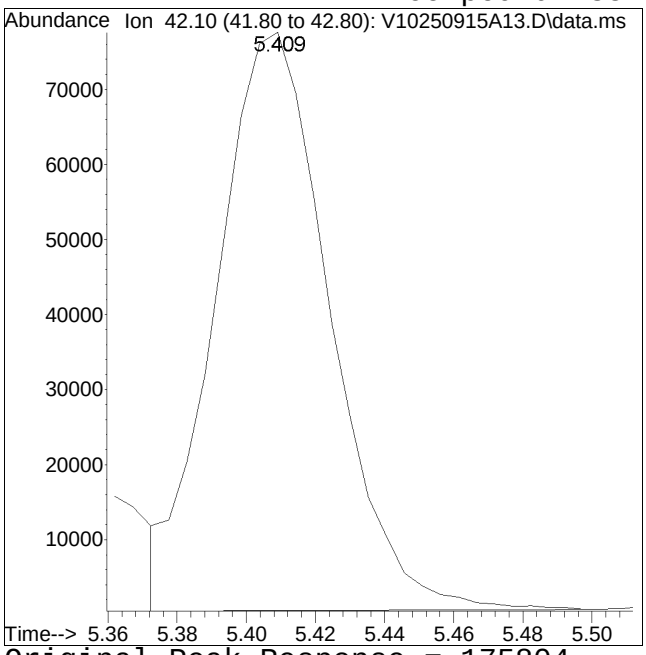


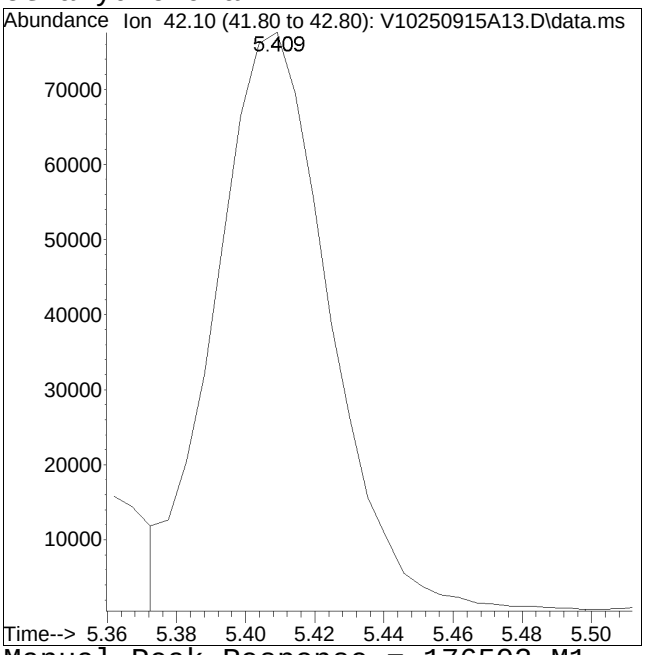
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQ
Data File : V10250915A13.D
Date Inj'd : 9/15/2025 7:21 pm
Sample : I8260STD200PPB

Method : V110_250915A_8260.m
Operator : VOA110:JIC
Instrument : VOA110
Quant Date : 9/16/2025 9:02 am

Compound #35: Tetrahydrofuran





Original Peak Response = 175804 Manual Peak Response = 176502 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A14.D
Acq On : 15 Sep 2025 7:48 pm
Operator : VOA110:JIC
Sample : I8260STD300PPB
Misc : WG2115392,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 16 09:24:47 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.248	96	214746	20.000	ug/L	0.00
Standard Area 1 = 192304			Recovery = 111.67%			
59) Chlorobenzene-d5	9.808	117	172234	20.000	ug/L	0.00
Standard Area 1 = 156268			Recovery = 110.22%			
79) 1,4-Dichlorobenzene-d4	12.461	152	98841	20.000	ug/L	0.00
Standard Area 1 = 92858			Recovery = 106.44%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.425	113	55705	19.297	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.48%			
43) 1,2-Dichloroethane-d4	5.965	65	59474	20.426	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.13%			
60) Toluene-d8	7.952	98	216788	19.908	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.54%			
83) 4-Bromofluorobenzene	11.265	95	81960	20.174	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.87%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.755	85	800239	285.787	ug/L	97
3) Chloromethane	1.954	50	790620	288.966	ug/L	100
4) Vinyl chloride	2.038	62	981694	280.538	ug/L	97
5) Bromomethane	2.363	94	765820	266.704	ug/L	94
6) Chloroethane	2.462	64	641084	262.012	ug/L	96
7) Trichlorofluoromethane	2.620	101	1527893	302.259	ug/L	99
8) Ethyl ether	2.934	74	629346	302.518	ug/L	85
10) 1,1-Dichloroethene	3.133	96	836294	292.604	ug/L	94
11) Carbon disulfide	3.165	76	3022846	291.506	ug/L	99
12) Freon-113	3.170	101	888258	300.080	ug/L #	25
14) Acrolein	3.464	56	182434	292.409	ug/L	96
15) Methylene chloride	3.700	84	786167	297.760	ug/L	82
17) Acetone	3.752	43	317536	309.347	ug/L #	18
18) trans-1,2-Dichloroethene	3.857	96	803535	300.005	ug/L	86
19) Methyl acetate	3.868	43	545550	318.655	ug/L #	82
20) Methyl tert-butyl ether	3.962	73	2615232	320.027	ug/L	91
21) tert-Butyl alcohol	4.056	59	647634	1543.968	ug/L	93
22) Diisopropyl ether	4.324	45	2280299	315.514	ug/L	96
23) 1,1-Dichloroethane	4.455	63	1384890	295.008	ug/L	98
24) Halothane	4.497	117	612149	311.668	ug/L	99
25) Acrylonitrile	4.502	53	284530	315.029	ug/L #	92

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A14.D
Acq On : 15 Sep 2025 7:48 pm
Operator : VOA110:JIC
Sample : I8260STD300PPB
Misc : WG2115392,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 16 09:24:47 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.680	59	2474864	322.740	ug/L		92
27) Vinyl acetate	4.691	43	1695468	342.418	ug/L		97
28) cis-1,2-Dichloroethene	4.979	96	864661	297.590	ug/L		96
29) 2,2-Dichloropropane	5.089	77	1173443	299.142	ug/L		87
30) Bromochloromethane	5.178	128	400403	294.226	ug/L		86
31) Cyclohexane	5.184	56	1330011	317.174	ug/L		83
32) Chloroform	5.246	83	1338679	298.743	ug/L		96
33) Ethyl acetate	5.357	43	804355	329.147	ug/L		97
34) Carbon tetrachloride	5.388	117	1166510	314.922	ug/L		97
35) Tetrahydrofuran	5.409	42	264957	289.421	ug/L	#	84
37) 1,1,1-Trichloroethane	5.456	97	1204616	301.537	ug/L		97
39) 2-Butanone	5.545	43	355780	343.106	ug/L	#	19
40) 1,1-Dichloropropene	5.577	75	1034796	307.557	ug/L		96
41) Benzene	5.823	78	3087180	305.147	ug/L		96
42) tert-Amyl methyl ether	5.933	73	2469222	323.793	ug/L		96
44) 1,2-Dichloroethane	6.033	62	999324	305.230	ug/L		99
47) Methyl cyclohexane	6.421	83	1516308	328.796	ug/L		90
48) Trichloroethene	6.426	95	823235	307.604	ug/L		95
50) Dibromomethane	6.872	93	504033	310.447	ug/L	#	88
51) 1,2-Dichloropropane	6.977	63	785866	303.853	ug/L		99
53) 2-Chloroethyl vinyl ether	7.663	63	349852	1523.973	ug/L		87
54) Bromodichloromethane	7.040	83	1088294	299.826	ug/L		97
57) 1,4-Dioxane	7.260	88	504206	15327.382	ug/L	#	89
58) cis-1,3-Dichloropropene	7.737	75	1342780	306.885	ug/L	#	88
61) Toluene	8.009	92	2036845	309.030	ug/L		100
62) 4-Methyl-2-pentanone	8.439	58	333622	315.242	ug/L		85
63) Tetrachloroethene	8.460	166	871105	319.077	ug/L		98
65) trans-1,3-Dichloropropene	8.492	75	1220766	311.546	ug/L		86
67) Ethyl methacrylate	8.670	69	1078865	311.044	ug/L		89
68) 1,1,2-Trichloroethane	8.675	83	592019	303.284	ug/L		99
69) Chlorodibromomethane	8.890	129	918556	320.902	ug/L		98
70) 1,3-Dichloropropane	9.006	76	1239424	309.803	ug/L		100
71) 1,2-Dibromoethane	9.173	107	769196	312.648	ug/L		98
72) 2-Hexanone	9.446	43	559074	312.013	ug/L		92
73) Chlorobenzene	9.824	112	2341291	303.055	ug/L		92
74) Ethylbenzene	9.860	91	3906471	307.246	ug/L		96
75) 1,1,1,2-Tetrachloroethane	9.907	131	892054	311.368	ug/L		97
76) p/m Xylene	10.049	106	3201433	618.456	ug/L		96
77) o Xylene	10.579	106	3181059	614.263	ug/L		96
78) Styrene	10.642	104	5623018	632.024	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A14.D
Acq On : 15 Sep 2025 7:48 pm
Operator : VOA110:JIC
Sample : I8260STD300PPB
Misc : WG2115392,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 16 09:24:47 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	10.668	173	683683	335.838	ug/L		98
82) Isopropylbenzene	10.946	105	4077171	315.832	ug/L		98
84) Bromobenzene	11.381	156	1032351	304.830	ug/L		98
85) n-Propylbenzene	11.412	91	4604612	306.440	ug/L		96
86) 1,4-Dichlorobutane	11.433	55	1255576	305.696	ug/L		99
87) 1,1,2,2-Tetrachloroethane	11.496	83	1019404	292.476	ug/L		95
88) 4-Ethyltoluene	11.538	105	4018987	308.765	ug/L		99
89) 2-Chlorotoluene	11.585	91	2669798	298.093	ug/L		92
90) 1,3,5-Trimethylbenzene	11.632	105	3514512	315.208	ug/L		99
91) 1,2,3-Trichloropropane	11.638	75	850482	307.773	ug/L		96
92) trans-1,4-Dichloro-2-b...	11.685	53	287924	289.796	ug/L	#	82
93) 4-Chlorotoluene	11.764	91	2795237	294.218	ug/L		93
94) tert-Butylbenzene	11.968	119	3084699	312.092	ug/L		99
97) 1,2,4-Trimethylbenzene	12.047	105	3429976	305.444	ug/L		99
98) sec-Butylbenzene	12.157	105	4572483	314.154	ug/L		96
99) p-Isopropyltoluene	12.309	119	4073505	312.004	ug/L		97
100) 1,3-Dichlorobenzene	12.382	146	2017981	300.666	ug/L		98
101) 1,4-Dichlorobenzene	12.477	146	2022819	295.926	ug/L		99
102) p-Diethylbenzene	12.676	119	2442079	311.039	ug/L		97
103) n-Butylbenzene	12.733	91	3414009	310.442	ug/L		98
104) 1,2-Dichlorobenzene	12.896	146	1913683	296.151	ug/L		99
105) 1,2,4,5-Tetramethylben...	13.462	119	3869869	311.162	ug/L		95
106) 1,2-Dibromo-3-chloropr...	13.667	155	231743	333.420	ug/L		97
107) 1,3,5-Trichlorobenzene	13.698	180	1512082	306.139	ug/L		94
108) Hexachlorobutadiene	14.264	225	751701	325.216	ug/L		99
109) 1,2,4-Trichlorobenzene	14.291	180	1351537	303.523	ug/L		97
110) Naphthalene	14.584	128	3620660	306.445	ug/L		100
111) 1,2,3-Trichlorobenzene	14.752	180	1317402	308.837	ug/L		98

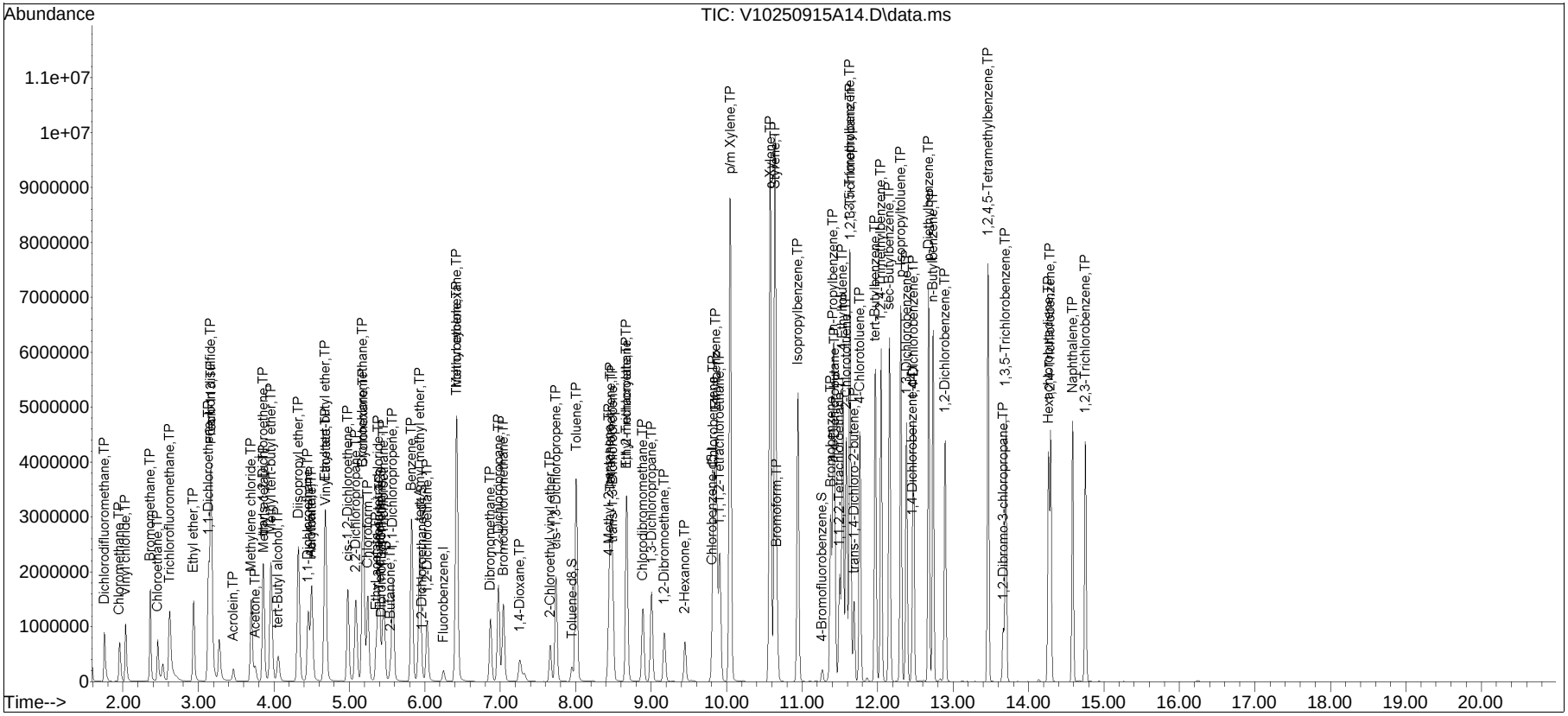
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A14.D
Acq On : 15 Sep 2025 7:48 pm
Operator : VOA110:JIC
Sample : I8260STD300PPB
Misc : WG2115392,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 16 09:24:47 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:00:50 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox250915A11.D•



Manual Integration Report

Data Path	: K:\VOA110\2025\250915AICALQ	Method	: V110_250915A_8260.m
Data File	: V10250915A14.D	Operator	: VOA110:JIC
Date Inj'd	: 9/15/2025 7:48 pm	Instrument	: VOA110
Sample	: I8260STD300PPB	Quant Date	: 9/16/2025 9:02 am

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

Evaluate Continuing Calibration Report

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A18.D
Acq On : 15 Sep 2025 9:37 pm
Operator : VOA110:JIC
Sample : C8260STD40PPB
Misc : WG2115392,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 16 09:47:46 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	98	0.00
2	TP	Dichlorodifluoromethane	0.233	0.257	-10.3	97	0.00
3	TP	Chloromethane	0.269	0.267	0.7	103	0.00
4	TP	Vinyl chloride	0.307	0.316	-2.9	95	0.00
5	TP	Bromomethane	0.283	0.265	6.4	98	0.00
6	TP	Chloroethane	0.229	0.236	-3.1	102	0.00
7	TP	Trichlorofluoromethane	0.424	0.466	-9.9	97	0.00
8	TP	Ethyl ether	0.198	0.179	9.6	91	0.00
10	TP	1,1-Dichloroethene	0.259	0.254	1.9	94	0.00
11	TP	Carbon disulfide	0.958	0.869	9.3	89	0.00
12	TP	Freon-113	0.245	0.292	-19.2	104	0.00
14	TP	Acrolein	* 40.000	15.266	61.8#	44#	0.00
15	TP	Methylene chloride	0.276	0.251	9.1	100	0.00
17	TP	Acetone	* 40.000	28.477	28.8#	77	0.00
18	TP	trans-1,2-Dichloroethene	0.246	0.248	-0.8	98	0.00
19	TP	Methyl acetate	0.164	0.162	1.2	100	0.00
20	TP	Methyl tert-butyl ether	0.760	0.697	8.3	90	0.00
21	TP	tert-Butyl alcohol	0.043	0.041	4.7	104	0.00
22	TP	Diisopropyl ether	0.676	0.663	1.9	97	0.00
23	TP	1,1-Dichloroethane	0.439	0.428	2.5	96	0.00
24	TP	Halothane	0.177	0.187	-5.6	100	0.00
25	TP	Acrylonitrile	0.085	0.082	3.5	96	0.00
26	TP	Ethyl tert-butyl ether	0.713	0.723	-1.4	100	0.00
27	TP	Vinyl acetate	0.481	0.472	1.9	101	0.00
28	TP	cis-1,2-Dichloroethene	0.272	0.260	4.4	94	0.00
29	TP	2,2-Dichloropropane	0.370	0.355	4.1	96	0.00
30	TP	Bromochloromethane	0.131	0.127	3.1	98	0.00
31	TP	Cyclohexane	0.344	0.411	-19.5	104	0.00
32	TP	Chloroform	0.452	0.412	8.8	97	0.00
33	TP	Ethyl acetate	0.236	0.240	-1.7	104	0.00
34	TP	Carbon tetrachloride	0.321	0.342	-6.5	98	0.00
35	TP	Tetrahydrofuran	0.091	0.083	8.8	96	0.00
36	S	Dibromofluoromethane	0.269	0.261	3.0	96	0.00
37	TP	1,1,1-Trichloroethane	0.351	0.376	-7.1	99	0.00
39	TP	2-Butanone	0.098	0.105	-7.1	104	0.00
40	TP	1,1-Dichloropropene	0.296	0.332	-12.2	104	0.00
41	TP	Benzene	0.928	0.942	-1.5	98	0.00
42	TP	tert-Amyl methyl ether	0.704	0.694	1.4	96	0.00
43	S	1,2-Dichloroethane-d4	0.275	0.278	-1.1	101	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A18.D
Acq On : 15 Sep 2025 9:37 pm
Operator : VOA110:JIC
Sample : C8260STD40PPB
Misc : WG2115392,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 16 09:47:46 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.311	0.307	1.3	99	0.00
47	TP	Methyl cyclohexane	* 40.000	39.843	0.4	102	0.00
48	TP	Trichloroethene	0.247	0.256	-3.6	101	0.00
50	TP	Dibromomethane	0.156	0.151	3.2	99	0.00
51	TP	1,2-Dichloropropane	0.242	0.239	1.2	98	0.00
53	TP	2-Chloroethyl vinyl ether	0.000	0.141	0.0	0#	0.00
54	TP	Bromodichloromethane	0.335	0.317	5.4	92	0.00
57	TP	1,4-Dioxane	0.00287	0.00358#	-24.7#	115	0.00
58	TP	cis-1,3-Dichloropropene	0.381	0.398	-4.5	96	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
60	S	Toluene-d8	1.234	1.267	-2.7	98	0.00
61	TP	Toluene	0.753	0.773	-2.7	99	0.00
62	TP	4-Methyl-2-pentanone	0.112	0.116	-3.6	92	0.00
63	TP	Tetrachloroethene	0.297	0.322	-8.4	100	0.00
65	TP	trans-1,3-Dichloropropene	0.435	0.446	-2.5	96	0.00
67	TP	Ethyl methacrylate	0.380	0.403	-6.1	98	0.00
68	TP	1,1,2-Trichloroethane	0.219	0.221	-0.9	96	0.00
69	TP	Chlorodibromomethane	0.320	0.335	-4.7	99	0.00
70	TP	1,3-Dichloropropane	0.458	0.473	-3.3	100	0.00
71	TP	1,2-Dibromoethane	0.269	0.288	-7.1	99	0.00
72	TP	2-Hexanone	0.220	0.207	5.9	98	0.00
73	TP	Chlorobenzene	0.864	0.879	-1.7	96	0.00
74	TP	Ethylbenzene	1.443	1.487	-3.0	99	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.312	0.323	-3.5	95	0.00
76	TP	p/m Xylene	0.578	0.609	-5.4	99	0.00
77	TP	o Xylene	0.575	0.599	-4.2	98	0.00
78	TP	Styrene	0.969	1.025	-5.8	97	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
80	TP	Bromoform	0.398	0.407	-2.3	95	0.00
82	TP	Isopropylbenzene	2.501	2.624	-4.9	97	0.00
83	S	4-Bromofluorobenzene	0.839	0.837	0.2	98	0.00
84	TP	Bromobenzene	0.675	0.680	-0.7	96	0.00
85	TP	n-Propylbenzene	2.890	3.122	-8.0	99	0.00
86	TP	1,4-Dichlorobutane	0.841	0.866	-3.0	100	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.682	0.651	4.5	89	0.00
88	TP	4-Ethyltoluene	2.553	2.798	-9.6	102	0.00
89	TP	2-Chlorotoluene	1.769	1.806	-2.1	96	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A18.D
Acq On : 15 Sep 2025 9:37 pm
Operator : VOA110:JIC
Sample : C8260STD40PPB
Misc : WG2115392,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 16 09:47:46 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 TP	1,3,5-Trimethylbenzene	2.178	2.308	-6.0	99	0.00
91 TP	1,2,3-Trichloropropane	0.550	0.565	-2.7	97	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.198	0.202	-2.0	97	0.00
93 TP	4-Chlorotoluene	1.863	1.899	-1.9	95	0.00
94 TP	tert-Butylbenzene	1.882	2.030	-7.9	98	0.00
97 TP	1,2,4-Trimethylbenzene	2.149	2.326	-8.2	99	0.00
98 TP	sec-Butylbenzene	2.722	2.993	-10.0	98	0.00
99 TP	p-Isopropyltoluene	2.444	2.666	-9.1	97	0.00
100 TP	1,3-Dichlorobenzene	1.304	1.342	-2.9	95	0.00
101 TP	1,4-Dichlorobenzene	1.352	1.334	1.3	93	0.00
102 TP	p-Diethylbenzene	1.477	1.542	-4.4	93	0.00
103 TP	n-Butylbenzene	2.061	2.313	-12.2	100	0.00
104 TP	1,2-Dichlorobenzene	1.248	1.284	-2.9	95	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.355	2.555	-8.5	98	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.136	0.135	0.7	93	0.00
107 TP	1,3,5-Trichlorobenzene	0.963	0.949	1.5	91	0.00
108 TP	Hexachlorobutadiene	0.430	0.468	-8.8	96	0.00
109 TP	1,2,4-Trichlorobenzene	0.867	0.883	-1.8	94	0.00
110 TP	Naphthalene	2.343	2.356	-0.6	95	0.00
111 TP	1,2,3-Trichlorobenzene	0.843	0.841	0.2	94	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A18.D
Acq On : 15 Sep 2025 9:37 pm
Operator : VOA110:JIC
Sample : C8260STD40PPB
Misc : WG2115392,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 16 09:47:46 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.248	96	189287	20.000 ug/L	0.00
Standard Area 1 = 192304			Recovery = 98.43%		
59) Chlorobenzene-d5	9.803	117	153252	20.000 ug/L	0.00
Standard Area 1 = 156268			Recovery = 98.07%		
79) 1,4-Dichlorobenzene-d4	12.461	152	89420	20.000 ug/L	0.00
Standard Area 1 = 92858			Recovery = 96.30%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.425	113	49418	19.416 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.08%		
43) 1,2-Dichloroethane-d4	5.965	65	52557	20.217 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.09%		
60) Toluene-d8	7.947	98	194244	20.545 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.72%		
83) 4-Bromofluorobenzene	11.265	95	74881	19.970 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.85%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.755	85	97247	44.027 ug/L	96
3) Chloromethane	1.959	50	100951	39.671 ug/L	100
4) Vinyl chloride	2.038	62	119444	41.055 ug/L	97
5) Bromomethane	2.363	94	100378	37.493 ug/L	93
6) Chloroethane	2.483	64	89280	41.173 ug/L	96
7) Trichlorofluoromethane	2.630	101	176309	43.924 ug/L	99
8) Ethyl ether	2.939	74	67790	36.188 ug/L	86
10) 1,1-Dichloroethene	3.139	96	96314	39.233 ug/L	94
11) Carbon disulfide	3.170	76	329127	36.282 ug/L	99
12) Freon-113	3.170	101	110584	47.642 ug/L #	46
14) Acrolein	3.469	56	9747	15.266 ug/L	91
15) Methylene chloride	3.705	84	94967	36.362 ug/L	83
17) Acetone	3.752	43	28135	28.477 ug/L #	25
18) trans-1,2-Dichloroethene	3.862	96	93761	40.247 ug/L	85
19) Methyl acetate	3.873	43	61233	39.360 ug/L #	84
20) Methyl tert-butyl ether	3.962	73	264014	36.711 ug/L	92
21) tert-Butyl alcohol	4.051	59	77812	189.122 ug/L	93
22) Diisopropyl ether	4.324	45	251004	39.237 ug/L	96
23) 1,1-Dichloroethane	4.455	63	161853	38.997 ug/L	98
24) Halothane	4.497	117	70672	42.073 ug/L	99
25) Acrylonitrile	4.507	53	30944	38.454 ug/L #	89

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A18.D
Acq On : 15 Sep 2025 9:37 pm
Operator : VOA110:JIC
Sample : C8260STD40PPB
Misc : WG2115392,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 16 09:47:46 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.680	59	273720	40.573	ug/L		91
27) Vinyl acetate	4.691	43	178813	39.309	ug/L		98
28) cis-1,2-Dichloroethene	4.984	96	98310	38.256	ug/L		96
29) 2,2-Dichloropropane	5.089	77	134362	38.403	ug/L		88
30) Bromochloromethane	5.178	128	47995	38.706	ug/L		87
31) Cyclohexane	5.184	56	155506	47.832	ug/L		89
32) Chloroform	5.246	83	156147	36.515	ug/L		96
33) Ethyl acetate	5.357	43	90892	40.661	ug/L		98
34) Carbon tetrachloride	5.393	117	129555	42.614	ug/L		98
35) Tetrahydrofuran	5.409	42	31372M1	36.540	ug/L		
37) 1,1,1-Trichloroethane	5.456	97	142166	42.746	ug/L		97
39) 2-Butanone	5.551	43	39703	42.846	ug/L	#	21
40) 1,1-Dichloropropene	5.577	75	125774	44.951	ug/L		96
41) Benzene	5.828	78	356654	40.602	ug/L		97
42) tert-Amyl methyl ether	5.933	73	262546	39.383	ug/L		98
44) 1,2-Dichloroethane	6.028	62	116130	39.391	ug/L		98
47) Methyl cyclohexane	6.416	83	168795	39.843	ug/L		91
48) Trichloroethene	6.426	95	96891	41.531	ug/L		97
50) Dibromomethane	6.867	93	57321	38.818	ug/L	#	88
51) 1,2-Dichloropropane	6.971	63	90531	39.518	ug/L		97
53) 2-Chloroethyl vinyl ether	7.663	63	53322	No Calib			
54) Bromodichloromethane	7.040	83	120191	37.896	ug/L		96
57) 1,4-Dioxane	7.260	88	67793M1	2495.971	ug/L		
58) cis-1,3-Dichloropropene	7.737	75	150595	41.772	ug/L		89
61) Toluene	8.009	92	236852	41.047	ug/L		100
62) 4-Methyl-2-pentanone	8.439	58	35484	41.231	ug/L		90
63) Tetrachloroethene	8.460	166	98687	43.408	ug/L		99
65) trans-1,3-Dichloropropene	8.487	75	136813	41.060	ug/L		87
67) Ethyl methacrylate	8.670	69	123627	42.430	ug/L		91
68) 1,1,2-Trichloroethane	8.675	83	67845	40.500	ug/L		98
69) Chlorodibromomethane	8.890	129	102568	41.797	ug/L		98
70) 1,3-Dichloropropane	9.006	76	144927	41.292	ug/L		99
71) 1,2-Dibromoethane	9.173	107	88333	42.921	ug/L		97
72) 2-Hexanone	9.451	43	63467	37.648	ug/L		95
73) Chlorobenzene	9.824	112	269517	40.687	ug/L		90
74) Ethylbenzene	9.860	91	455644	41.216	ug/L		96
75) 1,1,1,2-Tetrachloroethane	9.902	131	99058	41.421	ug/L		96
76) p/m Xylene	10.049	106	373263	84.280	ug/L		95
77) o Xylene	10.573	106	367048	83.351	ug/L		94
78) Styrene	10.636	104	628452	84.648	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A18.D
Acq On : 15 Sep 2025 9:37 pm
Operator : VOA110:JIC
Sample : C8260STD40PPB
Misc : WG2115392,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 16 09:47:46 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\250915AICAL\V10250915A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	10.662	173	72817	40.944	ug/L		99
82) Isopropylbenzene	10.946	105	469238	41.960	ug/L		98
84) Bromobenzene	11.376	156	121634	40.293	ug/L		98
85) n-Propylbenzene	11.412	91	558364	43.218	ug/L		97
86) 1,4-Dichlorobutane	11.433	55	154956	41.198	ug/L		98
87) 1,1,2,2-Tetrachloroethane	11.496	83	116371	38.157	ug/L		94
88) 4-Ethyltoluene	11.533	105	500463	43.847	ug/L		99
89) 2-Chlorotoluene	11.580	91	322910	40.828	ug/L		92
90) 1,3,5-Trimethylbenzene	11.632	105	412721	42.374	ug/L		99
91) 1,2,3-Trichloropropane	11.638	75	101053	41.105	ug/L		97
92) trans-1,4-Dichloro-2-b...	11.685	53	36077	40.722	ug/L	#	88
93) 4-Chlorotoluene	11.764	91	339646	40.770	ug/L		94
94) tert-Butylbenzene	11.968	119	362991	43.147	ug/L		99
97) 1,2,4-Trimethylbenzene	12.047	105	415990	43.299	ug/L		98
98) sec-Butylbenzene	12.157	105	535265	43.986	ug/L		94
99) p-Isopropyltoluene	12.304	119	476855	43.643	ug/L		97
100) 1,3-Dichlorobenzene	12.382	146	239972	41.149	ug/L		98
101) 1,4-Dichlorobenzene	12.471	146	238596	39.464	ug/L		98
102) p-Diethylbenzene	12.676	119	275846	41.772	ug/L		97
103) n-Butylbenzene	12.733	91	413728	44.895	ug/L		97
104) 1,2-Dichlorobenzene	12.896	146	229621	41.145	ug/L		98
105) 1,2,4,5-Tetramethylben...	13.462	119	457017	43.404	ug/L		95
106) 1,2-Dibromo-3-chloropr...	13.661	155	24162	39.601	ug/L		94
107) 1,3,5-Trichlorobenzene	13.698	180	169737	39.431	ug/L		96
108) Hexachlorobutadiene	14.264	225	83717	43.578	ug/L		99
109) 1,2,4-Trichlorobenzene	14.296	180	157933	40.754	ug/L		98
110) Naphthalene	14.584	128	421336	40.227	ug/L		100
111) 1,2,3-Trichlorobenzene	14.752	180	150384	39.892	ug/L		98

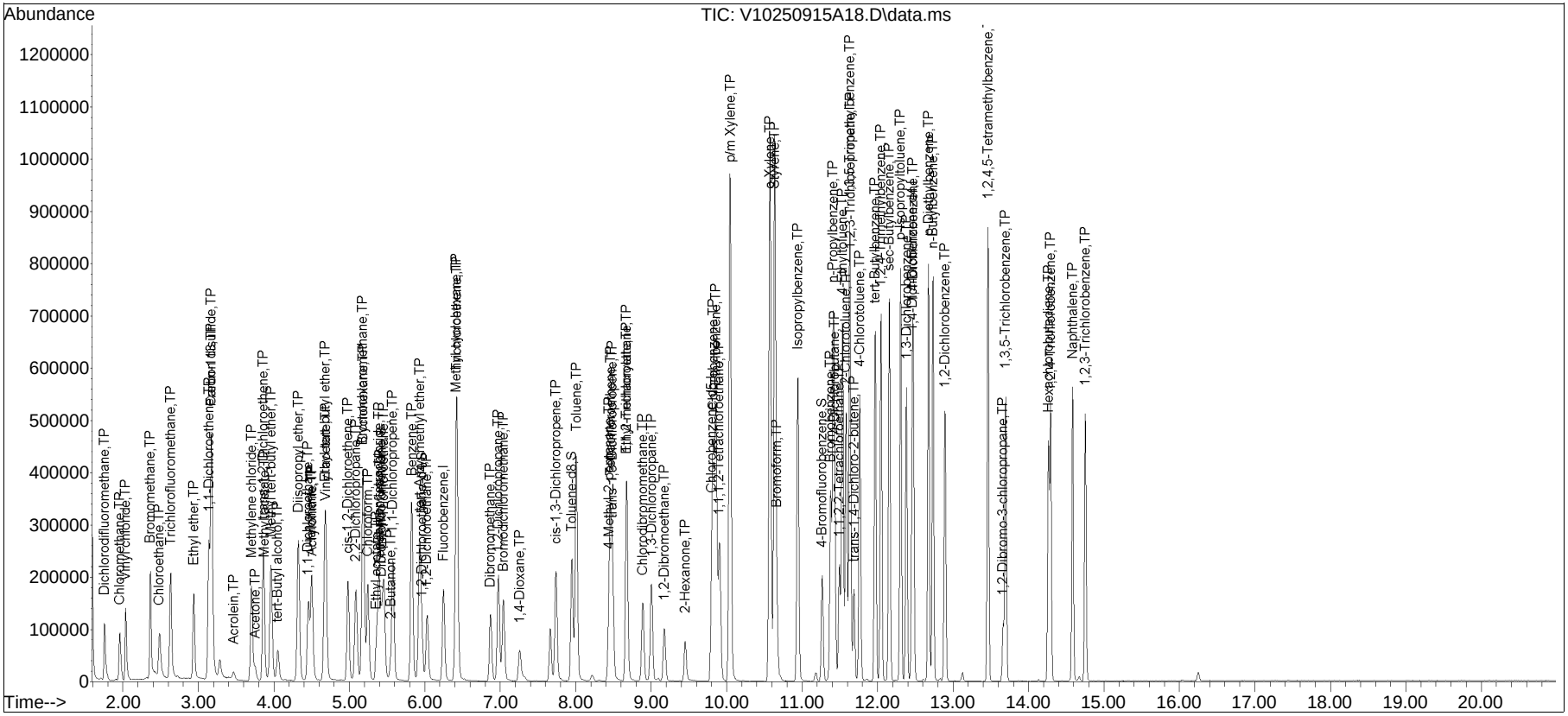
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\250915AICAL\
Data File : V10250915A18.D
Acq On : 15 Sep 2025 9:37 pm
Operator : VOA110:JIC
Sample : C8260STD40PPB
Misc : WG2115392,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 16 09:47:46 2025
Quant Method : K:\VOA110\2025\250915AICAL\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

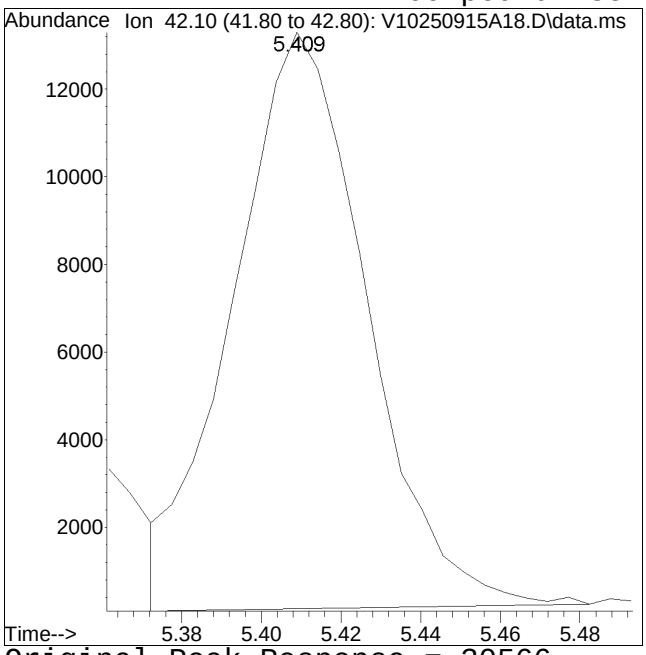
Sub List : 8260-CurveSoil - Megamix plus Diox250915A11.D•

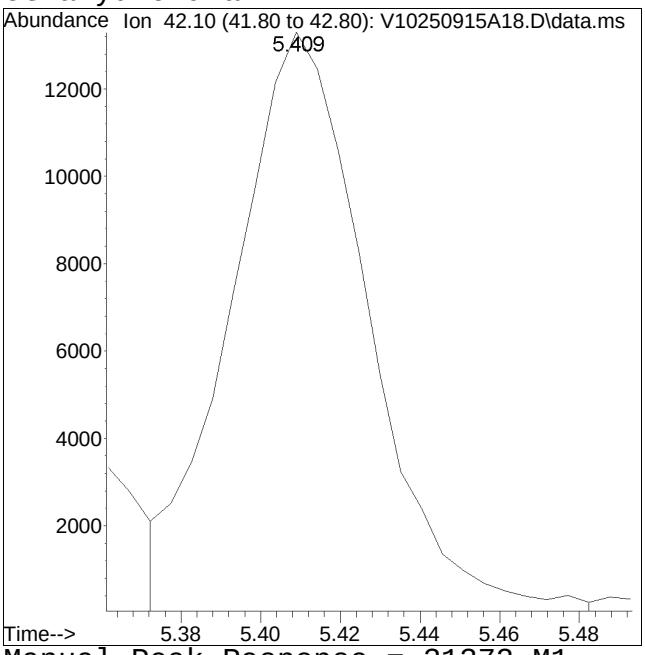


Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A18.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 9:37 pm Instrument : VOA110
Sample : C8260STD40PPB Quant Date : 9/16/2025 9:47 am

Compound #35: Tetrahydrofuran



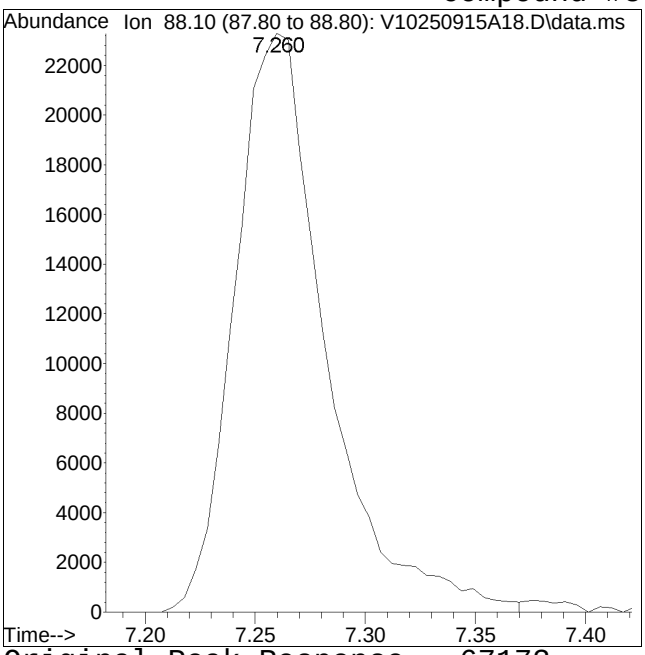


Original Peak Response = 30566 Manual Peak Response = 31372 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

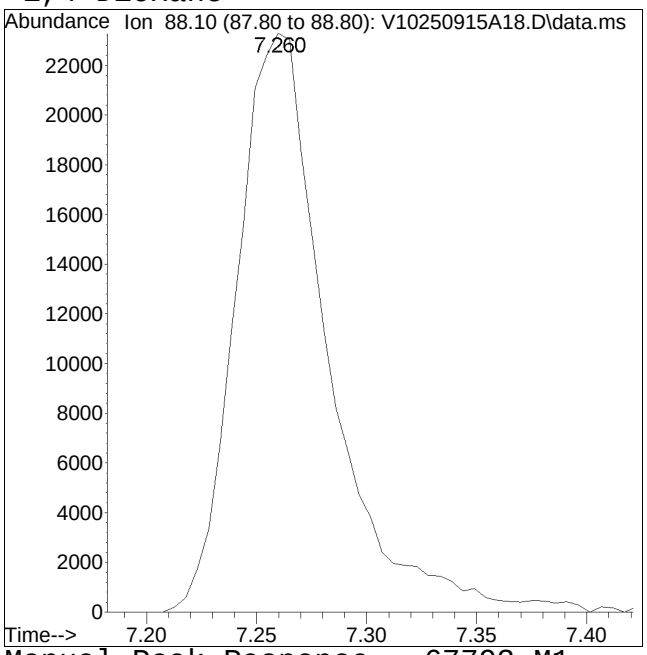
Manual Integration Report

Data Path : K:\VOA110\2025\250915AICALQMethod : V110_250915A_8260.m
Data File : V10250915A18.D Operator : VOA110:JIC
Date Inj'd : 9/15/2025 9:37 pm Instrument : VOA110
Sample : C8260STD40PPB Quant Date : 9/16/2025 9:47 am

Compound #57: 1,4-Dioxane



Original Peak Response = 67173



Manual Peak Response = 67793 M1

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

Evaluate Relative Error Report VOA110

Method Path : K:\VOA110\2025\250915AICAL\
Method File : V110_250915A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Sep 16 09:46:52 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
14	TP Acrolein	L	ug/L	40.0	37.714	-5.7	1.00	1.038	3.8
17	TP Acetone	L	ug/L	40.0	37.150	-7.1	1.00	0.752	-24.8
47	TP Methyl cyclohexane	L	ug/L	40.0	38.438	-3.9	2.00	2.594	29.7

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
14	TP Acrolein	Linear	0.998657	0.000000	0.0576609	0.00748119
17	TP Acetone	Linear	0.998770	0.000000	0.0981435	0.00889463
47	TP Methyl cyclohexane	Linear	0.996410	0.000000	0.465865	-0.036338

Response Factor Report VOA100

Method Path : K:\VOA100\2025\251023ICAL\
Method File : V100_251024A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Oct 27 09:00:40 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V00251023IICAL03.D 1.0 =V00251023IICAL04.D 2.0 =V00251023IICAL05.D 4.0 =V00251023IICAL06.D
20 =V00251023IICAL07.D 40 =V00251023IICAL08.D 100 =V00251023IICAL09.D 200 =V00251023IICAL10.D
300 =V00251023IICAL11.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
1)	I	Fluorobenzene	----------	----------	ISTD	----------	----------	----------	----------	----------	----------		
2)	TP	Dichlorodifluo...	0.214	0.305	0.423	0.253	0.318	0.288	0.301	0.304	0.301		19.93
3)	TP	Chloromethane	0.367	0.420	0.418	0.290	0.310	0.285	0.290	0.288	0.333		17.80
4)	TP	Vinyl chloride	0.421	0.577	0.600	0.405	0.455	0.412	0.409	0.407	0.461		17.51
5)	TP	Bromomethane		0.724	0.666	0.488	0.483	0.417	0.413	0.411	*L		0.9985
6)	TP	Chloroethane	0.373	0.480	0.436	0.318	0.351	0.335	0.347	0.308	0.369		16.24
7)	TP	Trichlorofluor...		0.451	0.571	0.369	0.475	0.492	0.576	0.628	0.509		17.40
8)	TP	Ethyl ether	0.176	0.200	0.197	0.155	0.162	0.157	0.170	0.177	0.174		9.76
10)	TP	1,1-Dichloroet...	0.236	0.331	0.326	0.228	0.265	0.249	0.261	0.271	0.271		14.15
11)	TP	Carbon disulfide	2.833	2.121	1.612	0.904	0.954	0.868	0.906	0.946	*L		0.9978
12)	TP	Freon-113		0.216	0.322	0.195	0.264	0.247	0.268	0.283	0.256		16.40
14)	TP	Acrolein	0.028	0.044	0.044	0.035	0.038	0.038	0.039	0.042	0.038		14.00
15)	TP	Methylene chlo...			0.431	0.317	0.315	0.291	0.303	0.310	0.328		15.66
17)	TP	Acetone		0.201	0.182	0.142	0.138	0.125	0.128	0.136	0.150		19.48
18)	TP	trans-1,2-Dich...	0.307	0.389	0.365	0.281	0.302	0.289	0.306	0.316	0.319		11.86
19)	TP	Methyl acetate	0.200	0.220	0.173	0.149	0.160	0.156	0.167	0.175	0.175		13.59
20)	TP	Methyl tert-bu...	0.865	0.945	0.922	0.761	0.817	0.814	0.861	0.888	0.859		7.06
21)	TP	tert-Butyl alc...	0.035	0.036	0.034	0.026	0.033	0.030	0.031	0.032	0.032		9.83
22)	TP	Diisopropyl ether	0.854	0.989	0.908	0.756	0.834	0.836	0.879	0.902	0.870		7.82
23)	TP	1,1-Dichloroet...	0.526	0.692	0.650	0.488	0.522	0.498	0.518	0.523	0.552		13.68
24)	TP	Halothane	0.215	0.262	0.272	0.188	0.224	0.220	0.229	0.237	0.231		11.54
25)	TP	Acrylonitrile	0.067	0.092	0.090	0.081	0.085	0.082	0.085	0.089	0.084		9.25
26)	TP	Ethyl tert-but...	0.777	0.860	0.811	0.705	0.789	0.781	0.842	0.890	0.807		7.14
27)	TP	Vinyl acetate	0.546	0.617	0.637	0.535	0.619	0.662	0.715	0.761	0.637		12.10
28)	TP	cis-1,2-Dichlo...	0.336	0.402	0.405	0.313	0.334	0.325	0.338	0.345	0.350		9.85
29)	TP	2,2-Dichloropr...	0.452	0.536	0.523	0.379	0.436	0.419	0.443	0.451	0.455		11.42
31)	TP	Bromochloromet...	0.174	0.201	0.201	0.158	0.167	0.159	0.163	0.168	0.174		10.12
32)	TP	Cyclohexane		0.316	0.490	0.305	0.435	0.407	0.445	0.456	0.408		17.45
33)	TP	Chloroform	0.607	0.709	0.694	0.524	0.553	0.543	0.557	0.572	0.595		11.79
34)	TP	Ethyl acetate		0.263	0.272	0.225	0.253	0.248	0.260	0.273	0.256		6.45

Response Factor Report VOA100

Method Path : K:\VOA100\2025\251023ICAL\
Method File : V100_251024A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Oct 27 09:00:40 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V00251023IICAL03.D 1.0 =V00251023IICAL04.D 2.0 =V00251023IICAL05.D 4.0 =V00251023IICAL06.D
20 =V00251023IICAL07.D 40 =V00251023IICAL08.D 100 =V00251023IICAL09.D 200 =V00251023IICAL10.D
300 =V00251023IICAL11.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
35)	TP	Carbon tetrach...		0.355	0.451	0.524	0.343	0.436	0.423	0.445	0.462	0.430	13.60
36)	TP	Tetrahydrofuran			0.123	0.105	0.078	0.080	0.080	0.081	0.085	0.090	18.95
37)	S	Dibromofluorom...	0.315	0.312	0.321	0.311	0.301	0.290	0.294	0.294	0.297	0.304	3.62
38)	TP	1,1,1-Trichlor...	0.442	0.375	0.525	0.524	0.387	0.455	0.433	0.451	0.461	0.450	11.45
40)	TP	2-Butanone				0.125	0.098	0.109	0.110	0.111	0.118	0.112	8.20
41)	TP	1,1-Dichloropr...	0.342	0.299	0.413	0.442	0.294	0.365	0.352	0.369	0.376	0.361	13.20
42)	TP	Benzene	1.158	1.097	1.366	1.304	1.030	1.138	1.096	1.153	1.186	1.170	8.99
43)	TP	tert-Amyl meth...		0.785	0.870	0.861	0.722	0.816	0.816	0.861	0.889	0.827	6.64
44)	S	1,2-Dichloroet...	0.271	0.273	0.288	0.278	0.262	0.258	0.268	0.283	0.293	0.275	4.29
45)	TP	1,2-Dichloroet...		0.397	0.435	0.423	0.334	0.353	0.344	0.357	0.365	0.376	10.02
48)	TP	Methyl cyclohe...				0.546	0.340	0.510	0.487	0.543	0.589	0.503	17.28
49)	TP	Trichloroethene	0.319	0.289	0.364	0.363	0.274	0.315	0.303	0.329	0.364	0.325	10.37
51)	TP	Dibromomethane		0.206	0.233	0.224	0.177	0.192	0.190	0.198	0.205	0.203	9.02
52)	TP	1,2-Dichloropr...		0.275	0.365	0.338	0.272	0.288	0.283	0.296	0.305	0.303	10.80
54)	TP	2-Chloroethyl ...		0.148	0.172	0.167	0.157	0.170	0.167	0.172	0.177	0.166	5.69
55)	TP	Bromodichlorom...	0.439	0.442	0.525	0.504	0.394	0.431	0.425	0.438	0.449	0.450	8.96
58)	TP	1,4-Dioxane		0.002	0.003	0.003	0.003	0.003	0.003	0.002	0.003	0.003#	13.97
59)	TP	cis-1,3-Dichlo...	0.454	0.480	0.558	0.533	0.450	0.487	0.485	0.507	0.522	0.497	7.25
60)	I	Chlorobenzene-d5	----------	ISTD	----------								
61)	S	Toluene-d8	1.203	1.220	1.197	1.218	1.243	1.214	1.210	1.190	1.184	1.209	1.47
62)	TP	Toluene		0.725	0.892	0.885	0.706	0.789	0.773	0.817	0.845	0.804	8.58
63)	TP	4-Methyl-2-pen...		0.084	0.090	0.091	0.087	0.105	0.102	0.105	0.110	0.097	10.19
64)	TP	Tetrachloroethene	0.330	0.292	0.367	0.369	0.275	0.347	0.336	0.374	0.411	0.345	12.29
66)	TP	trans-1,3-Dich...		0.425	0.487	0.496	0.427	0.484	0.477	0.512	0.547	0.482	8.46
68)	TP	Ethyl methacry...		0.294	0.382	0.384	0.339	0.390	0.381	0.402	0.425	0.375	10.80
69)	TP	1,1,2-Trichlor...		0.235	0.250	0.250	0.214	0.241	0.240	0.251	0.265	0.243	6.13
70)	TP	Chlorodibromom...	0.351	0.325	0.375	0.385	0.342	0.385	0.382	0.401	0.410	0.373	7.53
71)	TP	1,3-Dichloropr...		0.429	0.494	0.508	0.420	0.466	0.457	0.475	0.484	0.467	6.52
72)	TP	1,2-Dibromoethane	0.254	0.272	0.279	0.311	0.268	0.291	0.292	0.308	0.315	0.288	7.28
73)	TP	2-Hexanone		0.150	0.186	0.185	0.164	0.205	0.194	0.196	0.203	0.185	10.38

Response Factor Report VOA100

Method Path : K:\VOA100\2025\251023ICAL\
Method File : V100_251024A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Oct 27 09:00:40 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V00251023IICAL03.D 1.0 =V00251023IICAL04.D 2.0 =V00251023IICAL05.D 4.0 =V00251023IICAL06.D
20 =V00251023IICAL07.D 40 =V00251023IICAL08.D 100 =V00251023IICAL09.D 200 =V00251023IICAL10.D
300 =V00251023IICAL11.D

	Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
74) TP	Chlorobenzene	0.886	0.880	1.078	1.035	0.868	0.968	0.952	0.998	1.025	0.965	7.82
75) TP	Ethylbenzene		1.445	1.695	1.692	1.360	1.582	1.561	1.631	1.681	1.581	7.77
76) TP	1,1,1,2-Tetrac...	0.286	0.287	0.358	0.354	0.311	0.360	0.364	0.380	0.389	0.343	11.27
77) TP	p/m Xylene	0.546	0.570	0.673	0.660	0.541	0.634	0.623	0.696	0.764	0.634	11.65
78) TP	o Xylene	0.506	0.566	0.647	0.655	0.545	0.634	0.629	0.712	0.771	0.629	13.08
79) TP	Styrene	0.907	0.912	1.063	1.079	0.941	1.117	1.119	1.244	1.353	1.082	13.95
80) I	1,4-Dichlorobenzene-d4	----------ISTD----------										
81) TP	Bromoform		0.386	0.447	0.428	0.394	0.477	0.474	0.555	0.616	0.472	16.75
83) TP	Isopropylbenzene		2.531	2.816	2.988	2.352	2.764	2.661	2.992	3.094	2.775	9.11
84) S	4-Bromofluorob...	0.792	0.788	0.802	0.794	0.798	0.749	0.735	0.758	0.739	0.773	3.50
85) TP	Bromobenzene		0.652	0.763	0.736	0.634	0.695	0.683	0.756	0.781	0.712	7.60
86) TP	n-Propylbenzene		3.140	3.404	3.542	2.803	3.287	3.105	3.680	3.823	3.348	9.97
87) TP	1,4-Dichlorobu...		0.757	0.815	0.797	0.697	0.775	0.726	0.849	0.910	0.791	8.65
88) TP	1,1,2,2-Tetrac...	0.620	0.639	0.748	0.712	0.613	0.716	0.661	0.722	0.725	0.684	7.41
89) TP	4-Ethyltoluene		2.620	2.882	2.954	2.329	2.708	2.578	2.870	2.912	2.732	7.86
90) TP	2-Chlorotoluene		1.850	2.060	2.073	1.681	1.877	1.789	1.920	1.968	1.902	6.98
91) TP	1,3,5-Trimethy...		2.311	2.444	2.454	2.008	2.331	2.173	2.486	2.635	2.355	8.32
92) TP	1,2,3-Trichlor...		0.548	0.548	0.551	0.467	0.532	0.495	0.566	0.604	0.539	7.82
93) TP	trans-1,4-Dich...		0.158	0.187	0.181	0.155	0.187	0.182	0.194	0.188	0.179	8.09
94) TP	4-Chlorotoluene		1.911	2.117	2.111	1.756	1.955	1.827	2.009	2.045	1.966	6.61
95) TP	tert-Butylbenzene		1.949	2.129	2.185	1.721	2.100	1.983	2.257	2.338	2.083	9.38
98) TP	1,2,4-Trimethy...		2.279	2.371	2.431	2.051	2.325	2.180	2.420	2.477	2.317	6.17
99) TP	sec-Butylbenzene		3.008	2.920	3.293	2.509	3.157	2.972	3.319	3.358	3.067	9.16
100) TP	p-Isopropyltol...		2.626	2.640	2.883	2.229	2.760	2.597	2.938	3.019	2.712	9.20
101) TP	1,3-Dichlorobe...		1.370	1.468	1.476	1.255	1.436	1.361	1.475	1.500	1.418	5.87
102) TP	1,4-Dichlorobe...		1.384	1.500	1.520	1.279	1.451	1.347	1.471	1.513	1.433	6.12
103) TP	p-Diethylbenzene		1.645	1.611	1.718	1.358	1.650	1.540	1.729	1.770	1.628	8.06
104) TP	n-Butylbenzene		2.409	2.379	2.604	1.972	2.436	2.251	2.481	2.474	2.376	8.06
105) TP	1,2-Dichlorobe...		1.291	1.316	1.387	1.176	1.347	1.264	1.375	1.411	1.321	5.82
106) TP	1,2,4,5-Tetram...		2.436	2.298	2.479	2.126	2.489	2.355	2.619	2.760	2.445	7.94

Method Path : K:\VOA100\2025\251023ICAL\
Method File : V100_251024A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Oct 27 09:00:40 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V00251023IICAL03.D 1.0 =V00251023IICAL04.D 2.0 =V00251023IICAL05.D 4.0 =V00251023IICAL06.D
20 =V00251023IICAL07.D 40 =V00251023IICAL08.D 100 =V00251023IICAL09.D 200 =V00251023IICAL10.D
300 =V00251023IICAL11.D

	Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
107) TP	1,2-Dibromo-3-...	0.093	0.131	0.126	0.112	0.134	0.122	0.131	0.132	0.123		11.44
108) TP	1,3,5-Trichlor...	1.078	0.967	1.037	0.868	0.990	0.938	1.017	1.049	0.993		6.85
109) TP	Hexachlorobuta...	0.431	0.400	0.436	0.317	0.421	0.392	0.484	0.546	0.428		15.65
110) TP	1,2,4-Trichlor...	0.933	0.855	0.922	0.762	0.871	0.802	0.930	1.022	0.887		9.29
111) TP	Naphthalene	2.085	2.118	2.106	1.840	2.132	1.974	2.184	2.221	2.083		5.86
112) TP	1,2,3-Trichlor...	0.824	0.797	0.832	0.707	0.796	0.757	0.824	0.859	0.799		6.02

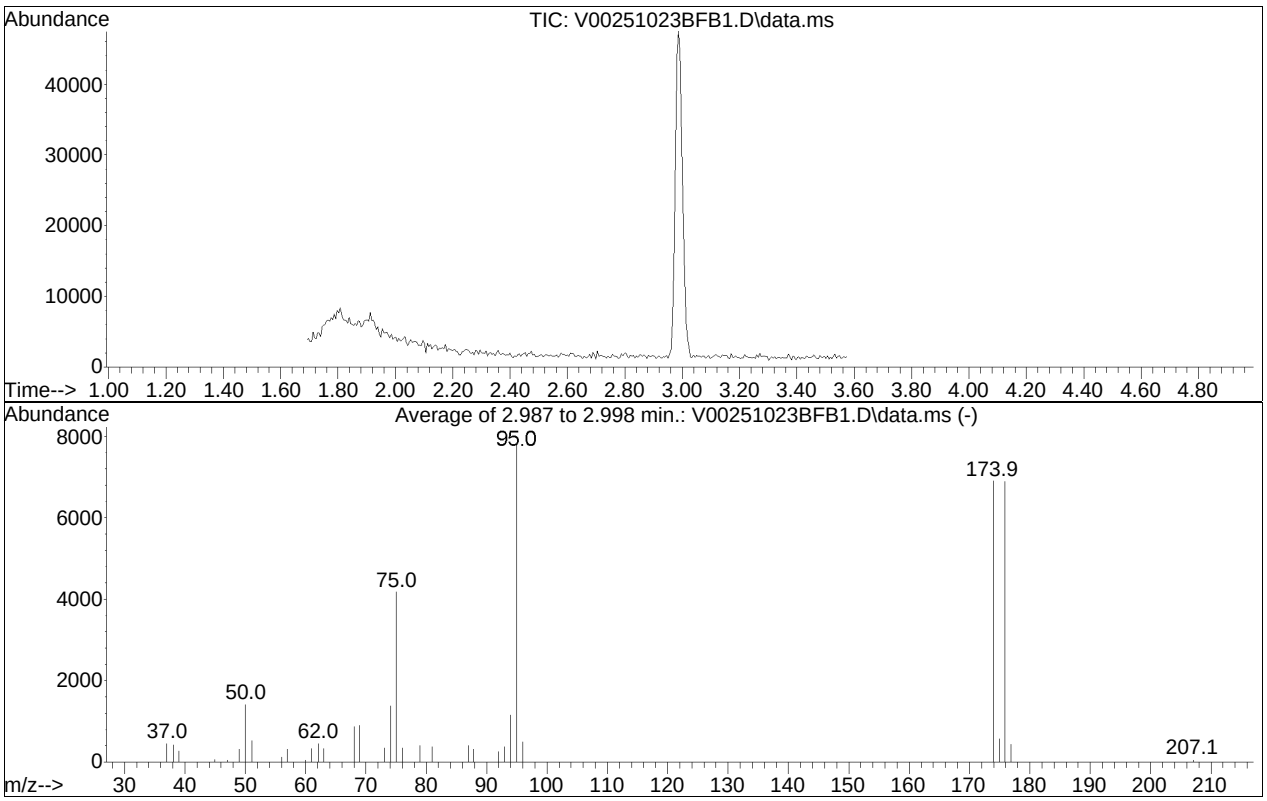
(#) = Out of Range

BFB

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023BFB1.D
Acq On : 23 Oct 2025 02:15 pm
Operator : VOA100:AJK
Sample : WG2132450-1
Misc : WG2132450,ICAL
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Oct 24 11:44:34 2025



AutoFind: Scans 248, 249, 250; Background Corrected with Scan 240

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.0	1413	PASS
75	95	30	60	53.3	4181	PASS
95	95	100	100	100.0	7843	PASS
96	95	5	9	6.4	504	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	88.2	6915	PASS
175	174	5	9	8.2	570	PASS
176	174	95	101	99.7	6896	PASS
177	176	5	9	6.4	438	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL03.D
Acq On : 23 Oct 2025 03:36 pm
Operator : VOA100:AJK
Sample : I8260STD0.5PPB
Misc : WG2132450,ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 24 11:29:51 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.233	96	209318	20.000 ug/L	0.00
Standard Area 1 = 258396			Recovery =	81.01%	
60) Chlorobenzene-d5	9.793	117	202563	20.000 ug/L	0.00
Standard Area 1 = 236531			Recovery =	85.64%	
80) 1,4-Dichlorobenzene-d4	12.461	152	116709	20.000 ug/L	0.00
Standard Area 1 = 141681			Recovery =	82.37%	
System Monitoring Compounds					
37) Dibromofluoromethane	5.409	113	66006	21.724 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	108.62%	
44) 1,2-Dichloroethane-d4	5.939	65	56653	20.979 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	104.90%	
61) Toluene-d8	7.937	98	243679	19.823 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	99.11%	
84) 4-Bromofluorobenzene	11.261	95	92428	21.152 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	105.76%	
Target Compounds					Qvalue
38) 1,1,1-Trichloroethane	5.446	97	2311	0.485 ug/L #	93
41) 1,1-Dichloropropene	5.572	75	1790	0.469 ug/L	93
42) Benzene	5.818	78	6059	0.509 ug/L	98
49) Trichloroethene	6.427	95	1670	0.506 ug/L	91
55) Bromodichloromethane	7.030	83	2298	0.509 ug/L #	88
59) cis-1,3-Dichloropropene	7.722	75	2374	0.466 ug/L #	74
64) Tetrachloroethene	8.456	166	1673M1	0.476 ug/L	
70) Chlorodibromomethane	8.880	129	1777	0.456 ug/L #	49
72) 1,2-Dibromoethane	9.158	107	1287	0.437 ug/L	99
74) Chlorobenzene	9.819	112	4486M1	0.458 ug/L	
76) 1,1,1,2-Tetrachloroethane	9.903	131	1448	0.398 ug/L #	65
77) p/m Xylene	10.044	106	5529	0.861 ug/L	97
78) o Xylene	10.579	106	5122	0.797 ug/L	93
79) Styrene	10.637	104	9187	0.812 ug/L	92
88) 1,1,2,2-Tetrachloroethane	11.491	83	1810	0.433 ug/L	96

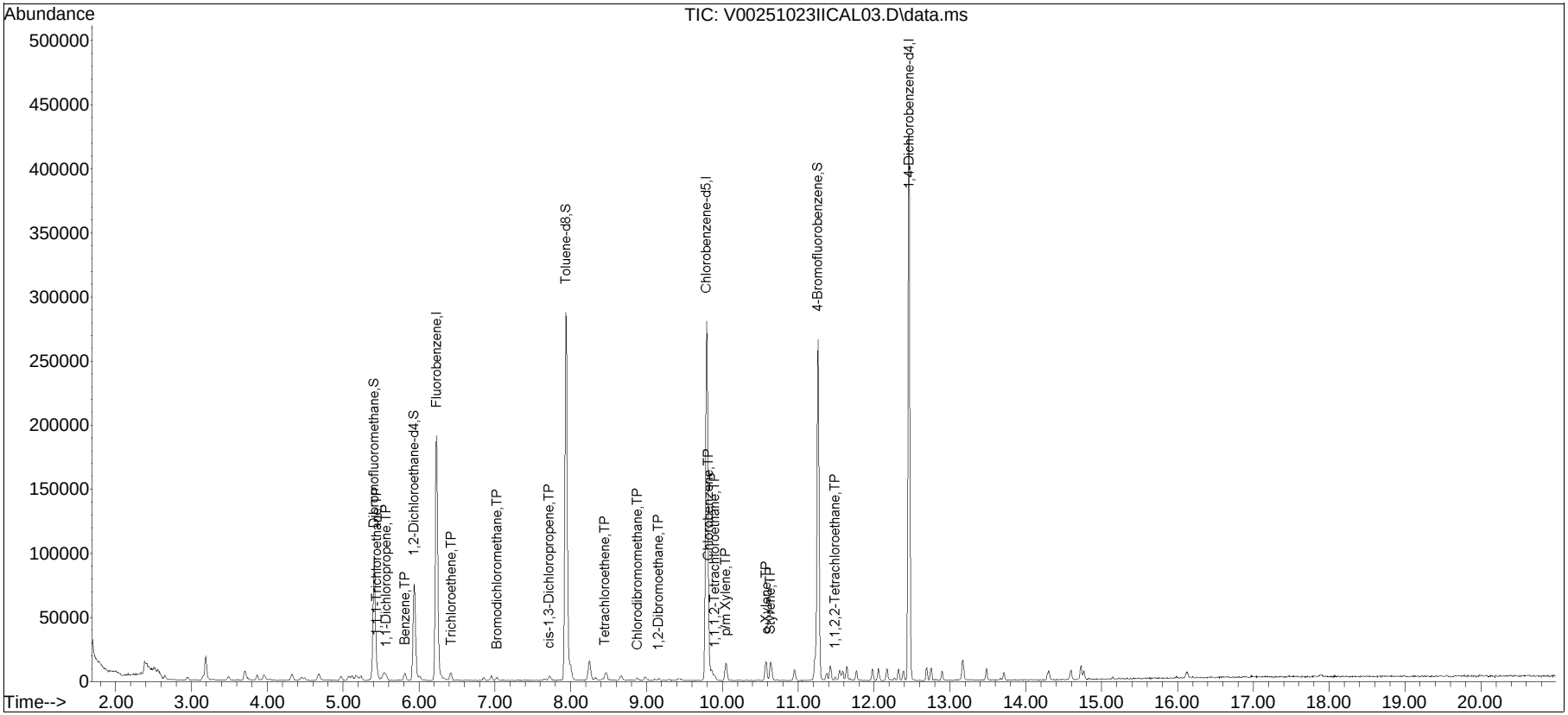
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL03.D
Acq On : 23 Oct 2025 03:36 pm
Operator : VOA100:AJK
Sample : I8260STD0.5PPB
Misc : WG2132450,ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 24 11:29:51 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

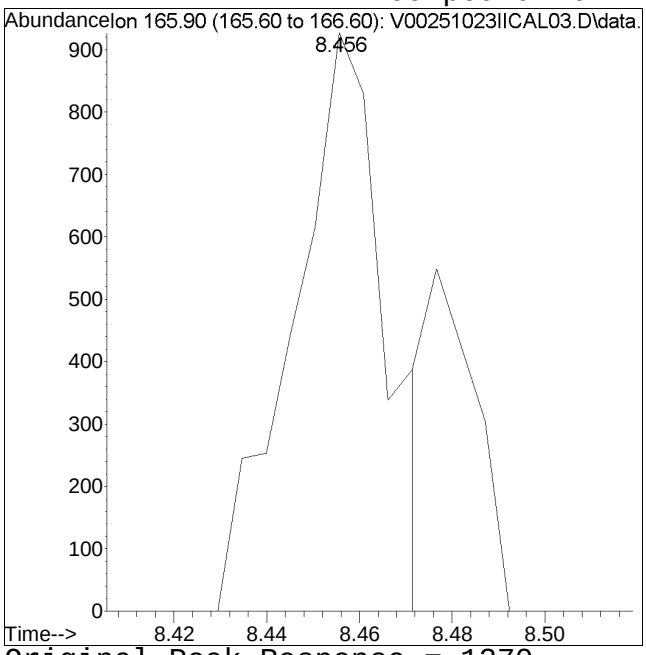
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH3IICAL08.D•

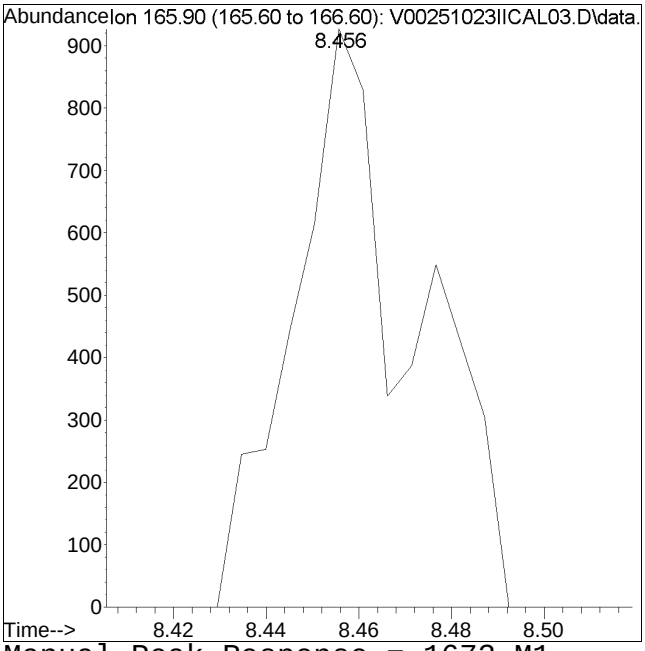


Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL03.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 3:36 pm Instrument : VOA100
Sample : I8260STD0.5PPB Quant Date : 10/24/2025 11:27 am

Compound #64: Tetrachloroethene



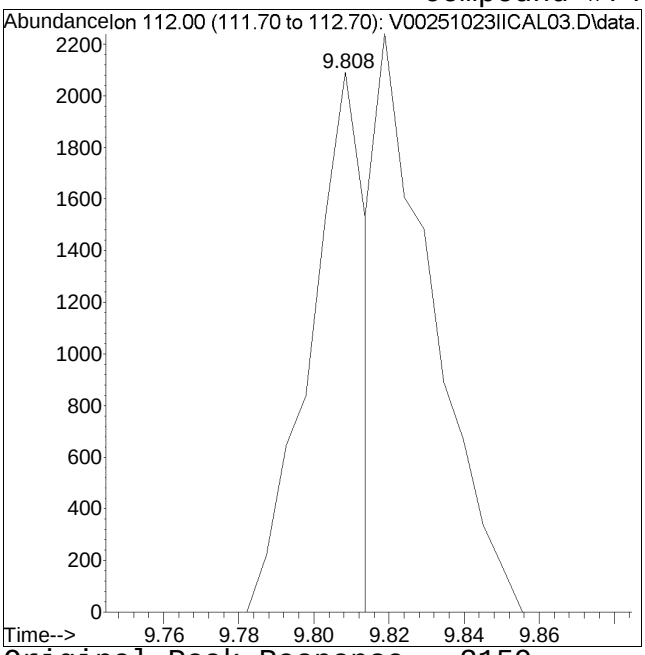


Original Peak Response = 1270 Manual Peak Response = 1673 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

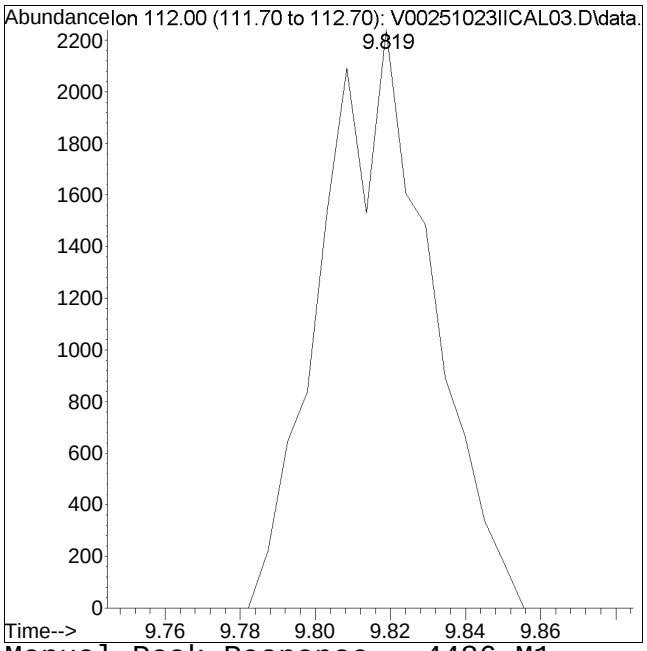
Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL03.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 3:36 pm Instrument : VOA100
Sample : I8260STD0.5PPB Quant Date : 10/24/2025 11:27 am

Compound #74: Chlorobenzene



Original Peak Response = 2159



Manual Peak Response = 4486 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL04.D
Acq On : 23 Oct 2025 04:02 pm
Operator : VOA100:AJK
Sample : I8260STD1.0PPB
Misc : WG2132450,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 27 08:23:17 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.233	96	217539	20.000 ug/L	0.00
Standard Area 1 = 258396			Recovery =	84.19%	
60) Chlorobenzene-d5	9.793	117	210900	20.000 ug/L	0.00
Standard Area 1 = 236531			Recovery =	89.16%	
80) 1,4-Dichlorobenzene-d4	12.461	152	118303	20.000 ug/L	0.00
Standard Area 1 = 141681			Recovery =	83.50%	
System Monitoring Compounds					
37) Dibromofluoromethane	5.410	113	67889	21.500 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	107.50%	
44) 1,2-Dichloroethane-d4	5.939	65	59319	21.136 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	105.68%	
61) Toluene-d8	7.942	98	257225	20.098 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	100.49%	
84) 4-Bromofluorobenzene	11.261	95	93239	21.050 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	105.25%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.792	85	2332M1	0.674 ug/L	
3) Chloromethane	2.017	50	3995	1.186 ug/L	88
4) Vinyl chloride	2.059	62	4577	0.925 ug/L	91
5) Bromomethane	2.384	94	6641M1	1.265 ug/L	
6) Chloroethane	2.510	64	4062M1	1.064 ug/L	
7) Trichlorofluoromethane	2.652	101	3591	0.695 ug/L	95
8) Ethyl ether	2.956	74	1918	1.086 ug/L	83
10) 1,1-Dichloroethene	3.155	96	2571	0.893 ug/L #	76
11) Carbon disulfide	3.192	76	30816	2.969 ug/L	96
12) Freon-113	3.197	101	1654	0.575 ug/L	97
14) Acrolein	3.485	56	304	0.738 ug/L #	55
15) Methylene chloride	3.711	84	7287	2.128 ug/L	90
17) Acetone	3.742	43	2736M1	1.828 ug/L	
18) trans-1,2-Dichloroethene	3.868	96	3335	1.014 ug/L	86
19) Methyl acetate	3.868	43	2180	1.249 ug/L #	61
20) Methyl tert-butyl ether	3.968	73	9405	1.059 ug/L #	86
21) tert-Butyl alcohol	4.031	59	1918	5.312 ug/L #	85
22) Diisopropyl ether	4.329	45	9286	1.023 ug/L	94
23) 1,1-Dichloroethane	4.445	63	5717	1.006 ug/L	92
24) Halothane	4.492	117	2339	0.959 ug/L	94
25) Acrylonitrile	4.481	53	731M1	0.791 ug/L	

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL04.D
Acq On : 23 Oct 2025 04:02 pm
Operator : VOA100:AJK
Sample : I8260STD1.0PPB
Misc : WG2132450,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 27 08:23:17 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	8447	0.985	ug/L	#	83
27) Vinyl acetate	4.686	43	5942	0.883	ug/L	#	93
28) cis-1,2-Dichloroethene	4.974	96	3658	1.006	ug/L		92
29) 2,2-Dichloropropane	5.074	77	4921	1.037	ug/L		94
31) Bromochloromethane	5.168	128	1897	1.046	ug/L		93
32) Cyclohexane	5.189	56	2990	0.632	ug/L		90
33) Chloroform	5.231	83	6603	1.097	ug/L		95
34) Ethyl acetate	0.000		0	N.D.	d		
35) Carbon tetrachloride	5.389	117	3861	0.814	ug/L	#	92
36) Tetrahydrofuran	5.394	42	1501	1.715	ug/L	#	84
38) 1,1,1-Trichloroethane	5.457	97	4078	0.824	ug/L		93
40) 2-Butanone	5.520	43	1969M1	1.655	ug/L		
41) 1,1-Dichloropropene	5.572	75	3257	0.821	ug/L		96
42) Benzene	5.818	78	11929	0.964	ug/L		96
43) tert-Amyl methyl ether	5.923	73	8536	0.962	ug/L		92
45) 1,2-Dichloroethane	6.007	62	4322	1.126	ug/L		96
48) Methyl cyclohexane	6.421	83	3633	0.654	ug/L		93
49) Trichloroethene	6.416	95	3139	0.915	ug/L		91
51) Dibromomethane	6.857	93	2243	1.072	ug/L		99
52) 1,2-Dichloropropane	6.951	63	2987	0.953	ug/L		96
54) 2-Chloroethyl vinyl ether	7.648	63	1609	0.873	ug/L	#	100
55) Bromodichloromethane	7.024	83	4810	1.026	ug/L	#	94
58) 1,4-Dioxane	7.239	88	773	28.187	ug/L	#	92
59) cis-1,3-Dichloropropene	7.722	75	5218	0.985	ug/L	#	86
62) Toluene	8.000	92	7640	0.918	ug/L		98
63) 4-Methyl-2-pentanone	8.414	58	884	0.801	ug/L	#	1
64) Tetrachloroethene	8.461	166	3082	0.843	ug/L		93
66) trans-1,3-Dichloropropene	8.482	75	4478	0.877	ug/L	#	79
68) Ethyl methacrylate	8.671	69	3100	0.753	ug/L		94
69) 1,1,2-Trichloroethane	8.660	83	2474	0.975	ug/L		94
70) Chlorodibromomethane	8.880	129	3424	0.844	ug/L		96
71) 1,3-Dichloropropane	8.980	76	4526	0.921	ug/L		100
72) 1,2-Dibromoethane	9.164	107	2873	0.937	ug/L		95
73) 2-Hexanone	9.436	43	1581	0.730	ug/L	#	63
74) Chlorobenzene	9.814	112	9275	0.909	ug/L		94
75) Ethylbenzene	9.861	91	15238	0.914	ug/L		98
76) 1,1,1,2-Tetrachloroethane	9.898	131	3026	0.798	ug/L		90
77) p/m Xylene	10.044	106	12029	1.798	ug/L		94
78) o Xylene	10.579	106	11928	1.784	ug/L		97
79) Styrene	10.637	104	19225	1.633	ug/L		93

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL04.D
Acq On : 23 Oct 2025 04:02 pm
Operator : VOA100:AJK
Sample : I8260STD1.0PPB
Misc : WG2132450,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 27 08:23:17 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
81)	Bromoform	10.658	173	2282	0.809	ug/L		99
83)	Isopropylbenzene	10.951	105	14973	0.916	ug/L		98
85)	Bromobenzene	11.376	156	3859	0.939	ug/L		94
86)	n-Propylbenzene	11.423	91	18575	0.955	ug/L		97
87)	1,4-Dichlorobutane	11.429	55	4476	0.976	ug/L		92
88)	1,1,2,2-Tetrachloroethane	11.491	83	3781	0.893	ug/L		98
89)	4-Ethyltoluene	11.544	105	15497	0.967	ug/L		100
90)	2-Chlorotoluene	11.586	91	10945	0.986	ug/L		100
91)	1,3,5-Trimethylbenzene	11.643	105	13671	0.991	ug/L		100
92)	1,2,3-Trichloropropane	11.633	75	3241	1.030	ug/L		95
93)	trans-1,4-Dichloro-2-b...	11.675	53	933	0.846	ug/L		83
94)	4-Chlorotoluene	11.769	91	11304	0.978	ug/L		96
95)	tert-Butylbenzene	11.979	119	11530	0.928	ug/L		94
98)	1,2,4-Trimethylbenzene	12.052	105	13480	0.980	ug/L		99
99)	sec-Butylbenzene	12.173	105	17791	0.953	ug/L		99
100)	p-Isopropyltoluene	12.325	119	15536	0.952	ug/L		95
101)	1,3-Dichlorobenzene	12.388	146	8103	0.954	ug/L		98
102)	1,4-Dichlorobenzene	12.477	146	8188M3	0.954	ug/L		
103)	p-Diethylbenzene	12.692	119	9733	0.998	ug/L		95
104)	n-Butylbenzene	12.750	91	14247	0.989	ug/L		98
105)	1,2-Dichlorobenzene	12.897	146	7637	0.959	ug/L		98
106)	1,2,4,5-Tetramethylben...	13.484	119	14411	0.979	ug/L		96
107)	1,2-Dibromo-3-chloropr...	13.662	155	549	0.690	ug/L	#	68
108)	1,3,5-Trichlorobenzene	13.709	180	6376	1.089	ug/L		99
109)	Hexachlorobutadiene	14.286	225	2550	1.024	ug/L		90
110)	1,2,4-Trichlorobenzene	14.307	180	5519	1.071	ug/L		98
111)	Naphthalene	14.595	128	12334	0.978	ug/L		100
112)	1,2,3-Trichlorobenzene	14.763	180	4872	1.035	ug/L		97

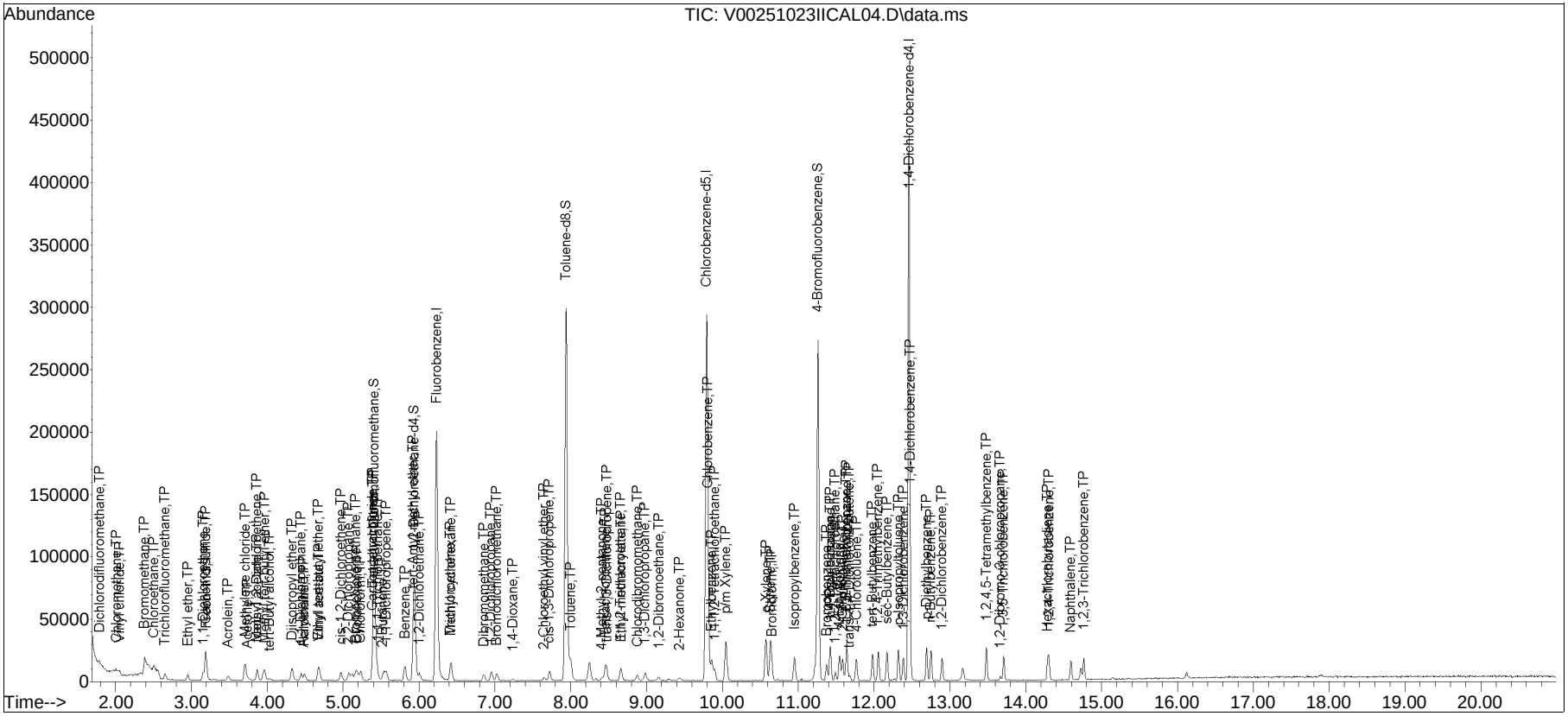
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL04.D
Acq On : 23 Oct 2025 04:02 pm
Operator : VOA100:AJK
Sample : I8260STD1.0PPB
Misc : WG2132450,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 27 08:23:17 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

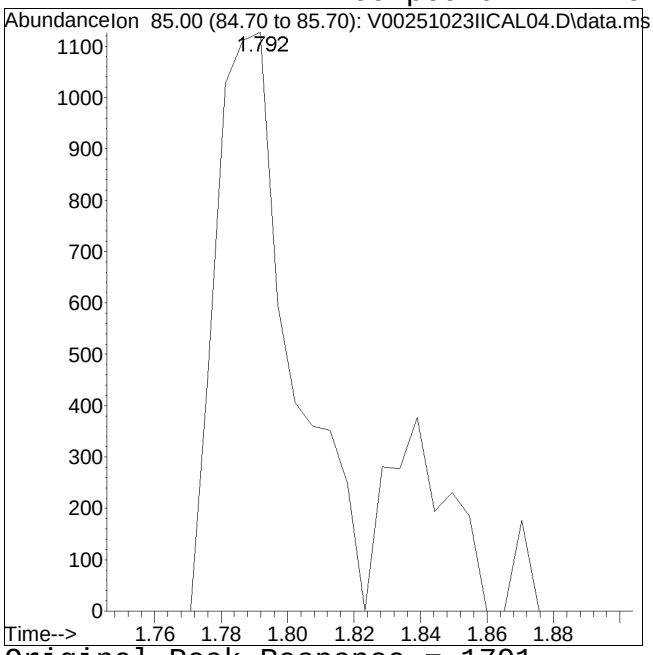
Sub List : 8260-CurveSoil - Megamix plus Diox51023IICAL08.D•

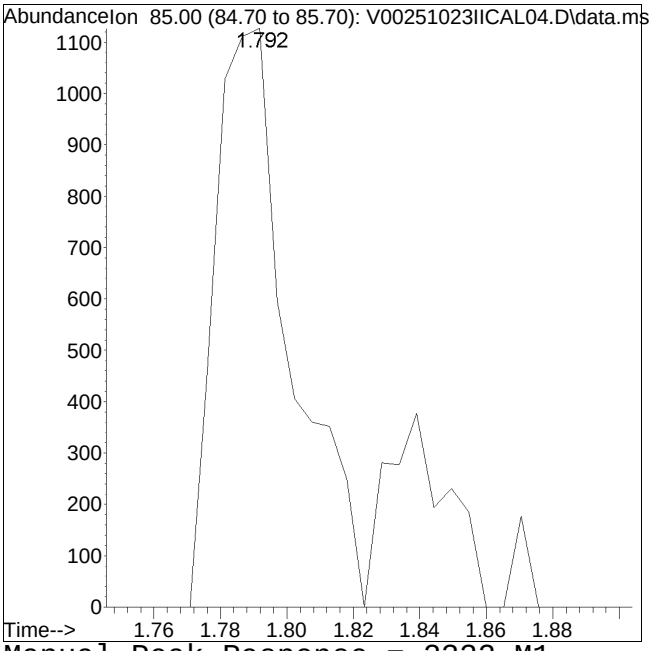


Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL04.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 4:02 pm Instrument : VOA100
Sample : I8260STD1.0PPB Quant Date : 10/24/2025 11:27 am

Compound #2: Dichlorodifluoromethane





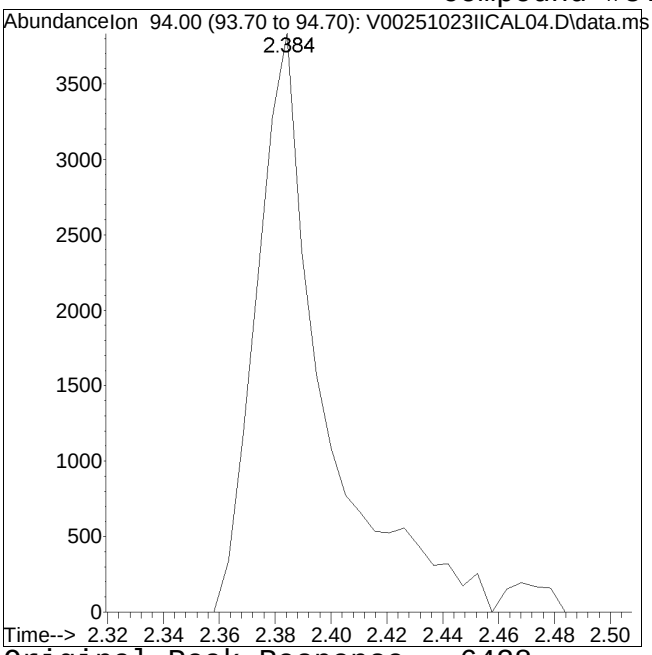
Original Peak Response = 1791 Manual Peak Response = 2332 M1

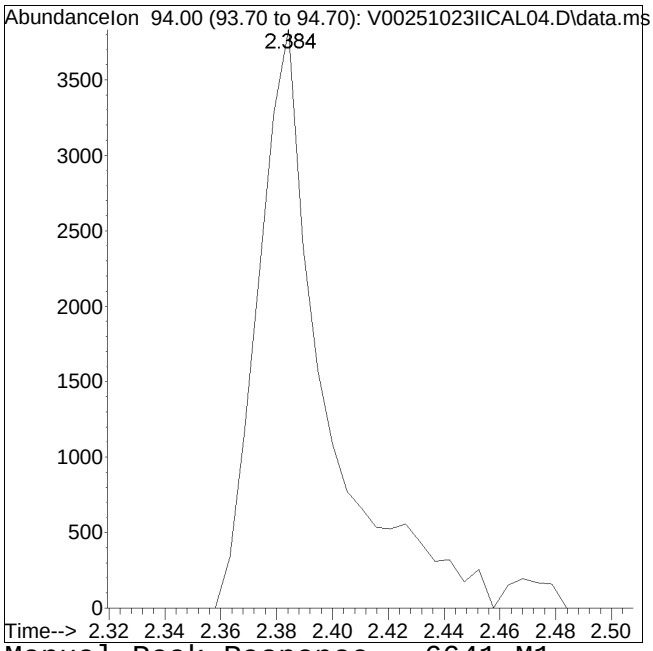
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL04.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 4:02 pm Instrument : VOA100
Sample : I8260STD1.0PPB Quant Date : 10/24/2025 11:27 am

Compound #5: Bromomethane



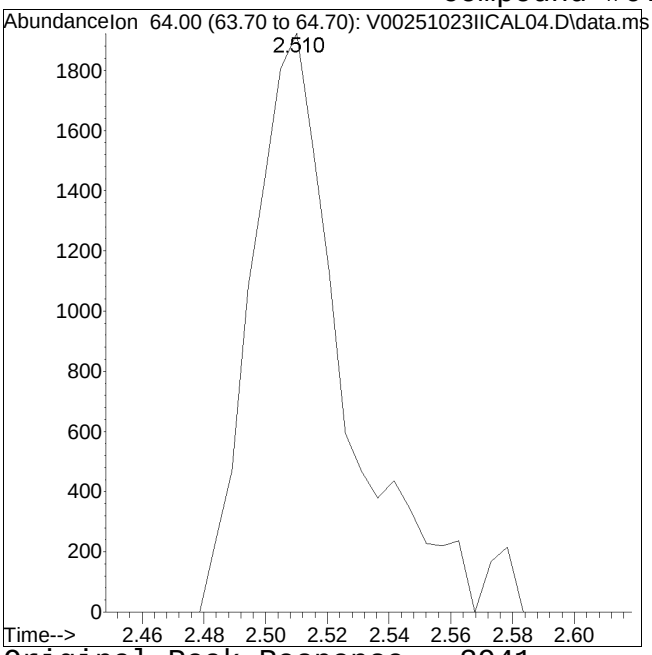


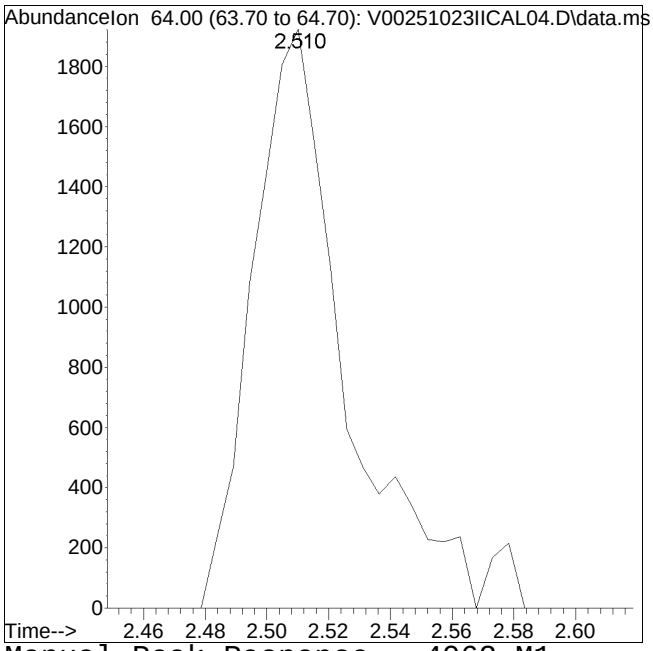
Original Peak Response = 6428 Manual Peak Response = 6641 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL04.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 4:02 pm Instrument : VOA100
Sample : I8260STD1.0PPB Quant Date : 10/24/2025 11:27 am

Compound #6: Chloroethane





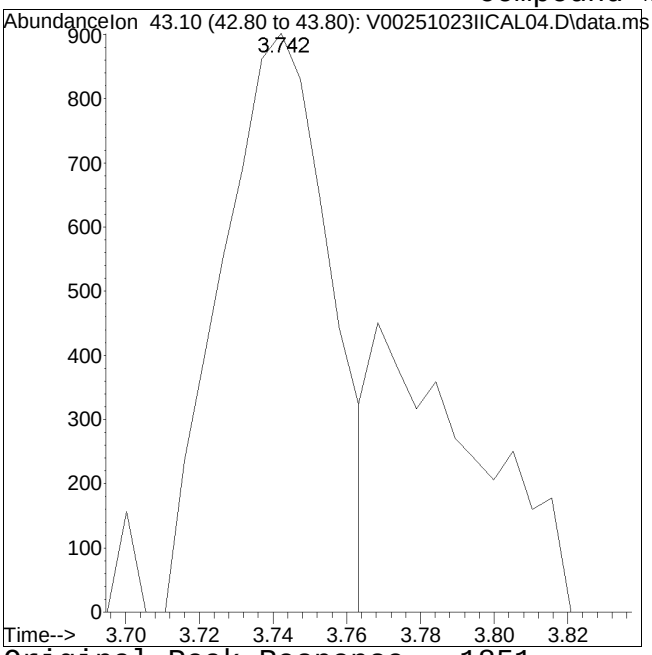
Original Peak Response = 3941 Manual Peak Response = 4062 M1

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

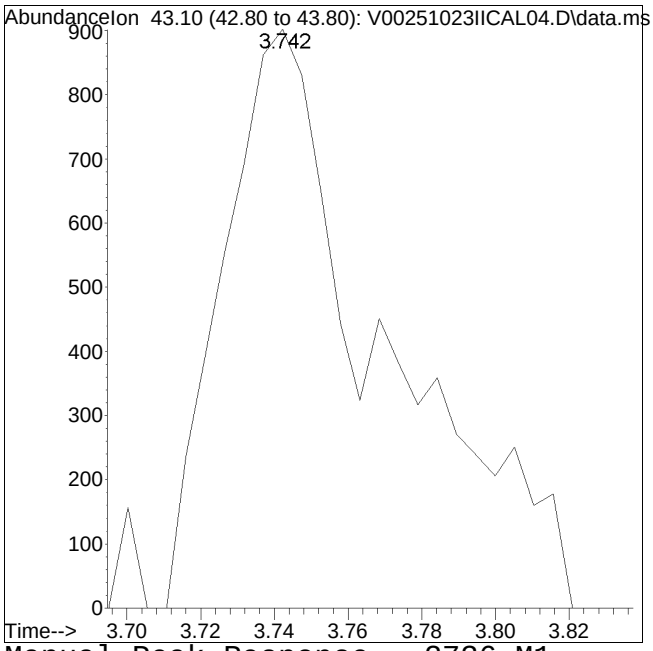
Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL04.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 4:02 pm Instrument : VOA100
Sample : I8260STD1.0PPB Quant Date : 10/24/2025 11:27 am

Compound #17: Acetone



Original Peak Response = 1851



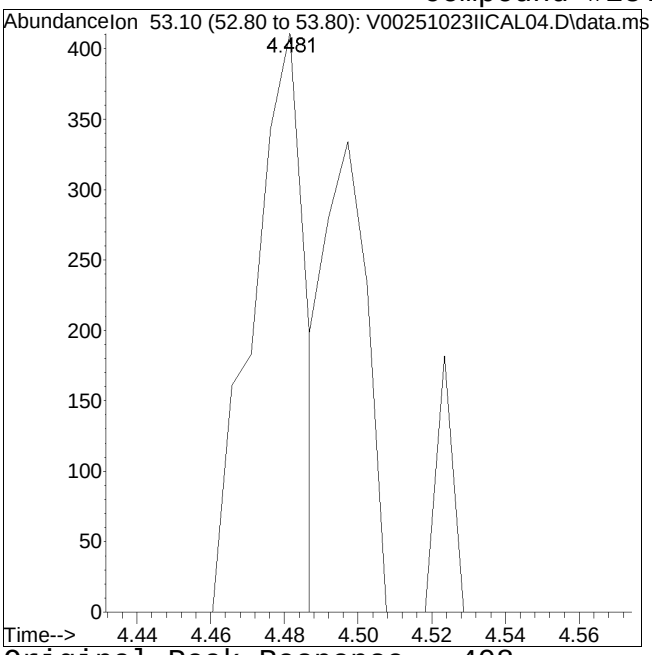
Manual Peak Response = 2736 M1

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

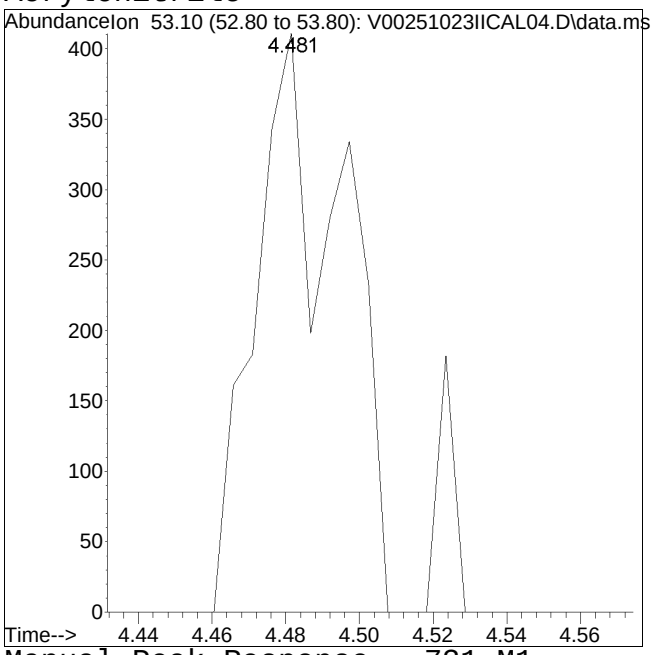
Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL04.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 4:02 pm Instrument : VOA100
Sample : I8260STD1.0PPB Quant Date : 10/24/2025 11:27 am

Compound #25: Acrylonitrile



Original Peak Response = 408



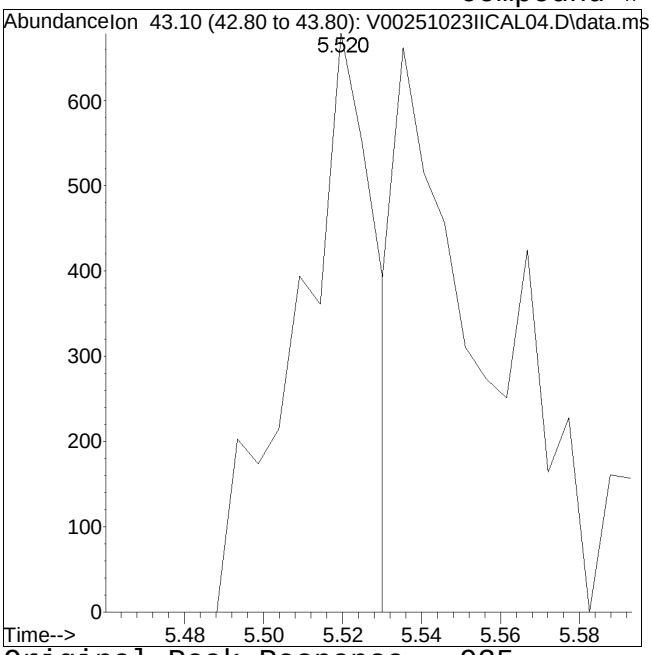
Manual Peak Response = 731 M1

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

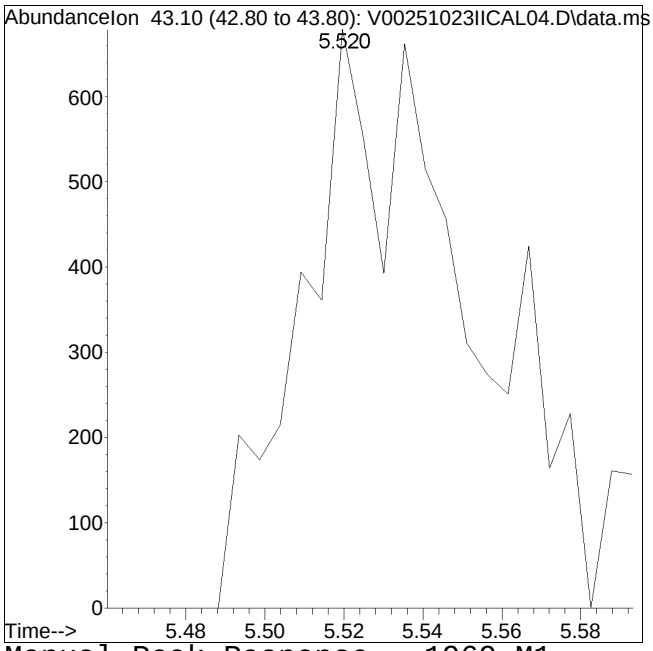
Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL04.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 4:02 pm Instrument : VOA100
Sample : I8260STD1.0PPB Quant Date : 10/24/2025 11:27 am

Compound #40: 2-Butanone



Original Peak Response = 935



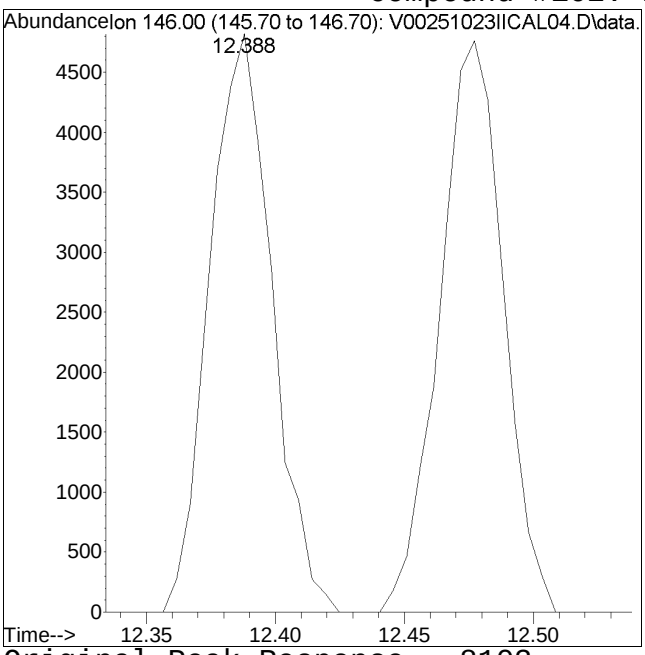
Manual Peak Response = 1969 M1

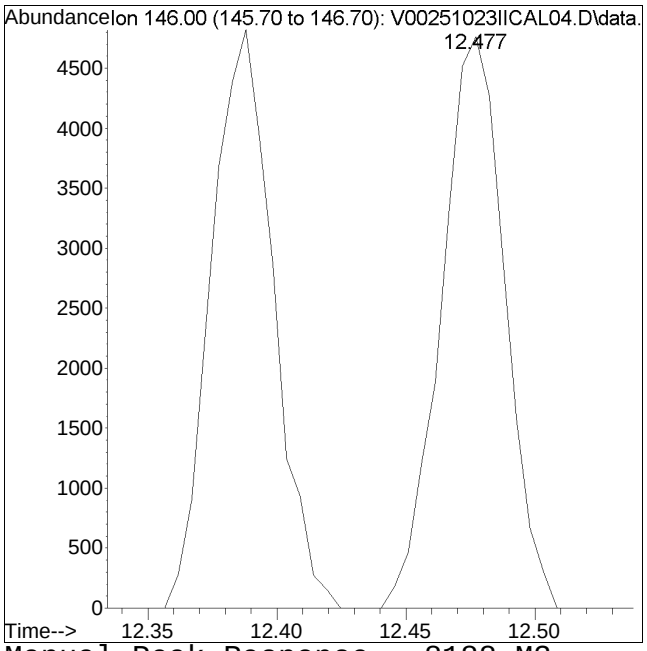
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL04.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 4:02 pm Instrument : VOA100
Sample : I8260STD1.0PPB Quant Date : 10/24/2025 11:27 am

Compound #102: 1,4-Dichlorobenzene





Original Peak Response = 8103 Manual Peak Response = 8188 M3

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL05.D
Acq On : 23 Oct 2025 04:28 pm
Operator : VOA100:AJK
Sample : I8260STD2.0PPB
Misc : WG2132450,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 11:32:14 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.233	96	222950	20.000 ug/L	0.00
Standard Area 1 = 258396			Recovery =	86.28%	
60) Chlorobenzene-d5	9.793	117	217160	20.000 ug/L	0.00
Standard Area 1 = 236531			Recovery =	91.81%	
80) 1,4-Dichlorobenzene-d4	12.461	152	122203	20.000 ug/L	0.00
Standard Area 1 = 141681			Recovery =	86.25%	
System Monitoring Compounds					
37) Dibromofluoromethane	5.409	113	71544	22.107 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	110.54%	
44) 1,2-Dichloroethane-d4	5.939	65	64220	22.327 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	111.64%	
61) Toluene-d8	7.942	98	259939	19.724 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.62%	
84) 4-Bromofluorobenzene	11.261	95	97952	21.408 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	107.04%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.786	85	6792M1	1.916 ug/L	
3) Chloromethane	2.028	50	9365	2.712 ug/L	97
4) Vinyl chloride	2.059	62	12874	2.539 ug/L	93
5) Bromomethane	2.384	94	16134	2.999 ug/L	97
6) Chloroethane	2.510	64	10700	2.735 ug/L	93
7) Trichlorofluoromethane	2.657	101	10058	1.898 ug/L	98
8) Ethyl ether	2.956	74	4466	2.468 ug/L	84
10) 1,1-Dichloroethene	3.155	96	7380	2.502 ug/L #	77
11) Carbon disulfide	3.192	76	47287	4.445 ug/L	98
12) Freon-113	3.192	101	4820	1.636 ug/L	95
14) Acrolein	3.464	56	989	2.342 ug/L #	65
15) Methylene chloride	3.705	84	12869	3.667 ug/L	96
17) Acetone	3.737	43	4479M1	2.919 ug/L	
18) trans-1,2-Dichloroethene	3.868	96	8681	2.577 ug/L	87
19) Methyl acetate	3.868	43	4903	2.741 ug/L #	76
20) Methyl tert-butyl ether	3.962	73	21076	2.315 ug/L	91
21) tert-Butyl alcohol	4.036	59	4009	10.833 ug/L #	77
22) Diisopropyl ether	4.329	45	22059	2.372 ug/L	94
23) 1,1-Dichloroethane	4.450	63	15439	2.651 ug/L	99
24) Halothane	4.492	117	5852	2.341 ug/L	99
25) Acrylonitrile	4.481	53	2048	2.163 ug/L #	84

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL05.D
Acq On : 23 Oct 2025 04:28 pm
Operator : VOA100:AJK
Sample : I8260STD2.0PPB
Misc : WG2132450,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 11:32:14 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	19179	2.182	ug/L	#	82
27) Vinyl acetate	4.681	43	13749	1.993	ug/L	#	91
28) cis-1,2-Dichloroethene	4.974	96	8957	2.404	ug/L		95
29) 2,2-Dichloropropane	5.079	77	11954	2.459	ug/L		95
31) Bromochloromethane	5.168	128	4492	2.416	ug/L		97
32) Cyclohexane	5.194	56	7042	1.453	ug/L		86
33) Chloroform	5.236	83	15818	2.565	ug/L		95
34) Ethyl acetate	5.346	43	5856	2.080	ug/L	#	86
35) Carbon tetrachloride	5.388	117	10063	2.070	ug/L		94
36) Tetrahydrofuran	5.394	42	2739	3.054	ug/L	#	74
38) 1,1,1-Trichloroethane	5.451	97	11703	2.307	ug/L		97
40) 2-Butanone	5.519	43	3981	3.265	ug/L		90
41) 1,1-Dichloropropene	5.572	75	9210	2.265	ug/L		99
42) Benzene	5.813	78	30458	2.401	ug/L		99
43) tert-Amyl methyl ether	5.923	73	19390	2.132	ug/L		91
45) 1,2-Dichloroethane	6.012	62	9699	2.465	ug/L		100
48) Methyl cyclohexane	6.421	83	6958	1.223	ug/L		88
49) Trichloroethene	6.421	95	8119	2.309	ug/L		90
51) Dibromomethane	6.856	93	5203	2.426	ug/L		99
52) 1,2-Dichloropropane	6.956	63	8135	2.531	ug/L		93
54) 2-Chloroethyl vinyl ether	7.653	63	3845	2.034	ug/L	#	100
55) Bromodichloromethane	7.029	83	11702	2.436	ug/L		98
58) 1,4-Dioxane	7.239	88	2545	90.549	ug/L		88
59) cis-1,3-Dichloropropene	7.722	75	12445	2.293	ug/L	#	91
62) Toluene	8.005	92	19374	2.261	ug/L		99
63) 4-Methyl-2-pentanone	8.429	58	1962	1.726	ug/L	#	44
64) Tetrachloroethene	8.461	166	7965	2.116	ug/L		93
66) trans-1,3-Dichloropropene	8.477	75	10568	2.010	ug/L		92
68) Ethyl methacrylate	8.671	69	8305	1.959	ug/L		91
69) 1,1,2-Trichloroethane	8.655	83	5427	2.077	ug/L		99
70) Chlorodibromomethane	8.875	129	8145	1.949	ug/L		95
71) 1,3-Dichloropropane	8.985	76	10726	2.120	ug/L		98
72) 1,2-Dibromoethane	9.158	107	6060	1.920	ug/L		88
73) 2-Hexanone	9.441	43	4049	1.815	ug/L	#	72
74) Chlorobenzene	9.819	112	23413	2.228	ug/L		97
75) Ethylbenzene	9.861	91	36817	2.144	ug/L		99
76) 1,1,1,2-Tetrachloroethane	9.897	131	7773	1.991	ug/L		96
77) p/m Xylene	10.044	106	29228	4.244	ug/L		96
78) o Xylene	10.574	106	28107	4.082	ug/L		97
79) Styrene	10.637	104	46188	3.810	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL05.D
Acq On : 23 Oct 2025 04:28 pm
Operator : VOA100:AJK
Sample : I8260STD2.0PPB
Misc : WG2132450,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 11:32:14 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.652	173	5467	1.875	ug/L	95
83) Isopropylbenzene	10.951	105	34415	2.038	ug/L	100
85) Bromobenzene	11.376	156	9319	2.194	ug/L	100
86) n-Propylbenzene	11.423	91	41599	2.071	ug/L	99
87) 1,4-Dichlorobutane	11.423	55	9964	2.103	ug/L	94
88) 1,1,2,2-Tetrachloroethane	11.491	83	9136	2.089	ug/L	94
89) 4-Ethyltoluene	11.544	105	35225	2.129	ug/L	97
90) 2-Chlorotoluene	11.586	91	25168M1	2.194	ug/L	
91) 1,3,5-Trimethylbenzene	11.643	105	29864	2.096	ug/L	98
92) 1,2,3-Trichloropropane	11.633	75	6691	2.059	ug/L	96
93) trans-1,4-Dichloro-2-b...	11.675	53	2286	2.006	ug/L	95
94) 4-Chlorotoluene	11.764	91	25865	2.166	ug/L	96
95) tert-Butylbenzene	11.984	119	26023	2.028	ug/L	90
98) 1,2,4-Trimethylbenzene	12.058	105	28969	2.039	ug/L	96
99) sec-Butylbenzene	12.173	105	35679	1.850	ug/L	99
100) p-Isopropyltoluene	12.320	119	32265	1.913	ug/L	95
101) 1,3-Dichlorobenzene	12.383	146	17937	2.044	ug/L	99
102) 1,4-Dichlorobenzene	12.477	146	18336	2.068	ug/L	92
103) p-Diethylbenzene	12.692	119	19693	1.954	ug/L	94
104) n-Butylbenzene	12.750	91	29074	1.953	ug/L	96
105) 1,2-Dichlorobenzene	12.896	146	16082	1.954	ug/L	97
106) 1,2,4,5-Tetramethylben...	13.484	119	28084	1.847	ug/L	99
107) 1,2-Dibromo-3-chloropr...	13.672	155	1602	1.950	ug/L	96
108) 1,3,5-Trichlorobenzene	13.709	180	11811	1.952	ug/L	99
109) Hexachlorobutadiene	14.291	225	4885	1.899	ug/L	91
110) 1,2,4-Trichlorobenzene	14.302	180	10450	1.964	ug/L	99
111) Naphthalene	14.595	128	25888	1.987	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	9745	2.005	ug/L	100

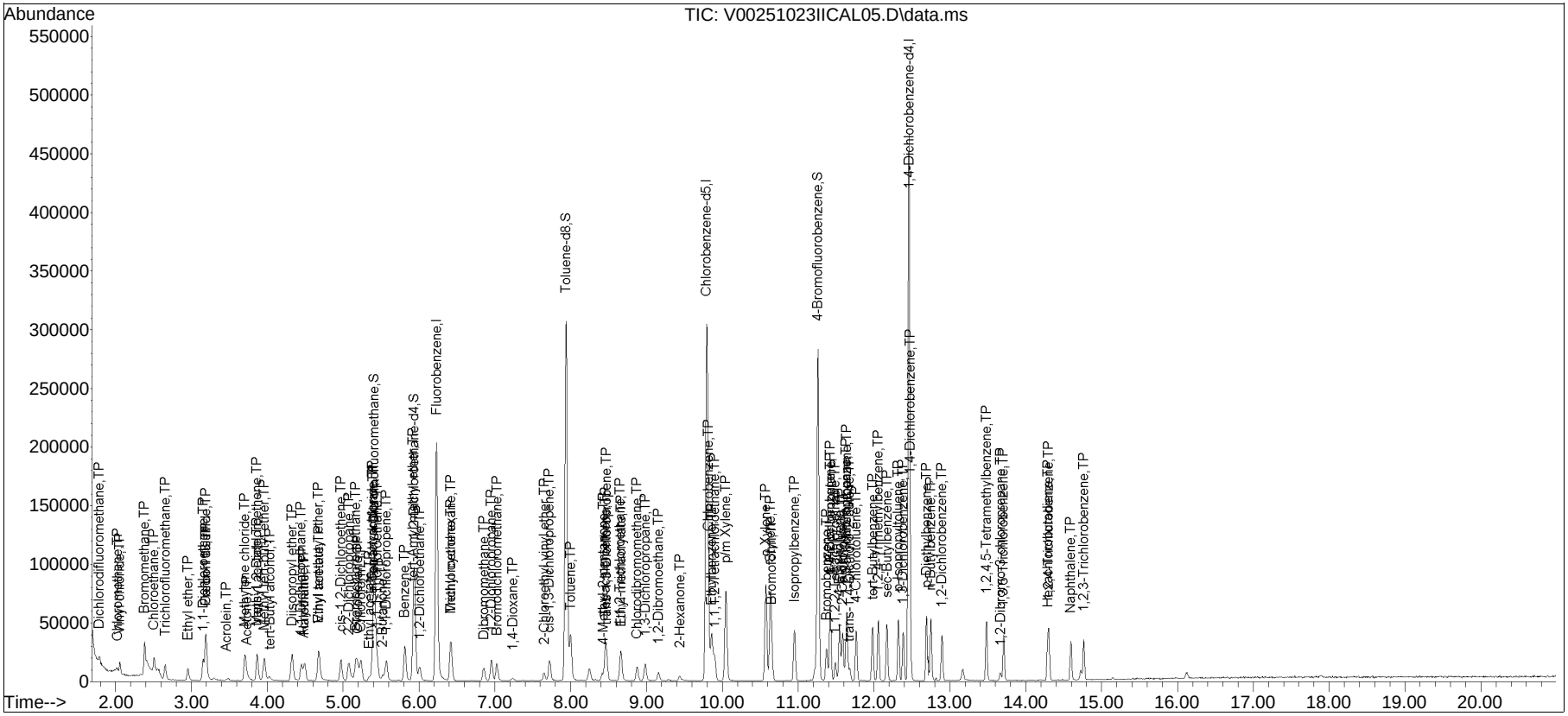
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL05.D
Acq On : 23 Oct 2025 04:28 pm
Operator : VOA100:AJK
Sample : I8260STD2.0PPB
Misc : WG2132450,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 11:32:14 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

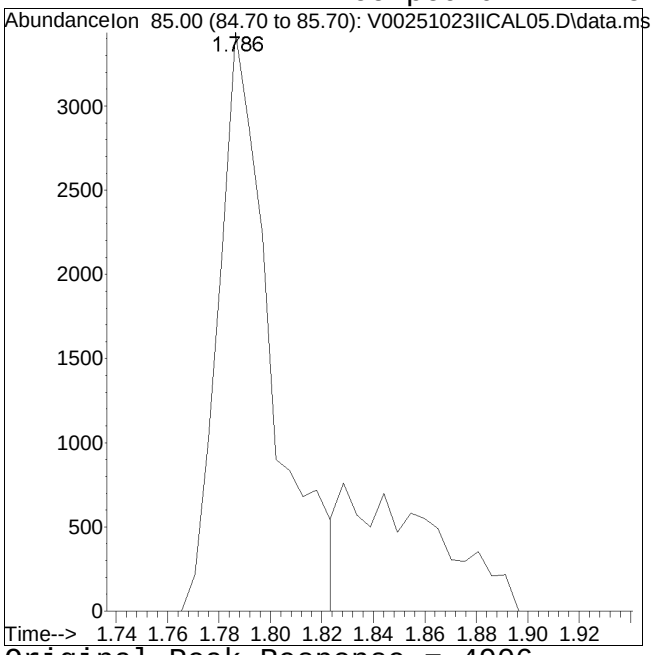
Sub List : 8260-CurveSoil - Megamix plus Diox51023IICAL08.D•

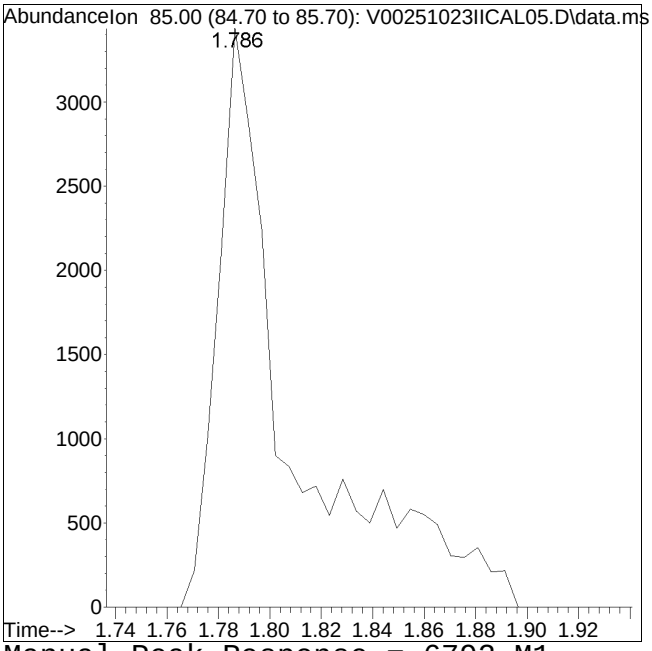


Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL05.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 4:28 pm Instrument : VOA100
Sample : I8260STD2.0PPB Quant Date : 10/24/2025 11:27 am

Compound #2: Dichlorodifluoromethane





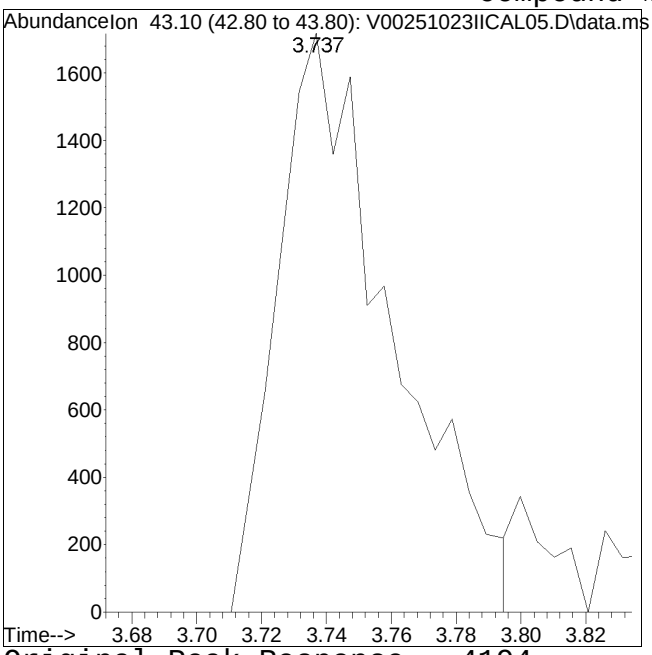
Original Peak Response = 4906 Manual Peak Response = 6792 M1

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

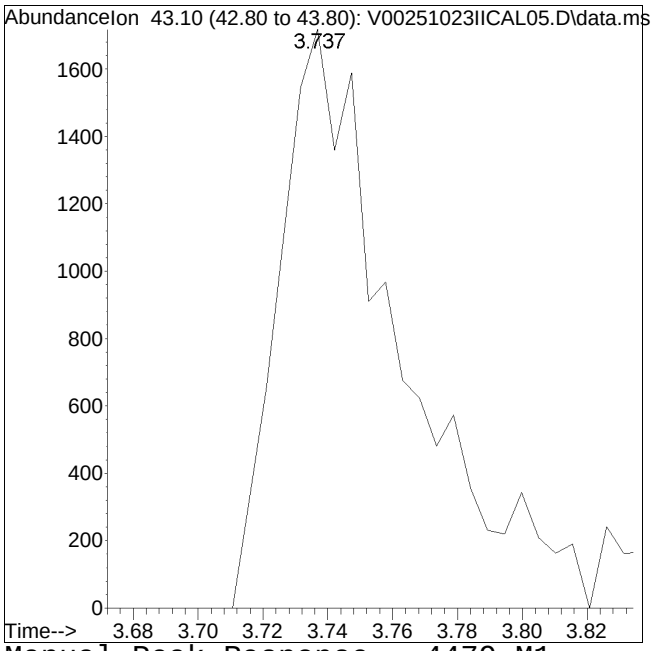
Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL05.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 4:28 pm Instrument : VOA100
Sample : I8260STD2.0PPB Quant Date : 10/24/2025 11:27 am

Compound #17: Acetone



Original Peak Response = 4194



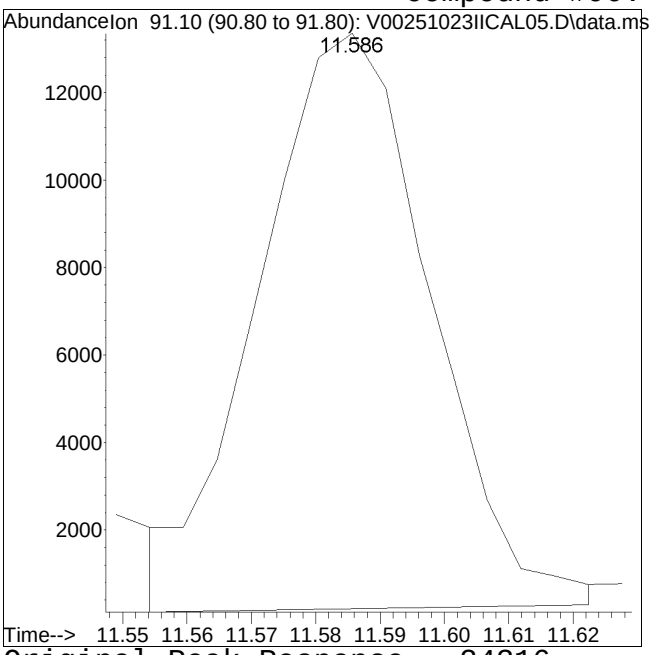
Manual Peak Response = 4479 M1

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

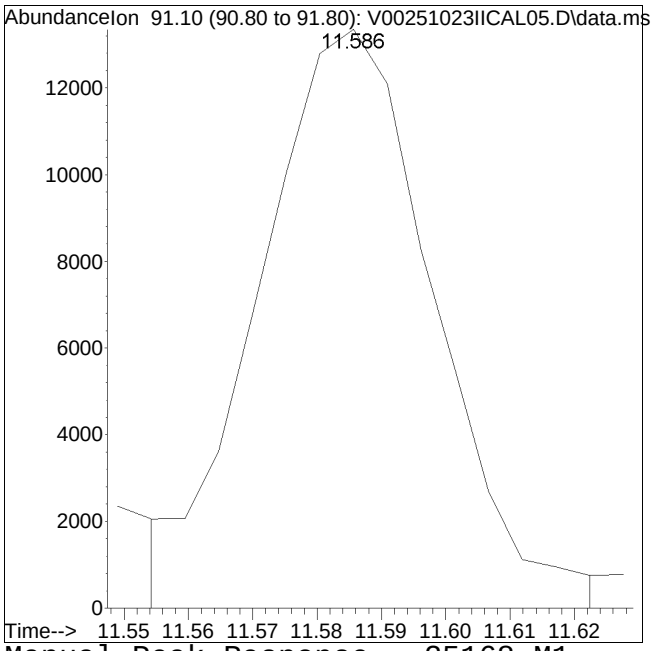
Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL05.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 4:28 pm Instrument : VOA100
Sample : I8260STD2.0PPB Quant Date : 10/24/2025 11:27 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 24316



Manual Peak Response = 25168 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL06.D
Acq On : 23 Oct 2025 04:54 pm
Operator : VOA100:AJK
Sample : I8260STD4.0PPB
Misc : WG2132450,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 24 11:33:32 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.233	96	227282	20.000 ug/L	0.00
Standard Area 1 = 258396			Recovery = 87.96%		
60) Chlorobenzene-d5	9.793	117	214943	20.000 ug/L	0.00
Standard Area 1 = 236531			Recovery = 90.87%		
80) 1,4-Dichlorobenzene-d4	12.461	152	120501	20.000 ug/L	0.00
Standard Area 1 = 141681			Recovery = 85.05%		
System Monitoring Compounds					
37) Dibromofluoromethane	5.409	113	70787	21.456 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.28%		
44) 1,2-Dichloroethane-d4	5.939	65	63269	21.577 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.89%		
61) Toluene-d8	7.942	98	261881	20.077 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.39%		
84) 4-Bromofluorobenzene	11.261	95	95686	21.208 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.04%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.786	85	19230	5.321 ug/L	98
3) Chloromethane	2.012	50	19015	5.402 ug/L	94
4) Vinyl chloride	2.059	62	27282	5.277 ug/L	86
5) Bromomethane	2.384	94	30286	5.522 ug/L	99
6) Chloroethane	2.510	64	19818	4.969 ug/L	88
7) Trichlorofluoromethane	2.657	101	25948	4.804 ug/L	98
8) Ethyl ether	2.950	74	8950	4.852 ug/L	84
10) 1,1-Dichloroethene	3.155	96	14812	4.927 ug/L	80
11) Carbon disulfide	3.192	76	73276	6.756 ug/L	100
12) Freon-113	3.192	101	14628	4.871 ug/L	100
14) Acrolein	3.464	56	1992M1	4.627 ug/L	
15) Methylene chloride	3.705	84	19585	5.475 ug/L	91
17) Acetone	3.737	43	8279	5.293 ug/L #	87
18) trans-1,2-Dichloroethene	3.863	96	16581	4.827 ug/L	89
19) Methyl acetate	3.857	43	7848	4.304 ug/L #	84
20) Methyl tert-butyl ether	3.957	73	41904	4.515 ug/L	96
21) tert-Butyl alcohol	4.025	59	7695	20.397 ug/L #	74
22) Diisopropyl ether	4.324	45	41261	4.352 ug/L	94
23) 1,1-Dichloroethane	4.450	63	29549	4.977 ug/L	98
24) Halothane	4.492	117	12357	4.849 ug/L	99
25) Acrylonitrile	4.481	53	4080	4.226 ug/L	91

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL06.D
Acq On : 23 Oct 2025 04:54 pm
Operator : VOA100:AJK
Sample : I8260STD4.0PPB
Misc : WG2132450,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 24 11:33:32 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	36882	4.115	ug/L	#	76
27) Vinyl acetate	4.681	43	28954	4.118	ug/L	#	92
28) cis-1,2-Dichloroethene	4.974	96	18424	4.851	ug/L		89
29) 2,2-Dichloropropane	5.074	77	23795	4.801	ug/L		93
31) Bromochloromethane	5.168	128	9123	4.813	ug/L		94
32) Cyclohexane	5.189	56	22294	4.513	ug/L		87
33) Chloroform	5.236	83	31553	5.019	ug/L		97
34) Ethyl acetate	5.341	43	12361	4.307	ug/L	#	86
35) Carbon tetrachloride	5.388	117	23839	4.810	ug/L		98
36) Tetrahydrofuran	5.394	42	4770	5.217	ug/L	#	84
38) 1,1,1-Trichloroethane	5.441	97	23841	4.609	ug/L		97
40) 2-Butanone	5.520	43	5691	4.578	ug/L		99
41) 1,1-Dichloropropene	5.567	75	20077	4.844	ug/L		98
42) Benzene	5.813	78	59266	4.582	ug/L		99
43) tert-Amyl methyl ether	5.928	73	39135	4.222	ug/L		91
45) 1,2-Dichloroethane	6.007	62	19233	4.796	ug/L		99
48) Methyl cyclohexane	6.427	83	24838	4.282	ug/L		89
49) Trichloroethene	6.416	95	16519	4.609	ug/L		94
51) Dibromomethane	6.851	93	10172	4.653	ug/L		99
52) 1,2-Dichloropropane	6.956	63	15384	4.696	ug/L		95
54) 2-Chloroethyl vinyl ether	7.653	63	7575	3.932	ug/L	#	100
55) Bromodichloromethane	7.030	83	22906	4.677	ug/L		97
58) 1,4-Dioxane	7.229	88	6666	232.649	ug/L	#	86
59) cis-1,3-Dichloropropene	7.722	75	24213	4.376	ug/L	#	87
62) Toluene	7.999	92	38037	4.484	ug/L		97
63) 4-Methyl-2-pentanone	8.419	58	3931	3.494	ug/L	#	39
64) Tetrachloroethene	8.456	166	15864	4.258	ug/L		94
66) trans-1,3-Dichloropropene	8.471	75	21317	4.096	ug/L		94
68) Ethyl methacrylate	8.665	69	16519	3.938	ug/L		93
69) 1,1,2-Trichloroethane	8.660	83	10730	4.149	ug/L		100
70) Chlorodibromomethane	8.875	129	16560	4.003	ug/L		98
71) 1,3-Dichloropropane	8.980	76	21842	4.361	ug/L		99
72) 1,2-Dibromoethane	9.158	107	13366	4.277	ug/L		100
73) 2-Hexanone	9.436	43	7936	3.594	ug/L	#	79
74) Chlorobenzene	9.819	112	44489	4.278	ug/L		100
75) Ethylbenzene	9.861	91	72727	4.279	ug/L		99
76) 1,1,1,2-Tetrachloroethane	9.897	131	15213	3.936	ug/L		98
77) p/m Xylene	10.044	106	56705	8.318	ug/L		97
78) o Xylene	10.574	106	56314	8.263	ug/L		95
79) Styrene	10.631	104	92801	7.733	ug/L		95

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL06.D
Acq On : 23 Oct 2025 04:54 pm
Operator : VOA100:AJK
Sample : I8260STD4.0PPB
Misc : WG2132450,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 24 11:33:32 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.658	173	10318	3.589	ug/L	98
83) Isopropylbenzene	10.951	105	72002	4.323	ug/L	98
85) Bromobenzene	11.376	156	17739	4.236	ug/L	94
86) n-Propylbenzene	11.423	91	85351	4.310	ug/L	99
87) 1,4-Dichlorobutane	11.423	55	19217	4.113	ug/L	97
88) 1,1,2,2-Tetrachloroethane	11.491	83	17149	3.976	ug/L	97
89) 4-Ethyltoluene	11.544	105	71182	4.363	ug/L	99
90) 2-Chlorotoluene	11.586	91	49950M1	4.416	ug/L	
91) 1,3,5-Trimethylbenzene	11.643	105	59130	4.209	ug/L	95
92) 1,2,3-Trichloropropane	11.628	75	13291	4.149	ug/L	99
93) trans-1,4-Dichloro-2-b...	11.675	53	4357	3.877	ug/L	95
94) 4-Chlorotoluene	11.764	91	50878	4.320	ug/L	94
95) tert-Butylbenzene	11.979	119	52649	4.161	ug/L	93
98) 1,2,4-Trimethylbenzene	12.058	105	58588	4.182	ug/L	98
99) sec-Butylbenzene	12.168	105	79353	4.172	ug/L	100
100) p-Isopropyltoluene	12.320	119	69476	4.178	ug/L	96
101) 1,3-Dichlorobenzene	12.388	146	35576	4.111	ug/L	99
102) 1,4-Dichlorobenzene	12.472	146	36635	4.190	ug/L	98
103) p-Diethylbenzene	12.692	119	41409	4.167	ug/L	95
104) n-Butylbenzene	12.750	91	62756	4.276	ug/L	98
105) 1,2-Dichlorobenzene	12.896	146	33435	4.121	ug/L	97
106) 1,2,4,5-Tetramethylben...	13.484	119	59752	3.985	ug/L	99
107) 1,2-Dibromo-3-chloropr...	13.667	155	3042	3.755	ug/L	98
108) 1,3,5-Trichlorobenzene	13.709	180	24987	4.188	ug/L	100
109) Hexachlorobutadiene	14.286	225	10508	4.144	ug/L	98
110) 1,2,4-Trichlorobenzene	14.307	180	22226	4.236	ug/L	98
111) Naphthalene	14.595	128	50752	3.950	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	20061	4.185	ug/L	99

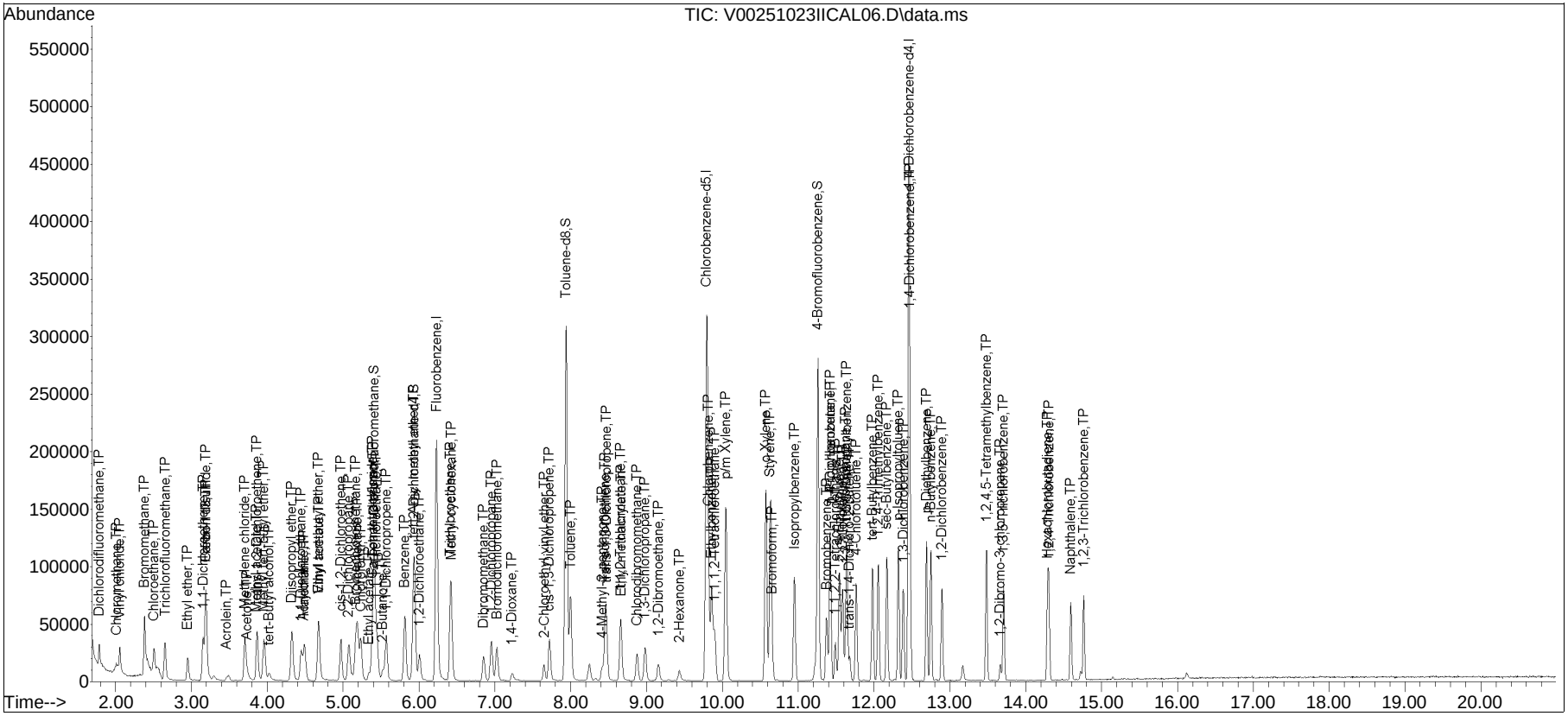
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL06.D
Acq On : 23 Oct 2025 04:54 pm
Operator : VOA100:AJK
Sample : I8260STD4.0PPB
Misc : WG2132450,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 24 11:33:32 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

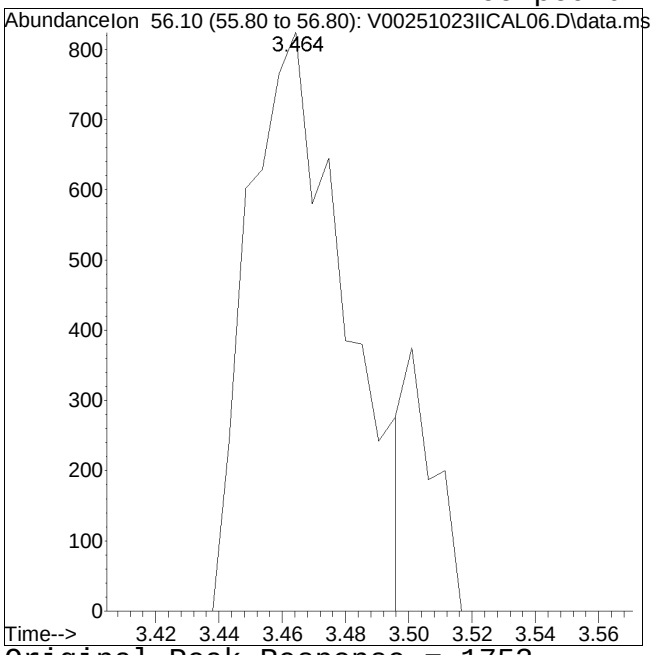
Sub List : 8260-CurveSoil - Megamix plus Diox51023IICAL08.D•

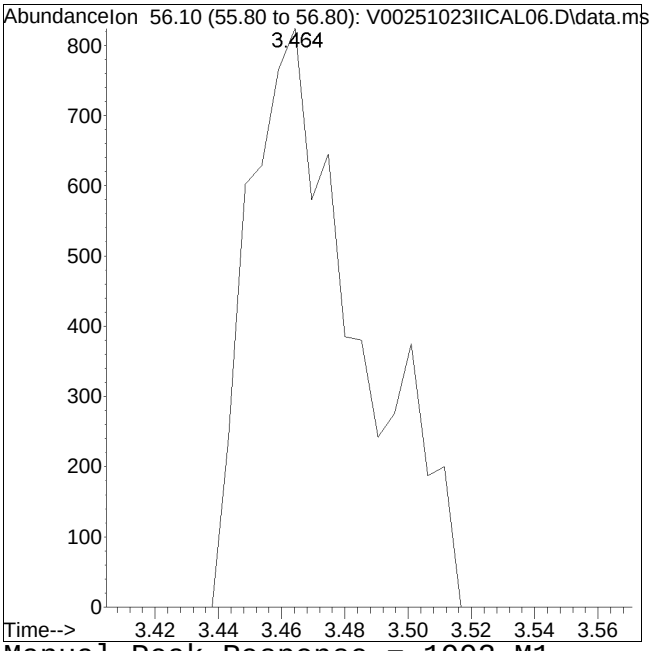


Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL06.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 4:54 pm Instrument : VOA100
Sample : I8260STD4.0PPB Quant Date : 10/24/2025 11:27 am

Compound #14: Acrolein





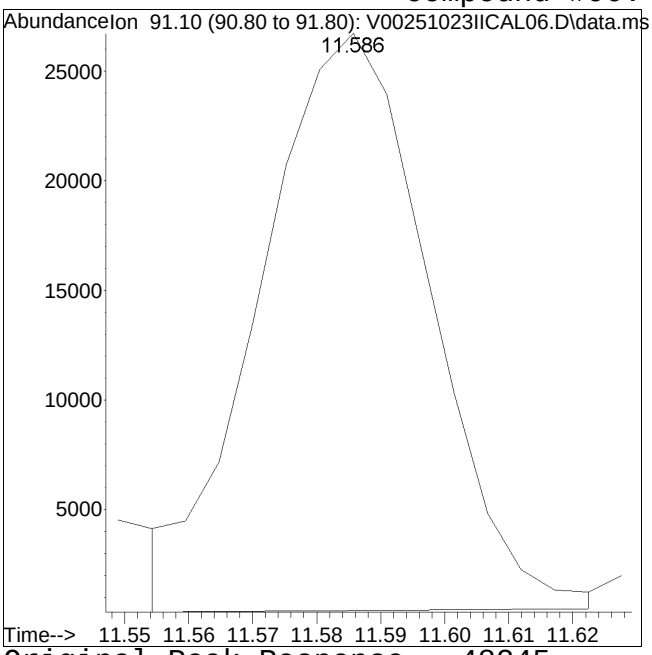
Original Peak Response = 1753 Manual Peak Response = 1992 M1

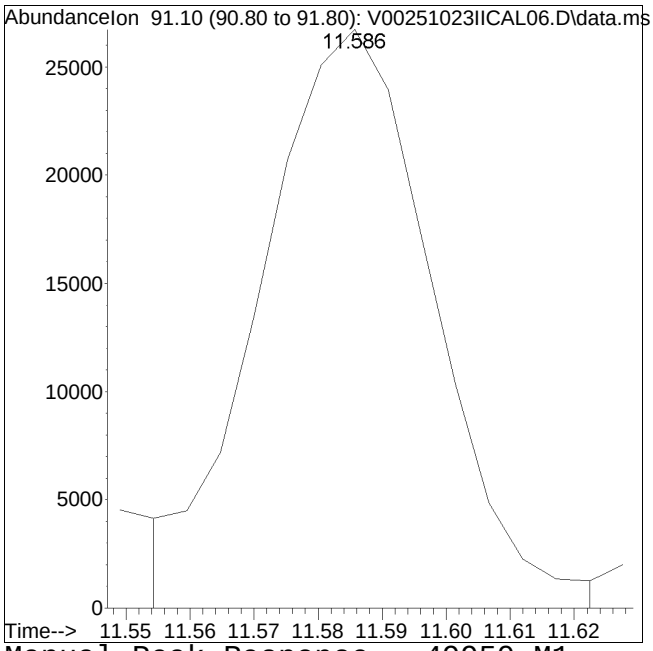
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL06.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 4:54 pm Instrument : VOA100
Sample : I8260STD4.0PPB Quant Date : 10/24/2025 11:27 am

Compound #90: 2-Chlorotoluene





Original Peak Response = 48245 Manual Peak Response = 49950 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL07.D
Acq On : 23 Oct 2025 05:20 pm
Operator : VOA100:AJK
Sample : I8260STD20PPB
Misc : WG2132450,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 24 11:34:19 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.232	96	242526	20.000	ug/L	0.00
Standard Area 1 = 258396			Recovery = 93.86%			
60) Chlorobenzene-d5	9.798	117	222477	20.000	ug/L	0.00
Standard Area 1 = 236531			Recovery = 94.06%			
80) 1,4-Dichlorobenzene-d4	12.461	152	124116	20.000	ug/L	0.00
Standard Area 1 = 141681			Recovery = 87.60%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.415	113	72889	20.705	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.53%			
44) 1,2-Dichloroethane-d4	5.939	65	63603	20.328	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.64%			
61) Toluene-d8	7.942	98	276547	20.483	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.42%			
84) 4-Bromofluorobenzene	11.261	95	98983	21.300	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.786	85	61393M1	15.920	ug/L	
3) Chloromethane	2.017	50	70372	18.736	ug/L	97
4) Vinyl chloride	2.059	62	98288	17.816	ug/L	82
5) Bromomethane	2.384	94	118268	20.207	ug/L	99
6) Chloroethane	2.505	64	77158	18.128	ug/L	83
7) Trichlorofluoromethane	2.651	101	89398	15.510	ug/L	98
8) Ethyl ether	2.950	74	37599	19.102	ug/L	88
10) 1,1-Dichloroethene	3.155	96	55302	17.238	ug/L	79
11) Carbon disulfide	3.192	76	219320	18.950	ug/L	100
12) Freon-113	3.197	101	47383	14.787	ug/L	96
14) Acrolein	3.459	56	8378	18.237	ug/L	94
15) Methylene chloride	3.705	84	76812	20.122	ug/L	94
17) Acetone	3.737	43	34405	20.615	ug/L	92
18) trans-1,2-Dichloroethene	3.868	96	68074	18.574	ug/L	88
19) Methyl acetate	3.857	43	36171	18.589	ug/L #	85
20) Methyl tert-butyl ether	3.962	73	184588	18.639	ug/L	97
21) tert-Butyl alcohol	4.025	59	31618	78.541	ug/L	96
22) Diisopropyl ether	4.324	45	183446	18.132	ug/L	97
23) 1,1-Dichloroethane	4.450	63	118299	18.672	ug/L	98
24) Halothane	4.492	117	45626	16.779	ug/L	99
25) Acrylonitrile	4.471	53	19560	18.988	ug/L #	87

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL07.D
Acq On : 23 Oct 2025 05:20 pm
Operator : VOA100:AJK
Sample : I8260STD20PPB
Misc : WG2132450,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 24 11:34:19 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	170996	17.881	ug/L	#	79
27) Vinyl acetate	4.675	43	129835	17.304	ug/L		95
28) cis-1,2-Dichloroethene	4.969	96	76020	18.757	ug/L		90
29) 2,2-Dichloropropane	5.079	77	91966	17.389	ug/L		94
31) Bromochloromethane	5.163	128	38314	18.943	ug/L		98
32) Cyclohexane	5.189	56	73905	14.021	ug/L		89
33) Chloroform	5.236	83	127199	18.961	ug/L		98
34) Ethyl acetate	5.336	43	54573	17.822	ug/L	#	89
35) Carbon tetrachloride	5.388	117	83154	15.723	ug/L		100
36) Tetrahydrofuran	5.388	42	18976	19.450	ug/L		86
38) 1,1,1-Trichloroethane	5.446	97	93909	17.015	ug/L		97
40) 2-Butanone	5.519	43	23736	17.894	ug/L		94
41) 1,1-Dichloropropene	5.572	75	71390	16.141	ug/L		98
42) Benzene	5.813	78	249781	18.098	ug/L		99
43) tert-Amyl methyl ether	5.928	73	175048	17.697	ug/L		90
45) 1,2-Dichloroethane	6.007	62	81105	18.952	ug/L		99
48) Methyl cyclohexane	6.421	83	82530	13.335	ug/L		90
49) Trichloroethene	6.416	95	66499	17.387	ug/L		92
51) Dibromomethane	6.851	93	42982	18.427	ug/L		97
52) 1,2-Dichloropropane	6.956	63	66057	18.896	ug/L		97
54) 2-Chloroethyl vinyl ether	7.648	63	37961	18.464	ug/L	#	100
55) Bromodichloromethane	7.024	83	95527	18.279	ug/L		99
58) 1,4-Dioxane	7.234	88	32894	1075.870	ug/L		91
59) cis-1,3-Dichloropropene	7.721	75	109037	18.469	ug/L	#	89
62) Toluene	7.999	92	157025	17.885	ug/L		100
63) 4-Methyl-2-pentanone	8.414	58	19272	16.552	ug/L	#	52
64) Tetrachloroethene	8.461	166	61085	15.840	ug/L		98
66) trans-1,3-Dichloropropene	8.466	75	94969	17.630	ug/L		94
68) Ethyl methacrylate	8.660	69	75397	17.364	ug/L		92
69) 1,1,2-Trichloroethane	8.655	83	47681	17.812	ug/L		99
70) Chlorodibromomethane	8.880	129	76089	17.770	ug/L		98
71) 1,3-Dichloropropane	8.980	76	93452	18.027	ug/L		99
72) 1,2-Dibromoethane	9.153	107	59585	18.423	ug/L		98
73) 2-Hexanone	9.425	43	36582	16.006	ug/L	#	83
74) Chlorobenzene	9.819	112	193062	17.936	ug/L		94
75) Ethylbenzene	9.861	91	302629	17.202	ug/L		99
76) 1,1,1,2-Tetrachloroethane	9.897	131	69092	17.271	ug/L		99
77) p/m Xylene	10.044	106	240519	34.087	ug/L		96
78) o Xylene	10.574	106	242414	34.365	ug/L		95
79) Styrene	10.637	104	418574	33.699	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL07.D
Acq On : 23 Oct 2025 05:20 pm
Operator : VOA100:AJK
Sample : I8260STD20PPB
Misc : WG2132450,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 24 11:34:19 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.652	173	48933	16.526	ug/L	100
83) Isopropylbenzene	10.946	105	291940	17.019	ug/L	98
85) Bromobenzene	11.376	156	78724	18.250	ug/L	100
86) n-Propylbenzene	11.423	91	347853	17.054	ug/L	98
87) 1,4-Dichlorobutane	11.423	55	86478	17.971	ug/L	96
88) 1,1,2,2-Tetrachloroethane	11.486	83	76126	17.138	ug/L	98
89) 4-Ethyltoluene	11.544	105	289023	17.199	ug/L	98
90) 2-Chlorotoluene	11.586	91	208665M6	17.909	ug/L	
91) 1,3,5-Trimethylbenzene	11.643	105	249269	17.229	ug/L	96
92) 1,2,3-Trichloropropane	11.628	75	57992	17.574	ug/L	95
93) trans-1,4-Dichloro-2-b...	11.675	53	19230	16.612	ug/L	86
94) 4-Chlorotoluene	11.764	91	217963	17.968	ug/L	95
95) tert-Butylbenzene	11.979	119	213570	16.389	ug/L	93
98) 1,2,4-Trimethylbenzene	12.052	105	254556	17.640	ug/L	98
99) sec-Butylbenzene	12.168	105	311402	15.894	ug/L	99
100) p-Isopropyltoluene	12.320	119	276653	16.151	ug/L	97
101) 1,3-Dichlorobenzene	12.383	146	155727	17.471	ug/L	99
102) 1,4-Dichlorobenzene	12.477	146	158693	17.620	ug/L	97
103) p-Diethylbenzene	12.692	119	168515	16.462	ug/L	96
104) n-Butylbenzene	12.750	91	244701	16.187	ug/L	98
105) 1,2-Dichlorobenzene	12.896	146	145927	17.460	ug/L	98
106) 1,2,4,5-Tetramethylben...	13.484	119	263905	17.088	ug/L	99
107) 1,2-Dibromo-3-chloropr...	13.667	155	13959	16.728	ug/L	95
108) 1,3,5-Trichlorobenzene	13.709	180	107674	17.521	ug/L	99
109) Hexachlorobutadiene	14.286	225	39392	15.081	ug/L	98
110) 1,2,4-Trichlorobenzene	14.307	180	94546	17.493	ug/L	99
111) Naphthalene	14.595	128	228379	17.258	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	87714	17.767	ug/L	98

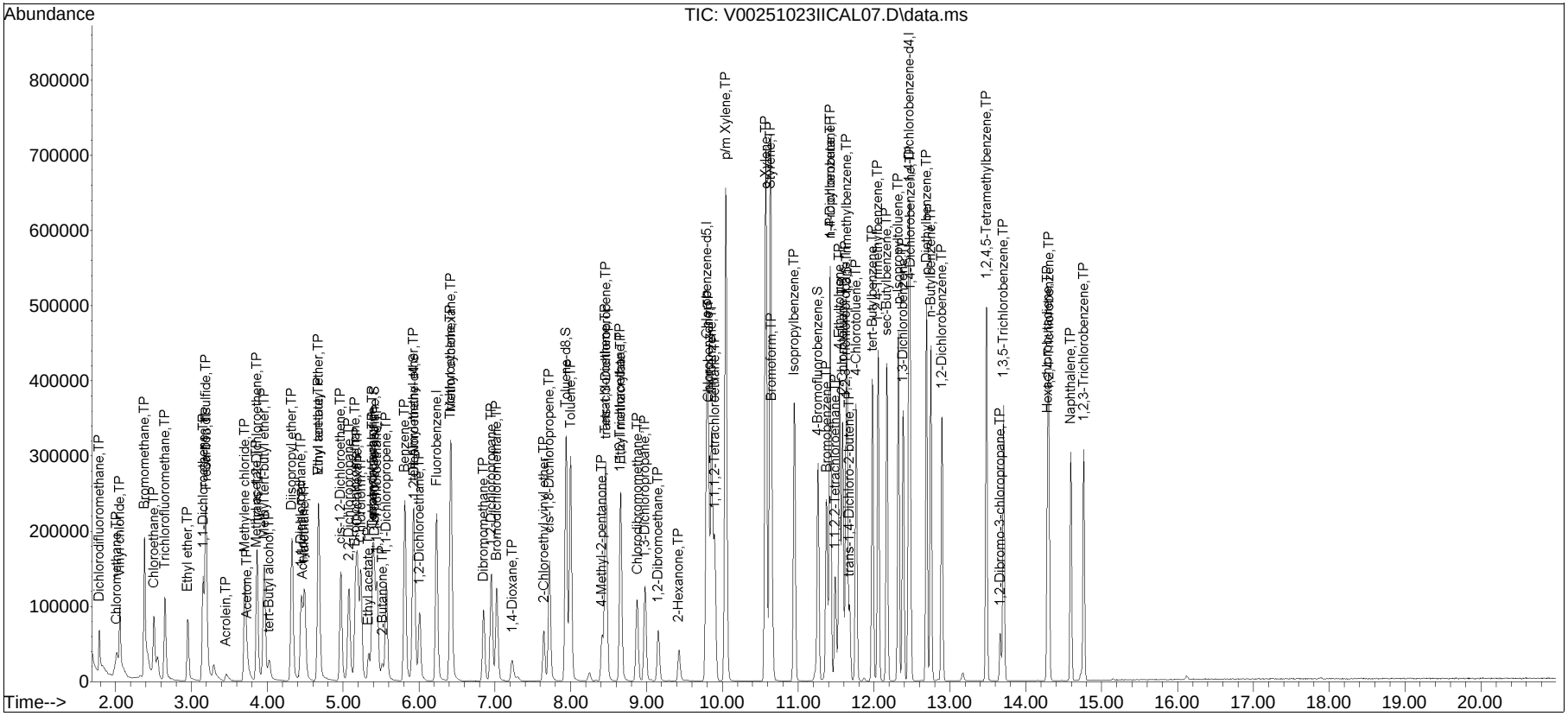
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL07.D
Acq On : 23 Oct 2025 05:20 pm
Operator : VOA100:AJK
Sample : I8260STD20PPB
Misc : WG2132450,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 24 11:34:19 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

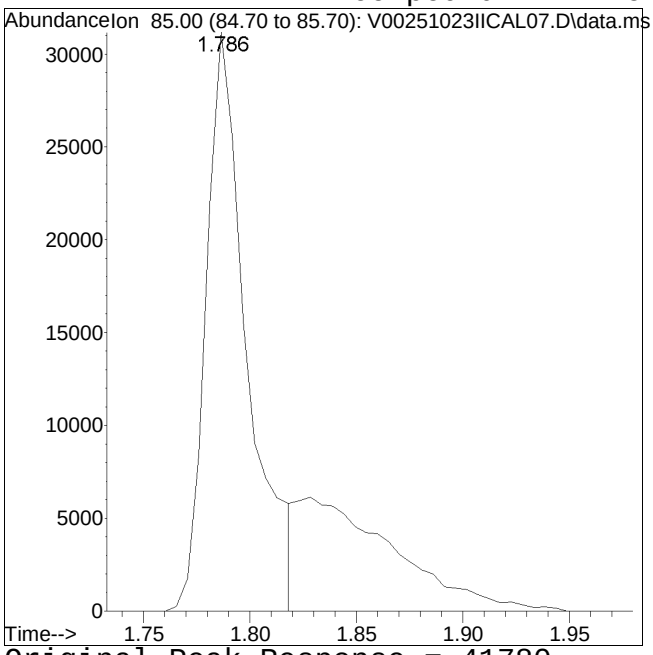
Sub List : 8260-CurveSoil - Megamix plus Diox51023IICAL08.D•

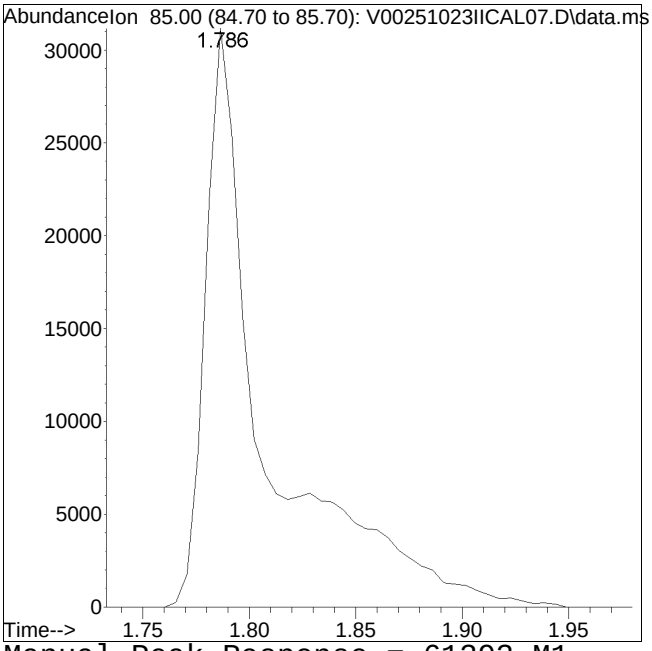


Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL07.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 5:20 pm Instrument : VOA100
Sample : I8260STD20PPB Quant Date : 10/24/2025 11:27 am

Compound #2: Dichlorodifluoromethane





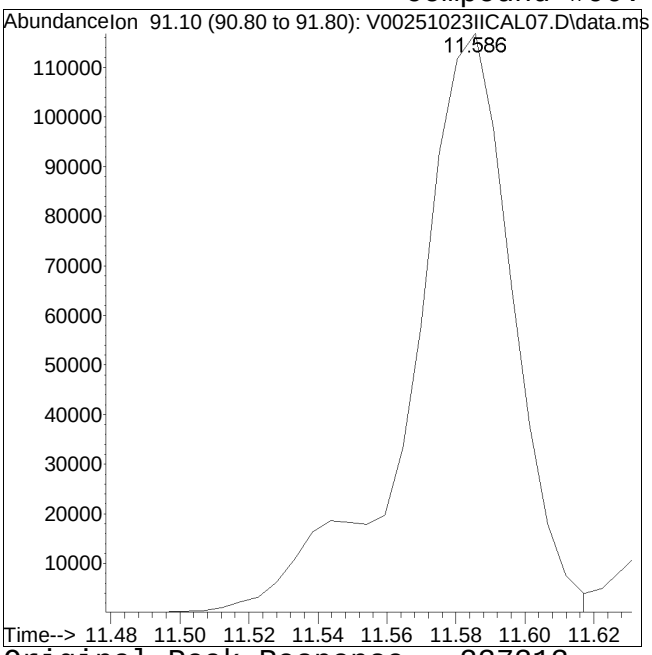
Original Peak Response = 41780 Manual Peak Response = 61393 M1

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

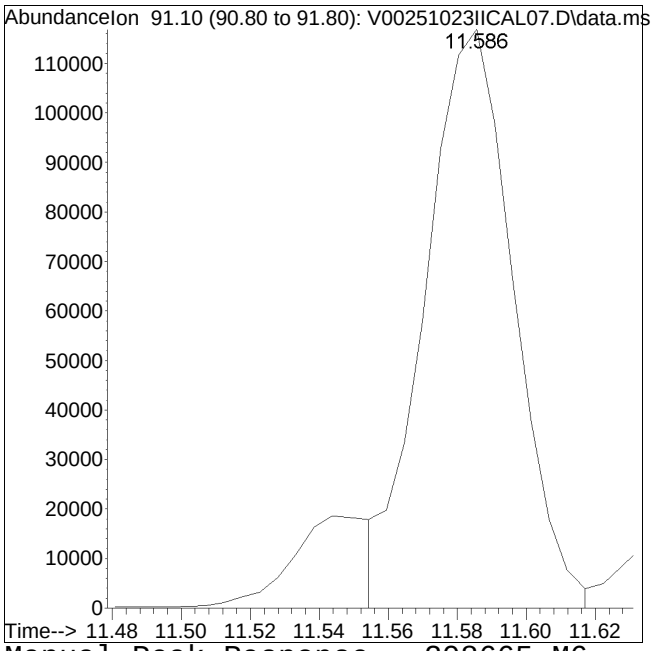
Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL07.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 5:20 pm Instrument : VOA100
Sample : I8260STD20PPB Quant Date : 10/24/2025 11:27 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 237313



Manual Peak Response = 208665 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL08.D
Acq On : 23 Oct 2025 05:46 pm
Operator : VOA100:AJK
Sample : I8260STD40PPB
Misc : WG2132450,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 24 11:26:12 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 17 10:12:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.233	96	258396	20.000 ug/L	0.00
Standard Area 1 = 258396			Recovery = 100.00%		
60) Chlorobenzene-d5	9.793	117	236531	20.000 ug/L	0.00
Standard Area 1 = 236531			Recovery = 100.00%		
80) 1,4-Dichlorobenzene-d4	12.461	152	141681	20.000 ug/L	0.00
Standard Area 1 = 141681			Recovery = 100.00%		
System Monitoring Compounds					
37) Dibromofluoromethane	5.409	113	75015	18.562 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.81%		
44) 1,2-Dichloroethane-d4	5.939	65	66673	18.849 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.25%		
61) Toluene-d8	7.942	98	287083	20.584 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.92%		
84) 4-Bromofluorobenzene	11.261	95	106095	19.714 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.57%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.787	85	164349	32.903 ug/L #	84
3) Chloromethane	2.017	50	160069	32.346 ug/L	96
4) Vinyl chloride	2.059	62	235109	42.955 ug/L	82
5) Bromomethane	2.384	94	249430	70.131 ug/L	100
6) Chloroethane	2.505	64	181389	49.039 ug/L	83
7) Trichlorofluoromethane	2.652	101	245649	35.642 ug/L	98
8) Ethyl ether	2.956	74	83885	33.563 ug/L	87
10) 1,1-Dichloroethene	3.155	96	136726	34.519 ug/L	80
11) Carbon disulfide	3.192	76	493227	35.137 ug/L	99
12) Freon-113	3.197	101	136565	34.744 ug/L	96
14) Acrolein	3.459	56	19578	31.088 ug/L	96
15) Methylene chloride	3.705	84	162686	31.911 ug/L	93
17) Acetone	3.732	43	71124	43.401 ug/L	93
18) trans-1,2-Dichloroethene	3.868	96	156197	34.207 ug/L	88
19) Methyl acetate	3.863	43	82925	34.845 ug/L #	85
20) Methyl tert-butyl ether	3.962	73	422064	33.881 ug/L	97
21) tert-Butyl alcohol	4.025	59	85782	188.268 ug/L	95
22) Diisopropyl ether	4.329	45	431172	33.944 ug/L	97
23) 1,1-Dichloroethane	4.450	63	270009	35.674 ug/L	99
24) Halothane	4.492	117	115890	32.621 ug/L	100
25) Acrylonitrile	4.476	53	43902	37.565 ug/L #	90

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL08.D
Acq On : 23 Oct 2025 05:46 pm
Operator : VOA100:AJK
Sample : I8260STD40PPB
Misc : WG2132450,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 24 11:26:12 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 17 10:12:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	407544	33.749	ug/L	#	78
27) Vinyl acetate	4.675	43	319767	39.329	ug/L		95
28) cis-1,2-Dichloroethene	4.974	96	172724	33.984	ug/L		88
29) 2,2-Dichloropropane	5.079	77	225387	33.884	ug/L		95
31) Bromochloromethane	5.163	128	86200	32.722	ug/L		100
32) Cyclohexane	5.189	56	224644	35.916	ug/L		93
33) Chloroform	5.236	83	285898	34.124	ug/L		99
34) Ethyl acetate	5.336	43	130501	34.842	ug/L	#	89
35) Carbon tetrachloride	5.388	117	225393	32.358	ug/L		98
36) Tetrahydrofuran	5.383	42	41579	33.071	ug/L		87
38) 1,1,1-Trichloroethane	5.446	97	235219	34.275	ug/L		95
40) 2-Butanone	5.514	43	56531	34.330	ug/L		99
41) 1,1-Dichloropropene	5.572	75	188491	35.934	ug/L		98
42) Benzene	5.818	78	588177	36.534	ug/L		99
43) tert-Amyl methyl ether	5.928	73	421539	34.184	ug/L		90
45) 1,2-Dichloroethane	6.007	62	182380	33.394	ug/L		99
48) Methyl cyclohexane	6.421	83	263765	38.226	ug/L		91
49) Trichloroethene	6.416	95	162992	34.851	ug/L		92
51) Dibromomethane	6.851	93	99408	32.518	ug/L		98
52) 1,2-Dichloropropane	6.956	63	148979	35.104	ug/L		98
54) 2-Chloroethyl vinyl ether	7.643	63	87619	39.878	ug/L	#	100
55) Bromodichloromethane	7.024	83	222721	34.917	ug/L		98
58) 1,4-Dioxane	7.229	88	65150	1786.843	ug/L	#	89
59) cis-1,3-Dichloropropene	7.722	75	251609	34.632	ug/L	#	90
62) Toluene	8.000	92	373372	34.654	ug/L		99
63) 4-Methyl-2-pentanone	8.408	58	49516	36.898	ug/L	#	56
64) Tetrachloroethene	8.461	166	164001	32.588	ug/L		97
66) trans-1,3-Dichloropropene	8.466	75	229080	35.376	ug/L		95
68) Ethyl methacrylate	8.660	69	184657	34.685	ug/L		92
69) 1,1,2-Trichloroethane	8.655	83	113843	36.280	ug/L		99
70) Chlorodibromomethane	8.875	129	182092	33.278	ug/L		99
71) 1,3-Dichloropropane	8.980	76	220454	34.879	ug/L		98
72) 1,2-Dibromoethane	9.158	107	137547	34.291	ug/L		99
73) 2-Hexanone	9.426	43	97197	36.923	ug/L	#	82
74) Chlorobenzene	9.814	112	457765	34.895	ug/L		94
75) Ethylbenzene	9.856	91	748167	35.847	ug/L		98
76) 1,1,1,2-Tetrachloroethane	9.897	131	170124	33.419	ug/L		99
77) p/m Xylene	10.050	106	600139	72.553	ug/L		95
78) o Xylene	10.574	106	599970	71.684	ug/L		95
79) Styrene	10.632	104	1056462	73.292	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL08.D
Acq On : 23 Oct 2025 05:46 pm
Operator : VOA100:AJK
Sample : I8260STD40PPB
Misc : WG2132450,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 24 11:26:12 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 17 10:12:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.652	173	135204	33.074	ug/L	99
83) Isopropylbenzene	10.951	105	783278	37.311	ug/L	98
85) Bromobenzene	11.376	156	196964	32.560	ug/L	99
86) n-Propylbenzene	11.423	91	931362	39.055	ug/L	97
87) 1,4-Dichlorobutane	11.423	55	219724	36.267	ug/L	98
88) 1,1,2,2-Tetrachloroethane	11.486	83	202826	40.182	ug/L	97
89) 4-Ethyltoluene	11.544	105	767336	37.405	ug/L	98
90) 2-Chlorotoluene	11.586	91	531998M6	36.424	ug/L	
91) 1,3,5-Trimethylbenzene	11.643	105	660632	36.681	ug/L	96
92) 1,2,3-Trichloropropane	11.628	75	150673	37.943	ug/L	94
93) trans-1,4-Dichloro-2-b...	11.675	53	52856	38.934	ug/L	87
94) 4-Chlorotoluene	11.764	91	553903	36.796	ug/L	95
95) tert-Butylbenzene	11.979	119	595028	37.559	ug/L	93
98) 1,2,4-Trimethylbenzene	12.052	105	658923	36.981	ug/L	97
99) sec-Butylbenzene	12.168	105	894598	39.126	ug/L	99
100) p-Isopropyltoluene	12.320	119	782113	38.554	ug/L	97
101) 1,3-Dichlorobenzene	12.383	146	406989	34.620	ug/L	99
102) 1,4-Dichlorobenzene	12.477	146	411241	34.658	ug/L	98
103) p-Diethylbenzene	12.692	119	467408	39.001	ug/L	96
104) n-Butylbenzene	12.750	91	690276	41.716	ug/L	98
105) 1,2-Dichlorobenzene	12.897	146	381617	34.068	ug/L	98
106) 1,2,4,5-Tetramethylben...	13.478	119	705182	38.883	ug/L	99
107) 1,2-Dibromo-3-chloropr...	13.667	155	38103	35.299	ug/L	95
108) 1,3,5-Trichlorobenzene	13.709	180	280604	33.690	ug/L	99
109) Hexachlorobutadiene	14.286	225	119268	30.766	ug/L	97
110) 1,2,4-Trichlorobenzene	14.307	180	246791	33.609	ug/L	99
111) Naphthalene	14.595	128	604238	37.619	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	225425	33.041	ug/L	99

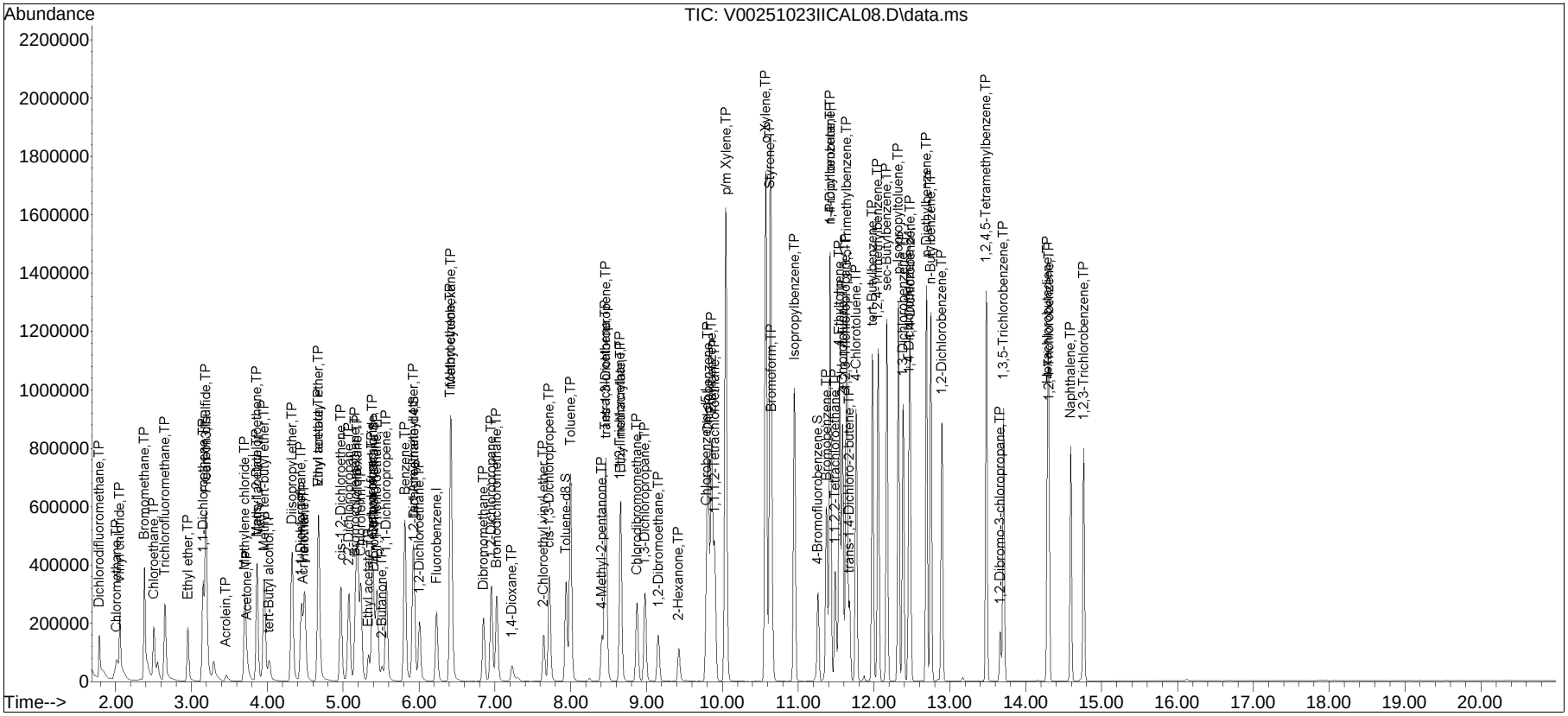
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL08.D
Acq On : 23 Oct 2025 05:46 pm
Operator : VOA100:AJK
Sample : I8260STD40PPB
Misc : WG2132450,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 24 11:26:12 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 17 10:12:00 2025
Response via : Initial Calibration

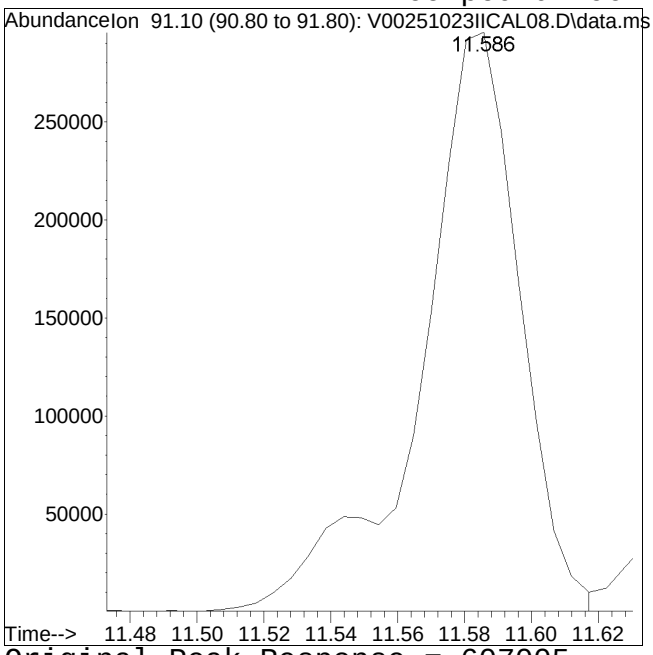
Sub List : 8260-CurveSoil - Megamix plus Diox51023IICAL08.D•



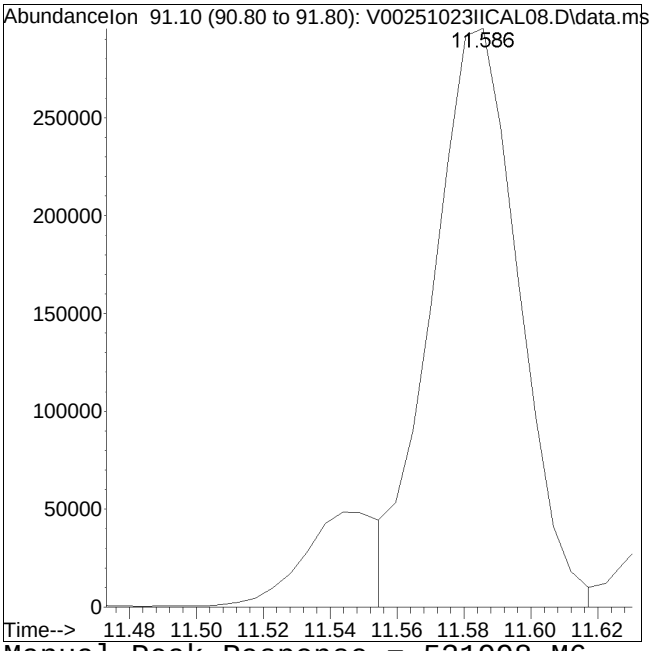
Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL08.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 5:46 pm Instrument : VOA100
Sample : I8260STD40PPB Quant Date : 10/24/2025 11:25 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 607005



Manual Peak Response = 531998 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL09.D
Acq On : 23 Oct 2025 06:12 pm
Operator : VOA100:AJK
Sample : I8260STD100PPB
Misc : WG2132450,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 24 11:36:05 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.233	96	275376	20.000	ug/L	0.00
Standard Area 1 = 258396			Recovery = 106.57%			
60) Chlorobenzene-d5	9.793	117	254786	20.000	ug/L	0.00
Standard Area 1 = 236531			Recovery = 107.72%			
80) 1,4-Dichlorobenzene-d4	12.461	152	156741	20.000	ug/L	0.00
Standard Area 1 = 141681			Recovery = 110.63%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	81012	20.267	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.33%			
44) 1,2-Dichloroethane-d4	5.939	65	73713	20.748	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.74%			
61) Toluene-d8	7.942	98	308180	19.931	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.66%			
84) 4-Bromofluorobenzene	11.261	95	115196	19.629	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.15%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.787	85	397148M1	90.700	ug/L	
3) Chloromethane	2.017	50	391808	91.873	ug/L	96
4) Vinyl chloride	2.059	62	567886	90.659	ug/L	83
5) Bromomethane	2.379	94	573528	86.303	ug/L	99
6) Chloroethane	2.500	64	461638	95.524	ug/L	84
7) Trichlorofluoromethane	2.646	101	678014	103.596	ug/L	98
8) Ethyl ether	2.956	74	216408	96.830	ug/L	88
10) 1,1-Dichloroethene	3.155	96	342716	94.081	ug/L	79
11) Carbon disulfide	3.186	76	1194597	90.906	ug/L	99
12) Freon-113	3.192	101	339474	93.301	ug/L	97
14) Acrolein	3.454	56	52608	100.856	ug/L	91
15) Methylene chloride	3.705	84	400940	92.502	ug/L	93
17) Acetone	3.732	43	172494	91.029	ug/L	94
18) trans-1,2-Dichloroethene	3.868	96	397671	95.559	ug/L	87
19) Methyl acetate	3.858	43	215123	97.369	ug/L #	85
20) Methyl tert-butyl ether	3.962	73	1120367	99.633	ug/L	97
21) tert-Butyl alcohol	4.025	59	208118	455.306	ug/L	94
22) Diisopropyl ether	4.329	45	1150683	100.167	ug/L	96
23) 1,1-Dichloroethane	4.450	63	685296	95.262	ug/L	98
24) Halothane	4.492	117	302381	97.933	ug/L	99
25) Acrylonitrile	4.471	53	112745	96.390	ug/L #	91

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL09.D
Acq On : 23 Oct 2025 06:12 pm
Operator : VOA100:AJK
Sample : I8260STD100PPB
Misc : WG2132450,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 24 11:36:05 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.681	59	1075985	99.095	ug/L	#	74
27) Vinyl acetate	4.675	43	912025	107.052	ug/L		96
28) cis-1,2-Dichloroethene	4.969	96	447387	97.219	ug/L		88
29) 2,2-Dichloropropane	5.079	77	576428	95.992	ug/L		94
31) Bromochloromethane	5.163	128	218707	95.230	ug/L		97
32) Cyclohexane	5.195	56	560546	93.656	ug/L		90
33) Chloroform	5.236	83	747669	98.156	ug/L		99
34) Ethyl acetate	5.336	43	341306	98.163	ug/L	#	89
35) Carbon tetrachloride	5.389	117	583049	97.092	ug/L		99
36) Tetrahydrofuran	5.389	42	109791	99.109	ug/L	#	84
38) 1,1,1-Trichloroethane	5.451	97	595928	95.091	ug/L		96
40) 2-Butanone	5.509	43	151107	100.327	ug/L		98
41) 1,1-Dichloropropene	5.572	75	484068	96.391	ug/L		97
42) Benzene	5.813	78	1509184	96.306	ug/L		99
43) tert-Amyl methyl ether	5.929	73	1122964	99.988	ug/L		90
45) 1,2-Dichloroethane	6.007	62	473102	97.364	ug/L		98
48) Methyl cyclohexane	6.421	83	670794	95.453	ug/L		92
49) Trichloroethene	6.416	95	417221	96.077	ug/L		92
51) Dibromomethane	6.851	93	261121	98.592	ug/L		97
52) 1,2-Dichloropropane	6.956	63	389877	98.225	ug/L		98
54) 2-Chloroethyl vinyl ether	7.643	63	230250	98.633	ug/L	#	100
55) Bromodichloromethane	7.024	83	584838	98.559	ug/L		99
58) 1,4-Dioxane	7.229	88	178098	5130.200	ug/L	#	89
59) cis-1,3-Dichloropropene	7.722	75	667722	99.607	ug/L	#	90
62) Toluene	8.000	92	984388	97.903	ug/L		99
63) 4-Methyl-2-pentanone	8.414	58	130536	97.894	ug/L	#	59
64) Tetrachloroethene	8.461	166	427485	96.794	ug/L		97
66) trans-1,3-Dichloropropene	8.466	75	607456	98.469	ug/L		95
68) Ethyl methacrylate	8.660	69	485362	97.605	ug/L		93
69) 1,1,2-Trichloroethane	8.655	83	305119	99.526	ug/L		100
70) Chlorodibromomethane	8.875	129	486837	99.281	ug/L		100
71) 1,3-Dichloropropane	8.980	76	582760	98.162	ug/L		100
72) 1,2-Dibromoethane	9.153	107	372311	100.514	ug/L		99
73) 2-Hexanone	9.426	43	246776	94.281	ug/L	#	82
74) Chlorobenzene	9.814	112	1212749	98.379	ug/L		94
75) Ethylbenzene	9.861	91	1988249	98.684	ug/L		98
76) 1,1,1,2-Tetrachloroethane	9.898	131	464317	101.349	ug/L		99
77) p/m Xylene	10.044	106	1586699	196.356	ug/L		96
78) o Xylene	10.574	106	1603040	198.435	ug/L		94
79) Styrene	10.637	104	2850772	200.406	ug/L		95

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL09.D
Acq On : 23 Oct 2025 06:12 pm
Operator : VOA100:AJK
Sample : I8260STD100PPB
Misc : WG2132450,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 24 11:36:05 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.653	173	371481	99.343	ug/L	99
83) Isopropylbenzene	10.951	105	2085179	96.253	ug/L	97
85) Bromobenzene	11.376	156	535122	98.232	ug/L	100
86) n-Propylbenzene	11.423	91	2433151	94.458	ug/L	97
87) 1,4-Dichlorobutane	11.423	55	569356	93.690	ug/L	99
88) 1,1,2,2-Tetrachloroethane	11.491	83	518337	92.401	ug/L	97
89) 4-Ethyltoluene	11.544	105	2020247	95.194	ug/L	98
90) 2-Chlorotoluene	11.586	91	1402053M6	95.289	ug/L	
91) 1,3,5-Trimethylbenzene	11.643	105	1702792	93.195	ug/L	96
92) 1,2,3-Trichloropropane	11.628	75	387911	93.086	ug/L	93
93) trans-1,4-Dichloro-2-b...	11.680	53	142323	97.358	ug/L	90
94) 4-Chlorotoluene	11.764	91	1431549	93.446	ug/L	93
95) tert-Butylbenzene	11.979	119	1554351	94.450	ug/L	93
98) 1,2,4-Trimethylbenzene	12.058	105	1708759	93.764	ug/L	97
99) sec-Butylbenzene	12.168	105	2329378	94.146	ug/L	99
100) p-Isopropyltoluene	12.320	119	2035562	94.103	ug/L	98
101) 1,3-Dichlorobenzene	12.388	146	1066493	94.747	ug/L	99
102) 1,4-Dichlorobenzene	12.477	146	1055954	92.841	ug/L	98
103) p-Diethylbenzene	12.692	119	1206912	93.362	ug/L	95
104) n-Butylbenzene	12.750	91	1764432	92.421	ug/L	98
105) 1,2-Dichlorobenzene	12.897	146	990507	93.847	ug/L	98
106) 1,2,4,5-Tetramethylben...	13.479	119	1845825	94.641	ug/L	99
107) 1,2-Dibromo-3-chloropr...	13.667	155	95240	90.375	ug/L	94
108) 1,3,5-Trichlorobenzene	13.709	180	734941	94.699	ug/L	99
109) Hexachlorobutadiene	14.286	225	307236	93.140	ug/L	97
110) 1,2,4-Trichlorobenzene	14.302	180	628304	92.051	ug/L	99
111) Naphthalene	14.595	128	1546806	92.559	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	592985	95.111	ug/L	99

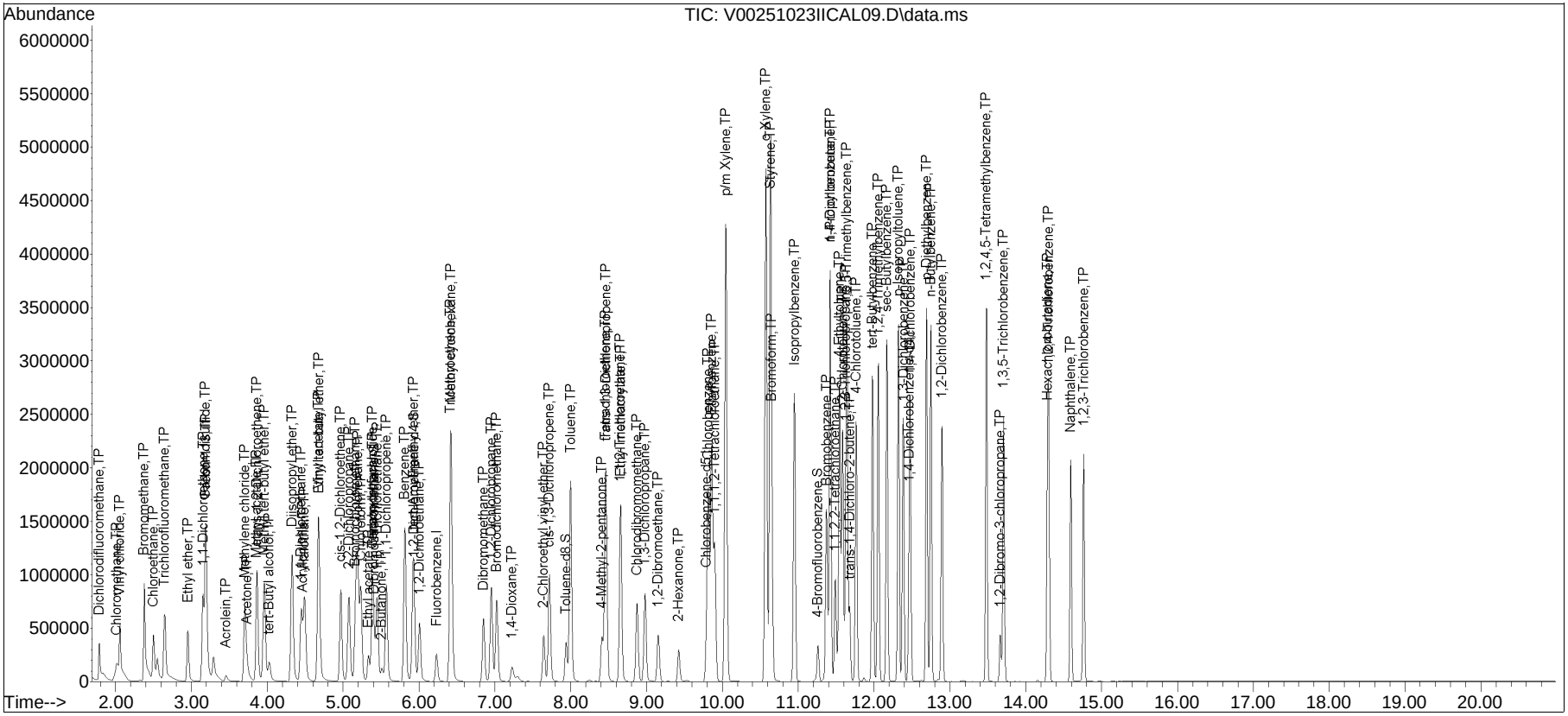
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL09.D
Acq On : 23 Oct 2025 06:12 pm
Operator : VOA100:AJK
Sample : I8260STD100PPB
Misc : WG2132450,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 24 11:36:05 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

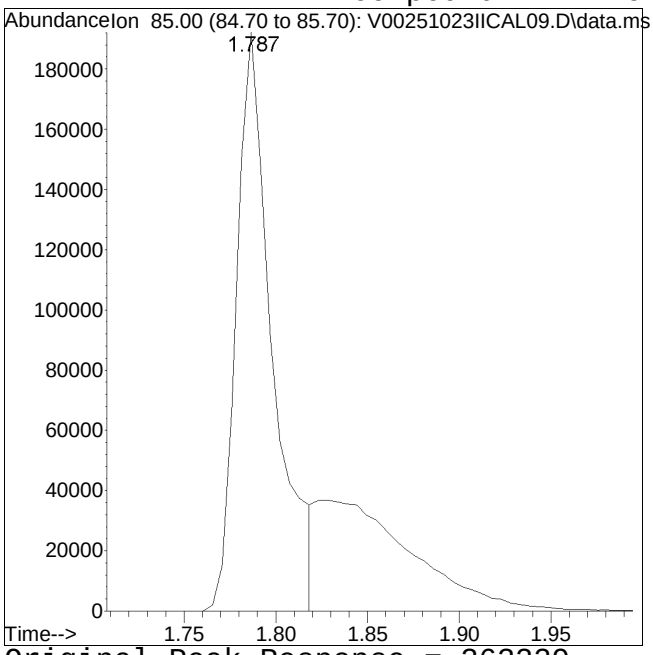
Sub List : 8260-CurveSoil - Megamix plus Diox51023IICAL08.D•

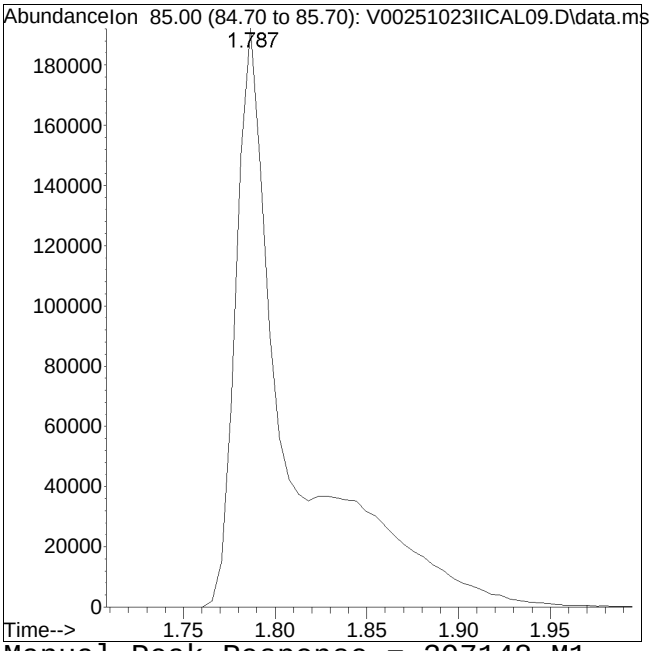


Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL09.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 6:12 pm Instrument : VOA100
Sample : I8260STD100PPB Quant Date : 10/24/2025 11:27 am

Compound #2: Dichlorodifluoromethane



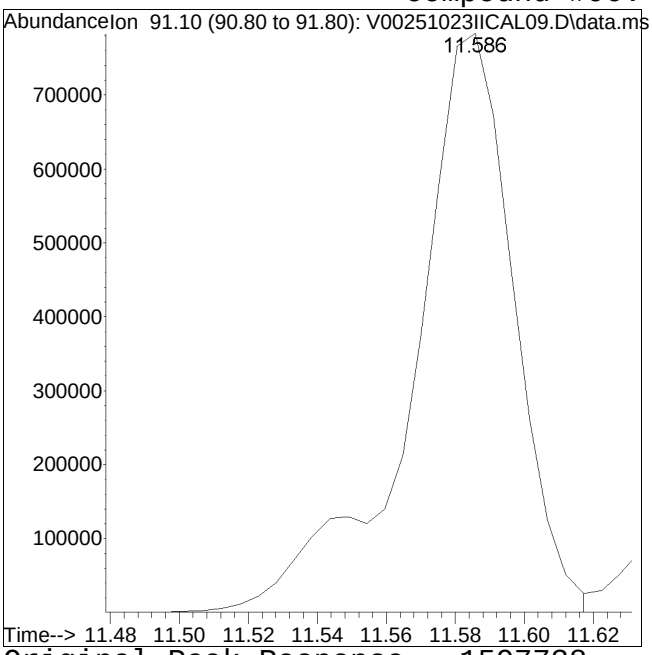


Original Peak Response = 263229 Manual Peak Response = 397148 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

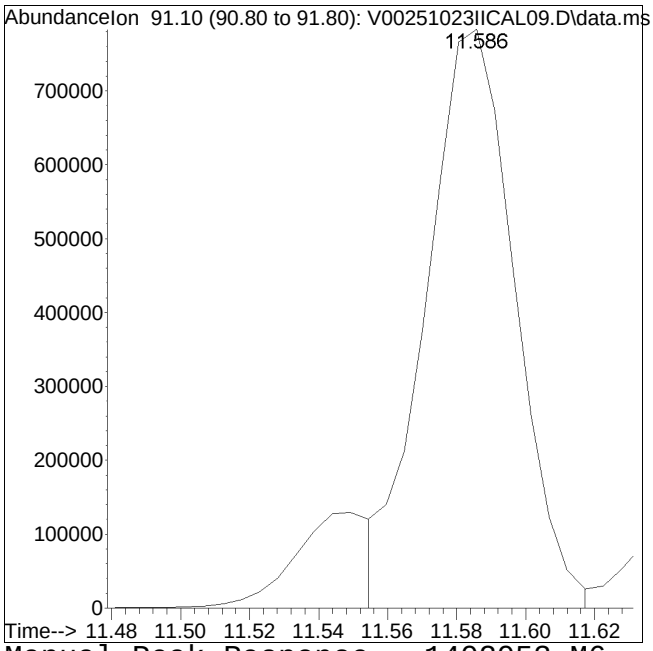
Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL09.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 6:12 pm Instrument : VOA100
Sample : I8260STD100PPB Quant Date : 10/24/2025 11:27 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 1597738



Manual Peak Response = 1402053 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL10.D
Acq On : 23 Oct 2025 06:38 pm
Operator : VOA100:AJK
Sample : I8260STD200PPB
Misc : WG2132450,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 24 11:36:53 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.233	96	291006	20.000 ug/L	0.00
Standard Area 1 = 258396			Recovery = 112.62%		
60) Chlorobenzene-d5	9.793	117	270095	20.000 ug/L	0.00
Standard Area 1 = 236531			Recovery = 114.19%		
80) 1,4-Dichlorobenzene-d4	12.461	152	153460	20.000 ug/L	0.00
Standard Area 1 = 141681			Recovery = 108.31%		
System Monitoring Compounds					
37) Dibromofluoromethane	5.409	113	85657	20.278 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.39%		
44) 1,2-Dichloroethane-d4	5.939	65	82398	21.947 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 109.74%		
61) Toluene-d8	7.942	98	321520	19.616 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.08%		
84) 4-Bromofluorobenzene	11.261	95	116354	20.250 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.25%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.787	85	875145M1	189.128 ug/L	
3) Chloromethane	2.022	50	842669	186.979 ug/L	96
4) Vinyl chloride	2.059	62	1191177	179.950 ug/L	83
5) Bromomethane	2.379	94	1202128	171.177 ug/L	100
6) Chloroethane	2.494	64	1009511	197.671 ug/L	85
7) Trichlorofluoromethane	2.646	101	1677185M1	242.499 ug/L	
8) Ethyl ether	2.956	74	494380	209.325 ug/L	86
10) 1,1-Dichloroethene	3.150	96	760516	197.561 ug/L	79
11) Carbon disulfide	3.186	76	2637548	189.932 ug/L	99
12) Freon-113	3.192	101	778797	202.548 ug/L	94
14) Acrolein	3.459	56	113574	206.041 ug/L	92
15) Methylene chloride	3.705	84	882880	192.750 ug/L	94
17) Acetone	3.732	43	371376	185.456 ug/L	94
18) trans-1,2-Dichloroethene	3.863	96	890816	202.563 ug/L	87
19) Methyl acetate	3.858	43	485990	208.154 ug/L #	85
20) Methyl tert-butyl ether	3.962	73	2504235	210.737 ug/L	97
21) tert-Butyl alcohol	4.031	59	451293	934.278 ug/L	96
22) Diisopropyl ether	4.329	45	2557487	210.672 ug/L	97
23) 1,1-Dichloroethane	4.450	63	1508312	198.407 ug/L	98
24) Halothane	4.497	117	665872	204.074 ug/L	100
25) Acrylonitrile	4.471	53	247134	199.936 ug/L #	91

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL10.D
Acq On : 23 Oct 2025 06:38 pm
Operator : VOA100:AJK
Sample : I8260STD200PPB
Misc : WG2132450,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 24 11:36:53 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.681	59	2451713	213.668	ug/L	#	73
27) Vinyl acetate	4.675	43	2081931	231.247	ug/L		96
28) cis-1,2-Dichloroethene	4.969	96	983007	202.138	ug/L		89
29) 2,2-Dichloropropane	5.079	77	1287898	202.953	ug/L		95
31) Bromochloromethane	5.163	128	473179	194.967	ug/L		97
32) Cyclohexane	5.189	56	1295445	204.818	ug/L		91
33) Chloroform	5.236	83	1622308	201.542	ug/L		99
34) Ethyl acetate	5.336	43	758038	206.310	ug/L	#	90
35) Carbon tetrachloride	5.388	117	1293906	203.895	ug/L		99
36) Tetrahydrofuran	5.383	42	234564	200.369	ug/L		90
38) 1,1,1-Trichloroethane	5.451	97	1311072	197.969	ug/L		96
40) 2-Butanone	5.509	43	324293	203.749	ug/L		96
41) 1,1-Dichloropropene	5.572	75	1074963	202.557	ug/L		97
42) Benzene	5.818	78	3356643	202.694	ug/L		99
43) tert-Amyl methyl ether	5.929	73	2505047	211.068	ug/L		90
45) 1,2-Dichloroethane	6.007	62	1039614	202.460	ug/L		98
48) Methyl cyclohexane	6.427	83	1580300	212.797	ug/L		91
49) Trichloroethene	6.416	95	957469	208.642	ug/L		92
51) Dibromomethane	6.851	93	575348	205.567	ug/L		96
52) 1,2-Dichloropropane	6.956	63	862062	205.522	ug/L		97
54) 2-Chloroethyl vinyl ether	7.648	63	500037	202.697	ug/L	#	100
55) Bromodichloromethane	7.024	83	1274478	203.243	ug/L		99
58) 1,4-Dioxane	7.234	88	352162	9599.352	ug/L	#	90
59) cis-1,3-Dichloropropene	7.722	75	1474986	208.212	ug/L	#	90
62) Toluene	8.000	92	2205483	206.916	ug/L		100
63) 4-Methyl-2-pentanone	8.414	58	284841	201.506	ug/L	#	58
64) Tetrachloroethene	8.461	166	1010133	215.756	ug/L		96
66) trans-1,3-Dichloropropene	8.466	75	1382376	211.383	ug/L		95
68) Ethyl methacrylate	8.660	69	1084663	205.760	ug/L		93
69) 1,1,2-Trichloroethane	8.660	83	678061	208.638	ug/L		100
70) Chlorodibromomethane	8.875	129	1082597	208.261	ug/L		100
71) 1,3-Dichloropropane	8.980	76	1282887	203.846	ug/L		99
72) 1,2-Dibromoethane	9.158	107	830707	211.557	ug/L		99
73) 2-Hexanone	9.426	43	529871	190.963	ug/L	#	83
74) Chlorobenzene	9.819	112	2695175	206.241	ug/L		94
75) Ethylbenzene	9.861	91	4405511	206.267	ug/L		98
76) 1,1,1,2-Tetrachloroethane	9.898	131	1025355	211.125	ug/L		99
77) p/m Xylene	10.050	106	3758064	438.706	ug/L		94
78) o Xylene	10.574	106	3843963	448.860	ug/L		93
79) Styrene	10.637	104	6718442	445.529	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL10.D
Acq On : 23 Oct 2025 06:38 pm
Operator : VOA100:AJK
Sample : I8260STD200PPB
Misc : WG2132450,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 24 11:36:53 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.658	173	852284	232.794	ug/L	99
83) Isopropylbenzene	10.951	105	4591204	216.465	ug/L	97
85) Bromobenzene	11.376	156	1160229	217.537	ug/L	99
86) n-Propylbenzene	11.423	91	5646600	223.895	ug/L	96
87) 1,4-Dichlorobutane	11.423	55	1303425	219.071	ug/L	100
88) 1,1,2,2-Tetrachloroethane	11.491	83	1108265	201.788	ug/L	97
89) 4-Ethyltoluene	11.549	105	4403893	211.947	ug/L	97
90) 2-Chlorotoluene	11.586	91	2946382M6	204.529	ug/L	
91) 1,3,5-Trimethylbenzene	11.643	105	3814931	213.257	ug/L	95
92) 1,2,3-Trichloropropane	11.633	75	868677	212.912	ug/L	94
93) trans-1,4-Dichloro-2-b...	11.680	53	297324	207.736	ug/L	91
94) 4-Chlorotoluene	11.764	91	3082687	205.529	ug/L	94
95) tert-Butylbenzene	11.979	119	3463217	214.941	ug/L	93
98) 1,2,4-Trimethylbenzene	12.058	105	3714114	208.160	ug/L	96
99) sec-Butylbenzene	12.173	105	5092784	210.234	ug/L	98
100) p-Isopropyltoluene	12.325	119	4508707	212.892	ug/L	98
101) 1,3-Dichlorobenzene	12.388	146	2264045	205.437	ug/L	98
102) 1,4-Dichlorobenzene	12.477	146	2258085	202.778	ug/L	98
103) p-Diethylbenzene	12.692	119	2653844	209.679	ug/L	96
104) n-Butylbenzene	12.750	91	3807523	203.702	ug/L	98
105) 1,2-Dichlorobenzene	12.897	146	2109587	204.148	ug/L	98
106) 1,2,4,5-Tetramethylben...	13.484	119	4019556	210.501	ug/L	99
107) 1,2-Dibromo-3-chloropr...	13.667	155	201089	194.897	ug/L	95
108) 1,3,5-Trichlorobenzene	13.709	180	1560312	205.350	ug/L	98
109) Hexachlorobutadiene	14.291	225	743282	230.147	ug/L	98
110) 1,2,4-Trichlorobenzene	14.302	180	1427230	213.570	ug/L	98
111) Naphthalene	14.595	128	3351530	204.838	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	1264073	207.084	ug/L	99

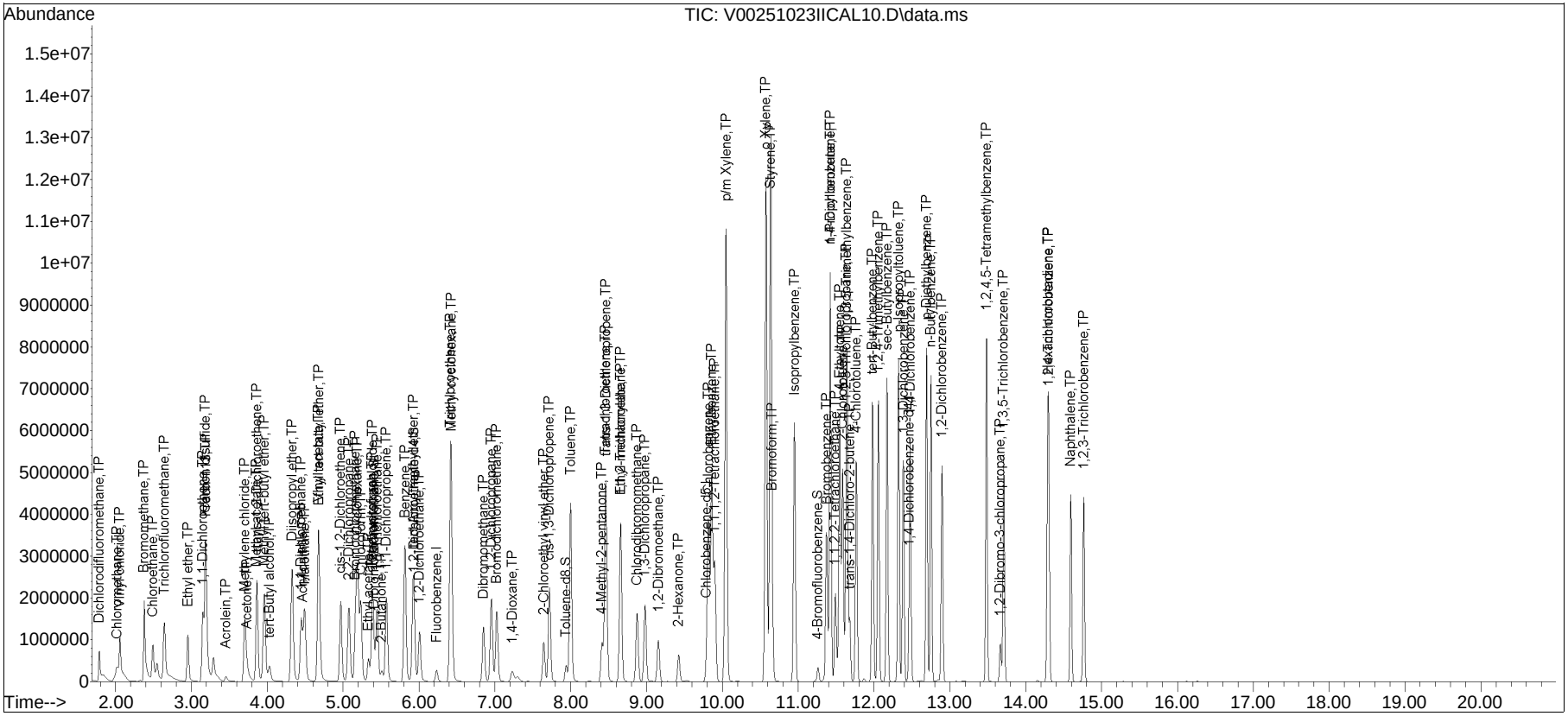
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL10.D
Acq On : 23 Oct 2025 06:38 pm
Operator : VOA100:AJK
Sample : I8260STD200PPB
Misc : WG2132450,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 24 11:36:53 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

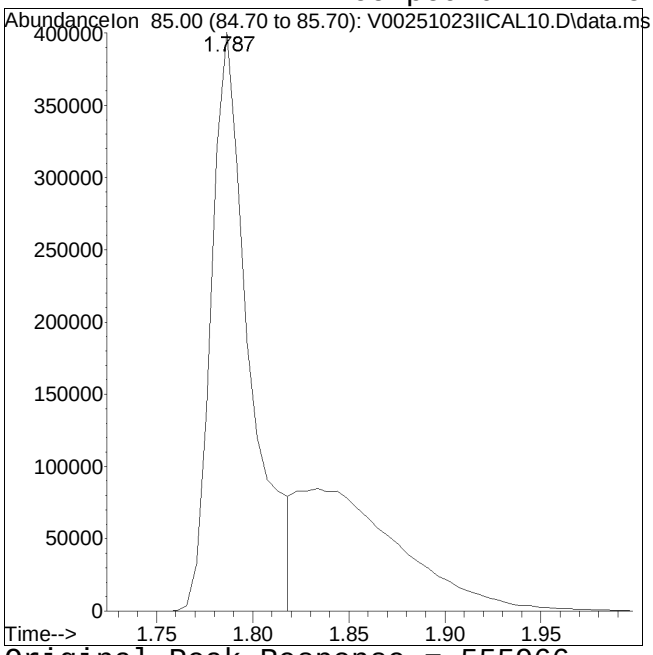
Sub List : 8260-CurveSoil - Megamix plus Diox51023IICAL08.D•

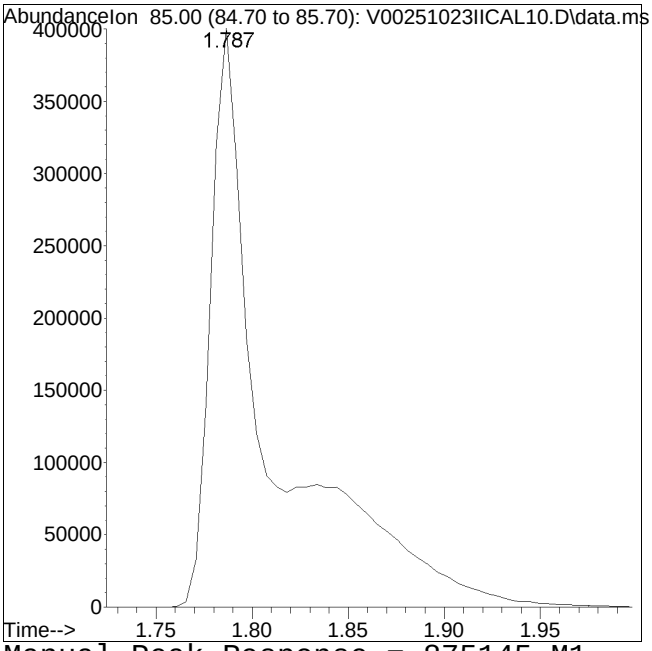


Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL10.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 6:38 pm Instrument : VOA100
Sample : I8260STD200PPB Quant Date : 10/24/2025 11:27 am

Compound #2: Dichlorodifluoromethane



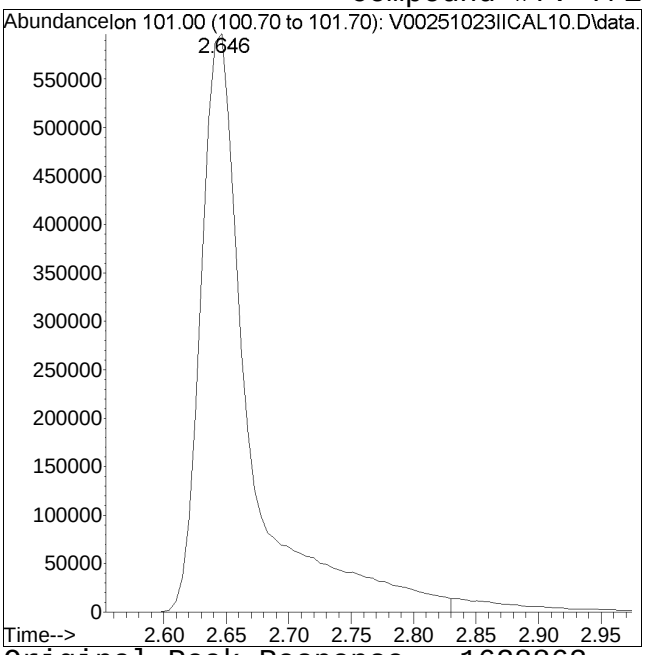


Original Peak Response = 555966 Manual Peak Response = 875145 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

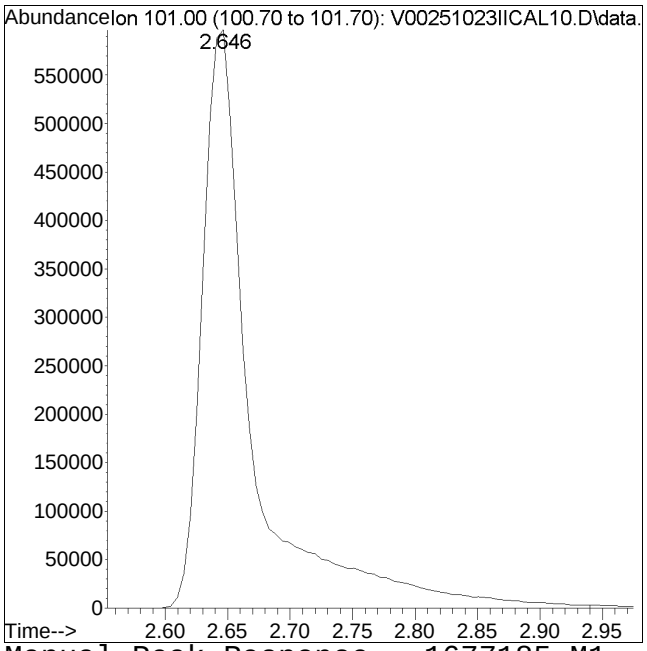
Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL10.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 6:38 pm Instrument : VOA100
Sample : I8260STD200PPB Quant Date : 10/24/2025 11:27 am

Compound #7: Trichlorofluoromethane



Original Peak Response = 1628863



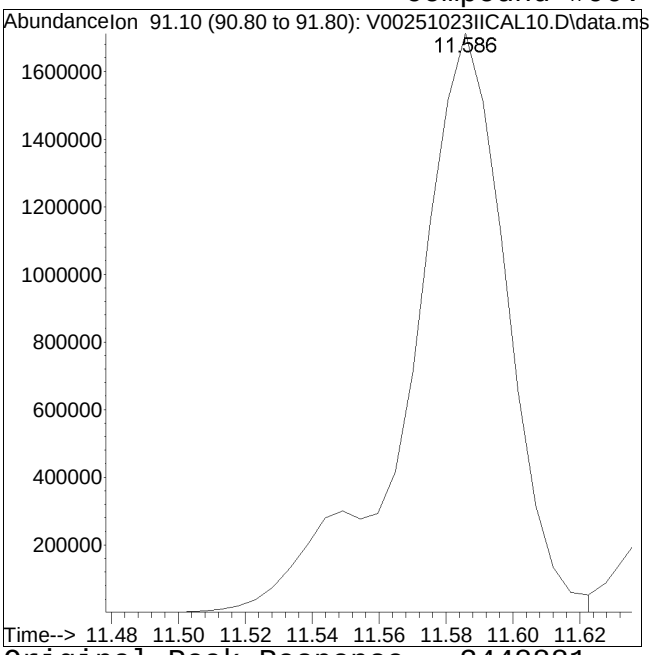
Manual Peak Response = 1677185 M1

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

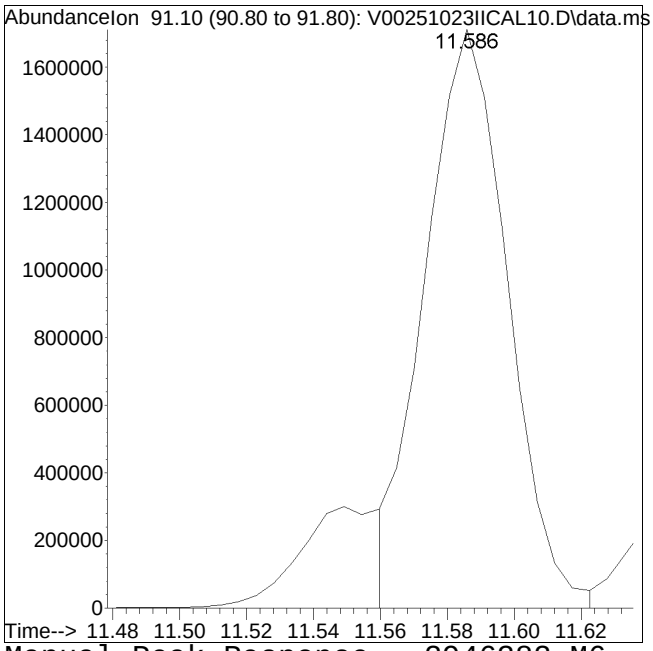
Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL10.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 6:38 pm Instrument : VOA100
Sample : I8260STD200PPB Quant Date : 10/24/2025 11:27 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 3448881



Manual Peak Response = 2946382 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL11.D
Acq On : 23 Oct 2025 07:04 pm
Operator : VOA100:AJK
Sample : I8260STD300PPB
Misc : WG2132450,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 24 11:37:36 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.233	96	302778	20.000 ug/L	0.00
Standard Area 1 = 258396			Recovery = 117.18%		
60) Chlorobenzene-d5	9.798	117	284005	20.000 ug/L	0.00
Standard Area 1 = 236531			Recovery = 120.07%		
80) 1,4-Dichlorobenzene-d4	12.461	152	160827	20.000 ug/L	0.00
Standard Area 1 = 141681			Recovery = 113.51%		
System Monitoring Compounds					
37) Dibromofluoromethane	5.415	113	90039	20.487 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.43%		
44) 1,2-Dichloroethane-d4	5.939	65	88808	22.735 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 113.68%		
61) Toluene-d8	7.942	98	336282	19.511 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.55%		
84) 4-Bromofluorobenzene	11.261	95	118896	19.745 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.73%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.786	85	1382230M1	287.101 ug/L	
3) Chloromethane	2.017	50	1307497	278.840 ug/L	97
4) Vinyl chloride	2.059	62	1850368	268.665 ug/L	83
5) Bromomethane	2.379	94	1867264	255.552 ug/L	100
6) Chloroethane	2.479	64	1398465	263.186 ug/L	87
7) Trichlorofluoromethane	2.636	101	2853619M1	396.554 ug/L	
8) Ethyl ether	2.956	74	802478	326.565 ug/L	87
10) 1,1-Dichloroethene	3.150	96	1229547	306.984 ug/L	78
11) Carbon disulfide	3.181	76	4296064	297.335 ug/L	99
12) Freon-113	3.186	101	1284702	321.133 ug/L	92
14) Acrolein	3.454	56	191063	333.142 ug/L	92
15) Methylene chloride	3.705	84	1407198	295.275 ug/L	94
17) Acetone	3.732	43	619505	297.338 ug/L	94
18) trans-1,2-Dichloroethene	3.863	96	1435725	313.776 ug/L	87
19) Methyl acetate	3.857	43	793812	326.779 ug/L #	85
20) Methyl tert-butyl ether	3.962	73	4034091	326.279 ug/L	97
21) tert-Butyl alcohol	4.036	59	728362	1449.248 ug/L	96
22) Diisopropyl ether	4.329	45	4095776	324.270 ug/L	97
23) 1,1-Dichloroethane	4.450	63	2376344	300.436 ug/L	98
24) Halothane	4.492	117	1078217	317.601 ug/L	99
25) Acrylonitrile	4.471	53	405071	314.969 ug/L #	91

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL11.D
Acq On : 23 Oct 2025 07:04 pm
Operator : VOA100:AJK
Sample : I8260STD300PPB
Misc : WG2132450,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 24 11:37:36 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.681	59	4040358	338.428	ug/L	#	73
27) Vinyl acetate	4.675	43	3457197	369.073	ug/L		96
28) cis-1,2-Dichloroethene	4.969	96	1566215	309.542	ug/L		89
29) 2,2-Dichloropropane	5.074	77	2047612	310.127	ug/L		95
31) Bromochloromethane	5.163	128	764444	302.733	ug/L		95
32) Cyclohexane	5.194	56	2073003	315.012	ug/L		90
33) Chloroform	5.236	83	2596407	310.015	ug/L		99
34) Ethyl acetate	5.336	43	1238684	324.017	ug/L	#	90
35) Carbon tetrachloride	5.388	117	2100471	318.125	ug/L		99
36) Tetrahydrofuran	5.383	42	384256	315.477	ug/L		90
38) 1,1,1-Trichloroethane	5.446	97	2092334	303.655	ug/L		96
40) 2-Butanone	5.509	43	535397	323.304	ug/L		97
41) 1,1-Dichloropropene	5.572	75	1707466	309.231	ug/L		97
42) Benzene	5.813	78	5387332	312.671	ug/L		100
43) tert-Amyl methyl ether	5.928	73	4039230	327.101	ug/L		90
45) 1,2-Dichloroethane	6.007	62	1658936	310.509	ug/L		98
48) Methyl cyclohexane	6.421	83	2676866	346.442	ug/L		90
49) Trichloroethene	6.421	95	1653390	346.282	ug/L		92
51) Dibromomethane	6.851	93	930930	319.681	ug/L		97
52) 1,2-Dichloropropane	6.956	63	1383578	317.030	ug/L		98
54) 2-Chloroethyl vinyl ether	7.648	63	803349	312.988	ug/L	#	100
55) Bromodichloromethane	7.024	83	2039049	312.527	ug/L		99
58) 1,4-Dioxane	7.234	88	573243	15018.128	ug/L	#	89
59) cis-1,3-Dichloropropene	7.722	75	2370315	321.589	ug/L	#	90
62) Toluene	7.999	92	3599088	321.124	ug/L		99
63) 4-Methyl-2-pentanone	8.414	58	467928	314.815	ug/L	#	57
64) Tetrachloroethene	8.461	166	1752763	356.040	ug/L		96
66) trans-1,3-Dichloropropene	8.471	75	2328277	338.586	ug/L		95
68) Ethyl methacrylate	8.660	69	1809249	326.403	ug/L		93
69) 1,1,2-Trichloroethane	8.660	83	1129485	330.519	ug/L		100
70) Chlorodibromomethane	8.880	129	1747198	319.649	ug/L		100
71) 1,3-Dichloropropane	8.985	76	2060143	311.316	ug/L		99
72) 1,2-Dibromoethane	9.158	107	1339998	324.545	ug/L		99
73) 2-Hexanone	9.426	43	864138	296.178	ug/L	#	83
74) Chlorobenzene	9.819	112	4366308	317.756	ug/L	#	85
75) Ethylbenzene	9.861	91	7161554	318.883	ug/L		97
76) 1,1,1,2-Tetrachloroethane	9.903	131	1656409	324.358	ug/L		99
77) p/m Xylene	10.050	106	6512805	723.050	ug/L		91
78) o Xylene	10.579	106	6565725	729.130	ug/L		90
79) Styrene	10.642	104	11530222	727.170	ug/L		98

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL11.D
Acq On : 23 Oct 2025 07:04 pm
Operator : VOA100:AJK
Sample : I8260STD300PPB
Misc : WG2132450,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 24 11:37:36 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.658	173	1486873	387.523	ug/L	99
83) Isopropylbenzene	10.951	105	7463920	335.787	ug/L	96
85) Bromobenzene	11.376	156	1883092	336.897	ug/L	100
86) n-Propylbenzene	11.423	91	9223041	348.954	ug/L	94
87) 1,4-Dichlorobutane	11.423	55	2195994	352.181	ug/L	99
88) 1,1,2,2-Tetrachloroethane	11.491	83	1749507	303.952	ug/L	97
89) 4-Ethyltoluene	11.549	105	7024671	322.592	ug/L	96
90) 2-Chlorotoluene	11.586	91	4748716M6	314.542	ug/L	
91) 1,3,5-Trimethylbenzene	11.643	105	6356001	339.029	ug/L	95
92) 1,2,3-Trichloropropane	11.633	75	1457606	340.892	ug/L	94
93) trans-1,4-Dichloro-2-b...	11.680	53	453971	302.654	ug/L	84
94) 4-Chlorotoluene	11.769	91	4932238	313.778	ug/L	94
95) tert-Butylbenzene	11.984	119	5639537	333.979	ug/L	93
98) 1,2,4-Trimethylbenzene	12.058	105	5976174	319.596	ug/L	96
99) sec-Butylbenzene	12.173	105	8101680	319.124	ug/L	97
100) p-Isopropyltoluene	12.325	119	7283906	328.176	ug/L	97
101) 1,3-Dichlorobenzene	12.388	146	3617829	313.241	ug/L	98
102) 1,4-Dichlorobenzene	12.477	146	3649661	312.729	ug/L	98
103) p-Diethylbenzene	12.697	119	4269765	321.900	ug/L	96
104) n-Butylbenzene	12.750	91	5967886	304.656	ug/L	98
105) 1,2-Dichlorobenzene	12.896	146	3404035	314.325	ug/L	98
106) 1,2,4,5-Tetramethylben...	13.484	119	6658355	332.720	ug/L	98
107) 1,2-Dibromo-3-chloropr...	13.667	155	318861	294.886	ug/L	94
108) 1,3,5-Trichlorobenzene	13.709	180	2531195	317.866	ug/L	98
109) Hexachlorobutadiene	14.291	225	1316183	388.870	ug/L	97
110) 1,2,4-Trichlorobenzene	14.302	180	2464574	351.905	ug/L	99
111) Naphthalene	14.595	128	5357325	312.430	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	2071467	323.809	ug/L	99

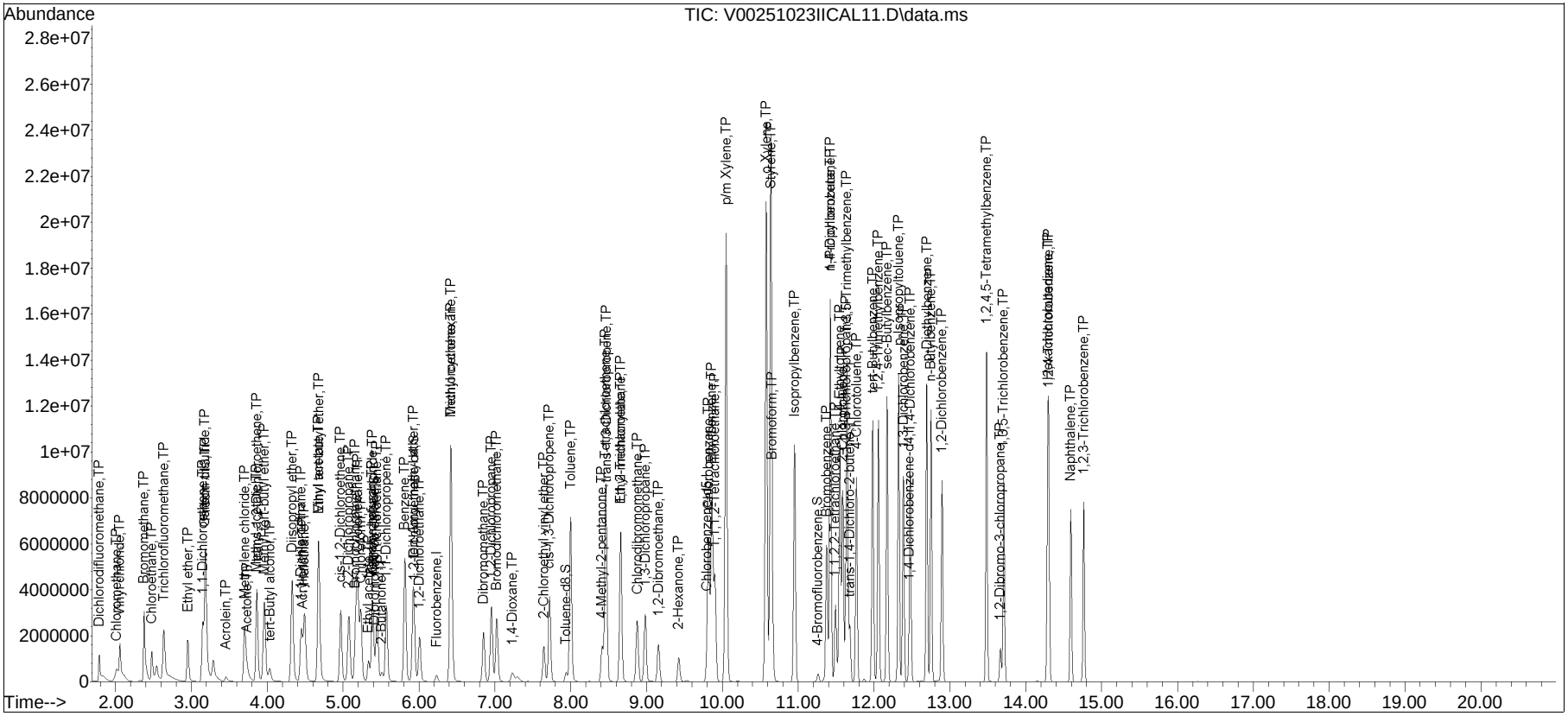
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL11.D
Acq On : 23 Oct 2025 07:04 pm
Operator : VOA100:AJK
Sample : I8260STD300PPB
Misc : WG2132450,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 24 11:37:36 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 11:26:54 2025
Response via : Initial Calibration

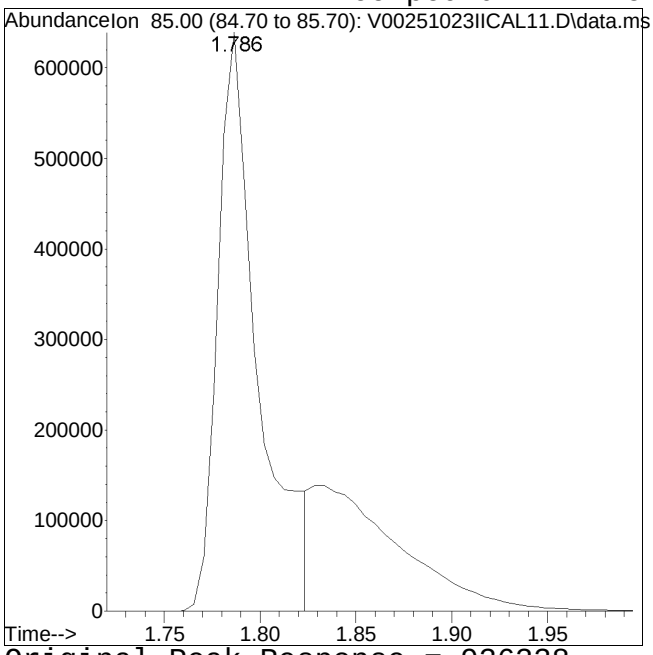
Sub List : 8260-CurveSoil - Megamix plus Diox51023IICAL08.D•

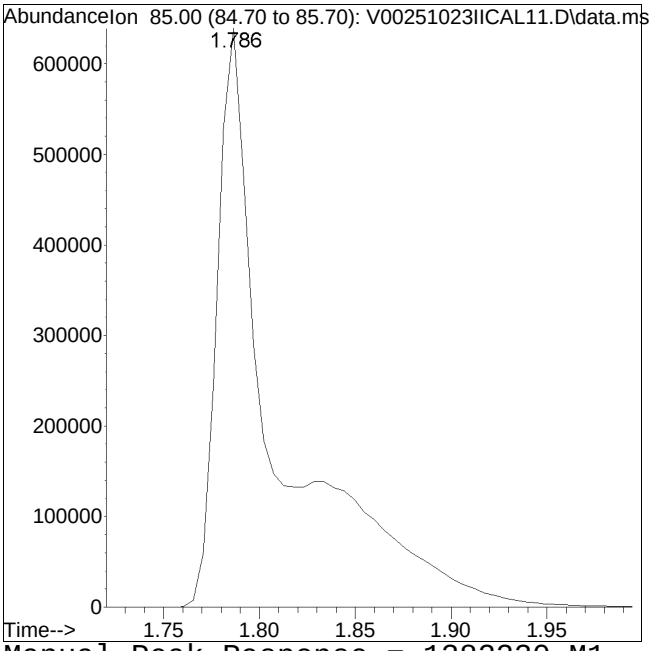


Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL11.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 7:04 pm Instrument : VOA100
Sample : I8260STD300PPB Quant Date : 10/24/2025 11:27 am

Compound #2: Dichlorodifluoromethane



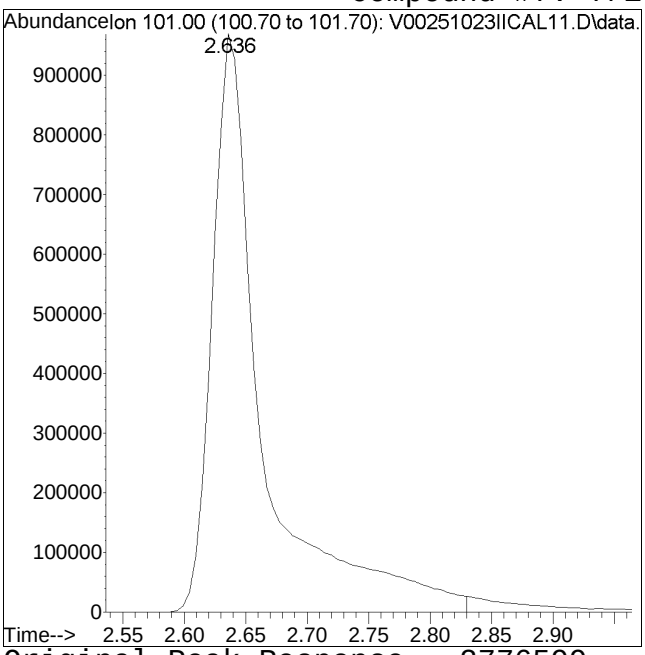


Original Peak Response = 936338 Manual Peak Response = 1382230 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

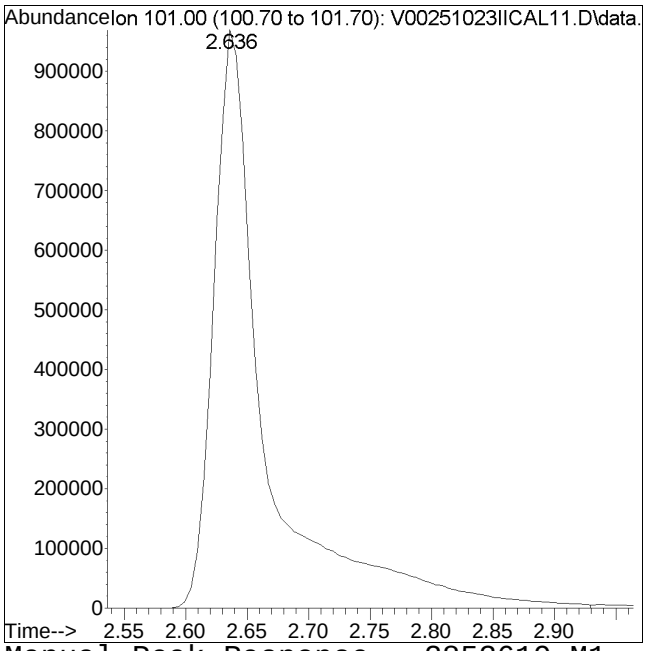
Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL11.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 7:04 pm Instrument : VOA100
Sample : I8260STD300PPB Quant Date : 10/24/2025 11:27 am

Compound #7: Trichlorofluoromethane



Original Peak Response = 2776599



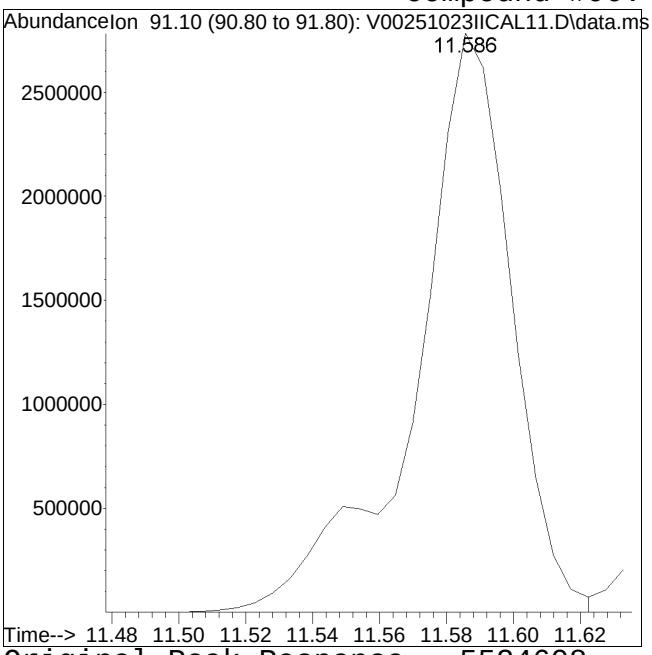
Manual Peak Response = 2853619 M1

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

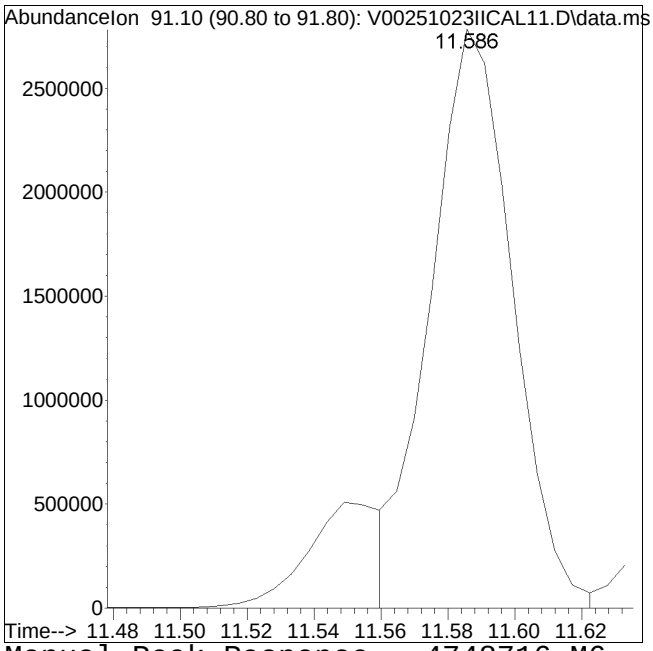
Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL11.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 7:04 pm Instrument : VOA100
Sample : I8260STD300PPB Quant Date : 10/24/2025 11:27 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 5524608



Manual Peak Response = 4748716 M6

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

Evaluate Continuing Calibration Report

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL15.D
Acq On : 23 Oct 2025 08:49 pm
Operator : VOA100:AJK
Sample : C8260STD40PPB
Misc : WG2132450,ICAL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 27 09:01:19 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	108	0.00
2	TP	Dichlorodifluoromethane	0.301	0.259	14.0	88	0.00
3	TP	Chloromethane	0.333	0.301	9.6	105	0.00
4	TP	Vinyl chloride	0.461	0.421	8.7	100	0.00
5	TP	Bromomethane	* 40.000	44.827	-12.1	109	0.00
6	TP	Chloroethane	0.369	0.354	4.1	109	0.00
7	TP	Trichlorofluoromethane	0.509	0.461	9.4	105	0.00
8	TP	Ethyl ether	0.174	0.144	17.2	96	0.00
10	TP	1,1-Dichloroethene	0.271	0.246	9.2	101	0.00
11	TP	Carbon disulfide	* 40.000	36.581	8.5	100	0.00
12	TP	Freon-113	0.256	0.254	0.8	104	0.00
14	TP	Acrolein	0.038	0.039	-2.6	111	0.00
15	TP	Methylene chloride	0.328	0.302	7.9	104	0.00
17	TP	Acetone	0.150	0.069	54.0#	54	0.00
18	TP	trans-1,2-Dichloroethene	0.319	0.293	8.2	105	0.00
19	TP	Methyl acetate	0.175	0.161	8.0	108	0.00
20	TP	Methyl tert-butyl ether	0.859	0.705	17.9	94	0.00
21	TP	tert-Butyl alcohol	0.032	0.030	6.3	98	0.00
22	TP	Diisopropyl ether	0.870	0.747	14.1	97	0.00
23	TP	1,1-Dichloroethane	0.552	0.512	7.2	106	0.00
24	TP	Halothane	0.231	0.202	12.6	98	0.00
25	TP	Acrylonitrile	0.084	0.086	-2.4	110	0.00
26	TP	Ethyl tert-butyl ether	0.807	0.713	11.6	98	0.00
27	TP	Vinyl acetate	0.637	0.580	8.9	102	0.00
28	TP	cis-1,2-Dichloroethene	0.350	0.313	10.6	101	0.00
29	TP	2,2-Dichloropropane	0.455	0.406	10.8	101	0.00
31	TP	Bromochloromethane	0.174	0.159	8.6	104	0.00
32	TP	Cyclohexane	0.408	0.390	4.4	97	0.00
33	TP	Chloroform	0.595	0.547	8.1	107	0.00
34	TP	Ethyl acetate	0.256	0.248	3.1	107	0.00
35	TP	Carbon tetrachloride	0.430	0.402	6.5	100	0.00
36	TP	Tetrahydrofuran	0.090	0.081	10.0	109	0.00
37	S	Dibromofluoromethane	0.304	0.284	6.6	106	0.00
38	TP	1,1,1-Trichloroethane	0.450	0.437	2.9	104	0.00
40	TP	2-Butanone	0.112	0.117	-4.5	116	0.00
41	TP	1,1-Dichloropropene	0.361	0.371	-2.8	110	0.00
42	TP	Benzene	1.170	1.109	5.2	106	0.00
43	TP	tert-Amyl methyl ether	0.827	0.735	11.1	98	0.00
44	S	1,2-Dichloroethane-d4	0.275	0.255	7.3	107	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL15.D
Acq On : 23 Oct 2025 08:49 pm
Operator : VOA100:AJK
Sample : C8260STD40PPB
Misc : WG2132450,ICAL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 27 09:01:19 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	TP	1,2-Dichloroethane	0.376	0.347	7.7	107	0.00
48	TP	Methyl cyclohexane	0.503	0.446	11.3	95	0.00
49	TP	Trichloroethene	0.325	0.301	7.4	104	0.00
51	TP	Dibromomethane	0.203	0.191	5.9	108	0.00
52	TP	1,2-Dichloropropane	0.303	0.291	4.0	110	0.00
54	TP	2-Chloroethyl vinyl ether	0.166	0.161	3.0	103	0.00
55	TP	Bromodichloromethane	0.450	0.415	7.8	104	0.00
58	TP	1,4-Dioxane	0.00254	0.00282#	-11.0	121	0.00
59	TP	cis-1,3-Dichloropropene	0.497	0.479	3.6	107	0.00
60	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
61	S	Toluene-d8	1.209	1.298	-7.4	103	0.00
62	TP	Toluene	0.804	0.889	-10.6	109	0.00
63	TP	4-Methyl-2-pentanone	0.097	0.113	-16.5	105	0.00
64	TP	Tetrachloroethene	0.345	0.368	-6.7	103	0.00
66	TP	trans-1,3-Dichloropropene	0.482	0.534	-10.8	107	0.00
68	TP	Ethyl methacrylate	0.375	0.405	-8.0	100	0.00
69	TP	1,1,2-Trichloroethane	0.243	0.264	-8.6	106	0.00
70	TP	Chlorodibromomethane	0.373	0.428	-14.7	108	0.00
71	TP	1,3-Dichloropropane	0.467	0.519	-11.1	108	0.00
72	TP	1,2-Dibromoethane	0.288	0.323	-12.2	107	0.00
73	TP	2-Hexanone	0.185	0.217	-17.3	102	0.00
74	TP	Chlorobenzene	0.965	1.075	-11.4	107	0.00
75	TP	Ethylbenzene	1.581	1.749	-10.6	107	0.00
76	TP	1,1,1,2-Tetrachloroethane	0.343	0.386	-12.5	104	0.00
77	TP	p/m Xylene	0.634	0.704	-11.0	107	0.00
78	TP	o Xylene	0.629	0.633	-0.6	97	0.00
79	TP	Styrene	1.082	1.138	-5.2	99	0.00
80	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
81	TP	Bromoform	0.472	0.526	-11.4	101	0.00
83	TP	Isopropylbenzene	2.775	3.104	-11.9	103	0.00
84	S	4-Bromofluorobenzene	0.773	0.780	-0.9	95	0.00
85	TP	Bromobenzene	0.712	0.804	-12.9	106	0.00
86	TP	n-Propylbenzene	3.348	3.794	-13.3	105	0.00
87	TP	1,4-Dichlorobutane	0.791	0.842	-6.4	99	0.00
88	TP	1,1,2,2-Tetrachloroethane	0.684	0.764	-11.7	97	0.00
89	TP	4-Ethyltoluene	2.732	2.563	6.2	86	0.00
90	TP	2-Chlorotoluene	1.902	2.138	-12.4	104	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL15.D
Acq On : 23 Oct 2025 08:49 pm
Operator : VOA100:AJK
Sample : C8260STD40PPB
Misc : WG2132450,ICAL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 27 09:01:19 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 TP	1,3,5-Trimethylbenzene	2.355	2.625	-11.5	103	0.00
92 TP	1,2,3-Trichloropropane	0.539	0.601	-11.5	103	0.00
93 TP	trans-1,4-Dichloro-2-butene	0.179	0.211	-17.9	103	0.00
94 TP	4-Chlorotoluene	1.966	2.201	-12.0	103	0.00
95 TP	tert-Butylbenzene	2.083	2.361	-13.3	103	0.00
98 TP	1,2,4-Trimethylbenzene	2.317	2.748	-18.6	108	0.00
99 TP	sec-Butylbenzene	3.067	3.514	-14.6	102	0.00
100 TP	p-Isopropyltoluene	2.712	3.055	-12.6	101	0.00
101 TP	1,3-Dichlorobenzene	1.418	1.605	-13.2	102	0.00
102 TP	1,4-Dichlorobenzene	1.433	1.614	-12.6	102	0.00
103 TP	p-Diethylbenzene	1.628	1.472	9.6	81	0.00
104 TP	n-Butylbenzene	2.376	2.765	-16.4	104	0.00
105 TP	1,2-Dichlorobenzene	1.321	1.502	-13.7	102	0.00
106 TP	1,2,4,5-Tetramethylbenzene	2.445	2.468	-0.9	91	0.00
107 TP	1,2-Dibromo-3-chloropropane	0.123	0.146	-18.7	99	0.00
108 TP	1,3,5-Trichlorobenzene	0.993	0.990	0.3	91	0.00
109 TP	Hexachlorobutadiene	0.428	0.446	-4.2	97	0.00
110 TP	1,2,4-Trichlorobenzene	0.887	0.962	-8.5	101	0.00
111 TP	Naphthalene	2.083	2.357	-13.2	101	0.00
112 TP	1,2,3-Trichlorobenzene	0.799	0.878	-9.9	101	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL15.D
Acq On : 23 Oct 2025 08:49 pm
Operator : VOA100:AJK
Sample : C8260STD40PPB
Misc : WG2132450,ICAL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 27 09:01:19 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.233	96	280103	20.000	ug/L	0.00
Standard Area 1 = 258396			Recovery = 108.40%			
60) Chlorobenzene-d5	9.793	117	228695	20.000	ug/L	0.00
Standard Area 1 = 236531			Recovery = 96.69%			
80) 1,4-Dichlorobenzene-d4	12.461	152	129345	20.000	ug/L	0.00
Standard Area 1 = 141681			Recovery = 91.29%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	79664	18.708	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.54%			
44) 1,2-Dichloroethane-d4	5.939	65	71446	18.557	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.78%			
61) Toluene-d8	7.942	98	296945	21.484	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.42%			
84) 4-Bromofluorobenzene	11.261	95	100868	20.184	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.786	85	145182M1	34.457	ug/L	
3) Chloromethane	2.017	50	168400	36.060	ug/L	95
4) Vinyl chloride	2.059	62	235620	36.496	ug/L	83
5) Bromomethane	2.379	94	270940	44.827	ug/L	100
6) Chloroethane	2.505	64	198232	38.403	ug/L	84
7) Trichlorofluoromethane	2.652	101	258170	36.216	ug/L	96
8) Ethyl ether	2.956	74	80820	33.102	ug/L	88
10) 1,1-Dichloroethene	3.155	96	138000	36.380	ug/L	78
11) Carbon disulfide	3.186	76	494041	36.581	ug/L	100
12) Freon-113	3.192	101	142050	39.561	ug/L	95
14) Acrolein	3.459	56	21800	40.448	ug/L	95
15) Methylene chloride	3.705	84	169352	36.889	ug/L	94
17) Acetone	3.732	43	38657	18.370	ug/L	93
18) trans-1,2-Dichloroethene	3.868	96	164377	36.753	ug/L	87
19) Methyl acetate	3.857	43	89941	36.681	ug/L #	85
20) Methyl tert-butyl ether	3.962	73	394939	32.828	ug/L	97
21) tert-Butyl alcohol	4.031	59	83700	185.544	ug/L	97
22) Diisopropyl ether	4.324	45	418695	34.373	ug/L	95
23) 1,1-Dichloroethane	4.450	63	286712	37.073	ug/L	98
24) Halothane	4.497	117	113248	35.013	ug/L	98
25) Acrylonitrile	4.471	53	48185	41.055	ug/L #	89

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL15.D
Acq On : 23 Oct 2025 08:49 pm
Operator : VOA100:AJK
Sample : C8260STD40PPB
Misc : WG2132450,ICAL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 27 09:01:19 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	399173	35.321	ug/L	#	76
27) Vinyl acetate	4.675	43	324760	36.424	ug/L		95
28) cis-1,2-Dichloroethene	4.969	96	175276	35.775	ug/L		90
29) 2,2-Dichloropropane	5.074	77	227176	35.656	ug/L		95
31) Bromochloromethane	5.163	128	89235	36.641	ug/L		99
32) Cyclohexane	5.189	56	218324	38.229	ug/L		92
33) Chloroform	5.236	83	306268	36.749	ug/L		99
34) Ethyl acetate	5.336	43	139020	38.748	ug/L	#	88
35) Carbon tetrachloride	5.388	117	225378	37.421	ug/L		97
36) Tetrahydrofuran	5.388	42	45267	35.831	ug/L		90
38) 1,1,1-Trichloroethane	5.446	97	244915	38.839	ug/L		97
40) 2-Butanone	5.514	43	65660	41.889	ug/L		99
41) 1,1-Dichloropropene	5.572	75	207694	41.038	ug/L		98
42) Benzene	5.813	78	621449	37.932	ug/L		99
43) tert-Amyl methyl ether	5.923	73	411774	35.538	ug/L		90
45) 1,2-Dichloroethane	6.007	62	194406	36.906	ug/L		99
48) Methyl cyclohexane	6.421	83	249836	35.480	ug/L		92
49) Trichloroethene	6.416	95	168766	37.129	ug/L		91
51) Dibromomethane	6.851	93	106937	37.584	ug/L		98
52) 1,2-Dichloropropane	6.951	63	163200	38.480	ug/L		98
54) 2-Chloroethyl vinyl ether	7.643	63	90082M1	38.717	ug/L		
55) Bromodichloromethane	7.024	83	232609	36.939	ug/L		99
58) 1,4-Dioxane	7.229	88	79020	2220.360	ug/L	#	90
59) cis-1,3-Dichloropropene	7.722	75	268187	38.517	ug/L	#	91
62) Toluene	7.999	92	406734	44.250	ug/L		100
63) 4-Methyl-2-pentanone	8.414	58	51802	46.783	ug/L	#	59
64) Tetrachloroethene	8.456	166	168290	42.719	ug/L		97
66) trans-1,3-Dichloropropene	8.471	75	244401	44.372	ug/L		97
68) Ethyl methacrylate	8.660	69	185399	43.277	ug/L		94
69) 1,1,2-Trichloroethane	8.655	83	120562	43.371	ug/L		100
70) Chlorodibromomethane	8.875	129	195980	45.964	ug/L		99
71) 1,3-Dichloropropane	8.980	76	237211	44.453	ug/L		99
72) 1,2-Dibromoethane	9.153	107	147621	44.869	ug/L		100
73) 2-Hexanone	9.426	43	99178	46.769	ug/L	#	83
74) Chlorobenzene	9.814	112	491746	44.545	ug/L		94
75) Ethylbenzene	9.861	91	800012	44.256	ug/L		99
76) 1,1,1,2-Tetrachloroethane	9.897	131	176635	45.024	ug/L		99
77) p/m Xylene	10.044	106	643980	88.822	ug/L		95
78) o Xylene	10.574	106	579006	80.463	ug/L		95
79) Styrene	10.637	104	1041044	84.171	ug/L		93

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL15.D
Acq On : 23 Oct 2025 08:49 pm
Operator : VOA100:AJK
Sample : C8260STD40PPB
Misc : WG2132450,ICAL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 27 09:01:19 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251023ICAL\V00251023IICAL08.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.652	173	135994	44.523	ug/L	99
83) Isopropylbenzene	10.951	105	803033	44.750	ug/L	98
85) Bromobenzene	11.371	156	208086	45.160	ug/L	100
86) n-Propylbenzene	11.423	91	981589	45.336	ug/L	97
87) 1,4-Dichlorobutane	11.418	55	217918	42.600	ug/L	98
88) 1,1,2,2-Tetrachloroethane	11.491	83	197690	44.685	ug/L	97
89) 4-Ethyltoluene	11.549	105	662910	37.526	ug/L	98
90) 2-Chlorotoluene	11.586	91	552966M6	44.946	ug/L	
91) 1,3,5-Trimethylbenzene	11.643	105	679040	44.581	ug/L	97
92) 1,2,3-Trichloropropane	11.628	75	155428	44.597	ug/L	94
93) trans-1,4-Dichloro-2-b...	11.680	53	54621	47.230	ug/L	86
94) 4-Chlorotoluene	11.764	91	569480	44.785	ug/L	93
95) tert-Butylbenzene	11.979	119	610694	45.339	ug/L	92
98) 1,2,4-Trimethylbenzene	12.058	105	710957	47.449	ug/L	97
99) sec-Butylbenzene	12.168	105	909150	45.837	ug/L	99
100) p-Isopropyltoluene	12.320	119	790366	45.068	ug/L	97
101) 1,3-Dichlorobenzene	12.383	146	415190	45.288	ug/L	98
102) 1,4-Dichlorobenzene	12.477	146	417637	45.055	ug/L	98
103) p-Diethylbenzene	12.692	119	380818	36.176	ug/L	96
104) n-Butylbenzene	12.750	91	715316	46.557	ug/L	98
105) 1,2-Dichlorobenzene	12.896	146	388546	45.486	ug/L	98
106) 1,2,4,5-Tetramethylben...	13.478	119	638456	40.370	ug/L	99
107) 1,2-Dibromo-3-chloropr...	13.667	155	37891	47.740	ug/L	95
108) 1,3,5-Trichlorobenzene	13.709	180	256052	39.877	ug/L	99
109) Hexachlorobutadiene	14.286	225	115503	41.690	ug/L	98
110) 1,2,4-Trichlorobenzene	14.307	180	248982	43.401	ug/L	99
111) Naphthalene	14.595	128	609717	45.270	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	227148	43.939	ug/L	99

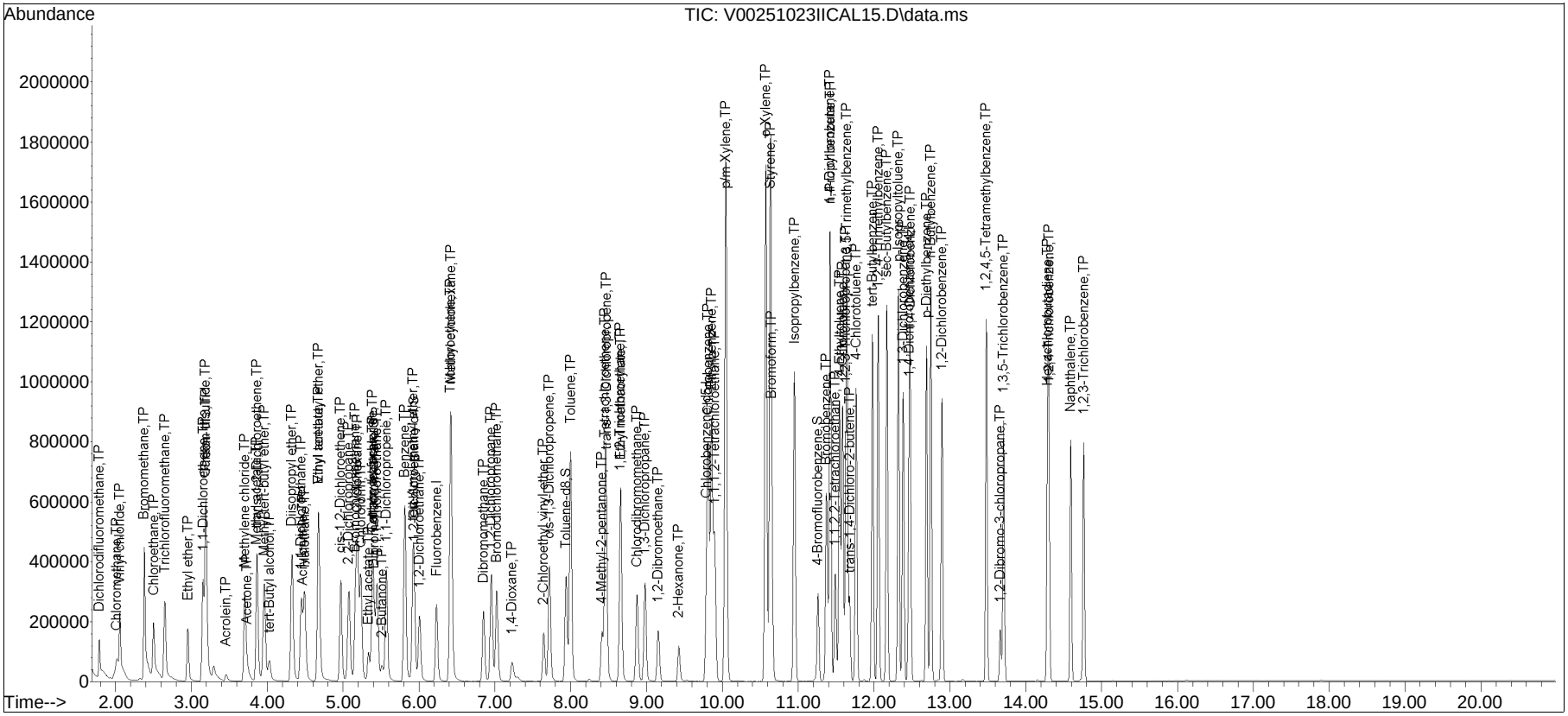
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251023ICAL\
Data File : V00251023IICAL15.D
Acq On : 23 Oct 2025 08:49 pm
Operator : VOA100:AJK
Sample : C8260STD40PPB
Misc : WG2132450,ICAL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 27 09:01:19 2025
Quant Method : K:\VOA100\2025\251023ICAL\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

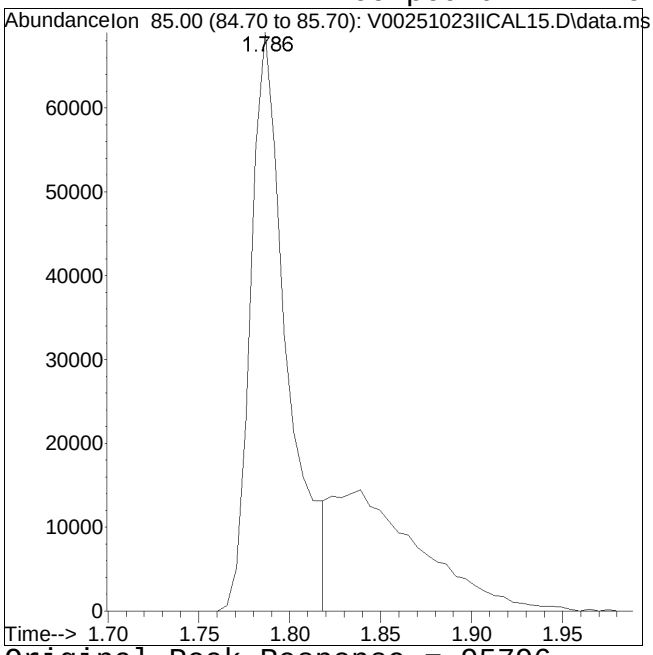
Sub List : 8260-CurveSoil - Megamix plus Diox51023IICAL08.D•

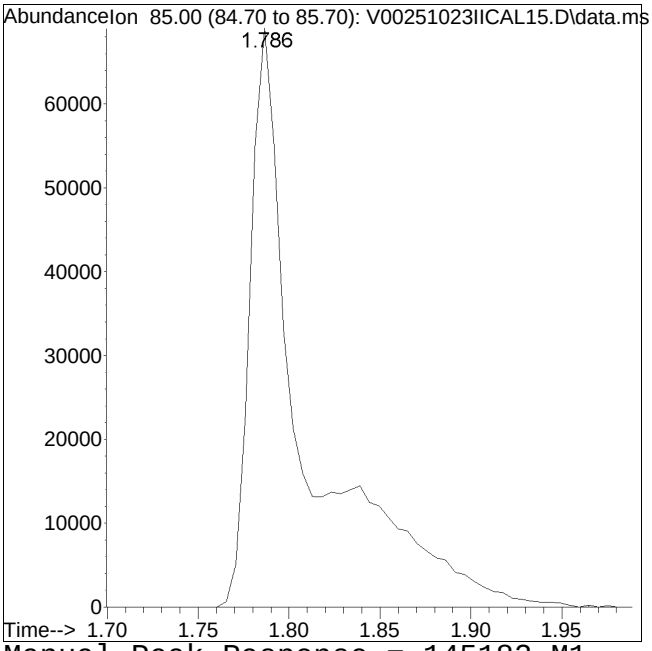


Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL15.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 8:49 pm Instrument : VOA100
Sample : C8260STD40PPB Quant Date : 10/27/2025 9:01 am

Compound #2: Dichlorodifluoromethane



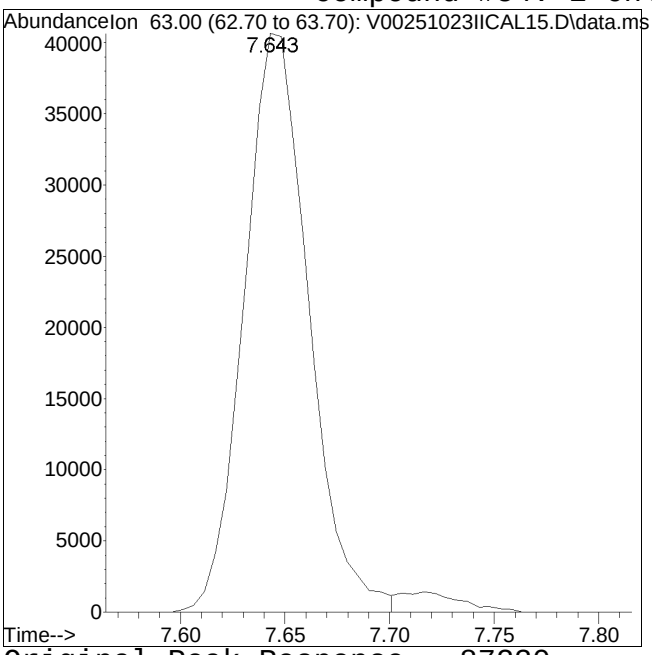


Original Peak Response = 95796 Manual Peak Response = 145182 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

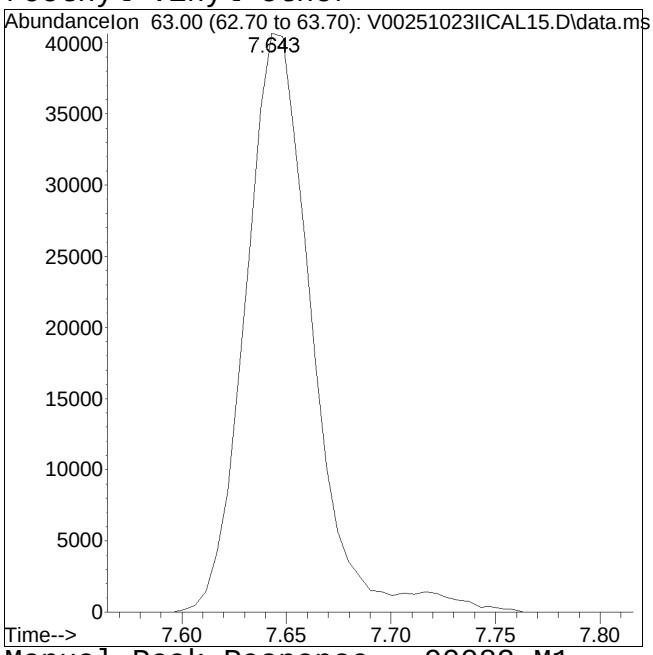
Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL15.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 8:49 pm Instrument : VOA100
Sample : C8260STD40PPB Quant Date : 10/27/2025 9:01 am

Compound #54: 2-Chloroethyl vinyl ether



Original Peak Response = 87230



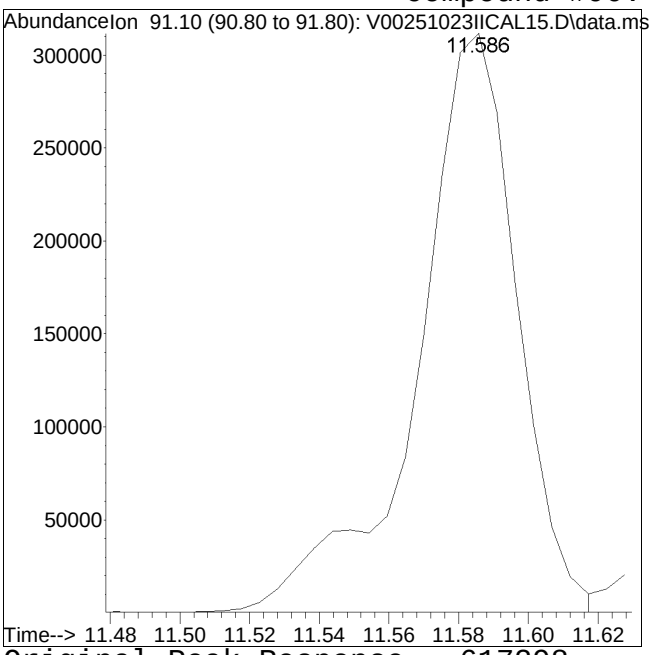
Manual Peak Response = 90082 M1

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

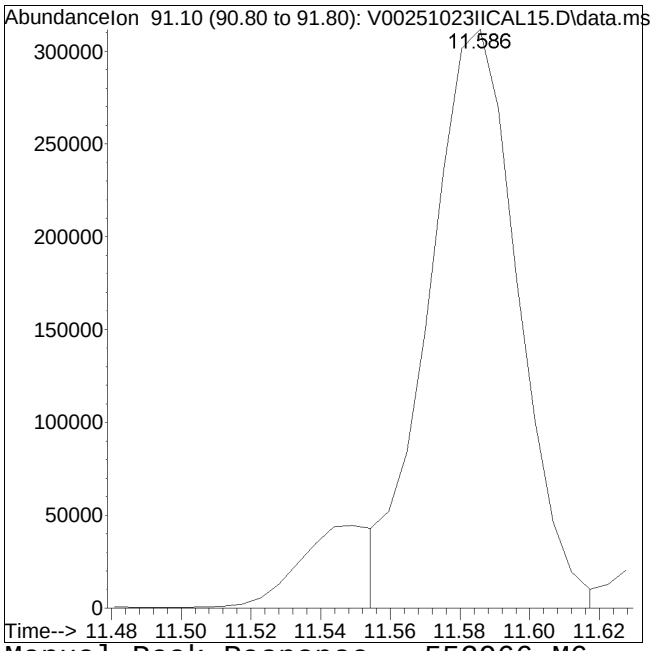
Manual Integration Report

Data Path : K:\VOA100\2025\251023ICAL\QMethod : V100_251024A_8260.m
Data File : V00251023IICAL15.D Operator : VOA100:AJK
Date Inj'd : 10/23/2025 8:49 pm Instrument : VOA100
Sample : C8260STD40PPB Quant Date : 10/27/2025 9:01 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 617298



Manual Peak Response = 552966 M6

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

Evaluate Relative Error Report VOA100

Method Path : K:\VOA100\2025\251023ICAL\
Method File : V100_251024A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Oct 27 09:00:40 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
5	TP Bromomethane	L	ug/L	40.0	44.731	11.8	2.00	1.461	-26.9
11	TP Carbon disulfide	L	ug/L	40.0	39.780	-0.5	1.00	0.796	-20.4

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
5	TP Bromomethane	Linear	0.998461	0.000000	0.412729	0.0422075
11	TP Carbon disulfide	Linear	0.997808	0.000000	0.906602	0.105567

Response Factor Report Gonzo

Method Path : K:\Gonzo\2025\251024AICAL\
Method File : G_251024A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Sun Oct 26 12:35:39 2025
Response Via : Initial Calibration

Calibration Files
L11 =VG251024A03.D L1 =VG251024A05.D L2 =VG251024A07.D L3 =VG251024A09.D L4 =VG251024A10.D
L6 =VG251024A11.D L8 =VG251024A12.D L10 =VG251024A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------	----------	ISTD	----------	----------	----------	----------	----------		
2)	TP	Dichlorodifluo...		0.199	0.265	0.231	0.278	0.252	0.270	0.264	0.251	11.00
3)	TP	Chloromethane		0.359	0.380	0.360	0.350	0.336	0.343	0.341	0.352	4.26
4)	TP	Vinyl chloride	0.252	0.276	0.326	0.305	0.325	0.305	0.317	0.314	0.303	8.49
5)	TP	Bromomethane		0.239	0.232	0.222	0.204	0.195	0.209	0.212	0.216	7.18
6)	TP	Chloroethane		0.203	0.217	0.209	0.182	0.151			0.192	13.85
7)	TP	Trichlorofluor...		0.304	0.365	0.336	0.390	0.365	0.393	0.303	0.351	10.66
8)	TP	Ethyl ether		0.098	0.105	0.115	0.122	0.124	0.126	0.125	0.116	9.30
10)	TP	1,1-Dichloroet...		0.185	0.217	0.205	0.229	0.222	0.235	0.236	0.219	8.44
11)	TP	Carbon disulfide		0.652	0.739	0.704	0.733	0.720	0.750	0.753	0.722	4.87
12)	TP	Freon-113		0.180	0.233	0.196	0.247	0.221	0.240	0.240	0.222	11.38
13)	TP	Iodomethane			0.137	0.156	0.238	0.288	0.280	0.266	*L	0.9956
14)	TP	Acrolein			0.021	0.025	0.027	0.029	0.030	0.030	0.027	13.17
15)	TP	Methylene chlo...		0.287	0.266	0.262	0.253	0.254	0.256	0.253	0.262	4.68
17)	TP	Acetone			0.040	0.044	0.049	0.053	0.055	0.055	0.049	12.75
18)	TP	trans-1,2-Dich...		0.228	0.249	0.251	0.254	0.250	0.258	0.257	0.250	4.11
19)	TP	Methyl acetate			0.097	0.107	0.115	0.122	0.126	0.125	0.115	9.85
20)	TP	Methyl tert-bu...		0.403	0.498	0.553	0.586	0.615	0.632	0.627	0.559	14.96
21)	TP	tert-Butyl alc...		0.010	0.011	0.013	0.014	0.015	0.016	0.016	0.014	18.77
22)	TP	Diisopropyl ether		0.687	0.784	0.902	0.957	0.982	0.996	0.985	0.899	13.25
23)	TP	1,1-Dichloroet...		0.468	0.515	0.521	0.510	0.505	0.513	0.492	0.504	3.59
24)	TP	Halothane		0.177	0.202	0.190	0.209	0.200	0.209	0.208	0.199	5.96
25)	TP	Acrylonitrile			0.052	0.057	0.062	0.065	0.066	0.066	0.061	9.16
26)	TP	Ethyl tert-but...		0.490	0.589	0.695	0.766	0.804	0.823	0.831	0.714	18.28
27)	TP	Vinyl acetate			0.459	0.508	0.569	0.541	0.558	0.539	0.529	7.58
28)	TP	cis-1,2-Dichlo...		0.234	0.275	0.288	0.280	0.283	0.286	0.287	0.276	6.95
29)	TP	2,2-Dichloropr...		0.307	0.341	0.350	0.366	0.344	0.358	0.351	0.345	5.50
30)	TP	Bromochloromet...		0.119	0.130	0.131	0.123	0.115	0.116	0.115	0.121	5.73
31)	TP	Cyclohexane			0.429	0.423	0.537	0.487	0.537	0.540	0.492	11.17
32)	TP	Chloroform		0.454	0.463	0.448	0.454	0.451	0.458	0.462	0.456	1.27
33)	TP	Ethyl acetate			0.157	0.171	0.187	0.193	0.197	0.193	0.183	8.71

Response Factor Report Gonzo

Method Path : K:\Gonzo\2025\251024AICAL\
Method File : G_251024A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Sun Oct 26 12:35:39 2025
Response Via : Initial Calibration

Calibration Files
L11 =VG251024A03.D L1 =VG251024A05.D L2 =VG251024A07.D L3 =VG251024A09.D L4 =VG251024A10.D
L6 =VG251024A11.D L8 =VG251024A12.D L10 =VG251024A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
34)	TP	Carbon tetrach...	0.309	0.315	0.358	0.351	0.385	0.364	0.386	0.385	0.357	8.59
35)	TP	Tetrahydrofuran			0.057	0.056	0.059	0.059	0.059	0.056	0.058	2.50
36)	S	Dibromofluorom...	0.267	0.281	0.271	0.259	0.261	0.257	0.255	0.260	0.264	3.29
37)	TP	1,1,1-Trichlor...		0.335	0.392	0.381	0.408	0.389	0.411	0.412	0.390	6.91
39)	TP	2-Butanone			0.058	0.073	0.077	0.084	0.085	0.083	0.076	13.48
40)	TP	1,1-Dichloropr...		0.231	0.293	0.306	0.341	0.327	0.345	0.346	0.313	13.18
41)	TP	Benzene	0.884	0.827	0.959	1.026	1.045	1.034	1.061	1.062	0.987	9.00
42)	TP	tert-Amyl meth...		0.399	0.437	0.544	0.598	0.629	0.647	0.654	0.558	18.46
43)	S	1,2-Dichloroet...	0.285	0.292	0.296	0.294	0.272	0.272	0.278	0.287	0.285	3.37
44)	TP	1,2-Dichloroet...	0.319	0.313	0.319	0.321	0.323	0.321	0.323	0.323	0.320	1.02
47)	TP	Methyl cyclohe...			0.372	0.374	0.490	0.444	0.495	0.506	0.447	13.68
48)	TP	Trichloroethene	0.313	0.231	0.281	0.276	0.282	0.275	0.288	0.293	0.280	8.36
50)	TP	Dibromomethane		0.124	0.124	0.131	0.134	0.136	0.138	0.135	0.132	4.37
51)	TP	1,2-Dichloropr...		0.256	0.282	0.286	0.288	0.289	0.291	0.290	0.283	4.35
53)	TP	2-Chloroethyl ...			0.061	0.060	0.074	0.056	0.057	0.051	0.060	12.63
54)	TP	Bromodichlorom...		0.303	0.330	0.347	0.350	0.356	0.363	0.364	0.345	6.25
57)	TP	1,4-Dioxane		0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.001#	17.98
58)	TP	cis-1,3-Dichlo...	0.293	0.302	0.357	0.387	0.411	0.418	0.422	0.422	0.376	14.21
59)	I	Chlorobenzene-d5	----------	ISTD	----------							
60)	S	Toluene-d8	1.302	1.258	1.284	1.289	1.294	1.288	1.277	1.297	1.286	1.07
61)	TP	Toluene		0.756	0.799	0.837	0.848	0.851	0.869	0.891	0.836	5.41
62)	TP	4-Methyl-2-pen...			0.052	0.067	0.078	0.085	0.087	0.088	0.076	18.62
63)	TP	Tetrachloroethene	0.333	0.310	0.385	0.386	0.413	0.396	0.420	0.431	0.384	11.05
65)	TP	trans-1,3-Dich...	0.292	0.305	0.365	0.406	0.434	0.443	0.447	0.454	0.393	16.50
67)	TP	Ethyl methacry...			0.210	0.257	0.295	0.317	0.322	0.330	0.289	16.16
68)	TP	1,1,2-Trichlor...		0.175	0.200	0.201	0.206	0.213	0.213	0.216	0.203	6.92
69)	TP	Chlorodibromom...		0.284	0.293	0.318	0.333	0.350	0.356	0.363	0.328	9.46
70)	TP	1,3-Dichloropr...		0.341	0.384	0.412	0.419	0.429	0.430	0.432	0.407	8.20
71)	TP	1,2-Dibromoethane		0.216	0.218	0.232	0.245	0.250	0.252	0.252	0.238	6.64
72)	TP	2-Hexanone			0.083	0.126	0.143	0.157	0.159	0.158	*L	0.9994
73)	TP	Chlorobenzene		0.843	0.955	1.000	1.002	1.002	1.013	1.031	0.978	6.52

Method Path : K:\Gonzo\2025\251024AICAL\
Method File : G_251024A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Sun Oct 26 12:35:39 2025
Response Via : Initial Calibration

Calibration Files
L11 =VG251024A03.D L1 =VG251024A05.D L2 =VG251024A07.D L3 =VG251024A09.D L4 =VG251024A10.D
L6 =VG251024A11.D L8 =VG251024A12.D L10 =VG251024A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
74)	TP	Ethylbenzene		1.181	1.495	1.633	1.695	1.680	1.752	1.807	1.606	13.18
75)	TP	1,1,1,2-Tetrac...		0.293	0.330	0.353	0.368	0.375	0.382	0.390	0.356	9.55
76)	TP	p/m Xylene		0.454	0.574	0.652	0.669	0.670	0.704	0.721	0.635	14.57
77)	TP	o Xylene		0.455	0.559	0.643	0.656	0.662	0.685	0.697	0.623	13.89
78)	TP	Styrene		0.676	0.899	1.071	1.110	1.140	1.186		1.014	18.97
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80)	TP	Bromoform		0.282	0.296	0.329	0.307	0.371	0.380	0.379	0.335	12.41
82)	TP	Isopropylbenzene		1.998	2.480	2.690	2.508	2.837	3.013		2.588	13.60
83)	S	4-Bromofluorob...	0.817	0.813	0.824	0.780	0.676	0.791	0.781	0.776	0.782	5.97
84)	TP	Bromobenzene		0.672	0.711	0.731	0.623	0.718	0.739	0.722	0.702	5.84
85)	TP	n-Propylbenzene		2.468	3.161	3.253	2.981	3.304	3.525		3.115	11.67
86)	TP	1,4-Dichlorobu...		0.702	0.770	0.790	0.700	0.823	0.839	0.823	0.778	7.38
87)	TP	1,1,2,2-Tetrac...	0.422	0.462	0.479	0.475	0.465	0.481	0.494	0.483	0.470	4.68
88)	TP	4-Ethyltoluene		1.926	2.521	2.710	2.735	2.759	2.939		2.598	13.67
89)	TP	2-Chlorotoluene		1.605	1.940	1.991	1.921	1.948	2.062	2.023	1.927	7.82
90)	TP	1,3,5-Trimethy...		1.666	2.144	2.315	2.394	2.371	2.531	2.505	2.275	13.07
91)	TP	1,2,3-Trichlor...		0.399	0.392	0.366	0.382	0.395	0.402	0.398	0.391	3.22
92)	TP	trans-1,4-Dich...		0.108	0.128	0.136	0.141	0.151	0.154	0.152	0.138	11.99
93)	TP	4-Chlorotoluene		1.617	1.820	2.001	2.064	2.048	2.131	2.123	1.972	9.54
94)	TP	tert-Butylbenzene		1.338	1.835	1.957	2.150	2.029	2.184	2.162	1.951	15.29
97)	TP	1,2,4-Trimethy...		1.390	1.823	2.166	2.282	2.298	2.440	2.411	2.116	17.98
98)	TP	sec-Butylbenzene		1.861	2.608	2.886	3.153	3.009	3.260		2.796	18.28
99)	TP	p-Isopropyltol...		1.458	2.136	2.466	2.701	2.598	2.800		*L	0.9986
100)	TP	1,3-Dichlorobe...		1.150	1.343	1.417	1.432	1.433	1.477	1.484	1.391	8.33
101)	TP	1,4-Dichlorobe...		1.236	1.385	1.403	1.408	1.423	1.466	1.472	1.399	5.63
102)	TP	p-Diethylbenzene			1.140	1.372	1.527	1.491	1.622	1.636	1.464	12.69
103)	TP	n-Butylbenzene		1.107	1.714	1.930	2.119	2.080	2.295	2.223	*L	0.9986
104)	TP	1,2-Dichlorobe...		1.028	1.181	1.270	1.278	1.273	1.316	1.304	1.236	8.18
105)	TP	1,2,4,5-Tetram...			1.099	1.350	1.592	1.719	1.910	1.967	*L	0.9957
106)	TP	1,2-Dibromo-3-...		0.049	0.062	0.070	0.065	0.081	0.083	0.081	0.070	17.66
107)	TP	1,3,5-Trichlor...		0.588	0.704	0.782	0.732	0.821	0.851	0.827	0.758	12.08

Method Path : K:\Gonzo\2025\251024AICAL\
Method File : G_251024A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Sun Oct 26 12:35:39 2025
Response Via : Initial Calibration

Calibration Files
L11 =VG251024A03.D L1 =VG251024A05.D L2 =VG251024A07.D L3 =VG251024A09.D L4 =VG251024A10.D
L6 =VG251024A11.D L8 =VG251024A12.D L10 =VG251024A13.D

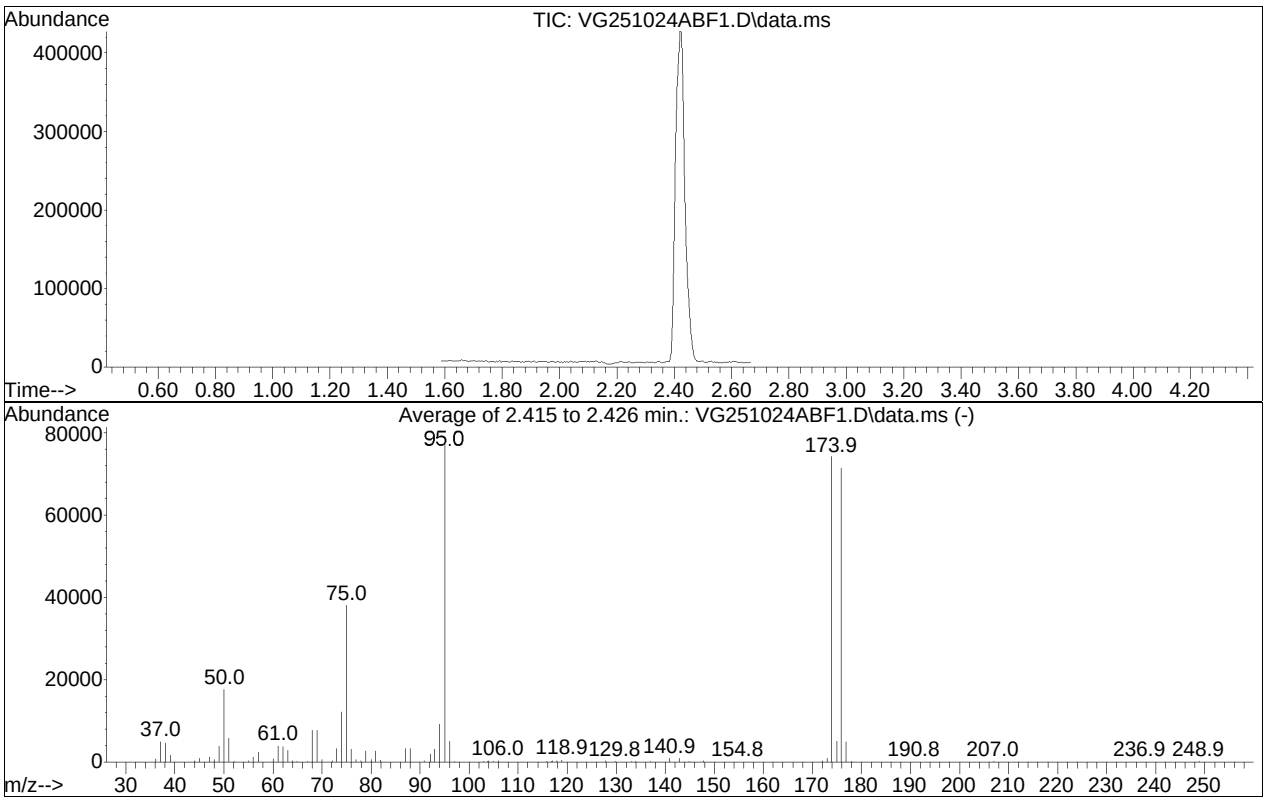
	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
108) TP	Hexachlorobuta...	0.256	0.322	0.308	0.304	0.329	0.353	0.343	0.316	10.11	
109) TP	1,2,4-Trichlor...	0.372	0.442	0.517	0.506	0.599	0.619	0.600	0.522	17.58	
110) TP	Naphthalene	0.425	0.488	0.653	0.711	0.925	0.993		*Q	0.9991	
111) TP	1,2,3-Trichlor...	0.256	0.297	0.361	0.353	0.434	0.435	0.401	0.362#	18.68	

(#) = Out of Range

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024ABF1.D
Acq On : 24 Oct 2025 12:01 pm
Operator : GONZO:PID
Sample : WG2132896-1
Misc : WG2132896
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Sun Oct 26 12:35:39 2025



AutoFind: Scans 159, 160, 161; Background Corrected with Scan 150

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.7	17641	PASS
75	95	30	60	49.2	38163	PASS
95	95	100	100	100.0	77579	PASS
96	95	5	9	6.6	5135	PASS
173	174	0.00	2	1.2	909	PASS
174	95	50	100	95.7	74235	PASS
175	174	5	9	6.9	5097	PASS
176	174	95	101	96.3	71504	PASS
177	176	5	9	7.0	5031	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A03.D
Acq On : 24 Oct 2025 1:08 pm
Operator : GONZO:PID
Sample : I8260STD0.19PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 26 12:23:17 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-L11_NJnew - L11 new NJ

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.949	96	467832	10.000 ug/L	0.00
Standard Area 1 = 507307			Recovery =	92.22%	
59) Chlorobenzene-d5	9.477	117	362945	10.000 ug/L	0.00
Standard Area 1 = 400345			Recovery =	90.66%	
79) 1,4-Dichlorobenzene-d4	12.198	152	213482	10.000 ug/L	0.00
Standard Area 1 = 246040			Recovery =	86.77%	
System Monitoring Compounds					
36) Dibromofluoromethane	5.150	113	125097	10.323 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.23%	
43) 1,2-Dichloroethane-d4	5.667	65	133473	9.693 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.93%	
60) Toluene-d8	7.636	98	472408	10.097 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.97%	
83) 4-Bromofluorobenzene	10.981	95	174430	10.469 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.69%	
Target Compounds					Qvalue
4) Vinyl chloride	1.870	62	2244	0.157 ug/L	97
34) Carbon tetrachloride	5.093	117	2750	0.168 ug/L	95
41) Benzene	5.540	78	7854	0.164 ug/L #	82
44) 1,2-Dichloroethane	5.745	62	2839	0.189 ug/L #	94
48) Trichloroethene	6.126	95	2783	0.216 ug/L #	83
58) cis-1,3-Dichloropropene	7.438	75	2600	0.143 ug/L	96
63) Tetrachloroethene	8.144	166	2293	0.164 ug/L	94
65) trans-1,3-Dichloropropene	8.207	75	2017	0.137 ug/L	80
87) 1,1,2,2-Tetrachloroethane	11.236	83	1710	0.169 ug/L #	91

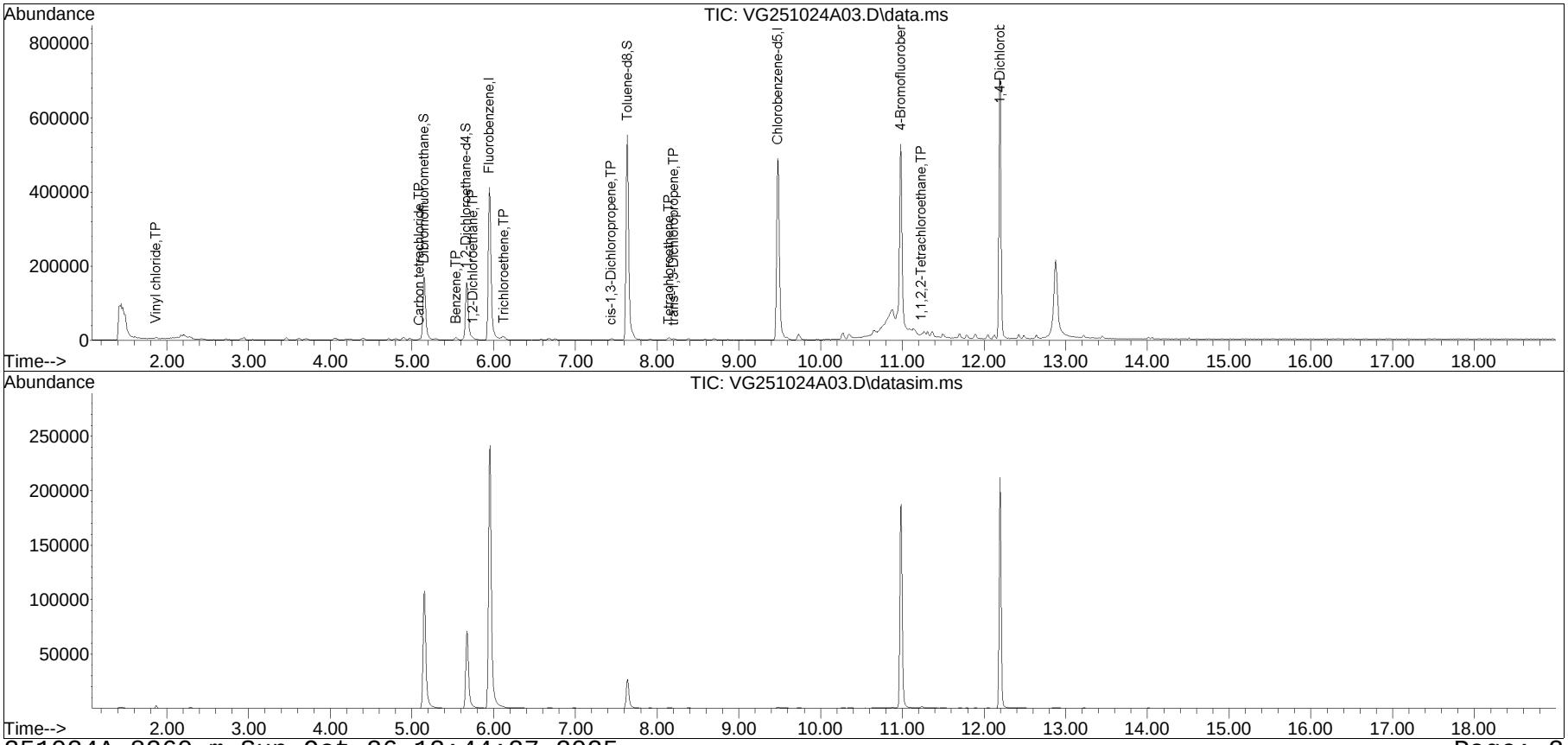
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A03.D
Acq On : 24 Oct 2025 1:08 pm
Operator : GONZO:PID
Sample : I8260STD0.19PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 26 12:23:17 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

Sub List : 8260-L11_NJnew - L11 new NJAL\VG251024A09.D•



Manual Integration Report

Data Path	: K:\Gonzo\2025\251024AICAL\	QMethod	: G_251024A_8260.m
Data File	: VG251024A03.D	Operator	: GONZO:PID
Date Inj'd	: 10/24/2025 1:08 pm	Instrument	: Gonzo
Sample	: I8260STD0.19PPB	Quant Date	: 10/26/2025 12:21 pm

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

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A05.D
Acq On : 24 Oct 2025 2:01 pm
Operator : GONZO:PID
Sample : I8260STD0.5PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 26 12:24:49 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.949	96	455382	10.000 ug/L	0.00
Standard Area 1 = 507307			Recovery = 89.76%		
59) Chlorobenzene-d5	9.477	117	367807	10.000 ug/L	0.00
Standard Area 1 = 400345			Recovery = 91.87%		
79) 1,4-Dichlorobenzene-d4	12.198	152	216210	10.000 ug/L	0.00
Standard Area 1 = 246040			Recovery = 87.88%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.150	113	128051	10.856 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.56%		
43) 1,2-Dichloroethane-d4	5.674	65	133035	9.926 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.26%		
60) Toluene-d8	7.636	98	462551	9.756 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.56%		
83) 4-Bromofluorobenzene	10.981	95	175710	10.413 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.13%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.614	85	4529	0.430 ug/L	95
3) Chloromethane	1.820	50	8168M6	0.499 ug/L	
4) Vinyl chloride	1.870	62	6290	0.453 ug/L	100
5) Bromomethane	2.176	94	5431	0.538 ug/L	98
6) Chloroethane	2.283	64	4627	0.486 ug/L	98
7) Trichlorofluoromethane	2.425	101	6926M6	0.453 ug/L	
8) Ethyl ether	2.724	74	2240	0.429 ug/L #	88
10) 1,1-Dichloroethene	2.916	96	4207	0.450 ug/L	94
11) Carbon disulfide	2.951	76	14842	0.463 ug/L	98
12) Freon-113	2.951	101	4092	0.459 ug/L	95
13) Iodomethane	3.058	142	3435	0.485 ug/L #	84
14) Acrolein	0.000		0	N.D. d	
15) Methylene chloride	3.464	84	6534	0.549 ug/L	97
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	3.620	96	5182	0.453 ug/L	94
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	3.705	73	9167	0.364 ug/L #	80
21) tert-Butyl alcohol	3.812	59	1095	1.835 ug/L #	80
22) Diisopropyl ether	4.054	45	15646	0.381 ug/L #	87
23) 1,1-Dichloroethane	4.196	63	10656	0.449 ug/L	97
24) Halothane	4.253	117	4027	0.465 ug/L	93

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A05.D
Acq On : 24 Oct 2025 2:01 pm
Operator : GONZO:PID
Sample : I8260STD0.5PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 26 12:24:49 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	0.000		0	N.D.	d		
26) Ethyl tert-butyl ether	4.403	59	11167	0.353	ug/L	#	61
27) Vinyl acetate	0.000		0	N.D.	d		
28) cis-1,2-Dichloroethene	4.709	96	5327	0.406	ug/L		93
29) 2,2-Dichloropropane	4.801	77	6980	0.437	ug/L		96
30) Bromochloromethane	4.908	128	2704	0.452	ug/L		93
31) Cyclohexane	4.901	56	6231	0.324	ug/L		91
32) Chloroform	4.979	83	10334	0.507	ug/L		97
33) Ethyl acetate	0.000		0	N.D.	d		
34) Carbon tetrachloride	5.100	117	7167	0.449	ug/L		93
35) Tetrahydrofuran	0.000		0	N.D.	d		
37) 1,1,1-Trichloroethane	5.164	97	7626	0.439	ug/L		95
39) 2-Butanone	0.000		0	N.D.	d		
40) 1,1-Dichloropropene	5.292	75	5269	0.378	ug/L		91
41) Benzene	5.533	78	18826	0.403	ug/L		98
42) tert-Amyl methyl ether	5.639	73	9084	0.367	ug/L		85
44) 1,2-Dichloroethane	5.745	62	7132	0.487	ug/L		94
47) Methyl cyclohexane	6.112	83	4670	0.274	ug/L		86
48) Trichloroethene	6.126	95	5249	0.418	ug/L		98
50) Dibromomethane	6.577	93	2819	0.474	ug/L		97
51) 1,2-Dichloropropane	6.676	63	5828	0.448	ug/L		94
53) 2-Chloroethyl vinyl ether	7.389	63	817	0.299	ug/L	#	65
54) Bromodichloromethane	6.754	83	6904	0.437	ug/L	#	98
57) 1,4-Dioxane	6.973	88	4667	74.168	ug/L		99
58) cis-1,3-Dichloropropene	7.445	75	6879	0.390	ug/L		90
61) Toluene	7.699	92	13911	0.452	ug/L		88
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d		
63) Tetrachloroethene	8.137	166	5702	0.402	ug/L		96
65) trans-1,3-Dichloropropene	8.200	75	5613	0.376	ug/L		83
67) Ethyl methacrylate	8.391	69	2840M2	0.301	ug/L		
68) 1,1,2-Trichloroethane	8.377	83	3214	0.435	ug/L		97
69) Chlorodibromomethane	8.588	129	5222	0.447	ug/L		89
70) 1,3-Dichloropropane	8.694	76	6272	0.414	ug/L		100
71) 1,2-Dibromoethane	8.871	107	3965	0.464	ug/L	#	100
72) 2-Hexanone	0.000		0	N.D.	d		
73) Chlorobenzene	9.499	112	15502	0.422	ug/L	#	77
74) Ethylbenzene	9.541	91	21712	0.361	ug/L		97
75) 1,1,1,2-Tetrachloroethane	9.583	131	5396	0.415	ug/L		87
76) p/m Xylene	9.731	106	16698	0.696	ug/L		98
77) o Xylene	10.268	106	16724	0.707	ug/L		91

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A05.D
Acq On : 24 Oct 2025 2:01 pm
Operator : GONZO:PID
Sample : I8260STD0.5PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 26 12:24:49 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	10.345	104	24878	0.631	ug/L		99
80) Bromoform	10.373	173	3051	0.429	ug/L		97
82) Isopropylbenzene	10.649	105	21604	0.371	ug/L		99
84) Bromobenzene	11.094	156	7267	0.460	ug/L		96
85) n-Propylbenzene	11.144	91	26685	0.379	ug/L		98
86) 1,4-Dichlorobutane	11.165	55	7590	0.444	ug/L		95
87) 1,1,2,2-Tetrachloroethane	11.229	83	4997	0.486	ug/L		95
88) 4-Ethyltoluene	11.264	105	20824	0.355	ug/L		96
89) 2-Chlorotoluene	11.307	91	17346M6	0.403	ug/L		
90) 1,3,5-Trimethylbenzene	11.363	105	18014	0.360	ug/L		99
91) 1,2,3-Trichloropropane	11.370	75	4314	0.545	ug/L		94
92) trans-1,4-Dichloro-2-b...	11.434	53	1165	0.397	ug/L	#	75
93) 4-Chlorotoluene	11.498	91	17478	0.404	ug/L		96
94) tert-Butylbenzene	11.703	119	14464	0.342	ug/L		96
97) 1,2,4-Trimethylbenzene	11.788	105	15023	0.321	ug/L		100
98) sec-Butylbenzene	11.894	105	20120	0.322	ug/L		95
99) p-Isopropyltoluene	12.049	119	15763	0.296	ug/L		96
100) 1,3-Dichlorobenzene	12.120	146	12429	0.406	ug/L		97
101) 1,4-Dichlorobenzene	12.212	146	13364	0.441	ug/L	#	86
102) p-Diethylbenzene	12.424	119	9331	0.315	ug/L		97
103) n-Butylbenzene	12.481	91	11964	0.287	ug/L		99
104) 1,2-Dichlorobenzene	12.644	146	11116	0.405	ug/L		96
105) 1,2,4,5-Tetramethylben...	13.216	119	9550	0.327	ug/L		98
106) 1,2-Dibromo-3-chloropr...	13.415	155	535	0.353	ug/L	#	74
107) 1,3,5-Trichlorobenzene	13.450	180	6361	0.376	ug/L	#	95
108) Hexachlorobutadiene	14.009	225	2764	0.416	ug/L	#	87
109) 1,2,4-Trichlorobenzene	14.051	180	4017	0.359	ug/L		96
110) Naphthalene	14.348	128	4590	0.325	ug/L		100
111) 1,2,3-Trichlorobenzene	14.511	180	2767	0.354	ug/L		94

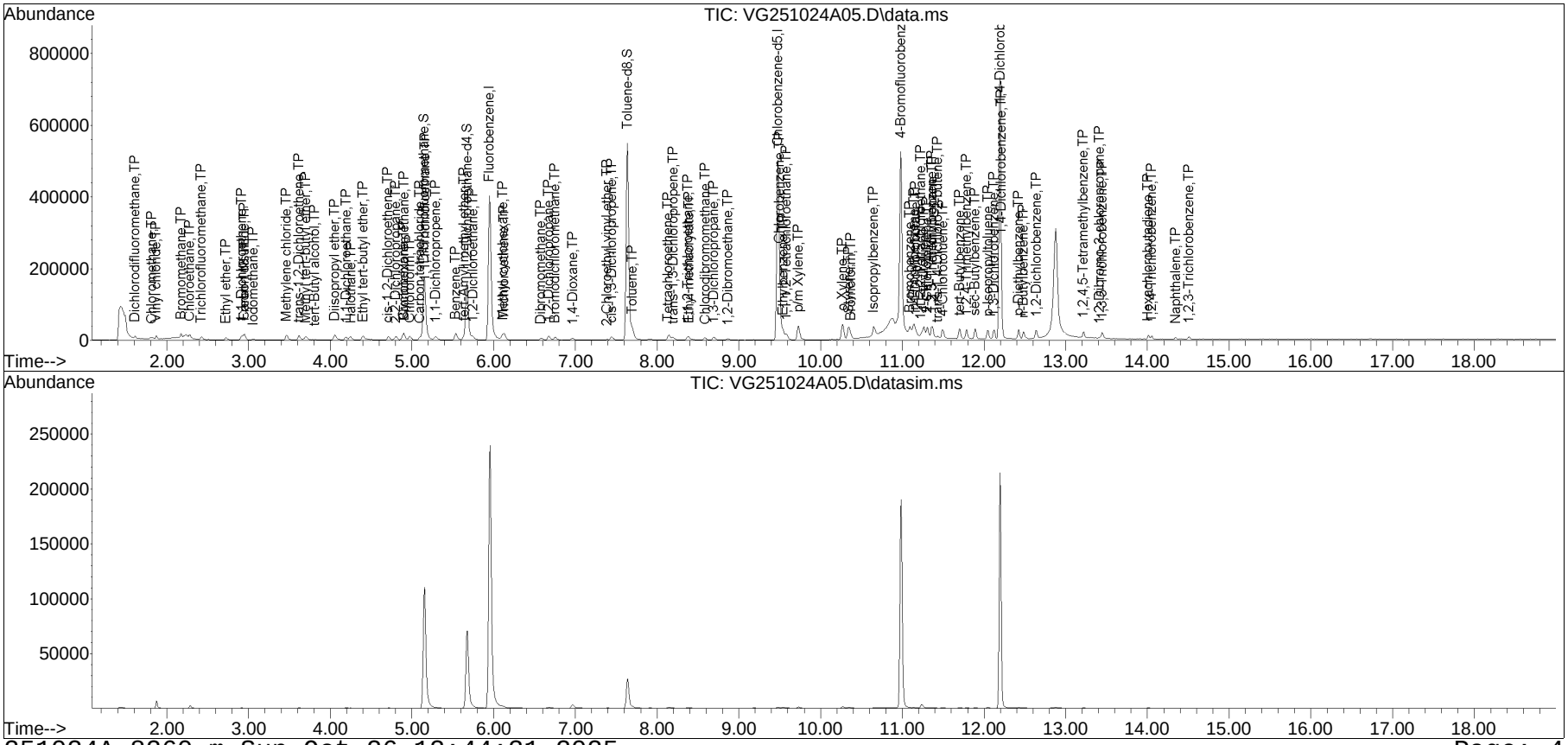
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A05.D
Acq On : 24 Oct 2025 2:01 pm
Operator : GONZO:PID
Sample : I8260STD0.5PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 26 12:24:49 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

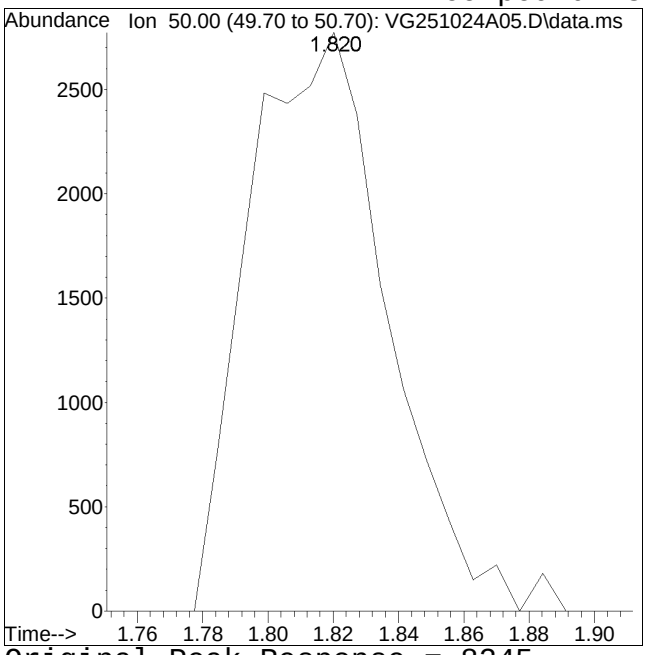
Sub List : 8260-Curve - Megamix plus DioxVG251024A09.D•



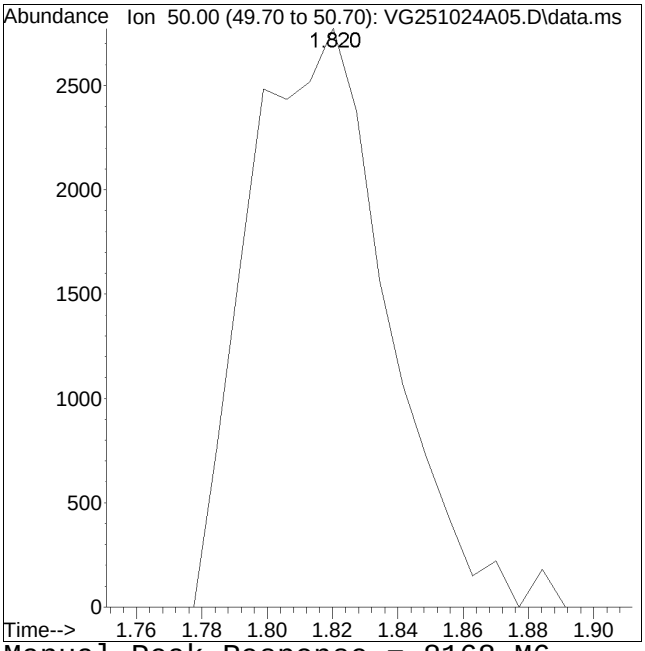
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A05.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 2:01 pm Instrument : Gonzo
Sample : I8260STD0.5PPB Quant Date : 10/26/2025 12:21 pm

Compound #3: Chloromethane



Original Peak Response = 8245



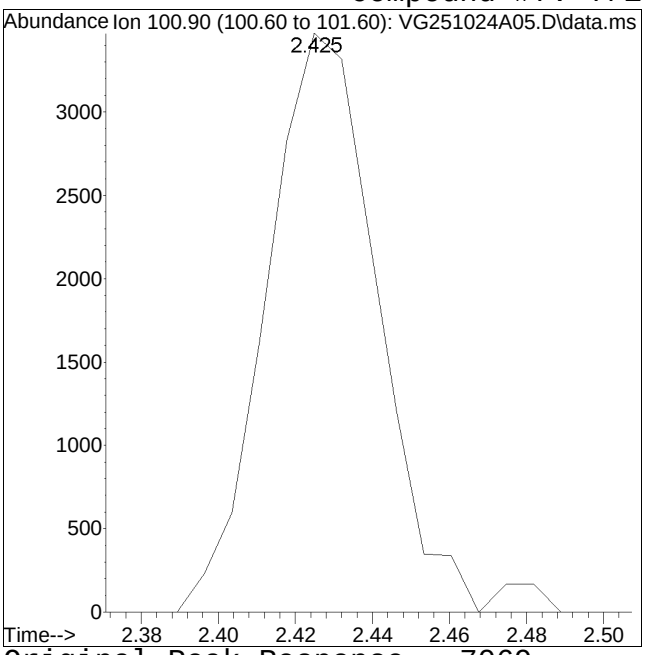
Manual Peak Response = 8168 M6

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

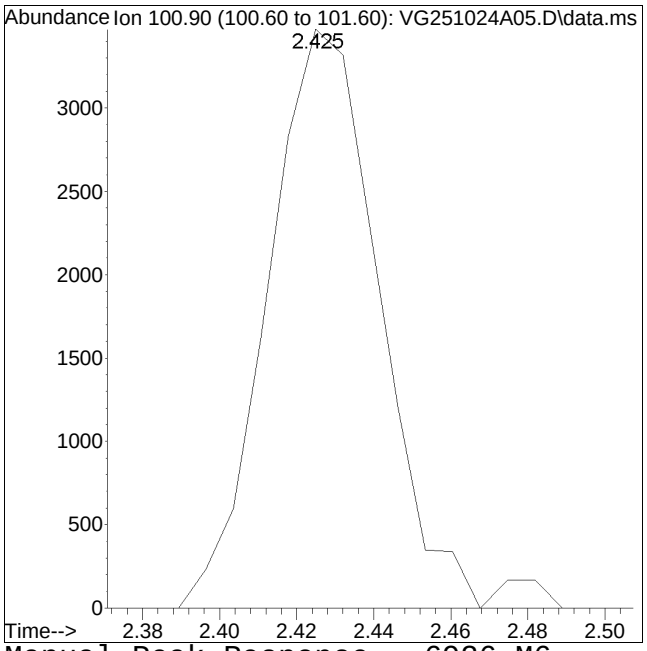
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A05.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 2:01 pm Instrument : Gonzo
Sample : I8260STD0.5PPB Quant Date : 10/26/2025 12:21 pm

Compound #7: Trichlorofluoromethane



Original Peak Response = 7069



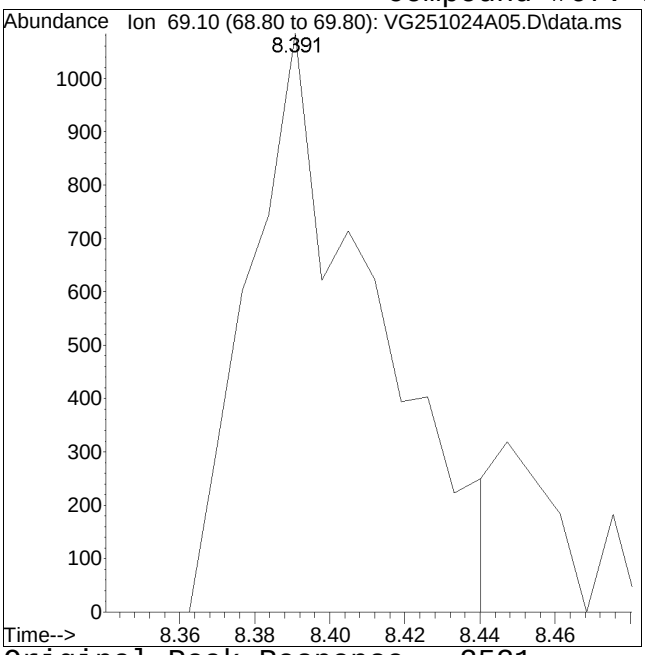
Manual Peak Response = 6926 M6

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

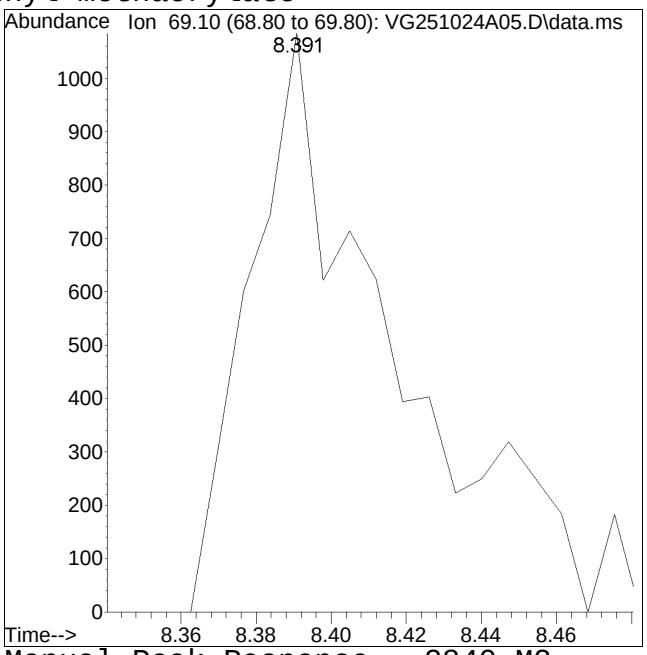
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A05.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 2:01 pm Instrument : Gonzo
Sample : I8260STD0.5PPB Quant Date : 10/26/2025 12:21 pm

Compound #67: Ethyl methacrylate



Original Peak Response = 2521



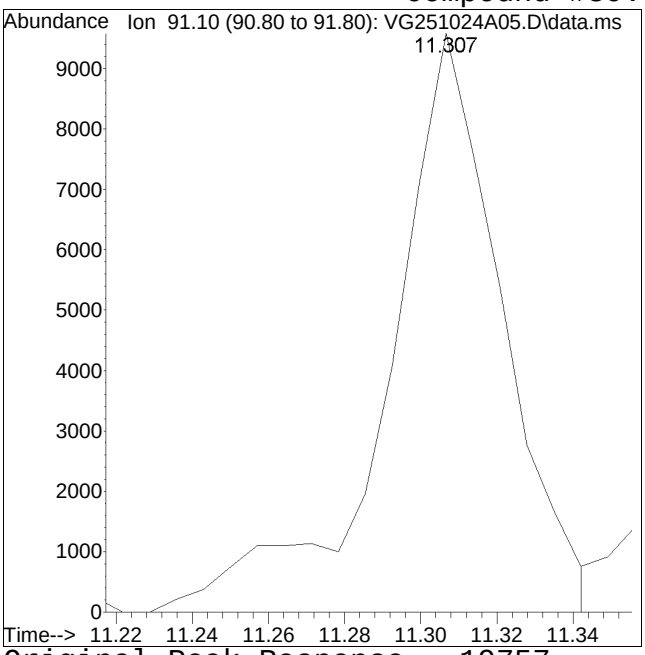
Manual Peak Response = 2840 M2

M2 = Peak not found by automatic integration algorithm.

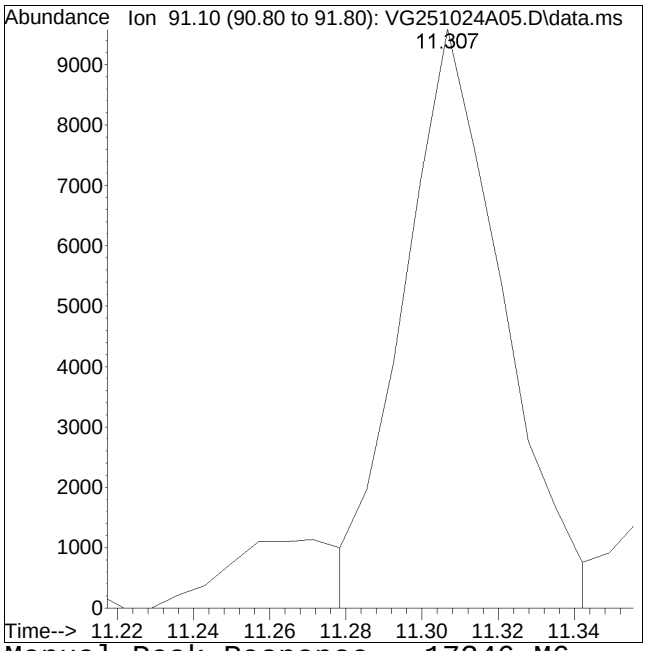
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A05.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 2:01 pm Instrument : Gonzo
Sample : I8260STD0.5PPB Quant Date : 10/26/2025 12:21 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 19757



Manual Peak Response = 17346 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A07.D
Acq On : 24 Oct 2025 2:55 pm
Operator : GONZO:PID
Sample : I8260STD2PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 26 12:26:11 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.950	96	471579	10.000 ug/L	0.00
Standard Area 1 = 507307			Recovery =	92.96%	
59) Chlorobenzene-d5	9.477	117	377125	10.000 ug/L	0.00
Standard Area 1 = 400345			Recovery =	94.20%	
79) 1,4-Dichlorobenzene-d4	12.198	152	223985	10.000 ug/L	0.00
Standard Area 1 = 246040			Recovery =	91.04%	
System Monitoring Compounds					
36) Dibromofluoromethane	5.150	113	127720	10.456 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.56%	
43) 1,2-Dichloroethane-d4	5.667	65	139623	10.059 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.59%	
60) Toluene-d8	7.636	98	484326	9.963 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.63%	
83) 4-Bromofluorobenzene	10.981	95	184463	10.552 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	105.52%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.614	85	25009	2.295 ug/L	100
3) Chloromethane	1.813	50	35809	2.111 ug/L	97
4) Vinyl chloride	1.870	62	30771	2.139 ug/L	99
5) Bromomethane	2.176	94	21917	2.097 ug/L	98
6) Chloroethane	2.283	64	20445	2.074 ug/L	97
7) Trichlorofluoromethane	2.425	101	34457	2.178 ug/L	100
8) Ethyl ether	2.724	74	9947	1.840 ug/L #	93
10) 1,1-Dichloroethene	2.916	96	20474	2.114 ug/L	96
11) Carbon disulfide	2.944	76	69702	2.098 ug/L	100
12) Freon-113	2.951	101	21944	2.378 ug/L	83
13) Iodomethane	3.051	142	12949	1.766 ug/L	100
14) Acrolein	3.243	56	1937M6	1.627 ug/L	
15) Methylene chloride	3.464	84	25091	2.035 ug/L	98
17) Acetone	3.528	43	3730M6	1.807 ug/L	
18) trans-1,2-Dichloroethene	3.613	96	23477	1.983 ug/L	98
19) Methyl acetate	3.627	43	9158	1.810 ug/L	95
20) Methyl tert-butyl ether	3.705	73	46959	1.800 ug/L	93
21) tert-Butyl alcohol	3.805	59	5289	8.559 ug/L #	72
22) Diisopropyl ether	4.054	45	73955	1.739 ug/L	97
23) 1,1-Dichloroethane	4.189	63	48548	1.976 ug/L	99
24) Halothane	4.246	117	19007	2.118 ug/L	96

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A07.D
Acq On : 24 Oct 2025 2:55 pm
Operator : GONZO:PID
Sample : I8260STD2PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 26 12:26:11 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.268	53	4915	1.817	ug/L		99
26) Ethyl tert-butyl ether	4.403	59	55554	1.695	ug/L		96
27) Vinyl acetate	4.438	43	43273	1.805	ug/L		99
28) cis-1,2-Dichloroethene	4.709	96	25925	1.910	ug/L		95
29) 2,2-Dichloropropane	4.801	77	32158	1.946	ug/L		89
30) Bromochloromethane	4.908	128	12252	1.977	ug/L		96
31) Cyclohexane	4.894	56	40491	2.030	ug/L		96
32) Chloroform	4.972	83	43693	2.069	ug/L		99
33) Ethyl acetate	5.093	43	14801	1.839	ug/L		95
34) Carbon tetrachloride	5.100	117	33744	2.040	ug/L		96
35) Tetrahydrofuran	5.128	42	5336M6	2.003	ug/L		
37) 1,1,1-Trichloroethane	5.164	97	36946	2.054	ug/L		97
39) 2-Butanone	5.285	43	5449M1	1.589	ug/L		
40) 1,1-Dichloropropene	5.292	75	27591	1.911	ug/L		97
41) Benzene	5.533	78	90493	1.870	ug/L		98
42) tert-Amyl methyl ether	5.639	73	41236	1.608	ug/L		92
44) 1,2-Dichloroethane	5.745	62	30097	1.986	ug/L		94
47) Methyl cyclohexane	6.105	83	35049	1.987	ug/L		98
48) Trichloroethene	6.133	95	26488	2.038	ug/L		97
50) Dibromomethane	6.577	93	11699	1.899	ug/L		95
51) 1,2-Dichloropropane	6.676	63	26564	1.970	ug/L		98
53) 2-Chloroethyl vinyl ether	7.368	63	5707	2.020	ug/L		92
54) Bromodichloromethane	6.747	83	31112	1.902	ug/L		100
57) 1,4-Dioxane	6.958	88	23441	359.728	ug/L		99
58) cis-1,3-Dichloropropene	7.438	75	33694	1.845	ug/L		99
61) Toluene	7.699	92	60239	1.909	ug/L		99
62) 4-Methyl-2-pentanone	8.144	58	3927	1.556	ug/L		82
63) Tetrachloroethene	8.137	166	29036	1.997	ug/L		100
65) trans-1,3-Dichloropropene	8.193	75	27538	1.800	ug/L		91
67) Ethyl methacrylate	8.370	69	15836	1.634	ug/L		94
68) 1,1,2-Trichloroethane	8.377	83	15119	1.998	ug/L		95
69) Chlorodibromomethane	8.574	129	22079	1.842	ug/L		98
70) 1,3-Dichloropropane	8.687	76	28962	1.862	ug/L		99
71) 1,2-Dibromoethane	8.856	107	16472	1.881	ug/L	#	100
72) 2-Hexanone	9.160	43	6240	1.314	ug/L		94
73) Chlorobenzene	9.499	112	72058	1.911	ug/L		97
74) Ethylbenzene	9.534	91	112779	1.831	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.583	131	24908	1.870	ug/L		97
76) p/m Xylene	9.724	106	86576	3.522	ug/L		99
77) o Xylene	10.268	106	84354	3.480	ug/L		99

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A07.D
Acq On : 24 Oct 2025 2:55 pm
Operator : GONZO:PID
Sample : I8260STD2PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 26 12:26:11 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	10.338	104	135671	3.359	ug/L	99
80) Bromoform	10.366	173	13256	1.800	ug/L	96
82) Isopropylbenzene	10.649	105	111101	1.844	ug/L	100
84) Bromobenzene	11.095	156	31847	1.945	ug/L	99
85) n-Propylbenzene	11.137	91	141599	1.944	ug/L	97
86) 1,4-Dichlorobutane	11.158	55	34482	1.949	ug/L	98
87) 1,1,2,2-Tetrachloroethane	11.236	83	21442	2.014	ug/L	96
88) 4-Ethyltoluene	11.264	105	112936	1.861	ug/L	100
89) 2-Chlorotoluene	11.307	91	86927M6	1.949	ug/L	
90) 1,3,5-Trimethylbenzene	11.356	105	96044	1.852	ug/L	98
91) 1,2,3-Trichloropropane	11.370	75	17545M1	2.140	ug/L	
92) trans-1,4-Dichloro-2-b...	11.427	53	5737	1.889	ug/L	95
93) 4-Chlorotoluene	11.491	91	81552	1.819	ug/L	99
94) tert-Butylbenzene	11.703	119	82208	1.875	ug/L	100
97) 1,2,4-Trimethylbenzene	11.781	105	81644	1.683	ug/L	99
98) sec-Butylbenzene	11.894	105	116810	1.807	ug/L	100
99) p-Isopropyltoluene	12.042	119	95671	1.732	ug/L	99
100) 1,3-Dichlorobenzene	12.120	146	60158	1.896	ug/L	99
101) 1,4-Dichlorobenzene	12.212	146	62046	1.975	ug/L	97
102) p-Diethylbenzene	12.424	119	51060	1.662	ug/L	99
103) n-Butylbenzene	12.481	91	76796	1.776	ug/L	98
104) 1,2-Dichlorobenzene	12.636	146	52923	1.861	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.217	119	49219	1.628	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.422	155	2769	1.765	ug/L	95
107) 1,3,5-Trichlorobenzene	13.443	180	31548	1.802	ug/L	100
108) Hexachlorobutadiene	14.016	225	14417	2.093	ug/L	95
109) 1,2,4-Trichlorobenzene	14.044	180	19821	1.711	ug/L	97
110) Naphthalene	14.341	128	21882	1.496	ug/L	100
111) 1,2,3-Trichlorobenzene	14.504	180	13300	1.644	ug/L	98

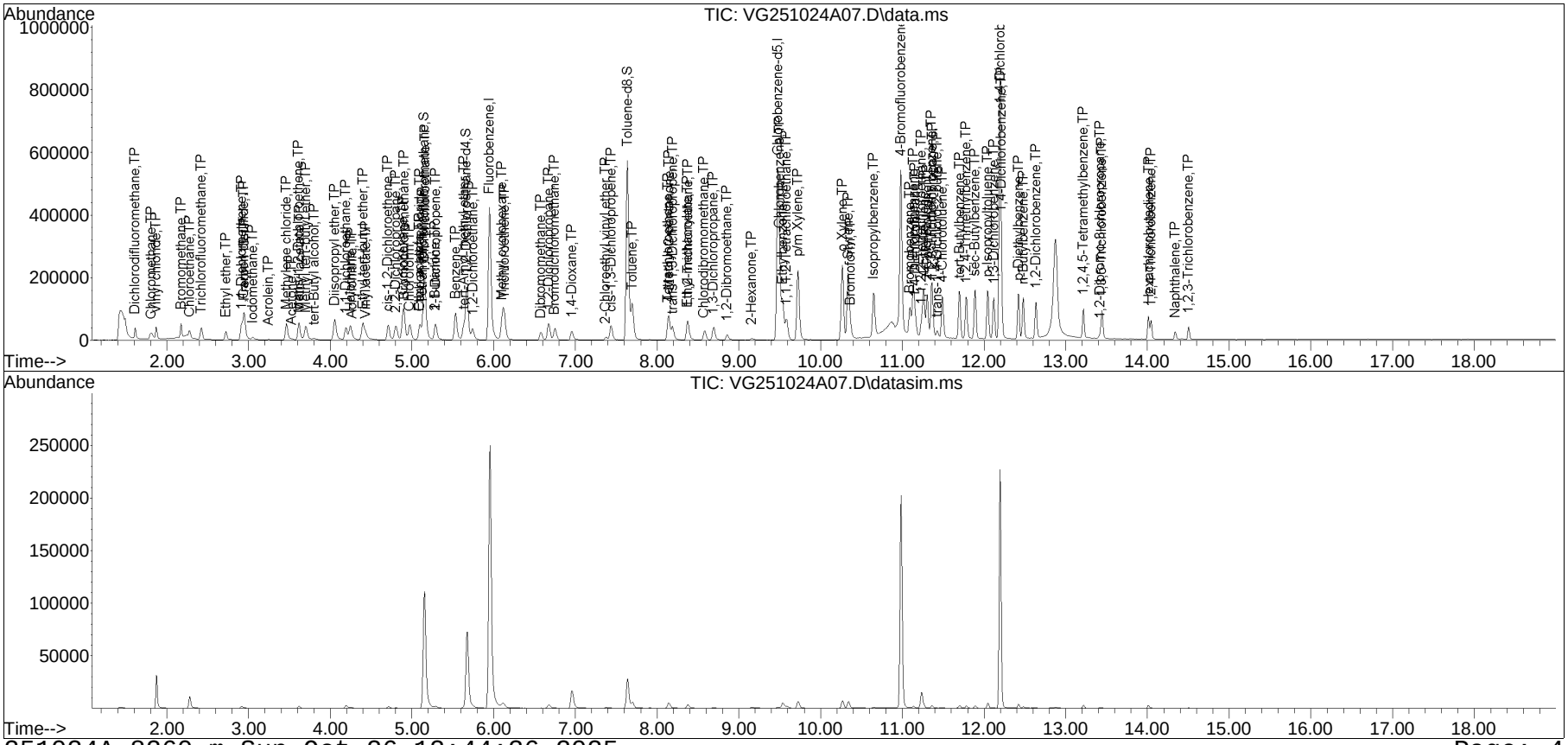
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A07.D
Acq On : 24 Oct 2025 2:55 pm
Operator : GONZO:PID
Sample : I8260STD2PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 26 12:26:11 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

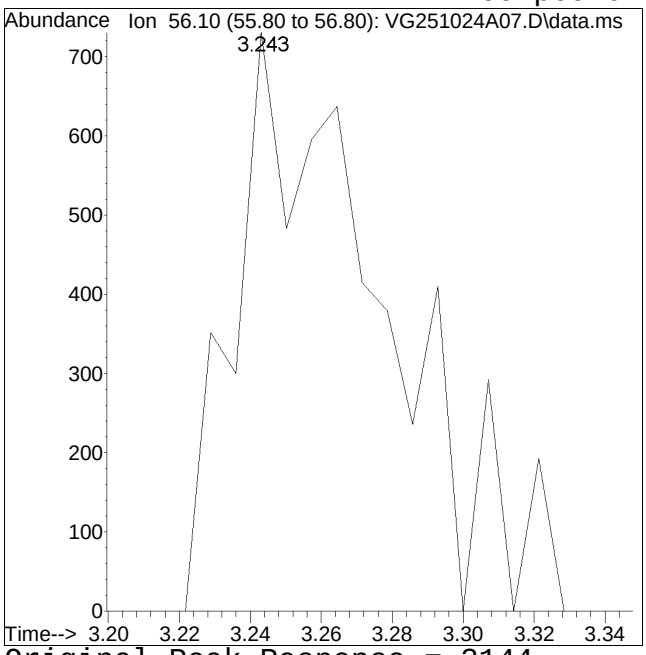
Sub List : 8260-Curve - Megamix plus DioxVG251024A09.D•



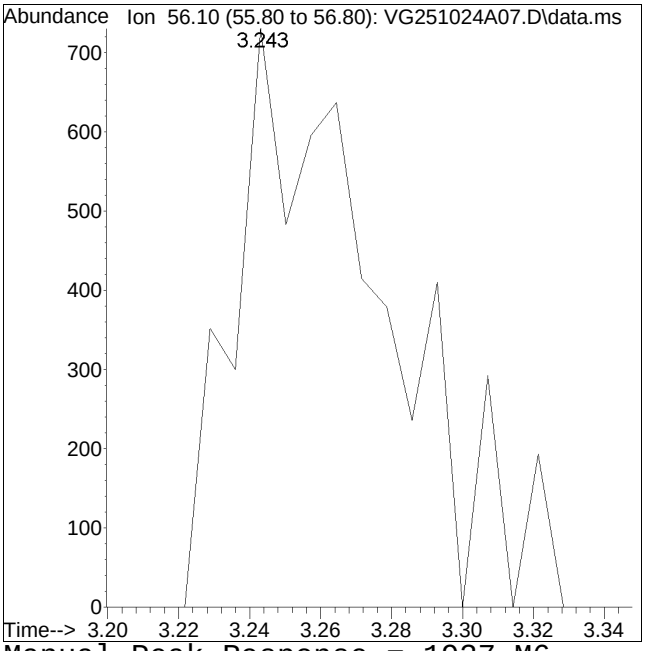
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A07.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 2:55 pm Instrument : Gonzo
Sample : I8260STD2PPB Quant Date : 10/26/2025 12:22 pm

Compound #14: Acrolein



Original Peak Response = 2144



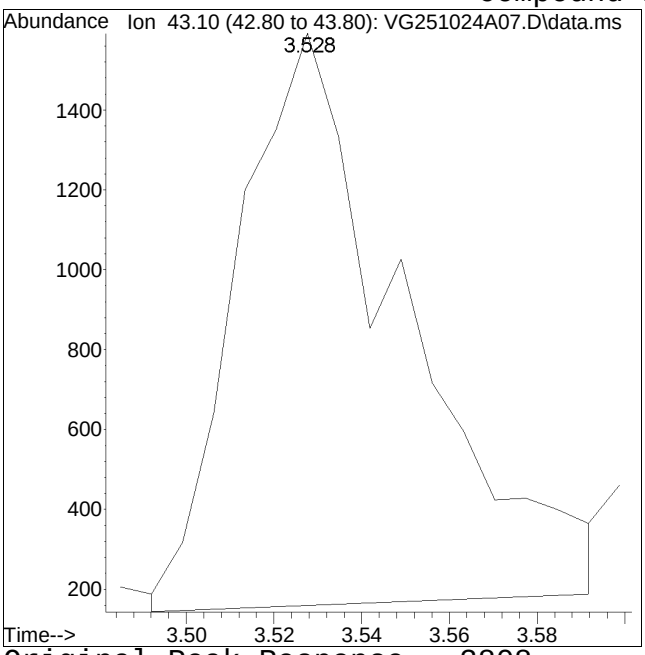
Manual Peak Response = 1937 M6

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

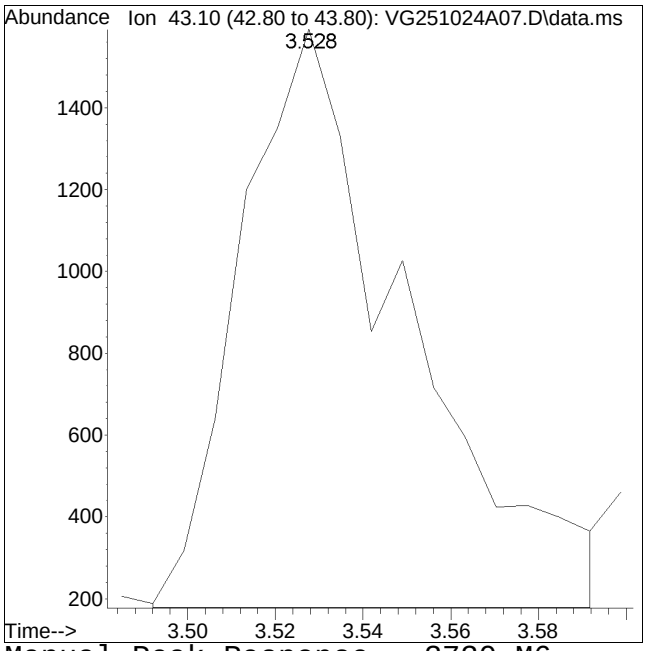
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A07.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 2:55 pm Instrument : Gonzo
Sample : I8260STD2PPB Quant Date : 10/26/2025 12:22 pm

Compound #17: Acetone



Original Peak Response = 3808



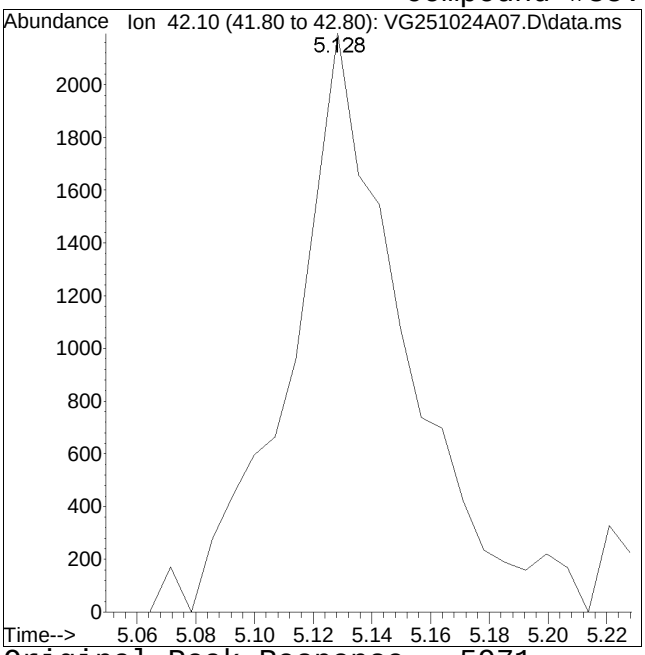
Manual Peak Response = 3730 M6

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

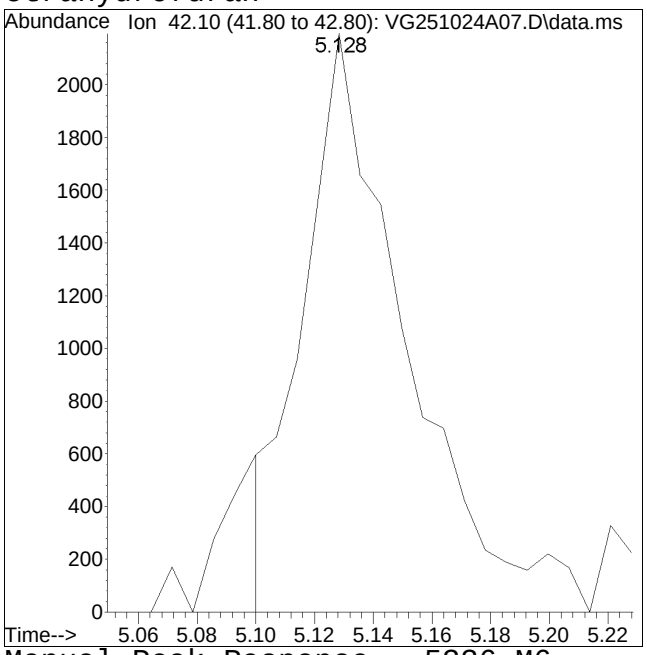
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A07.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 2:55 pm Instrument : Gonzo
Sample : I8260STD2PPB Quant Date : 10/26/2025 12:22 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 5971



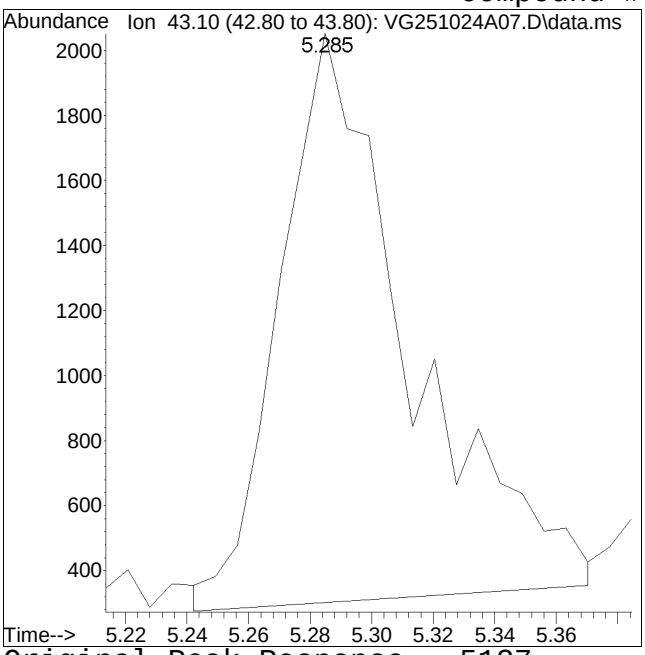
Manual Peak Response = 5336 M6

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

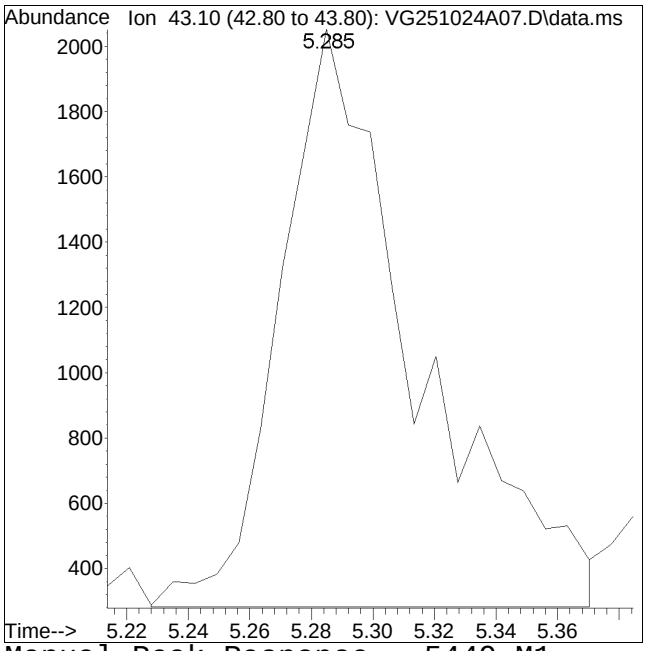
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A07.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 2:55 pm Instrument : Gonzo
Sample : I8260STD2PPB Quant Date : 10/26/2025 12:22 pm

Compound #39: 2-Butanone



Original Peak Response = 5127



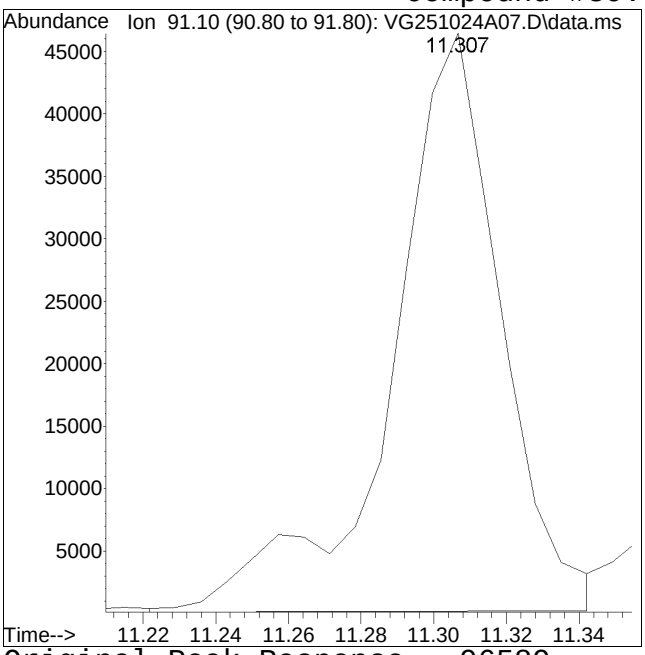
Manual Peak Response = 5449 M1

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

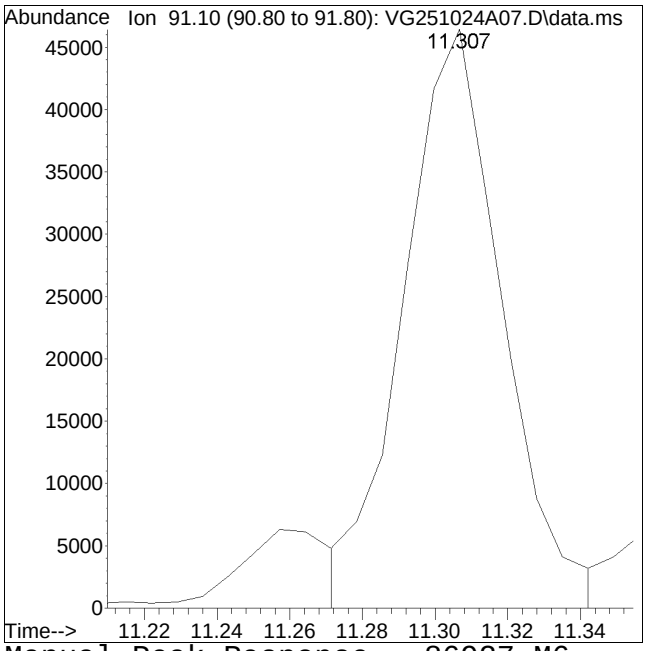
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A07.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 2:55 pm Instrument : Gonzo
Sample : I8260STD2PPB Quant Date : 10/26/2025 12:22 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 96589



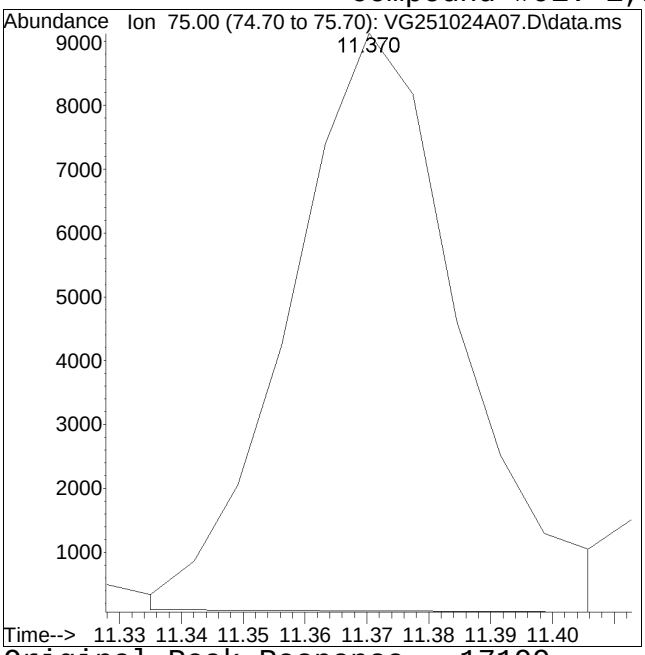
Manual Peak Response = 86927 M6

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

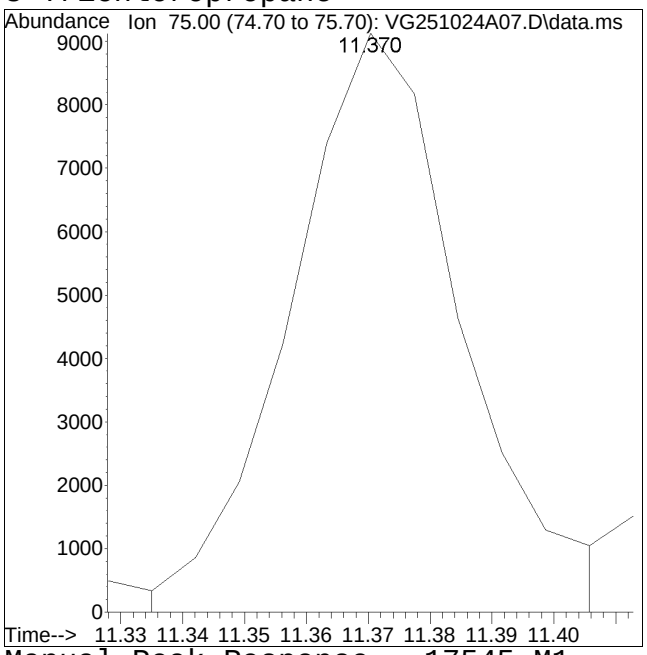
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A07.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 2:55 pm Instrument : Gonzo
Sample : I8260STD2PPB Quant Date : 10/26/2025 12:22 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 17199



Manual Peak Response = 17545 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A09.D
Acq On : 24 Oct 2025 3:48 pm
Operator : GONZO:PID
Sample : I8260STD10PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 26 12:20:43 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:11:31 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.949	96	507307	10.000	ug/L	0.00
Standard Area 1 = 507307			Recovery = 100.00%			
59) Chlorobenzene-d5	9.477	117	400345	10.000	ug/L	0.00
Standard Area 1 = 400345			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.198	152	246040	10.000	ug/L	0.00
Standard Area 1 = 246040			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	131403	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.00%			
43) 1,2-Dichloroethane-d4	5.674	65	149314	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.00%			
60) Toluene-d8	7.636	98	516062	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.00%			
83) 4-Bromofluorobenzene	10.981	95	192027	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.614	85	117221	10.000	ug/L	100
3) Chloromethane	1.813	50	182525	10.000	ug/L	100
4) Vinyl chloride	1.877	62	154738	10.000	ug/L	100
5) Bromomethane	2.176	94	112419	10.000	ug/L	100
6) Chloroethane	2.276	64	106041	10.000	ug/L	100
7) Trichlorofluoromethane	2.425	101	170208	10.000	ug/L	100
8) Ethyl ether	2.724	74	58140	10.000	ug/L	100
10) 1,1-Dichloroethene	2.916	96	104207	10.000	ug/L	100
11) Carbon disulfide	2.944	76	357377	10.000	ug/L	100
12) Freon-113	2.951	101	99254	10.000	ug/L	100
13) Iodomethane	3.058	142	78893	10.000	ug/L	100
14) Acrolein	3.243	56	12807	10.000	ug/L	100
15) Methylene chloride	3.464	84	132670	10.000	ug/L	100
17) Acetone	3.513	43	22203	10.000	ug/L	100
18) trans-1,2-Dichloroethene	3.613	96	127360	10.000	ug/L	100
19) Methyl acetate	3.627	43	54442	10.000	ug/L	100
20) Methyl tert-butyl ether	3.698	73	280654	10.000	ug/L	100
21) tert-Butyl alcohol	3.805	59	33239	50.000	ug/L	100
22) Diisopropyl ether	4.054	45	457409	10.000	ug/L	100
23) 1,1-Dichloroethane	4.189	63	264244	10.000	ug/L	100
24) Halothane	4.246	117	96544	10.000	ug/L	100

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A09.D
Acq On : 24 Oct 2025 3:48 pm
Operator : GONZO:PID
Sample : I8260STD10PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 26 12:20:43 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:11:31 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.246	53	29099	10.000	ug/L		100
26) Ethyl tert-butyl ether	4.403	59	352586	10.000	ug/L		100
27) Vinyl acetate	4.424	43	257936	10.000	ug/L		100
28) cis-1,2-Dichloroethene	4.709	96	146004	10.000	ug/L		100
29) 2,2-Dichloropropane	4.801	77	177791	10.000	ug/L		100
30) Bromochloromethane	4.901	128	66680	10.000	ug/L		100
31) Cyclohexane	4.894	56	214549	10.000	ug/L		100
32) Chloroform	4.972	83	227153	10.000	ug/L		100
33) Ethyl acetate	5.079	43	86581	10.000	ug/L		100
34) Carbon tetrachloride	5.100	117	177977	10.000	ug/L		100
35) Tetrahydrofuran	5.121	42	28661M6	10.000	ug/L		
37) 1,1,1-Trichloroethane	5.164	97	193516	10.000	ug/L		100
39) 2-Butanone	5.271	43	36889	10.000	ug/L		100
40) 1,1-Dichloropropene	5.285	75	155299	10.000	ug/L		100
41) Benzene	5.533	78	520445	10.000	ug/L		100
42) tert-Amyl methyl ether	5.632	73	275860	10.000	ug/L		100
44) 1,2-Dichloroethane	5.745	62	163027	10.011	ug/L		100
47) Methyl cyclohexane	6.112	83	189711	10.000	ug/L		100
48) Trichloroethene	6.126	95	139797	10.000	ug/L		100
50) Dibromomethane	6.577	93	66290	10.000	ug/L		100
51) 1,2-Dichloropropane	6.669	63	145055	10.000	ug/L		100
53) 2-Chloroethyl vinyl ether	7.368	63	30398M6	10.000	ug/L		
54) Bromodichloromethane	6.747	83	175930	10.000	ug/L		100
57) 1,4-Dioxane	6.958	88	35050	500.000	ug/L		100
58) cis-1,3-Dichloropropene	7.431	75	196480	10.000	ug/L		100
61) Toluene	7.692	92	335016	10.000	ug/L		100
62) 4-Methyl-2-pentanone	8.130	58	26797	10.000	ug/L		100
63) Tetrachloroethene	8.137	166	154377	10.000	ug/L		100
65) trans-1,3-Dichloropropene	8.179	75	162417	10.000	ug/L		100
67) Ethyl methacrylate	8.370	69	102859	10.000	ug/L		100
68) 1,1,2-Trichloroethane	8.370	83	80337	10.000	ug/L		100
69) Chlorodibromomethane	8.581	129	127256	10.000	ug/L		100
70) 1,3-Dichloropropane	8.687	76	165096	10.000	ug/L		100
71) 1,2-Dibromoethane	8.856	107	92965	10.000	ug/L	#	100
72) 2-Hexanone	9.139	43	50429	10.000	ug/L		100
73) Chlorobenzene	9.499	112	400317	10.000	ug/L		100
74) Ethylbenzene	9.534	91	653931	10.000	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.583	131	141395	10.000	ug/L		100
76) p/m Xylene	9.724	106	521915	20.000	ug/L		100
77) o Xylene	10.261	106	514654	20.000	ug/L		100

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A09.D
Acq On : 24 Oct 2025 3:48 pm
Operator : GONZO:PID
Sample : I8260STD10PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 26 12:20:43 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:11:31 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	10.331	104	857636	20.000	ug/L	100
80) Bromoform	10.366	173	80884	10.000	ug/L	100
82) Isopropylbenzene	10.649	105	661928	10.000	ug/L	100
84) Bromobenzene	11.094	156	179849	10.000	ug/L	100
85) n-Propylbenzene	11.130	91	800286	10.000	ug/L	100
86) 1,4-Dichlorobutane	11.158	55	194389	10.000	ug/L	100
87) 1,1,2,2-Tetrachloroethane	11.236	83	116928	10.000	ug/L	100
88) 4-Ethyltoluene	11.257	105	666685	10.000	ug/L	100
89) 2-Chlorotoluene	11.300	91	489862M6	10.000	ug/L	
90) 1,3,5-Trimethylbenzene	11.356	105	569686	10.000	ug/L	100
91) 1,2,3-Trichloropropane	11.370	75	90079	10.000	ug/L	100
92) trans-1,4-Dichloro-2-b...	11.420	53	33369M1	10.000	ug/L	
93) 4-Chlorotoluene	11.491	91	492352	10.000	ug/L	100
94) tert-Butylbenzene	11.696	119	481495	10.000	ug/L	100
97) 1,2,4-Trimethylbenzene	11.781	105	532986	10.000	ug/L	100
98) sec-Butylbenzene	11.887	105	709987	10.000	ug/L	100
99) p-Isopropyltoluene	12.042	119	606635	10.000	ug/L	100
100) 1,3-Dichlorobenzene	12.113	146	348561	10.000	ug/L	100
101) 1,4-Dichlorobenzene	12.212	146	345087	10.000	ug/L	100
102) p-Diethylbenzene	12.417	119	337550	10.000	ug/L	100
103) n-Butylbenzene	12.481	91	474902	10.000	ug/L	100
104) 1,2-Dichlorobenzene	12.636	146	312365	10.000	ug/L	100
105) 1,2,4,5-Tetramethylben...	13.216	119	332127	10.000	ug/L	100
106) 1,2-Dibromo-3-chloropr...	13.415	155	17235	10.000	ug/L	100
107) 1,3,5-Trichlorobenzene	13.443	180	192355	10.000	ug/L	100
108) Hexachlorobutadiene	14.016	225	75660	10.000	ug/L	100
109) 1,2,4-Trichlorobenzene	14.044	180	127231	10.000	ug/L	100
110) Naphthalene	14.334	128	160632	10.000	ug/L	100
111) 1,2,3-Trichlorobenzene	14.504	180	88891	10.000	ug/L	100

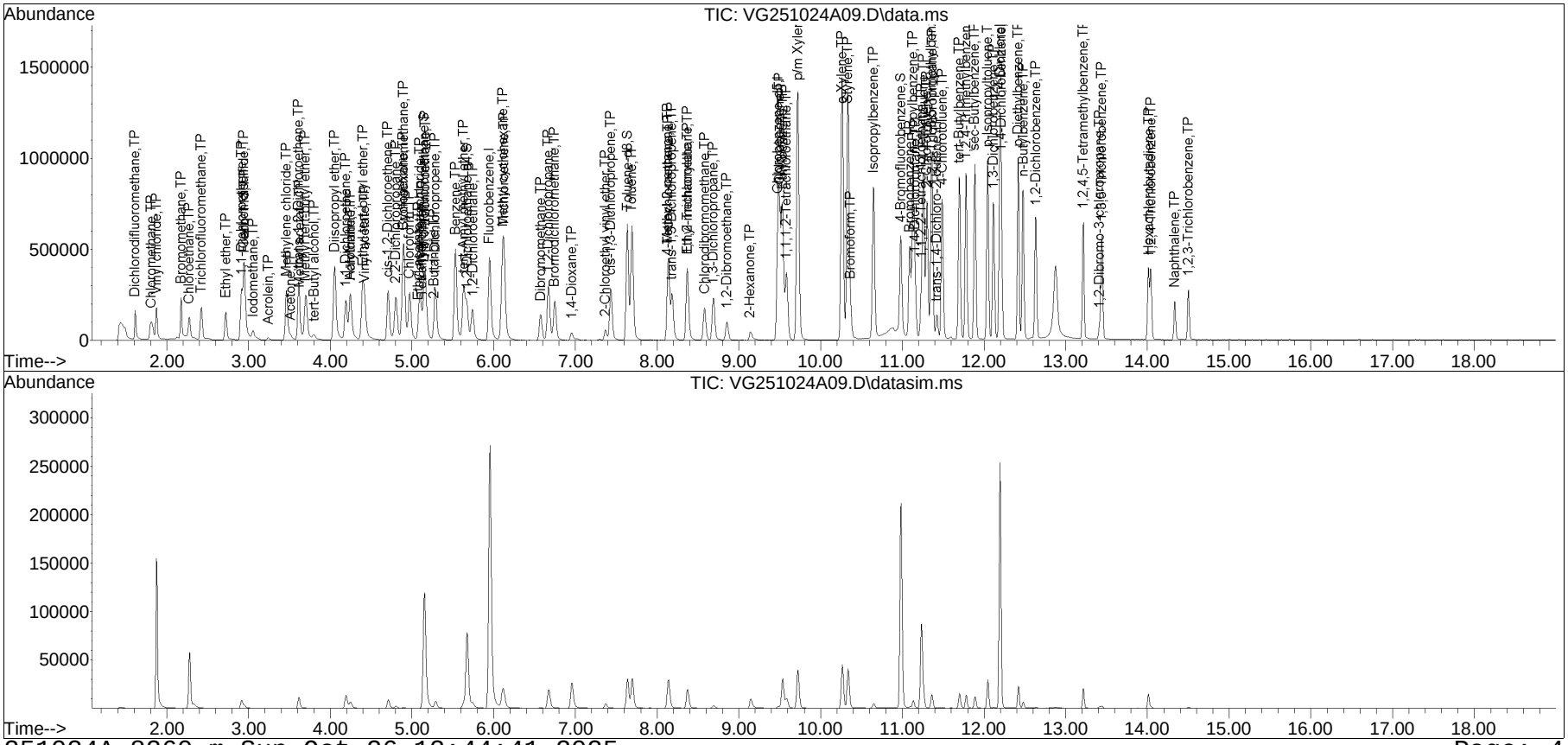
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A09.D
Acq On : 24 Oct 2025 3:48 pm
Operator : GONZO:PID
Sample : I8260STD10PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 26 12:20:43 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:11:31 2025
Response via : Initial Calibration

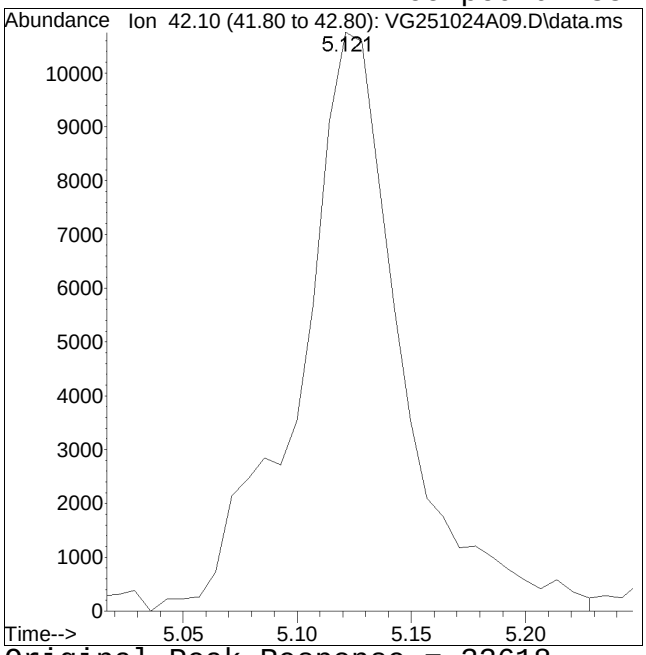
Sub List : 8260-Curve - Megamix plus DioxVG251024A09.D•



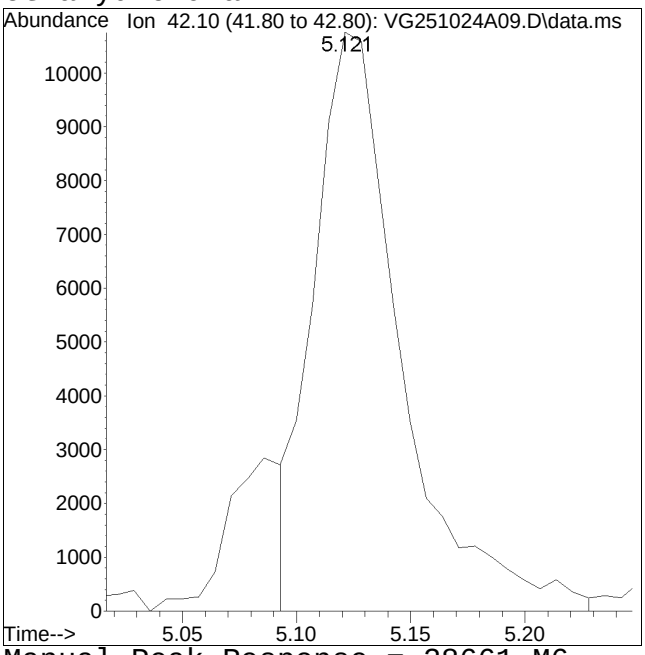
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A09.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 3:48 pm Instrument : Gonzo
Sample : I8260STD10PPB Quant Date : 10/26/2025 12:20 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 33618



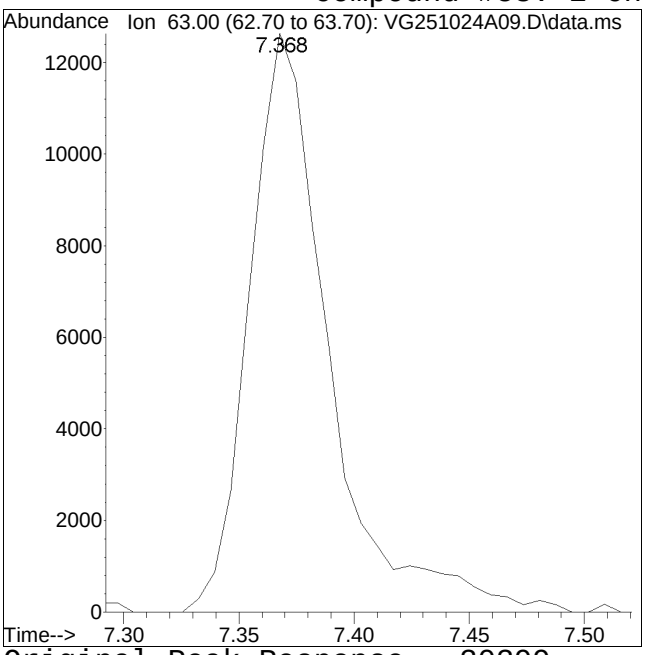
Manual Peak Response = 28661 M6

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

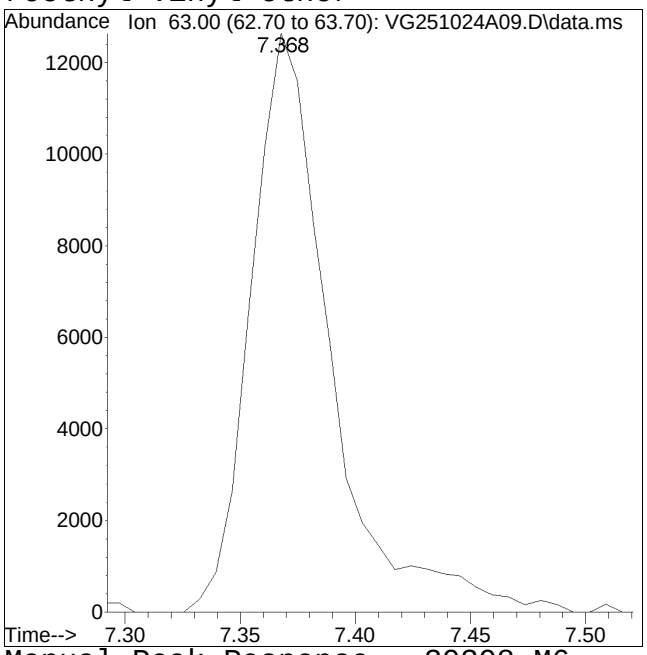
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A09.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 3:48 pm Instrument : Gonzo
Sample : I8260STD10PPB Quant Date : 10/26/2025 12:20 pm

Compound #53: 2-Chloroethyl vinyl ether



Original Peak Response = 30399



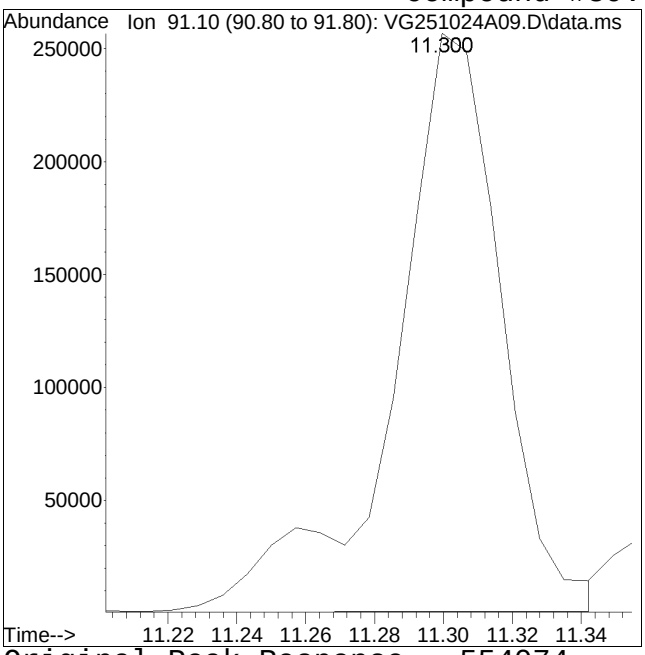
Manual Peak Response = 30398 M6

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

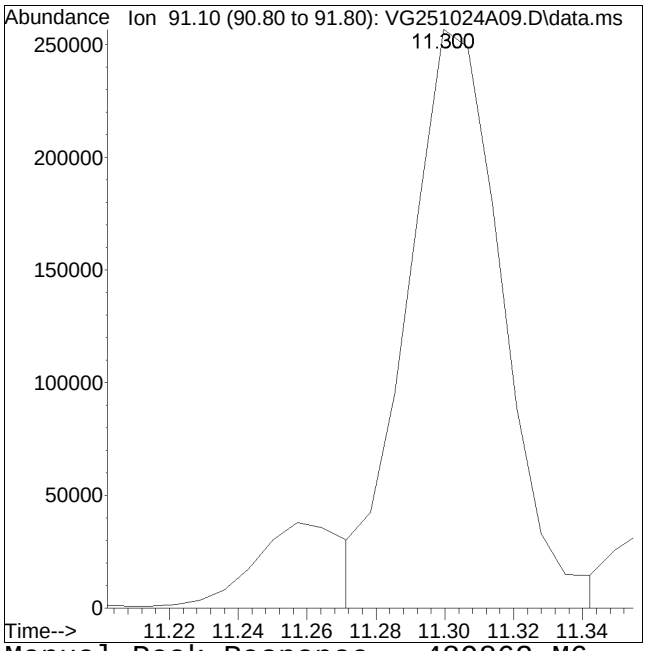
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A09.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 3:48 pm Instrument : Gonzo
Sample : I8260STD10PPB Quant Date : 10/26/2025 12:20 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 554074



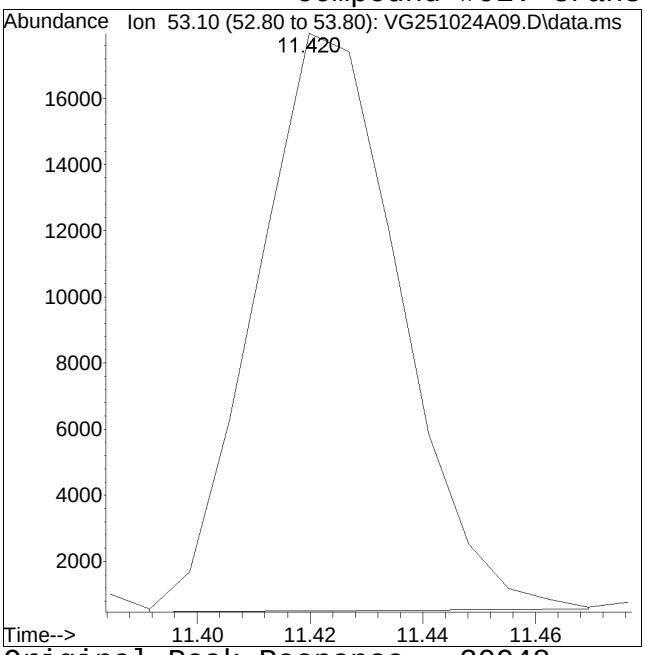
Manual Peak Response = 489862 M6

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

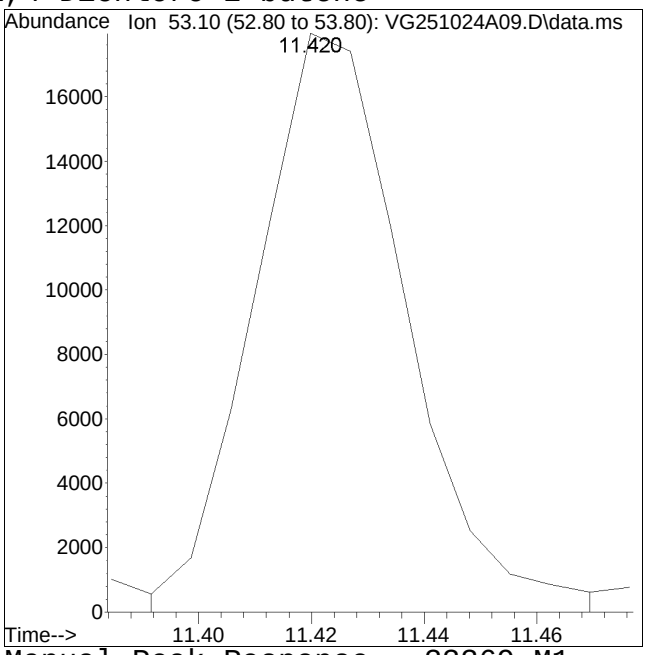
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A09.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 3:48 pm Instrument : Gonzo
Sample : I8260STD10PPB Quant Date : 10/26/2025 12:20 pm

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 30948



Manual Peak Response = 33369 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A10.D
Acq On : 24 Oct 2025 4:14 pm
Operator : GONZO:PID
Sample : I8260STD30PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 26 12:26:57 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.950	96	544738	10.000	ug/L	0.00
Standard Area 1 = 507307			Recovery = 107.38%			
59) Chlorobenzene-d5	9.477	117	432986	10.000	ug/L	0.00
Standard Area 1 = 400345			Recovery = 108.15%			
79) 1,4-Dichlorobenzene-d4	12.198	152	309043	10.000	ug/L	0.00
Standard Area 1 = 246040			Recovery = 125.61%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	142204	10.078	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.78%			
43) 1,2-Dichloroethane-d4	5.674	65	148148	9.240	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.40%			
60) Toluene-d8	7.636	98	560257	10.038	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.38%			
83) 4-Bromofluorobenzene	10.981	95	208865	8.659	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 86.59%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.614	85	454437	36.104	ug/L	99
3) Chloromethane	1.806	50	571672	29.168	ug/L	99
4) Vinyl chloride	1.870	62	531113	31.965	ug/L	99
5) Bromomethane	2.176	94	333897	27.660	ug/L	98
6) Chloroethane	2.269	64	297076	26.090	ug/L	100
7) Trichlorofluoromethane	2.418	101	636996	34.853	ug/L	100
8) Ethyl ether	2.717	74	199555	31.965	ug/L	97
10) 1,1-Dichloroethene	2.916	96	374458	33.465	ug/L	98
11) Carbon disulfide	2.944	76	1197472	31.205	ug/L	99
12) Freon-113	2.944	101	403116	37.824	ug/L	76
13) Iodomethane	3.051	142	389482	45.976	ug/L	100
14) Acrolein	3.236	56	43989	31.987	ug/L #	80
15) Methylene chloride	3.464	84	413923	29.056	ug/L	99
17) Acetone	3.506	43	80790	33.887	ug/L	99
18) trans-1,2-Dichloroethene	3.613	96	415368	30.373	ug/L	99
19) Methyl acetate	3.620	43	187288	32.038	ug/L	99
20) Methyl tert-butyl ether	3.698	73	957034	31.757	ug/L	98
21) tert-Butyl alcohol	3.798	59	113918	159.587	ug/L	93
22) Diisopropyl ether	4.054	45	1563516	31.833	ug/L	99
23) 1,1-Dichloroethane	4.189	63	833741	29.384	ug/L	99
24) Halothane	4.246	117	341845	32.975	ug/L	100

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A10.D
Acq On : 24 Oct 2025 4:14 pm
Operator : GONZO:PID
Sample : I8260STD30PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 26 12:26:57 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.239	53	101210	32.391	ug/L		98
26) Ethyl tert-butyl ether	4.396	59	1252147	33.073	ug/L		99
27) Vinyl acetate	4.424	43	930119	33.582	ug/L		99
28) cis-1,2-Dichloroethene	4.709	96	456978	29.148	ug/L		95
29) 2,2-Dichloropropane	4.801	77	597534	31.299	ug/L		99
30) Bromochloromethane	4.901	128	200497	28.002	ug/L		99
31) Cyclohexane	4.894	56	877772	38.101	ug/L		98
32) Chloroform	4.972	83	742734	30.451	ug/L		98
33) Ethyl acetate	5.079	43	305982	32.912	ug/L		97
34) Carbon tetrachloride	5.100	117	629835	32.957	ug/L		99
35) Tetrahydrofuran	5.121	42	96186M6	31.254	ug/L		
37) 1,1,1-Trichloroethane	5.164	97	667356	32.116	ug/L		98
39) 2-Butanone	5.264	43	125056	31.571	ug/L		99
40) 1,1-Dichloropropene	5.285	75	557468	33.430	ug/L		100
41) Benzene	5.533	78	1708434	30.571	ug/L		99
42) tert-Amyl methyl ether	5.632	73	976915	32.980	ug/L		98
44) 1,2-Dichloroethane	5.738	62	527942	30.159	ug/L		99
47) Methyl cyclohexane	6.105	83	801243	39.333	ug/L		99
48) Trichloroethene	6.126	95	460380	30.669	ug/L		99
50) Dibromomethane	6.571	93	219586	30.849	ug/L		100
51) 1,2-Dichloropropane	6.669	63	471079	30.244	ug/L		99
53) 2-Chloroethyl vinyl ether	7.368	63	120277	36.849	ug/L		93
54) Bromodichloromethane	6.747	83	572198	30.289	ug/L		99
57) 1,4-Dioxane	6.952	88	50987	677.368	ug/L		97
58) cis-1,3-Dichloropropene	7.431	75	671718	31.838	ug/L		98
61) Toluene	7.692	92	1101551	30.402	ug/L		100
62) 4-Methyl-2-pentanone	8.130	58	101474	35.013	ug/L		98
63) Tetrachloroethene	8.137	166	536814	32.152	ug/L		99
65) trans-1,3-Dichloropropene	8.186	75	563615	32.086	ug/L		99
67) Ethyl methacrylate	8.363	69	383599	34.482	ug/L		94
68) 1,1,2-Trichloroethane	8.370	83	268120	30.858	ug/L		99
69) Chlorodibromomethane	8.581	129	432279	31.408	ug/L		99
70) 1,3-Dichloropropane	8.687	76	543826	30.457	ug/L		100
71) 1,2-Dibromoethane	8.850	107	318314	31.659	ug/L	#	100
72) 2-Hexanone	9.139	43	185245	33.965	ug/L		98
73) Chlorobenzene	9.499	112	1301103	30.052	ug/L		100
74) Ethylbenzene	9.534	91	2202216	31.138	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.583	131	478061	31.262	ug/L		98
76) p/m Xylene	9.717	106	1739281	61.626	ug/L		99
77) o Xylene	10.261	106	1703605	61.213	ug/L		99

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A10.D
Acq On : 24 Oct 2025 4:14 pm
Operator : GONZO:PID
Sample : I8260STD30PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 26 12:26:57 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	10.331	104	2884077	62.186	ug/L	99
80) Bromoform	10.367	173	285008	28.053	ug/L	99
82) Isopropylbenzene	10.649	105	2325082	27.965	ug/L	100
84) Bromobenzene	11.088	156	577445	25.562	ug/L	98
85) n-Propylbenzene	11.130	91	2763424	27.491	ug/L	99
86) 1,4-Dichlorobutane	11.158	55	648948	26.578	ug/L	100
87) 1,1,2,2-Tetrachloroethane	11.236	83	430931	29.341	ug/L	100
88) 4-Ethyltoluene	11.257	105	2535390	30.277	ug/L	100
89) 2-Chlorotoluene	11.300	91	1781467M1	28.953	ug/L	
90) 1,3,5-Trimethylbenzene	11.356	105	2219445	31.017	ug/L	99
91) 1,2,3-Trichloropropane	11.370	75	354536	31.335	ug/L	99
92) trans-1,4-Dichloro-2-b...	11.420	53	130392	31.110	ug/L	91
93) 4-Chlorotoluene	11.491	91	1913853	30.947	ug/L	98
94) tert-Butylbenzene	11.696	119	1993122	32.956	ug/L	99
97) 1,2,4-Trimethylbenzene	11.781	105	2115318	31.597	ug/L	100
98) sec-Butylbenzene	11.887	105	2923172	32.779	ug/L	100
99) p-Isopropyltoluene	12.042	119	2504233	32.865	ug/L	100
100) 1,3-Dichlorobenzene	12.113	146	1327793	30.328	ug/L	99
101) 1,4-Dichlorobenzene	12.212	146	1305443	30.117	ug/L	99
102) p-Diethylbenzene	12.417	119	1415545	33.387	ug/L	100
103) n-Butylbenzene	12.474	91	1964543	32.934	ug/L	98
104) 1,2-Dichlorobenzene	12.630	146	1184843	30.198	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.217	119	1475700	35.374	ug/L	100
106) 1,2-Dibromo-3-chloropr...	13.415	155	60335	27.871	ug/L	95
107) 1,3,5-Trichlorobenzene	13.443	180	678651	28.089	ug/L	99
108) Hexachlorobutadiene	14.009	225	281425	29.613	ug/L	98
109) 1,2,4-Trichlorobenzene	14.044	180	468809	29.335	ug/L	100
110) Naphthalene	14.334	128	659618	32.692	ug/L	100
111) 1,2,3-Trichlorobenzene	14.504	180	327294	29.313	ug/L	99

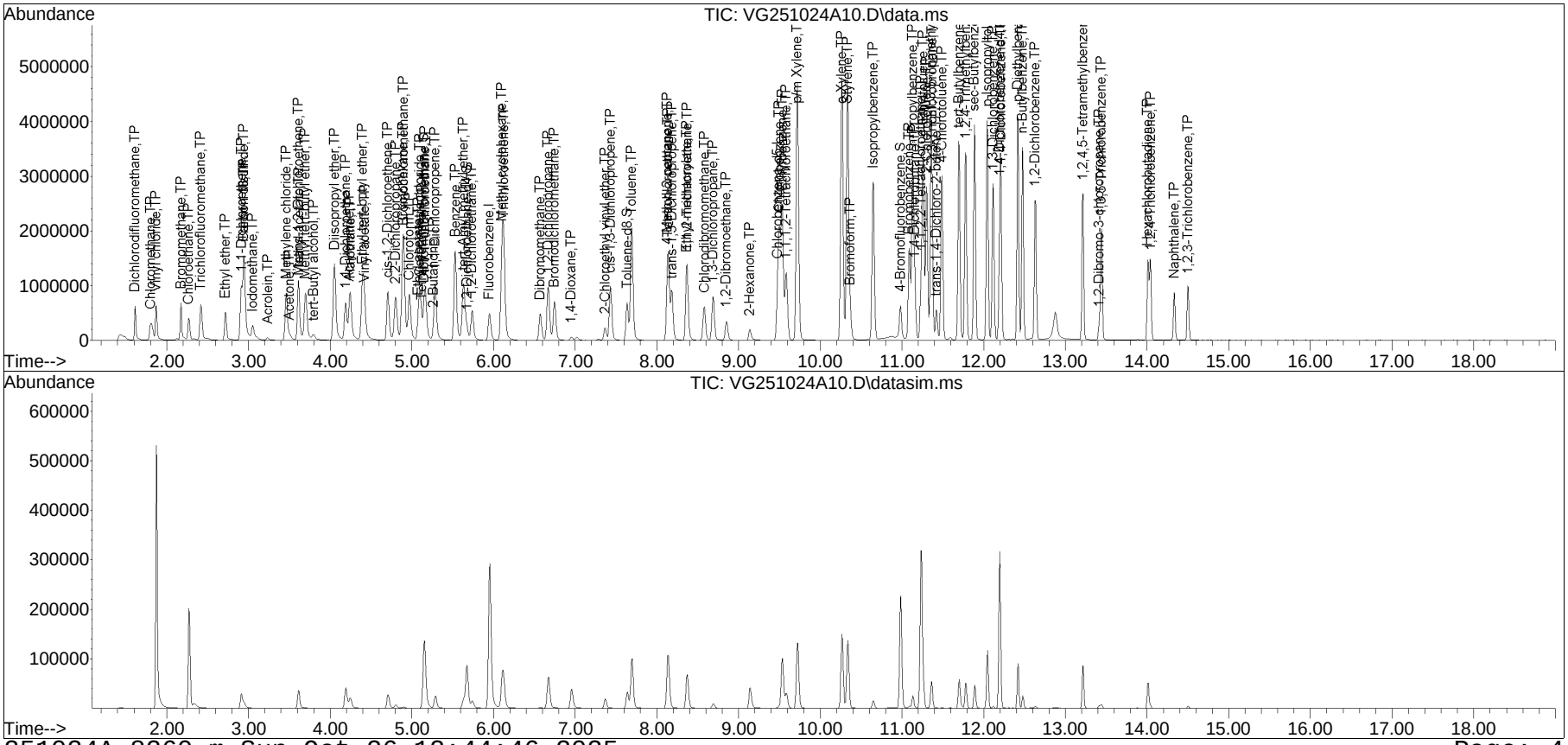
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A10.D
Acq On : 24 Oct 2025 4:14 pm
Operator : GONZO:PID
Sample : I8260STD30PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 26 12:26:57 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

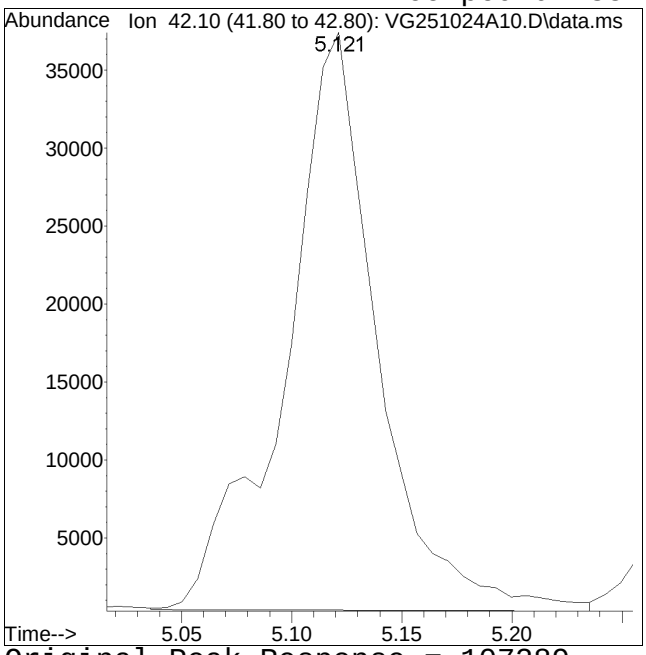
Sub List : 8260-Curve - Megamix plus DioxVG251024A09.D•



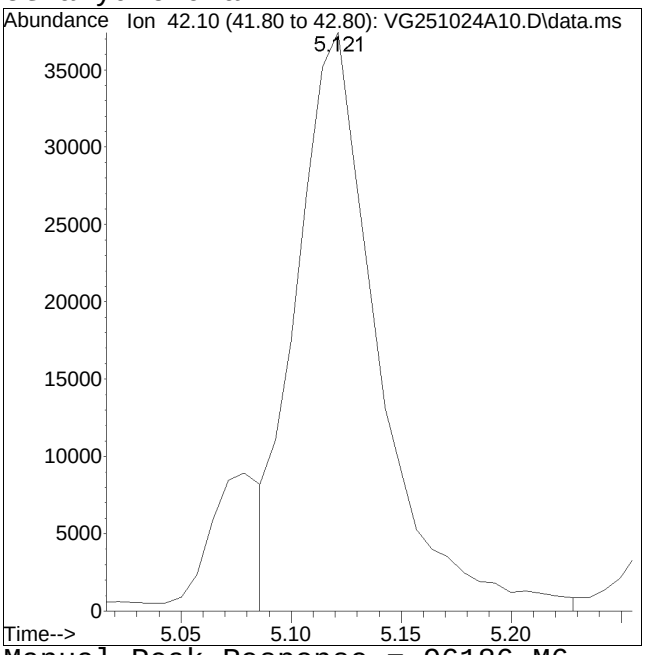
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A10.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 4:14 pm Instrument : Gonzo
Sample : I8260STD30PPB Quant Date : 10/26/2025 12:22 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 107289



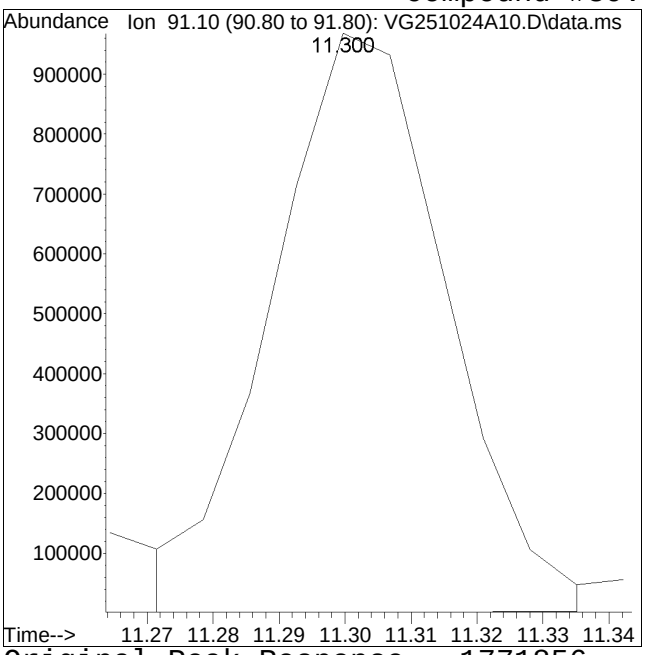
Manual Peak Response = 96186 M6

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

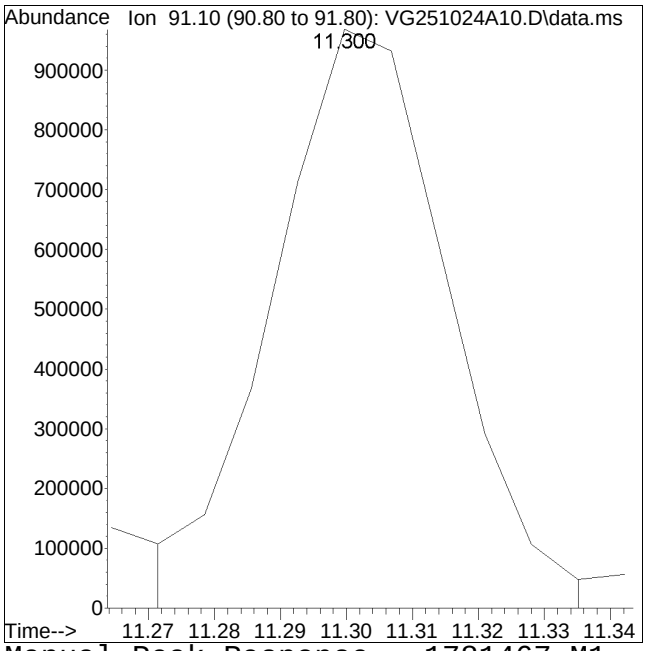
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A10.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 4:14 pm Instrument : Gonzo
Sample : I8260STD30PPB Quant Date : 10/26/2025 12:22 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 1771856



Manual Peak Response = 1781467 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A11.D
Acq On : 24 Oct 2025 4:41 pm
Operator : GONZO:PID
Sample : I8260STD80PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 26 12:28:04 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.950	96	565757	10.000	ug/L	0.00
Standard Area 1 = 507307			Recovery = 111.52%			
59) Chlorobenzene-d5	9.477	117	445851	10.000	ug/L	0.00
Standard Area 1 = 400345			Recovery = 111.37%			
79) 1,4-Dichlorobenzene-d4	12.198	152	274121	10.000	ug/L	0.00
Standard Area 1 = 246040			Recovery = 111.41%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	145590	9.935	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.35%			
43) 1,2-Dichloroethane-d4	5.667	65	154055	9.252	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.52%			
60) Toluene-d8	7.636	98	574295	9.993	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.93%			
83) 4-Bromofluorobenzene	10.981	95	216828	10.135	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.35%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.614	85	1138876	87.119	ug/L	99
3) Chloromethane	1.813	50	1518708	74.609	ug/L	100
4) Vinyl chloride	1.877	62	1378478	79.881	ug/L	100
5) Bromomethane	2.176	94	881978	70.349	ug/L	99
6) Chloroethane	2.269	64	682078	57.677	ug/L	99
7) Trichlorofluoromethane	2.418	101	1653688	87.119	ug/L	100
8) Ethyl ether	2.724	74	560735	86.482	ug/L	97
10) 1,1-Dichloroethene	2.916	96	1005292	86.504	ug/L	99
11) Carbon disulfide	2.944	76	3259272	81.778	ug/L	99
12) Freon-113	2.951	101	1000297	90.369	ug/L	87
13) Iodomethane	3.051	142	1304439	148.261	ug/L	98
14) Acrolein	3.236	56	130531	91.392	ug/L #	84
15) Methylene chloride	3.464	84	1148828	77.647	ug/L	98
17) Acetone	3.506	43	241088	97.365	ug/L	98
18) trans-1,2-Dichloroethene	3.613	96	1131948	79.696	ug/L	99
19) Methyl acetate	3.620	43	552331	90.972	ug/L	98
20) Methyl tert-butyl ether	3.699	73	2782244	88.892	ug/L	97
21) tert-Butyl alcohol	3.798	59	350674	473.006	ug/L	95
22) Diisopropyl ether	4.054	45	4444117	87.121	ug/L	98
23) 1,1-Dichloroethane	4.189	63	2287400	77.621	ug/L	99
24) Halothane	4.246	117	903507	83.916	ug/L	99

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A11.D
Acq On : 24 Oct 2025 4:41 pm
Operator : GONZO:PID
Sample : I8260STD80PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 26 12:28:04 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.239	53	296135	91.254	ug/L		97
26) Ethyl tert-butyl ether	4.403	59	3639048	92.547	ug/L		96
27) Vinyl acetate	4.417	43	2449403	85.151	ug/L		100
28) cis-1,2-Dichloroethene	4.709	96	1281628	78.711	ug/L		95
29) 2,2-Dichloropropane	4.801	77	1555098	78.431	ug/L		99
30) Bromochloromethane	4.901	128	519493	69.859	ug/L		97
31) Cyclohexane	4.894	56	2204127	92.119	ug/L		99
32) Chloroform	4.972	83	2040349	80.543	ug/L		98
33) Ethyl acetate	5.072	43	874676	90.587	ug/L		99
34) Carbon tetrachloride	5.100	117	1648397	83.050	ug/L		97
35) Tetrahydrofuran	5.121	42	265200M6	82.970	ug/L		
37) 1,1,1-Trichloroethane	5.164	97	1760525	81.577	ug/L		98
39) 2-Butanone	5.257	43	378793	92.076	ug/L		97
40) 1,1-Dichloropropene	5.285	75	1480468	85.481	ug/L		99
41) Benzene	5.533	78	4680366	80.639	ug/L		99
42) tert-Amyl methyl ether	5.632	73	2844649	92.466	ug/L		95
44) 1,2-Dichloroethane	5.738	62	1451329	79.827	ug/L		100
47) Methyl cyclohexane	6.105	83	2009200	94.967	ug/L		98
48) Trichloroethene	6.126	95	1243583	79.766	ug/L		99
50) Dibromomethane	6.571	93	615968	83.320	ug/L		99
51) 1,2-Dichloropropane	6.669	63	1305823	80.722	ug/L		99
53) 2-Chloroethyl vinyl ether	7.368	63	254355	75.030	ug/L		93
54) Bromodichloromethane	6.747	83	1609556	82.036	ug/L		99
57) 1,4-Dioxane	6.952	88	73511	940.319	ug/L		97
58) cis-1,3-Dichloropropene	7.431	75	1889704	86.242	ug/L		97
61) Toluene	7.692	92	3035392	81.357	ug/L		99
62) 4-Methyl-2-pentanone	8.130	58	304344	101.982	ug/L		95
63) Tetrachloroethene	8.137	166	1411649	82.109	ug/L		98
65) trans-1,3-Dichloropropene	8.179	75	1580276	87.367	ug/L		99
67) Ethyl methacrylate	8.363	69	1131227	98.753	ug/L		92
68) 1,1,2-Trichloroethane	8.370	83	758206	84.745	ug/L		99
69) Chlorodibromomethane	8.581	129	1248658	88.107	ug/L		98
70) 1,3-Dichloropropane	8.687	76	1530359	83.234	ug/L		99
71) 1,2-Dibromoethane	8.850	107	892882	86.242	ug/L	#	100
72) 2-Hexanone	9.132	43	561336	99.951	ug/L		95
73) Chlorobenzene	9.499	112	3575170	80.193	ug/L		100
74) Ethylbenzene	9.534	91	5991832	82.276	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.583	131	1337341	84.928	ug/L		99
76) p/m Xylene	9.724	106	4776834	164.367	ug/L		98
77) o Xylene	10.268	106	4726016	164.913	ug/L		97

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A11.D
Acq On : 24 Oct 2025 4:41 pm
Operator : GONZO:PID
Sample : I8260STD80PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 26 12:28:04 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	10.338	104	8132300	170.288	ug/L	97
80) Bromoform	10.367	173	812696	90.184	ug/L	99
82) Isopropylbenzene	10.649	105	6220385	84.347	ug/L	100
84) Bromobenzene	11.095	156	1575641	78.634	ug/L	99
85) n-Propylbenzene	11.130	91	7245809	81.265	ug/L	99
86) 1,4-Dichlorobutane	11.158	55	1804541	83.322	ug/L	100
87) 1,1,2,2-Tetrachloroethane	11.236	83	1055797	81.045	ug/L	99
88) 4-Ethyltoluene	11.257	105	6051039	81.465	ug/L	100
89) 2-Chlorotoluene	11.307	91	4271655M6	78.268	ug/L	
90) 1,3,5-Trimethylbenzene	11.356	105	5198611	81.906	ug/L	99
91) 1,2,3-Trichloropropane	11.370	75	866588M1	86.348	ug/L	
92) trans-1,4-Dichloro-2-b...	11.420	53	331033	89.041	ug/L	92
93) 4-Chlorotoluene	11.491	91	4490462	81.861	ug/L	99
94) tert-Butylbenzene	11.703	119	4448452	82.924	ug/L	100
97) 1,2,4-Trimethylbenzene	11.781	105	5038884	84.856	ug/L	100
98) sec-Butylbenzene	11.887	105	6598573	83.419	ug/L	99
99) p-Isopropyltoluene	12.042	119	5696576	84.285	ug/L	100
100) 1,3-Dichlorobenzene	12.113	146	3141530	80.896	ug/L	100
101) 1,4-Dichlorobenzene	12.212	146	3120532	81.164	ug/L	98
102) p-Diethylbenzene	12.417	119	3268840	86.920	ug/L	100
103) n-Butylbenzene	12.474	91	4560829	86.199	ug/L	99
104) 1,2-Dichlorobenzene	12.637	146	2791867	80.222	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.217	119	3769461	101.868	ug/L	100
106) 1,2-Dibromo-3-chloropr...	13.415	155	178271	92.840	ug/L	98
107) 1,3,5-Trichlorobenzene	13.443	180	1800696	84.023	ug/L	99
108) Hexachlorobutadiene	14.009	225	720841	85.514	ug/L	98
109) 1,2,4-Trichlorobenzene	14.037	180	1312706	92.606	ug/L	100
110) Naphthalene	14.334	128	2027782	113.306	ug/L	100
111) 1,2,3-Trichlorobenzene	14.504	180	950850	96.010	ug/L	100

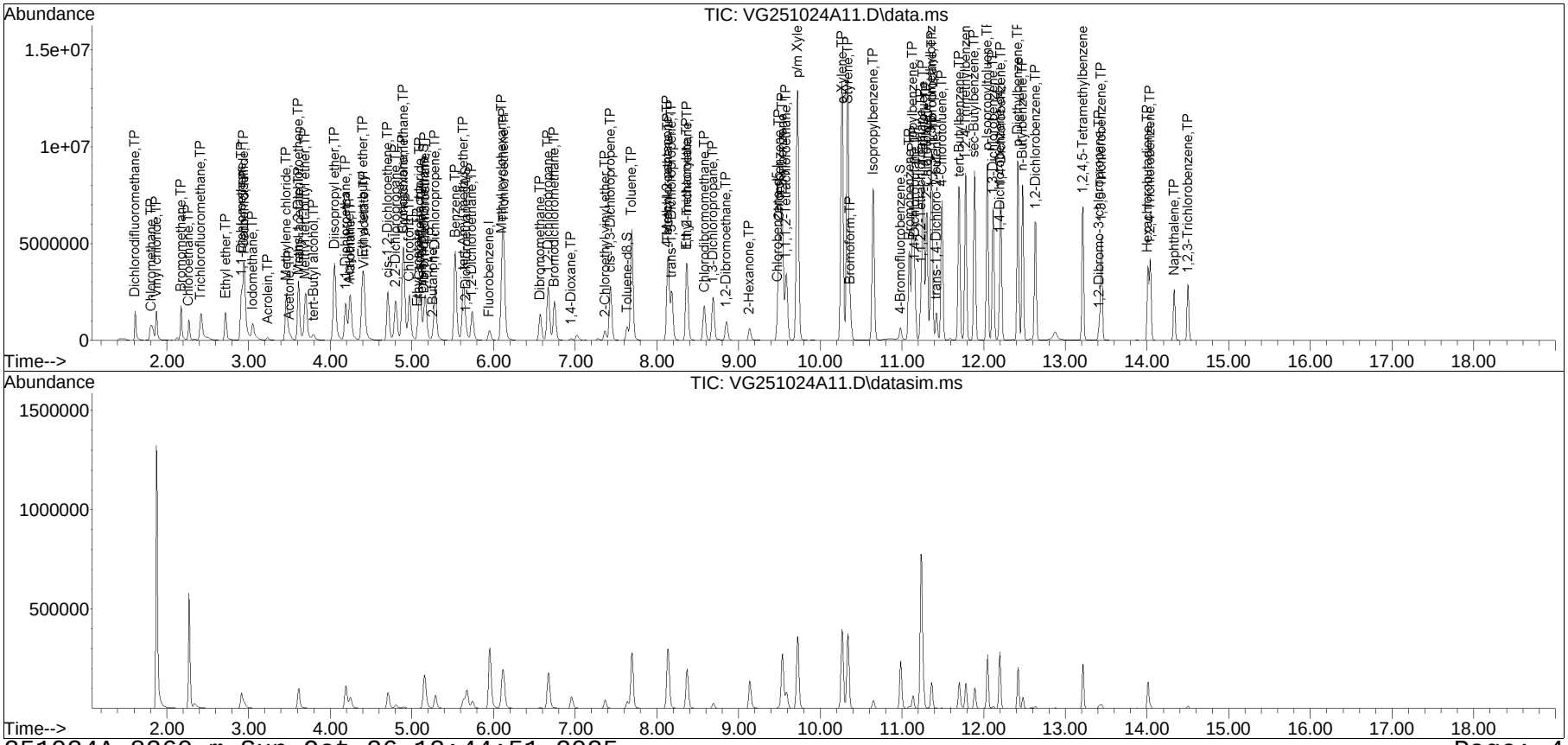
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A11.D
Acq On : 24 Oct 2025 4:41 pm
Operator : GONZO:PID
Sample : I8260STD80PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 26 12:28:04 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

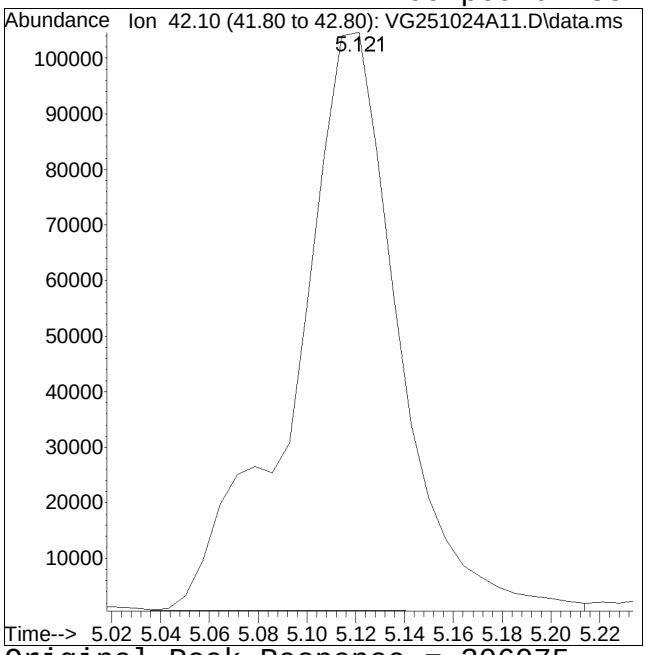
Sub List : 8260-Curve - Megamix plus DioxVG251024A09.D•



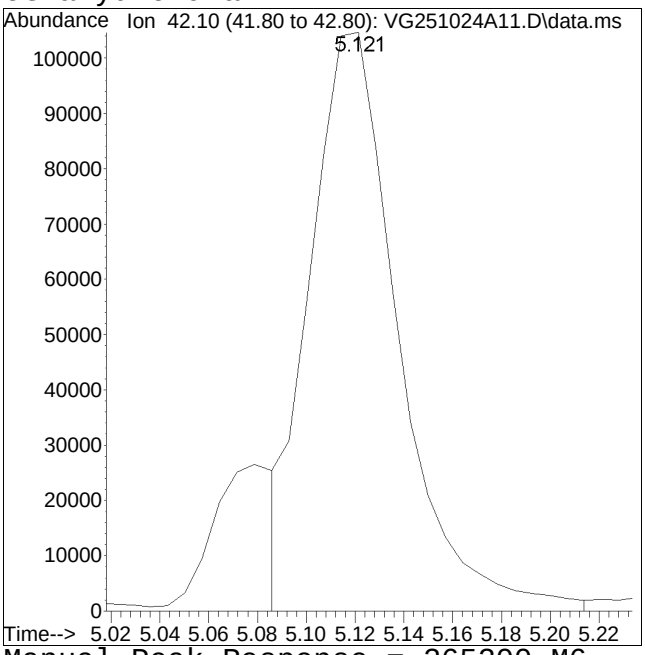
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A11.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 4:41 pm Instrument : Gonzo
Sample : I8260STD80PPB Quant Date : 10/26/2025 12:22 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 306075



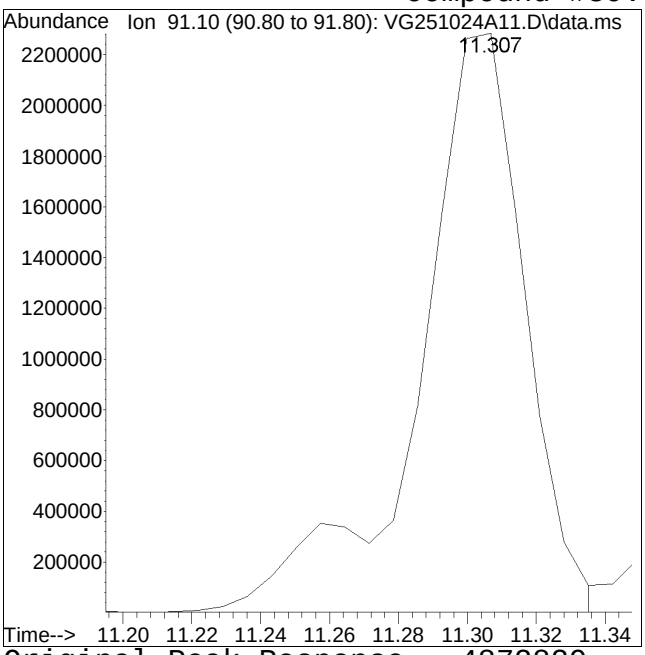
Manual Peak Response = 265200 M6

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

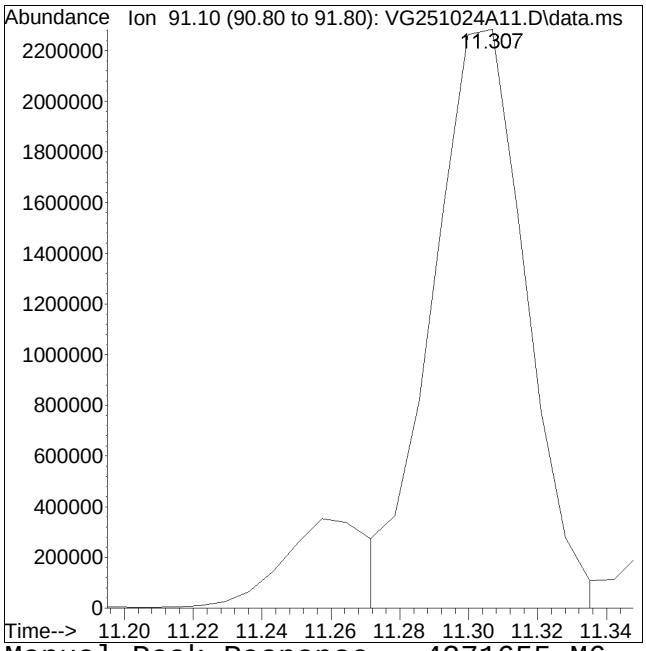
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A11.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 4:41 pm Instrument : Gonzo
Sample : I8260STD80PPB Quant Date : 10/26/2025 12:22 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 4872829



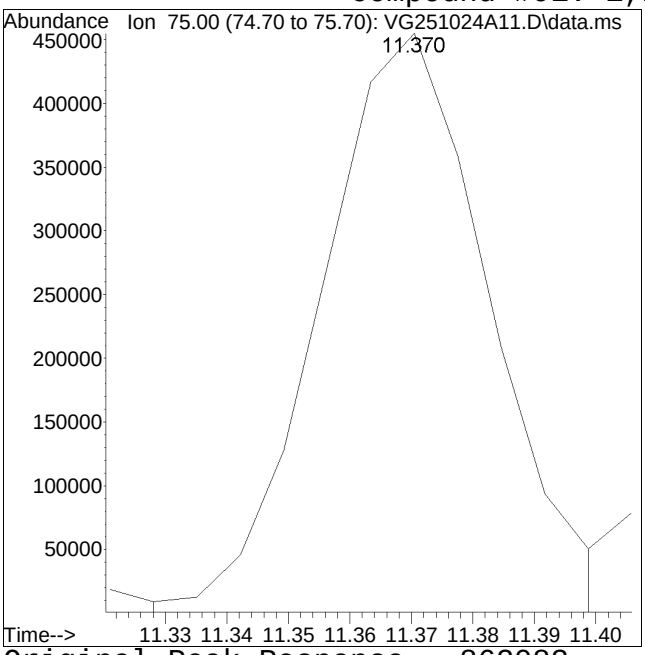
Manual Peak Response = 4271655 M6

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

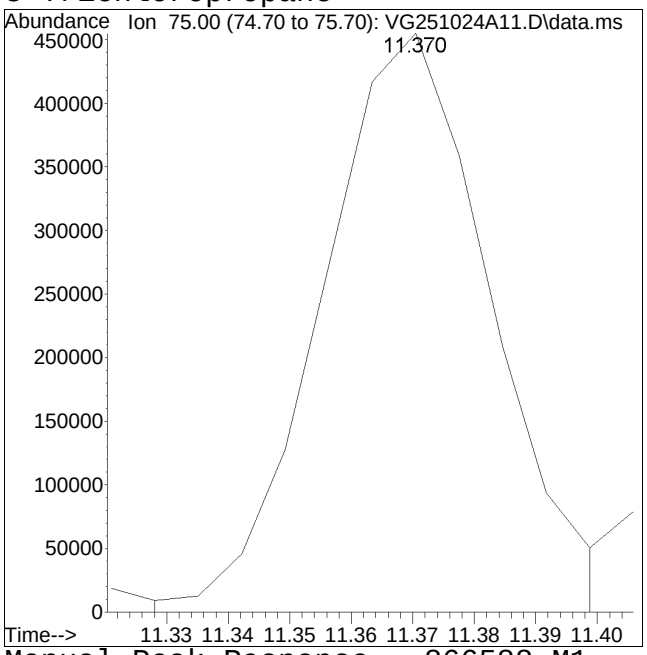
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A11.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 4:41 pm Instrument : Gonzo
Sample : I8260STD80PPB Quant Date : 10/26/2025 12:22 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 862083



Manual Peak Response = 866588 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A12.D
Acq On : 24 Oct 2025 5:08 pm
Operator : GONZO:PID
Sample : I8260STD120PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 26 12:29:54 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.949	96	578063	10.000	ug/L	0.00
Standard Area 1 = 507307			Recovery = 113.95%			
59) Chlorobenzene-d5	9.477	117	460941	10.000	ug/L	0.00
Standard Area 1 = 400345			Recovery = 115.14%			
79) 1,4-Dichlorobenzene-d4	12.198	152	283388	10.000	ug/L	0.00
Standard Area 1 = 246040			Recovery = 115.18%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.149	113	147511	9.852	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.52%			
43) 1,2-Dichloroethane-d4	5.674	65	160761	9.449	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.49%			
60) Toluene-d8	7.636	98	588642	9.907	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.07%			
83) 4-Bromofluorobenzene	10.981	95	221242	10.003	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.03%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.614	85	1875084	140.382	ug/L	99
3) Chloromethane	1.813	50	2379577	114.412	ug/L	100
4) Vinyl chloride	1.870	62	2201994	124.886	ug/L	100
5) Bromomethane	2.176	94	1452757	113.409	ug/L	99
6) Chloroethane	2.268	64	758815	62.800	ug/L	99
7) Trichlorofluoromethane	2.418	101	2725974	140.552	ug/L	100
8) Ethyl ether	2.723	74	876964	132.374	ug/L	97
10) 1,1-Dichloroethene	2.916	96	1631879	137.432	ug/L	99
11) Carbon disulfide	2.944	76	5204713	127.810	ug/L	99
12) Freon-113	2.944	101	1662630	147.009	ug/L	82
13) Iodomethane	3.051	142	1943970	216.245	ug/L	100
14) Acrolein	3.236	56	205935	141.117	ug/L #	82
15) Methylene chloride	3.463	84	1776110	117.488	ug/L	97
17) Acetone	3.506	43	378531	149.619	ug/L	98
18) trans-1,2-Dichloroethene	3.613	96	1788559	123.244	ug/L	99
19) Methyl acetate	3.620	43	873177	140.755	ug/L	99
20) Methyl tert-butyl ether	3.698	73	4384293	137.096	ug/L	97
21) tert-Butyl alcohol	3.798	59	561845	741.710	ug/L	96
22) Diisopropyl ether	4.054	45	6908010	132.539	ug/L	98
23) 1,1-Dichloroethane	4.189	63	3561229	118.274	ug/L	99
24) Halothane	4.246	117	1447518	131.581	ug/L	100

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A12.D
Acq On : 24 Oct 2025 5:08 pm
Operator : GONZO:PID
Sample : I8260STD120PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 26 12:29:54 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.239	53	457296	137.916	ug/L		97
26) Ethyl tert-butyl ether	4.402	59	5705916	142.022	ug/L		96
27) Vinyl acetate	4.417	43	3869056	131.640	ug/L		99
28) cis-1,2-Dichloroethene	4.708	96	1987180	119.445	ug/L		95
29) 2,2-Dichloropropane	4.801	77	2483478	122.588	ug/L		99
30) Bromochloromethane	4.900	128	805768	106.050	ug/L		96
31) Cyclohexane	4.893	56	3725055	152.371	ug/L		99
32) Chloroform	4.972	83	3177955	122.779	ug/L		98
33) Ethyl acetate	5.071	43	1369820	138.847	ug/L		99
34) Carbon tetrachloride	5.100	117	2678710	132.086	ug/L		98
35) Tetrahydrofuran	5.114	42	411017M6	125.853	ug/L		
37) 1,1,1-Trichloroethane	5.164	97	2850997	129.293	ug/L		98
39) 2-Butanone	5.256	43	590963	140.592	ug/L		99
40) 1,1-Dichloropropene	5.285	75	2393089	135.234	ug/L		99
41) Benzene	5.533	78	7357910	124.072	ug/L		99
42) tert-Amyl methyl ether	5.632	73	4485402	142.695	ug/L		94
44) 1,2-Dichloroethane	5.738	62	2240888	120.630	ug/L		100
47) Methyl cyclohexane	6.112	83	3434984	158.901	ug/L		98
48) Trichloroethene	6.126	95	1996484	125.332	ug/L		100
50) Dibromomethane	6.570	93	957332	126.739	ug/L		99
51) 1,2-Dichloropropane	6.669	63	2019784	122.199	ug/L		99
53) 2-Chloroethyl vinyl ether	7.367	63	398211	114.965	ug/L		95
54) Bromodichloromethane	6.747	83	2515127	125.463	ug/L		99
57) 1,4-Dioxane	6.951	88	121126	1516.404	ug/L		94
58) cis-1,3-Dichloropropene	7.431	75	2926112	130.698	ug/L		98
61) Toluene	7.692	92	4809345	124.684	ug/L		99
62) 4-Methyl-2-pentanone	8.129	58	480464	155.727	ug/L		94
63) Tetrachloroethene	8.137	166	2322101	130.643	ug/L		98
65) trans-1,3-Dichloropropene	8.186	75	2470012	132.086	ug/L		99
67) Ethyl methacrylate	8.362	69	1782019	150.473	ug/L		92
68) 1,1,2-Trichloroethane	8.369	83	1178583	127.419	ug/L		99
69) Chlorodibromomethane	8.581	129	1968501	134.353	ug/L		98
70) 1,3-Dichloropropane	8.687	76	2377382	125.070	ug/L		100
71) 1,2-Dibromoethane	8.849	107	1392729	130.118	ug/L	#	100
72) 2-Hexanone	9.131	43	877885	151.198	ug/L		94
73) Chlorobenzene	9.498	112	5602082	121.544	ug/L		99
74) Ethylbenzene	9.534	91	9691729	128.724	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.583	131	2112028	129.734	ug/L		99
76) p/m Xylene	9.724	106	7790920	259.303	ug/L		98
77) o Xylene	10.267	106	7581784	255.903	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A12.D
Acq On : 24 Oct 2025 5:08 pm
Operator : GONZO:PID
Sample : I8260STD120PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 26 12:29:54 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	10.338	104	13115181	265.638	ug/L	97
80) Bromoform	10.366	173	1293674	138.863	ug/L	99
82) Isopropylbenzene	10.649	105	10247814	134.414	ug/L	99
84) Bromobenzene	11.094	156	2512077	121.269	ug/L	100
85) n-Propylbenzene	11.137	91	11988119	130.056	ug/L	99
86) 1,4-Dichlorobutane	11.158	55	2851578	127.361	ug/L	100
87) 1,1,2,2-Tetrachloroethane	11.236	83	1678355	124.621	ug/L	100
88) 4-Ethyltoluene	11.264	105	9994431	130.155	ug/L	100
89) 2-Chlorotoluene	11.306	91	7012245M6	124.282	ug/L	
90) 1,3,5-Trimethylbenzene	11.363	105	8605944	131.156	ug/L	99
91) 1,2,3-Trichloropropane	11.370	75	1367682	131.821	ug/L	100
92) trans-1,4-Dichloro-2-b...	11.427	53	525245	136.660	ug/L	90
93) 4-Chlorotoluene	11.490	91	7246615	127.786	ug/L	98
94) tert-Butylbenzene	11.703	119	7426316	133.908	ug/L	99
97) 1,2,4-Trimethylbenzene	11.780	105	8296766	135.150	ug/L	99
98) sec-Butylbenzene	11.894	105	11087439	135.583	ug/L	100
99) p-Isopropyltoluene	12.049	119	9523381	136.298	ug/L	99
100) 1,3-Dichlorobenzene	12.120	146	5021359	125.074	ug/L	99
101) 1,4-Dichlorobenzene	12.212	146	4986329	125.452	ug/L	99
102) p-Diethylbenzene	12.417	119	5515863	141.873	ug/L	99
103) n-Butylbenzene	12.481	91	7805589	142.701	ug/L	99
104) 1,2-Dichlorobenzene	12.636	146	4474964	124.380	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.216	119	6495133	169.788	ug/L	100
106) 1,2-Dibromo-3-chloropr...	13.414	155	280696	141.400	ug/L	97
107) 1,3,5-Trichlorobenzene	13.443	180	2895266	130.680	ug/L	99
108) Hexachlorobutadiene	14.016	225	1198880	137.573	ug/L	98
109) 1,2,4-Trichlorobenzene	14.044	180	2103547	143.544	ug/L	99
110) Naphthalene	14.334	128	3375750	182.458	ug/L	100
111) 1,2,3-Trichlorobenzene	14.504	180	1478462	144.403	ug/L	99

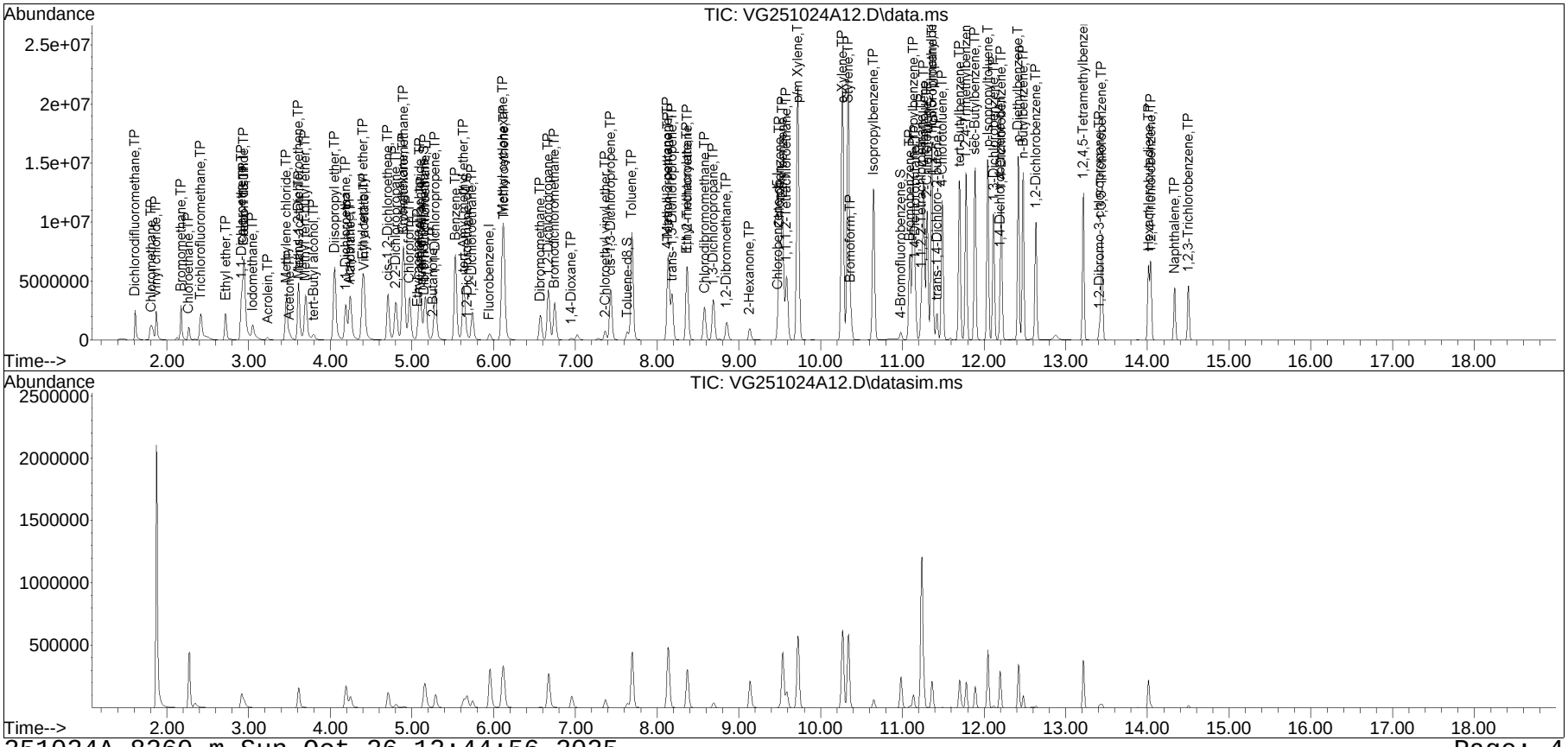
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A12.D
Acq On : 24 Oct 2025 5:08 pm
Operator : GONZO:PID
Sample : I8260STD120PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 26 12:29:54 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

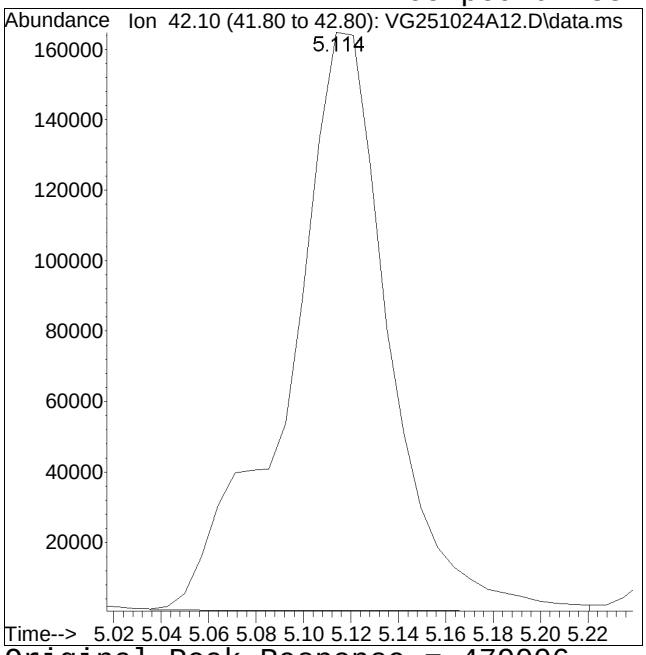
Sub List : 8260-Curve - Megamix plus DioxVG251024A09.D•



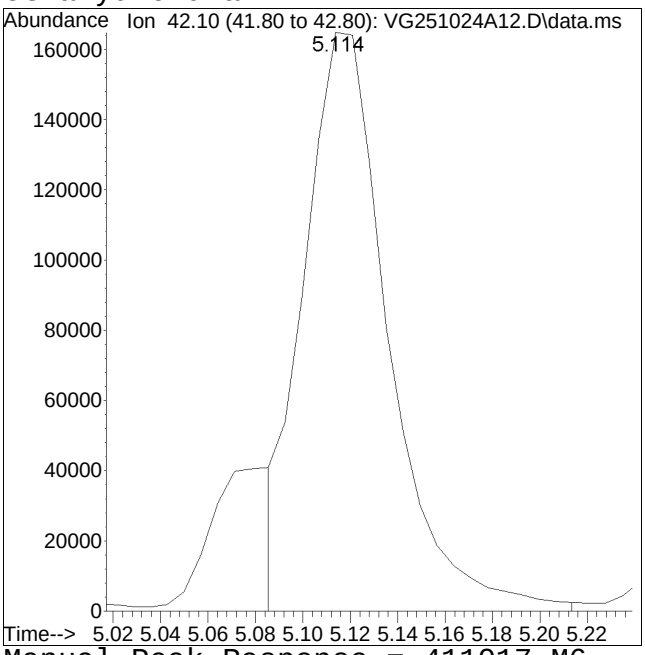
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A12.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 5:08 pm Instrument : Gonzo
Sample : I8260STD120PPB Quant Date : 10/26/2025 12:22 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 479006



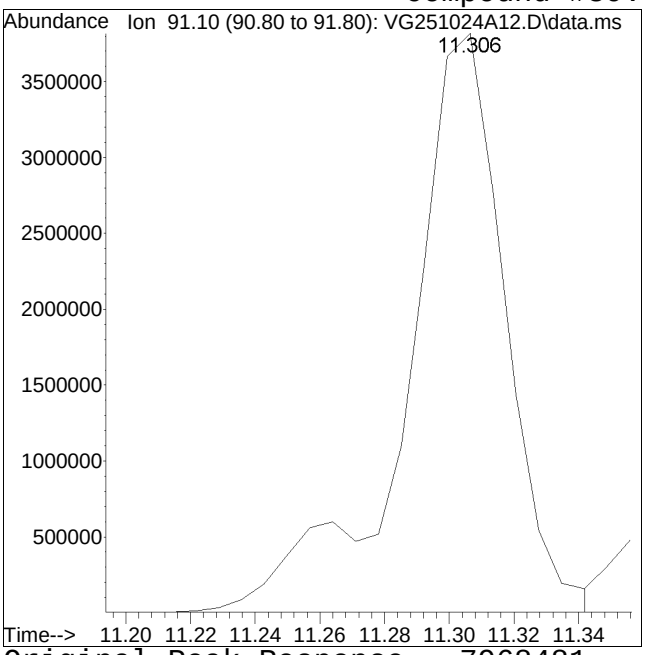
Manual Peak Response = 411017 M6

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

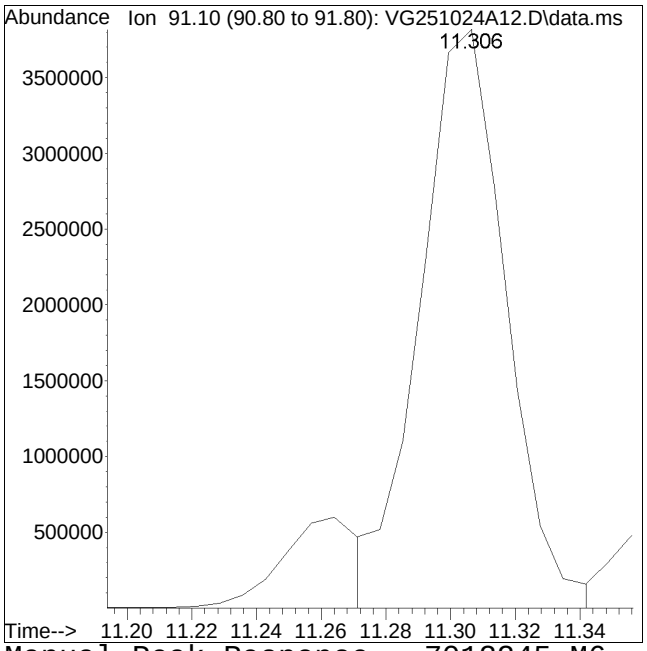
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A12.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 5:08 pm Instrument : Gonzo
Sample : I8260STD120PPB Quant Date : 10/26/2025 12:22 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 7968481



Manual Peak Response = 7012245 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A13.D
Acq On : 24 Oct 2025 5:34 pm
Operator : GONZO:PID
Sample : I8260STD200PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 26 12:31:51 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.950	96	602914	10.000 ug/L	0.00
Standard Area 1 = 507307			Recovery = 118.85%		
59) Chlorobenzene-d5	9.477	117	474607	10.000 ug/L	0.00
Standard Area 1 = 400345			Recovery = 118.55%		
79) 1,4-Dichlorobenzene-d4	12.198	152	299537	10.000 ug/L	0.00
Standard Area 1 = 246040			Recovery = 121.74%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.150	113	156490	10.021 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.21%		
43) 1,2-Dichloroethane-d4	5.674	65	173138	9.757 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.57%		
60) Toluene-d8	7.636	98	615705	10.064 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.64%		
83) 4-Bromofluorobenzene	10.981	95	232496	9.945 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.45%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.614	85	3182463	228.441 ug/L	98
3) Chloromethane	1.813	50	4107953	189.373 ug/L	100
4) Vinyl chloride	1.870	62	3780613	205.580 ug/L	100
5) Bromomethane	2.176	94	2561013	191.685 ug/L	99
6) Chloroethane	2.268	64	959642	76.147 ug/L	97
7) Trichlorofluoromethane	2.411	101	3655504	180.710 ug/L	100
8) Ethyl ether	2.717	74	1502715	217.479 ug/L	96
10) 1,1-Dichloroethene	2.916	96	2851323	230.232 ug/L	98
11) Carbon disulfide	2.944	76	9081105	213.810 ug/L	99
12) Freon-113	2.944	101	2890429	245.036 ug/L	83
13) Iodomethane	3.051	142	3212963	342.675 ug/L	100
14) Acrolein	3.229	56	357699	235.010 ug/L #	83
15) Methylene chloride	3.464	84	3048970	193.373 ug/L	97
17) Acetone	3.499	43	657725	249.257 ug/L	97
18) trans-1,2-Dichloroethene	3.613	96	3099970	204.805 ug/L	99
19) Methyl acetate	3.620	43	1506203	232.790 ug/L	98
20) Methyl tert-butyl ether	3.698	73	7555797	226.529 ug/L	96
21) tert-Butyl alcohol	3.798	59	985309	1247.125 ug/L	93
22) Diisopropyl ether	4.054	45	11879284	218.525 ug/L	98
23) 1,1-Dichloroethane	4.196	63	5936216	189.025 ug/L	99
24) Halothane	4.246	117	2504722	218.298 ug/L	99

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A13.D
Acq On : 24 Oct 2025 5:34 pm
Operator : GONZO:PID
Sample : I8260STD200PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 26 12:31:51 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.239	53	792246	229.085	ug/L		96
26) Ethyl tert-butyl ether	4.403	59	10015441	239.012	ug/L		94
27) Vinyl acetate	4.417	43	6505266	212.211	ug/L		100
28) cis-1,2-Dichloroethene	4.709	96	3465589	199.723	ug/L		94
29) 2,2-Dichloropropane	4.801	77	4236556	200.502	ug/L		99
30) Bromochloromethane	4.901	128	1390598	175.478	ug/L		95
31) Cyclohexane	4.894	56	6514495	255.488	ug/L		98
32) Chloroform	4.972	83	5576550	206.568	ug/L		98
33) Ethyl acetate	5.072	43	2331295	226.564	ug/L		99
34) Carbon tetrachloride	5.100	117	4641159	219.421	ug/L		98
35) Tetrahydrofuran	5.114	42	674425M6	197.997	ug/L		
37) 1,1,1-Trichloroethane	5.164	97	4962280	215.764	ug/L		98
39) 2-Butanone	5.256	43	997364	227.495	ug/L		98
40) 1,1-Dichloropropene	5.285	75	4166166	225.727	ug/L		99
41) Benzene	5.533	78	12806837	207.053	ug/L		99
42) tert-Amyl methyl ether	5.632	73	7884047	240.478	ug/L		93
44) 1,2-Dichloroethane	5.738	62	3891557	200.853	ug/L		100
47) Methyl cyclohexane	6.112	83	6099945	270.551	ug/L		97
48) Trichloroethene	6.126	95	3534481	212.737	ug/L		99
50) Dibromomethane	6.570	93	1626718	206.481	ug/L		98
51) 1,2-Dichloropropane	6.669	63	3491939	202.558	ug/L		99
53) 2-Chloroethyl vinyl ether	7.368	63	616443	170.633	ug/L		92
54) Bromodichloromethane	6.747	83	4386881	209.813	ug/L		99
57) 1,4-Dioxane	6.952	88	204878	2459.194	ug/L		95
58) cis-1,3-Dichloropropene	7.431	75	5083495	217.701	ug/L		98
61) Toluene	7.692	92	8458238	212.968	ug/L		99
62) 4-Methyl-2-pentanone	8.130	58	834851	262.799	ug/L		93
63) Tetrachloroethene	8.137	166	4091552	223.566	ug/L		98
65) trans-1,3-Dichloropropene	8.186	75	4306576	223.666	ug/L		99
67) Ethyl methacrylate	8.363	69	3131278	256.791	ug/L		91
68) 1,1,2-Trichloroethane	8.370	83	2052676	215.529	ug/L		99
69) Chlorodibromomethane	8.581	129	3442879	228.215	ug/L		98
70) 1,3-Dichloropropane	8.687	76	4098981	209.430	ug/L		99
71) 1,2-Dibromoethane	8.850	107	2388677	216.740	ug/L	#	100
72) 2-Hexanone	9.132	43	1503148	251.433	ug/L		93
73) Chlorobenzene	9.499	112	9784453	206.173	ug/L		98
74) Ethylbenzene	9.534	91	17147877	221.197	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.590	131	3705638	221.070	ug/L		99
76) p/m Xylene	9.724	106	13685489	442.375	ug/L		78
77) o Xylene	10.268	106	13239201	433.987	ug/L		77

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A13.D
Acq On : 24 Oct 2025 5:34 pm
Operator : GONZO:PID
Sample : I8260STD200PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 26 12:31:51 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	0.000		0	N.D.	d	
80) Bromoform	10.374	173	2269283	230.452	ug/L	99
82) Isopropylbenzene	0.000		0	N.D.	d	
84) Bromobenzene	11.095	156	4325882	197.570	ug/L	100
85) n-Propylbenzene	0.000		0	N.D.	d	
86) 1,4-Dichlorobutane	11.158	55	4929787	208.311	ug/L	100
87) 1,1,2,2-Tetrachloroethane	11.236	83	2893296	203.250	ug/L	100
88) 4-Ethyltoluene	0.000		0	N.D.	d	
89) 2-Chlorotoluene	11.307	91	12120902M6	203.243	ug/L	
90) 1,3,5-Trimethylbenzene	11.363	105	15008264	216.396	ug/L	100
91) 1,2,3-Trichloropropane	11.370	75	2383750	217.366	ug/L	100
92) trans-1,4-Dichloro-2-b...	11.427	53	909505	223.881	ug/L	89
93) 4-Chlorotoluene	11.491	91	12720963	212.226	ug/L	97
94) tert-Butylbenzene	11.703	119	12951624	220.947	ug/L	98
97) 1,2,4-Trimethylbenzene	11.781	105	14444478	222.608	ug/L	100
98) sec-Butylbenzene	0.000		0	N.D.	d	
99) p-Isopropyltoluene	0.000		0	N.D.	d	
100) 1,3-Dichlorobenzene	12.120	146	8888805	209.469	ug/L	99
101) 1,4-Dichlorobenzene	12.212	146	8820464	209.951	ug/L	98
102) p-Diethylbenzene	12.424	119	9798199	238.431	ug/L	98
103) n-Butylbenzene	12.481	91	13318713	230.363	ug/L	96
104) 1,2-Dichlorobenzene	12.637	146	7810147	205.377	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.217	119	11785202	291.466	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.415	155	486507	231.864	ug/L	98
107) 1,3,5-Trichlorobenzene	13.443	180	4951829	211.455	ug/L	98
108) Hexachlorobutadiene	14.016	225	2055141	223.116	ug/L	98
109) 1,2,4-Trichlorobenzene	14.044	180	3596050	232.160	ug/L	98
110) Naphthalene	14.334	128	5931335	303.302	ug/L	100
111) 1,2,3-Trichlorobenzene	14.504	180	2402055	221.963	ug/L	99

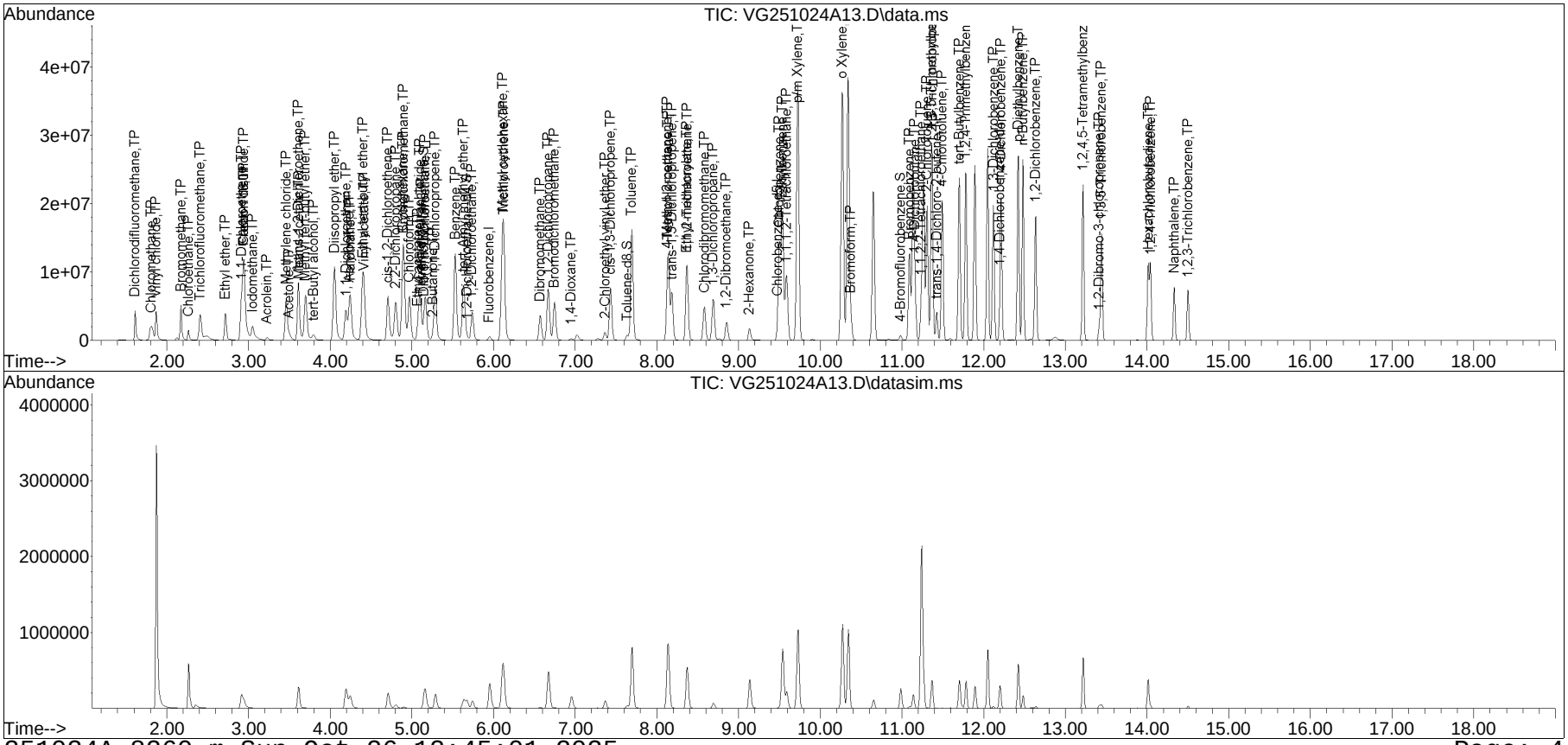
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A13.D
Acq On : 24 Oct 2025 5:34 pm
Operator : GONZO:PID
Sample : I8260STD200PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 26 12:31:51 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:20:56 2025
Response via : Initial Calibration

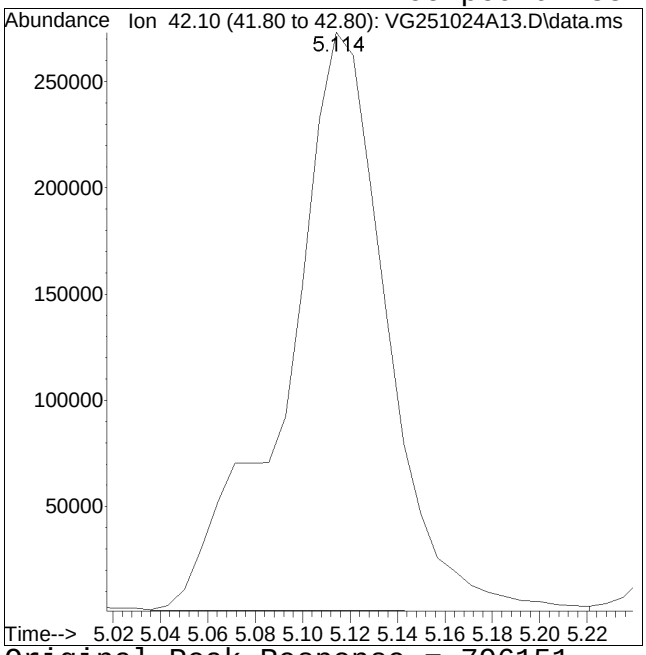
Sub List : 8260-Curve - Megamix plus DioxVG251024A09.D•



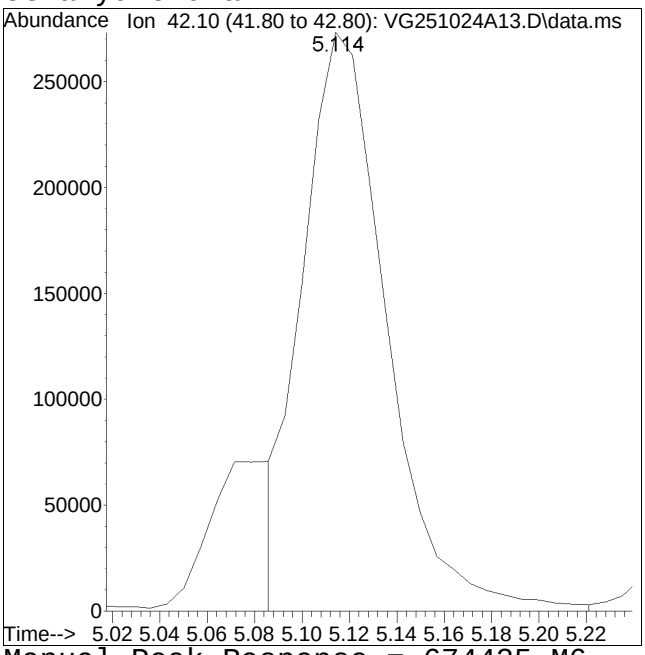
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A13.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 5:34 pm Instrument : Gonzo
Sample : I8260STD200PPB Quant Date : 10/26/2025 12:22 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 796151



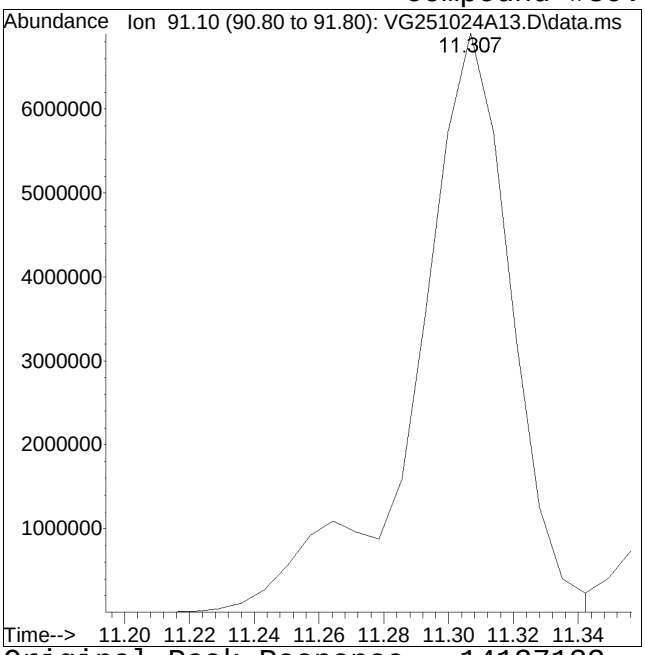
Manual Peak Response = 674425 M6

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

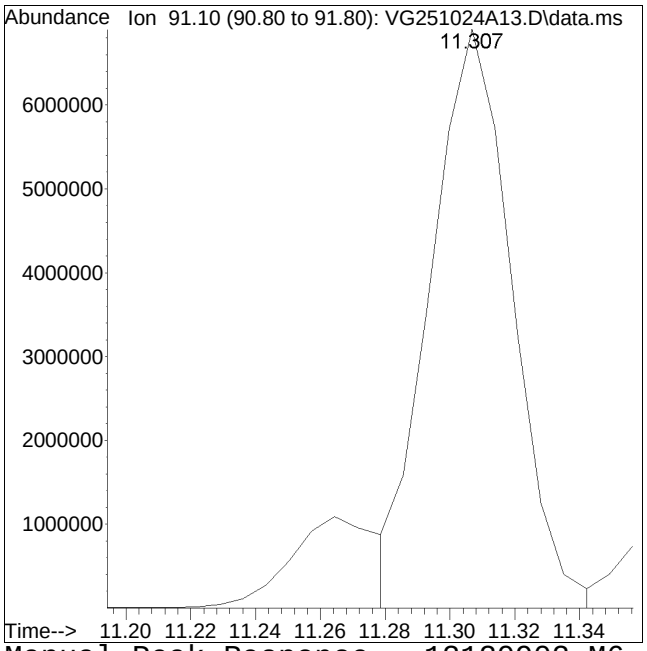
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A13.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 5:34 pm Instrument : Gonzo
Sample : I8260STD200PPB Quant Date : 10/26/2025 12:22 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 14137133



Manual Peak Response = 12120902 M6

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

Evaluate Continuing Calibration Report

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A18.D
Acq On : 24 Oct 2025 7:47 pm
Operator : GONZO:PID
Sample : C8260STD10PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 26 12:37:27 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	100	0.00
2	TP	Dichlorodifluoromethane	0.251	0.203	19.1	88	0.00
3	TP	Chloromethane	0.352	0.362	-2.8	100	0.00
4	TP	Vinyl chloride	0.303	0.281	7.3	92	0.00
5	TP	Bromomethane	0.216	0.201	6.9	91	0.00
6	TP	Chloroethane	0.192	0.147	23.4#	70	0.00
7	TP	Trichlorofluoromethane	0.351	0.373	-6.3	111	0.00
8	TP	Ethyl ether	0.116	0.111	4.3	96	0.00
10	TP	1,1-Dichloroethene	0.219	0.197	10.0	96	0.00
11	TP	Carbon disulfide	0.722	0.646	10.5	92	0.00
12	TP	Freon-113	0.222	0.245	-10.4	125	0.00
13	TP	Iodomethane	* 10.000	4.113	58.9#	45#	0.00
14	TP	Acrolein	0.027	0.027	0.0	106	0.00
15	TP	Methylene chloride	0.262	0.249	5.0	95	0.00
17	TP	Acetone	0.049	0.051	-4.1	117	0.00
18	TP	trans-1,2-Dichloroethene	0.250	0.234	6.4	93	0.00
19	TP	Methyl acetate	0.115	0.115	0.0	107	0.00
20	TP	Methyl tert-butyl ether	0.559	0.520	7.0	94	0.00
21	TP	tert-Butyl alcohol	0.014	0.016	-14.3	120	0.00
22	TP	Diisopropyl ether	0.899	0.877	2.4	97	0.00
23	TP	1,1-Dichloroethane	0.504	0.490	2.8	94	0.00
24	TP	Halothane	0.199	0.201	-1.0	105	0.00
25	TP	Acrylonitrile	0.061	0.061	0.0	105	0.00
26	TP	Ethyl tert-butyl ether	0.714	0.695	2.7	100	0.00
27	TP	Vinyl acetate	0.529	0.443	16.3	87	0.00
28	TP	cis-1,2-Dichloroethene	0.276	0.258	6.5	89	0.00
29	TP	2,2-Dichloropropane	0.345	0.294	14.8	84	0.00
30	TP	Bromochloromethane	0.121	0.128	-5.8	97	0.00
31	TP	Cyclohexane	0.492	0.513	-4.3	121	0.00
32	TP	Chloroform	0.456	0.447	2.0	100	0.00
33	TP	Ethyl acetate	0.183	0.186	-1.6	109	0.00
34	TP	Carbon tetrachloride	0.357	0.331	7.3	94	0.00
35	TP	Tetrahydrofuran	0.058	0.057	1.7	101	0.00
36	S	Dibromofluoromethane	0.264	0.260	1.5	100	0.00
37	TP	1,1,1-Trichloroethane	0.390	0.366	6.2	96	0.00
39	TP	2-Butanone	0.076	0.078	-2.6	107	0.00
40	TP	1,1-Dichloropropene	0.313	0.315	-0.6	103	0.00
41	TP	Benzene	0.987	0.964	2.3	94	0.00
42	TP	tert-Amyl methyl ether	0.558	0.524	6.1	96	0.00

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A18.D
Acq On : 24 Oct 2025 7:47 pm
Operator : GONZO:PID
Sample : C8260STD10PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 26 12:37:27 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
43	S	1,2-Dichloroethane-d4	0.285	0.299	-4.9	101	0.00
44	TP	1,2-Dichloroethane	0.320	0.313	2.2	97	0.00
47	TP	Methyl cyclohexane	0.447	0.444	0.7	118	0.00
48	TP	Trichloroethene	0.280	0.266	5.0	96	0.00
50	TP	Dibromomethane	0.132	0.128	3.0	98	0.00
51	TP	1,2-Dichloropropane	0.283	0.272	3.9	95	0.00
53	TP	2-Chloroethyl vinyl ether	0.060	0.046	23.3#	76	0.00
54	TP	Bromodichloromethane	0.345	0.321	7.0	92	0.00
57	TP	1,4-Dioxane	0.00147	0.00157#	-6.8	113	0.00
58	TP	cis-1,3-Dichloropropene	0.376	0.376	0.0	97	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
60	S	Toluene-d8	1.286	1.265	1.6	100	0.00
61	TP	Toluene	0.836	0.786	6.0	96	0.00
62	TP	4-Methyl-2-pentanone	0.076	0.072	5.3	110	0.00
63	TP	Tetrachloroethene	0.384	0.363	5.5	96	0.00
65	TP	trans-1,3-Dichloropropene	0.393	0.389	1.0	98	0.00
67	TP	Ethyl methacrylate	0.289	0.261	9.7	103	0.00
68	TP	1,1,2-Trichloroethane	0.203	0.191#	5.9	97	0.00
69	TP	Chlorodibromomethane	0.328	0.313	4.6	100	0.00
70	TP	1,3-Dichloropropane	0.407	0.391	3.9	97	0.00
71	TP	1,2-Dibromoethane	0.238	0.221	7.1	97	0.00
72	TP	2-Hexanone	* 10.000	9.595	4.0	108	0.00
73	TP	Chlorobenzene	0.978	0.937	4.2	95	0.00
74	TP	Ethylbenzene	1.606	1.532	4.6	96	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.356	0.334	6.2	96	0.00
76	TP	p/m Xylene	0.635	0.612	3.6	96	0.00
77	TP	o Xylene	0.623	0.607	2.6	96	0.00
78	TP	Styrene	1.014	1.013	0.1	96	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
80	TP	Bromoform	0.335	0.332	0.9	100	0.00
82	TP	Isopropylbenzene	2.588	2.564	0.9	95	0.00
83	S	4-Bromofluorobenzene	0.782	0.797	-1.9	102	0.00
84	TP	Bromobenzene	0.702	0.696	0.9	95	0.00
85	TP	n-Propylbenzene	3.115	3.108	0.2	95	0.00
86	TP	1,4-Dichlorobutane	0.778	0.821	-5.5	103	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.470	0.456	3.0	95	0.00
88	TP	4-Ethyltoluene	2.598	2.771	-6.7	102	0.00

Evaluate Continuing Calibration Report

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A18.D
Acq On : 24 Oct 2025 7:47 pm
Operator : GONZO:PID
Sample : C8260STD10PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 26 12:37:27 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

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

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
89	TP	2-Chlorotoluene		1.927	1.876	2.6	94	0.00
90	TP	1,3,5-Trimethylbenzene		2.275	2.179	4.2	94	0.00
91	TP	1,2,3-Trichloropropane		0.391	0.377	3.6	102	0.00
92	TP	trans-1,4-Dichloro-2-butene		0.138	0.146	-5.8	107	0.00
93	TP	4-Chlorotoluene		1.972	1.918	2.7	95	0.00
94	TP	tert-Butylbenzene		1.951	1.879	3.7	95	0.00
97	TP	1,2,4-Trimethylbenzene		2.116	2.145	-1.4	98	0.00
98	TP	sec-Butylbenzene		2.796	2.770	0.9	95	0.00
99	TP	p-Isopropyltoluene	*	10.000	8.945	10.5	95	0.00
100	TP	1,3-Dichlorobenzene		1.391	1.370	1.5	96	0.00
101	TP	1,4-Dichlorobenzene		1.399	1.346	3.8	95	0.00
102	TP	p-Diethylbenzene		1.464	1.364	6.8	99	0.00
103	TP	n-Butylbenzene	*	10.000	8.796	12.0	96	0.00
104	TP	1,2-Dichlorobenzene		1.236	1.233	0.2	96	0.00
105	TP	1,2,4,5-Tetramethylbenzene	*	10.000	8.719	12.8	102	0.00
106	TP	1,2-Dibromo-3-chloropropane		0.070	0.070	0.0	100	0.00
107	TP	1,3,5-Trichlorobenzene		0.758	0.747	1.5	95	0.00
108	TP	Hexachlorobutadiene		0.316	0.300	5.1	97	0.00
109	TP	1,2,4-Trichlorobenzene		0.522	0.494	5.4	95	0.00
110	TP	Naphthalene	*	10.000	10.177	-1.8	104	0.00
111	TP	1,2,3-Trichlorobenzene		0.362	0.349#	3.6	96	0.00

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

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A18.D
Acq On : 24 Oct 2025 7:47 pm
Operator : GONZO:PID
Sample : C8260STD10PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 26 12:37:27 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.949	96	505915	10.000	ug/L	0.00
Standard Area 1 = 507307			Recovery = 99.73%			
59) Chlorobenzene-d5	9.477	117	407662	10.000	ug/L	0.00
Standard Area 1 = 400345			Recovery = 101.83%			
79) 1,4-Dichlorobenzene-d4	12.198	152	244557	10.000	ug/L	0.00
Standard Area 1 = 246040			Recovery = 99.40%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	131337	9.835	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.35%			
43) 1,2-Dichloroethane-d4	5.674	65	151049	10.488	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.88%			
60) Toluene-d8	7.636	98	515874	9.839	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.39%			
83) 4-Bromofluorobenzene	10.981	95	194999	10.194	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.94%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.614	85	102636	8.073	ug/L	99
3) Chloromethane	1.806	50	182933	10.259	ug/L	100
4) Vinyl chloride	1.870	62	141920	9.272	ug/L	98
5) Bromomethane	2.176	94	101876	9.313	ug/L	100
6) Chloroethane	2.268	64	74588	7.667	ug/L	98
7) Trichlorofluoromethane	2.418	101	188459	10.616	ug/L	99
8) Ethyl ether	2.724	74	56036	9.508	ug/L	99
10) 1,1-Dichloroethene	2.909	96	99836	9.027	ug/L	99
11) Carbon disulfide	2.944	76	327037	8.958	ug/L	98
12) Freon-113	2.944	101	124117	11.043	ug/L #	65
13) Iodomethane	3.051	142	35435	4.113	ug/L	99
14) Acrolein	3.243	56	13581	10.011	ug/L	91
15) Methylene chloride	3.464	84	125893	9.516	ug/L	99
17) Acetone	3.513	43	26014	10.454	ug/L	98
18) trans-1,2-Dichloroethene	3.613	96	118264	9.368	ug/L	98
19) Methyl acetate	3.620	43	58262	9.987	ug/L	100
20) Methyl tert-butyl ether	3.698	73	263038	9.302	ug/L	98
21) tert-Butyl alcohol	3.798	59	39887	57.538	ug/L	95
22) Diisopropyl ether	4.054	45	443642	9.755	ug/L	99
23) 1,1-Dichloroethane	4.189	63	247855	9.729	ug/L	99
24) Halothane	4.246	117	101559	10.081	ug/L	99

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A18.D
Acq On : 24 Oct 2025 7:47 pm
Operator : GONZO:PID
Sample : C8260STD10PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 26 12:37:27 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.246	53	30695	9.880	ug/L		98
26) Ethyl tert-butyl ether	4.395	59	351454	9.730	ug/L		94
27) Vinyl acetate	4.424	43	224104	8.371	ug/L		99
28) cis-1,2-Dichloroethene	4.709	96	130299	9.325	ug/L		93
29) 2,2-Dichloropropane	4.801	77	148984	8.530	ug/L		100
30) Bromochloromethane	4.901	128	65009	10.594	ug/L		95
31) Cyclohexane	4.893	56	259539	10.421	ug/L		98
32) Chloroform	4.972	83	226358	9.816	ug/L		98
33) Ethyl acetate	5.078	43	94038	10.149	ug/L		99
34) Carbon tetrachloride	5.100	117	167463	9.280	ug/L		99
35) Tetrahydrofuran	5.121	42	28985M6	9.944	ug/L		
37) 1,1,1-Trichloroethane	5.164	97	185079	9.387	ug/L		99
39) 2-Butanone	5.271	43	39637	10.250	ug/L		100
40) 1,1-Dichloropropene	5.285	75	159448	10.079	ug/L		99
41) Benzene	5.533	78	487892	9.768	ug/L		99
42) tert-Amyl methyl ether	5.632	73	265321	9.397	ug/L		98
44) 1,2-Dichloroethane	5.738	62	158422	9.776	ug/L		100
47) Methyl cyclohexane	6.105	83	224410	9.928	ug/L		98
48) Trichloroethene	6.126	95	134411	9.499	ug/L		99
50) Dibromomethane	6.570	93	64929	9.745	ug/L		99
51) 1,2-Dichloropropane	6.669	63	137411	9.597	ug/L		99
53) 2-Chloroethyl vinyl ether	7.375	63	23137	7.649	ug/L		98
54) Bromodichloromethane	6.747	83	162550	9.325	ug/L		98
57) 1,4-Dioxane	6.951	88	39691	534.286	ug/L		97
58) cis-1,3-Dichloropropene	7.431	75	190228	9.990	ug/L		99
61) Toluene	7.692	92	320258	9.398	ug/L		99
62) 4-Methyl-2-pentanone	8.137	58	29466	9.484	ug/L		99
63) Tetrachloroethene	8.137	166	147863	9.442	ug/L		99
65) trans-1,3-Dichloropropene	8.186	75	158408	9.882	ug/L		99
67) Ethyl methacrylate	8.370	69	106291	9.035	ug/L		96
68) 1,1,2-Trichloroethane	8.370	83	77720	9.370	ug/L		99
69) Chlorodibromomethane	8.581	129	127439	9.531	ug/L		98
70) 1,3-Dichloropropane	8.687	76	159352	9.612	ug/L		99
71) 1,2-Dibromoethane	8.856	107	90147	9.297	ug/L	#	100
72) 2-Hexanone	9.146	43	54256	9.595	ug/L		97
73) Chlorobenzene	9.498	112	381793	9.576	ug/L		99
74) Ethylbenzene	9.534	91	624713	9.541	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.583	131	135972	9.369	ug/L		98
76) p/m Xylene	9.717	106	498955	19.279	ug/L		99
77) o Xylene	10.268	106	495115	19.510	ug/L		99

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A18.D
Acq On : 24 Oct 2025 7:47 pm
Operator : GONZO:PID
Sample : C8260STD10PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 26 12:37:27 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251024AICAL\VG251024A09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	10.338	104	826054	19.988	ug/L	99
80) Bromoform	10.366	173	81167	9.911	ug/L	98
82) Isopropylbenzene	10.649	105	627109	9.909	ug/L	100
84) Bromobenzene	11.094	156	170277	9.914	ug/L	99
85) n-Propylbenzene	11.130	91	760166	9.978	ug/L	100
86) 1,4-Dichlorobutane	11.158	55	200854	10.556	ug/L	99
87) 1,1,2,2-Tetrachloroethane	11.236	83	111409	9.691	ug/L	100
88) 4-Ethyltoluene	11.257	105	677775	10.666	ug/L	99
89) 2-Chlorotoluene	11.300	91	458734M6	9.733	ug/L	
90) 1,3,5-Trimethylbenzene	11.356	105	532801	9.576	ug/L	99
91) 1,2,3-Trichloropropane	11.370	75	92283M1	9.660	ug/L	
92) trans-1,4-Dichloro-2-b...	11.427	53	35647	10.526	ug/L	96
93) 4-Chlorotoluene	11.491	91	469152	9.728	ug/L	99
94) tert-Butylbenzene	11.696	119	459580	9.634	ug/L	99
97) 1,2,4-Trimethylbenzene	11.781	105	524521	10.138	ug/L	99
98) sec-Butylbenzene	11.887	105	677410	9.906	ug/L	100
99) p-Isopropyltoluene	12.042	119	574968	8.945	ug/L	100
100) 1,3-Dichlorobenzene	12.120	146	334996	9.850	ug/L	99
101) 1,4-Dichlorobenzene	12.212	146	329125	9.619	ug/L	100
102) p-Diethylbenzene	12.417	119	333494	9.312	ug/L	99
103) n-Butylbenzene	12.481	91	457234	8.796	ug/L	100
104) 1,2-Dichlorobenzene	12.636	146	301420	9.974	ug/L	100
105) 1,2,4,5-Tetramethylben...	13.216	119	339714	8.719	ug/L	100
106) 1,2-Dibromo-3-chloropr...	13.414	155	17164	9.996	ug/L	95
107) 1,3,5-Trichlorobenzene	13.443	180	182708	9.857	ug/L	100
108) Hexachlorobutadiene	14.016	225	73421	9.497	ug/L	97
109) 1,2,4-Trichlorobenzene	14.044	180	120815	9.463	ug/L	100
110) Naphthalene	14.334	128	167175	10.177	ug/L	100
111) 1,2,3-Trichlorobenzene	14.504	180	85439	9.642	ug/L	98

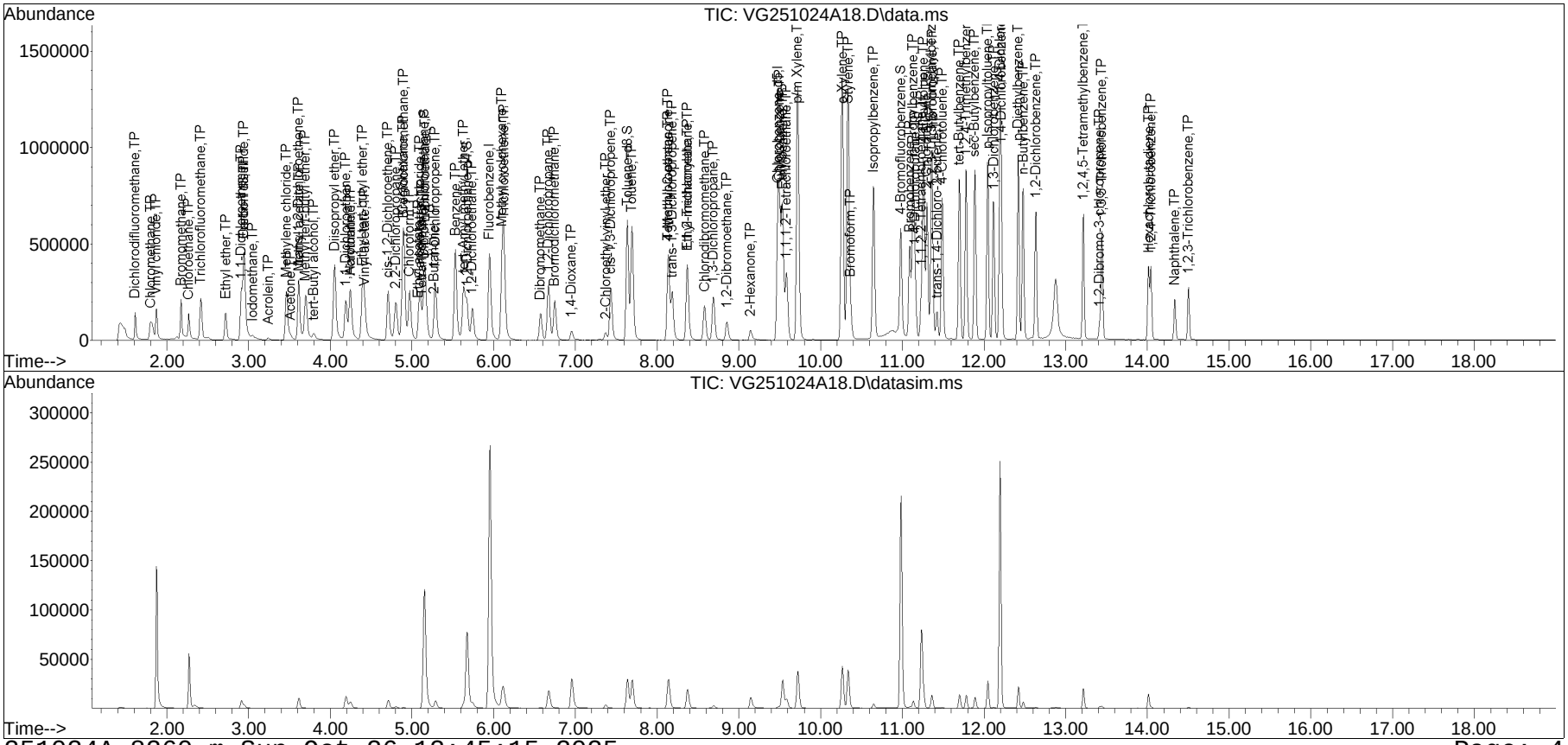
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251024AICAL\
Data File : VG251024A18.D
Acq On : 24 Oct 2025 7:47 pm
Operator : GONZO:PID
Sample : C8260STD10PPB
Misc : WG2132896,ICAL (Sig #1); WG,ICAL (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 26 12:37:27 2025
Quant Method : K:\Gonzo\2025\251024AICAL\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

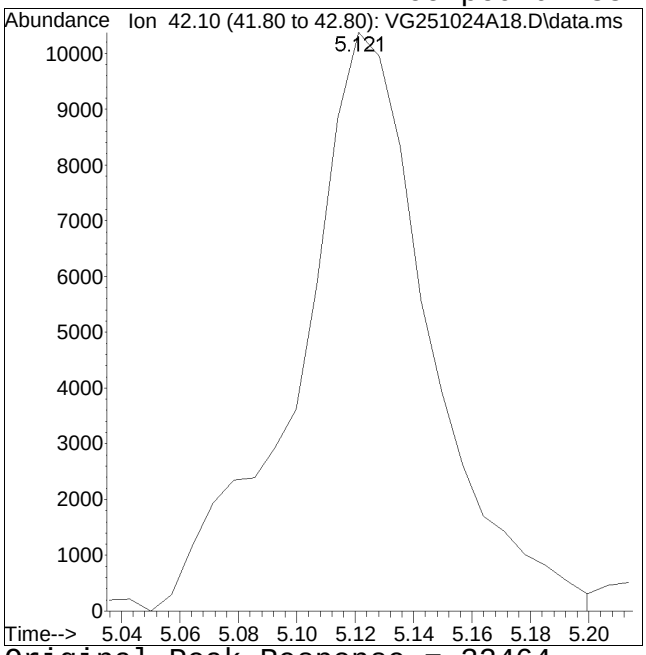
Sub List : 8260-Curve - Megamix plus DioxVG251024A09.D•



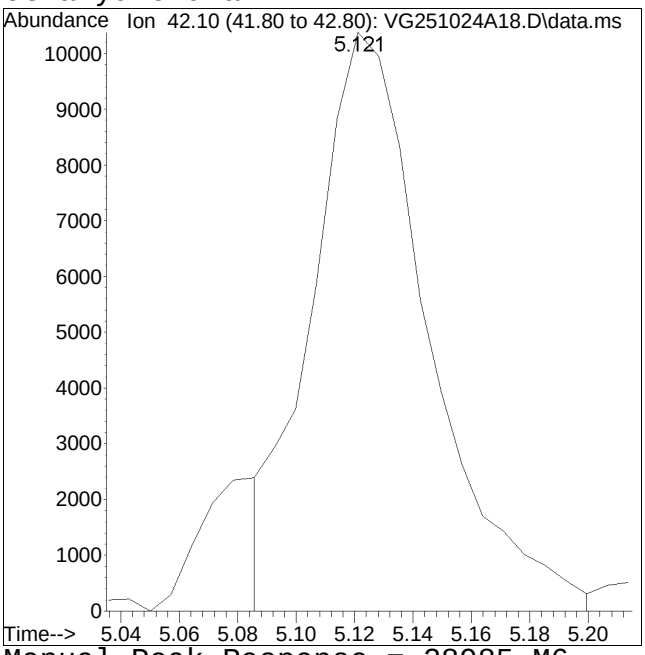
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A18.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 7:47 pm Instrument : Gonzo
Sample : C8260STD10PPB Quant Date : 10/26/2025 12:36 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 32464



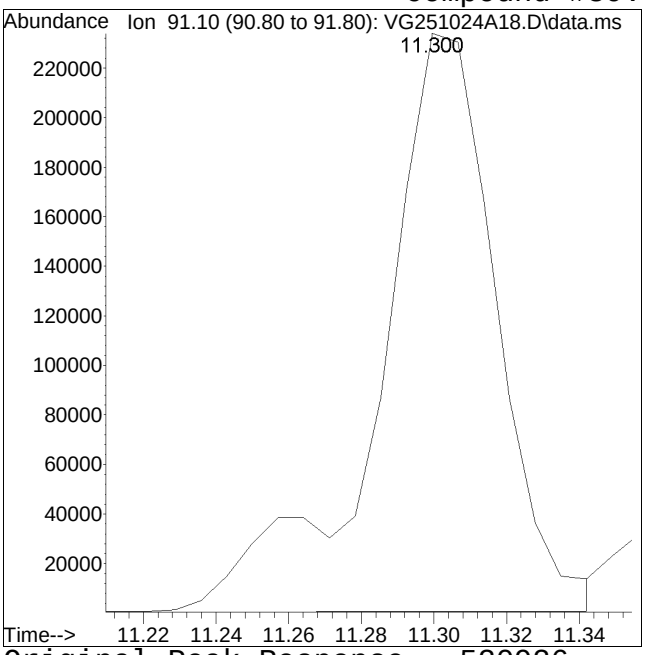
Manual Peak Response = 28985 M6

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

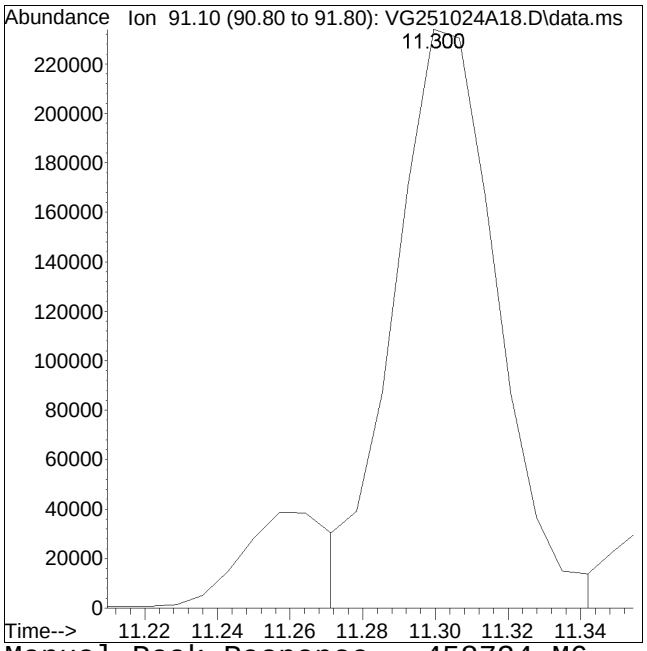
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A18.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 7:47 pm Instrument : Gonzo
Sample : C8260STD10PPB Quant Date : 10/26/2025 12:36 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 520926



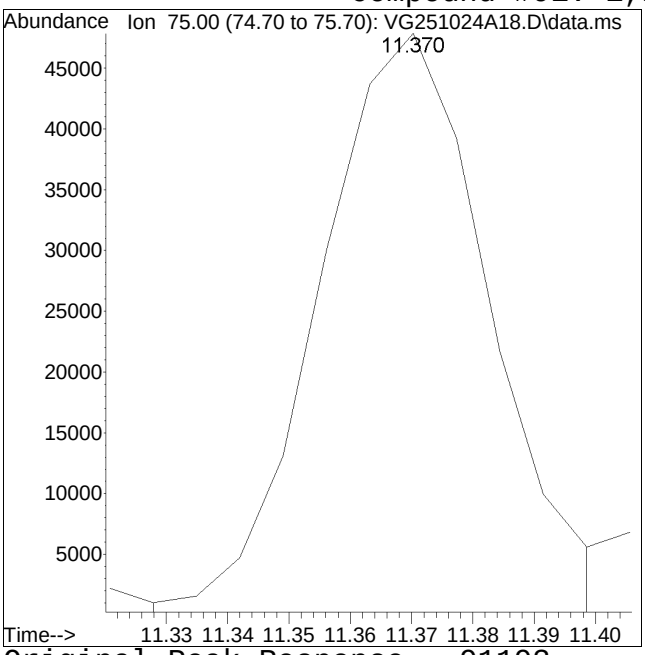
Manual Peak Response = 458734 M6

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

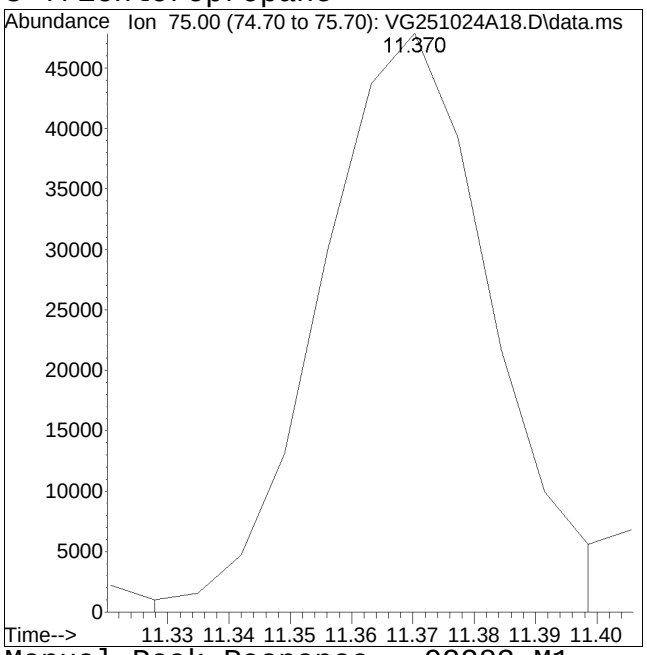
Manual Integration Report

Data Path : K:\Gonzo\2025\251024AICAL\QMethod : G_251024A_8260.m
Data File : VG251024A18.D Operator : GONZO:PID
Date Inj'd : 10/24/2025 7:47 pm Instrument : Gonzo
Sample : C8260STD10PPB Quant Date : 10/26/2025 12:36 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 91193



Manual Peak Response = 92283 M1

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

Evaluate Relative Error Report Gonzo

Method Path : K:\Gonzo\2025\251024AICAL\
Method File : G_251024A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Sun Oct 26 12:35:39 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
13	TP Iodomethane	L	ug/L	10.0	7.221	-27.8	2.00	2.564	28.2
72	TP 2-Hexanone	L	ug/L	10.0	9.146	-8.5	2.00	2.253	12.7
99	TP p-Isopropyltoluene	L	ug/L	10.0	9.366	-6.3	0.50	0.567	13.4
103	TP n-Butylbenzene	L	ug/L	10.0	9.070	-9.3	0.50	0.592	18.4
105	TP 1,2,4,5-Tetramethylbenzene	L	ug/L	10.0	8.513	-14.9	2.00	2.563	28.2
110	TP Naphthalene	Q	ug/L	10.0	9.749	-2.5	0.50	0.586	17.2

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
13	TP Iodomethane	Linear	0.995562	0.000000	0.274975	-0.0430565
72	TP 2-Hexanone	Linear	0.999393	0.000000	0.158742	-0.0192208
99	TP p-Isopropyltoluene	Linear	0.998613	0.000000	2.71931	-0.0812797
103	TP n-Butylbenzene	Linear	0.998609	0.000000	2.21155	-0.0756788
105	TP 1,2,4,5-Tetramethylbenzene	Linear	0.995738	0.000000	1.89962	-0.267211
110	TP Naphthalene	Quadratic	0.999136	0.029039	0.659353	-0.0175407

Response Factor Report VOA123

Method Path : K:\VOA123\2025\251103NICAL\
Method File : V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025
Response Via : Initial Calibration

Calibration Files
L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D
L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluo...	0.144	0.195	0.238	0.226	0.243	0.232	0.241	0.244	0.220		15.69
3)	TP	Chloromethane	0.205	0.204	0.248	0.245	0.253	0.249	0.261	0.251	0.240		9.25
4)	TC	Vinyl chloride	0.148	0.228	0.283	0.272	0.288	0.280	0.296	0.285	0.260		19.16
5)	TP	Bromomethane	0.130	0.133	0.158	0.164	0.184	0.197	0.214	0.151	0.166		18.10
6)	TP	Chloroethane	0.143	0.148	0.178	0.182	0.201	0.205	0.210	0.176	0.180		13.91
7)	TP	Trichlorofluor...	0.272	0.348	0.416	0.402	0.425	0.424	0.451	0.410	0.393		14.55
8)	TP	Ethyl ether	0.105	0.127	0.138	0.136	0.140	0.139	0.143	0.123	0.132		9.81
10)	TC	1,1-Dichloroet...	0.150	0.185	0.217	0.213	0.227	0.222	0.237	0.214	0.208		13.45
11)	TP	Carbon disulfide	0.752	0.680	0.764	0.735	0.777	0.761	0.803	0.861	0.767		6.80
12)	TP	Freon-113	0.152	0.186	0.211	0.217	0.231	0.223	0.243	0.225	0.211		13.73
14)	TP	Acrolein	0.023	0.025	0.026	0.026	0.026	0.027	0.029	0.027	0.026		6.69
15)	TP	Methylene chlo...	0.248	0.253	0.276	0.270	0.271	0.268	0.278	0.297	0.270		5.61
17)	TP	Acetone		0.147	0.071	0.066	0.062	0.058	0.058		*L		0.9997
18)	TP	trans-1,2-Dich...	0.173	0.215	0.259	0.255	0.262	0.259	0.271	0.252	0.243		13.47
19)	TP	Methyl acetate	0.102	0.101	0.102	0.108	0.111	0.107	0.106	0.095	0.104		4.75
20)	TP	Methyl tert-bu...	0.603	0.648	0.706	0.714	0.729	0.723	0.736	0.692	0.694		6.63
21)	TP	tert-Butyl alc...	0.015	0.018	0.020	0.021	0.020	0.021	0.020	0.018	0.019		9.74
22)	TP	Diisopropyl ether	0.630	0.683	0.774	0.771	0.786	0.784	0.803	0.766	0.750		8.05
23)	TP	1,1-Dichloroet...	0.346	0.407	0.477	0.465	0.478	0.471	0.475	0.459	0.447		10.53
24)	TP	Halothane	0.133	0.156	0.191	0.187	0.196	0.193	0.203	0.190	0.181		13.20
25)	TP	Acrylonitrile		0.047	0.056	0.055	0.059	0.059	0.057	0.045	0.054		10.23
26)	TP	Ethyl tert-but...	0.614	0.697	0.781	0.782	0.808	0.811	0.834	0.750	0.760		9.53
27)	TP	Vinyl acetate	0.463	0.470	0.524	0.541	0.548	0.552	0.567	0.474	0.517		8.08
28)	TP	cis-1,2-Dichlo...	0.224	0.254	0.295	0.291	0.295	0.292	0.302	0.279	0.279		9.58
29)	TP	2,2-Dichloropr...	0.280	0.324	0.385	0.380	0.395	0.386	0.407	0.388	0.368		11.76
30)	TP	Bromochloromet...	0.099	0.118	0.131	0.132	0.132	0.129	0.132	0.123	0.125		9.28
31)	TP	Cyclohexane	0.298	0.335	0.361	0.382	0.399	0.385	0.415	0.408	0.373		10.68
32)	TC	Chloroform	0.716	0.517	0.507	0.492	0.495	0.486	0.502	0.663	0.547		16.32
33)	TP	Ethyl acetate		0.154	0.175	0.178	0.183	0.178	0.182	0.175	0.175		5.62
34)	TP	Carbon tetrach...	0.267	0.309	0.357	0.366	0.388	0.374	0.406	0.370	0.355		12.70

Response Factor Report VOA123

Method Path : K:\VOA123\2025\251103NICAL\
Method File : V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025
Response Via : Initial Calibration

Calibration Files
L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D
L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
35)	TP	Tetrahydrofuran		0.052	0.054	0.054	0.054	0.053	0.054		0.067	0.055	9.22
36)	S	Dibromofluorom...	0.247	0.248	0.252	0.255	0.254	0.256	0.255	0.249	0.251	0.252	1.32
37)	TP	1,1,1-Trichlor...	0.298	0.346	0.408	0.406	0.419	0.407	0.429	0.282	0.410	0.378	14.59
39)	TP	2-Butanone		0.104	0.071	0.070	0.072	0.069	0.070			0.076	18.01
40)	TP	1,1-Dichloropr...	0.234	0.270	0.318	0.313	0.324	0.314	0.333	0.230	0.315	0.295	13.33
41)	TP	Benzene	0.764	0.848	0.992	0.988	1.002	0.982	1.025	0.800	0.990	0.932	10.65
42)	TP	tert-Amyl meth...	0.565	0.621	0.695	0.701	0.713	0.714	0.735		0.649	0.674	8.56
43)	S	1,2-Dichloroet...	0.250	0.261	0.250	0.256	0.255	0.260	0.272	0.257	0.259	0.258	2.56
44)	TP	1,2-Dichloroet...	0.299	0.324	0.352	0.350	0.353	0.349	0.358		0.334	0.340	5.88
47)	TP	Methyl cyclohe...	0.312	0.364	0.382	0.418	0.441	0.427	0.467		0.409	0.403	12.11
48)	TP	Trichloroethene	0.198	0.234	0.273	0.272	0.282	0.280	0.299	0.198	0.267	0.256	14.52
50)	TP	Dibromomethane	0.114	0.145	0.158	0.159	0.163	0.162	0.167		0.148	0.152	11.29
51)	TC	1,2-Dichloropr...	0.221	0.233	0.268	0.266	0.266	0.267	0.275		0.257	0.257	7.49
53)	TP	2-Chloroethyl ...	0.062	0.099	0.115	0.119	0.121	0.119	0.121		0.092	0.106	19.85
54)	TP	Bromodichlorom...	0.284	0.321	0.384	0.386	0.395	0.395	0.412	0.305	0.362	0.360	12.72
57)	TP	1,4-Dioxane		0.001	0.002	0.002	0.002	0.002	0.002		0.001	0.001#	14.15
58)	TP	cis-1,3-Dichlo...	0.312	0.366	0.423	0.437	0.444	0.447	0.461	0.306	0.372	0.396	14.93
59)	I	Chlorobenzene-d5	----------ISTD----------										
60)	S	Toluene-d8	1.361	1.370	1.367	1.348	1.338	1.339	1.329	1.363	1.358	1.353	1.07
61)	TC	Toluene	0.687	0.778	0.886	0.877	0.905	0.886	0.923		0.860	0.850	9.28
62)	TP	4-Methyl-2-pen...	0.055	0.086	0.097	0.099	0.106	0.103	0.103		0.075	0.091	19.31
63)	TP	Tetrachloroethene	0.284	0.341	0.378	0.393	0.412	0.397	0.424	0.278	0.384	0.366	14.53
65)	TP	trans-1,3-Dich...	0.321	0.422	0.509	0.521	0.544	0.535	0.544		0.435	0.479	16.64
67)	TP	Ethyl methacry...	0.261	0.328	0.388	0.392	0.413	0.404	0.407		0.294	0.361	16.18
68)	TP	1,1,2-Trichlor...	0.196	0.233	0.255	0.253	0.256	0.252	0.254		0.254	0.244	8.46
69)	TP	Chlorodibromom...	0.272	0.320	0.378	0.385	0.407	0.404	0.410	0.261	0.319	0.351	16.81
70)	TP	1,3-Dichloropr...	0.400	0.461	0.506	0.504	0.515	0.499	0.499		0.474	0.482	7.82
71)	TP	1,2-Dibromoethane	0.210	0.260	0.299	0.301	0.310	0.304	0.304	0.202	0.250	0.271	15.65
72)	TP	2-Hexanone		0.153	0.155	0.160	0.173	0.168	0.166			0.162	4.91
73)	TP	Chlorobenzene	0.773	0.917	1.031	1.025	1.053	1.043	1.067	0.841	0.995	0.972	10.75
74)	TC	Ethylbenzene	1.397	1.558	1.692	1.713	1.770	1.742	1.805		1.788	1.683	8.27

Response Factor Report VOA123

Method Path : K:\VOA123\2025\251103NICAL\
Method File : V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025
Response Via : Initial Calibration

Calibration Files
L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D
L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
75)	TP	1,1,1,2-Tetrac...	0.280	0.334	0.382	0.388	0.403	0.402	0.409	0.255	0.343	0.355	15.91
76)	TP	p/m Xylene	0.491	0.584	0.652	0.668	0.697	0.689	0.720	0.505	0.658	0.629	13.30
77)	TP	o Xylene	0.502	0.586	0.655	0.668	0.695	0.696	0.721	0.538	0.655	0.635	11.96
78)	TP	Styrene	0.810	0.961	1.115	1.143	1.214	1.211	1.245	0.899	1.035	1.070	14.35
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform	0.328	0.351	0.426	0.454	0.507	0.508	0.516		0.384	0.434	17.08
82)	TP	Isopropylbenzene	2.350	2.790	2.990	3.143	3.256	3.153	3.229		3.074	2.998	10.04
83)	S	4-Bromofluorob...	0.909	0.903	0.898	0.897	0.891	0.870	0.850	0.909	0.921	0.894	2.44
84)	TP	Bromobenzene	0.657	0.764	0.834	0.843	0.855	0.848	0.853		0.812	0.808	8.41
85)	TP	n-Propylbenzene	2.846	3.301	3.574	3.743	3.872	3.736	3.821		3.659	3.569	9.57
86)	TP	1,4-Dichlorobu...	0.813	0.852	0.914	0.932	0.958	0.945	0.941		0.932	0.911	5.62
87)	TP	1,1,2,2-Tetrac...	0.599	0.643	0.694	0.692	0.699	0.681	0.669	0.601	0.661	0.660	5.82
88)	TP	4-Ethyltoluene	2.361	2.744	2.990	3.140	3.224	3.122	3.174		3.006	2.970	9.71
89)	TP	2-Chlorotoluene	1.856	2.059	2.268	2.302	2.391	2.296	2.340		2.315	2.229	8.05
90)	TP	1,3,5-Trimethy...	2.165	2.479	2.613	2.758	2.833	2.753	2.819		2.656	2.635	8.48
91)	TP	1,2,3-Trichlor...	0.472	0.511	0.524	0.532	0.546	0.527	0.522		0.539	0.522	4.34
92)	TP	trans-1,4-Dich...		0.150	0.184	0.189	0.200	0.192	0.191			0.184	9.56
93)	TP	4-Chlorotoluene	1.852	2.111	2.314	2.373	2.415	2.356	2.383		2.315	2.265	8.43
94)	TP	tert-Butylbenzene	1.780	2.064	2.174	2.326	2.383	2.296	2.407		2.218	2.206	9.35
97)	TP	1,2,4-Trimethy...	2.100	2.442	2.627	2.748	2.804	2.769	2.833		2.626	2.619	9.36
98)	TP	sec-Butylbenzene	2.581	3.076	3.202	3.479	3.615	3.463	3.602		3.382	3.300	10.45
99)	TP	p-Isopropyltol...	2.273	2.626	2.809	3.026	3.123	3.026	3.144		2.838	2.858	10.31
100)	TP	1,3-Dichlorobe...	1.218	1.399	1.545	1.610	1.650	1.628	1.647		1.527	1.528	9.85
101)	TP	1,4-Dichlorobe...	1.392	1.476	1.557	1.630	1.634	1.619	1.626		1.589	1.565	5.61
102)	TP	p-Diethylbenzene	1.305	1.562	1.673	1.800	1.842	1.821	1.881		1.654	1.692	11.27
103)	TP	n-Butylbenzene	1.994	2.355	2.528	2.725	2.792	2.715	2.772		2.629	2.564	10.60
104)	TP	1,2-Dichlorobe...	1.163	1.336	1.459	1.517	1.542	1.513	1.523		1.406	1.432	9.04
105)	TP	1,2,4,5-Tetram...	2.233	2.569	2.745	2.939	2.947	2.964	3.032		2.612	2.755	9.88
106)	TP	1,2-Dibromo-3-...		0.086	0.099	0.105	0.114	0.112	0.113		0.078	0.101	14.19
107)	TP	1,3,5-Trichlor...	0.966	1.106	1.187	1.241	1.248	1.231	1.237		1.195	1.176	8.25
108)	TP	Hexachlorobuta...	0.491	0.547	0.555	0.617	0.629	0.612	0.643		0.593	0.586	8.74

Method Path : K:\VOA123\2025\251103NICAL\
Method File : V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025
Response Via : Initial Calibration

Calibration Files
L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D
L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

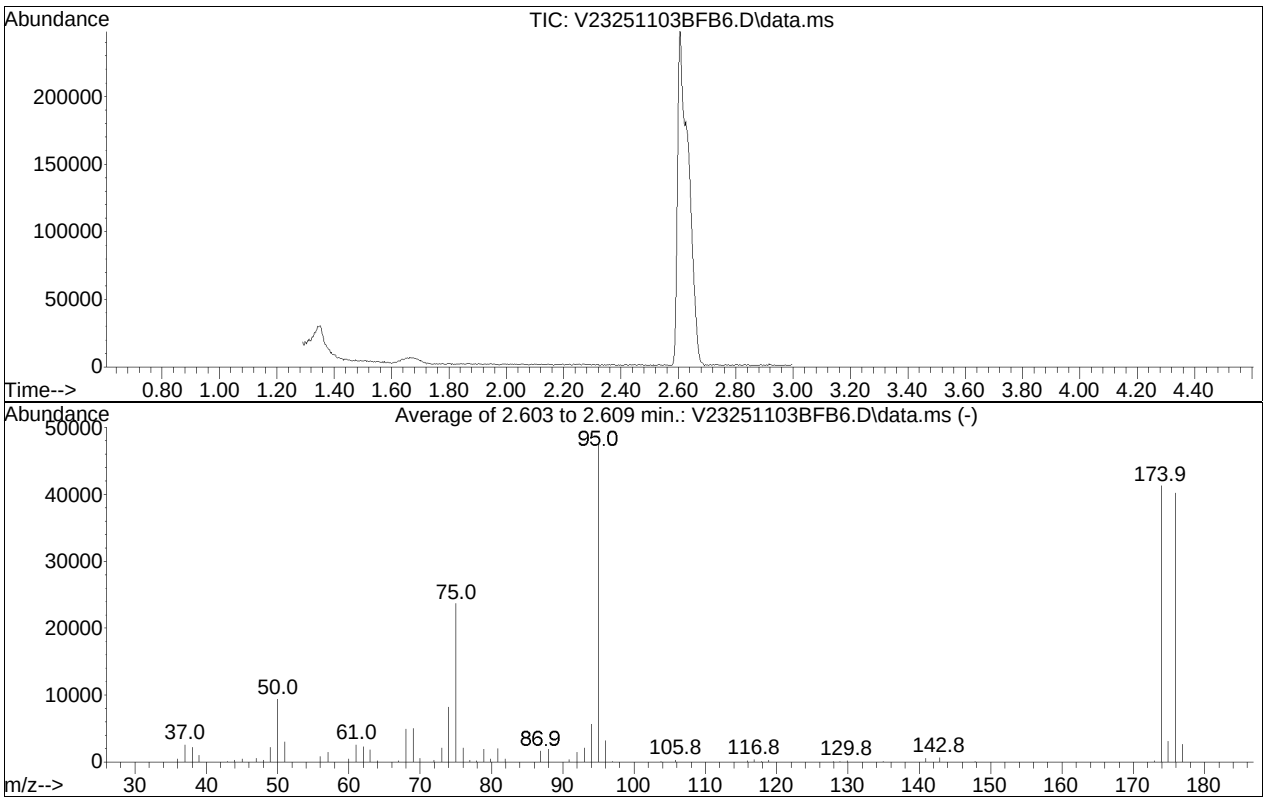
	Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
109)	TP 1,2,4-Trichlor...	0.872	1.019	1.030	1.107	1.072	1.063	1.057	1.037	1.032		6.83
110)	TP Naphthalene	1.849	1.932	2.015	2.084	2.040	1.957	1.951	1.997	1.978		3.67
111)	TP 1,2,3-Trichlor...	0.734	0.882	0.902	0.958	0.919	0.884	0.863	0.929	0.884		7.66

(#) = Out of Range

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103BFB6.D
Acq On : 03 Nov 2025 06:36 pm
Operator : VOA123:raw
Sample : WG2136903-1
Misc : WG2136903,ICAL
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025



AutoFind: Scans 472, 473, 474; Background Corrected with Scan 461

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.7	9413	PASS
75	95	30	60	49.6	23688	PASS
95	95	100	100	100.0	47733	PASS
96	95	5	9	6.8	3233	PASS
173	174	0.00	2	0.4	159	PASS
174	95	50	100	86.5	41280	PASS
175	174	5	9	7.5	3099	PASS
176	174	95	101	97.4	40216	PASS
177	176	5	9	6.5	2622	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N04.D
Acq On : 03 Nov 2025 08:17 pm
Operator : VOA123:AJK
Sample : I8260STD0.5PPB
Misc : WG2136903,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 12:19:28 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.520	96	211024	20.000	ug/L	0.00
Standard Area 1 = 201320			Recovery = 104.82%			
59) Chlorobenzene-d5	8.992	117	150512	20.000	ug/L	0.00
Standard Area 1 = 146207			Recovery = 102.94%			
79) 1,4-Dichlorobenzene-d4	11.800	152	80450	20.000	ug/L	0.00
Standard Area 1 = 79326			Recovery = 101.42%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.734	113	52628	19.527	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.64%			
43) 1,2-Dichloroethane-d4	5.238	65	54320	20.095	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.48%			
60) Toluene-d8	7.174	98	205151	20.217	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.09%			
83) 4-Bromofluorobenzene	10.537	95	73145	20.272	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.36%			
Target Compounds						Qvalue
37) 1,1,1-Trichloroethane	4.759	97	1490	0.348	ug/L #	69
40) 1,1-Dichloropropene	4.882	75	1216	0.368	ug/L #	54
41) Benzene	5.110	78	4218	0.404	ug/L #	87
48) Trichloroethene	5.699	95	1042M1	0.363	ug/L	
54) Bromodichloromethane	6.284	83	1609M1	0.395	ug/L	
58) cis-1,3-Dichloropropene	6.979	75	1614	0.350	ug/L #	66
63) Tetrachloroethene	7.681	166	1047	0.354	ug/L #	34
69) Chlorodibromomethane	8.097	129	983	0.339	ug/L	88
71) 1,2-Dibromoethane	8.359	107	759M1	0.335	ug/L	
73) Chlorobenzene	9.012	112	3166	0.410	ug/L #	69
75) 1,1,1,2-Tetrachloroethane	9.092	131	959	0.328	ug/L #	44
76) p/m Xylene	9.243	106	3797	0.755	ug/L	90
77) o Xylene	9.784	106	4046	0.804	ug/L	100
78) Styrene	9.862	104	6762	0.786	ug/L	98
87) 1,1,2,2-Tetrachloroethane	10.805	83	1208	0.434	ug/L #	90

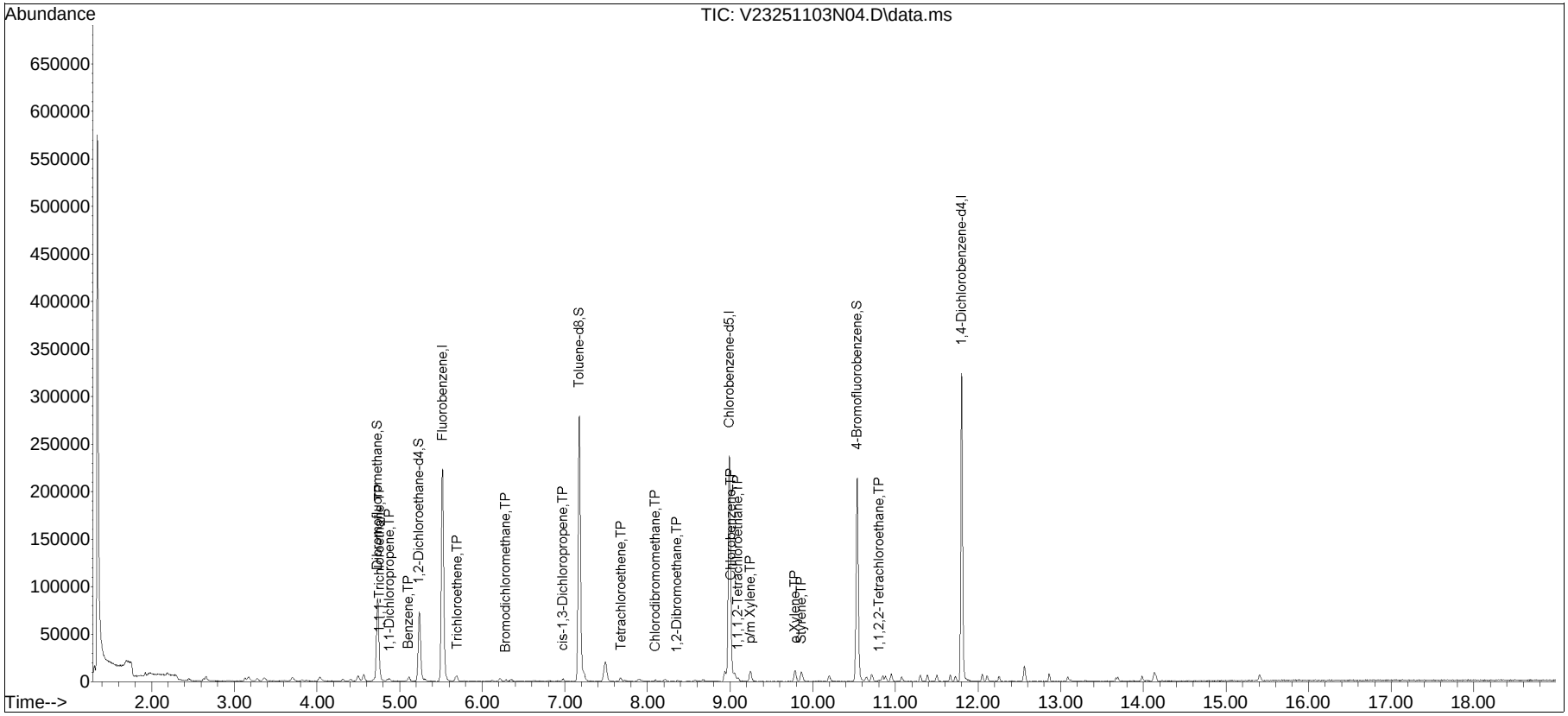
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N04.D
Acq On : 03 Nov 2025 08:17 pm
Operator : VOA123:AJK
Sample : I8260STD0.5PPB
Misc : WG2136903,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 12:19:28 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH03N10.D•

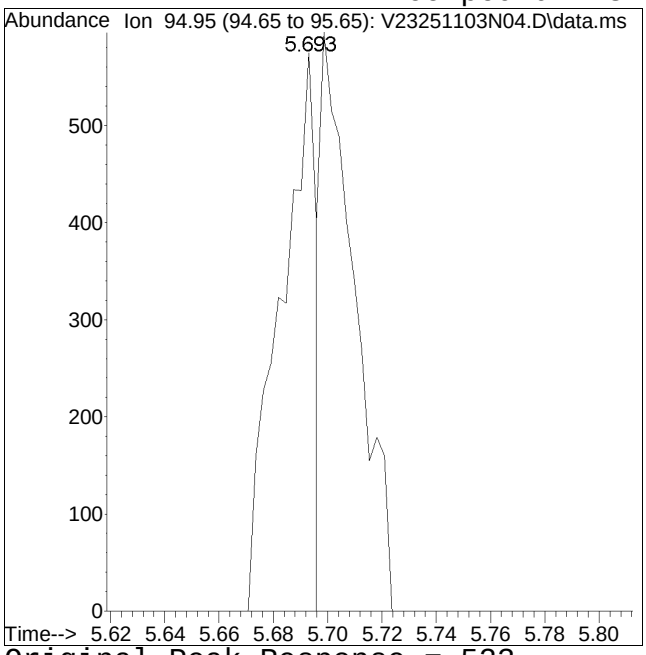


Manual Integration Report

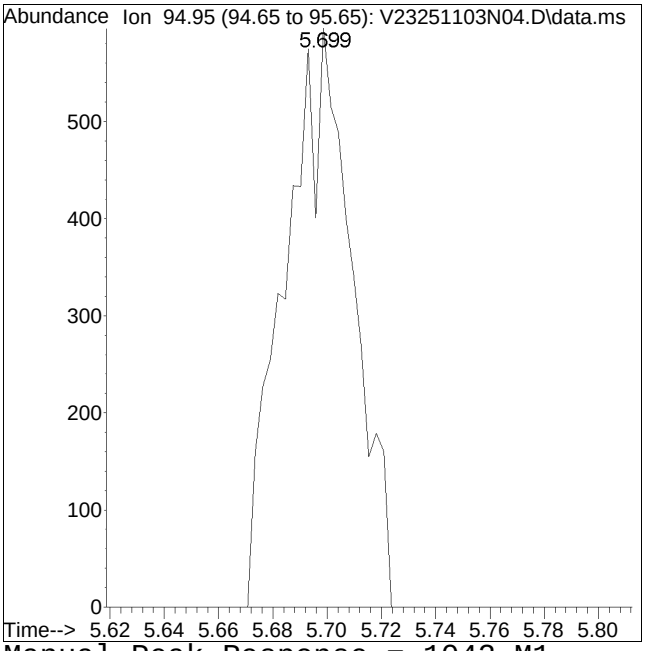
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N04.D
Date Inj'd : 11/3/2025 8:17 pm
Sample : I8260STD0.5PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #48: Trichloroethene



Original Peak Response = 523



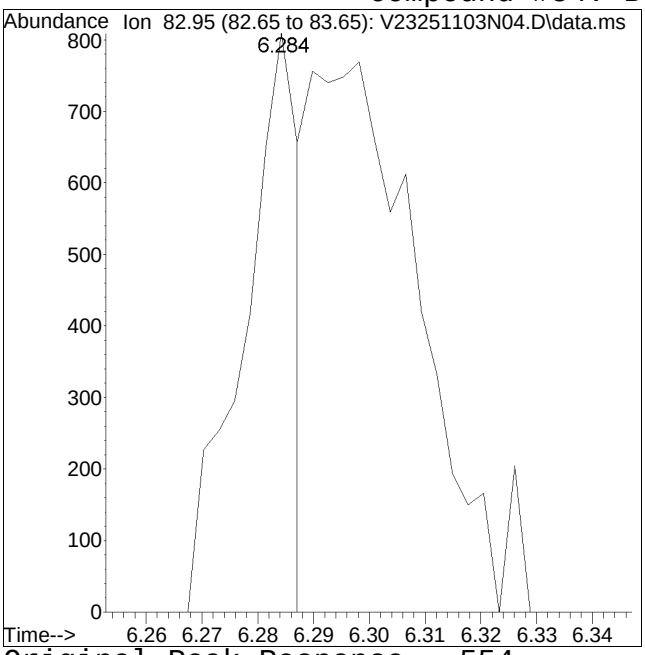
Manual Peak Response = 1042 M1

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

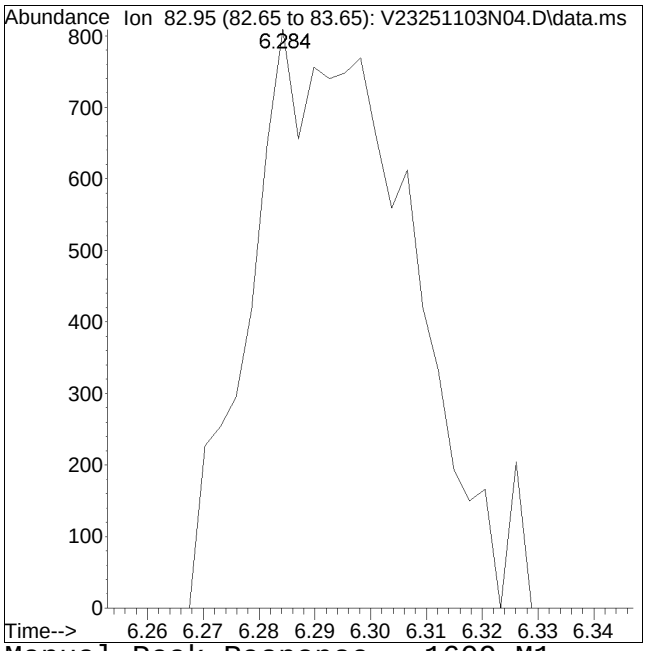
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N04.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:17 pm Instrument : VOA123
Sample : I8260STD0.5PPB Quant Date : 11/4/2025 12:14 pm

Compound #54: Bromodichloromethane



Original Peak Response = 554



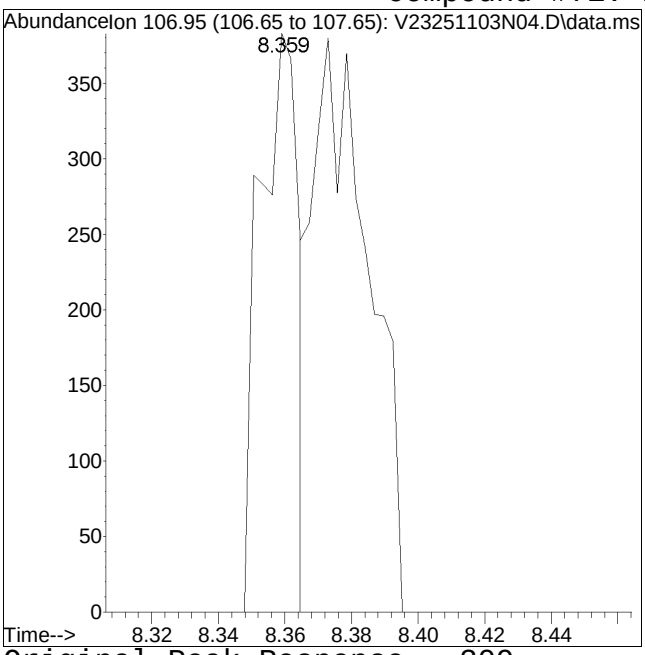
Manual Peak Response = 1609 M1

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

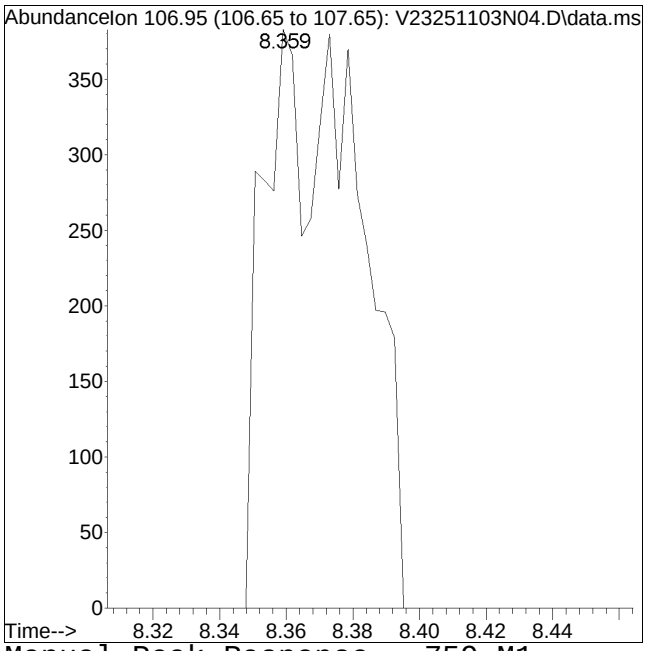
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N04.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:17 pm Instrument : VOA123
Sample : I8260STD0.5PPB Quant Date : 11/4/2025 12:14 pm

Compound #71: 1,2-Dibromoethane



Original Peak Response = 309



Manual Peak Response = 759 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N05.D
Acq On : 03 Nov 2025 08:43 pm
Operator : VOA123:AJK
Sample : I8260STD1PPB
Misc : WG2136903,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 04 12:22:37 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.520	96	210186	20.000 ug/L	0.00
Standard Area 1 = 201320			Recovery = 104.40%		
59) Chlorobenzene-d5	8.989	117	149438	20.000 ug/L	0.00
Standard Area 1 = 146207			Recovery = 102.21%		
79) 1,4-Dichlorobenzene-d4	11.800	152	80193	20.000 ug/L	0.00
Standard Area 1 = 79326			Recovery = 101.09%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.734	113	51902	19.334 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.67%		
43) 1,2-Dichloroethane-d4	5.241	65	52564	19.523 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.61%		
60) Toluene-d8	7.177	98	203384	20.187 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.94%		
83) 4-Bromofluorobenzene	10.537	95	72871	20.261 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.31%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.466	85	1515M1	0.637 ug/L	
3) Chloromethane	1.655	50	2151M1	0.835 ug/L	
4) Vinyl chloride	1.691	62	1553	0.543 ug/L	96
5) Bromomethane	1.962	94	1363M1	0.789 ug/L	
6) Chloroethane	2.073	64	1499	0.785 ug/L	93
7) Trichlorofluoromethane	2.193	101	2856	0.675 ug/L	91
8) Ethyl ether	2.458	74	1099	0.766 ug/L #	73
10) 1,1-Dichloroethene	2.628	96	1575	0.704 ug/L	89
11) Carbon disulfide	2.656	76	7898M1	1.022 ug/L	
12) Freon-113	2.673	101	1599M1	0.701 ug/L	
14) Acrolein	2.916	56	243M1	0.883 ug/L	
15) Methylene chloride	3.133	84	2602	0.916 ug/L	84
17) Acetone	3.175	43	5411M1	7.840 ug/L	
18) trans-1,2-Dichloroethene	3.278	96	1820	0.680 ug/L	93
19) Methyl acetate	3.287	43	1069M1	0.940 ug/L	
20) Methyl tert-butyl ether	3.367	73	6337	0.845 ug/L #	84
21) tert-Butyl alcohol	3.457	59	814M1	3.755 ug/L	
22) Diisopropyl ether	3.699	45	6617	0.816 ug/L #	80
23) 1,1-Dichloroethane	3.819	63	3636	0.744 ug/L	94
24) Halothane	3.867	117	1401	0.714 ug/L #	71
25) Acrylonitrile	3.872	53	160	0.277 ug/L #	52

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N05.D
Acq On : 03 Nov 2025 08:43 pm
Operator : VOA123:AJK
Sample : I8260STD1PPB
Misc : WG2136903,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 04 12:22:37 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.037	59	6454	0.785	ug/L		98
27) Vinyl acetate	4.051	43	4868	0.857	ug/L	#	85
28) cis-1,2-Dichloroethene	4.313	96	2351	0.770	ug/L		96
29) 2,2-Dichloropropane	4.408	77	2941	0.736	ug/L	#	77
30) Bromochloromethane	4.488	128	1037M1	0.747	ug/L		
31) Cyclohexane	4.494	56	3129M1	0.779	ug/L		
32) Chloroform	4.564	83	7520	1.455	ug/L		97
33) Ethyl acetate	0.000		0	N.D.	d		
34) Carbon tetrachloride	4.698	117	2804	0.730	ug/L		92
35) Tetrahydrofuran	0.000		0	N.D.	d		
37) 1,1,1-Trichloroethane	4.756	97	3128M1	0.733	ug/L		
39) 2-Butanone	4.857	43	2947M1	3.984	ug/L		
40) 1,1-Dichloropropene	4.879	75	2459	0.748	ug/L		92
41) Benzene	5.110	78	8030	0.773	ug/L		91
42) tert-Amyl methyl ether	5.225	73	5938	0.806	ug/L	#	78
44) 1,2-Dichloroethane	5.314	62	3146M1	0.854	ug/L		
47) Methyl cyclohexane	5.682	83	3278	0.745	ug/L		84
48) Trichloroethene	5.690	95	2079	0.727	ug/L	#	84
50) Dibromomethane	6.111	93	1198M1	0.717	ug/L		
51) 1,2-Dichloropropane	6.215	63	2323	0.832	ug/L		90
53) 2-Chloroethyl vinyl ether	6.917	63	648	0.518	ug/L	#	72
54) Bromodichloromethane	6.290	83	2980M1	0.735	ug/L		
57) 1,4-Dioxane	0.000		0	N.D.	d		
58) cis-1,3-Dichloropropene	6.973	75	3284M1	0.716	ug/L		
61) Toluene	7.238	92	5131	0.783	ug/L		100
62) 4-Methyl-2-pentanone	7.665	58	413	0.557	ug/L	#	77
63) Tetrachloroethene	7.676	166	2124	0.723	ug/L		86
65) trans-1,3-Dichloropropene	7.721	75	2399	0.616	ug/L		74
67) Ethyl methacrylate	7.913	69	1951M1	0.666	ug/L		
68) 1,1,2-Trichloroethane	7.893	83	1467	0.777	ug/L		96
69) Chlorodibromomethane	8.089	129	2031	0.705	ug/L		98
70) 1,3-Dichloropropane	8.206	76	2986	0.794	ug/L	#	77
71) 1,2-Dibromoethane	8.365	107	1572	0.699	ug/L	#	45
72) 2-Hexanone	8.671	43	1513M1	1.267	ug/L		
73) Chlorobenzene	9.012	112	5773	0.753	ug/L	#	85
74) Ethylbenzene	9.062	91	10435M1	0.815	ug/L		
75) 1,1,1,2-Tetrachloroethane	9.101	131	2091	0.721	ug/L	#	64
76) p/m Xylene	9.249	106	7333	1.469	ug/L		93
77) o Xylene	9.787	106	7503	1.502	ug/L		98
78) Styrene	9.859	104	12103	1.418	ug/L	#	60

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N05.D
Acq On : 03 Nov 2025 08:43 pm
Operator : VOA123:AJK
Sample : I8260STD1PPB
Misc : WG2136903,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 04 12:22:37 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.871	173	1315	0.723	ug/L	#	46
82) Isopropylbenzene	10.191	105	9422	0.748	ug/L		98
84) Bromobenzene	10.643	156	2635	0.780	ug/L		97
85) n-Propylbenzene	10.710	91	11411	0.760	ug/L		98
86) 1,4-Dichlorobutane	10.727	55	3259	0.872	ug/L	#	86
87) 1,1,2,2-Tetrachloroethane	10.805	83	2401	0.865	ug/L		93
88) 4-Ethyltoluene	10.847	105	9465	0.752	ug/L		97
89) 2-Chlorotoluene	10.877	91	7443	0.806	ug/L		96
90) 1,3,5-Trimethylbenzene	10.950	105	8679	0.785	ug/L		95
91) 1,2,3-Trichloropropane	10.941	75	1892	0.887	ug/L		87
92) trans-1,4-Dichloro-2-b...	11.003	53	145	0.191	ug/L	#	1
93) 4-Chlorotoluene	11.073	91	7427	0.781	ug/L		97
94) tert-Butylbenzene	11.301	119	7136	0.765	ug/L		93
97) 1,2,4-Trimethylbenzene	11.388	105	8419	0.764	ug/L		98
98) sec-Butylbenzene	11.502	105	10348	0.742	ug/L		100
99) p-Isopropyltoluene	11.664	119	9113	0.751	ug/L		96
100) 1,3-Dichlorobenzene	11.728	146	4885	0.757	ug/L	#	84
101) 1,4-Dichlorobenzene	11.817	146	5583	0.854	ug/L	#	88
102) p-Diethylbenzene	12.049	119	5233	0.725	ug/L		98
103) n-Butylbenzene	12.110	91	7996	0.732	ug/L		98
104) 1,2-Dichlorobenzene	12.255	146	4662	0.766	ug/L		99
105) 1,2,4,5-Tetramethylben...	12.863	119	8954	0.760	ug/L		97
106) 1,2-Dibromo-3-chloropr...	13.044	155	160	0.380	ug/L	#	1
107) 1,3,5-Trichlorobenzene	13.080	180	3872	0.778	ug/L		97
108) Hexachlorobutadiene	13.666	225	1967	0.795	ug/L		93
109) 1,2,4-Trichlorobenzene	13.688	180	3495	0.787	ug/L		98
110) Naphthalene	13.984	128	7413	0.887	ug/L		100
111) 1,2,3-Trichlorobenzene	14.151	180	2942	0.766	ug/L		95

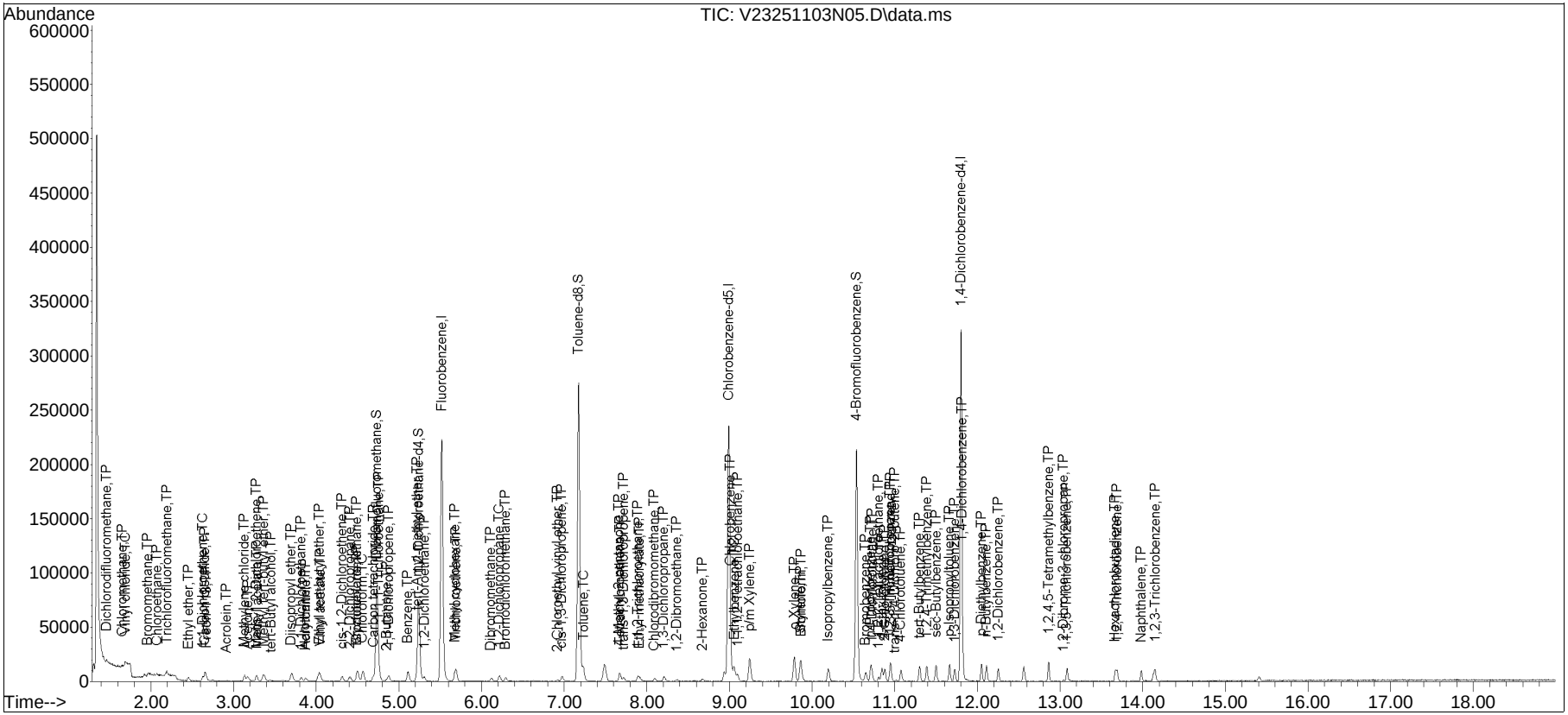
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N05.D
Acq On : 03 Nov 2025 08:43 pm
Operator : VOA123:AJK
Sample : I8260STD1PPB
Misc : WG2136903,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 04 12:22:37 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

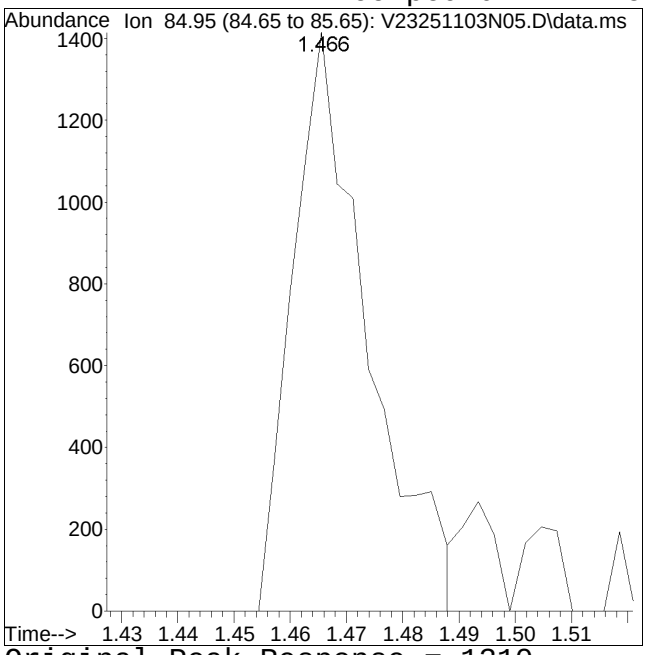
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•



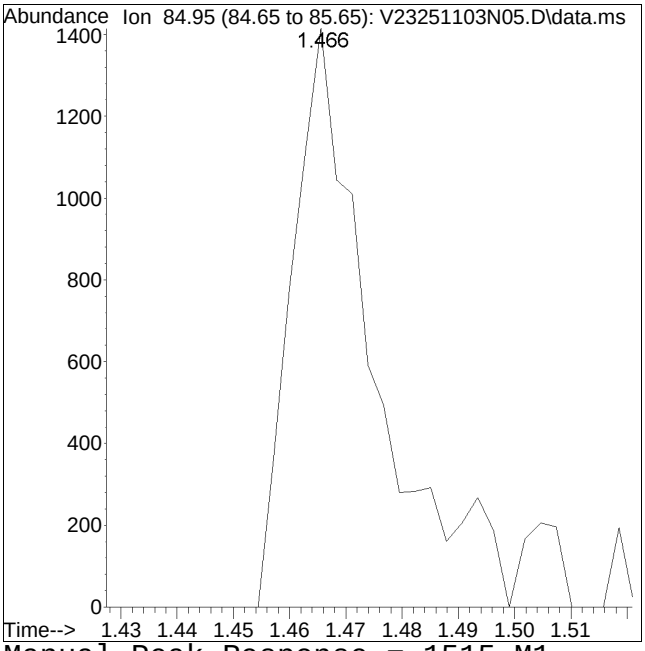
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #2: Dichlorodifluoromethane



Original Peak Response = 1310



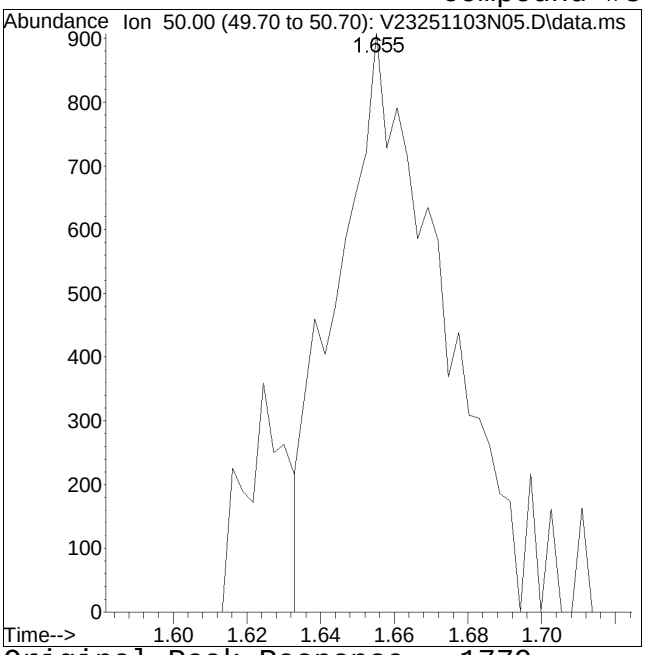
Manual Peak Response = 1515 M1

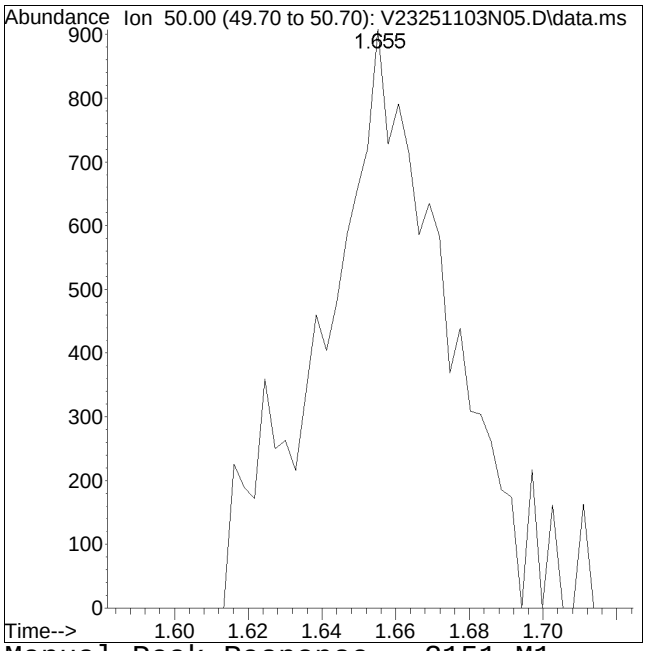
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #3: Chloromethane





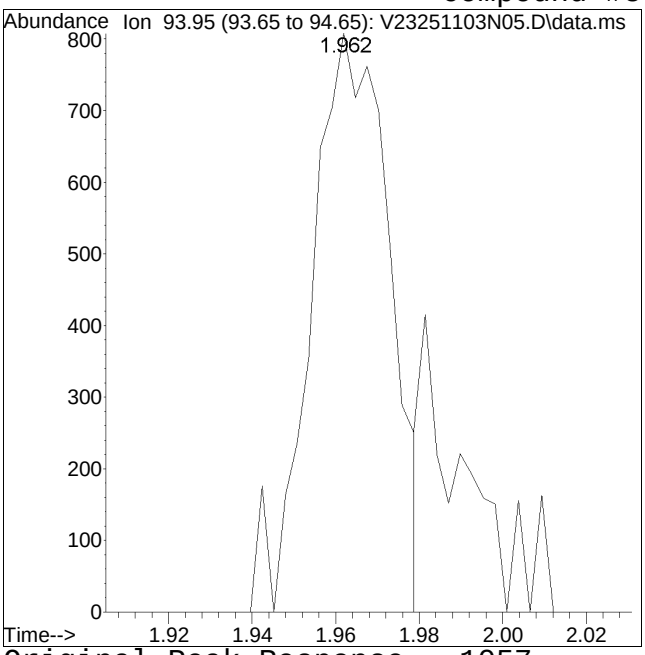
Original Peak Response = 1779 Manual Peak Response = 2151 M1

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

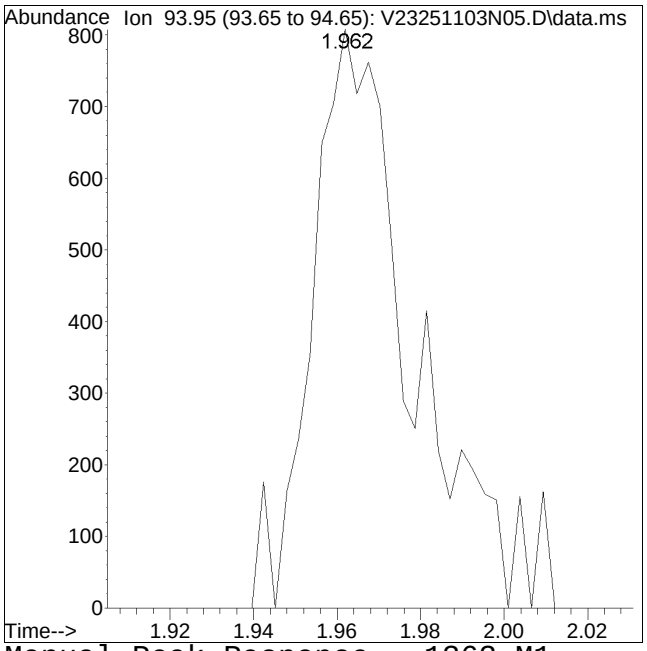
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #5: Bromomethane



Original Peak Response = 1057



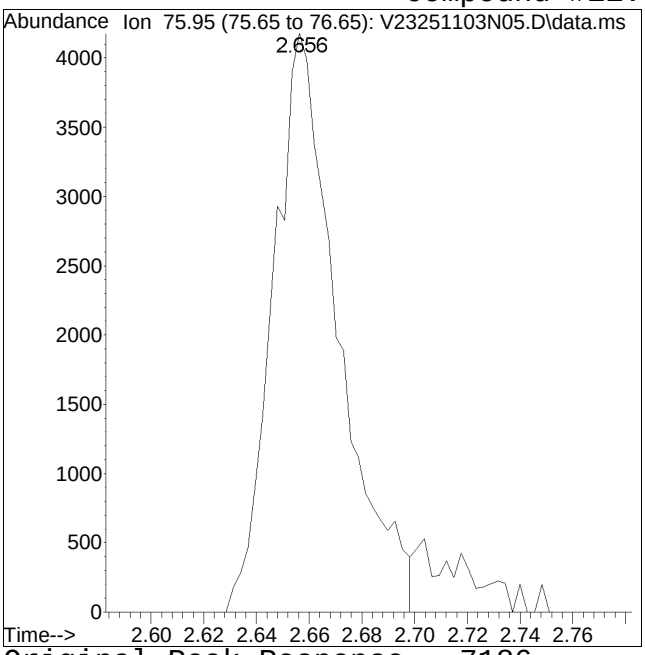
Manual Peak Response = 1363 M1

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

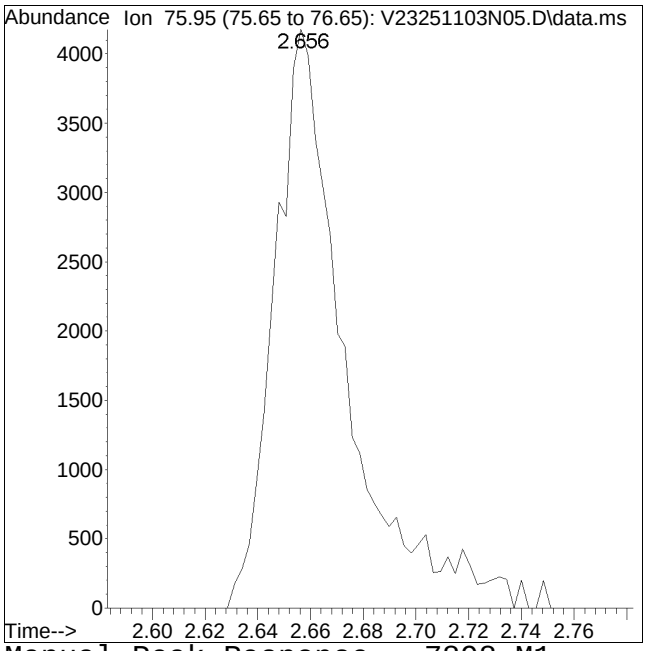
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #11: Carbon disulfide



Original Peak Response = 7186



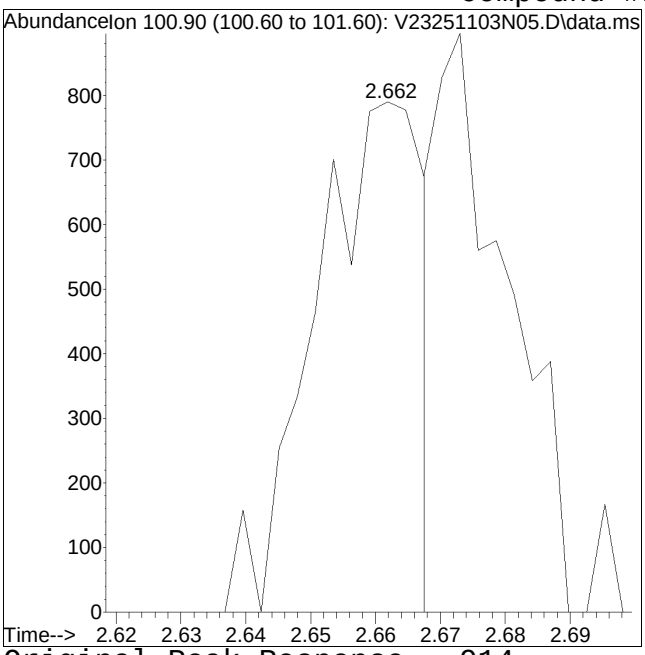
Manual Peak Response = 7898 M1

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

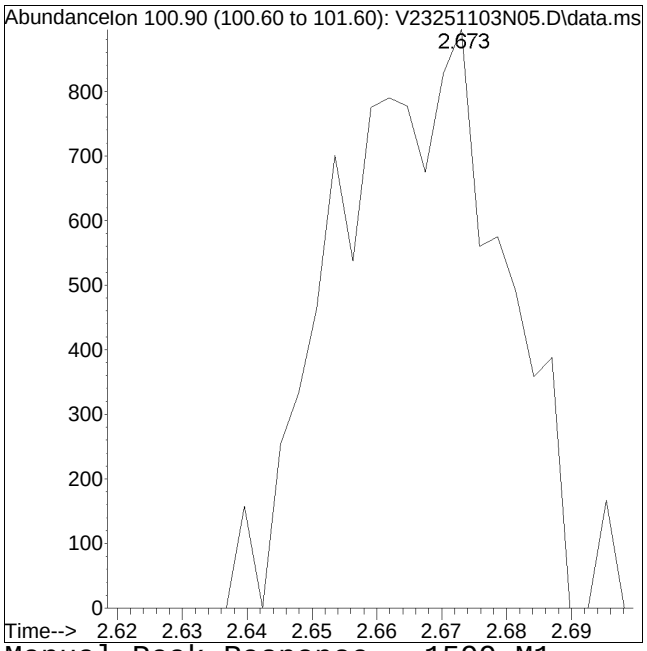
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #12: Freon-113



Original Peak Response = 914



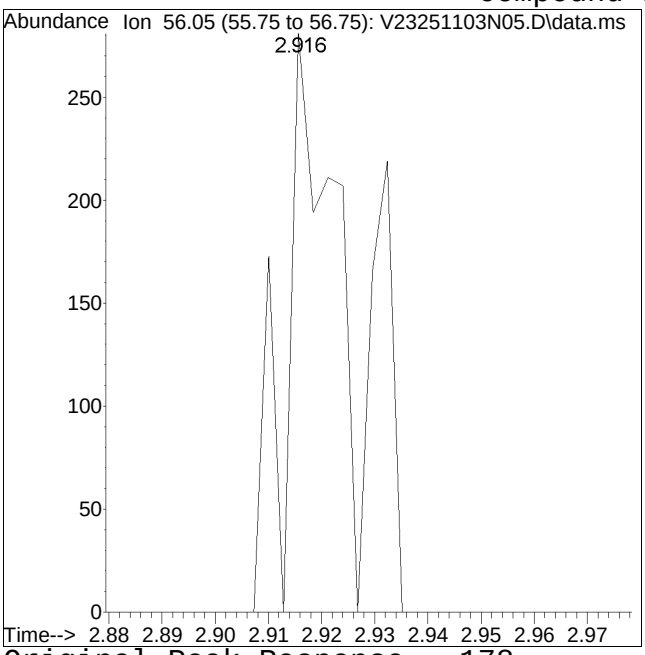
Manual Peak Response = 1599 M1

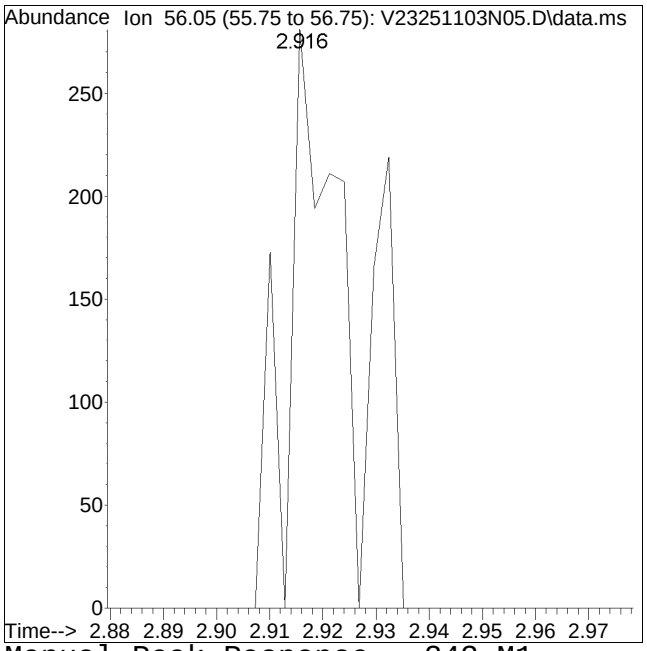
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #14: Acrolein



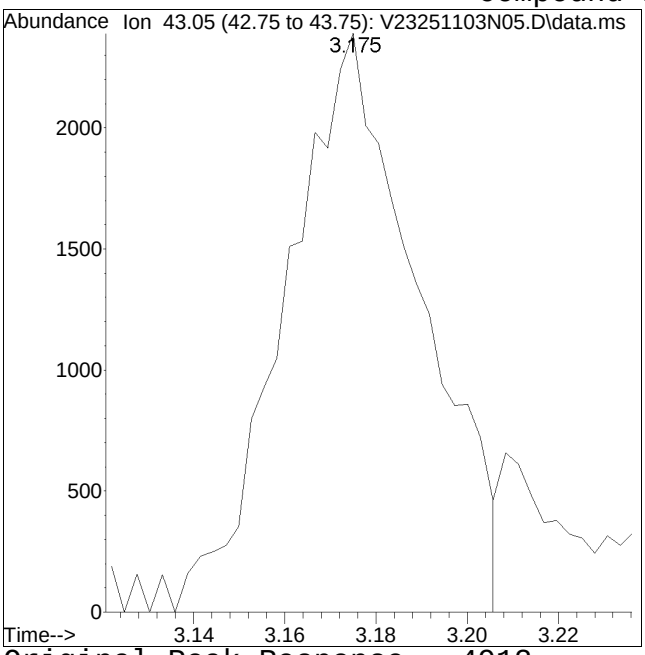


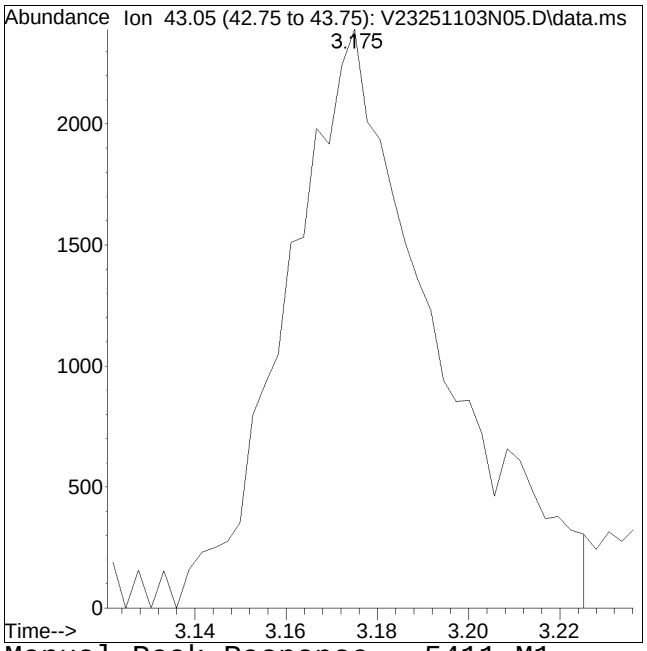
Original Peak Response = 178 Manual Peak Response = 243 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #17: Acetone





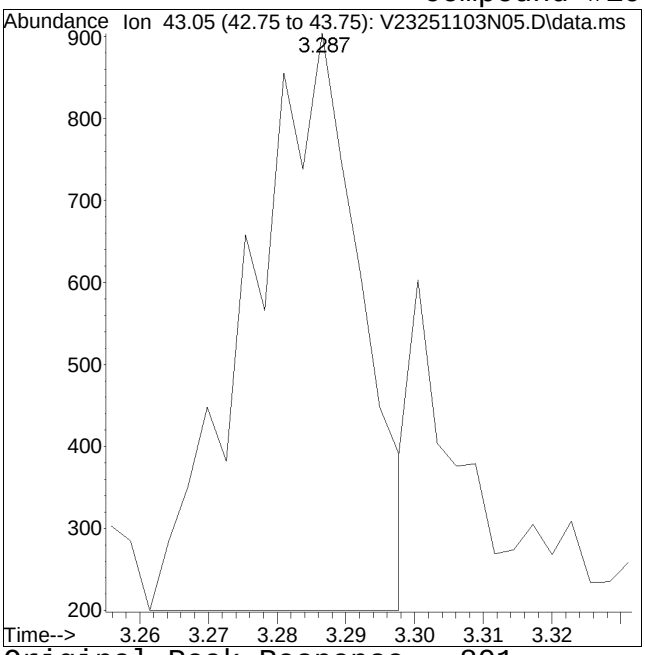
Original Peak Response = 4912 Manual Peak Response = 5411 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

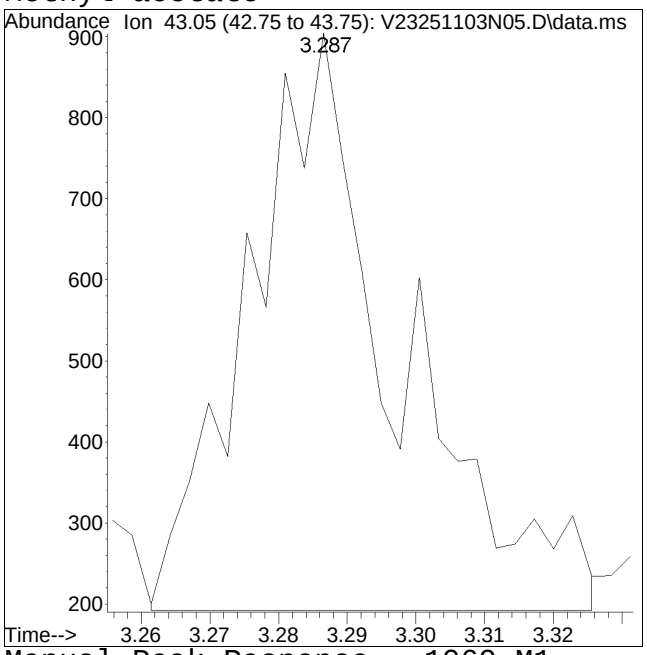
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N05.D
Date Inj'd : 11/3/2025 8:43 pm
Sample : I8260STD1PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #19: Methyl acetate



Original Peak Response = 801



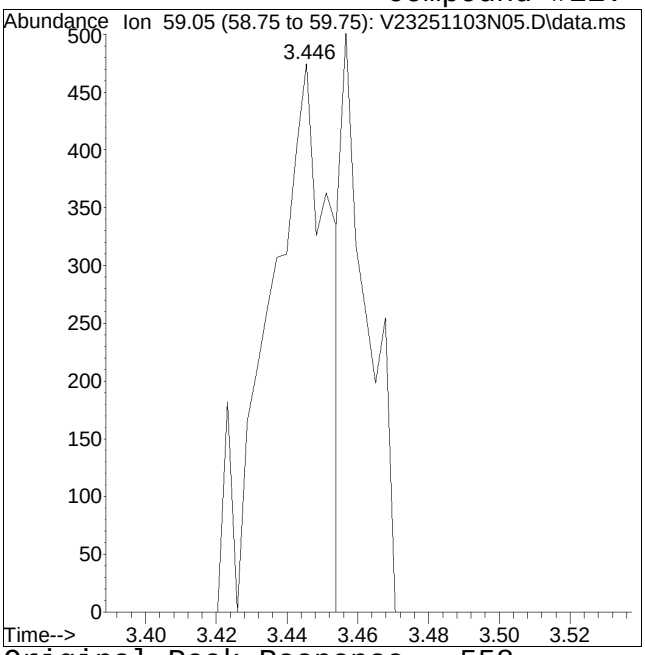
Manual Peak Response = 1069 M1

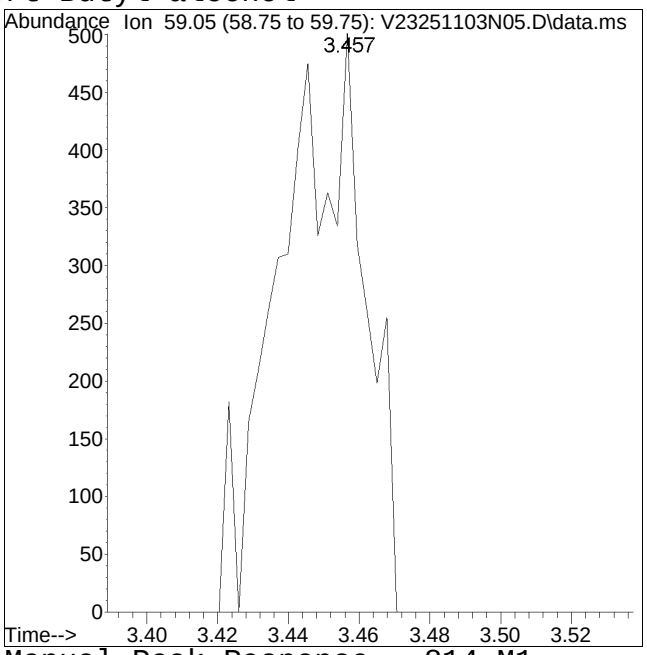
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #21: tert-Butyl alcohol



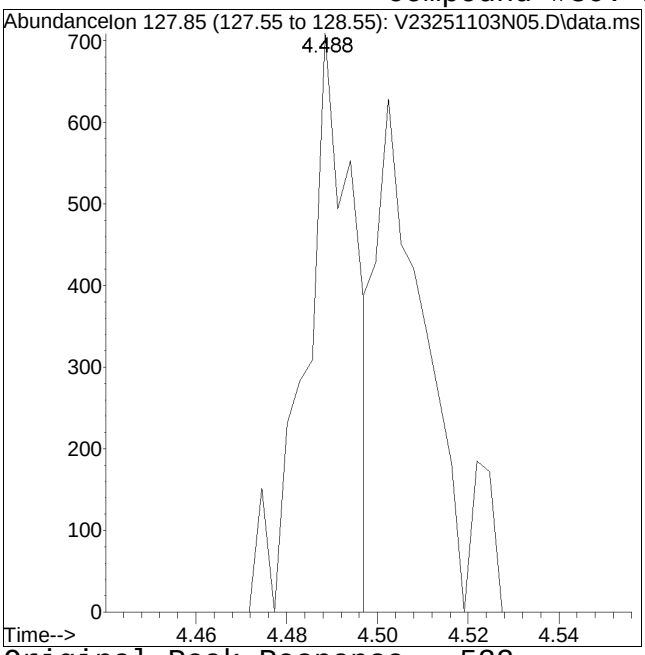


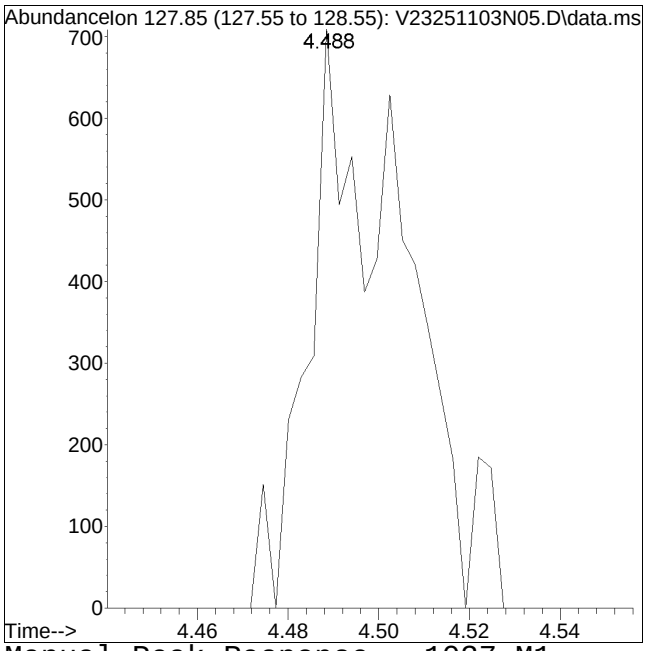
Original Peak Response = 558 Manual Peak Response = 814 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #30: Bromochloromethane





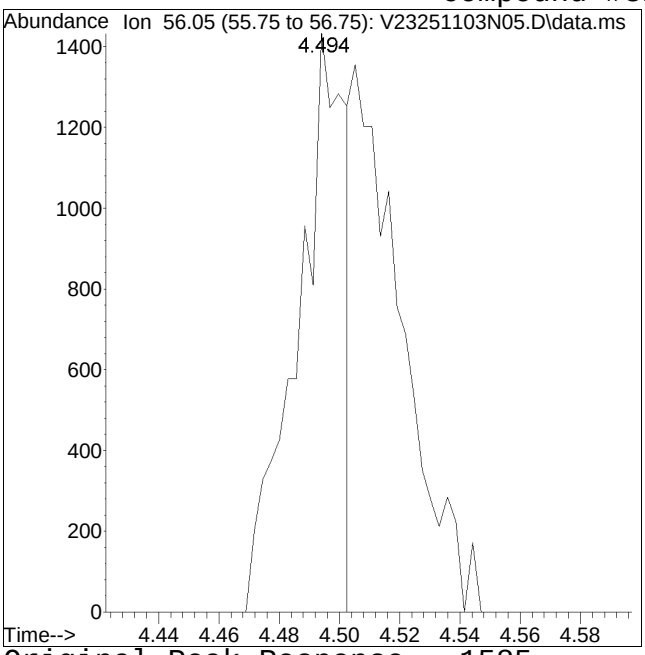
Original Peak Response = 522 Manual Peak Response = 1037 M1

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

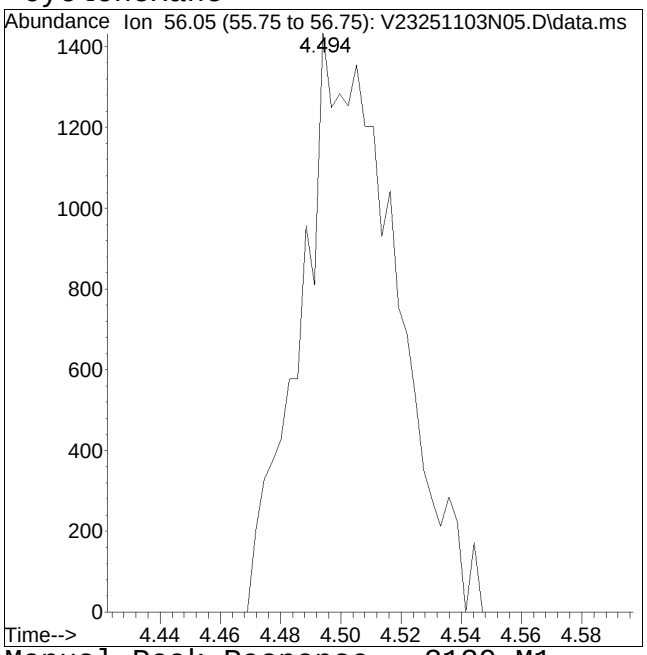
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #31: Cyclohexane



Original Peak Response = 1585



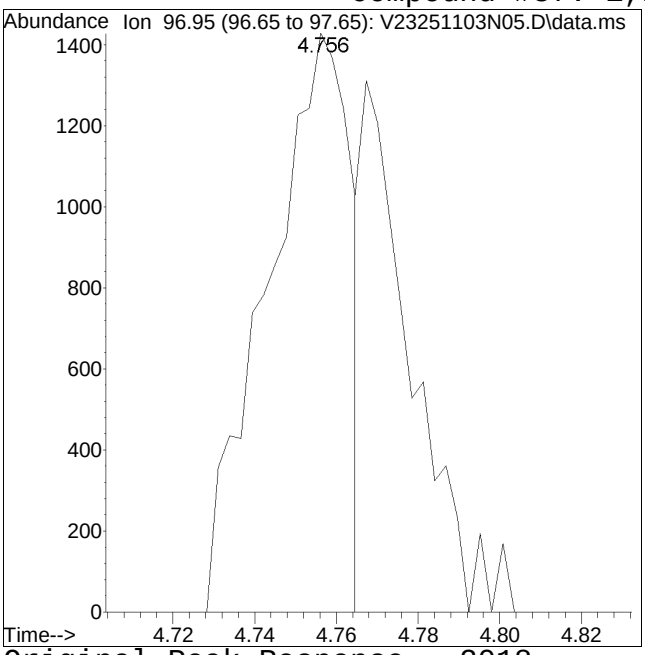
Manual Peak Response = 3129 M1

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

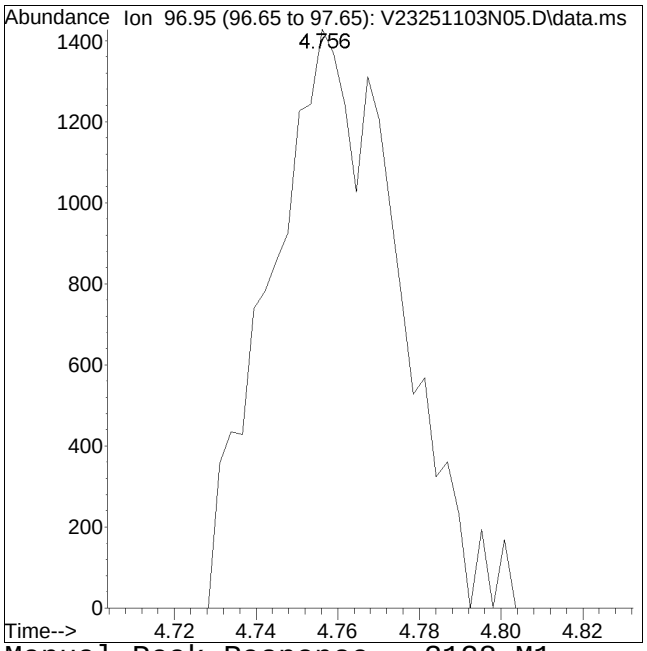
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #37: 1,1,1-Trichloroethane



Original Peak Response = 2018



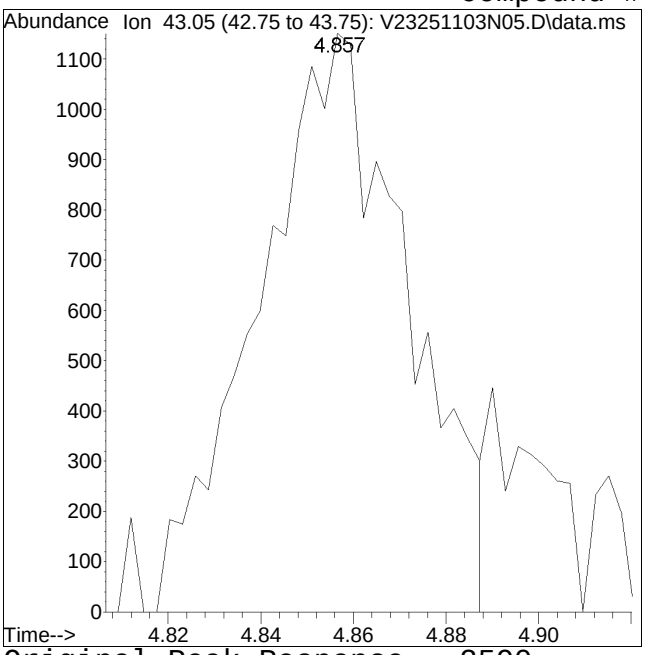
Manual Peak Response = 3128 M1

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

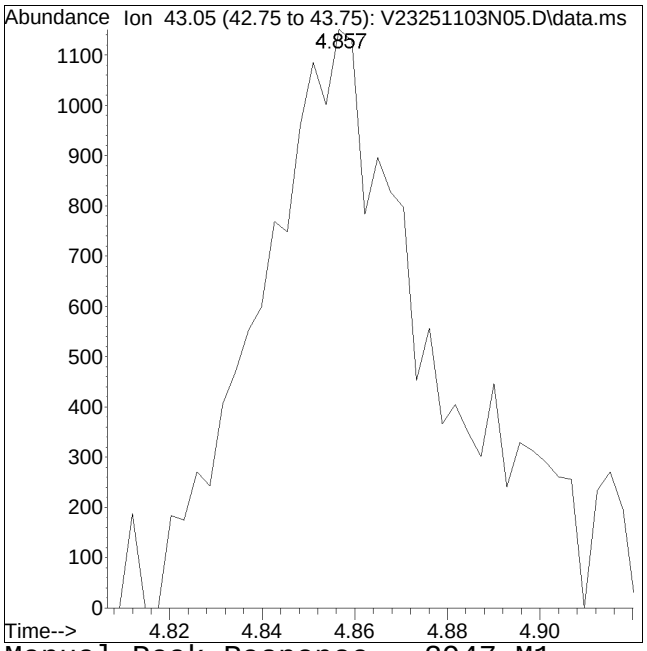
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #39: 2-Butanone



Original Peak Response = 2590



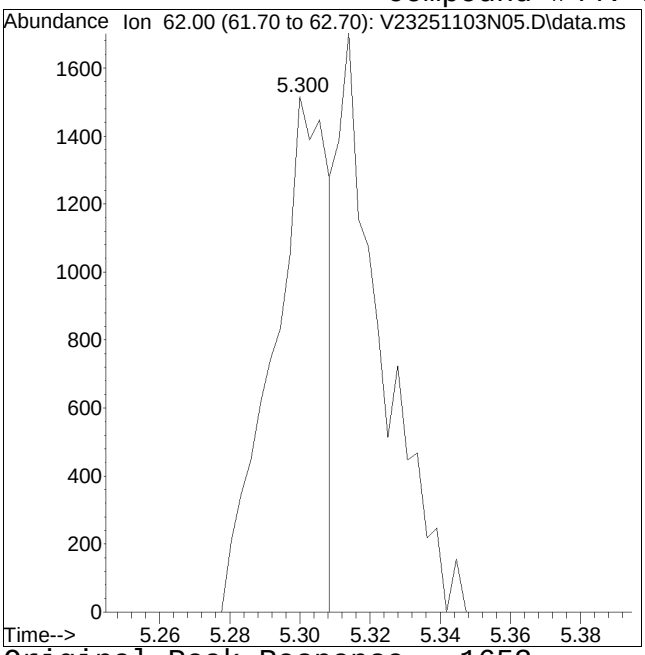
Manual Peak Response = 2947 M1

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

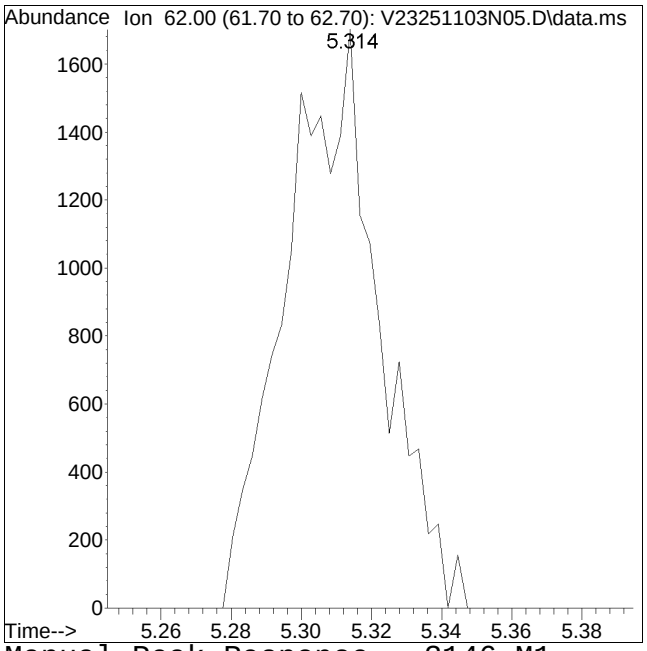
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #44: 1,2-Dichloroethane



Original Peak Response = 1653



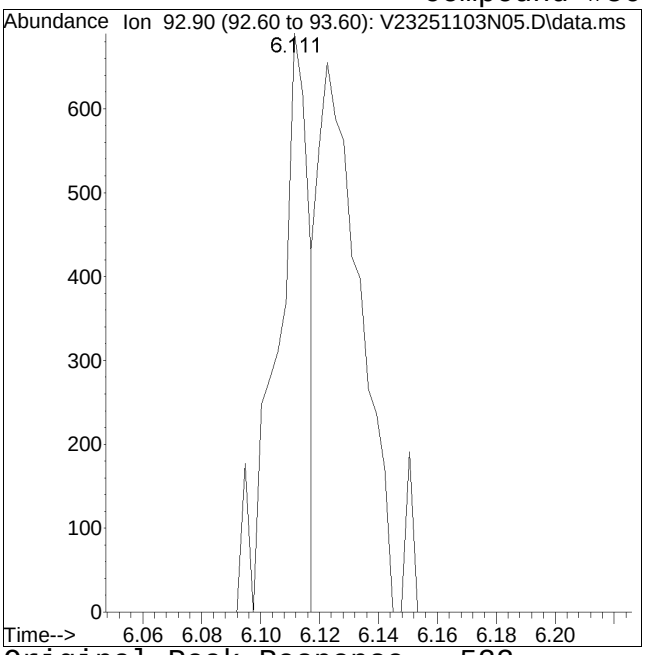
Manual Peak Response = 3146 M1

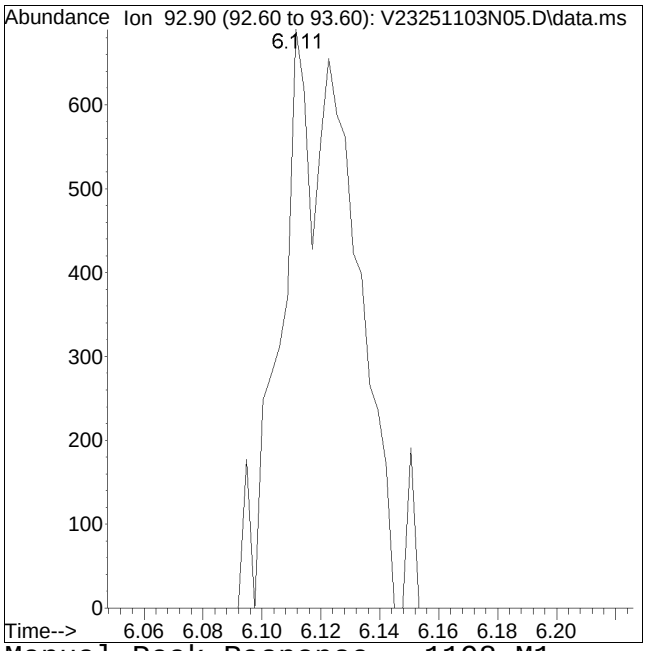
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #50: Dibromomethane





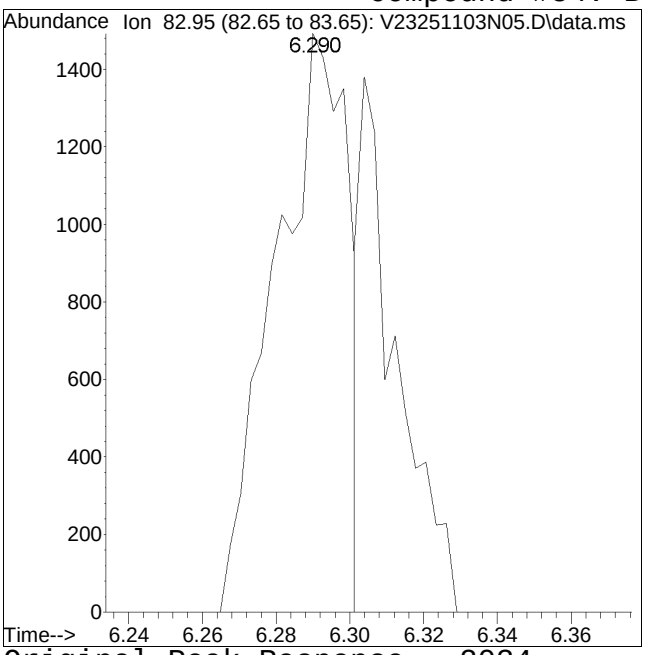
Original Peak Response = 522 Manual Peak Response = 1198 M1

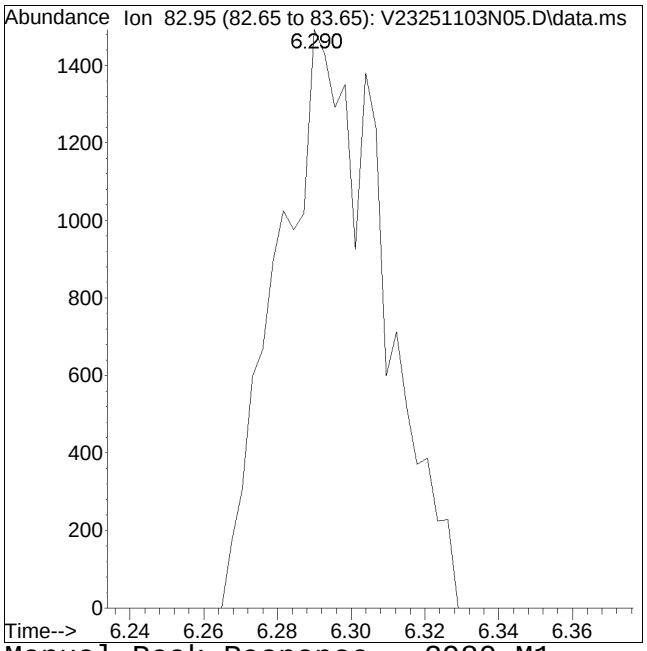
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #54: Bromodichloromethane



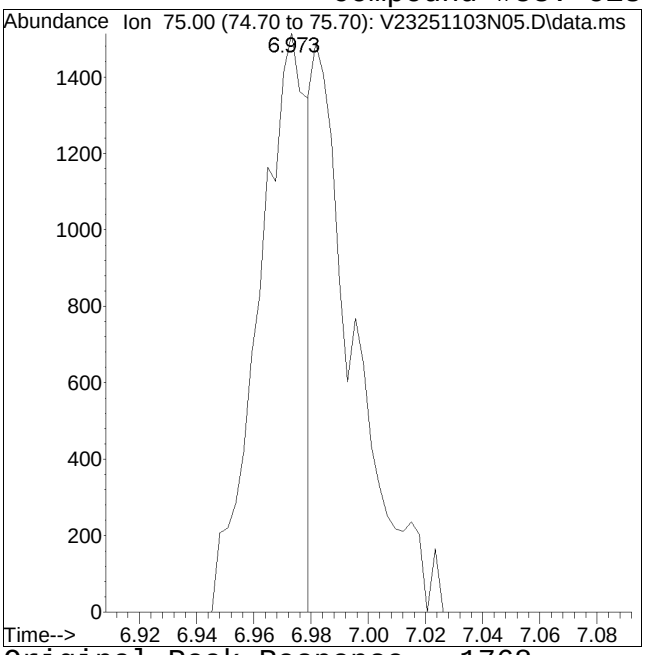


Original Peak Response = 2034 Manual Peak Response = 2980 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

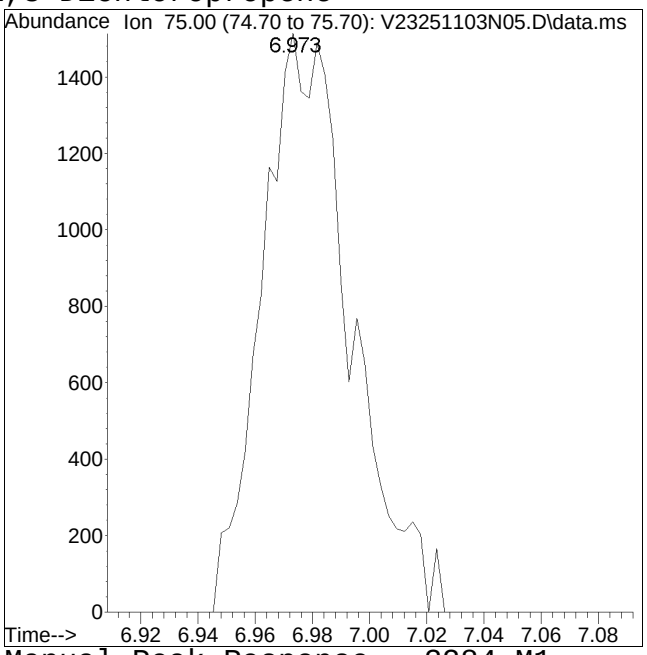
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #58: cis-1,3-Dichloropropene



Original Peak Response = 1768



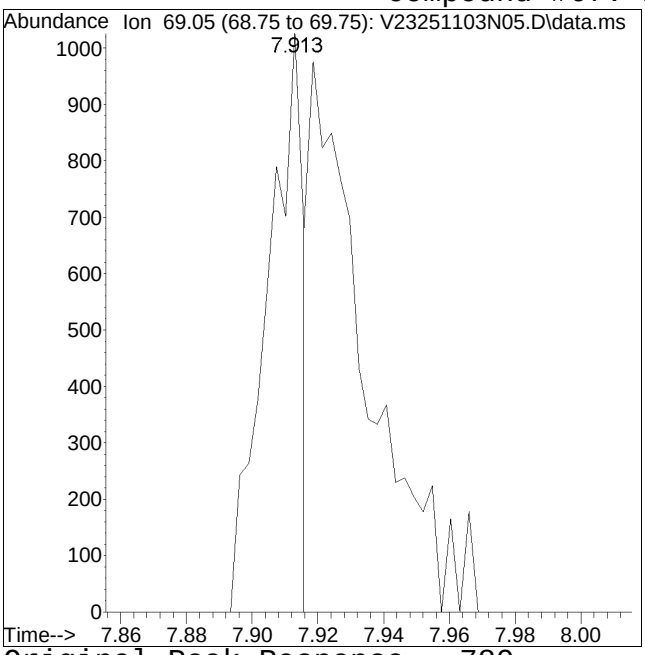
Manual Peak Response = 3284 M1

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

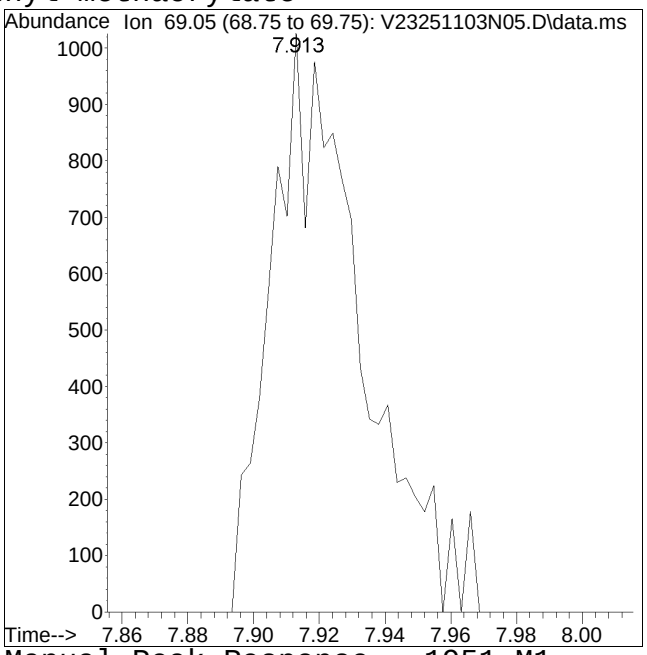
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #67: Ethyl methacrylate



Original Peak Response = 780



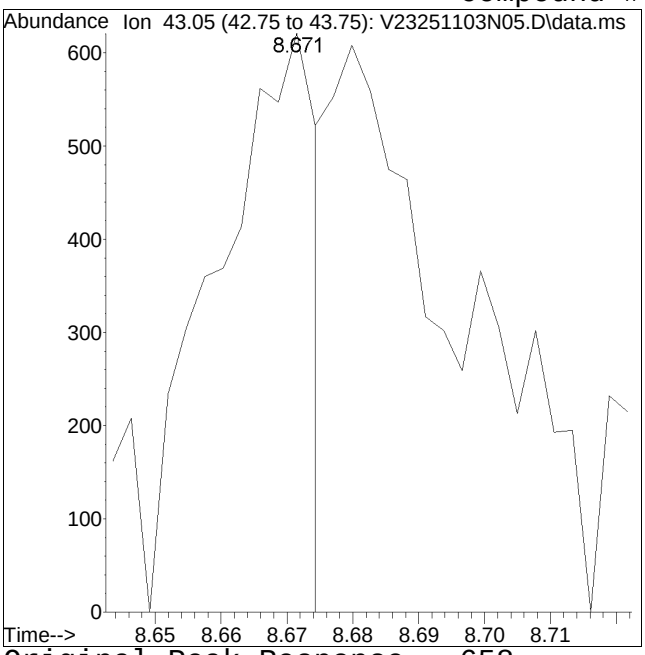
Manual Peak Response = 1951 M1

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

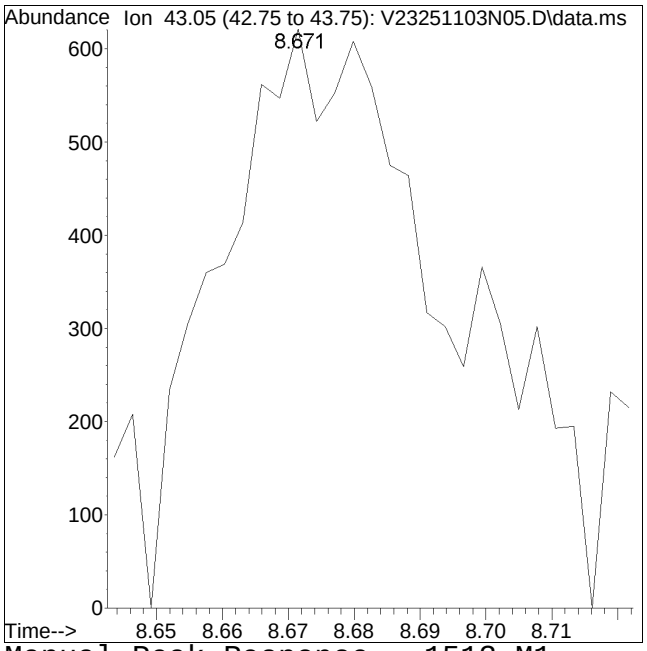
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #72: 2-Hexanone



Original Peak Response = 658



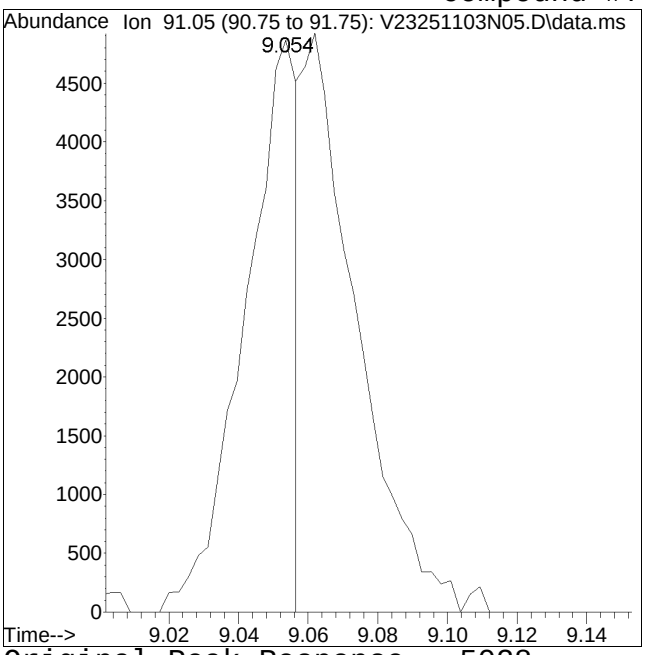
Manual Peak Response = 1513 M1

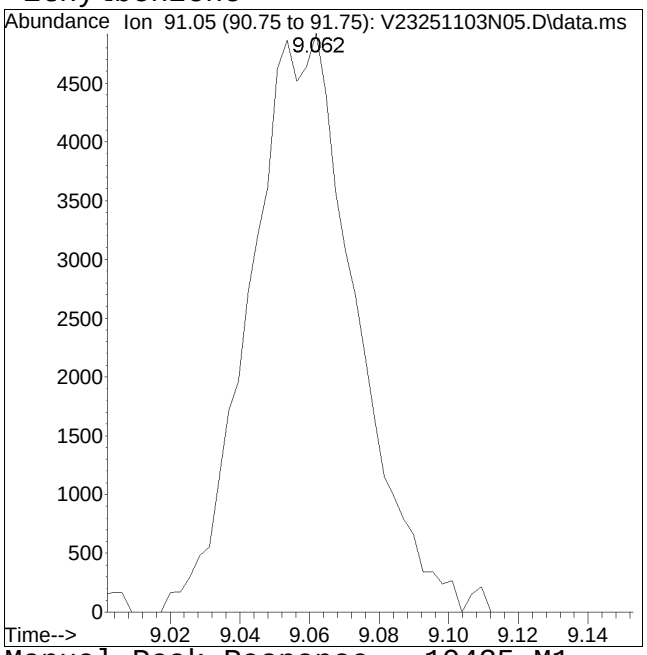
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #74: Ethylbenzene





Original Peak Response = 5028 Manual Peak Response = 10435 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N07.D
Acq On : 03 Nov 2025 09:35 pm
Operator : VOA123:AJK
Sample : I8260STD2PPB
Misc : WG2136903,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 04 12:24:30 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.518	96	201758	20.000 ug/L	0.00
Standard Area 1 = 201320			Recovery = 100.22%		
59) Chlorobenzene-d5	8.992	117	145653	20.000 ug/L	0.00
Standard Area 1 = 146207			Recovery = 99.62%		
79) 1,4-Dichlorobenzene-d4	11.803	152	77102	20.000 ug/L	0.00
Standard Area 1 = 79326			Recovery = 97.20%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.734	113	50565	19.623 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.12%		
43) 1,2-Dichloroethane-d4	5.242	65	52252	20.217 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.09%		
60) Toluene-d8	7.174	98	197839	20.147 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.74%		
83) 4-Bromofluorobenzene	10.540	95	70998	20.531 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.65%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.466	85	4921M1	2.157 ug/L	
3) Chloromethane	1.661	50	5070M1	2.051 ug/L	
4) Vinyl chloride	1.692	62	5744M1	2.093 ug/L	
5) Bromomethane	1.965	94	3045M1	1.837 ug/L	
6) Chloroethane	2.065	64	3542M1	1.931 ug/L	
7) Trichlorofluoromethane	2.188	101	8263M1	2.035 ug/L	
8) Ethyl ether	2.453	74	2480	1.802 ug/L #	81
10) 1,1-Dichloroethene	2.623	96	4327	2.015 ug/L	92
11) Carbon disulfide	2.656	76	17370M1	2.342 ug/L	
12) Freon-113	2.662	101	4539	2.074 ug/L	99
14) Acrolein	2.921	56	547M1	2.070 ug/L	
15) Methylene chloride	3.133	84	5991M1	2.196 ug/L	
17) Acetone	3.175	43	4715	7.117 ug/L #	88
18) trans-1,2-Dichloroethene	3.281	96	5090	1.981 ug/L	94
19) Methyl acetate	3.287	43	1921	1.761 ug/L #	82
20) Methyl tert-butyl ether	3.365	73	13954	1.937 ug/L	92
21) tert-Butyl alcohol	3.448	59	1807M1	8.684 ug/L	
22) Diisopropyl ether	3.702	45	15460	1.987 ug/L #	91
23) 1,1-Dichloroethane	3.822	63	9268M1	1.975 ug/L	
24) Halothane	3.870	117	3842	2.040 ug/L	96
25) Acrylonitrile	3.878	53	907M1	1.635 ug/L	

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N07.D
Acq On : 03 Nov 2025 09:35 pm
Operator : VOA123:AJK
Sample : I8260STD2PPB
Misc : WG2136903,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 04 12:24:30 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.040	59	15132	1.917	ug/L		90
27) Vinyl acetate	4.045	43	9570	1.755	ug/L	#	93
28) cis-1,2-Dichloroethene	4.319	96	5624	1.919	ug/L		97
29) 2,2-Dichloropropane	4.405	77	7822	2.040	ug/L		92
30) Bromochloromethane	4.497	128	2486	1.866	ug/L		89
31) Cyclohexane	4.503	56	8231	2.135	ug/L	#	44
32) Chloroform	4.567	83	13374	2.696	ug/L		98
33) Ethyl acetate	4.687	43	3524	1.958	ug/L	#	81
34) Carbon tetrachloride	4.698	117	7467	2.025	ug/L		97
35) Tetrahydrofuran	4.717	42	1350M1	2.459	ug/L		
37) 1,1,1-Trichloroethane	4.756	97	8263	2.019	ug/L	#	94
39) 2-Butanone	4.859	43	3104	4.372	ug/L	#	55
40) 1,1-Dichloropropene	4.882	75	6349	2.011	ug/L		97
41) Benzene	5.113	78	19981	2.004	ug/L		97
42) tert-Amyl methyl ether	5.225	73	13094	1.853	ug/L		95
44) 1,2-Dichloroethane	5.306	62	6735	1.905	ug/L		98
47) Methyl cyclohexane	5.682	83	8260	1.957	ug/L		85
48) Trichloroethene	5.693	95	5395	1.966	ug/L		96
50) Dibromomethane	6.123	93	2983M1	1.860	ug/L		
51) 1,2-Dichloropropane	6.218	63	5193	1.938	ug/L		98
53) 2-Chloroethyl vinyl ether	6.923	63	1858M1	1.548	ug/L		
54) Bromodichloromethane	6.296	83	7302	1.877	ug/L	#	98
57) 1,4-Dioxane	6.522	88	879M1	53.551	ug/L		
58) cis-1,3-Dichloropropene	6.973	75	7511	1.705	ug/L	#	85
61) Toluene	7.235	92	12525	1.961	ug/L		94
62) 4-Methyl-2-pentanone	7.673	58	1099M1	1.521	ug/L		
63) Tetrachloroethene	7.679	166	5599	1.956	ug/L	#	84
65) trans-1,3-Dichloropropene	7.718	75	6336	1.669	ug/L		90
67) Ethyl methacrylate	7.916	69	4287	1.501	ug/L		78
68) 1,1,2-Trichloroethane	7.894	83	3697	2.010	ug/L	#	79
69) Chlorodibromomethane	8.094	129	4640	1.653	ug/L		99
70) 1,3-Dichloropropane	8.206	76	6908	1.884	ug/L		99
71) 1,2-Dibromoethane	8.370	107	3644	1.662	ug/L		97
72) 2-Hexanone	8.663	43	748	0.643	ug/L	#	76
73) Chlorobenzene	9.015	112	14496	1.941	ug/L		99
74) Ethylbenzene	9.054	91	26041	2.087	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.098	131	4991	1.765	ug/L	#	63
76) p/m Xylene	9.246	106	19170	3.940	ug/L		97
77) o Xylene	9.787	106	19073	3.918	ug/L		100
78) Styrene	9.857	104	30148	3.623	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N07.D
Acq On : 03 Nov 2025 09:35 pm
Operator : VOA123:AJK
Sample : I8260STD2PPB
Misc : WG2136903,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 04 12:24:30 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.874	173	2960	1.693	ug/L		93
82) Isopropylbenzene	10.200	105	23702	1.956	ug/L		100
84) Bromobenzene	10.654	156	6260	1.927	ug/L		97
85) n-Propylbenzene	10.713	91	28214	1.956	ug/L		100
86) 1,4-Dichlorobutane	10.724	55	7188	2.001	ug/L		98
87) 1,1,2,2-Tetrachloroethane	10.802	83	5095	1.910	ug/L		99
88) 4-Ethyltoluene	10.844	105	23177	1.915	ug/L		100
89) 2-Chlorotoluene	10.880	91	17850	2.011	ug/L		98
90) 1,3,5-Trimethylbenzene	10.950	105	20481	1.926	ug/L		99
91) 1,2,3-Trichloropropane	10.947	75	4152	2.025	ug/L	#	85
92) trans-1,4-Dichloro-2-b...	11.006	53	515	0.707	ug/L	#	45
93) 4-Chlorotoluene	11.075	91	17852	1.951	ug/L		99
94) tert-Butylbenzene	11.301	119	17103	1.908	ug/L		97
97) 1,2,4-Trimethylbenzene	11.385	105	20249	1.911	ug/L		99
98) sec-Butylbenzene	11.497	105	26076	1.944	ug/L		99
99) p-Isopropyltoluene	11.664	119	21880	1.876	ug/L		96
100) 1,3-Dichlorobenzene	11.722	146	11774	1.897	ug/L		99
101) 1,4-Dichlorobenzene	11.820	146	12254	1.950	ug/L	#	91
102) p-Diethylbenzene	12.049	119	12750	1.838	ug/L		96
103) n-Butylbenzene	12.110	91	20272	1.930	ug/L		96
104) 1,2-Dichlorobenzene	12.255	146	10838	1.853	ug/L		100
105) 1,2,4,5-Tetramethylben...	12.860	119	20141	1.778	ug/L		99
106) 1,2-Dibromo-3-chloropr...	13.050	155	598	1.479	ug/L		97
107) 1,3,5-Trichlorobenzene	13.086	180	9213	1.926	ug/L		97
108) Hexachlorobutadiene	13.669	225	4573	1.923	ug/L		97
109) 1,2,4-Trichlorobenzene	13.691	180	7996	1.873	ug/L		97
110) Naphthalene	13.984	128	15395	1.916	ug/L		100
111) 1,2,3-Trichlorobenzene	14.151	180	7160	1.939	ug/L		96

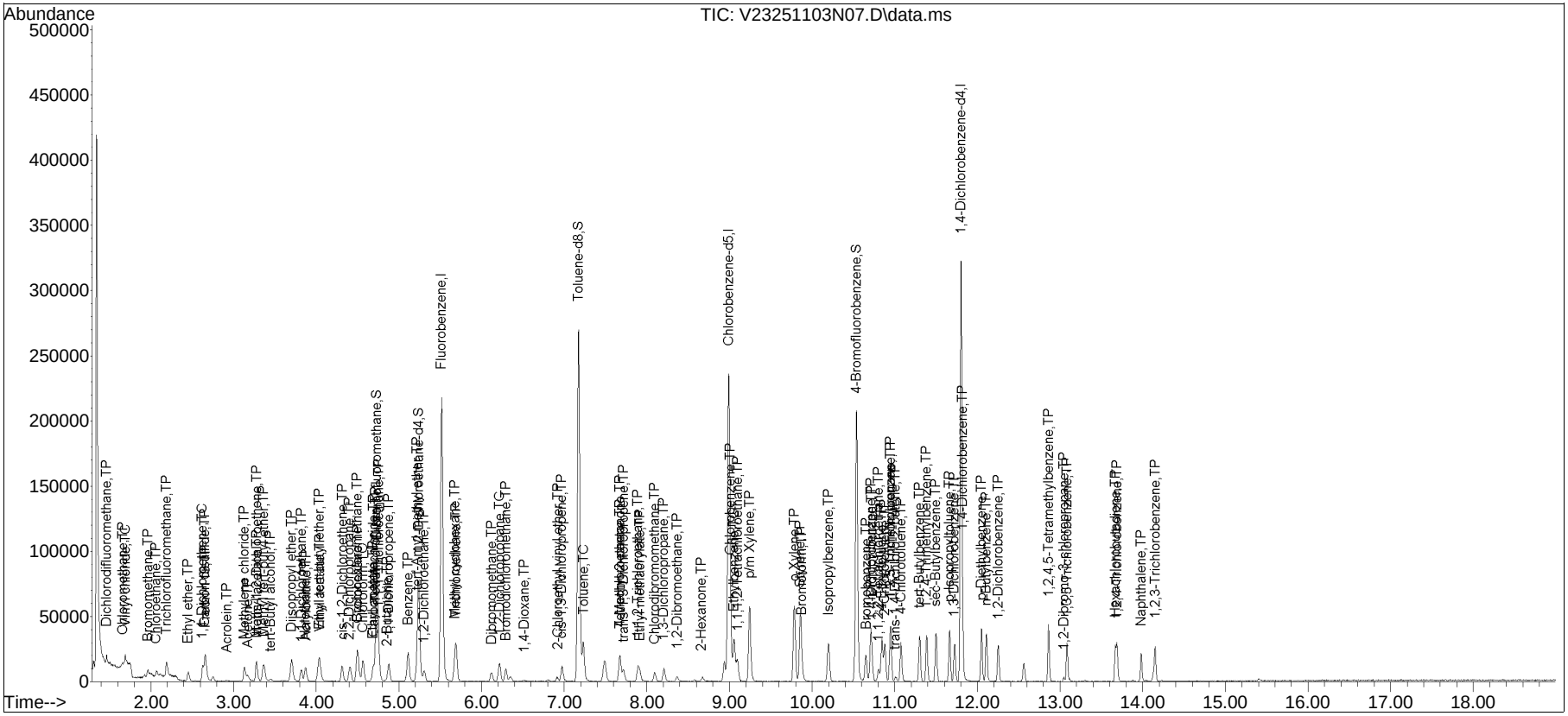
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N07.D
Acq On : 03 Nov 2025 09:35 pm
Operator : VOA123:AJK
Sample : I8260STD2PPB
Misc : WG2136903,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 04 12:24:30 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

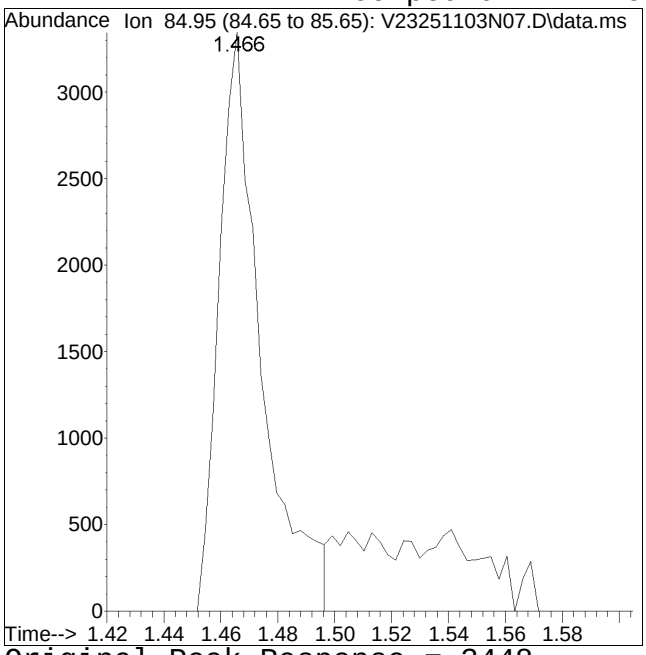
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•

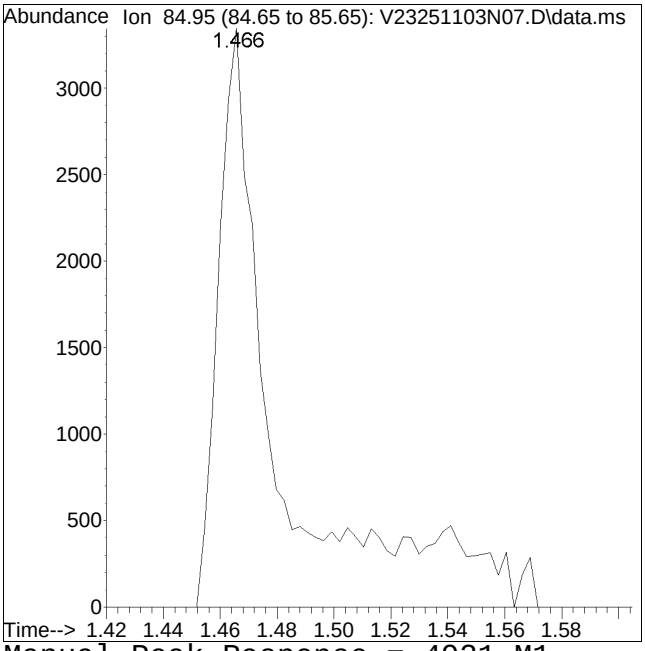


Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #2: Dichlorodifluoromethane



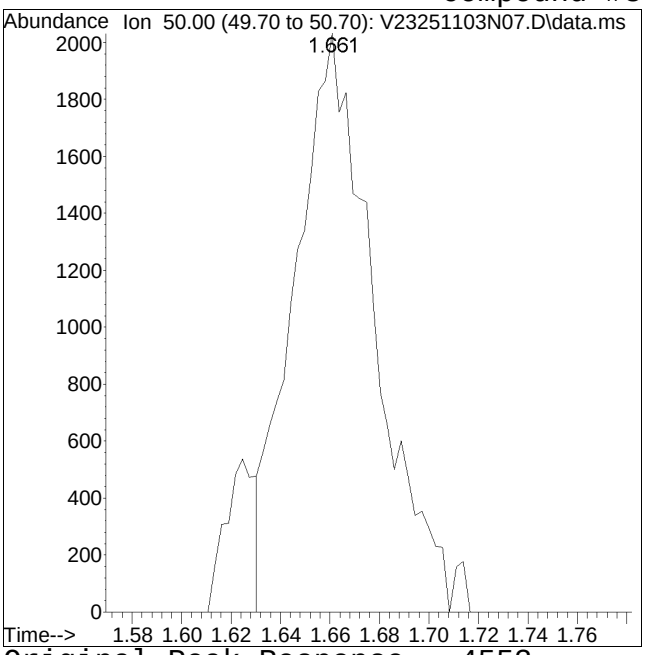


Original Peak Response = 3448 Manual Peak Response = 4921 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

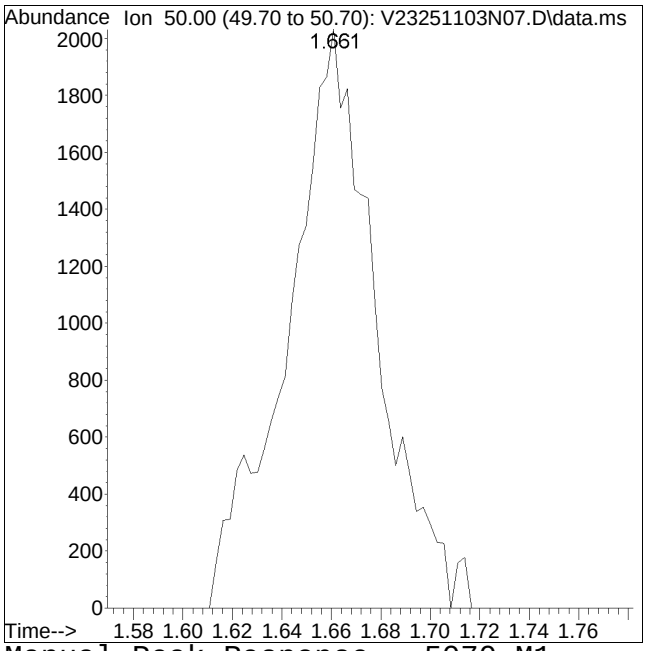
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #3: Chloromethane



Original Peak Response = 4553



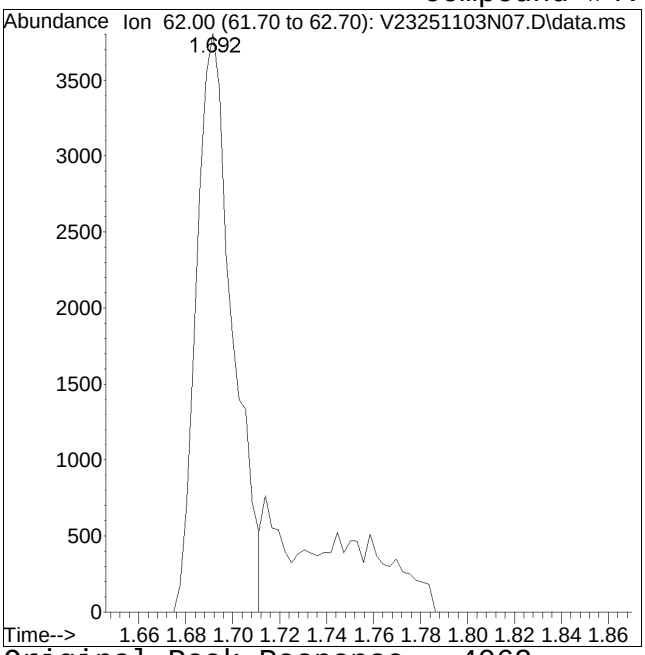
Manual Peak Response = 5070 M1

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

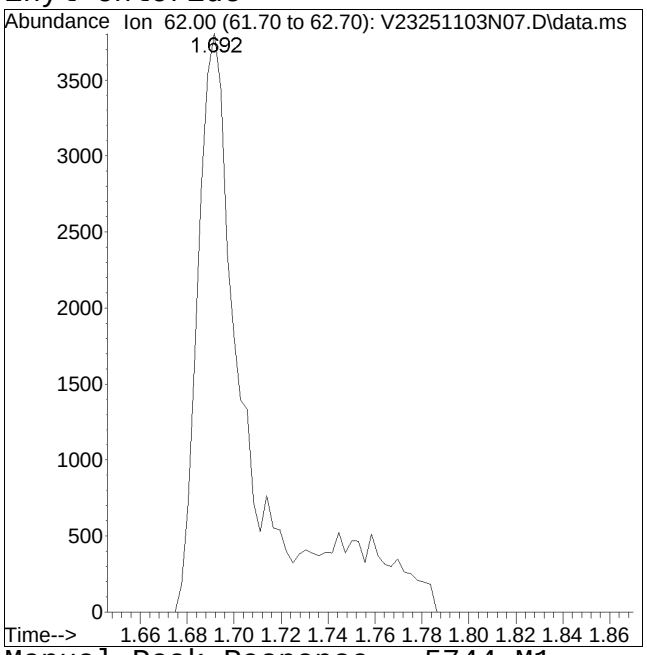
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #4: Vinyl chloride



Original Peak Response = 4062



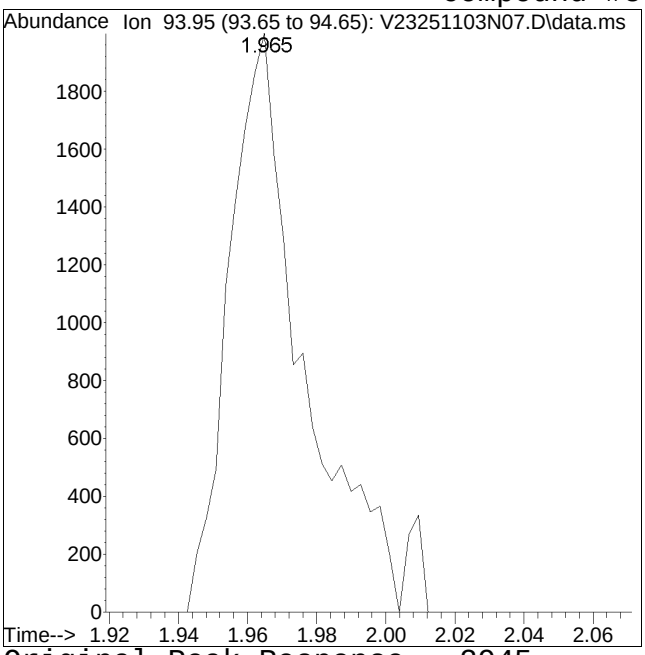
Manual Peak Response = 5744 M1

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

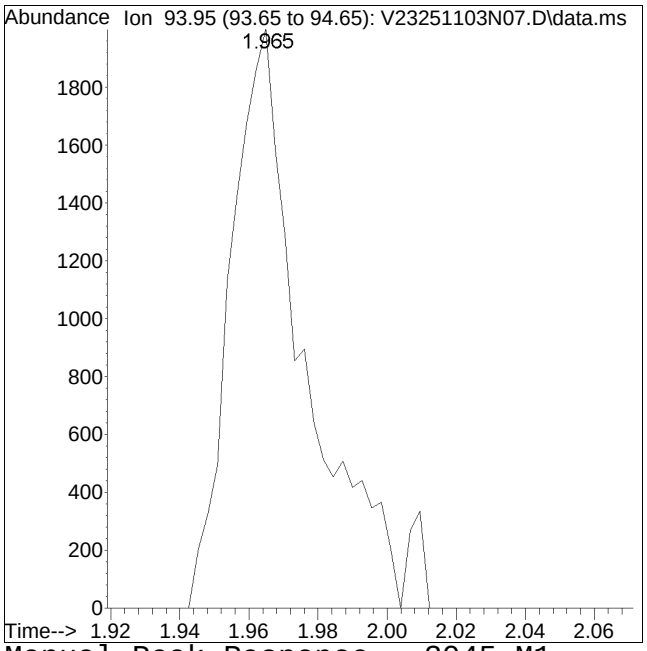
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #5: Bromomethane



Original Peak Response = 2945



Manual Peak Response = 3045 M1

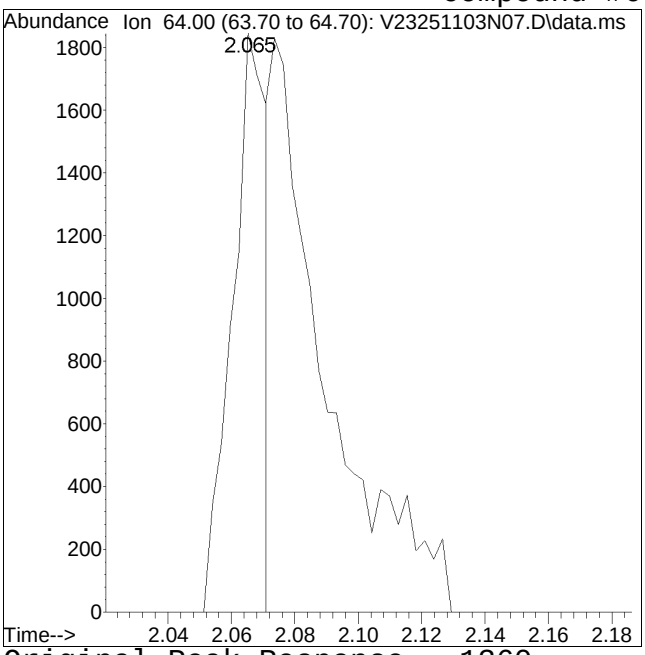
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

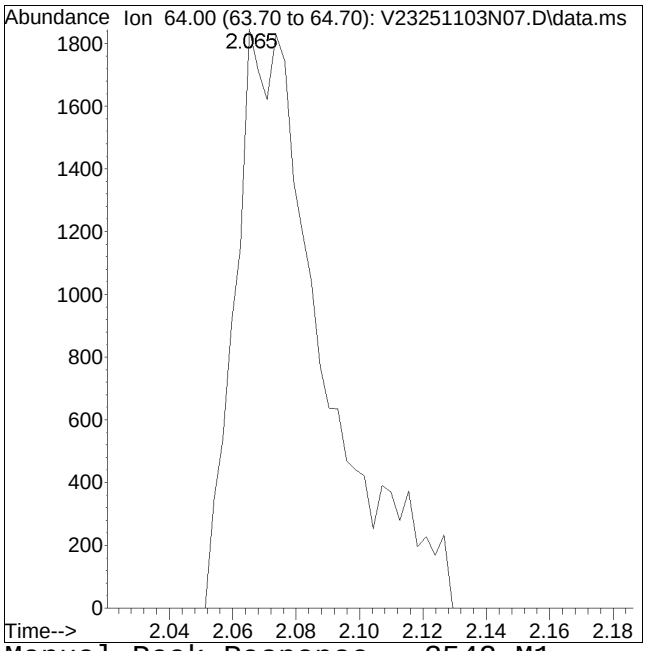
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N07.D
Date Inj'd : 11/3/2025 9:35 pm
Sample : I8260STD2PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #6: Chloroethane



Original Peak Response = 1360



Manual Peak Response = 3542 M1

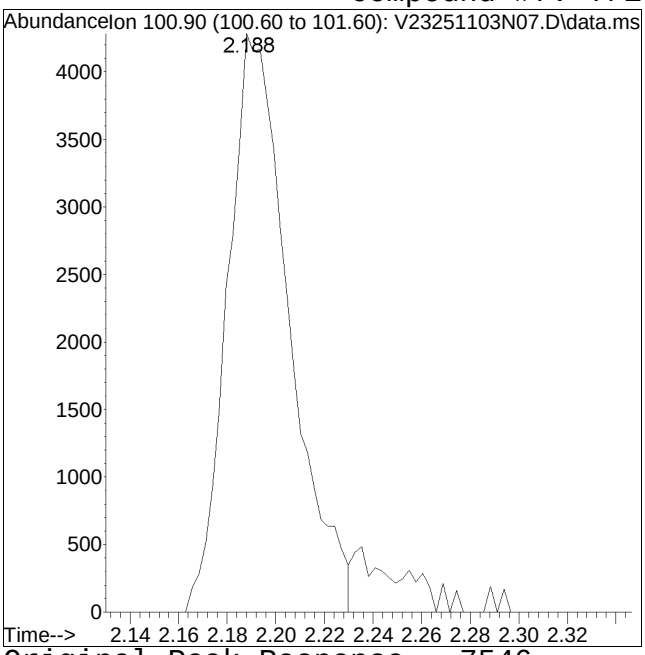
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

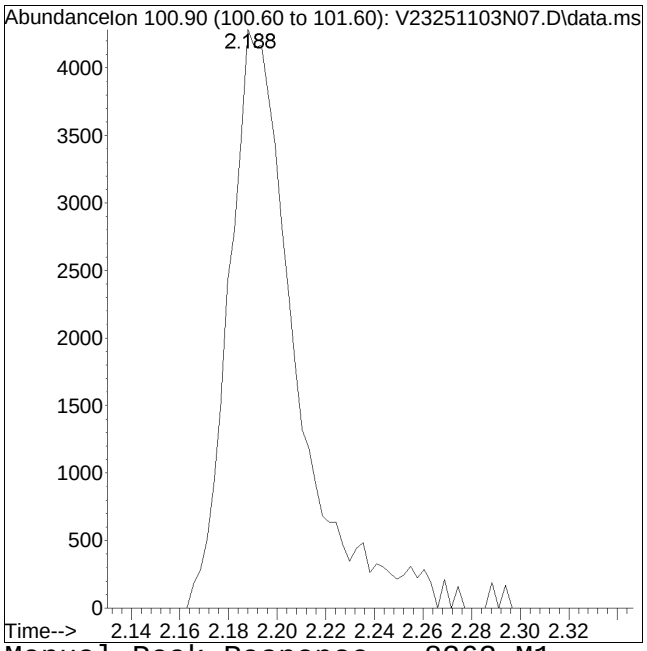
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N07.D
Date Inj'd : 11/3/2025 9:35 pm
Sample : I8260STD2PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #7: Trichlorofluoromethane



Original Peak Response = 7546



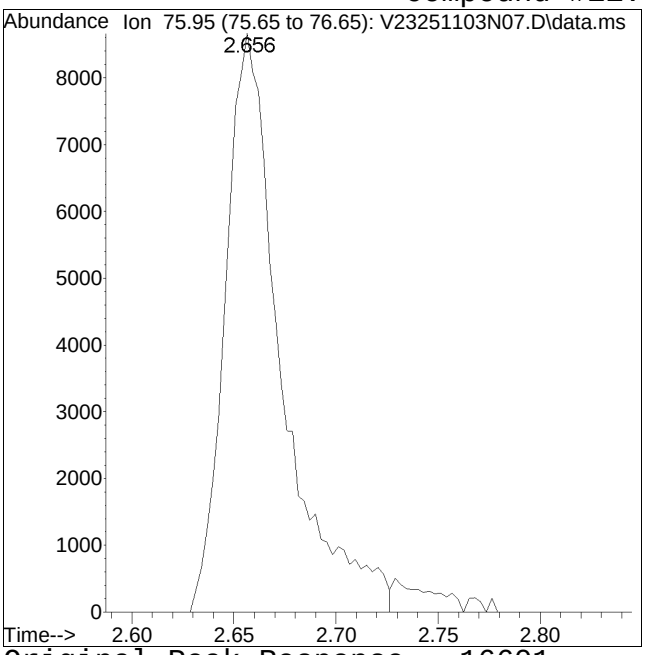
Manual Peak Response = 8263 M1

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

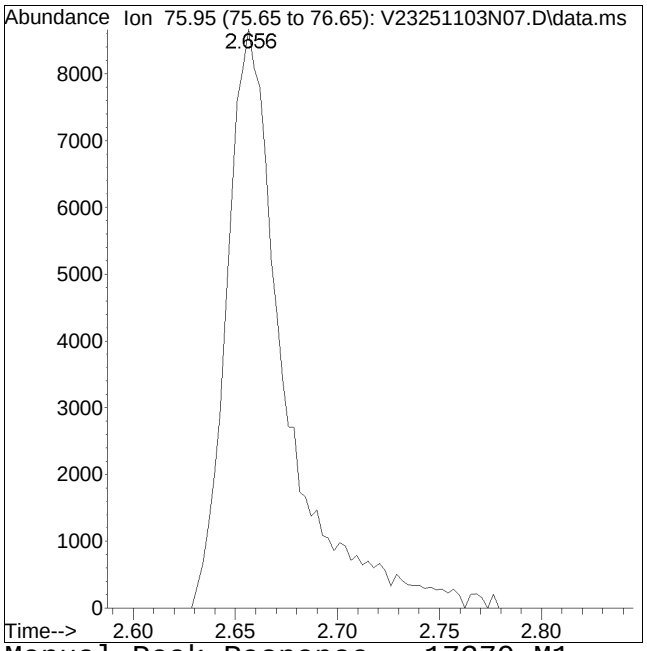
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #11: Carbon disulfide



Original Peak Response = 16601



Manual Peak Response = 17370 M1

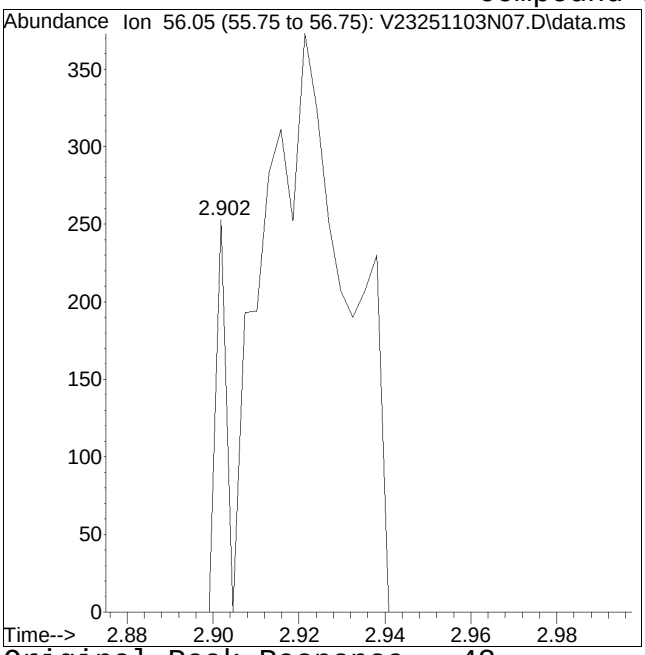
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

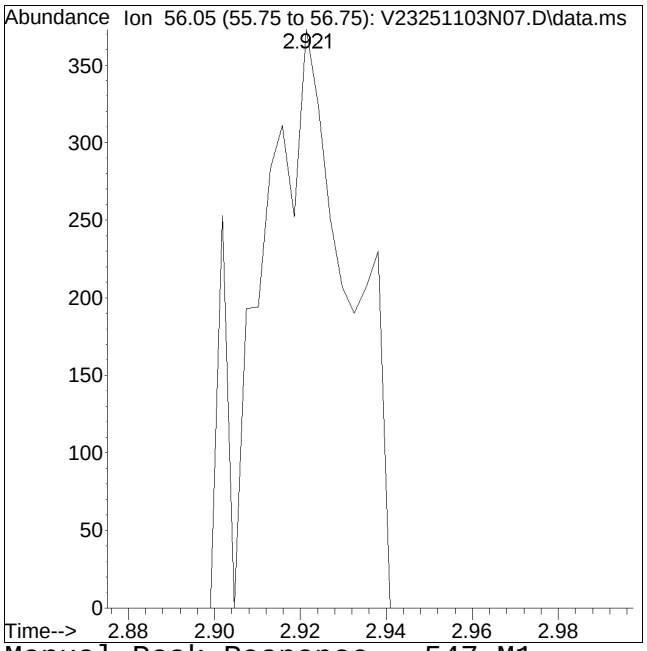
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N07.D
Date Inj'd : 11/3/2025 9:35 pm
Sample : I8260STD2PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #14: Acrolein





Original Peak Response = 42 Manual Peak Response = 547 M1

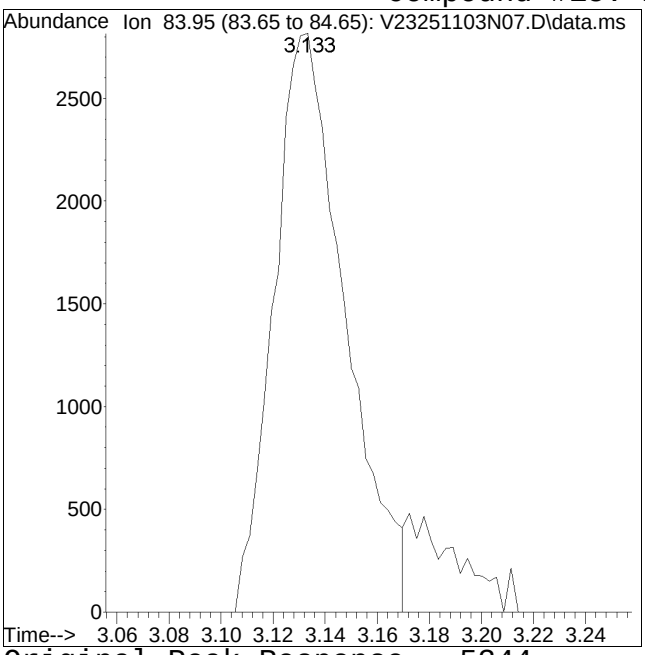
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

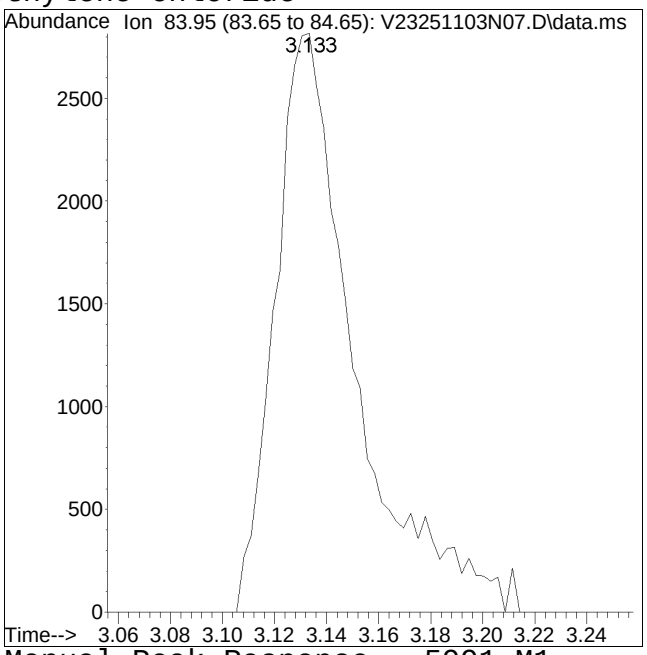
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N07.D
Date Inj'd : 11/3/2025 9:35 pm
Sample : I8260STD2PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #15: Methylene chloride



Original Peak Response = 5344



Manual Peak Response = 5991 M1

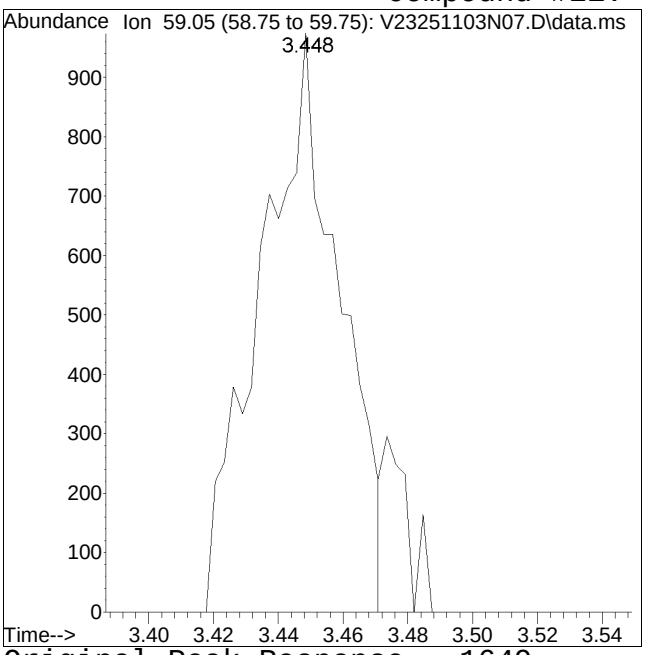
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

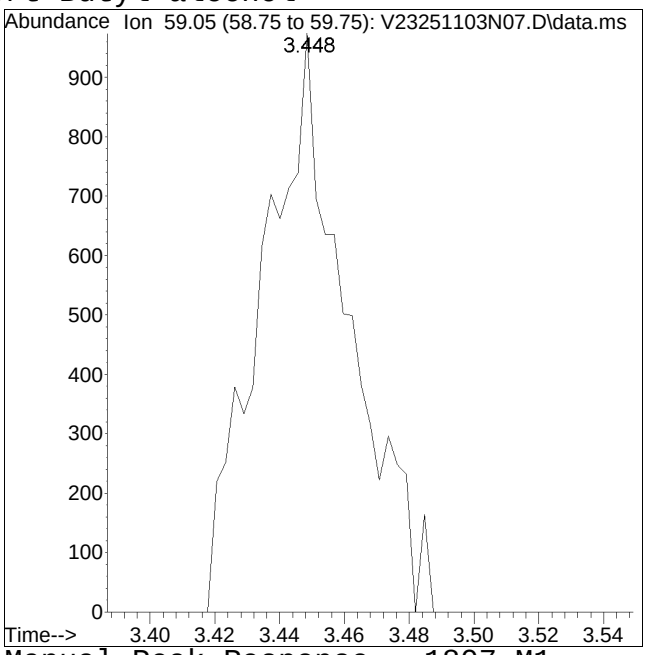
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N07.D
Date Inj'd : 11/3/2025 9:35 pm
Sample : I8260STD2PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #21: tert-Butyl alcohol



Original Peak Response = 1649



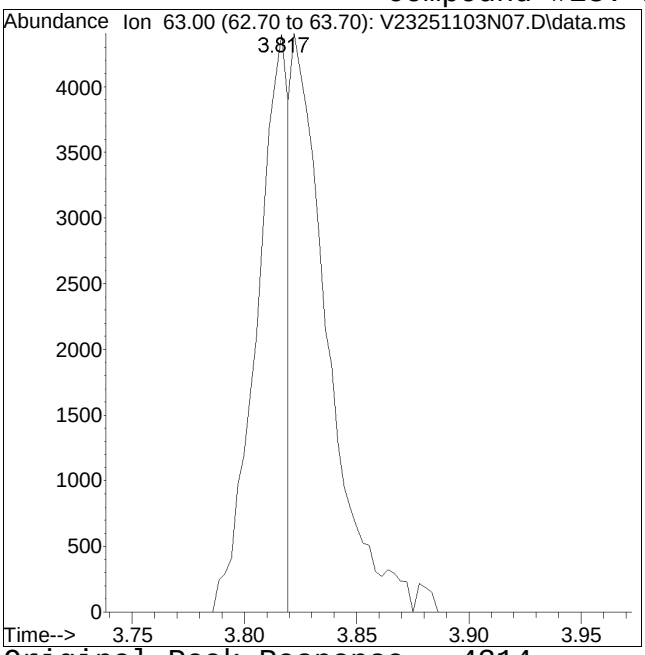
Manual Peak Response = 1807 M1

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

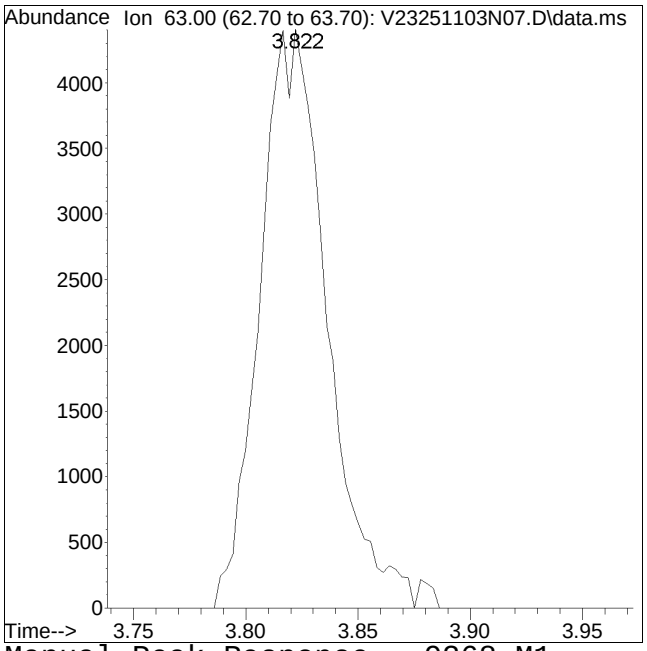
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #23: 1,1-Dichloroethane



Original Peak Response = 4314



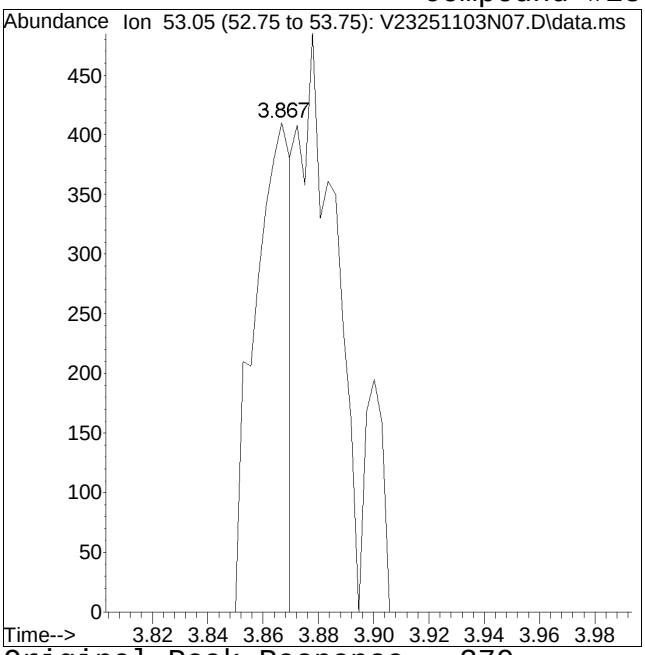
Manual Peak Response = 9268 M1

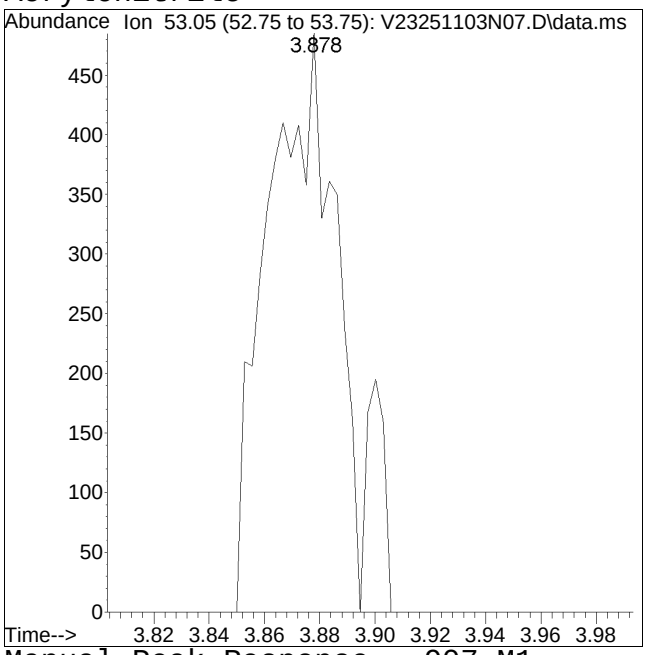
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #25: Acrylonitrile



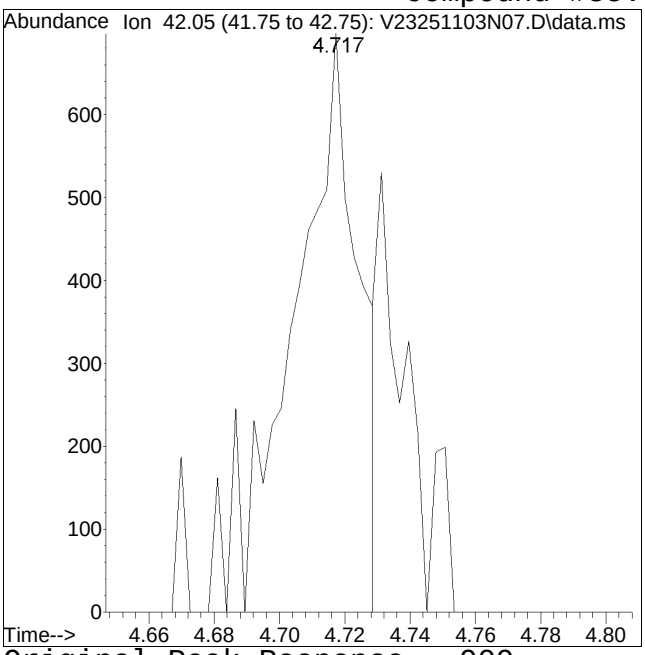


Original Peak Response = 370 Manual Peak Response = 907 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

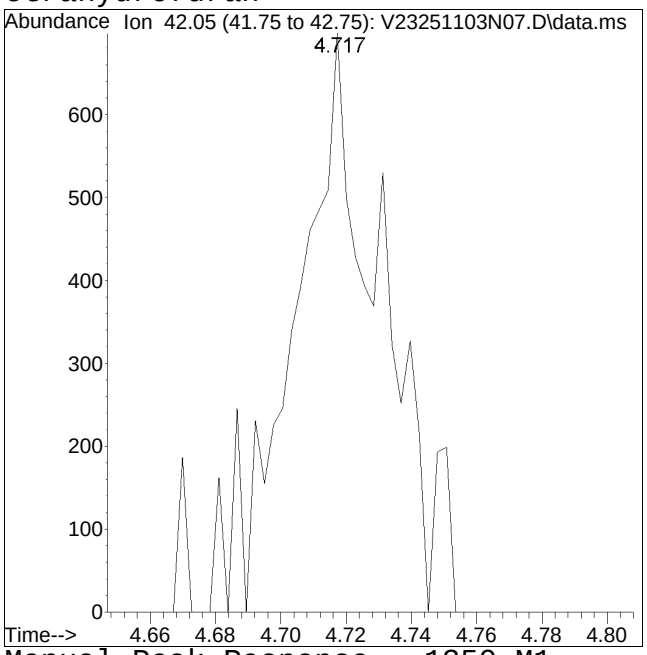
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 909



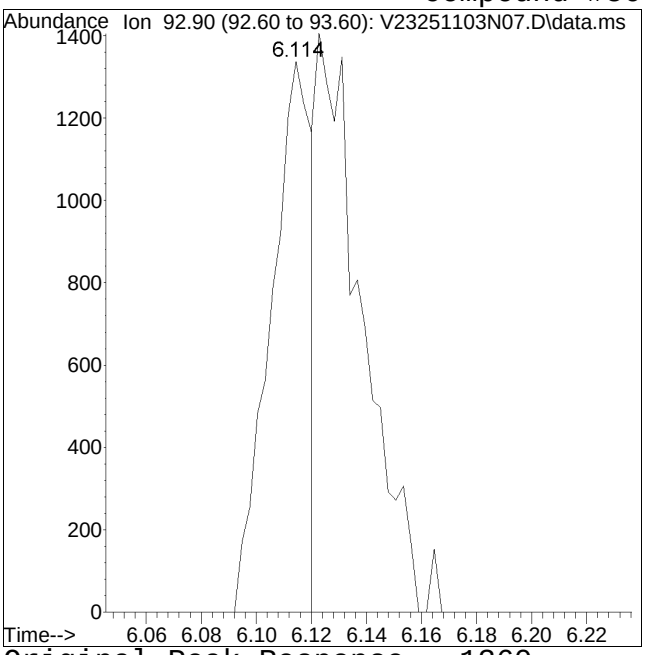
Manual Peak Response = 1350 M1

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

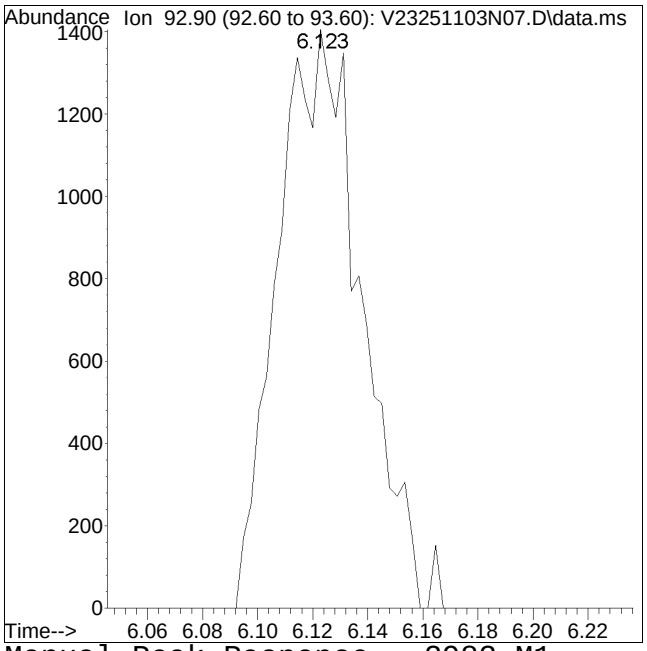
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #50: Dibromomethane



Original Peak Response = 1360



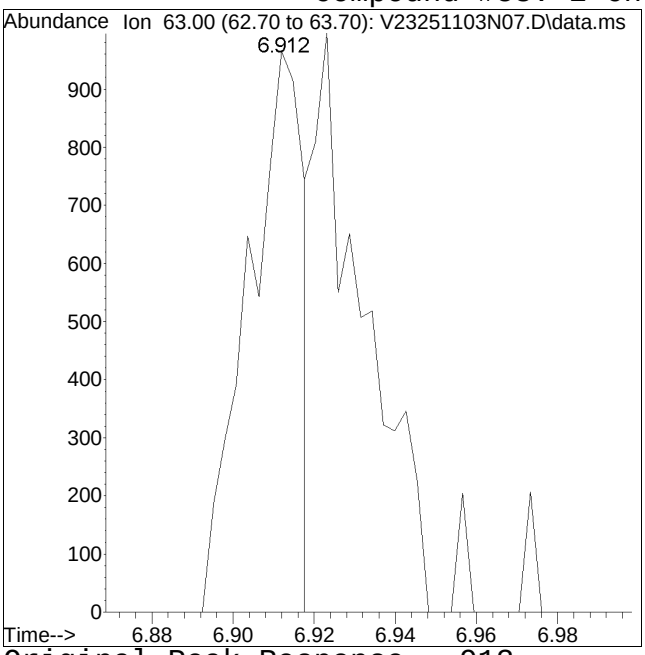
Manual Peak Response = 2983 M1

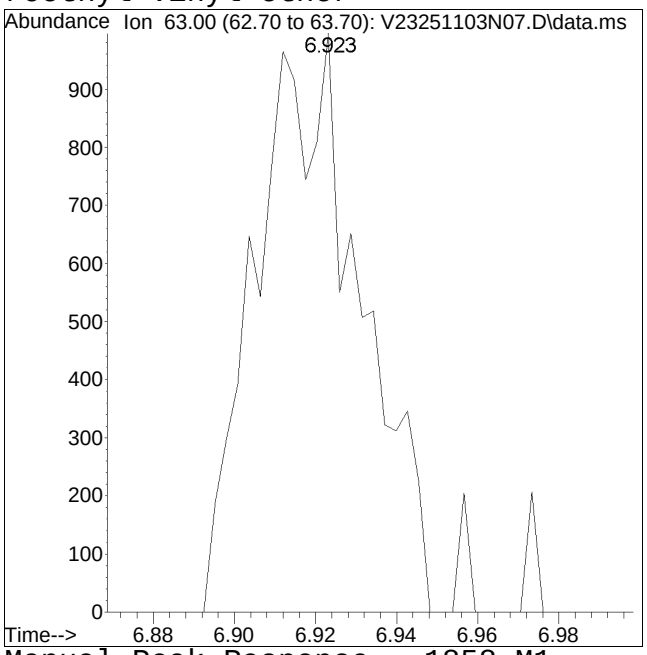
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #53: 2-Chloroethyl vinyl ether





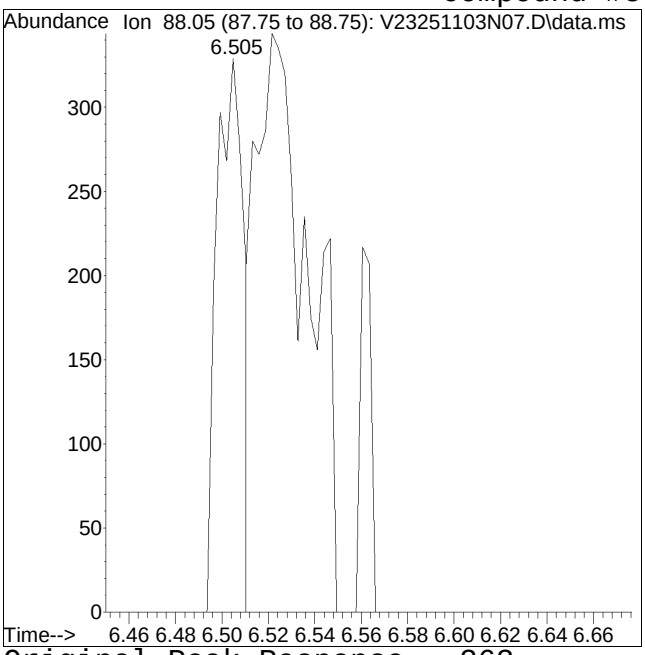
Original Peak Response = 913 Manual Peak Response = 1858 M1

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

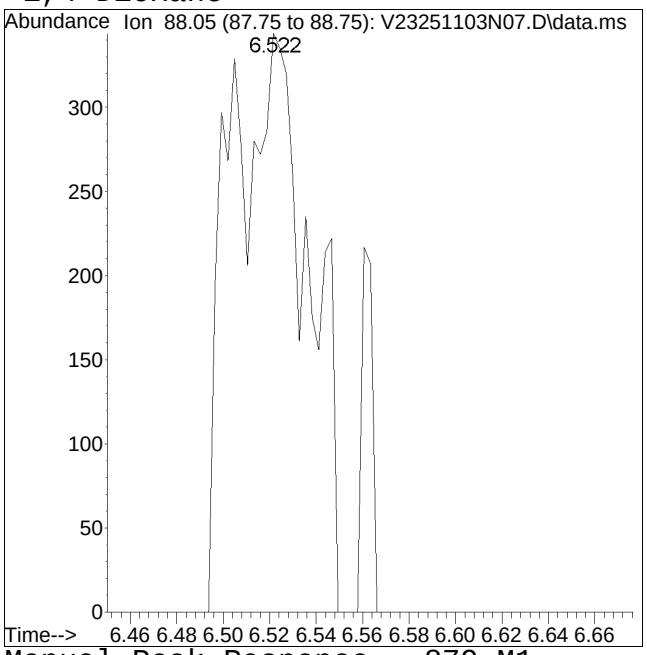
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 263



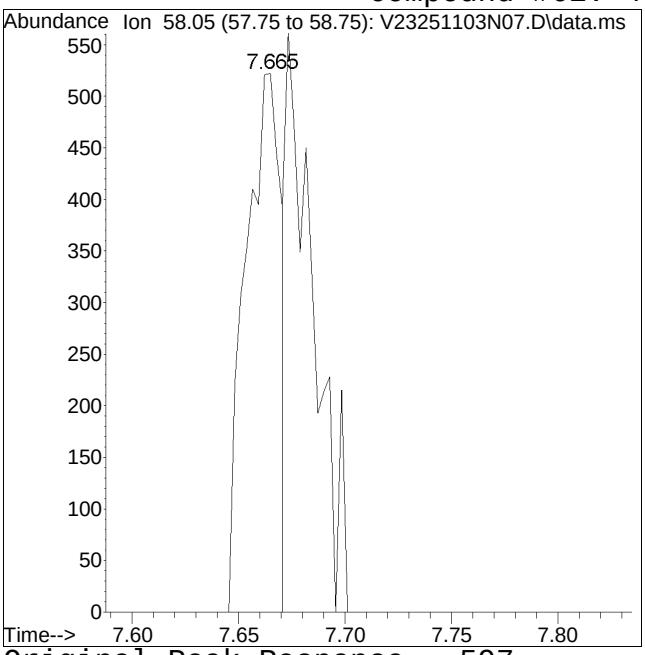
Manual Peak Response = 879 M1

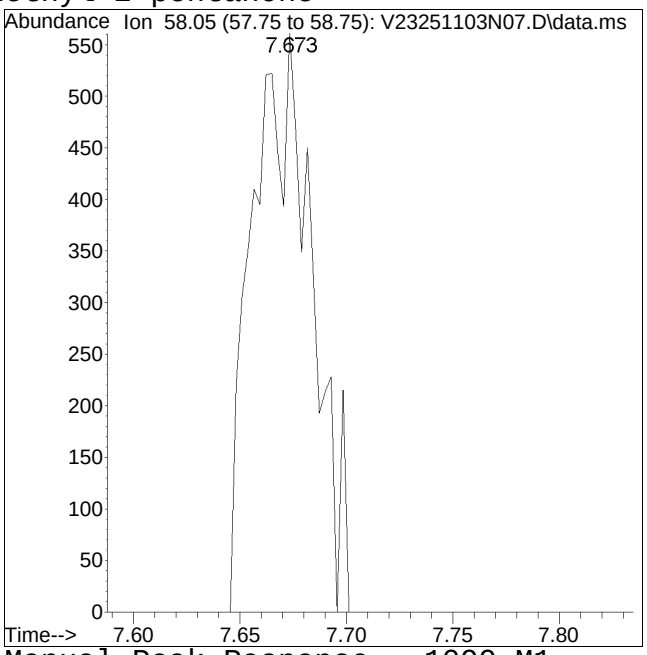
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #62: 4-Methyl-2-pentanone





Original Peak Response = 597 Manual Peak Response = 1099 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N08.D
Acq On : 03 Nov 2025 10:01 pm
Operator : VOA123:AJK
Sample : I8260STD4PPB
Misc : WG2136903,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 04 12:26:01 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.518	96	201082	20.000 ug/L	0.00
Standard Area 1 = 201320			Recovery = 99.88%		
59) Chlorobenzene-d5	8.992	117	143146	20.000 ug/L	0.00
Standard Area 1 = 146207			Recovery = 97.91%		
79) 1,4-Dichlorobenzene-d4	11.800	152	76658	20.000 ug/L	0.00
Standard Area 1 = 79326			Recovery = 96.64%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.737	113	49883	19.424 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.12%		
43) 1,2-Dichloroethane-d4	5.241	65	52499	20.381 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.91%		
60) Toluene-d8	7.177	98	196105	20.320 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.60%		
83) 4-Bromofluorobenzene	10.537	95	69199	20.127 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.63%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.466	85	7858M1	3.456 ug/L	
3) Chloromethane	1.655	50	8219M1	3.335 ug/L	
4) Vinyl chloride	1.691	62	9189M1	3.360 ug/L	
5) Bromomethane	1.965	94	5338	3.230 ug/L	97
6) Chloroethane	2.071	64	5953	3.257 ug/L	94
7) Trichlorofluoromethane	2.193	101	13987M1	3.457 ug/L	
8) Ethyl ether	2.456	74	5122	3.734 ug/L #	91
10) 1,1-Dichloroethene	2.626	96	7424	3.469 ug/L	95
11) Carbon disulfide	2.659	76	27366M1	3.702 ug/L	
12) Freon-113	2.665	101	7498	3.438 ug/L	98
14) Acrolein	2.918	56	1014	3.851 ug/L	86
15) Methylene chloride	3.130	84	10181M1	3.745 ug/L	
17) Acetone	3.169	43	5902M1	8.939 ug/L	
18) trans-1,2-Dichloroethene	3.278	96	8660	3.383 ug/L	95
19) Methyl acetate	3.281	43	4080	3.752 ug/L #	92
20) Methyl tert-butyl ether	3.365	73	26044	3.628 ug/L #	89
21) tert-Butyl alcohol	3.448	59	3521	16.977 ug/L #	84
22) Diisopropyl ether	3.702	45	27471	3.542 ug/L #	84
23) 1,1-Dichloroethane	3.819	63	16377	3.501 ug/L	99
24) Halothane	3.869	117	6260	3.335 ug/L	100
25) Acrylonitrile	3.869	53	1904M1	3.445 ug/L	

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N08.D
Acq On : 03 Nov 2025 10:01 pm
Operator : VOA123:AJK
Sample : I8260STD4PPB
Misc : WG2136903,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 04 12:26:01 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.031	59	28029	3.563	ug/L		93
27) Vinyl acetate	4.045	43	18905	3.479	ug/L	#	92
28) cis-1,2-Dichloroethene	4.318	96	10229	3.502	ug/L		97
29) 2,2-Dichloropropane	4.410	77	13048	3.414	ug/L		87
30) Bromochloromethane	4.494	128	4763	3.587	ug/L		93
31) Cyclohexane	4.508	56	13491	3.510	ug/L		97
32) Chloroform	4.567	83	20811	4.209	ug/L		96
33) Ethyl acetate	4.678	43	6193	3.453	ug/L	#	85
34) Carbon tetrachloride	4.695	117	12445	3.386	ug/L	#	91
35) Tetrahydrofuran	4.726	42	2110M1	3.856	ug/L		
37) 1,1,1-Trichloroethane	4.762	97	13931	3.415	ug/L		97
39) 2-Butanone	4.854	43	4175	5.900	ug/L	#	62
40) 1,1-Dichloropropene	4.879	75	10875	3.457	ug/L		98
41) Benzene	5.113	78	34113	3.433	ug/L	#	86
42) tert-Amyl methyl ether	5.225	73	24988	3.547	ug/L		93
44) 1,2-Dichloroethane	5.306	62	13030	3.698	ug/L		94
47) Methyl cyclohexane	5.682	83	14648	3.482	ug/L		92
48) Trichloroethene	5.696	95	9424	3.445	ug/L		97
50) Dibromomethane	6.114	93	5823	3.643	ug/L		96
51) 1,2-Dichloropropane	6.220	63	9366	3.508	ug/L		98
53) 2-Chloroethyl vinyl ether	6.912	63	3971	3.320	ug/L	#	79
54) Bromodichloromethane	6.293	83	12909	3.330	ug/L		95
57) 1,4-Dioxane	6.510	88	2624M1	160.400	ug/L		
58) cis-1,3-Dichloropropene	6.973	75	14724	3.355	ug/L	#	89
61) Toluene	7.233	92	22281	3.549	ug/L		98
62) 4-Methyl-2-pentanone	7.670	58	2463	3.467	ug/L		76
63) Tetrachloroethene	7.673	166	9766	3.471	ug/L		98
65) trans-1,3-Dichloropropene	7.718	75	12071	3.235	ug/L		98
67) Ethyl methacrylate	7.916	69	9404	3.350	ug/L		85
68) 1,1,2-Trichloroethane	7.894	83	6682	3.696	ug/L		99
69) Chlorodibromomethane	8.097	129	9159	3.320	ug/L		98
70) 1,3-Dichloropropane	8.209	76	13205	3.664	ug/L		98
71) 1,2-Dibromoethane	8.368	107	7435	3.451	ug/L		99
72) 2-Hexanone	8.669	43	4372	3.823	ug/L	#	79
73) Chlorobenzene	9.012	112	26245	3.576	ug/L		93
74) Ethylbenzene	9.059	91	44601	3.637	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.098	131	9558	3.440	ug/L		98
76) p/m Xylene	9.243	106	33456	6.997	ug/L		99
77) o Xylene	9.781	106	33556	7.014	ug/L		98
78) Styrene	9.857	104	54998	6.726	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N08.D
Acq On : 03 Nov 2025 10:01 pm
Operator : VOA123:AJK
Sample : I8260STD4PPB
Misc : WG2136903,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 04 12:26:01 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.871	173	5384	3.096	ug/L		96
82) Isopropylbenzene	10.197	105	42771	3.551	ug/L		100
84) Bromobenzene	10.652	156	11720	3.628	ug/L		97
85) n-Propylbenzene	10.710	91	50615	3.528	ug/L		100
86) 1,4-Dichlorobutane	10.718	55	13055	3.656	ug/L		93
87) 1,1,2,2-Tetrachloroethane	10.802	83	9851	3.714	ug/L		98
88) 4-Ethyltoluene	10.847	105	42067	3.495	ug/L		99
89) 2-Chlorotoluene	10.877	91	31567M6	3.577	ug/L		
90) 1,3,5-Trimethylbenzene	10.950	105	38001	3.594	ug/L		97
91) 1,2,3-Trichloropropane	10.942	75	7840	3.846	ug/L		99
92) trans-1,4-Dichloro-2-b...	11.014	53	2298	3.171	ug/L	#	76
93) 4-Chlorotoluene	11.073	91	32367	3.559	ug/L		100
94) tert-Butylbenzene	11.298	119	31637	3.549	ug/L		97
97) 1,2,4-Trimethylbenzene	11.385	105	37436	3.554	ug/L		97
98) sec-Butylbenzene	11.499	105	47162	3.537	ug/L		99
99) p-Isopropyltoluene	11.664	119	40257	3.471	ug/L		98
100) 1,3-Dichlorobenzene	11.722	146	21446	3.475	ug/L		99
101) 1,4-Dichlorobenzene	11.817	146	22629	3.622	ug/L		96
102) p-Diethylbenzene	12.049	119	23950	3.472	ug/L		99
103) n-Butylbenzene	12.107	91	36110	3.458	ug/L		99
104) 1,2-Dichlorobenzene	12.249	146	20478	3.522	ug/L		100
105) 1,2,4,5-Tetramethylben...	12.860	119	39381	3.496	ug/L		96
106) 1,2-Dibromo-3-chloropr...	13.044	155	1318	3.278	ug/L		96
107) 1,3,5-Trichlorobenzene	13.083	180	16953	3.564	ug/L		98
108) Hexachlorobutadiene	13.672	225	8392	3.549	ug/L		98
109) 1,2,4-Trichlorobenzene	13.688	180	15620	3.680	ug/L		98
110) Naphthalene	13.978	128	29620	3.708	ug/L		100
111) 1,2,3-Trichlorobenzene	14.151	180	13525	3.683	ug/L		98

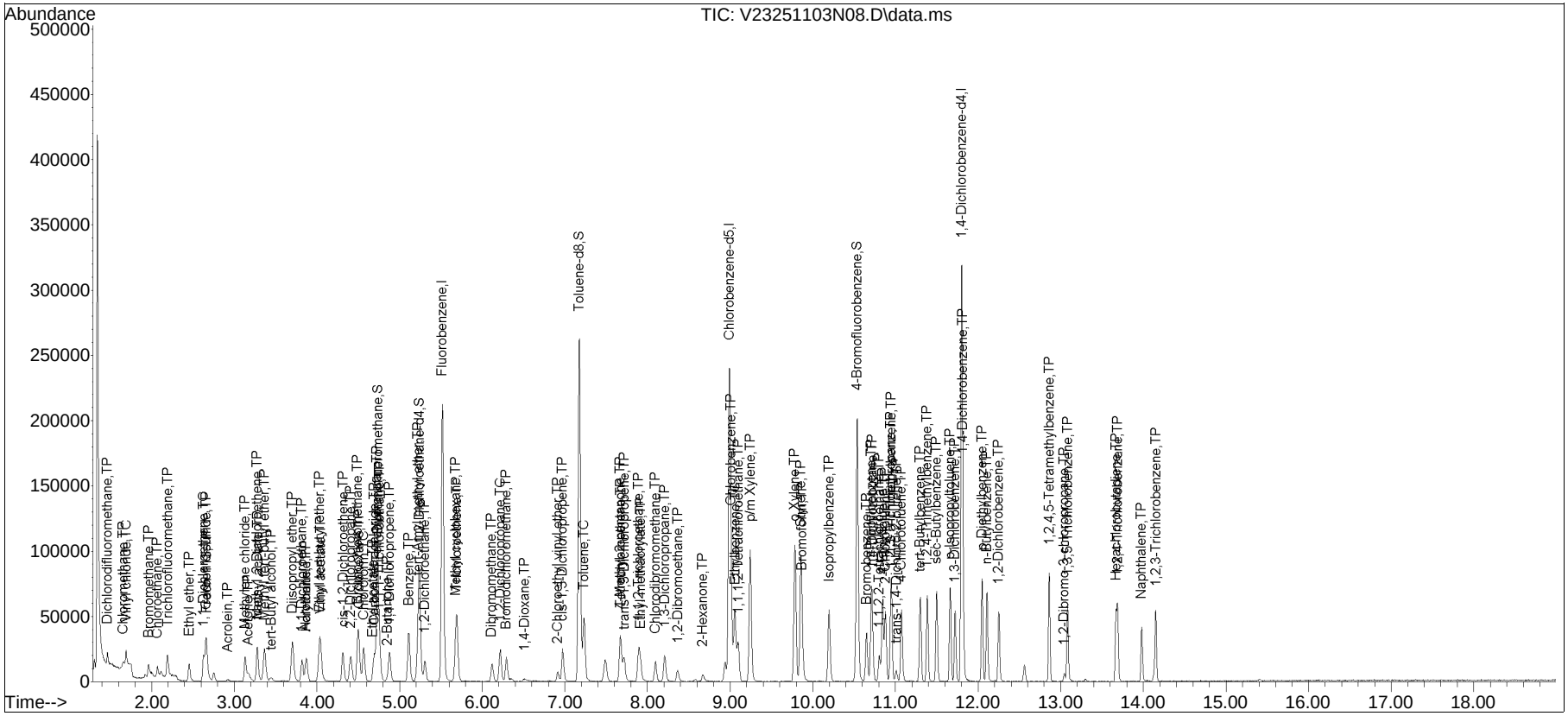
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N08.D
Acq On : 03 Nov 2025 10:01 pm
Operator : VOA123:AJK
Sample : I8260STD4PPB
Misc : WG2136903,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 04 12:26:01 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

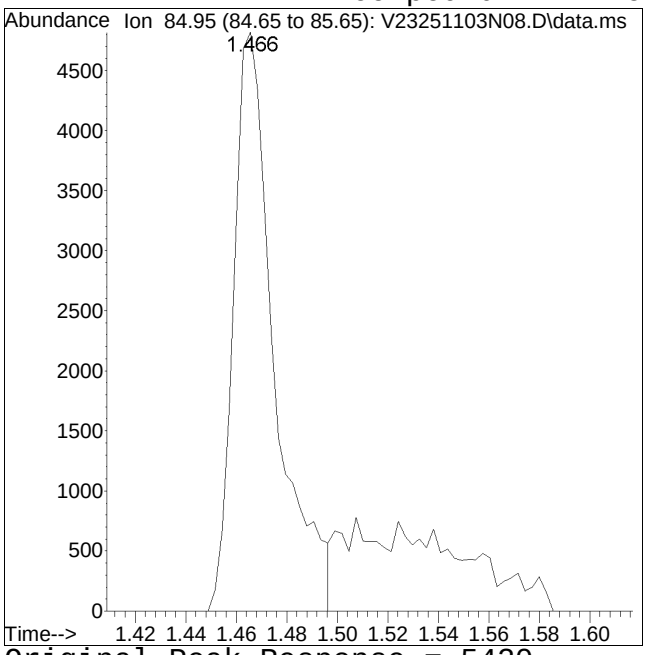
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•



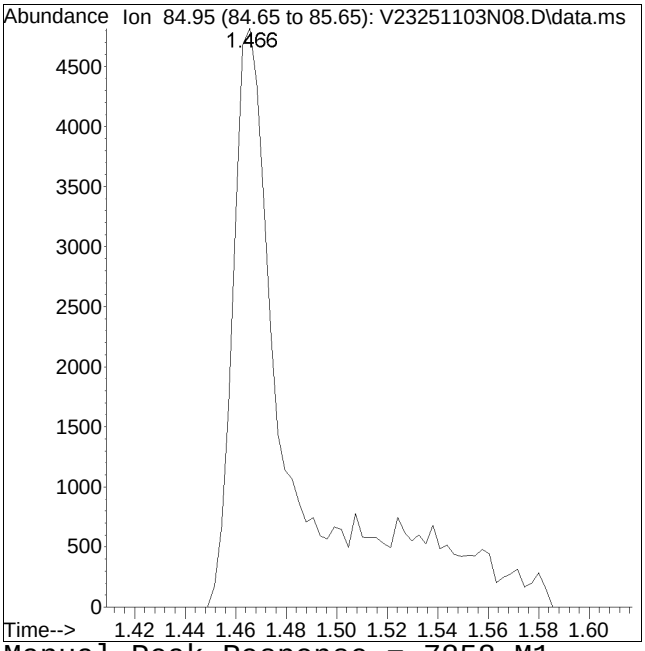
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #2: Dichlorodifluoromethane



Original Peak Response = 5420



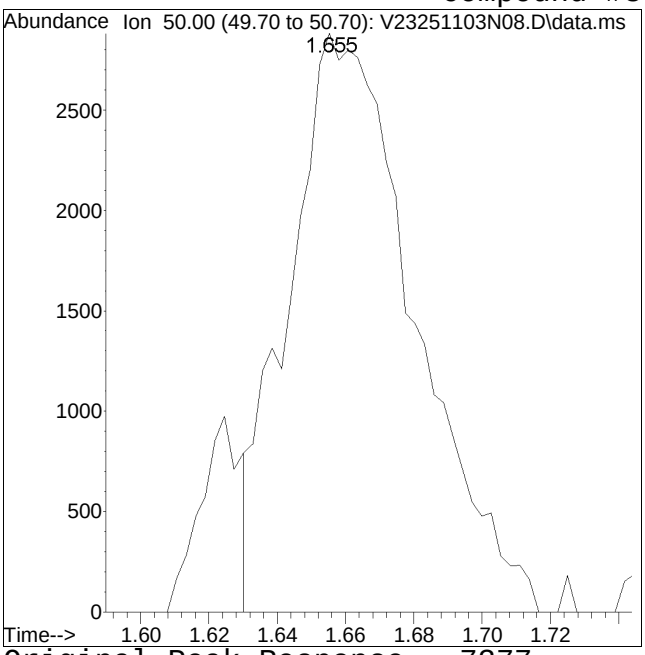
Manual Peak Response = 7858 M1

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

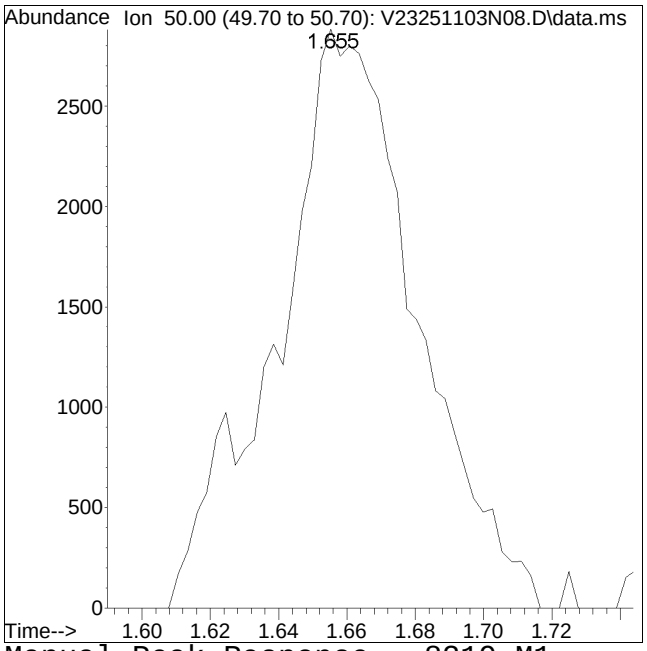
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #3: Chloromethane



Original Peak Response = 7377



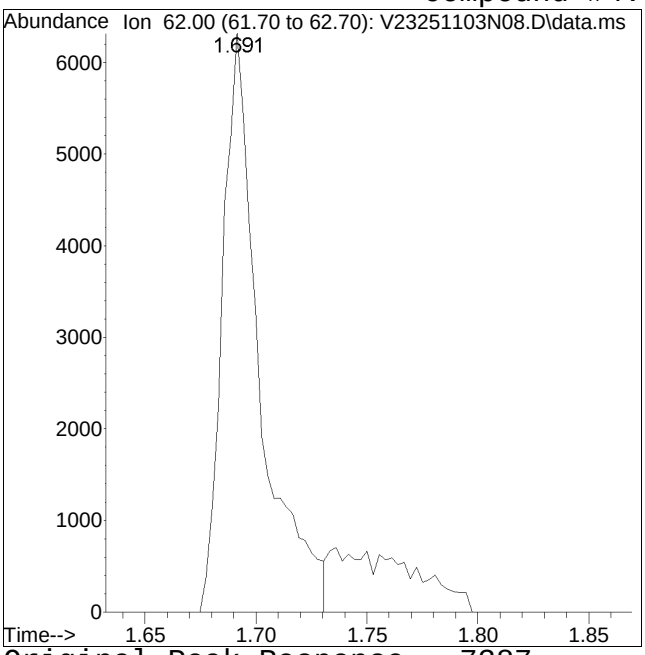
Manual Peak Response = 8219 M1

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

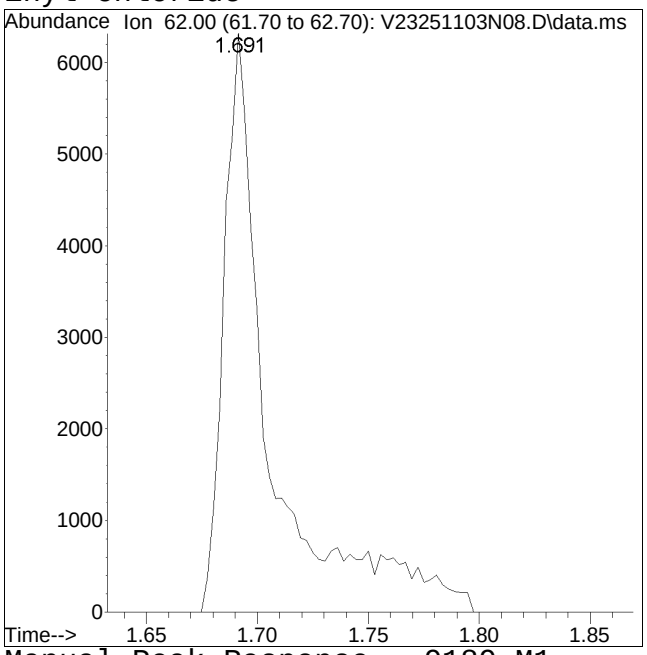
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #4: Vinyl chloride



Original Peak Response = 7387



Manual Peak Response = 9189 M1

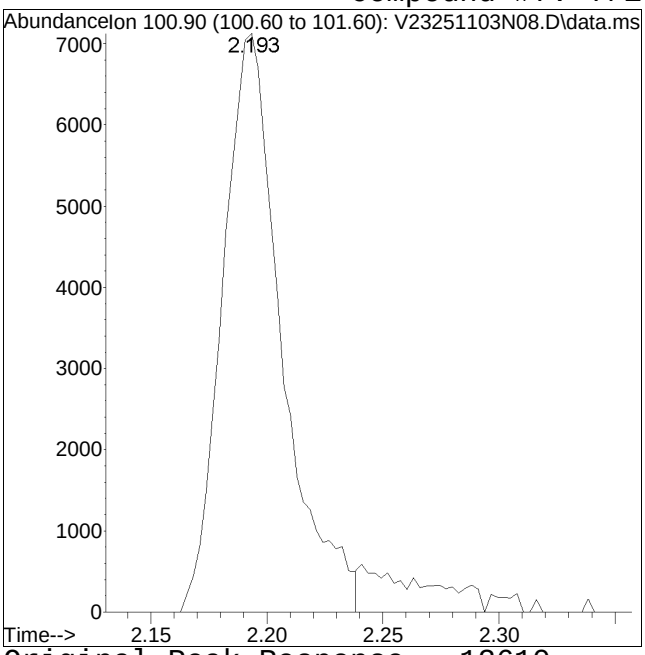
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

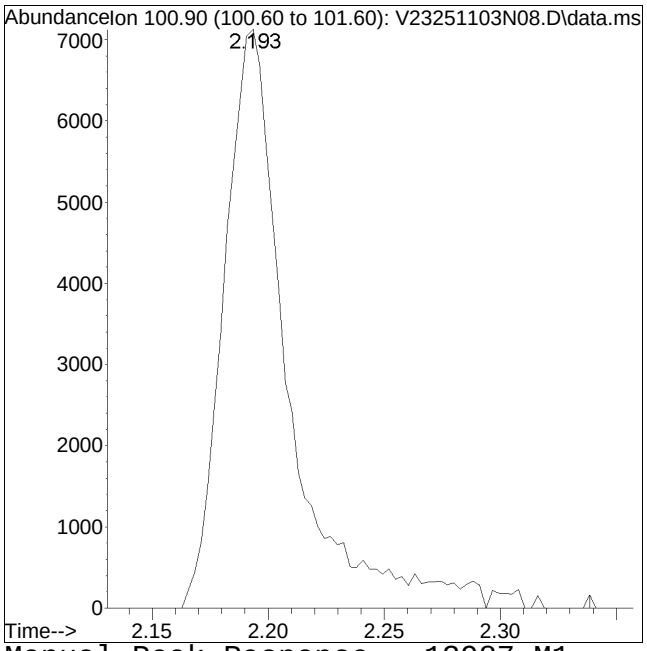
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N08.D
Date Inj'd : 11/3/2025 10:01 pm
Sample : I8260STD4PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #7: Trichlorofluoromethane



Original Peak Response = 12610



Manual Peak Response = 13987 M1

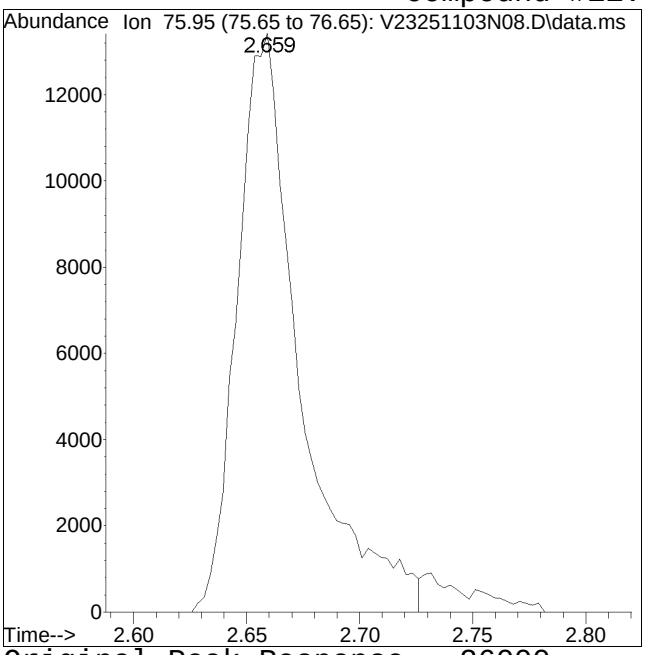
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

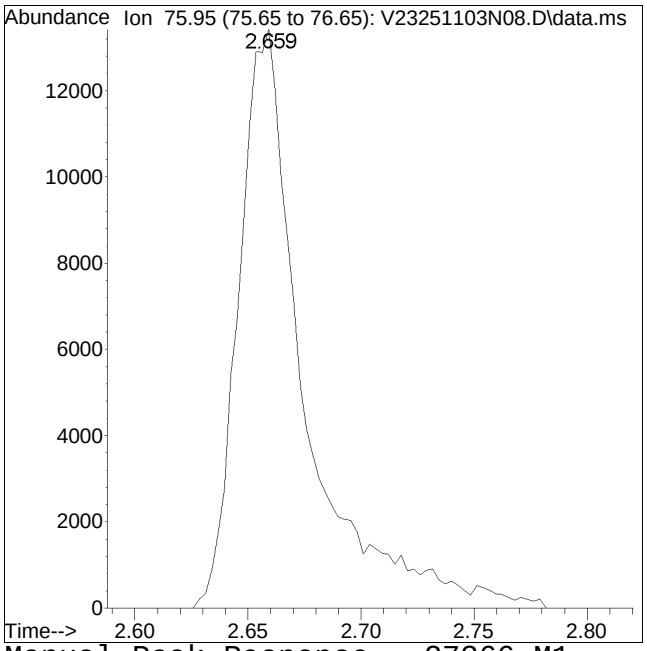
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N08.D
Date Inj'd : 11/3/2025 10:01 pm
Sample : I8260STD4PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #11: Carbon disulfide



Original Peak Response = 26000



Manual Peak Response = 27366 M1

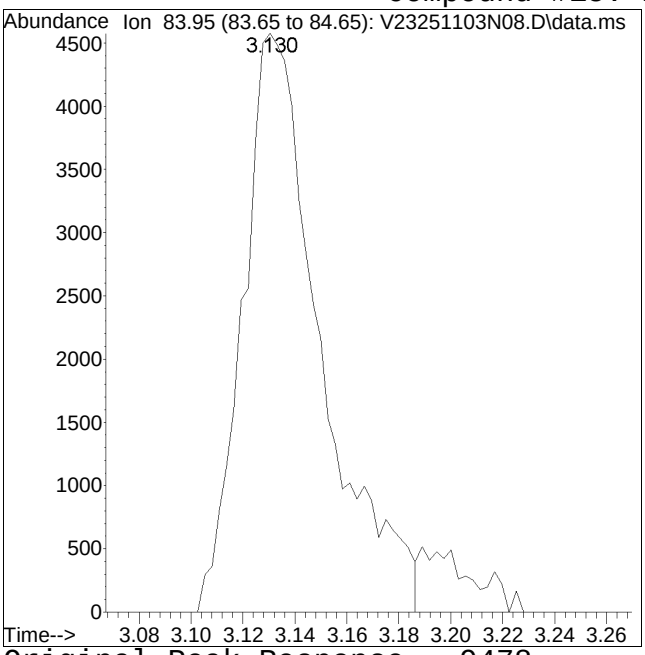
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

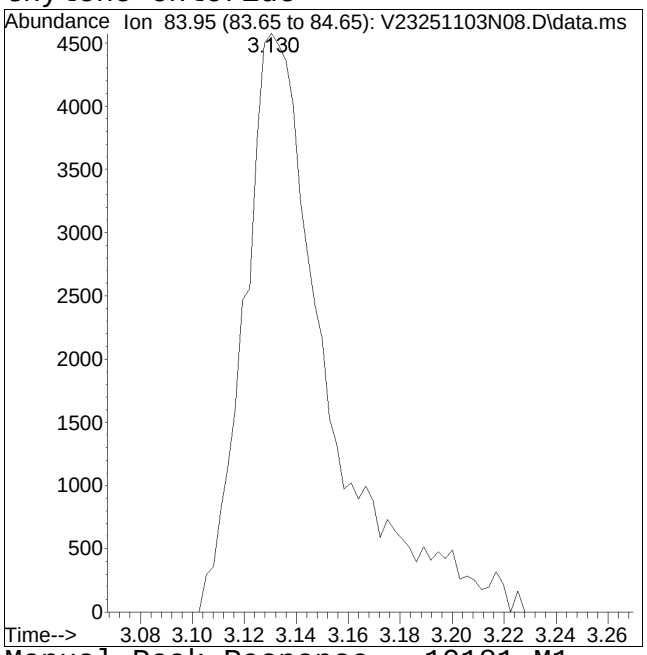
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N08.D
Date Inj'd : 11/3/2025 10:01 pm
Sample : I8260STD4PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #15: Methylene chloride



Original Peak Response = 9478



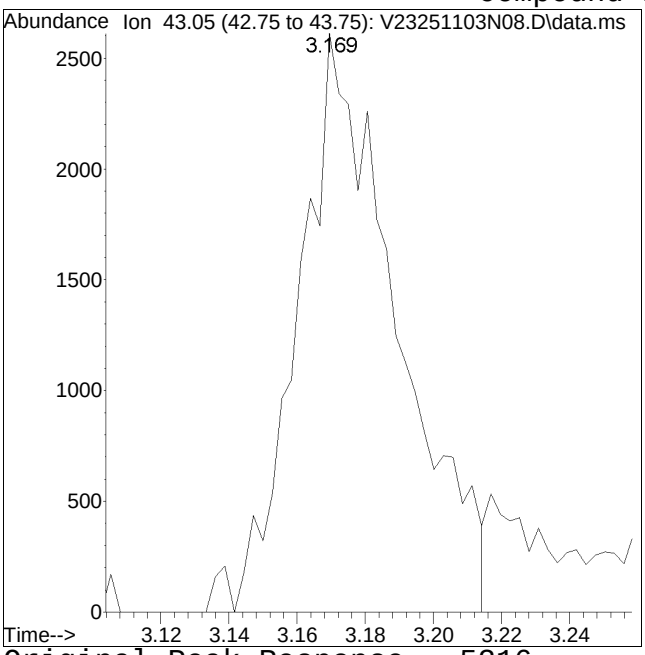
Manual Peak Response = 10181 M1

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

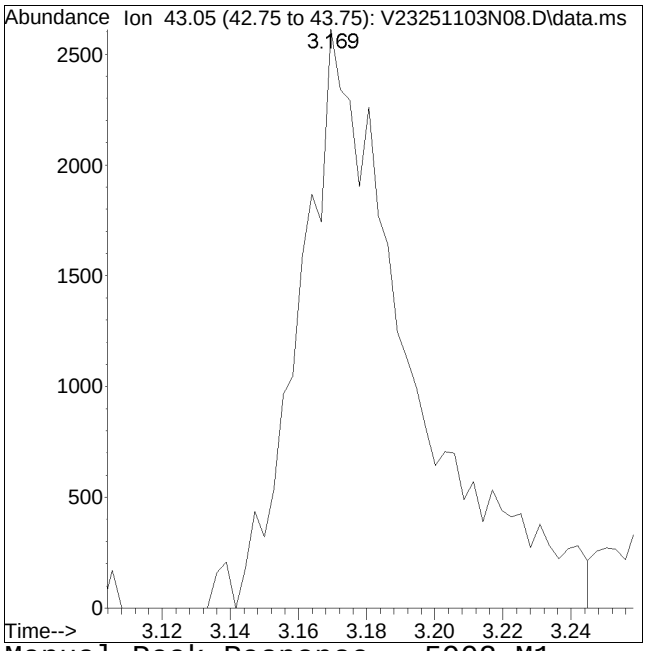
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #17: Acetone



Original Peak Response = 5216



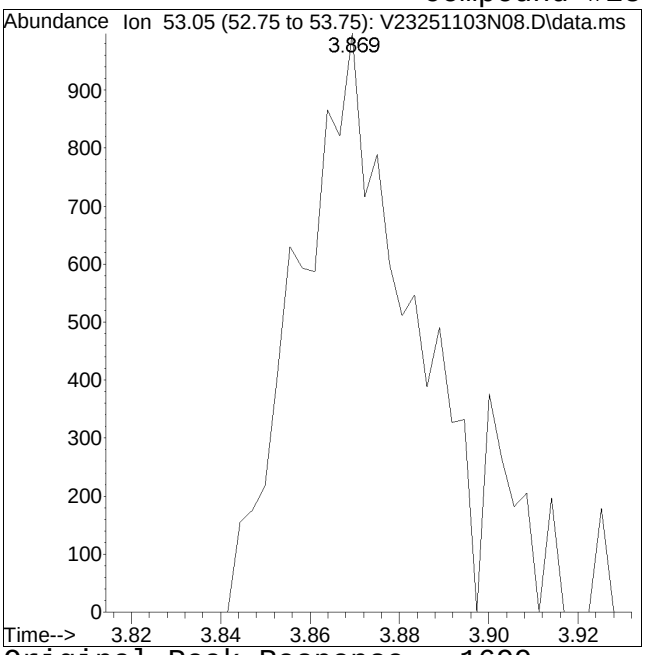
Manual Peak Response = 5902 M1

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

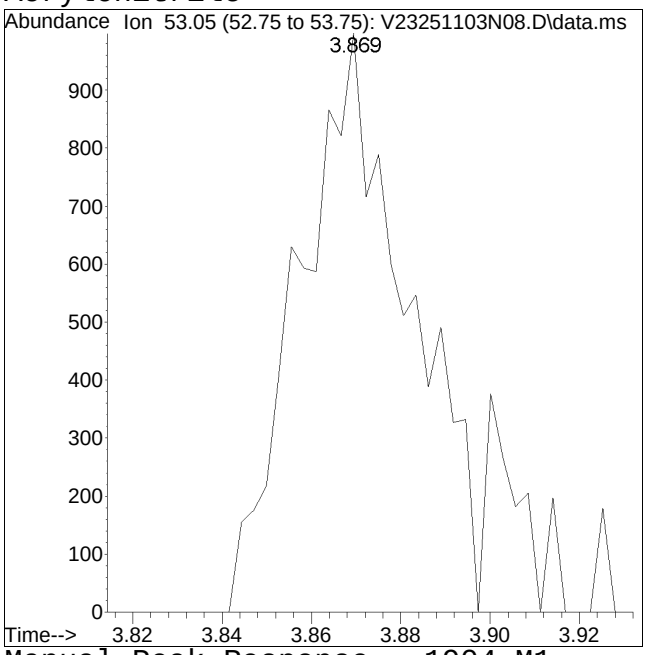
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #25: Acrylonitrile



Original Peak Response = 1699



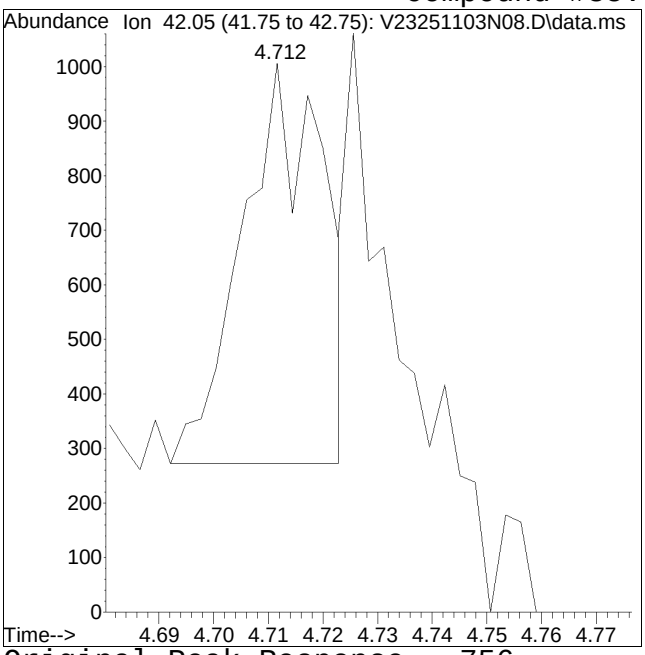
Manual Peak Response = 1904 M1

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

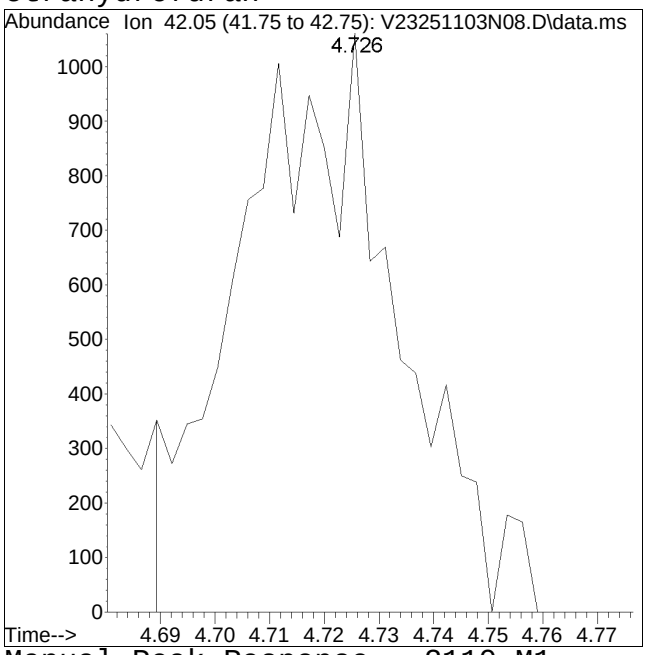
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 756



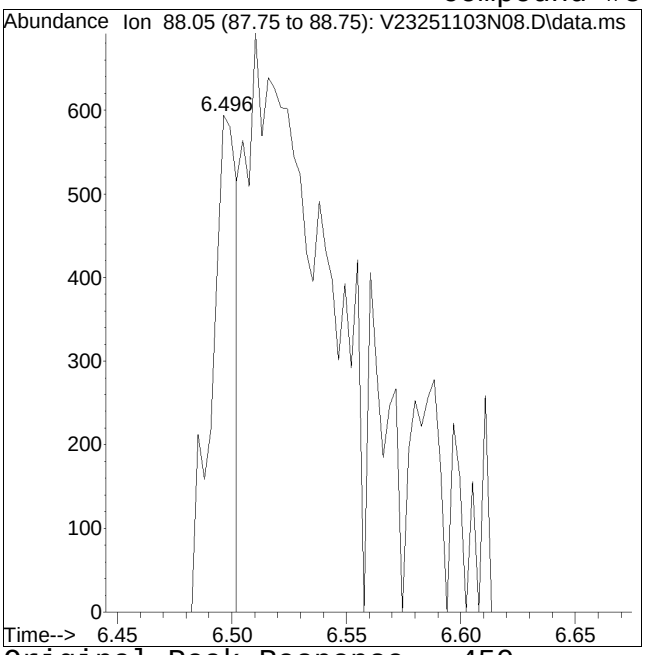
Manual Peak Response = 2110 M1

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

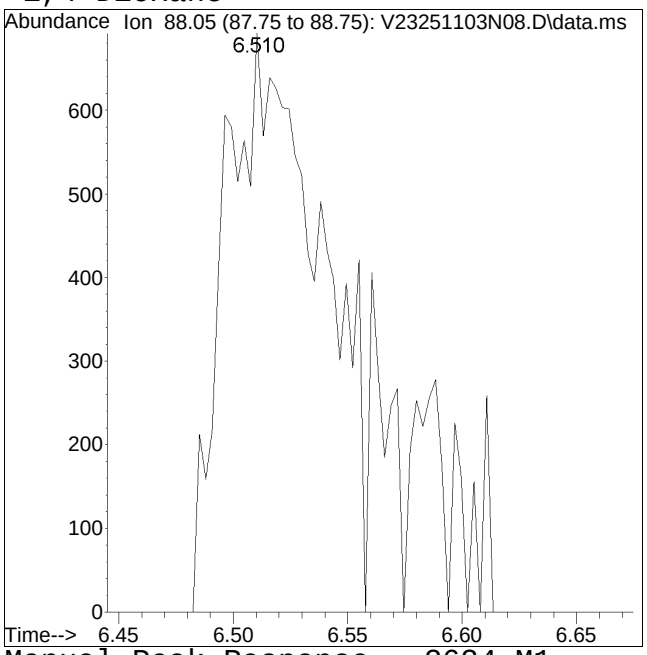
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 450



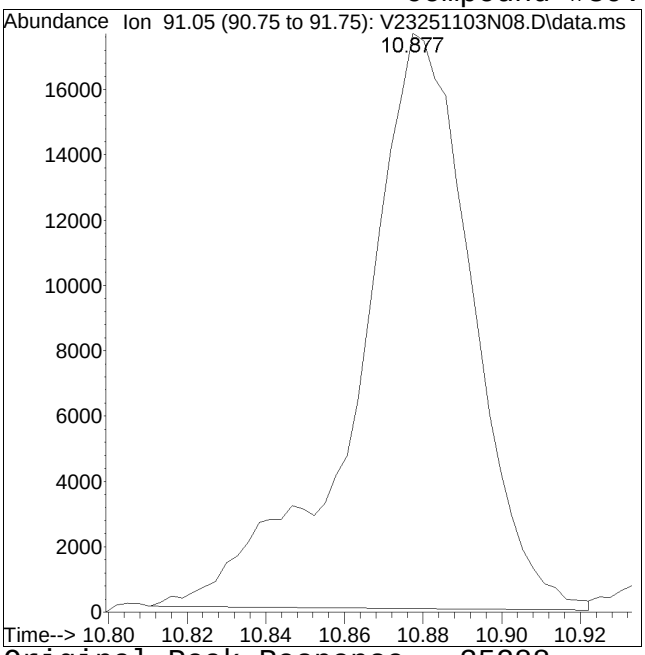
Manual Peak Response = 2624 M1

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

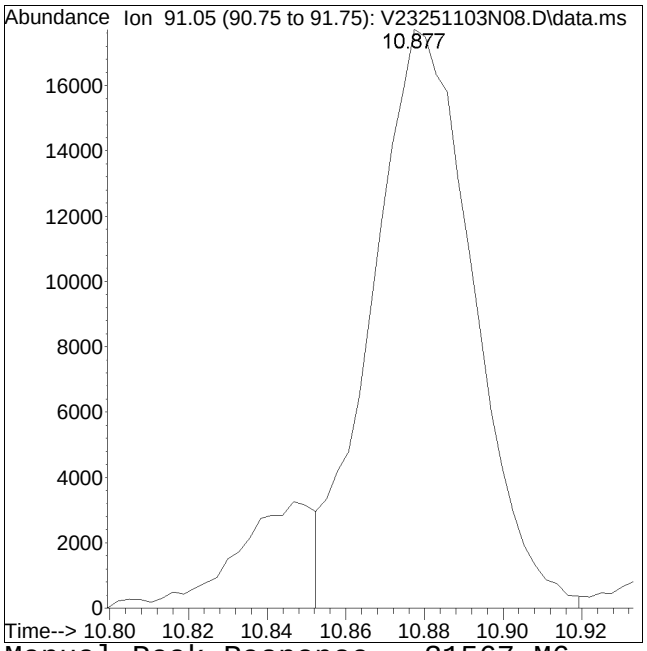
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 35288



Manual Peak Response = 31567 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N09.D
Acq On : 03 Nov 2025 10:27 pm
Operator : VOA123:AJK
Sample : I8260STD20PPB
Misc : WG2136903,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 04 12:27:42 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.518	96	202310	20.000	ug/L	0.00
Standard Area 1 = 201320			Recovery = 100.49%			
59) Chlorobenzene-d5	8.992	117	143929	20.000	ug/L	0.00
Standard Area 1 = 146207			Recovery = 98.44%			
79) 1,4-Dichlorobenzene-d4	11.801	152	78081	20.000	ug/L	0.00
Standard Area 1 = 79326			Recovery = 98.43%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.734	113	50990	19.734	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.67%			
43) 1,2-Dichloroethane-d4	5.242	65	50486	19.481	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.41%			
60) Toluene-d8	7.174	98	196679	20.269	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.35%			
83) 4-Bromofluorobenzene	10.537	95	70133	20.027	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.13%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	48127M1	21.035	ug/L	
3) Chloromethane	1.664	50	50163	20.233	ug/L	99
4) Vinyl chloride	1.689	62	57335M1	20.840	ug/L	
5) Bromomethane	1.965	94	31929	19.206	ug/L	99
6) Chloroethane	2.071	64	36044M1	19.598	ug/L	
7) Trichlorofluoromethane	2.191	101	84074M1	20.653	ug/L	
8) Ethyl ether	2.453	74	27849	20.177	ug/L	93
10) 1,1-Dichloroethene	2.629	96	43874	20.376	ug/L	91
11) Carbon disulfide	2.656	76	154618	20.790	ug/L	97
12) Freon-113	2.662	101	42787	19.499	ug/L	99
14) Acrolein	2.921	56	5169	19.510	ug/L	99
15) Methylene chloride	3.133	84	55776M1	20.392	ug/L	
17) Acetone	3.170	43	14331	21.574	ug/L	90
18) trans-1,2-Dichloroethene	3.278	96	52422	20.352	ug/L	96
19) Methyl acetate	3.284	43	20670	18.892	ug/L #	90
20) Methyl tert-butyl ether	3.365	73	142833	19.777	ug/L	95
21) tert-Butyl alcohol	3.446	59	19951M1	95.614	ug/L	
22) Diisopropyl ether	3.705	45	156545	20.062	ug/L	95
23) 1,1-Dichloroethane	3.819	63	96506	20.508	ug/L	100
24) Halothane	3.870	117	38673	20.479	ug/L	100
25) Acrylonitrile	3.861	53	11321M1	20.357	ug/L	

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N09.D
Acq On : 03 Nov 2025 10:27 pm
Operator : VOA123:AJK
Sample : I8260STD20PPB
Misc : WG2136903,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 04 12:27:42 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.034	59	157938	19.957	ug/L		93
27) Vinyl acetate	4.045	43	106035	19.392	ug/L		95
28) cis-1,2-Dichloroethene	4.313	96	59702	20.314	ug/L		97
29) 2,2-Dichloropropane	4.408	77	77975	20.277	ug/L		91
30) Bromochloromethane	4.497	128	26518	19.847	ug/L		97
31) Cyclohexane	4.503	56	73058	18.894	ug/L		97
32) Chloroform	4.567	83	102656	20.638	ug/L		95
33) Ethyl acetate	4.678	43	35365	19.601	ug/L		100
34) Carbon tetrachloride	4.695	117	72155	19.513	ug/L		98
35) Tetrahydrofuran	4.715	42	10849	19.704	ug/L		99
37) 1,1,1-Trichloroethane	4.759	97	82624	20.129	ug/L		98
39) 2-Butanone	4.846	43	14311	20.102	ug/L	#	75
40) 1,1-Dichloropropene	4.879	75	64259	20.303	ug/L		99
41) Benzene	5.111	78	200606	20.063	ug/L		97
42) tert-Amyl methyl ether	5.219	73	140505	19.826	ug/L		96
44) 1,2-Dichloroethane	5.309	62	71270	20.106	ug/L		99
47) Methyl cyclohexane	5.679	83	77364	18.277	ug/L		94
48) Trichloroethene	5.693	95	55292	20.092	ug/L		99
50) Dibromomethane	6.117	93	31991	19.893	ug/L		100
51) 1,2-Dichloropropane	6.215	63	54187	20.171	ug/L	#	87
53) 2-Chloroethyl vinyl ether	6.909	63	23285	19.349	ug/L		93
54) Bromodichloromethane	6.290	83	77637	19.903	ug/L		100
57) 1,4-Dioxane	6.510	88	16005M1	972.414	ug/L		
58) cis-1,3-Dichloropropene	6.971	75	85565	19.376	ug/L	#	89
61) Toluene	7.230	92	127556	20.207	ug/L		99
62) 4-Methyl-2-pentanone	7.662	58	13934	19.509	ug/L		86
63) Tetrachloroethene	7.673	166	54380	19.225	ug/L		97
65) trans-1,3-Dichloropropene	7.710	75	73266	19.527	ug/L		98
67) Ethyl methacrylate	7.910	69	55825	19.780	ug/L		92
68) 1,1,2-Trichloroethane	7.891	83	36673	20.176	ug/L		100
69) Chlorodibromomethane	8.097	129	54440	19.627	ug/L		97
70) 1,3-Dichloropropane	8.206	76	72873	20.110	ug/L		100
71) 1,2-Dibromoethane	8.359	107	42986	19.846	ug/L		99
72) 2-Hexanone	8.666	43	22314	19.408	ug/L		93
73) Chlorobenzene	9.012	112	148344	20.103	ug/L	#	88
74) Ethylbenzene	9.057	91	243513	19.751	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.096	131	54924	19.657	ug/L		100
76) p/m Xylene	9.241	106	187591	39.022	ug/L		98
77) o Xylene	9.784	106	188551	39.195	ug/L		99
78) Styrene	9.854	104	320932	39.033	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N09.D
Acq On : 03 Nov 2025 10:27 pm
Operator : VOA123:AJK
Sample : I8260STD20PPB
Misc : WG2136903,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 04 12:27:42 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.868	173	33257	18.778	ug/L		99
82) Isopropylbenzene	10.194	105	233455	19.028	ug/L		100
84) Bromobenzene	10.649	156	65098	19.783	ug/L		100
85) n-Propylbenzene	10.707	91	279092	19.102	ug/L		100
86) 1,4-Dichlorobutane	10.719	55	71340	19.612	ug/L		94
87) 1,1,2,2-Tetrachloroethane	10.799	83	54192	20.060	ug/L		100
88) 4-Ethyltoluene	10.844	105	233435	19.041	ug/L		99
89) 2-Chlorotoluene	10.878	91	177123M6	19.706	ug/L		
90) 1,3,5-Trimethylbenzene	10.950	105	204019	18.944	ug/L		98
91) 1,2,3-Trichloropropane	10.939	75	40916	19.708	ug/L		99
92) trans-1,4-Dichloro-2-b...	11.003	53	14366	19.464	ug/L	#	81
93) 4-Chlorotoluene	11.070	91	180664	19.502	ug/L		100
94) tert-Butylbenzene	11.301	119	169730	18.694	ug/L		98
97) 1,2,4-Trimethylbenzene	11.385	105	205114	19.119	ug/L		99
98) sec-Butylbenzene	11.499	105	249980	18.404	ug/L		99
99) p-Isopropyltoluene	11.664	119	219291	18.564	ug/L		98
100) 1,3-Dichlorobenzene	11.720	146	120626	19.191	ug/L		99
101) 1,4-Dichlorobenzene	11.817	146	121600	19.110	ug/L		99
102) p-Diethylbenzene	12.049	119	130648	18.595	ug/L		100
103) n-Butylbenzene	12.107	91	197421	18.559	ug/L		99
104) 1,2-Dichlorobenzene	12.250	146	113937	19.238	ug/L		100
105) 1,2,4,5-Tetramethylben...	12.860	119	214355	18.681	ug/L		98
106) 1,2-Dibromo-3-chloropr...	13.047	155	7737	18.889	ug/L		97
107) 1,3,5-Trichlorobenzene	13.081	180	92708	19.133	ug/L		100
108) Hexachlorobutadiene	13.669	225	43368	18.004	ug/L		99
109) 1,2,4-Trichlorobenzene	13.686	180	80414	18.600	ug/L		99
110) Naphthalene	13.979	128	157334	19.338	ug/L		100
111) 1,2,3-Trichlorobenzene	14.149	180	70450	18.837	ug/L		98

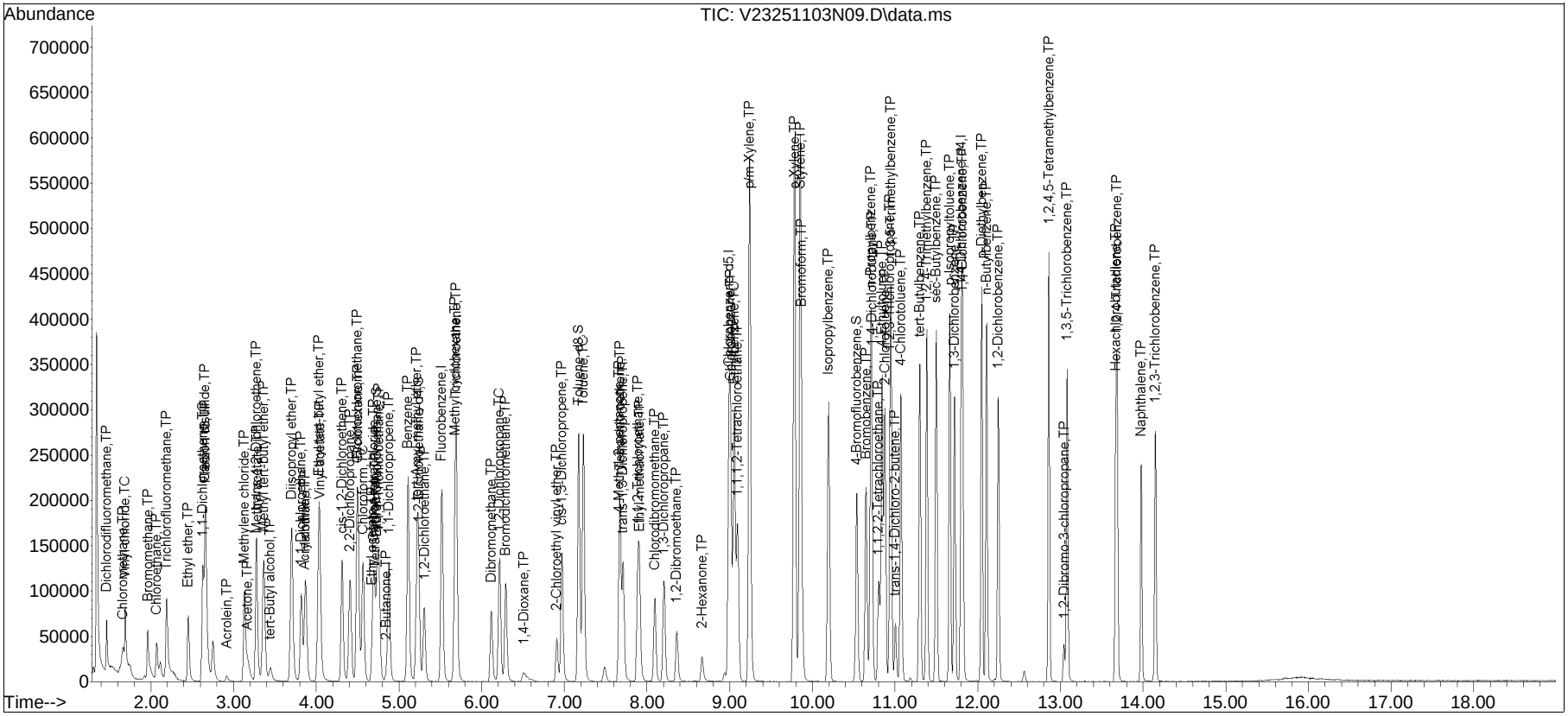
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N09.D
Acq On : 03 Nov 2025 10:27 pm
Operator : VOA123:AJK
Sample : I8260STD20PPB
Misc : WG2136903,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 04 12:27:42 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

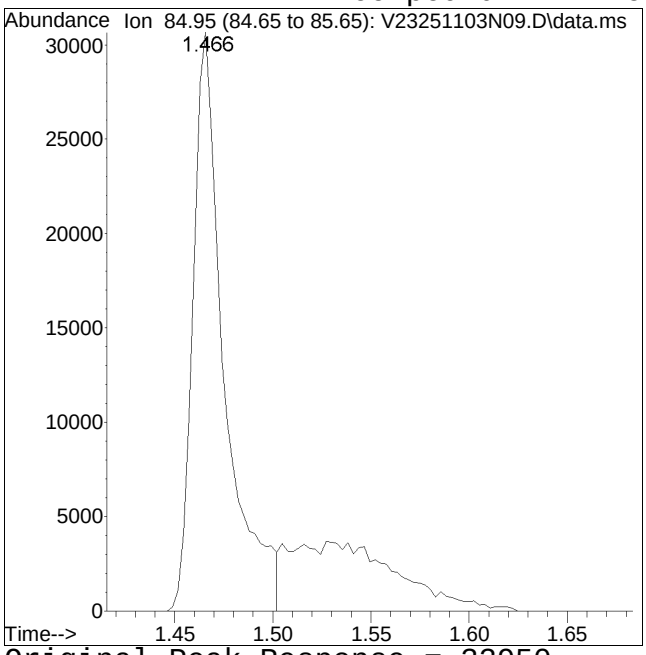
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•



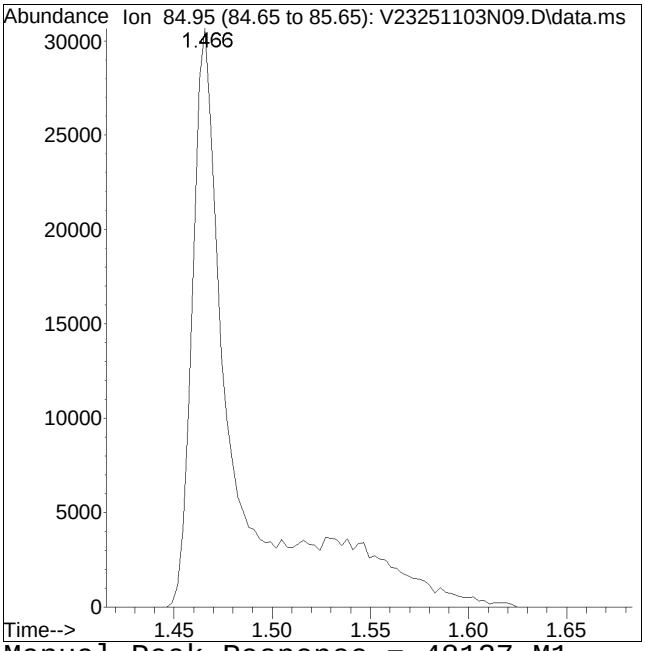
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #2: Dichlorodifluoromethane



Original Peak Response = 33950



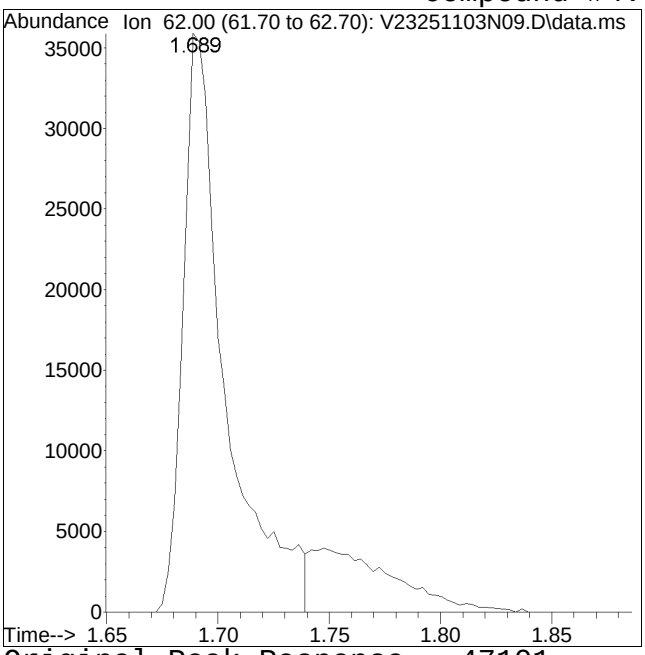
Manual Peak Response = 48127 M1

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

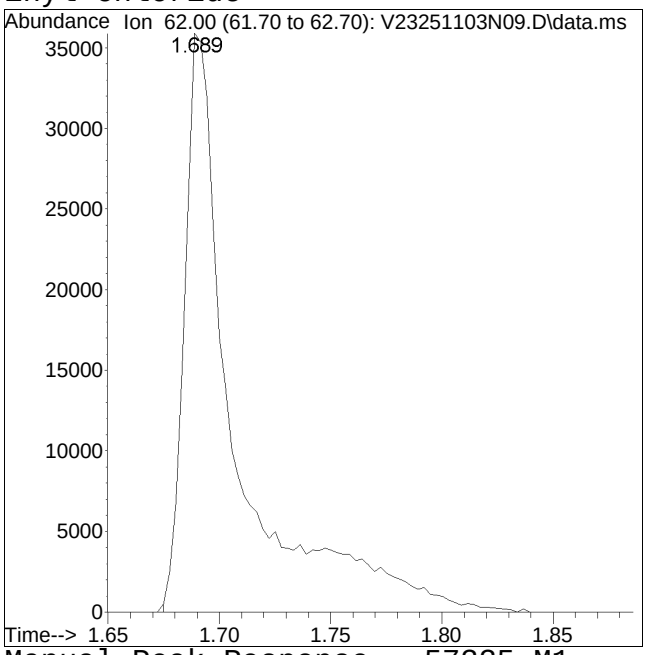
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #4: Vinyl chloride



Original Peak Response = 47101



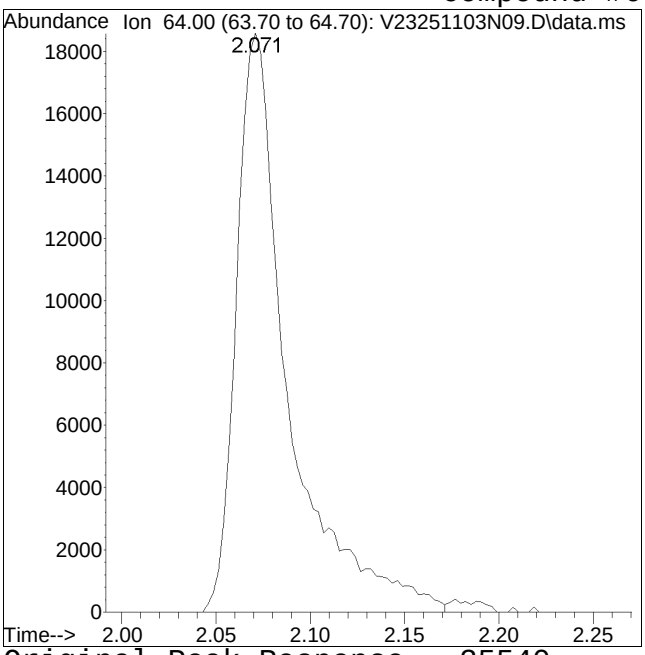
Manual Peak Response = 57335 M1

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

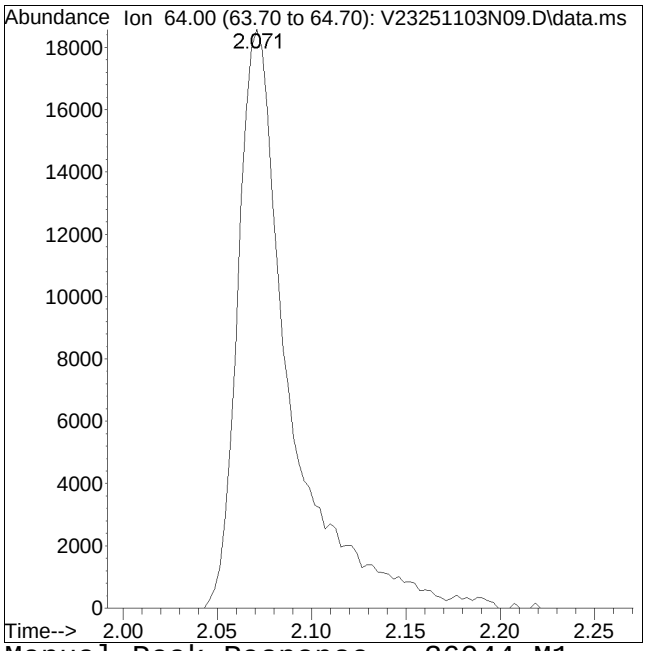
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #6: Chloroethane



Original Peak Response = 35540



Manual Peak Response = 36044 M1

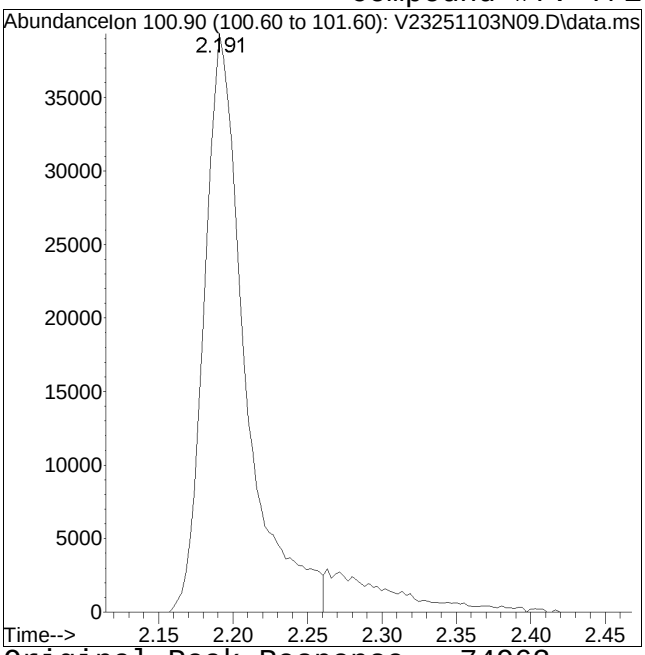
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

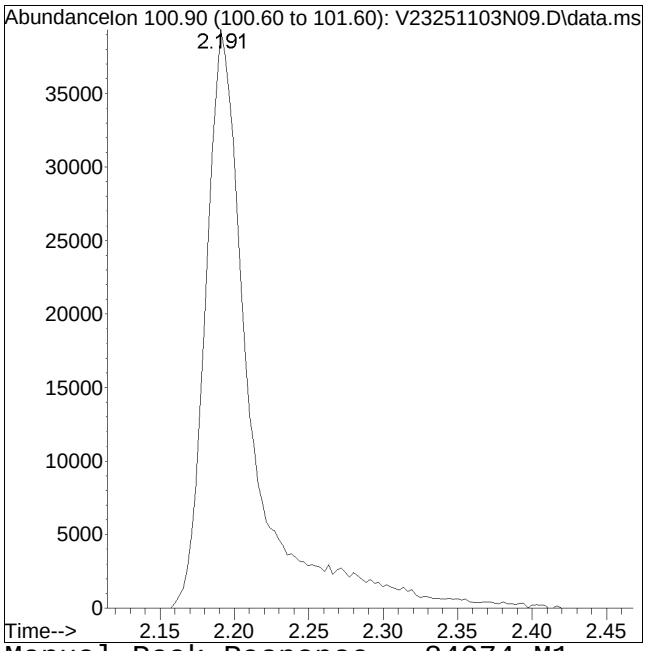
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N09.D
Date Inj'd : 11/3/2025 10:27 pm
Sample : I8260STD20PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #7: Trichlorofluoromethane



Original Peak Response = 74963



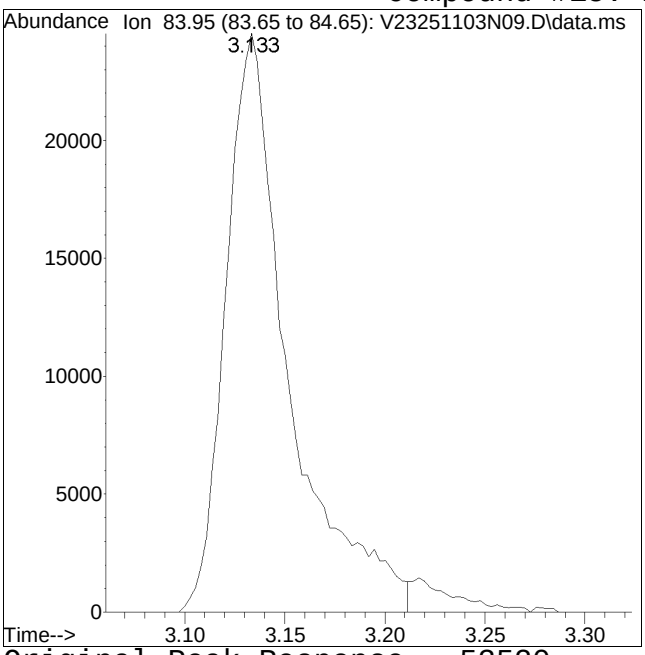
Manual Peak Response = 84074 M1

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

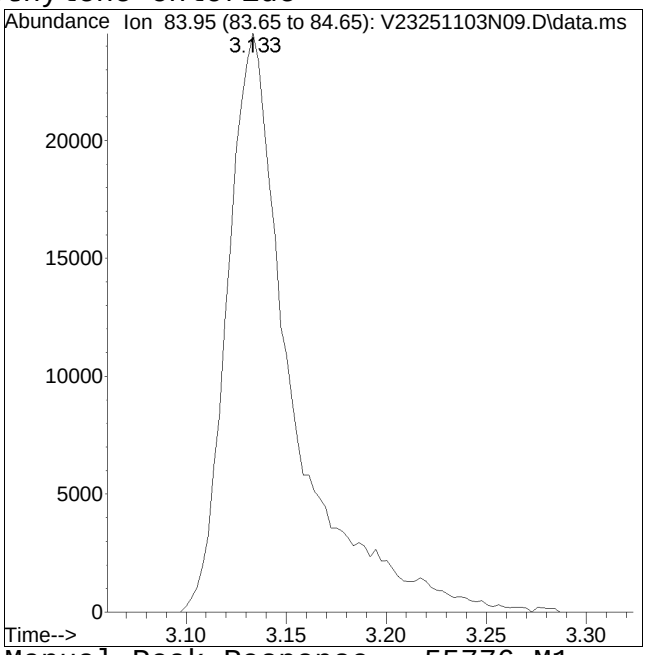
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #15: Methylene chloride



Original Peak Response = 53520



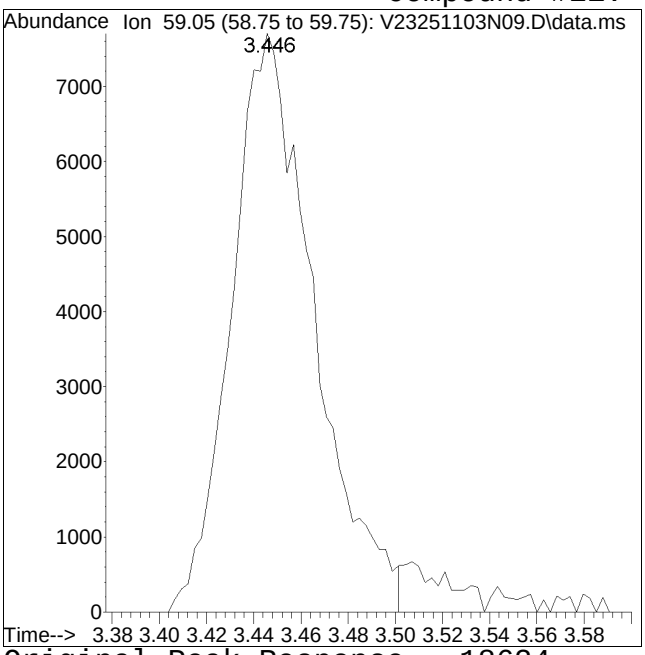
Manual Peak Response = 55776 M1

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

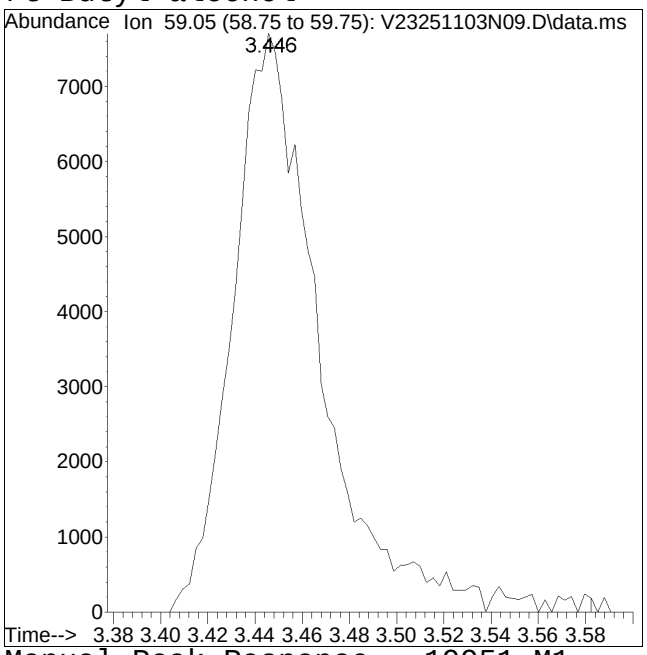
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #21: tert-Butyl alcohol



Original Peak Response = 18624



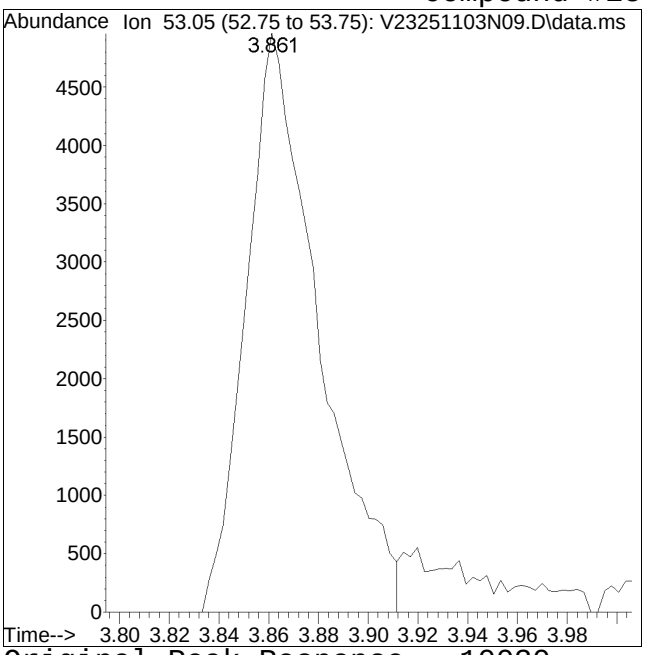
Manual Peak Response = 19951 M1

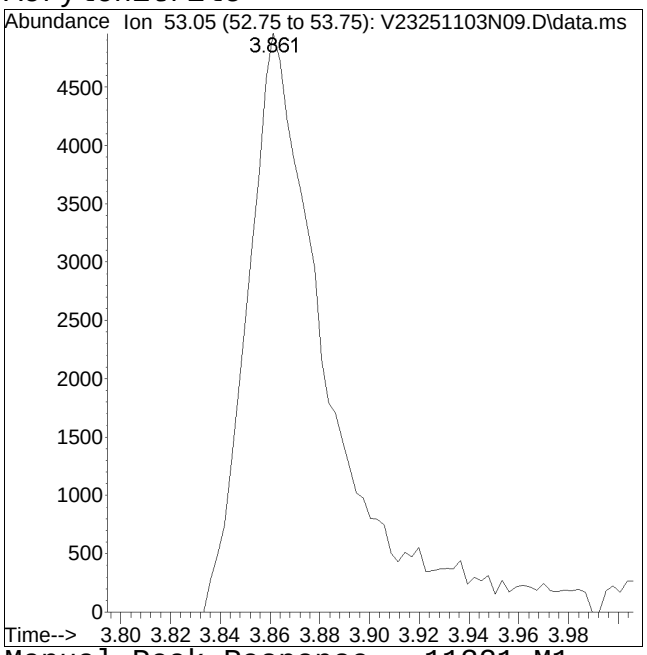
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #25: Acrylonitrile



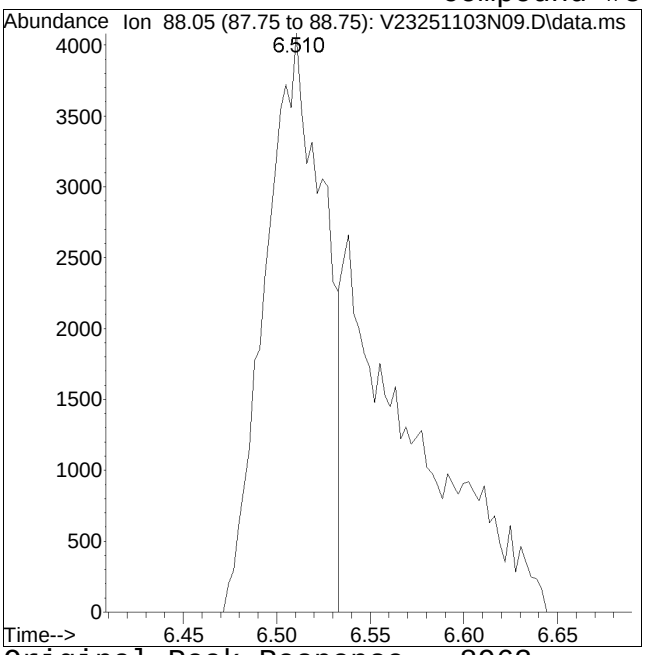


Original Peak Response = 10030 Manual Peak Response = 11321 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

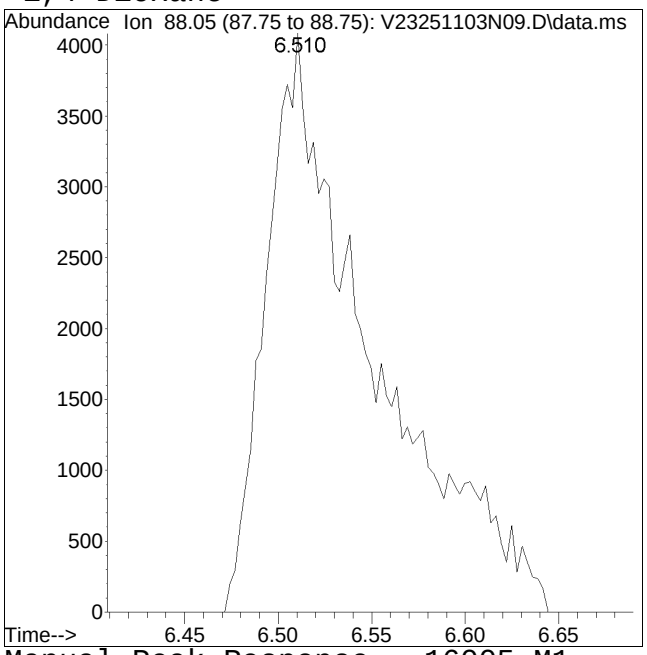
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 8963



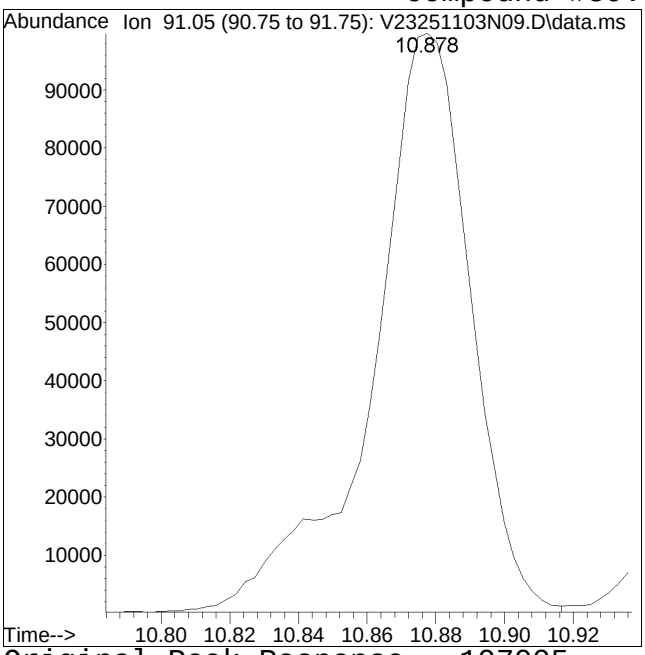
Manual Peak Response = 16005 M1

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

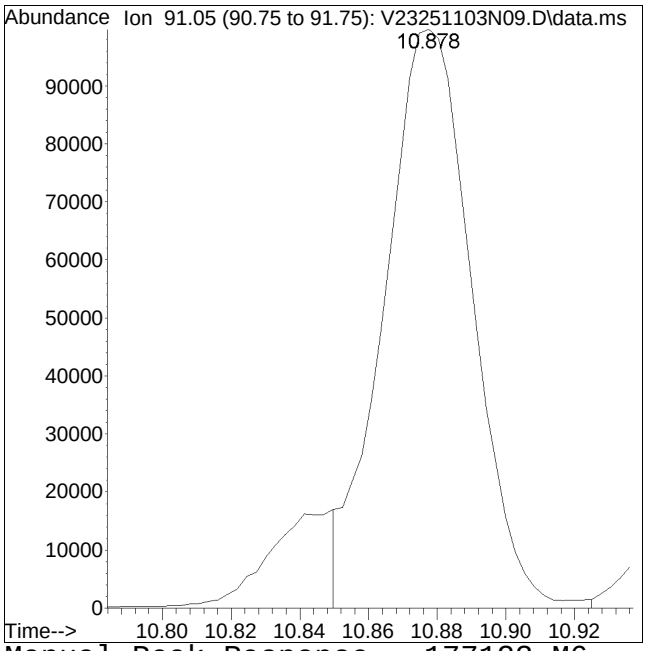
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 197005



Manual Peak Response = 177123 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N10.D
Acq On : 03 Nov 2025 10:53 pm
Operator : VOA123:AJK
Sample : I8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 04 12:09:05 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Apr 21 07:32:25 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.520	96	201320	20.000 ug/L	0.00
Standard Area 1 = 201320			Recovery = 100.00%		
59) Chlorobenzene-d5	8.990	117	146207	20.000 ug/L	0.00
Standard Area 1 = 146207			Recovery = 100.00%		
79) 1,4-Dichlorobenzene-d4	11.801	152	79326	20.000 ug/L	0.00
Standard Area 1 = 79326			Recovery = 100.00%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.734	113	51424	19.715 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.58%		
43) 1,2-Dichloroethane-d4	5.239	65	51578	19.250 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.25%		
60) Toluene-d8	7.177	98	197141	19.633 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.16%		
83) 4-Bromofluorobenzene	10.534	95	71155	18.882 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.41%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.466	85	91068M1	27.258 ug/L	
3) Chloromethane	1.661	50	98685	33.192 ug/L	99
4) Vinyl chloride	1.692	62	109511	32.859 ug/L	89
5) Bromomethane	1.962	94	66174	29.509 ug/L	99
6) Chloroethane	2.071	64	73206M1	36.357 ug/L	
7) Trichlorofluoromethane	2.191	101	162035	39.001 ug/L	99
8) Ethyl ether	2.456	74	54940	37.305 ug/L	91
10) 1,1-Dichloroethene	2.629	96	85709	36.460 ug/L	94
11) Carbon disulfide	2.654	76	296033	32.285 ug/L	98
12) Freon-113	2.665	101	87345	34.950 ug/L	98
14) Acrolein	2.916	56	10546	34.487 ug/L	94
15) Methylene chloride	3.133	84	108873	33.821 ug/L	93
17) Acetone	3.172	43	26441	43.759 ug/L	91
18) trans-1,2-Dichloroethene	3.276	96	102528	37.965 ug/L	96
19) Methyl acetate	3.281	43	43550	37.003 ug/L #	91
20) Methyl tert-butyl ether	3.365	73	287477	37.550 ug/L	95
21) tert-Butyl alcohol	3.451	59	41528M1	177.933 ug/L	
22) Diisopropyl ether	3.705	45	310599	36.161 ug/L	95
23) 1,1-Dichloroethane	3.822	63	187309	36.963 ug/L	99
24) Halothane	3.869	117	75166	39.130 ug/L	100
25) Acrylonitrile	3.861	53	22136	37.789 ug/L #	88

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N10.D
Acq On : 03 Nov 2025 10:53 pm
Operator : VOA123:AJK
Sample : I8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 04 12:09:05 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Apr 21 07:32:25 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.031	59	315015	36.515	ug/L		94
27) Vinyl acetate	4.042	43	217645	53.841	ug/L		95
28) cis-1,2-Dichloroethene	4.313	96	116981	39.516	ug/L		96
29) 2,2-Dichloropropane	4.408	77	153067	35.522	ug/L		91
30) Bromochloromethane	4.494	128	53182	41.023	ug/L		97
31) Cyclohexane	4.503	56	153910	34.779	ug/L		96
32) Chloroform	4.567	83	197988	38.521	ug/L		97
33) Ethyl acetate	4.675	43	71818	39.824	ug/L		100
34) Carbon tetrachloride	4.695	117	147188	37.356	ug/L		99
35) Tetrahydrofuran	4.714	42	21916M6	36.146	ug/L		
37) 1,1,1-Trichloroethane	4.756	97	163387	37.759	ug/L		99
39) 2-Butanone	4.848	43	28337	40.240	ug/L	#	74
40) 1,1-Dichloropropene	4.876	75	125983	37.692	ug/L		100
41) Benzene	5.110	78	397991	39.164	ug/L		97
42) tert-Amyl methyl ether	5.225	73	282094	37.801	ug/L		96
44) 1,2-Dichloroethane	5.306	62	141098	37.692	ug/L		99
47) Methyl cyclohexane	5.682	83	168483	37.143	ug/L		93
48) Trichloroethene	5.693	95	109537	38.597	ug/L		99
50) Dibromomethane	6.117	93	64012	40.487	ug/L		99
51) 1,2-Dichloropropane	6.218	63	106927	39.191	ug/L		99
53) 2-Chloroethyl vinyl ether	6.909	63	47902	35.127	ug/L		95
54) Bromodichloromethane	6.293	83	155266	39.157	ug/L		99
57) 1,4-Dioxane	6.502	88	32757M1	1843.302	ug/L		
58) cis-1,3-Dichloropropene	6.973	75	175779	41.331	ug/L	#	91
61) Toluene	7.233	92	256496	37.864	ug/L		100
62) 4-Methyl-2-pentanone	7.662	58	29021	39.512	ug/L		88
63) Tetrachloroethene	7.673	166	114935	40.561	ug/L		98
65) trans-1,3-Dichloropropene	7.710	75	152454	39.665	ug/L		99
67) Ethyl methacrylate	7.910	69	114677	41.681	ug/L		93
68) 1,1,2-Trichloroethane	7.891	83	73858	38.775	ug/L		99
69) Chlorodibromomethane	8.094	129	112705	39.958	ug/L		97
70) 1,3-Dichloropropane	8.209	76	147245	38.951	ug/L		99
71) 1,2-Dibromoethane	8.362	107	88012	43.096	ug/L		99
72) 2-Hexanone	8.663	43	46717	37.918	ug/L		93
73) Chlorobenzene	9.009	112	299839	39.958	ug/L	#	88
74) Ethylbenzene	9.054	91	500984	38.799	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.095	131	113531	40.230	ug/L		99
76) p/m Xylene	9.241	106	390673	81.875	ug/L		98
77) o Xylene	9.784	106	390941	81.669	ug/L		98
78) Styrene	9.854	104	668169	86.006	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N10.D
Acq On : 03 Nov 2025 10:53 pm
Operator : VOA123:AJK
Sample : I8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 04 12:09:05 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Apr 21 07:32:25 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.868	173	71971	39.134	ug/L	99
82) Isopropylbenzene	10.197	105	498591	38.862	ug/L	100
84) Bromobenzene	10.646	156	133724	40.212	ug/L	100
85) n-Propylbenzene	10.710	91	593758	38.449	ug/L	99
86) 1,4-Dichlorobutane	10.721	55	147820	36.642	ug/L	95
87) 1,1,2,2-Tetrachloroethane	10.802	83	109781	37.911	ug/L	100
88) 4-Ethyltoluene	10.841	105	498196	39.293	ug/L	100
89) 2-Chlorotoluene	10.877	91	365268M6	37.722	ug/L	
90) 1,3,5-Trimethylbenzene	10.947	105	437641	38.836	ug/L	99
91) 1,2,3-Trichloropropane	10.942	75	84369	36.972	ug/L	99
92) trans-1,4-Dichloro-2-b...	11.006	53	29994	36.931	ug/L	83
93) 4-Chlorotoluene	11.070	91	376472	38.564	ug/L	99
94) tert-Butylbenzene	11.299	119	368976	39.251	ug/L	98
97) 1,2,4-Trimethylbenzene	11.385	105	435971	39.460	ug/L	100
98) sec-Butylbenzene	11.499	105	551965	38.974	ug/L	100
99) p-Isopropyltoluene	11.661	119	480031	39.879	ug/L	98
100) 1,3-Dichlorobenzene	11.722	146	255434	41.390	ug/L	100
101) 1,4-Dichlorobenzene	11.817	146	258591	40.350	ug/L	100
102) p-Diethylbenzene	12.049	119	285518	40.298	ug/L	100
103) n-Butylbenzene	12.107	91	432273	40.121	ug/L	98
104) 1,2-Dichlorobenzene	12.249	146	240679	40.658	ug/L	100
105) 1,2,4,5-Tetramethylben...	12.860	119	466309	40.089	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.044	155	16645	39.399	ug/L	97
107) 1,3,5-Trichlorobenzene	13.081	180	196909	41.476	ug/L	99
108) Hexachlorobutadiene	13.669	225	97889	40.899	ug/L	98
109) 1,2,4-Trichlorobenzene	13.686	180	175687	43.938	ug/L	100
110) Naphthalene	13.976	128	330621	36.938	ug/L	100
111) 1,2,3-Trichlorobenzene	14.149	180	151985	43.863	ug/L	99

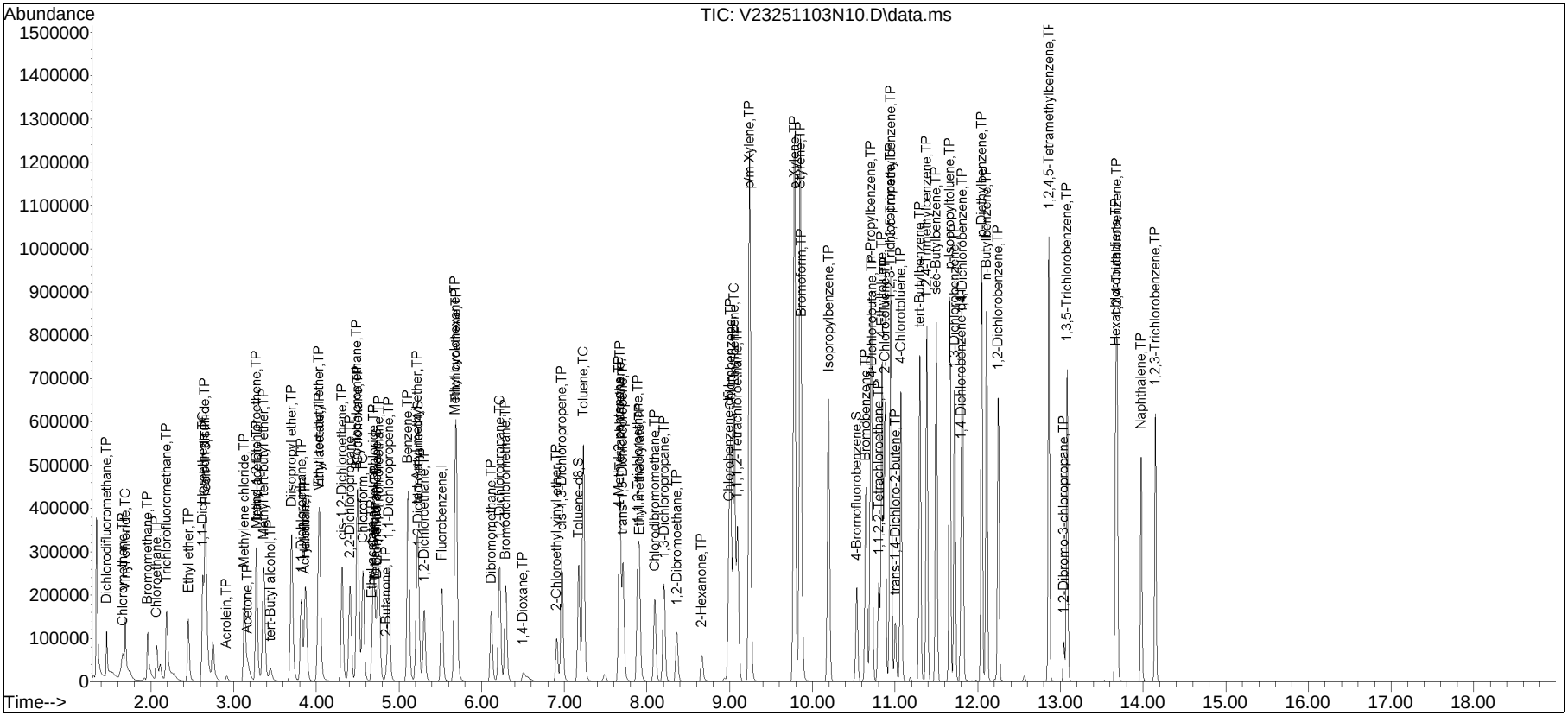
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N10.D
Acq On : 03 Nov 2025 10:53 pm
Operator : VOA123:AJK
Sample : I8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 04 12:09:05 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Apr 21 07:32:25 2025
Response via : Initial Calibration

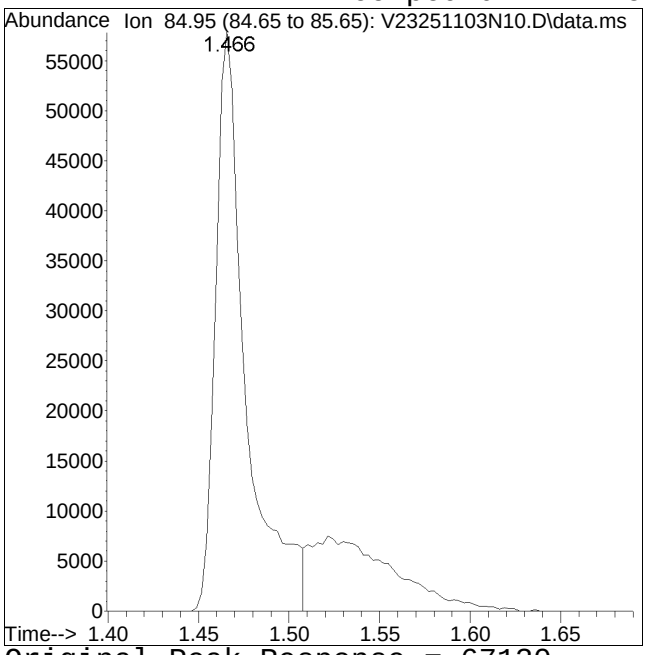
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•

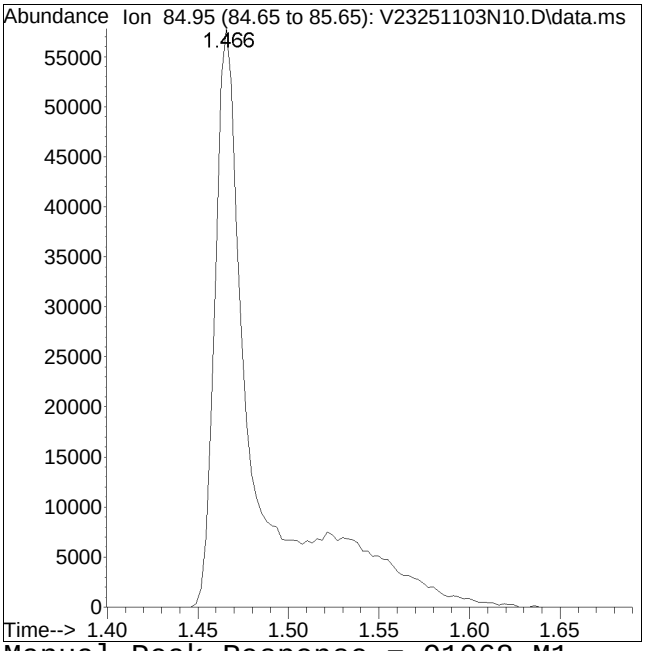


Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N10.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:53 pm Instrument : VOA123
Sample : I8260STD40PPB Quant Date : 11/4/2025 11:58 am

Compound #2: Dichlorodifluoromethane



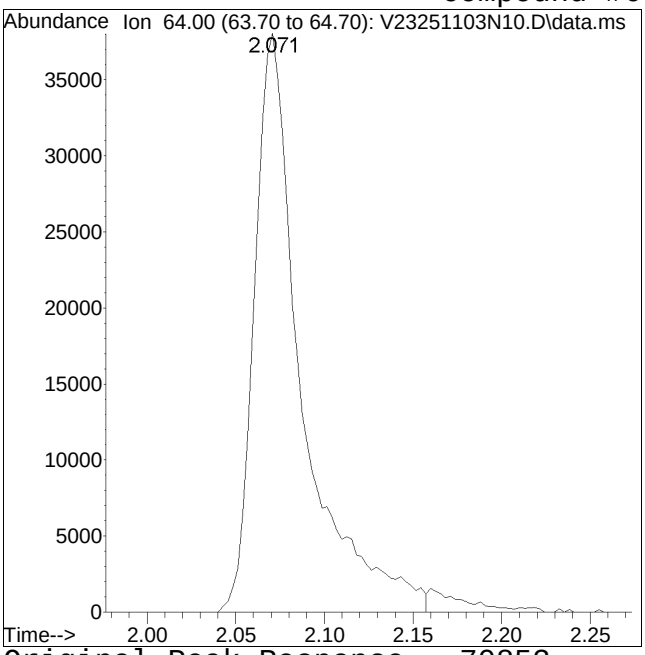


Original Peak Response = 67130 Manual Peak Response = 91068 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

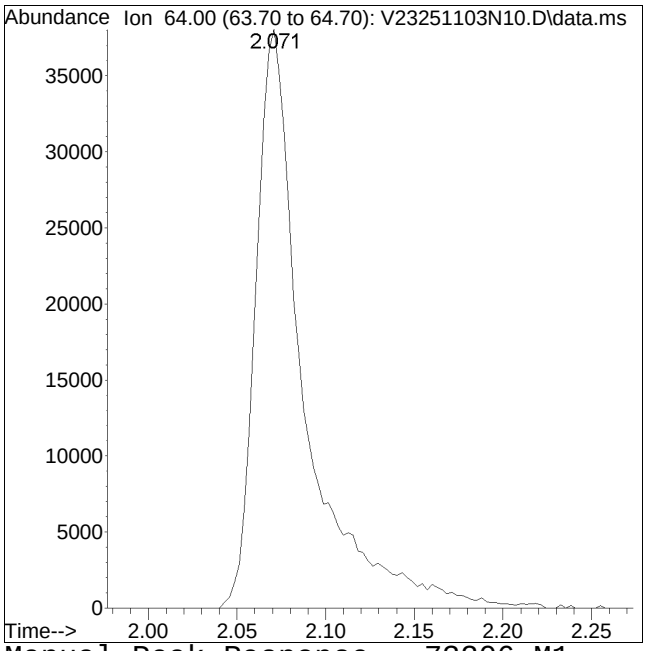
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N10.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:53 pm Instrument : VOA123
Sample : I8260STD40PPB Quant Date : 11/4/2025 11:58 am

Compound #6: Chloroethane



Original Peak Response = 70853



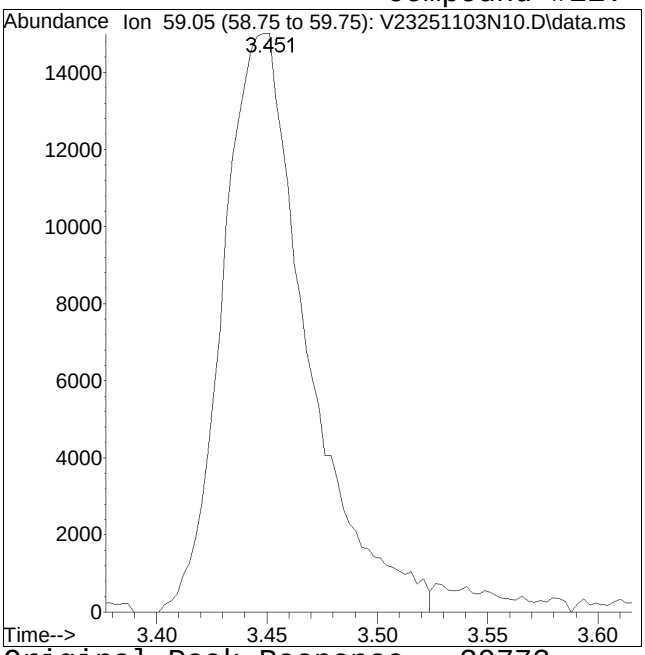
Manual Peak Response = 73206 M1

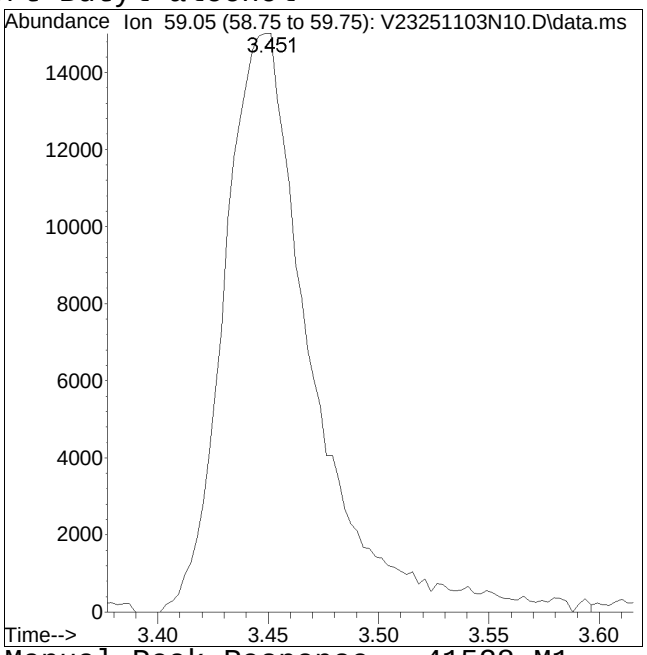
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N10.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:53 pm Instrument : VOA123
Sample : I8260STD40PPB Quant Date : 11/4/2025 11:58 am

Compound #21: tert-Butyl alcohol





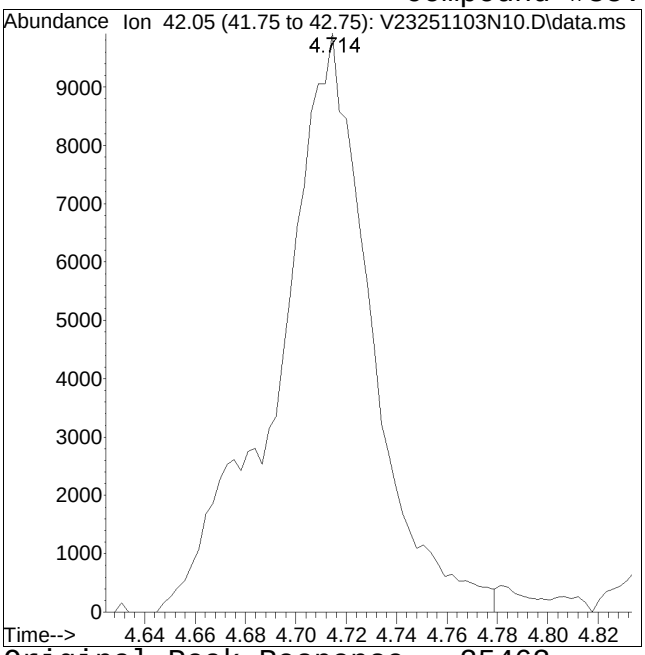
Original Peak Response = 39773 Manual Peak Response = 41528 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

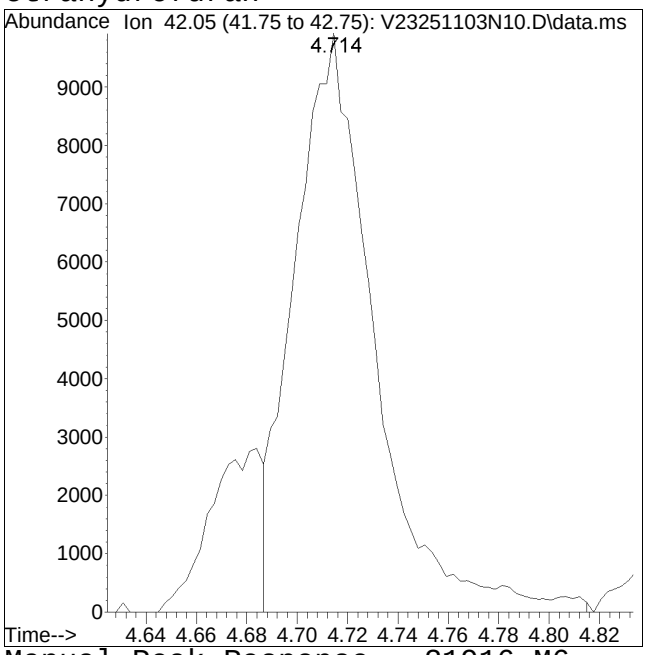
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N10.D
Date Inj'd : 11/3/2025 10:53 pm
Sample : I8260STD40PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 11:58 am

Compound #35: Tetrahydrofuran



Original Peak Response = 25463



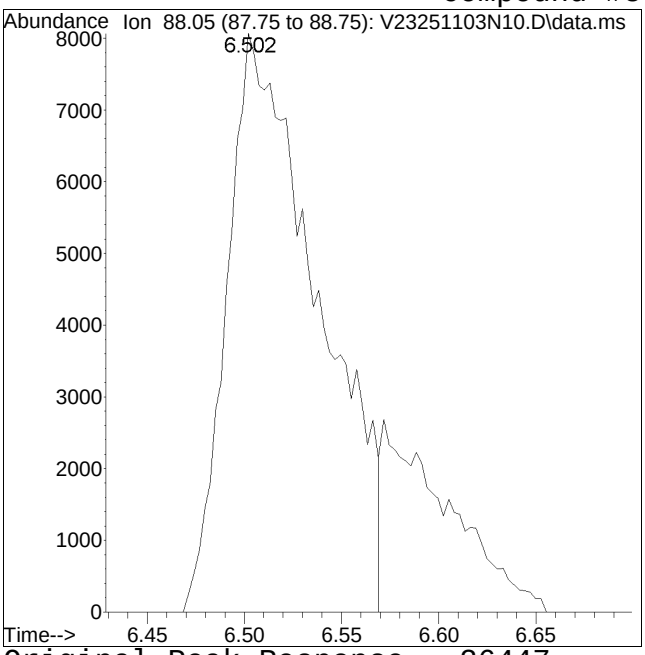
Manual Peak Response = 21916 M6

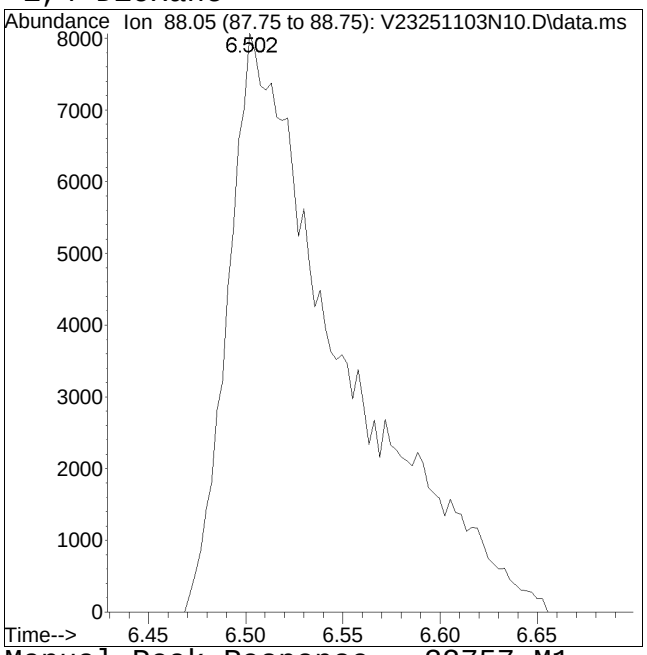
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N10.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:53 pm Instrument : VOA123
Sample : I8260STD40PPB Quant Date : 11/4/2025 11:58 am

Compound #57: 1,4-Dioxane



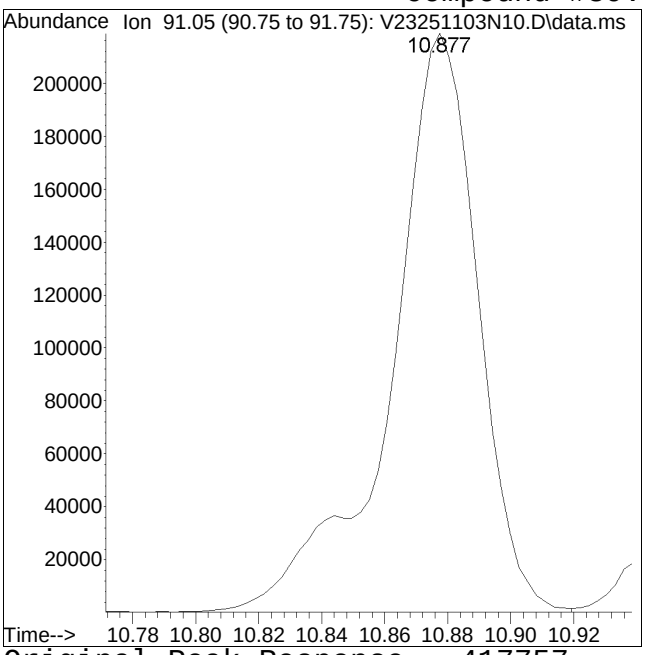


Original Peak Response = 26447 Manual Peak Response = 32757 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

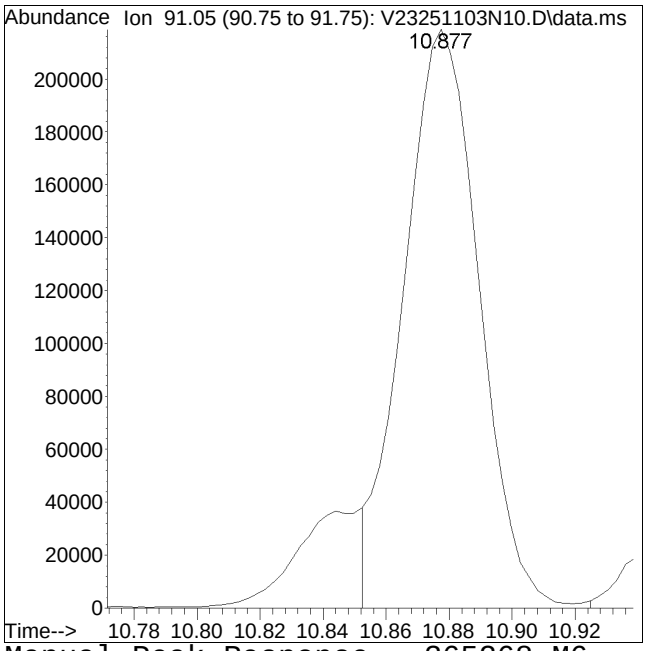
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N10.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:53 pm Instrument : VOA123
Sample : I8260STD40PPB Quant Date : 11/4/2025 11:58 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 417757



Manual Peak Response = 365268 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N11.D
Acq On : 03 Nov 2025 11:19 pm
Operator : VOA123:AJK
Sample : I8260STD100PPB
Misc : WG2136903,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 04 12:30:11 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.520	96	200870	20.000	ug/L	0.00
Standard Area 1 = 201320			Recovery = 99.78%			
59) Chlorobenzene-d5	8.990	117	144183	20.000	ug/L	0.00
Standard Area 1 = 146207			Recovery = 98.62%			
79) 1,4-Dichlorobenzene-d4	11.801	152	79377	20.000	ug/L	0.00
Standard Area 1 = 79326			Recovery = 100.06%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.734	113	51061	19.903	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.52%			
43) 1,2-Dichloroethane-d4	5.242	65	51317	19.943	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.72%			
60) Toluene-d8	7.174	98	192892	19.844	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.22%			
83) 4-Bromofluorobenzene	10.537	95	70717	19.864	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	243685M1	107.274	ug/L	
3) Chloromethane	1.661	50	254560	103.412	ug/L	98
4) Vinyl chloride	1.692	62	289502	105.980	ug/L	88
5) Bromomethane	1.962	94	184636	111.856	ug/L	100
6) Chloroethane	2.068	64	201619	110.412	ug/L	97
7) Trichlorofluoromethane	2.191	101	426682	105.567	ug/L	99
8) Ethyl ether	2.453	74	141035	102.913	ug/L	92
10) 1,1-Dichloroethene	2.629	96	227523	106.422	ug/L	93
11) Carbon disulfide	2.656	76	780277	105.667	ug/L	99
12) Freon-113	2.662	101	231590	106.295	ug/L	99
14) Acrolein	2.916	56	26323	100.064	ug/L	98
15) Methylene chloride	3.133	84	272523	100.349	ug/L	92
17) Acetone	3.167	43	61882	93.825	ug/L	92
18) trans-1,2-Dichloroethene	3.276	96	263157	102.897	ug/L	96
19) Methyl acetate	3.281	43	111347	102.500	ug/L #	90
20) Methyl tert-butyl ether	3.365	73	732162	102.102	ug/L	96
21) tert-Butyl alcohol	3.448	59	100622	485.684	ug/L	97
22) Diisopropyl ether	3.705	45	789268	101.872	ug/L	95
23) 1,1-Dichloroethane	3.819	63	480538	102.849	ug/L	100
24) Halothane	3.872	117	196416	104.758	ug/L	100
25) Acrylonitrile	3.858	53	58884	106.642	ug/L #	91

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N11.D
Acq On : 03 Nov 2025 11:19 pm
Operator : VOA123:AJK
Sample : I8260STD100PPB
Misc : WG2136903,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 04 12:30:11 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.031	59	811531	103.277	ug/L		93
27) Vinyl acetate	4.042	43	550112	101.329	ug/L		95
28) cis-1,2-Dichloroethene	4.310	96	295827	101.380	ug/L		96
29) 2,2-Dichloropropane	4.408	77	397025	103.984	ug/L		92
30) Bromochloromethane	4.494	128	132364	99.779	ug/L		97
31) Cyclohexane	4.503	56	400304	104.269	ug/L		96
32) Chloroform	4.567	83	497261	100.688	ug/L		96
33) Ethyl acetate	4.675	43	183921	102.667	ug/L		100
34) Carbon tetrachloride	4.698	117	389743	106.154	ug/L		99
35) Tetrahydrofuran	4.712	42	53807M6	98.426	ug/L		
37) 1,1,1-Trichloroethane	4.759	97	420679	103.220	ug/L		98
39) 2-Butanone	4.848	43	72251	102.217	ug/L	#	63
40) 1,1-Dichloropropene	4.879	75	325680	103.636	ug/L		99
41) Benzene	5.110	78	1006299	101.364	ug/L		97
42) tert-Amyl methyl ether	5.222	73	716550	101.832	ug/L		96
44) 1,2-Dichloroethane	5.306	62	354614	100.755	ug/L		98
47) Methyl cyclohexane	5.682	83	442735	105.346	ug/L		94
48) Trichloroethene	5.693	95	283029	103.586	ug/L		99
50) Dibromomethane	6.117	93	163883	102.637	ug/L		99
51) 1,2-Dichloropropane	6.218	63	267578	100.322	ug/L		99
53) 2-Chloroethyl vinyl ether	6.906	63	122016	102.116	ug/L		96
54) Bromodichloromethane	6.290	83	396361	102.340	ug/L		99
57) 1,4-Dioxane	6.508	88	83157M1	5088.579	ug/L		
58) cis-1,3-Dichloropropene	6.971	75	445566	101.619	ug/L	#	91
61) Toluene	7.233	92	652489	103.183	ug/L		100
62) 4-Methyl-2-pentanone	7.662	58	76367	106.735	ug/L		89
63) Tetrachloroethene	7.673	166	296948	104.795	ug/L		98
65) trans-1,3-Dichloropropene	7.710	75	392394	104.399	ug/L		98
67) Ethyl methacrylate	7.910	69	298060	105.424	ug/L		94
68) 1,1,2-Trichloroethane	7.888	83	184420	101.280	ug/L		99
69) Chlorodibromomethane	8.094	129	293549	105.646	ug/L		98
70) 1,3-Dichloropropane	8.206	76	370919	102.177	ug/L		99
71) 1,2-Dibromoethane	8.359	107	223379	102.947	ug/L		99
72) 2-Hexanone	8.663	43	124916	108.457	ug/L		93
73) Chlorobenzene	9.012	112	759061	102.684	ug/L	#	88
74) Ethylbenzene	9.056	91	1276210	103.327	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.095	131	290171	103.670	ug/L		99
76) p/m Xylene	9.243	106	1005010	208.690	ug/L		98
77) o Xylene	9.784	106	1001830	207.887	ug/L		98
78) Styrene	9.857	104	1749995	212.469	ug/L		98

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N11.D
Acq On : 03 Nov 2025 11:19 pm
Operator : VOA123:AJK
Sample : I8260STD100PPB
Misc : WG2136903,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 04 12:30:11 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.871	173	201080	111.684	ug/L	100
82) Isopropylbenzene	10.197	105	1292294	103.609	ug/L	100
84) Bromobenzene	10.649	156	339150	101.383	ug/L	100
85) n-Propylbenzene	10.707	91	1536591	103.450	ug/L	99
86) 1,4-Dichlorobutane	10.719	55	380109	102.791	ug/L	94
87) 1,1,2,2-Tetrachloroethane	10.802	83	277317	100.979	ug/L	99
88) 4-Ethyltoluene	10.844	105	1279395	102.656	ug/L	99
89) 2-Chlorotoluene	10.877	91	949043M6	103.862	ug/L	
90) 1,3,5-Trimethylbenzene	10.950	105	1124493	102.712	ug/L	99
91) 1,2,3-Trichloropropane	10.939	75	216682	102.665	ug/L	99
92) trans-1,4-Dichloro-2-b...	11.000	53	79206	105.561	ug/L	85
93) 4-Chlorotoluene	11.070	91	958304	101.754	ug/L	99
94) tert-Butylbenzene	11.299	119	945822	102.469	ug/L	98
97) 1,2,4-Trimethylbenzene	11.385	105	1112668	102.021	ug/L	100
98) sec-Butylbenzene	11.499	105	1434847	103.914	ug/L	100
99) p-Isopropyltoluene	11.664	119	1239670	103.233	ug/L	98
100) 1,3-Dichlorobenzene	11.720	146	655008	102.506	ug/L	100
101) 1,4-Dichlorobenzene	11.817	146	648489	100.247	ug/L	99
102) p-Diethylbenzene	12.049	119	731052	102.352	ug/L	100
103) n-Butylbenzene	12.107	91	1107979	102.460	ug/L	99
104) 1,2-Dichlorobenzene	12.249	146	611973	101.642	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.860	119	1169792	100.280	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.044	155	45389	109.005	ug/L	99
107) 1,3,5-Trichlorobenzene	13.083	180	495321	100.555	ug/L	100
108) Hexachlorobutadiene	13.669	225	249707	101.971	ug/L	99
109) 1,2,4-Trichlorobenzene	13.686	180	425612	96.840	ug/L	99
110) Naphthalene	13.976	128	809821	97.913	ug/L	100
111) 1,2,3-Trichlorobenzene	14.149	180	364902	95.975	ug/L	100

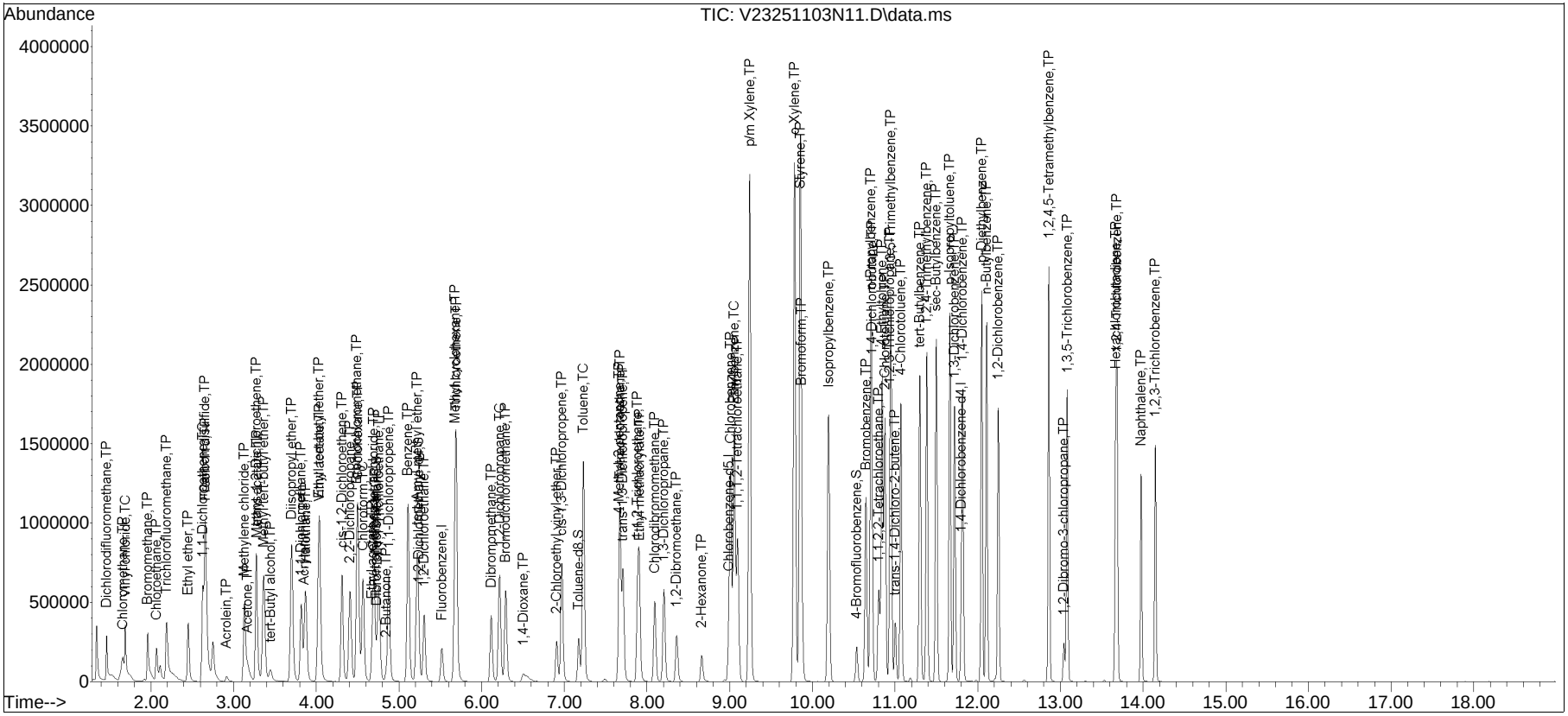
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N11.D
Acq On : 03 Nov 2025 11:19 pm
Operator : VOA123:AJK
Sample : I8260STD100PPB
Misc : WG2136903,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 04 12:30:11 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•

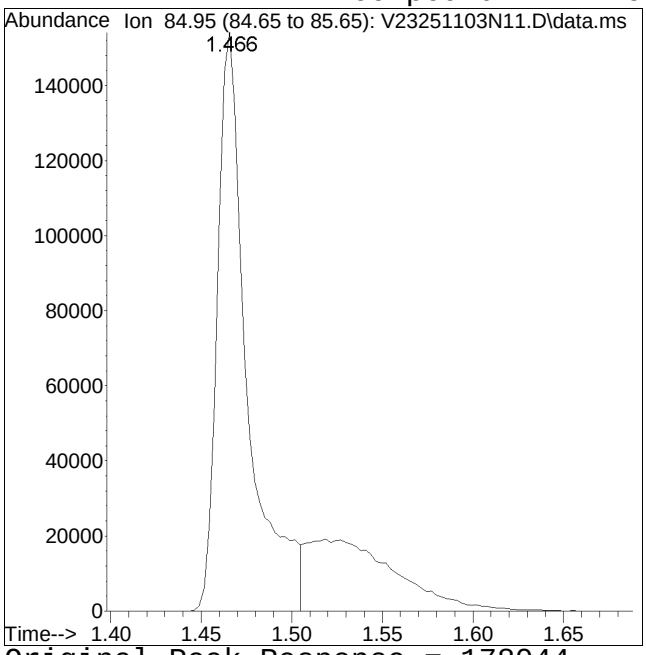


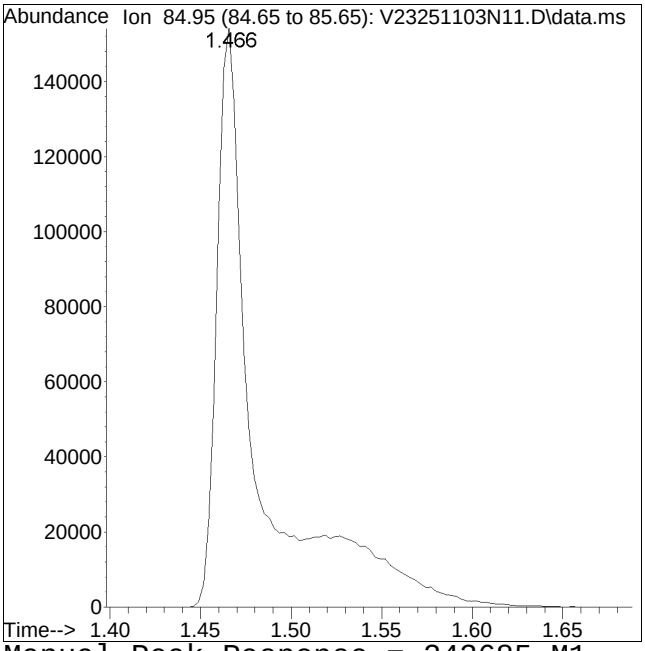
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N11.D
Date Inj'd : 11/3/2025 11:19 pm
Sample : I8260STD100PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:15 pm

Compound #2: Dichlorodifluoromethane





Original Peak Response = 178044 Manual Peak Response = 243685 M1

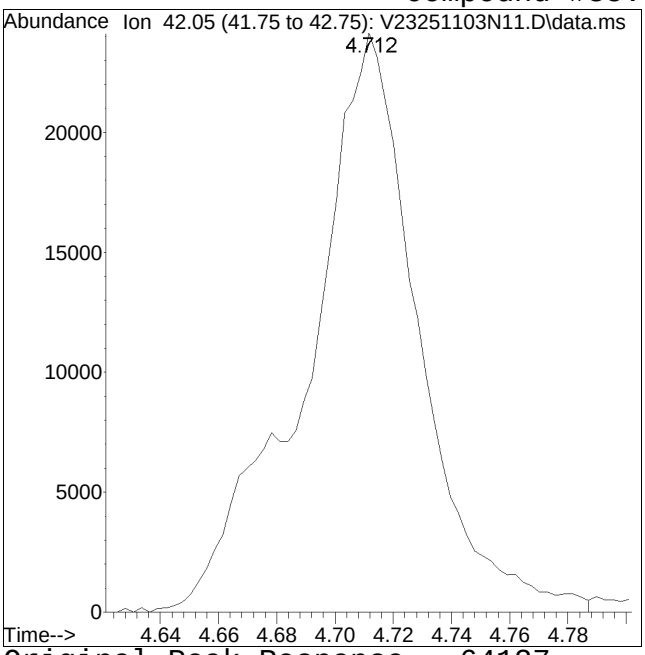
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

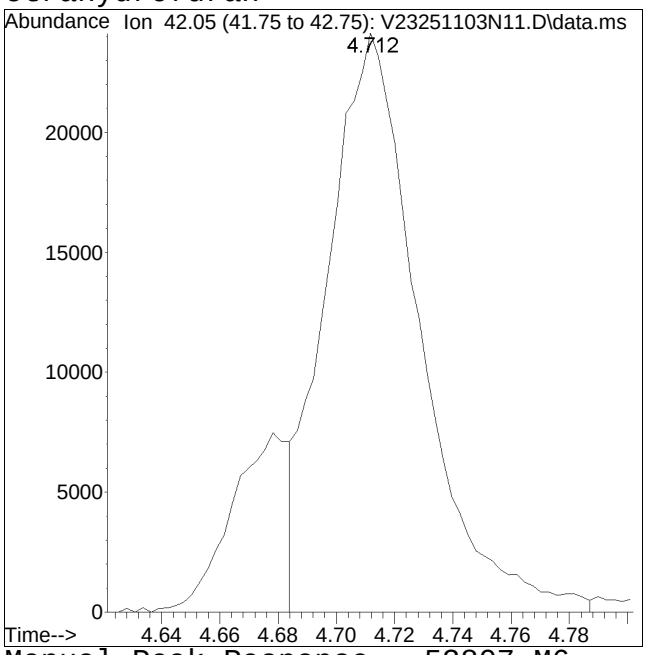
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N11.D
Date Inj'd : 11/3/2025 11:19 pm
Sample : I8260STD100PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:15 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 64127



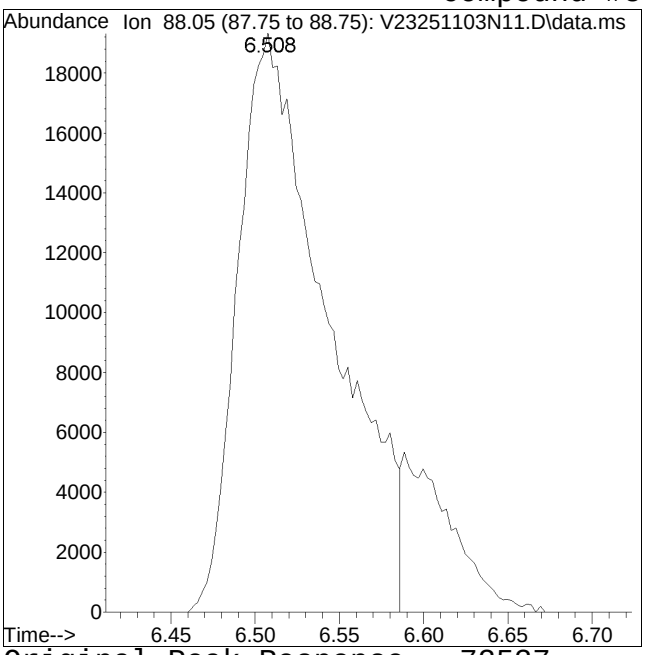
Manual Peak Response = 53807 M6

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

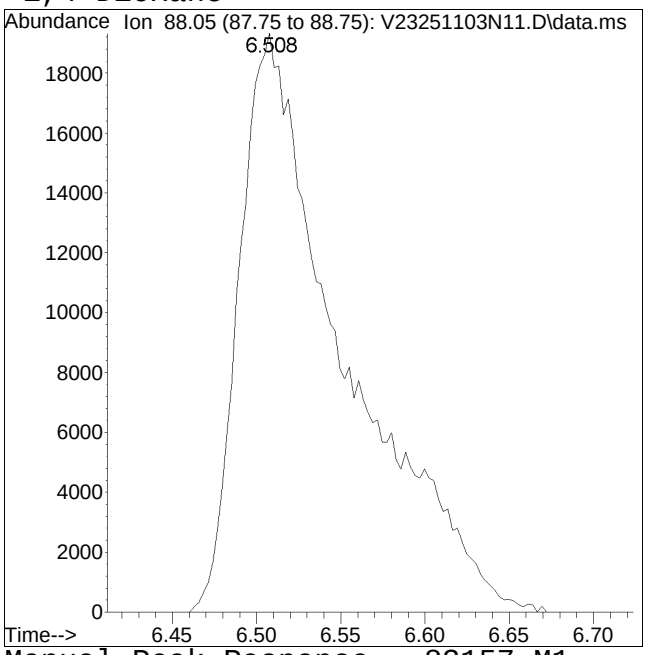
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N11.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 11:19 pm Instrument : VOA123
Sample : I8260STD100PPB Quant Date : 11/4/2025 12:15 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 72537



Manual Peak Response = 83157 M1

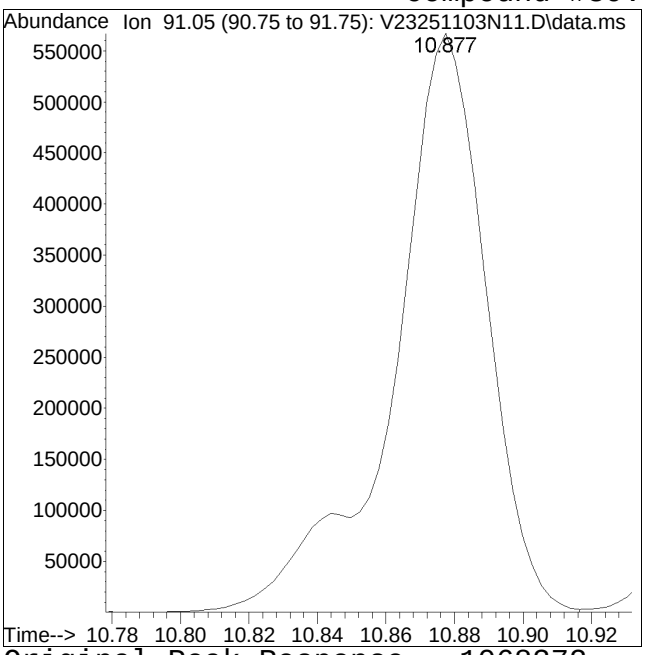
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

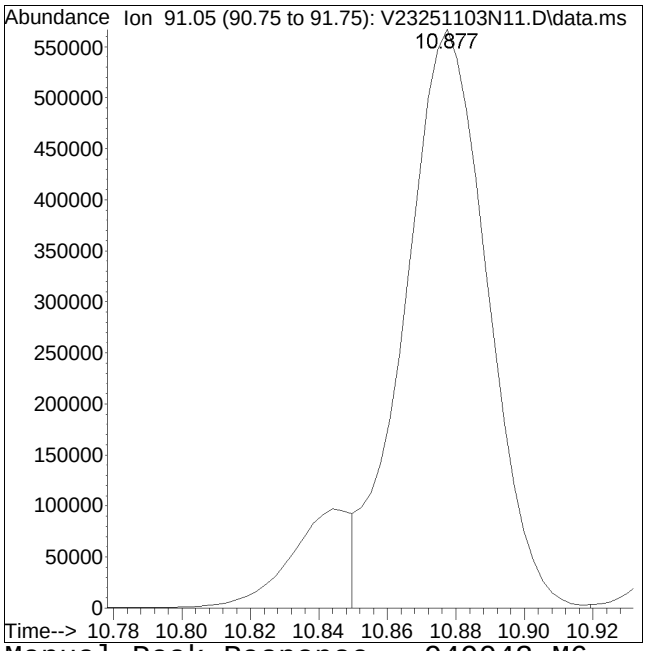
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N11.D
Date Inj'd : 11/3/2025 11:19 pm
Sample : I8260STD100PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:15 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 1068372



Manual Peak Response = 949043 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N12.D
Acq On : 03 Nov 2025 11:45 pm
Operator : VOA123:AJK
Sample : I8260STD200PPB
Misc : WG2136903,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 12:31:18 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.520	96	199708	20.000	ug/L	0.00
Standard Area 1 = 201320			Recovery = 99.20%			
59) Chlorobenzene-d5	8.989	117	146399	20.000	ug/L	0.00
Standard Area 1 = 146207			Recovery = 100.13%			
79) 1,4-Dichlorobenzene-d4	11.800	152	81102	20.000	ug/L	0.00
Standard Area 1 = 79326			Recovery = 102.24%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.731	113	51051	20.015	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.08%			
43) 1,2-Dichloroethane-d4	5.239	65	51965	20.313	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.57%			
60) Toluene-d8	7.177	98	195990	19.857	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.28%			
83) 4-Bromofluorobenzene	10.537	95	70580	19.404	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	462344M1	204.716	ug/L	
3) Chloromethane	1.661	50	496900	203.034	ug/L	98
4) Vinyl chloride	1.691	62	559256	205.923	ug/L	88
5) Bromomethane	1.962	94	393311	239.663	ug/L	100
6) Chloroethane	2.065	64	410097	225.887	ug/L	92
7) Trichlorofluoromethane	2.191	101	847664M1	210.944	ug/L	
8) Ethyl ether	2.453	74	278577	204.460	ug/L	92
10) 1,1-Dichloroethene	2.628	96	444319	209.035	ug/L	91
11) Carbon disulfide	2.654	76	1520748	207.142	ug/L	99
12) Freon-113	2.662	101	445990	205.892	ug/L	97
14) Acrolein	2.916	56	54123	206.941	ug/L	100
15) Methylene chloride	3.130	84	536018	198.523	ug/L	93
17) Acetone	3.169	43	115149	175.604	ug/L	91
18) trans-1,2-Dichloroethene	3.275	96	517294	203.445	ug/L	96
19) Methyl acetate	3.281	43	214012	198.153	ug/L #	90
20) Methyl tert-butyl ether	3.365	73	1444644	202.633	ug/L	96
21) tert-Butyl alcohol	3.446	59	205764M1	998.964	ug/L	
22) Diisopropyl ether	3.702	45	1566612	203.382	ug/L	96
23) 1,1-Dichloroethane	3.819	63	940686	202.506	ug/L	100
24) Halothane	3.872	117	386362	207.264	ug/L	99
25) Acrylonitrile	3.858	53	116965	213.063	ug/L #	90

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N12.D
Acq On : 03 Nov 2025 11:45 pm
Operator : VOA123:AJK
Sample : I8260STD200PPB
Misc : WG2136903,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 12:31:18 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.031	59	1619775	207.336	ug/L		93
27) Vinyl acetate	4.042	43	1103338	204.414	ug/L		96
28) cis-1,2-Dichloroethene	4.310	96	582176	200.674	ug/L		96
29) 2,2-Dichloropropane	4.408	77	770084	202.865	ug/L		92
30) Bromochloromethane	4.494	128	257552	195.277	ug/L		99
31) Cyclohexane	4.502	56	768966	201.461	ug/L		97
32) Chloroform	4.567	83	969807	197.514	ug/L		96
33) Ethyl acetate	4.675	43	355776	199.754	ug/L		100
34) Carbon tetrachloride	4.695	117	747070	204.663	ug/L		99
35) Tetrahydrofuran	4.709	42	105313M6	193.764	ug/L		
37) 1,1,1-Trichloroethane	4.759	97	813007	200.645	ug/L		98
39) 2-Butanone	4.845	43	138222	196.687	ug/L	#	78
40) 1,1-Dichloropropene	4.876	75	627318	200.783	ug/L		100
41) Benzene	5.110	78	1961273	198.708	ug/L		97
42) tert-Amyl methyl ether	5.222	73	1425752	203.799	ug/L		97
44) 1,2-Dichloroethane	5.306	62	697920	199.451	ug/L		98
47) Methyl cyclohexane	5.685	83	853534	204.275	ug/L		93
48) Trichloroethene	5.693	95	559532	205.975	ug/L		99
50) Dibromomethane	6.114	93	324317	204.296	ug/L		100
51) 1,2-Dichloropropane	6.217	63	532590	200.843	ug/L		99
53) 2-Chloroethyl vinyl ether	6.909	63	237623	200.026	ug/L		96
54) Bromodichloromethane	6.290	83	789619	205.066	ug/L		99
57) 1,4-Dioxane	6.510	88	156484	9631.352	ug/L		96
58) cis-1,3-Dichloropropene	6.973	75	892210	204.669	ug/L	#	91
61) Toluene	7.233	92	1296744	201.959	ug/L		100
62) 4-Methyl-2-pentanone	7.665	58	150378	206.996	ug/L		90
63) Tetrachloroethene	7.673	166	581434	202.087	ug/L		97
65) trans-1,3-Dichloropropene	7.709	75	783040	205.180	ug/L		98
67) Ethyl methacrylate	7.910	69	591792	206.150	ug/L		93
68) 1,1,2-Trichloroethane	7.888	83	369385	199.789	ug/L		99
69) Chlorodibromomethane	8.094	129	591897	209.794	ug/L		98
70) 1,3-Dichloropropane	8.206	76	730107	198.078	ug/L		100
71) 1,2-Dibromoethane	8.359	107	444371	201.694	ug/L		99
72) 2-Hexanone	8.663	43	245739	210.131	ug/L		94
73) Chlorobenzene	9.012	112	1526570	203.385	ug/L	#	87
74) Ethylbenzene	9.056	91	2550267	203.354	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.095	131	588661	207.129	ug/L		99
76) p/m Xylene	9.243	106	2017346	412.560	ug/L		99
77) o Xylene	9.787	106	2036509	416.193	ug/L		99
78) Styrene	9.857	104	3545765	423.978	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N12.D
Acq On : 03 Nov 2025 11:45 pm
Operator : VOA123:AJK
Sample : I8260STD200PPB
Misc : WG2136903,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 12:31:18 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.871	173	412010	223.972	ug/L	100
82) Isopropylbenzene	10.197	105	2557289	200.669	ug/L	100
84) Bromobenzene	10.649	156	687588	201.170	ug/L	100
85) n-Propylbenzene	10.710	91	3029825	199.642	ug/L	99
86) 1,4-Dichlorobutane	10.718	55	766743	202.937	ug/L	95
87) 1,1,2,2-Tetrachloroethane	10.805	83	552203	196.796	ug/L	100
88) 4-Ethyltoluene	10.847	105	2532169	198.855	ug/L	100
89) 2-Chlorotoluene	10.880	91	1862393M6	199.482	ug/L	
90) 1,3,5-Trimethylbenzene	10.953	105	2232933	199.619	ug/L	98
91) 1,2,3-Trichloropropane	10.942	75	427101	198.058	ug/L	98
92) trans-1,4-Dichloro-2-b...	11.006	53	156048	203.548	ug/L	88
93) 4-Chlorotoluene	11.073	91	1910988	198.595	ug/L	99
94) tert-Butylbenzene	11.301	119	1861977	197.433	ug/L	97
97) 1,2,4-Trimethylbenzene	11.385	105	2245861	201.544	ug/L	99
98) sec-Butylbenzene	11.499	105	2808272	199.054	ug/L	99
99) p-Isopropyltoluene	11.664	119	2454101	200.017	ug/L	99
100) 1,3-Dichlorobenzene	11.722	146	1320107	202.197	ug/L	100
101) 1,4-Dichlorobenzene	11.820	146	1313038	198.659	ug/L	99
102) p-Diethylbenzene	12.051	119	1476499	202.322	ug/L	100
103) n-Butylbenzene	12.107	91	2201847	199.284	ug/L	99
104) 1,2-Dichlorobenzene	12.249	146	1226996	199.457	ug/L	100
105) 1,2,4,5-Tetramethylben...	12.863	119	2403652	201.670	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.044	155	90619	213.000	ug/L	99
107) 1,3,5-Trichlorobenzene	13.083	180	998537	198.400	ug/L	100
108) Hexachlorobutadiene	13.669	225	495944	198.218	ug/L	99
109) 1,2,4-Trichlorobenzene	13.686	180	862275	192.022	ug/L	99
110) Naphthalene	13.978	128	1587112	187.811	ug/L	100
111) 1,2,3-Trichlorobenzene	14.148	180	716571	184.460	ug/L	99

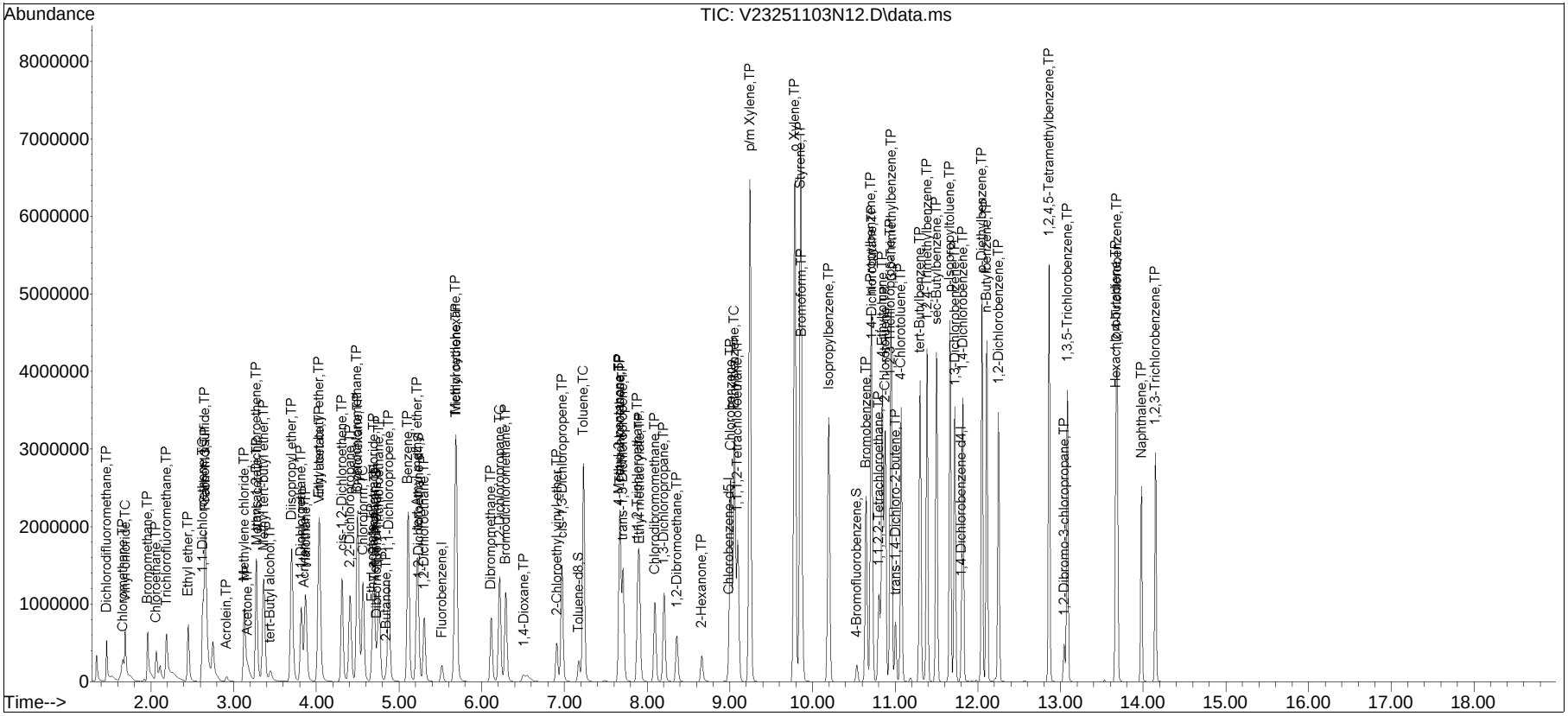
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N12.D
Acq On : 03 Nov 2025 11:45 pm
Operator : VOA123:AJK
Sample : I8260STD200PPB
Misc : WG2136903,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 12:31:18 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

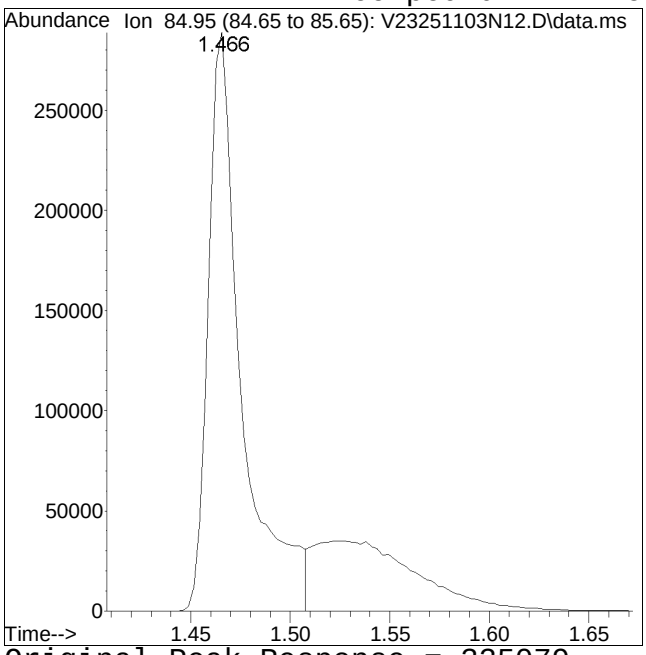
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•

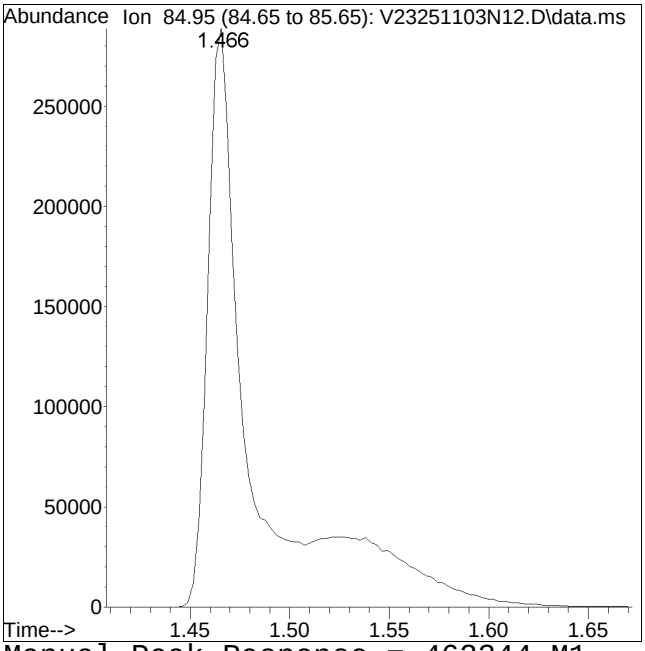


Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N12.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 11:45 pm Instrument : VOA123
Sample : I8260STD200PPB Quant Date : 11/4/2025 12:15 pm

Compound #2: Dichlorodifluoromethane





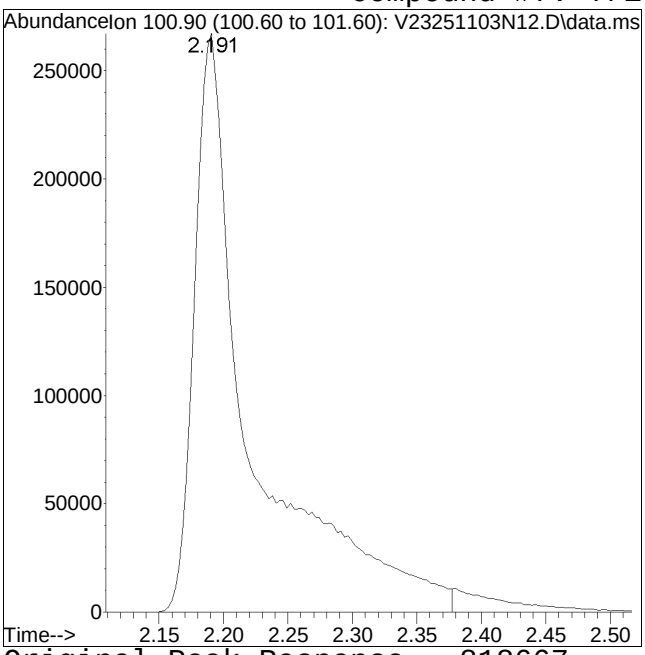
Original Peak Response = 335079 Manual Peak Response = 462344 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

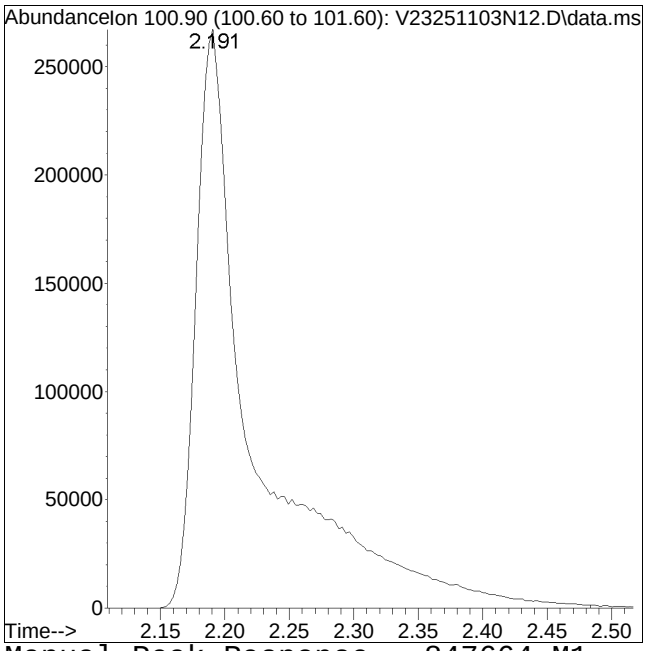
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N12.D
Date Inj'd : 11/3/2025 11:45 pm
Sample : I8260STD200PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:15 pm

Compound #7: Trichlorofluoromethane



Original Peak Response = 818667



Manual Peak Response = 847664 M1

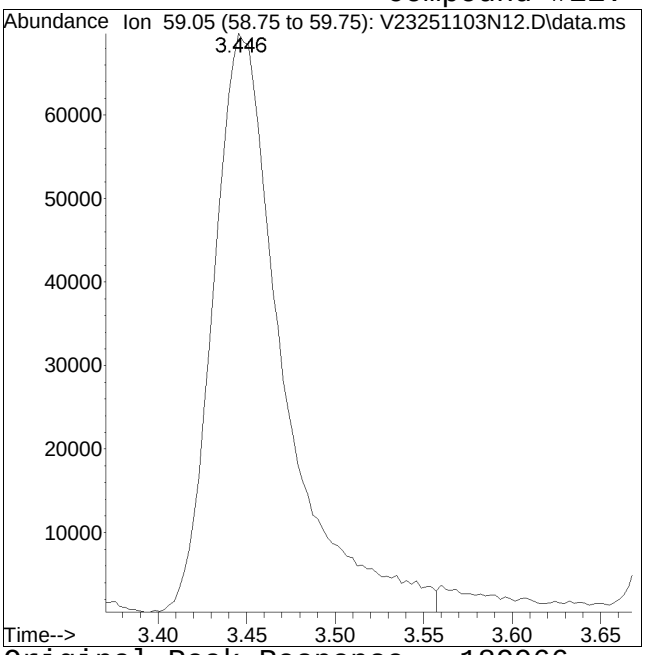
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

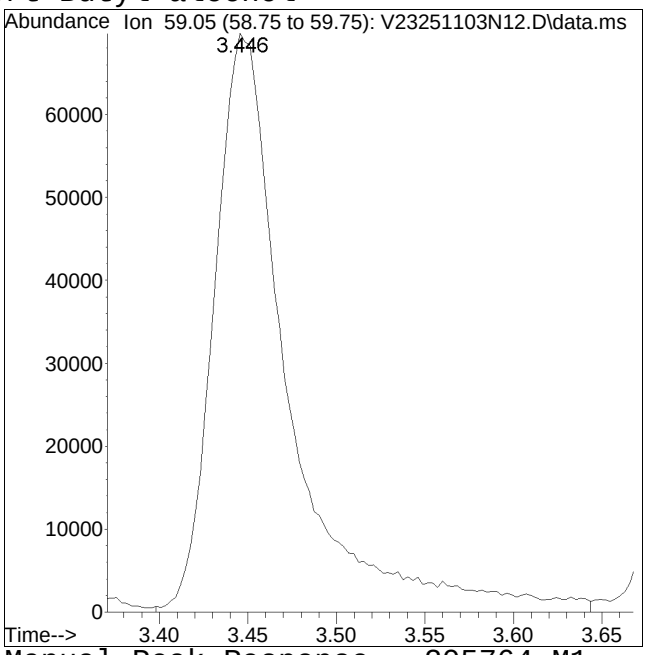
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N12.D
Date Inj'd : 11/3/2025 11:45 pm
Sample : I8260STD200PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:15 pm

Compound #21: tert-Butyl alcohol



Original Peak Response = 189966



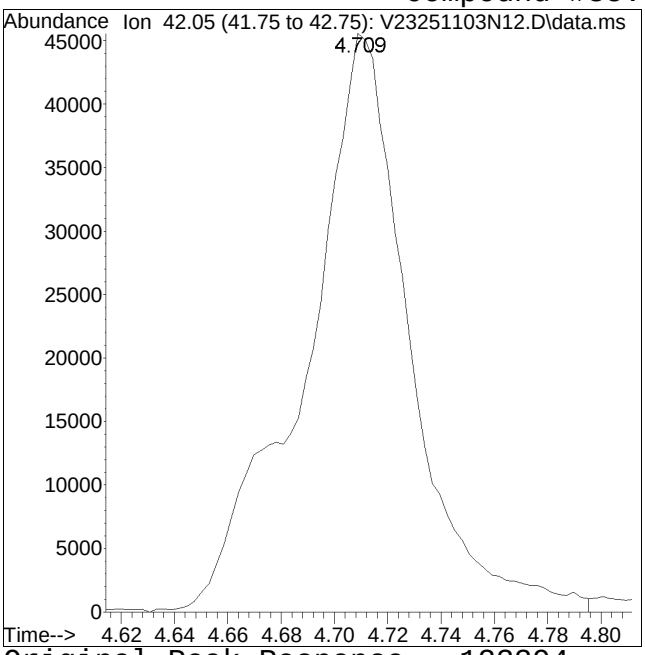
Manual Peak Response = 205764 M1

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

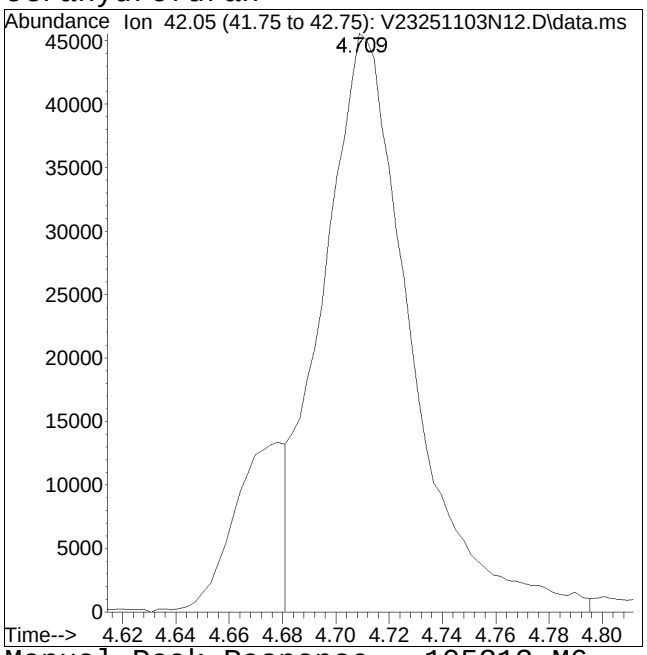
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N12.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 11:45 pm Instrument : VOA123
Sample : I8260STD200PPB Quant Date : 11/4/2025 12:15 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 123394



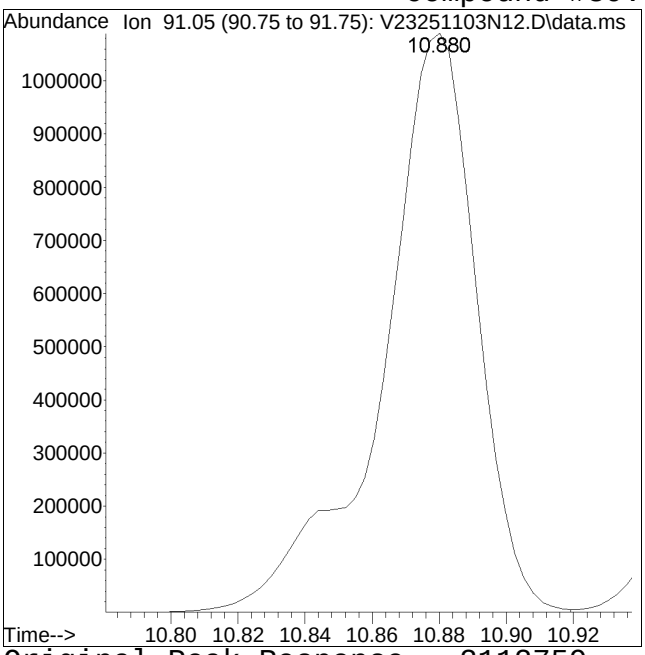
Manual Peak Response = 105313 M6

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

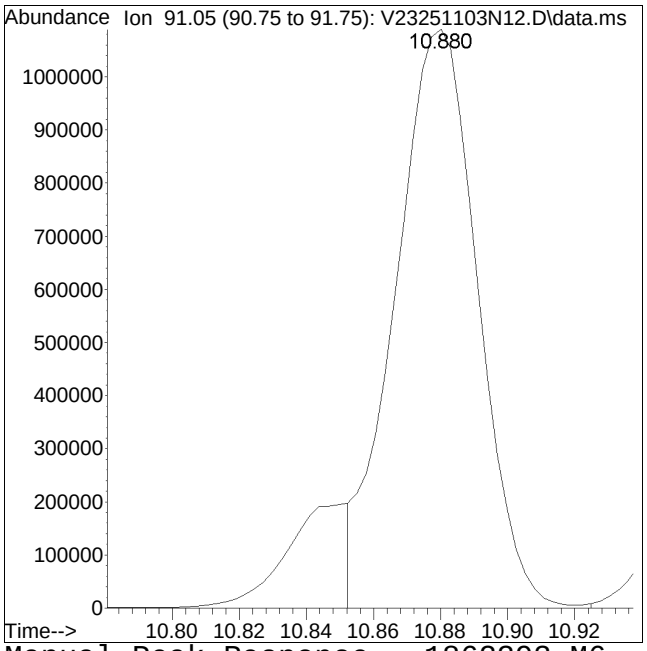
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N12.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 11:45 pm Instrument : VOA123
Sample : I8260STD200PPB Quant Date : 11/4/2025 12:15 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 2112759



Manual Peak Response = 1862393 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N13.D
Acq On : 04 Nov 2025 12:11 am
Operator : VOA123:AJK
Sample : I8260STD300PPB
Misc : WG2136903,ICAL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 04 12:32:21 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.521	96	201463	20.000	ug/L	0.00
Standard Area 1 = 201320			Recovery = 100.07%			
59) Chlorobenzene-d5	8.990	117	150409	20.000	ug/L	0.00
Standard Area 1 = 146207			Recovery = 102.87%			
79) 1,4-Dichlorobenzene-d4	11.803	152	84641	20.000	ug/L	0.00
Standard Area 1 = 79326			Recovery = 106.70%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.734	113	51373	19.966	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.83%			
43) 1,2-Dichloroethane-d4	5.239	65	54751	21.215	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.08%			
60) Toluene-d8	7.174	98	199909	19.714	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.57%			
83) 4-Bromofluorobenzene	10.540	95	71903	18.941	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	727258M1	319.208	ug/L	
3) Chloromethane	1.661	50	789094	319.617	ug/L	98
4) Vinyl chloride	1.692	62	894283	326.414	ug/L	86
5) Bromomethane	1.962	94	648158	391.512	ug/L	100
6) Chloroethane	2.063	64	633645	345.980	ug/L	94
7) Trichlorofluoromethane	2.188	101	1361908M1	335.962	ug/L	
8) Ethyl ether	2.453	74	433528	315.413	ug/L	92
10) 1,1-Dichloroethene	2.629	96	717126	334.442	ug/L	93
11) Carbon disulfide	2.654	76	2427205	327.731	ug/L	100
12) Freon-113	2.662	101	735516	336.593	ug/L	98
14) Acrolein	2.913	56	88254M1	334.502	ug/L	
15) Methylene chloride	3.131	84	839701	308.288	ug/L	93
17) Acetone	3.170	43	174302	263.497	ug/L	91
18) trans-1,2-Dichloroethene	3.276	96	818526	319.111	ug/L	96
19) Methyl acetate	3.281	43	320966	294.593	ug/L #	90
20) Methyl tert-butyl ether	3.365	73	2224050	309.238	ug/L	96
21) tert-Butyl alcohol	3.449	59	305294	1469.261	ug/L	98
22) Diisopropyl ether	3.702	45	2425586	312.154	ug/L	96
23) 1,1-Dichloroethane	3.819	63	1435615	306.359	ug/L	100
24) Halothane	3.870	117	614514	326.785	ug/L	100
25) Acrylonitrile	3.861	53	172423	311.349	ug/L #	89

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N13.D
Acq On : 04 Nov 2025 12:11 am
Operator : VOA123:AJK
Sample : I8260STD300PPB
Misc : WG2136903,ICAL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 04 12:32:21 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.031	59	2521122	319.900	ug/L		93
27) Vinyl acetate	4.040	43	1713568	314.705	ug/L		96
28) cis-1,2-Dichloroethene	4.310	96	913589	312.167	ug/L		96
29) 2,2-Dichloropropane	4.405	77	1231354	321.553	ug/L		92
30) Bromochloromethane	4.494	128	398969	299.865	ug/L		97
31) Cyclohexane	4.503	56	1254374	325.771	ug/L		97
32) Chloroform	4.564	83	1517220	306.310	ug/L		96
33) Ethyl acetate	4.676	43	550582	306.436	ug/L		100
34) Carbon tetrachloride	4.695	117	1225429	332.788	ug/L		100
35) Tetrahydrofuran	4.712	42	164193M6	299.464	ug/L		
37) 1,1,1-Trichloroethane	4.756	97	1296088	317.080	ug/L		98
39) 2-Butanone	4.846	43	210501	296.929	ug/L	#	78
40) 1,1-Dichloropropene	4.876	75	1005000	318.864	ug/L		100
41) Benzene	5.111	78	3096905	311.033	ug/L		97
42) tert-Amyl methyl ether	5.222	73	2222272	314.887	ug/L		97
44) 1,2-Dichloroethane	5.306	62	1082721	306.724	ug/L		99
47) Methyl cyclohexane	5.685	83	1411887	334.962	ug/L		93
48) Trichloroethene	5.693	95	903213	329.595	ug/L		99
50) Dibromomethane	6.114	93	505172	315.449	ug/L		100
51) 1,2-Dichloropropane	6.218	63	832186	311.089	ug/L		99
53) 2-Chloroethyl vinyl ether	6.909	63	366197	305.571	ug/L		95
54) Bromodichloromethane	6.293	83	1245918	320.749	ug/L		99
57) 1,4-Dioxane	6.511	88	240474	14671.875	ug/L		95
58) cis-1,3-Dichloropropene	6.971	75	1393914	316.972	ug/L	#	90
61) Toluene	7.233	92	2081494	315.536	ug/L		99
62) 4-Methyl-2-pentanone	7.662	58	231704	310.438	ug/L		90
63) Tetrachloroethene	7.673	166	955613	323.284	ug/L		98
65) trans-1,3-Dichloropropene	7.710	75	1227079	312.959	ug/L		99
67) Ethyl methacrylate	7.910	69	918146	311.308	ug/L		93
68) 1,1,2-Trichloroethane	7.888	83	574101	302.235	ug/L		99
69) Chlorodibromomethane	8.097	129	926001	319.465	ug/L		98
70) 1,3-Dichloropropane	8.206	76	1125431	297.189	ug/L		100
71) 1,2-Dibromoethane	8.359	107	686896	303.461	ug/L		99
72) 2-Hexanone	8.661	43	375134	312.224	ug/L		94
73) Chlorobenzene	9.015	112	2406891	312.121	ug/L		88
74) Ethylbenzene	9.059	91	4071347	315.987	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.098	131	923877	316.413	ug/L		99
76) p/m Xylene	9.246	106	3249634	646.853	ug/L		100
77) o Xylene	9.790	106	3255458	647.568	ug/L		100
78) Styrene	9.860	104	5618589	653.921	ug/L		97

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N13.D
Acq On : 04 Nov 2025 12:11 am
Operator : VOA123:AJK
Sample : I8260STD300PPB
Misc : WG2136903,ICAL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 04 12:32:21 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.874	173	654827	341.086	ug/L	100
82) Isopropylbenzene	10.200	105	4099759	308.254	ug/L	100
84) Bromobenzene	10.649	156	1083194	303.663	ug/L	99
85) n-Propylbenzene	10.713	91	4851336	306.300	ug/L	99
86) 1,4-Dichlorobutane	10.721	55	1195213	303.115	ug/L	95
87) 1,1,2,2-Tetrachloroethane	10.805	83	849870	290.215	ug/L	100
88) 4-Ethyltoluene	10.847	105	4030052	303.253	ug/L	100
89) 2-Chlorotoluene	10.880	91	2970580M6	304.877	ug/L	
90) 1,3,5-Trimethylbenzene	10.953	105	3579288	306.601	ug/L	99
91) 1,2,3-Trichloropropane	10.942	75	663351	294.751	ug/L	98
92) trans-1,4-Dichloro-2-b...	11.003	53	242525	303.122	ug/L	88
93) 4-Chlorotoluene	11.076	91	3024924	301.215	ug/L	99
94) tert-Butylbenzene	11.301	119	3056313	310.523	ug/L	97
97) 1,2,4-Trimethylbenzene	11.388	105	3597453	309.337	ug/L	100
98) sec-Butylbenzene	11.502	105	4572992	310.587	ug/L	99
99) p-Isopropyltoluene	11.667	119	3991367	311.707	ug/L	98
100) 1,3-Dichlorobenzene	11.723	146	2090610	306.824	ug/L	99
101) 1,4-Dichlorobenzene	11.820	146	2064492	299.292	ug/L	100
102) p-Diethylbenzene	12.052	119	2387758	313.510	ug/L	99
103) n-Butylbenzene	12.110	91	3518824	305.165	ug/L	99
104) 1,2-Dichlorobenzene	12.250	146	1933815	301.211	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.863	119	3849834	309.502	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.044	155	143429	323.034	ug/L	99
107) 1,3,5-Trichlorobenzene	13.083	180	1570930	299.079	ug/L	100
108) Hexachlorobutadiene	13.669	225	816961	312.869	ug/L	99
109) 1,2,4-Trichlorobenzene	13.689	180	1342106	286.380	ug/L	100
110) Naphthalene	13.979	128	2477509	280.918	ug/L	100
111) 1,2,3-Trichlorobenzene	14.149	180	1095389	270.186	ug/L	100

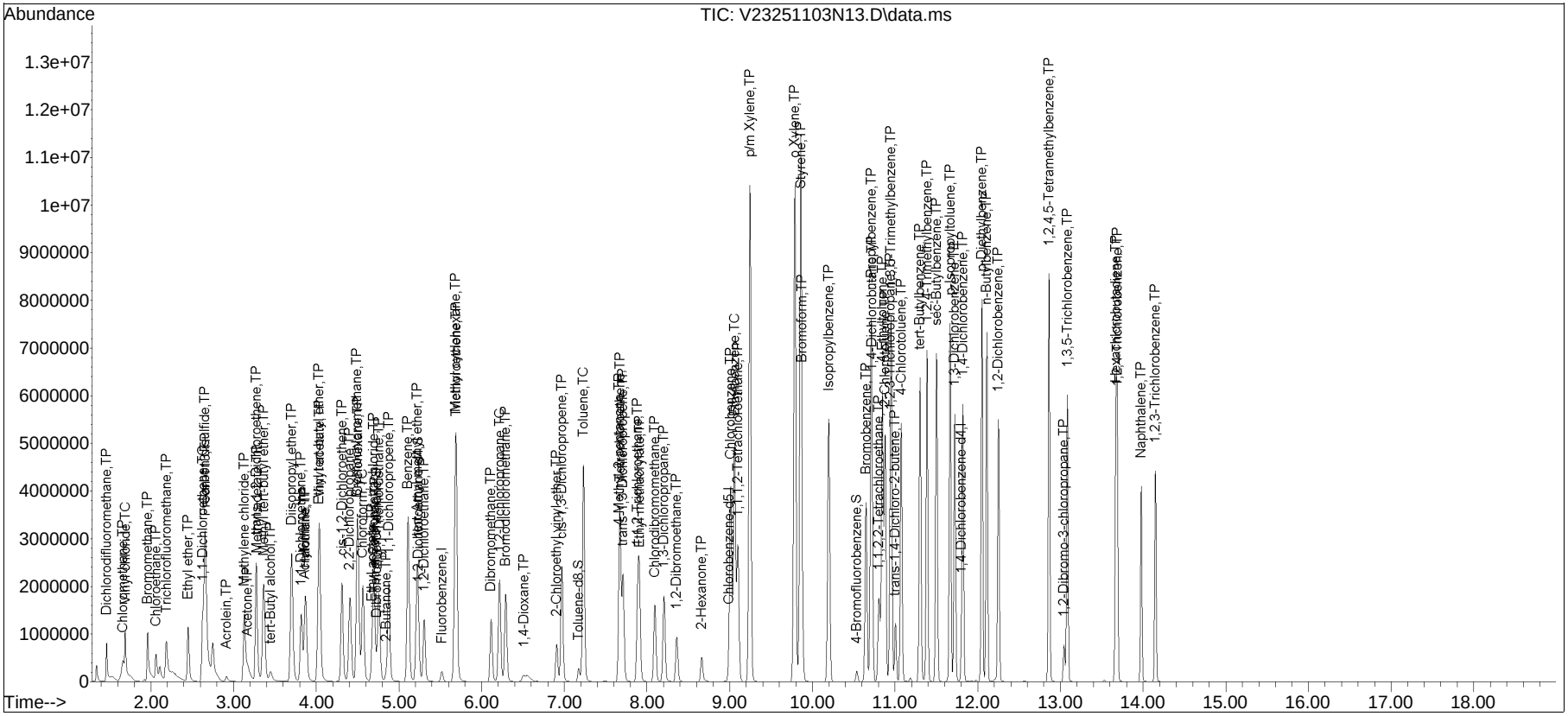
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N13.D
Acq On : 04 Nov 2025 12:11 am
Operator : VOA123:AJK
Sample : I8260STD300PPB
Misc : WG2136903,ICAL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 04 12:32:21 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•

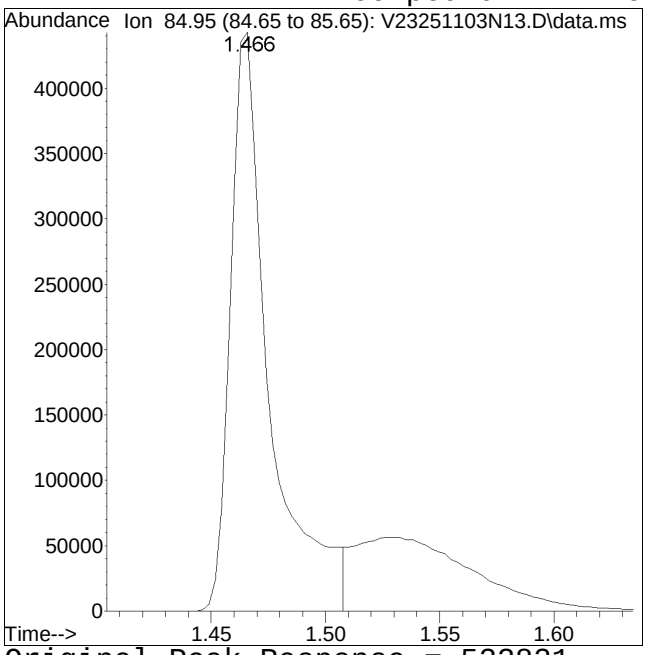


Manual Integration Report

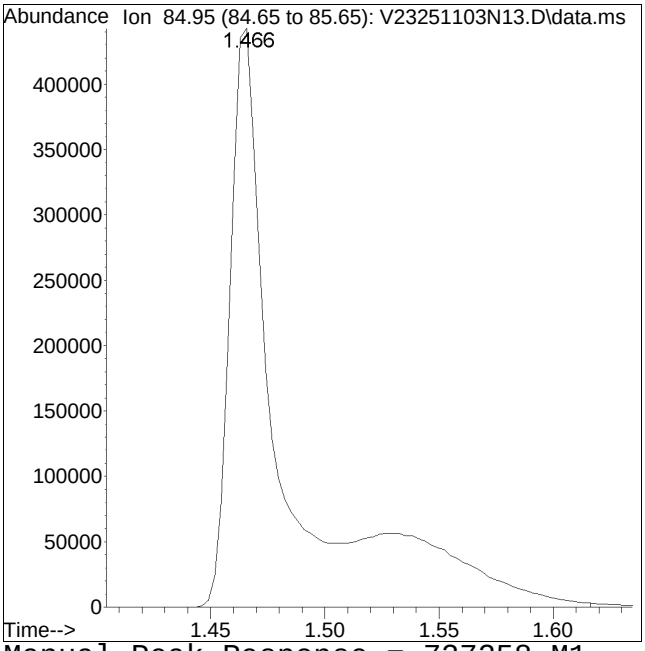
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N13.D
Date Inj'd : 11/4/2025 12:11 am
Sample : I8260STD300PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:15 pm

Compound #2: Dichlorodifluoromethane



Original Peak Response = 523821



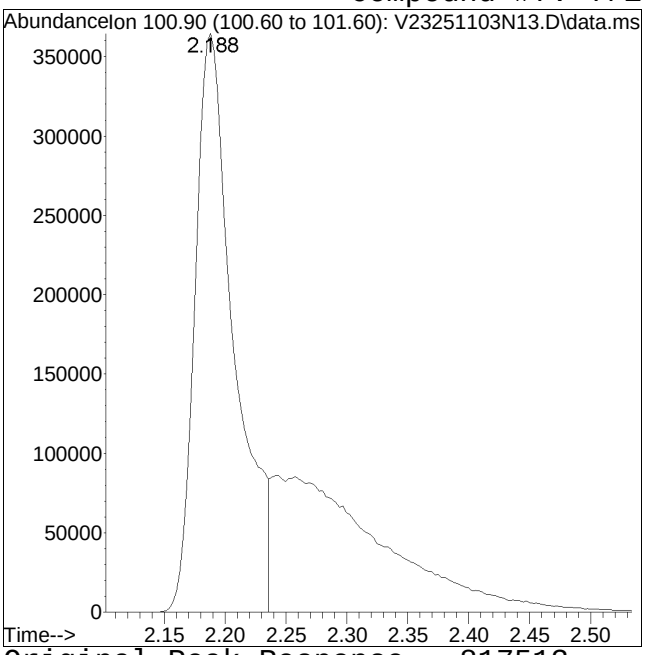
Manual Peak Response = 727258 M1

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

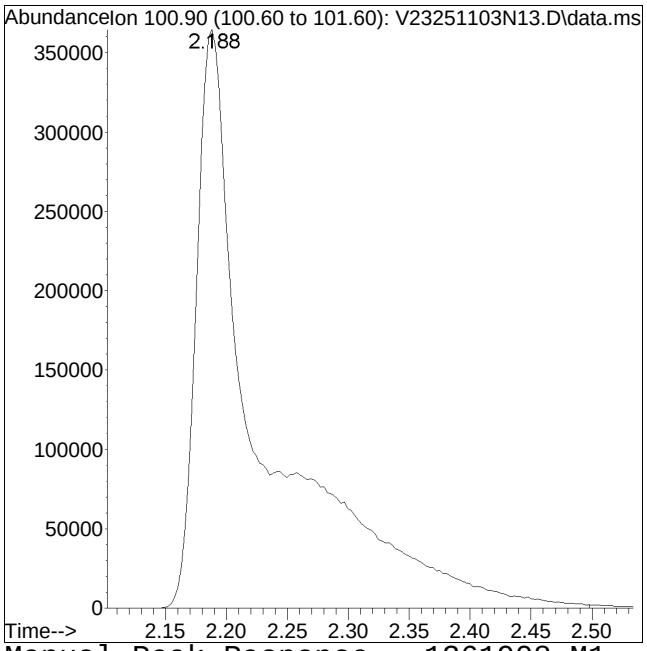
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N13.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 12:11 am Instrument : VOA123
Sample : I8260STD300PPB Quant Date : 11/4/2025 12:15 pm

Compound #7: Trichlorofluoromethane



Original Peak Response = 817513



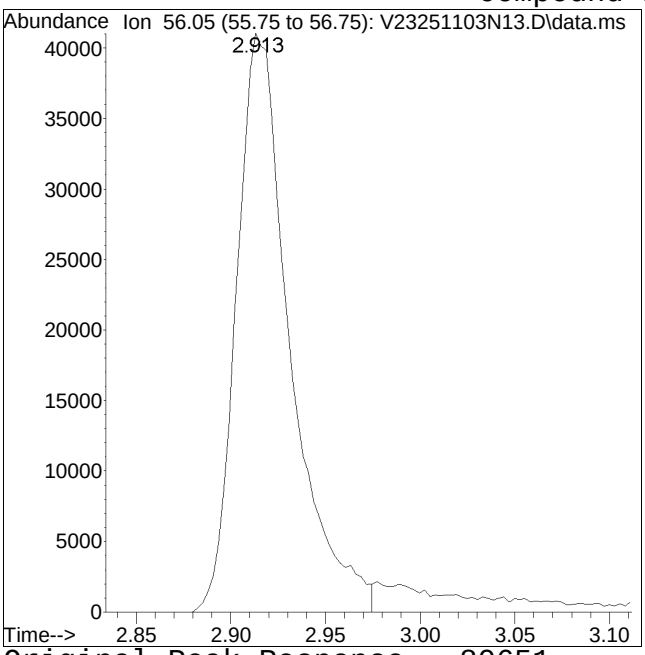
Manual Peak Response = 1361908 M1

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

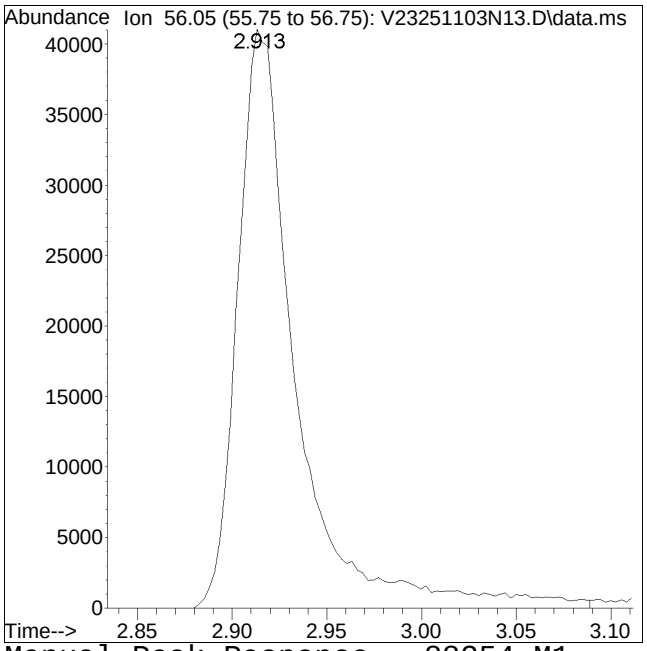
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N13.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 12:11 am Instrument : VOA123
Sample : I8260STD300PPB Quant Date : 11/4/2025 12:15 pm

Compound #14: Acrolein



Original Peak Response = 80651



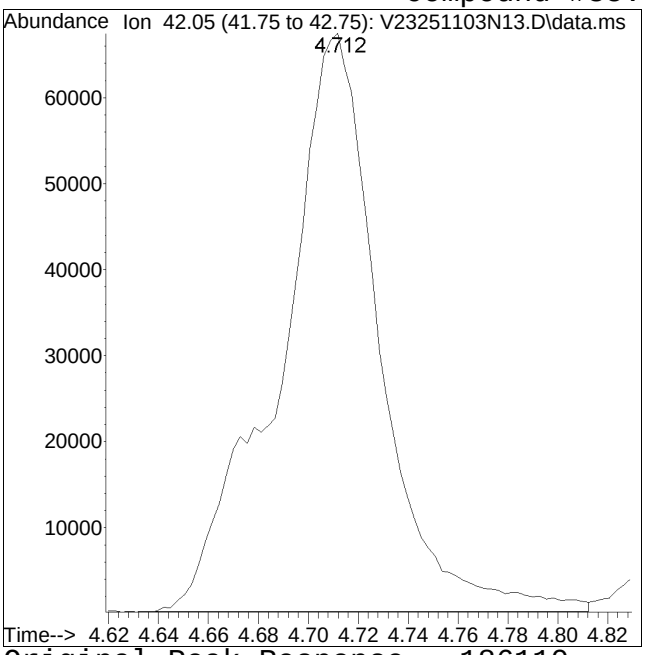
Manual Peak Response = 88254 M1

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

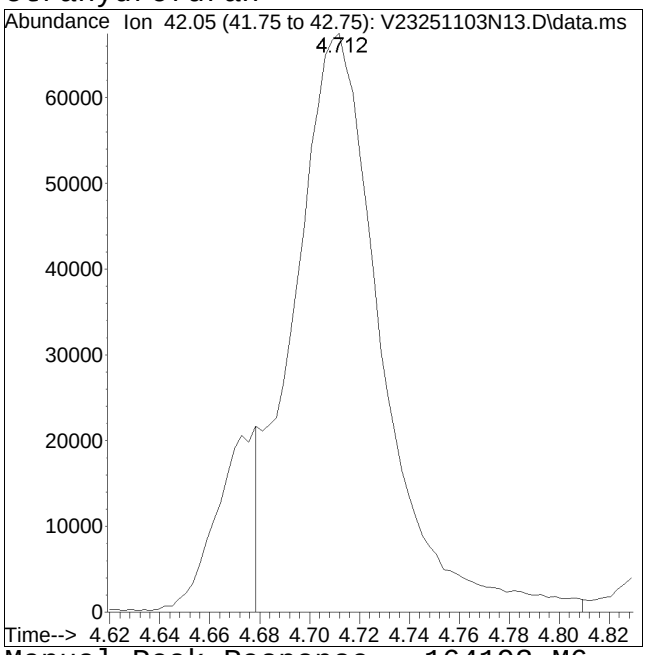
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N13.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 12:11 am Instrument : VOA123
Sample : I8260STD300PPB Quant Date : 11/4/2025 12:15 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 186110



Manual Peak Response = 164193 M6

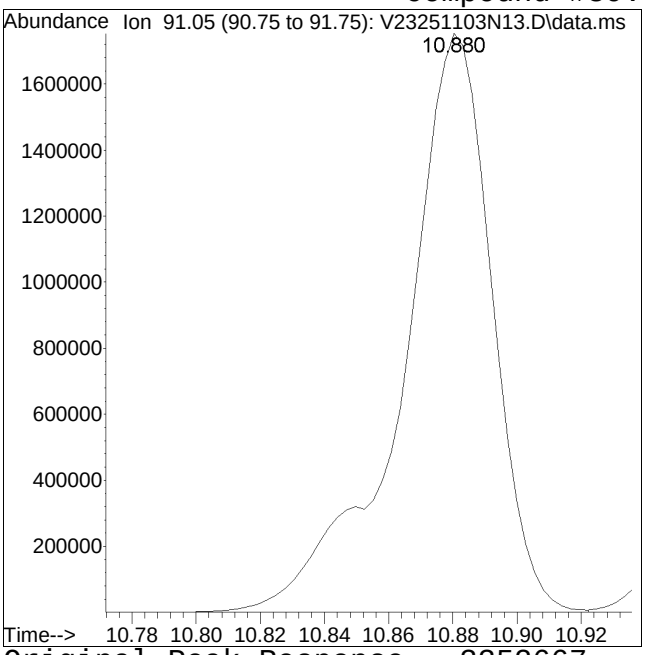
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

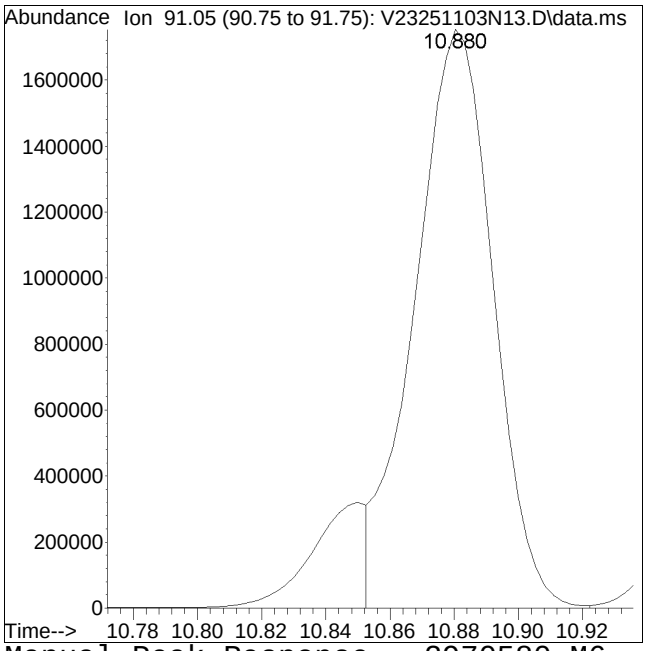
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N13.D
Date Inj'd : 11/4/2025 12:11 am
Sample : I8260STD300PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:15 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 3352667



Manual Peak Response = 2970580 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N16.D
Acq On : 04 Nov 2025 01:29 am
Operator : VOA123:AJK
Sample : C8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 04 12:38:33 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.520	96	195469	20.000	ug/L	0.00
Standard Area 1 = 201320			Recovery = 97.09%			
59) Chlorobenzene-d5	8.989	117	141227	20.000	ug/L	0.00
Standard Area 1 = 146207			Recovery = 96.59%			
79) 1,4-Dichlorobenzene-d4	11.800	152	76775	20.000	ug/L	0.00
Standard Area 1 = 79326			Recovery = 96.78%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.737	113	50629	20.563	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.81%			
43) 1,2-Dichloroethane-d4	5.239	65	49500	19.641	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.20%			
60) Toluene-d8	7.174	98	190486	19.945	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.72%			
83) 4-Bromofluorobenzene	10.537	95	68862	20.062	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.31%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	121222M1	56.304	ug/L	
3) Chloromethane	1.661	50	109606	46.806	ug/L	99
4) Vinyl chloride	1.692	62	123491M1	48.584	ug/L	
5) Bromomethane	1.962	94	85171	52.387	ug/L	99
6) Chloroethane	2.071	64	78440	44.527	ug/L	97
7) Trichlorofluoromethane	2.191	101	183671M1	47.772	ug/L	
8) Ethyl ether	2.453	74	52355	40.724	ug/L	93
10) 1,1-Dichloroethene	2.628	96	86508	42.529	ug/L	94
11) Carbon disulfide	2.656	76	308524	41.171	ug/L	99
12) Freon-113	2.665	101	92990	45.058	ug/L	97
14) Acrolein	2.919	56	11331M1	44.229	ug/L	
15) Methylene chloride	3.130	84	105504	39.956	ug/L	93
17) Acetone	3.170	43	19462M1	28.998	ug/L	
18) trans-1,2-Dichloroethene	3.275	96	100449	42.242	ug/L	95
19) Methyl acetate	3.281	43	42281	41.550	ug/L #	90
20) Methyl tert-butyl ether	3.365	73	258421	38.110	ug/L	95
21) tert-Butyl alcohol	3.448	59	38774	208.648	ug/L	96
22) Diisopropyl ether	3.705	45	291971	39.851	ug/L	95
23) 1,1-Dichloroethane	3.819	63	186559	42.663	ug/L	99
24) Halothane	3.872	117	74206	41.901	ug/L	100
25) Acrylonitrile	3.867	53	21339	40.487	ug/L #	90

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N16.D
Acq On : 04 Nov 2025 01:29 am
Operator : VOA123:AJK
Sample : C8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 04 12:38:33 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.034	59	304160	40.966	ug/L		92
27) Vinyl acetate	4.045	43	202593	40.060	ug/L		95
28) cis-1,2-Dichloroethene	4.313	96	109610	40.219	ug/L		96
29) 2,2-Dichloropropane	4.410	77	149508	41.541	ug/L		92
30) Bromochloromethane	4.494	128	49800	40.916	ug/L		98
31) Cyclohexane	4.503	56	149034	40.892	ug/L		97
32) Chloroform	4.567	83	193041	36.094	ug/L		97
33) Ethyl acetate	4.675	43	70613	41.276	ug/L		99
34) Carbon tetrachloride	4.698	117	146866	42.386	ug/L		98
35) Tetrahydrofuran	4.714	42	21600M1	39.865	ug/L		
37) 1,1,1-Trichloroethane	4.756	97	164502	44.488	ug/L		97
39) 2-Butanone	4.848	43	30521	41.114	ug/L	#	86
40) 1,1-Dichloropropene	4.876	75	134978	46.886	ug/L		100
41) Benzene	5.110	78	391757	42.993	ug/L		97
42) tert-Amyl methyl ether	5.222	73	262409	39.827	ug/L		96
44) 1,2-Dichloroethane	5.306	62	138217	41.583	ug/L		98
47) Methyl cyclohexane	5.682	83	160279	40.721	ug/L		95
48) Trichloroethene	5.696	95	108351	43.319	ug/L		98
50) Dibromomethane	6.117	93	60910	40.985	ug/L		99
51) 1,2-Dichloropropane	6.218	63	105880	42.211	ug/L		99
53) 2-Chloroethyl vinyl ether	6.909	63	43190	41.680	ug/L		91
54) Bromodichloromethane	6.293	83	145777	41.392	ug/L		100
57) 1,4-Dioxane	6.505	88	33306M1	2289.743	ug/L		
58) cis-1,3-Dichloropropene	6.970	75	166343	42.932	ug/L	#	91
61) Toluene	7.230	92	252122	41.995	ug/L		100
62) 4-Methyl-2-pentanone	7.665	58	29122	45.560	ug/L		88
63) Tetrachloroethene	7.673	166	111203	43.060	ug/L		97
65) trans-1,3-Dichloropropene	7.709	75	147261	43.547	ug/L		99
67) Ethyl methacrylate	7.910	69	109326	42.879	ug/L		92
68) 1,1,2-Trichloroethane	7.891	83	70768	41.041	ug/L		99
69) Chlorodibromomethane	8.094	129	112016	45.221	ug/L		98
70) 1,3-Dichloropropane	8.206	76	142796	41.943	ug/L		100
71) 1,2-Dibromoethane	8.359	107	84915	44.365	ug/L		99
72) 2-Hexanone	8.663	43	49611	43.239	ug/L		91
73) Chlorobenzene	9.012	112	291055	42.422	ug/L		88
74) Ethylbenzene	9.054	91	489845	41.217	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.093	131	107450	42.861	ug/L		99
76) p/m Xylene	9.240	106	380708	85.676	ug/L		99
77) o Xylene	9.784	106	367411	81.927	ug/L		98
78) Styrene	9.854	104	627515	83.042	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N16.D
Acq On : 04 Nov 2025 01:29 am
Operator : VOA123:AJK
Sample : C8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 04 12:38:33 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.868	173	69118	41.475	ug/L	100
82) Isopropylbenzene	10.197	105	478845	41.607	ug/L	100
84) Bromobenzene	10.649	156	128191	41.319	ug/L	100
85) n-Propylbenzene	10.707	91	579715	42.313	ug/L	99
86) 1,4-Dichlorobutane	10.718	55	143117	40.933	ug/L	94
87) 1,1,2,2-Tetrachloroethane	10.802	83	103951	41.045	ug/L	100
88) 4-Ethyltoluene	10.844	105	480297	42.127	ug/L	99
89) 2-Chlorotoluene	10.877	91	397347	46.447	ug/L	94
90) 1,3,5-Trimethylbenzene	10.950	105	417265	41.258	ug/L	99
91) 1,2,3-Trichloropropane	10.939	75	82347	41.128	ug/L	98
92) trans-1,4-Dichloro-2-b...	11.003	53	29944	42.320	ug/L	83
93) 4-Chlorotoluene	11.073	91	359382	41.336	ug/L	99
94) tert-Butylbenzene	11.301	119	356663	42.120	ug/L	98
97) 1,2,4-Trimethylbenzene	11.385	105	434539	43.228	ug/L	99
98) sec-Butylbenzene	11.499	105	529556	41.804	ug/L	99
99) p-Isopropyltoluene	11.664	119	459575	41.890	ug/L	98
100) 1,3-Dichlorobenzene	11.720	146	243620	41.534	ug/L	99
101) 1,4-Dichlorobenzene	11.817	146	244242	40.642	ug/L	100
102) p-Diethylbenzene	12.049	119	259125	39.892	ug/L	99
103) n-Butylbenzene	12.107	91	424267	43.110	ug/L	99
104) 1,2-Dichlorobenzene	12.249	146	227859	41.443	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.860	119	439207	41.526	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.047	155	16589	42.811	ug/L	99
107) 1,3,5-Trichlorobenzene	13.083	180	176389	39.059	ug/L	99
108) Hexachlorobutadiene	13.672	225	93362	41.507	ug/L	99
109) 1,2,4-Trichlorobenzene	13.688	180	163838	41.349	ug/L	99
110) Naphthalene	13.978	128	324155	42.688	ug/L	100
111) 1,2,3-Trichlorobenzene	14.149	180	144704	42.651	ug/L	98

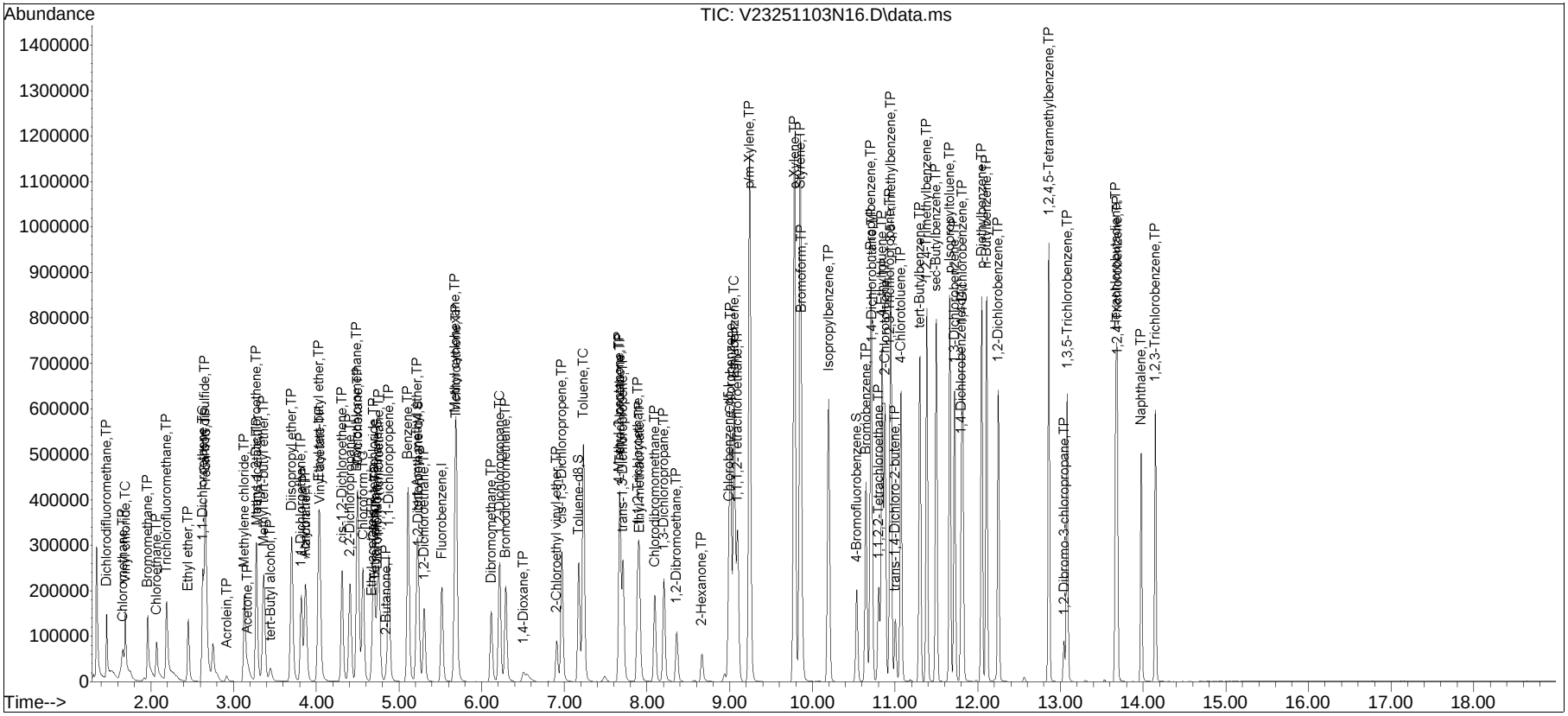
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N16.D
Acq On : 04 Nov 2025 01:29 am
Operator : VOA123:AJK
Sample : C8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 04 12:38:33 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

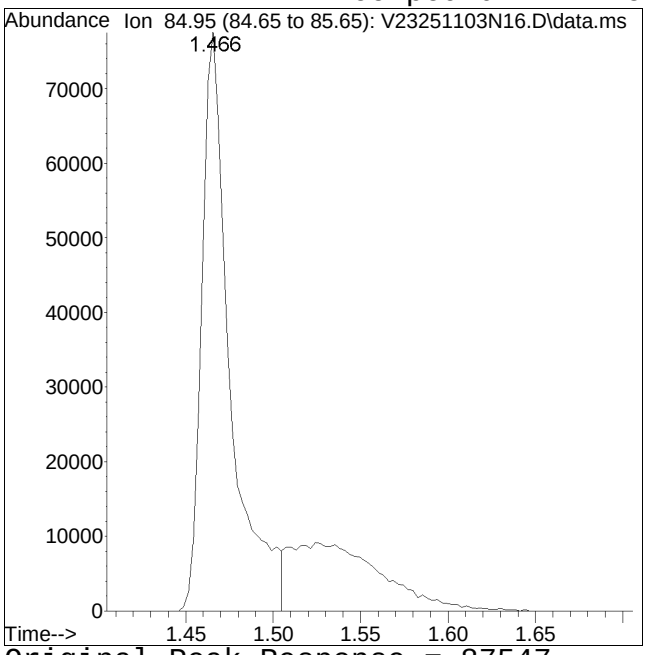
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•

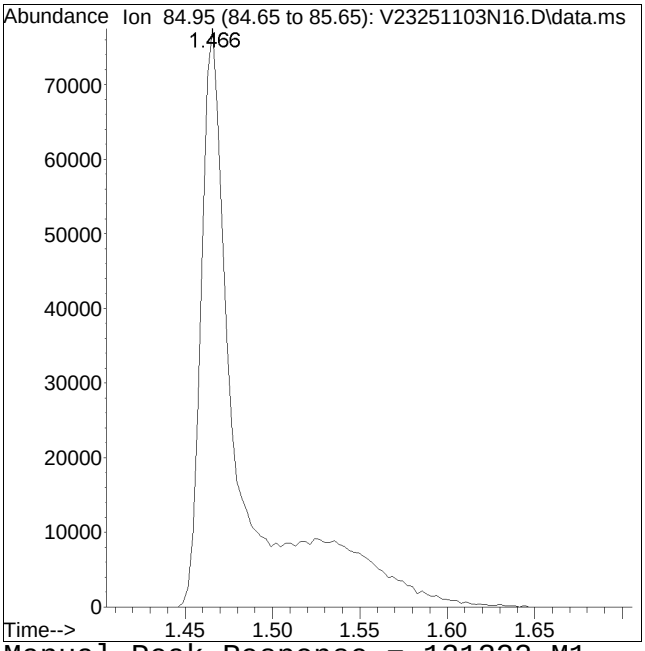


Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N16.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 1:29 am Instrument : VOA123
Sample : C8260STD40PPB Quant Date : 11/4/2025 12:37 pm

Compound #2: Dichlorodifluoromethane



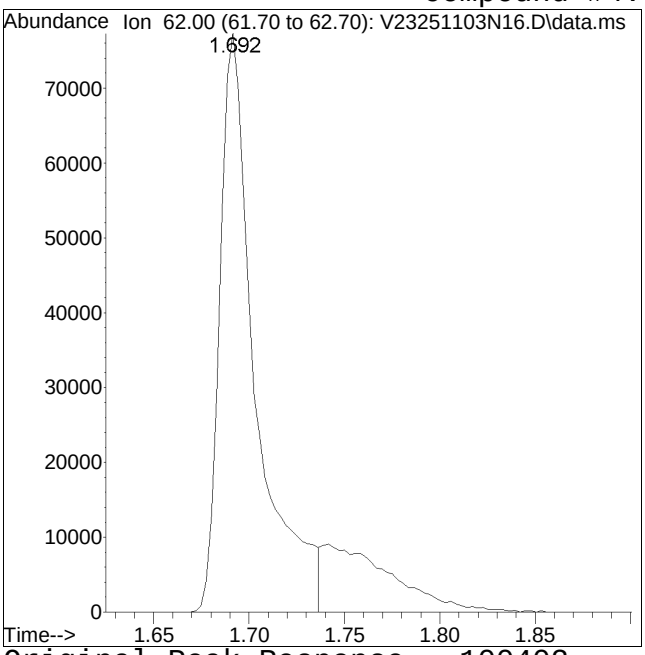


Original Peak Response = 87547 Manual Peak Response = 121222 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

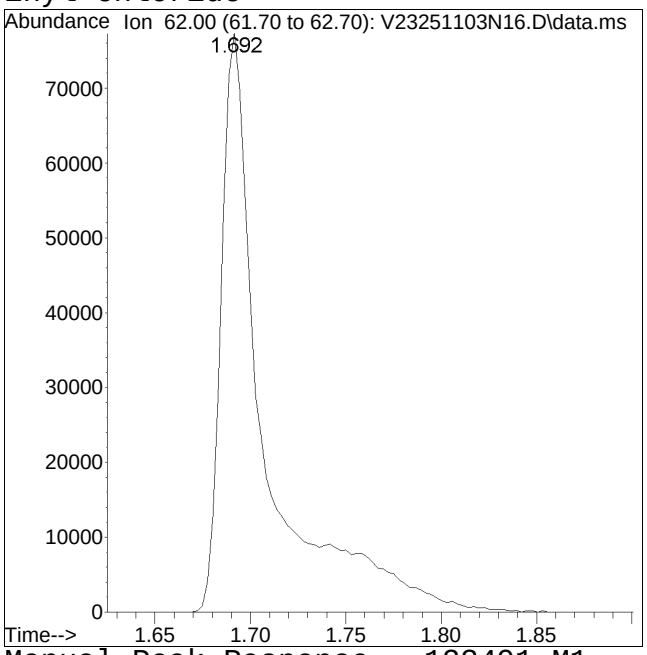
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N16.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 1:29 am Instrument : VOA123
Sample : C8260STD40PPB Quant Date : 11/4/2025 12:37 pm

Compound #4: Vinyl chloride



Original Peak Response = 100402



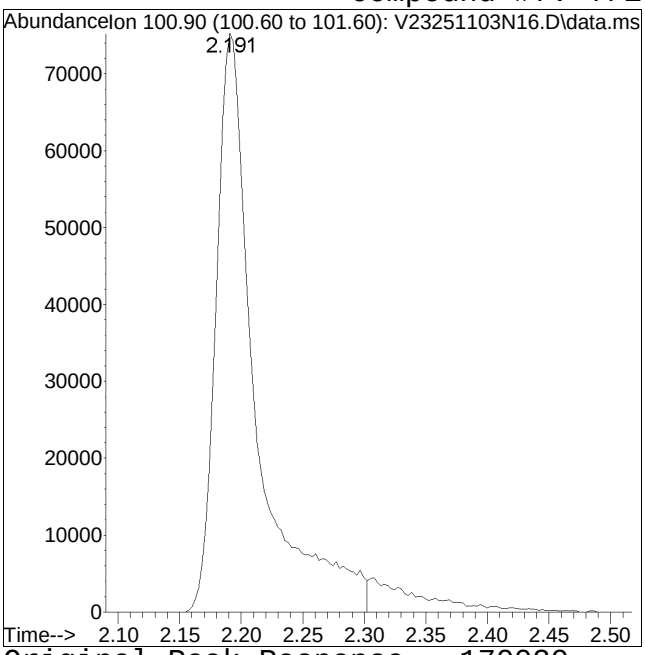
Manual Peak Response = 123491 M1

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

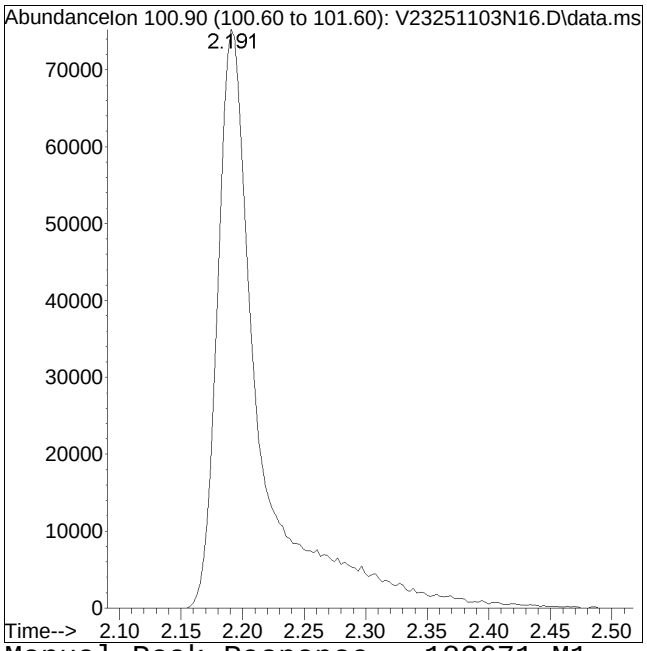
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N16.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 1:29 am Instrument : VOA123
Sample : C8260STD40PPB Quant Date : 11/4/2025 12:37 pm

Compound #7: Trichlorofluoromethane



Original Peak Response = 170020



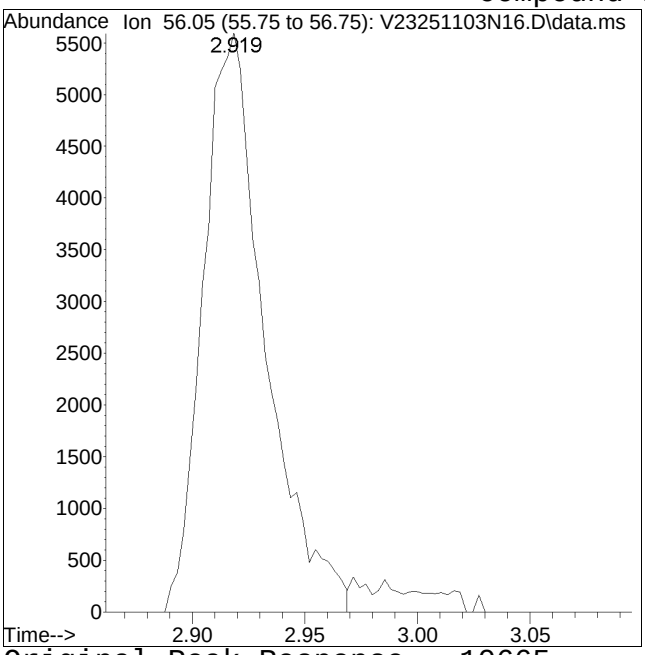
Manual Peak Response = 183671 M1

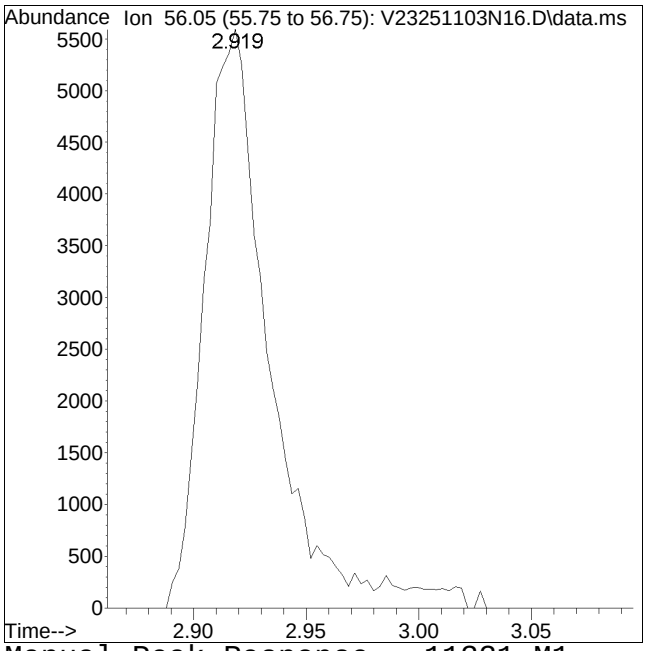
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N16.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 1:29 am Instrument : VOA123
Sample : C8260STD40PPB Quant Date : 11/4/2025 12:37 pm

Compound #14: Acrolein





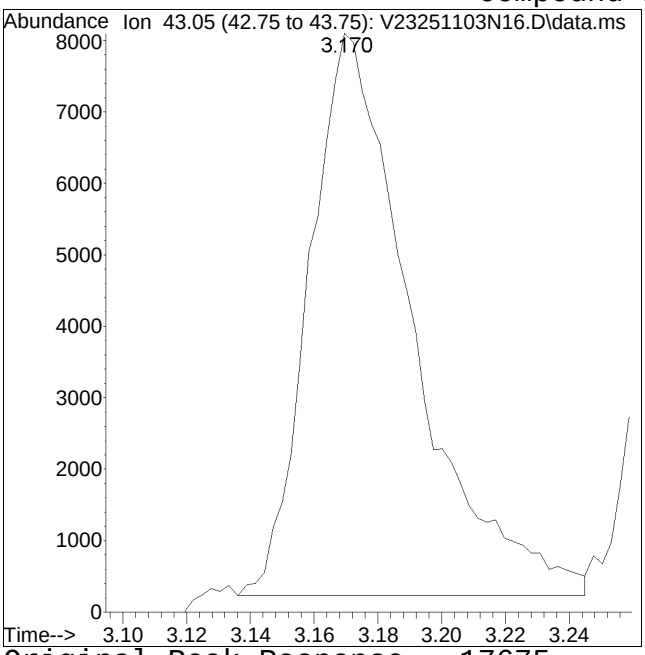
Original Peak Response = 10665 Manual Peak Response = 11331 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

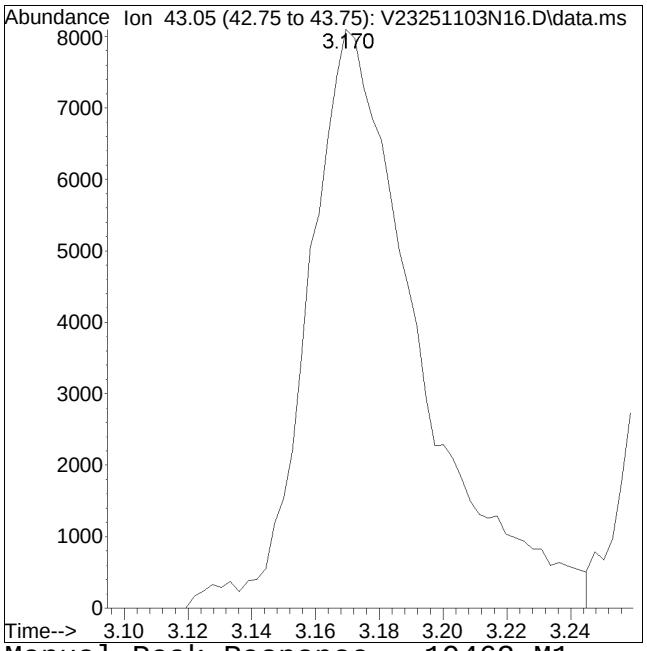
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N16.D
Date Inj'd : 11/4/2025 1:29 am
Sample : C8260STD40PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:37 pm

Compound #17: Acetone



Original Peak Response = 17675



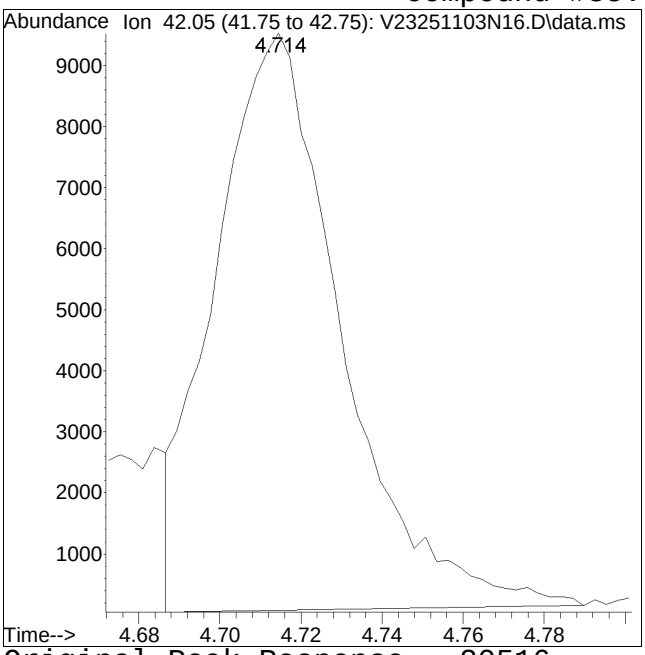
Manual Peak Response = 19462 M1

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

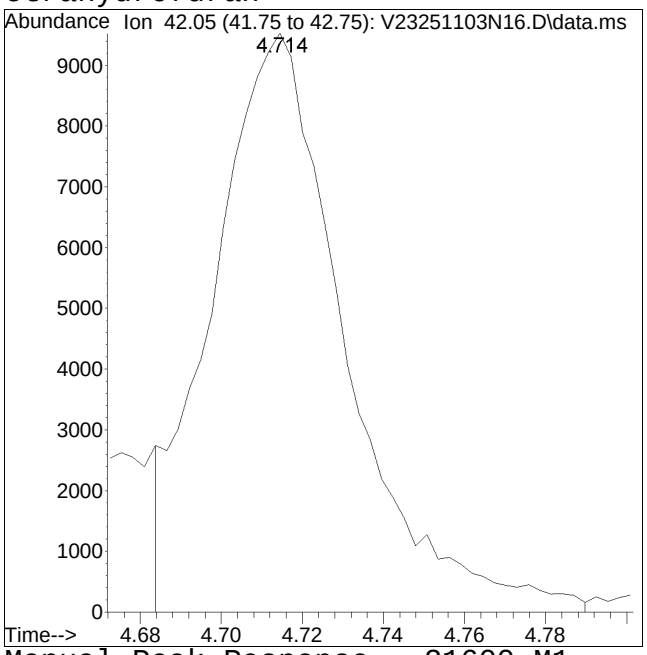
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N16.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 1:29 am Instrument : VOA123
Sample : C8260STD40PPB Quant Date : 11/4/2025 12:37 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 20516



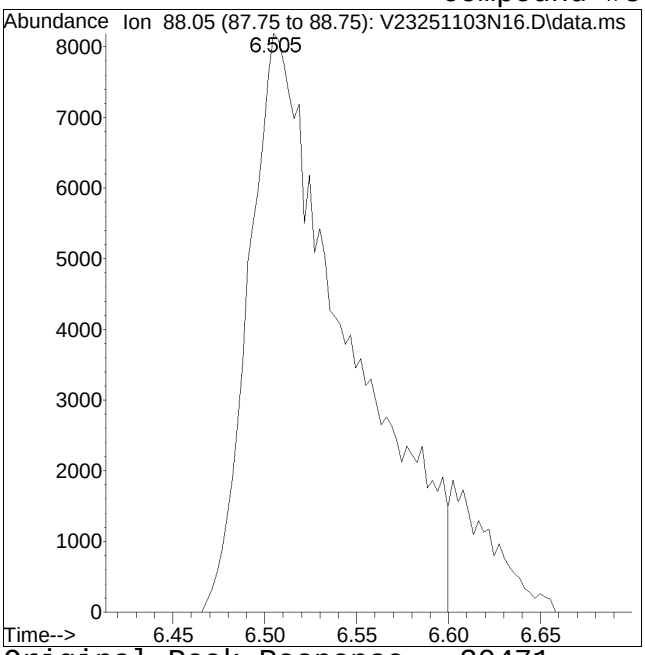
Manual Peak Response = 21600 M1

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

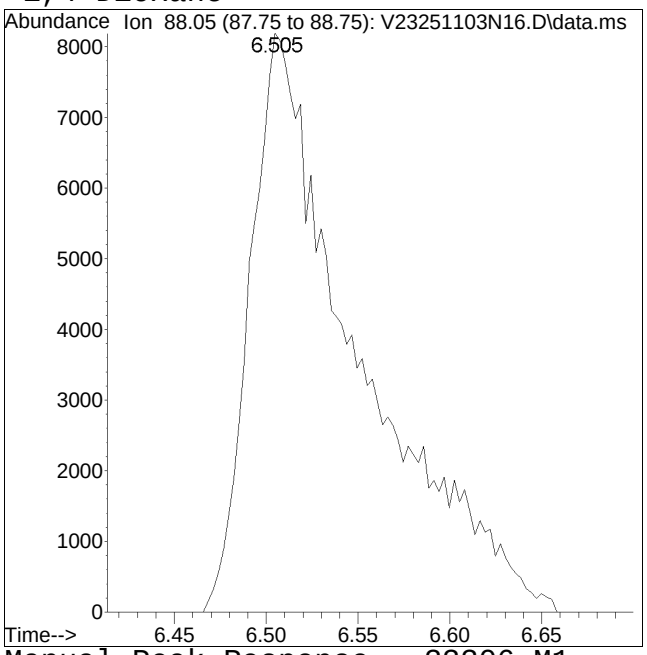
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N16.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 1:29 am Instrument : VOA123
Sample : C8260STD40PPB Quant Date : 11/4/2025 12:37 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 30471



Manual Peak Response = 33306 M1

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

Evaluate Relative Error Report VOA123

Method Path : K:\VOA123\2025\251103NICAL\
Method File : V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
17	TP Acetone	L	ug/L	40.0	40.248	0.6	4.00	4.138	3.4

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
17	TP Acetone	Linear	0.999684	0.000000	0.0564875	0.0176634

Response Factor Report VOA 129

Method Path : K:\VOA129\2025\251125NICAL\
Method File : V129_251125N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Nov 26 08:40:00 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V29251125N03.D 1 =V29251125N05.D 2 =V29251125N07.D 4 =V29251125N08.D 20 =V29251125N09.D
40 =V29251125N10.D 100 =V29251125N11.D 200 =V29251125N12.D 300 =V29251125N13.D

		Compound	0.5	1	2	4	20	40	100	200	300	Avg	%RSD
1)	I	Fluorobenzene	ISTD										
2)	TP	Dichlorodifluo...	0.224	0.313	0.317	0.352	0.297	0.346	0.349	0.344	0.318		13.53
3)	TP	Chloromethane	0.365	0.495	0.430	0.436	0.379	0.419	0.417	0.417	0.420		9.34
4)	TP	Vinyl chloride	0.244	0.337	0.319	0.347	0.297	0.348	0.352	0.351	0.324		11.66
5)	TP	Bromomethane	0.237	0.255	0.234	0.215	0.174	0.191	0.193	0.203	0.213		12.96
6)	TP	Chloroethane	0.151	0.204	0.189	0.207	0.175	0.203	0.198	0.195	0.190		9.95
7)	TP	Trichlorofluor...	0.297	0.420	0.446	0.466	0.393	0.460	0.466	0.459	0.426		13.63
8)	TP	Ethyl ether	0.107	0.130	0.122	0.121	0.116	0.127	0.127	0.130	0.123		6.44
10)	TP	1,1-Dichloroet...	0.168	0.208	0.203	0.220	0.193	0.226	0.227	0.228	0.209		9.98
11)	TP	Carbon disulfide	0.562	0.756	0.761	0.808	0.698	0.809	0.811	0.808	0.751		11.48
12)	TP	Freon-113	0.131	0.189	0.214	0.237	0.204	0.240	0.235	0.237	0.211		17.64
14)	TP	Acrolein			0.020	0.024	0.029	0.029	0.027	0.029	0.026		13.72
15)	TP	Methylene chlo...		0.387	0.303	0.265	0.233	0.253	0.246	0.244	0.276		19.58
17)	TP	Acetone			0.087	0.083	0.089	0.083	0.078	0.080	0.083		4.82
18)	TP	trans-1,2-Dich...	0.189	0.240	0.236	0.249	0.225	0.252	0.252	0.247	0.236		9.03
19)	TP	Methyl acetate		0.154	0.113	0.134	0.141	0.137	0.135	0.134	0.136		9.15
20)	TP	Methyl tert-bu...	0.516	0.638	0.571	0.661	0.681	0.695	0.684	0.681	0.641		10.05
21)	TP	tert-Butyl alc...	0.029	0.024	0.024	0.023	0.031	0.025	0.025	0.025	0.026		11.95
22)	TP	Diisopropyl ether	0.799	0.959	0.821	0.943	0.971	1.001	0.999	0.987	0.935		8.53
23)	TP	1,1-Dichloroet...	0.433	0.523	0.482	0.517	0.474	0.514	0.507	0.498	0.493		6.08
24)	TP	Halothane	0.109	0.184	0.169	0.195	0.176	0.188	0.186	0.187	0.174		15.77
25)	TP	Acrylonitrile	0.070	0.057	0.056	0.070	0.074	0.068	0.069	0.068	0.066		9.99
26)	TP	Ethyl tert-but...	0.676	0.735	0.692	0.798	0.838	0.873	0.881	0.870	0.795		10.56
27)	TP	Vinyl acetate		0.483	0.427	0.492	0.581	0.608	0.607	0.576	0.539		13.18
28)	TP	cis-1,2-Dichlo...	0.220	0.261	0.228	0.272	0.257	0.276	0.273	0.271	0.257		8.37
29)	TP	2,2-Dichloropr...	0.314	0.437	0.363	0.417	0.376	0.420	0.428	0.416	0.396		10.57
30)	TP	Bromochloromet...	0.089	0.119	0.109	0.125	0.125	0.123	0.119	0.118	0.116		10.32
31)	TP	Cyclohexane		0.356	0.405	0.480	0.437	0.529	0.506	0.498	0.459		13.53
32)	TP	Chloroform	0.572	0.576	0.479	0.504	0.494	0.510	0.490	0.487	0.514		7.43
33)	TP	Ethyl acetate	0.219	0.209	0.179	0.200	0.235	0.218	0.215	0.212	0.211		7.62
34)	TP	Carbon tetrach...	0.208	0.297	0.329	0.404	0.357	0.417	0.410	0.402	*L		0.9990

Method Path : K:\VOA129\2025\251125NICAL\
Method File : V129_251125N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Nov 26 08:40:00 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V29251125N03.D 1 =V29251125N05.D 2 =V29251125N07.D 4 =V29251125N08.D 20 =V29251125N09.D
40 =V29251125N10.D 100 =V29251125N11.D 200 =V29251125N12.D 300 =V29251125N13.D

		Compound	0.5	1	2	4	20	40	100	200	300	Avg	%RSD
35)	TP	Tetrahydrofuran			0.065	0.051	0.061	0.055	0.056	0.056	0.057		8.72
36)	S	Dibromofluorom...	0.244	0.250	0.253	0.257	0.240	0.255	0.248	0.244	0.247	0.249	2.15
37)	TP	1,1,1-Trichlor...	0.265	0.339	0.435	0.387	0.454	0.413	0.463	0.451	0.443	0.406	16.19
39)	TP	2-Butanone			0.113	0.091	0.088	0.105	0.091	0.091	0.096	0.096	9.50
40)	TP	1,1-Dichloropr...	0.224	0.212	0.340	0.298	0.351	0.314	0.367	0.362	0.357	0.314	18.78
41)	TP	Benzene	0.776	0.810	1.022	0.905	1.007	0.956	1.016	1.007	0.985	0.943	9.83
42)	TP	tert-Amyl meth...		0.474	0.548	0.484	0.585	0.670	0.668	0.673	0.674	0.597	14.49
43)	S	1,2-Dichloroet...	0.292	0.283	0.288	0.307	0.278	0.281	0.284	0.274	0.278	0.285	3.43
44)	TP	1,2-Dichloroet...		0.354	0.372	0.335	0.371	0.386	0.380	0.374	0.368	0.368	4.40
47)	TP	Methyl cyclohe...			0.294	0.342	0.409	0.363	0.462	0.448	0.442	0.394	15.93
48)	TP	Trichloroethene	0.232	0.227	0.293	0.264	0.297	0.277	0.293	0.286	0.285	0.273	9.63
50)	TP	Dibromomethane		0.122	0.142	0.136	0.140	0.155	0.143	0.142	0.140	0.140	6.45
51)	TP	1,2-Dichloropr...		0.227	0.273	0.254	0.274	0.283	0.284	0.284	0.280	0.270	7.41
53)	TP	2-Chloroethyl ...		0.111	0.096	0.095	0.108	0.141	0.144	0.142	0.144	0.122	18.18
54)	TP	Bromodichlorom...	0.285	0.288	0.366	0.331	0.384	0.410	0.387	0.386	0.382	0.358	12.72
57)	TP	1,4-Dioxane		0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001#	18.87
58)	TP	cis-1,3-Dichlo...	0.285	0.307	0.340	0.320	0.377	0.434	0.425	0.424	0.421	0.370	15.81
59)	I	Chlorobenzene-d5	----------ISTD----------										
60)	S	Toluene-d8	1.256	1.270	1.275	1.263	1.318	1.299	1.266	1.262	1.265	1.275	1.61
61)	TP	Toluene		0.735	0.943	0.772	0.893	0.873	0.868	0.862	0.839	0.848	7.83
62)	TP	4-Methyl-2-pen...		0.074	0.089	0.072	0.089	0.124	0.103	0.105	0.104	0.095	18.20
63)	TP	Tetrachloroethene	0.320	0.306	0.420	0.398	0.424	0.385	0.410	0.402	0.387	0.384	10.99
65)	TP	trans-1,3-Dich...		0.349	0.425	0.380	0.453	0.537	0.489	0.491	0.478	0.450	13.85
67)	TP	Ethyl methacry...		0.241	0.272	0.243	0.306	0.391	0.358	0.366	0.360	0.317	18.74
68)	TP	1,1,2-Trichlor...		0.170	0.217	0.198	0.229	0.254	0.222	0.219	0.213	0.215	11.21
69)	TP	Chlorodibromom...	0.278	0.284	0.326	0.311	0.341	0.396	0.358	0.357	0.355	0.334	11.40
70)	TP	1,3-Dichloropr...		0.387	0.438	0.406	0.464	0.527	0.465	0.461	0.447	0.449	9.37
71)	TP	1,2-Dibromoethane	0.196	0.211	0.250	0.226	0.257	0.292	0.260	0.259	0.253	0.245	11.92
72)	TP	2-Hexanone		0.172	0.160	0.148	0.177	0.237	0.198	0.196	0.196	0.185	14.92
73)	TP	Chlorobenzene	0.819	0.863	1.023	0.871	0.994	1.035	0.964	0.958	0.934	0.940	8.00
74)	TP	Ethylbenzene		1.258	1.552	1.354	1.688	1.702	1.727	1.689	1.624	1.574	11.19

Response Factor Report VOA 129

Method Path : K:\VOA129\2025\251125NICAL\
Method File : V129_251125N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Nov 26 08:40:00 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V29251125N03.D 1 =V29251125N05.D 2 =V29251125N07.D 4 =V29251125N08.D 20 =V29251125N09.D
40 =V29251125N10.D 100 =V29251125N11.D 200 =V29251125N12.D 300 =V29251125N13.D

	Compound	0.5	1	2	4	20	40	100	200	300	Avg	%RSD
75)	TP 1,1,1,2-Tetrac...	0.267	0.300	0.392	0.315	0.364	0.408	0.374	0.372	0.365	0.351	13.25
76)	TP p/m Xylene	0.398	0.447	0.556	0.506	0.658	0.655	0.645	0.640	0.612	0.569	17.15
77)	TP o Xylene	0.413	0.433	0.534	0.485	0.638	0.648	0.634	0.625	0.606	0.557	16.75
78)	TP Styrene	0.654	0.696	0.885	0.834	1.076	1.135	1.054	1.035	0.995	0.929	18.50
79)	I 1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP Bromoform		0.389	0.371	0.331	0.372	0.458	0.403	0.410	0.404	0.392	9.40
82)	TP Isopropylbenzene		2.037	2.547	2.527	3.058	3.004	3.144	3.118		2.777	15.03
83)	S 4-Bromofluorob...	0.836	0.864	0.847	0.867	0.876	0.865	0.846	0.858	0.862	0.858	1.44
84)	TP Bromobenzene		0.643	0.829	0.689	0.761	0.813	0.766	0.780	0.758	0.755	8.19
85)	TP n-Propylbenzene		2.492	3.199	3.040	3.593	3.534	3.676	3.655	3.501	3.336	12.25
86)	TP 1,4-Dichlorobu...		0.908	0.955	0.887	0.954	1.129	1.013	1.007	0.983	0.980	7.63
87)	TP 1,1,2,2-Tetrac...	0.458	0.521	0.634	0.514	0.550	0.664	0.584	0.588	0.573	0.565	11.12
88)	TP 4-Ethyltoluene		1.877	2.462	2.503	2.954	2.950	3.062	3.057	2.934	2.725	15.25
89)	TP 2-Chlorotoluene		1.657	2.135	1.814	2.244	2.159	2.073	2.114	2.053	2.031	9.65
90)	TP 1,3,5-Trimethy...		1.641	2.276	2.150	2.629	2.651	2.704	2.681	2.576	2.414	15.42
91)	TP 1,2,3-Trichlor...		0.429	0.505	0.465	0.452	0.571	0.477	0.495	0.475	0.484	8.83
92)	TP trans-1,4-Dich...		0.168	0.209	0.174	0.199	0.245	0.211	0.206	0.202	0.202	11.70
93)	TP 4-Chlorotoluene		1.631	2.123	2.018	2.309	2.329	2.254	2.272	2.182	2.140	10.76
94)	TP tert-Butylbenzene		1.531	1.845	1.823	2.216	2.201	2.359	2.342	2.258	2.072	14.52
97)	TP 1,2,4-Trimethy...		1.706	2.173	2.064	2.586	2.607	2.622	2.635	2.561	2.369	14.67
98)	TP sec-Butylbenzene		2.113	2.732	2.789	3.328	3.195	3.483	3.434	3.304	3.047	15.42
99)	TP p-Isopropyltol...		1.824	2.219	2.269	2.825	2.800	3.044	2.988	2.878	2.606	16.99
100)	TP 1,3-Dichlorobe...		1.352	1.502	1.419	1.523	1.558	1.487	1.516	1.459	1.477	4.47
101)	TP 1,4-Dichlorobe...		1.256	1.533	1.323	1.526	1.569	1.469	1.499	1.445	1.453	7.51
102)	TP p-Diethylbenzene		1.063	1.391	1.273	1.638	1.636	1.773	1.786	1.733	1.537	17.25
103)	TP n-Butylbenzene		1.704	2.190	2.182	2.692	2.566	2.754	2.772	2.637	2.437	15.49
104)	TP 1,2-Dichlorobe...		1.133	1.310	1.292	1.395	1.451	1.373	1.407		1.337	7.90
105)	TP 1,2,4,5-Tetram...			1.909	1.801	2.422	2.614	2.788	2.875	2.782	2.456	17.81
106)	TP 1,2-Dibromo-3-...		0.104	0.074	0.079	0.089	0.120	0.102	0.106	0.107	0.098	15.92
107)	TP 1,3,5-Trichlor...		1.057	1.213	1.113	1.206	1.199	1.196	1.220	1.186	1.174	4.90
108)	TP Hexachlorobuta...		0.532	0.647	0.590	0.613	0.603	0.673	0.654	0.655	0.621	7.42

Method Path : K:\VOA129\2025\251125NICAL\
Method File : V129_251125N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Nov 26 08:40:00 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V29251125N03.D 1 =V29251125N05.D 2 =V29251125N07.D 4 =V29251125N08.D 20 =V29251125N09.D
40 =V29251125N10.D 100 =V29251125N11.D 200 =V29251125N12.D 300 =V29251125N13.D

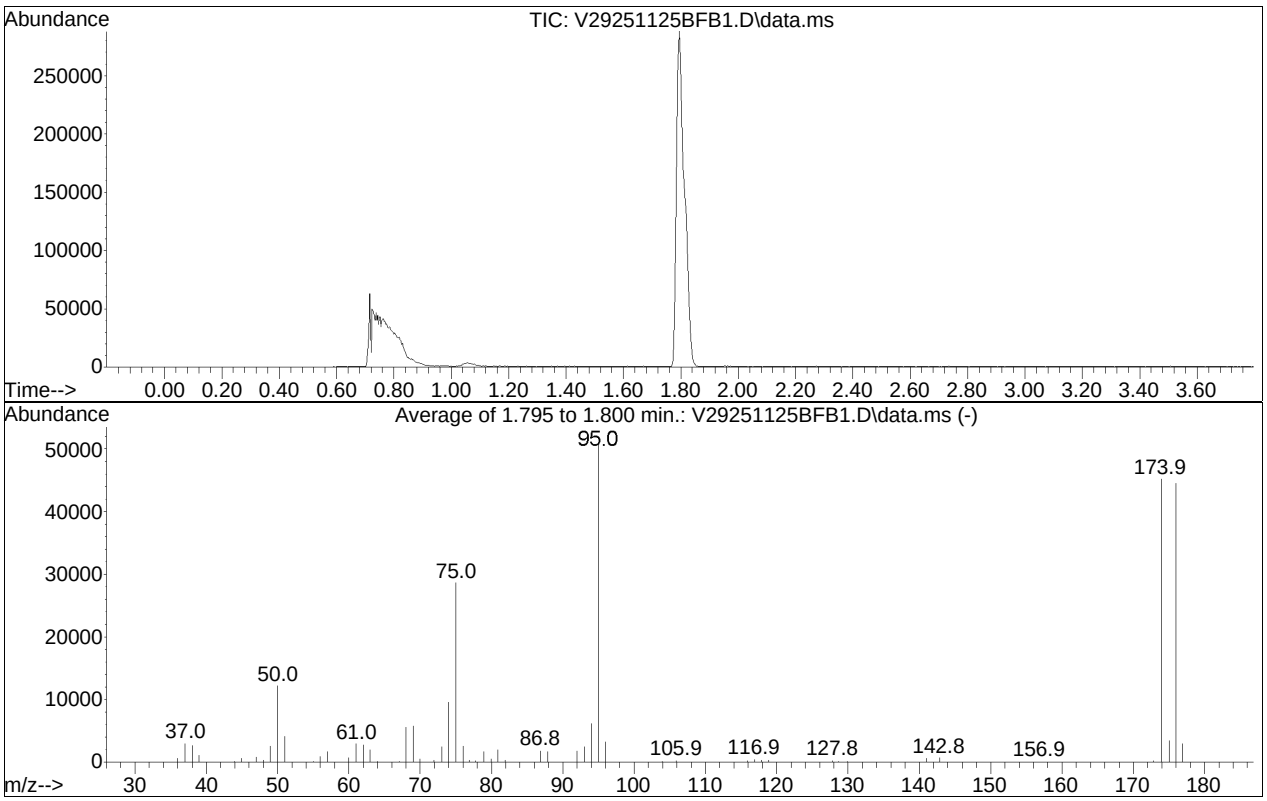
	Compound	0.5	1	2	4	20	40	100	200	300	Avg	%RSD
109)	TP 1,2,4-Trichlor...	0.829	0.953	0.895	0.981	1.044	1.027	1.064	1.051	0.981		8.54
110)	TP Naphthalene	1.379	1.429	1.417	1.613	2.001	1.977	2.019	1.977	1.727		17.02
111)	TP 1,2,3-Trichlor...	0.691	0.841	0.817	0.895	0.987	0.971	0.979	0.963	0.893		11.72

(#) = Out of Range

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125BFB1.D
Acq On : 25 Nov 2025 08:25 pm
Operator : VOA129:JKH
Sample : WG2146823-1
Misc : WG2146823,ICAL
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Nov 26 08:40:00 2025



Spectrum Information: Average of 1.795 to 1.800 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.9	12169	PASS
75	95	30	60	56.2	28656	PASS
95	95	100	100	100.0	51005	PASS
96	95	5	9	6.3	3228	PASS
173	174	0.00	2	0.4	201	PASS
174	95	50	100	88.7	45248	PASS
175	174	5	9	7.6	3423	PASS
176	174	95	101	98.5	44552	PASS
177	176	5	9	6.5	2909	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N03.D
Acq On : 25 Nov 2025 09:27 pm
Operator : VOA129:JIC
Sample : I8260STD0.5PPB
Misc : WG2146823,ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 26 08:22:09 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.961	96	267876	20.000	ug/L	0.00
Standard Area 1 = 272414			Recovery =	98.33%		
59) Chlorobenzene-d5	8.793	117	196390	20.000	ug/L	0.00
Standard Area 1 = 197193			Recovery =	99.59%		
79) 1,4-Dichlorobenzene-d4	10.250	152	105830	20.000	ug/L	0.00
Standard Area 1 = 109857			Recovery =	96.33%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.028	113	65303	19.149	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	95.75%		
43) 1,2-Dichloroethane-d4	5.631	65	78210	20.771	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	103.86%		
60) Toluene-d8	7.592	98	246659	19.332	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	96.66%		
83) 4-Bromofluorobenzene	9.584	95	88504	19.328	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	96.64%		
Target Compounds						Qvalue
37) 1,1,1-Trichloroethane	5.023	97	1776M1	0.321	ug/L	
40) 1,1-Dichloropropene	5.185	75	1499	0.356	ug/L #	72
41) Benzene	5.474	78	5198	0.406	ug/L	96
48) Trichloroethene	6.140	95	1555	0.419	ug/L #	78
54) Bromodichloromethane	6.779	83	1909	0.347	ug/L #	98
58) cis-1,3-Dichloropropene	7.424	75	1906	0.328	ug/L #	78
63) Tetrachloroethene	7.964	166	1572	0.416	ug/L	85
69) Chlorodibromomethane	8.258	129	1367	0.352	ug/L	84
71) 1,2-Dibromoethane	8.415	107	962	0.335	ug/L	84
73) Chlorobenzene	8.803	112	4019	0.395	ug/L #	56
75) 1,1,1,2-Tetrachloroethane	8.856	131	1310	0.327	ug/L #	55
76) p/m Xylene	8.934	106	3911	0.608	ug/L	74
77) o Xylene	9.212	106	4055	0.637	ug/L	92
78) Styrene	9.249	104	6420	0.576	ug/L	98
87) 1,1,2,2-Tetrachloroethane	9.715	83	1213	0.345	ug/L	93

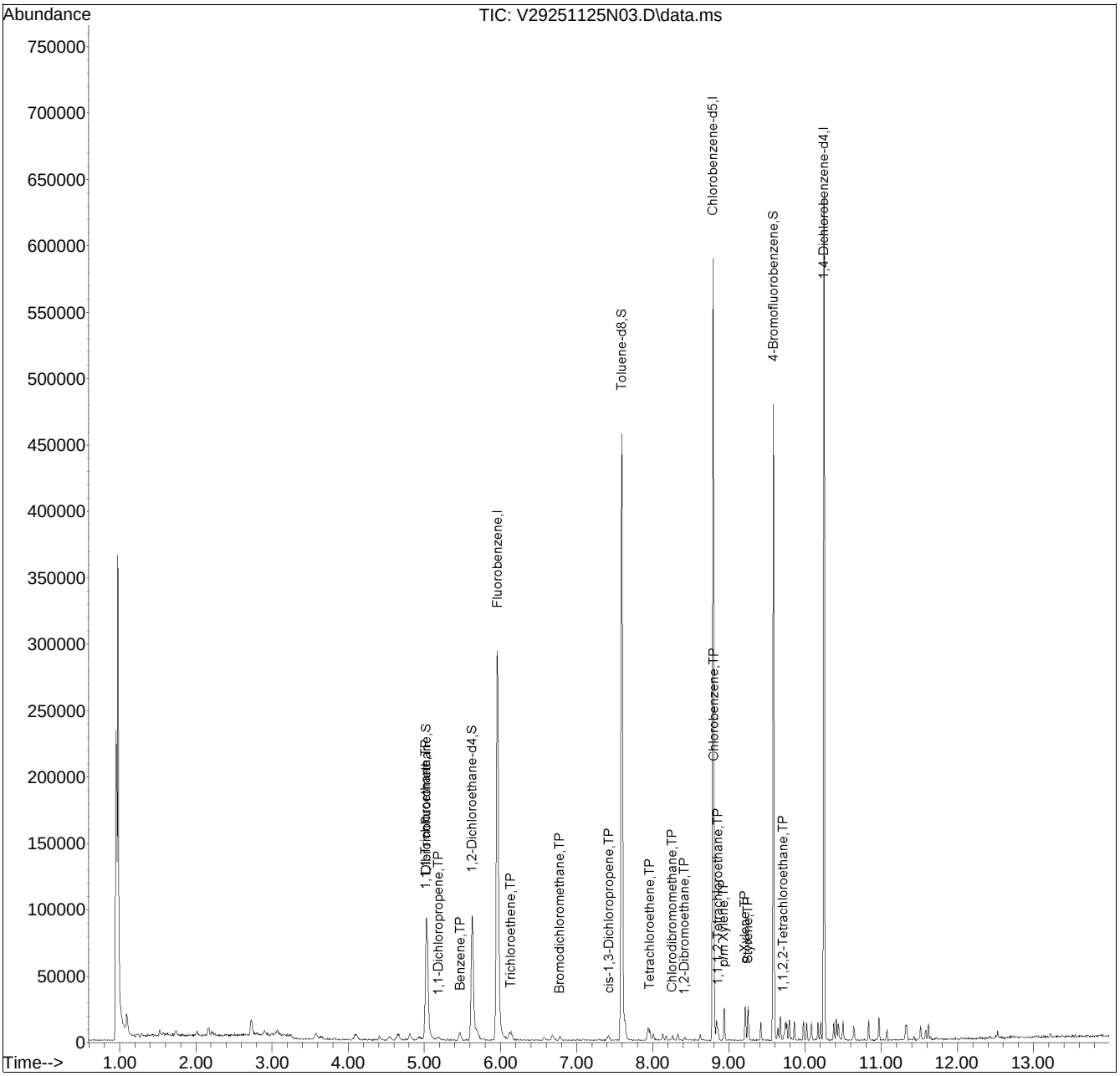
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N03.D
Acq On : 25 Nov 2025 09:27 pm
Operator : VOA129:JIC
Sample : I8260STD0.5PPB
Misc : WG2146823,ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 26 08:22:09 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

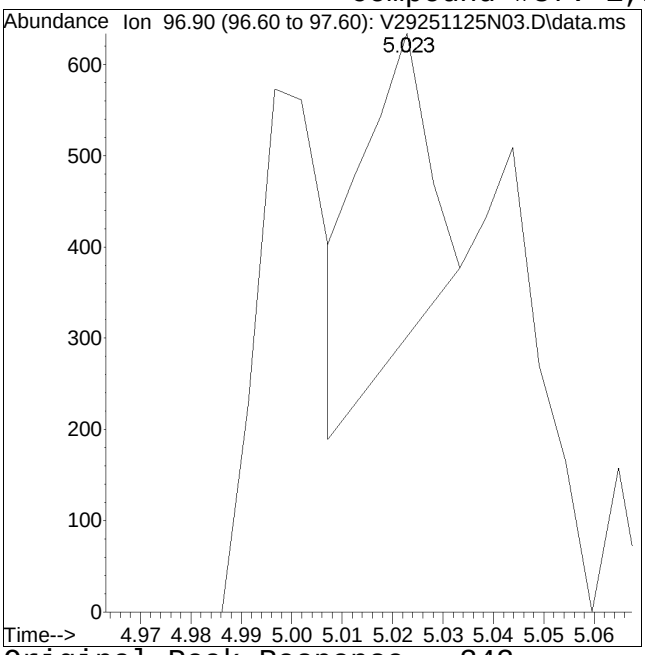
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH25N10.D•



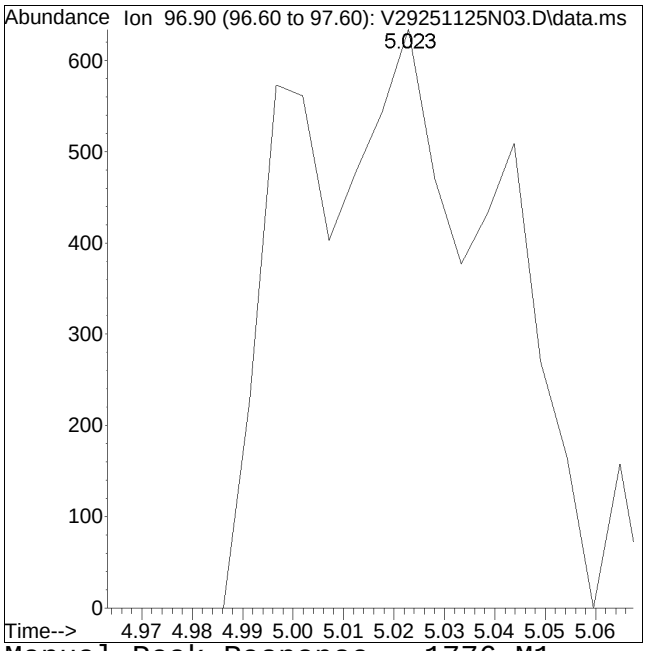
Manual Integration Report

Data Path : K:\VOA129\2025\251125NICALQMethod : V129_251125N_8260.m
Data File : V29251125N03.D Operator : VOA129:JIC
Date Inj'd : 11/25/2025 9:27 pm Instrument : VOA 129
Sample : I8260STD0.5PPB Quant Date : 11/26/2025 8:19 am

Compound #37: 1,1,1-Trichloroethane



Original Peak Response = 342



Manual Peak Response = 1776 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N05.D
Acq On : 25 Nov 2025 10:08 pm
Operator : VOA129:JIC
Sample : I8260STD1.0PPB
Misc : WG2146823,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 08:26:56 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.961	96	257890	20.000 ug/L	0.00
Standard Area 1 = 272414			Recovery =	94.67%	
59) Chlorobenzene-d5	8.793	117	186398	20.000 ug/L	0.00
Standard Area 1 = 197193			Recovery =	94.53%	
79) 1,4-Dichlorobenzene-d4	10.250	152	99823	20.000 ug/L	0.00
Standard Area 1 = 109857			Recovery =	90.87%	
System Monitoring Compounds					
36) Dibromofluoromethane	5.028	113	64533	19.656 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.28%	
43) 1,2-Dichloroethane-d4	5.631	65	73043	20.150 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	100.75%	
60) Toluene-d8	7.592	98	236640	19.541 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	97.70%	
83) 4-Bromofluorobenzene	9.584	95	86203	19.958 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	99.79%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.091	85	2886	0.754 ug/L	95
3) Chloromethane	1.227	50	4703	0.963 ug/L	96
4) Vinyl chloride	1.285	62	3142	0.820 ug/L	85
5) Bromomethane	1.531	94	3058	1.360 ug/L	83
6) Chloroethane	1.625	64	1946	0.862 ug/L	98
7) Trichlorofluoromethane	1.741	101	3833	0.757 ug/L	96
8) Ethyl ether	2.013	74	1382	0.922 ug/L #	75
10) 1,1-Dichloroethene	2.165	96	2162	0.868 ug/L #	74
11) Carbon disulfide	2.171	76	7241	0.804 ug/L	95
12) Freon-113	2.218	101	1689	0.641 ug/L #	74
14) Acrolein	0.000		0	N.D. d	
15) Methylene chloride	2.721	84	5329	1.777 ug/L	94
17) Acetone	2.795	43	3540M3	3.079 ug/L	
18) trans-1,2-Dichloroethene	2.899	96	2431	0.837 ug/L	89
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	3.078	73	6651	0.757 ug/L #	66
21) tert-Butyl alcohol	3.261	59	1899M1	4.679 ug/L	
22) Diisopropyl ether	3.576	45	10308	0.823 ug/L #	81
23) 1,1-Dichloroethane	3.639	63	5579	0.913 ug/L	90
24) Halothane	3.822	117	1407	0.620 ug/L #	66
25) Acrylonitrile	3.723	53	899	0.938 ug/L #	64

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N05.D
Acq On : 25 Nov 2025 10:08 pm
Operator : VOA129:JIC
Sample : I8260STD1.0PPB
Misc : WG2146823,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 08:26:56 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.095	59	8718	0.807	ug/L		90
27) Vinyl acetate	0.000		0	N.D.	d		
28) cis-1,2-Dichloroethene	4.415	96	2836	0.857	ug/L	#	78
29) 2,2-Dichloropropane	4.556	77	4047	0.835	ug/L	#	34
30) Bromochloromethane	4.672	128	1149	0.715	ug/L		82
31) Cyclohexane	4.640	56	3151	0.559	ug/L		73
32) Chloroform	4.803	83	7371	1.157	ug/L	#	96
33) Ethyl acetate	5.039	43	2827	0.934	ug/L	#	80
34) Carbon tetrachloride	4.934	117	2688	0.584	ug/L	#	78
35) Tetrahydrofuran	0.000		0	N.D.	d		
37) 1,1,1-Trichloroethane	5.023	97	4375	0.822	ug/L		89
39) 2-Butanone	0.000		0	N.D.	d		
40) 1,1-Dichloropropene	5.180	75	2731	0.674	ug/L		91
41) Benzene	5.469	78	10440	0.847	ug/L		97
42) tert-Amyl methyl ether	5.689	73	6115	0.708	ug/L		99
44) 1,2-Dichloroethane	5.704	62	4568	0.918	ug/L	#	51
47) Methyl cyclohexane	6.119	83	2774	0.592	ug/L		95
48) Trichloroethene	6.150	95	2929	0.820	ug/L		88
50) Dibromomethane	6.570	93	1579	0.790	ug/L		91
51) 1,2-Dichloropropane	6.685	63	2928	0.802	ug/L		92
53) 2-Chloroethyl vinyl ether	7.393	63	1425	0.782	ug/L	#	88
54) Bromodichloromethane	6.785	83	3718	0.703	ug/L	#	93
57) 1,4-Dioxane	7.010	88	538	27.535	ug/L		92
58) cis-1,3-Dichloropropene	7.424	75	3957	0.708	ug/L		93
61) Toluene	7.634	92	6849	0.841	ug/L		97
62) 4-Methyl-2-pentanone	7.990	58	690	0.597	ug/L	#	70
63) Tetrachloroethene	7.964	166	2856	0.796	ug/L		93
65) trans-1,3-Dichloropropene	8.006	75	3257	0.651	ug/L	#	71
67) Ethyl methacrylate	8.174	69	2245	0.616	ug/L		91
68) 1,1,2-Trichloroethane	8.132	83	1585	0.671	ug/L	#	74
69) Chlorodibromomethane	8.258	129	2645	0.717	ug/L		94
70) 1,3-Dichloropropane	8.331	76	3610	0.736	ug/L		92
71) 1,2-Dibromoethane	8.415	107	1964	0.721	ug/L		94
72) 2-Hexanone	8.625	43	1599	0.724	ug/L	#	82
73) Chlorobenzene	8.803	112	8039	0.833	ug/L	#	86
74) Ethylbenzene	8.835	91	11729	0.739	ug/L		94
75) 1,1,1,2-Tetrachloroethane	8.861	131	2796	0.735	ug/L		90
76) p/m Xylene	8.939	106	8335	1.366	ug/L		96
77) o Xylene	9.217	106	8064	1.336	ug/L		96
78) Styrene	9.249	104	12974	1.226	ug/L		91

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N05.D
Acq On : 25 Nov 2025 10:08 pm
Operator : VOA129:JIC
Sample : I8260STD1.0PPB
Misc : WG2146823,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 08:26:56 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.259	173	1942	0.850	ug/L		92
82) Isopropylbenzene	9.417	105	10167	0.678	ug/L		93
84) Bromobenzene	9.647	156	3207	0.790	ug/L		87
85) n-Propylbenzene	9.674	91	12439	0.705	ug/L		100
86) 1,4-Dichlorobutane	9.679	55	4533	0.804	ug/L	#	89
87) 1,1,2,2-Tetrachloroethane	9.715	83	2602	0.785	ug/L		93
88) 4-Ethyltoluene	9.742	105	9366	0.636	ug/L		85
89) 2-Chlorotoluene	9.763	91	8268M6	0.767	ug/L		
90) 1,3,5-Trimethylbenzene	9.794	105	8192	0.619	ug/L		88
91) 1,2,3-Trichloropropane	9.789	75	2139	0.750	ug/L		89
92) trans-1,4-Dichloro-2-b...	9.820	53	840	0.688	ug/L		90
93) 4-Chlorotoluene	9.862	91	8139	0.700	ug/L	#	86
94) tert-Butylbenzene	9.978	119	7641	0.696	ug/L		94
97) 1,2,4-Trimethylbenzene	10.020	105	8517	0.655	ug/L		99
98) sec-Butylbenzene	10.082	105	10545	0.661	ug/L		100
99) p-Isopropyltoluene	10.172	119	9102	0.651	ug/L		93
100) 1,3-Dichlorobenzene	10.203	146	6746	0.867	ug/L		94
101) 1,4-Dichlorobenzene	10.261	146	6268	0.801	ug/L	#	79
102) p-Diethylbenzene	10.376	119	5305	0.650	ug/L		94
103) n-Butylbenzene	10.408	91	8507	0.664	ug/L		98
104) 1,2-Dichlorobenzene	10.502	146	5654	0.780	ug/L		94
105) 1,2,4,5-Tetramethylben...	10.832	119	8335	0.639	ug/L		97
106) 1,2-Dibromo-3-chloropr...	10.953	155	518	0.867	ug/L		86
107) 1,3,5-Trichlorobenzene	10.974	180	5278	0.882	ug/L		88
108) Hexachlorobutadiene	11.320	225	2655	0.882	ug/L	#	80
109) 1,2,4-Trichlorobenzene	11.336	180	4138	0.794	ug/L		91
110) Naphthalene	11.514	128	6882	0.689	ug/L		100
111) 1,2,3-Trichlorobenzene	11.624	180	3448	0.700	ug/L		90

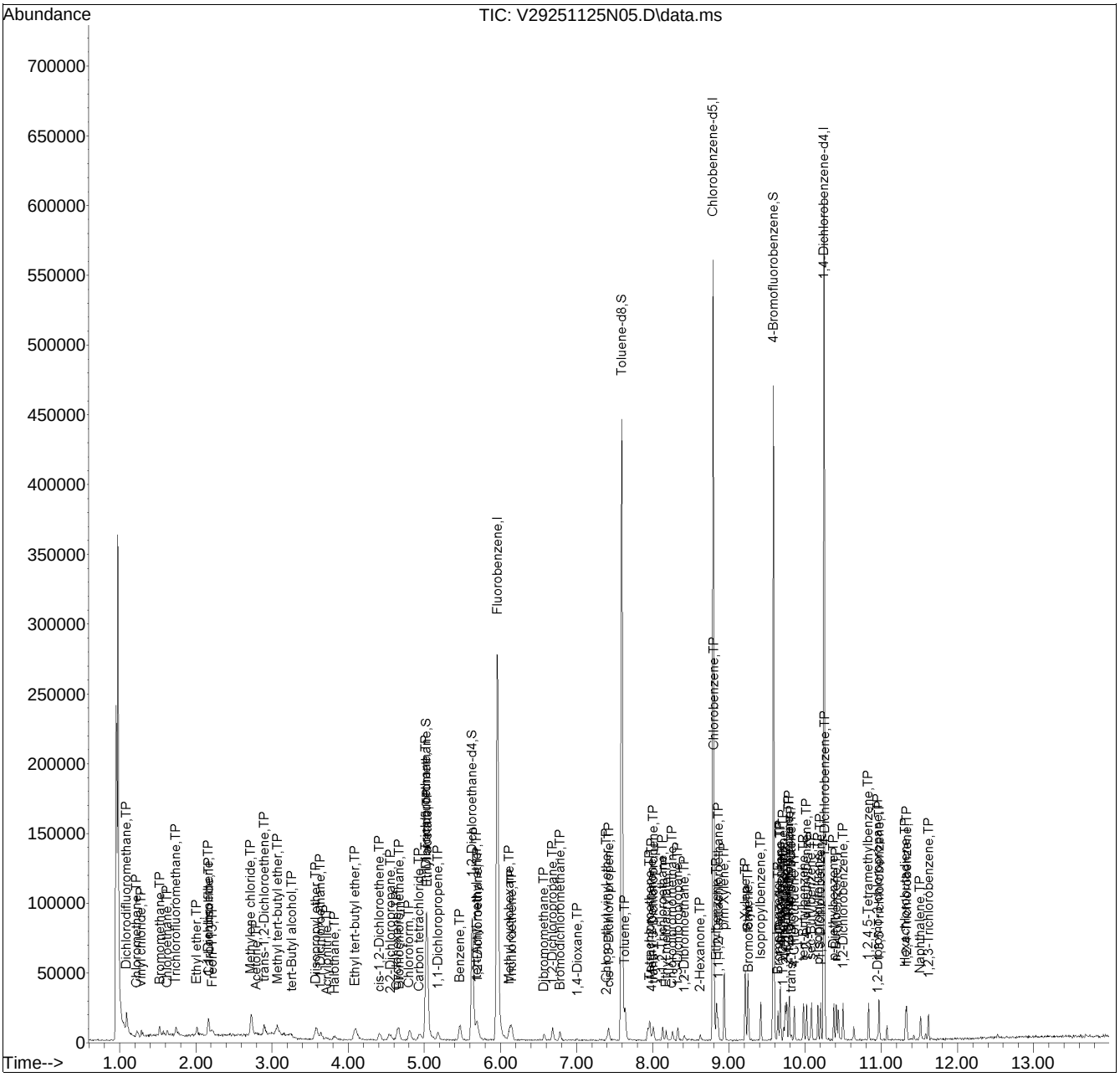
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N05.D
Acq On : 25 Nov 2025 10:08 pm
Operator : VOA129:JIC
Sample : I8260STD1.0PPB
Misc : WG2146823,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 08:26:56 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

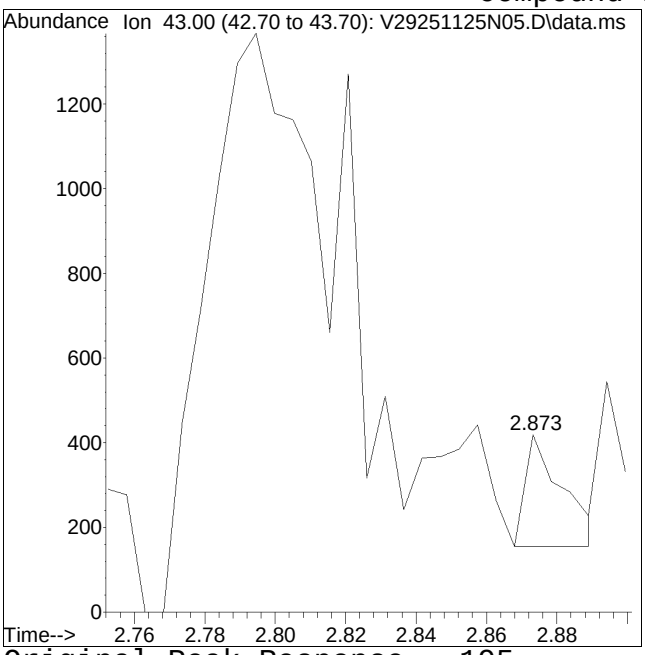
Sub List : 8260-CurveSoil - Megamix plus Diox251125N10.D•

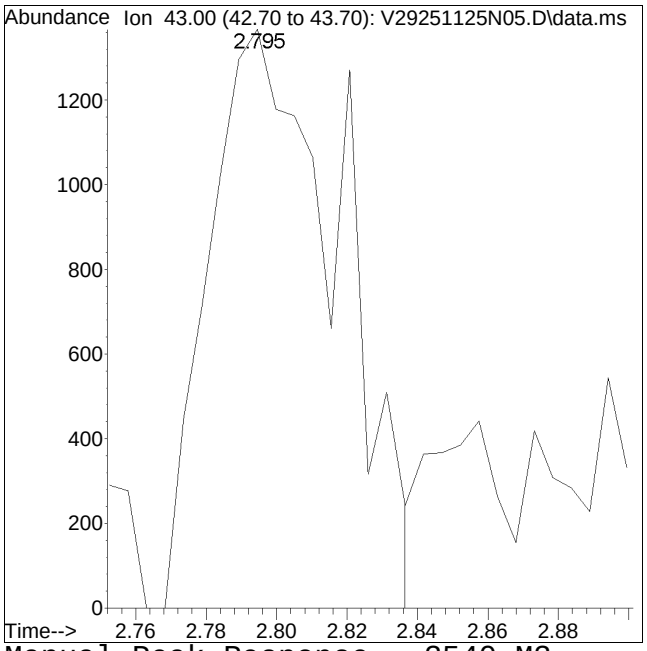


Manual Integration Report

Data Path : K:\VOA129\2025\251125NICALQMethod : V129_251125N_8260.m
Data File : V29251125N05.D Operator : VOA129:JIC
Date Inj'd : 11/25/2025 10:08 pm Instrument : VOA 129
Sample : I8260STD1.0PPB Quant Date : 11/26/2025 8:19 am

Compound #17: Acetone





Original Peak Response = 195 Manual Peak Response = 3540 M3

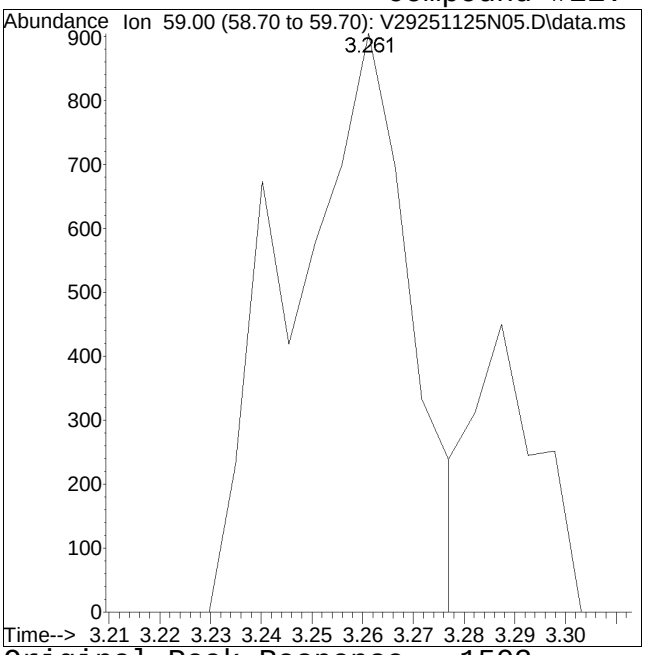
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

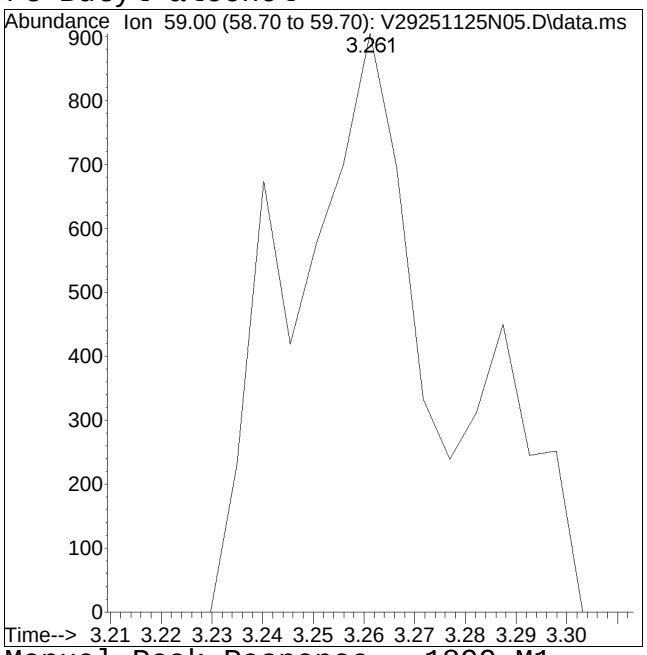
Data Path : K:\VOA129\2025\251125NICALQ
Data File : V29251125N05.D
Date Inj'd : 11/25/2025 10:08 pm
Sample : I8260STD1.0PPB

Method : V129_251125N_8260.m
Operator : VOA129:JIC
Instrument : VOA 129
Quant Date : 11/26/2025 8:19 am

Compound #21: tert-Butyl alcohol



Original Peak Response = 1503



Manual Peak Response = 1899 M1

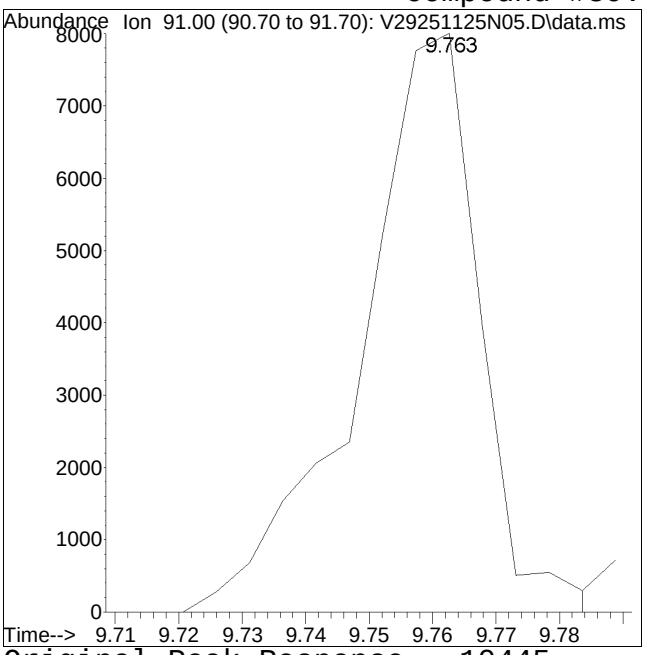
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

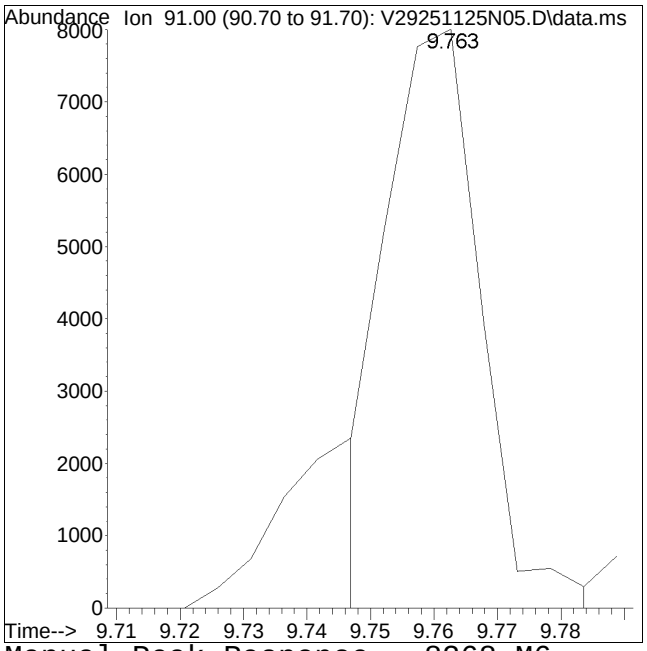
Data Path : K:\VOA129\2025\251125NICALQ
Data File : V29251125N05.D
Date Inj'd : 11/25/2025 10:08 pm
Sample : I8260STD1.0PPB

Method : V129_251125N_8260.m
Operator : VOA129:JIC
Instrument : VOA 129
Quant Date : 11/26/2025 8:19 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 10445



Manual Peak Response = 8268 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N07.D
Acq On : 25 Nov 2025 10:50 pm
Operator : VOA129:JIC
Sample : I8260STD2.0PPB
Misc : WG2146823,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 26 08:25:58 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.961	96	251585	20.000 ug/L	0.00
Standard Area 1 = 272414			Recovery =	92.35%	
59) Chlorobenzene-d5	8.793	117	183867	20.000 ug/L	0.00
Standard Area 1 = 197193			Recovery =	93.24%	
79) 1,4-Dichlorobenzene-d4	10.250	152	102235	20.000 ug/L	0.00
Standard Area 1 = 109857			Recovery =	93.06%	
System Monitoring Compounds					
36) Dibromofluoromethane	5.028	113	63554	19.843 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	99.22%	
43) 1,2-Dichloroethane-d4	5.631	65	72472	20.494 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	102.47%	
60) Toluene-d8	7.592	98	234521	19.632 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.16%	
83) 4-Bromofluorobenzene	9.584	95	86616	19.581 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	97.91%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.085	85	7875	2.108 ug/L	93
3) Chloromethane	1.232	50	12454	2.614 ug/L	92
4) Vinyl chloride	1.284	62	8478	2.269 ug/L	99
5) Bromomethane	1.526	94	6422	2.928 ug/L	95
6) Chloroethane	1.625	64	5131	2.331 ug/L	83
7) Trichlorofluoromethane	1.741	101	10579	2.142 ug/L	94
8) Ethyl ether	2.008	74	3273	2.238 ug/L	87
10) 1,1-Dichloroethene	2.165	96	5240	2.156 ug/L	95
11) Carbon disulfide	2.171	76	19013	2.164 ug/L	98
12) Freon-113	2.207	101	4764	1.853 ug/L	88
14) Acrolein	0.000		0	N.D. d	
15) Methylene chloride	2.726	84	9728	3.326 ug/L	90
17) Acetone	2.794	43	3723	3.320 ug/L	99
18) trans-1,2-Dichloroethene	2.894	96	6044	2.133 ug/L	93
19) Methyl acetate	2.957	43	3886	2.188 ug/L #	77
20) Methyl tert-butyl ether	3.067	73	16058	1.873 ug/L #	89
21) tert-Butyl alcohol	3.261	59	2997	7.569 ug/L #	24
22) Diisopropyl ether	3.581	45	24115M1	1.974 ug/L	
23) 1,1-Dichloroethane	3.644	63	13163	2.207 ug/L	98
24) Halothane	3.822	117	4634	2.093 ug/L #	65
25) Acrylonitrile	3.717	53	1429	1.528 ug/L #	76

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N07.D
Acq On : 25 Nov 2025 10:50 pm
Operator : VOA129:JIC
Sample : I8260STD2.0PPB
Misc : WG2146823,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 26 08:25:58 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.100	59	18485M1	1.754	ug/L		
27) Vinyl acetate	4.090	43	12156	1.664	ug/L	#	94
28) cis-1,2-Dichloroethene	4.409	96	6555	2.030	ug/L		85
29) 2,2-Dichloropropane	4.530	77	10983	2.324	ug/L	#	34
30) Bromochloromethane	4.656	128	2996	1.911	ug/L		81
31) Cyclohexane	4.645	56	8957	1.629	ug/L		76
32) Chloroform	4.808	83	14482	2.330	ug/L		97
33) Ethyl acetate	5.039	43	5246	1.777	ug/L	#	98
34) Carbon tetrachloride	4.923	117	7461	1.661	ug/L	#	23
35) Tetrahydrofuran	0.000		0	N.D.	d		
37) 1,1,1-Trichloroethane	5.023	97	10932	2.105	ug/L	#	96
39) 2-Butanone	5.212	43	2835	2.147	ug/L	#	87
40) 1,1-Dichloropropene	5.180	75	8545	2.161	ug/L	#	85
41) Benzene	5.468	78	25704	2.137	ug/L		96
42) tert-Amyl methyl ether	5.683	73	13775	1.634	ug/L		94
44) 1,2-Dichloroethane	5.710	62	9353	1.927	ug/L		95
47) Methyl cyclohexane	6.119	83	7404	1.620	ug/L		98
48) Trichloroethene	6.150	95	7375	2.117	ug/L		92
50) Dibromomethane	6.575	93	3573	1.832	ug/L		94
51) 1,2-Dichloropropane	6.685	63	6864	1.927	ug/L		98
53) 2-Chloroethyl vinyl ether	7.403	63	2405	1.353	ug/L	#	86
54) Bromodichloromethane	6.779	83	9196	1.782	ug/L	#	98
57) 1,4-Dioxane	7.010	88	1052	55.190	ug/L	#	90
58) cis-1,3-Dichloropropene	7.419	75	8554	1.568	ug/L		88
61) Toluene	7.634	92	17338	2.159	ug/L		86
62) 4-Methyl-2-pentanone	7.996	58	1640	1.439	ug/L	#	75
63) Tetrachloroethene	7.959	166	7723	2.182	ug/L		89
65) trans-1,3-Dichloropropene	8.011	75	7812	1.583	ug/L		89
67) Ethyl methacrylate	8.174	69	5006	1.393	ug/L		94
68) 1,1,2-Trichloroethane	8.127	83	3981	1.708	ug/L		87
69) Chlorodibromomethane	8.258	129	5996	1.648	ug/L		96
70) 1,3-Dichloropropane	8.331	76	8058	1.665	ug/L		93
71) 1,2-Dibromoethane	8.410	107	4588	1.708	ug/L		99
72) 2-Hexanone	8.625	43	2941	1.350	ug/L		97
73) Chlorobenzene	8.803	112	18812	1.976	ug/L		97
74) Ethylbenzene	8.835	91	28542	1.824	ug/L		99
75) 1,1,1,2-Tetrachloroethane	8.856	131	7214	1.924	ug/L		96
76) p/m Xylene	8.939	106	20437	3.396	ug/L		99
77) o Xylene	9.217	106	19645	3.298	ug/L		98
78) Styrene	9.249	104	32539	3.118	ug/L		89

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N07.D
Acq On : 25 Nov 2025 10:50 pm
Operator : VOA129:JIC
Sample : I8260STD2.0PPB
Misc : WG2146823,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 26 08:25:58 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.254	173	3797	1.622	ug/L		99
82) Isopropylbenzene	9.417	105	26044	1.696	ug/L		98
84) Bromobenzene	9.642	156	8479	2.040	ug/L		95
85) n-Propylbenzene	9.673	91	32708	1.810	ug/L		99
86) 1,4-Dichlorobutane	9.679	55	9763	1.691	ug/L	#	90
87) 1,1,2,2-Tetrachloroethane	9.721	83	6484	1.911	ug/L		88
88) 4-Ethyltoluene	9.742	105	25167	1.669	ug/L		98
89) 2-Chlorotoluene	9.757	91	21824M6	1.978	ug/L		
90) 1,3,5-Trimethylbenzene	9.794	105	23271	1.717	ug/L		99
91) 1,2,3-Trichloropropane	9.789	75	5159	1.767	ug/L		96
92) trans-1,4-Dichloro-2-b...	9.820	53	2135	1.707	ug/L		98
93) 4-Chlorotoluene	9.857	91	21700	1.823	ug/L		96
94) tert-Butylbenzene	9.978	119	18864	1.677	ug/L		89
97) 1,2,4-Trimethylbenzene	10.019	105	22216	1.667	ug/L		96
98) sec-Butylbenzene	10.082	105	27933	1.710	ug/L		100
99) p-Isopropyltoluene	10.166	119	22690	1.585	ug/L		98
100) 1,3-Dichlorobenzene	10.203	146	15357	1.928	ug/L		95
101) 1,4-Dichlorobenzene	10.255	146	15669	1.954	ug/L		93
102) p-Diethylbenzene	10.376	119	14224	1.701	ug/L		86
103) n-Butylbenzene	10.407	91	22392	1.707	ug/L		96
104) 1,2-Dichlorobenzene	10.497	146	13393	1.805	ug/L		95
105) 1,2,4,5-Tetramethylben...	10.832	119	19516	1.461	ug/L		99
106) 1,2-Dibromo-3-chloropr...	10.948	155	753	1.231	ug/L		87
107) 1,3,5-Trichlorobenzene	10.969	180	12398	2.022	ug/L		93
108) Hexachlorobutadiene	11.320	225	6611	2.144	ug/L		88
109) 1,2,4-Trichlorobenzene	11.336	180	9746	1.827	ug/L		96
110) Naphthalene	11.514	128	14613	1.428	ug/L		100
111) 1,2,3-Trichlorobenzene	11.619	180	8602	1.705	ug/L		88

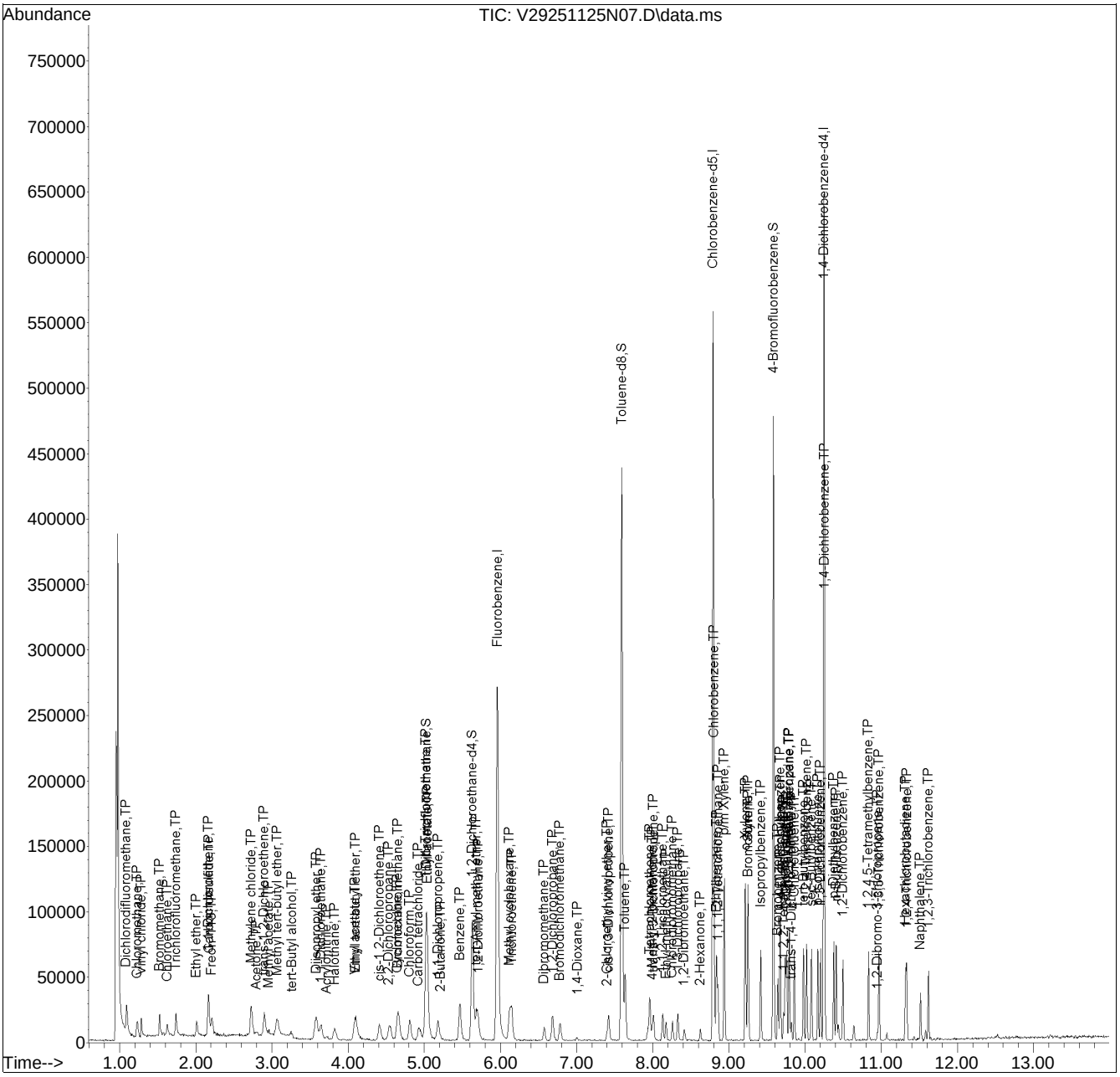
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N07.D
Acq On : 25 Nov 2025 10:50 pm
Operator : VOA129:JIC
Sample : I8260STD2.0PPB
Misc : WG2146823,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 26 08:25:58 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox251125N10.D•

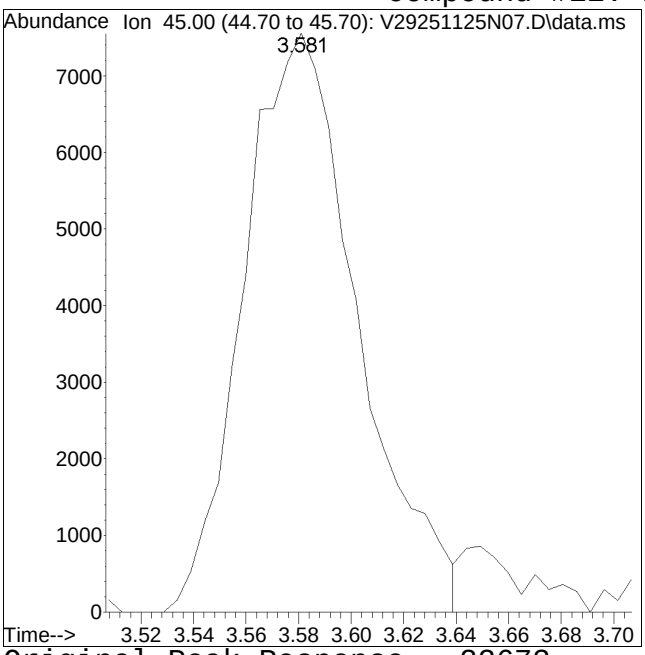


Manual Integration Report

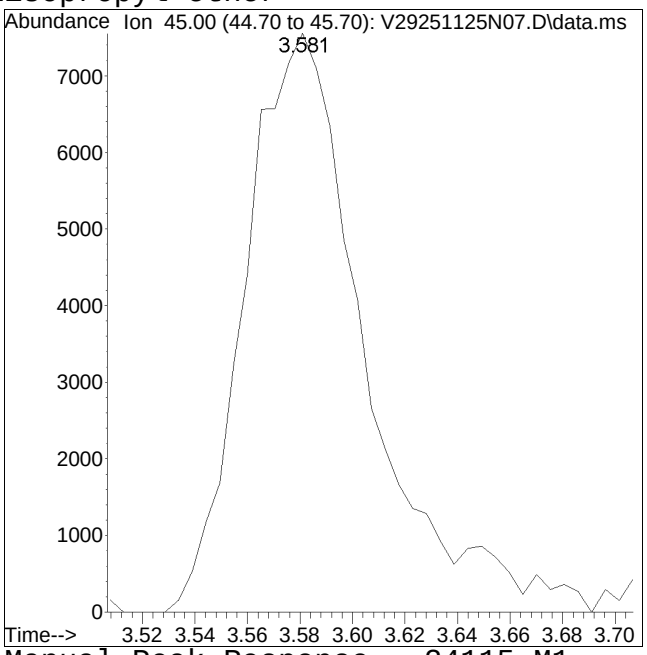
Data Path : K:\VOA129\2025\251125NICALQ
Data File : V29251125N07.D
Date Inj'd : 11/25/2025 10:50 pm
Sample : I8260STD2.0PPB

Method : V129_251125N_8260.m
Operator : VOA129:JIC
Instrument : VOA 129
Quant Date : 11/26/2025 8:20 am

Compound #22: Diisopropyl ether



Original Peak Response = 22673



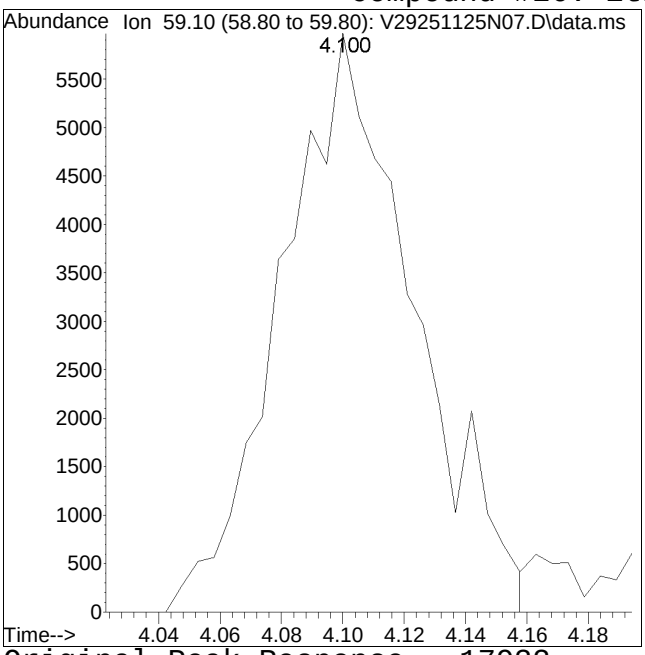
Manual Peak Response = 24115 M1

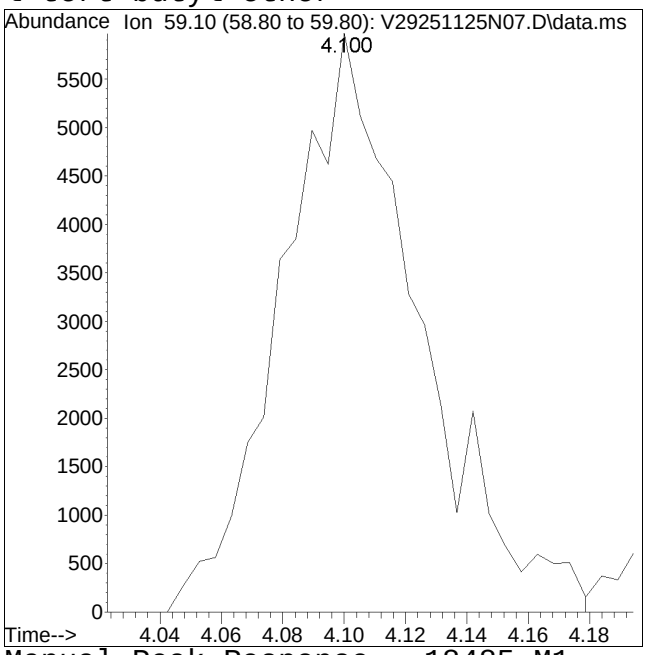
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA129\2025\251125NICALQMethod : V129_251125N_8260.m
Data File : V29251125N07.D Operator : VOA129:JIC
Date Inj'd : 11/25/2025 10:50 pm Instrument : VOA 129
Sample : I8260STD2.0PPB Quant Date : 11/26/2025 8:20 am

Compound #26: Ethyl tert-butyl ether





Original Peak Response = 17932 Manual Peak Response = 18485 M1

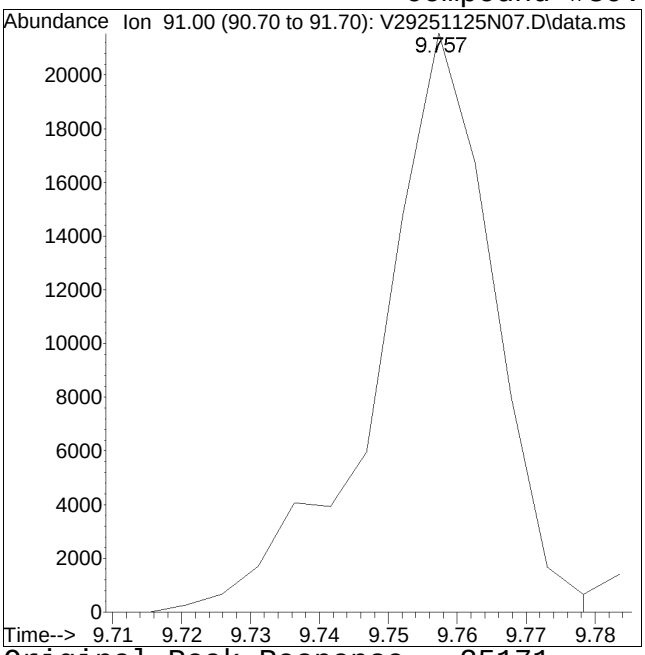
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

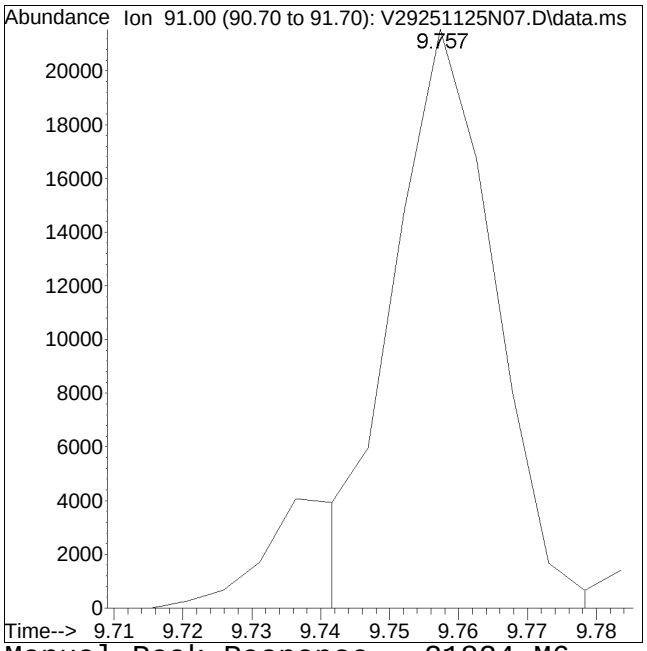
Data Path : K:\VOA129\2025\251125NICALQ
Data File : V29251125N07.D
Date Inj'd : 11/25/2025 10:50 pm
Sample : I8260STD2.0PPB

Method : V129_251125N_8260.m
Operator : VOA129:JIC
Instrument : VOA 129
Quant Date : 11/26/2025 8:20 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 25171



Manual Peak Response = 21824 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N08.D
Acq On : 25 Nov 2025 11:11 pm
Operator : VOA129:JIC
Sample : I8260STD4.0PPB
Misc : WG2146823,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 26 08:28:41 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.956	96	254674	20.000	ug/L	0.00
Standard Area 1 = 272414			Recovery = 93.49%			
59) Chlorobenzene-d5	8.793	117	187477	20.000	ug/L	0.00
Standard Area 1 = 197193			Recovery = 95.07%			
79) 1,4-Dichlorobenzene-d4	10.250	152	103042	20.000	ug/L	0.00
Standard Area 1 = 109857			Recovery = 93.80%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.028	113	65325	20.149	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.74%			
43) 1,2-Dichloroethane-d4	5.631	65	78125	21.824	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 109.12%			
60) Toluene-d8	7.592	98	236733	19.436	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.18%			
83) 4-Bromofluorobenzene	9.584	95	89309	20.031	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.085	85	16124	4.264	ug/L	98
3) Chloromethane	1.227	50	21916	4.545	ug/L	99
4) Vinyl chloride	1.284	62	16241	4.293	ug/L	98
5) Bromomethane	1.526	94	11943	5.379	ug/L	96
6) Chloroethane	1.625	64	9621	4.317	ug/L	97
7) Trichlorofluoromethane	1.741	101	22701	4.541	ug/L	97
8) Ethyl ether	2.013	74	6233M1	4.211	ug/L	
10) 1,1-Dichloroethene	2.160	96	10363	4.213	ug/L	89
11) Carbon disulfide	2.170	76	38739	4.356	ug/L	96
12) Freon-113	2.218	101	10889	4.183	ug/L	92
14) Acrolein	2.490	56	1018M1	2.782	ug/L	
15) Methylene chloride	2.726	84	15437	5.214	ug/L	90
17) Acetone	2.800	43	4412M4	3.886	ug/L	
18) trans-1,2-Dichloroethene	2.894	96	12035	4.196	ug/L	92
19) Methyl acetate	2.962	43	5737	3.191	ug/L #	89
20) Methyl tert-butyl ether	3.072	73	29075M1	3.351	ug/L	
21) tert-Butyl alcohol	3.256	59	6006	14.985	ug/L #	94
22) Diisopropyl ether	3.581	45	41798	3.380	ug/L	89
23) 1,1-Dichloroethane	3.639	63	24526	4.063	ug/L	98
24) Halothane	3.827	117	8607	3.841	ug/L #	68
25) Acrylonitrile	3.722	53	2829M1	2.988	ug/L	

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N08.D
Acq On : 25 Nov 2025 11:11 pm
Operator : VOA129:JIC
Sample : I8260STD4.0PPB
Misc : WG2146823,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 26 08:28:41 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.100	59	35228	3.302	ug/L		97
27) Vinyl acetate	4.079	43	21744	2.941	ug/L		98
28) cis-1,2-Dichloroethene	4.409	96	11627	3.558	ug/L		86
29) 2,2-Dichloropropane	4.546	77	18514	3.870	ug/L		86
30) Bromochloromethane	4.666	128	5556	3.502	ug/L	#	76
31) Cyclohexane	4.650	56	20606	3.702	ug/L		88
32) Chloroform	4.808	83	24381	3.875	ug/L		94
33) Ethyl acetate	5.033	43	9142	3.059	ug/L		94
34) Carbon tetrachloride	4.928	117	16759	3.685	ug/L		97
35) Tetrahydrofuran	4.991	42	3309	4.262	ug/L		96
37) 1,1,1-Trichloroethane	5.017	97	19735	3.753	ug/L	#	96
39) 2-Butanone	5.217	43	4648	3.477	ug/L		98
40) 1,1-Dichloropropene	5.185	75	15193	3.796	ug/L		94
41) Benzene	5.468	78	46102	3.787	ug/L		96
42) tert-Amyl methyl ether	5.683	73	24667	2.891	ug/L		89
44) 1,2-Dichloroethane	5.699	62	17048	3.469	ug/L		97
47) Methyl cyclohexane	6.119	83	17396	3.760	ug/L		91
48) Trichloroethene	6.150	95	13470	3.820	ug/L		89
50) Dibromomethane	6.569	93	6904	3.497	ug/L	#	84
51) 1,2-Dichloropropane	6.685	63	12945	3.590	ug/L		96
53) 2-Chloroethyl vinyl ether	7.403	63	4842	2.691	ug/L	#	93
54) Bromodichloromethane	6.784	83	16853	3.226	ug/L	#	94
57) 1,4-Dioxane	7.005	88	3464	179.524	ug/L		91
58) cis-1,3-Dichloropropene	7.419	75	16297	2.951	ug/L		98
61) Toluene	7.634	92	28947	3.536	ug/L		98
62) 4-Methyl-2-pentanone	7.990	58	2718	2.339	ug/L	#	61
63) Tetrachloroethene	7.964	166	14911	4.132	ug/L		86
65) trans-1,3-Dichloropropene	8.006	75	14245	2.831	ug/L		94
67) Ethyl methacrylate	8.174	69	9112	2.486	ug/L		97
68) 1,1,2-Trichloroethane	8.127	83	7422	3.123	ug/L		90
69) Chlorodibromomethane	8.258	129	11654	3.142	ug/L		92
70) 1,3-Dichloropropane	8.326	76	15230	3.086	ug/L		99
71) 1,2-Dibromoethane	8.415	107	8490	3.099	ug/L		98
72) 2-Hexanone	8.625	43	5535	2.492	ug/L		95
73) Chlorobenzene	8.803	112	32664	3.366	ug/L		98
74) Ethylbenzene	8.834	91	50755	3.181	ug/L		99
75) 1,1,1,2-Tetrachloroethane	8.855	131	11812	3.089	ug/L		96
76) p/m Xylene	8.939	106	37982	6.189	ug/L		97
77) o Xylene	9.217	106	36372	5.989	ug/L		99
78) Styrene	9.249	104	62521	5.876	ug/L		92

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N08.D
Acq On : 25 Nov 2025 11:11 pm
Operator : VOA129:JIC
Sample : I8260STD4.0PPB
Misc : WG2146823,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 26 08:28:41 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80)	Bromoform	9.259	173	6813	2.887	ug/L	95
82)	Isopropylbenzene	9.416	105	52082	3.365	ug/L	100
84)	Bromobenzene	9.642	156	14189	3.387	ug/L	91
85)	n-Propylbenzene	9.673	91	62645	3.440	ug/L	99
86)	1,4-Dichlorobutane	9.679	55	18288	3.144	ug/L	97
87)	1,1,2,2-Tetrachloroethane	9.721	83	10590	3.097	ug/L	99
88)	4-Ethyltoluene	9.742	105	51573	3.393	ug/L	99
89)	2-Chlorotoluene	9.757	91	37391M6	3.362	ug/L	
90)	1,3,5-Trimethylbenzene	9.794	105	44307	3.244	ug/L	91
91)	1,2,3-Trichloropropane	9.789	75	9583	3.256	ug/L	96
92)	trans-1,4-Dichloro-2-b...	9.815	53	3580	2.840	ug/L	96
93)	4-Chlorotoluene	9.857	91	41592	3.467	ug/L	99
94)	tert-Butylbenzene	9.977	119	37566	3.313	ug/L	95
97)	1,2,4-Trimethylbenzene	10.019	105	42534	3.167	ug/L	93
98)	sec-Butylbenzene	10.082	105	57479	3.492	ug/L	100
99)	p-Isopropyltoluene	10.166	119	46765	3.241	ug/L	98
100)	1,3-Dichlorobenzene	10.203	146	29241	3.642	ug/L	97
101)	1,4-Dichlorobenzene	10.255	146	27271	3.374	ug/L	94
102)	p-Diethylbenzene	10.376	119	26237	3.113	ug/L	97
103)	n-Butylbenzene	10.407	91	44968	3.401	ug/L	97
104)	1,2-Dichlorobenzene	10.497	146	26628	3.561	ug/L	98
105)	1,2,4,5-Tetramethylben...	10.832	119	37107	2.755	ug/L	97
106)	1,2-Dibromo-3-chloropr...	10.953	155	1633	2.648	ug/L	92
107)	1,3,5-Trichlorobenzene	10.968	180	22936	3.712	ug/L	93
108)	Hexachlorobutadiene	11.320	225	12167	3.915	ug/L	92
109)	1,2,4-Trichlorobenzene	11.335	180	18454	3.432	ug/L	97
110)	Naphthalene	11.514	128	29202	2.832	ug/L	100
111)	1,2,3-Trichlorobenzene	11.619	180	16836	3.310	ug/L	98

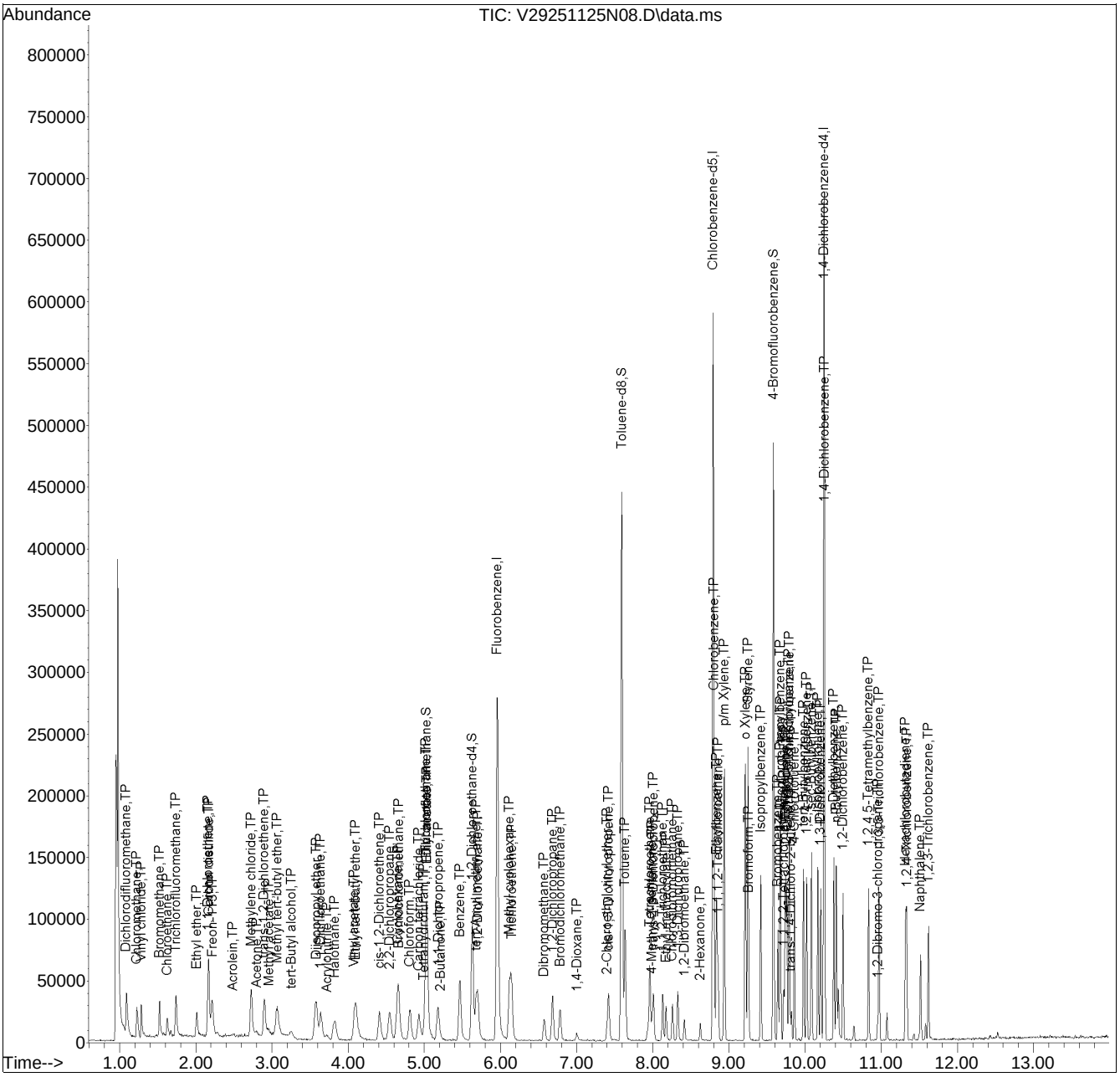
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N08.D
Acq On : 25 Nov 2025 11:11 pm
Operator : VOA129:JIC
Sample : I8260STD4.0PPB
Misc : WG2146823,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 26 08:28:41 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox251125N10.D•

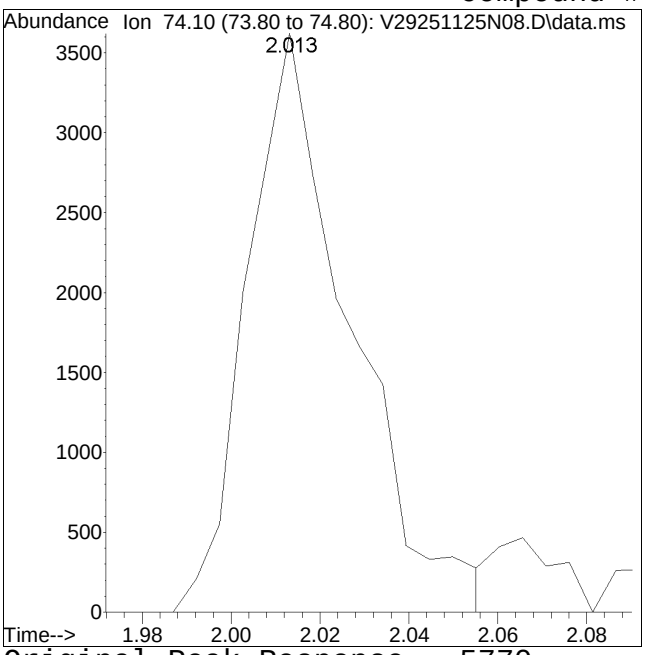


Manual Integration Report

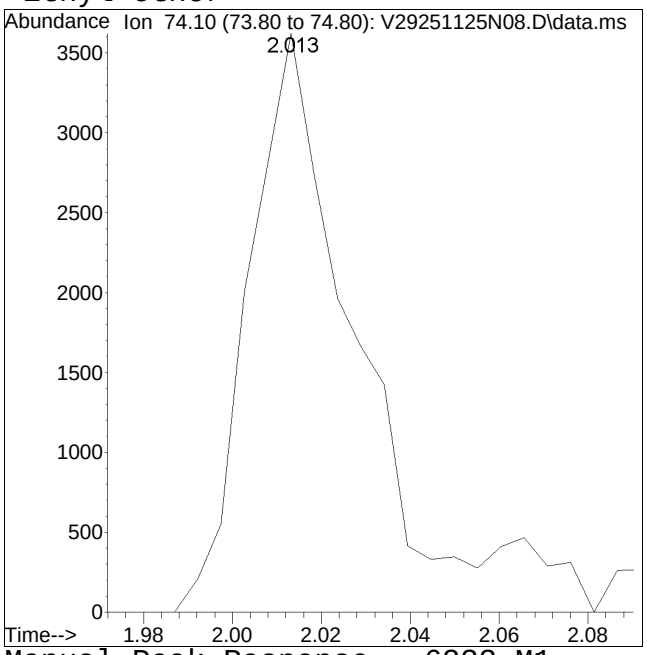
Data Path : K:\VOA129\2025\251125NICALQ
Data File : V29251125N08.D
Date Inj'd : 11/25/2025 11:11 pm
Sample : I8260STD4.0PPB

Method : V129_251125N_8260.m
Operator : VOA129:JIC
Instrument : VOA 129
Quant Date : 11/26/2025 8:20 am

Compound #8: Ethyl ether



Original Peak Response = 5770



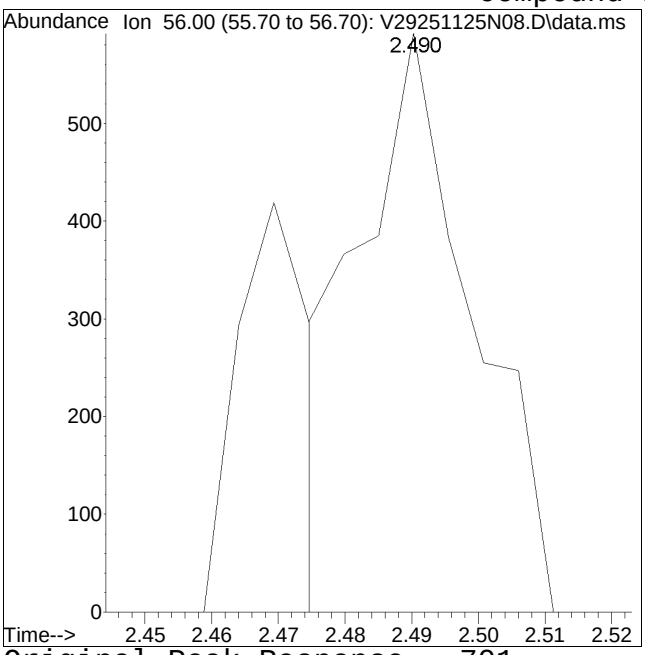
Manual Peak Response = 6233 M1

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

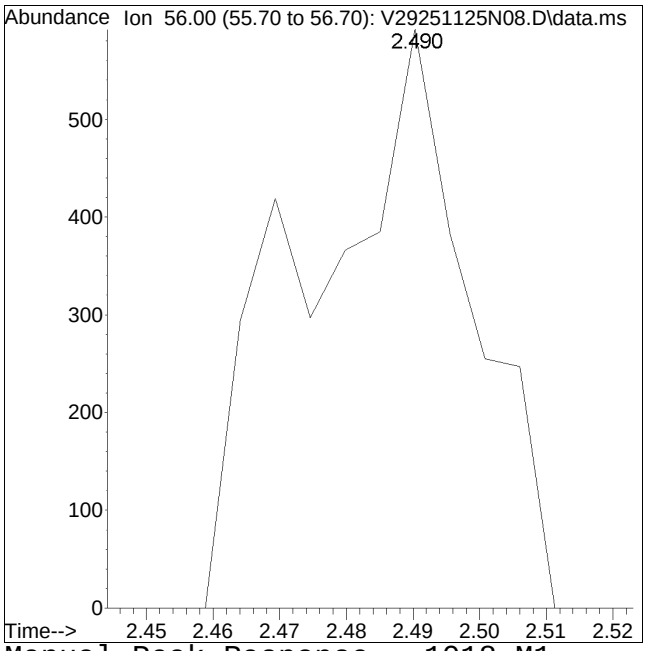
Manual Integration Report

Data Path : K:\VOA129\2025\251125NICALQMethod : V129_251125N_8260.m
Data File : V29251125N08.D Operator : VOA129:JIC
Date Inj'd : 11/25/2025 11:11 pm Instrument : VOA 129
Sample : I8260STD4.0PPB Quant Date : 11/26/2025 8:20 am

Compound #14: Acrolein



Original Peak Response = 701



Manual Peak Response = 1018 M1

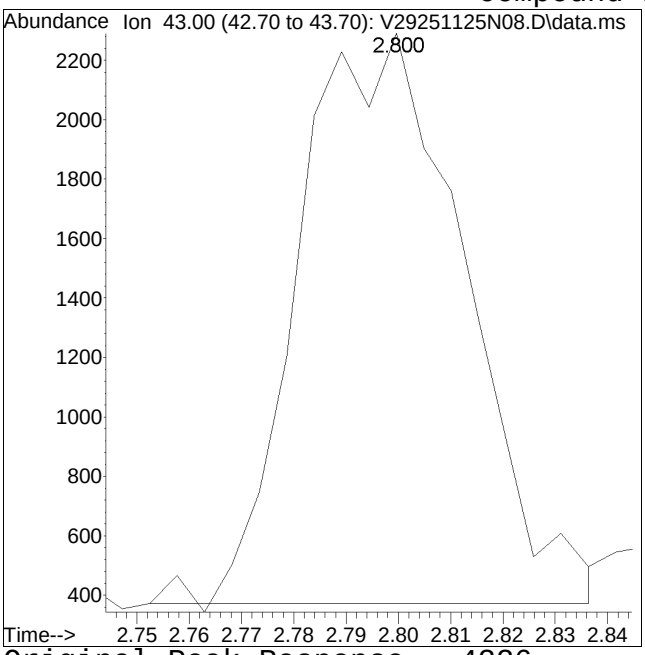
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

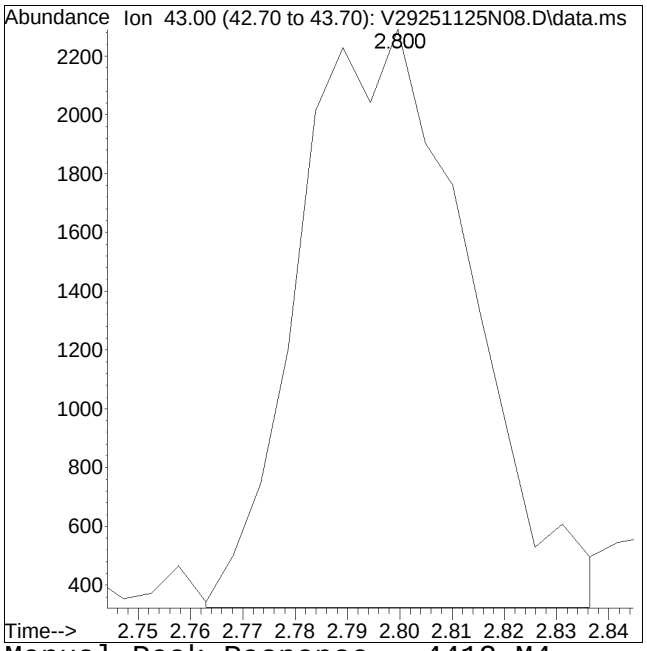
Data Path : K:\VOA129\2025\251125NICALQ
Data File : V29251125N08.D
Date Inj'd : 11/25/2025 11:11 pm
Sample : I8260STD4.0PPB

Method : V129_251125N_8260.m
Operator : VOA129:JIC
Instrument : VOA 129
Quant Date : 11/26/2025 8:20 am

Compound #17: Acetone



Original Peak Response = 4226



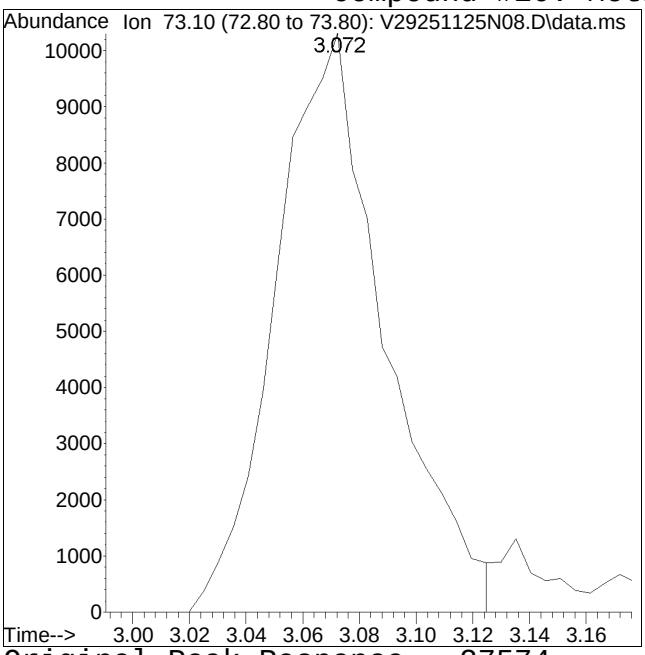
Manual Peak Response = 4412 M4

M4 = Poor automated baseline construction.

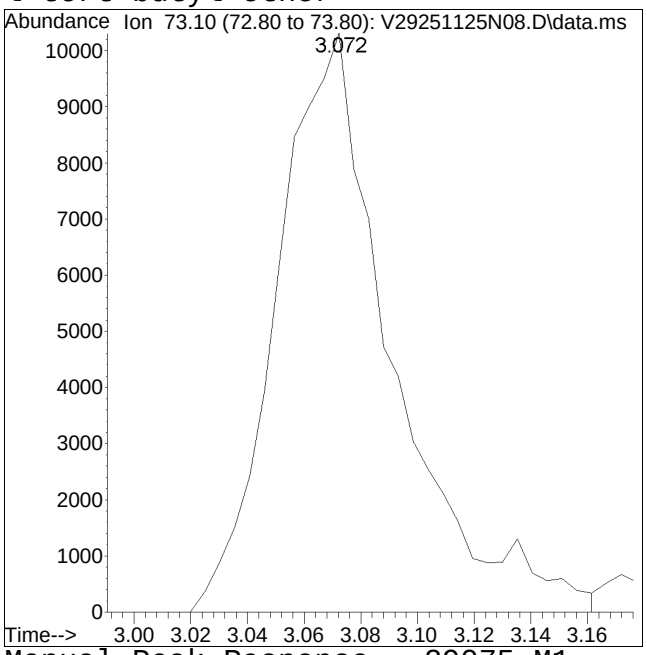
Manual Integration Report

Data Path : K:\VOA129\2025\251125NICALQMethod : V129_251125N_8260.m
Data File : V29251125N08.D Operator : VOA129:JIC
Date Inj'd : 11/25/2025 11:11 pm Instrument : VOA 129
Sample : I8260STD4.0PPB Quant Date : 11/26/2025 8:20 am

Compound #20: Methyl tert-butyl ether



Original Peak Response = 27574



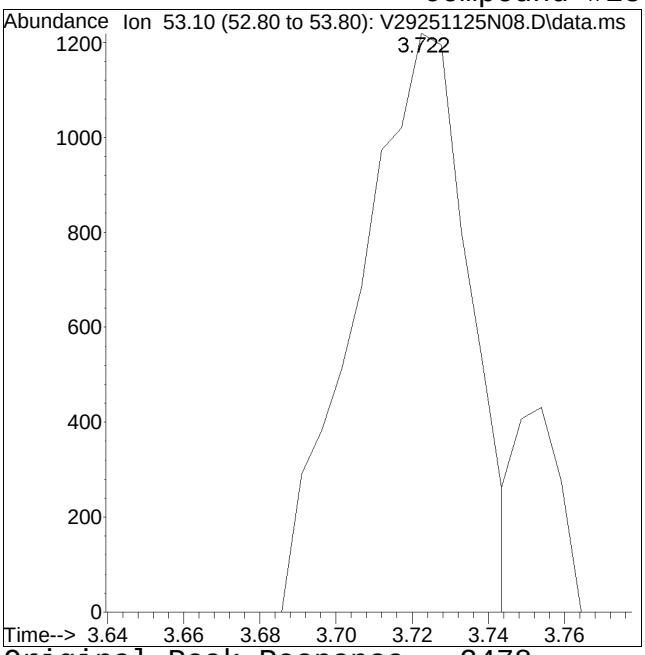
Manual Peak Response = 29075 M1

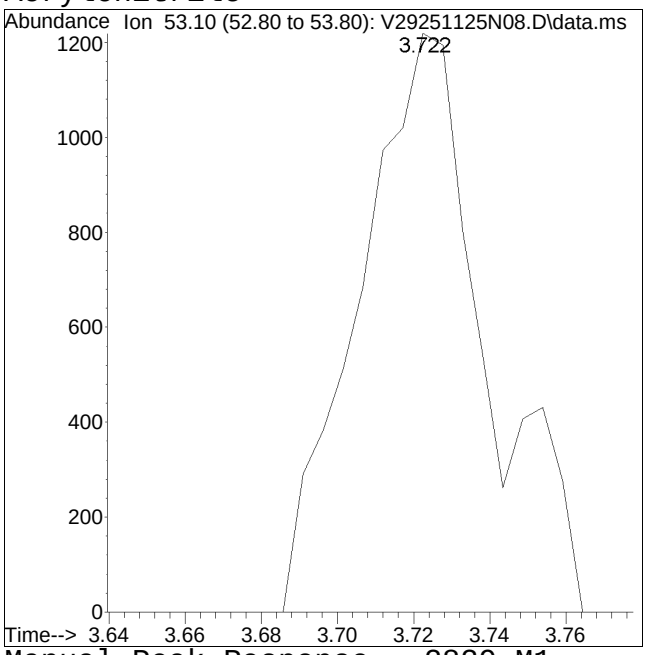
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA129\2025\251125NICALQMethod : V129_251125N_8260.m
Data File : V29251125N08.D Operator : VOA129:JIC
Date Inj'd : 11/25/2025 11:11 pm Instrument : VOA 129
Sample : I8260STD4.0PPB Quant Date : 11/26/2025 8:20 am

Compound #25: Acrylonitrile



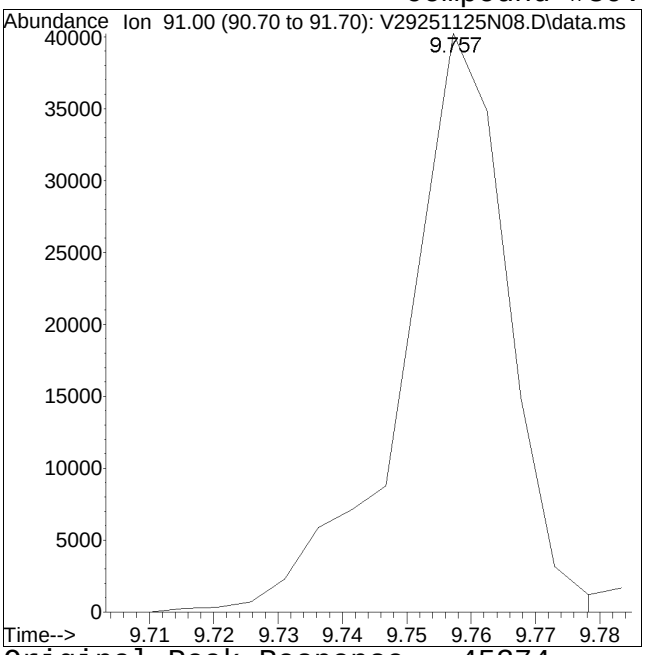


Original Peak Response = 2478 Manual Peak Response = 2829 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

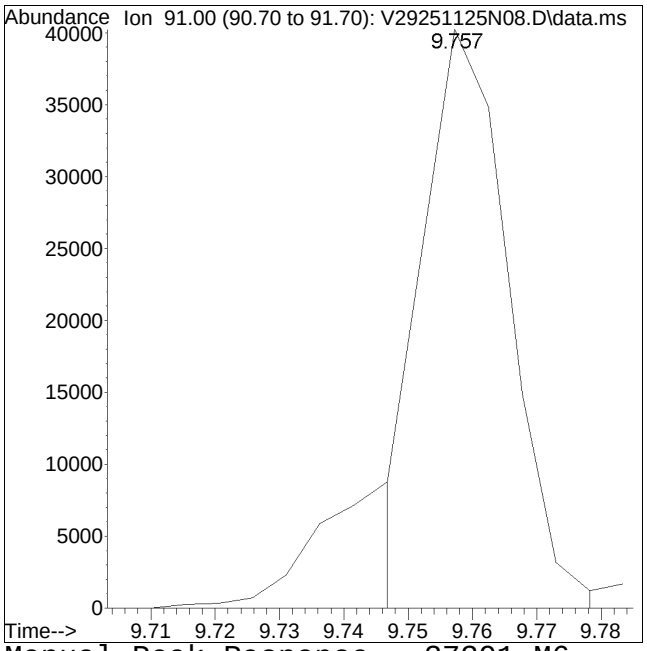
Manual Integration Report

Data Path : K:\VOA129\2025\251125NICALQMethod : V129_251125N_8260.m
Data File : V29251125N08.D Operator : VOA129:JIC
Date Inj'd : 11/25/2025 11:11 pm Instrument : VOA 129
Sample : I8260STD4.0PPB Quant Date : 11/26/2025 8:20 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 45374



Manual Peak Response = 37391 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N09.D
Acq On : 25 Nov 2025 11:32 pm
Operator : VOA129:JIC
Sample : I8260STD20PPB
Misc : WG2146823,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 26 08:30:10 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.956	96	261534	20.000	ug/L	0.00
Standard Area 1 = 272414			Recovery =	96.01%		
59) Chlorobenzene-d5	8.793	117	189134	20.000	ug/L	0.00
Standard Area 1 = 197193			Recovery =	95.91%		
79) 1,4-Dichlorobenzene-d4	10.250	152	107467	20.000	ug/L	0.00
Standard Area 1 = 109857			Recovery =	97.82%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.028	113	62826	18.870	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	94.35%		
43) 1,2-Dichloroethane-d4	5.631	65	72811	19.806	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	99.03%		
60) Toluene-d8	7.592	98	249369	20.294	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	101.47%		
83) 4-Bromofluorobenzene	9.584	95	94113	20.240	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	101.20%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.085	85	92150	23.732	ug/L	99
3) Chloromethane	1.227	50	113947	23.008	ug/L	98
4) Vinyl chloride	1.285	62	90703	23.349	ug/L	96
5) Bromomethane	1.526	94	56249	24.668	ug/L	96
6) Chloroethane	1.625	64	54251	23.705	ug/L	96
7) Trichlorofluoromethane	1.741	101	121862	23.740	ug/L	96
8) Ethyl ether	2.013	74	31584	20.778	ug/L	92
10) 1,1-Dichloroethene	2.165	96	57411	22.727	ug/L	87
11) Carbon disulfide	2.171	76	211241	23.129	ug/L	95
12) Freon-113	2.213	101	62003	23.196	ug/L	95
14) Acrolein	2.485	56	6378	16.971	ug/L	93
15) Methylene chloride	2.726	84	69246	22.773	ug/L	93
17) Acetone	2.800	43	21802	18.700	ug/L	92
18) trans-1,2-Dichloroethene	2.905	96	65015	22.073	ug/L	91
19) Methyl acetate	2.957	43	35046M4	18.979	ug/L	
20) Methyl tert-butyl ether	3.072	73	172839	19.395	ug/L	95
21) tert-Butyl alcohol	3.251	59	29746	72.271	ug/L #	52
22) Diisopropyl ether	3.576	45	246581	19.416	ug/L	93
23) 1,1-Dichloroethane	3.649	63	135314	21.826	ug/L	100
24) Halothane	3.822	117	50990	22.155	ug/L	100
25) Acrylonitrile	3.717	53	18227	18.746	ug/L #	92

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N09.D
Acq On : 25 Nov 2025 11:32 pm
Operator : VOA129:JIC
Sample : I8260STD20PPB
Misc : WG2146823,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 26 08:30:10 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.100	59	208644	19.043	ug/L		97
27) Vinyl acetate	4.084	43	128694	16.949	ug/L		99
28) cis-1,2-Dichloroethene	4.409	96	71103	21.186	ug/L		80
29) 2,2-Dichloropropane	4.546	77	109028	22.195	ug/L		93
30) Bromochloromethane	4.666	128	32645	20.035	ug/L	#	71
31) Cyclohexane	4.651	56	125533	21.961	ug/L		86
32) Chloroform	4.813	83	131747	20.388	ug/L		98
33) Ethyl acetate	5.033	43	52304	17.043	ug/L	#	94
34) Carbon tetrachloride	4.934	117	105600	22.610	ug/L		98
35) Tetrahydrofuran	4.991	42	13227M6	16.589	ug/L		
37) 1,1,1-Trichloroethane	5.018	97	118775	21.997	ug/L	#	96
39) 2-Butanone	5.206	43	22932	16.703	ug/L		99
40) 1,1-Dichloropropene	5.180	75	91711	22.314	ug/L		96
41) Benzene	5.469	78	263363	21.065	ug/L		97
42) tert-Amyl methyl ether	5.683	73	153015	17.463	ug/L		95
44) 1,2-Dichloroethane	5.710	62	97088	19.240	ug/L		99
47) Methyl cyclohexane	6.119	83	106872	22.491	ug/L		91
48) Trichloroethene	6.145	95	77610	21.432	ug/L		95
50) Dibromomethane	6.575	93	36488	17.999	ug/L		91
51) 1,2-Dichloropropane	6.680	63	71616	19.342	ug/L		98
53) 2-Chloroethyl vinyl ether	7.398	63	28234	15.280	ug/L		96
54) Bromodichloromethane	6.785	83	100361	18.705	ug/L		95
57) 1,4-Dioxane	6.994	88	19925M1	1005.542	ug/L		
58) cis-1,3-Dichloropropene	7.424	75	98518	17.369	ug/L		100
61) Toluene	7.639	92	168803	20.438	ug/L		96
62) 4-Methyl-2-pentanone	7.990	58	16899	14.415	ug/L	#	72
63) Tetrachloroethene	7.964	166	80233	22.041	ug/L		90
65) trans-1,3-Dichloropropene	8.011	75	85593	16.861	ug/L		98
67) Ethyl methacrylate	8.174	69	57939	15.670	ug/L		98
68) 1,1,2-Trichloroethane	8.127	83	43341	18.079	ug/L		95
69) Chlorodibromomethane	8.258	129	64441	17.221	ug/L		97
70) 1,3-Dichloropropane	8.331	76	87784	17.630	ug/L		98
71) 1,2-Dibromoethane	8.415	107	48660	17.608	ug/L		98
72) 2-Hexanone	8.625	43	33570	14.982	ug/L	#	93
73) Chlorobenzene	8.803	112	187931	19.194	ug/L		93
74) Ethylbenzene	8.835	91	319326	19.841	ug/L		99
75) 1,1,1,2-Tetrachloroethane	8.856	131	68908	17.864	ug/L		97
76) p/m Xylene	8.939	106	248924	40.208	ug/L		100
77) o Xylene	9.212	106	241475	39.415	ug/L		94
78) Styrene	9.249	104	407034	37.917	ug/L		93

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N09.D
Acq On : 25 Nov 2025 11:32 pm
Operator : VOA129:JIC
Sample : I8260STD20PPB
Misc : WG2146823,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 26 08:30:10 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.259	173	39995	16.253	ug/L	94
82) Isopropylbenzene	9.417	105	328680	20.361	ug/L	97
84) Bromobenzene	9.642	156	81782	18.720	ug/L	95
85) n-Propylbenzene	9.674	91	386101	20.331	ug/L	98
86) 1,4-Dichlorobutane	9.674	55	102478	16.890	ug/L	98
87) 1,1,2,2-Tetrachloroethane	9.715	83	59068	16.563	ug/L	100
88) 4-Ethyltoluene	9.742	105	317493	20.028	ug/L	98
89) 2-Chlorotoluene	9.757	91	241190M6	20.794	ug/L	
90) 1,3,5-Trimethylbenzene	9.794	105	282498	19.829	ug/L	91
91) 1,2,3-Trichloropropane	9.789	75	48564	15.822	ug/L	99
92) trans-1,4-Dichloro-2-b...	9.820	53	21419	16.294	ug/L	97
93) 4-Chlorotoluene	9.857	91	248189	19.834	ug/L	97
94) tert-Butylbenzene	9.978	119	238132	20.137	ug/L	95
97) 1,2,4-Trimethylbenzene	10.020	105	277876	19.836	ug/L	94
98) sec-Butylbenzene	10.082	105	357602	20.830	ug/L	98
99) p-Isopropyltoluene	10.166	119	303631	20.179	ug/L	97
100) 1,3-Dichlorobenzene	10.203	146	163687	19.548	ug/L	98
101) 1,4-Dichlorobenzene	10.255	146	164044	19.461	ug/L	98
102) p-Diethylbenzene	10.376	119	176072	20.029	ug/L	93
103) n-Butylbenzene	10.408	91	289333	20.981	ug/L	98
104) 1,2-Dichlorobenzene	10.497	146	149887	19.218	ug/L	97
105) 1,2,4,5-Tetramethylben...	10.832	119	260287	18.531	ug/L	98
106) 1,2-Dibromo-3-chloropr...	10.953	155	9591	14.912	ug/L	93
107) 1,3,5-Trichlorobenzene	10.969	180	129569	20.105	ug/L	94
108) Hexachlorobutadiene	11.320	225	65869	20.321	ug/L	97
109) 1,2,4-Trichlorobenzene	11.336	180	105454	18.805	ug/L	99
110) Naphthalene	11.514	128	173296	16.115	ug/L	100
111) 1,2,3-Trichlorobenzene	11.619	180	96138	18.124	ug/L	99

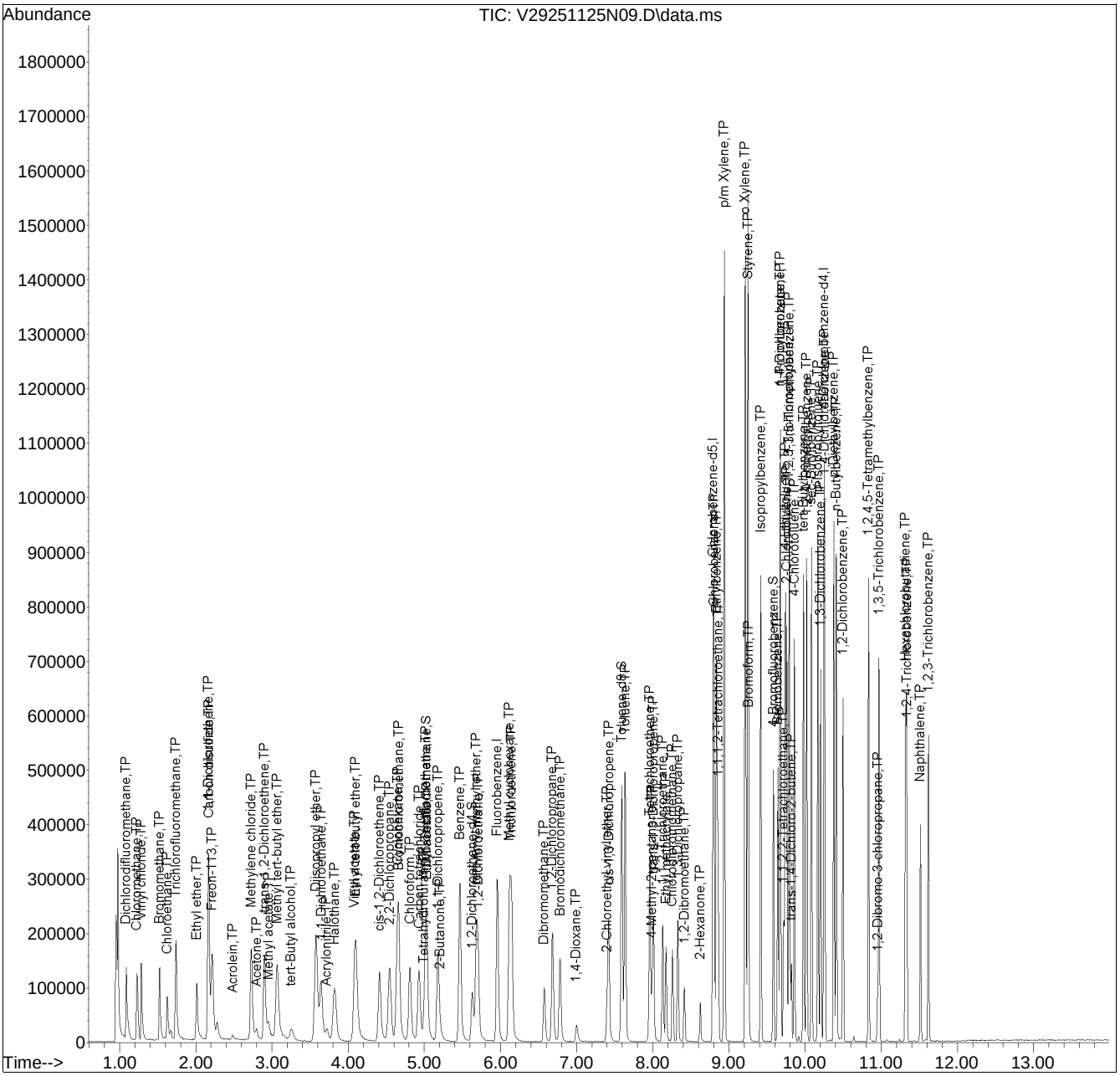
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N09.D
Acq On : 25 Nov 2025 11:32 pm
Operator : VOA129:JIC
Sample : I8260STD20PPB
Misc : WG2146823,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 26 08:30:10 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox251125N10.D•

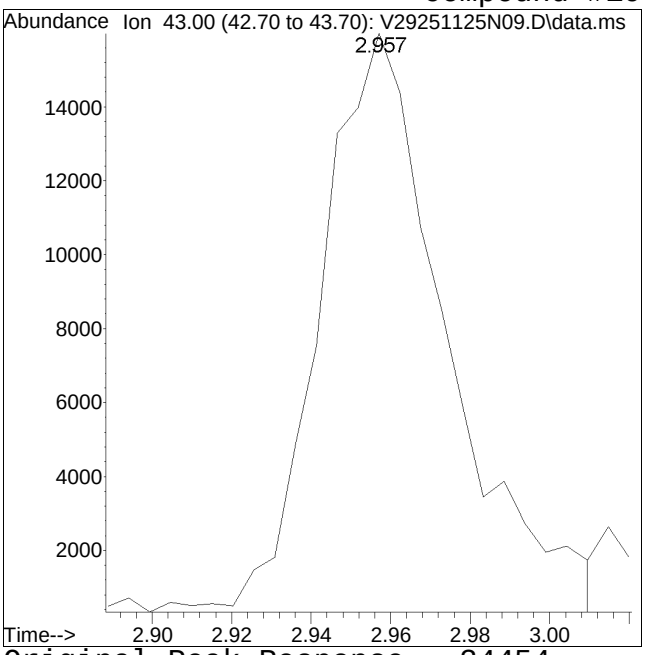


Manual Integration Report

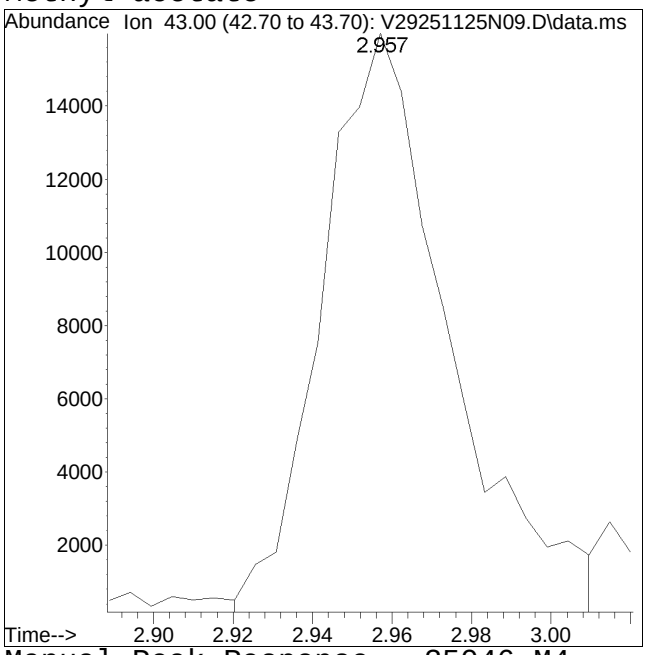
Data Path : K:\VOA129\2025\251125NICALQ
Data File : V29251125N09.D
Date Inj'd : 11/25/2025 11:32 pm
Sample : I8260STD20PPB

Method : V129_251125N_8260.m
Operator : VOA129:JIC
Instrument : VOA 129
Quant Date : 11/26/2025 8:20 am

Compound #19: Methyl acetate



Original Peak Response = 34454



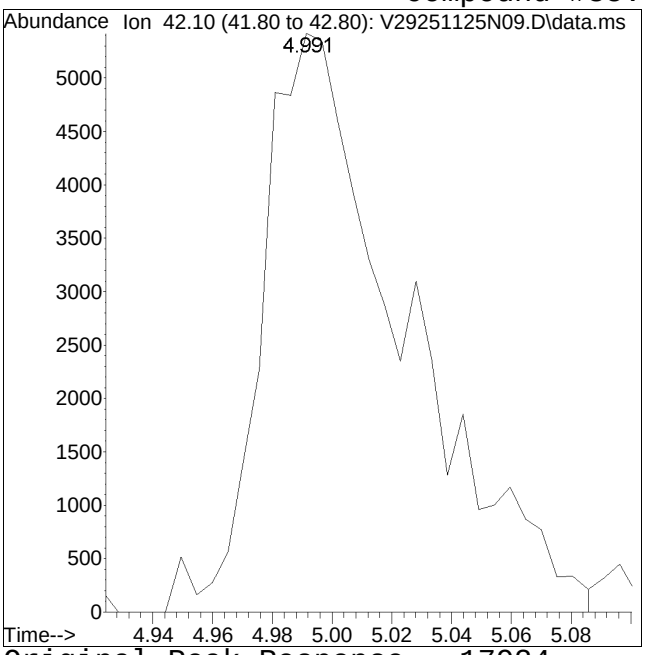
Manual Peak Response = 35046 M4

M4 = Poor automated baseline construction.

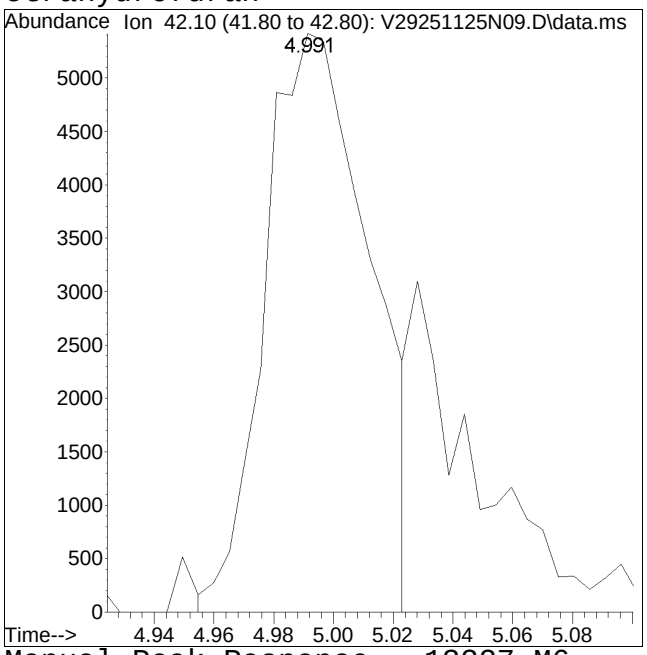
Manual Integration Report

Data Path : K:\VOA129\2025\251125NICALQMethod : V129_251125N_8260.m
Data File : V29251125N09.D Operator : VOA129:JIC
Date Inj'd : 11/25/2025 11:32 pm Instrument : VOA 129
Sample : I8260STD20PPB Quant Date : 11/26/2025 8:20 am

Compound #35: Tetrahydrofuran



Original Peak Response = 17924



Manual Peak Response = 13227 M6

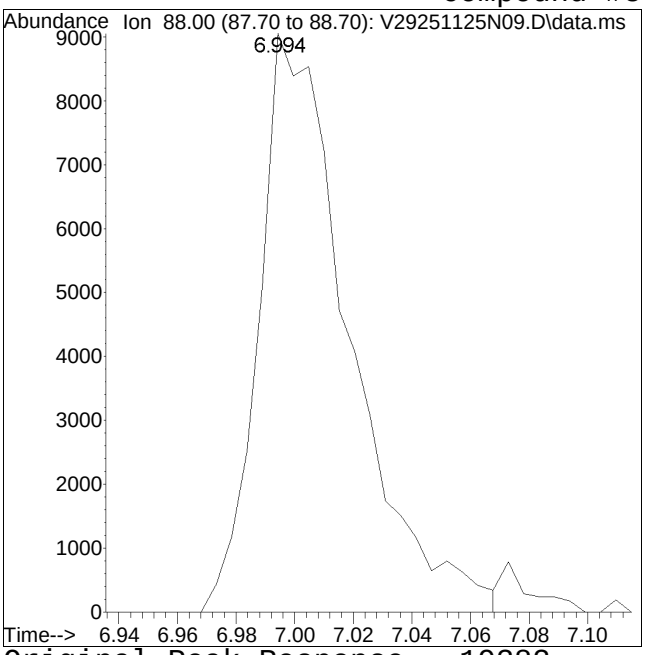
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

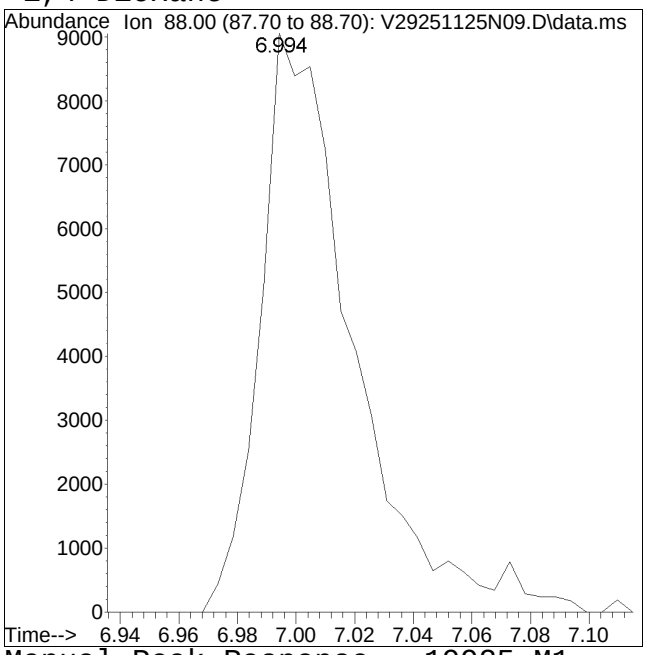
Data Path : K:\VOA129\2025\251125NICALQ
Data File : V29251125N09.D
Date Inj'd : 11/25/2025 11:32 pm
Sample : I8260STD20PPB

Method : V129_251125N_8260.m
Operator : VOA129:JIC
Instrument : VOA 129
Quant Date : 11/26/2025 8:20 am

Compound #57: 1,4-Dioxane



Original Peak Response = 19382



Manual Peak Response = 19925 M1

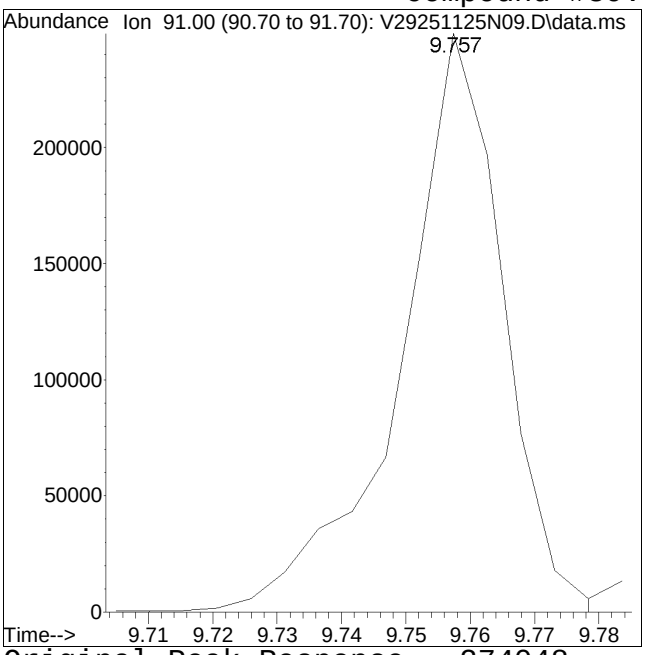
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

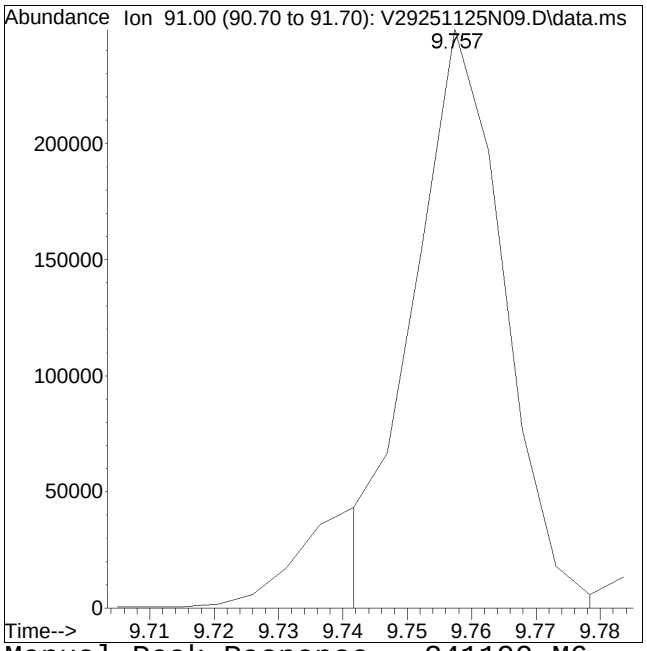
Data Path : K:\VOA129\2025\251125NICALQ
Data File : V29251125N09.D
Date Inj'd : 11/25/2025 11:32 pm
Sample : I8260STD20PPB

Method : V129_251125N_8260.m
Operator : VOA129:JIC
Instrument : VOA 129
Quant Date : 11/26/2025 8:20 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 274048



Manual Peak Response = 241190 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N10.D
Acq On : 25 Nov 2025 11:52 pm
Operator : VOA129:JIC
Sample : I8260STD40PPB
Misc : WG2146823,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 26 08:18:38 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 12:06:44 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.956	96	272414	20.000	ug/L	0.00
Standard Area 1 = 272414			Recovery = 100.00%			
59) Chlorobenzene-d5	8.793	117	197193	20.000	ug/L	0.00
Standard Area 1 = 197193			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	10.250	152	109857	20.000	ug/L	0.00
Standard Area 1 = 109857			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.033	113	69360	21.536	ug/L	0.01
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.68%			
43) 1,2-Dichloroethane-d4	5.631	65	76582	25.074	ug/L	0.01
Spiked Amount 20.000	Range 70 - 130		Recovery = 125.37%			
60) Toluene-d8	7.592	98	256229	18.830	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.15%			
83) 4-Bromofluorobenzene	9.584	95	95067	20.013	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.07%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.085	85	161779	51.872	ug/L	99
3) Chloromethane	1.227	50	206337	39.411	ug/L	99
4) Vinyl chloride	1.284	62	161850	39.660	ug/L	97
5) Bromomethane	1.526	94	95004	44.979	ug/L	97
6) Chloroethane	1.625	64	95353	41.104	ug/L	96
7) Trichlorofluoromethane	1.741	101	213873	52.605	ug/L	97
8) Ethyl ether	2.013	74	63331	50.388	ug/L	87
10) 1,1-Dichloroethene	2.165	96	105250	40.361	ug/L	84
11) Carbon disulfide	2.170	76	380529	43.416	ug/L	97
12) Freon-113	2.218	101	111367	44.276	ug/L	93
14) Acrolein	2.485	56	15658	49.220	ug/L	100
15) Methylene chloride	2.726	84	126687	47.116	ug/L	94
17) Acetone	2.794	43	48575	50.383	ug/L	93
18) trans-1,2-Dichloroethene	2.899	96	122722	41.152	ug/L	90
19) Methyl acetate	2.957	43	76935	54.671	ug/L #	98
20) Methyl tert-butyl ether	3.067	73	371281	62.258	ug/L	95
21) tert-Butyl alcohol	3.266	59	85743	402.336	ug/L #	59
22) Diisopropyl ether	3.581	45	529116	45.216	ug/L	94
23) 1,1-Dichloroethane	3.649	63	258301	44.107	ug/L	99
24) Halothane	3.817	117	95889	42.114	ug/L	100
25) Acrylonitrile	3.722	53	40511	61.551	ug/L	98

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N10.D
Acq On : 25 Nov 2025 11:52 pm
Operator : VOA129:JIC
Sample : I8260STD40PPB
Misc : WG2146823,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 26 08:18:38 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 12:06:44 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.100	59	456499	52.637	ug/L		91
27) Vinyl acetate	4.089	43	316352	54.988	ug/L		99
28) cis-1,2-Dichloroethene	4.415	96	139833	43.742	ug/L		82
29) 2,2-Dichloropropane	4.546	77	204669	48.319	ug/L		93
30) Bromochloromethane	4.666	128	67888	50.833	ug/L	#	73
31) Cyclohexane	4.650	56	238160	39.972	ug/L		91
32) Chloroform	4.808	83	269235	53.060	ug/L		97
33) Ethyl acetate	5.033	43	127867	61.545	ug/L	#	92
34) Carbon tetrachloride	4.928	117	194593	51.264	ug/L		98
35) Tetrahydrofuran	4.986	42	33220M6	51.906	ug/L		
37) 1,1,1-Trichloroethane	5.023	97	224969	52.104	ug/L	#	97
39) 2-Butanone	5.206	43	57200	63.687	ug/L	#	46
40) 1,1-Dichloropropene	5.180	75	171237	45.676	ug/L		97
41) Benzene	5.468	78	520897	45.276	ug/L		97
42) tert-Amyl methyl ether	5.689	73	365078	59.728	ug/L		97
44) 1,2-Dichloroethane	5.704	62	210245	65.793	ug/L		98
47) Methyl cyclohexane	6.124	83	197978	39.132	ug/L		91
48) Trichloroethene	6.150	95	150877	45.752	ug/L		96
50) Dibromomethane	6.575	93	84460	65.062	ug/L		90
51) 1,2-Dichloropropane	6.685	63	154269	48.524	ug/L		97
53) 2-Chloroethyl vinyl ether	7.403	63	76988	72.359	ug/L		97
54) Bromodichloromethane	6.784	83	223552	66.399	ug/L		99
57) 1,4-Dioxane	6.999	88	41279M1	2912.317	ug/L		
58) cis-1,3-Dichloropropene	7.419	75	236315	60.425	ug/L		99
61) Toluene	7.639	92	344445	44.879	ug/L		97
62) 4-Methyl-2-pentanone	7.990	58	48890	68.412	ug/L	#	86
63) Tetrachloroethene	7.959	166	151810	44.198	ug/L		92
65) trans-1,3-Dichloropropene	8.011	75	211702	66.465	ug/L		100
67) Ethyl methacrylate	8.174	69	154196	65.376	ug/L		99
68) 1,1,2-Trichloroethane	8.127	83	99978	60.253	ug/L		93
69) Chlorodibromomethane	8.258	129	156054	66.392	ug/L		97
70) 1,3-Dichloropropane	8.331	76	207658	61.300	ug/L		98
71) 1,2-Dibromoethane	8.415	107	115249	62.712	ug/L		97
72) 2-Hexanone	8.625	43	93448	65.751	ug/L		96
73) Chlorobenzene	8.803	112	408331	48.432	ug/L		92
74) Ethylbenzene	8.834	91	671201	47.193	ug/L		100
75) 1,1,1,2-Tetrachloroethane	8.855	131	160873	57.084	ug/L		97
76) p/m Xylene	8.939	106	516375	95.071	ug/L		100
77) o Xylene	9.217	106	511007	99.603	ug/L		95
78) Styrene	9.249	104	895388	109.895	ug/L		93

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N10.D
Acq On : 25 Nov 2025 11:52 pm
Operator : VOA129:JIC
Sample : I8260STD40PPB
Misc : WG2146823,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 26 08:18:38 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 12:06:44 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.259	173	100623	70.216	ug/L	97
82) Isopropylbenzene	9.416	105	660077	43.102	ug/L	98
84) Bromobenzene	9.642	156	178635	47.799	ug/L	95
85) n-Propylbenzene	9.673	91	776514	42.685	ug/L	98
86) 1,4-Dichlorobutane	9.679	55	248096	55.669	ug/L	98
87) 1,1,2,2-Tetrachloroethane	9.721	83	145826	62.212	ug/L	99
88) 4-Ethyltoluene	9.742	105	648192	43.074	ug/L	98
89) 2-Chlorotoluene	9.757	91	474288M6	43.472	ug/L	
90) 1,3,5-Trimethylbenzene	9.794	105	582542	45.176	ug/L	94
91) 1,2,3-Trichloropropane	9.789	75	125509	66.830	ug/L	98
92) trans-1,4-Dichloro-2-b...	9.820	53	53751	81.677	ug/L	95
93) 4-Chlorotoluene	9.857	91	511654	46.515	ug/L	94
94) tert-Butylbenzene	9.977	119	483539	42.105	ug/L	96
97) 1,2,4-Trimethylbenzene	10.019	105	572800	46.010	ug/L	94
98) sec-Butylbenzene	10.082	105	701974	42.029	ug/L	97
99) p-Isopropyltoluene	10.166	119	615247	42.732	ug/L	97
100) 1,3-Dichlorobenzene	10.208	146	342394	44.923	ug/L	98
101) 1,4-Dichlorobenzene	10.255	146	344665	45.783	ug/L	98
102) p-Diethylbenzene	10.376	119	359453	41.478	ug/L	94
103) n-Butylbenzene	10.413	91	563884	44.356	ug/L	99
104) 1,2-Dichlorobenzene	10.497	146	318913	47.561	ug/L	98
105) 1,2,4,5-Tetramethylben...	10.832	119	574333	46.618	ug/L	98
106) 1,2-Dibromo-3-chloropr...	10.953	155	26299	73.260	ug/L	95
107) 1,3,5-Trichlorobenzene	10.974	180	263513	46.134	ug/L	94
108) Hexachlorobutadiene	11.320	225	132540	48.555	ug/L	94
109) 1,2,4-Trichlorobenzene	11.335	180	229304	49.744	ug/L	97
110) Naphthalene	11.514	128	439727	55.699	ug/L	100
111) 1,2,3-Trichlorobenzene	11.619	180	216896	53.226	ug/L	99

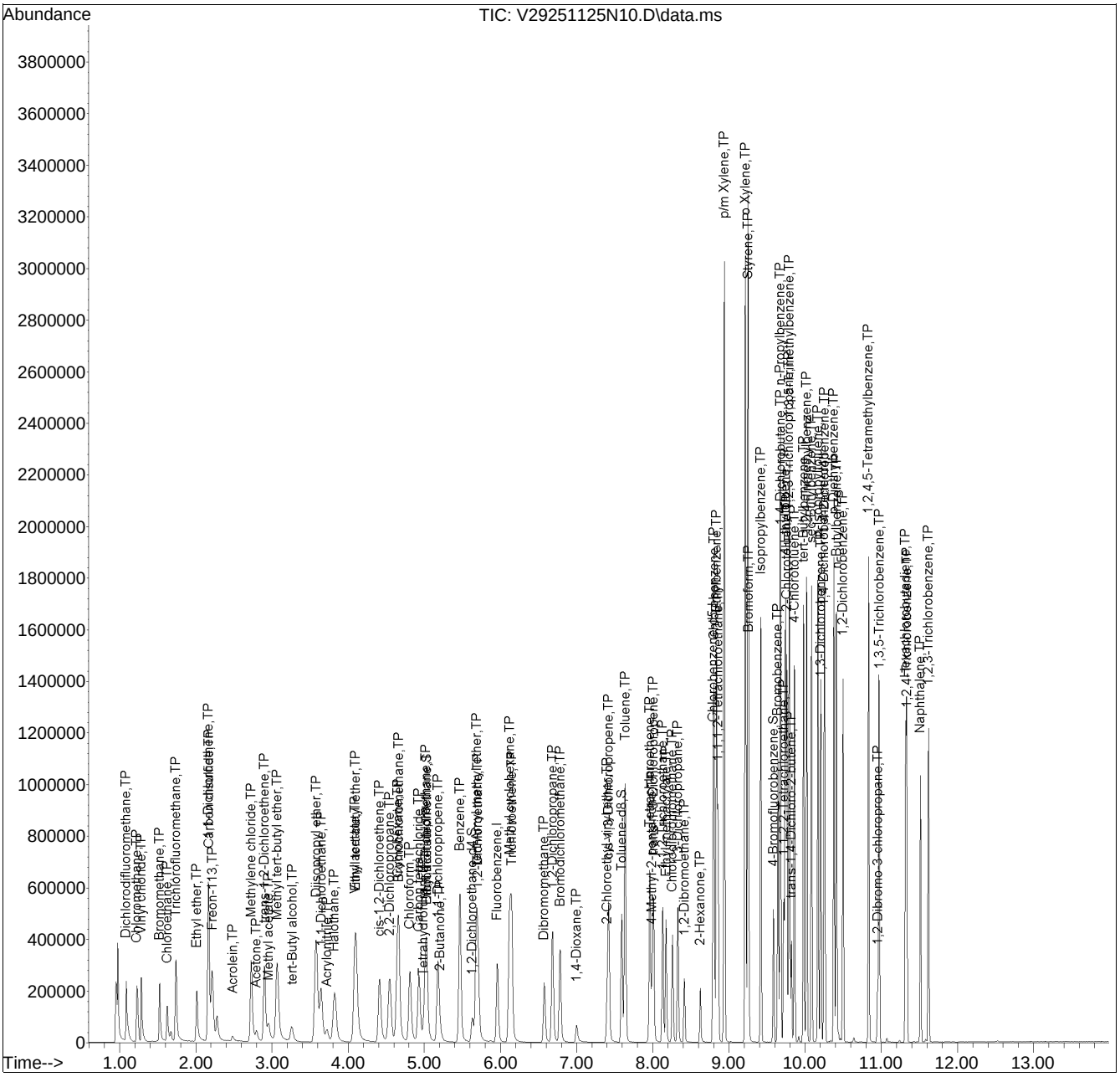
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N10.D
Acq On : 25 Nov 2025 11:52 pm
Operator : VOA129:JIC
Sample : I8260STD40PPB
Misc : WG2146823,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 26 08:18:38 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Oct 24 12:06:44 2025
Response via : Initial Calibration

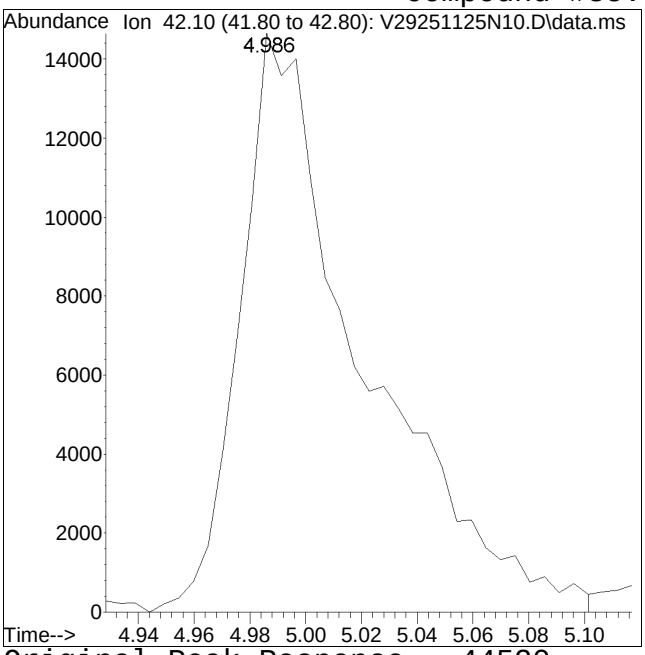
Sub List : 8260-CurveSoil - Megamix plus Diox251125N10.D•



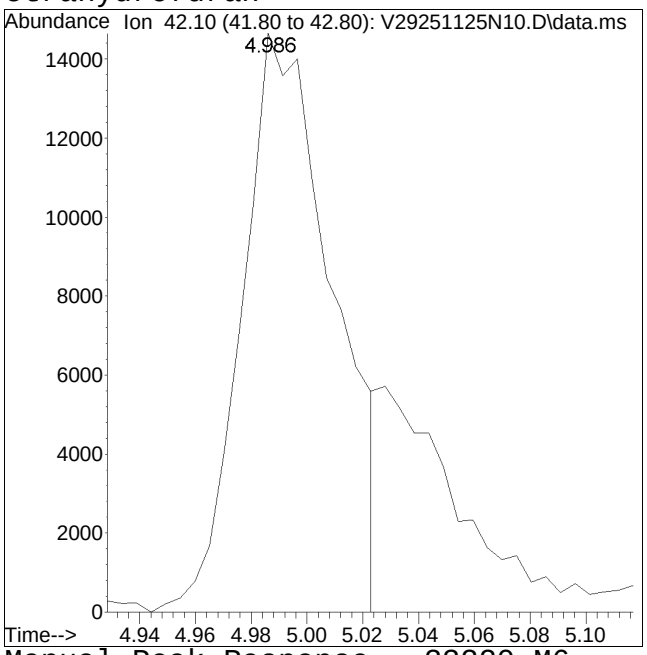
Manual Integration Report

Data Path : K:\VOA129\2025\251125NICALQMethod : V129_251125N_8260.m
Data File : V29251125N10.D Operator : VOA129:JIC
Date Inj'd : 11/25/2025 11:52 pm Instrument : VOA 129
Sample : I8260STD40PPB Quant Date : 11/26/2025 8:14 am

Compound #35: Tetrahydrofuran



Original Peak Response = 44520



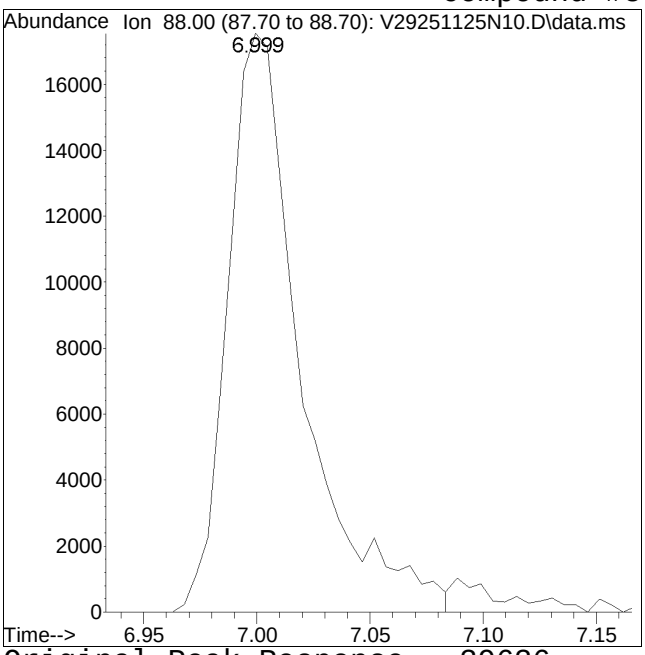
Manual Peak Response = 33220 M6

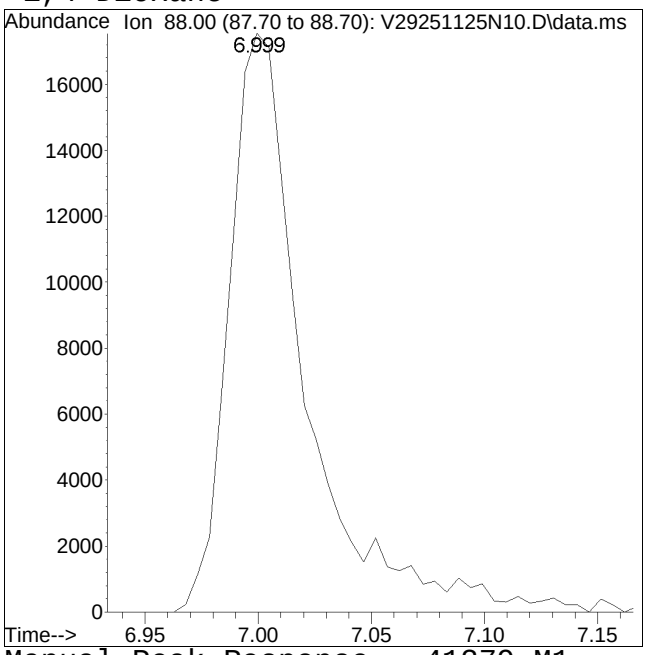
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA129\2025\251125NICALQMethod : V129_251125N_8260.m
Data File : V29251125N10.D Operator : VOA129:JIC
Date Inj'd : 11/25/2025 11:52 pm Instrument : VOA 129
Sample : I8260STD40PPB Quant Date : 11/26/2025 8:14 am

Compound #57: 1,4-Dioxane





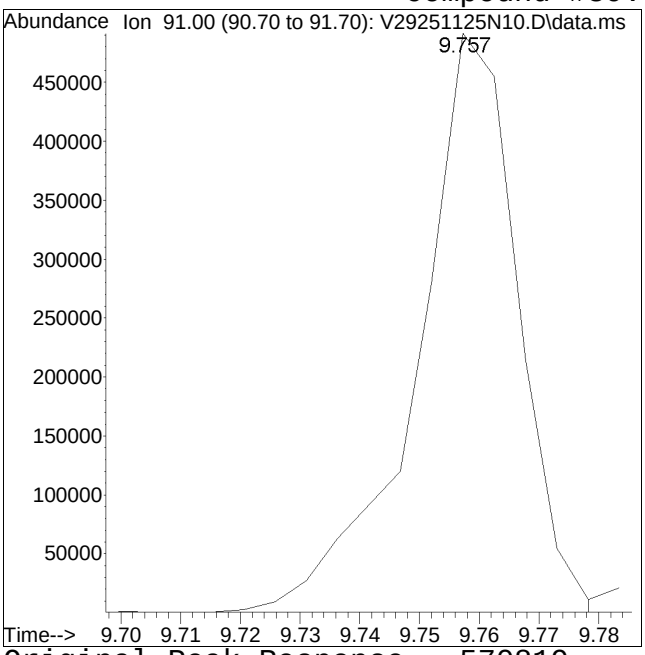
Original Peak Response = 39636 Manual Peak Response = 41279 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

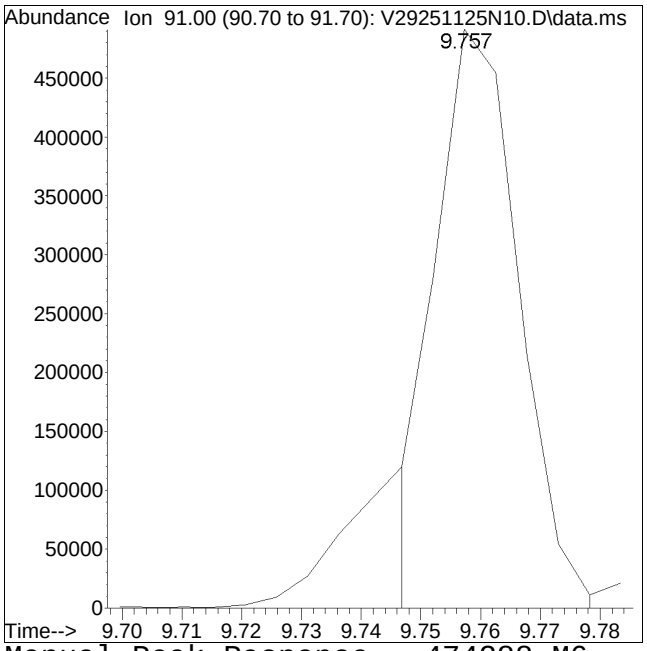
Data Path : K:\VOA129\2025\251125NICALQ
Data File : V29251125N10.D
Date Inj'd : 11/25/2025 11:52 pm
Sample : I8260STD40PPB

Method : V129_251125N_8260.m
Operator : VOA129:JIC
Instrument : VOA 129
Quant Date : 11/26/2025 8:14 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 570819



Manual Peak Response = 474288 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N11.D
Acq On : 26 Nov 2025 12:13 am
Operator : VOA129:JIC
Sample : I8260STD100PPB
Misc : WG2146823,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 26 08:31:26 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.961	96	266156	20.000	ug/L	0.00
Standard Area 1 = 272414			Recovery = 97.70%			
59) Chlorobenzene-d5	8.793	117	201489	20.000	ug/L	0.00
Standard Area 1 = 197193			Recovery = 102.18%			
79) 1,4-Dichlorobenzene-d4	10.250	152	111897	20.000	ug/L	0.00
Standard Area 1 = 109857			Recovery = 101.86%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.039	113	66053	19.494	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.47%			
43) 1,2-Dichloroethane-d4	5.631	65	75580	20.202	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.01%			
60) Toluene-d8	7.592	98	255157	19.492	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.46%			
83) 4-Bromofluorobenzene	9.584	95	94701	19.560	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.085	85	459851	116.372	ug/L	100
3) Chloromethane	1.232	50	558061	110.728	ug/L	99
4) Vinyl chloride	1.285	62	463391	117.216	ug/L	97
5) Bromomethane	1.526	94	253722	109.338	ug/L	99
6) Chloroethane	1.620	64	270319	116.063	ug/L	99
7) Trichlorofluoromethane	1.741	101	612628	117.272	ug/L	97
8) Ethyl ether	2.013	74	169105	109.318	ug/L	89
10) 1,1-Dichloroethene	2.165	96	300738	116.982	ug/L	84
11) Carbon disulfide	2.171	76	1076430	115.811	ug/L	96
12) Freon-113	2.213	101	319138	117.321	ug/L	94
14) Acrolein	2.485	56	39081	102.184	ug/L	98
15) Methylene chloride	2.726	84	336295	108.678	ug/L	93
17) Acetone	2.800	43	110741	93.336	ug/L	96
18) trans-1,2-Dichloroethene	2.905	96	334996	111.756	ug/L	90
19) Methyl acetate	2.957	43	182577	97.157	ug/L #	98
20) Methyl tert-butyl ether	3.067	73	925502	102.053	ug/L	95
21) tert-Butyl alcohol	3.256	59	166324	397.081	ug/L #	59
22) Diisopropyl ether	3.581	45	1331975	103.062	ug/L	95
23) 1,1-Dichloroethane	3.644	63	683982	108.411	ug/L	99
24) Halothane	3.822	117	249837	106.670	ug/L	100
25) Acrylonitrile	3.723	53	90745	91.707	ug/L	95

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N11.D
Acq On : 26 Nov 2025 12:13 am
Operator : VOA129:JIC
Sample : I8260STD100PPB
Misc : WG2146823,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 26 08:31:26 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.100	59	1162261	104.236	ug/L		91
27) Vinyl acetate	4.090	43	808825	104.674	ug/L		99
28) cis-1,2-Dichloroethene	4.415	96	367340	107.550	ug/L		81
29) 2,2-Dichloropropane	4.546	77	559047	111.828	ug/L		96
30) Bromochloromethane	4.666	128	164187	99.015	ug/L	#	72
31) Cyclohexane	4.651	56	704152	121.046	ug/L		86
32) Chloroform	4.808	83	678451	103.167	ug/L		98
33) Ethyl acetate	5.033	43	289515	92.697	ug/L	#	93
34) Carbon tetrachloride	4.928	117	554857	116.737	ug/L		99
35) Tetrahydrofuran	4.991	42	73296M6	90.330	ug/L		
37) 1,1,1-Trichloroethane	5.018	97	616223	112.142	ug/L	#	96
39) 2-Butanone	5.206	43	120460	86.218	ug/L	#	79
40) 1,1-Dichloropropene	5.175	75	488696	116.841	ug/L		98
41) Benzene	5.468	78	1352397	106.293	ug/L		97
42) tert-Amyl methyl ether	5.689	73	888342	99.620	ug/L		99
44) 1,2-Dichloroethane	5.710	62	506027	98.537	ug/L		98
47) Methyl cyclohexane	6.119	83	614575	127.090	ug/L		88
48) Trichloroethene	6.145	95	389377	105.658	ug/L		96
50) Dibromomethane	6.575	93	190645	92.412	ug/L		89
51) 1,2-Dichloropropane	6.685	63	378460	100.437	ug/L		98
53) 2-Chloroethyl vinyl ether	7.403	63	192061	102.134	ug/L		98
54) Bromodichloromethane	6.785	83	514784	94.276	ug/L		98
57) 1,4-Dioxane	6.999	88	116165	5760.621	ug/L	#	86
58) cis-1,3-Dichloropropene	7.424	75	565906	98.041	ug/L		97
61) Toluene	7.639	92	874283	99.365	ug/L		97
62) 4-Methyl-2-pentanone	7.990	58	103725	83.055	ug/L	#	81
63) Tetrachloroethene	7.964	166	413228	106.559	ug/L		91
65) trans-1,3-Dichloropropene	8.011	75	492886	91.143	ug/L		99
67) Ethyl methacrylate	8.174	69	360214	91.451	ug/L		98
68) 1,1,2-Trichloroethane	8.132	83	223954	87.691	ug/L		94
69) Chlorodibromomethane	8.258	129	360430	90.416	ug/L		96
70) 1,3-Dichloropropane	8.331	76	468735	88.365	ug/L		100
71) 1,2-Dibromoethane	8.415	107	262166	89.051	ug/L		98
72) 2-Hexanone	8.625	43	199065	83.392	ug/L		98
73) Chlorobenzene	8.803	112	971356	93.125	ug/L		93
74) Ethylbenzene	8.840	91	1739806	101.473	ug/L		100
75) 1,1,1,2-Tetrachloroethane	8.856	131	376979	91.735	ug/L		96
76) p/m Xylene	8.939	106	1300449	197.178	ug/L		100
77) o Xylene	9.217	106	1276771	195.621	ug/L		95
78) Styrene	9.249	104	2124099	185.735	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N11.D
Acq On : 26 Nov 2025 12:13 am
Operator : VOA129:JIC
Sample : I8260STD100PPB
Misc : WG2146823,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 26 08:31:26 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.259	173	225329	87.941	ug/L	97
82) Isopropylbenzene	9.422	105	1758948	104.647	ug/L	98
84) Bromobenzene	9.642	156	428691	94.243	ug/L	98
85) n-Propylbenzene	9.673	91	2056547	104.006	ug/L	97
86) 1,4-Dichlorobutane	9.679	55	566845	89.725	ug/L	98
87) 1,1,2,2-Tetrachloroethane	9.715	83	326558	87.942	ug/L	99
88) 4-Ethyltoluene	9.742	105	1712936	103.778	ug/L	97
89) 2-Chlorotoluene	9.757	91	1159992M6	96.047	ug/L	
90) 1,3,5-Trimethylbenzene	9.794	105	1512924	101.990	ug/L	92
91) 1,2,3-Trichloropropane	9.789	75	266813	83.484	ug/L	98
92) trans-1,4-Dichloro-2-b...	9.820	53	117856	86.106	ug/L	93
93) 4-Chlorotoluene	9.857	91	1261108	96.793	ug/L	94
94) tert-Butylbenzene	9.978	119	1320104	107.213	ug/L	95
97) 1,2,4-Trimethylbenzene	10.020	105	1466757	100.560	ug/L	95
98) sec-Butylbenzene	10.082	105	1948612	109.012	ug/L	98
99) p-Isopropyltoluene	10.166	119	1703170	108.712	ug/L	97
100) 1,3-Dichlorobenzene	10.203	146	831865	95.410	ug/L	98
101) 1,4-Dichlorobenzene	10.255	146	822129	93.672	ug/L	97
102) p-Diethylbenzene	10.376	119	991971	108.374	ug/L	95
103) n-Butylbenzene	10.413	91	1541081	107.326	ug/L	99
104) 1,2-Dichlorobenzene	10.497	146	768450	94.626	ug/L	99
105) 1,2,4,5-Tetramethylben...	10.832	119	1559936	106.663	ug/L	98
106) 1,2-Dibromo-3-chloropr...	10.953	155	57340	85.622	ug/L	87
107) 1,3,5-Trichlorobenzene	10.974	180	669118	99.717	ug/L	93
108) Hexachlorobutadiene	11.320	225	376343	111.508	ug/L	95
109) 1,2,4-Trichlorobenzene	11.336	180	574457	98.382	ug/L	99
110) Naphthalene	11.514	128	1105931	98.768	ug/L	100
111) 1,2,3-Trichlorobenzene	11.619	180	543180	98.347	ug/L	98

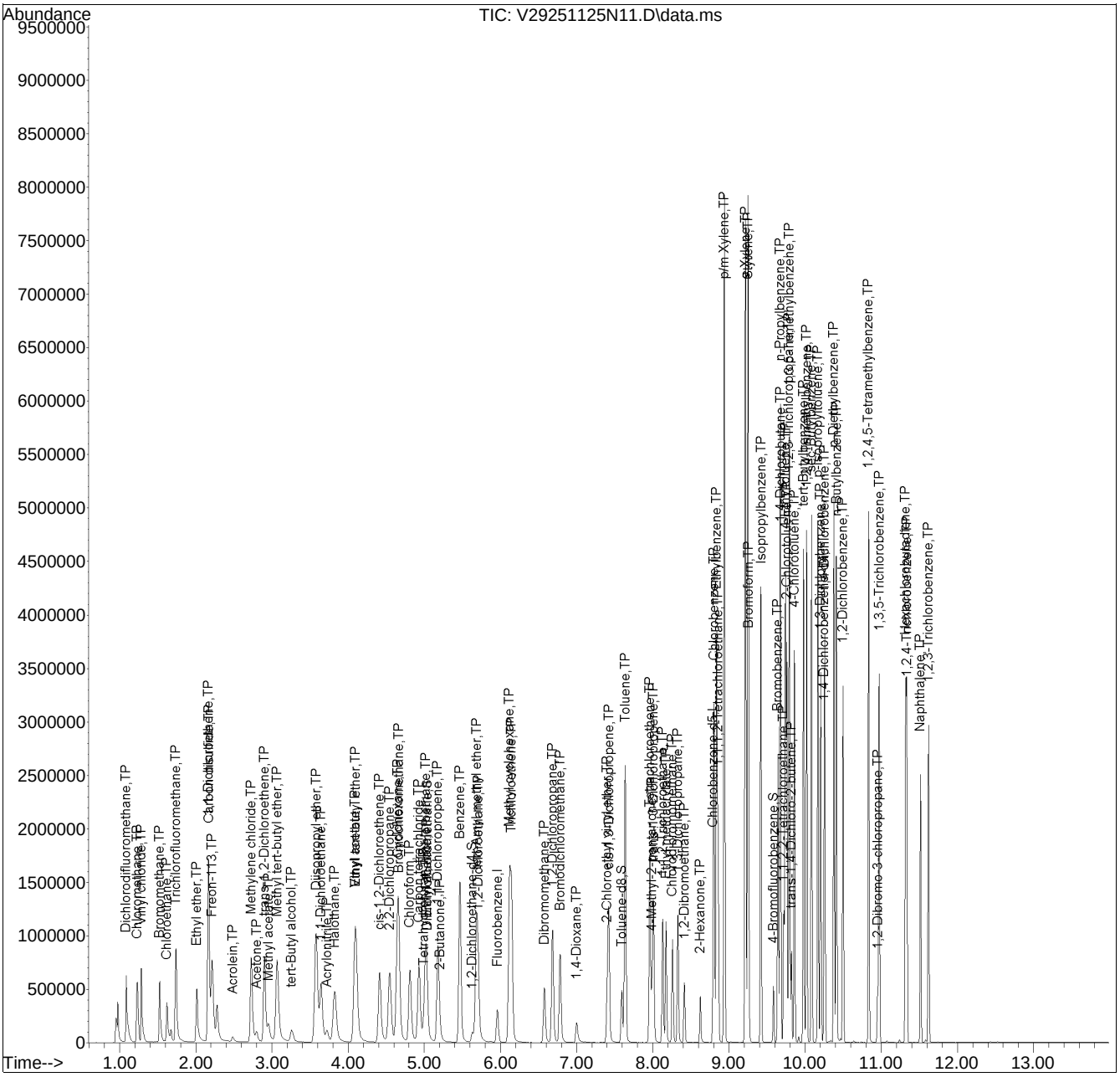
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N11.D
Acq On : 26 Nov 2025 12:13 am
Operator : VOA129:JIC
Sample : I8260STD100PPB
Misc : WG2146823,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 26 08:31:26 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

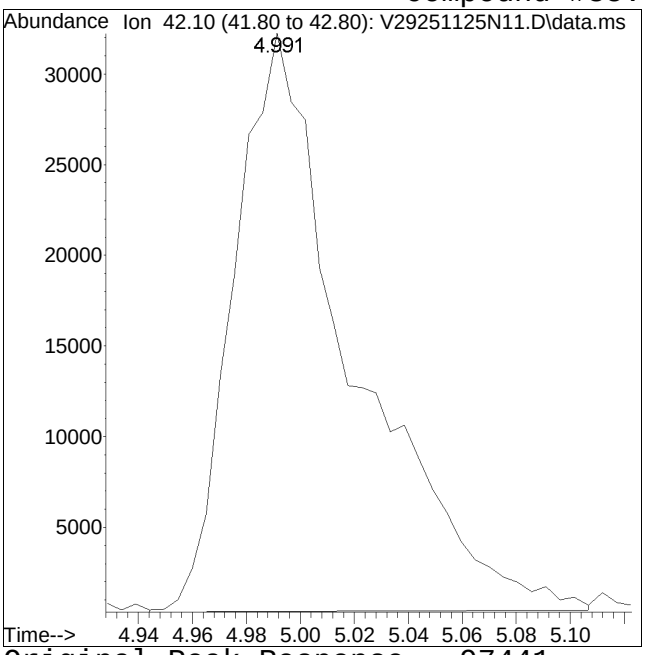
Sub List : 8260-CurveSoil - Megamix plus Diox251125N10.D•



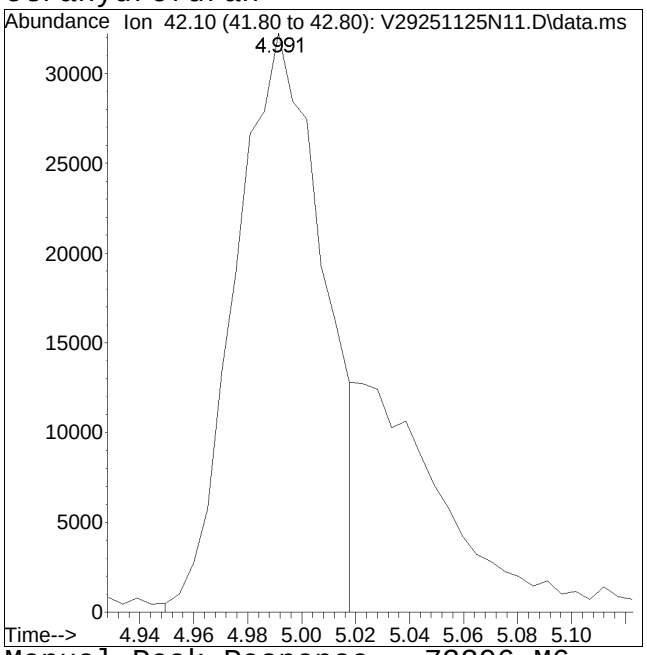
Manual Integration Report

Data Path : K:\VOA129\2025\251125NICALQMethod : V129_251125N_8260.m
Data File : V29251125N11.D Operator : VOA129:JIC
Date Inj'd : 11/26/2025 12:13 am Instrument : VOA 129
Sample : I8260STD100PPB Quant Date : 11/26/2025 8:20 am

Compound #35: Tetrahydrofuran



Original Peak Response = 97441



Manual Peak Response = 73296 M6

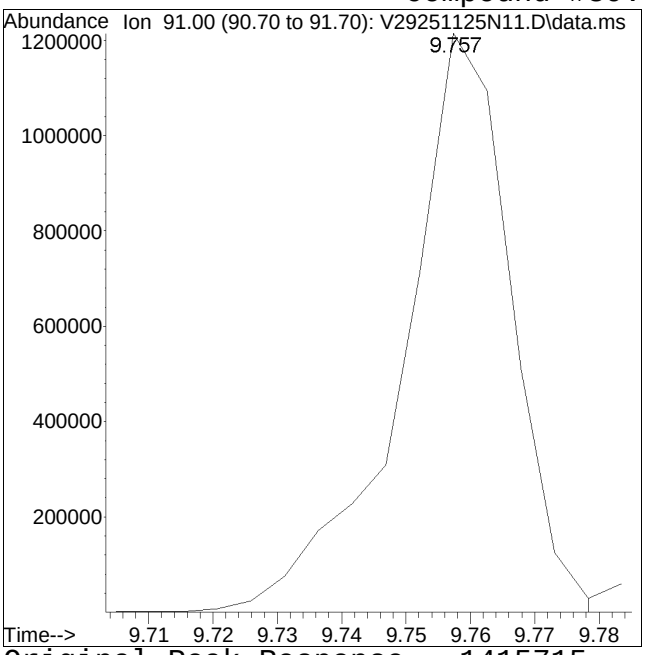
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

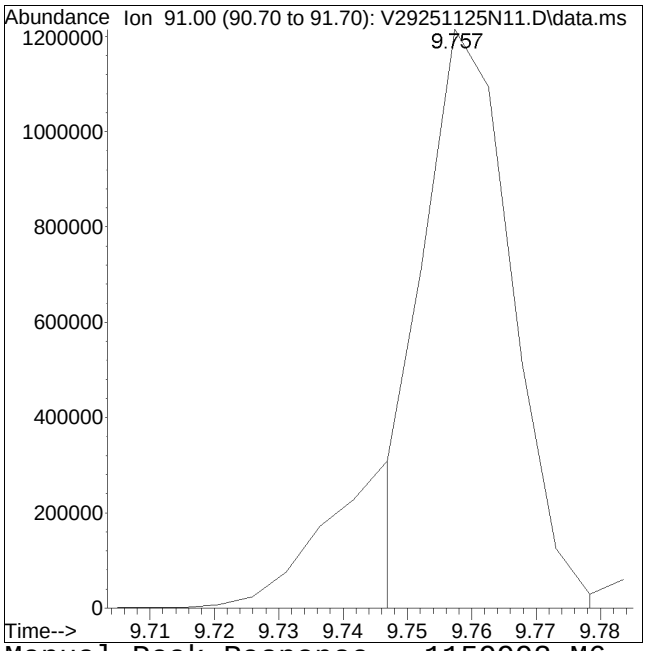
Data Path : K:\VOA129\2025\251125NICALQ
Data File : V29251125N11.D
Date Inj'd : 11/26/2025 12:13 am
Sample : I8260STD100PPB

Method : V129_251125N_8260.m
Operator : VOA129:JIC
Instrument : VOA 129
Quant Date : 11/26/2025 8:20 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 1415715



Manual Peak Response = 1159992 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N12.D
Acq On : 26 Nov 2025 12:34 am
Operator : VOA129:JIC
Sample : I8260STD200PPB
Misc : WG2146823,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 26 08:32:31 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.956	96	276310	20.000 ug/L	0.00
Standard Area 1 = 272414			Recovery = 101.43%		
59) Chlorobenzene-d5	8.793	117	208566	20.000 ug/L	0.00
Standard Area 1 = 197193			Recovery = 105.77%		
79) 1,4-Dichlorobenzene-d4	10.250	152	114679	20.000 ug/L	0.00
Standard Area 1 = 109857			Recovery = 104.39%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.028	113	67542	19.201 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.01%		
43) 1,2-Dichloroethane-d4	5.631	65	75667	19.482 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.41%		
60) Toluene-d8	7.592	98	263125	19.418 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.09%		
83) 4-Bromofluorobenzene	9.584	95	98444	19.840 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.20%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.085	85	965057	235.247 ug/L	99
3) Chloromethane	1.232	50	1152067	220.188 ug/L	99
4) Vinyl chloride	1.285	62	972804	237.031 ug/L	97
5) Bromomethane	1.526	94	533824	221.589 ug/L	98
6) Chloroethane	1.620	64	545742	225.707 ug/L	98
7) Trichlorofluoromethane	1.735	101	1288463	237.579 ug/L	96
8) Ethyl ether	2.013	74	351376	218.801 ug/L	90
10) 1,1-Dichloroethene	2.160	96	626096	234.591 ug/L	85
11) Carbon disulfide	2.171	76	2240548	232.198 ug/L	96
12) Freon-113	2.213	101	648308	229.571 ug/L	92
14) Acrolein	2.485	56	74907	188.660 ug/L	95
15) Methylene chloride	2.726	84	678978	211.357 ug/L	93
17) Acetone	2.800	43	215980	175.345 ug/L	96
18) trans-1,2-Dichloroethene	2.899	96	697098	224.008 ug/L	89
19) Methyl acetate	2.957	43	372854	191.121 ug/L #	96
20) Methyl tert-butyl ether	3.067	73	1888850	200.626 ug/L	95
21) tert-Butyl alcohol	3.261	59	343653	790.286 ug/L #	68
22) Diisopropyl ether	3.581	45	2759845	205.696 ug/L	95
23) 1,1-Dichloroethane	3.644	63	1401156	213.921 ug/L	99
24) Halothane	3.822	117	514713	211.685 ug/L	98
25) Acrylonitrile	3.723	53	190278	185.229 ug/L	98

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N12.D
Acq On : 26 Nov 2025 12:34 am
Operator : VOA129:JIC
Sample : I8260STD200PPB
Misc : WG2146823,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 26 08:32:31 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
26) Ethyl tert-butyl ether	4.100	59	2433075	210.188 ug/L	92
27) Vinyl acetate	4.084	43	1676412	208.979 ug/L	99
28) cis-1,2-Dichloroethene	4.415	96	754702	212.843 ug/L #	80
29) 2,2-Dichloropropane	4.546	77	1182412	227.829 ug/L	98
30) Bromochloromethane	4.666	128	330014	191.704 ug/L #	71
31) Cyclohexane	4.651	56	1398197	231.522 ug/L	85
32) Chloroform	4.808	83	1354535	198.405 ug/L	97
33) Ethyl acetate	5.033	43	592961	182.878 ug/L #	94
34) Carbon tetrachloride	4.929	117	1134138	229.843 ug/L	99
35) Tetrahydrofuran	4.986	42	155574	184.684 ug/L #	74
37) 1,1,1-Trichloroethane	5.018	97	1247406	218.664 ug/L #	97
39) 2-Butanone	5.206	43	252237	173.902 ug/L #	42
40) 1,1-Dichloropropene	5.180	75	1000984	230.527 ug/L	97
41) Benzene	5.469	78	2783543	210.736 ug/L	96
42) tert-Amyl methyl ether	5.684	73	1860382	200.960 ug/L	98
44) 1,2-Dichloroethane	5.710	62	1033866	193.924 ug/L	99
47) Methyl cyclohexane	6.124	83	1237764	246.555 ug/L	88
48) Trichloroethene	6.145	95	789893	206.461 ug/L	96
50) Dibromomethane	6.575	93	391602	182.846 ug/L	90
51) 1,2-Dichloropropane	6.685	63	785014	200.674 ug/L	97
53) 2-Chloroethyl vinyl ether	7.403	63	391401	200.490 ug/L	98
54) Bromodichloromethane	6.785	83	1066829	188.195 ug/L	98
57) 1,4-Dioxane	7.000	88	226297	10809.670 ug/L #	88
58) cis-1,3-Dichloropropene	7.424	75	1171887	195.563 ug/L	97
61) Toluene	7.639	92	1797855	197.398 ug/L	96
62) 4-Methyl-2-pentanone	7.990	58	218756	169.219 ug/L #	84
63) Tetrachloroethene	7.964	166	838861	208.977 ug/L	91
65) trans-1,3-Dichloropropene	8.011	75	1024994	183.107 ug/L	99
67) Ethyl methacrylate	8.174	69	762519	187.019 ug/L	98
68) 1,1,2-Trichloroethane	8.132	83	457407	173.024 ug/L	96
69) Chlorodibromomethane	8.258	129	744900	180.522 ug/L	97
70) 1,3-Dichloropropane	8.331	76	961673	175.141 ug/L	100
71) 1,2-Dibromoethane	8.415	107	540591	177.394 ug/L	100
72) 2-Hexanone	8.625	43	408068	165.147 ug/L	98
73) Chlorobenzene	8.803	112	1997591	185.013 ug/L	92
74) Ethylbenzene	8.840	91	3522476	198.474 ug/L	99
75) 1,1,1,2-Tetrachloroethane	8.856	131	775392	182.283 ug/L	97
76) p/m Xylene	8.939	106	2669554	391.031 ug/L	99
77) o Xylene	9.217	106	2606627	385.825 ug/L	94
78) Styrene	9.249	104	4315793	364.575 ug/L	94

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N12.D
Acq On : 26 Nov 2025 12:34 am
Operator : VOA129:JIC
Sample : I8260STD200PPB
Misc : WG2146823,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 26 08:32:31 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.259	173	469654	178.848	ug/L	97
82) Isopropylbenzene	9.417	105	3576071	207.594	ug/L	97
84) Bromobenzene	9.642	156	894844	191.948	ug/L	96
85) n-Propylbenzene	9.674	91	4191999	206.860	ug/L	97
86) 1,4-Dichlorobutane	9.679	55	1154921	178.376	ug/L	97
87) 1,1,2,2-Tetrachloroethane	9.721	83	674784	177.310	ug/L	100
88) 4-Ethyltoluene	9.742	105	3505344	207.220	ug/L	97
89) 2-Chlorotoluene	9.763	91	2424883M6	195.908	ug/L	
90) 1,3,5-Trimethylbenzene	9.794	105	3074610	202.240	ug/L	93
91) 1,2,3-Trichloropropane	9.789	75	568191	173.470	ug/L	98
92) trans-1,4-Dichloro-2-b...	9.820	53	235787	168.088	ug/L	96
93) 4-Chlorotoluene	9.862	91	2605211	195.106	ug/L	95
94) tert-Butylbenzene	9.983	119	2685404	212.805	ug/L	95
97) 1,2,4-Trimethylbenzene	10.020	105	3021351	202.117	ug/L	94
98) sec-Butylbenzene	10.082	105	3938246	214.974	ug/L	97
99) p-Isopropyltoluene	10.172	119	3426953	213.433	ug/L	96
100) 1,3-Dichlorobenzene	10.208	146	1738780	194.591	ug/L	98
101) 1,4-Dichlorobenzene	10.261	146	1719603	191.177	ug/L	97
102) p-Diethylbenzene	10.376	119	2048439	218.366	ug/L	94
103) n-Butylbenzene	10.413	91	3178379	215.983	ug/L	98
104) 1,2-Dichlorobenzene	10.497	146	1612979	193.803	ug/L	97
105) 1,2,4,5-Tetramethylben...	10.838	119	3296895	219.961	ug/L	98
106) 1,2-Dibromo-3-chloropr...	10.953	155	121725	177.355	ug/L	91
107) 1,3,5-Trichlorobenzene	10.974	180	1398769	203.399	ug/L	94
108) Hexachlorobutadiene	11.320	225	749822	216.778	ug/L	96
109) 1,2,4-Trichlorobenzene	11.336	180	1220582	203.967	ug/L	99
110) Naphthalene	11.514	128	2315635	201.786	ug/L	100
111) 1,2,3-Trichlorobenzene	11.619	180	1123120	198.417	ug/L	99

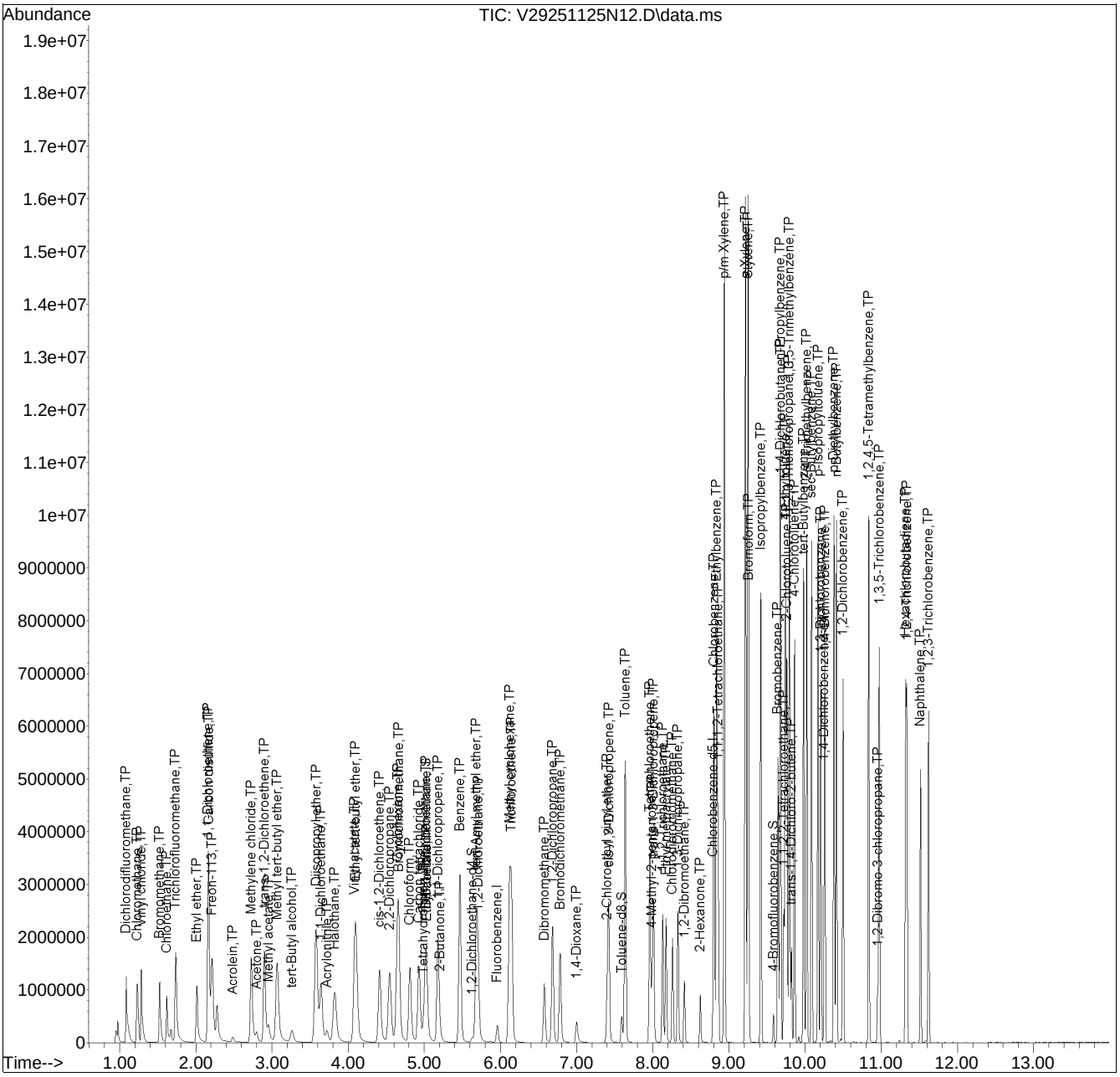
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N12.D
Acq On : 26 Nov 2025 12:34 am
Operator : VOA129:JIC
Sample : I8260STD200PPB
Misc : WG2146823,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 26 08:32:31 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox251125N10.D•

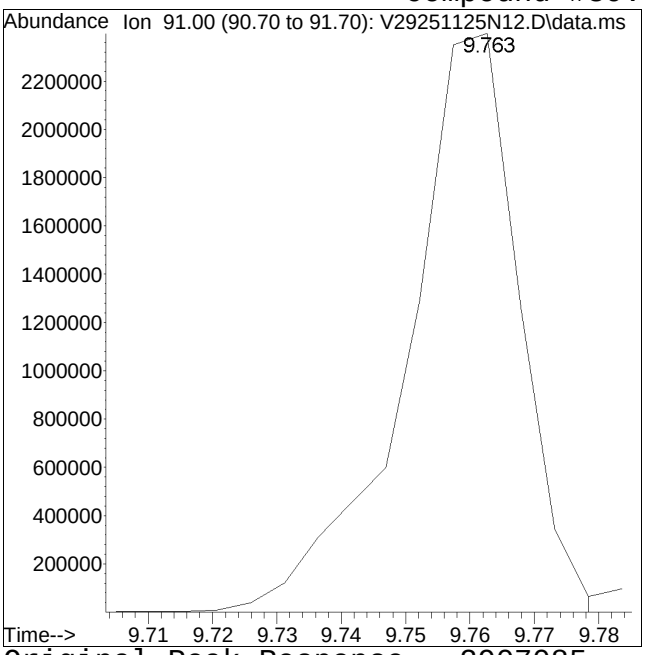


Manual Integration Report

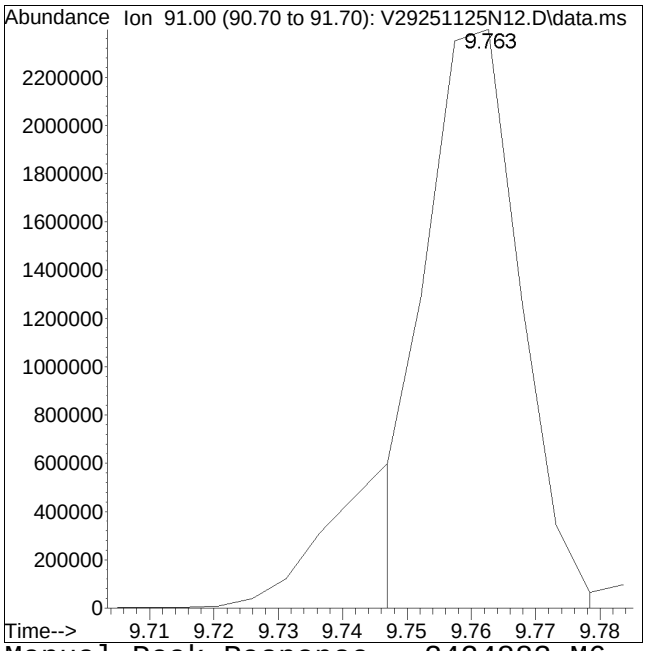
Data Path : K:\VOA129\2025\251125NICALQ
Data File : V29251125N12.D
Date Inj'd : 11/26/2025 12:34 am
Sample : I8260STD200PPB

Method : V129_251125N_8260.m
Operator : VOA129:JIC
Instrument : VOA 129
Quant Date : 11/26/2025 8:20 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 2907085



Manual Peak Response = 2424883 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N13.D
Acq On : 26 Nov 2025 12:55 am
Operator : VOA129:JIC
Sample : I8260STD300PPB
Misc : WG2146823,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 26 08:33:43 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.961	96	283416	20.000	ug/L	0.00
Standard Area 1 = 272414			Recovery = 104.04%			
59) Chlorobenzene-d5	8.793	117	218704	20.000	ug/L	0.00
Standard Area 1 = 197193			Recovery = 110.91%			
79) 1,4-Dichlorobenzene-d4	10.250	152	119980	20.000	ug/L	0.00
Standard Area 1 = 109857			Recovery = 109.21%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.033	113	70136	19.439	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.19%			
43) 1,2-Dichloroethane-d4	5.631	65	78807	19.782	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.91%			
60) Toluene-d8	7.592	98	276760	19.478	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.39%			
83) 4-Bromofluorobenzene	9.584	95	103385	19.915	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.57%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.085	85	1461974	347.442	ug/L	100
3) Chloromethane	1.232	50	1772263	330.230	ug/L	99
4) Vinyl chloride	1.284	62	1493379	354.750	ug/L	97
5) Bromomethane	1.526	94	861342	348.577	ug/L	98
6) Chloroethane	1.620	64	830441M1	334.842	ug/L	
7) Trichlorofluoromethane	1.735	101	1949481	350.452	ug/L	97
8) Ethyl ether	2.013	74	553540	336.045	ug/L	89
10) 1,1-Dichloroethene	2.160	96	967796	353.530	ug/L	84
11) Carbon disulfide	2.170	76	3433878	346.946	ug/L	96
12) Freon-113	2.212	101	1009276	348.432	ug/L	93
14) Acrolein	2.485	56	122263	300.209	ug/L	95
15) Methylene chloride	2.726	84	1037293	314.800	ug/L	92
17) Acetone	2.800	43	341021	269.919	ug/L	96
18) trans-1,2-Dichloroethene	2.899	96	1052096	329.608	ug/L	90
19) Methyl acetate	2.957	43	570921	285.310	ug/L #	98
20) Methyl tert-butyl ether	3.067	73	2896997	299.992	ug/L	96
21) tert-Butyl alcohol	3.261	59	527492	1182.639	ug/L #	67
22) Diisopropyl ether	3.581	45	4195445	304.854	ug/L	96
23) 1,1-Dichloroethane	3.644	63	2116106	314.975	ug/L	99
24) Halothane	3.822	117	794169	318.426	ug/L	98
25) Acrylonitrile	3.722	53	290327	275.537	ug/L	97

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N13.D
Acq On : 26 Nov 2025 12:55 am
Operator : VOA129:JIC
Sample : I8260STD300PPB
Misc : WG2146823,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 26 08:33:43 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.100	59	3698504	311.495	ug/L		93
27) Vinyl acetate	4.084	43	2447686	297.475	ug/L		99
28) cis-1,2-Dichloroethene	4.415	96	1150268	316.267	ug/L		80
29) 2,2-Dichloropropane	4.546	77	1767001	331.933	ug/L		97
30) Bromochloromethane	4.666	128	500358	283.369	ug/L	#	70
31) Cyclohexane	4.650	56	2115451	341.507	ug/L		86
32) Chloroform	4.813	83	2068839	295.434	ug/L		97
33) Ethyl acetate	5.033	43	899932	270.593	ug/L	#	94
34) Carbon tetrachloride	4.934	117	1710518	337.960	ug/L		99
35) Tetrahydrofuran	4.986	42	238203M6	275.685	ug/L		
37) 1,1,1-Trichloroethane	5.017	97	1884213	322.012	ug/L	#	97
39) 2-Butanone	5.206	43	407707	274.042	ug/L	#	47
40) 1,1-Dichloropropene	5.180	75	1515775	340.332	ug/L		97
41) Benzene	5.468	78	4185799	308.952	ug/L		97
42) tert-Amyl methyl ether	5.683	73	2863570	301.569	ug/L		97
44) 1,2-Dichloroethane	5.710	62	1564519	286.102	ug/L		99
47) Methyl cyclohexane	6.119	83	1879032	364.907	ug/L		88
48) Trichloroethene	6.145	95	1211672	308.764	ug/L		96
50) Dibromomethane	6.575	93	596309	271.447	ug/L		90
51) 1,2-Dichloropropane	6.685	63	1191912	297.051	ug/L		97
53) 2-Chloroethyl vinyl ether	7.403	63	610187	304.723	ug/L		99
54) Bromodichloromethane	6.784	83	1623759	279.260	ug/L		98
57) 1,4-Dioxane	6.999	88	355560	16558.416	ug/L		87
58) cis-1,3-Dichloropropene	7.424	75	1791753	291.509	ug/L		97
61) Toluene	7.639	92	2752240	288.178	ug/L		95
62) 4-Methyl-2-pentanone	7.990	58	342431	252.608	ug/L	#	87
63) Tetrachloroethene	7.964	166	1269797	301.668	ug/L		91
65) trans-1,3-Dichloropropene	8.011	75	1567670	267.070	ug/L		99
67) Ethyl methacrylate	8.174	69	1181241	276.287	ug/L		98
68) 1,1,2-Trichloroethane	8.132	83	697335	251.554	ug/L		95
69) Chlorodibromomethane	8.258	129	1163099	268.805	ug/L		96
70) 1,3-Dichloropropane	8.331	76	1464798	254.404	ug/L		100
71) 1,2-Dibromoethane	8.415	107	828383	259.232	ug/L		99
72) 2-Hexanone	8.625	43	643130	248.212	ug/L		98
73) Chlorobenzene	8.803	112	3064856	270.703	ug/L		92
74) Ethylbenzene	8.840	91	5326477	286.208	ug/L		99
75) 1,1,1,2-Tetrachloroethane	8.855	131	1198258	268.635	ug/L		97
76) p/m Xylene	8.939	106	4017430	561.187	ug/L		97
77) o Xylene	9.217	106	3979109	561.673	ug/L		91
78) Styrene	9.254	104	6529235	525.988	ug/L		95

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N13.D
Acq On : 26 Nov 2025 12:55 am
Operator : VOA129:JIC
Sample : I8260STD300PPB
Misc : WG2146823,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 26 08:33:43 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.259	173	726447	264.415	ug/L	97
82) Isopropylbenzene	9.416	105	5424415	300.980	ug/L	97
84) Bromobenzene	9.642	156	1363711	279.598	ug/L	97
85) n-Propylbenzene	9.673	91	6300897	297.188	ug/L	96
86) 1,4-Dichlorobutane	9.679	55	1769194	261.177	ug/L	97
87) 1,1,2,2-Tetrachloroethane	9.721	83	1031894	259.167	ug/L	100
88) 4-Ethyltoluene	9.742	105	5280626	298.374	ug/L	97
89) 2-Chlorotoluene	9.762	91	3694219M6	285.272	ug/L	
90) 1,3,5-Trimethylbenzene	9.794	105	4636241	291.486	ug/L	92
91) 1,2,3-Trichloropropane	9.794	75	855270	249.579	ug/L	99
92) trans-1,4-Dichloro-2-b...	9.820	53	364400	248.297	ug/L	94
93) 4-Chlorotoluene	9.862	91	3926894	281.094	ug/L	94
94) tert-Butylbenzene	9.983	119	4063325	307.772	ug/L	94
97) 1,2,4-Trimethylbenzene	10.019	105	4608262	294.654	ug/L	95
98) sec-Butylbenzene	10.088	105	5945762	310.217	ug/L	97
99) p-Isopropyltoluene	10.171	119	5179358	308.323	ug/L	97
100) 1,3-Dichlorobenzene	10.208	146	2625251	280.817	ug/L	99
101) 1,4-Dichlorobenzene	10.261	146	2600982	276.388	ug/L	97
102) p-Diethylbenzene	10.381	119	3118588	317.757	ug/L	95
103) n-Butylbenzene	10.413	91	4745353	308.218	ug/L	98
104) 1,2-Dichlorobenzene	10.497	146	2437700	279.954	ug/L	98
105) 1,2,4,5-Tetramethylben...	10.837	119	5007663	319.338	ug/L	99
106) 1,2-Dibromo-3-chloropr...	10.953	155	192610	268.237	ug/L	94
107) 1,3,5-Trichlorobenzene	10.974	180	2134071	296.610	ug/L	94
108) Hexachlorobutadiene	11.320	225	1179506	325.936	ug/L	95
109) 1,2,4-Trichlorobenzene	11.335	180	1891744	302.155	ug/L	98
110) Naphthalene	11.519	128	3558477	296.388	ug/L	100
111) 1,2,3-Trichlorobenzene	11.619	180	1733161	292.662	ug/L	99

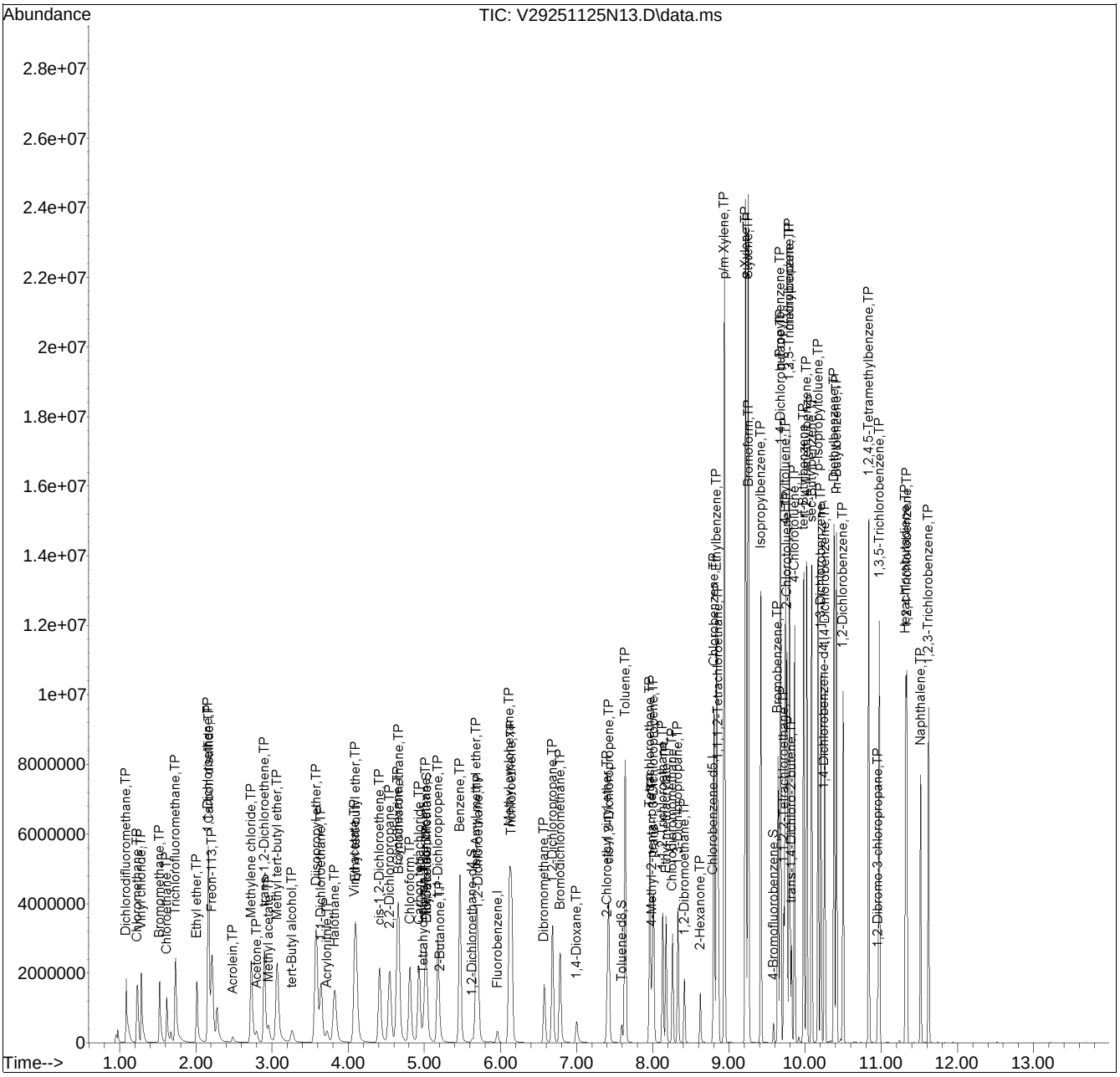
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N13.D
Acq On : 26 Nov 2025 12:55 am
Operator : VOA129:JIC
Sample : I8260STD300PPB
Misc : WG2146823,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 26 08:33:43 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:18:55 2025
Response via : Initial Calibration

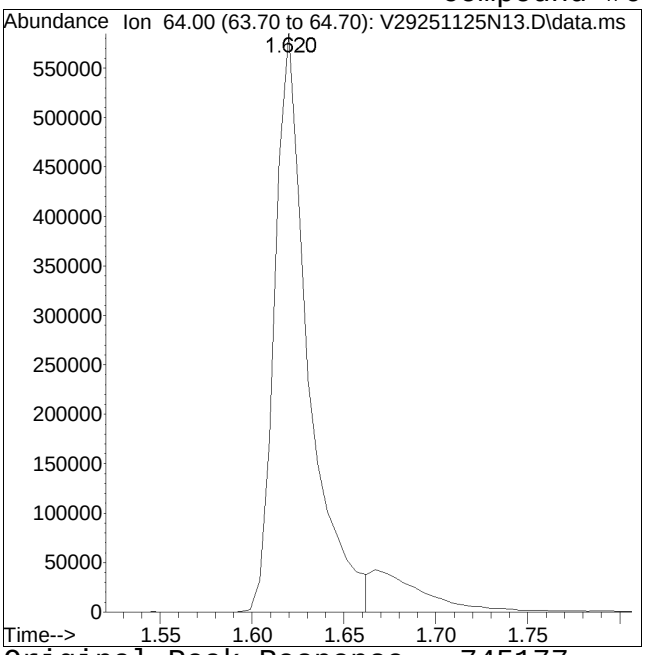
Sub List : 8260-CurveSoil - Megamix plus Diox251125N10.D•



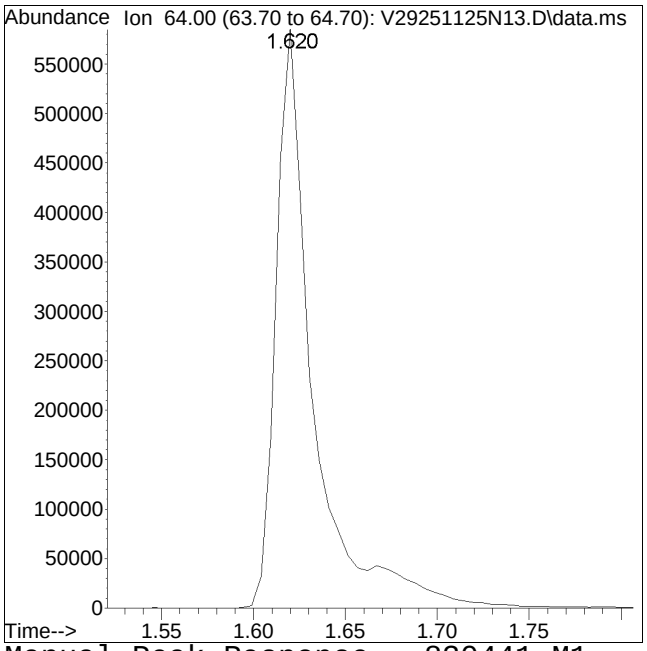
Manual Integration Report

Data Path : K:\VOA129\2025\251125NICALQMethod : V129_251125N_8260.m
Data File : V29251125N13.D Operator : VOA129:JIC
Date Inj'd : 11/26/2025 12:55 am Instrument : VOA 129
Sample : I8260STD300PPB Quant Date : 11/26/2025 8:20 am

Compound #6: Chloroethane



Original Peak Response = 745177



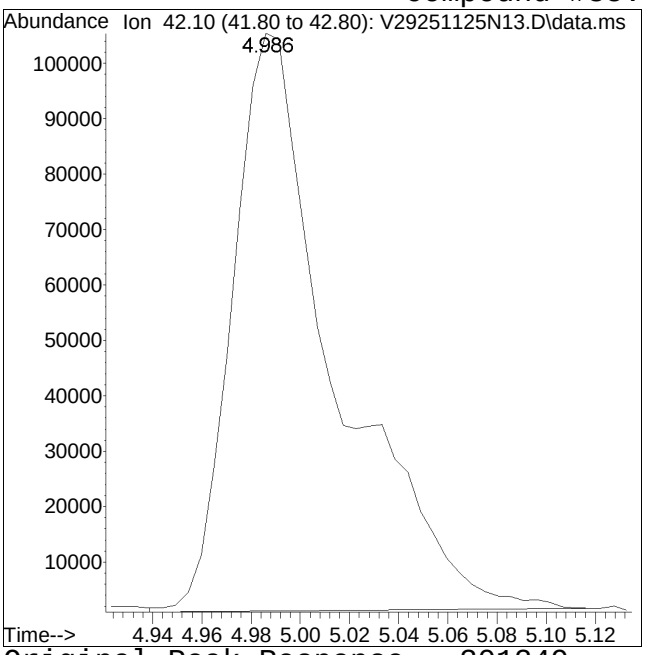
Manual Peak Response = 830441 M1

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

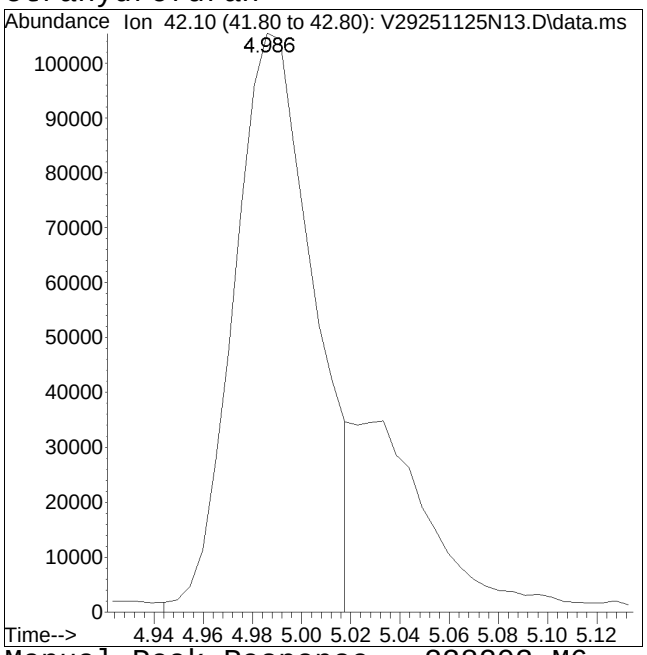
Manual Integration Report

Data Path : K:\VOA129\2025\251125NICALQMethod : V129_251125N_8260.m
Data File : V29251125N13.D Operator : VOA129:JIC
Date Inj'd : 11/26/2025 12:55 am Instrument : VOA 129
Sample : I8260STD300PPB Quant Date : 11/26/2025 8:20 am

Compound #35: Tetrahydrofuran



Original Peak Response = 301249



Manual Peak Response = 238203 M6

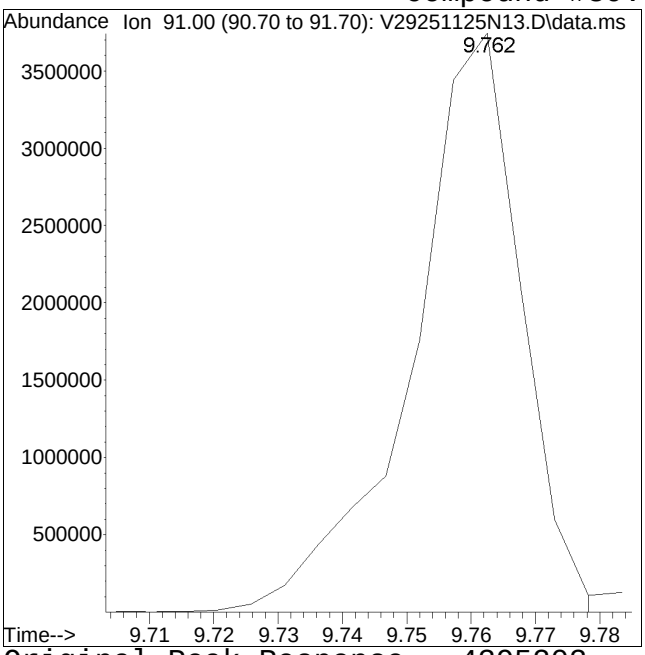
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

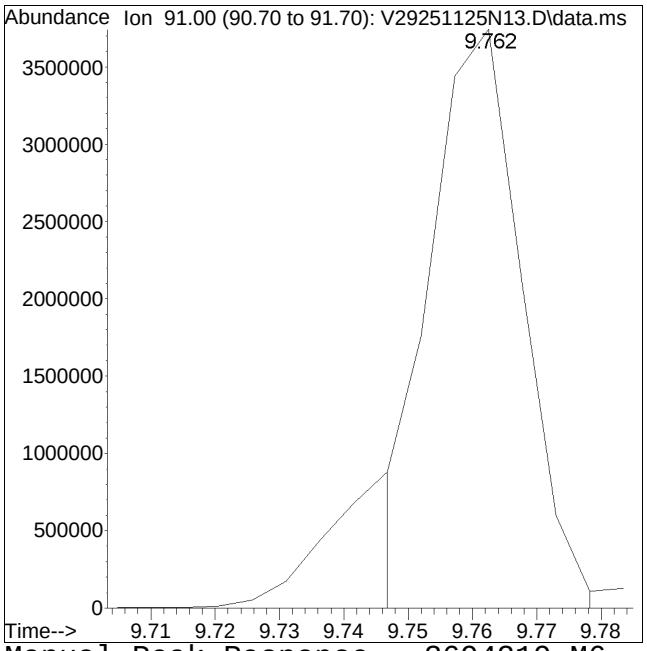
Data Path : K:\VOA129\2025\251125NICALQ
Data File : V29251125N13.D
Date Inj'd : 11/26/2025 12:55 am
Sample : I8260STD300PPB

Method : V129_251125N_8260.m
Operator : VOA129:JIC
Instrument : VOA 129
Quant Date : 11/26/2025 8:20 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 4395203



Manual Peak Response = 3694219 M6

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

Evaluate Continuing Calibration Report

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N17.D
Acq On : 26 Nov 2025 02:18 am
Operator : VOA129:JIC
Sample : C8260STD40PPB
Misc : WG2146823,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 26 08:41:38 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	99	0.00
2	TP	Dichlorodifluoromethane	0.318	0.250	21.4#	84	0.00
3	TP	Chloromethane	0.420	0.380	9.5	100	0.00
4	TP	Vinyl chloride	0.324	0.289	10.8	97	0.00
5	TP	Bromomethane	0.213	0.178	16.4	101	0.00
6	TP	Chloroethane	0.190	0.175	7.9	99	0.00
7	TP	Trichlorofluoromethane	0.426	0.405	4.9	102	0.00
8	TP	Ethyl ether	0.123	0.127	-3.3	108	0.00
10	TP	1,1-Dichloroethene	0.209	0.186	11.0	95	0.00
11	TP	Carbon disulfide	0.751	0.684	8.9	97	0.00
12	TP	Freon-113	0.211	0.255	-20.9#	124	0.00
14	TP	Acrolein	0.026	0.027	-3.8	92	0.00
15	TP	Methylene chloride	0.276	0.223	19.2	95	0.00
17	TP	Acetone	0.083	0.055	33.7#	61	0.00
18	TP	trans-1,2-Dichloroethene	0.236	0.224	5.1	99	0.00
19	TP	Methyl acetate	0.136	0.141	-3.7	99	0.00
20	TP	Methyl tert-butyl ether	0.641	0.668	-4.2	97	0.00
21	TP	tert-Butyl alcohol	0.026	0.027	-3.8	85	0.00
22	TP	Diisopropyl ether	0.935	1.000	-7.0	102	0.00
23	TP	1,1-Dichloroethane	0.493	0.450	8.7	94	0.00
24	TP	Halothane	0.174	0.195	-12.1	110	0.01
25	TP	Acrylonitrile	0.066	0.063	4.5	84	0.00
26	TP	Ethyl tert-butyl ether	0.795	0.894	-12.5	106	0.00
27	TP	Vinyl acetate	0.539	0.481	10.8	82	0.00
28	TP	cis-1,2-Dichloroethene	0.257	0.226	12.1	87	0.00
29	TP	2,2-Dichloropropane	0.396	0.361	8.8	95	0.00
30	TP	Bromochloromethane	0.116	0.108	6.9	86	0.00
31	TP	Cyclohexane	0.459	0.517	-12.6	117	0.00
32	TP	Chloroform	0.514	0.436	15.2	88	0.00
33	TP	Ethyl acetate	0.211	0.222	-5.2	94	0.00
34	TP	Carbon tetrachloride	* 40.000	36.499	8.8	101	0.00
35	TP	Tetrahydrofuran	0.057	0.054	5.3	88	0.01
36	S	Dibromofluoromethane	0.249	0.248	0.4	97	0.00
37	TP	1,1,1-Trichloroethane	0.406	0.403	0.7	97	0.00
39	TP	2-Butanone	0.096	0.089	7.3	84	0.00
40	TP	1,1-Dichloropropene	0.314	0.317	-1.0	100	0.00
41	TP	Benzene	0.943	0.889	5.7	92	0.00
42	TP	tert-Amyl methyl ether	0.597	0.653	-9.4	97	0.00
43	S	1,2-Dichloroethane-d4	0.285	0.283	0.7	100	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N17.D
Acq On : 26 Nov 2025 02:18 am
Operator : VOA129:JIC
Sample : C8260STD40PPB
Misc : WG2146823,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 26 08:41:38 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.368	0.335	9.0	86	0.00
47	TP	Methyl cyclohexane	0.394	0.430	-9.1	118	0.00
48	TP	Trichloroethene	0.273	0.260	4.8	93	0.00
50	TP	Dibromomethane	0.140	0.125	10.7	80	0.00
51	TP	1,2-Dichloropropane	0.270	0.249	7.8	87	0.00
53	TP	2-Chloroethyl vinyl ether	0.122	0.107	12.3	75	0.00
54	TP	Bromodichloromethane	0.358	0.334	6.7	81	0.00
57	TP	1,4-Dioxane	0.00144	0.00194#	-34.7#	127	0.00
58	TP	cis-1,3-Dichloropropene	0.370	0.361	2.4	83	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
60	S	Toluene-d8	1.275	1.249	2.0	100	0.00
61	TP	Toluene	0.848	0.755	11.0	90	0.00
62	TP	4-Methyl-2-pentanone	0.095	0.092	3.2	77	0.00
63	TP	Tetrachloroethene	0.384	0.362	5.7	98	0.00
65	TP	trans-1,3-Dichloropropene	0.450	0.411	8.7	79	0.00
67	TP	Ethyl methacrylate	0.317	0.360	-13.6	96	0.00
68	TP	1,1,2-Trichloroethane	0.215	0.195#	9.3	80	0.00
69	TP	Chlorodibromomethane	0.334	0.319	4.5	84	0.00
70	TP	1,3-Dichloropropane	0.449	0.404	10.0	80	0.00
71	TP	1,2-Dibromoethane	0.245	0.226	7.8	80	0.00
72	TP	2-Hexanone	0.185	0.168	9.2	73	0.00
73	TP	Chlorobenzene	0.940	0.850	9.6	85	0.00
74	TP	Ethylbenzene	1.574	1.514	3.8	92	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.351	0.326	7.1	83	0.00
76	TP	p/m Xylene	0.569	0.575	-1.1	91	0.00
77	TP	o Xylene	0.557	0.611	-9.7	98	0.00
78	TP	Styrene	0.929	1.024	-10.2	94	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
80	TP	Bromoform	0.392	0.363	7.4	81	0.00
82	TP	Isopropylbenzene	2.777	2.780	-0.1	94	0.00
83	S	4-Bromofluorobenzene	0.858	0.862	-0.5	101	0.00
84	TP	Bromobenzene	0.755	0.704	6.8	88	0.00
85	TP	n-Propylbenzene	3.336	3.309	0.8	95	0.00
86	TP	1,4-Dichlorobutane	0.980	1.121	-14.4	101	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.565	0.503	11.0	77	0.00
88	TP	4-Ethyltoluene	2.725	3.368	-23.6#	116	0.00
89	TP	2-Chlorotoluene	2.031	1.895	6.7	89	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N17.D
Acq On : 26 Nov 2025 02:18 am
Operator : VOA129:JIC
Sample : C8260STD40PPB
Misc : WG2146823,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 26 08:41:38 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 TP	1,3,5-Trimethylbenzene	2.414	2.370	1.8	91	0.00
91 TP	1,2,3-Trichloropropane	0.484	0.433	10.5	77	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.202	0.226	-11.9	94	0.00
93 TP	4-Chlorotoluene	2.140	2.047	4.3	89	0.00
94 TP	tert-Butylbenzene	2.072	2.043	1.4	94	0.00
97 TP	1,2,4-Trimethylbenzene	2.369	2.441	-3.0	95	0.00
98 TP	sec-Butylbenzene	3.047	3.045	0.1	97	0.00
99 TP	p-Isopropyltoluene	2.606	2.628	-0.8	95	0.00
100 TP	1,3-Dichlorobenzene	1.477	1.355	8.3	88	0.00
101 TP	1,4-Dichlorobenzene	1.453	1.336	8.1	87	0.00
102 TP	p-Diethylbenzene	1.537	1.811	-17.8	112	0.00
103 TP	n-Butylbenzene	2.437	2.404	1.4	95	0.00
104 TP	1,2-Dichlorobenzene	1.337	1.237	7.5	87	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.456	2.864	-16.6	111	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.098	0.086	12.2	73	0.00
107 TP	1,3,5-Trichlorobenzene	1.174	1.147	2.3	97	0.00
108 TP	Hexachlorobutadiene	0.621	0.560	9.8	94	0.00
109 TP	1,2,4-Trichlorobenzene	0.981	0.879	10.4	86	0.00
110 TP	Naphthalene	1.727	1.614	6.5	82	0.00
111 TP	1,2,3-Trichlorobenzene	0.893	0.824	7.7	85	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 2 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N17.D
Acq On : 26 Nov 2025 02:18 am
Operator : VOA129:JIC
Sample : C8260STD40PPB
Misc : WG2146823,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 26 08:41:38 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.956	96	270413	20.000	ug/L	0.00
Standard Area 1 = 272414			Recovery = 99.27%			
59) Chlorobenzene-d5	8.793	117	204816	20.000	ug/L	0.00
Standard Area 1 = 197193			Recovery = 103.87%			
79) 1,4-Dichlorobenzene-d4	10.250	152	111614	20.000	ug/L	0.00
Standard Area 1 = 109857			Recovery = 101.60%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.033	113	67172	19.979	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.89%			
43) 1,2-Dichloroethane-d4	5.631	65	76574	19.869	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.34%			
60) Toluene-d8	7.592	98	255722	19.585	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.93%			
83) 4-Bromofluorobenzene	9.584	95	96224	20.098	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.49%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.085	85	135087	31.451	ug/L	100
3) Chloromethane	1.227	50	205534	36.220	ug/L	98
4) Vinyl chloride	1.285	62	156348	35.650	ug/L	98
5) Bromomethane	1.526	94	96398	33.496	ug/L	99
6) Chloroethane	1.625	64	94577	36.763	ug/L	99
7) Trichlorofluoromethane	1.741	101	219092	38.047	ug/L	96
8) Ethyl ether	2.013	74	68656	41.406	ug/L	91
10) 1,1-Dichloroethene	2.165	96	100386	35.518	ug/L	89
11) Carbon disulfide	2.171	76	370061	36.424	ug/L	95
12) Freon-113	2.213	101	137661	48.269	ug/L	95
14) Acrolein	2.485	56	14469	40.549	ug/L	99
15) Methylene chloride	2.726	84	120414	32.310	ug/L	93
17) Acetone	2.800	43	29672	26.296	ug/L	92
18) trans-1,2-Dichloroethene	2.905	96	121096	37.903	ug/L	87
19) Methyl acetate	2.957	43	76219	41.593	ug/L #	95
20) Methyl tert-butyl ether	3.067	73	361062	41.663	ug/L	95
21) tert-Butyl alcohol	3.261	59	72665	208.945	ug/L #	59
22) Diisopropyl ether	3.581	45	540993	42.799	ug/L	93
23) 1,1-Dichloroethane	3.644	63	243349	36.474	ug/L	98
24) Halothane	3.827	117	105222	44.659	ug/L	98
25) Acrylonitrile	3.728	53	33856	37.693	ug/L	95

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N17.D
Acq On : 26 Nov 2025 02:18 am
Operator : VOA129:JIC
Sample : C8260STD40PPB
Misc : WG2146823,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 26 08:41:38 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.100	59	483301	44.948	ug/L		95
27) Vinyl acetate	4.090	43	260317	35.720	ug/L		100
28) cis-1,2-Dichloroethene	4.415	96	122346	35.192	ug/L		82
29) 2,2-Dichloropropane	4.546	77	195182	36.430	ug/L		94
30) Bromochloromethane	4.672	128	58542	37.358	ug/L	#	68
31) Cyclohexane	4.651	56	279682	45.102	ug/L		89
32) Chloroform	4.813	83	235917	33.959	ug/L		97
33) Ethyl acetate	5.033	43	120071	42.144	ug/L	#	95
34) Carbon tetrachloride	4.934	117	197257	36.499	ug/L		98
35) Tetrahydrofuran	4.997	42	29160	37.625	ug/L	#	67
37) 1,1,1-Trichloroethane	5.018	97	218080	39.757	ug/L	#	97
39) 2-Butanone	5.201	43	48067	36.905	ug/L	#	40
40) 1,1-Dichloropropene	5.180	75	171555	40.429	ug/L		97
41) Benzene	5.469	78	481003	37.739	ug/L		97
42) tert-Amyl methyl ether	5.684	73	353087	43.747	ug/L		97
44) 1,2-Dichloroethane	5.710	62	180987	36.421	ug/L		98
47) Methyl cyclohexane	6.119	83	232775	43.671	ug/L		91
48) Trichloroethene	6.145	95	140762	38.180	ug/L		95
50) Dibromomethane	6.575	93	67825	35.838	ug/L		89
51) 1,2-Dichloropropane	6.685	63	134607	36.875	ug/L		98
53) 2-Chloroethyl vinyl ether	7.403	63	58017	35.031	ug/L		96
54) Bromodichloromethane	6.785	83	180727	37.375	ug/L		99
57) 1,4-Dioxane	7.005	88	52362M1	2683.772	ug/L		
58) cis-1,3-Dichloropropene	7.419	75	195215	38.991	ug/L		97
61) Toluene	7.639	92	309400	35.625	ug/L		99
62) 4-Methyl-2-pentanone	7.990	58	37680	38.666	ug/L	#	86
63) Tetrachloroethene	7.964	166	148328	37.753	ug/L		90
65) trans-1,3-Dichloropropene	8.011	75	168184	36.474	ug/L		98
67) Ethyl methacrylate	8.174	69	147283	45.356	ug/L		99
68) 1,1,2-Trichloroethane	8.132	83	80019	36.314	ug/L		94
69) Chlorodibromomethane	8.258	129	130873	38.275	ug/L		95
70) 1,3-Dichloropropane	8.326	76	165462	35.952	ug/L		99
71) 1,2-Dibromoethane	8.415	107	92505	36.885	ug/L		99
72) 2-Hexanone	8.620	43	68621	36.150	ug/L		97
73) Chlorobenzene	8.803	112	348301	36.179	ug/L		93
74) Ethylbenzene	8.835	91	620093	38.463	ug/L		99
75) 1,1,1,2-Tetrachloroethane	8.856	131	133582	37.178	ug/L		97
76) p/m Xylene	8.940	106	471183	80.907	ug/L		100
77) o Xylene	9.217	106	500890	87.758	ug/L		94
78) Styrene	9.249	104	838556	88.115	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N17.D
Acq On : 26 Nov 2025 02:18 am
Operator : VOA129:JIC
Sample : C8260STD40PPB
Misc : WG2146823,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 26 08:41:38 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251125NICAL\V29251125N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.259	173	81033	37.028	ug/L	97
82) Isopropylbenzene	9.417	105	620627	40.052	ug/L	99
84) Bromobenzene	9.642	156	157131	37.301	ug/L	99
85) n-Propylbenzene	9.674	91	738737	39.677	ug/L	97
86) 1,4-Dichlorobutane	9.679	55	250250	45.777	ug/L	99
87) 1,1,2,2-Tetrachloroethane	9.715	83	112215	35.577	ug/L	99
88) 4-Ethyltoluene	9.742	105	751749	49.438	ug/L	97
89) 2-Chlorotoluene	9.757	91	423055M6	37.322	ug/L	
90) 1,3,5-Trimethylbenzene	9.794	105	528982	39.272	ug/L	93
91) 1,2,3-Trichloropropane	9.789	75	96586	35.787	ug/L	98
92) trans-1,4-Dichloro-2-b...	9.820	53	50531	44.893	ug/L	93
93) 4-Chlorotoluene	9.857	91	457029	38.274	ug/L	96
94) tert-Butylbenzene	9.978	119	456080	39.446	ug/L	95
97) 1,2,4-Trimethylbenzene	10.020	105	544861	41.211	ug/L	96
98) sec-Butylbenzene	10.083	105	679697	39.970	ug/L	97
99) p-Isopropyltoluene	10.166	119	586562	40.332	ug/L	97
100) 1,3-Dichlorobenzene	10.203	146	302446	36.693	ug/L	98
101) 1,4-Dichlorobenzene	10.256	146	298262	36.792	ug/L	98
102) p-Diethylbenzene	10.376	119	404251	47.138	ug/L	93
103) n-Butylbenzene	10.408	91	536601	39.451	ug/L	99
104) 1,2-Dichlorobenzene	10.497	146	276100	36.995	ug/L	98
105) 1,2,4,5-Tetramethylben...	10.832	119	639319	46.647	ug/L	98
106) 1,2-Dibromo-3-chloropr...	10.953	155	19201	35.231	ug/L	86
107) 1,3,5-Trichlorobenzene	10.974	180	255971	39.079	ug/L	94
108) Hexachlorobutadiene	11.320	225	124939	36.058	ug/L	95
109) 1,2,4-Trichlorobenzene	11.336	180	196134	35.839	ug/L	100
110) Naphthalene	11.514	128	360206	37.384	ug/L	100
111) 1,2,3-Trichlorobenzene	11.619	180	184045	36.930	ug/L	99

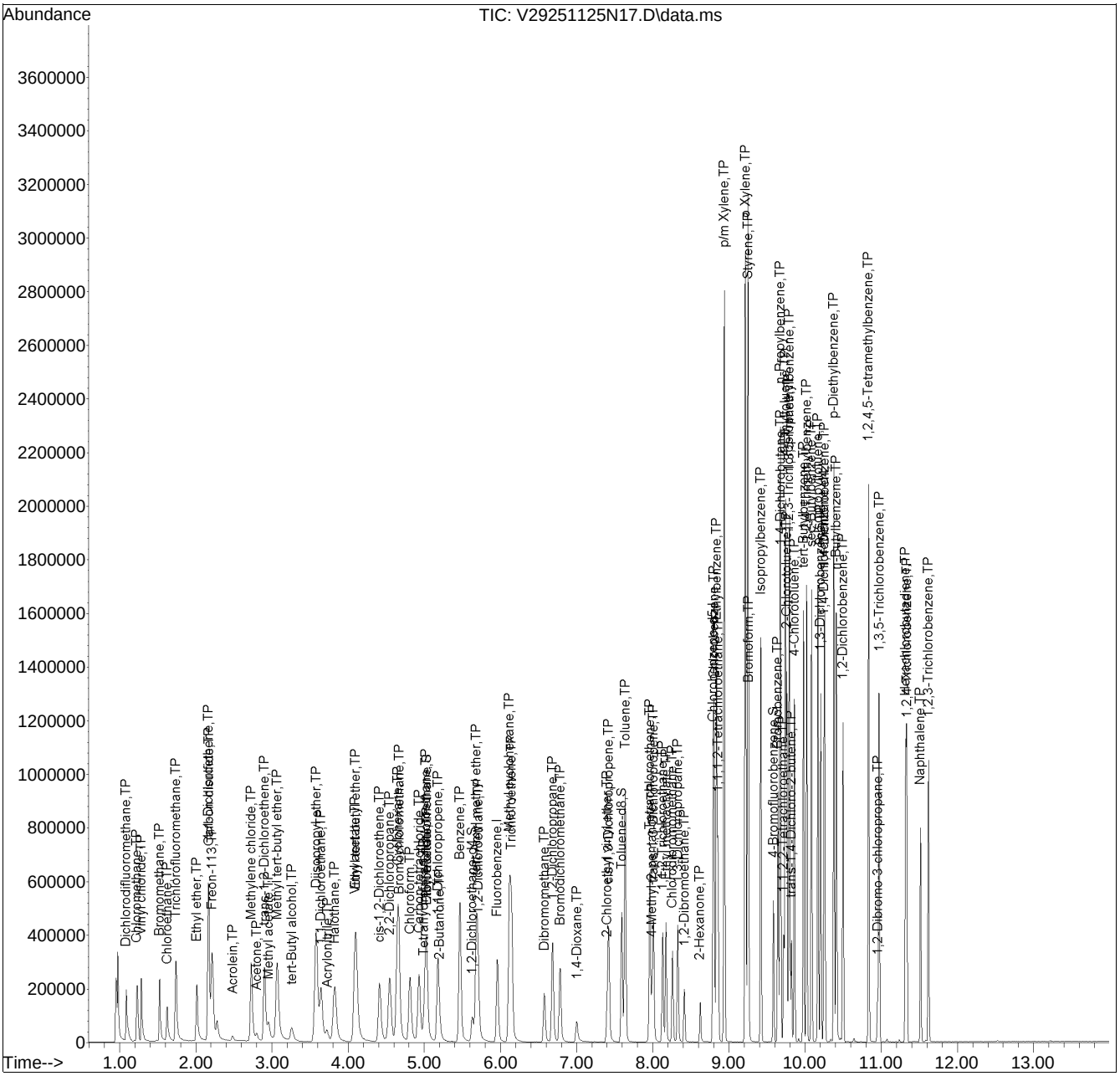
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251125NICAL\
Data File : V29251125N17.D
Acq On : 26 Nov 2025 02:18 am
Operator : VOA129:JIC
Sample : C8260STD40PPB
Misc : WG2146823,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 26 08:41:38 2025
Quant Method : K:\VOA129\2025\251125NICAL\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

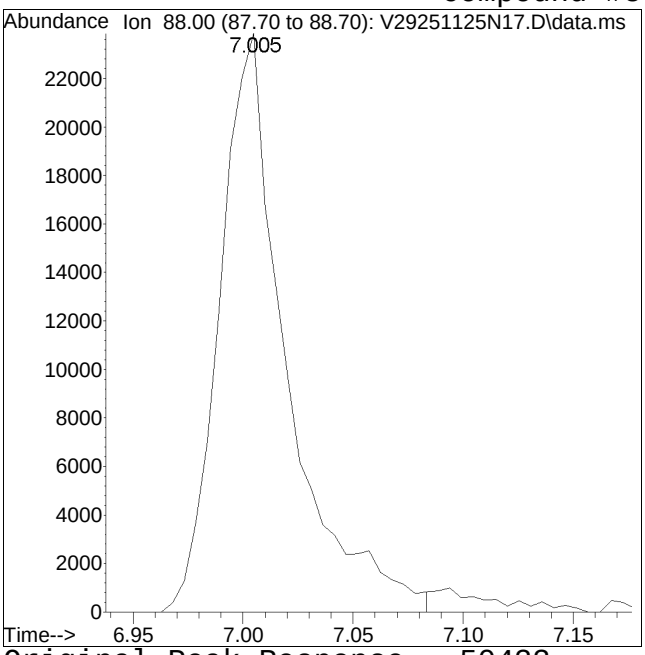
Sub List : 8260-CurveSoil - Megamix plus Diox251125N10.D•



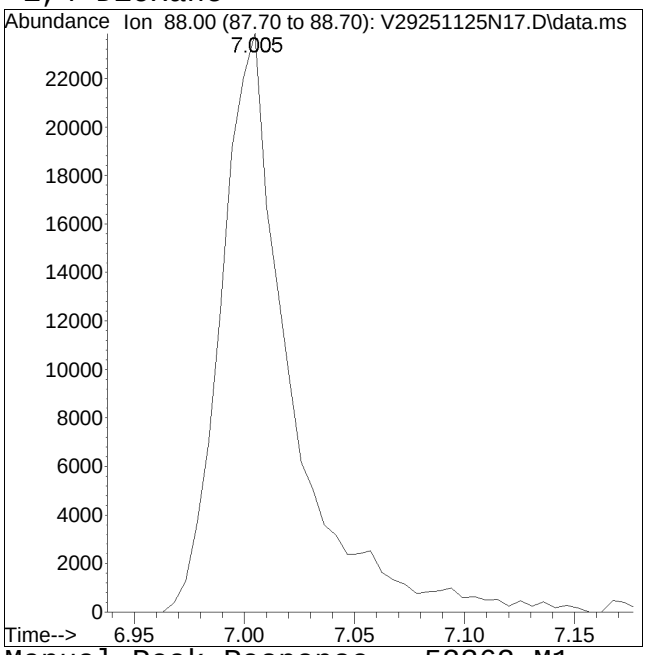
Manual Integration Report

Data Path : K:\VOA129\2025\251125NICALQMethod : V129_251125N_8260.m
Data File : V29251125N17.D Operator : VOA129:JIC
Date Inj'd : 11/26/2025 2:18 am Instrument : VOA 129
Sample : C8260STD40PPB Quant Date : 11/26/2025 8:41 am

Compound #57: 1,4-Dioxane



Original Peak Response = 50433



Manual Peak Response = 52362 M1

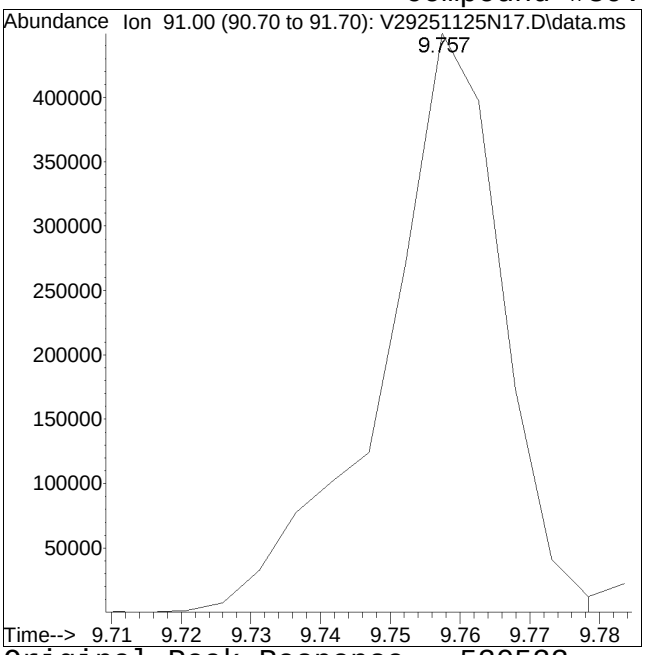
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

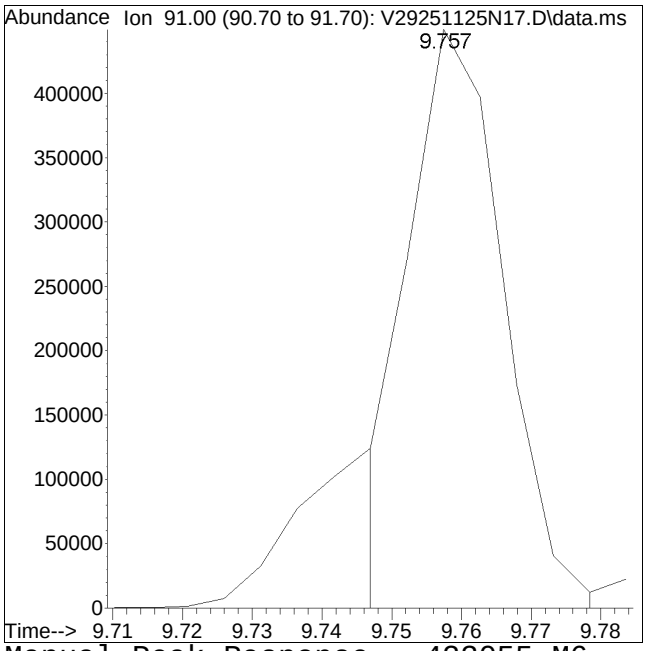
Data Path : K:\VOA129\2025\251125NICALQ
Data File : V29251125N17.D
Date Inj'd : 11/26/2025 2:18 am
Sample : C8260STD40PPB

Method : V129_251125N_8260.m
Operator : VOA129:JIC
Instrument : VOA 129
Quant Date : 11/26/2025 8:41 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 530533



Manual Peak Response = 423055 M6

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

Evaluate Relative Error Report VOA 129

Method Path : K:\VOA129\2025\251125NICAL\
Method File : V129_251125N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Nov 26 08:40:00 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
34	TP Carbon tetrachloride	L	ug/L	40.0	35.753	-10.6	1.00	1.079	7.9

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
34	TP Carbon tetrachloride	Linear	0.998994	0.000000	0.406012	-0.0114834

Continuing Calibration

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2574258	
Project Name	: 545-547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391	
Instrument ID	: VOA110		Calibration Date	: 11/25/25 14:01	
Lab File ID	: V10251125C01		Init. Calib. Date(s)	: 09/15/25	09/15/25
Sample No	: WG2147003-2		Init. Calib. Times	: 14:50	19:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	106	0
Dichlorodifluoromethane	0.233	0.249	-	-6.9	20	101	0
Chloromethane	0.269	0.237	-	11.9	20	99	0
Vinyl chloride	0.307	0.201	-	34.5*	20	66	0
Bromomethane	0.283	0.145	-	48.8*	20	58	0
Chloroethane	0.229	0.141	-	38.4*	20	66	0
Trichlorofluoromethane	0.424	0.36	-	15.1	20	81	0
Ethyl ether	0.198	0.14	-	29.3*	20	77	0
1,1-Dichloroethene	0.259	0.163	-	37.1*	20	65	0
Carbon disulfide	0.958	0.583	-	39.1*	20	64	0
Freon-113	0.245	0.184	-	24.9*	20	71	0
Acrolein	40	20.136	-	49.7*	20	60	0
Methylene chloride	0.276	0.213	-	22.8*	20	92	0
Acetone	40	54.249	-	-35.6*	20	153	0
trans-1,2-Dichloroethene	0.246	0.197	-	19.9	20	84	0
Methyl acetate	0.164	0.19	-	-15.9	20	126	0
Methyl tert-butyl ether	0.76	0.82	-	-7.9	20	114	0
tert-Butyl alcohol	0.043	0.044	-	-2.3	20	119	0
Diisopropyl ether	0.676	0.722	-	-6.8	20	114	0
1,1-Dichloroethane	0.439	0.415	-	5.5	20	101	0
Halothane	0.177	0.154	-	13	20	89	0
Acrylonitrile	0.085	0.091	-	-7.1	20	115	0
Ethyl tert-butyl ether	0.713	0.764	-	-7.2	20	114	0
Vinyl acetate	0.481	0.631	-	-31.2*	20	145	0
cis-1,2-Dichloroethene	0.272	0.228	-	16.2	20	90	0
2,2-Dichloropropane	0.37	0.372	-	-0.5	20	108	0
Bromochloromethane	0.131	0.122	-	6.9	20	103	0
Cyclohexane	0.344	0.343	-	0.3	20	93	0
Chloroform	0.452	0.439	-	2.9	20	112	0
Ethyl acetate	0.236	0.284	-	-20.3*	20	133	0
Carbon tetrachloride	0.321	0.36	-	-12.1	20	111	-.01
Tetrahydrofuran	0.091	0.09	-	1.1	20	113	0
Dibromofluoromethane	0.269	0.255	-	5.2	20	101	0
1,1,1-Trichloroethane	0.351	0.386	-	-10	20	110	0
2-Butanone	0.098	0.122	-	-24.5*	20	131	0
1,1-Dichloropropene	0.296	0.292	-	1.4	20	99	0
Benzene	0.928	0.871	-	6.1	20	98	0
tert-Amyl methyl ether	0.704	0.725	-	-3	20	108	0
1,2-Dichloroethane-d4	0.275	0.348	-	-26.5*	20	136	0
1,2-Dichloroethane	0.311	0.395	-	-27*	20	138	0
Methyl cyclohexane	40	32.843	-	17.9	20	90	0
Trichloroethene	0.247	0.233	-	5.7	20	99	0
Dibromomethane	0.156	0.156	-	0	20	110	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2574258	
Project Name	: 545-547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391	
Instrument ID	: VOA110		Calibration Date	: 11/25/25 14:01	
Lab File ID	: V10251125C01		Init. Calib. Date(s)	: 09/15/25	09/15/25
Sample No	: WG2147003-2		Init. Calib. Times	: 14:50	19:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.242	0.238	-	1.7	20	105	0
Bromodichloromethane	0.335	0.377	-	-12.5	20	118	0
1,4-Dioxane	0.00287	0.00311*	-	-8.4	20	108	0
cis-1,3-Dichloropropene	0.381	0.398	-	-4.5	20	104	0
Chlorobenzene-d5	1	1	-	0	20	107	0
Toluene-d8	1.234	1.185	-	4	20	100	0
Toluene	0.753	0.716	-	4.9	20	100	0
4-Methyl-2-pentanone	0.112	0.118	-	-5.4	20	103	0
Tetrachloroethene	0.297	0.307	-	-3.4	20	104	0
trans-1,3-Dichloropropene	0.435	0.502	-	-15.4	20	118	0
Ethyl methacrylate	0.38	0.405	-	-6.6	20	108	0
1,1,2-Trichloroethane	0.219	0.232	-	-5.9	20	110	0
Chlorodibromomethane	0.32	0.364	-	-13.7	20	117	0
1,3-Dichloropropane	0.458	0.5	-	-9.2	20	115	0
1,2-Dibromoethane	0.269	0.289	-	-7.4	20	109	0
2-Hexanone	0.22	0.226	-	-2.7	20	116	0
Chlorobenzene	0.864	0.802	-	7.2	20	96	0
Ethylbenzene	1.443	1.307	-	9.4	20	95	0
1,1,1,2-Tetrachloroethane	0.312	0.333	-	-6.7	20	107	0
p/m Xylene	0.578	0.544	-	5.9	20	97	0
o Xylene	0.575	0.544	-	5.4	20	97	0
Styrene	0.969	0.886	-	8.6	20	92	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	116	0
Bromoform	0.398	0.426	-	-7	20	120	0
Isopropylbenzene	2.501	2.198	-	12.1	20	97	0
4-Bromofluorobenzene	0.839	0.767	-	8.6	20	108	0
Bromobenzene	0.675	0.599	-	11.3	20	101	0
n-Propylbenzene	2.89	2.538	-	12.2	20	97	0
1,4-Dichlorobutane	0.841	0.886	-	-5.4	20	123	0
1,1,2,2-Tetrachloroethane	0.682	0.656	-	3.8	20	108	0
4-Ethyltoluene	2.553	2.257	-	11.6	20	99	0
2-Chlorotoluene	1.769	1.62	-	8.4	20	104	0
1,3,5-Trimethylbenzene	2.178	2.048	-	6	20	105	0
1,2,3-Trichloropropane	0.55	0.595	-	-8.2	20	123	0
trans-1,4-Dichloro-2-buten	0.198	0.234	-	-18.2	20	135	0
4-Chlorotoluene	1.863	1.712	-	8.1	20	103	0
tert-Butylbenzene	1.882	1.712	-	9	20	99	0
1,2,4-Trimethylbenzene	2.149	2.06	-	4.1	20	105	0
sec-Butylbenzene	2.722	2.534	-	6.9	20	100	0
p-Isopropyltoluene	2.444	2.25	-	7.9	20	99	0
1,3-Dichlorobenzene	1.304	1.225	-	6.1	20	104	0
1,4-Dichlorobenzene	1.352	1.259	-	6.9	20	105	0
p-Diethylbenzene	1.477	1.327	-	10.2	20	97	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258		
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391		
Instrument ID	: VOA110	**Calibration Date**	: 11/25/25 14:01		
Lab File ID	: V10251125C01	**Init. Calib. Date(s)**	: 09/15/25	09/15/25	
Sample No	: WG2147003-2	**Init. Calib. Times**	: 14:50	19:48	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.061	1.998	-	3.1	20	104	0
1,2-Dichlorobenzene	1.248	1.206	-	3.4	20	107	0
1,2,4,5-Tetramethylbenzene	2.355	2.076	-	11.8	20	96	0
1,2-Dibromo-3-chloropropan	0.136	0.145	-	-6.6	20	120	0
1,3,5-Trichlorobenzene	0.963	0.963	-	0	20	112	0
Hexachlorobutadiene	0.43	0.491	-	-14.2	20	121	0
1,2,4-Trichlorobenzene	0.867	0.858	-	1	20	110	0
Naphthalene	2.343	2.144	-	8.5	20	104	0
1,2,3-Trichlorobenzene	0.843	0.862	-	-2.3	20	116	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2574258	
Project Name	: 545-547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391	
Instrument ID	: VOA110		Calibration Date	: 11/25/25 14:01	
Lab File ID	: V10251125C01		Init. Calib. Date(s)	: 09/15/25	09/15/25
Sample No	: WG2147004-2		Init. Calib. Times	: 14:50	19:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	106	0
Dichlorodifluoromethane	0.233	0.249	-	-6.9	20	101	0
Chloromethane	0.269	0.237	-	11.9	20	99	0
Vinyl chloride	0.307	0.201	-	34.5*	20	66	0
Bromomethane	0.283	0.145	-	48.8*	20	58	0
Chloroethane	0.229	0.141	-	38.4*	20	66	0
Trichlorofluoromethane	0.424	0.36	-	15.1	20	81	0
Ethyl ether	0.198	0.14	-	29.3*	20	77	0
1,1-Dichloroethene	0.259	0.163	-	37.1*	20	65	0
Carbon disulfide	0.958	0.583	-	39.1*	20	64	0
Freon-113	0.245	0.184	-	24.9*	20	71	0
Acrolein	40	20.136	-	49.7*	20	60	0
Methylene chloride	0.276	0.213	-	22.8*	20	92	0
Acetone	40	54.249	-	-35.6*	20	153	0
trans-1,2-Dichloroethene	0.246	0.197	-	19.9	20	84	0
Methyl acetate	0.164	0.19	-	-15.9	20	126	0
Methyl tert-butyl ether	0.76	0.82	-	-7.9	20	114	0
tert-Butyl alcohol	0.043	0.044	-	-2.3	20	119	0
Diisopropyl ether	0.676	0.722	-	-6.8	20	114	0
1,1-Dichloroethane	0.439	0.415	-	5.5	20	101	0
Halothane	0.177	0.154	-	13	20	89	0
Acrylonitrile	0.085	0.091	-	-7.1	20	115	0
Ethyl tert-butyl ether	0.713	0.764	-	-7.2	20	114	0
Vinyl acetate	0.481	0.631	-	-31.2*	20	145	0
cis-1,2-Dichloroethene	0.272	0.228	-	16.2	20	90	0
2,2-Dichloropropane	0.37	0.372	-	-0.5	20	108	0
Bromochloromethane	0.131	0.122	-	6.9	20	103	0
Cyclohexane	0.344	0.343	-	0.3	20	93	0
Chloroform	0.452	0.439	-	2.9	20	112	0
Ethyl acetate	0.236	0.284	-	-20.3*	20	133	0
Carbon tetrachloride	0.321	0.36	-	-12.1	20	111	-.01
Tetrahydrofuran	0.091	0.09	-	1.1	20	113	0
Dibromofluoromethane	0.269	0.255	-	5.2	20	101	0
1,1,1-Trichloroethane	0.351	0.386	-	-10	20	110	0
2-Butanone	0.098	0.122	-	-24.5*	20	131	0
1,1-Dichloropropene	0.296	0.292	-	1.4	20	99	0
Benzene	0.928	0.871	-	6.1	20	98	0
tert-Amyl methyl ether	0.704	0.725	-	-3	20	108	0
1,2-Dichloroethane-d4	0.275	0.348	-	-26.5*	20	136	0
1,2-Dichloroethane	0.311	0.395	-	-27*	20	138	0
Methyl cyclohexane	40	32.843	-	17.9	20	90	0
Trichloroethene	0.247	0.233	-	5.7	20	99	0
Dibromomethane	0.156	0.156	-	0	20	110	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2574258	
Project Name	: 545-547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391	
Instrument ID	: VOA110		Calibration Date	: 11/25/25 14:01	
Lab File ID	: V10251125C01		Init. Calib. Date(s)	: 09/15/25	09/15/25
Sample No	: WG2147004-2		Init. Calib. Times	: 14:50	19:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.242	0.238	-	1.7	20	105	0
Bromodichloromethane	0.335	0.377	-	-12.5	20	118	0
1,4-Dioxane	0.00287	0.00311*	-	-8.4	20	108	0
cis-1,3-Dichloropropene	0.381	0.398	-	-4.5	20	104	0
Chlorobenzene-d5	1	1	-	0	20	107	0
Toluene-d8	1.234	1.185	-	4	20	100	0
Toluene	0.753	0.716	-	4.9	20	100	0
4-Methyl-2-pentanone	0.112	0.118	-	-5.4	20	103	0
Tetrachloroethene	0.297	0.307	-	-3.4	20	104	0
trans-1,3-Dichloropropene	0.435	0.502	-	-15.4	20	118	0
Ethyl methacrylate	0.38	0.405	-	-6.6	20	108	0
1,1,2-Trichloroethane	0.219	0.232	-	-5.9	20	110	0
Chlorodibromomethane	0.32	0.364	-	-13.7	20	117	0
1,3-Dichloropropane	0.458	0.5	-	-9.2	20	115	0
1,2-Dibromoethane	0.269	0.289	-	-7.4	20	109	0
2-Hexanone	0.22	0.226	-	-2.7	20	116	0
Chlorobenzene	0.864	0.802	-	7.2	20	96	0
Ethylbenzene	1.443	1.307	-	9.4	20	95	0
1,1,1,2-Tetrachloroethane	0.312	0.333	-	-6.7	20	107	0
p/m Xylene	0.578	0.544	-	5.9	20	97	0
o Xylene	0.575	0.544	-	5.4	20	97	0
Styrene	0.969	0.886	-	8.6	20	92	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	116	0
Bromoform	0.398	0.426	-	-7	20	120	0
Isopropylbenzene	2.501	2.198	-	12.1	20	97	0
4-Bromofluorobenzene	0.839	0.767	-	8.6	20	108	0
Bromobenzene	0.675	0.599	-	11.3	20	101	0
n-Propylbenzene	2.89	2.538	-	12.2	20	97	0
1,4-Dichlorobutane	0.841	0.886	-	-5.4	20	123	0
1,1,2,2-Tetrachloroethane	0.682	0.656	-	3.8	20	108	0
4-Ethyltoluene	2.553	2.257	-	11.6	20	99	0
2-Chlorotoluene	1.769	1.62	-	8.4	20	104	0
1,3,5-Trimethylbenzene	2.178	2.048	-	6	20	105	0
1,2,3-Trichloropropane	0.55	0.595	-	-8.2	20	123	0
trans-1,4-Dichloro-2-buten	0.198	0.234	-	-18.2	20	135	0
4-Chlorotoluene	1.863	1.712	-	8.1	20	103	0
tert-Butylbenzene	1.882	1.712	-	9	20	99	0
1,2,4-Trimethylbenzene	2.149	2.06	-	4.1	20	105	0
sec-Butylbenzene	2.722	2.534	-	6.9	20	100	0
p-Isopropyltoluene	2.444	2.25	-	7.9	20	99	0
1,3-Dichlorobenzene	1.304	1.225	-	6.1	20	104	0
1,4-Dichlorobenzene	1.352	1.259	-	6.9	20	105	0
p-Diethylbenzene	1.477	1.327	-	10.2	20	97	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		**Lab Number**	: L2574258	
Project Name	: 545-547 CONEY ISL./50 HINCKLEY		**Project Number**	: 0204391	
Instrument ID	: VOA110		**Calibration Date**	: 11/25/25 14:01	
Lab File ID	: V10251125C01		**Init. Calib. Date(s)**	: 09/15/25	09/15/25
Sample No	: WG2147004-2		**Init. Calib. Times**	: 14:50	19:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.061	1.998	-	3.1	20	104	0
1,2-Dichlorobenzene	1.248	1.206	-	3.4	20	107	0
1,2,4,5-Tetramethylbenzene	2.355	2.076	-	11.8	20	96	0
1,2-Dibromo-3-chloropropan	0.136	0.145	-	-6.6	20	120	0
1,3,5-Trichlorobenzene	0.963	0.963	-	0	20	112	0
Hexachlorobutadiene	0.43	0.491	-	-14.2	20	121	0
1,2,4-Trichlorobenzene	0.867	0.858	-	1	20	110	0
Naphthalene	2.343	2.144	-	8.5	20	104	0
1,2,3-Trichlorobenzene	0.843	0.862	-	-2.3	20	116	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258		
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391		
Instrument ID	: VOA100	**Calibration Date**	: 11/26/25 06:34		
Lab File ID	: V00251126A01	**Init. Calib. Date(s)**	: 10/23/25	10/23/25	
Sample No	: WG2146922-2	**Init. Calib. Times**	: 15:36	19:04	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	146	0
Dichlorodifluoromethane	0.301	0.306	-	-1.7	20	141	0
Chloromethane	0.333	0.265	-	20.4*	20	125	0
Vinyl chloride	0.461	0.33	-	28.4*	20	106	0
Bromomethane	40	26.903	-	32.7*	20	91	0
Chloroethane	0.369	0.246	-	33.3*	20	102	0
Trichlorofluoromethane	0.509	0.54	-	-6.1	20	166	0
Ethyl ether	0.174	0.162	-	6.9	20	146	0
1,1-Dichloroethene	0.271	0.274	-	-1.1	20	152	0
Carbon disulfide	40	39.483	-	1.3	20	145	0
Freon-113	0.256	0.284	-	-10.9	20	157	0
Acrolein	0.038	0.033	-	13.2	20	129	0
Methylene chloride	0.328	0.311	-	5.2	20	145	0
Acetone	0.15	0.1	-	33.3*	20	107	0
trans-1,2-Dichloroethene	0.319	0.306	-	4.1	20	148	0
Methyl acetate	0.175	0.153	-	12.6	20	140	0
Methyl tert-butyl ether	0.859	0.847	-	1.4	20	152	0
tert-Butyl alcohol	0.032	0.027	-	15.6	20	120	0
Diisopropyl ether	0.87	0.787	-	9.5	20	138	0
1,1-Dichloroethane	0.552	0.496	-	10.1	20	139	0
Halothane	0.231	0.238	-	-3	20	155	0
Acrylonitrile	0.084	0.08	-	4.8	20	138	0
Ethyl tert-butyl ether	0.807	0.755	-	6.4	20	140	0
Vinyl acetate	0.637	0.64	-	-0.5	20	151	0
cis-1,2-Dichloroethene	0.35	0.338	-	3.4	20	148	0
2,2-Dichloropropane	0.455	0.463	-	-1.8	20	155	0
Bromochloromethane	0.174	0.176	-	-1.1	20	154	0
Cyclohexane	0.408	0.402	-	1.5	20	136	0
Chloroform	0.595	0.577	-	3	20	153	0
Ethyl acetate	0.256	0.237	-	7.4	20	137	0
Carbon tetrachloride	0.43	0.487	-	-13.3	20	164	0
Tetrahydrofuran	0.09	0.076	-	15.6	20	138	0
Dibromofluoromethane	0.304	0.288	-	5.3	20	145	0
1,1,1-Trichloroethane	0.45	0.499	-	-10.9	20	160	0
2-Butanone	0.112	0.093	-	17	20	125	0
1,1-Dichloropropene	0.361	0.385	-	-6.6	20	154	0
Benzene	1.17	1.109	-	5.2	20	143	0
tert-Amyl methyl ether	0.827	0.801	-	3.1	20	144	0
1,2-Dichloroethane-d4	0.275	0.251	-	8.7	20	142	0
1,2-Dichloroethane	0.376	0.361	-	4	20	150	0
Methyl cyclohexane	0.503	0.512	-	-1.8	20	147	0
Trichloroethene	0.325	0.322	-	0.9	20	150	0
Dibromomethane	0.203	0.2	-	1.5	20	152	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich	Lab Number	: L2574258		
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391		
Instrument ID	: VOA100	Calibration Date	: 11/26/25 06:34		
Lab File ID	: V00251126A01	Init. Calib. Date(s)	: 10/23/25	10/23/25	
Sample No	: WG2146922-2	Init. Calib. Times	: 15:36	19:04	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.303	0.27	-	10.9	20	137	0
Bromodichloromethane	0.45	0.441	-	2	20	150	0
1,4-Dioxane	0.00254	0.00281*	-	-10.6	20	163	0
cis-1,3-Dichloropropene	0.497	0.484	-	2.6	20	146	0
Chlorobenzene-d5	1	1	-	0	20	137	0
Toluene-d8	1.209	1.191	-	1.5	20	135	0
Toluene	0.804	0.863	-	-7.3	20	150	0
4-Methyl-2-pentanone	0.097	0.098	-	-1	20	128	0
Tetrachloroethene	0.345	0.432	-	-25.2*	20	171	0
trans-1,3-Dichloropropene	0.482	0.528	-	-9.5	20	149	0
Ethyl methacrylate	0.375	0.391	-	-4.3	20	137	0
1,1,2-Trichloroethane	0.243	0.254	-	-4.5	20	144	0
Chlorodibromomethane	0.373	0.446	-	-19.6	20	159	0
1,3-Dichloropropane	0.467	0.493	-	-5.6	20	145	0
1,2-Dibromoethane	0.288	0.339	-	-17.7	20	160	0
2-Hexanone	0.185	0.181	-	2.2	20	121	0
Chlorobenzene	0.965	1.053	-	-9.1	20	149	0
Ethylbenzene	1.581	1.721	-	-8.9	20	149	0
1,1,1,2-Tetrachloroethane	0.343	0.413	-	-20.4*	20	157	0
p/m Xylene	0.634	0.695	-	-9.6	20	150	0
o Xylene	0.629	0.684	-	-8.7	20	148	0
Styrene	1.082	1.155	-	-6.7	20	142	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	140	0
Bromoform	0.472	0.539	-	-14.2	20	158	0
Isopropylbenzene	2.775	3.003	-	-8.2	20	152	0
4-Bromofluorobenzene	0.773	0.724	-	6.3	20	135	0
Bromobenzene	0.712	0.789	-	-10.8	20	159	0
n-Propylbenzene	3.348	3.396	-	-1.4	20	144	0
1,4-Dichlorobutane	0.791	0.723	-	8.6	20	130	0
1,1,2,2-Tetrachloroethane	0.684	0.697	-	-1.9	20	136	0
4-Ethyltoluene	2.732	2.87	-	-5.1	20	148	0
2-Chlorotoluene	1.902	1.967	-	-3.4	20	146	0
1,3,5-Trimethylbenzene	2.355	2.486	-	-5.6	20	149	0
1,2,3-Trichloropropane	0.539	0.532	-	1.3	20	140	0
trans-1,4-Dichloro-2-buten	0.179	0.184	-	-2.8	20	138	0
4-Chlorotoluene	1.966	2.069	-	-5.2	20	148	0
tert-Butylbenzene	2.083	2.275	-	-9.2	20	151	0
1,2,4-Trimethylbenzene	2.317	2.502	-	-8	20	150	0
sec-Butylbenzene	3.067	3.333	-	-8.7	20	147	0
p-Isopropyltoluene	2.712	3.004	-	-10.8	20	152	0
1,3-Dichlorobenzene	1.418	1.621	-	-14.3	20	158	0
1,4-Dichlorobenzene	1.433	1.64	-	-14.4	20	158	0
p-Diethylbenzene	1.628	1.802	-	-10.7	20	153	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258		
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391		
Instrument ID	: VOA100	**Calibration Date**	: 11/26/25 06:34		
Lab File ID	: V00251126A01	**Init. Calib. Date(s)**	: 10/23/25	10/23/25	
Sample No	: WG2146922-2	**Init. Calib. Times**	: 15:36	19:04	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.376	2.674	-	-12.5	20	153	0
1,2-Dichlorobenzene	1.321	1.537	-	-16.4	20	159	0
1,2,4,5-Tetramethylbenzene	2.445	2.764	-	-13	20	155	0
1,2-Dibromo-3-chloropropan	0.123	0.144	-	-17.1	20	149	0
1,3,5-Trichlorobenzene	0.993	1.24	-	-24.9*	20	175	0
Hexachlorobutadiene	0.428	0.545	-	-27.3*	20	181	0
1,2,4-Trichlorobenzene	0.887	1.093	-	-23.2*	20	175	0
Naphthalene	2.083	2.399	-	-15.2	20	157	0
1,2,3-Trichlorobenzene	0.799	1.003	-	-25.5*	20	176	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2574258	
Project Name	: 545-547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391	
Instrument ID	: VOA100		Calibration Date	: 11/26/25 06:34	
Lab File ID	: V00251126A01		Init. Calib. Date(s)	: 10/23/25	10/23/25
Sample No	: WG2146952-2		Init. Calib. Times	: 15:36	19:04
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	146	0
Dichlorodifluoromethane	0.301	0.306	-	-1.7	20	141	0
Chloromethane	0.333	0.265	-	20.4*	20	125	0
Vinyl chloride	0.461	0.33	-	28.4*	20	106	0
Bromomethane	40	26.903	-	32.7*	20	91	0
Chloroethane	0.369	0.246	-	33.3*	20	102	0
Trichlorofluoromethane	0.509	0.54	-	-6.1	20	166	0
Ethyl ether	0.174	0.162	-	6.9	20	146	0
1,1-Dichloroethene	0.271	0.274	-	-1.1	20	152	0
Carbon disulfide	40	39.483	-	1.3	20	145	0
Freon-113	0.256	0.284	-	-10.9	20	157	0
Acrolein	0.038	0.033	-	13.2	20	129	0
Methylene chloride	0.328	0.311	-	5.2	20	145	0
Acetone	0.15	0.1	-	33.3*	20	107	0
trans-1,2-Dichloroethene	0.319	0.306	-	4.1	20	148	0
Methyl acetate	0.175	0.153	-	12.6	20	140	0
Methyl tert-butyl ether	0.859	0.847	-	1.4	20	152	0
tert-Butyl alcohol	0.032	0.027	-	15.6	20	120	0
Diisopropyl ether	0.87	0.787	-	9.5	20	138	0
1,1-Dichloroethane	0.552	0.496	-	10.1	20	139	0
Halothane	0.231	0.238	-	-3	20	155	0
Acrylonitrile	0.084	0.08	-	4.8	20	138	0
Ethyl tert-butyl ether	0.807	0.755	-	6.4	20	140	0
Vinyl acetate	0.637	0.64	-	-0.5	20	151	0
cis-1,2-Dichloroethene	0.35	0.338	-	3.4	20	148	0
2,2-Dichloropropane	0.455	0.463	-	-1.8	20	155	0
Bromochloromethane	0.174	0.176	-	-1.1	20	154	0
Cyclohexane	0.408	0.402	-	1.5	20	136	0
Chloroform	0.595	0.577	-	3	20	153	0
Ethyl acetate	0.256	0.237	-	7.4	20	137	0
Carbon tetrachloride	0.43	0.487	-	-13.3	20	164	0
Tetrahydrofuran	0.09	0.076	-	15.6	20	138	0
Dibromofluoromethane	0.304	0.288	-	5.3	20	145	0
1,1,1-Trichloroethane	0.45	0.499	-	-10.9	20	160	0
2-Butanone	0.112	0.093	-	17	20	125	0
1,1-Dichloropropene	0.361	0.385	-	-6.6	20	154	0
Benzene	1.17	1.109	-	5.2	20	143	0
tert-Amyl methyl ether	0.827	0.801	-	3.1	20	144	0
1,2-Dichloroethane-d4	0.275	0.251	-	8.7	20	142	0
1,2-Dichloroethane	0.376	0.361	-	4	20	150	0
Methyl cyclohexane	0.503	0.512	-	-1.8	20	147	0
Trichloroethene	0.325	0.322	-	0.9	20	150	0
Dibromomethane	0.203	0.2	-	1.5	20	152	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich	Lab Number	: L2574258		
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391		
Instrument ID	: VOA100	Calibration Date	: 11/26/25 06:34		
Lab File ID	: V00251126A01	Init. Calib. Date(s)	: 10/23/25	10/23/25	
Sample No	: WG2146952-2	Init. Calib. Times	: 15:36	19:04	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.303	0.27	-	10.9	20	137	0
Bromodichloromethane	0.45	0.441	-	2	20	150	0
1,4-Dioxane	0.00254	0.00281*	-	-10.6	20	163	0
cis-1,3-Dichloropropene	0.497	0.484	-	2.6	20	146	0
Chlorobenzene-d5	1	1	-	0	20	137	0
Toluene-d8	1.209	1.191	-	1.5	20	135	0
Toluene	0.804	0.863	-	-7.3	20	150	0
4-Methyl-2-pentanone	0.097	0.098	-	-1	20	128	0
Tetrachloroethene	0.345	0.432	-	-25.2*	20	171	0
trans-1,3-Dichloropropene	0.482	0.528	-	-9.5	20	149	0
Ethyl methacrylate	0.375	0.391	-	-4.3	20	137	0
1,1,2-Trichloroethane	0.243	0.254	-	-4.5	20	144	0
Chlorodibromomethane	0.373	0.446	-	-19.6	20	159	0
1,3-Dichloropropane	0.467	0.493	-	-5.6	20	145	0
1,2-Dibromoethane	0.288	0.339	-	-17.7	20	160	0
2-Hexanone	0.185	0.181	-	2.2	20	121	0
Chlorobenzene	0.965	1.053	-	-9.1	20	149	0
Ethylbenzene	1.581	1.721	-	-8.9	20	149	0
1,1,1,2-Tetrachloroethane	0.343	0.413	-	-20.4*	20	157	0
p/m Xylene	0.634	0.695	-	-9.6	20	150	0
o Xylene	0.629	0.684	-	-8.7	20	148	0
Styrene	1.082	1.155	-	-6.7	20	142	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	140	0
Bromoform	0.472	0.539	-	-14.2	20	158	0
Isopropylbenzene	2.775	3.003	-	-8.2	20	152	0
4-Bromofluorobenzene	0.773	0.724	-	6.3	20	135	0
Bromobenzene	0.712	0.789	-	-10.8	20	159	0
n-Propylbenzene	3.348	3.396	-	-1.4	20	144	0
1,4-Dichlorobutane	0.791	0.723	-	8.6	20	130	0
1,1,2,2-Tetrachloroethane	0.684	0.697	-	-1.9	20	136	0
4-Ethyltoluene	2.732	2.87	-	-5.1	20	148	0
2-Chlorotoluene	1.902	1.967	-	-3.4	20	146	0
1,3,5-Trimethylbenzene	2.355	2.486	-	-5.6	20	149	0
1,2,3-Trichloropropane	0.539	0.532	-	1.3	20	140	0
trans-1,4-Dichloro-2-buten	0.179	0.184	-	-2.8	20	138	0
4-Chlorotoluene	1.966	2.069	-	-5.2	20	148	0
tert-Butylbenzene	2.083	2.275	-	-9.2	20	151	0
1,2,4-Trimethylbenzene	2.317	2.502	-	-8	20	150	0
sec-Butylbenzene	3.067	3.333	-	-8.7	20	147	0
p-Isopropyltoluene	2.712	3.004	-	-10.8	20	152	0
1,3-Dichlorobenzene	1.418	1.621	-	-14.3	20	158	0
1,4-Dichlorobenzene	1.433	1.64	-	-14.4	20	158	0
p-Diethylbenzene	1.628	1.802	-	-10.7	20	153	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258		
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391		
Instrument ID	: VOA100	**Calibration Date**	: 11/26/25 06:34		
Lab File ID	: V00251126A01	**Init. Calib. Date(s)**	: 10/23/25	10/23/25	
Sample No	: WG2146952-2	**Init. Calib. Times**	: 15:36	19:04	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.376	2.674	-	-12.5	20	153	0
1,2-Dichlorobenzene	1.321	1.537	-	-16.4	20	159	0
1,2,4,5-Tetramethylbenzene	2.445	2.764	-	-13	20	155	0
1,2-Dibromo-3-chloropropan	0.123	0.144	-	-17.1	20	149	0
1,3,5-Trichlorobenzene	0.993	1.24	-	-24.9*	20	175	0
Hexachlorobutadiene	0.428	0.545	-	-27.3*	20	181	0
1,2,4-Trichlorobenzene	0.887	1.093	-	-23.2*	20	175	0
Naphthalene	2.083	2.399	-	-15.2	20	157	0
1,2,3-Trichlorobenzene	0.799	1.003	-	-25.5*	20	176	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258		
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391		
Instrument ID	: GONZO	**Calibration Date**	: 11/27/25 04:10		
Lab File ID	: VG251127A01	**Init. Calib. Date(s)**	: 10/24/25	10/24/25	
Sample No	: WG2147438-2	**Init. Calib. Times**	: 13:08	17:34	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	86	0
Dichlorodifluoromethane	0.251	0.312	-	-24.3*	20	117	0
Chloromethane	0.352	0.412	-	-17	20	99	0
Vinyl chloride	0.303	0.344	-	-13.5	20	98	0
Bromomethane	0.216	0.108	-	50*	20	42	0
Chloroethane	0.192	0.162	-	15.6	20	67	0
Trichlorofluoromethane	0.351	0.381	-	-8.5	20	98	0
Ethyl ether	0.116	0.116	-	0	20	88	0
1,1-Dichloroethene	0.219	0.221	-	-0.9	20	93	0
Carbon disulfide	0.722	0.776	-	-7.5	20	95	0
Freon-113	0.222	0.231	-	-4.1	20	102	0
Iodomethane	10	4.586	-	54.1*	20	46	0
Acrolein	0.027	0.025	-	7.4	20	85	0
Methylene chloride	0.262	0.261	-	0.4	20	86	0
Acetone	0.049	0.046	-	6.1	20	92	0
trans-1,2-Dichloroethene	0.25	0.255	-	-2	20	88	0
Methyl acetate	0.115	0.125	-	-8.7	20	101	0
Methyl tert-butyl ether	0.559	0.536	-	4.1	20	84	0
tert-Butyl alcohol	0.014	0.014	-	0	20	89	0
Diisopropyl ether	0.899	1.052	-	-17	20	101	0
1,1-Dichloroethane	0.504	0.541	-	-7.3	20	90	0
Halothane	0.199	0.203	-	-2	20	92	0
Acrylonitrile	0.061	0.061	-	0	20	93	0
Ethyl tert-butyl ether	0.714	0.699	-	2.1	20	87	0
Vinyl acetate	0.529	0.628	-	-18.7	20	107	0
cis-1,2-Dichloroethene	0.276	0.292	-	-5.8	20	88	0
2,2-Dichloropropane	0.345	0.403	-	-16.8	20	99	0
Bromochloromethane	0.121	0.135	-	-11.6	20	88	0
Cyclohexane	0.492	0.53	-	-7.7	20	108	0
Chloroform	0.456	0.477	-	-4.6	20	92	0
Ethyl acetate	0.183	0.202	-	-10.4	20	103	0
Carbon tetrachloride	0.357	0.376	-	-5.3	20	93	0
Tetrahydrofuran	0.058	0.065	-	-12.1	20	99	0
Dibromofluoromethane	0.264	0.252	-	4.5	20	84	0
1,1,1-Trichloroethane	0.39	0.41	-	-5.1	20	93	0
2-Butanone	0.076	0.087	-	-14.5	20	104	0
1,1-Dichloropropene	0.313	0.343	-	-9.6	20	97	0
Benzene	0.987	1.104	-	-11.9	20	93	0
tert-Amyl methyl ether	0.558	0.499	-	10.6	20	79	0
1,2-Dichloroethane-d4	0.285	0.294	-	-3.2	20	86	0
1,2-Dichloroethane	0.32	0.347	-	-8.4	20	93	0
Methyl cyclohexane	0.447	0.447	-	0	20	103	0
Trichloroethene	0.28	0.289	-	-3.2	20	91	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2574258	
Project Name	: 545-547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391	
Instrument ID	: GONZO		Calibration Date	: 11/27/25 04:10	
Lab File ID	: VG251127A01		Init. Calib. Date(s)	: 10/24/25	10/24/25
Sample No	: WG2147438-2		Init. Calib. Times	: 13:08	17:34
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Dibromomethane	0.132	0.138	-	-4.5	20	91	0
1,2-Dichloropropane	0.283	0.29	-	-2.5	20	88	0
Bromodichloromethane	0.345	0.358	-	-3.8	20	89	0
1,4-Dioxane	0.00147	0.0015*	-	-2	20	94	0
cis-1,3-Dichloropropene	0.376	0.39	-	-3.7	20	87	0
Chlorobenzene-d5	1	1	-	0	20	87	0
Toluene-d8	1.286	1.244	-	3.3	20	84	0
Toluene	0.836	0.879	-	-5.1	20	91	0
4-Methyl-2-pentanone	0.076	0.069	-	9.2	20	89	0
Tetrachloroethene	0.384	0.416	-	-8.3	20	93	0
trans-1,3-Dichloropropene	0.393	0.407	-	-3.6	20	87	0
Ethyl methacrylate	0.289	0.262	-	9.3	20	88	0
1,1,2-Trichloroethane	0.203	0.211	-	-3.9	20	91	0
Chlorodibromomethane	0.328	0.325	-	0.9	20	89	0
1,3-Dichloropropane	0.407	0.417	-	-2.5	20	88	0
1,2-Dibromoethane	0.238	0.231	-	2.9	20	86	0
2-Hexanone	10	10.059	-	-0.6	20	97	0
Chlorobenzene	0.978	1.041	-	-6.4	20	90	0
Ethylbenzene	1.606	1.702	-	-6	20	90	0
1,1,1,2-Tetrachloroethane	0.356	0.362	-	-1.7	20	89	0
p/m Xylene	0.635	0.694	-	-9.3	20	92	0
o Xylene	0.623	0.667	-	-7.1	20	90	0
Styrene	1.014	1.117	-	-10.2	20	90	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	89	0
Bromoform	0.335	0.323	-	3.6	20	87	0
Isopropylbenzene	2.588	2.858	-	-10.4	20	94	0
4-Bromofluorobenzene	0.782	0.751	-	4	20	85	0
Bromobenzene	0.702	0.732	-	-4.3	20	89	0
n-Propylbenzene	3.115	3.433	-	-10.2	20	94	0
1,4-Dichlorobutane	0.778	0.866	-	-11.3	20	97	0
1,1,2,2-Tetrachloroethane	0.47	0.484	-	-3	20	90	0
4-Ethyltoluene	2.598	2.874	-	-10.6	20	94	0
2-Chlorotoluene	1.927	1.991	-	-3.3	20	89	0
1,3,5-Trimethylbenzene	2.275	2.483	-	-9.1	20	95	0
1,2,3-Trichloropropane	0.391	0.386	-	1.3	20	93	0
trans-1,4-Dichloro-2-buten	0.138	0.107	-	22.5*	20	70	0
4-Chlorotoluene	1.972	2.082	-	-5.6	20	92	0
tert-Butylbenzene	1.951	2.153	-	-10.4	20	98	0
1,2,4-Trimethylbenzene	2.116	2.314	-	-9.4	20	95	0
sec-Butylbenzene	2.796	3.175	-	-13.6	20	98	0
p-Isopropyltoluene	10	10.251	-	-2.5	20	97	0
1,3-Dichlorobenzene	1.391	1.486	-	-6.8	20	93	0
1,4-Dichlorobenzene	1.399	1.481	-	-5.9	20	94	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258		
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391		
Instrument ID	: GONZO	**Calibration Date**	: 11/27/25 04:10		
Lab File ID	: VG251127A01	**Init. Calib. Date(s)**	: 10/24/25	10/24/25	
Sample No	: WG2147438-2	**Init. Calib. Times**	: 13:08	17:34	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.464	1.512	-	-3.3	20	98	0
n-Butylbenzene	10	10.6	-	-6	20	104	0
1,2-Dichlorobenzene	1.236	1.306	-	-5.7	20	91	0
1,2,4,5-Tetramethylbenzene	10	8.933	-	10.7	20	94	0
1,2-Dibromo-3-chloropropan	0.07	0.063	-	10	20	80	0
1,3,5-Trichlorobenzene	0.758	0.869	-	-14.6	20	99	0
Hexachlorobutadiene	0.316	0.379	-	-19.9	20	109	0
1,2,4-Trichlorobenzene	0.522	0.532	-	-1.9	20	91	0
Naphthalene	10	9.224	-	7.8	20	84	0
1,2,3-Trichlorobenzene	0.362	0.362*	-	0	20	89	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2574258	
Project Name	: 545-547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391	
Instrument ID	: VOA123		Calibration Date	: 11/28/25 08:16	
Lab File ID	: V23251128A01		Init. Calib. Date(s)	: 11/03/25	11/04/25
Sample No	: WG2148010-2		Init. Calib. Times	: 20:17	00:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	103	0
Dichlorodifluoromethane	0.22	0.309	-	-40.5*	20	141	0
Chloromethane	0.24	0.302	-	-25.8*	20	127	0
Vinyl chloride	0.26	0.358	-	-37.7*	20	136	0
Bromomethane	0.166	0.284	-	-71.1*	20	179	0
Chloroethane	0.18	0.238	-	-32.2*	20	135	0
Trichlorofluoromethane	0.393	0.551	-	-40.2*	20	141	0
Ethyl ether	0.132	0.146	-	-10.6	20	110	0
1,1-Dichloroethene	0.208	0.254	-	-22.1*	20	123	0
Carbon disulfide	0.767	0.861	-	-12.3	20	121	0
Freon-113	0.211	0.271	-	-28.4*	20	129	0
Acrolein	0.026	0.027	-	-3.8	20	105	0
Methylene chloride	0.27	0.286	-	-5.9	20	109	0
Acetone	40	53.563	-	-33.9*	20	133	0
trans-1,2-Dichloroethene	0.243	0.285	-	-17.3	20	116	0
Methyl acetate	0.104	0.108	-	-3.8	20	103	0
Methyl tert-butyl ether	0.694	0.727	-	-4.8	20	105	0
tert-Butyl alcohol	0.019	0.019	-	0	20	94	0
Diisopropyl ether	0.75	0.837	-	-11.6	20	112	0
1,1-Dichloroethane	0.447	0.512	-	-14.5	20	114	0
Halothane	0.181	0.213	-	-17.7	20	118	0
Acrylonitrile	0.054	0.055	-	-1.9	20	103	0
Ethyl tert-butyl ether	0.76	0.833	-	-9.6	20	110	0
Vinyl acetate	0.517	0.55	-	-6.4	20	105	0
cis-1,2-Dichloroethene	0.279	0.31	-	-11.1	20	110	0
2,2-Dichloropropane	0.368	0.44	-	-19.6	20	119	0
Bromochloromethane	0.125	0.137	-	-9.6	20	107	0
Cyclohexane	0.373	0.468	-	-25.5*	20	126	0
Chloroform	0.547	0.523	-	4.4	20	110	0
Ethyl acetate	0.175	0.178	-	-1.7	20	103	0
Carbon tetrachloride	0.355	0.417	-	-17.5	20	118	0
Tetrahydrofuran	0.055	0.058	-	-5.5	20	110	0
Dibromofluoromethane	0.252	0.248	-	1.6	20	100	0
1,1,1-Trichloroethane	0.378	0.467	-	-23.5*	20	119	0
2-Butanone	0.076	0.075	-	1.3	20	110	0
1,1-Dichloropropene	0.295	0.381	-	-29.2*	20	126	0
Benzene	0.932	1.079	-	-15.8	20	113	0
tert-Amyl methyl ether	0.674	0.712	-	-5.6	20	105	0
1,2-Dichloroethane-d4	0.258	0.236	-	8.5	20	95	0
1,2-Dichloroethane	0.34	0.361	-	-6.2	20	106	0
Methyl cyclohexane	0.403	0.488	-	-21.1*	20	120	0
Trichloroethene	0.256	0.304	-	-18.7	20	115	0
Dibromomethane	0.152	0.159	-	-4.6	20	104	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich	Lab Number	: L2574258		
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391		
Instrument ID	: VOA123	Calibration Date	: 11/28/25 08:16		
Lab File ID	: V23251128A01	Init. Calib. Date(s)	: 11/03/25	11/04/25	
Sample No	: WG2148010-2	Init. Calib. Times	: 20:17	00:11	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.257	0.279	-	-8.6	20	108	0
Bromodichloromethane	0.36	0.393	-	-9.2	20	105	0
1,4-Dioxane	0.00149	0.00157*	-	-5.4	20	100	.01
cis-1,3-Dichloropropene	0.396	0.435	-	-9.8	20	103	0
Chlorobenzene-d5	1	1	-	0	20	103	0
Toluene-d8	1.353	1.285	-	5	20	98	0
Toluene	0.85	0.954	-	-12.2	20	112	0
4-Methyl-2-pentanone	0.091	0.093	-	-2.2	20	97	0
Tetrachloroethene	0.366	0.458	-	-25.1*	20	120	0
trans-1,3-Dichloropropene	0.479	0.511	-	-6.7	20	101	0
Ethyl methacrylate	0.361	0.36	-	0.3	20	95	0
1,1,2-Trichloroethane	0.244	0.252	-	-3.3	20	103	0
Chlorodibromomethane	0.351	0.389	-	-10.8	20	104	0
1,3-Dichloropropane	0.482	0.507	-	-5.2	20	104	0
1,2-Dibromoethane	0.271	0.294	-	-8.5	20	101	0
2-Hexanone	0.162	0.145	-	10.5	20	94	0
Chlorobenzene	0.972	1.082	-	-11.3	20	109	0
Ethylbenzene	1.683	1.867	-	-10.9	20	113	0
1,1,1,2-Tetrachloroethane	0.355	0.405	-	-14.1	20	108	0
p/m Xylene	0.629	0.727	-	-15.6	20	112	0
o Xylene	0.635	0.707	-	-11.3	20	109	0
Styrene	1.07	1.053	-	1.6	20	95	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	110	0
Bromoform	0.434	0.428	-	1.4	20	104	0
Isopropylbenzene	2.998	3.284	-	-9.5	20	115	0
4-Bromofluorobenzene	0.894	1.083	-	-21.1*	20	133	0
Bromobenzene	0.808	0.825	-	-2.1	20	108	0
n-Propylbenzene	3.569	3.942	-	-10.5	20	116	0
1,4-Dichlorobutane	0.911	0.899	-	1.3	20	106	0
1,1,2,2-Tetrachloroethane	0.66	0.647	-	2	20	103	0
4-Ethyltoluene	2.97	3.306	-	-11.3	20	116	0
2-Chlorotoluene	2.229	2.374	-	-6.5	20	114	0
1,3,5-Trimethylbenzene	2.635	2.85	-	-8.2	20	114	0
1,2,3-Trichloropropane	0.522	0.498	-	4.6	20	103	0
trans-1,4-Dichloro-2-buten	0.184	0.163	-	11.4	20	95	0
4-Chlorotoluene	2.265	2.398	-	-5.9	20	111	0
tert-Butylbenzene	2.206	2.424	-	-9.9	20	115	0
1,2,4-Trimethylbenzene	2.619	2.828	-	-8	20	113	0
sec-Butylbenzene	3.3	3.712	-	-12.5	20	118	0
p-Isopropyltoluene	2.858	3.219	-	-12.6	20	117	0
1,3-Dichlorobenzene	1.528	1.666	-	-9	20	114	0
1,4-Dichlorobenzene	1.565	1.679	-	-7.3	20	114	0
p-Diethylbenzene	1.692	1.948	-	-15.1	20	119	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258		
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391		
Instrument ID	: VOA123	**Calibration Date**	: 11/28/25 08:16		
Lab File ID	: V23251128A01	**Init. Calib. Date(s)**	: 11/03/25	11/04/25	
Sample No	: WG2148010-2	**Init. Calib. Times**	: 20:17	00:11	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.564	3.083	-	-20.2*	20	125	0
1,2-Dichlorobenzene	1.432	1.541	-	-7.6	20	112	0
1,2,4,5-Tetramethylbenzene	2.755	3.04	-	-10.3	20	114	0
1,2-Dibromo-3-chloropropan	0.101	0.094	-	6.9	20	99	0
1,3,5-Trichlorobenzene	1.176	1.368	-	-16.3	20	122	0
Hexachlorobutadiene	0.586	0.676	-	-15.4	20	121	0
1,2,4-Trichlorobenzene	1.032	1.181	-	-14.4	20	118	0
Naphthalene	1.978	2.012	-	-1.7	20	106	0
1,2,3-Trichlorobenzene	0.884	0.997	-	-12.8	20	115	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258		
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391		
Instrument ID	: VOA129	**Calibration Date**	: 12/01/25 08:50		
Lab File ID	: V29251201A02	**Init. Calib. Date(s)**	: 11/25/25	11/26/25	
Sample No	: WG2148464-2	**Init. Calib. Times**	: 21:27	00:55	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	113	0
Dichlorodifluoromethane	0.318	0.261	-	17.9	20	100	0
Chloromethane	0.42	0.345	-	17.9	20	103	0
Vinyl chloride	0.324	0.287	-	11.4	20	109	0
Bromomethane	0.213	0.167	-	21.6*	20	108	0
Chloroethane	0.19	0.171	-	10	20	111	0
Trichlorofluoromethane	0.426	0.408	-	4.2	20	117	0
Ethyl ether	0.123	0.103	-	16.3	20	100	0
1,1-Dichloroethene	0.209	0.195	-	6.7	20	114	0
Carbon disulfide	0.751	0.678	-	9.7	20	110	0
Freon-113	0.211	0.212	-	-0.5	20	117	0
Acrolein	0.026	0.026	-	0	20	101	0
Methylene chloride	0.276	0.22	-	20.3*	20	107	0
Acetone	0.083	0.083	-	0	20	105	0
trans-1,2-Dichloroethene	0.236	0.219	-	7.2	20	110	0
Methyl acetate	0.136	0.128	-	5.9	20	103	0
Methyl tert-butyl ether	0.641	0.599	-	6.6	20	99	0
tert-Butyl alcohol	0.026	0.024	-	7.7	20	87	0
Diisopropyl ether	0.935	0.812	-	13.2	20	95	0
1,1-Dichloroethane	0.493	0.426	-	13.6	20	102	0
Halothane	0.174	0.168	-	3.4	20	108	0
Acrylonitrile	0.066	0.064	-	3	20	98	0
Ethyl tert-butyl ether	0.795	0.722	-	9.2	20	97	0
Vinyl acetate	0.539	0.522	-	3.2	20	102	0
cis-1,2-Dichloroethene	0.257	0.232	-	9.7	20	102	0
2,2-Dichloropropane	0.396	0.393	-	0.8	20	118	0
Bromochloromethane	0.116	0.11	-	5.2	20	100	0
Cyclohexane	0.459	0.448	-	2.4	20	116	0
Chloroform	0.514	0.437	-	15	20	100	0
Ethyl acetate	0.211	0.181	-	14.2	20	87	0
Carbon tetrachloride	40	36.263	-	9.3	20	115	0
Tetrahydrofuran	0.057	0.066	-	-15.8	20	122	0
Dibromofluoromethane	0.249	0.259	-	-4	20	115	0
1,1,1-Trichloroethane	0.406	0.407	-	-0.2	20	111	0
2-Butanone	0.096	0.08	-	16.7	20	86	0
1,1-Dichloropropene	0.314	0.323	-	-2.9	20	116	0
Benzene	0.943	0.874	-	7.3	20	103	0
tert-Amyl methyl ether	0.597	0.577	-	3.4	20	97	0
1,2-Dichloroethane-d4	0.285	0.306	-	-7.4	20	123	0
1,2-Dichloroethane	0.368	0.335	-	9	20	98	0
Methyl cyclohexane	0.394	0.394	-	0	20	123	0
Trichloroethene	0.273	0.258	-	5.5	20	105	0
Dibromomethane	0.14	0.128	-	8.6	20	94	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich	Lab Number	: L2574258		
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391		
Instrument ID	: VOA129	Calibration Date	: 12/01/25 08:50		
Lab File ID	: V29251201A02	Init. Calib. Date(s)	: 11/25/25	11/26/25	
Sample No	: WG2148464-2	Init. Calib. Times	: 21:27	00:55	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.27	0.239	-	11.5	20	96	0
2-Chloroethyl vinyl ether	0.122	0.039	-	68*	20	31	0
Bromodichloromethane	0.358	0.324	-	9.5	20	89	0
1,4-Dioxane	0.00144	0.00161*	-	-11.8	20	120	0
cis-1,3-Dichloropropene	0.37	0.351	-	5.1	20	92	0
Chlorobenzene-d5	1	1	-	0	20	117	0
Toluene-d8	1.275	1.292	-	-1.3	20	117	0
Toluene	0.848	0.752	-	11.3	20	101	0
4-Methyl-2-pentanone	0.095	0.094	-	1.1	20	89	0
Tetrachloroethene	0.384	0.375	-	2.3	20	114	0
trans-1,3-Dichloropropene	0.45	0.416	-	7.6	20	91	0
Ethyl methacrylate	0.317	0.313	-	1.3	20	94	0
1,1,2-Trichloroethane	0.215	0.194*	-	9.8	20	89	0
Chlorodibromomethane	0.334	0.301	-	9.9	20	89	0
1,3-Dichloropropane	0.449	0.403	-	10.2	20	90	0
1,2-Dibromoethane	0.245	0.231	-	5.7	20	93	0
2-Hexanone	0.185	0.181	-	2.2	20	89	0
Chlorobenzene	0.94	0.838	-	10.9	20	95	0
Ethylbenzene	1.574	1.504	-	4.4	20	104	0
1,1,1,2-Tetrachloroethane	0.351	0.322	-	8.3	20	93	0
p/m Xylene	0.569	0.575	-	-1.1	20	103	0
o Xylene	0.557	0.552	-	0.9	20	100	0
Styrene	0.929	0.929	-	0	20	96	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	122	0
Bromoform	0.392	0.34	-	13.3	20	91	0
Isopropylbenzene	2.777	2.645	-	4.8	20	108	0
4-Bromofluorobenzene	0.858	0.865	-	-0.8	20	122	0
Bromobenzene	0.755	0.653	-	13.5	20	98	0
n-Propylbenzene	3.336	3.141	-	5.8	20	109	0
1,4-Dichlorobutane	0.98	0.852	-	13.1	20	92	0
1,1,2,2-Tetrachloroethane	0.565	0.484	-	14.3	20	89	0
4-Ethyltoluene	2.725	2.605	-	4.4	20	108	0
2-Chlorotoluene	2.031	2.146	-	-5.7	20	122	0
1,3,5-Trimethylbenzene	2.414	2.314	-	4.1	20	107	0
1,2,3-Trichloropropane	0.484	0.41	-	15.3	20	88	0
trans-1,4-Dichloro-2-buten	0.202	0.183	-	9.4	20	91	0
4-Chlorotoluene	2.14	1.961	-	8.4	20	103	0
tert-Butylbenzene	2.072	1.967	-	5.1	20	109	0
1,2,4-Trimethylbenzene	2.369	2.234	-	5.7	20	105	0
sec-Butylbenzene	3.047	2.949	-	3.2	20	113	0
p-Isopropyltoluene	2.606	2.595	-	0.4	20	113	0
1,3-Dichlorobenzene	1.477	1.297	-	12.2	20	102	0
1,4-Dichlorobenzene	1.453	1.289	-	11.3	20	101	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574258		
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391		
Instrument ID	: VOA129	**Calibration Date**	: 12/01/25 08:50		
Lab File ID	: V29251201A02	**Init. Calib. Date(s)**	: 11/25/25	11/26/25	
Sample No	: WG2148464-2	**Init. Calib. Times**	: 21:27	00:55	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.537	1.528	-	0.6	20	114	0
n-Butylbenzene	2.437	2.42	-	0.7	20	115	0
1,2-Dichlorobenzene	1.337	1.186	-	11.3	20	100	0
1,2,4,5-Tetramethylbenzene	2.456	2.304	-	6.2	20	108	0
1,2-Dibromo-3-chloropropan	0.098	0.089	-	9.2	20	91	0
1,3,5-Trichlorobenzene	1.174	1.083	-	7.8	20	111	0
Hexachlorobutadiene	0.621	0.578	-	6.9	20	117	0
1,2,4-Trichlorobenzene	0.981	0.939	-	4.3	20	110	0
Naphthalene	1.727	1.693	-	2	20	104	0
1,2,3-Trichlorobenzene	0.893	0.844	-	5.5	20	105	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147004-2
Misc : WG2147004,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	106	0.00
2	TP	Dichlorodifluoromethane	0.233	0.249	-6.9	101	0.00
3	TP	Chloromethane	0.269	0.237	11.9	99	0.00
4	TP	Vinyl chloride	0.307	0.201	34.5#	66	0.00
5	TP	Bromomethane	0.283	0.145	48.8#	58	0.00
6	TP	Chloroethane	0.229	0.141	38.4#	66	0.00
7	TP	Trichlorofluoromethane	0.424	0.360	15.1	81	0.00
8	TP	Ethyl ether	0.198	0.140	29.3#	77	0.00
10	TP	1,1-Dichloroethene	0.259	0.163	37.1#	65	0.00
11	TP	Carbon disulfide	0.958	0.583	39.1#	64	0.00
12	TP	Freon-113	0.245	0.184	24.9#	71	0.00
14	TP	Acrolein	* 40.000	20.136	49.7#	60	0.00
15	TP	Methylene chloride	0.276	0.213	22.8#	92	0.00
17	TP	Acetone	* 40.000	54.249	-35.6#	153	0.00
18	TP	trans-1,2-Dichloroethene	0.246	0.197	19.9	84	0.00
19	TP	Methyl acetate	0.164	0.190	-15.9	126	0.00
20	TP	Methyl tert-butyl ether	0.760	0.820	-7.9	114	0.00
21	TP	tert-Butyl alcohol	0.043	0.044	-2.3	119	0.00
22	TP	Diisopropyl ether	0.676	0.722	-6.8	114	0.00
23	TP	1,1-Dichloroethane	0.439	0.415	5.5	101	0.00
24	TP	Halothane	0.177	0.154	13.0	89	0.00
25	TP	Acrylonitrile	0.085	0.091	-7.1	115	0.00
26	TP	Ethyl tert-butyl ether	0.713	0.764	-7.2	114	0.00
27	TP	Vinyl acetate	0.481	0.631	-31.2#	145	0.00
28	TP	cis-1,2-Dichloroethene	0.272	0.228	16.2	90	0.00
29	TP	2,2-Dichloropropane	0.370	0.372	-0.5	108	0.00
30	TP	Bromochloromethane	0.131	0.122	6.9	103	0.00
31	TP	Cyclohexane	0.344	0.343	0.3	93	0.00
32	TP	Chloroform	0.452	0.439	2.9	112	0.00
33	TP	Ethyl acetate	0.236	0.284	-20.3#	133	0.00
34	TP	Carbon tetrachloride	0.321	0.360	-12.1	111	-0.01
35	TP	Tetrahydrofuran	0.091	0.090	1.1	113	0.00
36	S	Dibromofluoromethane	0.269	0.255	5.2	101	0.00
37	TP	1,1,1-Trichloroethane	0.351	0.386	-10.0	110	0.00
39	TP	2-Butanone	0.098	0.122	-24.5#	131	0.00
40	TP	1,1-Dichloropropene	0.296	0.292	1.4	99	0.00
41	TP	Benzene	0.928	0.871	6.1	98	0.00
42	TP	tert-Amyl methyl ether	0.704	0.725	-3.0	108	0.00
43	S	1,2-Dichloroethane-d4	0.275	0.348	-26.5#	136	0.00

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147004-2
Misc : WG2147004,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.311	0.395	-27.0#	138	0.00
47	TP	Methyl cyclohexane	* 40.000	32.843	17.9	90	0.00
48	TP	Trichloroethene	0.247	0.233	5.7	99	0.00
50	TP	Dibromomethane	0.156	0.156	0.0	110	0.00
51	TP	1,2-Dichloropropane	0.242	0.238	1.7	105	0.00
54	TP	Bromodichloromethane	0.335	0.377	-12.5	118	0.00
57	TP	1,4-Dioxane	0.00287	0.00311#	-8.4	108	0.00
58	TP	cis-1,3-Dichloropropene	0.381	0.398	-4.5	104	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
60	S	Toluene-d8	1.234	1.185	4.0	100	0.00
61	TP	Toluene	0.753	0.716	4.9	100	0.00
62	TP	4-Methyl-2-pentanone	0.112	0.118	-5.4	103	0.00
63	TP	Tetrachloroethene	0.297	0.307	-3.4	104	0.00
65	TP	trans-1,3-Dichloropropene	0.435	0.502	-15.4	118	0.00
67	TP	Ethyl methacrylate	0.380	0.405	-6.6	108	0.00
68	TP	1,1,2-Trichloroethane	0.219	0.232	-5.9	110	0.00
69	TP	Chlorodibromomethane	0.320	0.364	-13.7	117	0.00
70	TP	1,3-Dichloropropane	0.458	0.500	-9.2	115	0.00
71	TP	1,2-Dibromoethane	0.269	0.289	-7.4	109	0.00
72	TP	2-Hexanone	0.220	0.226	-2.7	116	0.00
73	TP	Chlorobenzene	0.864	0.802	7.2	96	0.00
74	TP	Ethylbenzene	1.443	1.307	9.4	95	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.312	0.333	-6.7	107	0.00
76	TP	p/m Xylene	0.578	0.544	5.9	97	0.00
77	TP	o Xylene	0.575	0.544	5.4	97	0.00
78	TP	Styrene	0.969	0.886	8.6	92	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	116	0.00
80	TP	Bromoform	0.398	0.426	-7.0	120	0.00
82	TP	Isopropylbenzene	2.501	2.198	12.1	97	0.00
83	S	4-Bromofluorobenzene	0.839	0.767	8.6	108	0.00
84	TP	Bromobenzene	0.675	0.599	11.3	101	0.00
85	TP	n-Propylbenzene	2.890	2.538	12.2	97	0.00
86	TP	1,4-Dichlorobutane	0.841	0.886	-5.4	123	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.682	0.656	3.8	108	0.00
88	TP	4-Ethyltoluene	2.553	2.257	11.6	99	0.00
89	TP	2-Chlorotoluene	1.769	1.620	8.4	104	0.00
90	TP	1,3,5-Trimethylbenzene	2.178	2.048	6.0	105	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147004-2
Misc : WG2147004,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 TP	1,2,3-Trichloropropane	0.550	0.595	-8.2	123	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.198	0.234	-18.2	135	0.00
93 TP	4-Chlorotoluene	1.863	1.712	8.1	103	0.00
94 TP	tert-Butylbenzene	1.882	1.712	9.0	99	0.00
97 TP	1,2,4-Trimethylbenzene	2.149	2.060	4.1	105	0.00
98 TP	sec-Butylbenzene	2.722	2.534	6.9	100	0.00
99 TP	p-Isopropyltoluene	2.444	2.250	7.9	99	0.00
100 TP	1,3-Dichlorobenzene	1.304	1.225	6.1	104	0.00
101 TP	1,4-Dichlorobenzene	1.352	1.259	6.9	105	0.00
102 TP	p-Diethylbenzene	1.477	1.327	10.2	97	0.00
103 TP	n-Butylbenzene	2.061	1.998	3.1	104	0.00
104 TP	1,2-Dichlorobenzene	1.248	1.206	3.4	107	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.355	2.076	11.8	96	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.136	0.145	-6.6	120	0.00
107 TP	1,3,5-Trichlorobenzene	0.963	0.963	0.0	112	0.00
108 TP	Hexachlorobutadiene	0.430	0.491	-14.2	121	0.00
109 TP	1,2,4-Trichlorobenzene	0.867	0.858	1.0	110	0.00
110 TP	Naphthalene	2.343	2.144	8.5	104	0.00
111 TP	1,2,3-Trichlorobenzene	0.843	0.862	-2.3	116	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147004-2
Misc : WG2147004,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.248	96	204110	20.000	ug/L	0.00
Standard Area 1 = 204110			Recovery = 100.00%			
59) Chlorobenzene-d5	9.803	117	167631	20.000	ug/L	0.00
Standard Area 1 = 167631			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.456	152	107503	20.000	ug/L	0.00
Standard Area 1 = 107503			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.425	113	51980	18.939	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.69%			
43) 1,2-Dichloroethane-d4	5.965	65	70943	25.307	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 126.54%			
60) Toluene-d8	7.947	98	198565	19.201	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.01%			
83) 4-Bromofluorobenzene	11.266	95	82411	18.281	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.755	85	101613	42.663	ug/L	99
3) Chloromethane	1.954	50	96587	35.199	ug/L	99
4) Vinyl chloride	2.033	62	82126	26.178	ug/L	97
5) Bromomethane	2.363	94	59169	20.496	ug/L	93
6) Chloroethane	2.489	64	57408	24.552	ug/L	97
7) Trichlorofluoromethane	2.630	101	146898	33.939	ug/L	99
8) Ethyl ether	2.940	74	57011	28.224	ug/L	89
10) 1,1-Dichloroethene	3.139	96	66669	25.185	ug/L	94
11) Carbon disulfide	3.170	76	238035	24.335	ug/L	99
12) Freon-113	3.176	101	75017	29.972	ug/L #	33
14) Acrolein	3.464	56	13376	20.136	ug/L	98
15) Methylene chloride	3.700	84	86923	30.865	ug/L	90
17) Acetone	3.747	43	56151	54.249	ug/L #	38
18) trans-1,2-Dichloroethene	3.857	96	80222	31.935	ug/L	99
19) Methyl acetate	3.868	43	77477	46.184	ug/L #	90
20) Methyl tert-butyl ether	3.962	73	334886	43.185	ug/L	97
21) tert-Butyl alcohol	4.056	59	89046	200.709	ug/L	99
22) Diisopropyl ether	4.324	45	294802	42.736	ug/L	96
23) 1,1-Dichloroethane	4.455	63	169341	37.838	ug/L	99
24) Halothane	4.497	117	62924	34.740	ug/L	98
25) Acrylonitrile	4.502	53	37269	42.950	ug/L #	89

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147004-2
Misc : WG2147004,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.680	59	312068	42.898	ug/L		96
27) Vinyl acetate	4.691	43	257504	52.497	ug/L		97
28) cis-1,2-Dichloroethene	4.984	96	93256	33.654	ug/L		91
29) 2,2-Dichloropropane	5.084	77	151801	40.236	ug/L		94
30) Bromochloromethane	5.178	128	50001	37.396	ug/L		95
31) Cyclohexane	5.184	56	140146	39.977	ug/L		94
32) Chloroform	5.241	83	179358	38.897	ug/L		98
33) Ethyl acetate	5.357	43	116001	48.125	ug/L		100
34) Carbon tetrachloride	5.383	117	146812	44.783	ug/L		98
35) Tetrahydrofuran	5.409	42	36907	39.865	ug/L		96
37) 1,1,1-Trichloroethane	5.456	97	157633	43.954	ug/L		99
39) 2-Butanone	5.551	43	49628	49.667	ug/L	#	15
40) 1,1-Dichloropropene	5.577	75	119269	39.531	ug/L		99
41) Benzene	5.823	78	355672	37.550	ug/L		98
42) tert-Amyl methyl ether	5.928	73	295844	41.155	ug/L		94
44) 1,2-Dichloroethane	6.028	62	161285	50.735	ug/L		99
47) Methyl cyclohexane	6.416	83	148732	32.843	ug/L		97
48) Trichloroethene	6.426	95	94921	37.732	ug/L		98
50) Dibromomethane	6.867	93	63793	40.064	ug/L	#	86
51) 1,2-Dichloropropane	6.977	63	97259	39.372	ug/L	#	93
54) Bromodichloromethane	7.040	83	153862	44.989	ug/L		99
57) 1,4-Dioxane	7.260	88	63495	2167.957	ug/L		99
58) cis-1,3-Dichloropropene	7.737	75	162502	41.801	ug/L		98
61) Toluene	8.010	92	240135	38.046	ug/L		97
62) 4-Methyl-2-pentanone	8.440	58	39633	42.102	ug/L		95
63) Tetrachloroethene	8.461	166	102816	41.345	ug/L		99
65) trans-1,3-Dichloropropene	8.487	75	168315	46.181	ug/L		93
67) Ethyl methacrylate	8.670	69	135858	42.628	ug/L		90
68) 1,1,2-Trichloroethane	8.670	83	77880	42.502	ug/L		97
69) Chlorodibromomethane	8.885	129	121957	45.435	ug/L		98
70) 1,3-Dichloropropane	9.001	76	167584	43.652	ug/L		99
71) 1,2-Dibromoethane	9.168	107	96900	43.045	ug/L		99
72) 2-Hexanone	9.451	43	75738	41.074	ug/L		96
73) Chlorobenzene	9.824	112	268903	37.113	ug/L	#	87
74) Ethylbenzene	9.855	91	438050	36.226	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.908	131	111508	42.627	ug/L		94
76) p/m Xylene	10.044	106	364940	75.333	ug/L		100
77) o Xylene	10.573	106	364483	75.669	ug/L		99
78) Styrene	10.636	104	594324	73.184	ug/L		98
80) Bromoform	10.657	173	91681	42.880	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147004-2
Misc : WG2147004,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Isopropylbenzene	10.940	105	472496	35.144	ug/L	99
84) Bromobenzene	11.376	156	128780	35.484	ug/L	100
85) n-Propylbenzene	11.412	91	545597	35.127	ug/L	99
86) 1,4-Dichlorobutane	11.433	55	190570	42.144	ug/L	92
87) 1,1,2,2-Tetrachloroethane	11.496	83	141136	38.493	ug/L	95
88) 4-Ethyltoluene	11.533	105	485197	35.359	ug/L	99
89) 2-Chlorotoluene	11.580	91	348350	36.635	ug/L	98
90) 1,3,5-Trimethylbenzene	11.627	105	440240	37.597	ug/L	97
91) 1,2,3-Trichloropropane	11.638	75	127990	43.305	ug/L	97
92) trans-1,4-Dichloro-2-b...	11.685	53	50301	47.226	ug/L	91
93) 4-Chlorotoluene	11.764	91	368181	36.761	ug/L	97
94) tert-Butylbenzene	11.968	119	368130	36.397	ug/L	95
97) 1,2,4-Trimethylbenzene	12.041	105	442805	38.338	ug/L	97
98) sec-Butylbenzene	12.157	105	544737	37.235	ug/L	97
99) p-Isopropyltoluene	12.304	119	483772	36.828	ug/L	99
100) 1,3-Dichlorobenzene	12.382	146	263450	37.576	ug/L	98
101) 1,4-Dichlorobenzene	12.471	146	270698	37.242	ug/L	100
102) p-Diethylbenzene	12.676	119	285268	35.933	ug/L	98
103) n-Butylbenzene	12.734	91	429561	38.772	ug/L	97
104) 1,2-Dichlorobenzene	12.891	146	259353	38.656	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.462	119	446359	35.261	ug/L	96
106) 1,2-Dibromo-3-chloropr...	13.662	155	31225	42.569	ug/L	95
107) 1,3,5-Trichlorobenzene	13.698	180	207111	40.021	ug/L	94
108) Hexachlorobutadiene	14.265	225	105509	45.683	ug/L	99
109) 1,2,4-Trichlorobenzene	14.291	180	184427	39.585	ug/L	100
110) Naphthalene	14.584	128	461008	36.611	ug/L	100
111) 1,2,3-Trichlorobenzene	14.752	180	185354	40.898	ug/L	97

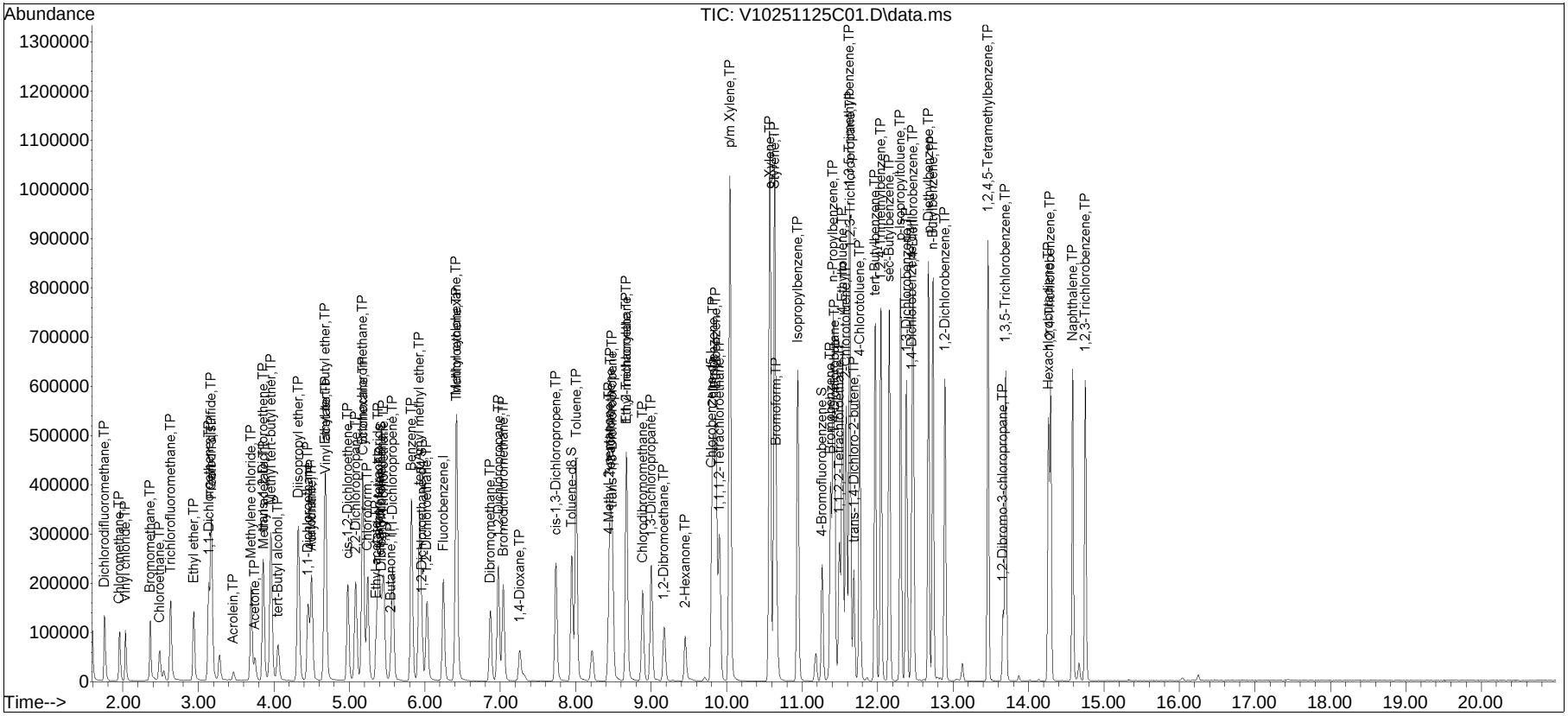
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147004-2
Misc : WG2147004,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

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



Manual Integration Report

Data Path	: K:\VOA110\2025\251125C\	QMethod	: V110_250915A_8260.m
Data File	: V10251125C01.D	Operator	: VOA110:AJK
Date Inj'd	: 11/25/2025 2:01 pm	Instrument	: VOA110
Sample	: WG2147004-2	Quant Date	: 11/25/2025 2:23 pm

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

Evaluate Continuing Calibration Report

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147003-2
Misc : WG2147003,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	106	0.00
2	TP	Dichlorodifluoromethane	0.233	0.249	-6.9	101	0.00
3	TP	Chloromethane	0.269	0.237	11.9	99	0.00
4	TP	Vinyl chloride	0.307	0.201	34.5#	66	0.00
5	TP	Bromomethane	0.283	0.145	48.8#	58	0.00
6	TP	Chloroethane	0.229	0.141	38.4#	66	0.00
7	TP	Trichlorofluoromethane	0.424	0.360	15.1	81	0.00
8	TP	Ethyl ether	0.198	0.140	29.3#	77	0.00
10	TP	1,1-Dichloroethene	0.259	0.163	37.1#	65	0.00
11	TP	Carbon disulfide	0.958	0.583	39.1#	64	0.00
12	TP	Freon-113	0.245	0.184	24.9#	71	0.00
14	TP	Acrolein	* 40.000	20.136	49.7#	60	0.00
15	TP	Methylene chloride	0.276	0.213	22.8#	92	0.00
17	TP	Acetone	* 40.000	54.249	-35.6#	153	0.00
18	TP	trans-1,2-Dichloroethene	0.246	0.197	19.9	84	0.00
19	TP	Methyl acetate	0.164	0.190	-15.9	126	0.00
20	TP	Methyl tert-butyl ether	0.760	0.820	-7.9	114	0.00
21	TP	tert-Butyl alcohol	0.043	0.044	-2.3	119	0.00
22	TP	Diisopropyl ether	0.676	0.722	-6.8	114	0.00
23	TP	1,1-Dichloroethane	0.439	0.415	5.5	101	0.00
24	TP	Halothane	0.177	0.154	13.0	89	0.00
25	TP	Acrylonitrile	0.085	0.091	-7.1	115	0.00
26	TP	Ethyl tert-butyl ether	0.713	0.764	-7.2	114	0.00
27	TP	Vinyl acetate	0.481	0.631	-31.2#	145	0.00
28	TP	cis-1,2-Dichloroethene	0.272	0.228	16.2	90	0.00
29	TP	2,2-Dichloropropane	0.370	0.372	-0.5	108	0.00
30	TP	Bromochloromethane	0.131	0.122	6.9	103	0.00
31	TP	Cyclohexane	0.344	0.343	0.3	93	0.00
32	TP	Chloroform	0.452	0.439	2.9	112	0.00
33	TP	Ethyl acetate	0.236	0.284	-20.3#	133	0.00
34	TP	Carbon tetrachloride	0.321	0.360	-12.1	111	-0.01
35	TP	Tetrahydrofuran	0.091	0.090	1.1	113	0.00
36	S	Dibromofluoromethane	0.269	0.255	5.2	101	0.00
37	TP	1,1,1-Trichloroethane	0.351	0.386	-10.0	110	0.00
39	TP	2-Butanone	0.098	0.122	-24.5#	131	0.00
40	TP	1,1-Dichloropropene	0.296	0.292	1.4	99	0.00
41	TP	Benzene	0.928	0.871	6.1	98	0.00
42	TP	tert-Amyl methyl ether	0.704	0.725	-3.0	108	0.00
43	S	1,2-Dichloroethane-d4	0.275	0.348	-26.5#	136	0.00

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147003-2
Misc : WG2147003,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.311	0.395	-27.0#	138	0.00
47	TP	Methyl cyclohexane	* 40.000	32.843	17.9	90	0.00
48	TP	Trichloroethene	0.247	0.233	5.7	99	0.00
50	TP	Dibromomethane	0.156	0.156	0.0	110	0.00
51	TP	1,2-Dichloropropane	0.242	0.238	1.7	105	0.00
54	TP	Bromodichloromethane	0.335	0.377	-12.5	118	0.00
57	TP	1,4-Dioxane	0.00287	0.00311#	-8.4	108	0.00
58	TP	cis-1,3-Dichloropropene	0.381	0.398	-4.5	104	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
60	S	Toluene-d8	1.234	1.185	4.0	100	0.00
61	TP	Toluene	0.753	0.716	4.9	100	0.00
62	TP	4-Methyl-2-pentanone	0.112	0.118	-5.4	103	0.00
63	TP	Tetrachloroethene	0.297	0.307	-3.4	104	0.00
65	TP	trans-1,3-Dichloropropene	0.435	0.502	-15.4	118	0.00
67	TP	Ethyl methacrylate	0.380	0.405	-6.6	108	0.00
68	TP	1,1,2-Trichloroethane	0.219	0.232	-5.9	110	0.00
69	TP	Chlorodibromomethane	0.320	0.364	-13.7	117	0.00
70	TP	1,3-Dichloropropane	0.458	0.500	-9.2	115	0.00
71	TP	1,2-Dibromoethane	0.269	0.289	-7.4	109	0.00
72	TP	2-Hexanone	0.220	0.226	-2.7	116	0.00
73	TP	Chlorobenzene	0.864	0.802	7.2	96	0.00
74	TP	Ethylbenzene	1.443	1.307	9.4	95	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.312	0.333	-6.7	107	0.00
76	TP	p/m Xylene	0.578	0.544	5.9	97	0.00
77	TP	o Xylene	0.575	0.544	5.4	97	0.00
78	TP	Styrene	0.969	0.886	8.6	92	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	116	0.00
80	TP	Bromoform	0.398	0.426	-7.0	120	0.00
82	TP	Isopropylbenzene	2.501	2.198	12.1	97	0.00
83	S	4-Bromofluorobenzene	0.839	0.767	8.6	108	0.00
84	TP	Bromobenzene	0.675	0.599	11.3	101	0.00
85	TP	n-Propylbenzene	2.890	2.538	12.2	97	0.00
86	TP	1,4-Dichlorobutane	0.841	0.886	-5.4	123	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.682	0.656	3.8	108	0.00
88	TP	4-Ethyltoluene	2.553	2.257	11.6	99	0.00
89	TP	2-Chlorotoluene	1.769	1.620	8.4	104	0.00
90	TP	1,3,5-Trimethylbenzene	2.178	2.048	6.0	105	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147003-2
Misc : WG2147003,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 TP	1,2,3-Trichloropropane	0.550	0.595	-8.2	123	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.198	0.234	-18.2	135	0.00
93 TP	4-Chlorotoluene	1.863	1.712	8.1	103	0.00
94 TP	tert-Butylbenzene	1.882	1.712	9.0	99	0.00
97 TP	1,2,4-Trimethylbenzene	2.149	2.060	4.1	105	0.00
98 TP	sec-Butylbenzene	2.722	2.534	6.9	100	0.00
99 TP	p-Isopropyltoluene	2.444	2.250	7.9	99	0.00
100 TP	1,3-Dichlorobenzene	1.304	1.225	6.1	104	0.00
101 TP	1,4-Dichlorobenzene	1.352	1.259	6.9	105	0.00
102 TP	p-Diethylbenzene	1.477	1.327	10.2	97	0.00
103 TP	n-Butylbenzene	2.061	1.998	3.1	104	0.00
104 TP	1,2-Dichlorobenzene	1.248	1.206	3.4	107	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.355	2.076	11.8	96	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.136	0.145	-6.6	120	0.00
107 TP	1,3,5-Trichlorobenzene	0.963	0.963	0.0	112	0.00
108 TP	Hexachlorobutadiene	0.430	0.491	-14.2	121	0.00
109 TP	1,2,4-Trichlorobenzene	0.867	0.858	1.0	110	0.00
110 TP	Naphthalene	2.343	2.144	8.5	104	0.00
111 TP	1,2,3-Trichlorobenzene	0.843	0.862	-2.3	116	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147003-2
Misc : WG2147003,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.248	96	204110	20.000	ug/L	0.00
Standard Area 1 = 204110			Recovery = 100.00%			
59) Chlorobenzene-d5	9.803	117	167631	20.000	ug/L	0.00
Standard Area 1 = 167631			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.456	152	107503	20.000	ug/L	0.00
Standard Area 1 = 107503			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.425	113	51980	18.939	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.69%			
43) 1,2-Dichloroethane-d4	5.965	65	70943	25.307	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 126.54%			
60) Toluene-d8	7.947	98	198565	19.201	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.01%			
83) 4-Bromofluorobenzene	11.266	95	82411	18.281	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.755	85	101613	42.663	ug/L	99
3) Chloromethane	1.954	50	96587	35.199	ug/L	99
4) Vinyl chloride	2.033	62	82126	26.178	ug/L	97
5) Bromomethane	2.363	94	59169	20.496	ug/L	93
6) Chloroethane	2.489	64	57408	24.552	ug/L	97
7) Trichlorofluoromethane	2.630	101	146898	33.939	ug/L	99
8) Ethyl ether	2.940	74	57011	28.224	ug/L	89
10) 1,1-Dichloroethene	3.139	96	66669	25.185	ug/L	94
11) Carbon disulfide	3.170	76	238035	24.335	ug/L	99
12) Freon-113	3.176	101	75017	29.972	ug/L #	33
14) Acrolein	3.464	56	13376	20.136	ug/L	98
15) Methylene chloride	3.700	84	86923	30.865	ug/L	90
17) Acetone	3.747	43	56151	54.249	ug/L #	38
18) trans-1,2-Dichloroethene	3.857	96	80222	31.935	ug/L	99
19) Methyl acetate	3.868	43	77477	46.184	ug/L #	90
20) Methyl tert-butyl ether	3.962	73	334886	43.185	ug/L	97
21) tert-Butyl alcohol	4.056	59	89046	200.709	ug/L	99
22) Diisopropyl ether	4.324	45	294802	42.736	ug/L	96
23) 1,1-Dichloroethane	4.455	63	169341	37.838	ug/L	99
24) Halothane	4.497	117	62924	34.740	ug/L	98
25) Acrylonitrile	4.502	53	37269	42.950	ug/L #	89

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147003-2
Misc : WG2147003,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.680	59	312068	42.898	ug/L		96
27) Vinyl acetate	4.691	43	257504	52.497	ug/L		97
28) cis-1,2-Dichloroethene	4.984	96	93256	33.654	ug/L		91
29) 2,2-Dichloropropane	5.084	77	151801	40.236	ug/L		94
30) Bromochloromethane	5.178	128	50001	37.396	ug/L		95
31) Cyclohexane	5.184	56	140146	39.977	ug/L		94
32) Chloroform	5.241	83	179358	38.897	ug/L		98
33) Ethyl acetate	5.357	43	116001	48.125	ug/L		100
34) Carbon tetrachloride	5.383	117	146812	44.783	ug/L		98
35) Tetrahydrofuran	5.409	42	36907	39.865	ug/L		96
37) 1,1,1-Trichloroethane	5.456	97	157633	43.954	ug/L		99
39) 2-Butanone	5.551	43	49628	49.667	ug/L	#	15
40) 1,1-Dichloropropene	5.577	75	119269	39.531	ug/L		99
41) Benzene	5.823	78	355672	37.550	ug/L		98
42) tert-Amyl methyl ether	5.928	73	295844	41.155	ug/L		94
44) 1,2-Dichloroethane	6.028	62	161285	50.735	ug/L		99
47) Methyl cyclohexane	6.416	83	148732	32.843	ug/L		97
48) Trichloroethene	6.426	95	94921	37.732	ug/L		98
50) Dibromomethane	6.867	93	63793	40.064	ug/L	#	86
51) 1,2-Dichloropropane	6.977	63	97259	39.372	ug/L	#	93
54) Bromodichloromethane	7.040	83	153862	44.989	ug/L		99
57) 1,4-Dioxane	7.260	88	63495	2167.957	ug/L		99
58) cis-1,3-Dichloropropene	7.737	75	162502	41.801	ug/L		98
61) Toluene	8.010	92	240135	38.046	ug/L		97
62) 4-Methyl-2-pentanone	8.440	58	39633	42.102	ug/L		95
63) Tetrachloroethene	8.461	166	102816	41.345	ug/L		99
65) trans-1,3-Dichloropropene	8.487	75	168315	46.181	ug/L		93
67) Ethyl methacrylate	8.670	69	135858	42.628	ug/L		90
68) 1,1,2-Trichloroethane	8.670	83	77880	42.502	ug/L		97
69) Chlorodibromomethane	8.885	129	121957	45.435	ug/L		98
70) 1,3-Dichloropropane	9.001	76	167584	43.652	ug/L		99
71) 1,2-Dibromoethane	9.168	107	96900	43.045	ug/L		99
72) 2-Hexanone	9.451	43	75738	41.074	ug/L		96
73) Chlorobenzene	9.824	112	268903	37.113	ug/L	#	87
74) Ethylbenzene	9.855	91	438050	36.226	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.908	131	111508	42.627	ug/L		94
76) p/m Xylene	10.044	106	364940	75.333	ug/L		100
77) o Xylene	10.573	106	364483	75.669	ug/L		99
78) Styrene	10.636	104	594324	73.184	ug/L		98
80) Bromoform	10.657	173	91681	42.880	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147003-2
Misc : WG2147003,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Isopropylbenzene	10.940	105	472496	35.144	ug/L	99
84) Bromobenzene	11.376	156	128780	35.484	ug/L	100
85) n-Propylbenzene	11.412	91	545597	35.127	ug/L	99
86) 1,4-Dichlorobutane	11.433	55	190570	42.144	ug/L	92
87) 1,1,2,2-Tetrachloroethane	11.496	83	141136	38.493	ug/L	95
88) 4-Ethyltoluene	11.533	105	485197	35.359	ug/L	99
89) 2-Chlorotoluene	11.580	91	348350	36.635	ug/L	98
90) 1,3,5-Trimethylbenzene	11.627	105	440240	37.597	ug/L	97
91) 1,2,3-Trichloropropane	11.638	75	127990	43.305	ug/L	97
92) trans-1,4-Dichloro-2-b...	11.685	53	50301	47.226	ug/L	91
93) 4-Chlorotoluene	11.764	91	368181	36.761	ug/L	97
94) tert-Butylbenzene	11.968	119	368130	36.397	ug/L	95
97) 1,2,4-Trimethylbenzene	12.041	105	442805	38.338	ug/L	97
98) sec-Butylbenzene	12.157	105	544737	37.235	ug/L	97
99) p-Isopropyltoluene	12.304	119	483772	36.828	ug/L	99
100) 1,3-Dichlorobenzene	12.382	146	263450	37.576	ug/L	98
101) 1,4-Dichlorobenzene	12.471	146	270698	37.242	ug/L	100
102) p-Diethylbenzene	12.676	119	285268	35.933	ug/L	98
103) n-Butylbenzene	12.734	91	429561	38.772	ug/L	97
104) 1,2-Dichlorobenzene	12.891	146	259353	38.656	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.462	119	446359	35.261	ug/L	96
106) 1,2-Dibromo-3-chloropr...	13.662	155	31225	42.569	ug/L	95
107) 1,3,5-Trichlorobenzene	13.698	180	207111	40.021	ug/L	94
108) Hexachlorobutadiene	14.265	225	105509	45.683	ug/L	99
109) 1,2,4-Trichlorobenzene	14.291	180	184427	39.585	ug/L	100
110) Naphthalene	14.584	128	461008	36.611	ug/L	100
111) 1,2,3-Trichlorobenzene	14.752	180	185354	40.898	ug/L	97

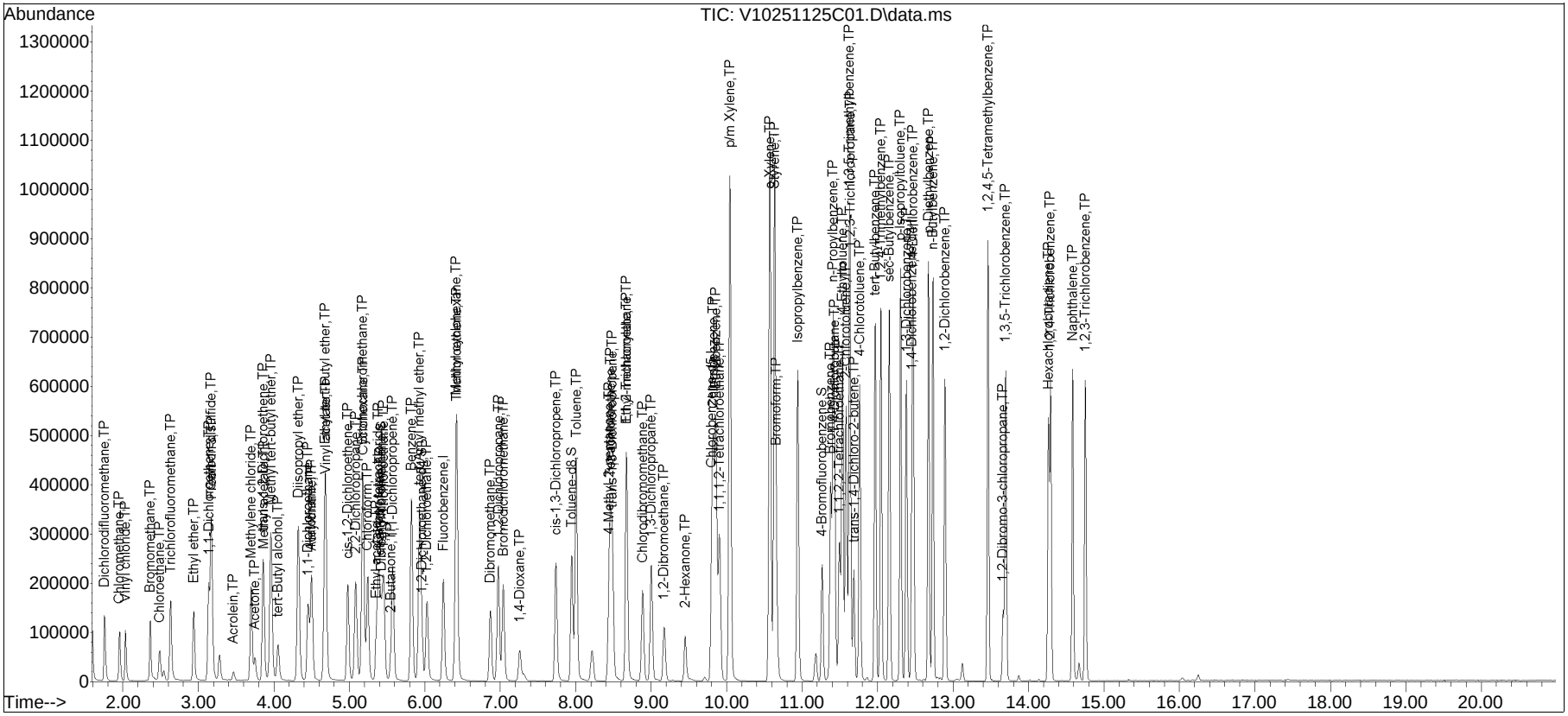
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147003-2
Misc : WG2147003,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

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



Manual Integration Report

Data Path	: K:\VOA110\2025\251125C\	QMethod	: V110_250915A_8260.m
Data File	: V10251125C01.D	Operator	: VOA110:AJK
Date Inj'd	: 11/25/2025 2:01 pm	Instrument	: VOA110
Sample	: WG2147003-2	Quant Date	: 11/25/2025 2:23 pm

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

Evaluate Continuing Calibration Report

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146952-3,31H,5,5,0.100
Misc : WG2146952,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	146	0.00
2	TP	Dichlorodifluoromethane	0.301	0.306	-1.7	141	0.00
3	TP	Chloromethane	0.333	0.265	20.4#	125	0.00
4	TP	Vinyl chloride	0.461	0.330	28.4#	106	0.00
5	TP	Bromomethane	* 40.000	26.903	32.7#	91	0.00
6	TP	Chloroethane	0.369	0.246	33.3#	102	0.00
7	TP	Trichlorofluoromethane	0.509	0.540	-6.1	166	0.00
8	TP	Ethyl ether	0.174	0.162	6.9	146	0.00
10	TP	1,1-Dichloroethene	0.271	0.274	-1.1	152	0.00
11	TP	Carbon disulfide	* 40.000	39.483	1.3	145	0.00
12	TP	Freon-113	0.256	0.284	-10.9	157	0.00
14	TP	Acrolein	0.038	0.033	13.2	129	0.00
15	TP	Methylene chloride	0.328	0.311	5.2	145	0.00
17	TP	Acetone	0.150	0.100	33.3#	107	0.00
18	TP	trans-1,2-Dichloroethene	0.319	0.306	4.1	148	0.00
19	TP	Methyl acetate	0.175	0.153	12.6	140	0.00
20	TP	Methyl tert-butyl ether	0.859	0.847	1.4	152	0.00
21	TP	tert-Butyl alcohol	0.032	0.027	15.6	120	0.00
22	TP	Diisopropyl ether	0.870	0.787	9.5	138	0.00
23	TP	1,1-Dichloroethane	0.552	0.496	10.1	139	0.00
24	TP	Halothane	0.231	0.238	-3.0	155	0.00
25	TP	Acrylonitrile	0.084	0.080	4.8	138	0.00
26	TP	Ethyl tert-butyl ether	0.807	0.755	6.4	140	0.00
27	TP	Vinyl acetate	0.637	0.640	-0.5	151	0.00
28	TP	cis-1,2-Dichloroethene	0.350	0.338	3.4	148	0.00
29	TP	2,2-Dichloropropane	0.455	0.463	-1.8	155	0.00
31	TP	Bromochloromethane	0.174	0.176	-1.1	154	0.00
32	TP	Cyclohexane	0.408	0.402	1.5	136	0.00
33	TP	Chloroform	0.595	0.577	3.0	153	0.00
34	TP	Ethyl acetate	0.256	0.237	7.4	137	0.00
35	TP	Carbon tetrachloride	0.430	0.487	-13.3	164	0.00
36	TP	Tetrahydrofuran	0.090	0.076	15.6	138	0.00
37	S	Dibromofluoromethane	0.304	0.288	5.3	145	0.00
38	TP	1,1,1-Trichloroethane	0.450	0.499	-10.9	160	0.00
40	TP	2-Butanone	0.112	0.093	17.0	125	0.00
41	TP	1,1-Dichloropropene	0.361	0.385	-6.6	154	0.00
42	TP	Benzene	1.170	1.109	5.2	143	0.00
43	TP	tert-Amyl methyl ether	0.827	0.801	3.1	144	0.00
44	S	1,2-Dichloroethane-d4	0.275	0.251	8.7	142	0.00

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146952-3,31H,5,5,0.100
Misc : WG2146952,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	TP	1,2-Dichloroethane	0.376	0.361	4.0	150	0.00
48	TP	Methyl cyclohexane	0.503	0.512	-1.8	147	0.00
49	TP	Trichloroethene	0.325	0.322	0.9	150	0.00
51	TP	Dibromomethane	0.203	0.200	1.5	152	0.00
52	TP	1,2-Dichloropropane	0.303	0.270	10.9	137	0.00
55	TP	Bromodichloromethane	0.450	0.441	2.0	150	0.00
58	TP	1,4-Dioxane	0.00254	0.00281#	-10.6	163	0.00
59	TP	cis-1,3-Dichloropropene	0.497	0.484	2.6	146	0.00
60	I	Chlorobenzene-d5	1.000	1.000	0.0	137	0.00
61	S	Toluene-d8	1.209	1.191	1.5	135	0.00
62	TP	Toluene	0.804	0.863	-7.3	150	0.00
63	TP	4-Methyl-2-pentanone	0.097	0.098	-1.0	128	0.00
64	TP	Tetrachloroethene	0.345	0.432	-25.2#	171	0.00
66	TP	trans-1,3-Dichloropropene	0.482	0.528	-9.5	149	0.00
68	TP	Ethyl methacrylate	0.375	0.391	-4.3	137	0.00
69	TP	1,1,2-Trichloroethane	0.243	0.254	-4.5	144	0.00
70	TP	Chlorodibromomethane	0.373	0.446	-19.6	159	0.00
71	TP	1,3-Dichloropropane	0.467	0.493	-5.6	145	0.00
72	TP	1,2-Dibromoethane	0.288	0.339	-17.7	160	0.00
73	TP	2-Hexanone	0.185	0.181	2.2	121	0.00
74	TP	Chlorobenzene	0.965	1.053	-9.1	149	0.00
75	TP	Ethylbenzene	1.581	1.721	-8.9	149	0.00
76	TP	1,1,1,2-Tetrachloroethane	0.343	0.413	-20.4#	157	0.00
77	TP	p/m Xylene	0.634	0.695	-9.6	150	0.00
78	TP	o Xylene	0.629	0.684	-8.7	148	0.00
79	TP	Styrene	1.082	1.155	-6.7	142	0.00
80	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	140	0.00
81	TP	Bromoform	0.472	0.539	-14.2	158	0.00
83	TP	Isopropylbenzene	2.775	3.003	-8.2	152	0.00
84	S	4-Bromofluorobenzene	0.773	0.724	6.3	135	0.00
85	TP	Bromobenzene	0.712	0.789	-10.8	159	0.00
86	TP	n-Propylbenzene	3.348	3.396	-1.4	144	0.00
87	TP	1,4-Dichlorobutane	0.791	0.723	8.6	130	0.00
88	TP	1,1,2,2-Tetrachloroethane	0.684	0.697	-1.9	136	0.00
89	TP	4-Ethyltoluene	2.732	2.870	-5.1	148	0.00
90	TP	2-Chlorotoluene	1.902	1.967	-3.4	146	0.00
91	TP	1,3,5-Trimethylbenzene	2.355	2.486	-5.6	149	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146952-3,31H,5,5,0.100
Misc : WG2146952,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
92 TP	1,2,3-Trichloropropane	0.539	0.532	1.3	140	0.00
93 TP	trans-1,4-Dichloro-2-butene	0.179	0.184	-2.8	138	0.00
94 TP	4-Chlorotoluene	1.966	2.069	-5.2	148	0.00
95 TP	tert-Butylbenzene	2.083	2.275	-9.2	151	0.00
98 TP	1,2,4-Trimethylbenzene	2.317	2.502	-8.0	150	0.00
99 TP	sec-Butylbenzene	3.067	3.333	-8.7	147	0.00
100 TP	p-Isopropyltoluene	2.712	3.004	-10.8	152	0.00
101 TP	1,3-Dichlorobenzene	1.418	1.621	-14.3	158	0.00
102 TP	1,4-Dichlorobenzene	1.433	1.640	-14.4	158	0.00
103 TP	p-Diethylbenzene	1.628	1.802	-10.7	153	0.00
104 TP	n-Butylbenzene	2.376	2.674	-12.5	153	0.00
105 TP	1,2-Dichlorobenzene	1.321	1.537	-16.4	159	0.00
106 TP	1,2,4,5-Tetramethylbenzene	2.445	2.764	-13.0	155	0.00
107 TP	1,2-Dibromo-3-chloropropane	0.123	0.144	-17.1	149	0.00
108 TP	1,3,5-Trichlorobenzene	0.993	1.240	-24.9#	175	0.00
109 TP	Hexachlorobutadiene	0.428	0.545	-27.3#	181	0.00
110 TP	1,2,4-Trichlorobenzene	0.887	1.093	-23.2#	175	0.00
111 TP	Naphthalene	2.083	2.399	-15.2	157	0.00
112 TP	1,2,3-Trichlorobenzene	0.799	1.003	-25.5#	176	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146952-2
Misc : WG2146952,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.232	96	378260	20.000	ug/L	0.00
Standard Area 1 = 378260			Recovery = 100.00%			
60) Chlorobenzene-d5	9.798	117	324241	20.000	ug/L	0.00
Standard Area 1 = 324241			Recovery = 100.00%			
80) 1,4-Dichlorobenzene-d4	12.461	152	197845	20.000	ug/L	0.00
Standard Area 1 = 197845			Recovery = 100.00%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.415	113	108944	18.945	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.73%			
44) 1,2-Dichloroethane-d4	5.944	65	94843	18.241	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.20%			
61) Toluene-d8	7.942	98	386331	19.714	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.57%			
84) 4-Bromofluorobenzene	11.266	95	143241	18.739	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.786	85	231416M1	40.672	ug/L	
3) Chloromethane	2.022	50	200774	31.836	ug/L	97
4) Vinyl chloride	2.059	62	249373	28.603	ug/L	82
5) Bromomethane	2.384	94	225965M1	26.903	ug/L	
6) Chloroethane	2.510	64	185826	26.658	ug/L	85
7) Trichlorofluoromethane	2.651	101	408475	42.431	ug/L	98
8) Ethyl ether	2.956	74	122401	37.124	ug/L	86
10) 1,1-Dichloroethene	3.155	96	207340	40.476	ug/L #	74
11) Carbon disulfide	3.191	76	716925	39.483	ug/L	99
12) Freon-113	3.197	101	214474	44.231	ug/L	89
14) Acrolein	3.459	56	25298	34.758	ug/L	92
15) Methylene chloride	3.711	84	235410	37.971	ug/L	96
17) Acetone	3.732	43	75908	26.711	ug/L	91
18) trans-1,2-Dichloroethene	3.868	96	231872	38.391	ug/L	84
19) Methyl acetate	3.857	43	115733	34.952	ug/L #	87
20) Methyl tert-butyl ether	3.962	73	640736	39.438	ug/L	97
21) tert-Butyl alcohol	4.030	59	102644	168.493	ug/L	89
22) Diisopropyl ether	4.329	45	595472	36.200	ug/L	98
23) 1,1-Dichloroethane	4.450	63	375397	35.944	ug/L	98
24) Halothane	4.497	117	179748	41.152	ug/L	98
25) Acrylonitrile	4.476	53	60784	38.350	ug/L #	91

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146952-2
Misc : WG2146952,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.680	59	570987	37.414	ug/L	#	72
27) Vinyl acetate	4.675	43	484270	40.220	ug/L		97
28) cis-1,2-Dichloroethene	4.974	96	255835	38.667	ug/L		85
29) 2,2-Dichloropropane	5.079	77	350179	40.699	ug/L		97
31) Bromochloromethane	5.163	128	133150	40.486	ug/L		91
32) Cyclohexane	5.194	56	304494	39.482	ug/L		82
33) Chloroform	5.236	83	436251	38.762	ug/L		99
34) Ethyl acetate	5.336	43	179192	36.984	ug/L	#	91
35) Carbon tetrachloride	5.394	117	368647	45.325	ug/L		98
36) Tetrahydrofuran	5.388	42	57250	33.557	ug/L		92
38) 1,1,1-Trichloroethane	5.451	97	377434	44.322	ug/L		93
40) 2-Butanone	5.514	43	70714	33.407	ug/L		94
41) 1,1-Dichloropropene	5.572	75	291083	42.590	ug/L		96
42) Benzene	5.818	78	838807	37.913	ug/L		98
43) tert-Amyl methyl ether	5.928	73	606297	38.748	ug/L		92
45) 1,2-Dichloroethane	6.012	62	273400	38.434	ug/L		98
48) Methyl cyclohexane	6.426	83	387128	40.711	ug/L		87
49) Trichloroethene	6.421	95	243767	39.713	ug/L		91
51) Dibromomethane	6.856	93	151062	39.315	ug/L		89
52) 1,2-Dichloropropane	6.956	63	204354	35.680	ug/L		94
55) Bromodichloromethane	7.029	83	333920	39.267	ug/L		99
58) 1,4-Dioxane	7.234	88	106429	2214.490	ug/L		87
59) cis-1,3-Dichloropropene	7.727	75	366401	38.967	ug/L	#	92
62) Toluene	8.005	92	559356	42.922	ug/L		100
63) 4-Methyl-2-pentanone	8.414	58	63490	40.442	ug/L	#	57
64) Tetrachloroethene	8.461	166	280135	50.155	ug/L		95
66) trans-1,3-Dichloropropene	8.471	75	342222	43.823	ug/L		98
68) Ethyl methacrylate	8.665	69	253346	41.711	ug/L		98
69) 1,1,2-Trichloroethane	8.660	83	164498	41.739	ug/L		97
70) Chlorodibromomethane	8.880	129	288938	47.796	ug/L		99
71) 1,3-Dichloropropane	8.985	76	320005	42.298	ug/L		99
72) 1,2-Dibromoethane	9.158	107	220027	47.170	ug/L		99
73) 2-Hexanone	9.431	43	117409	39.051	ug/L	#	82
74) Chlorobenzene	9.819	112	683066	43.643	ug/L		93
75) Ethylbenzene	9.861	91	1115995	43.544	ug/L		98
76) 1,1,1,2-Tetrachloroethane	9.903	131	267607	48.112	ug/L		99
77) p/m Xylene	10.049	106	900883	87.641	ug/L		95
78) o Xylene	10.574	106	886946	86.936	ug/L		95
79) Styrene	10.637	104	1497867	85.419	ug/L		95
81) Bromoform	10.658	173	213386	45.672	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146952-2
Misc : WG2146952,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
83) Isopropylbenzene	10.951	105	1188063	43.283	ug/L		97
85) Bromobenzene	11.376	156	312263	44.305	ug/L		99
86) n-Propylbenzene	11.423	91	1343905	40.580	ug/L		96
87) 1,4-Dichlorobutane	11.423	55	285888	36.538	ug/L		100
88) 1,1,2,2-Tetrachloroethane	11.491	83	275867	40.766	ug/L		97
89) 4-Ethyltoluene	11.549	105	1135811	42.035	ug/L		97
90) 2-Chlorotoluene	11.586	91	778311M6	41.359	ug/L		
91) 1,3,5-Trimethylbenzene	11.643	105	983681	42.221	ug/L		96
92) 1,2,3-Trichloropropane	11.633	75	210654	39.516	ug/L		91
93) trans-1,4-Dichloro-2-b...	11.680	53	72911	41.217	ug/L	#	85
94) 4-Chlorotoluene	11.764	91	818746	42.095	ug/L		94
95) tert-Butylbenzene	11.984	119	900230	43.695	ug/L		93
98) 1,2,4-Trimethylbenzene	12.057	105	990194	43.205	ug/L		98
99) sec-Butylbenzene	12.173	105	1318783	43.469	ug/L		98
100) p-Isopropyltoluene	12.325	119	1188648	44.312	ug/L		98
101) 1,3-Dichlorobenzene	12.388	146	641473	45.744	ug/L		98
102) 1,4-Dichlorobenzene	12.477	146	648991	45.773	ug/L		97
103) p-Diethylbenzene	12.697	119	712843	44.271	ug/L		96
104) n-Butylbenzene	12.750	91	1058008	45.020	ug/L		98
105) 1,2-Dichlorobenzene	12.896	146	608149	46.545	ug/L		97
106) 1,2,4,5-Tetramethylben...	13.484	119	1093708	45.212	ug/L		99
107) 1,2-Dibromo-3-chloropr...	13.667	155	56940	46.902	ug/L		91
108) 1,3,5-Trichlorobenzene	13.714	180	490751	49.967	ug/L		98
109) Hexachlorobutadiene	14.291	225	215606	50.878	ug/L		98
110) 1,2,4-Trichlorobenzene	14.307	180	432307	49.266	ug/L		99
111) Naphthalene	14.595	128	949086	46.070	ug/L		100
112) 1,2,3-Trichlorobenzene	14.768	180	396907	50.195	ug/L		99

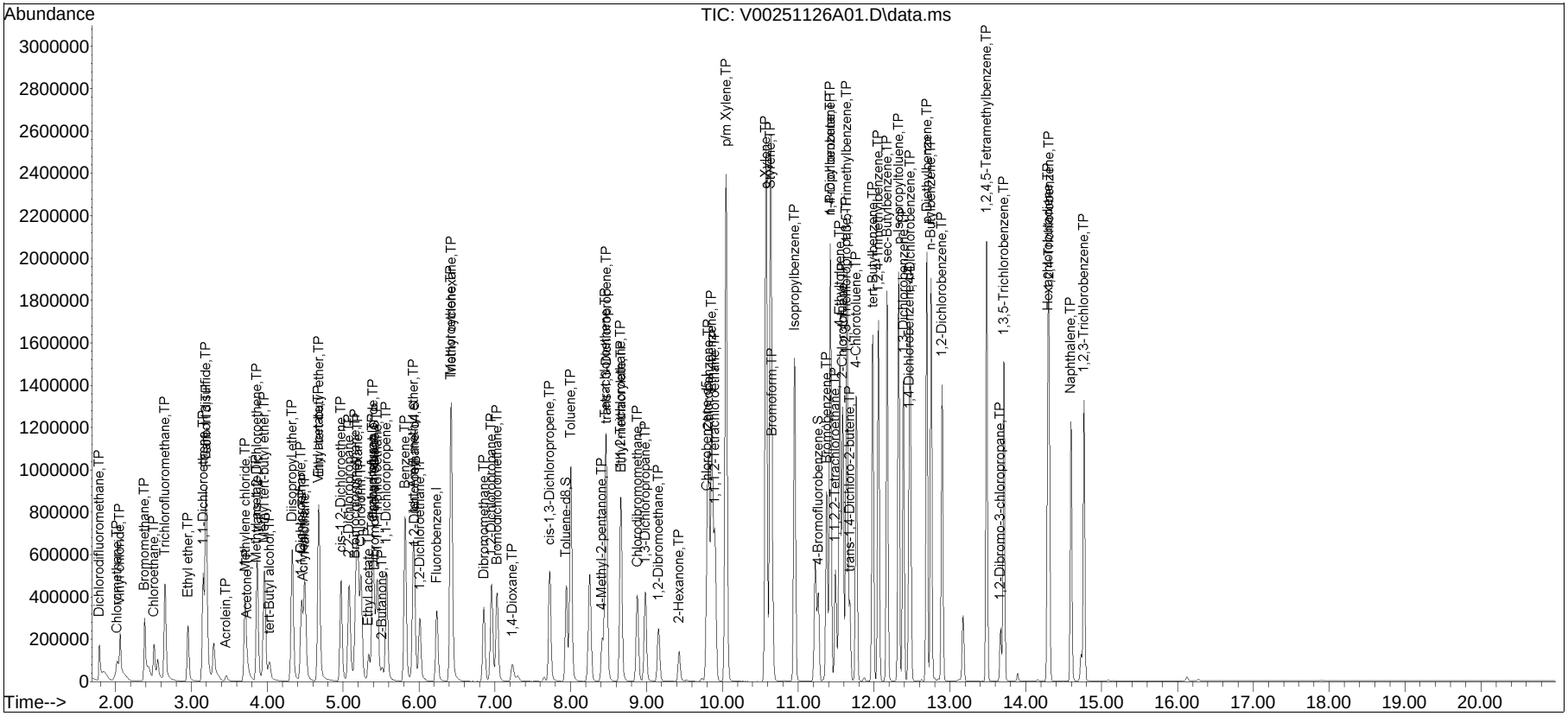
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146952-2
Misc : WG2146952,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

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

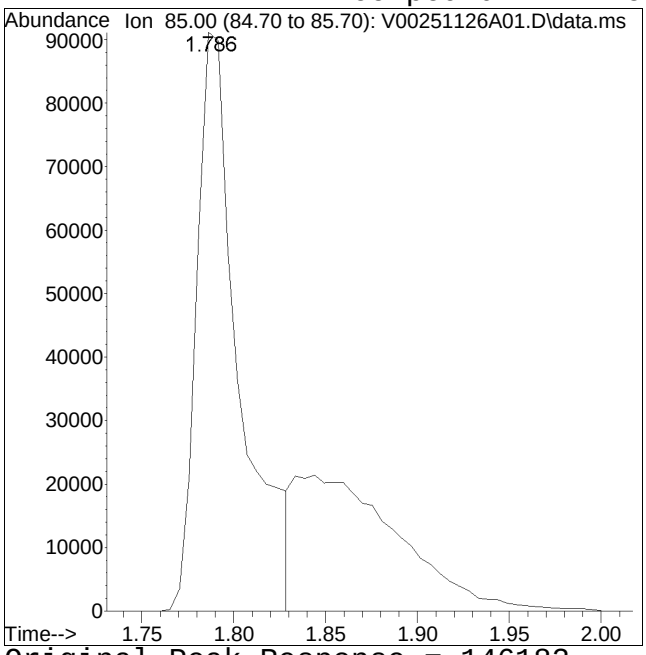


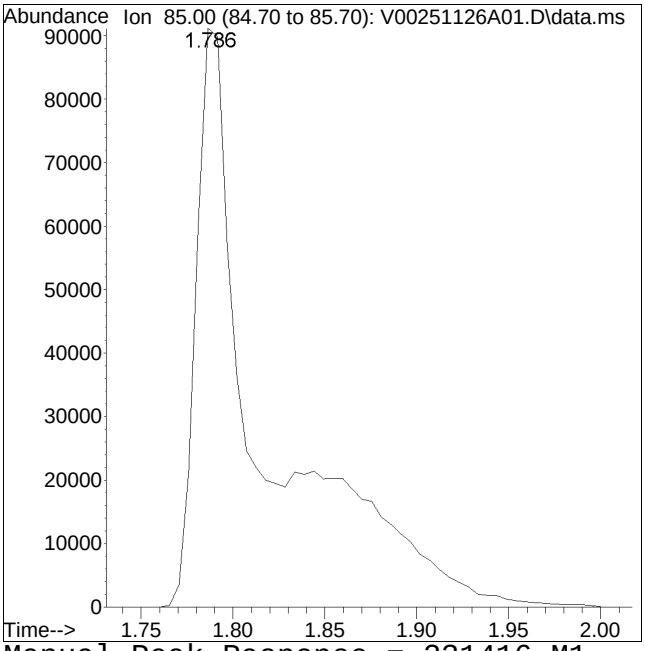
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Date Inj'd : 11/26/2025 6:34 am
Sample : WG2146952-2

QMethod : V100_251024A_8260.m
Operator : VOA100:MNF
Instrument : VOA100
Quant Date : 11/26/2025 6:55 am

Compound #2: Dichlorodifluoromethane





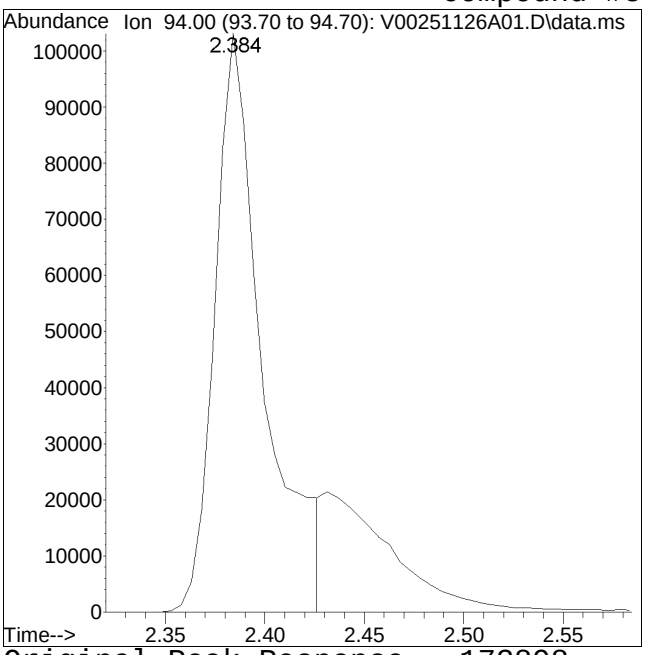
Original Peak Response = 146182 Manual Peak Response = 231416 M1

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

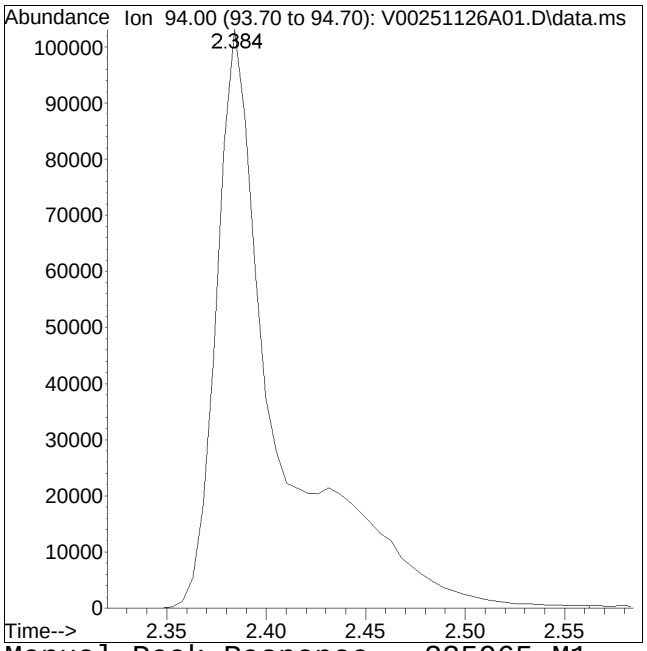
Manual Integration Report

Data Path	: K:\VOA100\2025\251126A\	QMethod	: V100_251024A_8260.m
Data File	: V00251126A01.D	Operator	: VOA100:MNF
Date Inj'd	: 11/26/2025 6:34 am	Instrument	: VOA100
Sample	: WG2146952-2	Quant Date	: 11/26/2025 6:55 am

Compound #5: Bromomethane



Original Peak Response = 173898



Manual Peak Response = 225965 M1

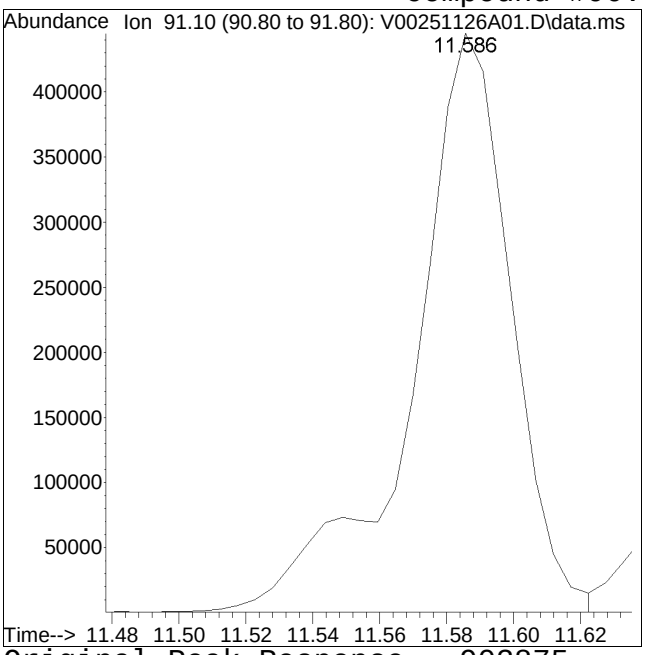
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

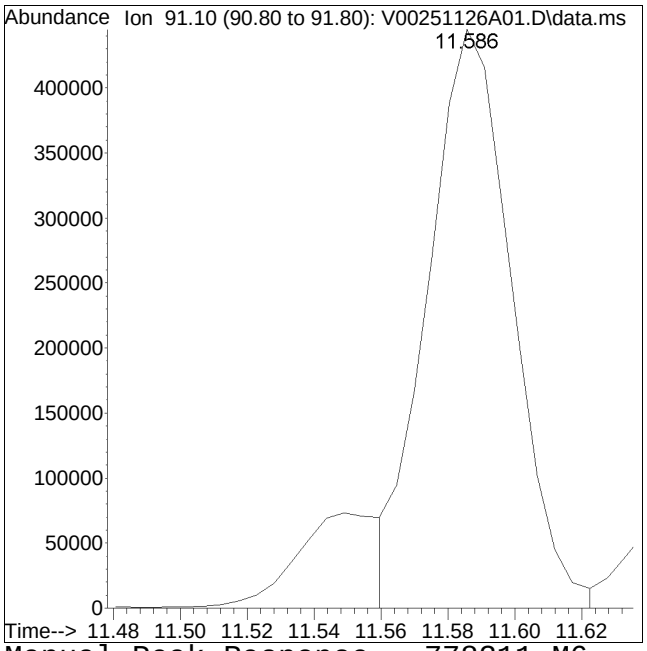
Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Date Inj'd : 11/26/2025 6:34 am
Sample : WG2146952-2

QMethod : V100_251024A_8260.m
Operator : VOA100:MNF
Instrument : VOA100
Quant Date : 11/26/2025 6:55 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 903875



Manual Peak Response = 778311 M6

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

Evaluate Continuing Calibration Report

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146922-2
Misc : WG2146922,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

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

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene		1.000	1.000	0.0	146	0.00
2	TP	Dichlorodifluoromethane		0.301	0.306	-1.7	141	0.00
3	TP	Chloromethane		0.333	0.265	20.4#	125	0.00
4	TP	Vinyl chloride		0.461	0.330	28.4#	106	0.00
5	TP	Bromomethane	*	40.000	26.903	32.7#	91	0.00
6	TP	Chloroethane		0.369	0.246	33.3#	102	0.00
7	TP	Trichlorofluoromethane		0.509	0.540	-6.1	166	0.00
8	TP	Ethyl ether		0.174	0.162	6.9	146	0.00
10	TP	1,1-Dichloroethene		0.271	0.274	-1.1	152	0.00
11	TP	Carbon disulfide	*	40.000	39.483	1.3	145	0.00
12	TP	Freon-113		0.256	0.284	-10.9	157	0.00
14	TP	Acrolein		0.038	0.033	13.2	129	0.00
15	TP	Methylene chloride		0.328	0.311	5.2	145	0.00
17	TP	Acetone		0.150	0.100	33.3#	107	0.00
18	TP	trans-1,2-Dichloroethene		0.319	0.306	4.1	148	0.00
19	TP	Methyl acetate		0.175	0.153	12.6	140	0.00
20	TP	Methyl tert-butyl ether		0.859	0.847	1.4	152	0.00
21	TP	tert-Butyl alcohol		0.032	0.027	15.6	120	0.00
22	TP	Diisopropyl ether		0.870	0.787	9.5	138	0.00
23	TP	1,1-Dichloroethane		0.552	0.496	10.1	139	0.00
24	TP	Halothane		0.231	0.238	-3.0	155	0.00
25	TP	Acrylonitrile		0.084	0.080	4.8	138	0.00
26	TP	Ethyl tert-butyl ether		0.807	0.755	6.4	140	0.00
27	TP	Vinyl acetate		0.637	0.640	-0.5	151	0.00
28	TP	cis-1,2-Dichloroethene		0.350	0.338	3.4	148	0.00
29	TP	2,2-Dichloropropane		0.455	0.463	-1.8	155	0.00
31	TP	Bromochloromethane		0.174	0.176	-1.1	154	0.00
32	TP	Cyclohexane		0.408	0.402	1.5	136	0.00
33	TP	Chloroform		0.595	0.577	3.0	153	0.00
34	TP	Ethyl acetate		0.256	0.237	7.4	137	0.00
35	TP	Carbon tetrachloride		0.430	0.487	-13.3	164	0.00
36	TP	Tetrahydrofuran		0.090	0.076	15.6	138	0.00
37	S	Dibromofluoromethane		0.304	0.288	5.3	145	0.00
38	TP	1,1,1-Trichloroethane		0.450	0.499	-10.9	160	0.00
40	TP	2-Butanone		0.112	0.093	17.0	125	0.00
41	TP	1,1-Dichloropropene		0.361	0.385	-6.6	154	0.00
42	TP	Benzene		1.170	1.109	5.2	143	0.00
43	TP	tert-Amyl methyl ether		0.827	0.801	3.1	144	0.00
44	S	1,2-Dichloroethane-d4		0.275	0.251	8.7	142	0.00

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146922-2
Misc : WG2146922,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	TP	1,2-Dichloroethane	0.376	0.361	4.0	150	0.00
48	TP	Methyl cyclohexane	0.503	0.512	-1.8	147	0.00
49	TP	Trichloroethene	0.325	0.322	0.9	150	0.00
51	TP	Dibromomethane	0.203	0.200	1.5	152	0.00
52	TP	1,2-Dichloropropane	0.303	0.270	10.9	137	0.00
55	TP	Bromodichloromethane	0.450	0.441	2.0	150	0.00
58	TP	1,4-Dioxane	0.00254	0.00281#	-10.6	163	0.00
59	TP	cis-1,3-Dichloropropene	0.497	0.484	2.6	146	0.00
60	I	Chlorobenzene-d5	1.000	1.000	0.0	137	0.00
61	S	Toluene-d8	1.209	1.191	1.5	135	0.00
62	TP	Toluene	0.804	0.863	-7.3	150	0.00
63	TP	4-Methyl-2-pentanone	0.097	0.098	-1.0	128	0.00
64	TP	Tetrachloroethene	0.345	0.432	-25.2#	171	0.00
66	TP	trans-1,3-Dichloropropene	0.482	0.528	-9.5	149	0.00
68	TP	Ethyl methacrylate	0.375	0.391	-4.3	137	0.00
69	TP	1,1,2-Trichloroethane	0.243	0.254	-4.5	144	0.00
70	TP	Chlorodibromomethane	0.373	0.446	-19.6	159	0.00
71	TP	1,3-Dichloropropane	0.467	0.493	-5.6	145	0.00
72	TP	1,2-Dibromoethane	0.288	0.339	-17.7	160	0.00
73	TP	2-Hexanone	0.185	0.181	2.2	121	0.00
74	TP	Chlorobenzene	0.965	1.053	-9.1	149	0.00
75	TP	Ethylbenzene	1.581	1.721	-8.9	149	0.00
76	TP	1,1,1,2-Tetrachloroethane	0.343	0.413	-20.4#	157	0.00
77	TP	p/m Xylene	0.634	0.695	-9.6	150	0.00
78	TP	o Xylene	0.629	0.684	-8.7	148	0.00
79	TP	Styrene	1.082	1.155	-6.7	142	0.00
80	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	140	0.00
81	TP	Bromoform	0.472	0.539	-14.2	158	0.00
83	TP	Isopropylbenzene	2.775	3.003	-8.2	152	0.00
84	S	4-Bromofluorobenzene	0.773	0.724	6.3	135	0.00
85	TP	Bromobenzene	0.712	0.789	-10.8	159	0.00
86	TP	n-Propylbenzene	3.348	3.396	-1.4	144	0.00
87	TP	1,4-Dichlorobutane	0.791	0.723	8.6	130	0.00
88	TP	1,1,2,2-Tetrachloroethane	0.684	0.697	-1.9	136	0.00
89	TP	4-Ethyltoluene	2.732	2.870	-5.1	148	0.00
90	TP	2-Chlorotoluene	1.902	1.967	-3.4	146	0.00
91	TP	1,3,5-Trimethylbenzene	2.355	2.486	-5.6	149	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146922-2
Misc : WG2146922,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
92 TP	1,2,3-Trichloropropane	0.539	0.532	1.3	140	0.00
93 TP	trans-1,4-Dichloro-2-butene	0.179	0.184	-2.8	138	0.00
94 TP	4-Chlorotoluene	1.966	2.069	-5.2	148	0.00
95 TP	tert-Butylbenzene	2.083	2.275	-9.2	151	0.00
98 TP	1,2,4-Trimethylbenzene	2.317	2.502	-8.0	150	0.00
99 TP	sec-Butylbenzene	3.067	3.333	-8.7	147	0.00
100 TP	p-Isopropyltoluene	2.712	3.004	-10.8	152	0.00
101 TP	1,3-Dichlorobenzene	1.418	1.621	-14.3	158	0.00
102 TP	1,4-Dichlorobenzene	1.433	1.640	-14.4	158	0.00
103 TP	p-Diethylbenzene	1.628	1.802	-10.7	153	0.00
104 TP	n-Butylbenzene	2.376	2.674	-12.5	153	0.00
105 TP	1,2-Dichlorobenzene	1.321	1.537	-16.4	159	0.00
106 TP	1,2,4,5-Tetramethylbenzene	2.445	2.764	-13.0	155	0.00
107 TP	1,2-Dibromo-3-chloropropane	0.123	0.144	-17.1	149	0.00
108 TP	1,3,5-Trichlorobenzene	0.993	1.240	-24.9#	175	0.00
109 TP	Hexachlorobutadiene	0.428	0.545	-27.3#	181	0.00
110 TP	1,2,4-Trichlorobenzene	0.887	1.093	-23.2#	175	0.00
111 TP	Naphthalene	2.083	2.399	-15.2	157	0.00
112 TP	1,2,3-Trichlorobenzene	0.799	1.003	-25.5#	176	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146922-2
Misc : WG2146922,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.232	96	378260	20.000	ug/L	0.00
Standard Area 1 = 378260			Recovery = 100.00%			
60) Chlorobenzene-d5	9.798	117	324241	20.000	ug/L	0.00
Standard Area 1 = 324241			Recovery = 100.00%			
80) 1,4-Dichlorobenzene-d4	12.461	152	197845	20.000	ug/L	0.00
Standard Area 1 = 197845			Recovery = 100.00%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.415	113	108944	18.945	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.73%			
44) 1,2-Dichloroethane-d4	5.944	65	94843	18.241	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.20%			
61) Toluene-d8	7.942	98	386331	19.714	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.57%			
84) 4-Bromofluorobenzene	11.266	95	143241	18.739	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.786	85	231416M1	40.672	ug/L	
3) Chloromethane	2.022	50	200774	31.836	ug/L	97
4) Vinyl chloride	2.059	62	249373	28.603	ug/L	82
5) Bromomethane	2.384	94	225965M1	26.903	ug/L	
6) Chloroethane	2.510	64	185826	26.658	ug/L	85
7) Trichlorofluoromethane	2.651	101	408475	42.431	ug/L	98
8) Ethyl ether	2.956	74	122401	37.124	ug/L	86
10) 1,1-Dichloroethene	3.155	96	207340	40.476	ug/L #	74
11) Carbon disulfide	3.191	76	716925	39.483	ug/L	99
12) Freon-113	3.197	101	214474	44.231	ug/L	89
14) Acrolein	3.459	56	25298	34.758	ug/L	92
15) Methylene chloride	3.711	84	235410	37.971	ug/L	96
17) Acetone	3.732	43	75908	26.711	ug/L	91
18) trans-1,2-Dichloroethene	3.868	96	231872	38.391	ug/L	84
19) Methyl acetate	3.857	43	115733	34.952	ug/L #	87
20) Methyl tert-butyl ether	3.962	73	640736	39.438	ug/L	97
21) tert-Butyl alcohol	4.030	59	102644	168.493	ug/L	89
22) Diisopropyl ether	4.329	45	595472	36.200	ug/L	98
23) 1,1-Dichloroethane	4.450	63	375397	35.944	ug/L	98
24) Halothane	4.497	117	179748	41.152	ug/L	98
25) Acrylonitrile	4.476	53	60784	38.350	ug/L #	91

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146922-2
Misc : WG2146922,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.680	59	570987	37.414	ug/L	#	72
27) Vinyl acetate	4.675	43	484270	40.220	ug/L		97
28) cis-1,2-Dichloroethene	4.974	96	255835	38.667	ug/L		85
29) 2,2-Dichloropropane	5.079	77	350179	40.699	ug/L		97
31) Bromochloromethane	5.163	128	133150	40.486	ug/L		91
32) Cyclohexane	5.194	56	304494	39.482	ug/L		82
33) Chloroform	5.236	83	436251	38.762	ug/L		99
34) Ethyl acetate	5.336	43	179192	36.984	ug/L	#	91
35) Carbon tetrachloride	5.394	117	368647	45.325	ug/L		98
36) Tetrahydrofuran	5.388	42	57250	33.557	ug/L		92
38) 1,1,1-Trichloroethane	5.451	97	377434	44.322	ug/L		93
40) 2-Butanone	5.514	43	70714	33.407	ug/L		94
41) 1,1-Dichloropropene	5.572	75	291083	42.590	ug/L		96
42) Benzene	5.818	78	838807	37.913	ug/L		98
43) tert-Amyl methyl ether	5.928	73	606297	38.748	ug/L		92
45) 1,2-Dichloroethane	6.012	62	273400	38.434	ug/L		98
48) Methyl cyclohexane	6.426	83	387128	40.711	ug/L		87
49) Trichloroethene	6.421	95	243767	39.713	ug/L		91
51) Dibromomethane	6.856	93	151062	39.315	ug/L		89
52) 1,2-Dichloropropane	6.956	63	204354	35.680	ug/L		94
55) Bromodichloromethane	7.029	83	333920	39.267	ug/L		99
58) 1,4-Dioxane	7.234	88	106429	2214.490	ug/L		87
59) cis-1,3-Dichloropropene	7.727	75	366401	38.967	ug/L	#	92
62) Toluene	8.005	92	559356	42.922	ug/L		100
63) 4-Methyl-2-pentanone	8.414	58	63490	40.442	ug/L	#	57
64) Tetrachloroethene	8.461	166	280135	50.155	ug/L		95
66) trans-1,3-Dichloropropene	8.471	75	342222	43.823	ug/L		98
68) Ethyl methacrylate	8.665	69	253346	41.711	ug/L		98
69) 1,1,2-Trichloroethane	8.660	83	164498	41.739	ug/L		97
70) Chlorodibromomethane	8.880	129	288938	47.796	ug/L		99
71) 1,3-Dichloropropane	8.985	76	320005	42.298	ug/L		99
72) 1,2-Dibromoethane	9.158	107	220027	47.170	ug/L		99
73) 2-Hexanone	9.431	43	117409	39.051	ug/L	#	82
74) Chlorobenzene	9.819	112	683066	43.643	ug/L		93
75) Ethylbenzene	9.861	91	1115995	43.544	ug/L		98
76) 1,1,1,2-Tetrachloroethane	9.903	131	267607	48.112	ug/L		99
77) p/m Xylene	10.049	106	900883	87.641	ug/L		95
78) o Xylene	10.574	106	886946	86.936	ug/L		95
79) Styrene	10.637	104	1497867	85.419	ug/L		95
81) Bromoform	10.658	173	213386	45.672	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146922-2
Misc : WG2146922,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
83) Isopropylbenzene	10.951	105	1188063	43.283	ug/L		97
85) Bromobenzene	11.376	156	312263	44.305	ug/L		99
86) n-Propylbenzene	11.423	91	1343905	40.580	ug/L		96
87) 1,4-Dichlorobutane	11.423	55	285888	36.538	ug/L		100
88) 1,1,2,2-Tetrachloroethane	11.491	83	275867	40.766	ug/L		97
89) 4-Ethyltoluene	11.549	105	1135811	42.035	ug/L		97
90) 2-Chlorotoluene	11.586	91	778311M6	41.359	ug/L		
91) 1,3,5-Trimethylbenzene	11.643	105	983681	42.221	ug/L		96
92) 1,2,3-Trichloropropane	11.633	75	210654	39.516	ug/L		91
93) trans-1,4-Dichloro-2-b...	11.680	53	72911	41.217	ug/L	#	85
94) 4-Chlorotoluene	11.764	91	818746	42.095	ug/L		94
95) tert-Butylbenzene	11.984	119	900230	43.695	ug/L		93
98) 1,2,4-Trimethylbenzene	12.057	105	990194	43.205	ug/L		98
99) sec-Butylbenzene	12.173	105	1318783	43.469	ug/L		98
100) p-Isopropyltoluene	12.325	119	1188648	44.312	ug/L		98
101) 1,3-Dichlorobenzene	12.388	146	641473	45.744	ug/L		98
102) 1,4-Dichlorobenzene	12.477	146	648991	45.773	ug/L		97
103) p-Diethylbenzene	12.697	119	712843	44.271	ug/L		96
104) n-Butylbenzene	12.750	91	1058008	45.020	ug/L		98
105) 1,2-Dichlorobenzene	12.896	146	608149	46.545	ug/L		97
106) 1,2,4,5-Tetramethylben...	13.484	119	1093708	45.212	ug/L		99
107) 1,2-Dibromo-3-chloropr...	13.667	155	56940	46.902	ug/L		91
108) 1,3,5-Trichlorobenzene	13.714	180	490751	49.967	ug/L		98
109) Hexachlorobutadiene	14.291	225	215606	50.878	ug/L		98
110) 1,2,4-Trichlorobenzene	14.307	180	432307	49.266	ug/L		99
111) Naphthalene	14.595	128	949086	46.070	ug/L		100
112) 1,2,3-Trichlorobenzene	14.768	180	396907	50.195	ug/L		99

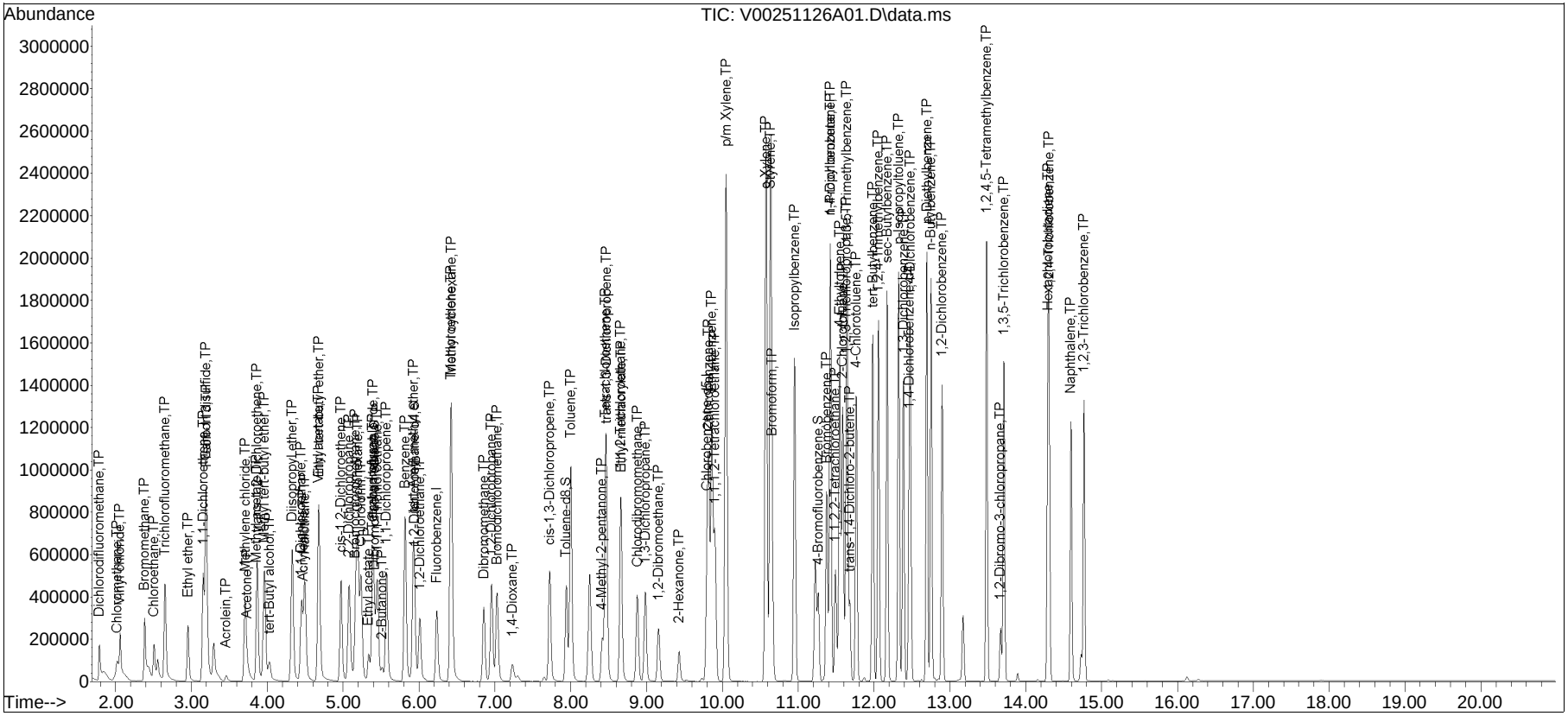
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146922-2
Misc : WG2146922,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

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

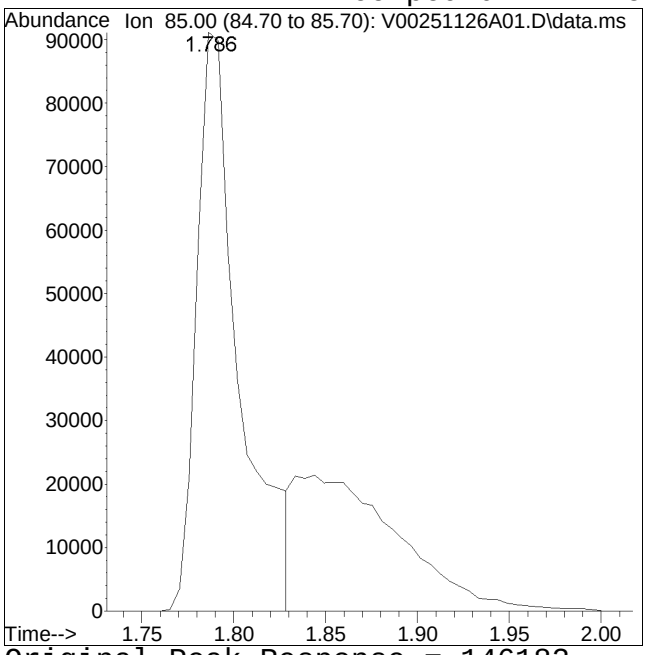


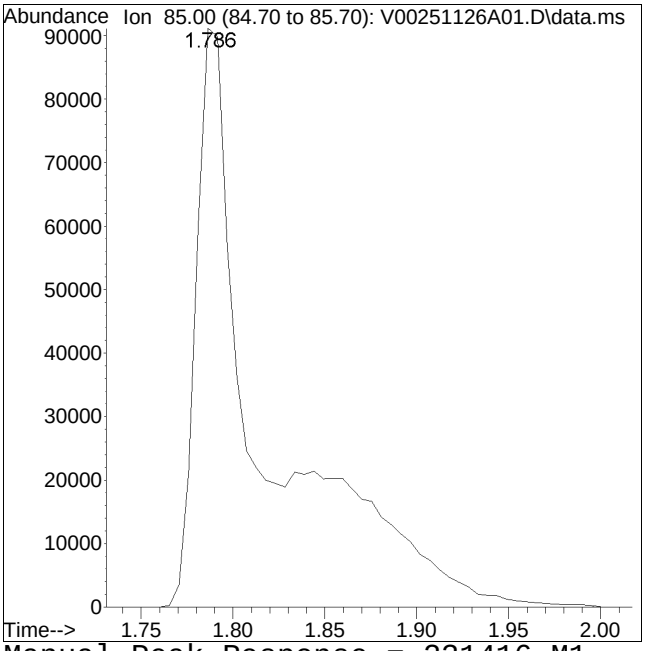
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Date Inj'd : 11/26/2025 6:34 am
Sample : WG2146922-2

QMethod : V100_251024A_8260.m
Operator : VOA100:MNF
Instrument : VOA100
Quant Date : 11/26/2025 6:55 am

Compound #2: Dichlorodifluoromethane





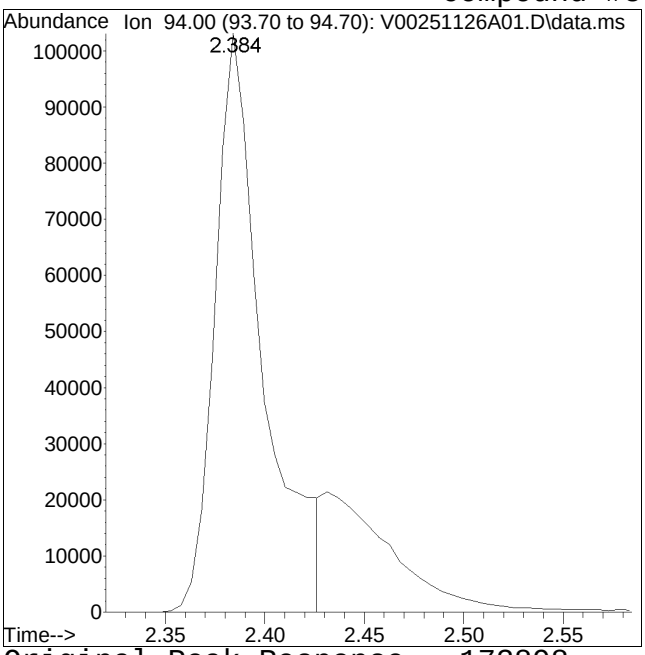
Original Peak Response = 146182 Manual Peak Response = 231416 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

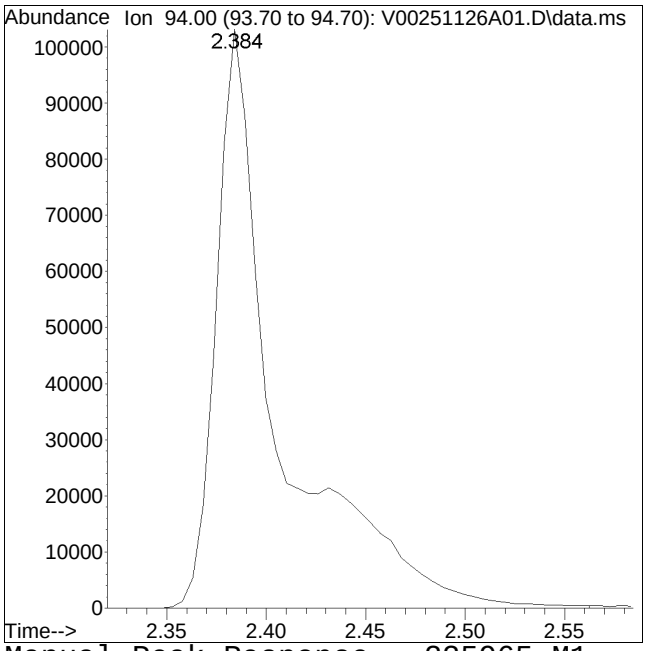
Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Date Inj'd : 11/26/2025 6:34 am
Sample : WG2146922-2

QMethod : V100_251024A_8260.m
Operator : VOA100:MNF
Instrument : VOA100
Quant Date : 11/26/2025 6:55 am

Compound #5: Bromomethane



Original Peak Response = 173898



Manual Peak Response = 225965 M1

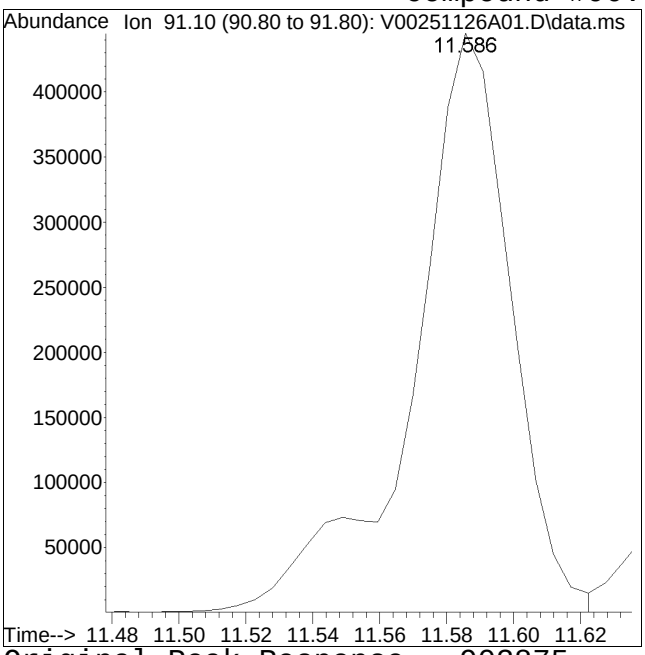
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

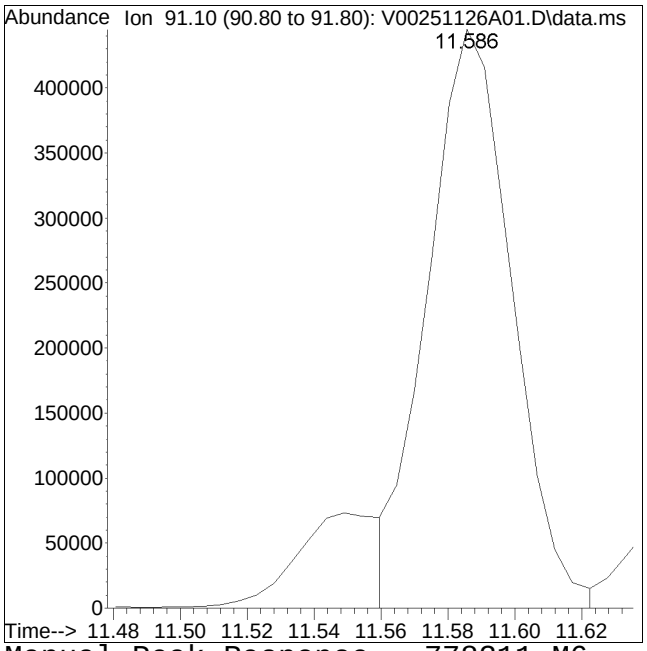
Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Date Inj'd : 11/26/2025 6:34 am
Sample : WG2146922-2

QMethod : V100_251024A_8260.m
Operator : VOA100:MNF
Instrument : VOA100
Quant Date : 11/26/2025 6:55 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 903875



Manual Peak Response = 778311 M6

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

Evaluate Continuing Calibration Report

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A01.D
Acq On : 27 Nov 2025 4:10 am
Operator : GONZO:PID
Sample : WG2147438-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 27 05:08:18 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	86	0.00
2	TP	Dichlorodifluoromethane	0.251	0.312	-24.3#	117	0.00
3	TP	Chloromethane	0.352	0.412	-17.0	99	0.00
4	TP	Vinyl chloride	0.303	0.344	-13.5	98	0.00
5	TP	Bromomethane	0.216	0.108	50.0#	42#	0.00
6	TP	Chloroethane	0.192	0.162	15.6	67	0.00
7	TP	Trichlorofluoromethane	0.351	0.381	-8.5	98	0.00
8	TP	Ethyl ether	0.116	0.116	0.0	88	0.00
10	TP	1,1-Dichloroethene	0.219	0.221	-0.9	93	0.00
11	TP	Carbon disulfide	0.722	0.776	-7.5	95	0.00
12	TP	Freon-113	0.222	0.231	-4.1	102	0.00
13	TP	Iodomethane	* 10.000	4.586	54.1#	46#	0.00
14	TP	Acrolein	0.027	0.025	7.4	85	0.00
15	TP	Methylene chloride	0.262	0.261	0.4	86	0.00
17	TP	Acetone	0.049	0.046	6.1	92	0.00
18	TP	trans-1,2-Dichloroethene	0.250	0.255	-2.0	88	0.00
19	TP	Methyl acetate	0.115	0.125	-8.7	101	0.00
20	TP	Methyl tert-butyl ether	0.559	0.536	4.1	84	0.00
21	TP	tert-Butyl alcohol	0.014	0.014	0.0	89	0.00
22	TP	Diisopropyl ether	0.899	1.052	-17.0	101	0.00
23	TP	1,1-Dichloroethane	0.504	0.541	-7.3	90	0.00
24	TP	Halothane	0.199	0.203	-2.0	92	0.00
25	TP	Acrylonitrile	0.061	0.061	0.0	93	0.00
26	TP	Ethyl tert-butyl ether	0.714	0.699	2.1	87	0.00
27	TP	Vinyl acetate	0.529	0.628	-18.7	107	0.00
28	TP	cis-1,2-Dichloroethene	0.276	0.292	-5.8	88	0.00
29	TP	2,2-Dichloropropane	0.345	0.403	-16.8	99	0.00
30	TP	Bromochloromethane	0.121	0.135	-11.6	88	0.00
31	TP	Cyclohexane	0.492	0.530	-7.7	108	0.00
32	TP	Chloroform	0.456	0.477	-4.6	92	0.00
33	TP	Ethyl acetate	0.183	0.202	-10.4	103	0.00
34	TP	Carbon tetrachloride	0.357	0.376	-5.3	93	0.00
35	TP	Tetrahydrofuran	0.058	0.065	-12.1	99	0.00
36	S	Dibromofluoromethane	0.264	0.252	4.5	84	0.00
37	TP	1,1,1-Trichloroethane	0.390	0.410	-5.1	93	0.00
39	TP	2-Butanone	0.076	0.087	-14.5	104	0.00
40	TP	1,1-Dichloropropene	0.313	0.343	-9.6	97	0.00
41	TP	Benzene	0.987	1.104	-11.9	93	0.00
42	TP	tert-Amyl methyl ether	0.558	0.499	10.6	79	0.00

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A01.D
Acq On : 27 Nov 2025 4:10 am
Operator : GONZO:PID
Sample : WG2147438-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 27 05:08:18 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
43	S	1,2-Dichloroethane-d4	0.285	0.294	-3.2	86	0.00
44	TP	1,2-Dichloroethane	0.320	0.347	-8.4	93	0.00
47	TP	Methyl cyclohexane	0.447	0.447	0.0	103	0.00
48	TP	Trichloroethene	0.280	0.289	-3.2	91	0.00
50	TP	Dibromomethane	0.132	0.138	-4.5	91	0.00
51	TP	1,2-Dichloropropane	0.283	0.290	-2.5	88	0.00
54	TP	Bromodichloromethane	0.345	0.358	-3.8	89	0.00
57	TP	1,4-Dioxane	0.00147	0.00150#	-2.0	94	0.00
58	TP	cis-1,3-Dichloropropene	0.376	0.390	-3.7	87	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
60	S	Toluene-d8	1.286	1.244	3.3	84	0.00
61	TP	Toluene	0.836	0.879	-5.1	91	0.00
62	TP	4-Methyl-2-pentanone	0.076	0.069	9.2	89	0.00
63	TP	Tetrachloroethene	0.384	0.416	-8.3	93	0.00
65	TP	trans-1,3-Dichloropropene	0.393	0.407	-3.6	87	0.00
67	TP	Ethyl methacrylate	0.289	0.262	9.3	88	0.00
68	TP	1,1,2-Trichloroethane	0.203	0.211	-3.9	91	0.00
69	TP	Chlorodibromomethane	0.328	0.325	0.9	89	0.00
70	TP	1,3-Dichloropropane	0.407	0.417	-2.5	88	0.00
71	TP	1,2-Dibromoethane	0.238	0.231	2.9	86	0.00
72	TP	2-Hexanone	* 10.000	10.059	-0.6	97	0.00
73	TP	Chlorobenzene	0.978	1.041	-6.4	90	0.00
74	TP	Ethylbenzene	1.606	1.702	-6.0	90	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.356	0.362	-1.7	89	0.00
76	TP	p/m Xylene	0.635	0.694	-9.3	92	0.00
77	TP	o Xylene	0.623	0.667	-7.1	90	0.00
78	TP	Styrene	1.014	1.117	-10.2	90	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
80	TP	Bromoform	0.335	0.323	3.6	87	0.00
82	TP	Isopropylbenzene	2.588	2.858	-10.4	94	0.00
83	S	4-Bromofluorobenzene	0.782	0.751	4.0	85	0.00
84	TP	Bromobenzene	0.702	0.732	-4.3	89	0.00
85	TP	n-Propylbenzene	3.115	3.433	-10.2	94	0.00
86	TP	1,4-Dichlorobutane	0.778	0.866	-11.3	97	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.470	0.484	-3.0	90	0.00
88	TP	4-Ethyltoluene	2.598	2.874	-10.6	94	0.00
89	TP	2-Chlorotoluene	1.927	1.991	-3.3	89	0.00

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A01.D
Acq On : 27 Nov 2025 4:10 am
Operator : GONZO:PID
Sample : WG2147438-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 27 05:08:18 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

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

	Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
90 TP	1,3,5-Trimethylbenzene		2.275	2.483	-9.1	95	0.00
91 TP	1,2,3-Trichloropropane		0.391	0.386	1.3	93	0.00
92 TP	trans-1,4-Dichloro-2-butene		0.138	0.107	22.5#	70	0.00
93 TP	4-Chlorotoluene		1.972	2.082	-5.6	92	0.00
94 TP	tert-Butylbenzene		1.951	2.153	-10.4	98	0.00
97 TP	1,2,4-Trimethylbenzene		2.116	2.314	-9.4	95	0.00
98 TP	sec-Butylbenzene		2.796	3.175	-13.6	98	0.00
99 TP	p-Isopropyltoluene	*	10.000	10.251	-2.5	97	0.00
100 TP	1,3-Dichlorobenzene		1.391	1.486	-6.8	93	0.00
101 TP	1,4-Dichlorobenzene		1.399	1.481	-5.9	94	0.00
102 TP	p-Diethylbenzene		1.464	1.512	-3.3	98	0.00
103 TP	n-Butylbenzene	*	10.000	10.600	-6.0	104	0.00
104 TP	1,2-Dichlorobenzene		1.236	1.306	-5.7	91	0.00
105 TP	1,2,4,5-Tetramethylbenzene	*	10.000	8.933	10.7	94	0.00
106 TP	1,2-Dibromo-3-chloropropane		0.070	0.063	10.0	80	0.00
107 TP	1,3,5-Trichlorobenzene		0.758	0.869	-14.6	99	0.00
108 TP	Hexachlorobutadiene		0.316	0.379	-19.9	109	0.00
109 TP	1,2,4-Trichlorobenzene		0.522	0.532	-1.9	91	0.00
110 TP	Naphthalene	*	10.000	9.224	7.8	84	0.00
111 TP	1,2,3-Trichlorobenzene		0.362	0.362#	0.0	89	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 2 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A01.D
Acq On : 27 Nov 2025 4:10 am
Operator : GONZO:PID
Sample : WG2147438-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 27 05:08:18 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.942	96	438629	10.000	ug/L	0.00
59) Chlorobenzene-d5	9.470	117	346963	10.000	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	12.191	152	218089	10.000	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	5.143	113	110459	9.541	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.41%			
43) 1,2-Dichloroethane-d4	5.667	65	128898	10.323	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.23%			
60) Toluene-d8	7.629	98	431515	9.670	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.70%			
83) 4-Bromofluorobenzene	10.974	95	163813	9.603	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.03%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.614	85	136636	12.396	ug/L	98
3) Chloromethane	1.806	50	180504	11.675	ug/L	99
4) Vinyl chloride	1.870	62	151029	11.380	ug/L	98
5) Bromomethane	2.176	94	47283	4.986	ug/L	98
6) Chloroethane	2.276	64	71201	8.441	ug/L	96
7) Trichlorofluoromethane	2.418	101	167107	10.857	ug/L	99
8) Ethyl ether	2.717	74	50961	9.973	ug/L	88
10) 1,1-Dichloroethene	2.909	96	97072	10.124	ug/L	95
11) Carbon disulfide	2.944	76	340561	10.759	ug/L	99
12) Freon-113	2.944	101	101186	10.384	ug/L	91
13) Iodomethane	3.051	142	36429	4.586	ug/L	98
14) Acrolein	3.236	56	10949	9.309	ug/L #	80
15) Methylene chloride	3.464	84	114470	9.980	ug/L	84
17) Acetone	3.506	43	20341	9.428	ug/L	97
18) trans-1,2-Dichloroethene	3.606	96	111766	10.211	ug/L	95
19) Methyl acetate	3.620	43	54921	10.859	ug/L	96
20) Methyl tert-butyl ether	3.698	73	235254	9.595	ug/L	92
21) tert-Butyl alcohol	3.798	59	29747	49.494	ug/L #	86
22) Diisopropyl ether	4.047	45	461461	11.703	ug/L	97
23) 1,1-Dichloroethane	4.189	63	237407	10.749	ug/L	100
24) Halothane	4.246	117	89236	10.217	ug/L	99
25) Acrylonitrile	4.246	53	26940	10.001	ug/L	97
26) Ethyl tert-butyl ether	4.396	59	306424	9.785	ug/L	89
27) Vinyl acetate	4.417	43	275624	11.875	ug/L	97
28) cis-1,2-Dichloroethene	4.702	96	128228	10.585	ug/L	94

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A01.D
Acq On : 27 Nov 2025 4:10 am
Operator : GONZO:PID
Sample : WG2147438-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 27 05:08:18 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) 2,2-Dichloropropane	4.801	77	176605	11.663	ug/L		88
30) Bromochloromethane	4.894	128	59001	11.090	ug/L		87
31) Cyclohexane	4.886	56	232558	10.770	ug/L		93
32) Chloroform	4.965	83	209341	10.470	ug/L		95
33) Ethyl acetate	5.079	43	88760	11.049	ug/L		98
34) Carbon tetrachloride	5.093	117	165102	10.553	ug/L		99
35) Tetrahydrofuran	5.121	42	28418M6	11.244	ug/L		
37) 1,1,1-Trichloroethane	5.157	97	180009	10.531	ug/L		97
39) 2-Butanone	5.264	43	38206	11.396	ug/L		94
40) 1,1-Dichloropropene	5.285	75	150271	10.957	ug/L		99
41) Benzene	5.526	78	484337	11.185	ug/L		98
42) tert-Amyl methyl ether	5.632	73	218946	8.944	ug/L		91
44) 1,2-Dichloroethane	5.738	62	152208	10.833	ug/L		99
47) Methyl cyclohexane	6.105	83	196193	10.011	ug/L		90
48) Trichloroethene	6.126	95	126857	10.341	ug/L		98
50) Dibromomethane	6.570	93	60473	10.468	ug/L		99
51) 1,2-Dichloropropane	6.662	63	127030	10.233	ug/L		96
54) Bromodichloromethane	6.740	83	156877	10.380	ug/L		97
57) 1,4-Dioxane	6.951	88	32940	511.429	ug/L		97
58) cis-1,3-Dichloropropene	7.431	75	171118	10.365	ug/L		93
61) Toluene	7.685	92	305054	10.518	ug/L		98
62) 4-Methyl-2-pentanone	8.130	58	23912	9.043	ug/L		75
63) Tetrachloroethene	8.130	166	144242	10.823	ug/L		99
65) trans-1,3-Dichloropropene	8.179	75	141243	10.353	ug/L		88
67) Ethyl methacrylate	8.363	69	90750	9.064	ug/L		100
68) 1,1,2-Trichloroethane	8.363	83	73265	10.379	ug/L		99
69) Chlorodibromomethane	8.574	129	112697	9.903	ug/L		98
70) 1,3-Dichloropropane	8.687	76	144813	10.263	ug/L		97
71) 1,2-Dibromoethane	8.849	107	80268	9.726	ug/L	#	100
72) 2-Hexanone	9.139	43	48734	10.059	ug/L		92
73) Chlorobenzene	9.492	112	361328	10.649	ug/L		98
74) Ethylbenzene	9.527	91	590472	10.596	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.576	131	125549	10.164	ug/L		99
76) p/m Xylene	9.717	106	481562	21.862	ug/L		98
77) o Xylene	10.261	106	462844	21.429	ug/L		100
78) Styrene	10.331	104	775251	22.041	ug/L		96
80) Bromoform	10.359	173	70397	9.639	ug/L		99
82) Isopropylbenzene	10.642	105	623273	11.044	ug/L		100
84) Bromobenzene	11.087	156	159589	10.419	ug/L		99
85) n-Propylbenzene	11.130	91	748694	11.020	ug/L		100
86) 1,4-Dichlorobutane	11.151	55	188947	11.136	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A01.D
Acq On : 27 Nov 2025 4:10 am
Operator : GONZO:PID
Sample : WG2147438-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 27 05:08:18 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,1,2,2-Tetrachloroethane	11.229	83	105495	10.291	ug/L	98
88) 4-Ethyltoluene	11.257	105	626679	11.059	ug/L	99
89) 2-Chlorotoluene	11.300	91	434237M6	10.331	ug/L	
90) 1,3,5-Trimethylbenzene	11.356	105	541521	10.914	ug/L	99
91) 1,2,3-Trichloropropane	11.363	75	84093	9.871	ug/L	100
92) trans-1,4-Dichloro-2-b...	11.420	53	23440	7.762	ug/L	90
93) 4-Chlorotoluene	11.484	91	454018	10.556	ug/L	100
94) tert-Butylbenzene	11.696	119	469619	11.039	ug/L	98
97) 1,2,4-Trimethylbenzene	11.774	105	504652	10.938	ug/L	100
98) sec-Butylbenzene	11.887	105	692487	11.356	ug/L	99
99) p-Isopropyltoluene	12.042	119	590239	10.251	ug/L	99
100) 1,3-Dichlorobenzene	12.113	146	324046	10.685	ug/L	100
101) 1,4-Dichlorobenzene	12.205	146	322949	10.584	ug/L	99
102) p-Diethylbenzene	12.417	119	329777	10.326	ug/L	99
103) n-Butylbenzene	12.474	91	494736	10.600	ug/L	100
104) 1,2-Dichlorobenzene	12.629	146	284823	10.569	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.209	119	311799	8.933	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.415	155	13755	8.983	ug/L	96
107) 1,3,5-Trichlorobenzene	13.443	180	189471	11.462	ug/L	99
108) Hexachlorobutadiene	14.009	225	82572	11.977	ug/L	97
109) 1,2,4-Trichlorobenzene	14.037	180	115998	10.189	ug/L	99
110) Naphthalene	14.334	128	134203	9.224	ug/L	100
111) 1,2,3-Trichlorobenzene	14.497	180	78850	9.978	ug/L	99

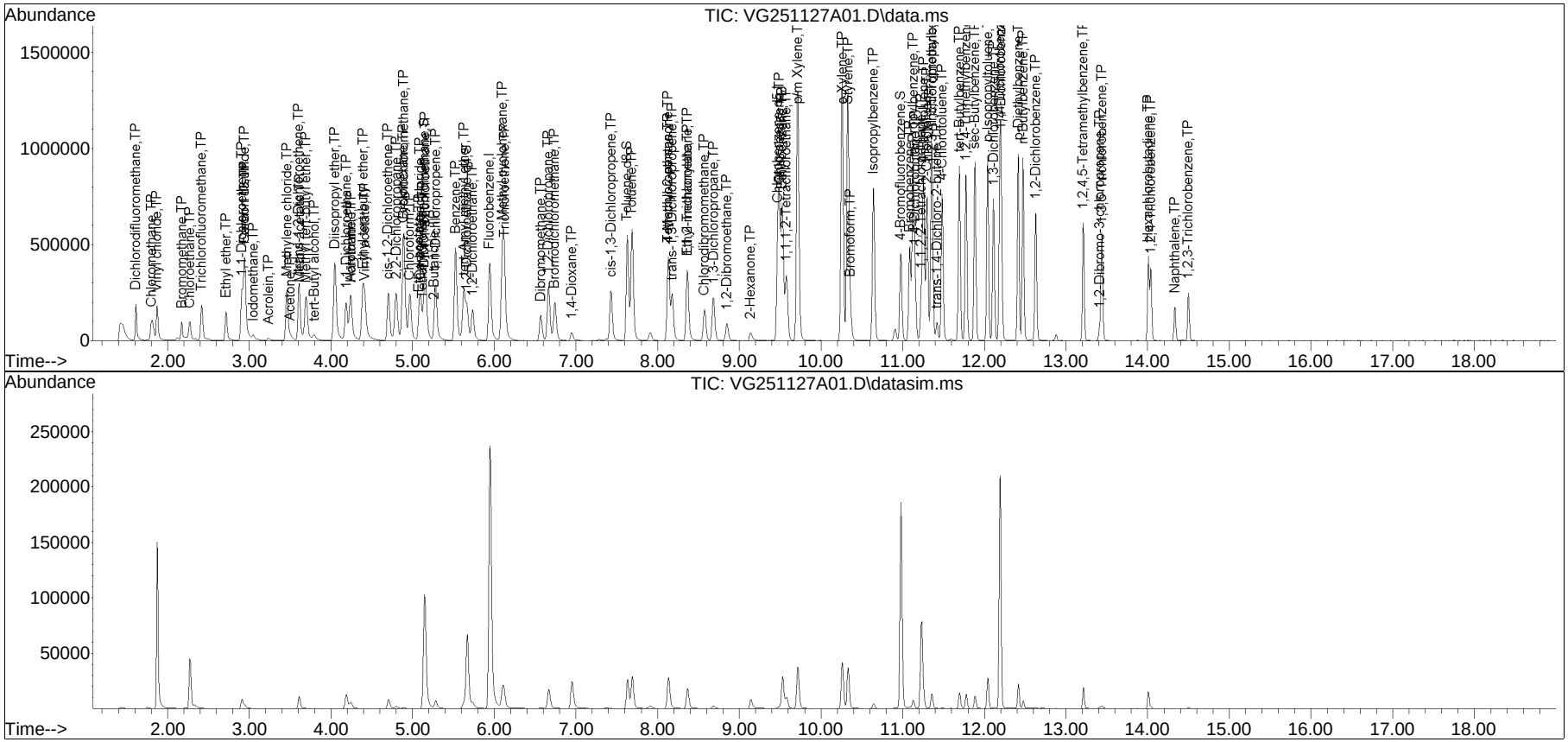
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A01.D
Acq On : 27 Nov 2025 4:10 am
Operator : GONZO:PID
Sample : WG2147438-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 27 05:08:18 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

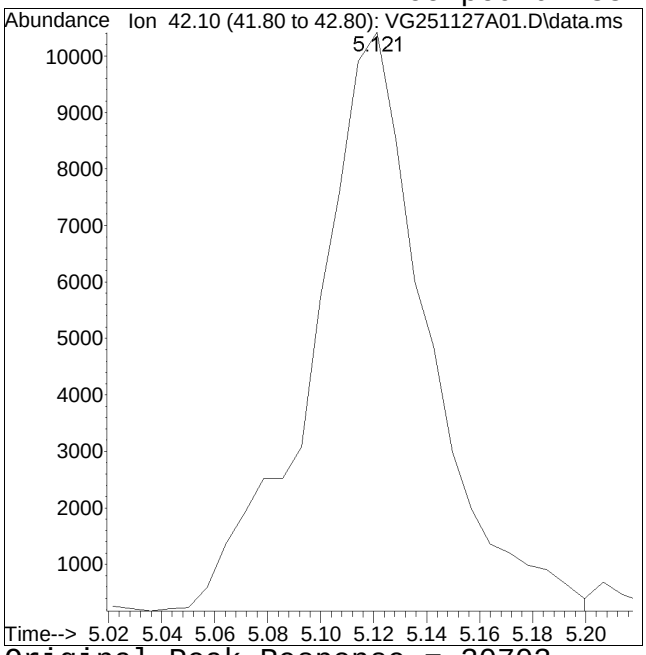


Manual Integration Report

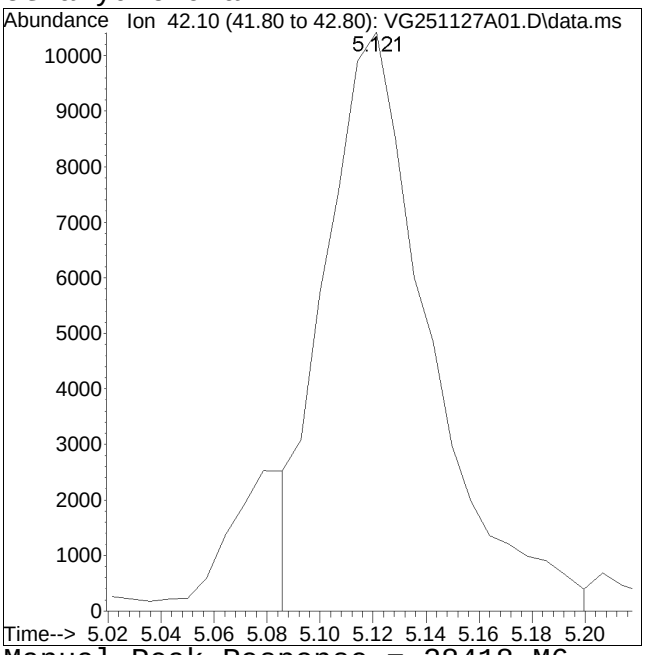
Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A01.D
Date Inj'd : 11/27/2025 4:10 am
Sample : WG2147438-2

QMethod : G_251024A_8260.m
Operator : GONZO:PID
Instrument : Gonzo
Quant Date : 11/27/2025 5:07 am

Compound #35: Tetrahydrofuran



Original Peak Response = 30703



Manual Peak Response = 28418 M6

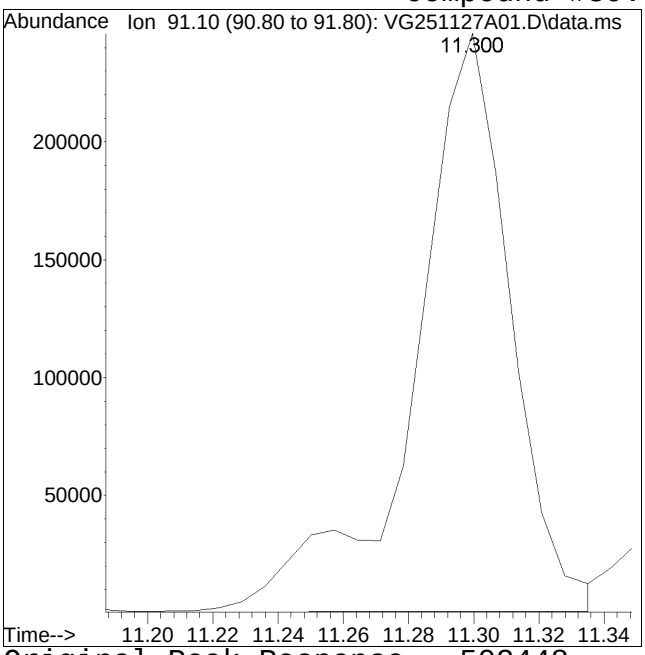
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

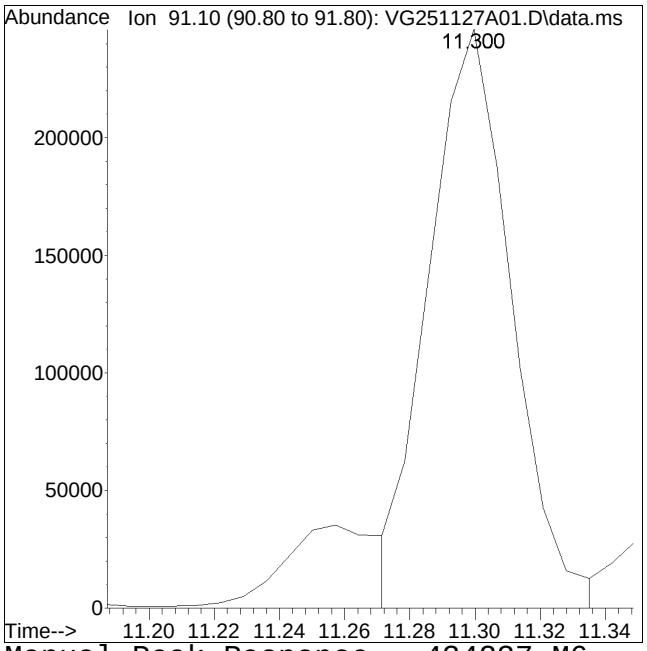
Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A01.D
Date Inj'd : 11/27/2025 4:10 am
Sample : WG2147438-2

QMethod : G_251024A_8260.m
Operator : GONZO:PID
Instrument : Gonzo
Quant Date : 11/27/2025 5:07 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 502448



Manual Peak Response = 434237 M6

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

Evaluate Continuing Calibration Report

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A01.D
Acq On : 28 Nov 2025 08:16 am
Operator : VOA123:AJK
Sample : WG2148010-2
Misc : WG2148010,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 28 08:39:52 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	103	0.00
2	TP	Dichlorodifluoromethane	0.220	0.309	-40.5#	141	0.00
3	TP	Chloromethane	0.240	0.302	-25.8#	127	0.00
4	TC	Vinyl chloride	0.260	0.358	-37.7#	136	0.00
5	TP	Bromomethane	0.166	0.284	-71.1#	179	0.00
6	TP	Chloroethane	0.180	0.238	-32.2#	135	0.00
7	TP	Trichlorofluoromethane	0.393	0.551	-40.2#	141	0.00
8	TP	Ethyl ether	0.132	0.146	-10.6	110	0.00
10	TC	1,1-Dichloroethene	0.208	0.254	-22.1#	123	0.00
11	TP	Carbon disulfide	0.767	0.861	-12.3	121	0.00
12	TP	Freon-113	0.211	0.271	-28.4#	129	0.00
14	TP	Acrolein	0.026	0.027	-3.8	105	0.00
15	TP	Methylene chloride	0.270	0.286	-5.9	109	0.00
17	TP	Acetone	* 40.000	53.563	-33.9#	133	0.00
18	TP	trans-1,2-Dichloroethene	0.243	0.285	-17.3	116	0.00
19	TP	Methyl acetate	0.104	0.108	-3.8	103	0.00
20	TP	Methyl tert-butyl ether	0.694	0.727	-4.8	105	0.00
21	TP	tert-Butyl alcohol	0.019	0.019	0.0	94	0.00
22	TP	Diisopropyl ether	0.750	0.837	-11.6	112	0.00
23	TP	1,1-Dichloroethane	0.447	0.512	-14.5	114	0.00
24	TP	Halothane	0.181	0.213	-17.7	118	0.00
25	TP	Acrylonitrile	0.054	0.055	-1.9	103	0.00
26	TP	Ethyl tert-butyl ether	0.760	0.833	-9.6	110	0.00
27	TP	Vinyl acetate	0.517	0.550	-6.4	105	0.00
28	TP	cis-1,2-Dichloroethene	0.279	0.310	-11.1	110	0.00
29	TP	2,2-Dichloropropane	0.368	0.440	-19.6	119	0.00
30	TP	Bromochloromethane	0.125	0.137	-9.6	107	0.00
31	TP	Cyclohexane	0.373	0.468	-25.5#	126	0.00
32	TC	Chloroform	0.547	0.523	4.4	110	0.00
33	TP	Ethyl acetate	0.175	0.178	-1.7	103	0.00
34	TP	Carbon tetrachloride	0.355	0.417	-17.5	118	0.00
35	TP	Tetrahydrofuran	0.055	0.058	-5.5	110	0.00
36	S	Dibromofluoromethane	0.252	0.248	1.6	100	0.00
37	TP	1,1,1-Trichloroethane	0.378	0.467	-23.5#	119	0.00
39	TP	2-Butanone	0.076	0.075	1.3	110	0.00
40	TP	1,1-Dichloropropene	0.295	0.381	-29.2#	126	0.00
41	TP	Benzene	0.932	1.079	-15.8	113	0.00
42	TP	tert-Amyl methyl ether	0.674	0.712	-5.6	105	0.00
43	S	1,2-Dichloroethane-d4	0.258	0.236	8.5	95	0.00

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A01.D
Acq On : 28 Nov 2025 08:16 am
Operator : VOA123:AJK
Sample : WG2148010-2
Misc : WG2148010,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 28 08:39:52 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.340	0.361	-6.2	106	0.00
47	TP	Methyl cyclohexane	0.403	0.488	-21.1#	120	0.00
48	TP	Trichloroethene	0.256	0.304	-18.7	115	0.00
50	TP	Dibromomethane	0.152	0.159	-4.6	104	0.00
51	TC	1,2-Dichloropropane	0.257	0.279	-8.6	108	0.00
54	TP	Bromodichloromethane	0.360	0.393	-9.2	105	0.00
57	TP	1,4-Dioxane	0.00149	0.00157#	-5.4	100	0.01
58	TP	cis-1,3-Dichloropropene	0.396	0.435	-9.8	103	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
60	S	Toluene-d8	1.353	1.285	5.0	98	0.00
61	TC	Toluene	0.850	0.954	-12.2	112	0.00
62	TP	4-Methyl-2-pentanone	0.091	0.093	-2.2	97	0.00
63	TP	Tetrachloroethene	0.366	0.458	-25.1#	120	0.00
65	TP	trans-1,3-Dichloropropene	0.479	0.511	-6.7	101	0.00
67	TP	Ethyl methacrylate	0.361	0.360	0.3	95	0.00
68	TP	1,1,2-Trichloroethane	0.244	0.252	-3.3	103	0.00
69	TP	Chlorodibromomethane	0.351	0.389	-10.8	104	0.00
70	TP	1,3-Dichloropropane	0.482	0.507	-5.2	104	0.00
71	TP	1,2-Dibromoethane	0.271	0.294	-8.5	101	0.00
72	TP	2-Hexanone	0.162	0.145	10.5	94	0.00
73	TP	Chlorobenzene	0.972	1.082	-11.3	109	0.00
74	TC	Ethylbenzene	1.683	1.867	-10.9	113	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.355	0.405	-14.1	108	0.00
76	TP	p/m Xylene	0.629	0.727	-15.6	112	0.00
77	TP	o Xylene	0.635	0.707	-11.3	109	0.00
78	TP	Styrene	1.070	1.053	1.6	95	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
80	TP	Bromoform	0.434	0.428	1.4	104	0.00
82	TP	Isopropylbenzene	2.998	3.284	-9.5	115	0.00
83	S	4-Bromofluorobenzene	0.894	1.083	-21.1#	133	0.00
84	TP	Bromobenzene	0.808	0.825	-2.1	108	0.00
85	TP	n-Propylbenzene	3.569	3.942	-10.5	116	0.00
86	TP	1,4-Dichlorobutane	0.911	0.899	1.3	106	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.660	0.647	2.0	103	0.00
88	TP	4-Ethyltoluene	2.970	3.306	-11.3	116	0.00
89	TP	2-Chlorotoluene	2.229	2.374	-6.5	114	0.00
90	TP	1,3,5-Trimethylbenzene	2.635	2.850	-8.2	114	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A01.D
Acq On : 28 Nov 2025 08:16 am
Operator : VOA123:AJK
Sample : WG2148010-2
Misc : WG2148010,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 28 08:39:52 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 TP	1,2,3-Trichloropropane	0.522	0.498	4.6	103	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.184	0.163	11.4	95	0.00
93 TP	4-Chlorotoluene	2.265	2.398	-5.9	111	0.00
94 TP	tert-Butylbenzene	2.206	2.424	-9.9	115	0.00
97 TP	1,2,4-Trimethylbenzene	2.619	2.828	-8.0	113	0.00
98 TP	sec-Butylbenzene	3.300	3.712	-12.5	118	0.00
99 TP	p-Isopropyltoluene	2.858	3.219	-12.6	117	0.00
100 TP	1,3-Dichlorobenzene	1.528	1.666	-9.0	114	0.00
101 TP	1,4-Dichlorobenzene	1.565	1.679	-7.3	114	0.00
102 TP	p-Diethylbenzene	1.692	1.948	-15.1	119	0.00
103 TP	n-Butylbenzene	2.564	3.083	-20.2#	125	0.00
104 TP	1,2-Dichlorobenzene	1.432	1.541	-7.6	112	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.755	3.040	-10.3	114	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.101	0.094	6.9	99	0.00
107 TP	1,3,5-Trichlorobenzene	1.176	1.368	-16.3	122	0.00
108 TP	Hexachlorobutadiene	0.586	0.676	-15.4	121	0.00
109 TP	1,2,4-Trichlorobenzene	1.032	1.181	-14.4	118	0.00
110 TP	Naphthalene	1.978	2.012	-1.7	106	0.00
111 TP	1,2,3-Trichlorobenzene	0.884	0.997	-12.8	115	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 2

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A01.D
Acq On : 28 Nov 2025 08:16 am
Operator : VOA123:AJK
Sample : WG2148010-2
Misc : WG2148010,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 28 08:39:52 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251128A\V23251128A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.518	96	207853	20.000	ug/L	0.00
Standard Area 1 = 207853			Recovery = 100.00%			
59) Chlorobenzene-d5	8.990	117	151031	20.000	ug/L	0.00
Standard Area 1 = 151031			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	11.803	152	87472	20.000	ug/L	0.00
Standard Area 1 = 87472			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.734	113	51525	19.680	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.40%			
43) 1,2-Dichloroethane-d4	5.239	65	49102	18.323	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.62%			
60) Toluene-d8	7.174	98	194112	19.005	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.02%			
83) 4-Bromofluorobenzene	10.535	95	94709	24.218	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 121.09%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	128579M1	56.163	ug/L	
3) Chloromethane	1.664	50	125397	50.359	ug/L	99
4) Vinyl chloride	1.692	62	148857M1	55.075	ug/L	
5) Bromomethane	1.962	94	118137	68.335	ug/L	100
6) Chloroethane	2.071	64	98945	52.820	ug/L	97
7) Trichlorofluoromethane	2.194	101	229037M1	56.023	ug/L	
8) Ethyl ether	2.453	74	60676	44.384	ug/L	90
10) 1,1-Dichloroethene	2.626	96	105470	48.762	ug/L	93
11) Carbon disulfide	2.657	76	357934	44.918	ug/L	97
12) Freon-113	2.662	101	112715	51.362	ug/L	97
14) Acrolein	2.913	56	11112	40.790	ug/L	99
15) Methylene chloride	3.131	84	118811	42.314	ug/L	92
17) Acetone	3.170	43	35116	53.563	ug/L	90
18) trans-1,2-Dichloroethene	3.276	96	118641	46.920	ug/L	96
19) Methyl acetate	3.278	43	45070	41.651	ug/L #	88
20) Methyl tert-butyl ether	3.362	73	302024	41.886	ug/L	94
21) tert-Butyl alcohol	3.446	59	39156	198.150	ug/L	97
22) Diisopropyl ether	3.702	45	347838	44.648	ug/L	95
23) 1,1-Dichloroethane	3.817	63	212918	45.790	ug/L	99
24) Halothane	3.870	117	88688	47.095	ug/L	99
25) Acrylonitrile	3.858	53	22693	40.491	ug/L #	87

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A01.D
Acq On : 28 Nov 2025 08:16 am
Operator : VOA123:AJK
Sample : WG2148010-2
Misc : WG2148010,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 28 08:39:52 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251128A\V23251128A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.031	59	346430	43.879	ug/L		92
27) Vinyl acetate	4.043	43	228784	42.544	ug/L		95
28) cis-1,2-Dichloroethene	4.310	96	128982	44.507	ug/L		96
29) 2,2-Dichloropropane	4.408	77	182733	47.748	ug/L		92
30) Bromochloromethane	4.492	128	56869	43.940	ug/L		97
31) Cyclohexane	4.500	56	194360	50.151	ug/L		94
32) Chloroform	4.564	83	217503	38.245	ug/L		97
33) Ethyl acetate	4.678	43	74203	40.790	ug/L		98
34) Carbon tetrachloride	4.692	117	173426	47.069	ug/L		99
35) Tetrahydrofuran	4.709	42	24054M6	41.749	ug/L		
37) 1,1,1-Trichloroethane	4.756	97	194264	49.406	ug/L		98
39) 2-Butanone	4.848	43	31148	39.459	ug/L	#	67
40) 1,1-Dichloropropene	4.874	75	158498	51.775	ug/L		100
41) Benzene	5.111	78	448452	46.282	ug/L		97
42) tert-Amyl methyl ether	5.219	73	296094	42.262	ug/L		95
44) 1,2-Dichloroethane	5.306	62	150180	42.491	ug/L		99
47) Methyl cyclohexane	5.679	83	202820	48.459	ug/L		91
48) Trichloroethene	5.693	95	126172	47.439	ug/L		99
50) Dibromomethane	6.115	93	66290	41.947	ug/L		98
51) 1,2-Dichloropropane	6.212	63	115996	43.488	ug/L		99
54) Bromodichloromethane	6.290	83	163228	43.586	ug/L		100
57) 1,4-Dioxane	6.513	88	32600M1	2107.674	ug/L		
58) cis-1,3-Dichloropropene	6.971	75	180923	43.912	ug/L	#	91
61) Toluene	7.230	92	288227	44.892	ug/L		100
62) 4-Methyl-2-pentanone	7.665	58	28107	41.118	ug/L		87
63) Tetrachloroethene	7.673	166	138352	50.095	ug/L		99
65) trans-1,3-Dichloropropene	7.707	75	154258	42.655	ug/L		99
67) Ethyl methacrylate	7.908	69	108841	39.917	ug/L		87
68) 1,1,2-Trichloroethane	7.888	83	76011	41.220	ug/L		99
69) Chlorodibromomethane	8.094	129	117543	44.372	ug/L		97
70) 1,3-Dichloropropane	8.203	76	153059	42.039	ug/L		99
71) 1,2-Dibromoethane	8.362	107	88788	43.377	ug/L		99
72) 2-Hexanone	8.666	43	43933	35.805	ug/L		93
73) Chlorobenzene	9.012	112	326917	44.556	ug/L	#	87
74) Ethylbenzene	9.054	91	564019	44.378	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.093	131	122205	45.583	ug/L		99
76) p/m Xylene	9.241	106	439441	92.474	ug/L		100
77) o Xylene	9.782	106	427134	89.062	ug/L		100
78) Styrene	9.854	104	636399	78.751	ug/L		99
80) Bromoform	9.871	173	74909	39.453	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A01.D
Acq On : 28 Nov 2025 08:16 am
Operator : VOA123:AJK
Sample : WG2148010-2
Misc : WG2148010,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 28 08:39:52 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251128A\V23251128A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Isopropylbenzene	10.197	105	574462	43.811	ug/L	100
84) Bromobenzene	10.649	156	144391	40.849	ug/L	99
85) n-Propylbenzene	10.707	91	689655	44.182	ug/L	100
86) 1,4-Dichlorobutane	10.719	55	157219	39.467	ug/L	95
87) 1,1,2,2-Tetrachloroethane	10.802	83	113260	39.251	ug/L	100
88) 4-Ethyltoluene	10.841	105	578315	44.521	ug/L	99
89) 2-Chlorotoluene	10.878	91	415294M6	42.608	ug/L	
90) 1,3,5-Trimethylbenzene	10.950	105	498545	43.267	ug/L	99
91) 1,2,3-Trichloropropane	10.942	75	87066	38.167	ug/L	97
92) trans-1,4-Dichloro-2-b...	11.003	53	28501	35.354	ug/L	86
93) 4-Chlorotoluene	11.070	91	419601	42.360	ug/L	99
94) tert-Butylbenzene	11.301	119	423995	43.948	ug/L	99
97) 1,2,4-Trimethylbenzene	11.385	105	494673	43.193	ug/L	100
98) sec-Butylbenzene	11.499	105	649356	44.993	ug/L	100
99) p-Isopropyltoluene	11.661	119	563095	45.049	ug/L	99
100) 1,3-Dichlorobenzene	11.720	146	291427	43.609	ug/L	99
101) 1,4-Dichlorobenzene	11.817	146	293773	42.906	ug/L	98
102) p-Diethylbenzene	12.046	119	340855	46.057	ug/L	99
103) n-Butylbenzene	12.107	91	539306	48.097	ug/L	98
104) 1,2-Dichlorobenzene	12.250	146	269506	43.023	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.860	119	531869	44.137	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.047	155	16482	37.333	ug/L	99
107) 1,3,5-Trichlorobenzene	13.083	180	239273	46.504	ug/L	99
108) Hexachlorobutadiene	13.672	225	118321	46.170	ug/L	99
109) 1,2,4-Trichlorobenzene	13.689	180	206590	45.763	ug/L	99
110) Naphthalene	13.979	128	351965	40.682	ug/L	100
111) 1,2,3-Trichlorobenzene	14.149	180	174486	45.140	ug/L	99

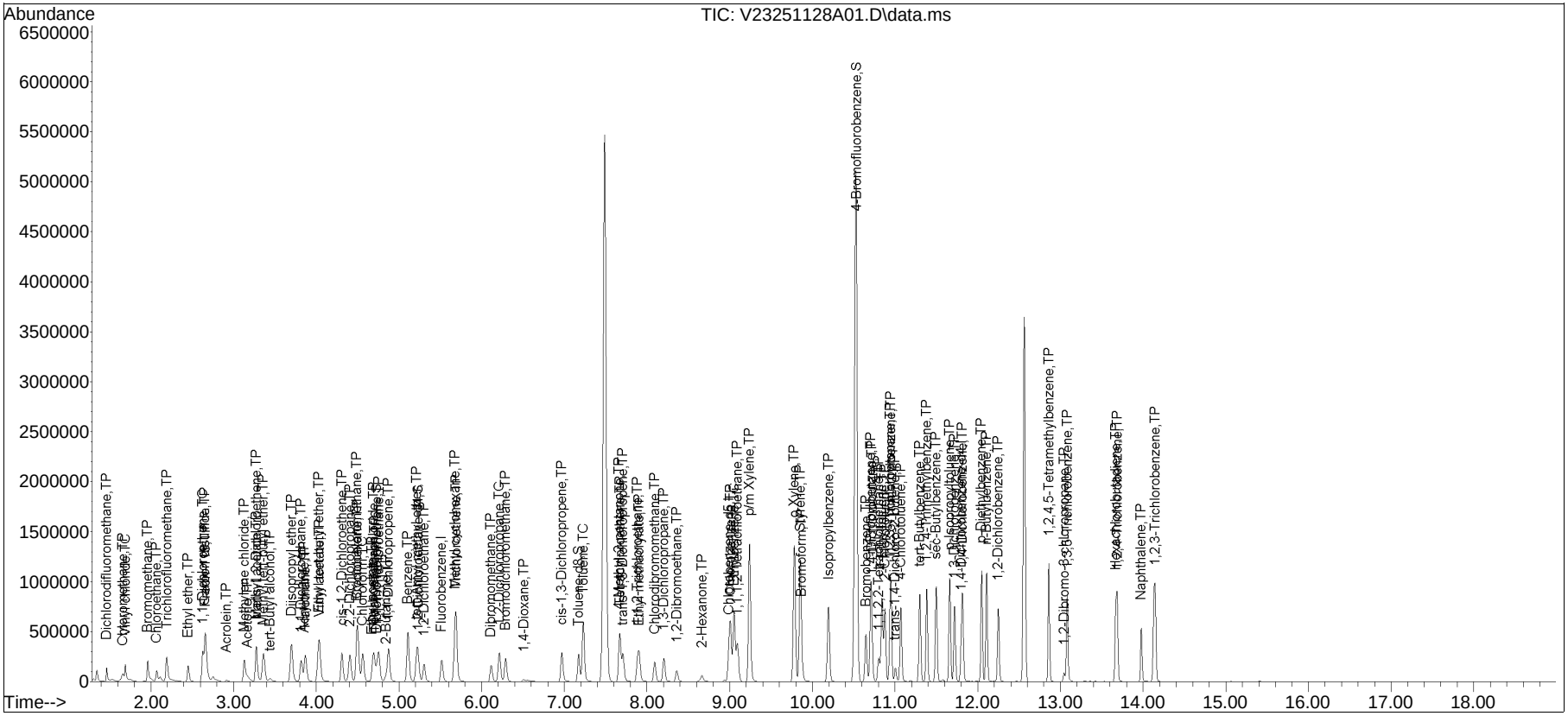
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A01.D
Acq On : 28 Nov 2025 08:16 am
Operator : VOA123:AJK
Sample : WG2148010-2
Misc : WG2148010,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 28 08:39:52 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

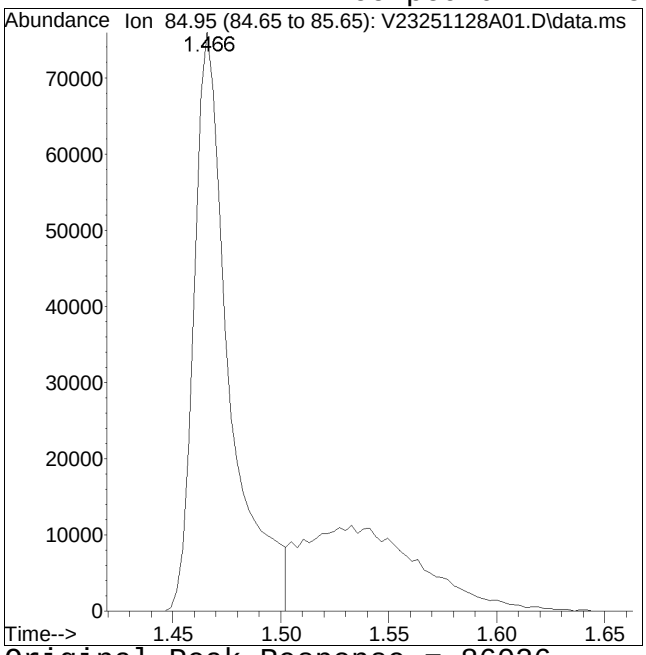
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

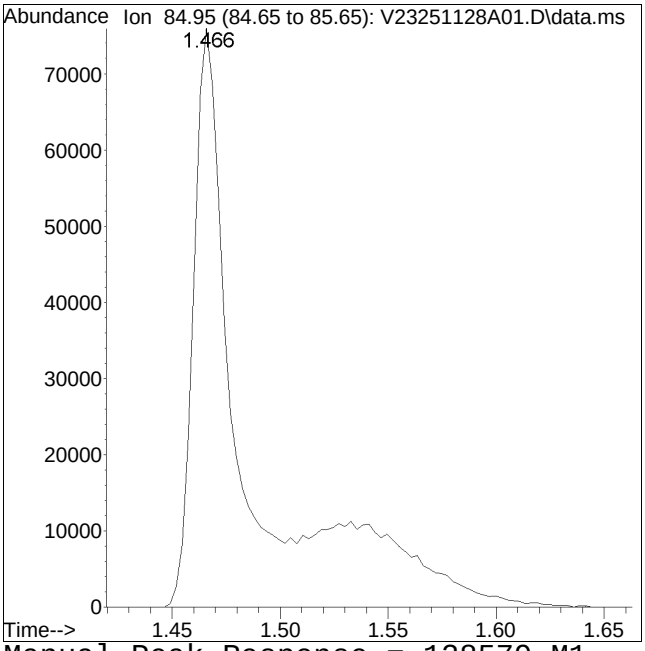


Manual Integration Report

Data Path	: K:\VOA123\2025\251128A\	QMethod	: V123_251103N_8260.m
Data File	: V23251128A01.D	Operator	: VOA123:AJK
Date Inj'd	: 11/28/2025 8:16 am	Instrument	: VOA123
Sample	: WG2148010-2	Quant Date	: 11/28/2025 8:36 am

Compound #2: Dichlorodifluoromethane





Original Peak Response = 86026 Manual Peak Response = 128579 M1

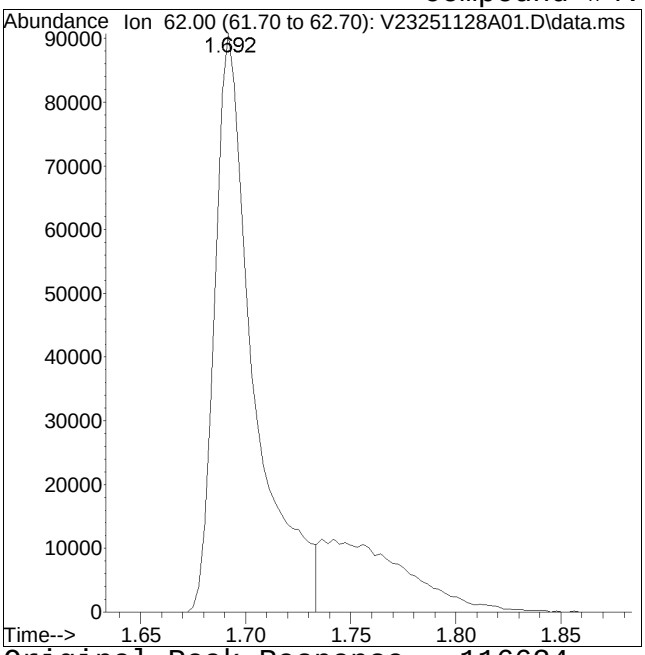
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

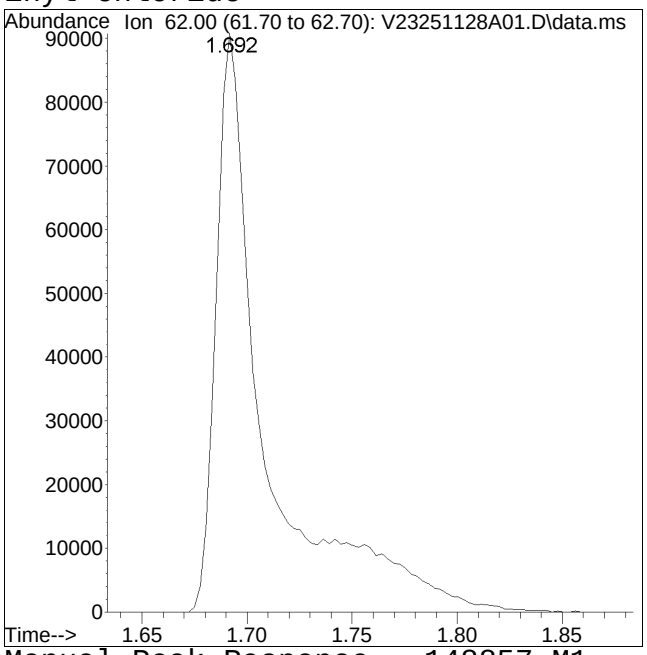
Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A01.D
Date Inj'd : 11/28/2025 8:16 am
Sample : WG2148010-2

QMethod : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/28/2025 8:36 am

Compound #4: Vinyl chloride



Original Peak Response = 116624



Manual Peak Response = 148857 M1

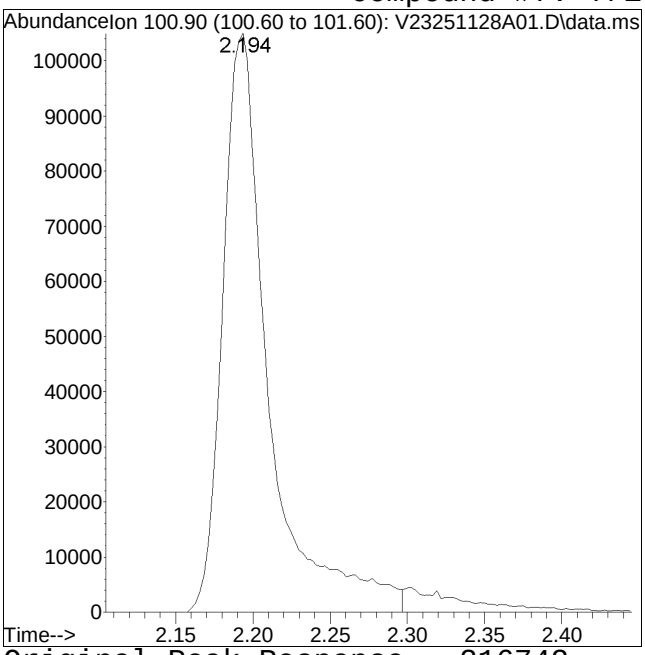
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

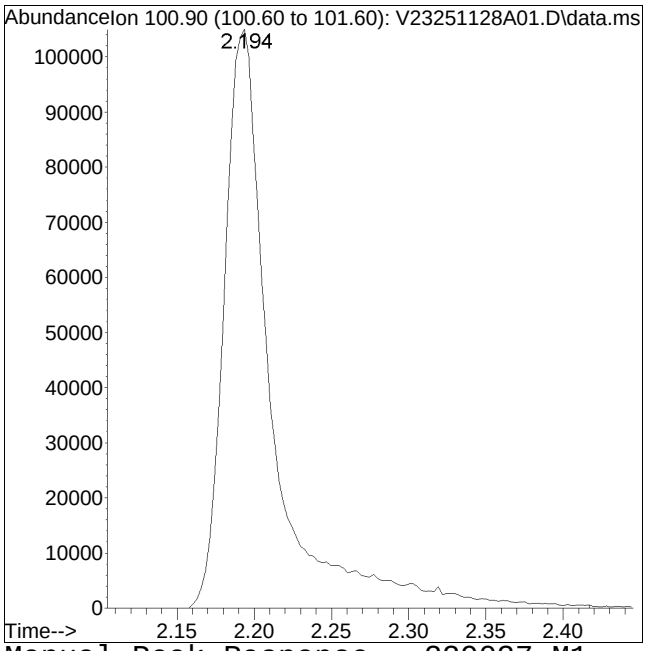
Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A01.D
Date Inj'd : 11/28/2025 8:16 am
Sample : WG2148010-2

QMethod : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/28/2025 8:36 am

Compound #7: Trichlorofluoromethane



Original Peak Response = 216742



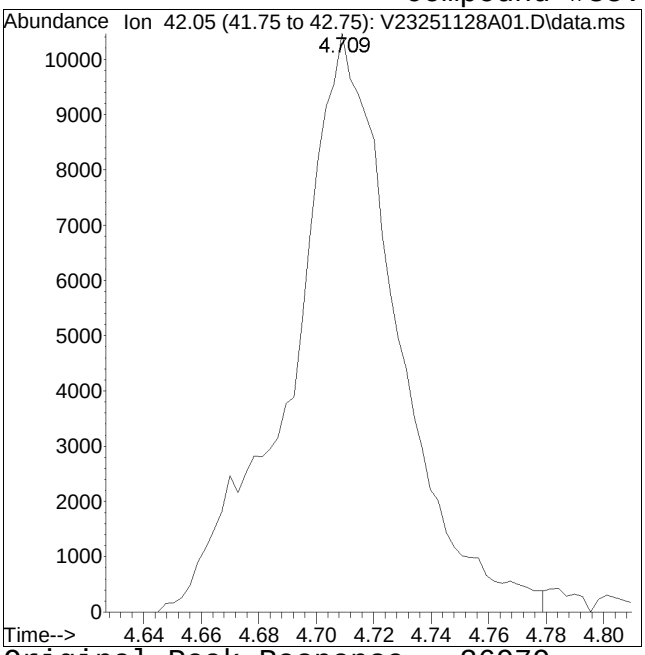
Manual Peak Response = 229037 M1

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

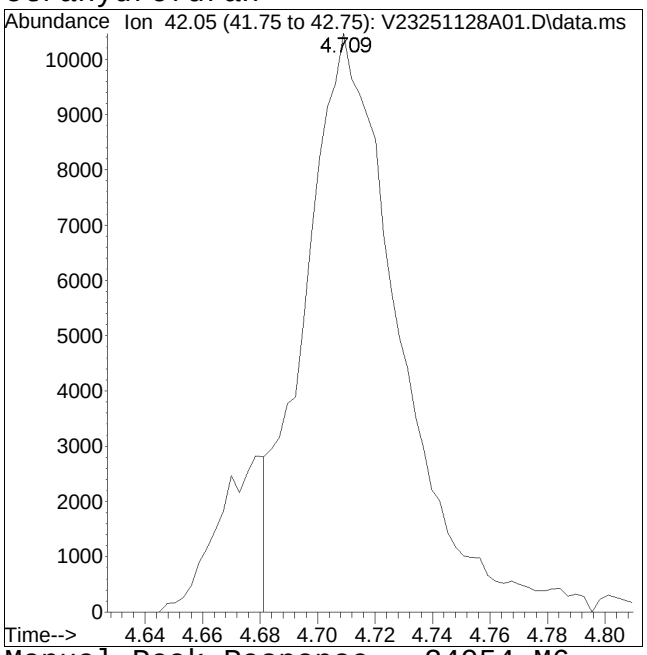
Manual Integration Report

Data Path	: K:\VOA123\2025\251128A\	QMethod	: V123_251103N_8260.m
Data File	: V23251128A01.D	Operator	: VOA123:AJK
Date Inj'd	: 11/28/2025 8:16 am	Instrument	: VOA123
Sample	: WG2148010-2	Quant Date	: 11/28/2025 8:36 am

Compound #35: Tetrahydrofuran



Original Peak Response = 26979



Manual Peak Response = 24054 M6

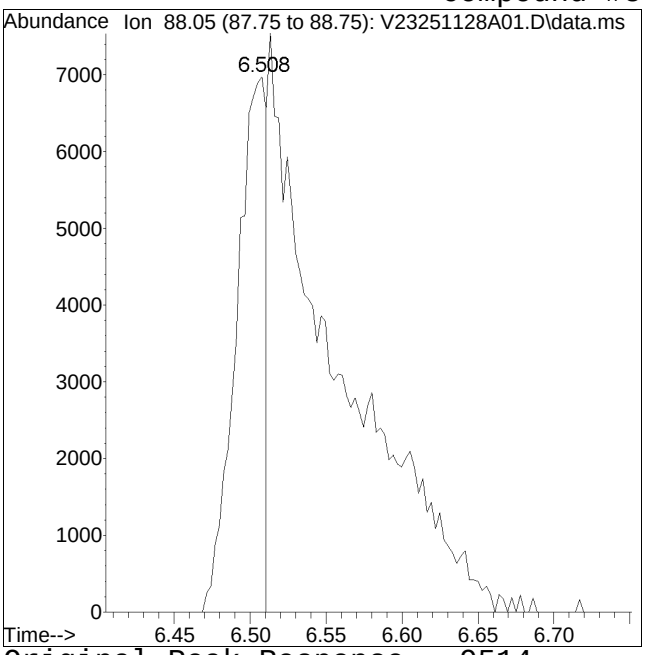
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

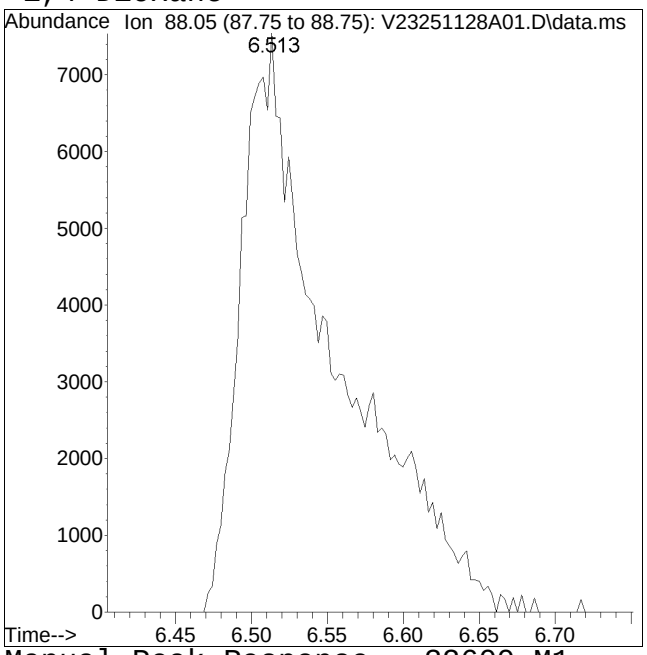
Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A01.D
Date Inj'd : 11/28/2025 8:16 am
Sample : WG2148010-2

QMethod : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/28/2025 8:36 am

Compound #57: 1,4-Dioxane



Original Peak Response = 9514



Manual Peak Response = 32600 M1

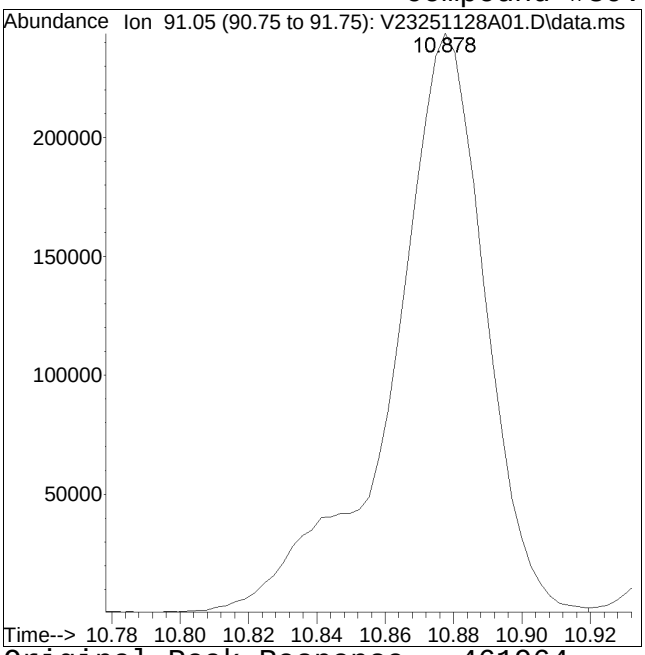
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

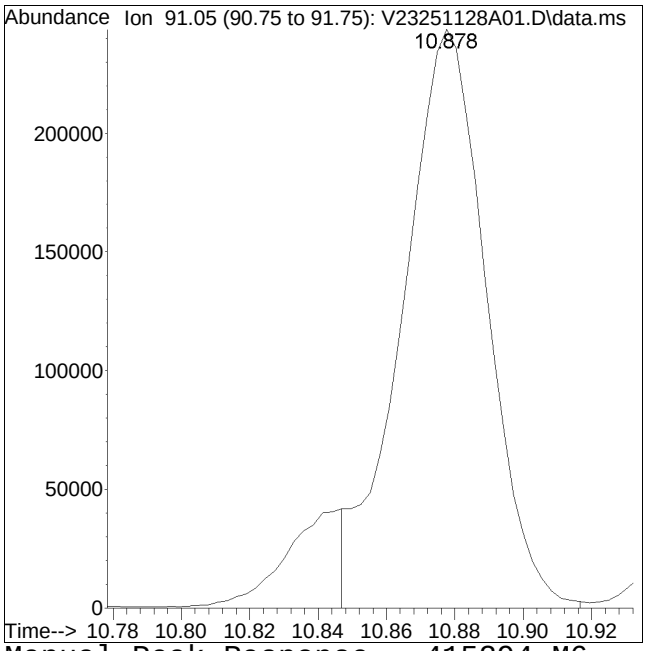
Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A01.D
Date Inj'd : 11/28/2025 8:16 am
Sample : WG2148010-2

QMethod : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/28/2025 8:36 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 461964



Manual Peak Response = 415294 M6

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

Evaluate Continuing Calibration Report

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A02.D
Acq On : 01 Dec 2025 08:50 am
Operator : VOA129:AJK
Sample : WG2148464-2
Misc : WG2148464,ICAL22852
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 09:09:56 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	113	0.00
2	TP	Dichlorodifluoromethane	0.318	0.261	17.9	100	0.00
3	TP	Chloromethane	0.420	0.345	17.9	103	0.00
4	TP	Vinyl chloride	0.324	0.287	11.4	109	0.00
5	TP	Bromomethane	0.213	0.167	21.6#	108	0.00
6	TP	Chloroethane	0.190	0.171	10.0	111	0.00
7	TP	Trichlorofluoromethane	0.426	0.408	4.2	117	0.00
8	TP	Ethyl ether	0.123	0.103	16.3	100	0.00
10	TP	1,1-Dichloroethene	0.209	0.195	6.7	114	0.00
11	TP	Carbon disulfide	0.751	0.678	9.7	110	0.00
12	TP	Freon-113	0.211	0.212	-0.5	117	0.00
14	TP	Acrolein	0.026	0.026	0.0	101	0.00
15	TP	Methylene chloride	0.276	0.220	20.3#	107	0.00
17	TP	Acetone	0.083	0.083	0.0	105	0.00
18	TP	trans-1,2-Dichloroethene	0.236	0.219	7.2	110	0.00
19	TP	Methyl acetate	0.136	0.128	5.9	103	0.00
20	TP	Methyl tert-butyl ether	0.641	0.599	6.6	99	0.00
21	TP	tert-Butyl alcohol	0.026	0.024	7.7	87	0.00
22	TP	Diisopropyl ether	0.935	0.812	13.2	95	0.00
23	TP	1,1-Dichloroethane	0.493	0.426	13.6	102	0.00
24	TP	Halothane	0.174	0.168	3.4	108	0.00
25	TP	Acrylonitrile	0.066	0.064	3.0	98	0.00
26	TP	Ethyl tert-butyl ether	0.795	0.722	9.2	97	0.00
27	TP	Vinyl acetate	0.539	0.522	3.2	102	0.00
28	TP	cis-1,2-Dichloroethene	0.257	0.232	9.7	102	0.00
29	TP	2,2-Dichloropropane	0.396	0.393	0.8	118	0.00
30	TP	Bromochloromethane	0.116	0.110	5.2	100	0.00
31	TP	Cyclohexane	0.459	0.448	2.4	116	0.00
32	TP	Chloroform	0.514	0.437	15.0	100	0.00
33	TP	Ethyl acetate	0.211	0.181	14.2	87	0.00
34	TP	Carbon tetrachloride	* 40.000	36.263	9.3	115	0.00
35	TP	Tetrahydrofuran	0.057	0.066	-15.8	122	0.00
36	S	Dibromofluoromethane	0.249	0.259	-4.0	115	0.00
37	TP	1,1,1-Trichloroethane	0.406	0.407	-0.2	111	0.00
39	TP	2-Butanone	0.096	0.080	16.7	86	0.00
40	TP	1,1-Dichloropropene	0.314	0.323	-2.9	116	0.00
41	TP	Benzene	0.943	0.874	7.3	103	0.00
42	TP	tert-Amyl methyl ether	0.597	0.577	3.4	97	0.00
43	S	1,2-Dichloroethane-d4	0.285	0.306	-7.4	123	0.00

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A02.D
Acq On : 01 Dec 2025 08:50 am
Operator : VOA129:AJK
Sample : WG2148464-2
Misc : WG2148464,ICAL22852
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 09:09:56 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.368	0.335	9.0	98	0.00
47	TP	Methyl cyclohexane	0.394	0.394	0.0	123	0.00
48	TP	Trichloroethene	0.273	0.258	5.5	105	0.00
50	TP	Dibromomethane	0.140	0.128	8.6	94	0.00
51	TP	1,2-Dichloropropane	0.270	0.239	11.5	96	0.00
53	TP	2-Chloroethyl vinyl ether	0.122	0.039	68.0#	31#	0.00
54	TP	Bromodichloromethane	0.358	0.324	9.5	89	0.00
57	TP	1,4-Dioxane	0.00144	0.00161#	-11.8	120	0.00
58	TP	cis-1,3-Dichloropropene	0.370	0.351	5.1	92	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	117	0.00
60	S	Toluene-d8	1.275	1.292	-1.3	117	0.00
61	TP	Toluene	0.848	0.752	11.3	101	0.00
62	TP	4-Methyl-2-pentanone	0.095	0.094	1.1	89	0.00
63	TP	Tetrachloroethene	0.384	0.375	2.3	114	0.00
65	TP	trans-1,3-Dichloropropene	0.450	0.416	7.6	91	0.00
67	TP	Ethyl methacrylate	0.317	0.313	1.3	94	0.00
68	TP	1,1,2-Trichloroethane	0.215	0.194#	9.8	89	0.00
69	TP	Chlorodibromomethane	0.334	0.301	9.9	89	0.00
70	TP	1,3-Dichloropropane	0.449	0.403	10.2	90	0.00
71	TP	1,2-Dibromoethane	0.245	0.231	5.7	93	0.00
72	TP	2-Hexanone	0.185	0.181	2.2	89	0.00
73	TP	Chlorobenzene	0.940	0.838	10.9	95	0.00
74	TP	Ethylbenzene	1.574	1.504	4.4	104	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.351	0.322	8.3	93	0.00
76	TP	p/m Xylene	0.569	0.575	-1.1	103	0.00
77	TP	o Xylene	0.557	0.552	0.9	100	0.00
78	TP	Styrene	0.929	0.929	0.0	96	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	122	0.00
80	TP	Bromoform	0.392	0.340	13.3	91	0.00
82	TP	Isopropylbenzene	2.777	2.645	4.8	108	0.00
83	S	4-Bromofluorobenzene	0.858	0.865	-0.8	122	0.00
84	TP	Bromobenzene	0.755	0.653	13.5	98	0.00
85	TP	n-Propylbenzene	3.336	3.141	5.8	109	0.00
86	TP	1,4-Dichlorobutane	0.980	0.852	13.1	92	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.565	0.484	14.3	89	0.00
88	TP	4-Ethyltoluene	2.725	2.605	4.4	108	0.00
89	TP	2-Chlorotoluene	2.031	2.146	-5.7	122	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A02.D
Acq On : 01 Dec 2025 08:50 am
Operator : VOA129:AJK
Sample : WG2148464-2
Misc : WG2148464,ICAL22852
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 09:09:56 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 TP	1,3,5-Trimethylbenzene	2.414	2.314	4.1	107	0.00
91 TP	1,2,3-Trichloropropane	0.484	0.410	15.3	88	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.202	0.183	9.4	91	0.00
93 TP	4-Chlorotoluene	2.140	1.961	8.4	103	0.00
94 TP	tert-Butylbenzene	2.072	1.967	5.1	109	0.00
97 TP	1,2,4-Trimethylbenzene	2.369	2.234	5.7	105	0.00
98 TP	sec-Butylbenzene	3.047	2.949	3.2	113	0.00
99 TP	p-Isopropyltoluene	2.606	2.595	0.4	113	0.00
100 TP	1,3-Dichlorobenzene	1.477	1.297	12.2	102	0.00
101 TP	1,4-Dichlorobenzene	1.453	1.289	11.3	101	0.00
102 TP	p-Diethylbenzene	1.537	1.528	0.6	114	0.00
103 TP	n-Butylbenzene	2.437	2.420	0.7	115	0.00
104 TP	1,2-Dichlorobenzene	1.337	1.186	11.3	100	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.456	2.304	6.2	108	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.098	0.089	9.2	91	0.00
107 TP	1,3,5-Trichlorobenzene	1.174	1.083	7.8	111	0.00
108 TP	Hexachlorobutadiene	0.621	0.578	6.9	117	0.00
109 TP	1,2,4-Trichlorobenzene	0.981	0.939	4.3	110	0.00
110 TP	Naphthalene	1.727	1.693	2.0	104	0.00
111 TP	1,2,3-Trichlorobenzene	0.893	0.844	5.5	105	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 2 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A02.D
Acq On : 01 Dec 2025 08:50 am
Operator : VOA129:AJK
Sample : WG2148464-2
Misc : WG2148464,ICAL22852
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 09:09:56 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251201A\V29251201A02.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.961	96	308067	20.000	ug/L	0.00
Standard Area 1 = 308067			Recovery = 100.00%			
59) Chlorobenzene-d5	8.792	117	231104	20.000	ug/L	0.00
Standard Area 1 = 231104			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	10.250	152	134547	20.000	ug/L	0.00
Standard Area 1 = 134547			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.028	113	79838	20.843	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.21%			
43) 1,2-Dichloroethane-d4	5.625	65	94120	21.436	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.18%			
60) Toluene-d8	7.592	98	298541	20.264	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.32%			
83) 4-Bromofluorobenzene	9.584	95	116347	20.159	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.79%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.085	85	160976	32.898	ug/L	99
3) Chloromethane	1.232	50	212737	32.907	ug/L	99
4) Vinyl chloride	1.284	62	176994	35.425	ug/L	98
5) Bromomethane	1.525	94	102633	31.304	ug/L	98
6) Chloroethane	1.625	64	105392	35.960	ug/L	99
7) Trichlorofluoromethane	1.740	101	251089	38.274	ug/L	98
8) Ethyl ether	2.013	74	63449	33.588	ug/L	95
10) 1,1-Dichloroethene	2.165	96	120118	37.304	ug/L	82
11) Carbon disulfide	2.170	76	417464	36.067	ug/L	96
12) Freon-113	2.212	101	130720	40.233	ug/L	94
14) Acrolein	2.480	56	15780	38.818	ug/L	100
15) Methylene chloride	2.726	84	135639	31.947	ug/L	91
17) Acetone	2.799	43	51088	39.742	ug/L	93
18) trans-1,2-Dichloroethene	2.899	96	134904	37.064	ug/L	86
19) Methyl acetate	2.957	43	79071	37.875	ug/L #	97
20) Methyl tert-butyl ether	3.067	73	369158	37.391	ug/L	95
21) tert-Butyl alcohol	3.261	59	74399	187.783	ug/L #	70
22) Diisopropyl ether	3.575	45	500315	34.743	ug/L	93
23) 1,1-Dichloroethane	3.644	63	262711	34.563	ug/L	98
24) Halothane	3.822	117	103357	38.506	ug/L	99
25) Acrylonitrile	3.722	53	39676	38.774	ug/L	96

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A02.D
Acq On : 01 Dec 2025 08:50 am
Operator : VOA129:AJK
Sample : WG2148464-2
Misc : WG2148464,ICAL22852
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 09:09:56 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251201A\V29251201A02.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.100	59	444731	36.306	ug/L		89
27) Vinyl acetate	4.084	43	321557	38.730	ug/L		99
28) cis-1,2-Dichloroethene	4.414	96	142708	36.032	ug/L	#	79
29) 2,2-Dichloropropane	4.545	77	242186	39.678	ug/L		97
30) Bromochloromethane	4.666	128	67621	37.877	ug/L	#	67
31) Cyclohexane	4.650	56	276173	39.093	ug/L		86
32) Chloroform	4.813	83	269350	34.032	ug/L		97
33) Ethyl acetate	5.033	43	111412	34.325	ug/L	#	96
34) Carbon tetrachloride	4.933	117	223251	36.263	ug/L		97
35) Tetrahydrofuran	4.991	42	40381	45.735	ug/L	#	87
37) 1,1,1-Trichloroethane	5.017	97	250662	40.112	ug/L	#	98
39) 2-Butanone	5.206	43	49113	33.099	ug/L	#	37
40) 1,1-Dichloropropene	5.175	75	199162	41.199	ug/L		98
41) Benzene	5.468	78	538651	37.097	ug/L		96
42) tert-Amyl methyl ether	5.683	73	355534	38.666	ug/L		98
44) 1,2-Dichloroethane	5.704	62	206479	36.472	ug/L		99
47) Methyl cyclohexane	6.118	83	243054	40.026	ug/L		88
48) Trichloroethene	6.144	95	159034	37.864	ug/L		97
50) Dibromomethane	6.574	93	79021	36.650	ug/L		88
51) 1,2-Dichloropropane	6.685	63	147552	35.480	ug/L		98
53) 2-Chloroethyl vinyl ether	7.403	63	24032	12.737	ug/L		98
54) Bromodichloromethane	6.784	83	199416	36.200	ug/L		98
57) 1,4-Dioxane	6.999	88	49583	2230.718	ug/L	#	84
58) cis-1,3-Dichloropropene	7.424	75	216562	37.967	ug/L		98
61) Toluene	7.639	92	347419	35.453	ug/L		96
62) 4-Methyl-2-pentanone	7.990	58	43591	39.644	ug/L	#	86
63) Tetrachloroethene	7.959	166	173373	39.108	ug/L		90
65) trans-1,3-Dichloropropene	8.011	75	192157	36.932	ug/L		99
67) Ethyl methacrylate	8.174	69	144710	39.495	ug/L		100
68) 1,1,2-Trichloroethane	8.132	83	89459	35.980	ug/L		94
69) Chlorodibromomethane	8.257	129	138977	36.022	ug/L		96
70) 1,3-Dichloropropane	8.326	76	186385	35.891	ug/L		98
71) 1,2-Dibromoethane	8.415	107	106739	37.719	ug/L		100
72) 2-Hexanone	8.624	43	83447	38.960	ug/L		97
73) Chlorobenzene	8.803	112	387346	35.658	ug/L		93
74) Ethylbenzene	8.834	91	695146	38.214	ug/L		100
75) 1,1,1,2-Tetrachloroethane	8.855	131	148818	36.708	ug/L		97
76) p/m Xylene	8.939	106	531288	80.851	ug/L		99
77) o Xylene	9.212	106	510535	79.273	ug/L		95
78) Styrene	9.248	104	859239	80.018	ug/L		93

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A02.D
Acq On : 01 Dec 2025 08:50 am
Operator : VOA129:AJK
Sample : WG2148464-2
Misc : WG2148464,ICAL22852
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 09:09:56 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251201A\V29251201A02.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.259	173	91597	34.721	ug/L	97
82) Isopropylbenzene	9.416	105	711674	38.099	ug/L	97
84) Bromobenzene	9.642	156	175756	34.611	ug/L	96
85) n-Propylbenzene	9.673	91	845116	37.653	ug/L	96
86) 1,4-Dichlorobutane	9.673	55	229365	34.805	ug/L	98
87) 1,1,2,2-Tetrachloroethane	9.715	83	130365	34.287	ug/L	98
88) 4-Ethyltoluene	9.741	105	701096	38.248	ug/L	98
89) 2-Chlorotoluene	9.757	91	577549	42.268	ug/L	96
90) 1,3,5-Trimethylbenzene	9.794	105	622589	38.343	ug/L	93
91) 1,2,3-Trichloropropane	9.788	75	110430	33.943	ug/L	98
92) trans-1,4-Dichloro-2-b...	9.820	53	49165	36.235	ug/L	92
93) 4-Chlorotoluene	9.857	91	527677	36.659	ug/L	95
94) tert-Butylbenzene	9.977	119	529428	37.985	ug/L	95
97) 1,2,4-Trimethylbenzene	10.019	105	601235	37.724	ug/L	95
98) sec-Butylbenzene	10.082	105	793607	38.714	ug/L	98
99) p-Isopropyltoluene	10.166	119	698287	39.830	ug/L	97
100) 1,3-Dichlorobenzene	10.203	146	349027	35.127	ug/L	98
101) 1,4-Dichlorobenzene	10.255	146	346859	35.494	ug/L	98
102) p-Diethylbenzene	10.376	119	411061	39.762	ug/L	93
103) n-Butylbenzene	10.407	91	651183	39.715	ug/L	99
104) 1,2-Dichlorobenzene	10.496	146	319253	35.486	ug/L	97
105) 1,2,4,5-Tetramethylben...	10.832	119	620019	37.528	ug/L	98
106) 1,2-Dibromo-3-chloropr...	10.952	155	23990	36.515	ug/L	91
107) 1,3,5-Trichlorobenzene	10.973	180	291464	36.913	ug/L	94
108) Hexachlorobutadiene	11.319	225	155550	37.241	ug/L	97
109) 1,2,4-Trichlorobenzene	11.335	180	252623	38.294	ug/L	99
110) Naphthalene	11.513	128	455582	39.224	ug/L	100
111) 1,2,3-Trichlorobenzene	11.618	180	227184	37.816	ug/L	99

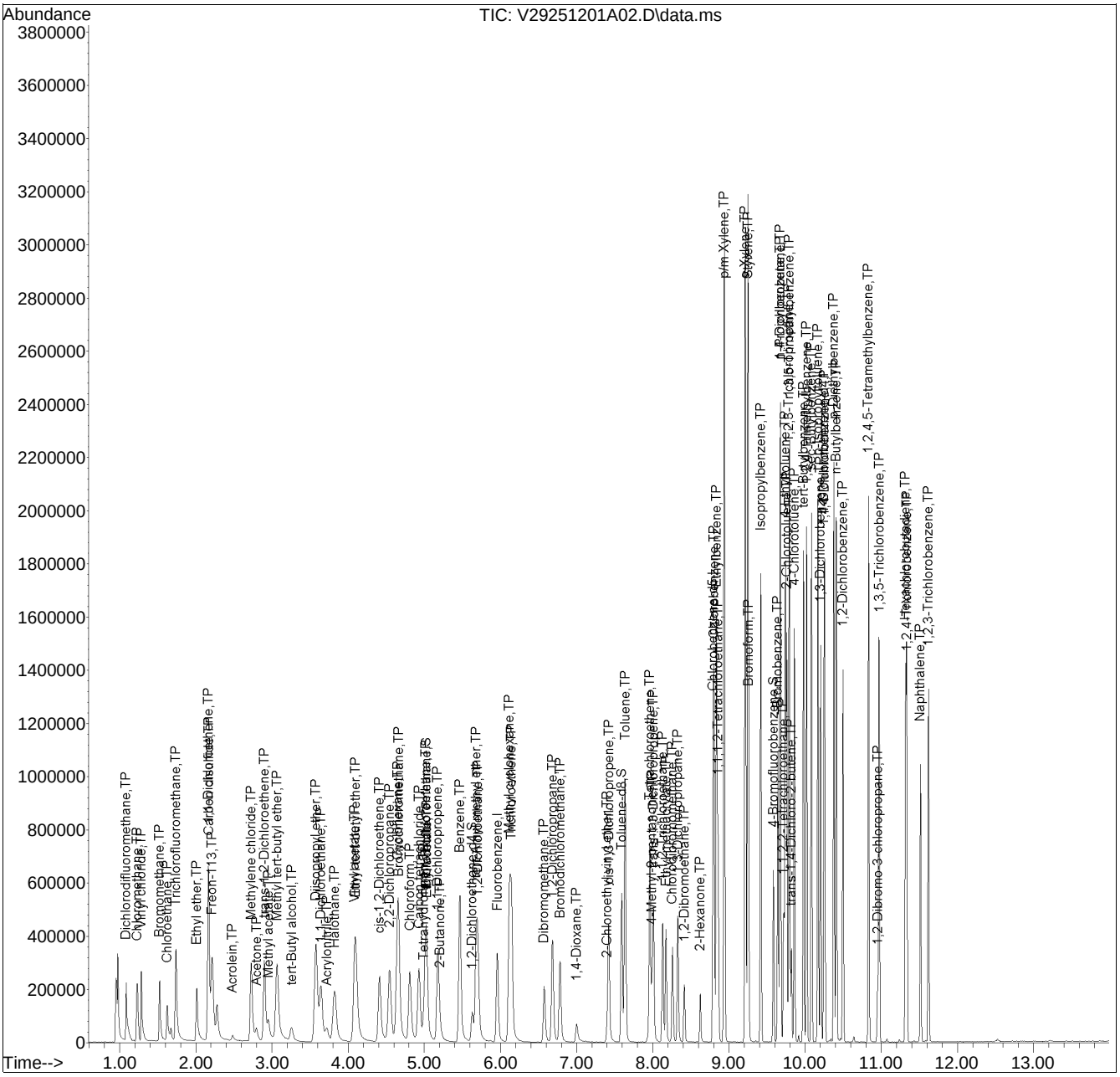
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A02.D
Acq On : 01 Dec 2025 08:50 am
Operator : VOA129:AJK
Sample : WG2148464-2
Misc : WG2148464,ICAL22852
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 09:09:56 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox01A02.D•



Manual Integration Report

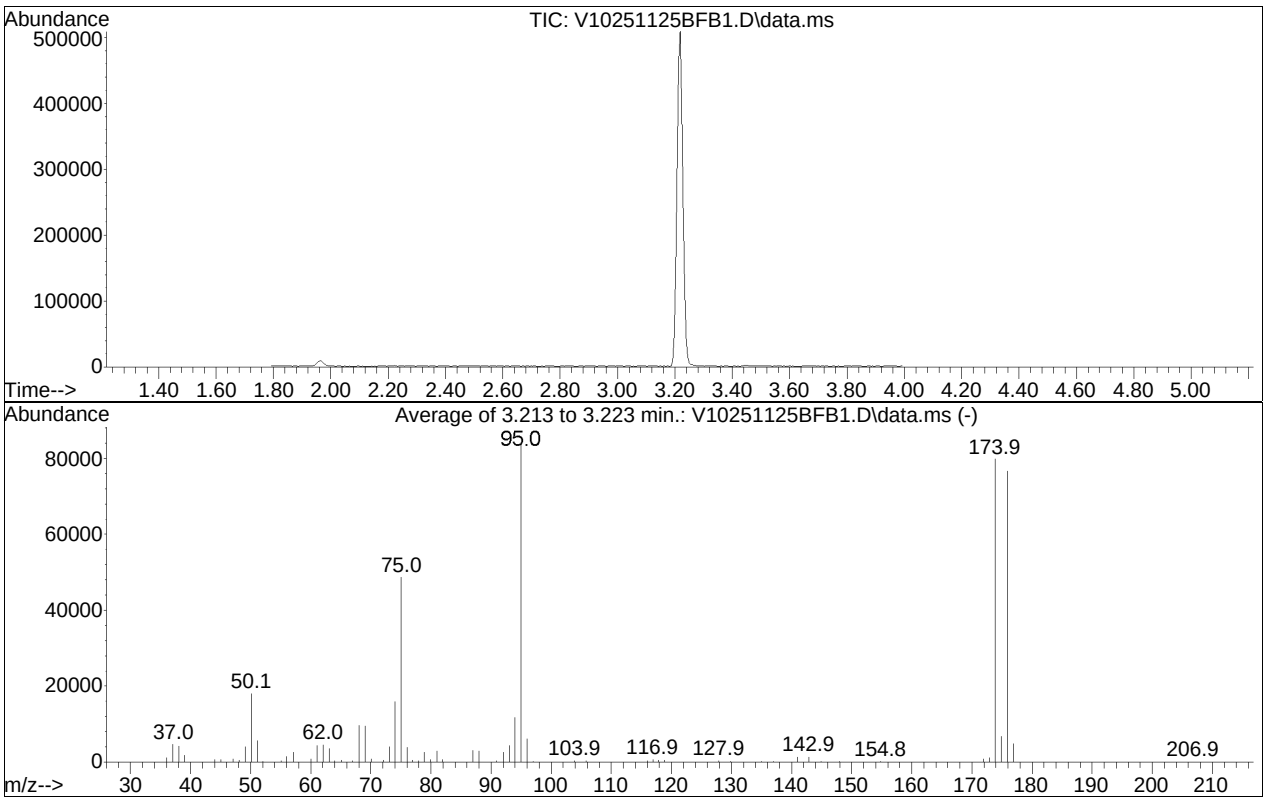
Data Path	: K:\VOA129\2025\251201A\	QMethod	: V129_251125N_8260.m
Data File	: V29251201A02.D	Operator	: VOA129:AJK
Date Inj'd	: 12/1/2025 8:50 am	Instrument	: VOA 129
Sample	: WG2148464-2	Quant Date	: 12/1/2025 9:09 am

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

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125BFB1.D
Acq On : 25 Nov 2025 1:38 pm
Operator : VOA110:AJK
Sample : WG2147004-1
Misc : WG2147004,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Sep 16 09:46:52 2025



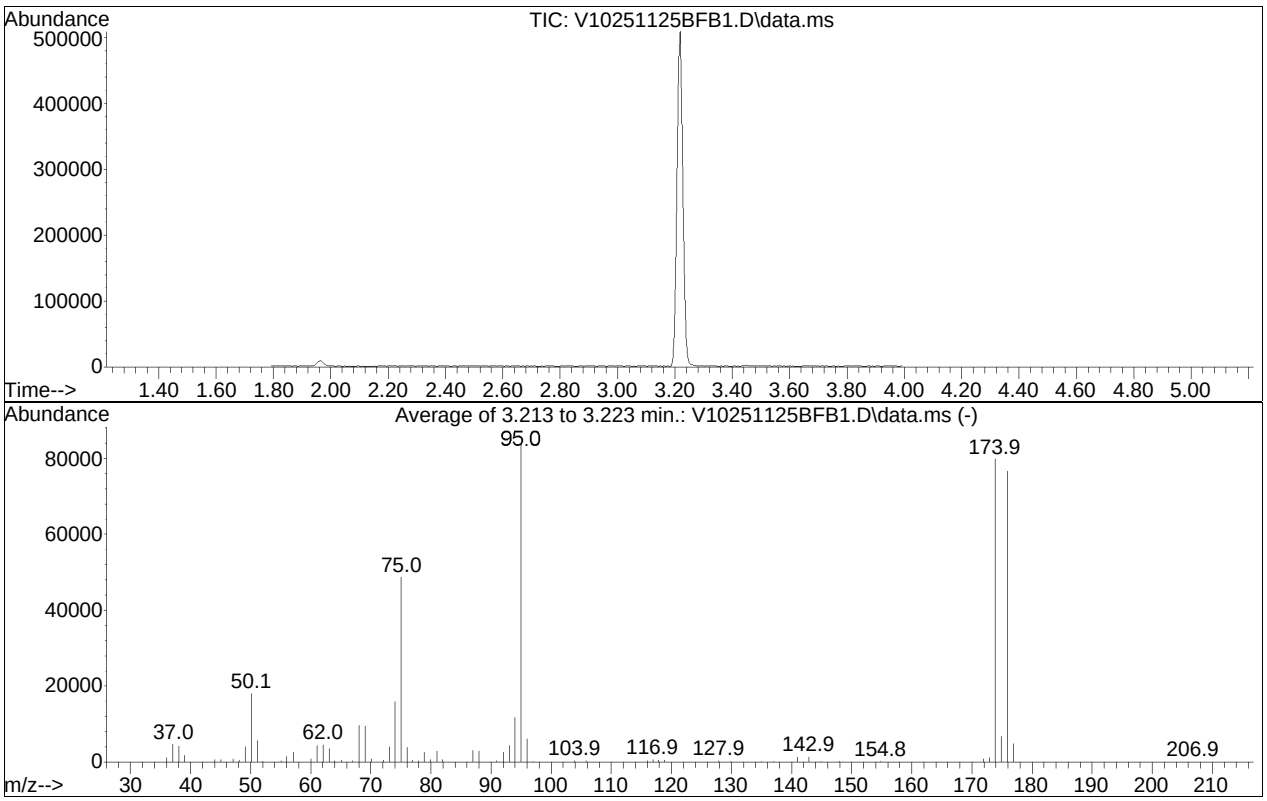
Spectrum Information: Average of 3.213 to 3.223 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.4	17992	PASS
75	95	30	60	57.9	48741	PASS
95	95	100	100	100.0	84144	PASS
96	95	5	9	7.3	6119	PASS
173	174	0.00	2	1.4	1141	PASS
174	95	50	100	94.9	79877	PASS
175	174	5	9	8.4	6713	PASS
176	174	95	101	96.0	76643	PASS
177	176	5	9	6.3	4828	PASS

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125BFB1.D
Acq On : 25 Nov 2025 1:38 pm
Operator : VOA110:AJK
Sample : WG2147003-1
Misc : WG2147003,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Sep 16 09:46:52 2025



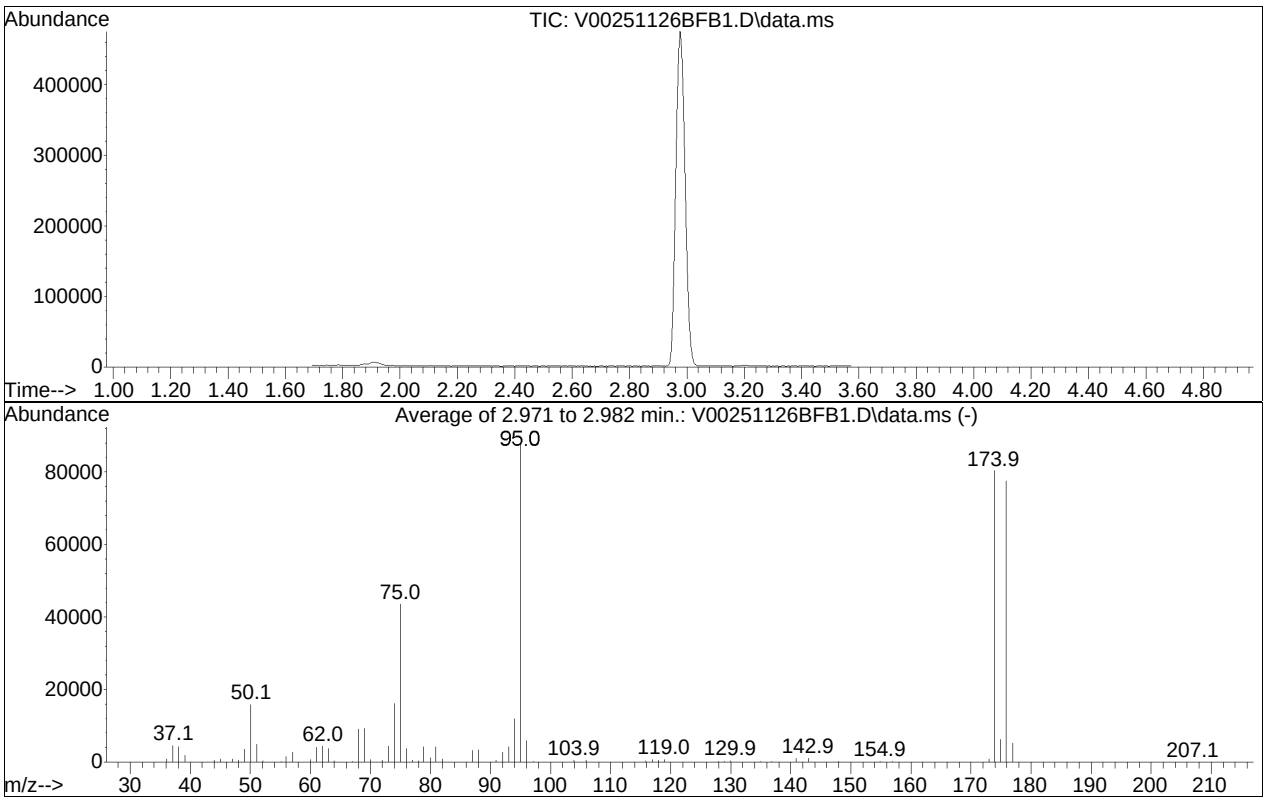
Spectrum Information: Average of 3.213 to 3.223 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.4	17992	PASS
75	95	30	60	57.9	48741	PASS
95	95	100	100	100.0	84144	PASS
96	95	5	9	7.3	6119	PASS
173	174	0.00	2	1.4	1141	PASS
174	95	50	100	94.9	79877	PASS
175	174	5	9	8.4	6713	PASS
176	174	95	101	96.0	76643	PASS
177	176	5	9	6.3	4828	PASS

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126BFB1.D
Acq On : 26 Nov 2025 06:12 am
Operator : VOA100:MNF
Sample : WG2146952-1
Misc : WG2146952,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Oct 27 09:00:40 2025



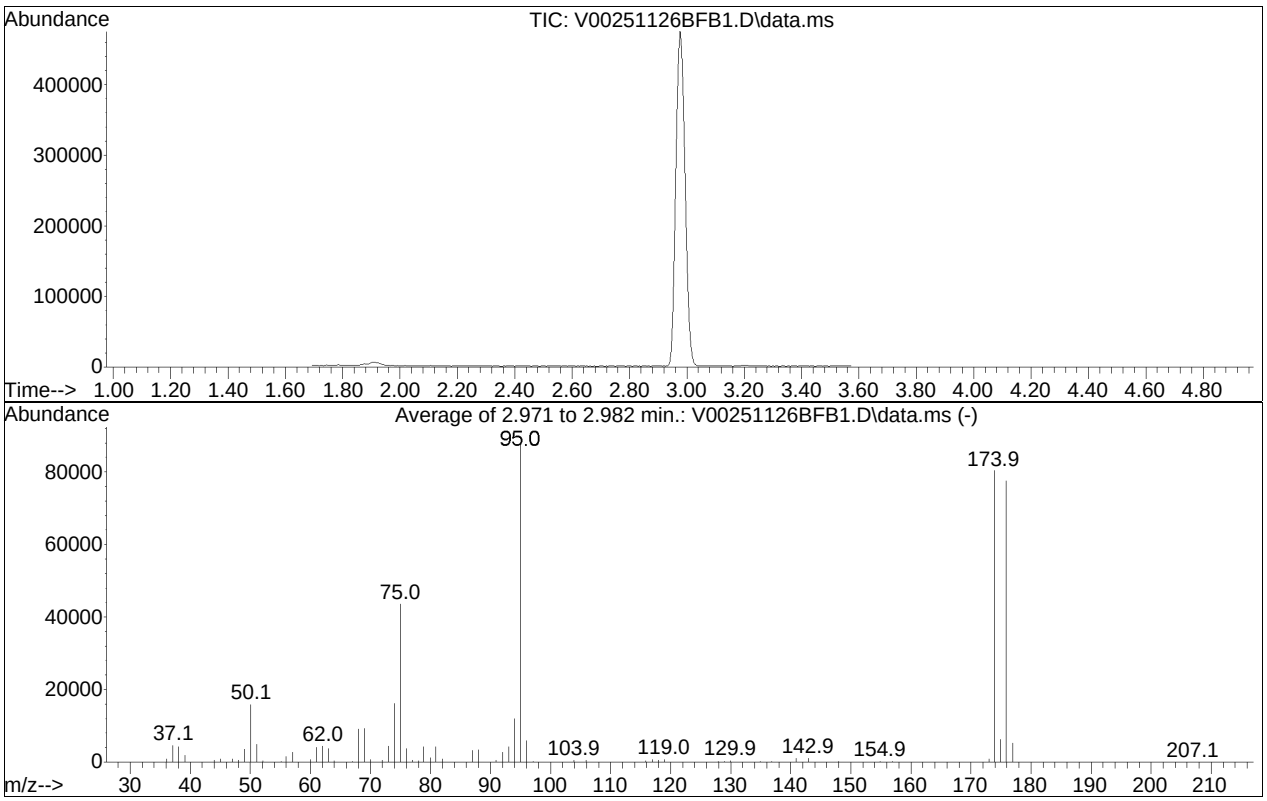
AutoFind: Scans 245, 246, 247; Background Corrected with Scan 235

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.1	15940	PASS
75	95	30	60	49.5	43589	PASS
95	95	100	100	100.0	88093	PASS
96	95	5	9	6.7	5931	PASS
173	174	0.00	2	1.0	843	PASS
174	95	50	100	91.3	80392	PASS
175	174	5	9	7.9	6319	PASS
176	174	95	101	96.6	77672	PASS
177	176	5	9	6.7	5225	PASS

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126BFB1.D
Acq On : 26 Nov 2025 06:12 am
Operator : VOA100:MNF
Sample : WG2146922-1
Misc : WG2146922,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Oct 27 09:00:40 2025



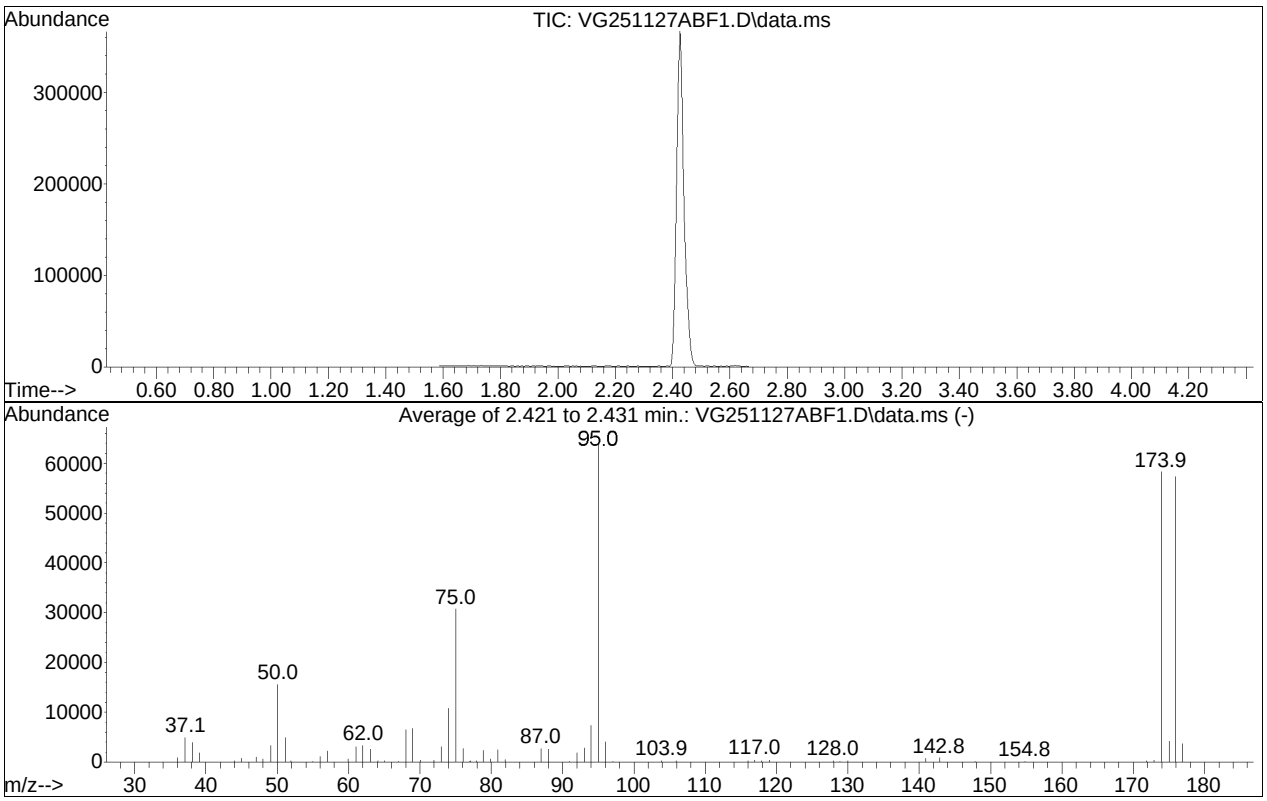
AutoFind: Scans 245, 246, 247; Background Corrected with Scan 235

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.1	15940	PASS
75	95	30	60	49.5	43589	PASS
95	95	100	100	100.0	88093	PASS
96	95	5	9	6.7	5931	PASS
173	174	0.00	2	1.0	843	PASS
174	95	50	100	91.3	80392	PASS
175	174	5	9	7.9	6319	PASS
176	174	95	101	96.6	77672	PASS
177	176	5	9	6.7	5225	PASS

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127ABF1.D
Acq On : 27 Nov 2025 3:56 am
Operator : GONZO:PID
Sample : WG2147438-1
Misc : WG2147438,ICAL22763
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Sun Oct 26 12:35:39 2025



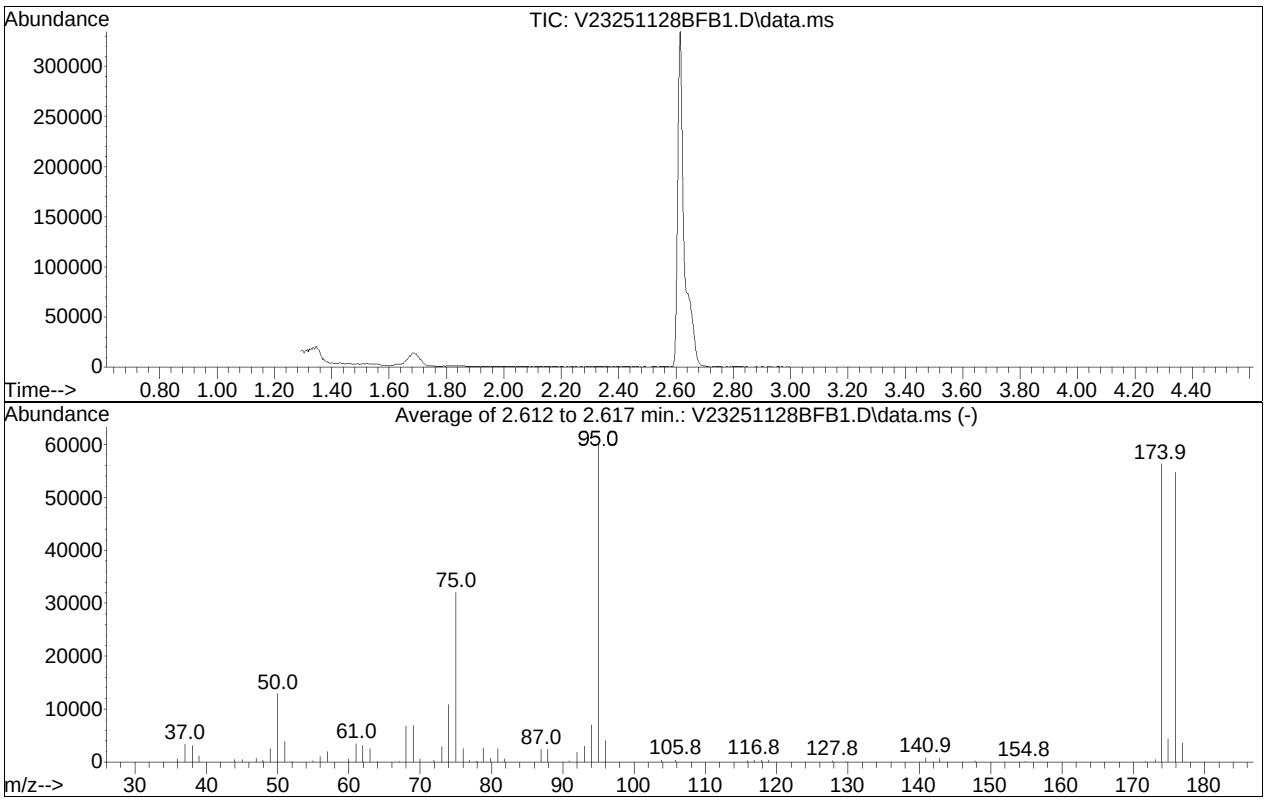
AutoFind: Scans 160, 161, 162; Background Corrected with Scan 152

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.4	15635	PASS
75	95	30	60	48.0	30771	PASS
95	95	100	100	100.0	64149	PASS
96	95	5	9	6.4	4135	PASS
173	174	0.00	2	0.7	394	PASS
174	95	50	100	90.9	58301	PASS
175	174	5	9	7.3	4277	PASS
176	174	95	101	98.3	57315	PASS
177	176	5	9	6.5	3700	PASS

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128BFB1.D
Acq On : 28 Nov 2025 07:48 am
Operator : VOA123:AJK
Sample : WG2148010-1
Misc : WG2148010,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025



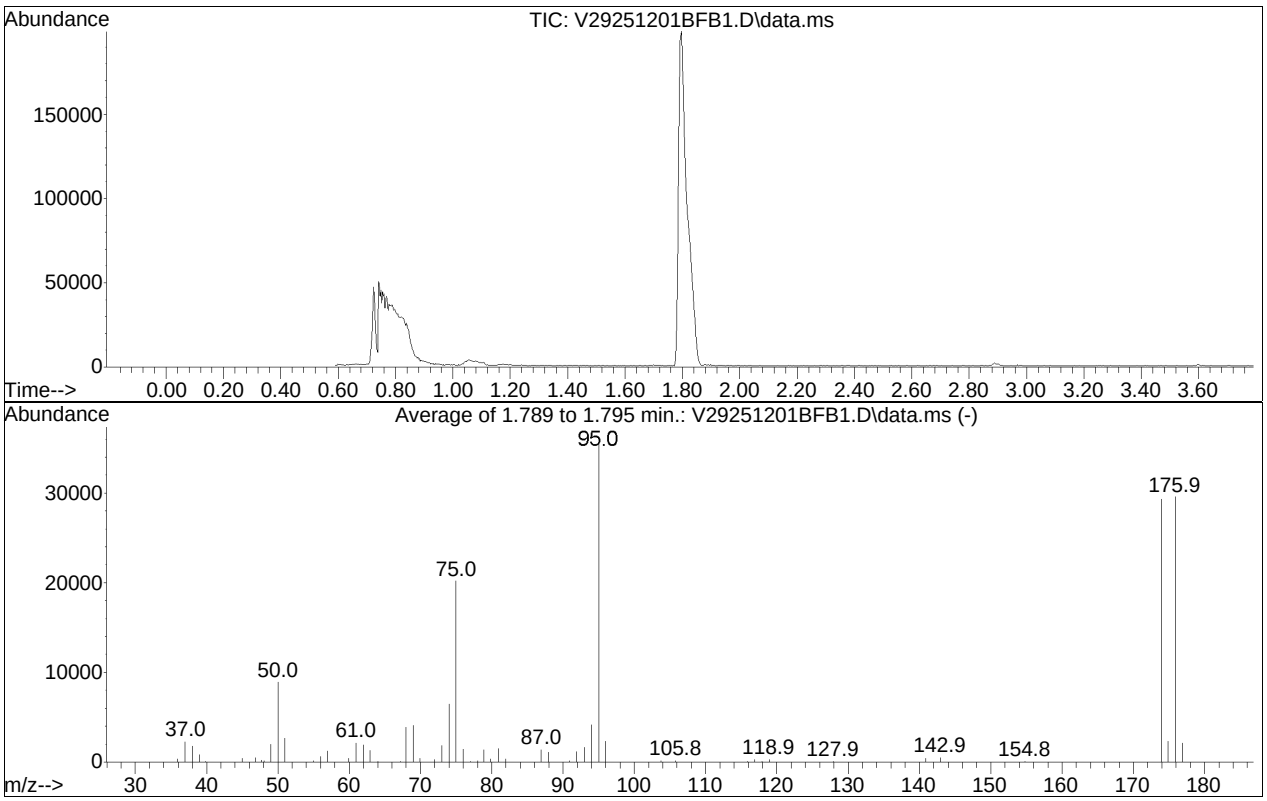
Spectrum Information: Average of 2.612 to 2.617 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.3	12877	PASS
75	95	30	60	53.2	32072	PASS
95	95	100	100	100.0	60323	PASS
96	95	5	9	6.7	4068	PASS
173	174	0.00	2	0.9	523	PASS
174	95	50	100	93.5	56379	PASS
175	174	5	9	7.9	4467	PASS
176	174	95	101	97.1	54771	PASS
177	176	5	9	6.5	3542	PASS

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201BFB1.D
Acq On : 01 Dec 2025 08:11 am
Operator : VOA129:AJK
Sample : WG2148464-1
Misc : WG2148464,ICAL22852
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Nov 26 08:40:00 2025



Spectrum Information: Average of 1.789 to 1.795 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.0	8899	PASS
75	95	30	60	56.7	20203	PASS
95	95	100	100	100.0	35616	PASS
96	95	5	9	6.6	2350	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	82.4	29357	PASS
175	174	5	9	7.9	2315	PASS
176	174	95	101	100.8	29600	PASS
177	176	5	9	7.1	2108	PASS

Volatiles Raw QC Data

Quantitation Report (LSC Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C04.D
Acq On : 25 Nov 2025 3:22 pm
Operator : VOA110:AJK
Sample : WG2147004-5,31h,15,15,0.1
Misc : WG2147004,ICAL22640
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 25 15:46:25 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.243	96	190909	20.000	ug/L	0.00
Standard Area 1 = 204110			Recovery = 93.53%			
59) Chlorobenzene-d5	9.803	117	142655	20.000	ug/L	0.00
Standard Area 1 = 167631			Recovery = 85.10%			
79) 1,4-Dichlorobenzene-d4	12.461	152	78088	20.000	ug/L	0.00
Standard Area 1 = 107503			Recovery = 72.64%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.414	113	55363	21.567	ug/L	-0.01
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.83%			
43) 1,2-Dichloroethane-d4	5.960	65	67509	25.748	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 128.74%			
60) Toluene-d8	7.947	98	178783	20.315	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.58%			
83) 4-Bromofluorobenzene	11.266	95	63540	19.405	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.03%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D. d		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.352	94	2217	0.821	ug/L	90
6) Chloroethane	0.000		0	N.D. d		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	3.233	96	52	N.D.		
11) Carbon disulfide	3.128	76	257	N.D.		
15) Methylene chloride	3.679	84	1134	0.431	ug/L #	39
17) Acetone	3.758	43	9569	8.402	ug/L #	27
18) trans-1,2-Dichloroethene	3.710	96	52	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	5.241	83	5271	1.222	ug/L #	93

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C04.D
Acq On : 25 Nov 2025 3:22 pm
Operator : VOA110:AJK
Sample : WG2147004-5,31h,15,15,0.1
Misc : WG2147004,ICAL22640
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 25 15:46:25 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	d
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	6.290	95	216		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	7.040	83	50		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	d
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	0.000		0		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.951	105	49		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.260	91	53		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C04.D
Acq On : 25 Nov 2025 3:22 pm
Operator : VOA110:AJK
Sample : WG2147004-5,31h,15,15,0.1
Misc : WG2147004,ICAL22640
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 25 15:46:25 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	12.057	105	55	N.D.		
98)	sec-Butylbenzene	12.057	105	55	N.D.		
99)	p-Isopropyltoluene	12.293	119	55	N.D.		
100)	1,3-Dichlorobenzene	12.477	146	71	N.D.		
101)	1,4-Dichlorobenzene	12.477	146	71	N.D.		
102)	p-Diethylbenzene	0.000		0	N.D.		
103)	n-Butylbenzene	0.000		0	N.D.		
104)	1,2-Dichlorobenzene	0.000		0	N.D.		
105)	1,2,4,5-Tetramethylben...	13.468	119	56	N.D.		
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108)	Hexachlorobutadiene	14.265	225	56	N.D.		
109)	1,2,4-Trichlorobenzene	14.307	180	120	N.D.		
110)	Naphthalene	14.590	128	1031	0.113	ug/L	100
111)	1,2,3-Trichlorobenzene	14.757	180	193	N.D.		

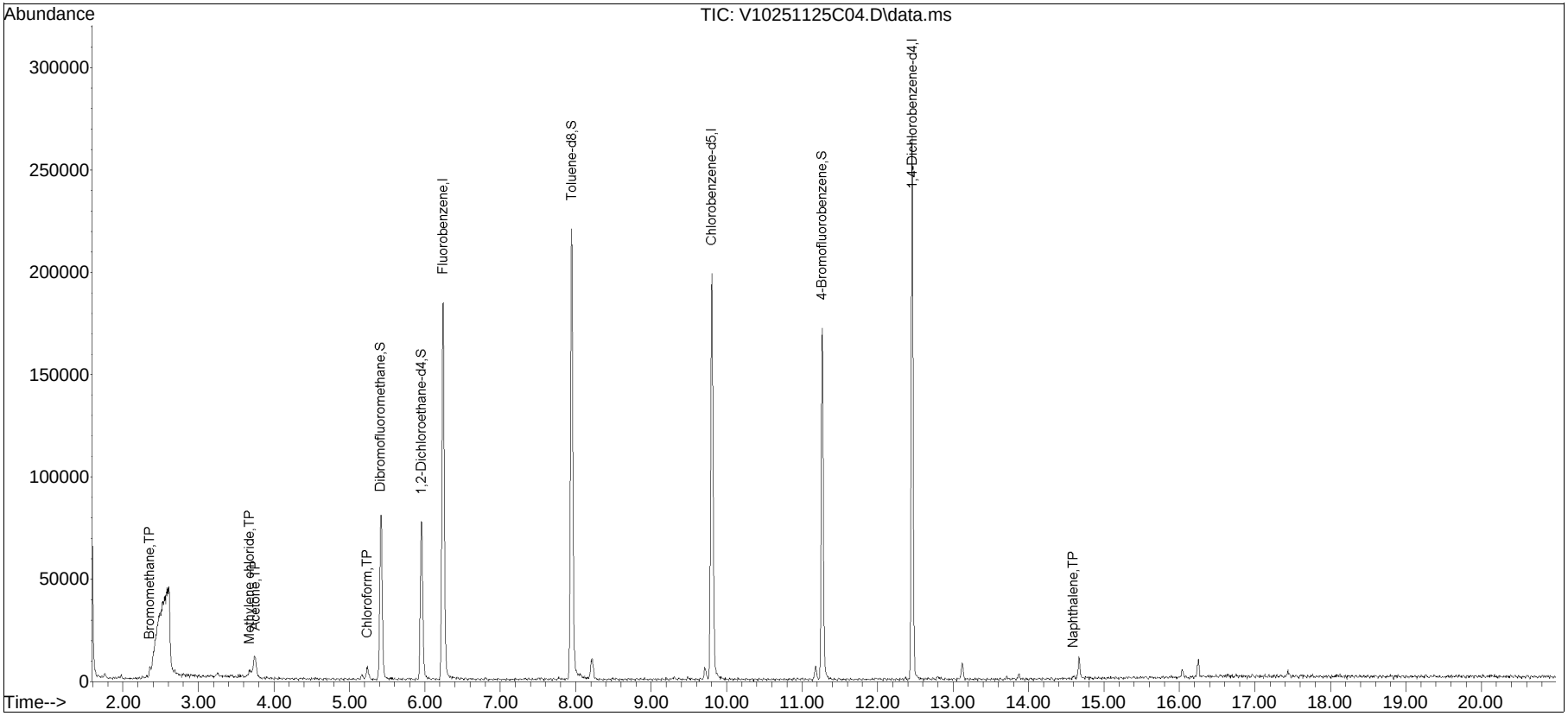
(#) = qualifier out of range (m) = manual integration (+) = signals summed

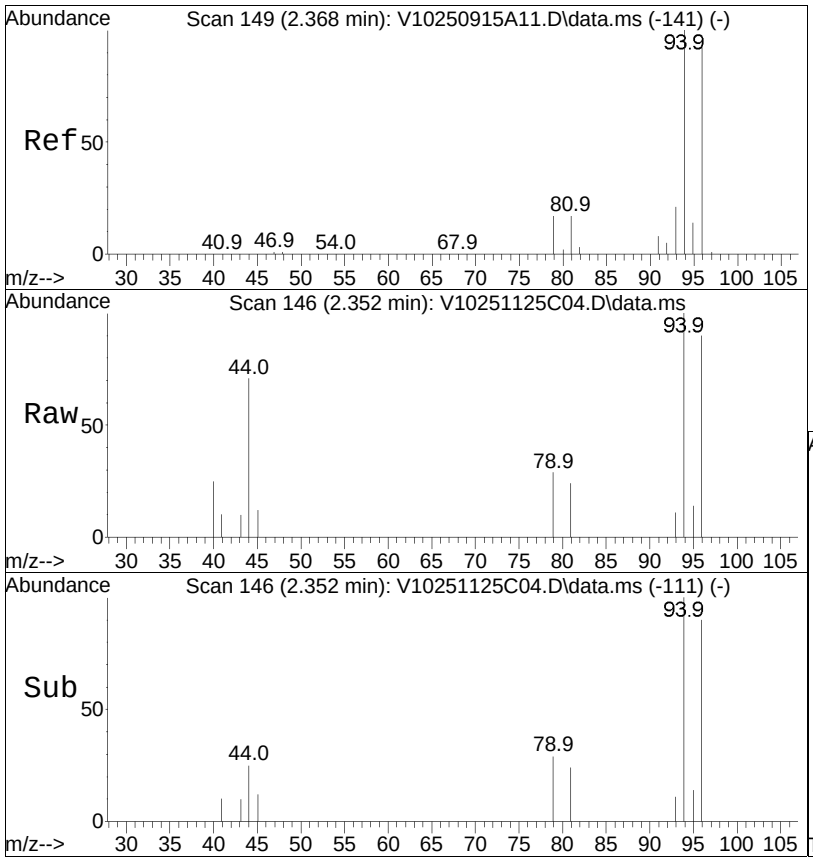
Quantitation Report (LSC Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C04.D
Acq On : 25 Nov 2025 3:22 pm
Operator : VOA110:AJK
Sample : WG2147004-5,31h,15,15,0.1
Misc : WG2147004,ICAL22640
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 25 15:46:25 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

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

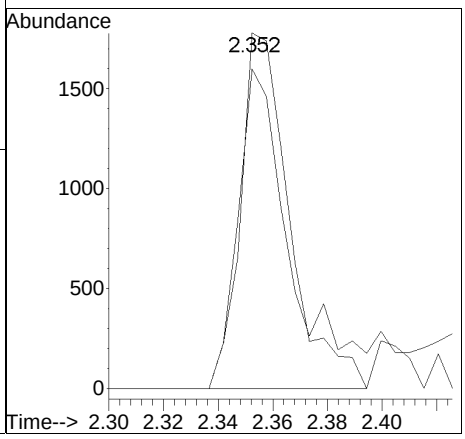


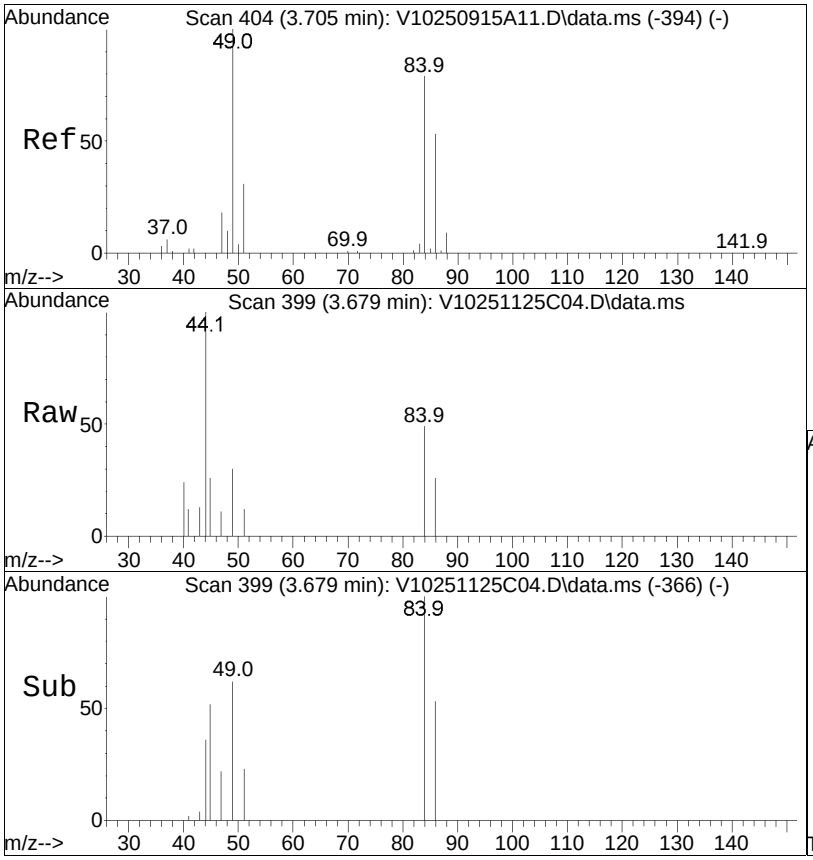


#5
Bromomethane
Concen: 0.82 ug/L
RT: 2.352 min Scan# 146
Delta R.T. -0.016 min
Lab File: V10251125C04.D
Acq: 25 Nov 2025 3:22 pm

Tgt Ion: 94 Resp: 2217

Ion	Ratio	Lower	Upper
94	100		
96	96.8	67.4	107.4

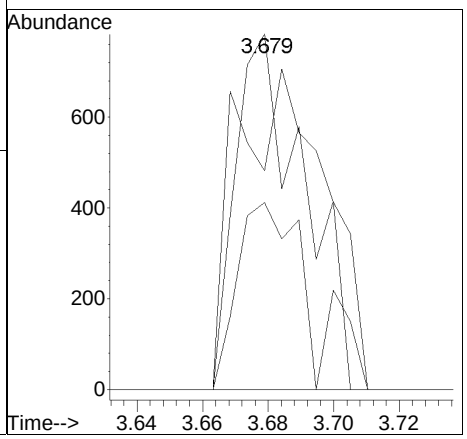


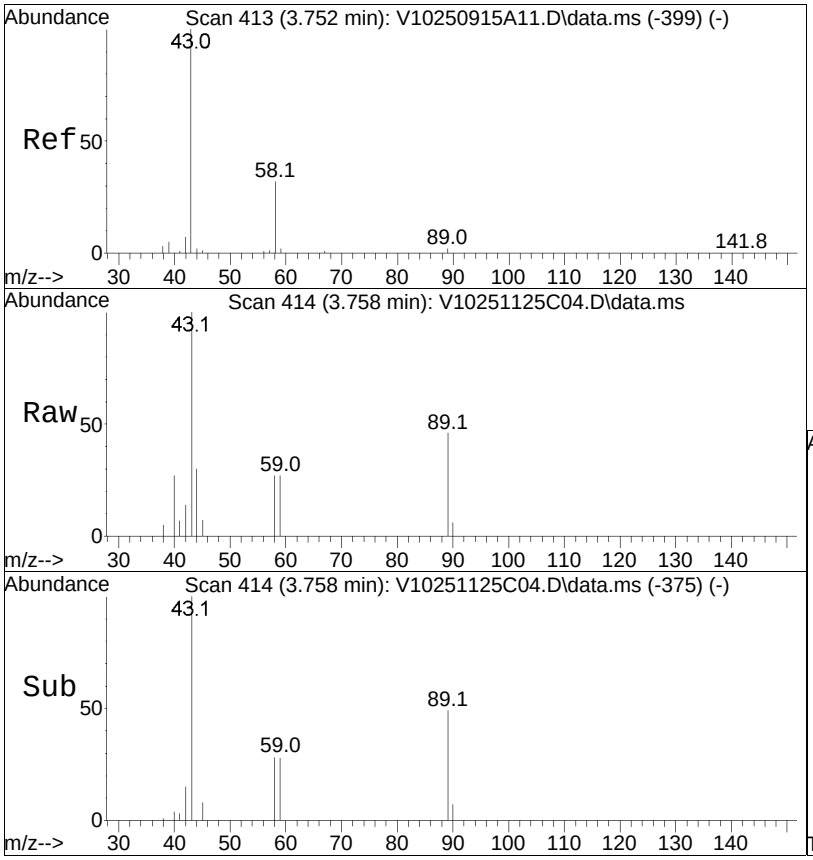


#15
Methylene chloride
Concen: 0.43 ug/L
RT: 3.679 min Scan# 399
Delta R.T. -0.026 min
Lab File: V10251125C04.D
Acq: 25 Nov 2025 3:22 pm

Tgt Ion: 84 Resp: 1134

Ion	Ratio	Lower	Upper
84	100		
86	56.3	41.5	86.3
49	46.6	99.3	206.1#

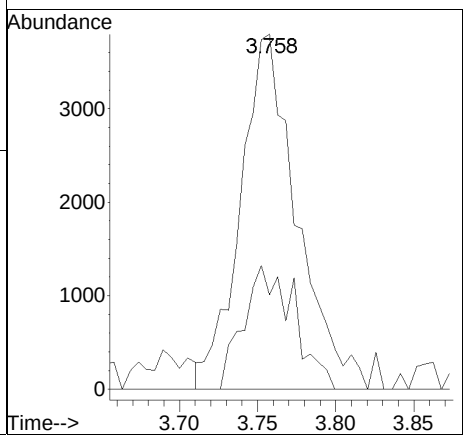


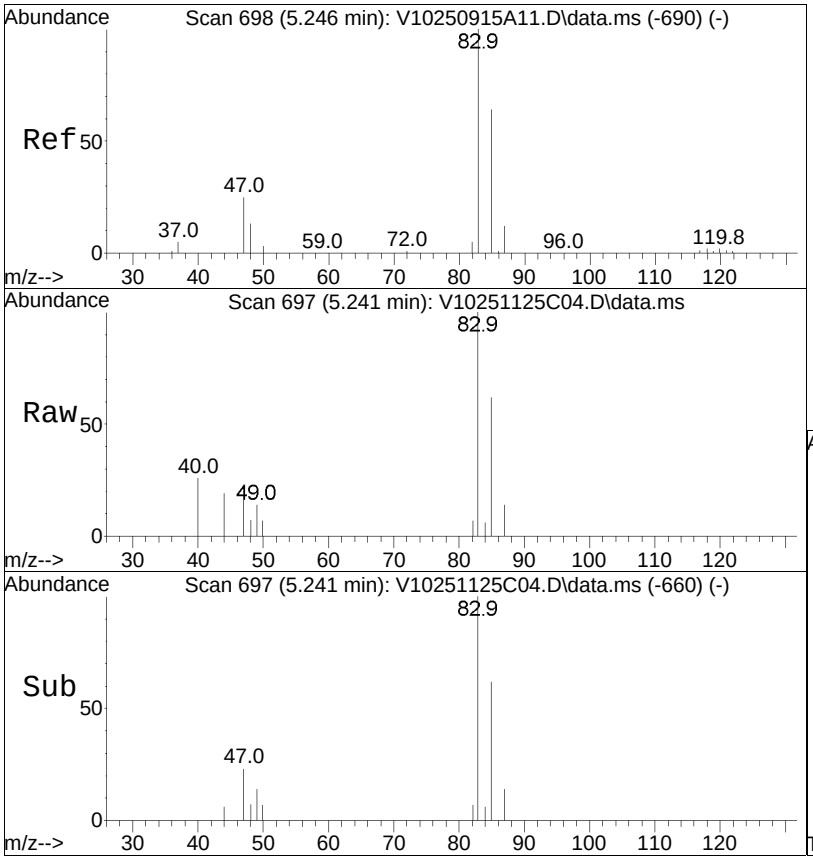


#17
Acetone
Concen: 8.40 ug/L
RT: 3.758 min Scan# 414
Delta R.T. 0.006 min
Lab File: V10251125C04.D
Acq: 25 Nov 2025 3:22 pm

Tgt Ion: 43 Resp: 9569

Ion	Ratio	Lower	Upper
43	100		
58	31.1	5.0	7.6#

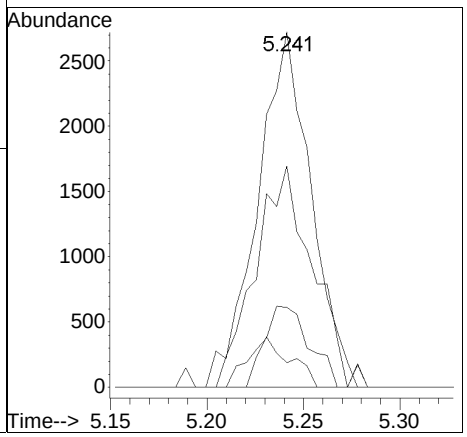


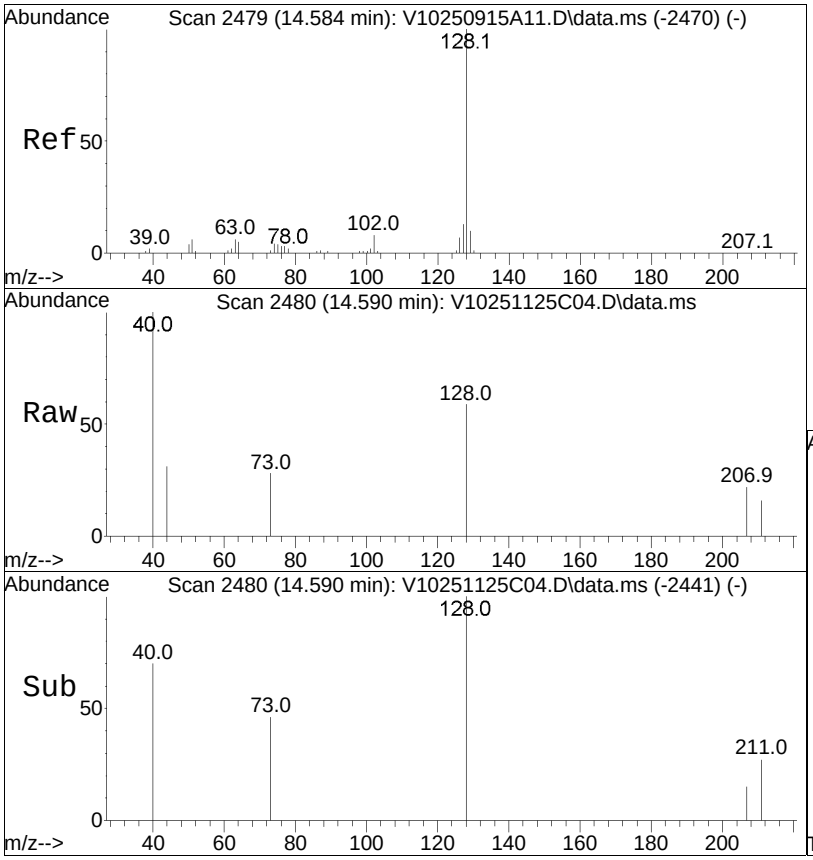


#32
Chloroform
Concen: 1.22 ug/L
RT: 5.241 min Scan# 697
Delta R.T. -0.005 min
Lab File: V10251125C04.D
Acq: 25 Nov 2025 3:22 pm

Tgt Ion: 83 Resp: 5271

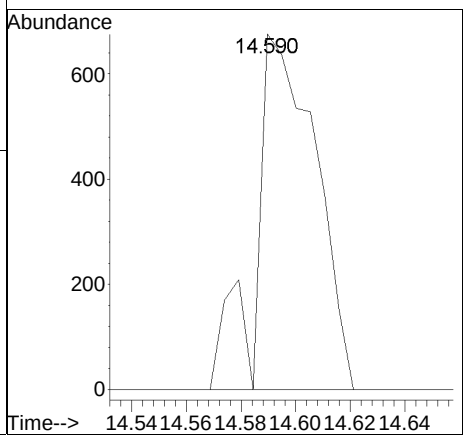
Ion	Ratio	Lower	Upper
83	100		
85	66.7	41.9	87.1
47	21.6	18.4	38.2
48	8.7	9.4	19.4#





#110
Naphthalene
Concen: 0.11 ug/L
RT: 14.590 min Scan# 2480
Delta R.T. 0.005 min
Lab File: V10251125C04.D
Acq: 25 Nov 2025 3:22 pm

Tgt Ion:128 Resp: 1031



Manual Integration Report

Data Path	: K:\VOA110\2025\251125C\	QMethod	: V110_250915A_8260.m
Data File	: V10251125C04.D	Operator	: VOA110:AJK
Date Inj'd	: 11/25/2025 3:22 pm	Instrument	: VOA110
Sample	: WG2147004-5,31h,15,15,0.1	Quant Date	: 11/25/2025 3:44 pm

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

LSC Area Percent Report

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C04.D
Acq On : 25 Nov 2025 3:22 pm
Operator : VOA110:AJK
Sample : WG2147004-5,31h,15,15,0.1
Misc : WG2147004,ICAL22640
ALS Vial : 4 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V10251125C04.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.489	150	172	174	rBV8	28208	123163	25.82%	4.464%
2	3.742	404	411	426	rVB7	10833	32525	6.82%	1.179%
3	5.241	689	697	710	rVB3	7175	17180	3.60%	0.623%
4	5.420	720	731	745	rBV2	80975	190468	39.93%	6.904%
5	5.954	825	833	849	rBV	77259	174875	36.66%	6.339%
6	6.243	877	888	905	rBV	184310	415381	87.09%	15.057%
7	7.947	1203	1213	1228	rBV	220259	476979	100.00%	17.290%
8	8.214	1256	1264	1271	rBV4	10100	24464	5.13%	0.887%
9	9.803	1557	1567	1589	rVB	198674	444626	93.22%	16.117%
10	11.176	1821	1829	1837	rBV6	7479	16053	3.37%	0.582%
11	11.266	1837	1846	1863	rVV	171912	329824	69.15%	11.956%
12	12.456	2062	2073	2092	rBV	266759	460083	96.46%	16.677%
13	13.122	2192	2200	2207	rVB2	8595	17371	3.64%	0.630%
14	14.668	2488	2495	2504	rBV	11340	21212	4.45%	0.769%
15	16.252	2790	2797	2802	rBV7	8863	14546	3.05%	0.527%

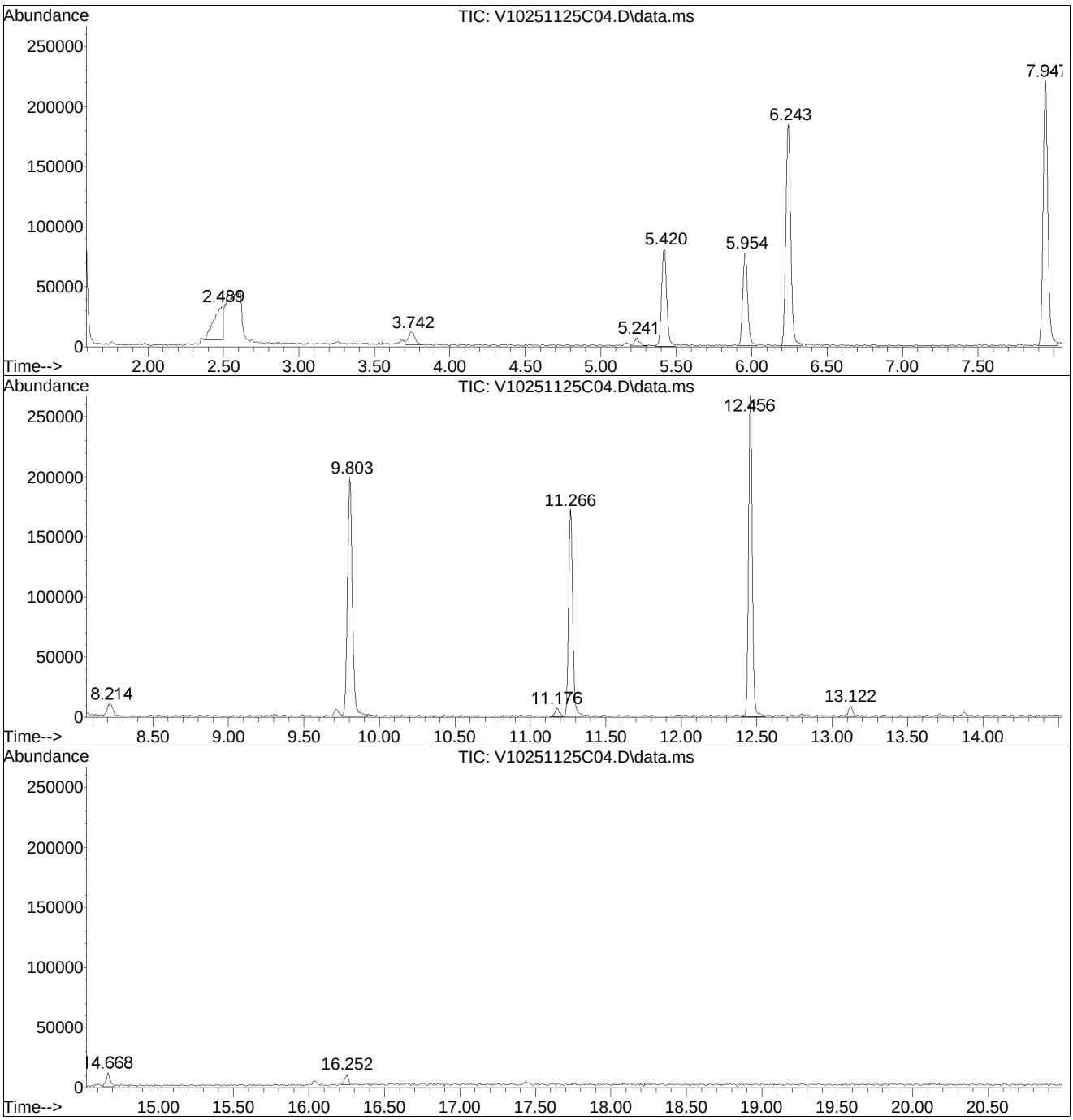
Sum of corrected areas: 2758750

LSC Report - Integrated Chromatogram

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C04.D
Acq On : 25 Nov 2025 3:22 pm
Operator : VOA110:AJK
Sample : WG2147004-5,31h,15,15,0.1
Misc : WG2147004,ICAL22640
ALS Vial : 4 Sample Multiplier: 1

Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C04.D
Acq On : 25 Nov 2025 3:22 pm
Operator : VOA110:AJK
Sample : WG2147004-5,31h,15,15,0.1
Misc : WG2147004,ICAL22640
ALS Vial : 4 Sample Multiplier: 1

Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS

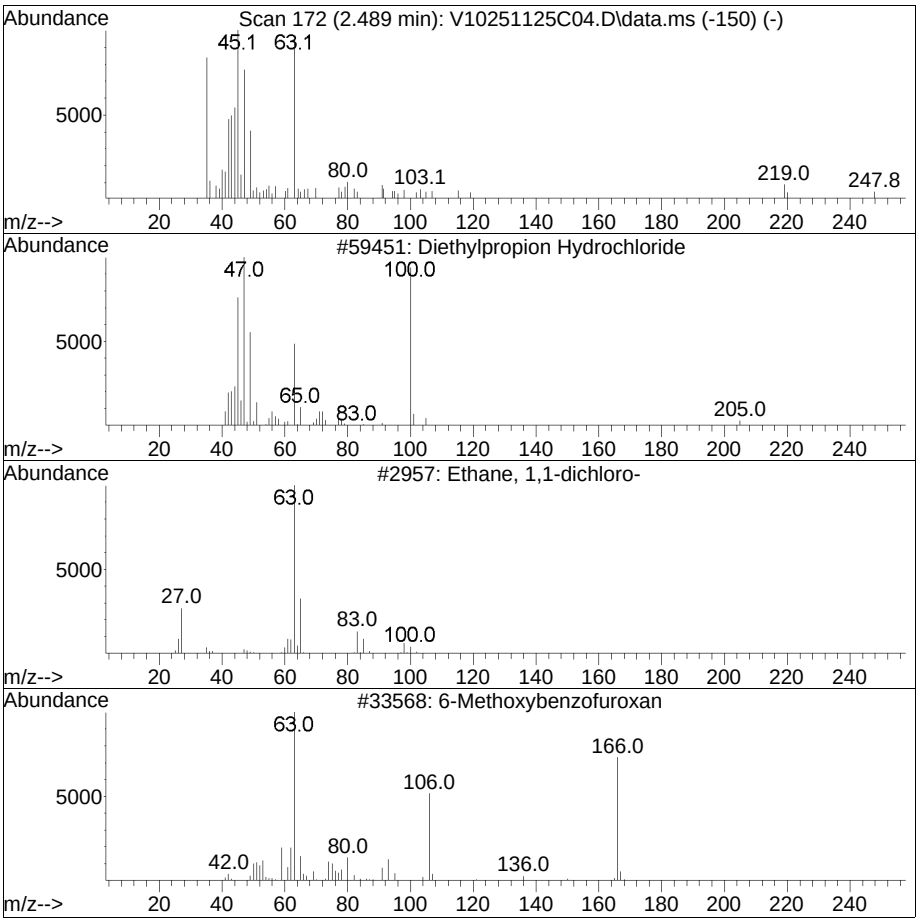
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

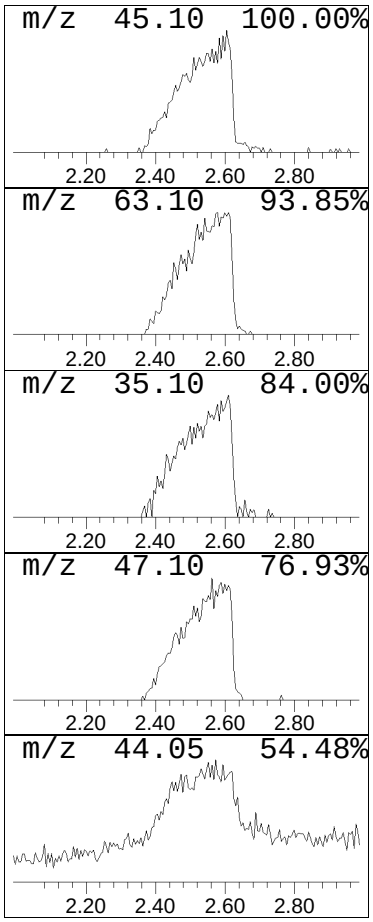
****

Peak Number 1 Unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.489	5.93 ug/L	123163	Fluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylpropion Hydrochloride	205	C13H19NO	000134-80-5	17
2	Ethane, 1,1-dichloro-	98	C2H4Cl2	000075-34-3	14
3	6-Methoxybenzofuroxan	166	C7H6N2O3	003524-06-9	12
4	(3-Chloropropionamido)sulfur pen...	233	C3H5ClF5NOS	080409-44-5	9
5	Ethyl 2-(2-chloroacetamido)-3,3,...	263	C7H9ClF3NO4	1000224-74-2	9





Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C04.D
Acq On : 25 Nov 2025 3:22 pm
Operator : VOA110:AJK
Sample : WG2147004-5,31h,15,15,0.1
Misc : WG2147004,ICAL22640
ALS Vial : 4 Sample Multiplier: 1

Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	2.489	5.9	ug/L	123163	1	6.243	415381	20.0

Quantitation Report (LSC Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C04.D
Acq On : 25 Nov 2025 3:22 pm
Operator : VOA110:AJK
Sample : WG2147003-5,31,5,5
Misc : WG2147003,ICAL22640
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 25 15:46:25 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.243	96	190909	20.000	ug/L	0.00
Standard Area 1 = 204110			Recovery =	93.53%		
59) Chlorobenzene-d5	9.803	117	142655	20.000	ug/L	0.00
Standard Area 1 = 167631			Recovery =	85.10%		
79) 1,4-Dichlorobenzene-d4	12.461	152	78088	20.000	ug/L	0.00
Standard Area 1 = 107503			Recovery =	72.64%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.414	113	55363	21.567	ug/L	-0.01
Spiked Amount 20.000	Range 70 - 130		Recovery =	107.83%		
43) 1,2-Dichloroethane-d4	5.960	65	67509	25.748	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	128.74%		
60) Toluene-d8	7.947	98	178783	20.315	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	101.58%		
83) 4-Bromofluorobenzene	11.266	95	63540	19.405	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	97.03%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D. d		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.352	94	2217	0.821	ug/L	90
6) Chloroethane	0.000		0	N.D. d		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	3.233	96	52	N.D.		
11) Carbon disulfide	3.128	76	257	N.D.		
15) Methylene chloride	3.679	84	1134	0.431	ug/L #	39
17) Acetone	3.758	43	9569	8.402	ug/L #	27
18) trans-1,2-Dichloroethene	3.710	96	52	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	5.241	83	5271	1.222	ug/L #	93

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C04.D
Acq On : 25 Nov 2025 3:22 pm
Operator : VOA110:AJK
Sample : WG2147003-5,31,5,5
Misc : WG2147003,ICAL22640
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 25 15:46:25 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	6.290	95	216	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	7.040	83	50	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	0.000		0	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	0.000		0	N.D.		
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.951	105	49	N.D.		
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	11.260	91	53	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
88) 4-Ethyltoluene	0.000		0	N.D.		
89) 2-Chlorotoluene	0.000		0	N.D.		
90) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
91) 1,2,3-Trichloropropane	0.000		0	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
93) 4-Chlorotoluene	0.000		0	N.D.		
94) tert-Butylbenzene	0.000		0	N.D.		

Quantitation Report (LSC Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C04.D
Acq On : 25 Nov 2025 3:22 pm
Operator : VOA110:AJK
Sample : WG2147003-5,31,5,5
Misc : WG2147003,ICAL22640
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 25 15:46:25 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	12.057	105	55	N.D.		
98)	sec-Butylbenzene	12.057	105	55	N.D.		
99)	p-Isopropyltoluene	12.293	119	55	N.D.		
100)	1,3-Dichlorobenzene	12.477	146	71	N.D.		
101)	1,4-Dichlorobenzene	12.477	146	71	N.D.		
102)	p-Diethylbenzene	0.000		0	N.D.		
103)	n-Butylbenzene	0.000		0	N.D.		
104)	1,2-Dichlorobenzene	0.000		0	N.D.		
105)	1,2,4,5-Tetramethylben...	13.468	119	56	N.D.		
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108)	Hexachlorobutadiene	14.265	225	56	N.D.		
109)	1,2,4-Trichlorobenzene	14.307	180	120	N.D.		
110)	Naphthalene	14.590	128	1031	0.113	ug/L	100
111)	1,2,3-Trichlorobenzene	14.757	180	193	N.D.		

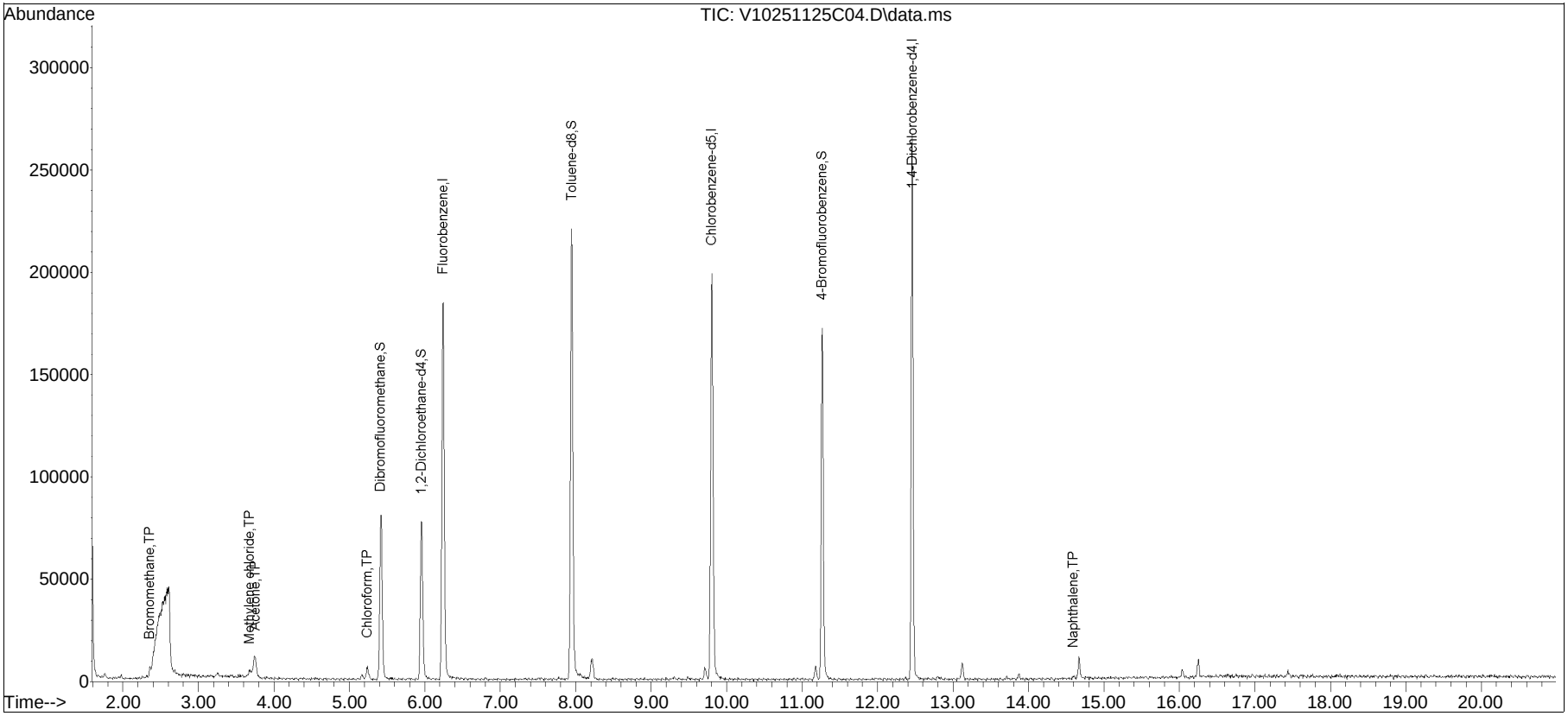
(#) = qualifier out of range (m) = manual integration (+) = signals summed

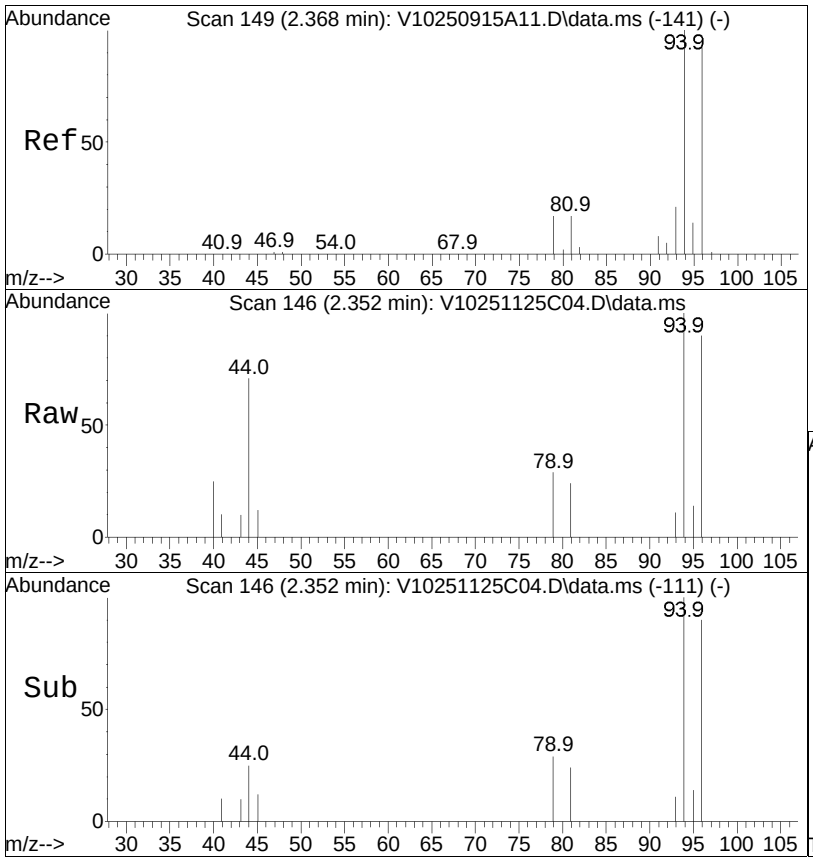
Quantitation Report (LSC Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C04.D
Acq On : 25 Nov 2025 3:22 pm
Operator : VOA110:AJK
Sample : WG2147003-5,31,5,5
Misc : WG2147003,ICAL22640
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 25 15:46:25 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

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

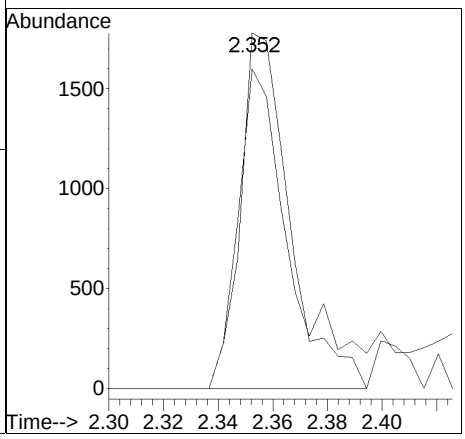


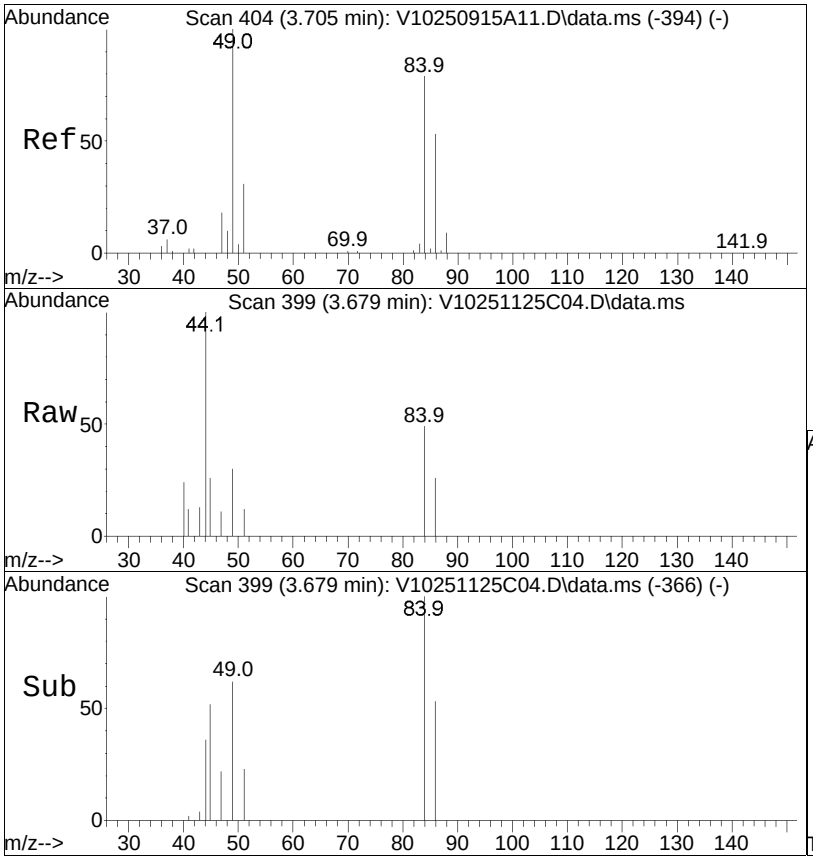


#5
Bromomethane
Concen: 0.82 ug/L
RT: 2.352 min Scan# 146
Delta R.T. -0.016 min
Lab File: V10251125C04.D
Acq: 25 Nov 2025 3:22 pm

Tgt Ion: 94 Resp: 2217

Ion	Ratio	Lower	Upper
94	100		
96	96.8	67.4	107.4

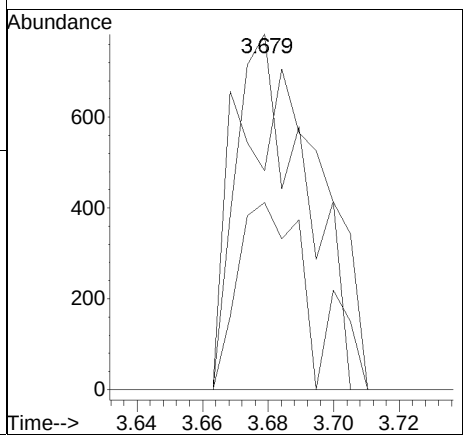


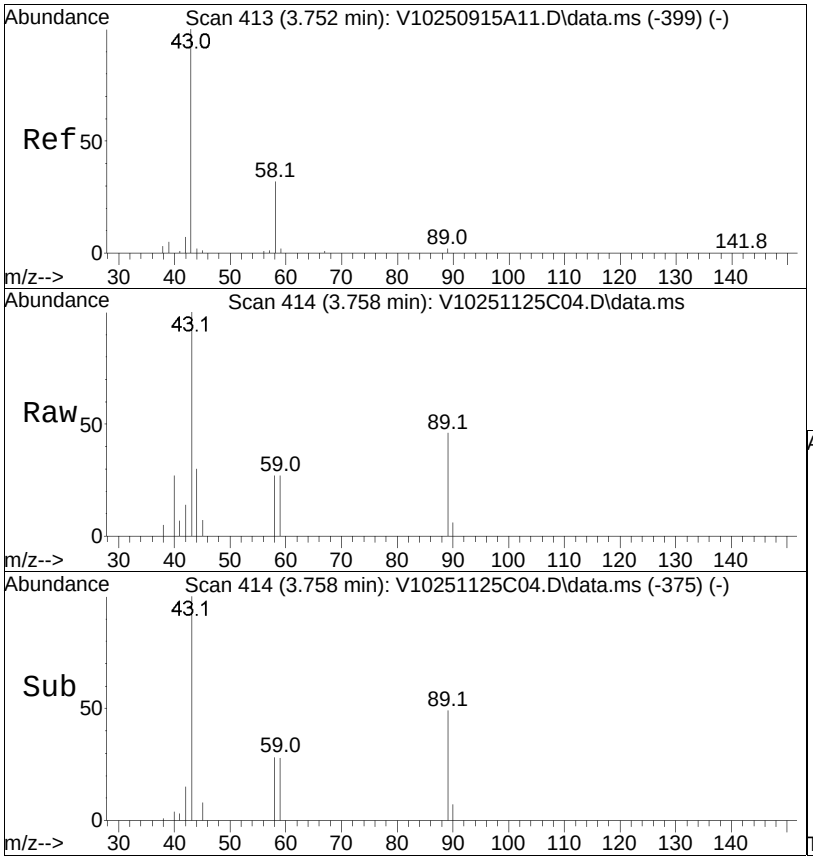


#15
Methylene chloride
Concen: 0.43 ug/L
RT: 3.679 min Scan# 399
Delta R.T. -0.026 min
Lab File: V10251125C04.D
Acq: 25 Nov 2025 3:22 pm

Tgt Ion: 84 Resp: 1134

Ion	Ratio	Lower	Upper
84	100		
86	56.3	41.5	86.3
49	46.6	99.3	206.1#

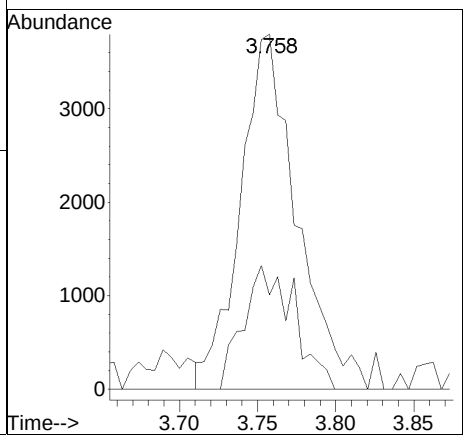


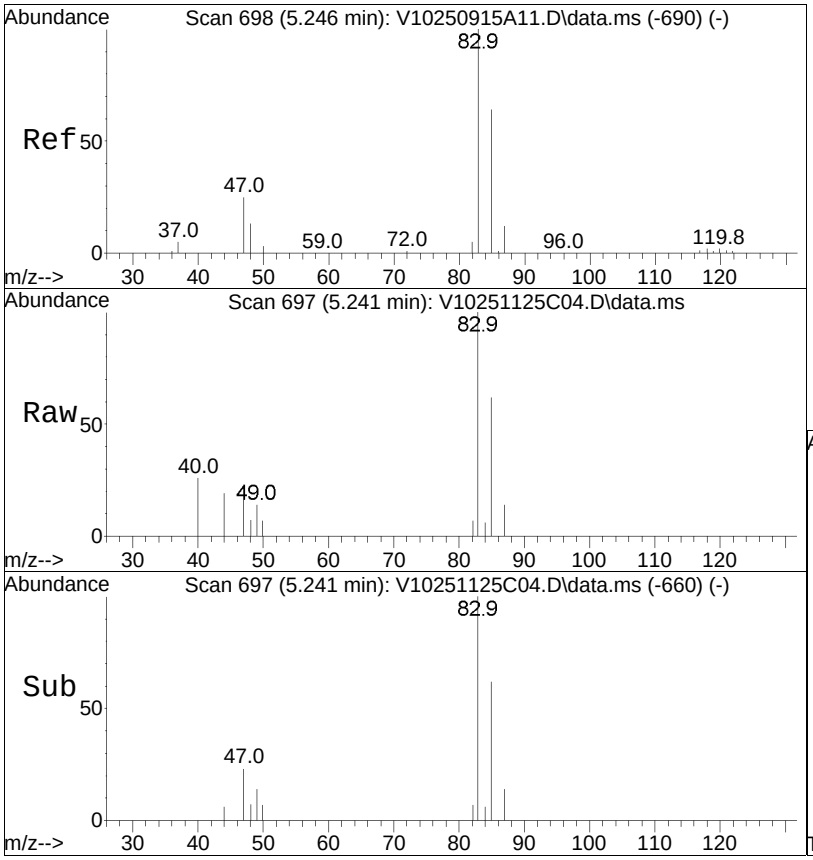


#17
Acetone
Concen: 8.40 ug/L
RT: 3.758 min Scan# 414
Delta R.T. 0.006 min
Lab File: V10251125C04.D
Acq: 25 Nov 2025 3:22 pm

Tgt Ion: 43 Resp: 9569

Ion	Ratio	Lower	Upper
43	100		
58	31.1	5.0	7.6#

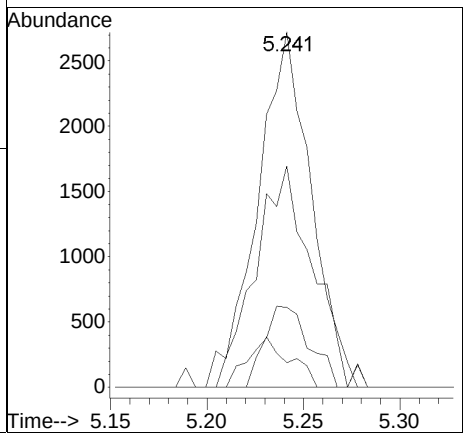


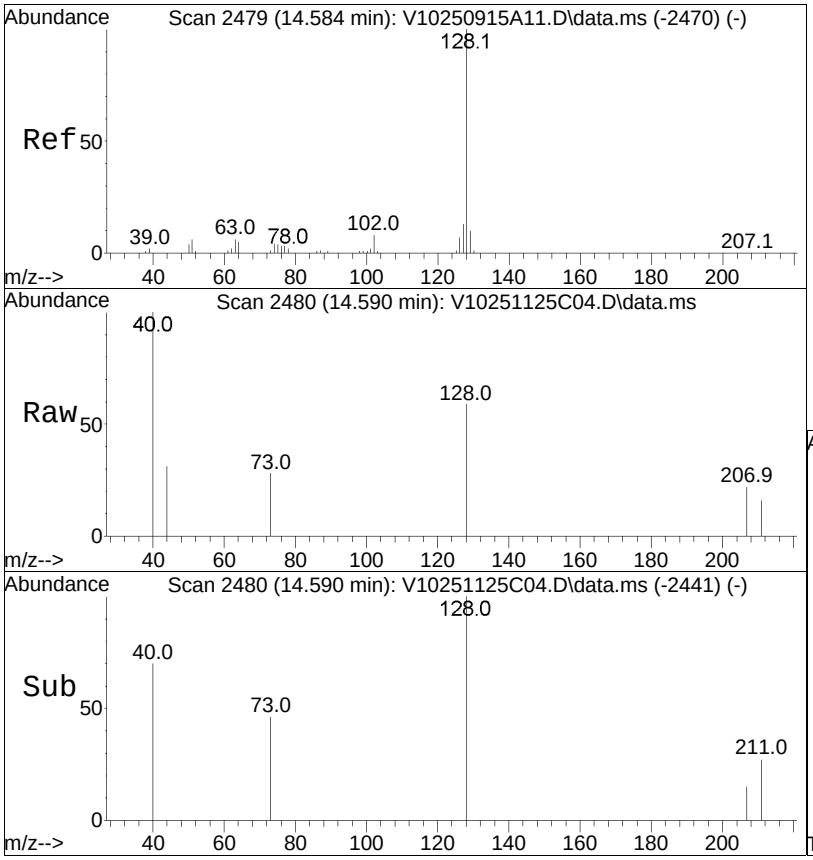


#32
Chloroform
Concen: 1.22 ug/L
RT: 5.241 min Scan# 697
Delta R.T. -0.005 min
Lab File: V10251125C04.D
Acq: 25 Nov 2025 3:22 pm

Tgt Ion: 83 Resp: 5271

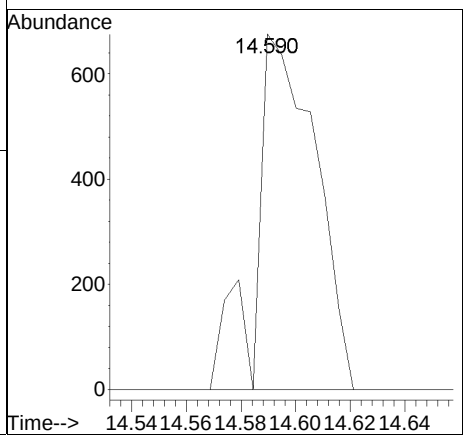
Ion	Ratio	Lower	Upper
83	100		
85	66.7	41.9	87.1
47	21.6	18.4	38.2
48	8.7	9.4	19.4#





#110
Naphthalene
Concen: 0.11 ug/L
RT: 14.590 min Scan# 2480
Delta R.T. 0.005 min
Lab File: V10251125C04.D
Acq: 25 Nov 2025 3:22 pm

Tgt Ion:128 Resp: 1031



Manual Integration Report

Data Path	: K:\VOA110\2025\251125C\	QMethod	: V110_250915A_8260.m
Data File	: V10251125C04.D	Operator	: VOA110:AJK
Date Inj'd	: 11/25/2025 3:22 pm	Instrument	: VOA110
Sample	: WG2147003-5,31,5,5	Quant Date	: 11/25/2025 3:44 pm

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

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A05.D
Acq On : 26 Nov 2025 08:18 am
Operator : VOA100:MNF
Sample : WG2146952-5,31H,5,5,0.100
Misc : WG2146952,ICAL22760
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 08:57:23 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	341681	20.000	ug/L	0.00
Standard Area 1 = 378260			Recovery =	90.33%		
60) Chlorobenzene-d5	9.792	117	286626	20.000	ug/L	0.00
Standard Area 1 = 324241			Recovery =	88.40%		
80) 1,4-Dichlorobenzene-d4	12.461	152	168641	20.000	ug/L	0.00
Standard Area 1 = 197845			Recovery =	85.24%		
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	102180	19.671	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.35%		
44) 1,2-Dichloroethane-d4	5.934	65	87440	18.618	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	93.09%		
61) Toluene-d8	7.936	98	340716	19.668	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.34%		
84) 4-Bromofluorobenzene	11.261	95	128887	19.781	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.91%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.374	94	634	Below Cal		94
6) Chloroethane	2.510	64	490	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.171	76	13948	Below Cal		97
15) Methylene chloride	3.695	84	2140	0.382	ug/L	93
17) Acetone	3.742	43	1697	0.661	ug/L #	63
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
31) Bromochloromethane	0.000		0	N.D.		
33) Chloroform	5.231	83	6282	0.618	ug/L	93

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A05.D
Acq On : 26 Nov 2025 08:18 am
Operator : VOA100:MNF
Sample : WG2146952-5,31H,5,5,0.100
Misc : WG2146952,ICAL22760
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 08:57:23 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Carbon tetrachloride	0.000		0	N.D.		
38) 1,1,1-Trichloroethane	0.000		0	N.D.		
40) 2-Butanone	5.546	43	139	N.D.		
41) 1,1-Dichloropropene	0.000		0	N.D.		
42) Benzene	5.824	78	300	N.D.		
45) 1,2-Dichloroethane	0.000		0	N.D.		
49) Trichloroethene	0.000		0	N.D.	d	
51) Dibromomethane	0.000		0	N.D.		
52) 1,2-Dichloropropane	0.000		0	N.D.		
55) Bromodichloromethane	7.029	83	220	N.D.		
58) 1,4-Dioxane	0.000		0	N.D.		
59) cis-1,3-Dichloropropene	0.000		0	N.D.		
62) Toluene	7.994	92	132	N.D.		
63) 4-Methyl-2-pentanone	0.000		0	N.D.		
64) Tetrachloroethene	0.000		0	N.D.		
66) trans-1,3-Dichloropropene	0.000		0	N.D.		
69) 1,1,2-Trichloroethane	0.000		0	N.D.		
70) Chlorodibromomethane	0.000		0	N.D.		
71) 1,3-Dichloropropane	0.000		0	N.D.		
72) 1,2-Dibromoethane	0.000		0	N.D.		
73) 2-Hexanone	9.420	43	48	N.D.		
74) Chlorobenzene	0.000		0	N.D.		
75) Ethylbenzene	9.861	91	226	N.D.		
76) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
77) p/m Xylene	0.000		0	N.D.		
78) o Xylene	0.000		0	N.D.		
79) Styrene	10.652	104	473	N.D.		
81) Bromoform	0.000		0	N.D.		
83) Isopropylbenzene	10.951	105	53	N.D.		
85) Bromobenzene	0.000		0	N.D.		
86) n-Propylbenzene	11.418	91	53	N.D.		
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
89) 4-Ethyltoluene	11.544	105	133	N.D.		
90) 2-Chlorotoluene	11.580	91	123	N.D.		
91) 1,3,5-Trimethylbenzene	11.643	105	54	N.D.		
92) 1,2,3-Trichloropropane	0.000		0	N.D.		
93) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
94) 4-Chlorotoluene	11.759	91	107	N.D.		
95) tert-Butylbenzene	11.989	119	48	N.D.		

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A05.D
Acq On : 26 Nov 2025 08:18 am
Operator : VOA100:MNF
Sample : WG2146952-5,31H,5,5,0.100
Misc : WG2146952,ICAL22760
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 08:57:23 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
98) 1,2,4-Trimethylbenzene	12.063	105	211	N.D.		
99) sec-Butylbenzene	12.173	105	252	N.D.		
100) p-Isopropyltoluene	12.320	119	319	N.D.		
101) 1,3-Dichlorobenzene	12.398	146	347	N.D.		
102) 1,4-Dichlorobenzene	12.472	146	738	N.D.		
103) p-Diethylbenzene	12.697	119	225	N.D.		
104) n-Butylbenzene	12.755	91	338	N.D.		
105) 1,2-Dichlorobenzene	12.896	146	243	N.D.		
106) 1,2,4,5-Tetramethylben...	13.484	119	598	N.D.		
107) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) Hexachlorobutadiene	14.291	225	244	N.D.		
110) 1,2,4-Trichlorobenzene	14.317	180	735	N.D.		
111) Naphthalene	14.595	128	2857	0.163	ug/L	100
112) 1,2,3-Trichlorobenzene	14.773	180	739	0.110	ug/L #	61

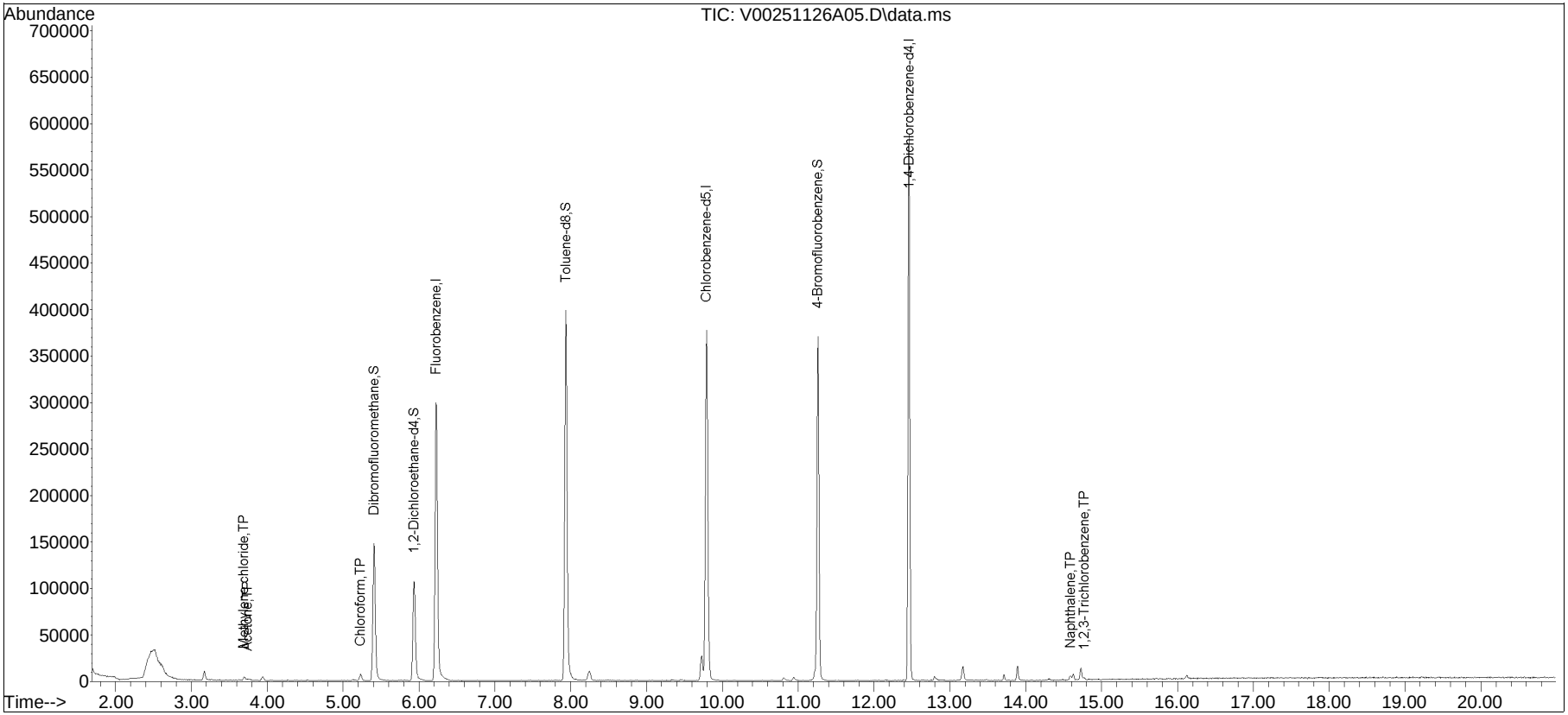
(#) = qualifier out of range (m) = manual integration (+) = signals summed

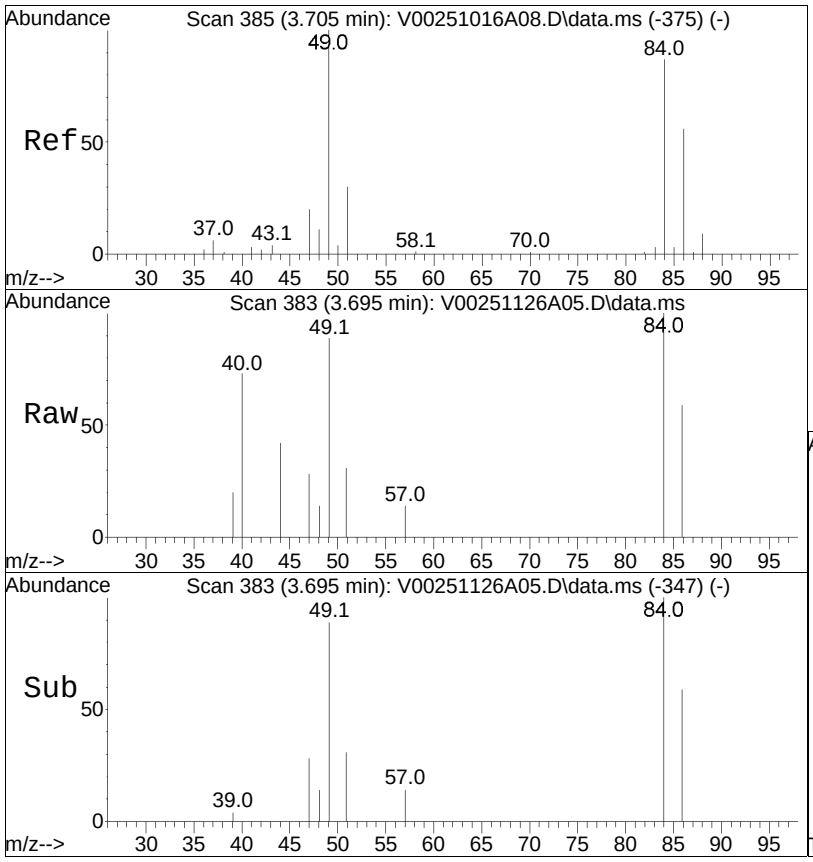
Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A05.D
Acq On : 26 Nov 2025 08:18 am
Operator : VOA100:MNF
Sample : WG2146952-5,31H,5,5,0.100
Misc : WG2146952,ICAL22760
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 08:57:23 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

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

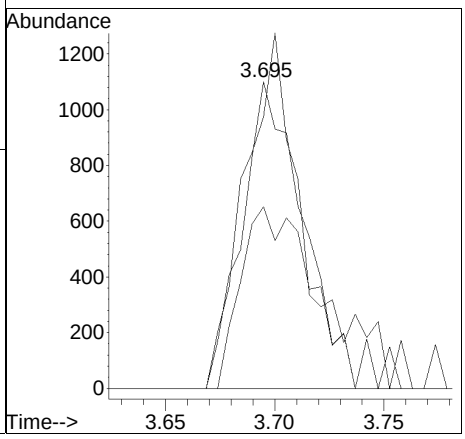


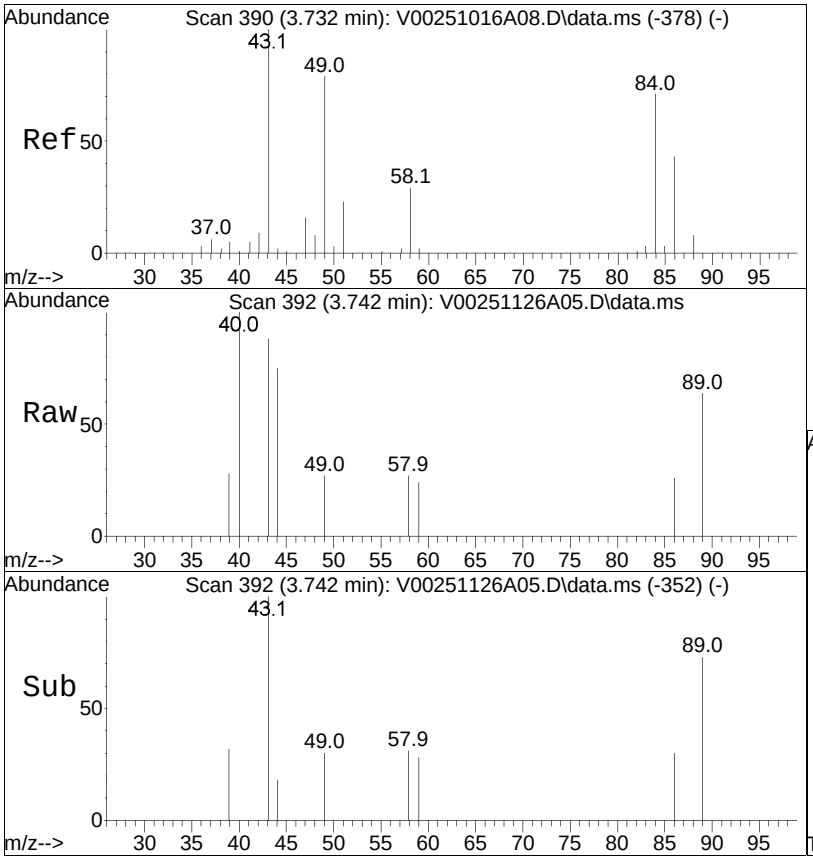


#15
Methylene chloride
Concen: 0.38 ug/L
RT: 3.695 min Scan# 383
Delta R.T. -0.010 min
Lab File: V00251126A05.D
Acq: 26 Nov 2025 08:18 am

Tgt Ion: 84 Resp: 2140

Ion	Ratio	Lower	Upper
84	100		
86	68.0	39.6	82.2
49	118.1	72.7	150.9

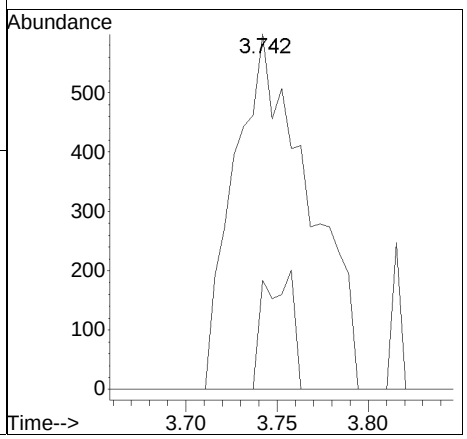


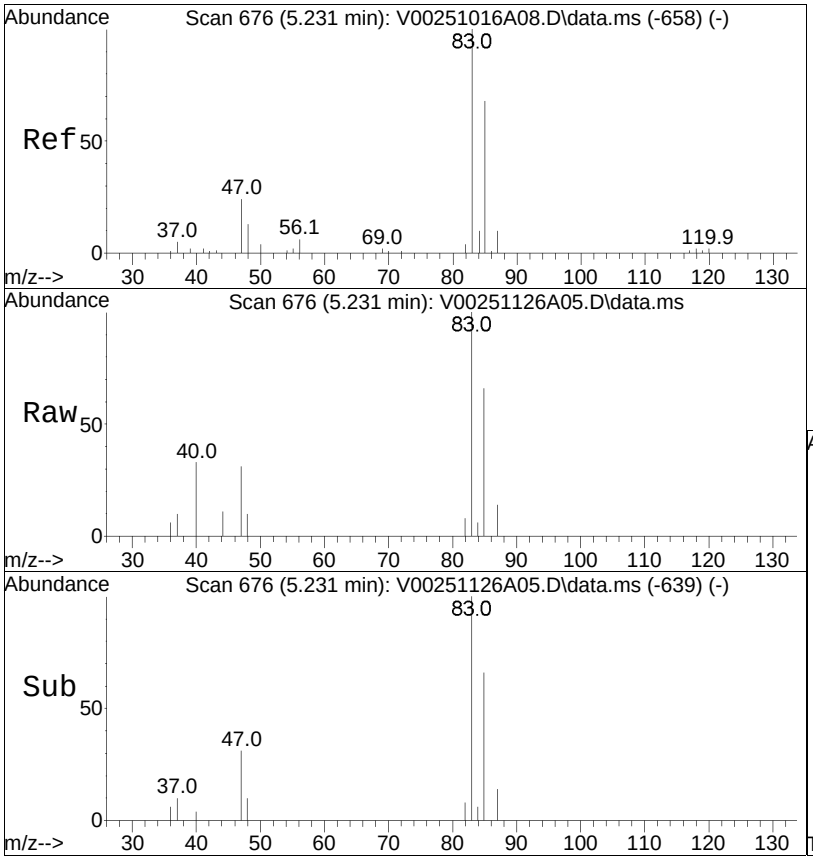


#17
Acetone
Concen: 0.66 ug/L
RT: 3.742 min Scan# 392
Delta R.T. 0.010 min
Lab File: V00251126A05.D
Acq: 26 Nov 2025 08:18 am

Tgt Ion: 43 Resp: 1697

Ion	Ratio	Lower	Upper
43	100		
58	13.0	27.2	40.8#

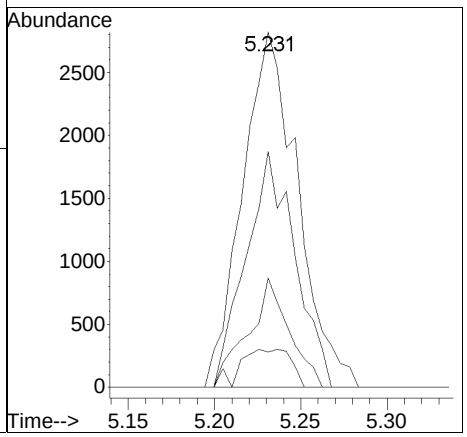


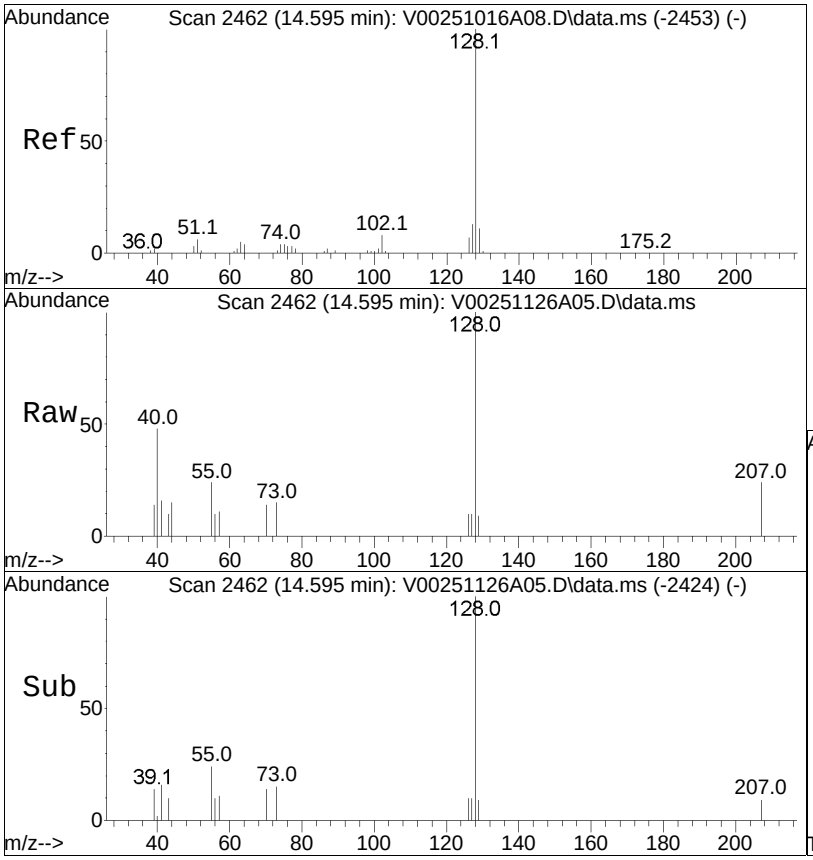


#33
Chloroform
Concen: 0.62 ug/L
RT: 5.231 min Scan# 676
Delta R.T. -0.005 min
Lab File: V00251126A05.D
Acq: 26 Nov 2025 08:18 am

Tgt Ion: 83 Resp: 6282

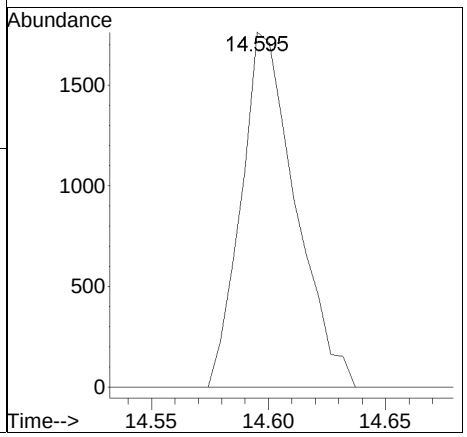
Ion	Ratio	Lower	Upper
83	100		
85	58.9	43.3	89.9
47	22.9	14.4	29.8
48	9.9	7.5	15.7

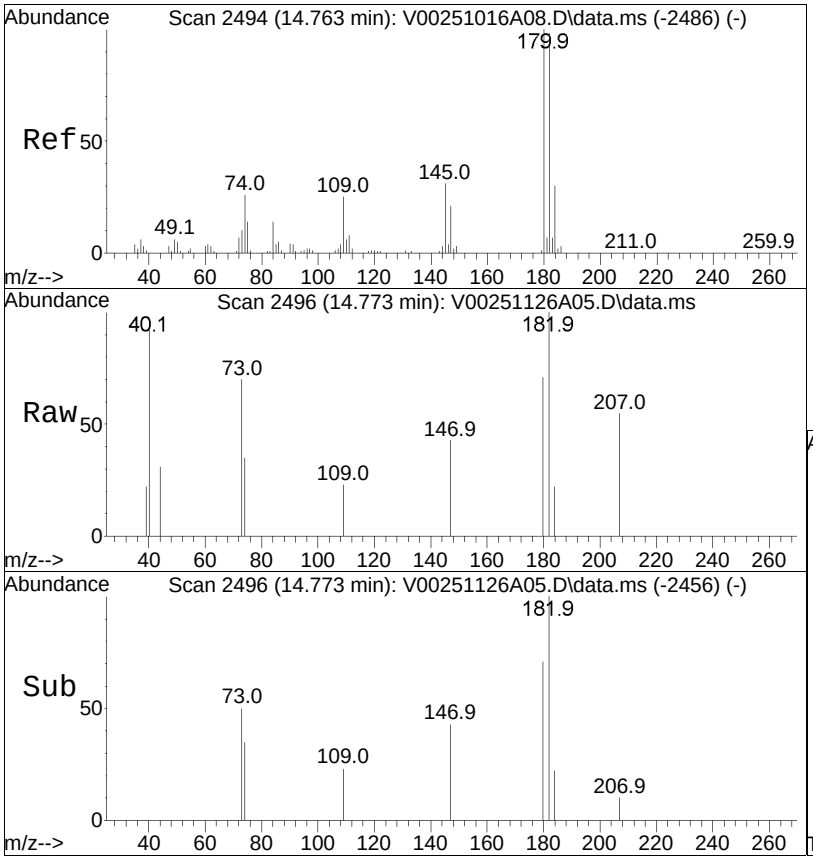




#111
Naphthalene
Concen: 0.16 ug/L
RT: 14.595 min Scan# 2462
Delta R.T. 0.000 min
Lab File: V00251126A05.D
Acq: 26 Nov 2025 08:18 am

Tgt Ion:128 Resp: 2857

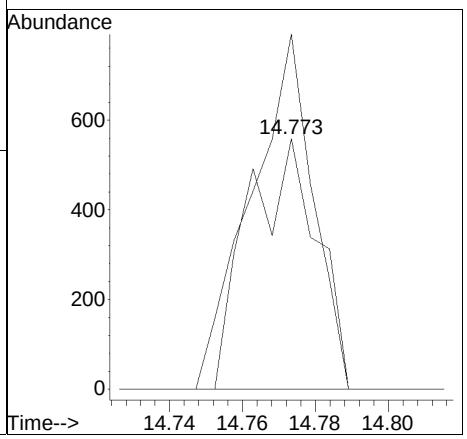




#112
1,2,3-Trichlorobenzene
Concen: 0.11 ug/L
RT: 14.773 min Scan# 2496
Delta R.T. 0.010 min
Lab File: V00251126A05.D
Acq: 26 Nov 2025 08:18 am

Tgt Ion:180 Resp: 739

Ion	Ratio	Lower	Upper
180	100		
182	126.9	75.4	113.2#
145	0.0	24.0	36.0#



Manual Integration Report

Data Path	: K:\VOA100\2025\251126A\	QMethod	: V100_251024A_8260.m
Data File	: V00251126A05.D	Operator	: VOA100:MNF
Date Inj'd	: 11/26/2025 8:18 am	Instrument	: VOA100
Sample	: WG2146952-5,31H,5,5,0.100	Quant Date	: 11/26/2025 8:56 am

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

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A05.D
Acq On : 26 Nov 2025 08:18 am
Operator : VOA100:MNF
Sample : WG2146922-5,31,5,5
Misc : WG2146922,ICAL22760
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 08:57:23 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	341681	20.000	ug/L	0.00
Standard Area 1 = 378260			Recovery = 90.33%			
60) Chlorobenzene-d5	9.792	117	286626	20.000	ug/L	0.00
Standard Area 1 = 324241			Recovery = 88.40%			
80) 1,4-Dichlorobenzene-d4	12.461	152	168641	20.000	ug/L	0.00
Standard Area 1 = 197845			Recovery = 85.24%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	102180	19.671	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.35%			
44) 1,2-Dichloroethane-d4	5.934	65	87440	18.618	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.09%			
61) Toluene-d8	7.936	98	340716	19.668	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.34%			
84) 4-Bromofluorobenzene	11.261	95	128887	19.781	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.91%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.374	94	634	Below Cal		94
6) Chloroethane	2.510	64	490	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.171	76	13948	Below Cal		97
15) Methylene chloride	3.695	84	2140	0.382	ug/L	93
17) Acetone	3.742	43	1697	0.661	ug/L #	63
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
31) Bromochloromethane	0.000		0	N.D.		
33) Chloroform	5.231	83	6282	0.618	ug/L	93

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A05.D
Acq On : 26 Nov 2025 08:18 am
Operator : VOA100:MNF
Sample : WG2146922-5,31,5,5
Misc : WG2146922,ICAL22760
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 08:57:23 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Carbon tetrachloride	0.000		0	N.D.		
38) 1,1,1-Trichloroethane	0.000		0	N.D.		
40) 2-Butanone	5.546	43	139	N.D.		
41) 1,1-Dichloropropene	0.000		0	N.D.		
42) Benzene	5.824	78	300	N.D.		
45) 1,2-Dichloroethane	0.000		0	N.D.		
49) Trichloroethene	0.000		0	N.D.	d	
51) Dibromomethane	0.000		0	N.D.		
52) 1,2-Dichloropropane	0.000		0	N.D.		
55) Bromodichloromethane	7.029	83	220	N.D.		
58) 1,4-Dioxane	0.000		0	N.D.		
59) cis-1,3-Dichloropropene	0.000		0	N.D.		
62) Toluene	7.994	92	132	N.D.		
63) 4-Methyl-2-pentanone	0.000		0	N.D.		
64) Tetrachloroethene	0.000		0	N.D.		
66) trans-1,3-Dichloropropene	0.000		0	N.D.		
69) 1,1,2-Trichloroethane	0.000		0	N.D.		
70) Chlorodibromomethane	0.000		0	N.D.		
71) 1,3-Dichloropropane	0.000		0	N.D.		
72) 1,2-Dibromoethane	0.000		0	N.D.		
73) 2-Hexanone	9.420	43	48	N.D.		
74) Chlorobenzene	0.000		0	N.D.		
75) Ethylbenzene	9.861	91	226	N.D.		
76) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
77) p/m Xylene	0.000		0	N.D.		
78) o Xylene	0.000		0	N.D.		
79) Styrene	10.652	104	473	N.D.		
81) Bromoform	0.000		0	N.D.		
83) Isopropylbenzene	10.951	105	53	N.D.		
85) Bromobenzene	0.000		0	N.D.		
86) n-Propylbenzene	11.418	91	53	N.D.		
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
89) 4-Ethyltoluene	11.544	105	133	N.D.		
90) 2-Chlorotoluene	11.580	91	123	N.D.		
91) 1,3,5-Trimethylbenzene	11.643	105	54	N.D.		
92) 1,2,3-Trichloropropane	0.000		0	N.D.		
93) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
94) 4-Chlorotoluene	11.759	91	107	N.D.		
95) tert-Butylbenzene	11.989	119	48	N.D.		

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A05.D
Acq On : 26 Nov 2025 08:18 am
Operator : VOA100:MNF
Sample : WG2146922-5,31,5,5
Misc : WG2146922,ICAL22760
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 08:57:23 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
98)	1,2,4-Trimethylbenzene	12.063	105	211	N.D.			
99)	sec-Butylbenzene	12.173	105	252	N.D.			
100)	p-Isopropyltoluene	12.320	119	319	N.D.			
101)	1,3-Dichlorobenzene	12.398	146	347	N.D.			
102)	1,4-Dichlorobenzene	12.472	146	738	N.D.			
103)	p-Diethylbenzene	12.697	119	225	N.D.			
104)	n-Butylbenzene	12.755	91	338	N.D.			
105)	1,2-Dichlorobenzene	12.896	146	243	N.D.			
106)	1,2,4,5-Tetramethylben...	13.484	119	598	N.D.			
107)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.			
109)	Hexachlorobutadiene	14.291	225	244	N.D.			
110)	1,2,4-Trichlorobenzene	14.317	180	735	N.D.			
111)	Naphthalene	14.595	128	2857	0.163	ug/L		100
112)	1,2,3-Trichlorobenzene	14.773	180	739	0.110	ug/L	#	61

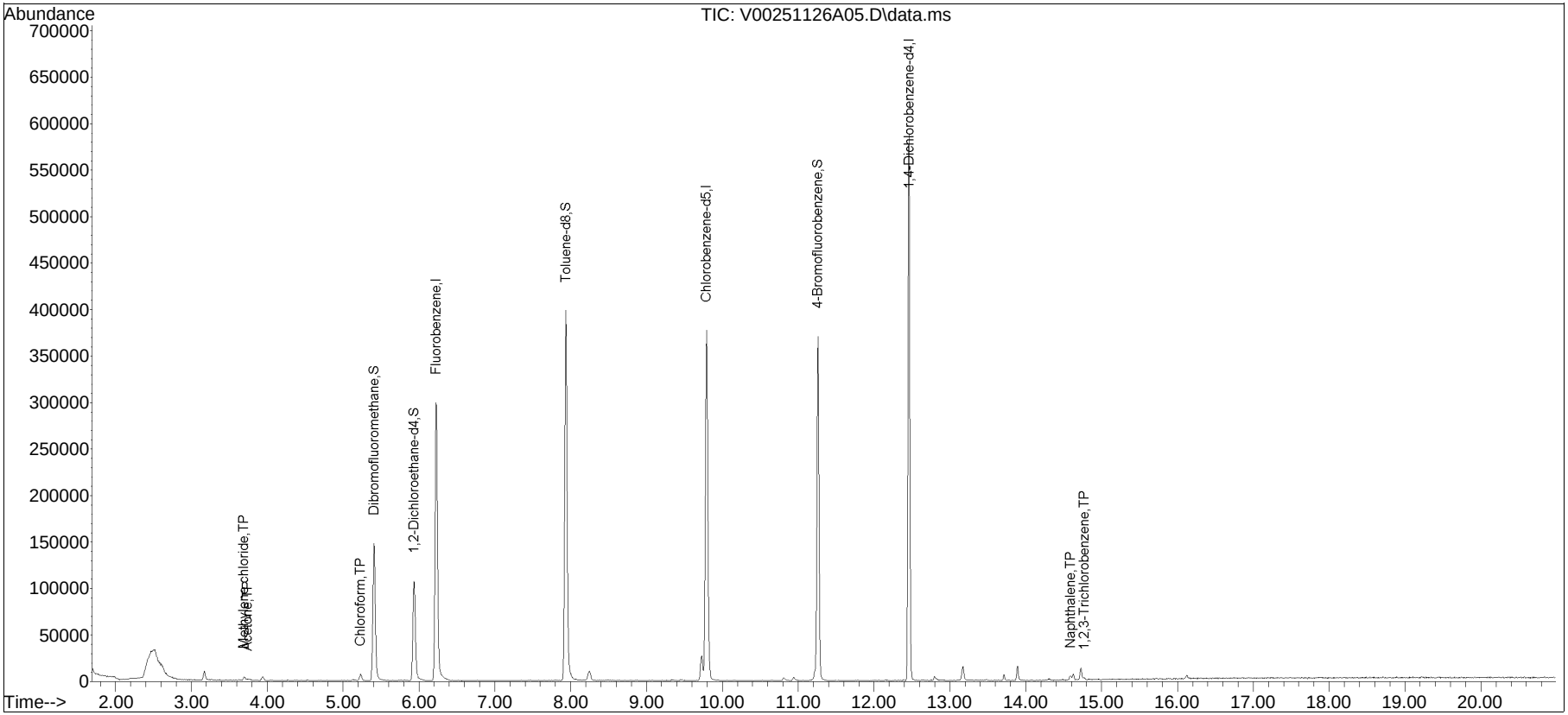
(#) = qualifier out of range (m) = manual integration (+) = signals summed

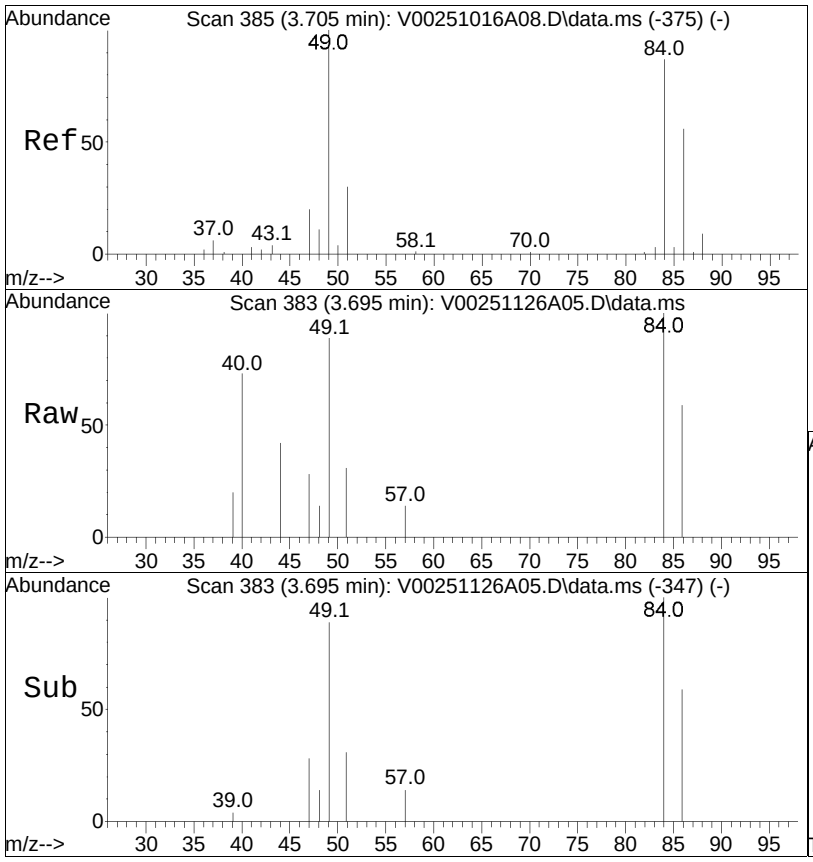
Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A05.D
Acq On : 26 Nov 2025 08:18 am
Operator : VOA100:MNF
Sample : WG2146922-5,31,5,5
Misc : WG2146922,ICAL22760
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 08:57:23 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

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

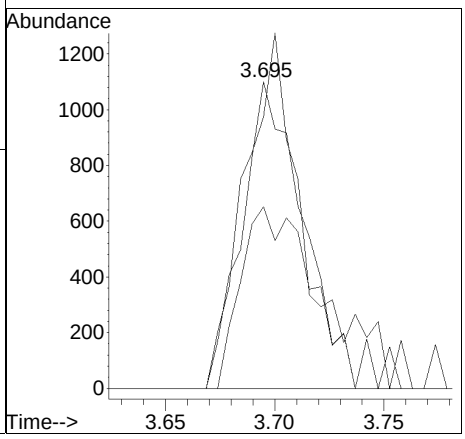


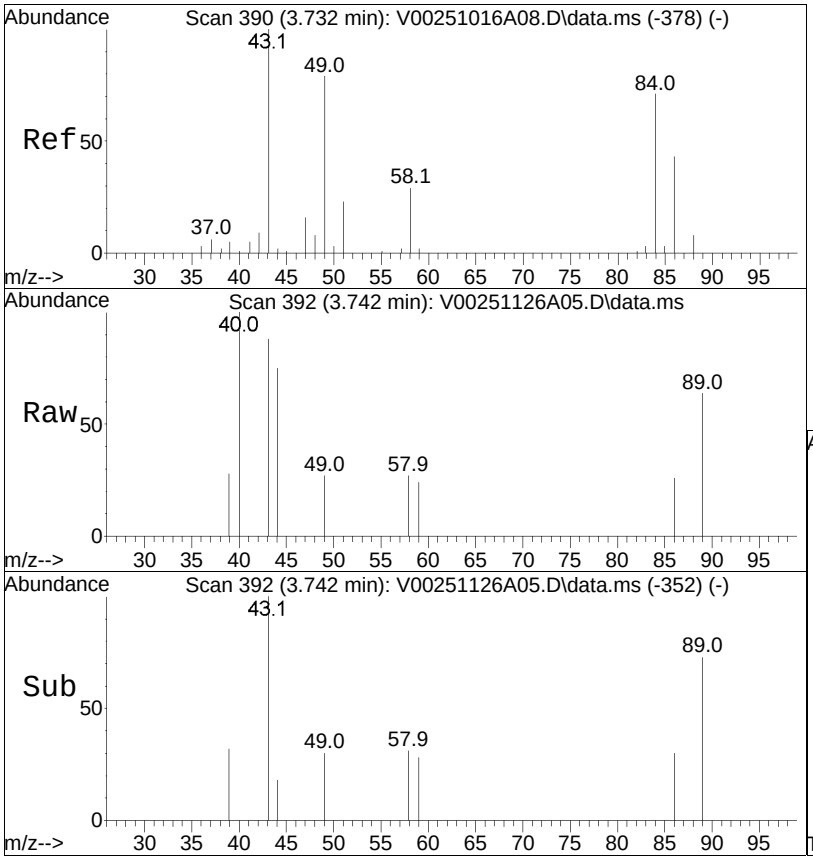


#15
Methylene chloride
Concen: 0.38 ug/L
RT: 3.695 min Scan# 383
Delta R.T. -0.010 min
Lab File: V00251126A05.D
Acq: 26 Nov 2025 08:18 am

Tgt Ion: 84 Resp: 2140

Ion	Ratio	Lower	Upper
84	100		
86	68.0	39.6	82.2
49	118.1	72.7	150.9

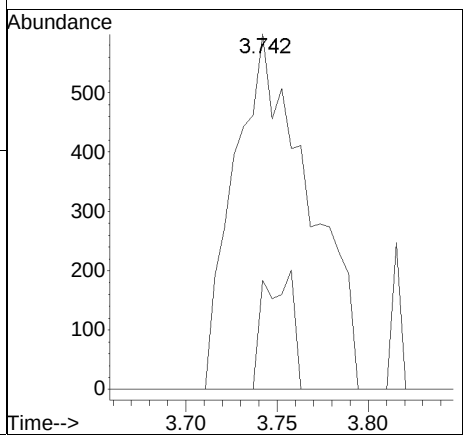


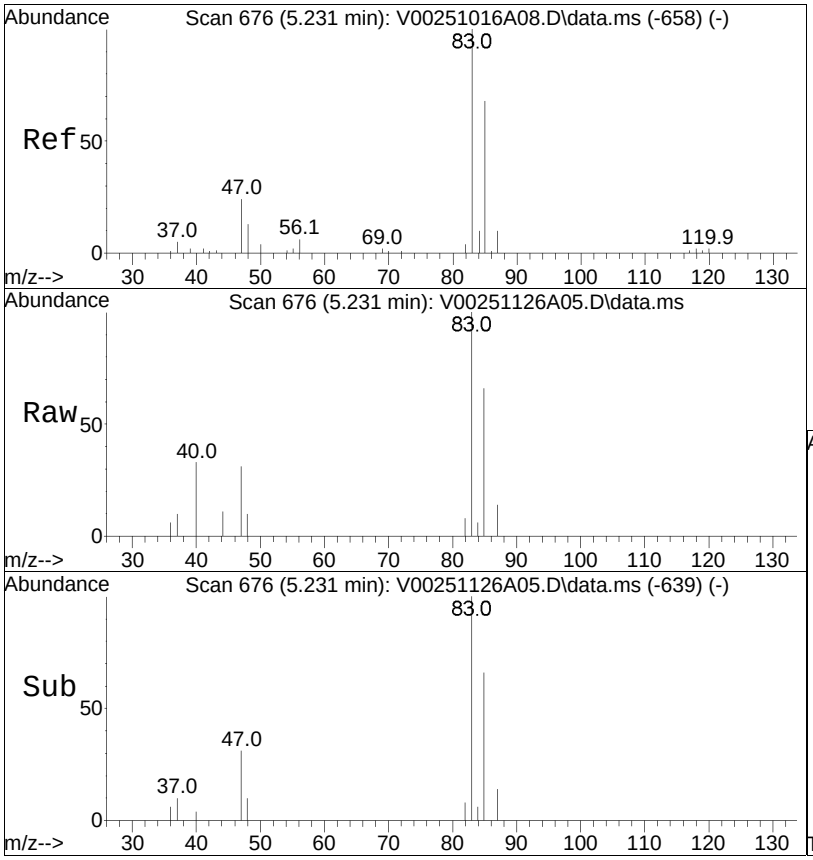


#17
Acetone
Concen: 0.66 ug/L
RT: 3.742 min Scan# 392
Delta R.T. 0.010 min
Lab File: V00251126A05.D
Acq: 26 Nov 2025 08:18 am

Tgt Ion: 43 Resp: 1697

Ion	Ratio	Lower	Upper
43	100		
58	13.0	27.2	40.8#

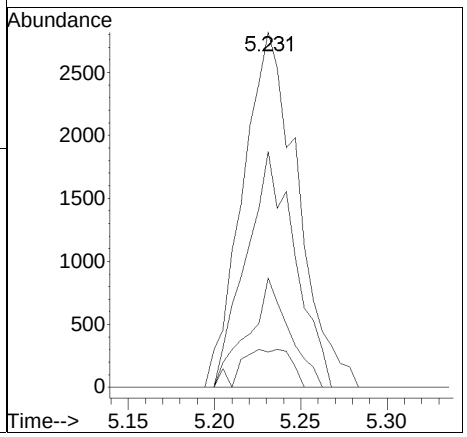


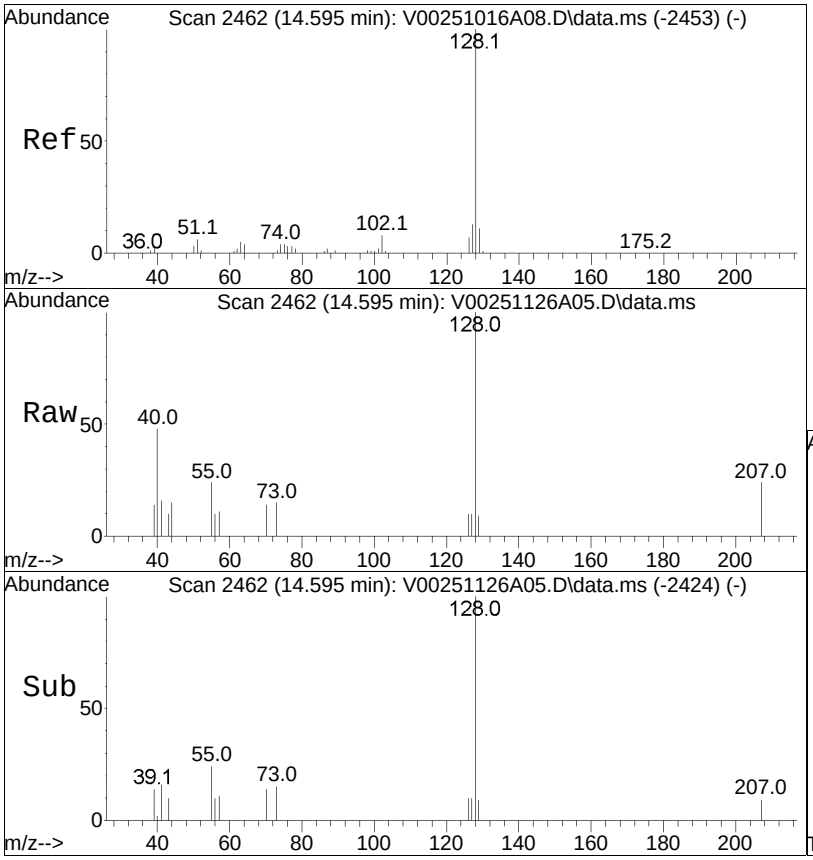


#33
Chloroform
Concen: 0.62 ug/L
RT: 5.231 min Scan# 676
Delta R.T. -0.005 min
Lab File: V00251126A05.D
Acq: 26 Nov 2025 08:18 am

Tgt Ion: 83 Resp: 6282

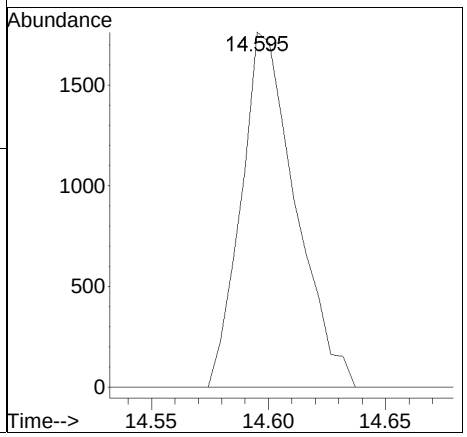
Ion	Ratio	Lower	Upper
83	100		
85	58.9	43.3	89.9
47	22.9	14.4	29.8
48	9.9	7.5	15.7

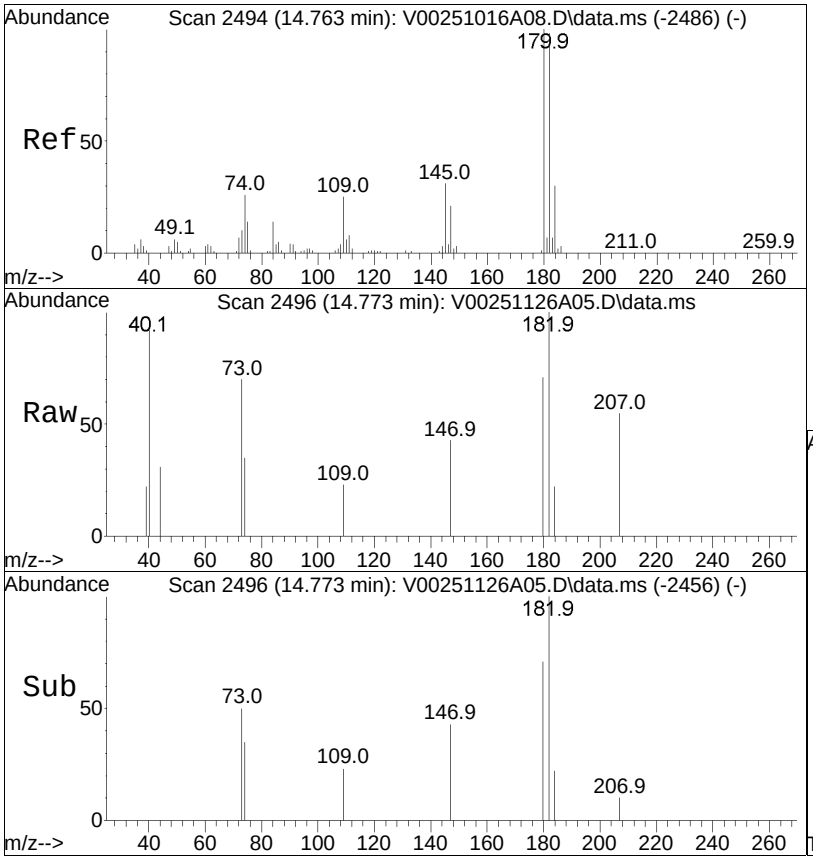




#111
Naphthalene
Concen: 0.16 ug/L
RT: 14.595 min Scan# 2462
Delta R.T. 0.000 min
Lab File: V00251126A05.D
Acq: 26 Nov 2025 08:18 am

Tgt Ion:128 Resp: 2857

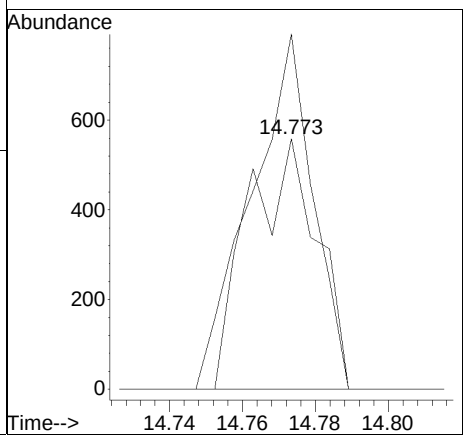




#112
1,2,3-Trichlorobenzene
Concen: 0.11 ug/L
RT: 14.773 min Scan# 2496
Delta R.T. 0.010 min
Lab File: V00251126A05.D
Acq: 26 Nov 2025 08:18 am

Tgt Ion:180 Resp: 739

Ion	Ratio	Lower	Upper
180	100		
182	126.9	75.4	113.2#
145	0.0	24.0	36.0#



Manual Integration Report

Data Path	: K:\VOA100\2025\251126A\	QMethod	: V100_251024A_8260.m
Data File	: V00251126A05.D	Operator	: VOA100:MNF
Date Inj'd	: 11/26/2025 8:18 am	Instrument	: VOA100
Sample	: WG2146922-5,31,5,5	Quant Date	: 11/26/2025 8:56 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A05.D
Acq On : 27 Nov 2025 5:56 am
Operator : GONZO:PID
Sample : WG2147438-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 27 08:06:32 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251127A\VG251127A01.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.949	96	357367	10.000 ug/L	0.00
Standard Area 1 = 438629			Recovery = 81.47%		
59) Chlorobenzene-d5	9.477	117	289538	10.000 ug/L	0.00
Standard Area 1 = 346963			Recovery = 83.45%		
79) 1,4-Dichlorobenzene-d4	12.198	152	163519	10.000 ug/L	0.00
Standard Area 1 = 218089			Recovery = 74.98%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.150	113	97793	10.368 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.68%		
43) 1,2-Dichloroethane-d4	5.667	65	106219	10.441 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.41%		
60) Toluene-d8	7.636	98	344813	9.260 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.60%		
83) 4-Bromofluorobenzene	10.981	95	125450	9.808 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.08%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	1.806	50	317	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.169	94	152	N.D.	
6) Chloroethane	2.233	64	156	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.944	76	296	N.D.	
15) Methylene chloride	3.478	84	148	N.D.	
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	4.509	43	68	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A05.D
Acq On : 27 Nov 2025 5:56 am
Operator : GONZO:PID
Sample : WG2147438-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 27 08:06:32 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251127A\VG251127A01.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	6.076	95	218		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.692	92	79		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.484	91	377		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	10.981	91	477		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	11.137	75	82		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A05.D
Acq On : 27 Nov 2025 5:56 am
Operator : GONZO:PID
Sample : WG2147438-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 27 08:06:32 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251127A\VG251127A01.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.816	105	65	N.D.		
98) sec-Butylbenzene	11.894	105	86	N.D.		
99) p-Isopropyltoluene	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	12.198	146	182	N.D.		
101) 1,4-Dichlorobenzene	12.198	146	182	N.D.		
102) p-Diethylbenzene	0.000		0	N.D.		
103) n-Butylbenzene	0.000		0	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
105) 1,2,4,5-Tetramethylben...	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
110) Naphthalene	14.348	128	754	0.335	ug/L	100
111) 1,2,3-Trichlorobenzene	14.518	180	99	N.D.		

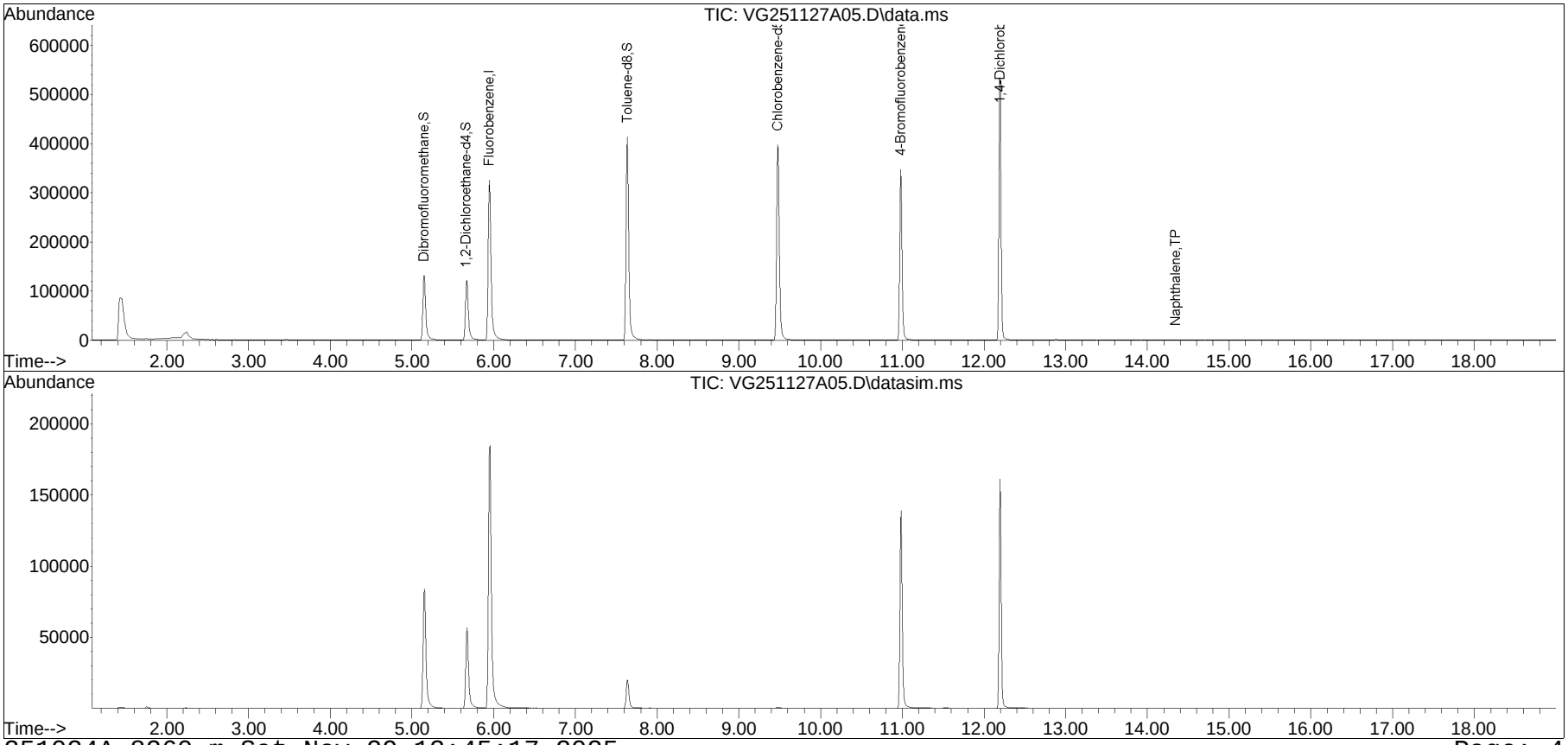
(#) = qualifier out of range (m) = manual integration (+) = signals summed

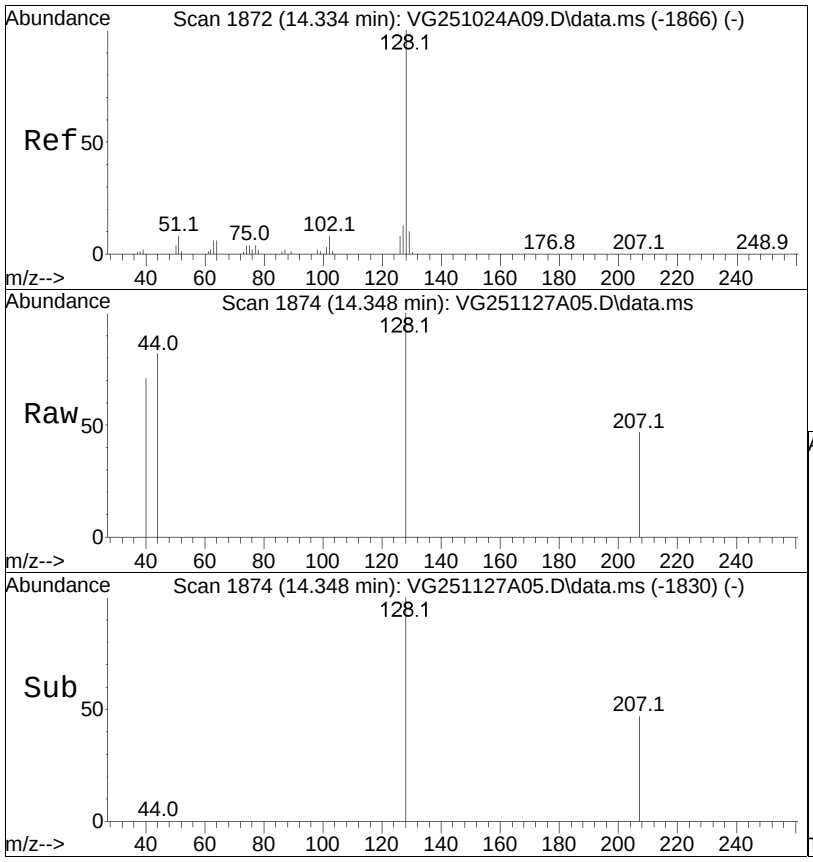
Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A05.D
Acq On : 27 Nov 2025 5:56 am
Operator : GONZO:PID
Sample : WG2147438-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 27 08:06:32 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

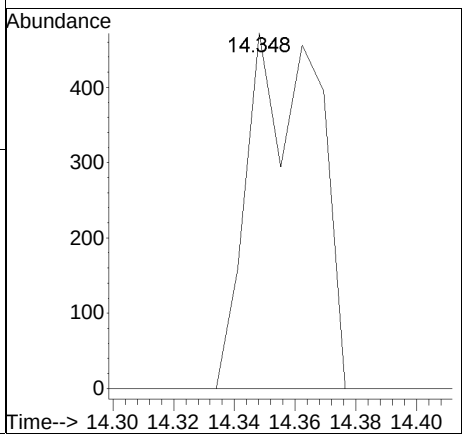
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE.D•





#110
Naphthalene
Concen: 0.34 ug/L
RT: 14.348 min Scan# 1874
Delta R.T. 0.014 min
Lab File: VG251127A05.D
Acq: 27 Nov 2025 5:56 am

Tgt Ion:128 Resp: 754



Manual Integration Report

Data Path	: K:\Gonzo\2025\251127A\	QMethod	: G_251024A_8260.m
Data File	: VG251127A05.D	Operator	: GONZO:PID
Date Inj'd	: 11/27/2025 5:56 am	Instrument	: Gonzo
Sample	: WG2147438-5,31,10,10	Quant Date	: 11/27/2025 8:05 am

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

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A05.D
Acq On : 28 Nov 2025 10:00 am
Operator : VOA123:AJK
Sample : WG2148010-5,31h,15,15,0.1
Misc : WG2148010,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 28 10:50:02 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251128A\V23251128A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.515	96	196237	20.000 ug/L	0.00
Standard Area 1 = 207853			Recovery = 94.41%		
59) Chlorobenzene-d5	8.992	117	138321	20.000 ug/L	0.00
Standard Area 1 = 151031			Recovery = 91.58%		
79) 1,4-Dichlorobenzene-d4	11.803	152	75506	20.000 ug/L	0.00
Standard Area 1 = 87472			Recovery = 86.32%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.737	113	46247	18.709 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.55%		
43) 1,2-Dichloroethane-d4	5.239	65	48738	19.263 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.32%		
60) Toluene-d8	7.174	98	178611	19.094 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.47%		
83) 4-Bromofluorobenzene	10.543	95	60518	17.928 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 89.64%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.310	85	28	N.D.	
3) Chloromethane	1.653	50	30	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.004	94	53	N.D.	
6) Chloroethane	2.057	64	34	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.640	76	1165	0.155 ug/L #	72
15) Methylene chloride	3.128	84	807	0.304 ug/L #	81
17) Acetone	3.228	43	85	Below Cal	94
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	3.895	43	27	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	4.561	83	3004	0.559 ug/L #	92

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A05.D
Acq On : 28 Nov 2025 10:00 am
Operator : VOA123:AJK
Sample : WG2148010-5,31h,15,15,0.1
Misc : WG2148010,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 28 10:50:02 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251128A\V23251128A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	4.868	43	29		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	5.596	95	112		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	6.299	83	31		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	8.627	43	29		N.D.	
73) Chlorobenzene	9.020	112	25		N.D.	
74) Ethylbenzene	9.084	91	31		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	10.537	91	137		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	11.293	119	28		N.D.	

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A05.D
Acq On : 28 Nov 2025 10:00 am
Operator : VOA123:AJK
Sample : WG2148010-5,31h,15,15,0.1
Misc : WG2148010,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 28 10:50:02 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251128A\V23251128A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	11.410	105	27	N.D.		
98)	sec-Butylbenzene	11.505	105	34	N.D.		
99)	p-Isopropyltoluene	11.670	119	31	N.D.		
100)	1,3-Dichlorobenzene	11.739	146	62	N.D.		
101)	1,4-Dichlorobenzene	11.820	146	372	N.D.		
102)	p-Diethylbenzene	0.000		0	N.D.		
103)	n-Butylbenzene	12.149	91	31	N.D.		
104)	1,2-Dichlorobenzene	12.283	146	28	N.D.		
105)	1,2,4,5-Tetramethylben...	12.871	119	475	N.D.		
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108)	Hexachlorobutadiene	13.669	225	138	N.D.		
109)	1,2,4-Trichlorobenzene	13.702	180	26	N.D.		
110)	Naphthalene	14.026	128	1739M1	0.233	ug/L	
111)	1,2,3-Trichlorobenzene	14.171	180	519	0.156	ug/L #	39

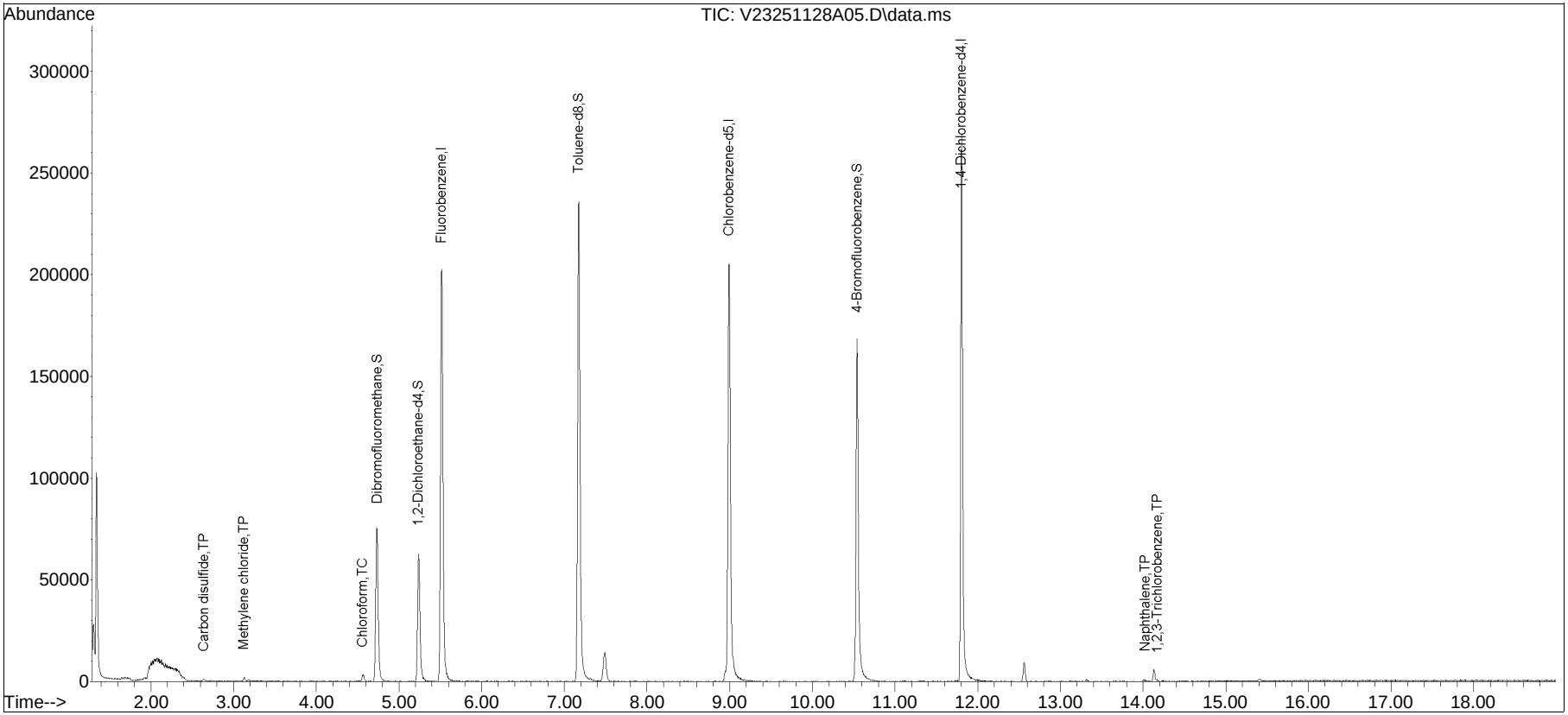
(#) = qualifier out of range (m) = manual integration (+) = signals summed

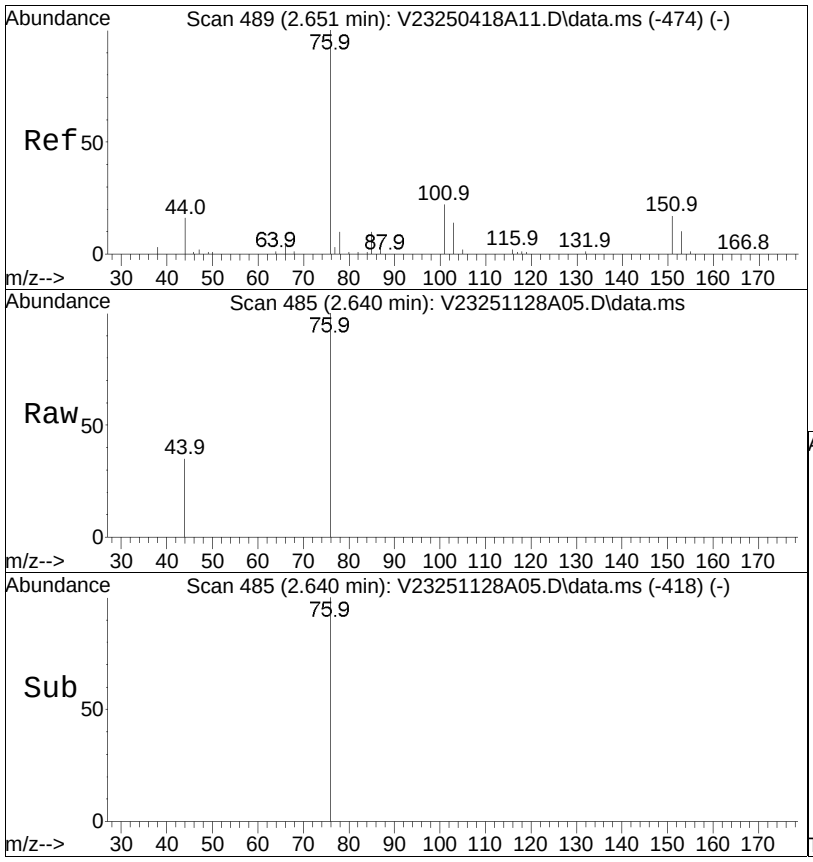
Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A05.D
Acq On : 28 Nov 2025 10:00 am
Operator : VOA123:AJK
Sample : WG2148010-5,31h,15,15,0.1
Misc : WG2148010,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 28 10:50:02 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

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

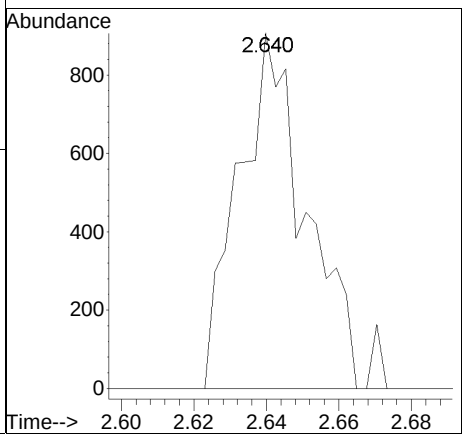


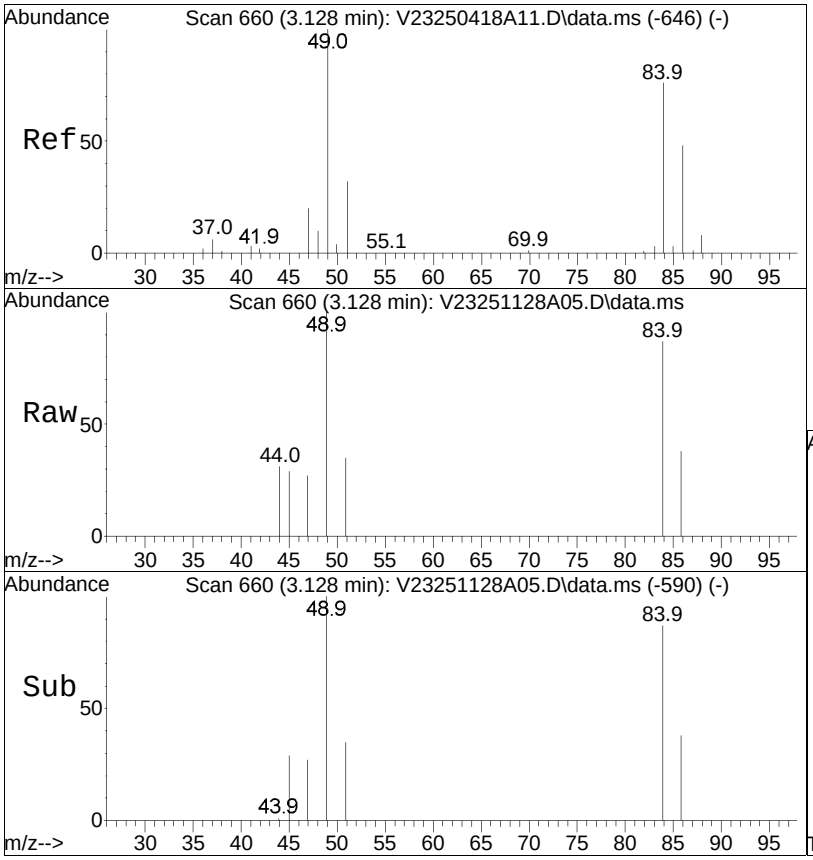


#11
Carbon disulfide
Concen: 0.15 ug/L
RT: 2.640 min Scan# 485
Delta R.T. -0.014 min
Lab File: V23251128A05.D
Acq: 28 Nov 2025 10:00 am

Tgt Ion: 76 Resp: 1165

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.7	13.9#

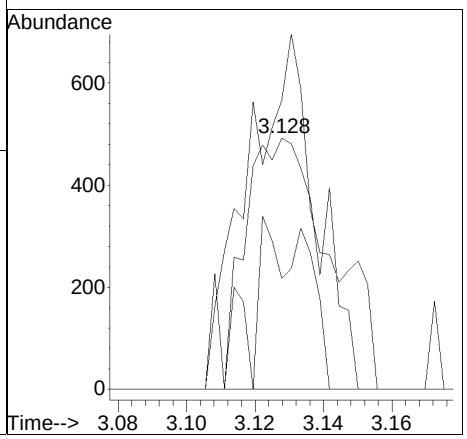


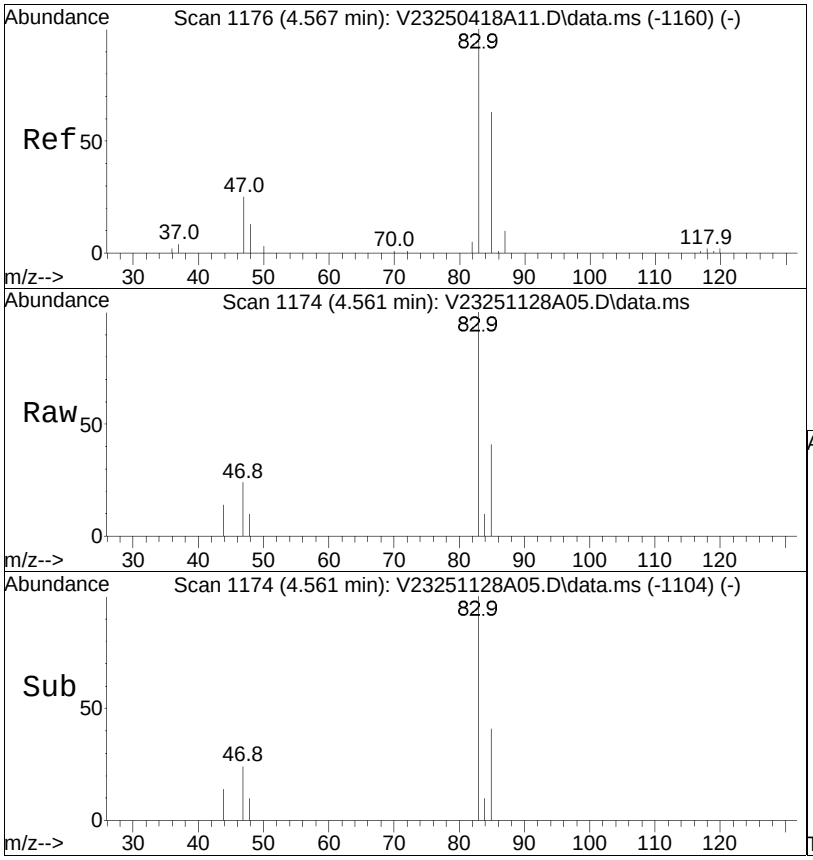


#15
Methylene chloride
Concen: 0.30 ug/L
RT: 3.128 min Scan# 660
Delta R.T. -0.006 min
Lab File: V23251128A05.D
Acq: 28 Nov 2025 10:00 am

Tgt Ion: 84 Resp: 807

Ion	Ratio	Lower	Upper
84	100		
86	25.3	42.0	87.2#
49	115.7	74.0	153.6

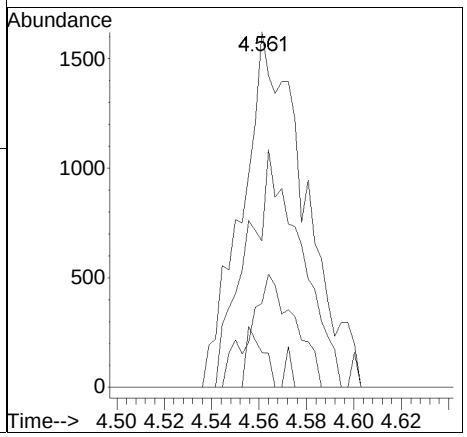


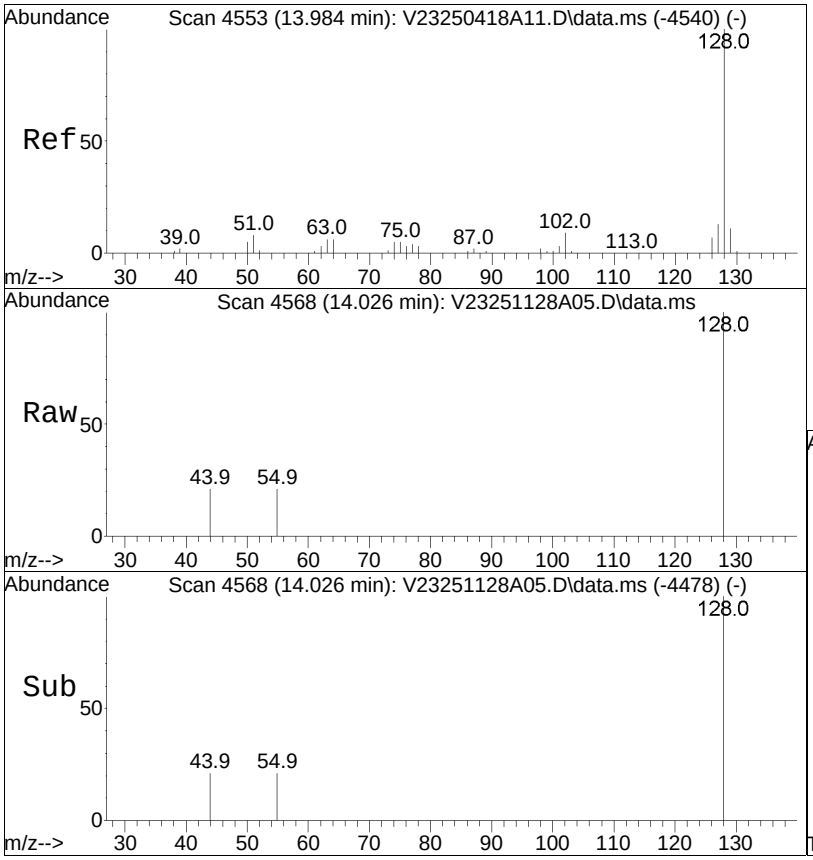


#32
Chloroform
Concen: 0.56 ug/L
RT: 4.561 min Scan# 1174
Delta R.T. -0.005 min
Lab File: V23251128A05.D
Acq: 28 Nov 2025 10:00 am

Tgt Ion: 83 Resp: 3004

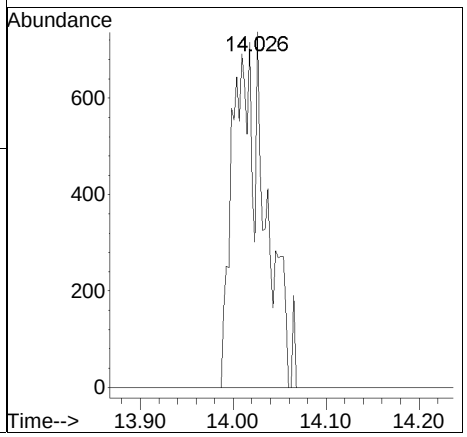
Ion	Ratio	Lower	Upper
83	100		
85	57.9	42.1	87.3
47	22.6	14.0	29.2
48	4.5	7.2	14.9#

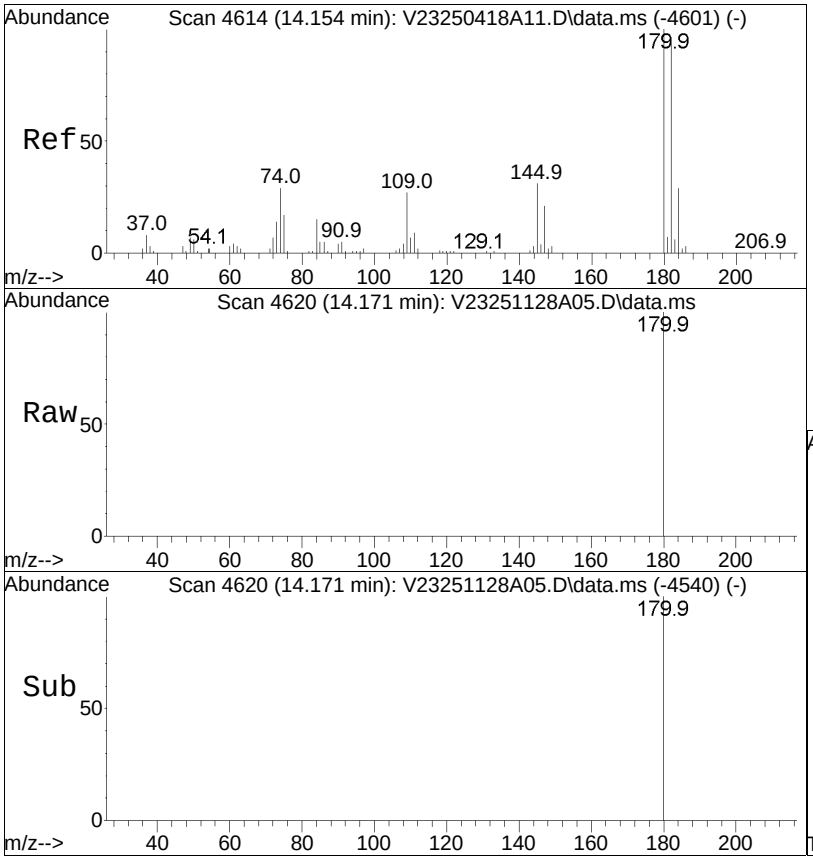




#110
Naphthalene
Concen: 0.23 ug/L M1
RT: 14.026 min Scan# 4568
Delta R.T. 0.050 min
Lab File: V23251128A05.D
Acq: 28 Nov 2025 10:00 am

Tgt Ion:128 Resp: 1739

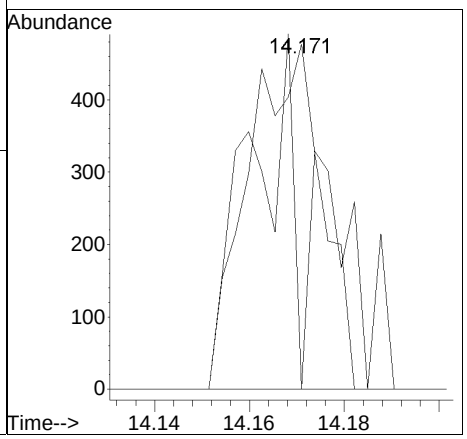




#111
1,2,3-Trichlorobenzene
Concen: 0.16 ug/L
RT: 14.171 min Scan# 4620
Delta R.T. 0.022 min
Lab File: V23251128A05.D
Acq: 28 Nov 2025 10:00 am

Tgt Ion:180 Resp: 519

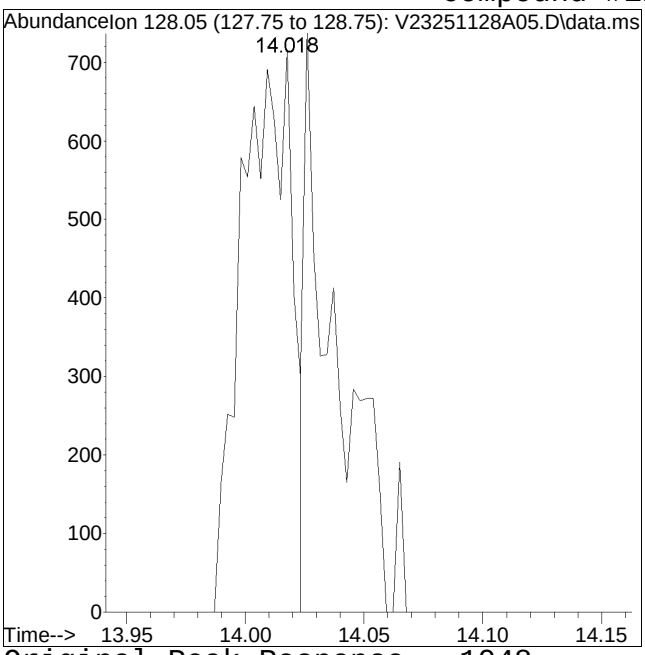
Ion	Ratio	Lower	Upper
180	100		
182	34.1	75.4	113.0#
145	0.0	25.2	37.8#



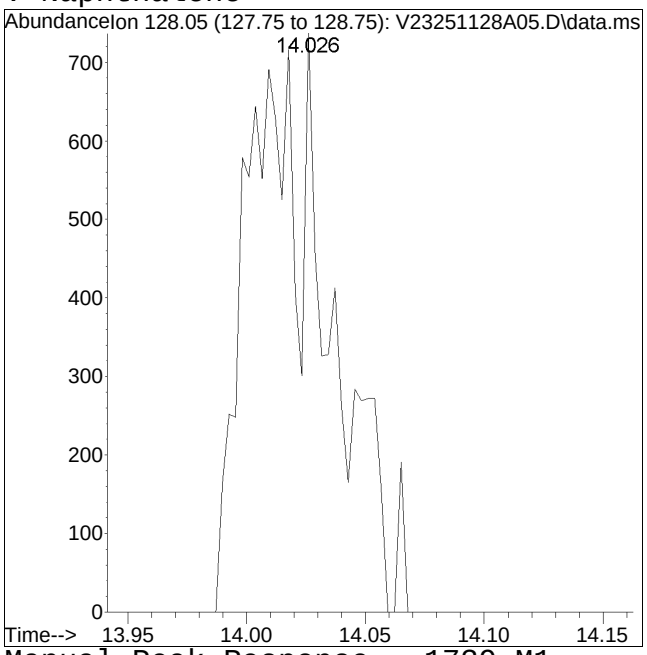
Manual Integration Report

Data Path : K:\VOA123\2025\251128A\ QMethod : V123_251103N_8260.m
Data File : V23251128A05.D Operator : VOA123:AJK
Date Inj'd : 11/28/2025 10:00 am Instrument : VOA123
Sample : WG2148010-5,31h,15,15,0.1 Quant Date : 11/28/2025 10:48 am

Compound #110: Naphthalene



Original Peak Response = 1048



Manual Peak Response = 1739 M1

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

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A05.D
Acq On : 01 Dec 2025 09:53 am
Operator : VOA129:AJK
Sample : WG2148464-5,31h,15,15,0.1
Misc : WG2148464,ICAL22852
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 01 10:42:03 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251201A\V29251201A02.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.956	96	282166	20.000	ug/L	0.00
Standard Area 1 = 308067			Recovery =	91.59%		
59) Chlorobenzene-d5	8.793	117	216897	20.000	ug/L	0.00
Standard Area 1 = 231104			Recovery =	93.85%		
79) 1,4-Dichlorobenzene-d4	10.250	152	117034	20.000	ug/L	0.00
Standard Area 1 = 134547			Recovery =	86.98%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.028	113	72825	20.758	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	103.79%		
43) 1,2-Dichloroethane-d4	5.631	65	85939	21.370	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	106.85%		
60) Toluene-d8	7.592	98	274153	19.827	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	99.14%		
83) 4-Bromofluorobenzene	9.584	95	104444	20.804	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	104.02%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D. d		
3) Chloromethane	0.000		0	N.D. d		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.641	94	56	N.D.		
6) Chloroethane	1.641	64	60	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	2.139	96	60	N.D.		
11) Carbon disulfide	2.160	76	225	N.D.		
15) Methylene chloride	2.726	84	2448	0.630	ug/L	97
17) Acetone	2.800	43	4136	3.513	ug/L #	82
18) trans-1,2-Dichloroethene	2.989	96	99	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	4.042	43	154	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	4.808	83	1400	0.193	ug/L #	71

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A05.D
Acq On : 01 Dec 2025 09:53 am
Operator : VOA129:AJK
Sample : WG2148464-5,31h,15,15,0.1
Misc : WG2148464,ICAL22852
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 01 10:42:03 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251201A\V29251201A02.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D. d		
40) 1,1-Dichloropropene	5.175	75	107	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	5.705	62	138	N.D.		
48) Trichloroethene	6.134	95	49	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.634	92	183	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	7.938	75	75	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D. d		
73) Chlorobenzene	8.798	112	512	N.D.		
74) Ethylbenzene	8.940	91	605	N.D.		
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	8.940	106	183	N.D.		
77) o Xylene	9.207	106	176	N.D.		
78) Styrene	9.249	104	690	N.D.		
80) Bromoform	9.254	173	54	N.D.		
82) Isopropylbenzene	9.422	105	181	N.D.		
84) Bromobenzene	9.642	156	328	0.074	ug/L #	76
85) n-Propylbenzene	9.674	91	747	N.D.		
87) 1,1,2,2-Tetrachloroethane	9.584	83	49	N.D.		
88) 4-Ethyltoluene	9.736	105	1142	0.072	ug/L #	71
89) 2-Chlorotoluene	9.757	91	210	N.D.		
90) 1,3,5-Trimethylbenzene	9.789	105	379	N.D.		
91) 1,2,3-Trichloropropane	0.000		0	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
93) 4-Chlorotoluene	9.862	91	929	0.074	ug/L #	64
94) tert-Butylbenzene	0.000		0	N.D.		

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A05.D
Acq On : 01 Dec 2025 09:53 am
Operator : VOA129:AJK
Sample : WG2148464-5,31h,15,15,0.1
Misc : WG2148464,ICAL22852
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 01 10:42:03 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251201A\V29251201A02.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
97) 1,2,4-Trimethylbenzene	10.025	105	634	N.D.			
98) sec-Butylbenzene	10.088	105	490	N.D.			
99) p-Isopropyltoluene	10.172	119	468	N.D.			
100) 1,3-Dichlorobenzene	10.198	146	856	0.099	ug/L	#	78
101) 1,4-Dichlorobenzene	10.250	146	697	0.082	ug/L	#	1
102) p-Diethylbenzene	10.376	119	48	N.D.			
103) n-Butylbenzene	10.408	91	669	N.D.			
104) 1,2-Dichlorobenzene	10.497	146	579	0.074	ug/L		98
105) 1,2,4,5-Tetramethylben...	10.827	119	675	N.D.			
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.			
108) Hexachlorobutadiene	11.320	225	214	N.D.			
109) 1,2,4-Trichlorobenzene	11.330	180	927	0.162	ug/L	#	75
110) Naphthalene	11.514	128	2462	0.244	ug/L		100
111) 1,2,3-Trichlorobenzene	11.619	180	1033	0.198	ug/L	#	85

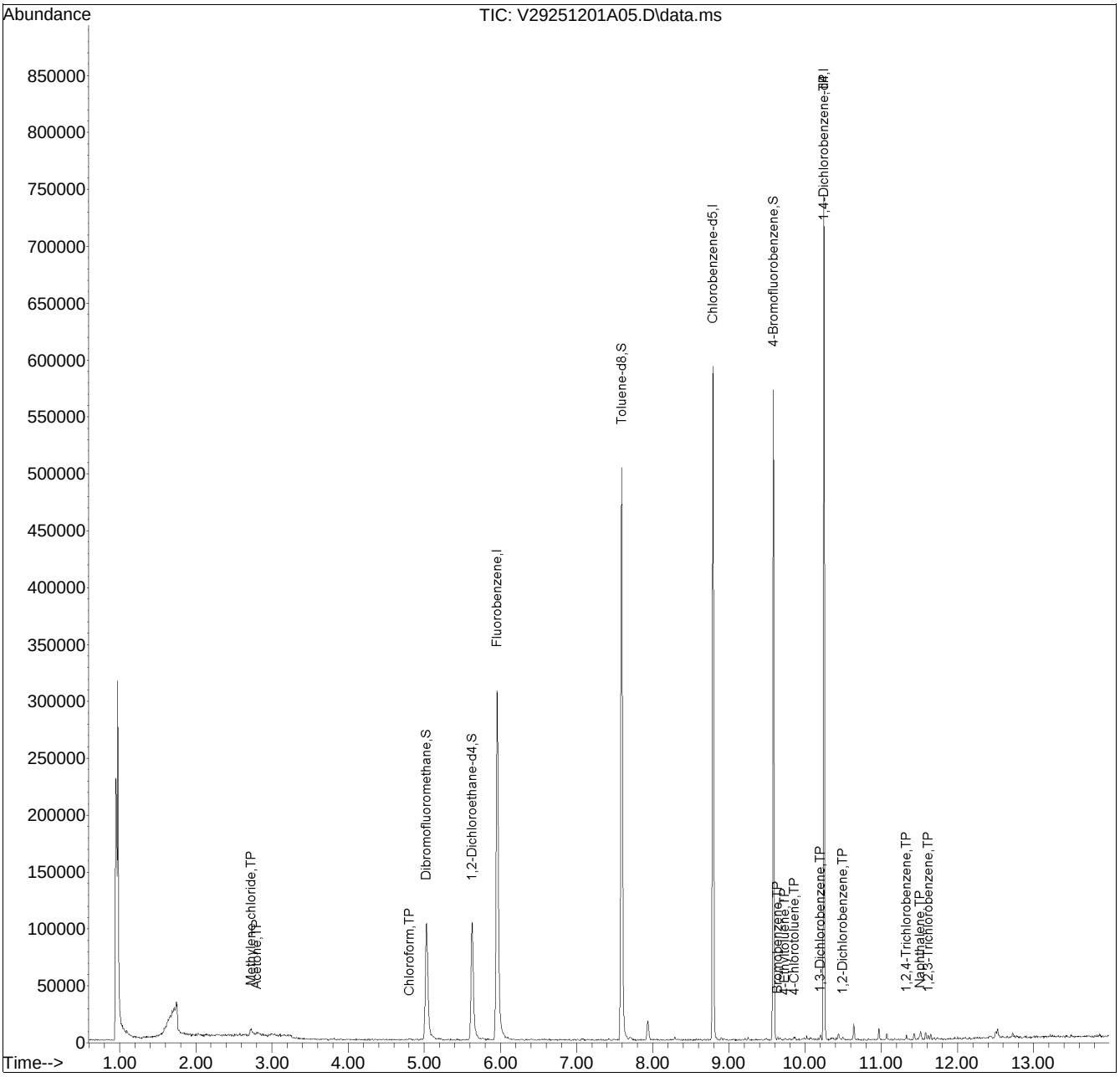
(#) = qualifier out of range (m) = manual integration (+) = signals summed

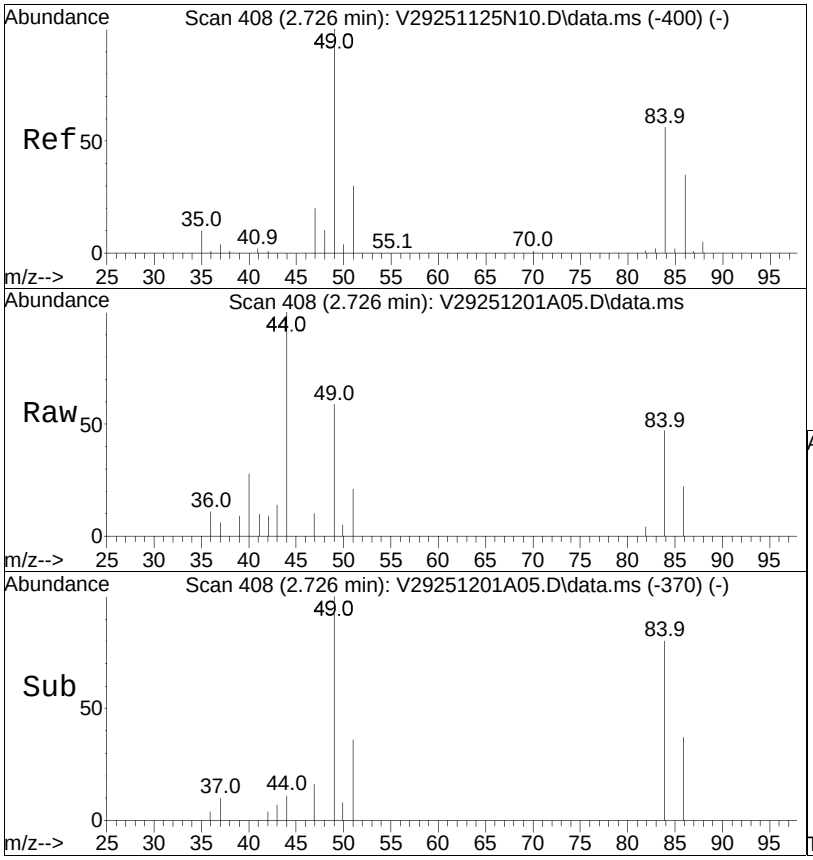
Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A05.D
Acq On : 01 Dec 2025 09:53 am
Operator : VOA129:AJK
Sample : WG2148464-5,31h,15,15,0.1
Misc : WG2148464,ICAL22852
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 01 10:42:03 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox01A02.D•

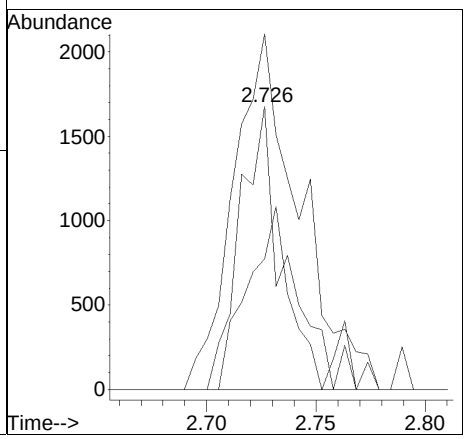


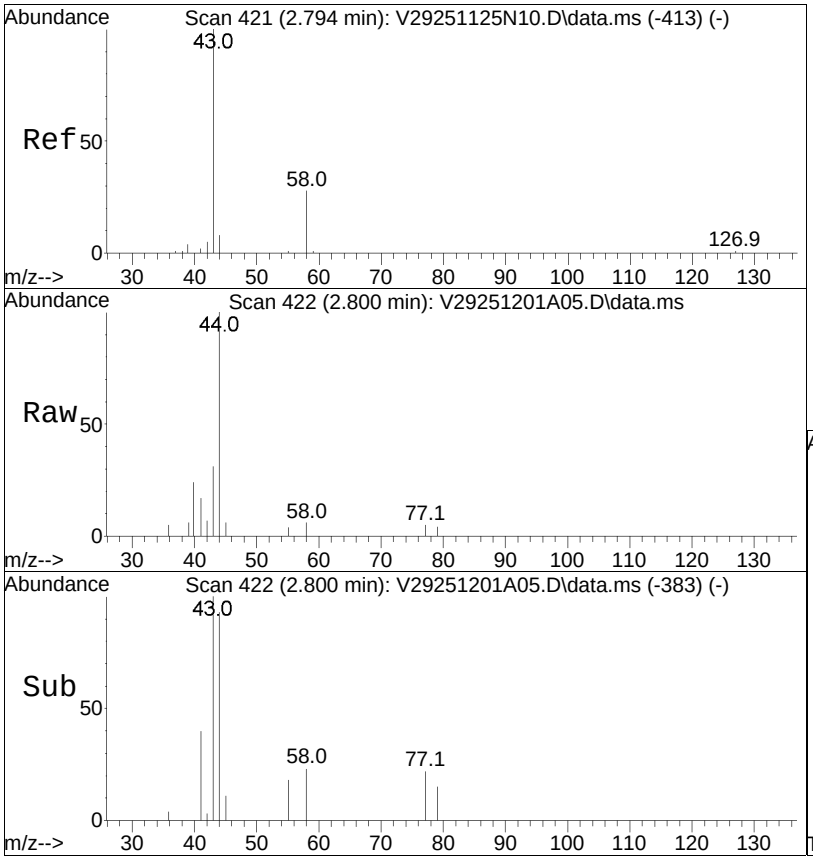


#15
Methylene chloride
Concen: 0.63 ug/L
RT: 2.726 min Scan# 408
Delta R.T. 0.000 min
Lab File: V29251201A05.D
Acq: 01 Dec 2025 09:53 am

Tgt Ion: 84 Resp: 2448

Ion	Ratio	Lower	Upper
84	100		
86	60.0	40.4	83.8
49	181.0	120.0	249.2

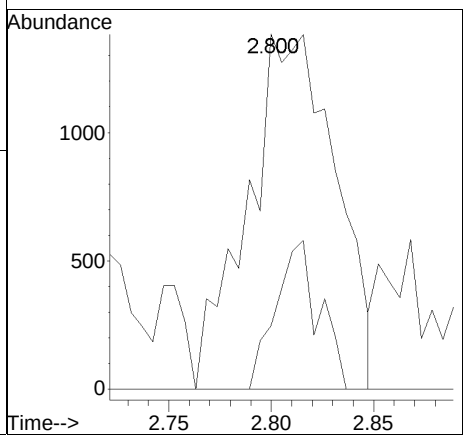


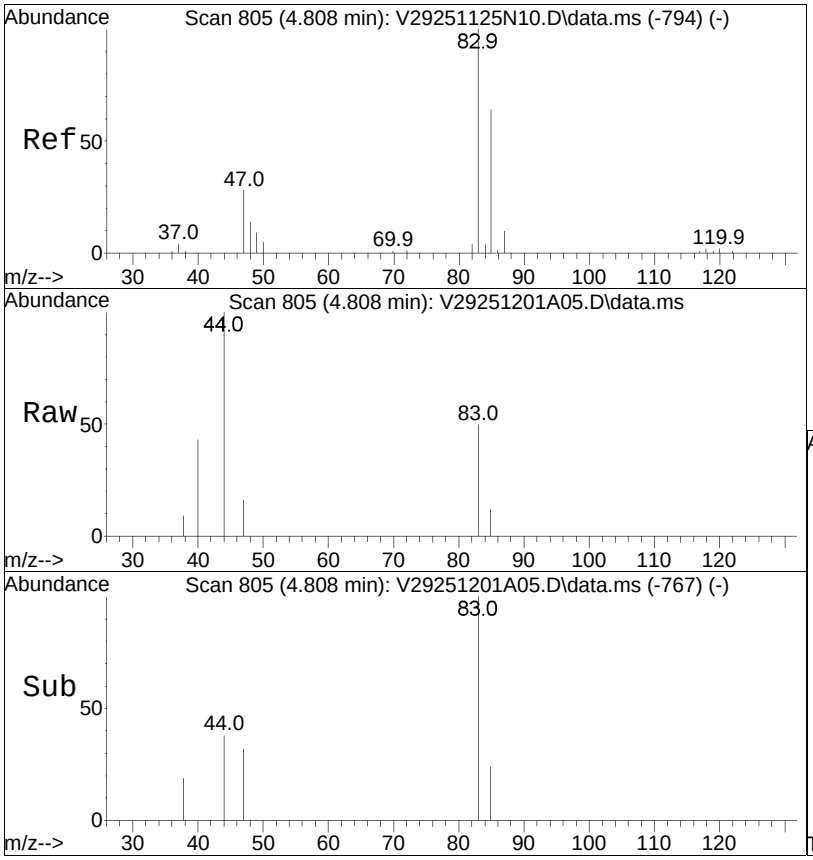


#17
Acetone
Concen: 3.51 ug/L
RT: 2.800 min Scan# 422
Delta R.T. 0.006 min
Lab File: V29251201A05.D
Acq: 01 Dec 2025 09:53 am

Tgt Ion: 43 Resp: 4136

Ion	Ratio	Lower	Upper
43	100		
58	20.7	24.2	36.4#

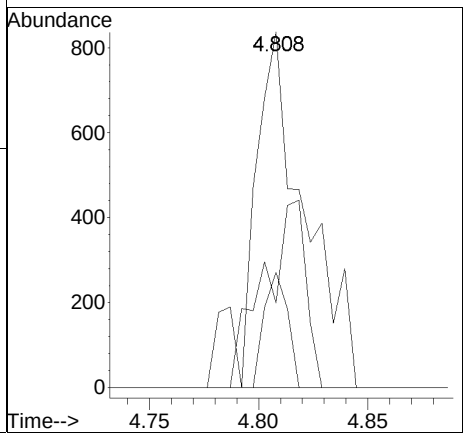


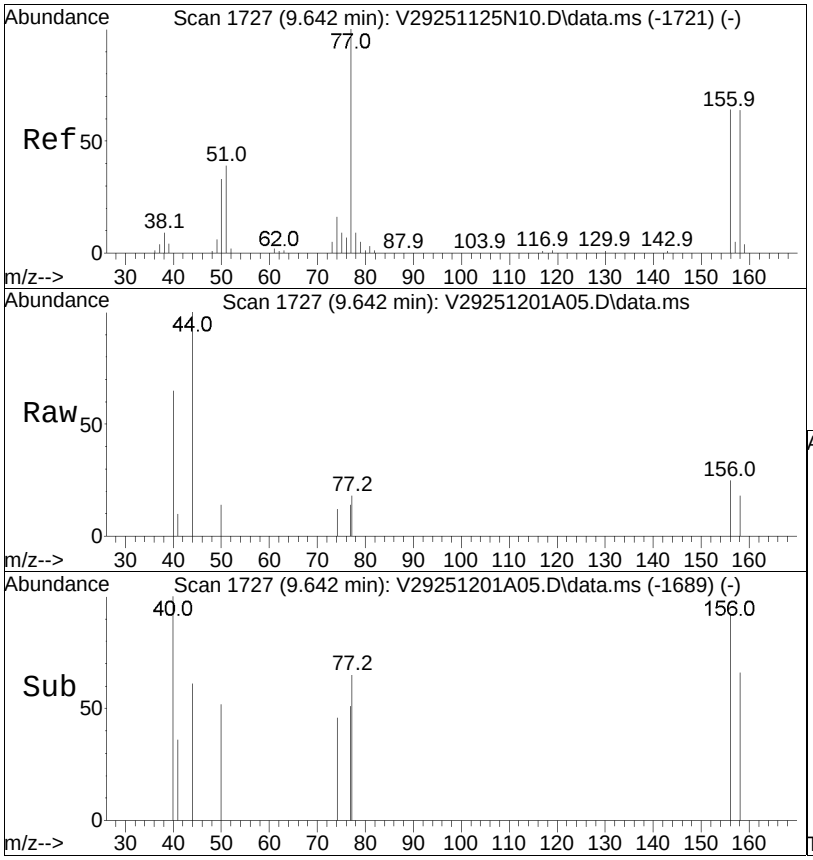


#32
Chloroform
Concen: 0.19 ug/L
RT: 4.808 min Scan# 805
Delta R.T. 0.000 min
Lab File: V29251201A05.D
Acq: 01 Dec 2025 09:53 am

Tgt Ion: 83 Resp: 1400

Ion	Ratio	Lower	Upper
83	100		
85	42.3	41.5	86.1
47	14.5	19.0	39.4#
48	0.0	9.9	20.5#

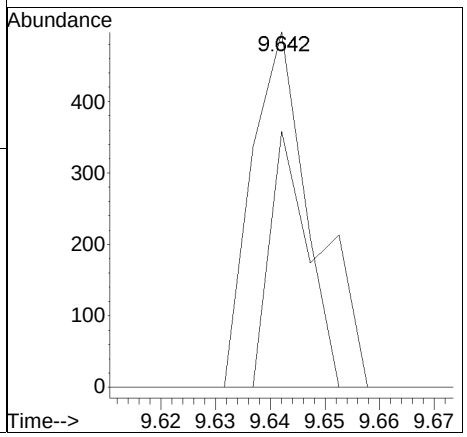


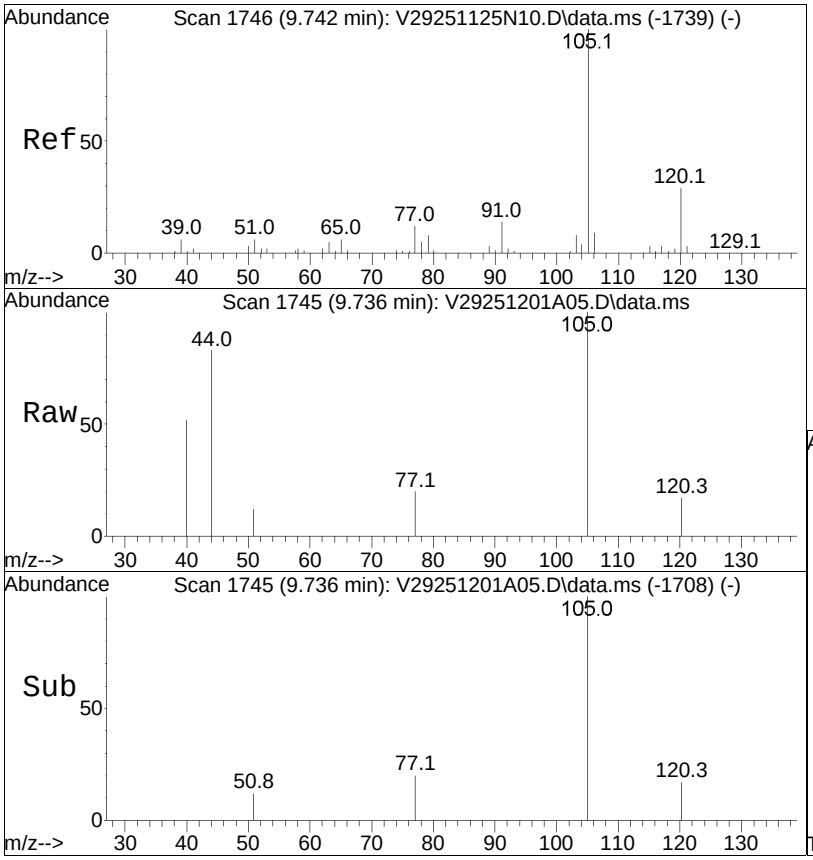


#84
Bromobenzene
Concen: 0.07 ug/L
RT: 9.642 min Scan# 1727
Delta R.T. 0.000 min
Lab File: V29251201A05.D
Acq: 01 Dec 2025 09:53 am

Tgt Ion:156 Resp: 328

Ion	Ratio	Lower	Upper
156	100		
158	71.3	75.9	113.9#

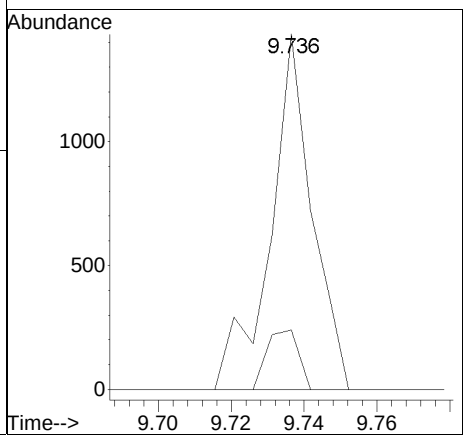


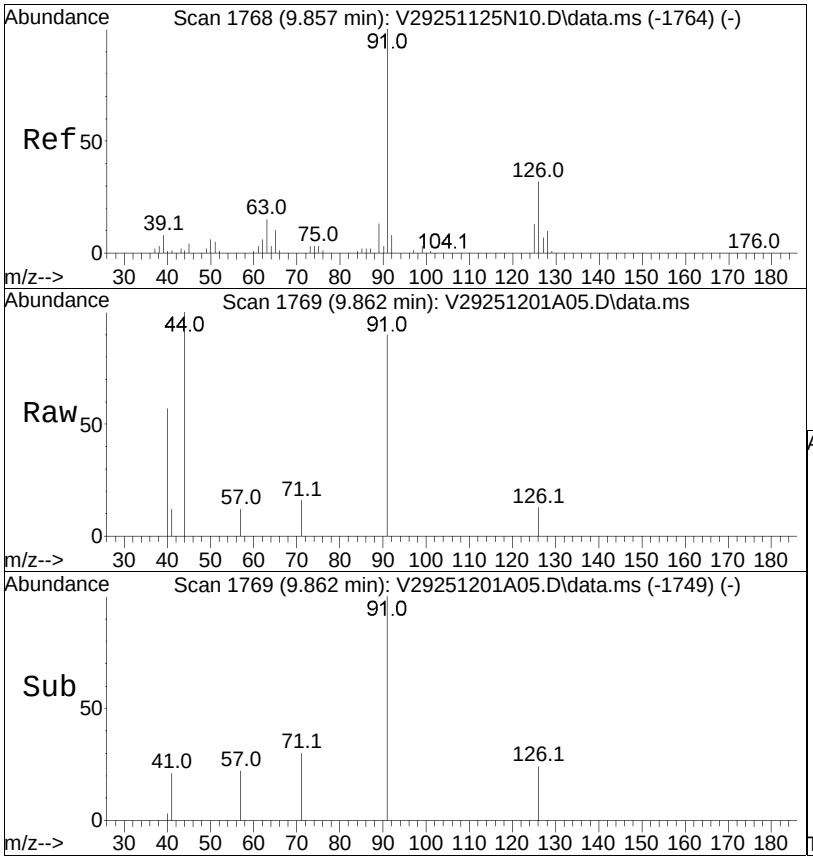


#88
4-Ethyltoluene
Concen: 0.07 ug/L
RT: 9.736 min Scan# 1745
Delta R.T. -0.005 min
Lab File: V29251201A05.D
Acq: 01 Dec 2025 09:53 am

Tgt Ion:105 Resp: 1142

Ion	Ratio	Lower	Upper
105	100		
120	12.7	18.1	37.7#

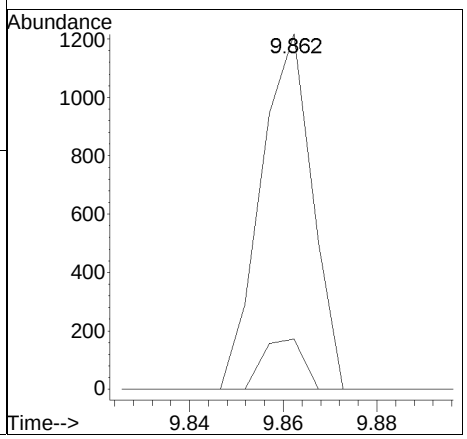


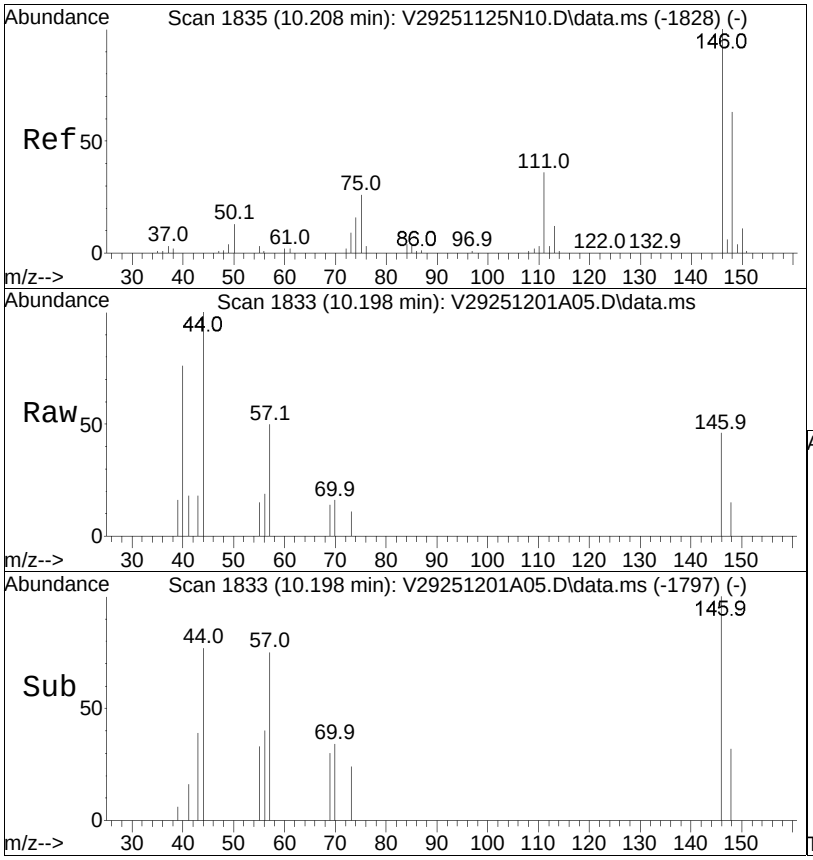


#93
4-Chlorotoluene
Concen: 0.07 ug/L
RT: 9.862 min Scan# 1769
Delta R.T. 0.005 min
Lab File: V29251201A05.D
Acq: 01 Dec 2025 09:53 am

Tgt Ion: 91 Resp: 929

Ion	Ratio	Lower	Upper
91	100		
126	11.2	24.6	36.8#

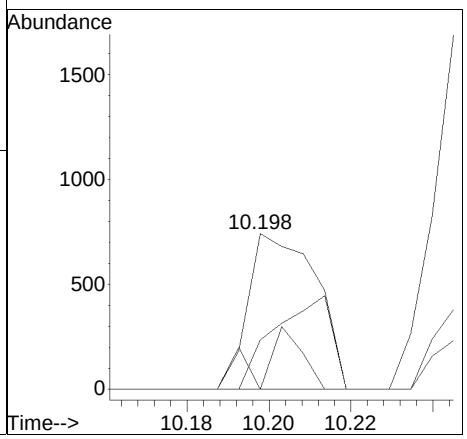


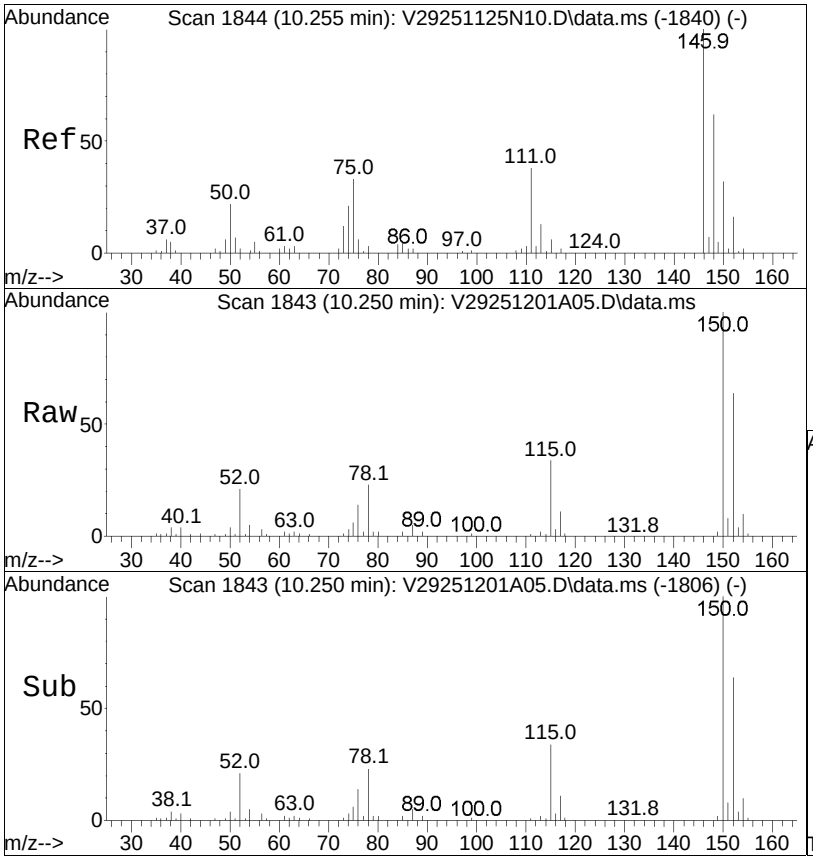


#100
1,3-Dichlorobenzene
Concen: 0.10 ug/L
RT: 10.198 min Scan# 1833
Delta R.T. -0.010 min
Lab File: V29251201A05.D
Acq: 01 Dec 2025 09:53 am

Tgt Ion:146 Resp: 856

Ion	Ratio	Lower	Upper
146	100		
111	24.6	27.5	57.1#
148	50.4	41.9	86.9

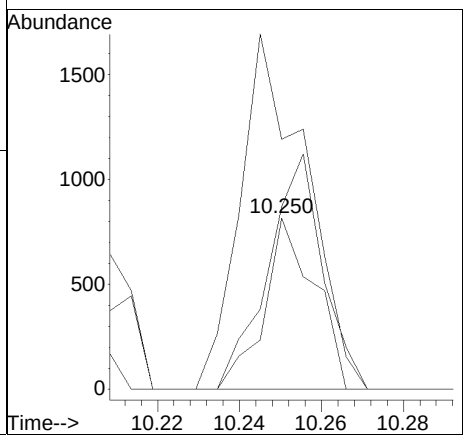


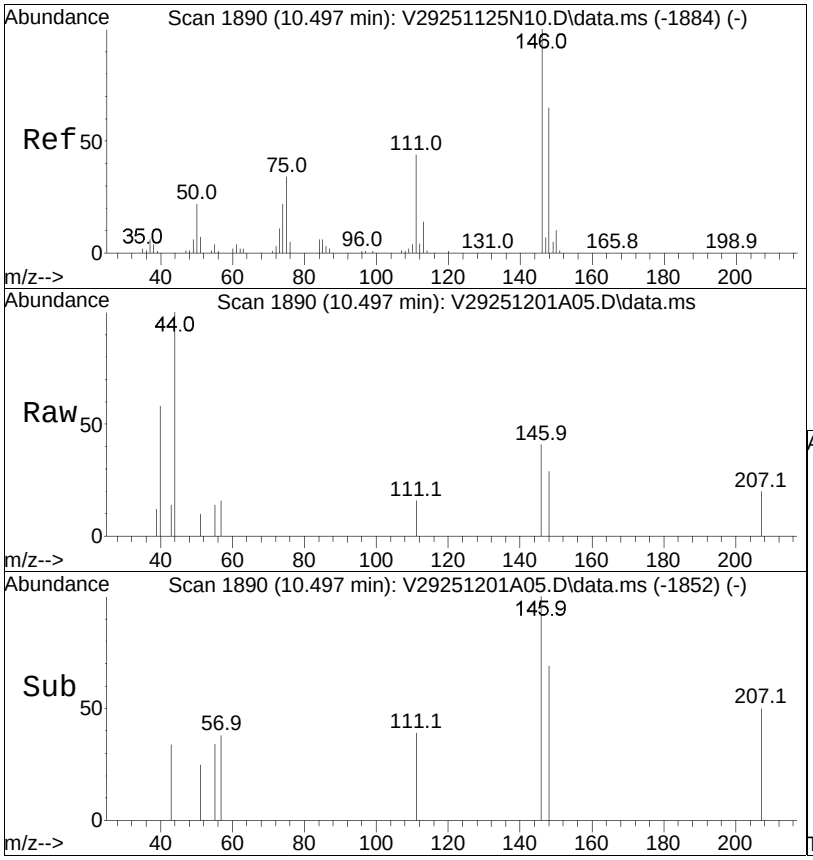


#101
1,4-Dichlorobenzene
Concen: 0.08 ug/L
RT: 10.250 min Scan# 1843
Delta R.T. -0.005 min
Lab File: V29251201A05.D
Acq: 01 Dec 2025 09:53 am

Tgt Ion:146 Resp: 697

Ion	Ratio	Lower	Upper
146	100		
111	271.0	32.3	48.5#
148	149.9	49.9	74.9#

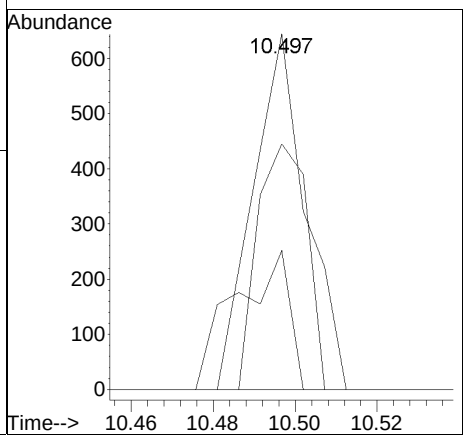


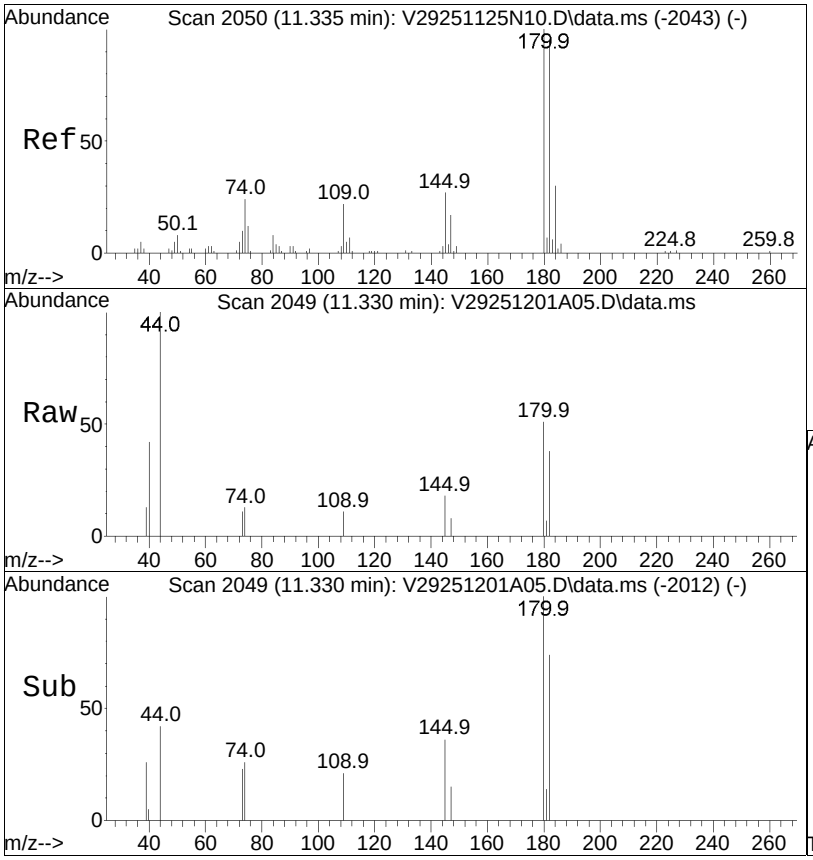


#104
1,2-Dichlorobenzene
Concen: 0.07 ug/L
RT: 10.497 min Scan# 1890
Delta R.T. -0.000 min
Lab File: V29251201A05.D
Acq: 01 Dec 2025 09:53 am

Tgt Ion:146 Resp: 579

Ion	Ratio	Lower	Upper
146	100		
111	40.1	28.3	58.7
148	64.6	42.3	87.8

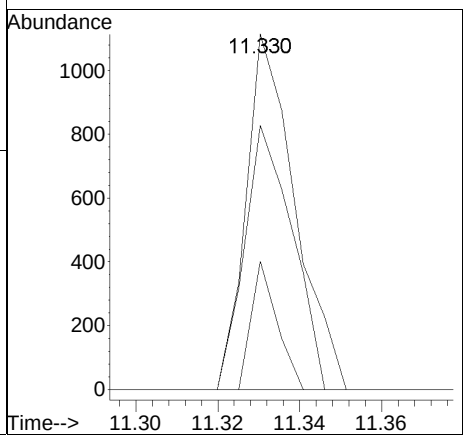


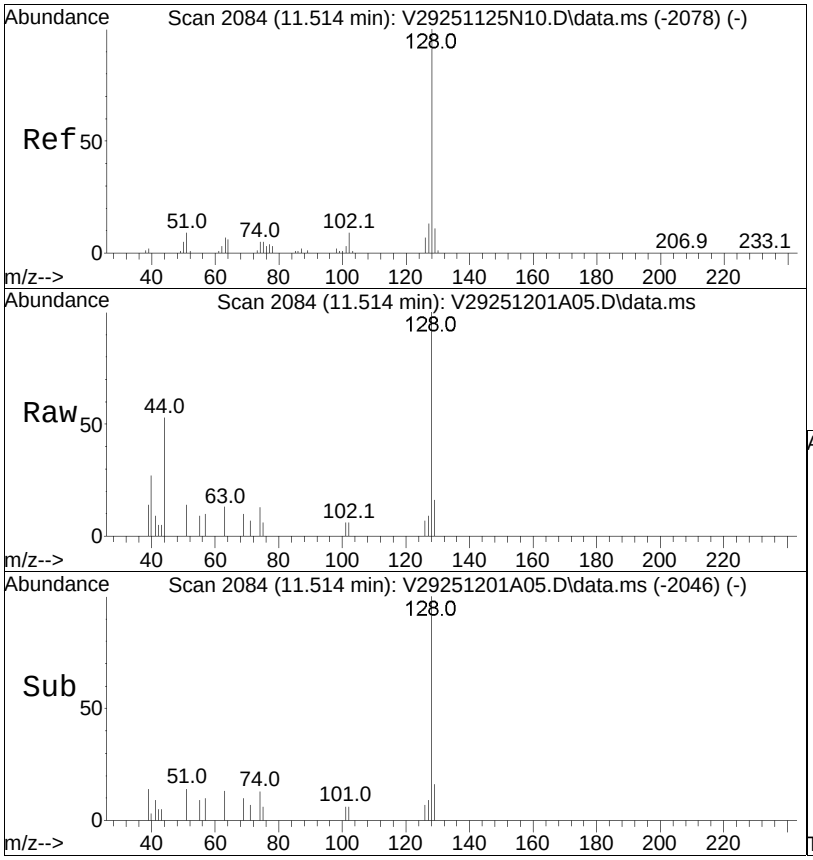


#109
1,2,4-Trichlorobenzene
Concen: 0.16 ug/L
RT: 11.330 min Scan# 2049
Delta R.T. -0.005 min
Lab File: V29251201A05.D
Acq: 01 Dec 2025 09:53 am

Tgt Ion:180 Resp: 927

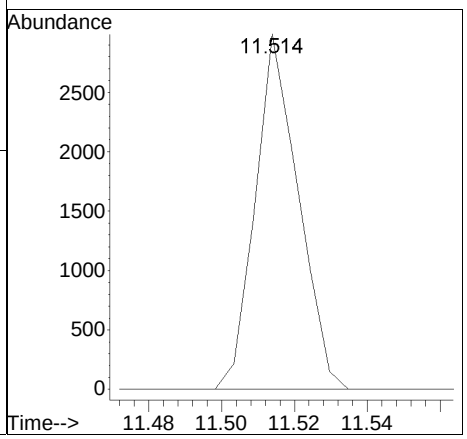
Ion	Ratio	Lower	Upper
180	100		
182	72.6	77.3	115.9#
145	19.0	28.1	42.1#

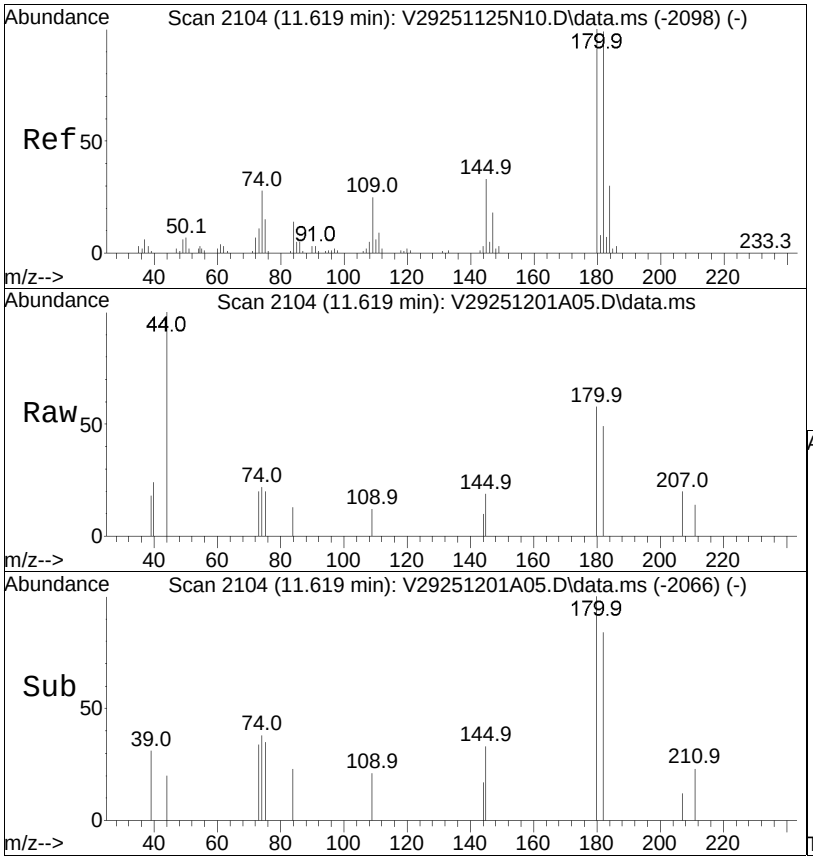




#110
Naphthalene
Concen: 0.24 ug/L
RT: 11.514 min Scan# 2084
Delta R.T. 0.000 min
Lab File: V29251201A05.D
Acq: 01 Dec 2025 09:53 am

Tgt Ion:128 Resp: 2462

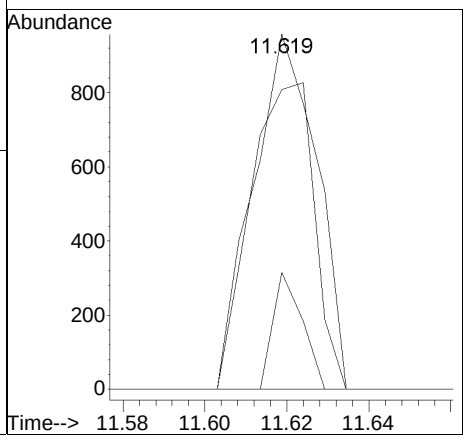




#111
1,2,3-Trichlorobenzene
Concen: 0.20 ug/L
RT: 11.619 min Scan# 2104
Delta R.T. 0.000 min
Lab File: V29251201A05.D
Acq: 01 Dec 2025 09:53 am

Tgt Ion:180 Resp: 1033

Ion	Ratio	Lower	Upper
180	100		
182	86.4	77.8	116.6
145	15.2	25.2	37.8#



Manual Integration Report

Data Path	: K:\VOA129\2025\251201A\	QMethod	: V129_251125N_8260.m
Data File	: V29251201A05.D	Operator	: VOA129:AJK
Date Inj'd	: 12/1/2025 9:53 am	Instrument	: VOA 129
Sample	: WG2148464-5,31h,15,15,0.1	Quant Date	: 12/1/2025 10:38 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A01.D
Acq On : 27 Nov 2025 4:10 am
Operator : GONZO:PID
Sample : WG2147438-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 27 05:08:18 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.942	96	438629	10.000	ug/L	0.00
59) Chlorobenzene-d5	9.470	117	346963	10.000	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	12.191	152	218089	10.000	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	5.143	113	110459	9.541	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.41%			
43) 1,2-Dichloroethane-d4	5.667	65	128898	10.323	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.23%			
60) Toluene-d8	7.629	98	431515	9.670	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.70%			
83) 4-Bromofluorobenzene	10.974	95	163813	9.603	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.03%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.614	85	136636	12.396	ug/L	98
3) Chloromethane	1.806	50	180504	11.675	ug/L	99
4) Vinyl chloride	1.870	62	151029	11.380	ug/L	98
5) Bromomethane	2.176	94	47283	4.986	ug/L	98
6) Chloroethane	2.276	64	71201	8.441	ug/L	96
7) Trichlorofluoromethane	2.418	101	167107	10.857	ug/L	99
8) Ethyl ether	2.717	74	50961	9.973	ug/L	88
10) 1,1-Dichloroethene	2.909	96	97072	10.124	ug/L	95
11) Carbon disulfide	2.944	76	340561	10.759	ug/L	99
15) Methylene chloride	3.464	84	114470	9.980	ug/L	84
17) Acetone	3.506	43	20341	9.428	ug/L	97
18) trans-1,2-Dichloroethene	3.606	96	111766	10.211	ug/L	95
20) Methyl tert-butyl ether	3.698	73	235254	9.595	ug/L	92
23) 1,1-Dichloroethane	4.189	63	237407	10.749	ug/L	100
25) Acrylonitrile	4.246	53	26940	10.001	ug/L	97
27) Vinyl acetate	4.417	43	275624	11.875	ug/L	97
28) cis-1,2-Dichloroethene	4.702	96	128228	10.585	ug/L	94
29) 2,2-Dichloropropane	4.801	77	176605	11.663	ug/L	88
30) Bromochloromethane	4.894	128	59001	11.090	ug/L	87
32) Chloroform	4.965	83	209341	10.470	ug/L	95
34) Carbon tetrachloride	5.093	117	165102	10.553	ug/L	99
37) 1,1,1-Trichloroethane	5.157	97	180009	10.531	ug/L	97
39) 2-Butanone	5.264	43	38206	11.396	ug/L	94
40) 1,1-Dichloropropene	5.285	75	150271	10.957	ug/L	99

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A01.D
Acq On : 27 Nov 2025 4:10 am
Operator : GONZO:PID
Sample : WG2147438-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 27 05:08:18 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Benzene	5.526	78	484337	11.185	ug/L		98
44) 1,2-Dichloroethane	5.738	62	152208	10.833	ug/L		99
48) Trichloroethene	6.126	95	126857	10.341	ug/L		98
50) Dibromomethane	6.570	93	60473	10.468	ug/L		99
51) 1,2-Dichloropropane	6.662	63	127030	10.233	ug/L		96
54) Bromodichloromethane	6.740	83	156877	10.380	ug/L		97
57) 1,4-Dioxane	6.951	88	32940	511.429	ug/L		97
58) cis-1,3-Dichloropropene	7.431	75	171118	10.365	ug/L		93
61) Toluene	7.685	92	305054	10.518	ug/L		98
62) 4-Methyl-2-pentanone	8.130	58	23912	9.043	ug/L		75
63) Tetrachloroethene	8.130	166	144242	10.823	ug/L		99
65) trans-1,3-Dichloropropene	8.179	75	141243	10.353	ug/L		88
68) 1,1,2-Trichloroethane	8.363	83	73265	10.379	ug/L		99
69) Chlorodibromomethane	8.574	129	112697	9.903	ug/L		98
70) 1,3-Dichloropropane	8.687	76	144813	10.263	ug/L		97
71) 1,2-Dibromoethane	8.849	107	80268	9.726	ug/L	#	100
72) 2-Hexanone	9.139	43	48734	10.059	ug/L		92
73) Chlorobenzene	9.492	112	361328	10.649	ug/L		98
74) Ethylbenzene	9.527	91	590472	10.596	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.576	131	125549	10.164	ug/L		99
76) p/m Xylene	9.717	106	481562	21.862	ug/L		98
77) o Xylene	10.261	106	462844	21.429	ug/L		100
78) Styrene	10.331	104	775251	22.041	ug/L		96
80) Bromoform	10.359	173	70397	9.639	ug/L		99
82) Isopropylbenzene	10.642	105	623273	11.044	ug/L		100
84) Bromobenzene	11.087	156	159589	10.419	ug/L		99
85) n-Propylbenzene	11.130	91	748694	11.020	ug/L		100
87) 1,1,2,2-Tetrachloroethane	11.229	83	105495	10.291	ug/L		98
88) 4-Ethyltoluene	11.257	105	626679	11.059	ug/L		99
89) 2-Chlorotoluene	11.300	91	434237M6	10.331	ug/L		
90) 1,3,5-Trimethylbenzene	11.356	105	541521	10.914	ug/L		99
91) 1,2,3-Trichloropropane	11.363	75	84093	9.871	ug/L		100
92) trans-1,4-Dichloro-2-b...	11.420	53	23440	7.762	ug/L		90
93) 4-Chlorotoluene	11.484	91	454018	10.556	ug/L		100
94) tert-Butylbenzene	11.696	119	469619	11.039	ug/L		98
97) 1,2,4-Trimethylbenzene	11.774	105	504652	10.938	ug/L		100
98) sec-Butylbenzene	11.887	105	692487	11.356	ug/L		99
99) p-Isopropyltoluene	12.042	119	590239	10.251	ug/L		99
100) 1,3-Dichlorobenzene	12.113	146	324046	10.685	ug/L		100
101) 1,4-Dichlorobenzene	12.205	146	322949	10.584	ug/L		99

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A01.D
Acq On : 27 Nov 2025 4:10 am
Operator : GONZO:PID
Sample : WG2147438-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 27 05:08:18 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102) p-Diethylbenzene	12.417	119	329777	10.326	ug/L	99
103) n-Butylbenzene	12.474	91	494736	10.600	ug/L	100
104) 1,2-Dichlorobenzene	12.629	146	284823	10.569	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.209	119	311799	8.933	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.415	155	13755	8.983	ug/L	96
108) Hexachlorobutadiene	14.009	225	82572	11.977	ug/L	97
109) 1,2,4-Trichlorobenzene	14.037	180	115998	10.189	ug/L	99
110) Naphthalene	14.334	128	134203	9.224	ug/L	100
111) 1,2,3-Trichlorobenzene	14.497	180	78850	9.978	ug/L	99

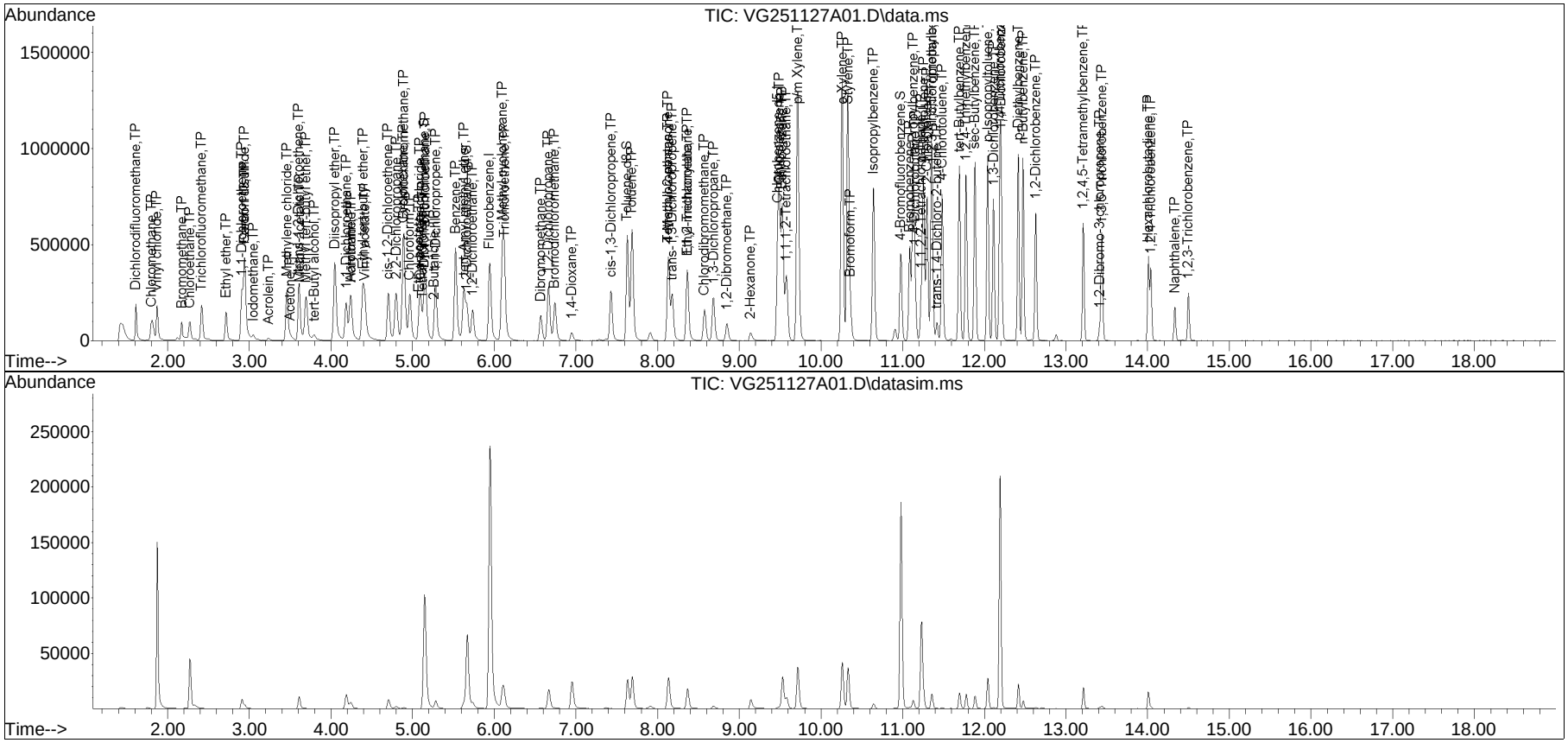
(#) = qualifier out of range (m) = manual integration (+) = signals summed

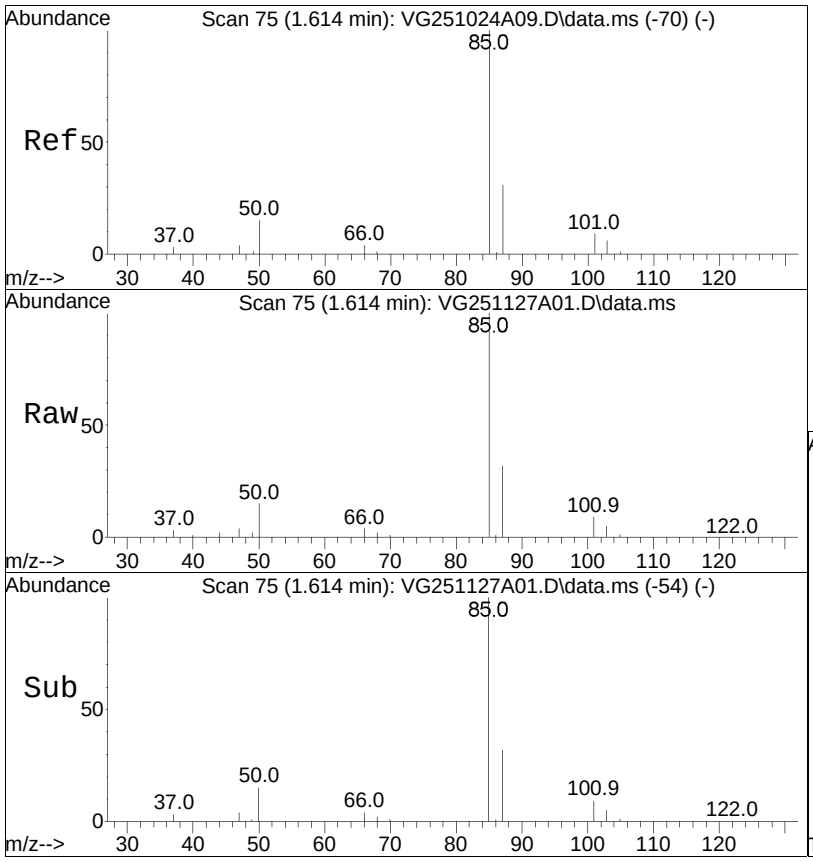
Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A01.D
Acq On : 27 Nov 2025 4:10 am
Operator : GONZO:PID
Sample : WG2147438-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 27 05:08:18 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

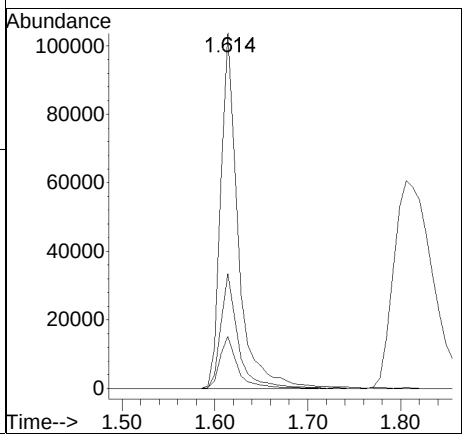


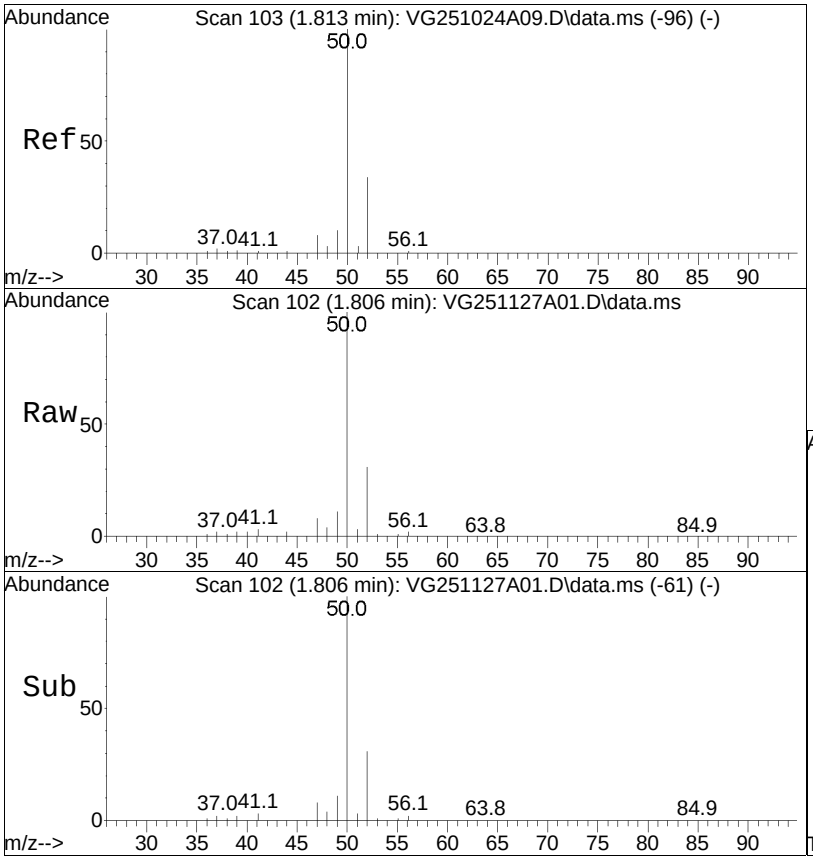


#2
Dichlorodifluoromethane
Concen: 12.40 ug/L
RT: 1.614 min Scan# 75
Delta R.T. -0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 85 Resp: 136636

Ion	Ratio	Lower	Upper
85	100		
87	31.8	20.2	41.9
50	14.9	9.1	18.9

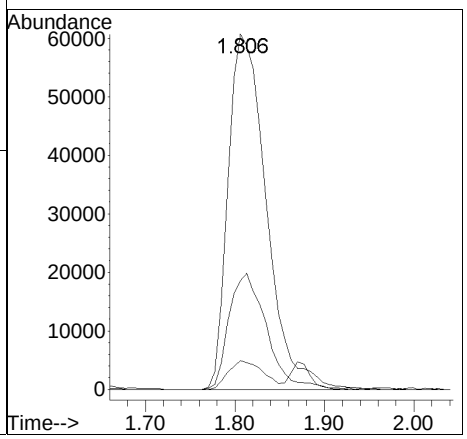


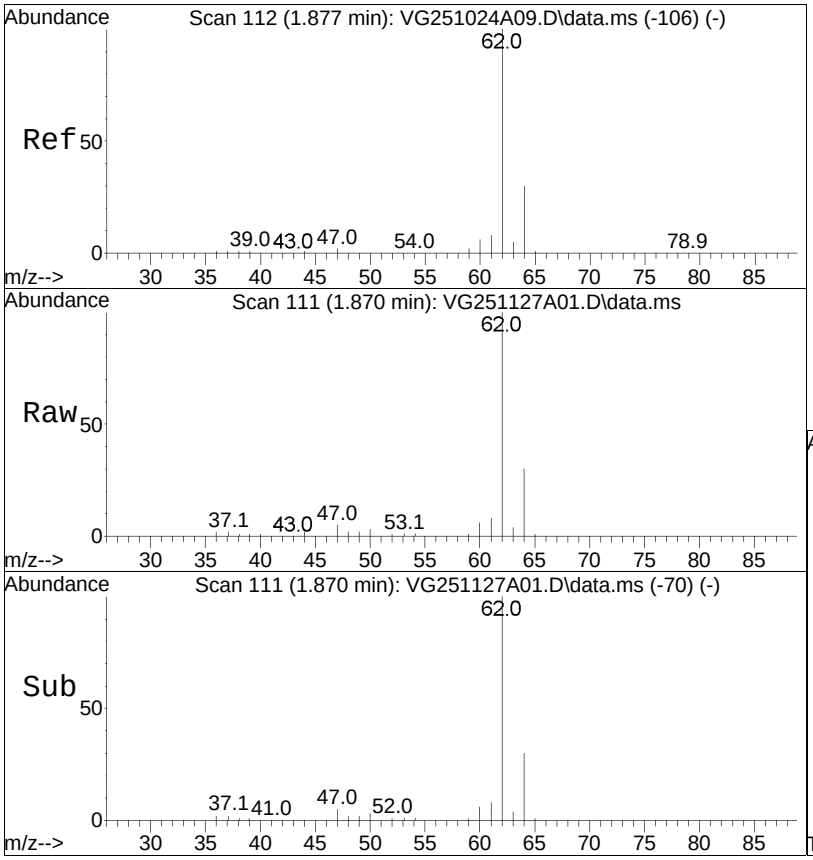


#3
Chloromethane
Concen: 11.68 ug/L
RT: 1.806 min Scan# 102
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 50 Resp: 180504

Ion	Ratio	Lower	Upper
50	100		
52	32.0	12.3	52.3
47	7.4	0.0	27.5

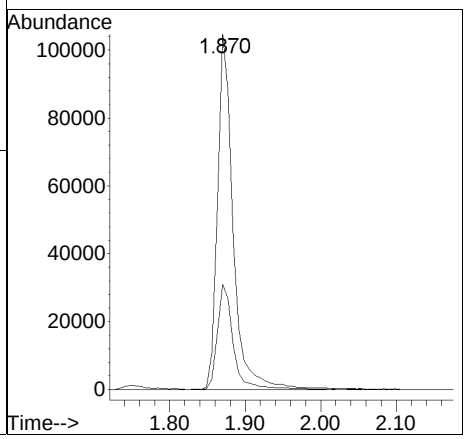


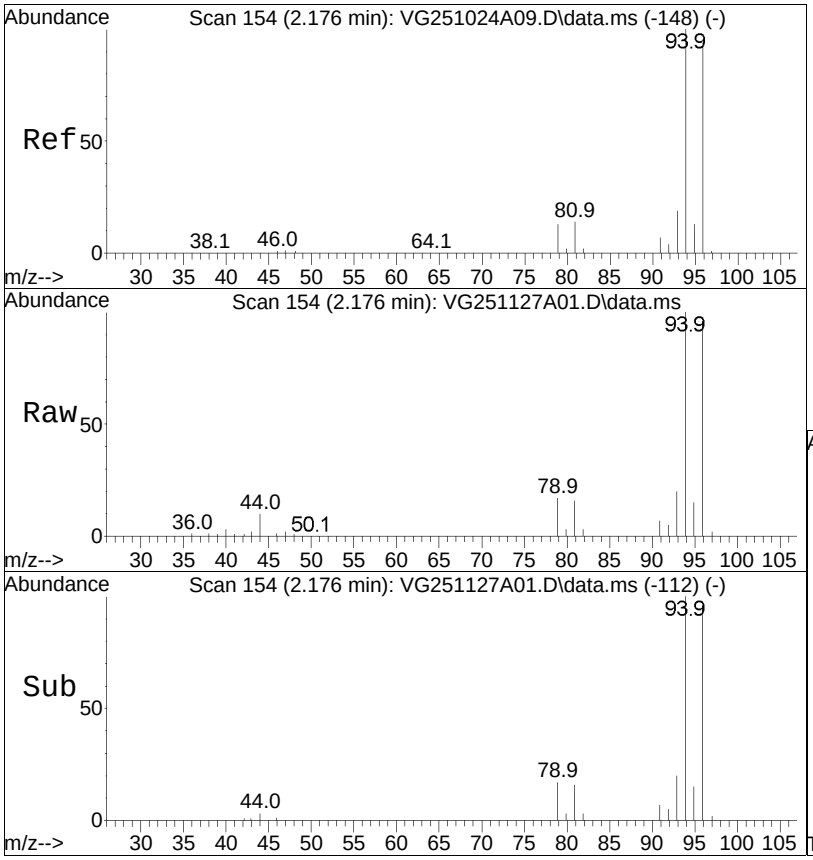


#4
Vinyl chloride
Concen: 11.38 ug/L
RT: 1.870 min Scan# 111
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 62 Resp: 151029

Ion	Ratio	Lower	Upper
62	100		
64	29.8	11.1	51.1

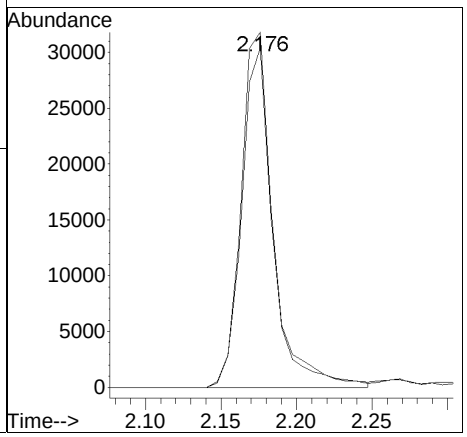


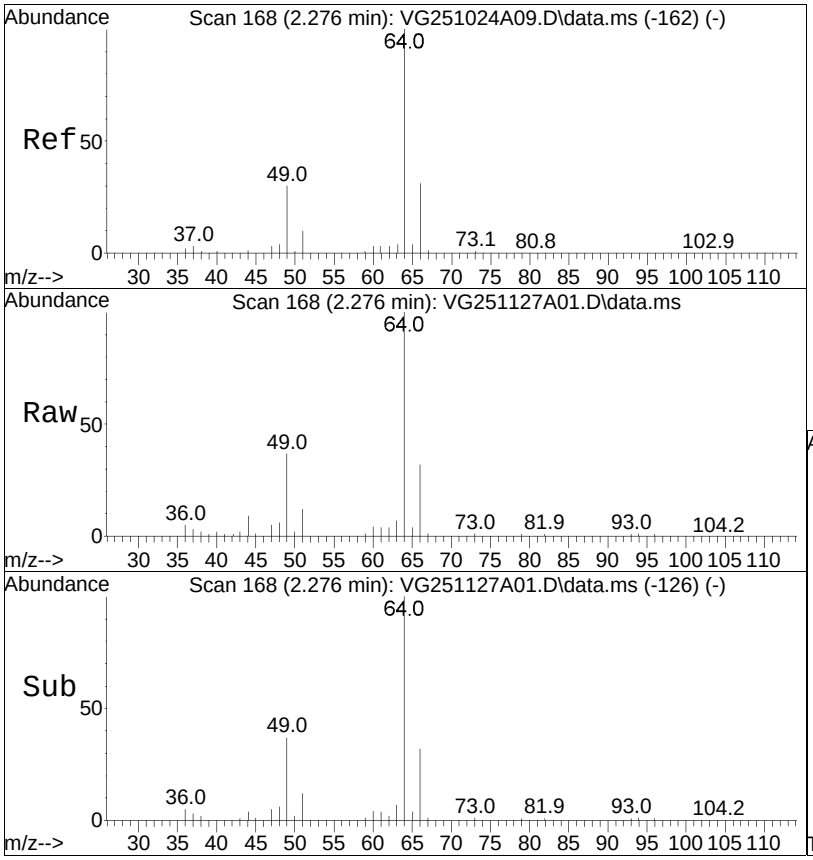


#5
Bromomethane
Concen: 4.99 ug/L
RT: 2.176 min Scan# 154
Delta R.T. -0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 94 Resp: 47283

Ion	Ratio	Lower	Upper
94	100		
96	92.8	74.7	114.7

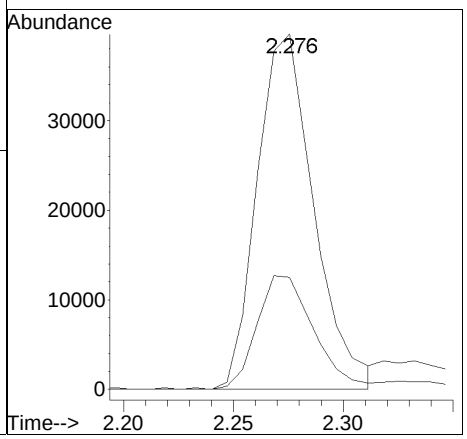


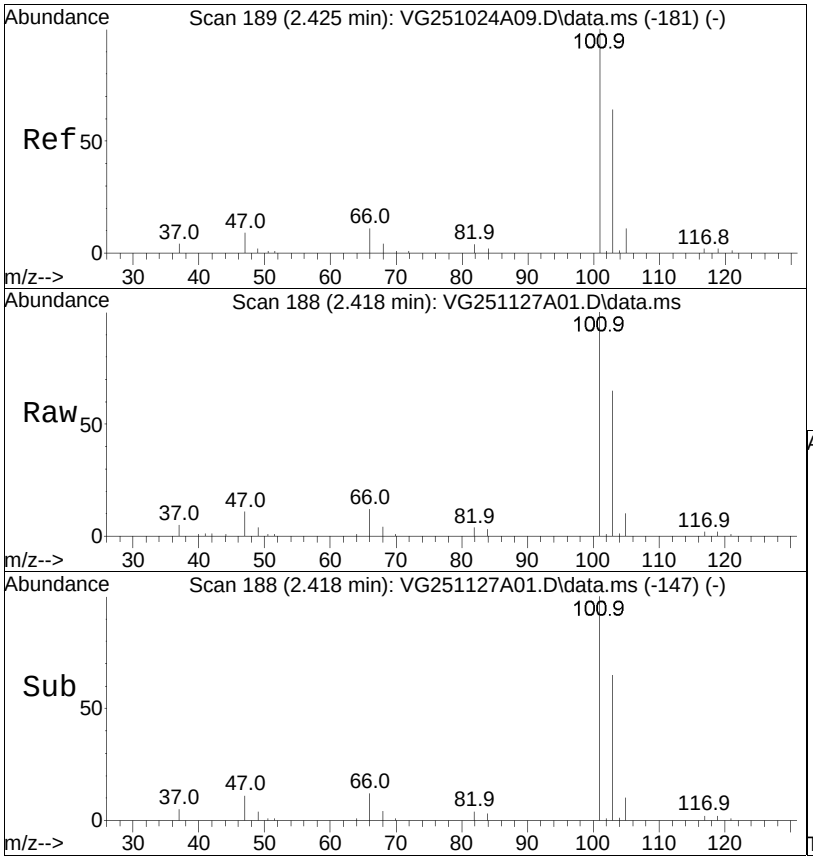


#6
Chloroethane
Concen: 8.44 ug/L
RT: 2.276 min Scan# 168
Delta R.T. -0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 64 Resp: 71201

Ion	Ratio	Lower	Upper
64	100		
66	32.6	10.6	50.6

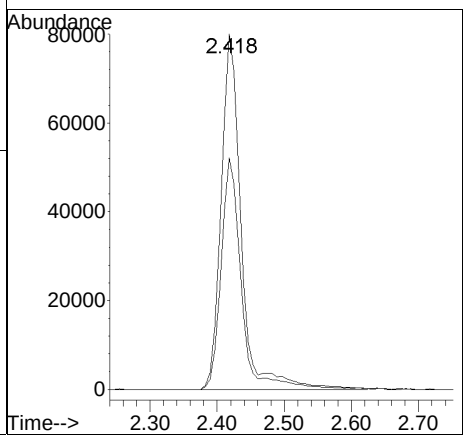


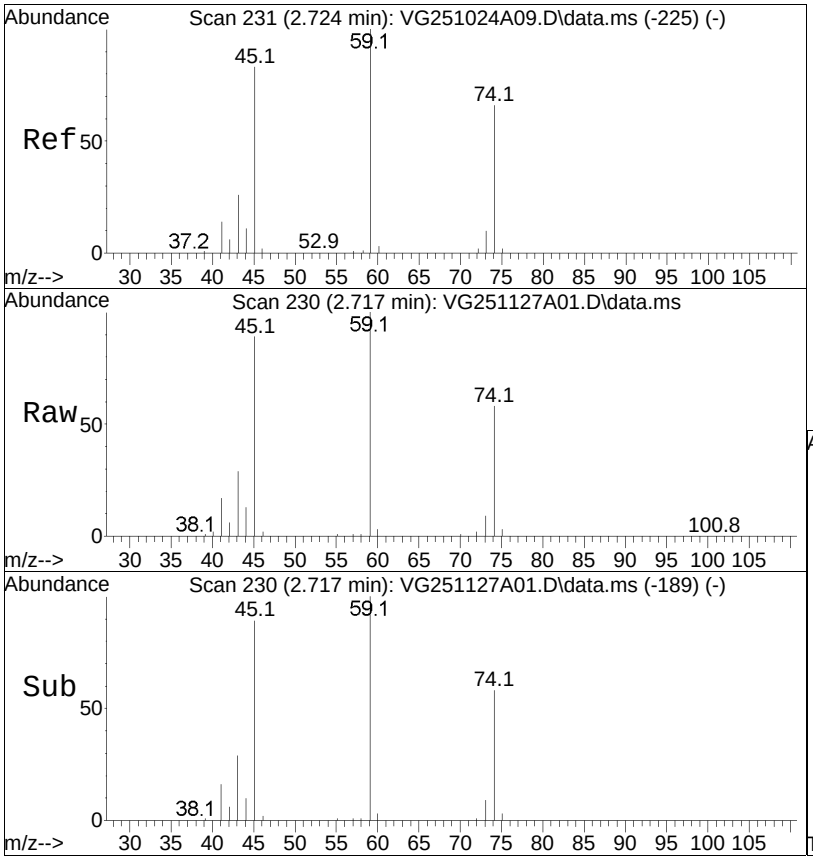


#7
Trichlorofluoromethane
Concen: 10.86 ug/L
RT: 2.418 min Scan# 188
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:101 Resp: 167107

Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.8	77.8

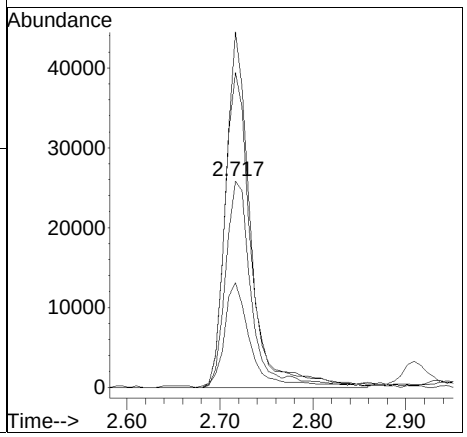


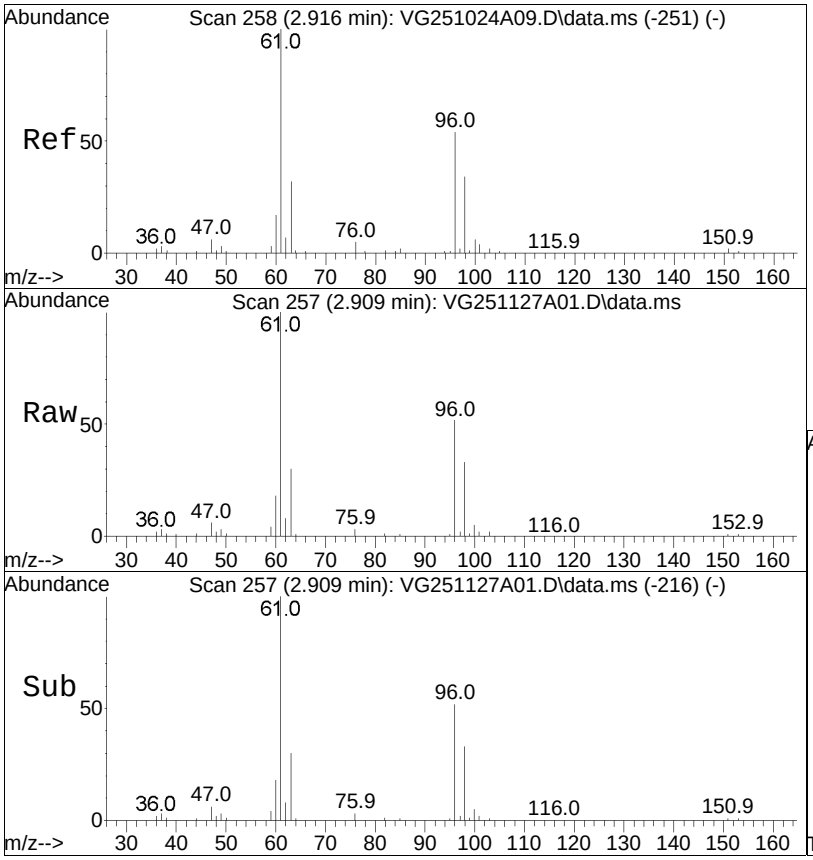


#8
Ethyl ether
Concen: 9.97 ug/L
RT: 2.717 min Scan# 230
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 74 Resp: 50961

Ion	Ratio	Lower	Upper
74	100		
59	162.1	102.4	212.6
45	152.5	84.1	174.7
43	50.8	25.4	52.7

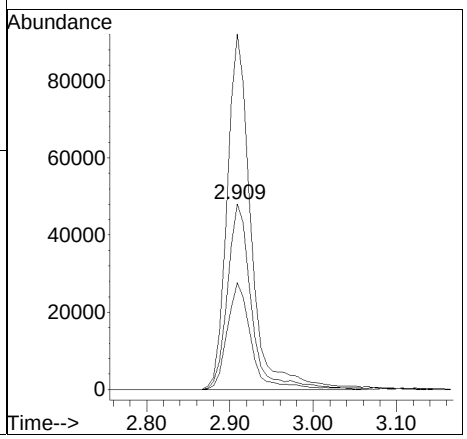


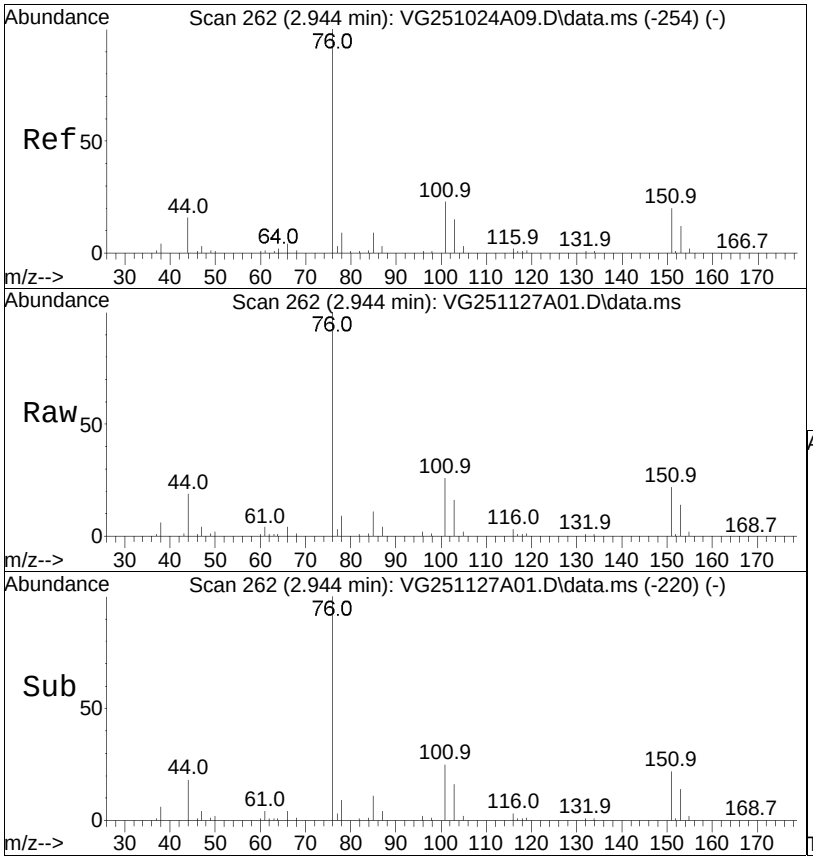


#10
1,1-Dichloroethene
Concen: 10.12 ug/L
RT: 2.909 min Scan# 257
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 96 Resp: 97072

Ion	Ratio	Lower	Upper
96	100		
61	191.3	146.3	219.5
63	57.4	45.8	68.6

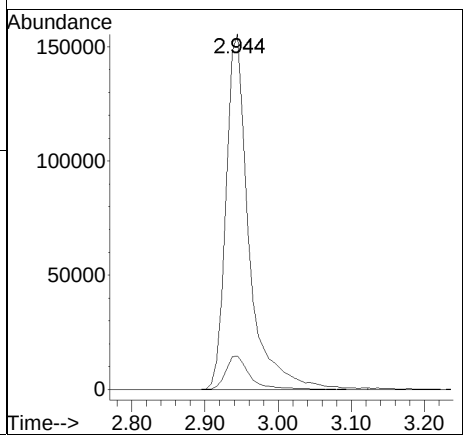


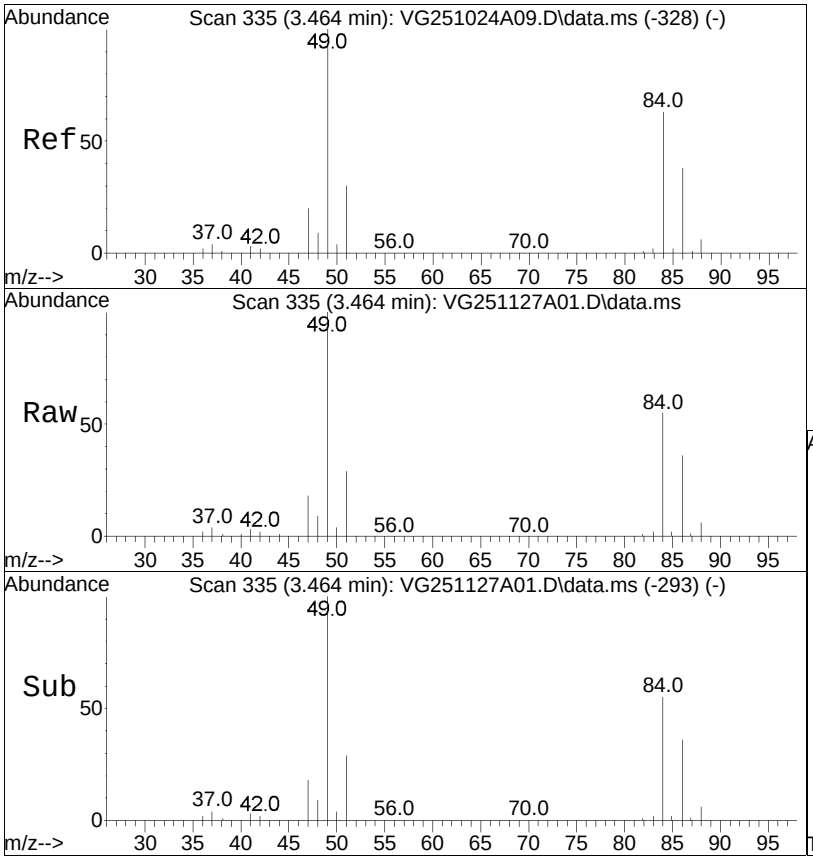


#11
Carbon disulfide
Concen: 10.76 ug/L
RT: 2.944 min Scan# 262
Delta R.T. 0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 76 Resp: 340561

Ion	Ratio	Lower	Upper
76	100		
78	9.8	6.1	12.7

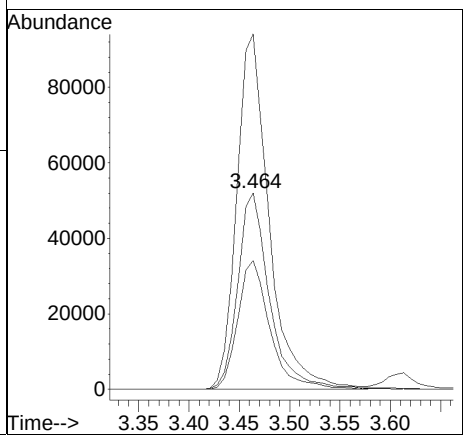


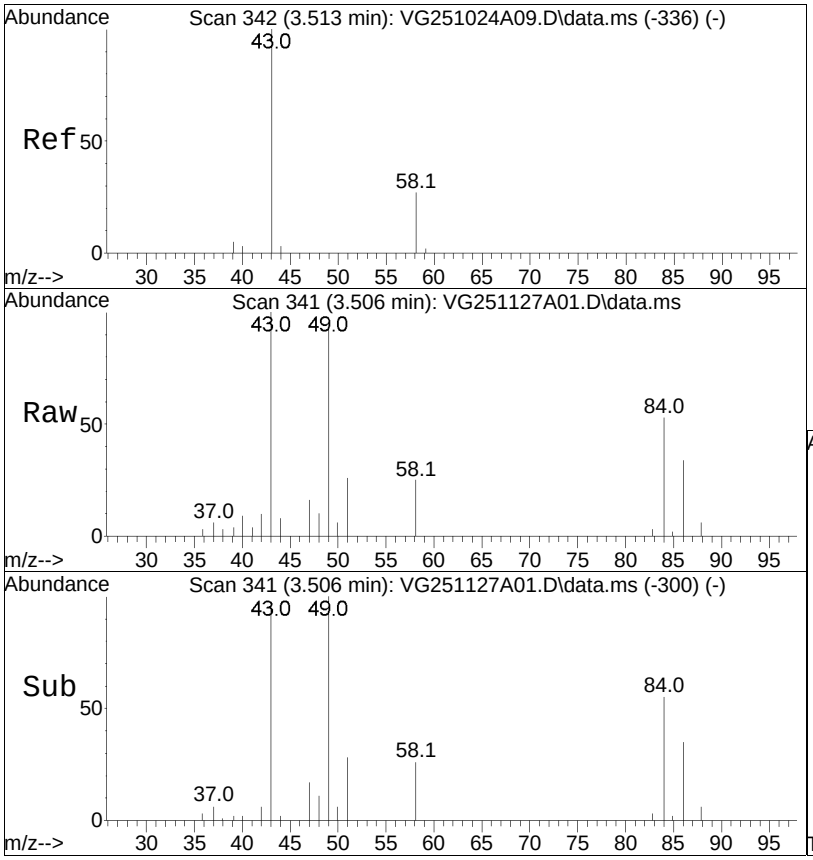


#15
Methylene chloride
Concen: 9.98 ug/L
RT: 3.464 min Scan# 335
Delta R.T. -0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 84 Resp: 114470

Ion	Ratio	Lower	Upper
84	100		
86	67.2	40.3	83.7
49	184.0	102.6	213.0

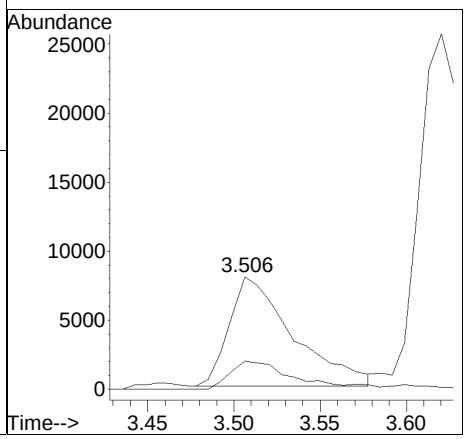


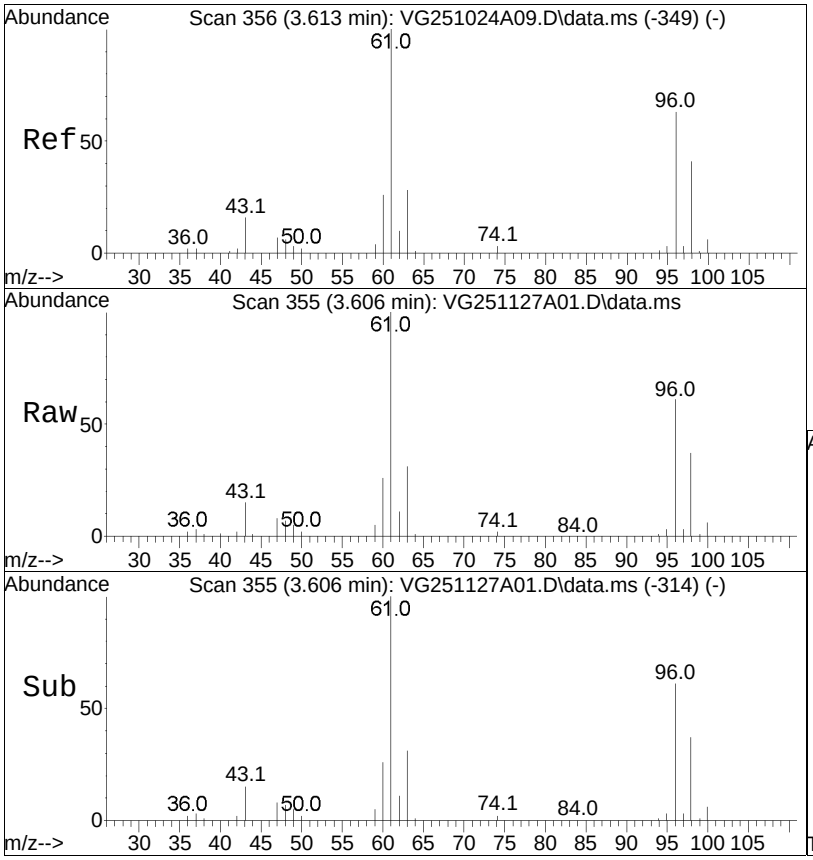


#17
Acetone
Concen: 9.43 ug/L
RT: 3.506 min Scan# 341
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 43 Resp: 20341

Ion	Ratio	Lower	Upper
43	100		
58	26.2	22.4	33.6

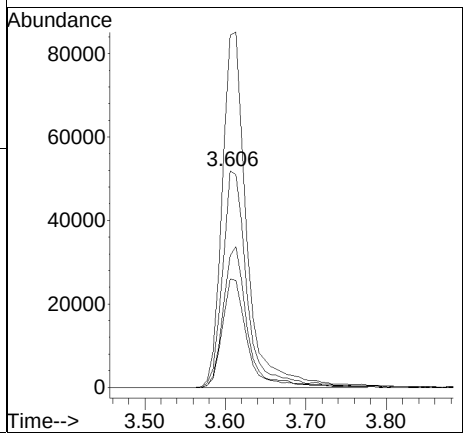


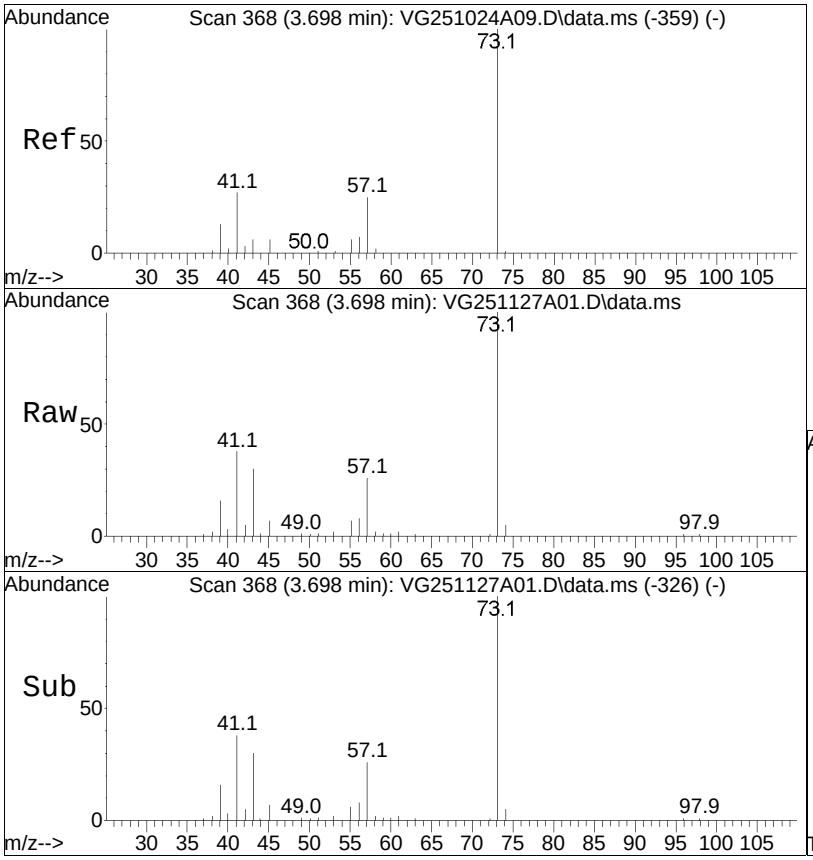


#18
trans-1,2-Dichloroethene
Concen: 10.21 ug/L
RT: 3.606 min Scan# 355
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 96 Resp: 111766

Ion	Ratio	Lower	Upper
96	100		
61	163.9	100.6	208.8
98	63.7	41.1	85.3
63	50.1	30.8	64.0

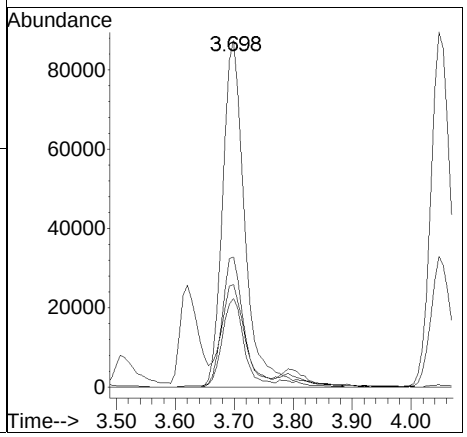


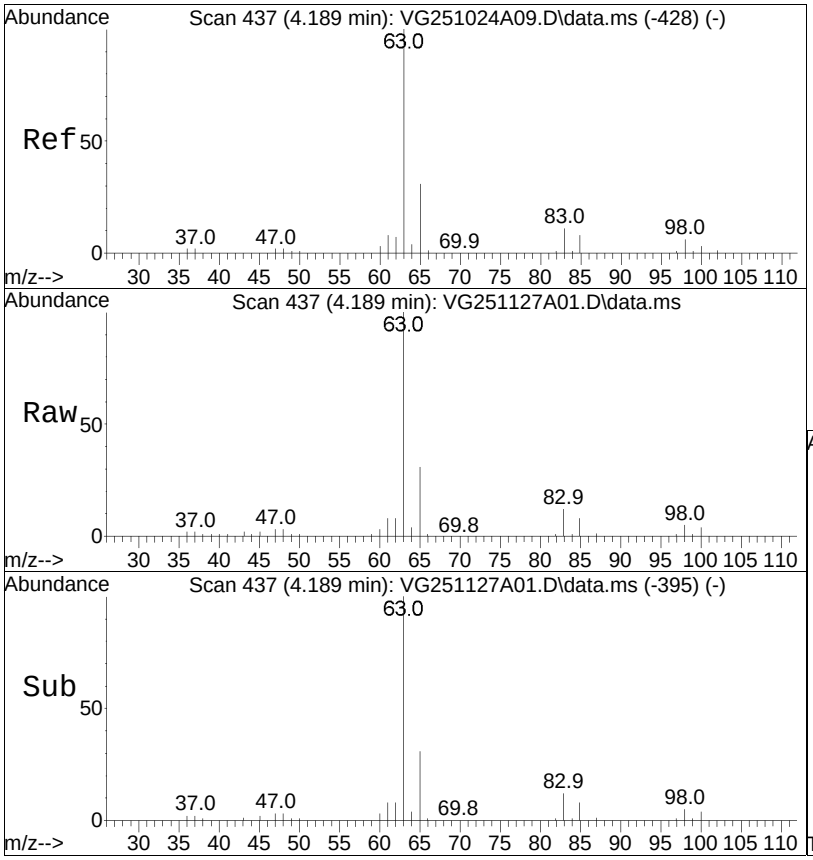


#20
Methyl tert-butyl ether
Concen: 9.60 ug/L
RT: 3.698 min Scan# 368
Delta R.T. 0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 73 Resp: 235254

Ion	Ratio	Lower	Upper
73	100		
57	24.8	15.7	32.7
43	30.1	16.8	34.8
41	35.0	18.1	37.5

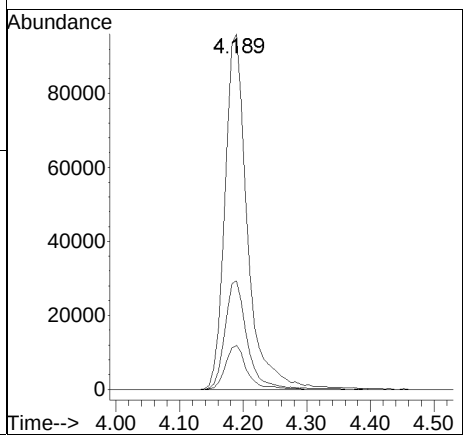


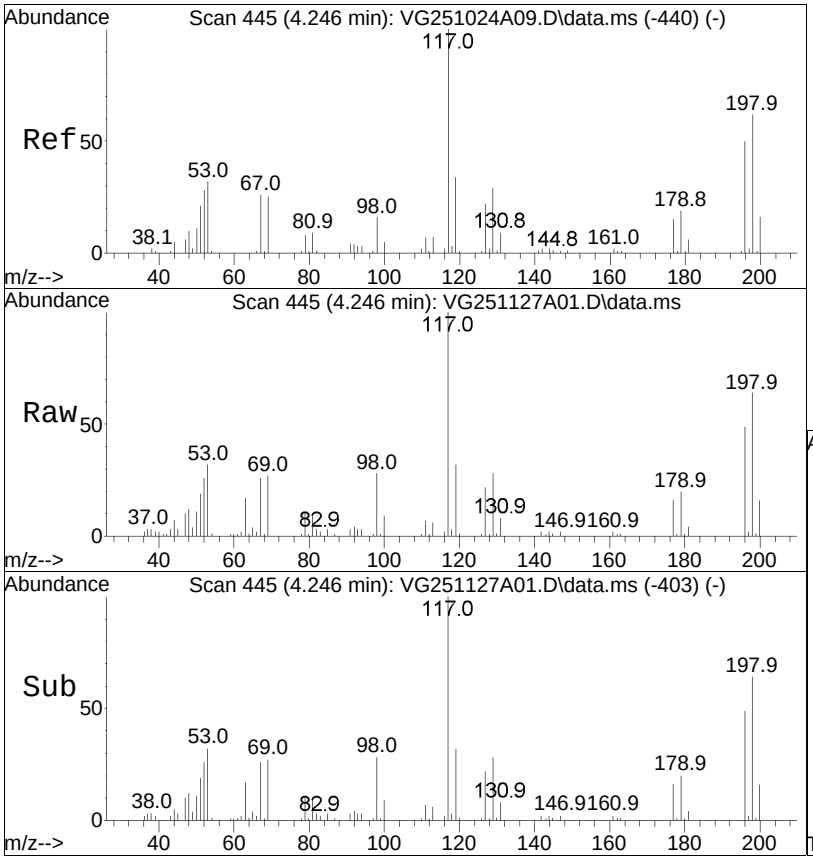


#23
1,1-Dichloroethane
Concen: 10.75 ug/L
RT: 4.189 min Scan# 437
Delta R.T. 0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 63 Resp: 237407

Ion	Ratio	Lower	Upper
63	100		
65	29.9	9.9	49.9
83	11.8	0.0	31.5

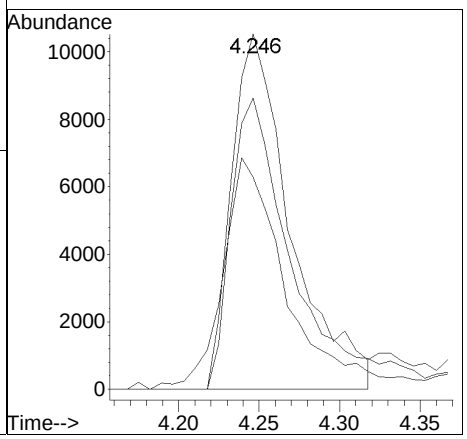


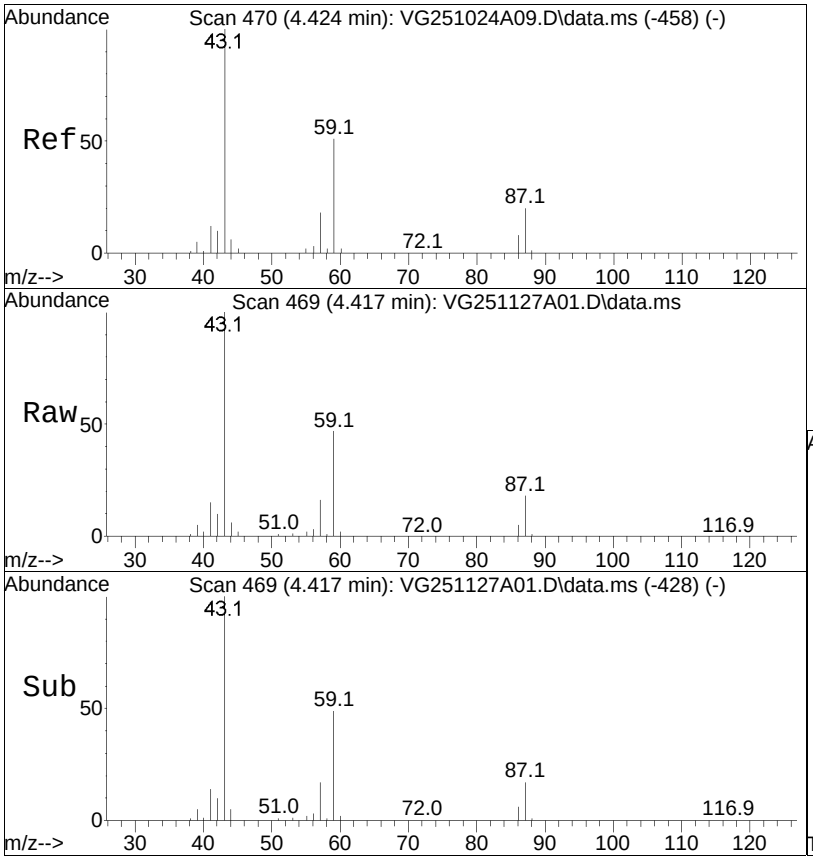


#25
Acrylonitrile
Concen: 10.00 ug/L
RT: 4.246 min Scan# 445
Delta R.T. 0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 53 Resp: 26940

Ion	Ratio	Lower	Upper
53	100		
52	86.2	67.9	101.9
51	70.1	53.2	79.8

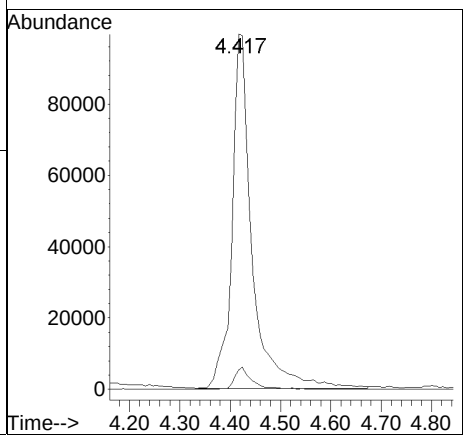


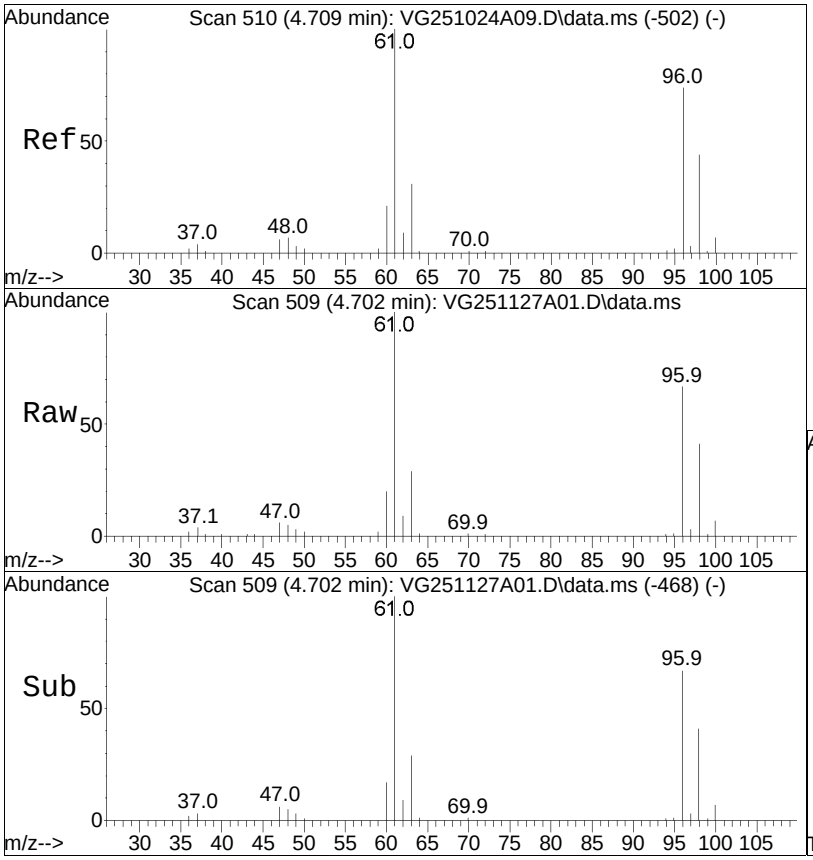


#27
Vinyl acetate
Concen: 11.88 ug/L
RT: 4.417 min Scan# 469
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 43 Resp: 275624

Ion	Ratio	Lower	Upper
43	100		
86	5.5	5.1	7.7

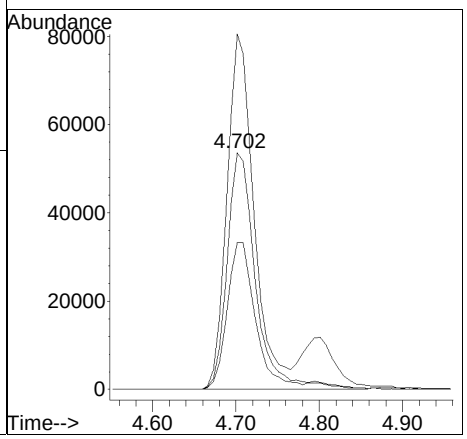


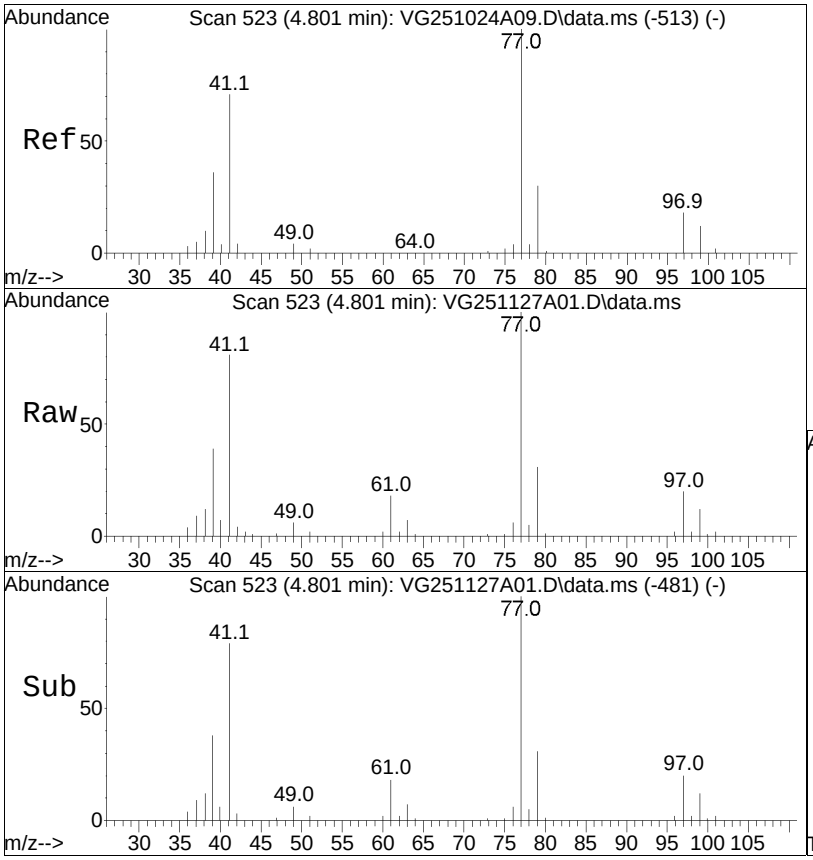


#28
cis-1,2-Dichloroethene
Concen: 10.58 ug/L
RT: 4.702 min Scan# 509
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 96 Resp: 128228

Ion	Ratio	Lower	Upper
96	100		
61	141.6	104.9	157.3
98	61.4	48.6	72.8

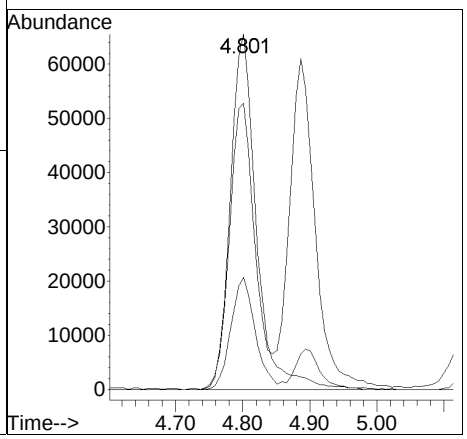


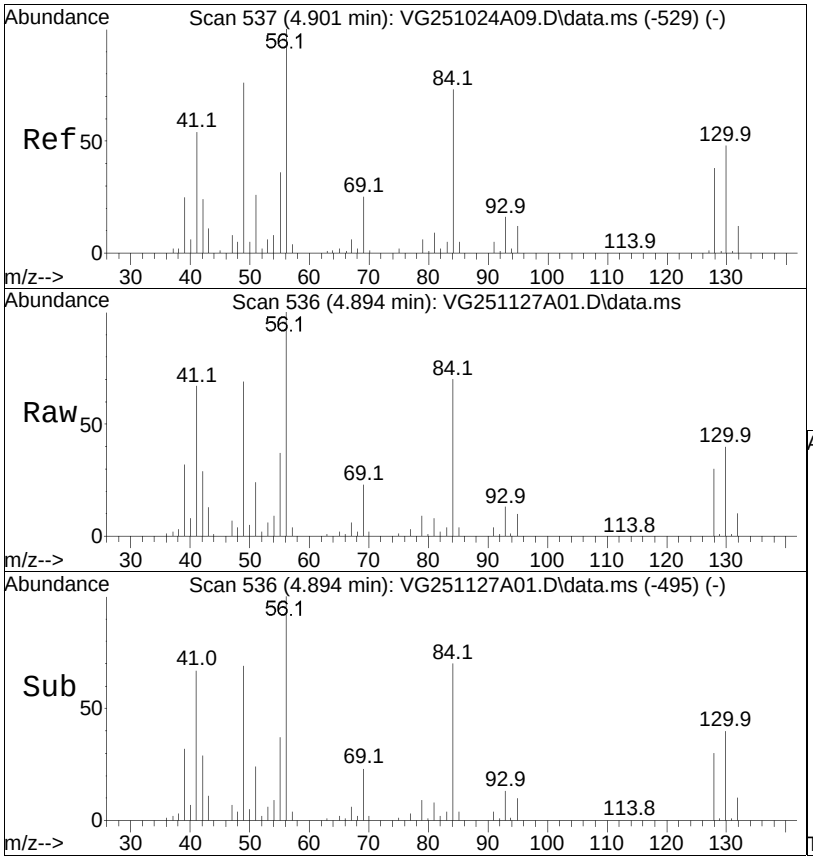


#29
2,2-Dichloropropane
Concen: 11.66 ug/L
RT: 4.801 min Scan# 523
Delta R.T. 0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 77 Resp: 176605

Ion	Ratio	Lower	Upper
77	100		
41	78.1	42.0	87.2
79	29.4	19.5	40.5

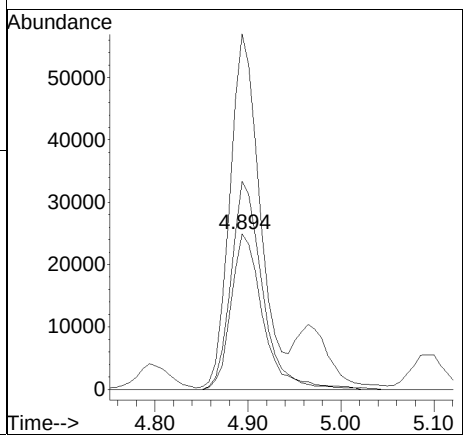


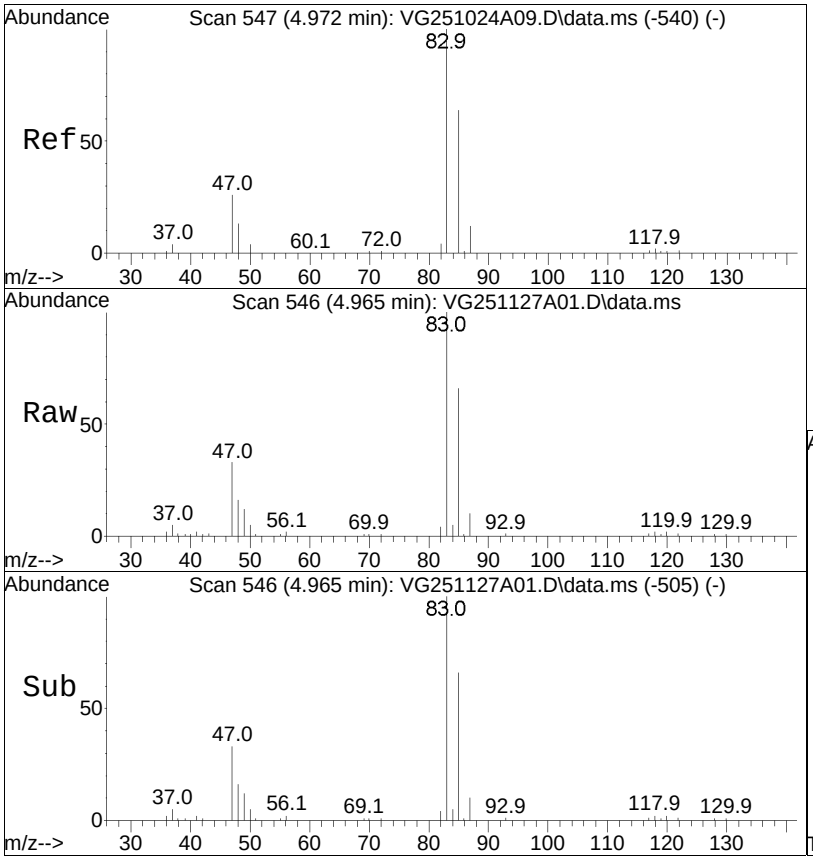


#30
Bromochloromethane
Concen: 11.09 ug/L
RT: 4.894 min Scan# 536
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:128 Resp: 59001

Ion	Ratio	Lower	Upper
128	100		
49	216.6	148.8	223.2
130	133.1	104.9	157.3

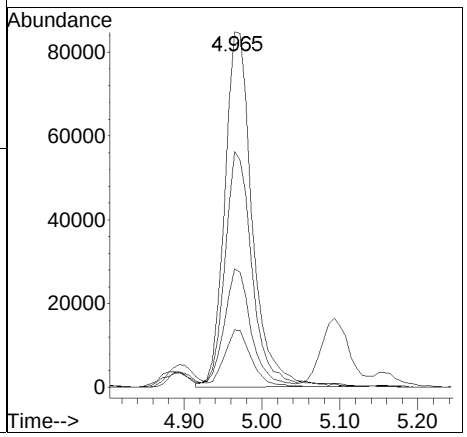


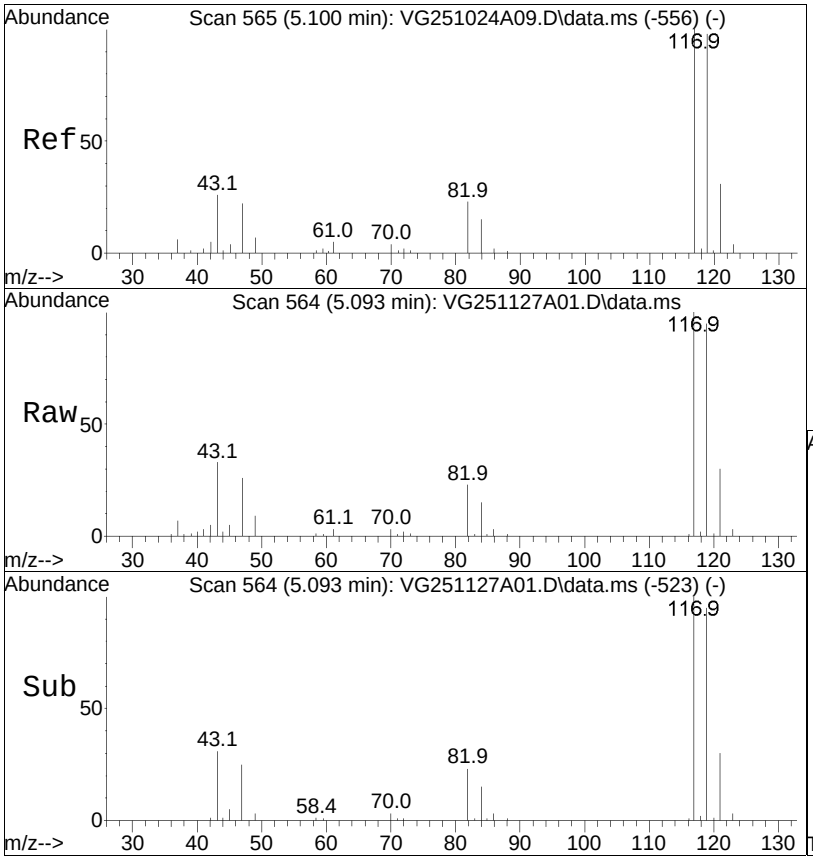


#32
Chloroform
Concen: 10.47 ug/L
RT: 4.965 min Scan# 546
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 83 Resp: 209341

Ion	Ratio	Lower	Upper
83	100		
85	67.1	42.1	87.3
47	32.5	17.2	35.8
48	15.3	9.6	20.0

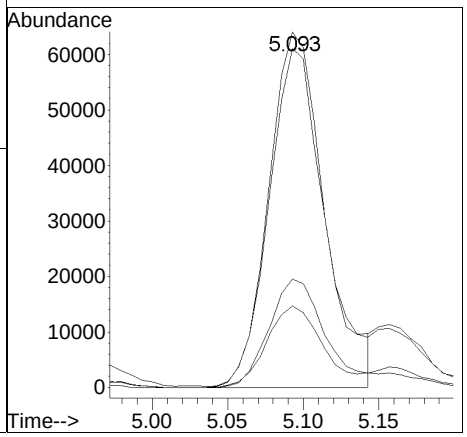


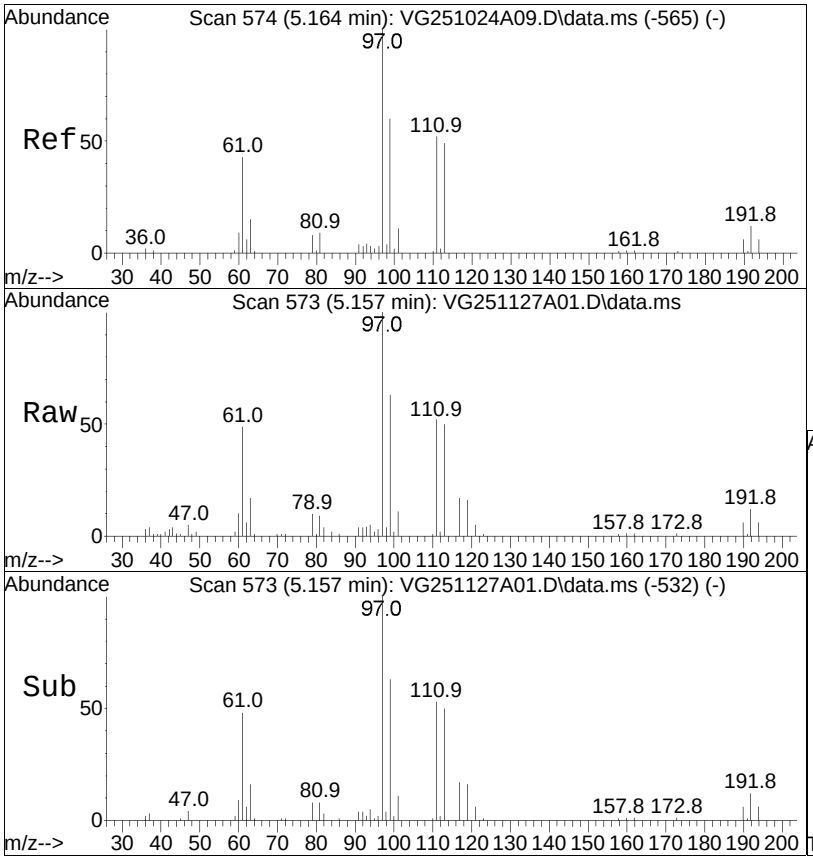


#34
Carbon tetrachloride
Concen: 10.55 ug/L
RT: 5.093 min Scan# 564
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:117 Resp: 165102

Ion	Ratio	Lower	Upper
117	100		
119	94.8	61.9	128.5
121	30.4	19.5	40.5
82	27.1	17.7	36.9

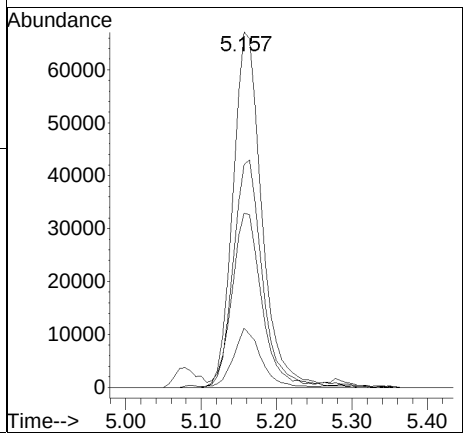


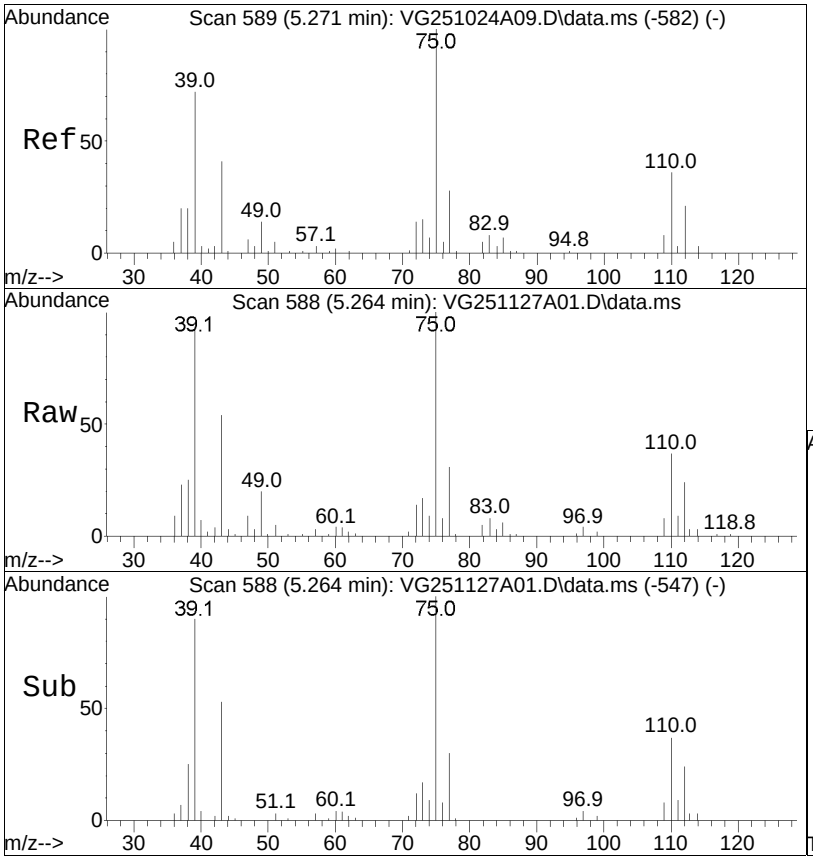


#37
1,1,1-Trichloroethane
Concen: 10.53 ug/L
RT: 5.157 min Scan# 573
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 97 Resp: 180009

Ion	Ratio	Lower	Upper
97	100		
99	64.3	40.5	84.1
61	50.4	31.2	64.8
63	15.8	9.6	20.0

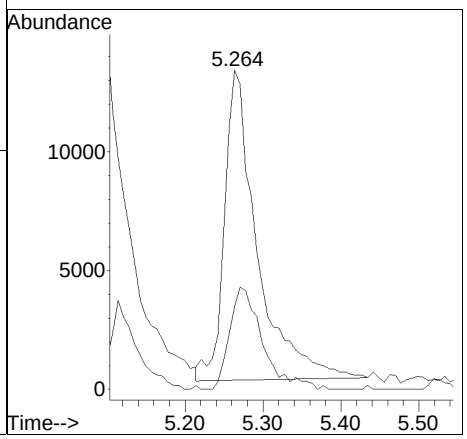


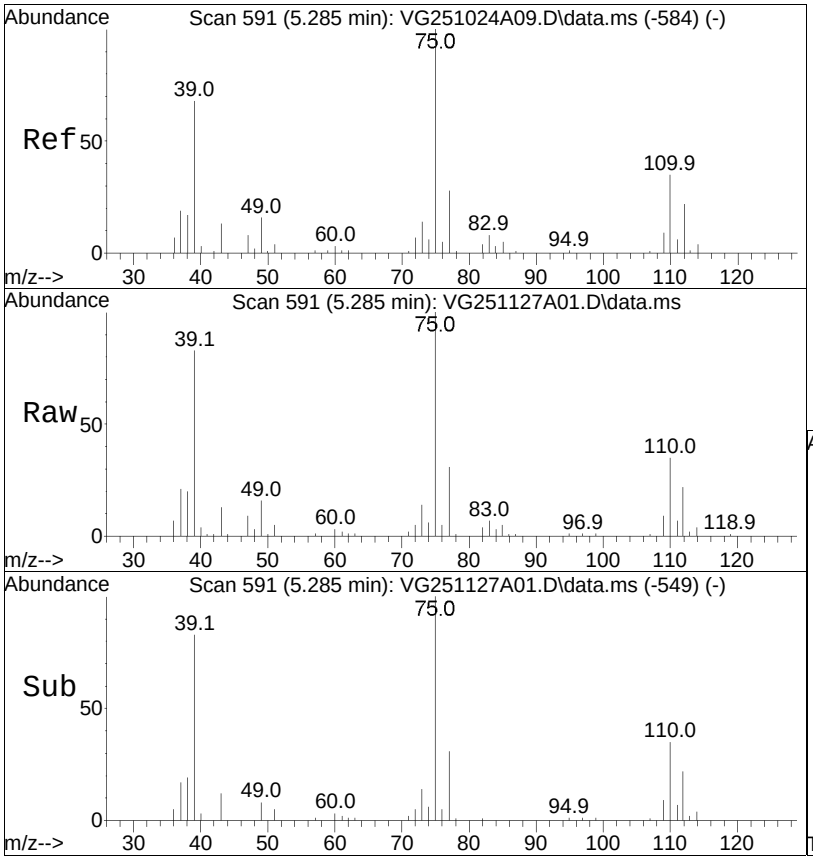


#39
2-Butanone
Concen: 11.40 ug/L
RT: 5.264 min Scan# 588
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 43 Resp: 38206

Ion	Ratio	Lower	Upper
43	100		
72	33.1	29.4	44.2

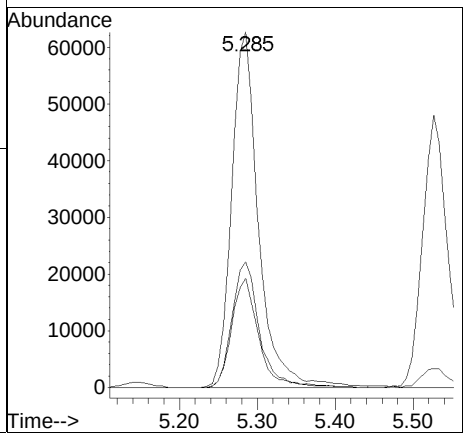


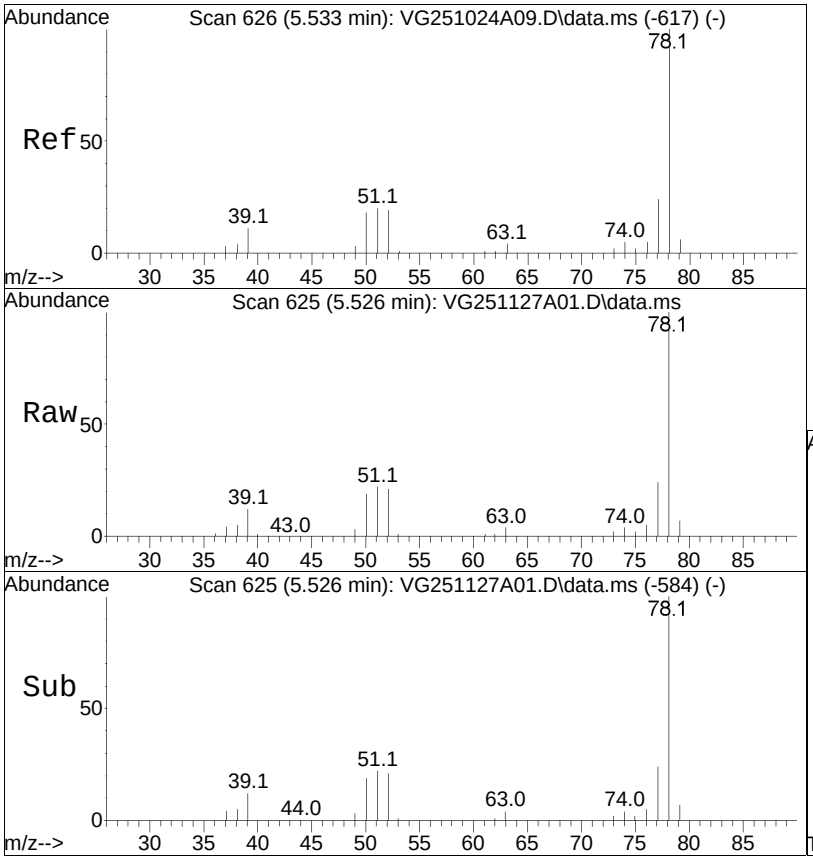


#40
1,1-Dichloropropene
Concen: 10.96 ug/L
RT: 5.285 min Scan# 591
Delta R.T. -0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 75 Resp: 150271

Ion	Ratio	Lower	Upper
75	100		
110	36.1	23.7	49.3
77	30.7	19.4	40.4

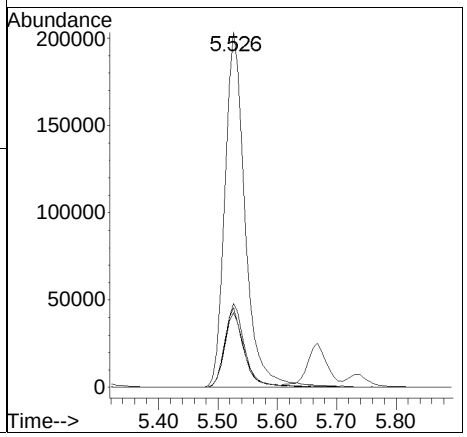


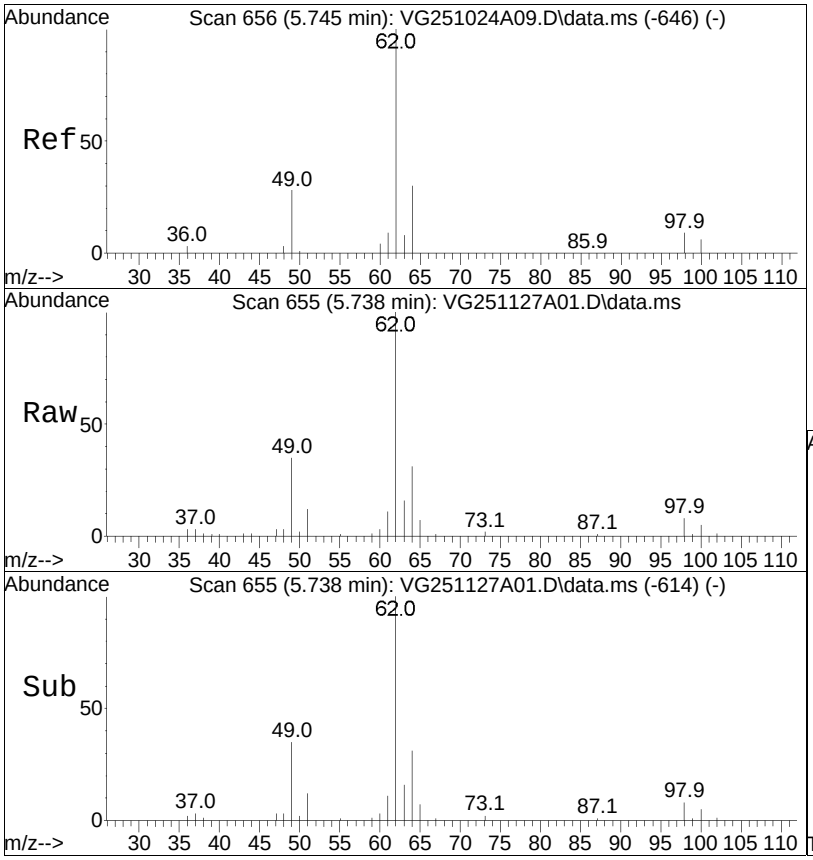


#41
Benzene
Concen: 11.18 ug/L
RT: 5.526 min Scan# 625
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 78 Resp: 484337

Ion	Ratio	Lower	Upper
78	100		
77	23.2	15.5	32.1
51	21.0	12.8	26.6
52	20.6	12.4	25.7

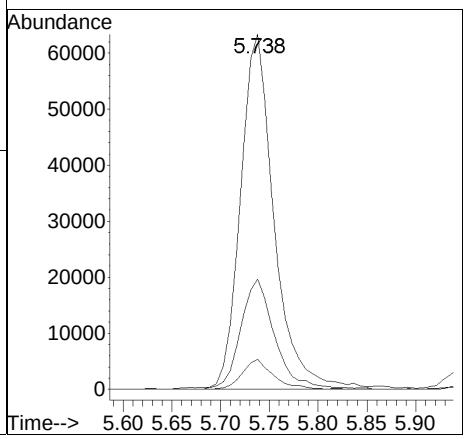


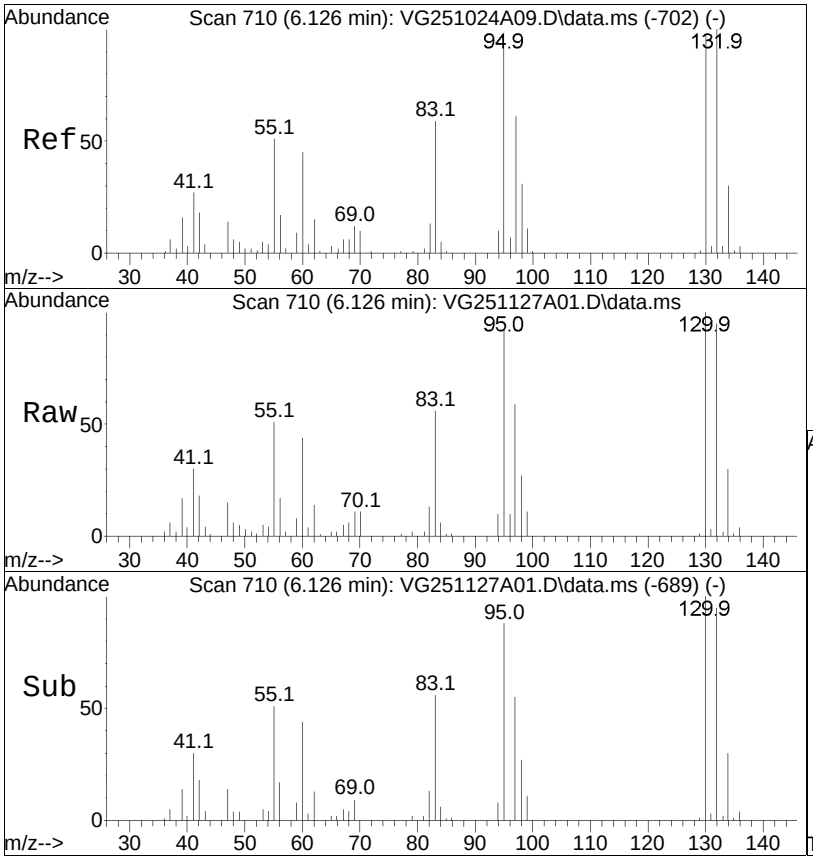


#44
1,2-Dichloroethane
Concen: 10.83 ug/L
RT: 5.738 min Scan# 655
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 62 Resp: 152208

Ion	Ratio	Lower	Upper
62	100		
64	32.1	12.4	52.4
98	7.9	0.0	28.6

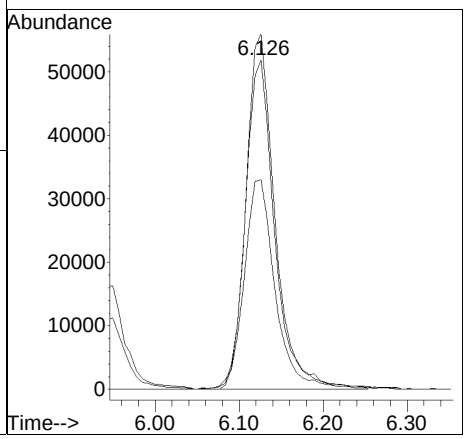


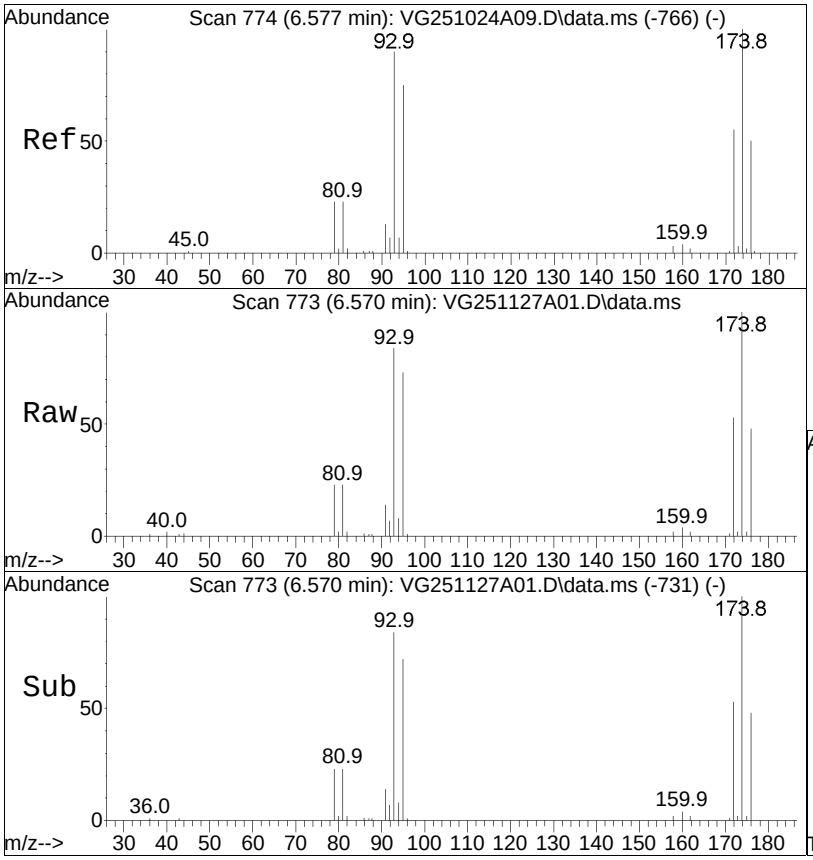


#48
Trichloroethene
Concen: 10.34 ug/L
RT: 6.126 min Scan# 710
Delta R.T. -0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 95 Resp: 126857

Ion	Ratio	Lower	Upper
95	100		
97	67.3	54.1	81.1
130	106.8	87.6	131.4

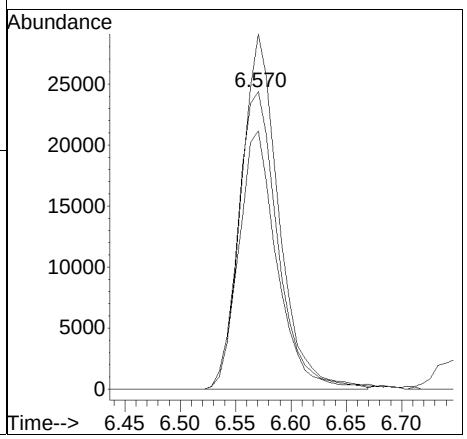


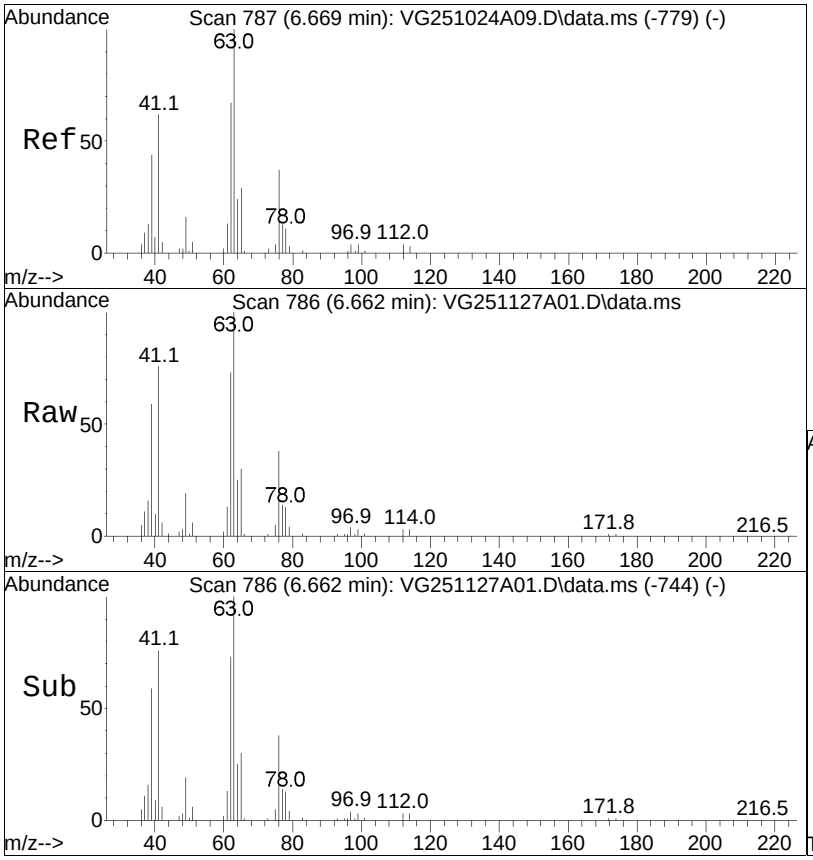


#50
Dibromomethane
Concen: 10.47 ug/L
RT: 6.570 min Scan# 773
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 93 Resp: 60473

Ion	Ratio	Lower	Upper
93	100		
95	84.9	68.2	102.2
174	113.8	92.1	138.1

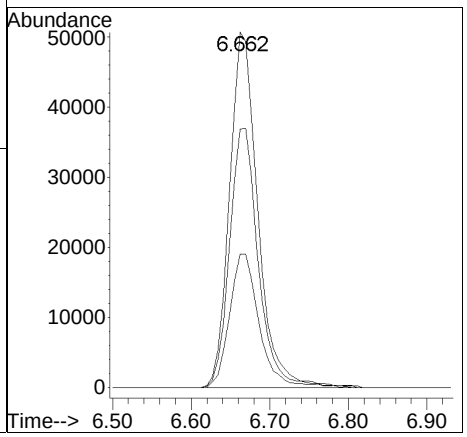


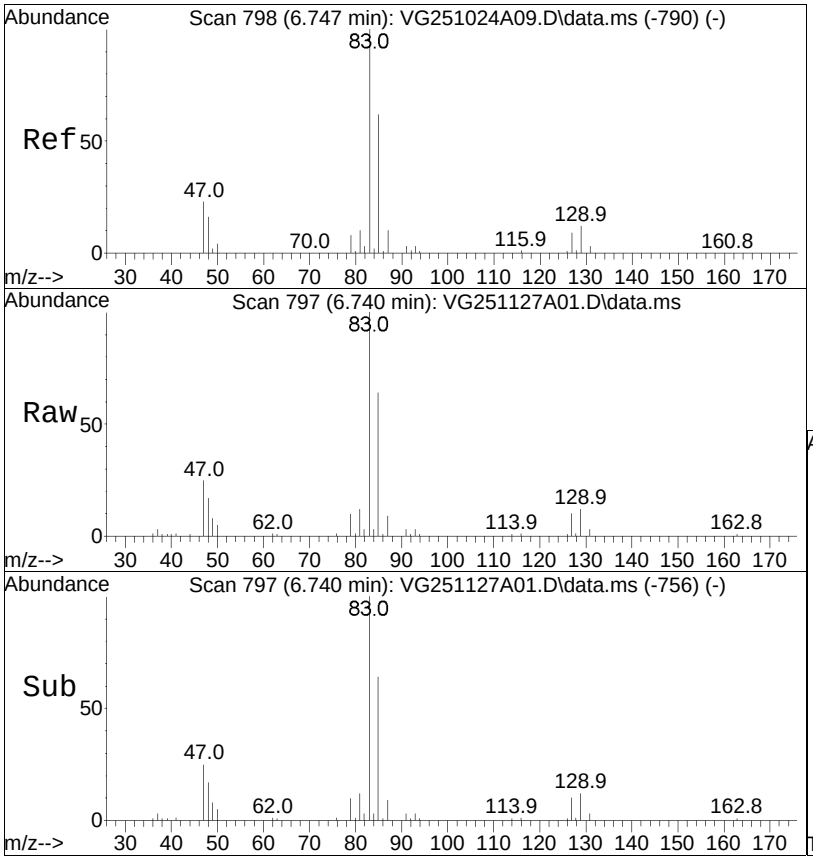


#51
1,2-Dichloropropane
Concen: 10.23 ug/L
RT: 6.662 min Scan# 786
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 63 Resp: 127030

Ion	Ratio	Lower	Upper
63	100		
62	74.0	56.2	84.4
76	39.2	29.7	44.5

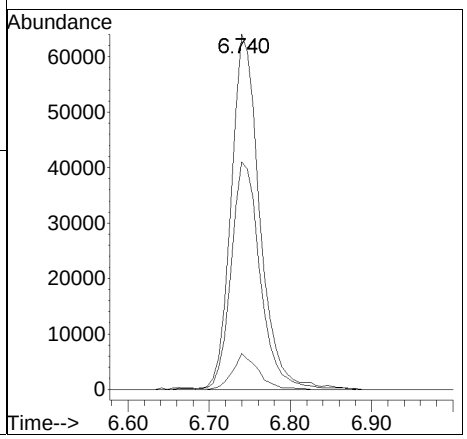


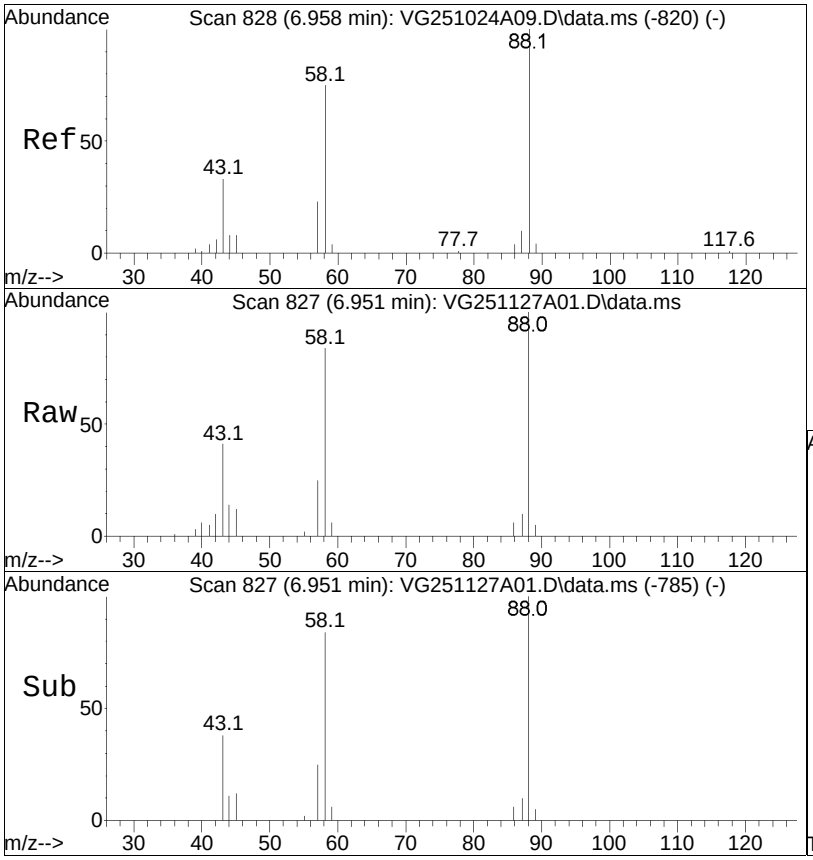


#54
Bromodichloromethane
Concen: 10.38 ug/L
RT: 6.740 min Scan# 797
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 83 Resp: 156877

Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.2	75.4
127	9.1	7.4	11.0

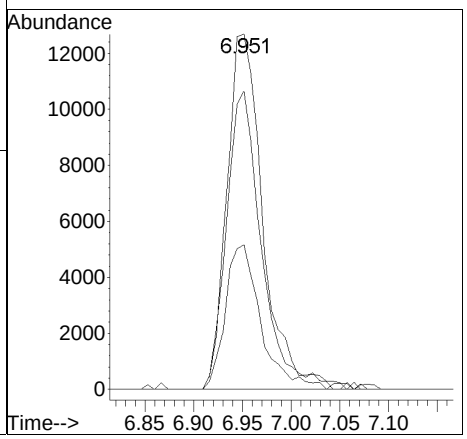


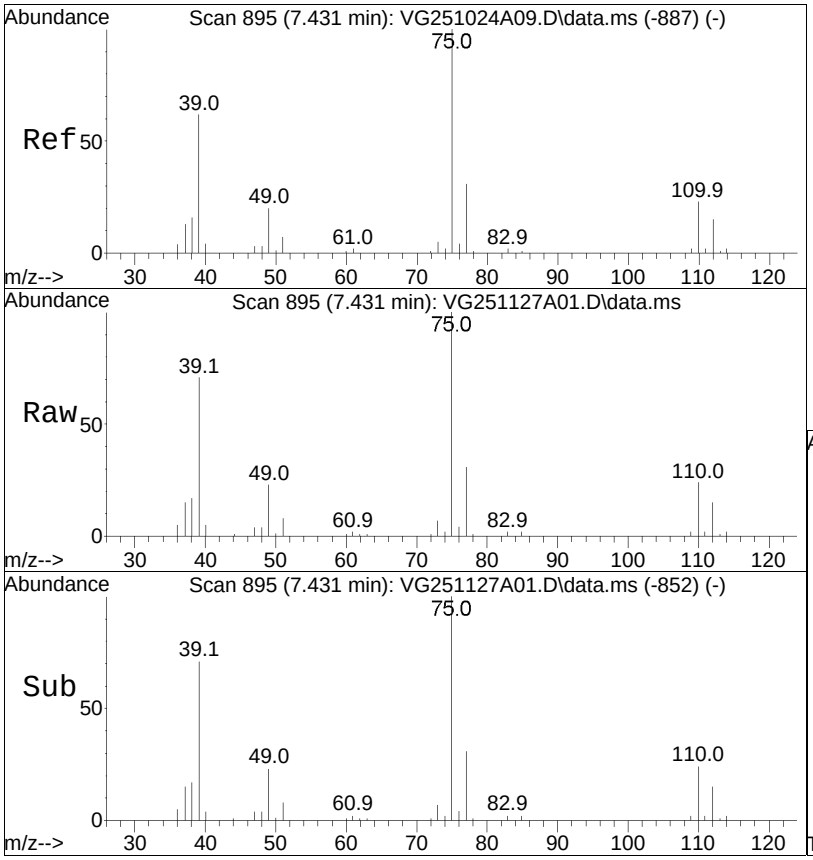


#57
1,4-Dioxane
Concen: 511.43 ug/L
RT: 6.951 min Scan# 827
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 88 Resp: 32940

Ion	Ratio	Lower	Upper
88	100		
58	80.9	63.1	94.7
43	39.8	29.4	44.0

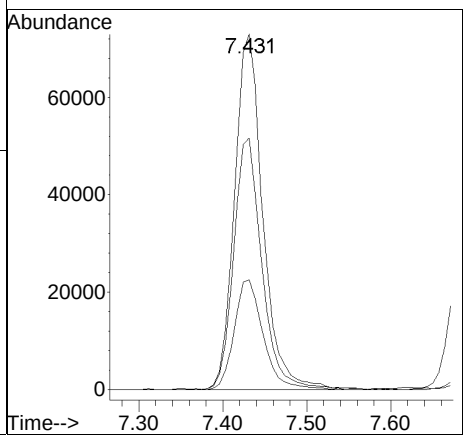


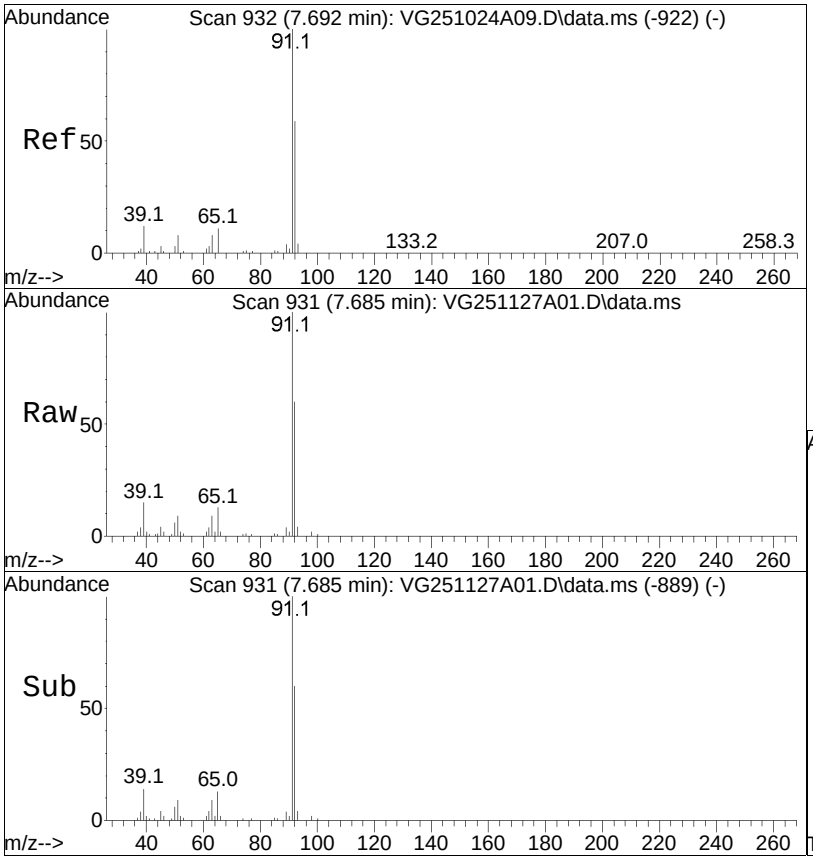


#58
cis-1,3-Dichloropropene
Concen: 10.36 ug/L
RT: 7.431 min Scan# 895
Delta R.T. 0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 75 Resp: 171118

Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.9	37.3
39	70.6	49.9	74.9

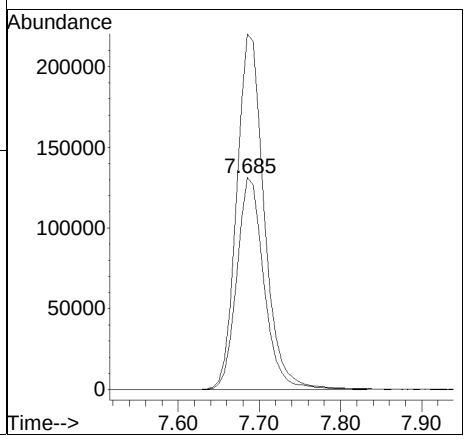


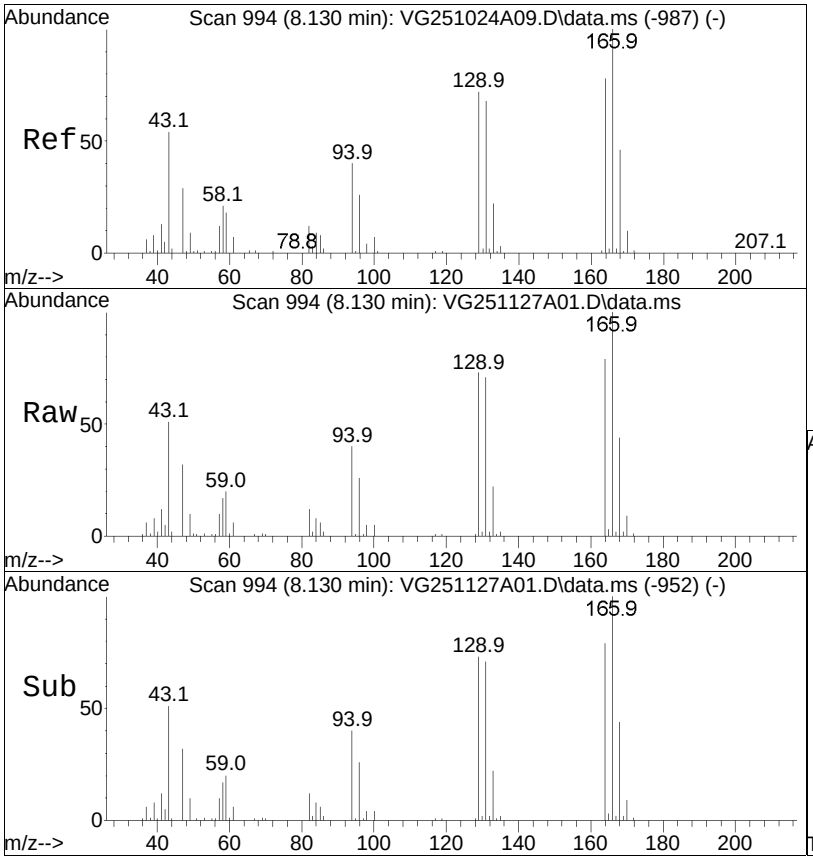


#61
Toluene
Concen: 10.52 ug/L
RT: 7.685 min Scan# 931
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 92 Resp: 305054

Ion	Ratio	Lower	Upper
92	100		
91	169.7	137.8	206.8

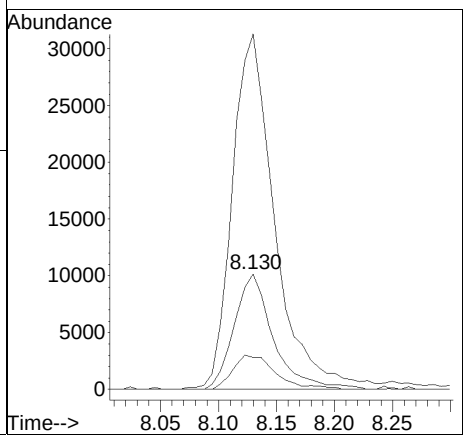


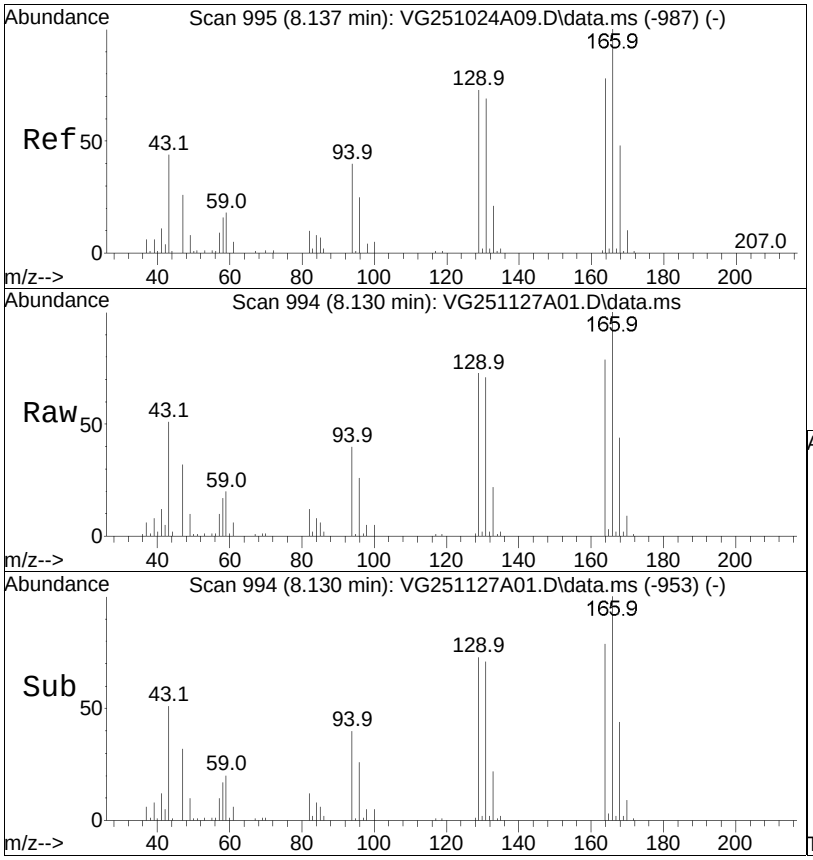


#62
4-Methyl-2-pentanone
Concen: 9.04 ug/L
RT: 8.130 min Scan# 994
Delta R.T. -0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 58 Resp: 23912

Ion	Ratio	Lower	Upper
58	100		
100	32.8	25.9	38.9
43	334.0	225.8	338.6

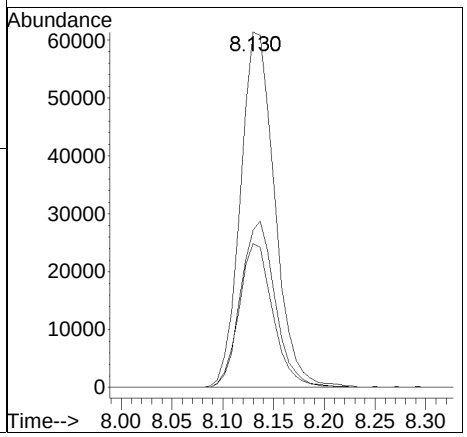


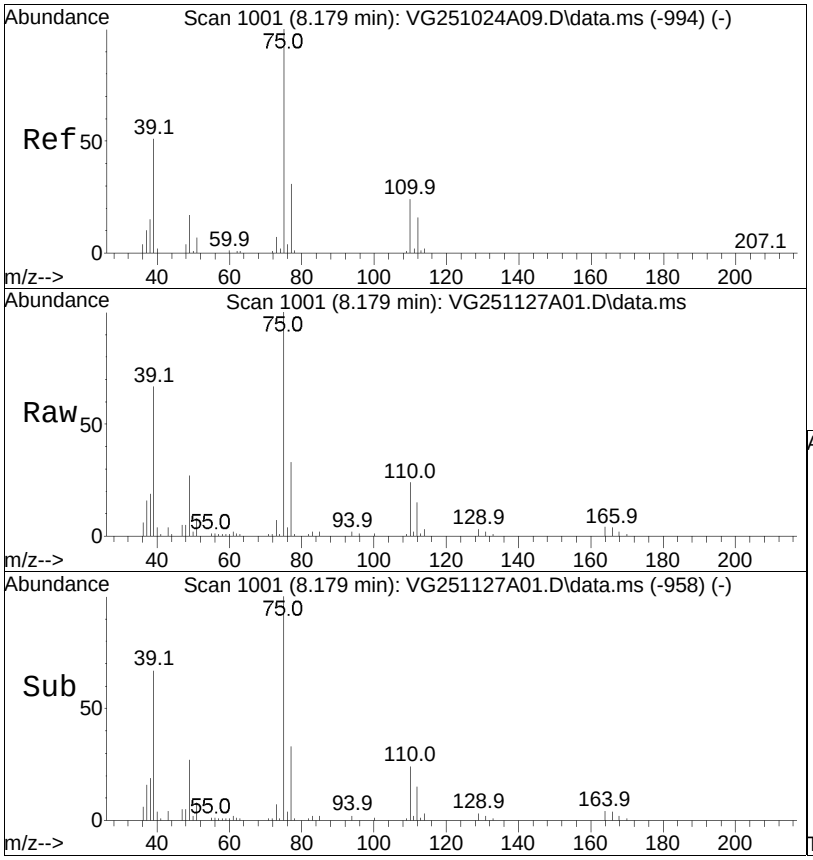


#63
Tetrachloroethene
Concen: 10.82 ug/L
RT: 8.130 min Scan# 994
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:166 Resp: 144242

Ion	Ratio	Lower	Upper
166	100		
168	46.8	26.8	66.8
94	40.1	18.2	58.2

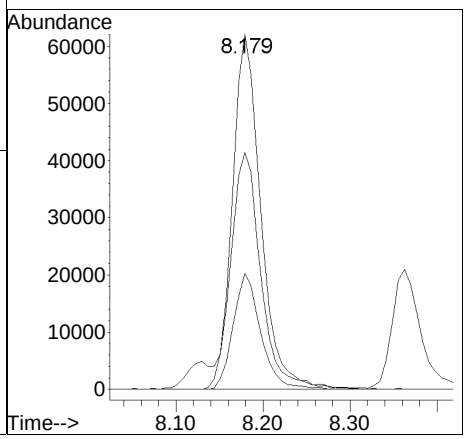


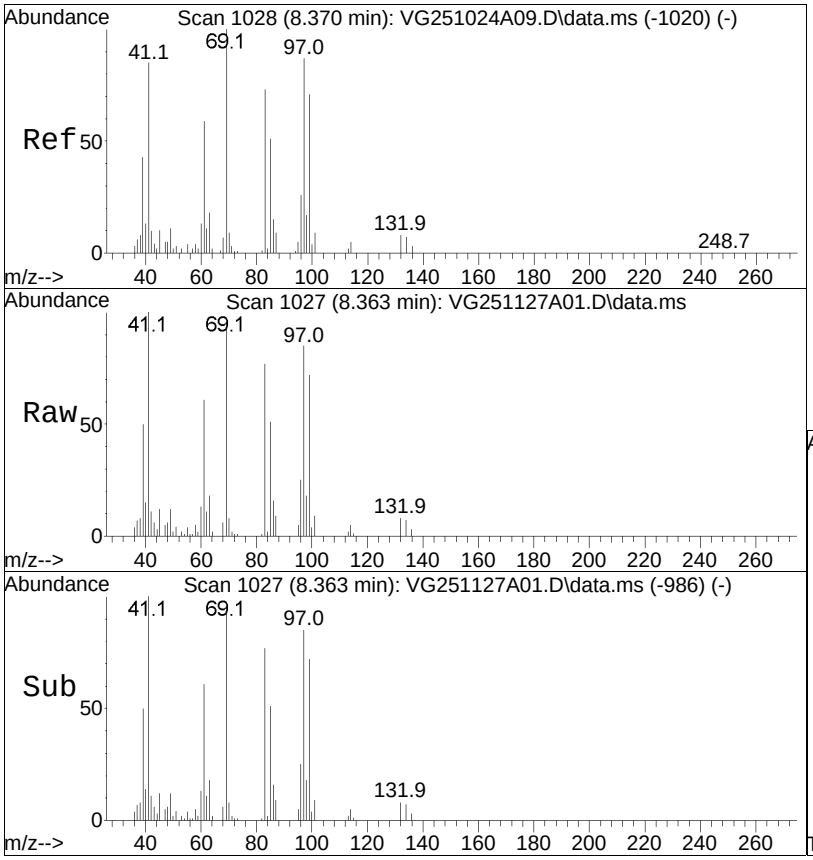


#65
trans-1,3-Dichloropropene
Concen: 10.35 ug/L
RT: 8.179 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 75 Resp: 141243

Ion	Ratio	Lower	Upper
75	100		
77	31.7	10.7	50.7
39	69.5	37.1	77.1

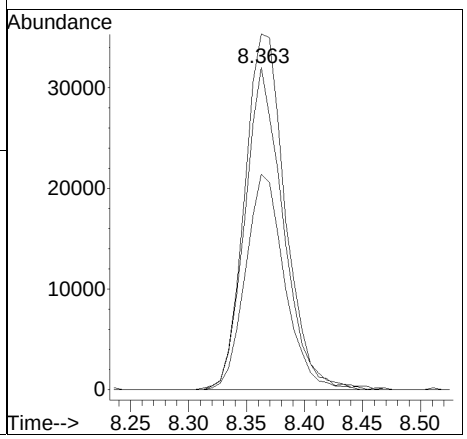


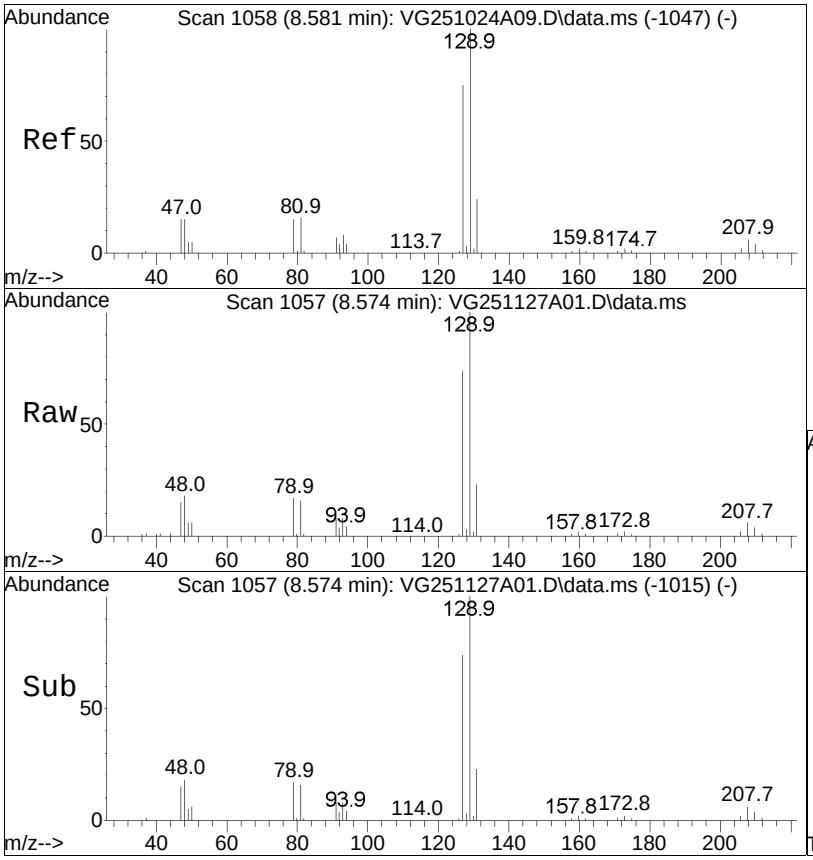


#68
1,1,2-Trichloroethane
Concen: 10.38 ug/L
RT: 8.363 min Scan# 1027
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 83 Resp: 73265

Ion	Ratio	Lower	Upper
83	100		
97	117.9	98.8	138.8
85	68.6	48.1	88.1

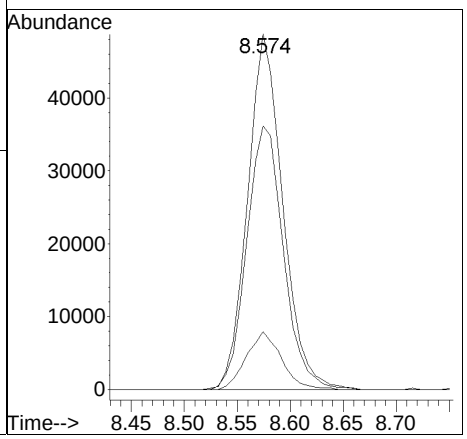


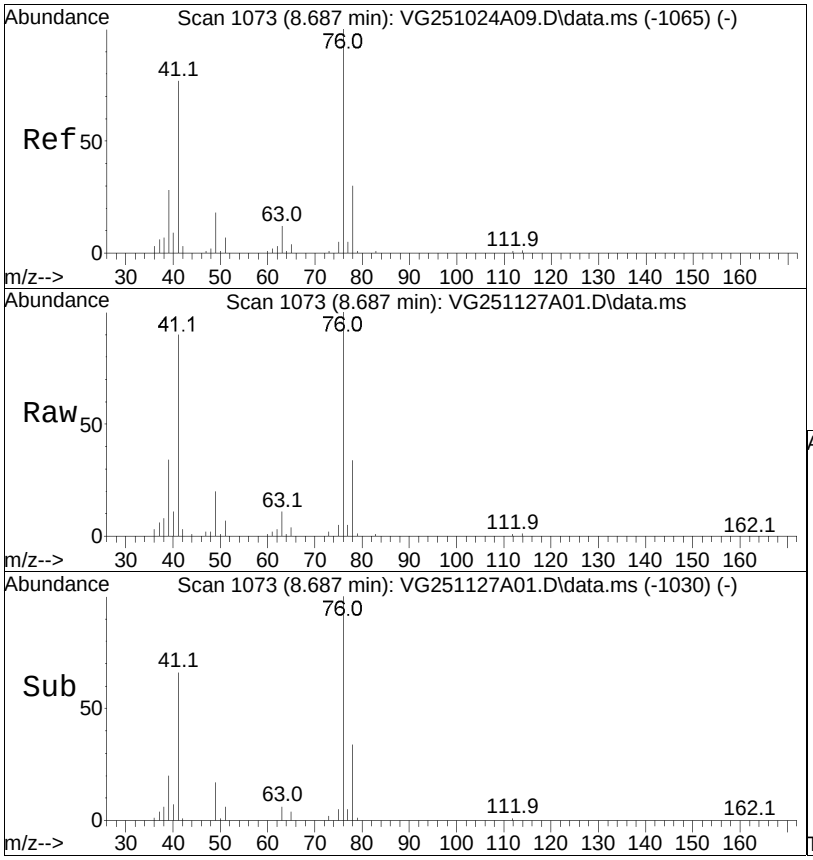


#69
Chlorodibromomethane
Concen: 9.90 ug/L
RT: 8.574 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:129 Resp: 112697

Ion	Ratio	Lower	Upper
129	100		
81	16.1	0.0	35.2
127	77.5	56.0	96.0

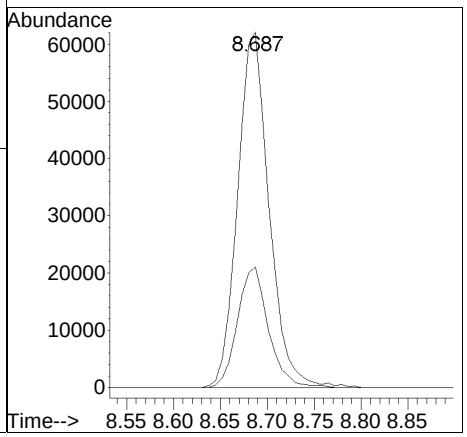


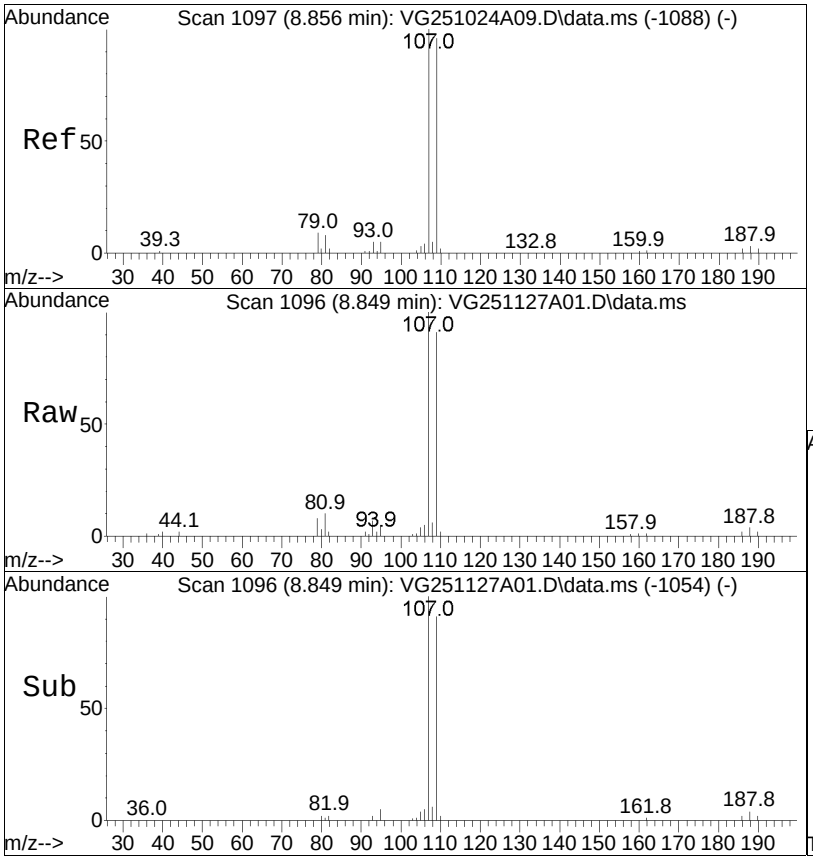


#70
1,3-Dichloropropane
Concen: 10.26 ug/L
RT: 8.687 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 76 Resp: 144813

Ion	Ratio	Lower	Upper
76	100		
78	33.2	25.3	37.9

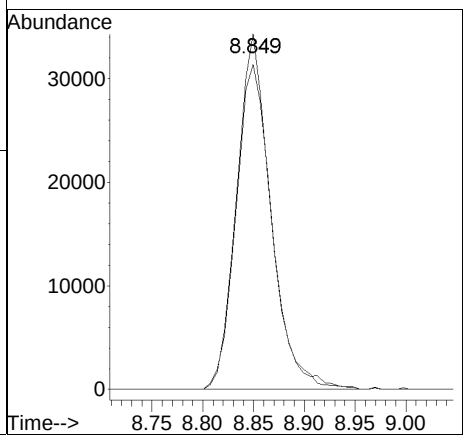


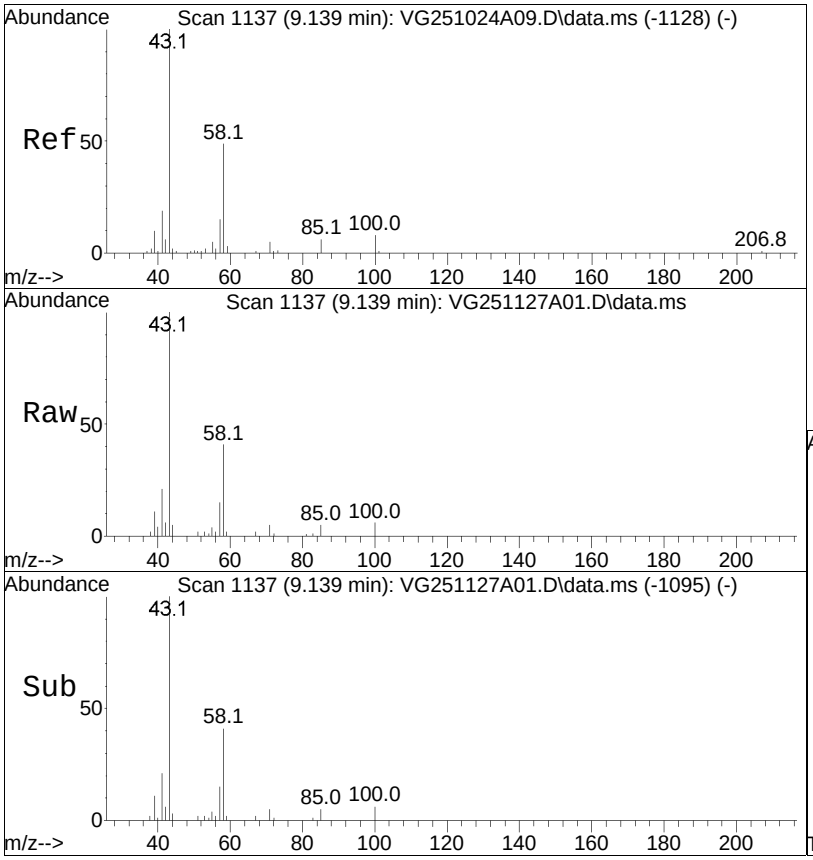


#71
1,2-Dibromoethane
Concen: 9.73 ug/L
RT: 8.849 min Scan# 1096
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:107 Resp: 80268

Ion	Ratio	Lower	Upper
107	100		
109	96.7	0.0	0.0#

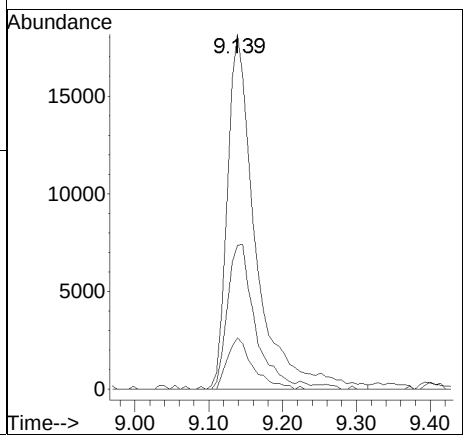


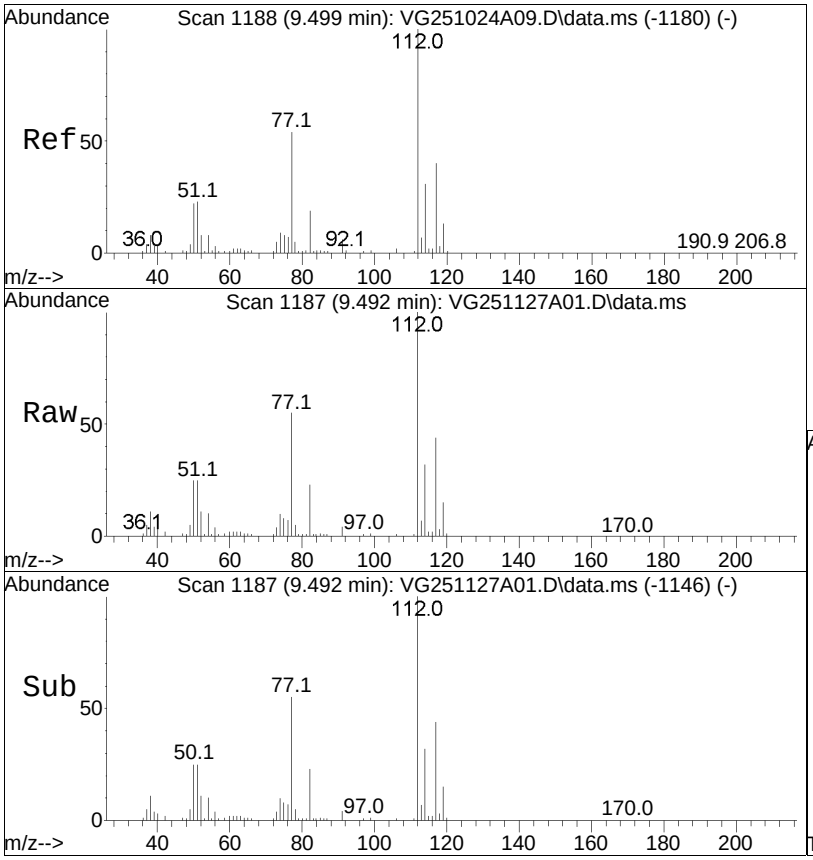


#72
2-Hexanone
Concen: 10.06 ug/L
RT: 9.139 min Scan# 1137
Delta R.T. -0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 43 Resp: 48734

Ion	Ratio	Lower	Upper
43	100		
58	40.6	36.8	55.2
57	13.3	12.6	18.8

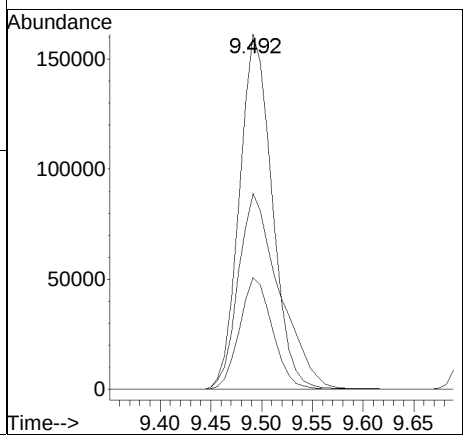


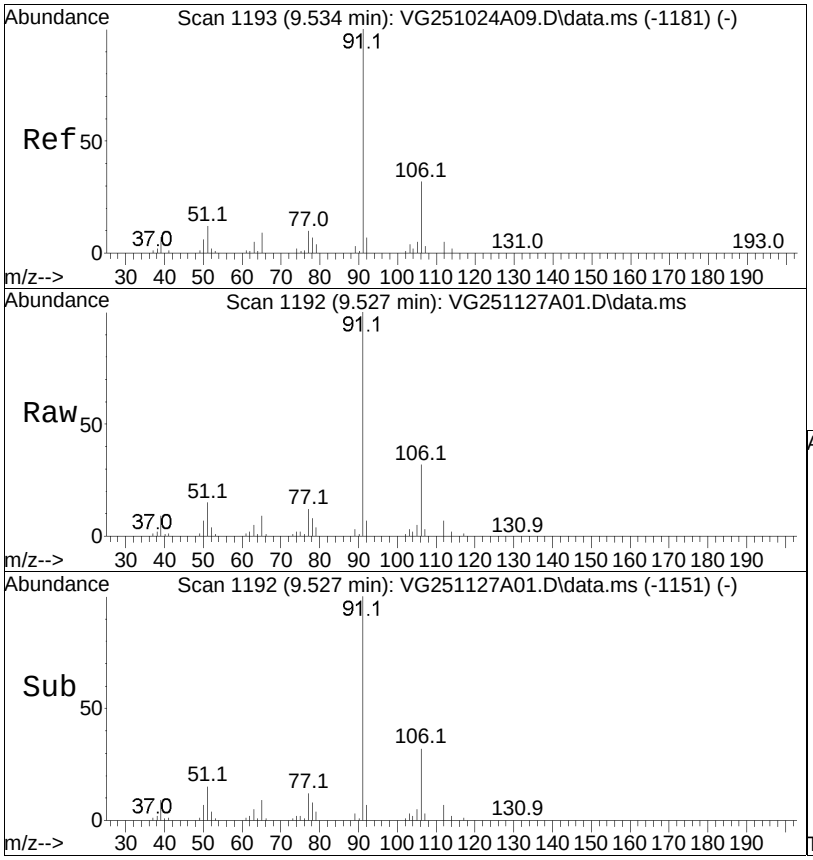


#73
Chlorobenzene
Concen: 10.65 ug/L
RT: 9.492 min Scan# 1187
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:112 Resp: 361328

Ion	Ratio	Lower	Upper
112	100		
77	69.7	53.6	80.4
114	31.7	25.4	38.0

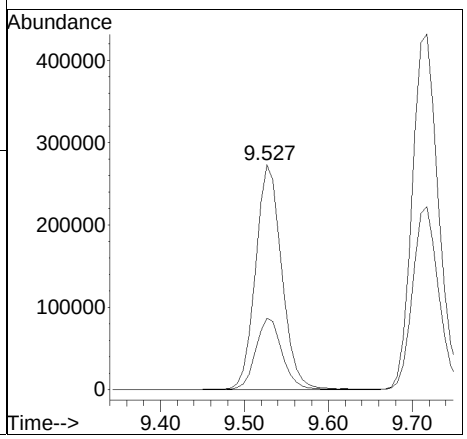


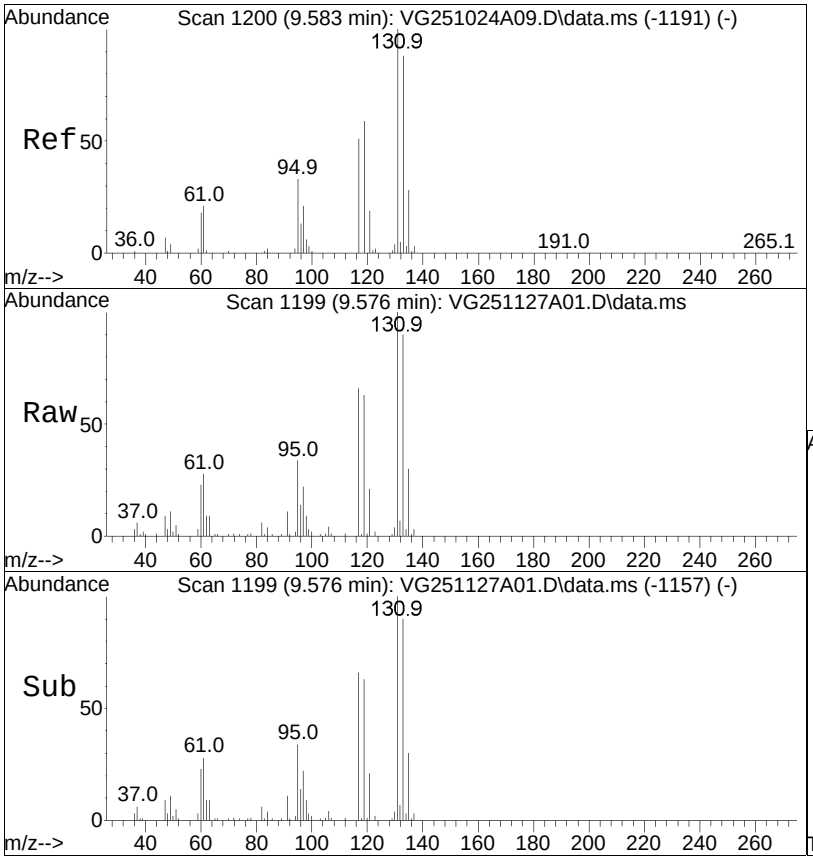


#74
Ethylbenzene
Concen: 10.60 ug/L
RT: 9.527 min Scan# 1192
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 91 Resp: 590472

Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.4	38.2

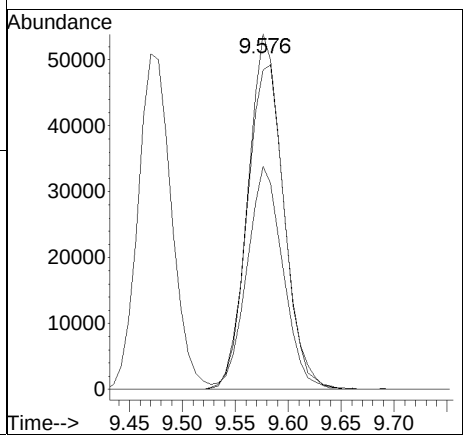


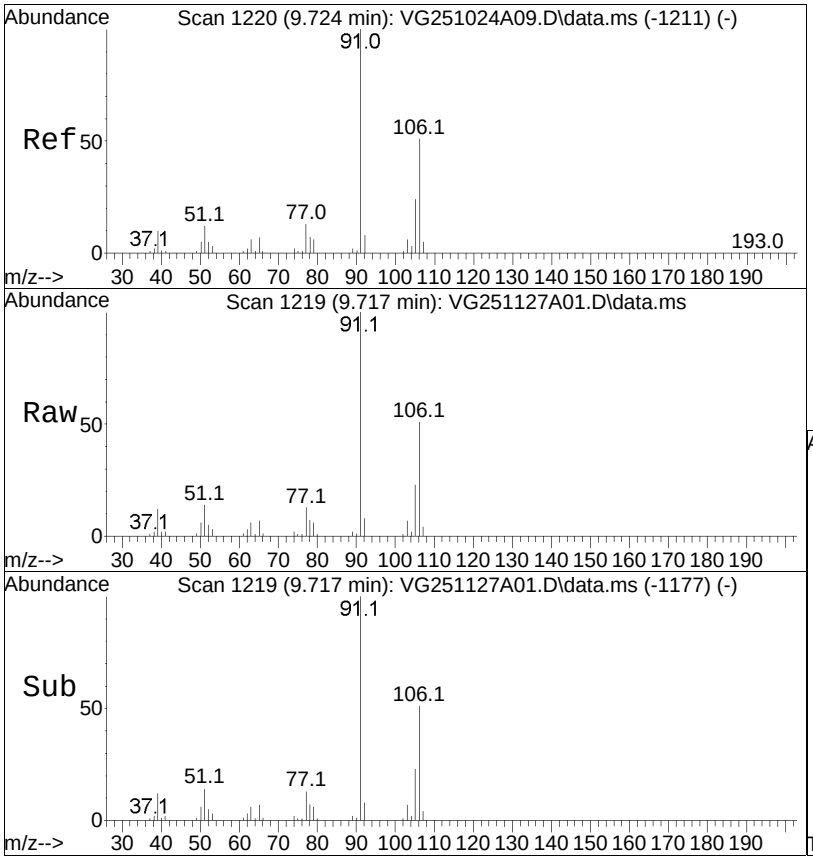


#75
1,1,1,2-Tetrachloroethane
Concen: 10.16 ug/L
RT: 9.576 min Scan# 1199
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:131 Resp: 125549

Ion	Ratio	Lower	Upper
131	100		
133	95.6	76.3	116.3
119	63.9	44.5	84.5

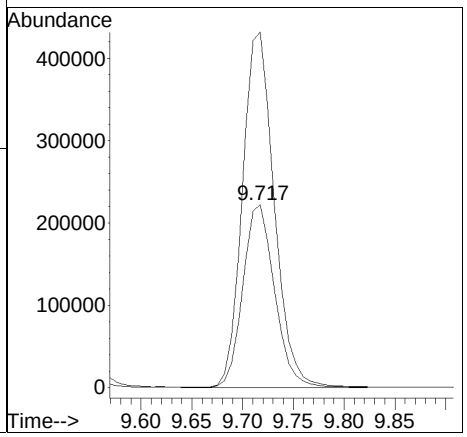


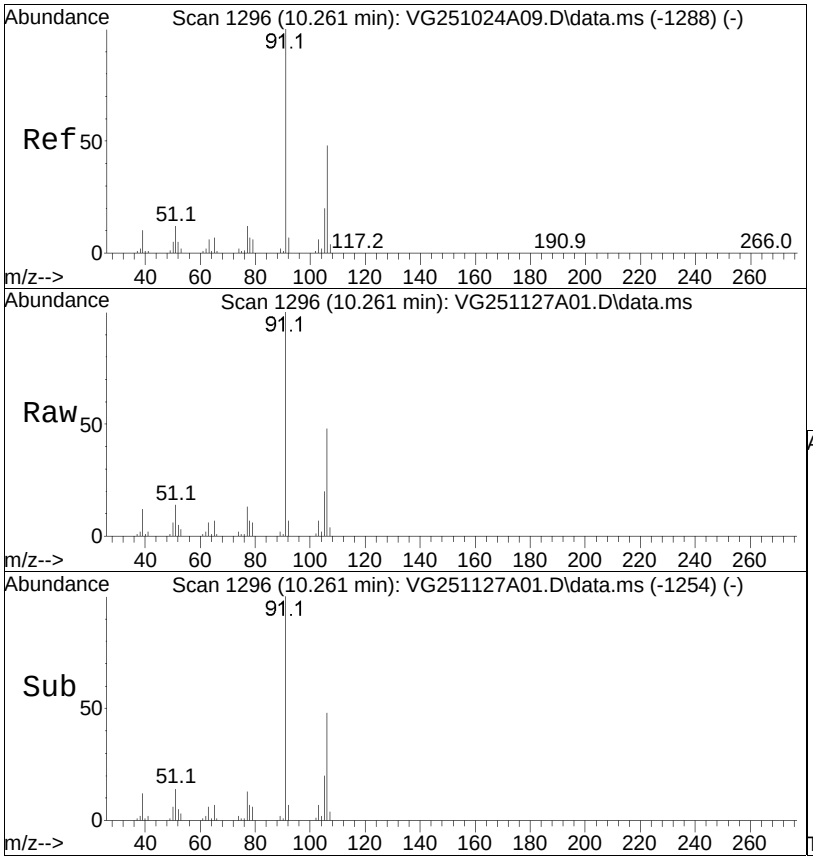


#76
p/m Xylene
Concen: 21.86 ug/L
RT: 9.717 min Scan# 1219
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:106 Resp: 481562

Ion	Ratio	Lower	Upper
106	100		
91	194.5	157.6	236.4

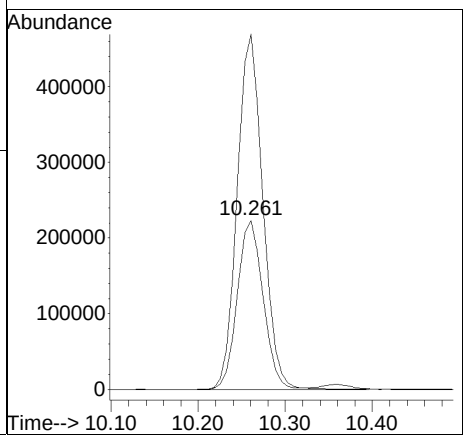


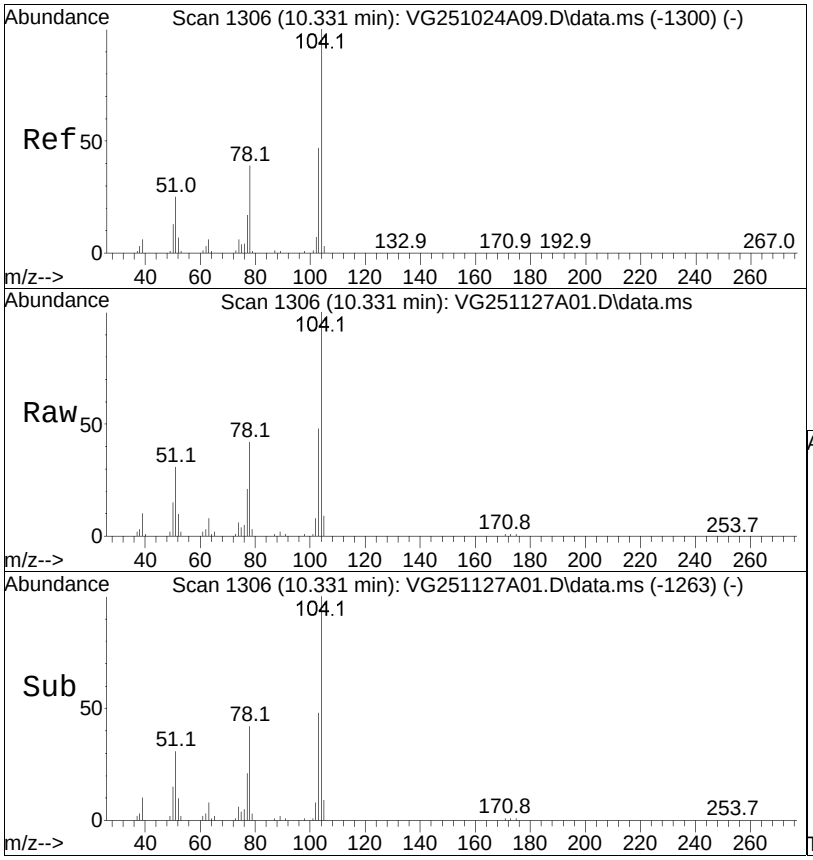


#77
o Xylene
Concen: 21.43 ug/L
RT: 10.261 min Scan# 1296
Delta R.T. -0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:106 Resp: 462844

Ion	Ratio	Lower	Upper
106	100		
91	207.0	165.0	247.6

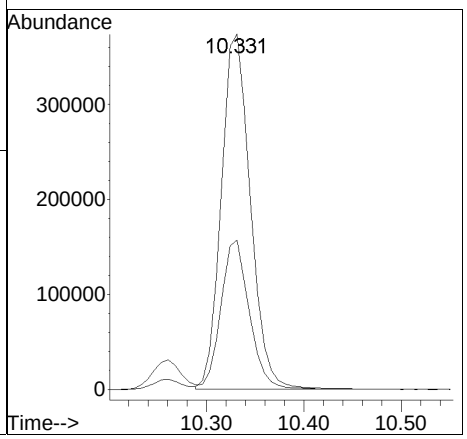


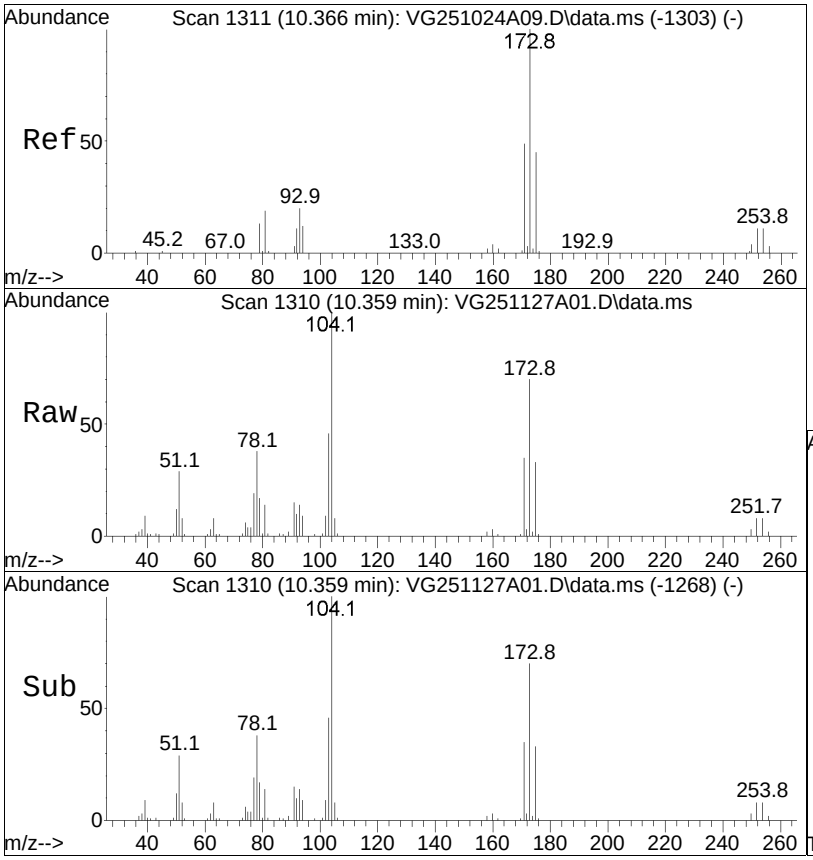


#78
Styrene
Concen: 22.04 ug/L
RT: 10.331 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:104 Resp: 775251

Ion	Ratio	Lower	Upper
104	100		
78	41.1	31.0	46.6

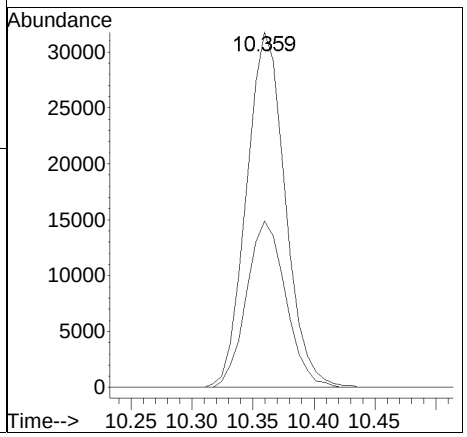


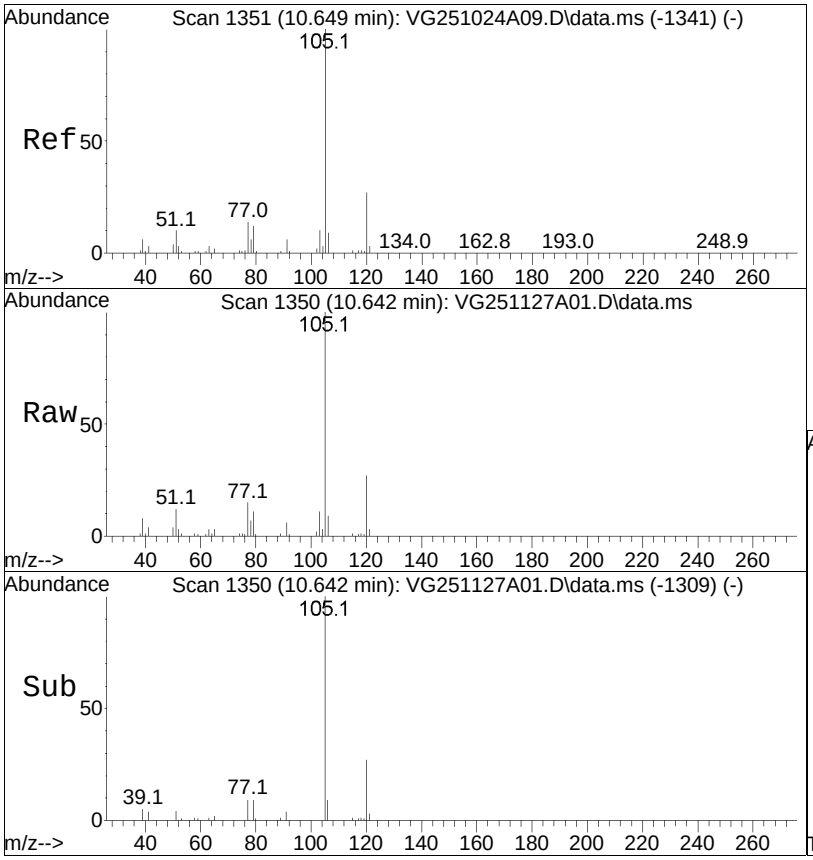


#80
Bromoform
Concen: 9.64 ug/L
RT: 10.359 min Scan# 1310
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:173 Resp: 70397

Ion	Ratio	Lower	Upper
173	100		
175	47.5	28.1	68.1

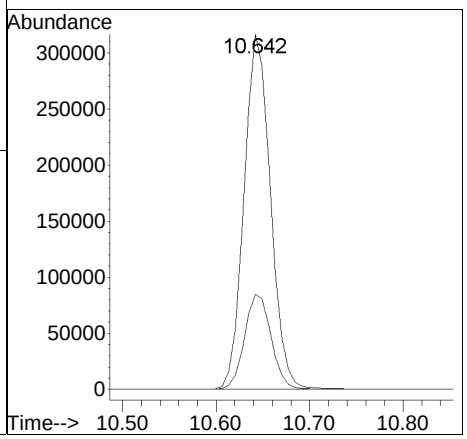


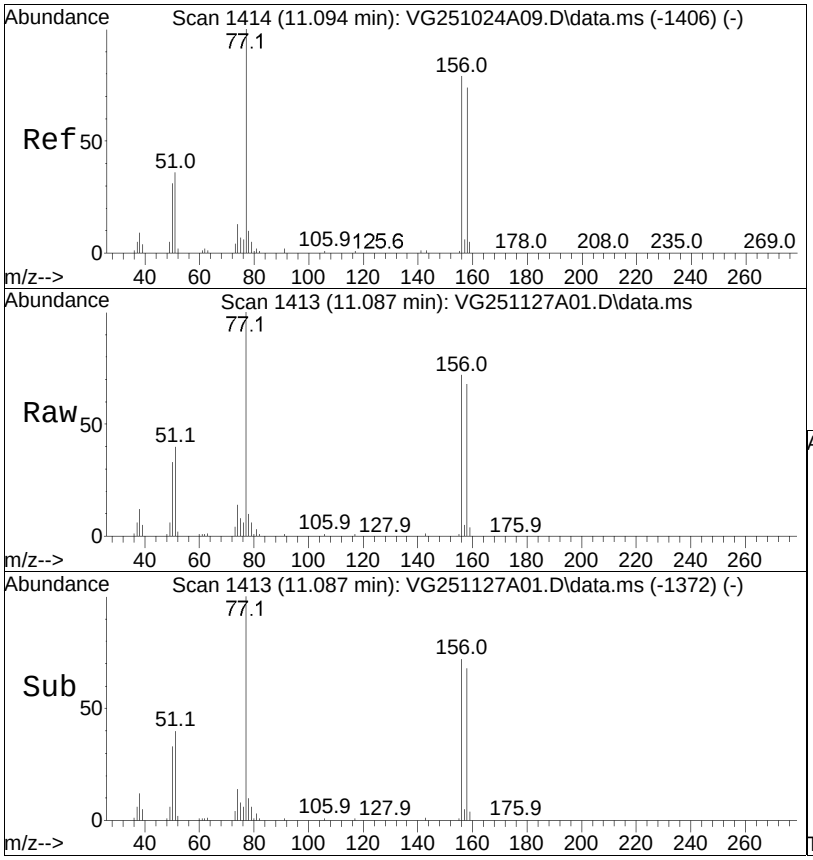


#82
Isopropylbenzene
Concen: 11.04 ug/L
RT: 10.642 min Scan# 1350
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:105 Resp: 623273

Ion	Ratio	Lower	Upper
105	100		
120	27.0	7.1	47.1

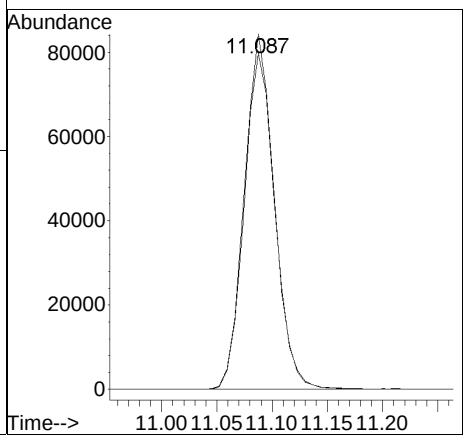


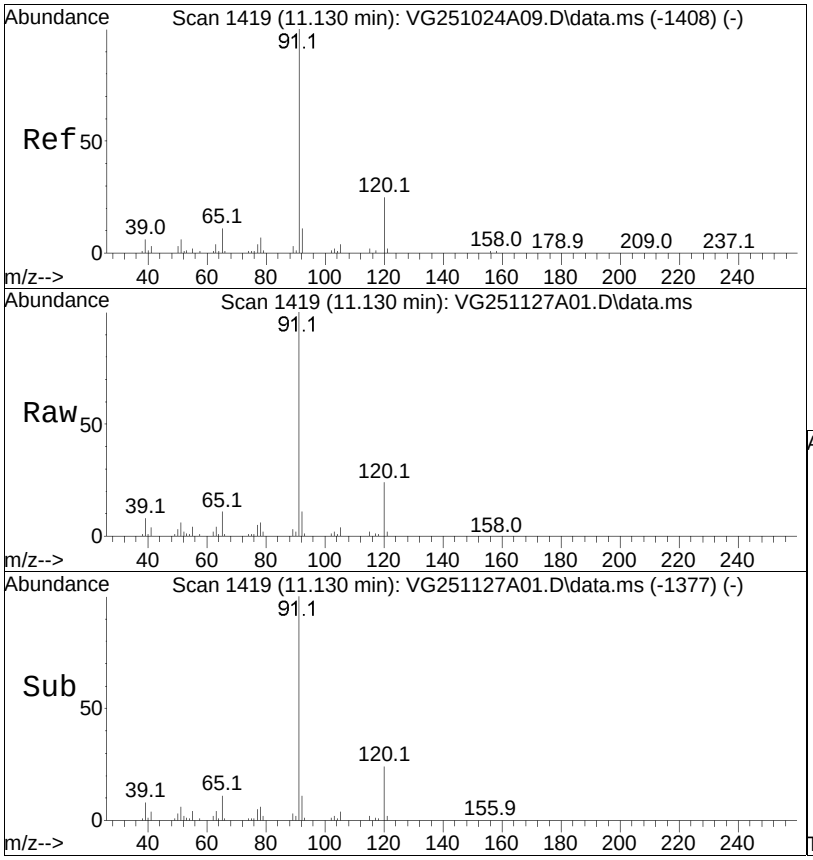


#84
Bromobenzene
Concen: 10.42 ug/L
RT: 11.087 min Scan# 1413
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:156 Resp: 159589

Ion	Ratio	Lower	Upper
156	100		
158	96.9	76.6	115.0

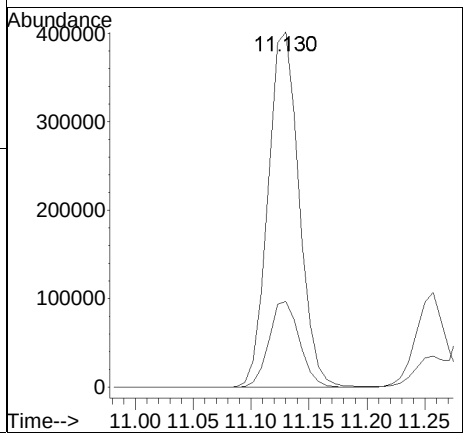


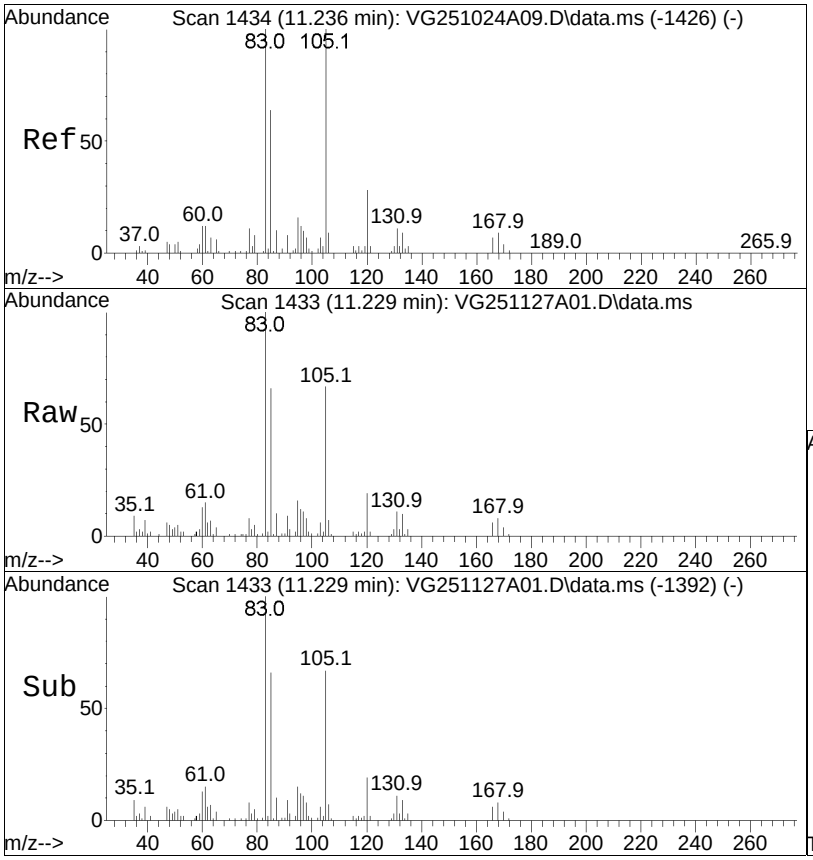


#85
n-Propylbenzene
Concen: 11.02 ug/L
RT: 11.130 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 91 Resp: 748694

Ion	Ratio	Lower	Upper
91	100		
120	23.9	19.3	28.9

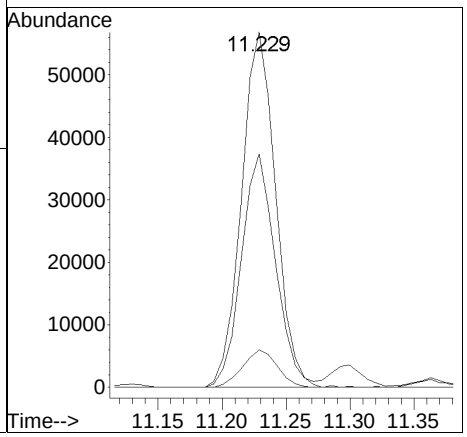


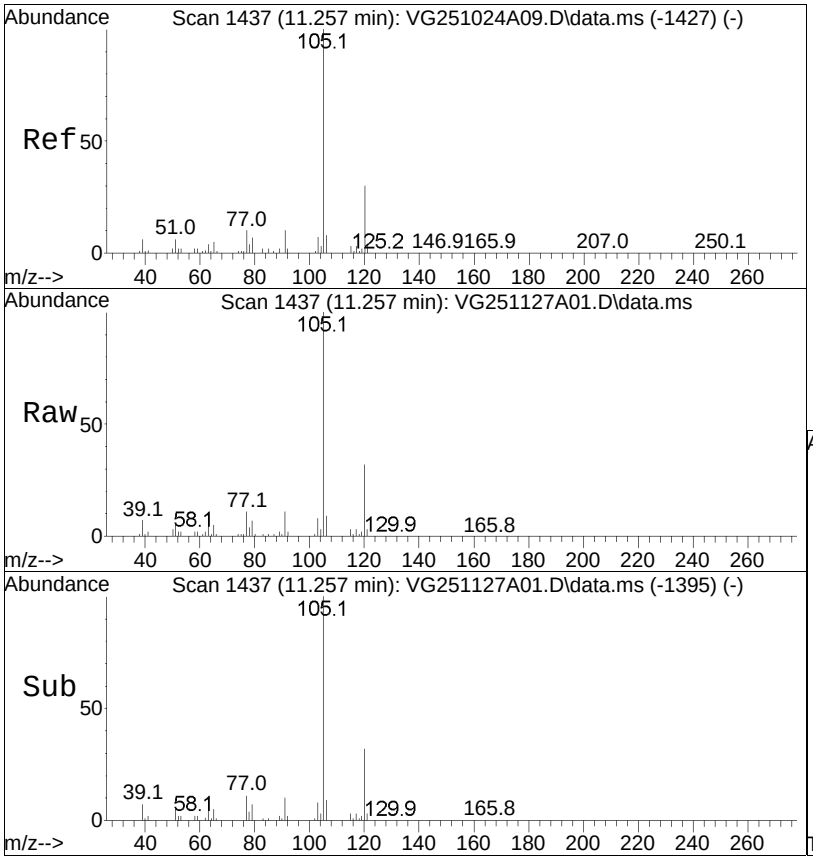


#87
1,1,2,2-Tetrachloroethane
Concen: 10.29 ug/L
RT: 11.229 min Scan# 1433
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 83 Resp: 105495

Ion	Ratio	Lower	Upper
83	100		
131	10.8	0.0	31.0
85	65.8	44.4	84.4

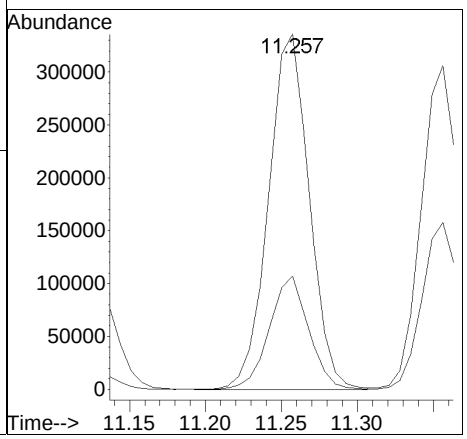


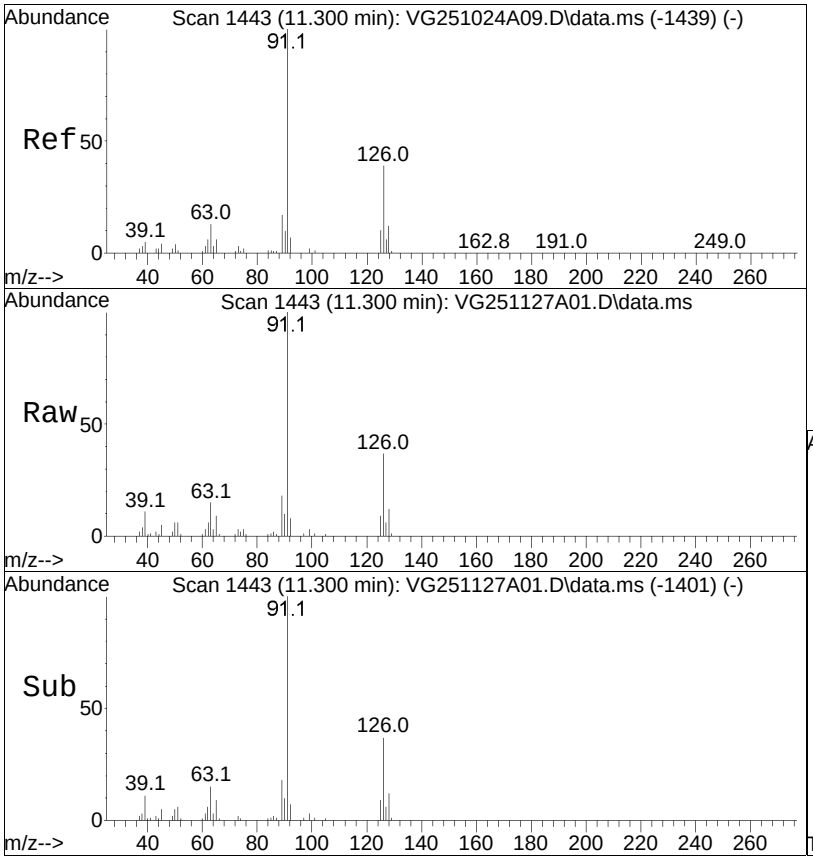


#88
4-Ethyltoluene
Concen: 11.06 ug/L
RT: 11.257 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:105 Resp: 626679

Ion	Ratio	Lower	Upper
105	100		
120	30.7	19.8	41.0

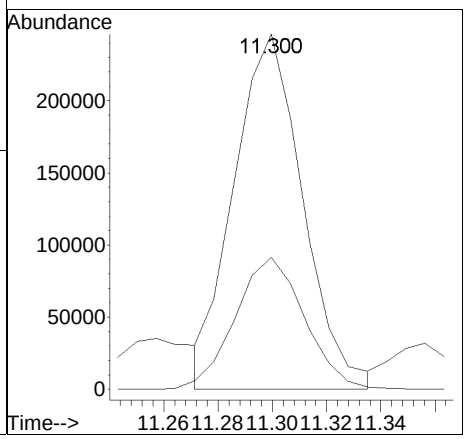


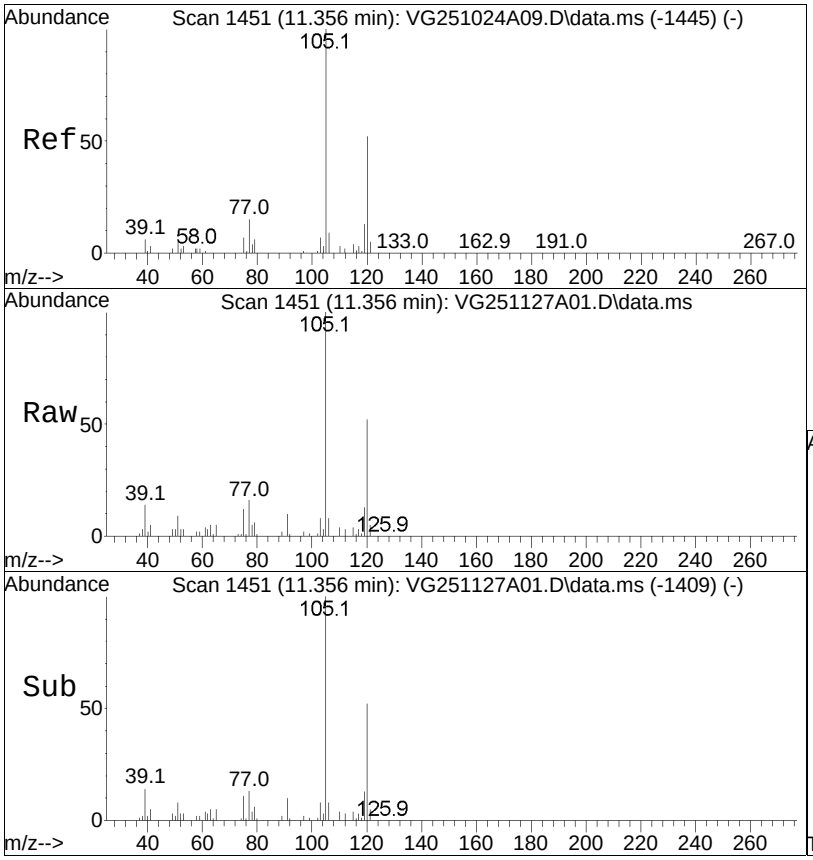


#89
2-Chlorotoluene
Concen: 10.33 ug/L M6
RT: 11.300 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 91 Resp: 434237

Ion	Ratio	Lower	Upper
91	100		
126	37.5	29.0	43.4

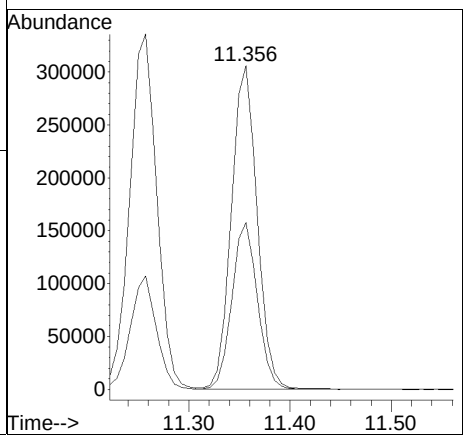


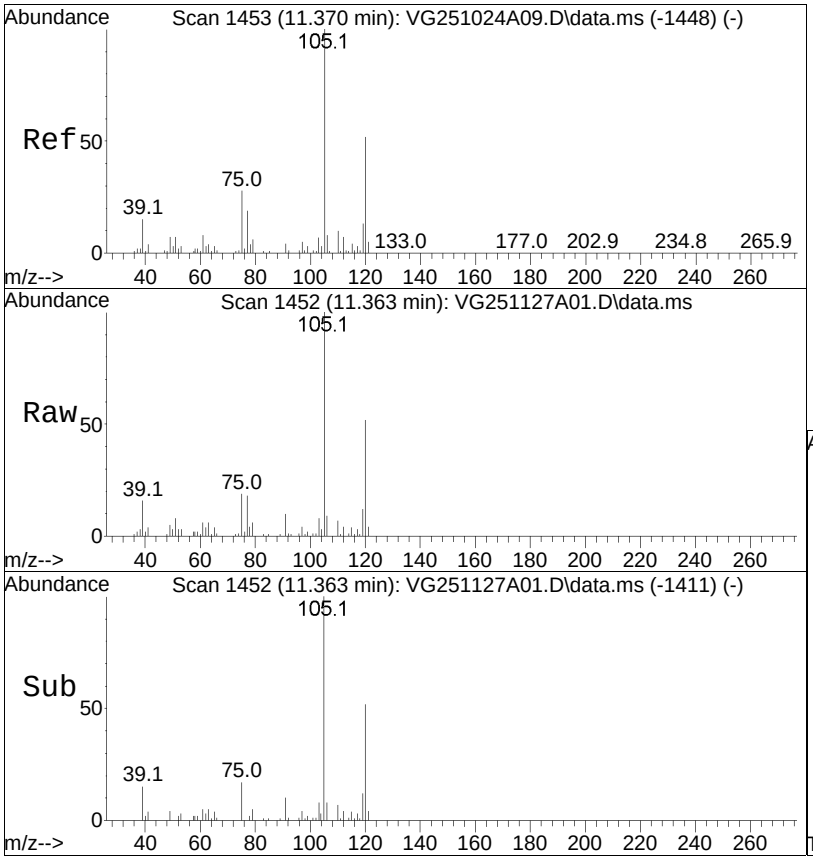


#90
1,3,5-Trimethylbenzene
Concen: 10.91 ug/L
RT: 11.356 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:105 Resp: 541521

Ion	Ratio	Lower	Upper
105	100		
120	51.2	40.6	61.0

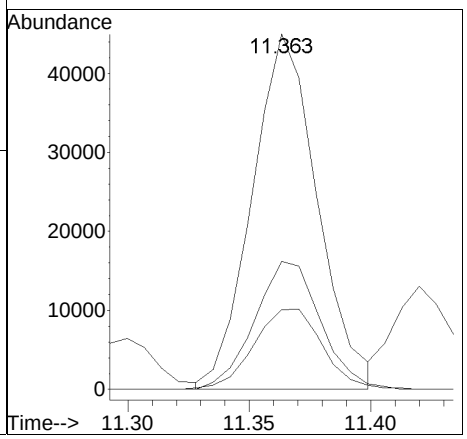


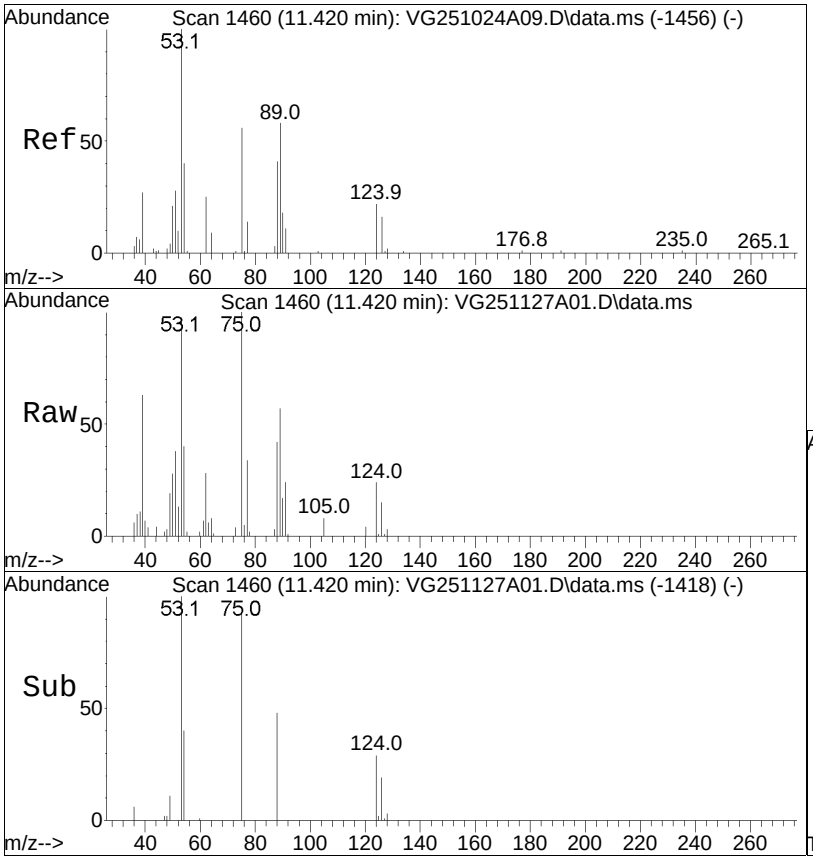


#91
1,2,3-Trichloropropane
Concen: 9.87 ug/L
RT: 11.363 min Scan# 1452
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 75 Resp: 84093

Ion	Ratio	Lower	Upper
75	100		
110	36.4	23.5	48.9
112	23.8	15.5	32.1

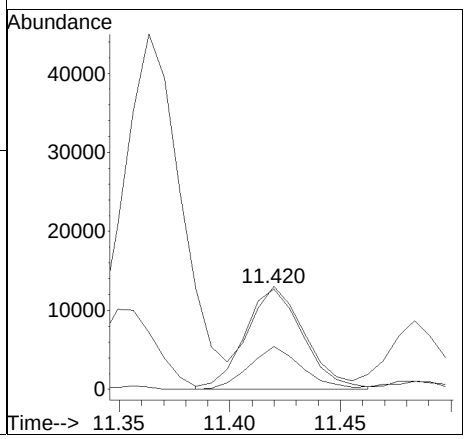


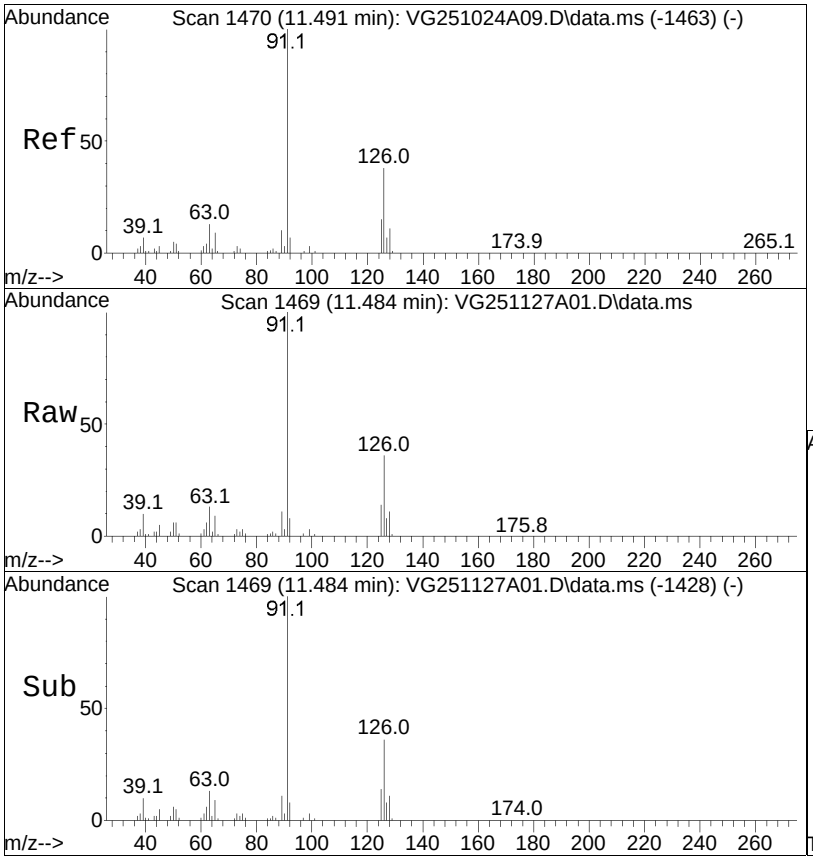


#92
trans-1,4-Dichloro-2-butene
Concen: 7.76 ug/L
RT: 11.420 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 53 Resp: 23440

Ion	Ratio	Lower	Upper
53	100		
88	38.6	36.2	54.2
75	96.0	85.4	128.0

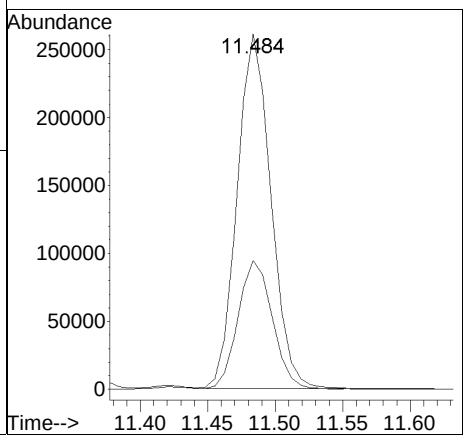


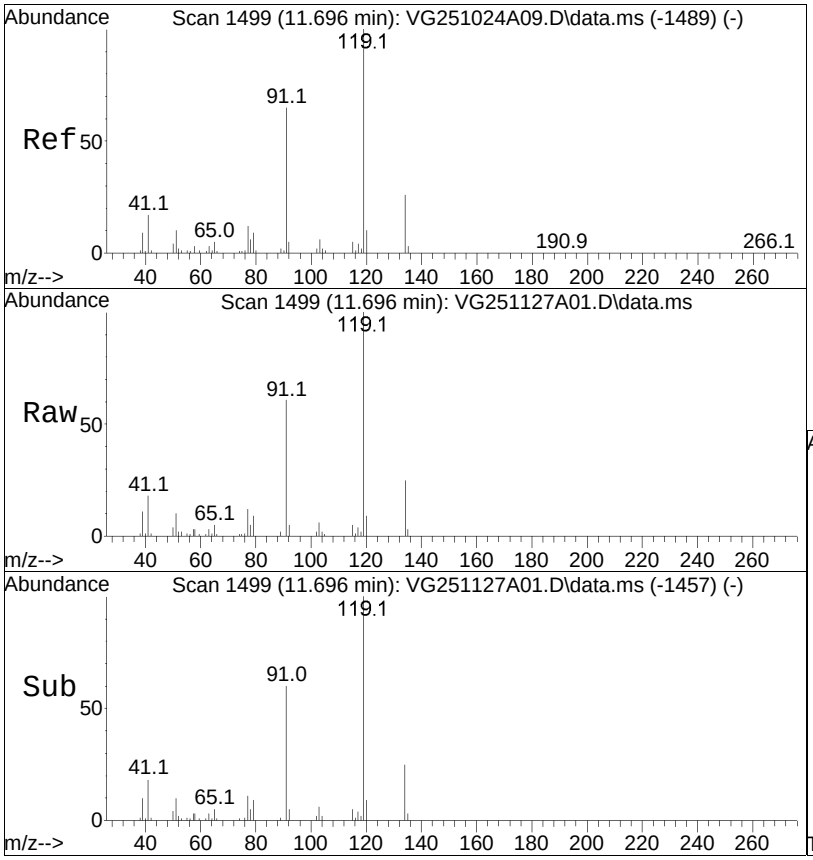


#93
4-Chlorotoluene
Concen: 10.56 ug/L
RT: 11.484 min Scan# 1469
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 91 Resp: 454018

Ion	Ratio	Lower	Upper
91	100		
126	37.4	29.8	44.8

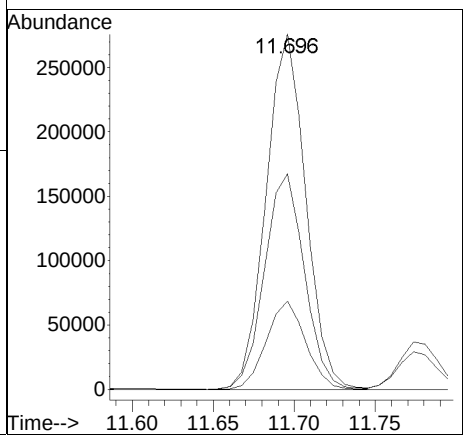


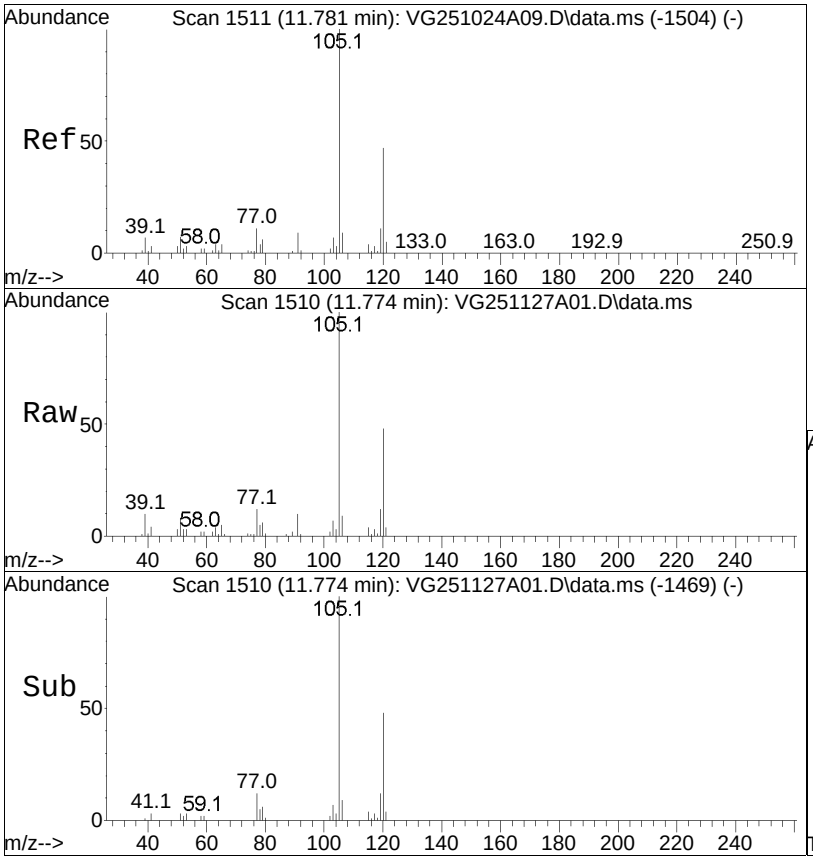


#94
tert-Butylbenzene
Concen: 11.04 ug/L
RT: 11.696 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:119 Resp: 469619

Ion	Ratio	Lower	Upper
119	100		
91	61.3	50.4	75.6
134	24.6	20.6	30.8

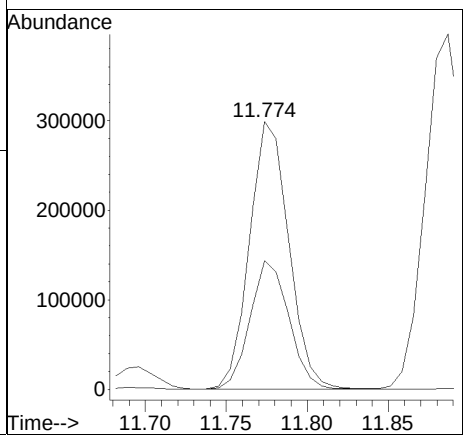


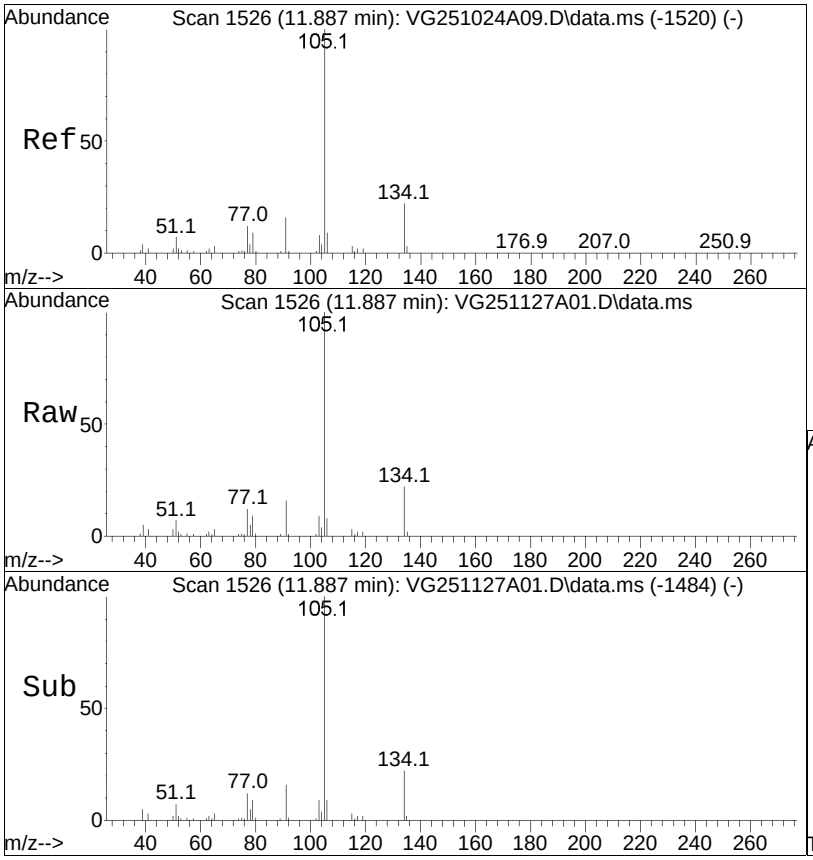


#97
1,2,4-Trimethylbenzene
Concen: 10.94 ug/L
RT: 11.774 min Scan# 1510
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:105 Resp: 504652

Ion	Ratio	Lower	Upper
105	100		
120	47.4	37.9	56.9

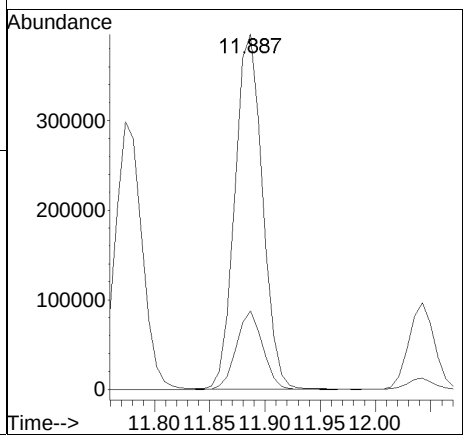


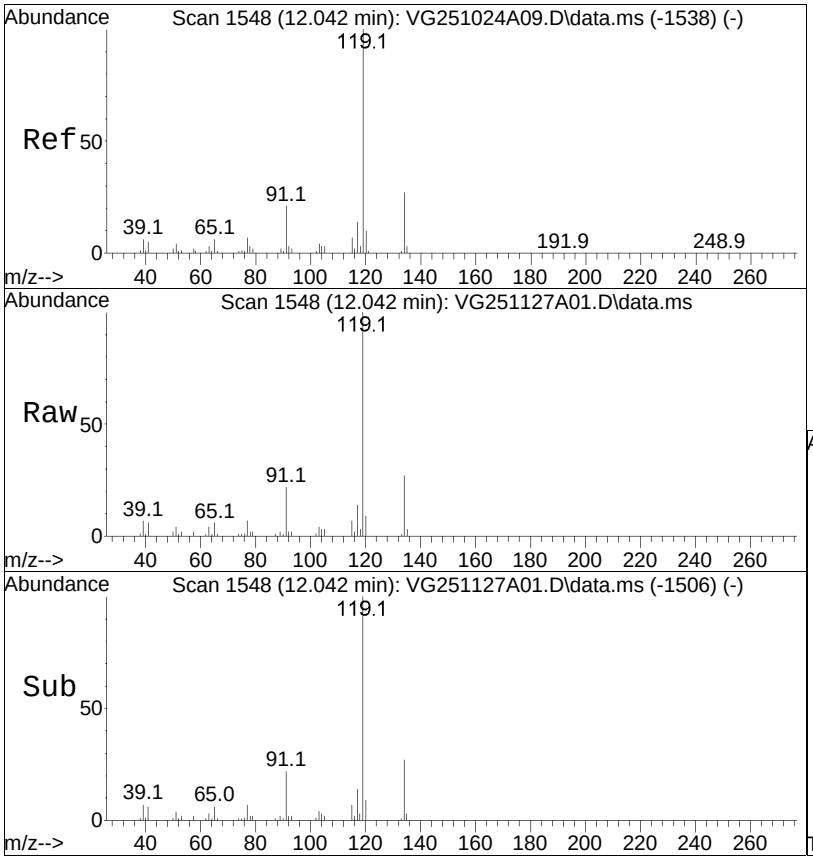


#98
sec-Butylbenzene
Concen: 11.36 ug/L
RT: 11.887 min Scan# 1526
Delta R.T. -0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:105 Resp: 692487

Ion	Ratio	Lower	Upper
105	100		
134	20.9	13.9	28.9

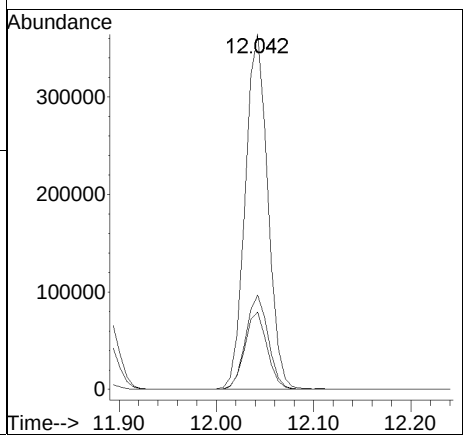


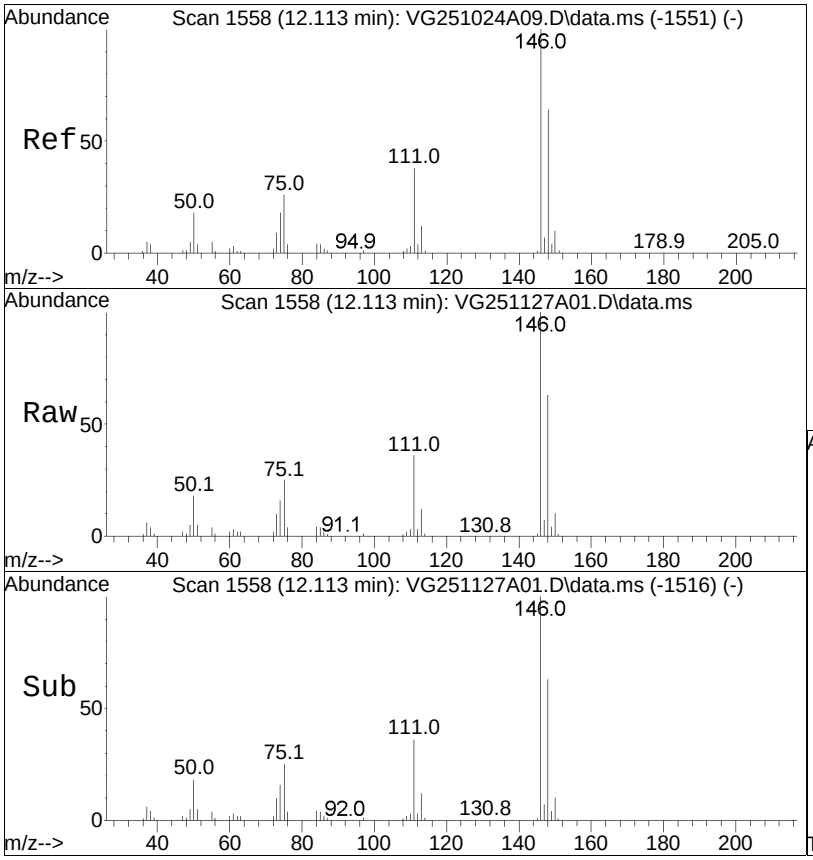


#99
p-Isopropyltoluene
Concen: 10.25 ug/L
RT: 12.042 min Scan# 1548
Delta R.T. 0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:119 Resp: 590239

Ion	Ratio	Lower	Upper
119	100		
134	26.5	17.9	37.1
91	21.7	14.1	29.3

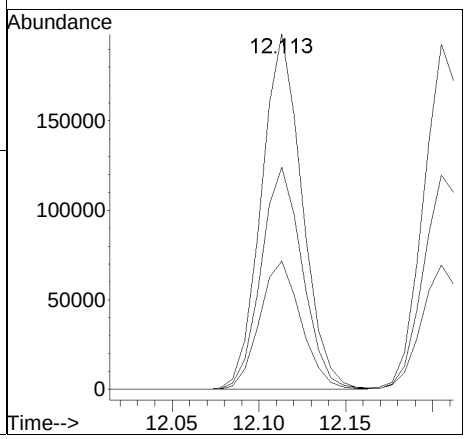


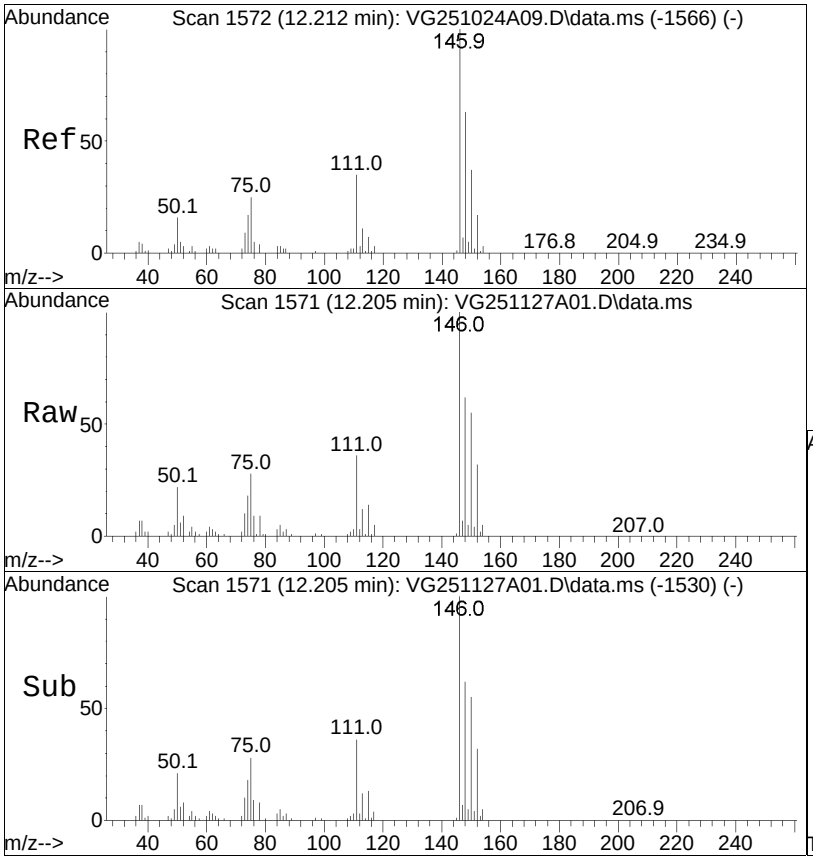


#100
1,3-Dichlorobenzene
Concen: 10.68 ug/L
RT: 12.113 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:146 Resp: 324046

Ion	Ratio	Lower	Upper
146	100		
111	36.8	24.2	50.2
148	63.6	41.5	86.1

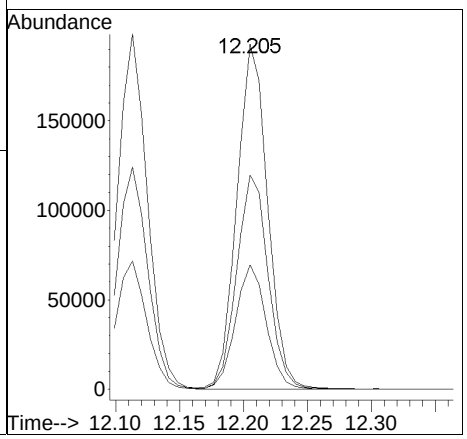


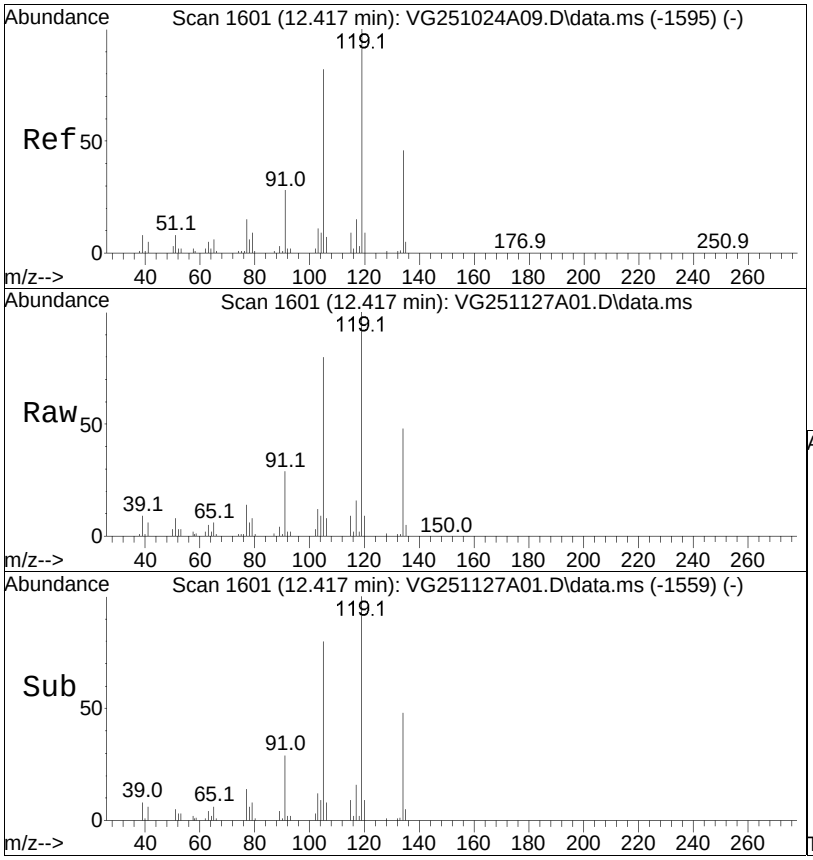


#101
1,4-Dichlorobenzene
Concen: 10.58 ug/L
RT: 12.205 min Scan# 1571
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:146 Resp: 322949

Ion	Ratio	Lower	Upper
146	100		
111	35.9	29.0	43.6
148	63.7	52.0	78.0

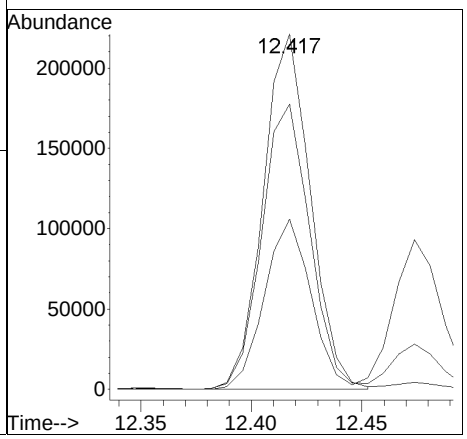


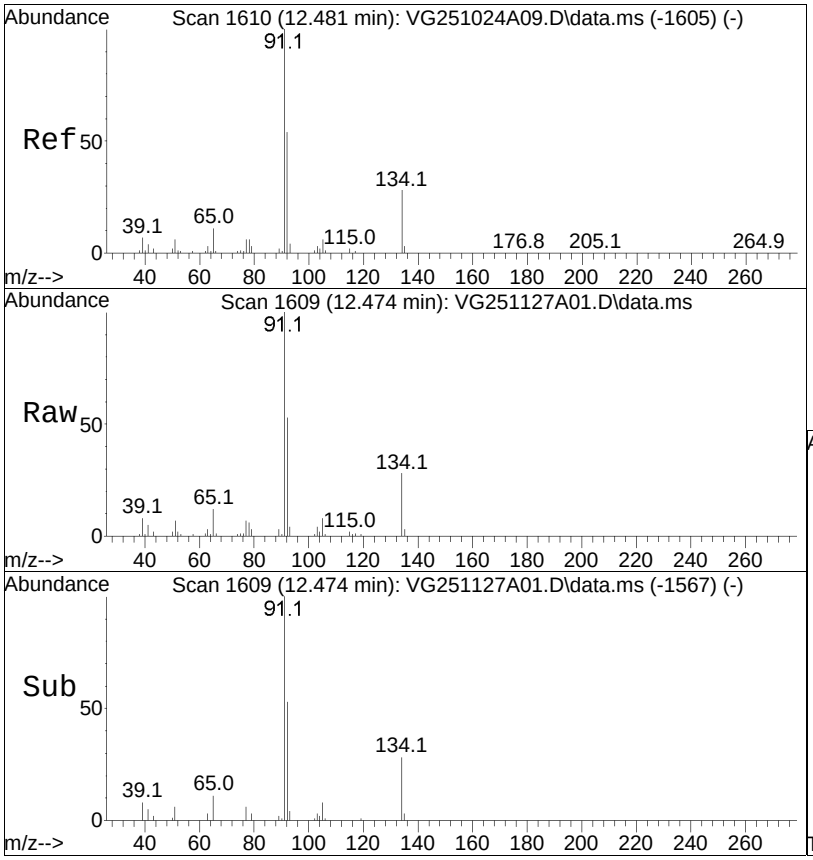


#102
p-Diethylbenzene
Concen: 10.33 ug/L
RT: 12.417 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:119 Resp: 329777

Ion	Ratio	Lower	Upper
119	100		
105	81.9	53.2	110.4
134	47.2	31.7	65.7

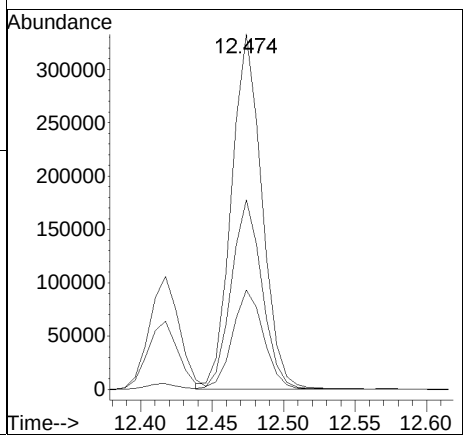


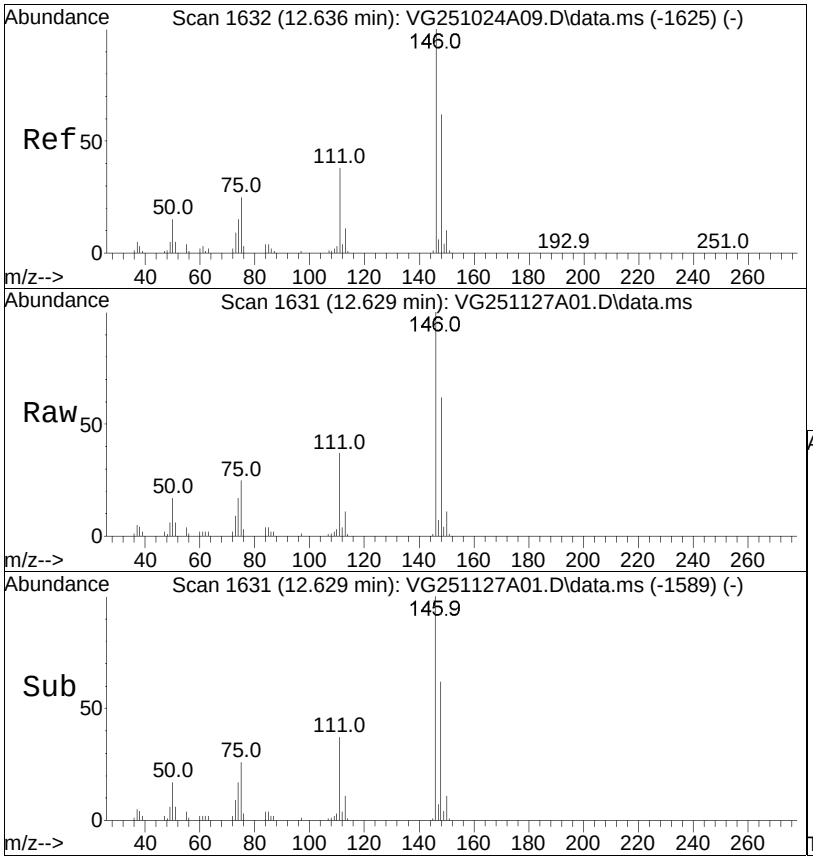


#103
n-Butylbenzene
Concen: 10.60 ug/L
RT: 12.474 min Scan# 1609
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion: 91 Resp: 494736

Ion	Ratio	Lower	Upper
91	100		
92	54.0	43.0	64.4
134	28.2	22.6	33.8

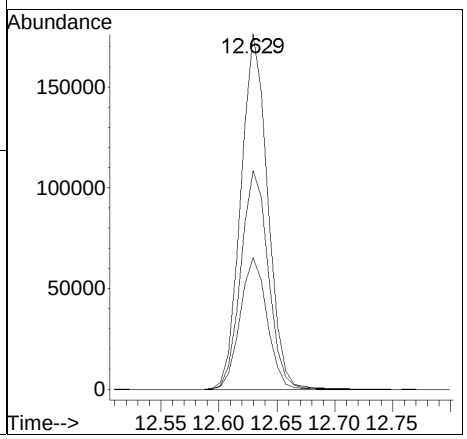


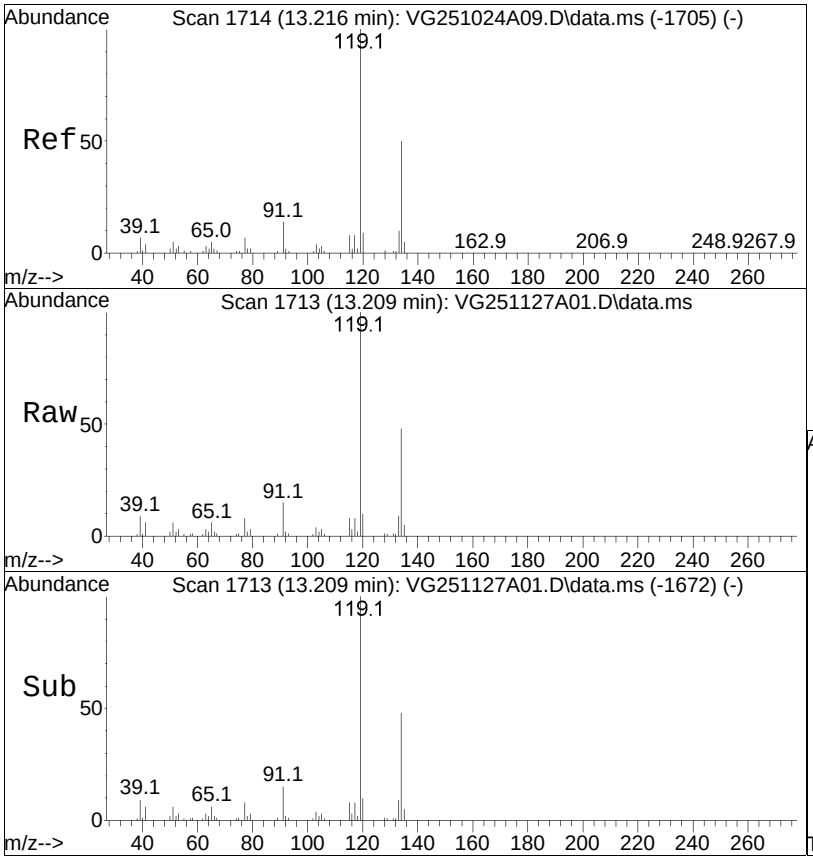


#104
1,2-Dichlorobenzene
Concen: 10.57 ug/L
RT: 12.629 min Scan# 1631
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:146 Resp: 284823

Ion	Ratio	Lower	Upper
146	100		
111	37.3	24.5	50.9
148	62.8	40.4	83.8

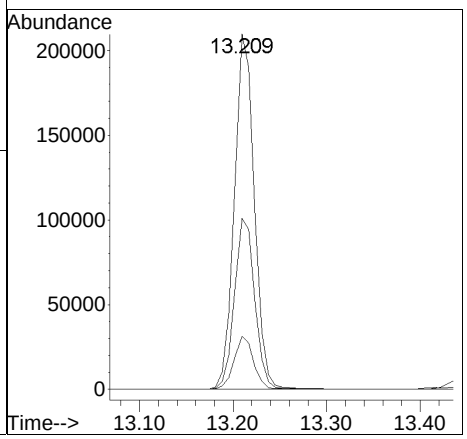


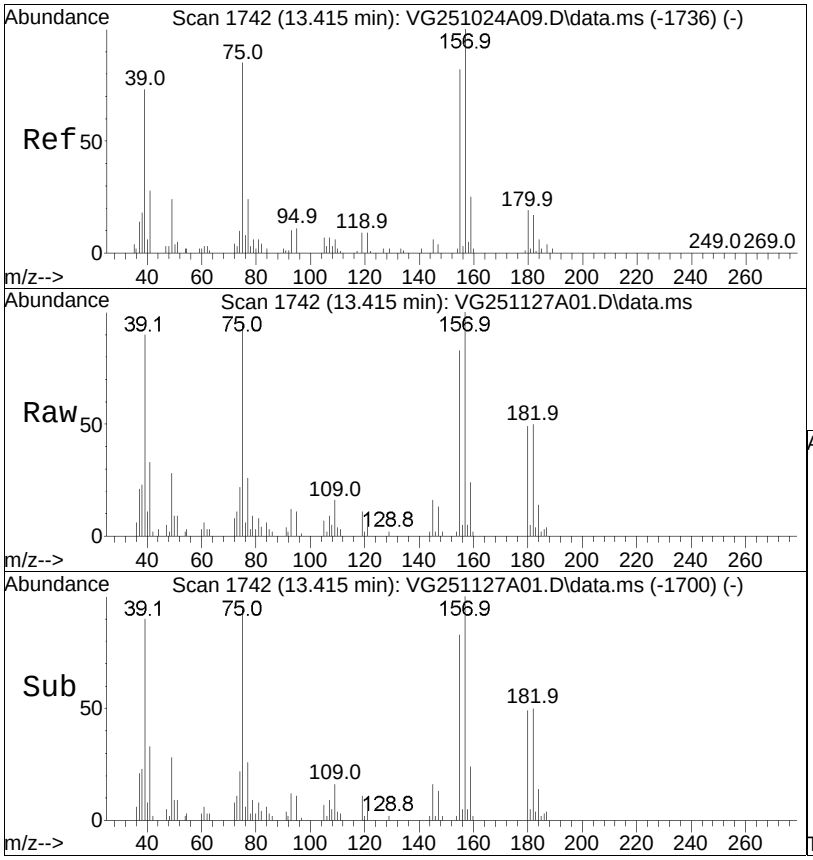


#105
1,2,4,5-Tetramethylbenzene
Concen: 8.93 ug/L
RT: 13.209 min Scan# 1713
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:119 Resp: 311799

Ion	Ratio	Lower	Upper
119	100		
134	48.9	32.4	67.2
91	14.7	9.5	19.7

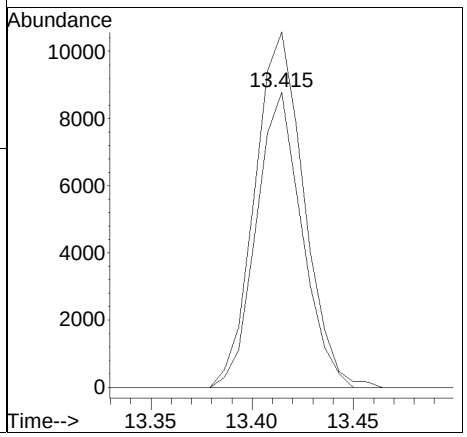


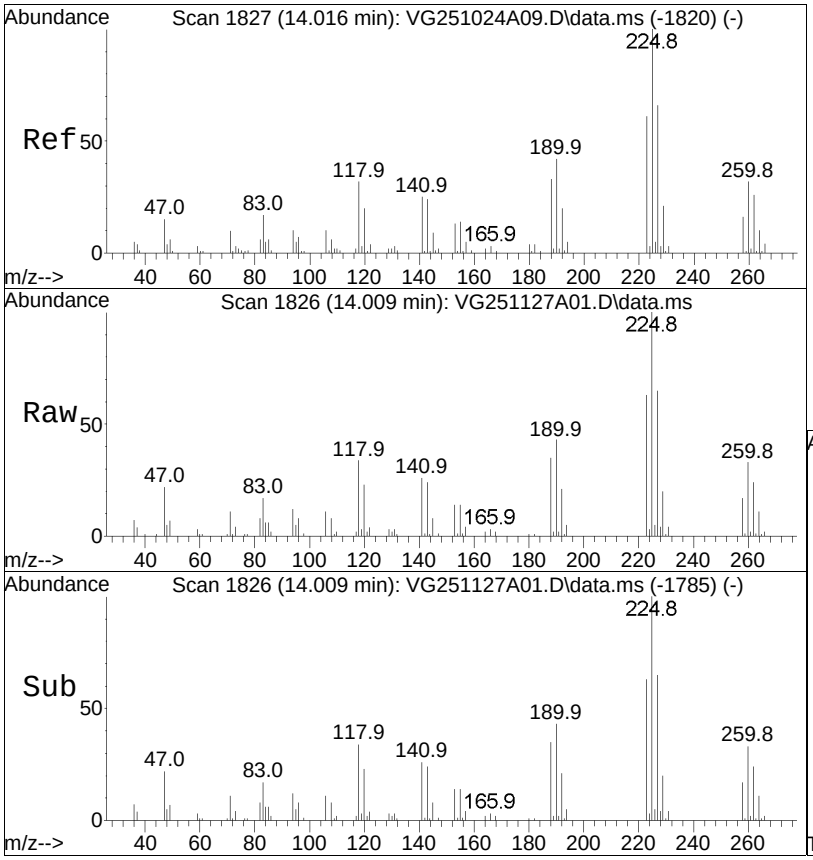


#106
1,2-Dibromo-3-chloropropane
Concen: 8.98 ug/L
RT: 13.415 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:155 Resp: 13755

Ion	Ratio	Lower	Upper
155	100		
157	129.8	100.1	150.1

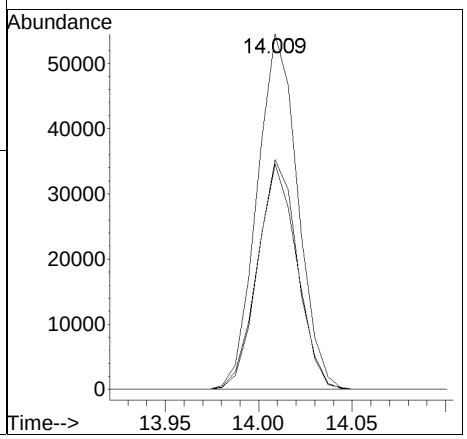


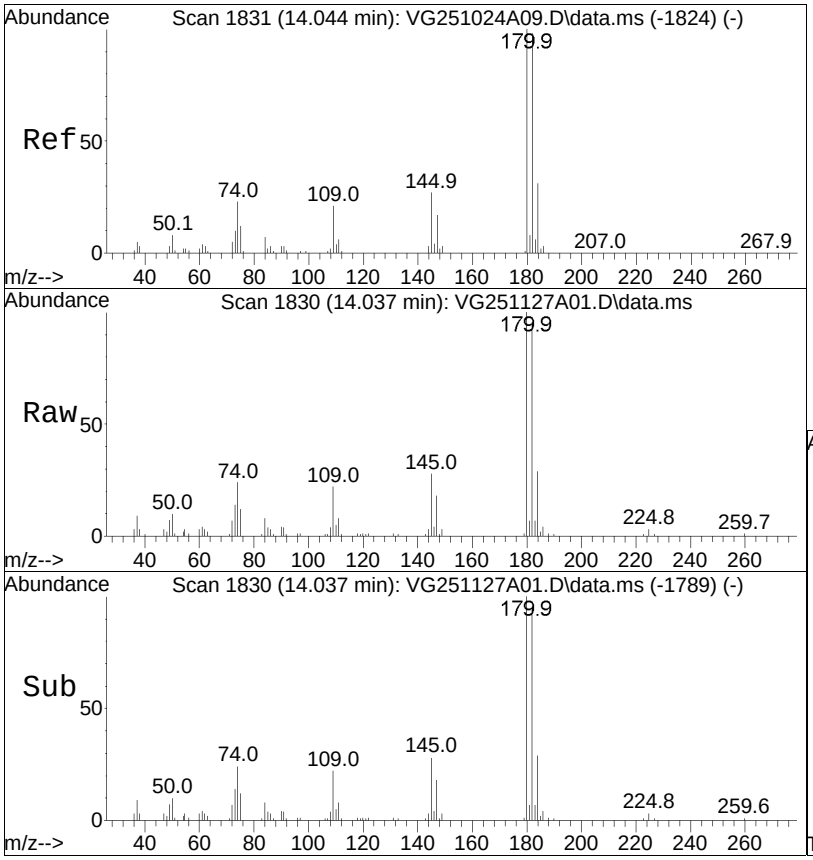


#108
Hexachlorobutadiene
Concen: 11.98 ug/L
RT: 14.009 min Scan# 1826
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:225 Resp: 82572

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.4	75.6
227	62.9	53.3	79.9

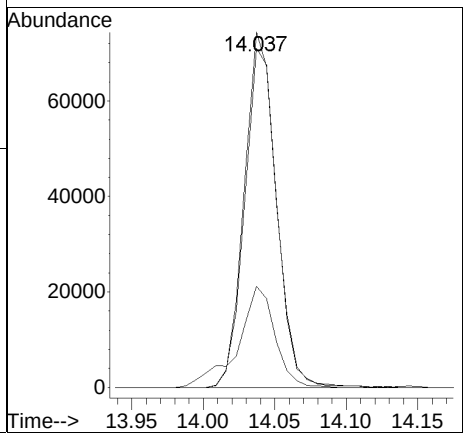


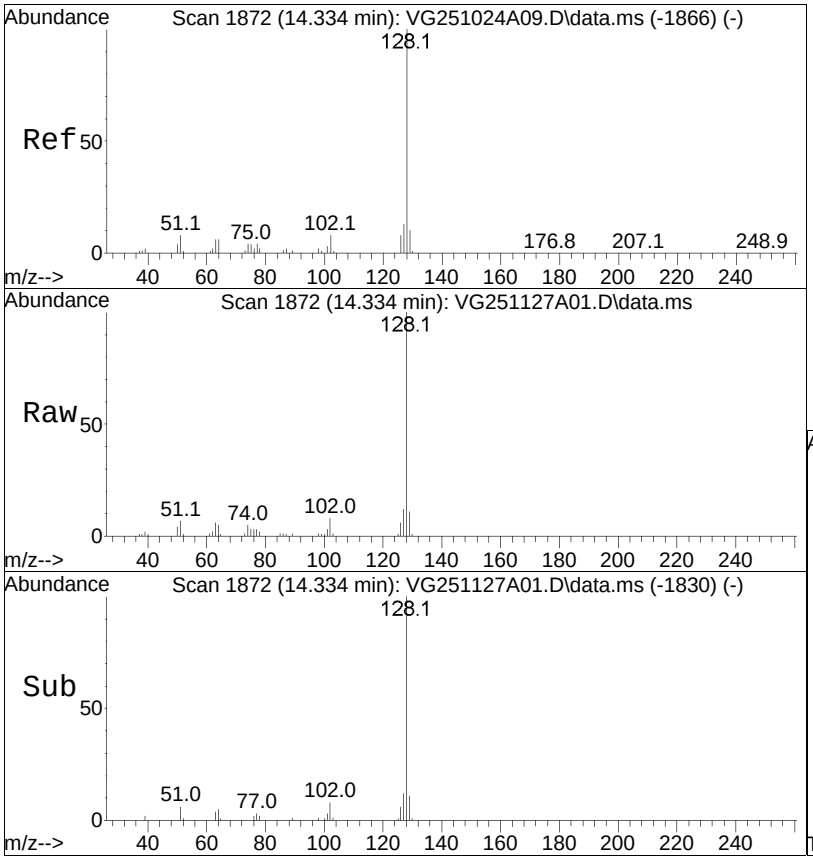


#109
1,2,4-Trichlorobenzene
Concen: 10.19 ug/L
RT: 14.037 min Scan# 1830
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:180 Resp: 115998

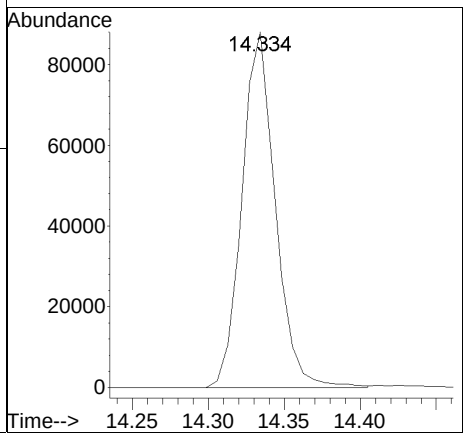
Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.4	114.6
145	32.9	26.2	39.2

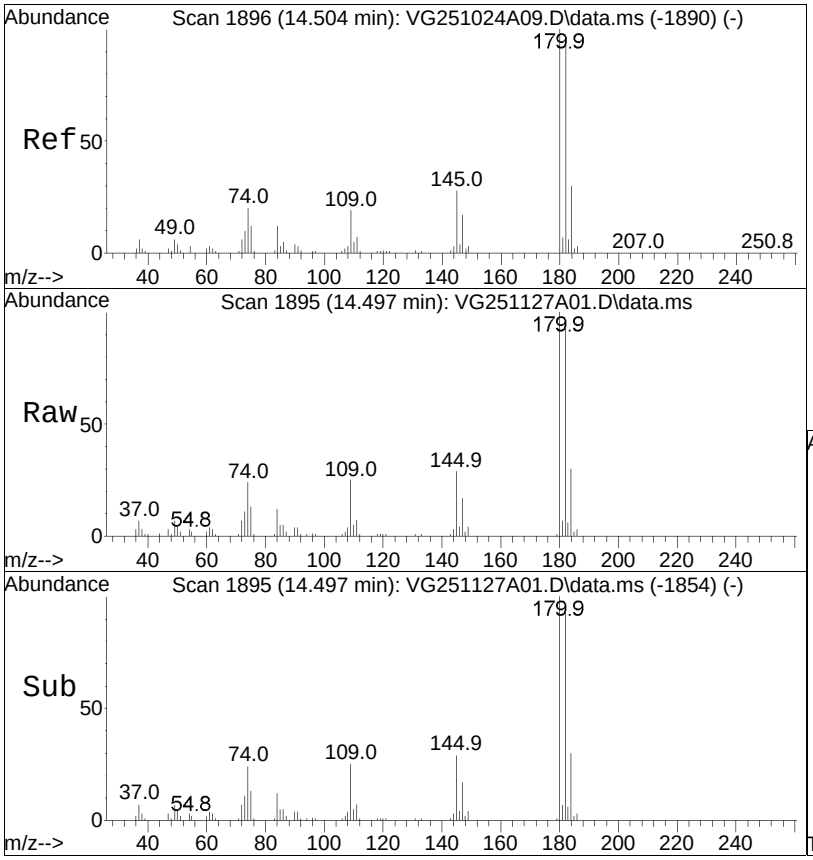




#110
Naphthalene
Concen: 9.22 ug/L
RT: 14.334 min Scan# 1872
Delta R.T. 0.000 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:128 Resp: 134203

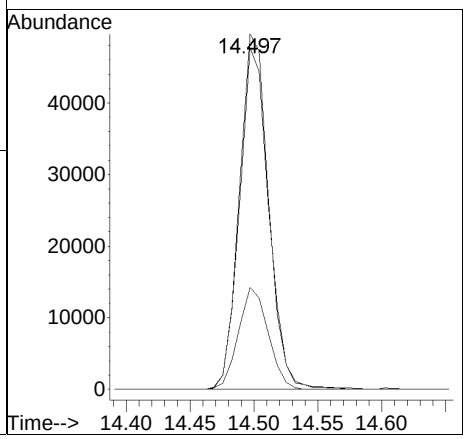




#111
1,2,3-Trichlorobenzene
Concen: 9.98 ug/L
RT: 14.497 min Scan# 1895
Delta R.T. -0.007 min
Lab File: VG251127A01.D
Acq: 27 Nov 2025 4:10 am

Tgt Ion:180 Resp: 78850

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.3	114.5
145	29.2	23.8	35.8

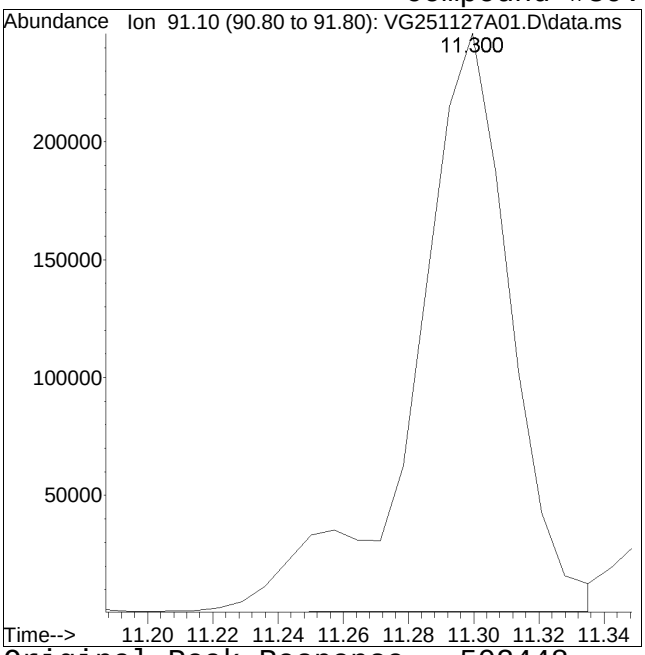


Manual Integration Report

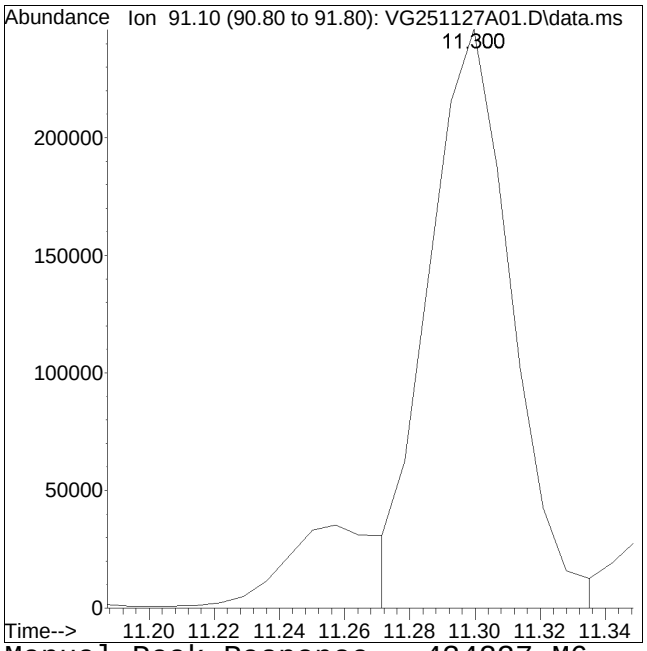
Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A01.D
Date Inj'd : 11/27/2025 4:10 am
Sample : WG2147438-3,31,10,10

QMethod : G_251024A_8260.m
Operator : GONZO:PID
Instrument : Gonzo
Quant Date : 11/27/2025 5:07 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 502448



Manual Peak Response = 434237 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A01.D
Acq On : 28 Nov 2025 08:16 am
Operator : VOA123:AJK
Sample : WG2148010-3,31h,15,15,0.1
Misc : WG2148010,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 28 08:39:52 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251128A\V23251128A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.518	96	207853	20.000	ug/L	0.00
Standard Area 1 = 207853			Recovery = 100.00%			
59) Chlorobenzene-d5	8.990	117	151031	20.000	ug/L	0.00
Standard Area 1 = 151031			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	11.803	152	87472	20.000	ug/L	0.00
Standard Area 1 = 87472			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.734	113	51525	19.680	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.40%			
43) 1,2-Dichloroethane-d4	5.239	65	49102	18.323	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.62%			
60) Toluene-d8	7.174	98	194112	19.005	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.02%			
83) 4-Bromofluorobenzene	10.535	95	94709	24.218	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 121.09%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	128579M1	56.163	ug/L	
3) Chloromethane	1.664	50	125397	50.359	ug/L	99
4) Vinyl chloride	1.692	62	148857M1	55.075	ug/L	
5) Bromomethane	1.962	94	118137	68.335	ug/L	100
6) Chloroethane	2.071	64	98945	52.820	ug/L	97
7) Trichlorofluoromethane	2.194	101	229037M1	56.023	ug/L	
8) Ethyl ether	2.453	74	60676	44.384	ug/L	90
10) 1,1-Dichloroethene	2.626	96	105470	48.762	ug/L	93
11) Carbon disulfide	2.657	76	357934	44.918	ug/L	97
15) Methylene chloride	3.131	84	118811	42.314	ug/L	92
17) Acetone	3.170	43	35116	53.563	ug/L	90
18) trans-1,2-Dichloroethene	3.276	96	118641	46.920	ug/L	96
20) Methyl tert-butyl ether	3.362	73	302024	41.886	ug/L	94
23) 1,1-Dichloroethane	3.817	63	212918	45.790	ug/L	99
25) Acrylonitrile	3.858	53	22693	40.491	ug/L #	87
27) Vinyl acetate	4.043	43	228784	42.544	ug/L	95
28) cis-1,2-Dichloroethene	4.310	96	128982	44.507	ug/L	96
29) 2,2-Dichloropropane	4.408	77	182733	47.748	ug/L	92
30) Bromochloromethane	4.492	128	56869	43.940	ug/L	97
32) Chloroform	4.564	83	217503	38.245	ug/L	97

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A01.D
Acq On : 28 Nov 2025 08:16 am
Operator : VOA123:AJK
Sample : WG2148010-3,31h,15,15,0.1
Misc : WG2148010,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 28 08:39:52 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251128A\V23251128A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	4.692	117	173426	47.069	ug/L		99
37) 1,1,1-Trichloroethane	4.756	97	194264	49.406	ug/L		98
39) 2-Butanone	4.848	43	31148	39.459	ug/L	#	67
40) 1,1-Dichloropropene	4.874	75	158498	51.775	ug/L		100
41) Benzene	5.111	78	448452	46.282	ug/L		97
44) 1,2-Dichloroethane	5.306	62	150180	42.491	ug/L		99
48) Trichloroethene	5.693	95	126172	47.439	ug/L		99
50) Dibromomethane	6.115	93	66290	41.947	ug/L		98
51) 1,2-Dichloropropane	6.212	63	115996	43.488	ug/L		99
54) Bromodichloromethane	6.290	83	163228	43.586	ug/L		100
57) 1,4-Dioxane	6.513	88	32600M1	2107.674	ug/L		
58) cis-1,3-Dichloropropene	6.971	75	180923	43.912	ug/L	#	91
61) Toluene	7.230	92	288227	44.892	ug/L		100
62) 4-Methyl-2-pentanone	7.665	58	28107	41.118	ug/L		87
63) Tetrachloroethene	7.673	166	138352	50.095	ug/L		99
65) trans-1,3-Dichloropropene	7.707	75	154258	42.655	ug/L		99
68) 1,1,2-Trichloroethane	7.888	83	76011	41.220	ug/L		99
69) Chlorodibromomethane	8.094	129	117543	44.372	ug/L		97
70) 1,3-Dichloropropane	8.203	76	153059	42.039	ug/L		99
71) 1,2-Dibromoethane	8.362	107	88788	43.377	ug/L		99
72) 2-Hexanone	8.666	43	43933	35.805	ug/L		93
73) Chlorobenzene	9.012	112	326917	44.556	ug/L	#	87
74) Ethylbenzene	9.054	91	564019	44.378	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.093	131	122205	45.583	ug/L		99
76) p/m Xylene	9.241	106	439441	92.474	ug/L		100
77) o Xylene	9.782	106	427134	89.062	ug/L		100
78) Styrene	9.854	104	636399	78.751	ug/L		99
80) Bromoform	9.871	173	74909	39.453	ug/L		100
82) Isopropylbenzene	10.197	105	574462	43.811	ug/L		100
84) Bromobenzene	10.649	156	144391	40.849	ug/L		99
85) n-Propylbenzene	10.707	91	689655	44.182	ug/L		100
87) 1,1,2,2-Tetrachloroethane	10.802	83	113260	39.251	ug/L		100
88) 4-Ethyltoluene	10.841	105	578315	44.521	ug/L		99
89) 2-Chlorotoluene	10.878	91	415294M6	42.608	ug/L		
90) 1,3,5-Trimethylbenzene	10.950	105	498545	43.267	ug/L		99
91) 1,2,3-Trichloropropane	10.942	75	87066	38.167	ug/L		97
92) trans-1,4-Dichloro-2-b...	11.003	53	28501	35.354	ug/L		86
93) 4-Chlorotoluene	11.070	91	419601	42.360	ug/L		99
94) tert-Butylbenzene	11.301	119	423995	43.948	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A01.D
Acq On : 28 Nov 2025 08:16 am
Operator : VOA123:AJK
Sample : WG2148010-3,31h,15,15,0.1
Misc : WG2148010,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 28 08:39:52 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251128A\V23251128A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	11.385	105	494673	43.193	ug/L	100
98)	sec-Butylbenzene	11.499	105	649356	44.993	ug/L	100
99)	p-Isopropyltoluene	11.661	119	563095	45.049	ug/L	99
100)	1,3-Dichlorobenzene	11.720	146	291427	43.609	ug/L	99
101)	1,4-Dichlorobenzene	11.817	146	293773	42.906	ug/L	98
102)	p-Diethylbenzene	12.046	119	340855	46.057	ug/L	99
103)	n-Butylbenzene	12.107	91	539306	48.097	ug/L	98
104)	1,2-Dichlorobenzene	12.250	146	269506	43.023	ug/L	99
105)	1,2,4,5-Tetramethylben...	12.860	119	531869	44.137	ug/L	99
106)	1,2-Dibromo-3-chloropr...	13.047	155	16482	37.333	ug/L	99
108)	Hexachlorobutadiene	13.672	225	118321	46.170	ug/L	99
109)	1,2,4-Trichlorobenzene	13.689	180	206590	45.763	ug/L	99
110)	Naphthalene	13.979	128	351965	40.682	ug/L	100
111)	1,2,3-Trichlorobenzene	14.149	180	174486	45.140	ug/L	99

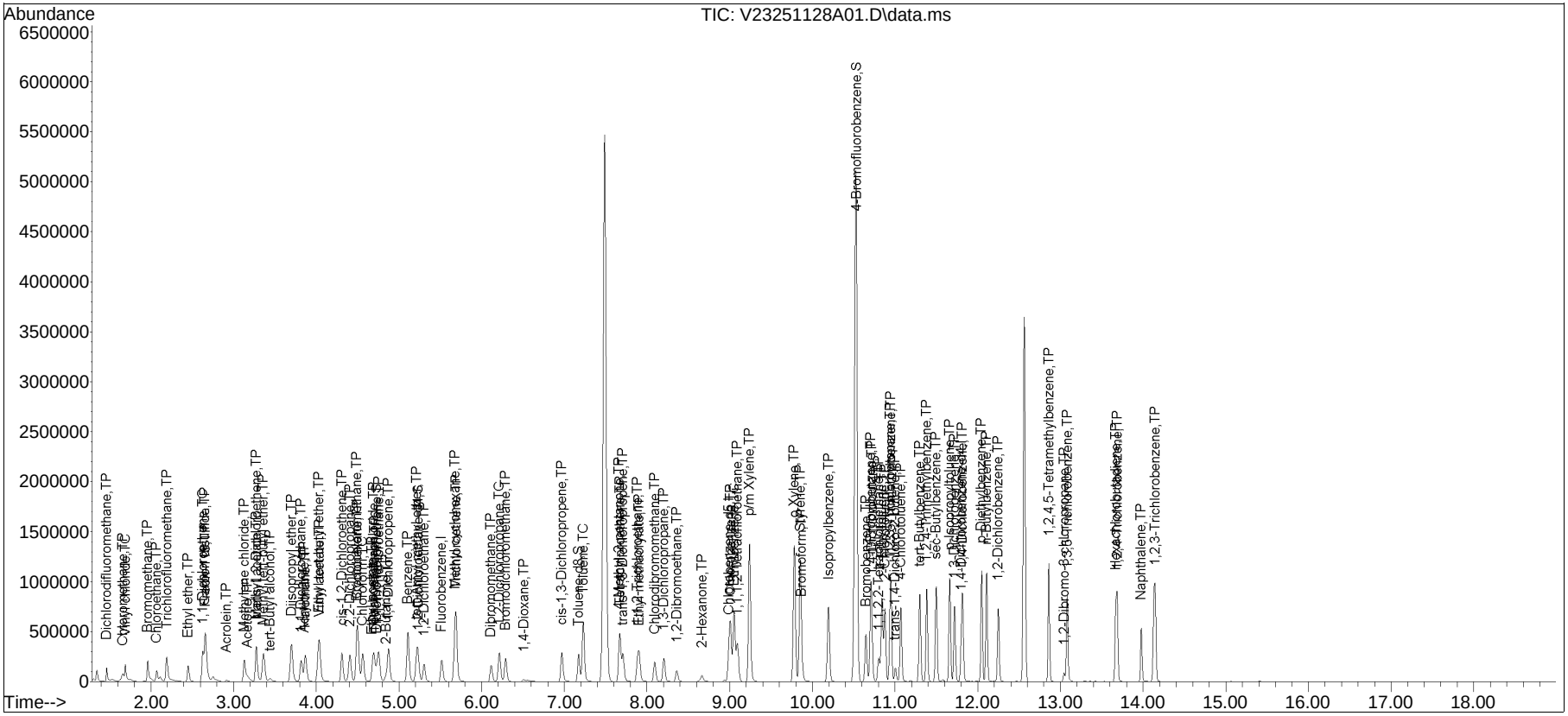
(#) = qualifier out of range (m) = manual integration (+) = signals summed

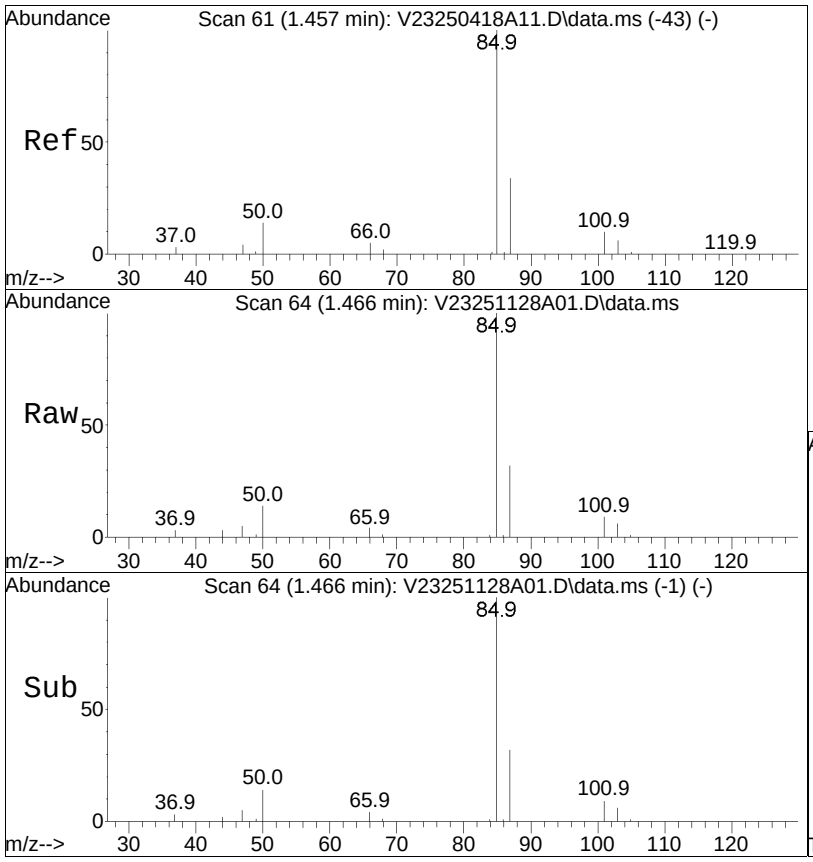
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A01.D
Acq On : 28 Nov 2025 08:16 am
Operator : VOA123:AJK
Sample : WG2148010-3,31h,15,15,0.1
Misc : WG2148010,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 28 08:39:52 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

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

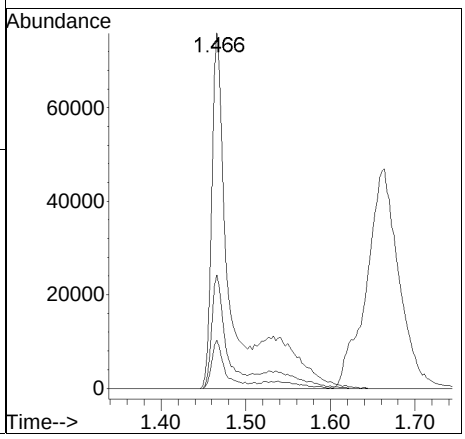


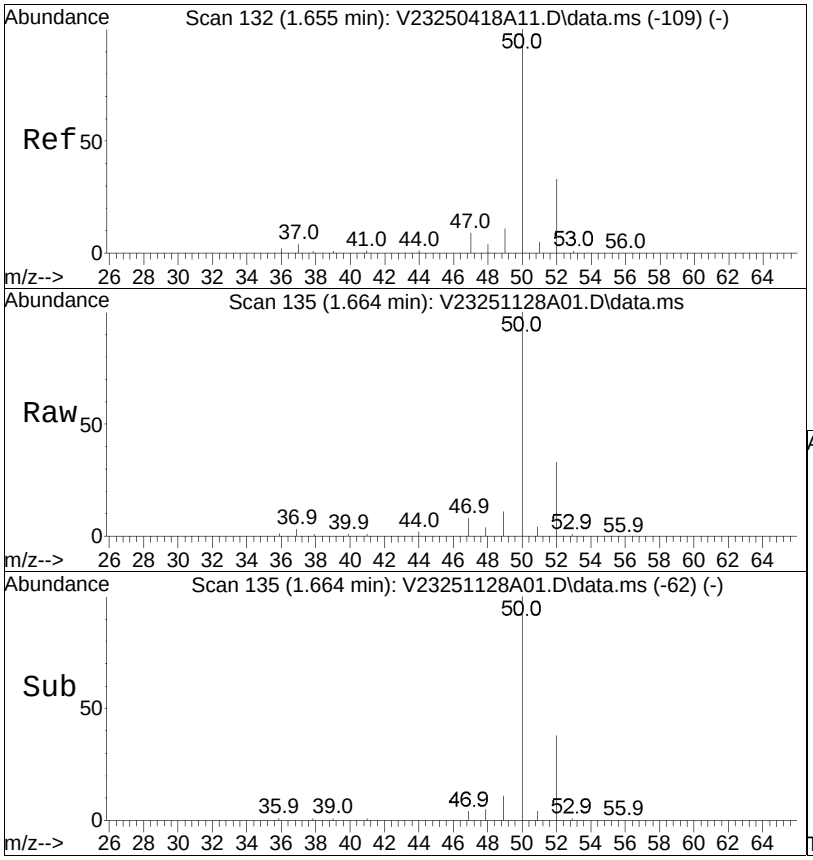


#2
Dichlorodifluoromethane
Concen: 56.16 ug/L M1
RT: 1.466 min Scan# 64
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 85 Resp: 128579

Ion	Ratio	Lower	Upper
85	100		
87	21.5	21.1	43.7
50	8.7	7.3	15.3

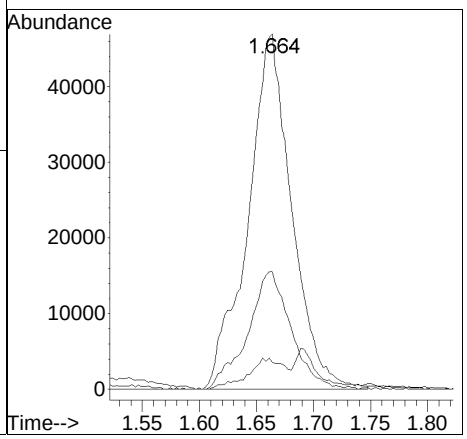


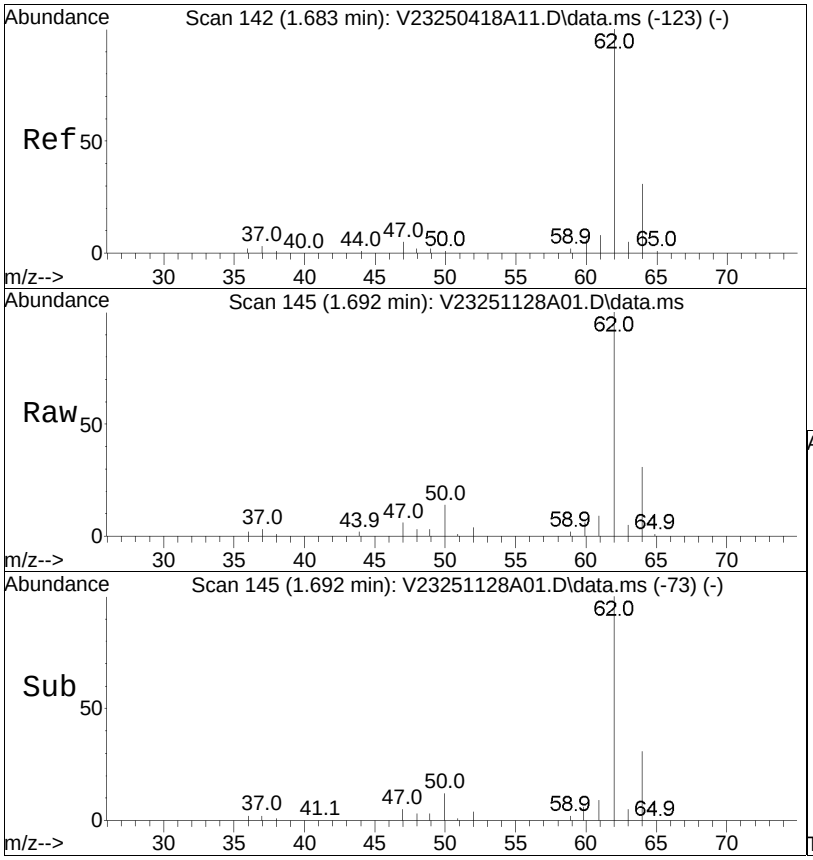


#3
Chloromethane
Concen: 50.36 ug/L
RT: 1.664 min Scan# 135
Delta R.T. 0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 50 Resp: 125397

Ion	Ratio	Lower	Upper
50	100		
52	32.8	12.7	52.7
47	7.5	0.0	28.1

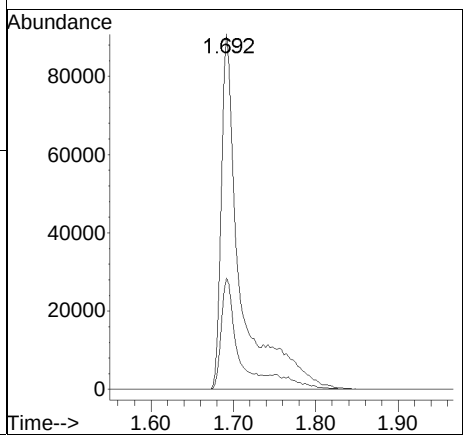


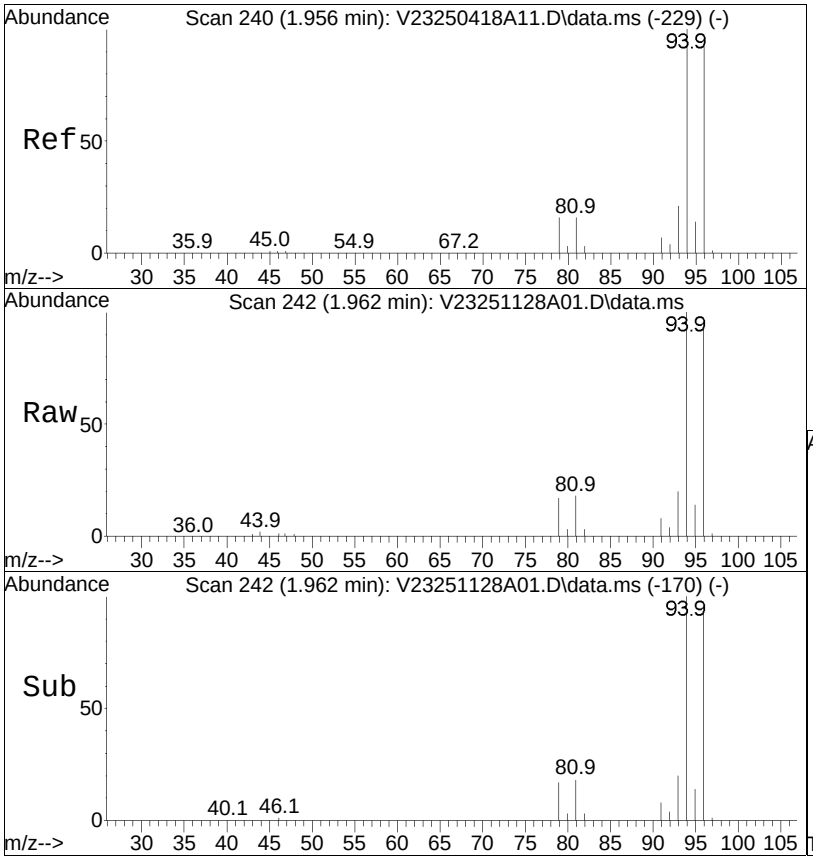


#4
Vinyl chloride
Concen: 55.07 ug/L M1
RT: 1.692 min Scan# 145
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 62 Resp: 148857

Ion	Ratio	Lower	Upper
62	100		
64	25.5	12.0	52.0

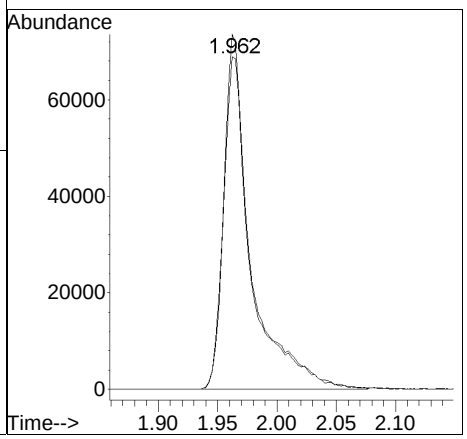


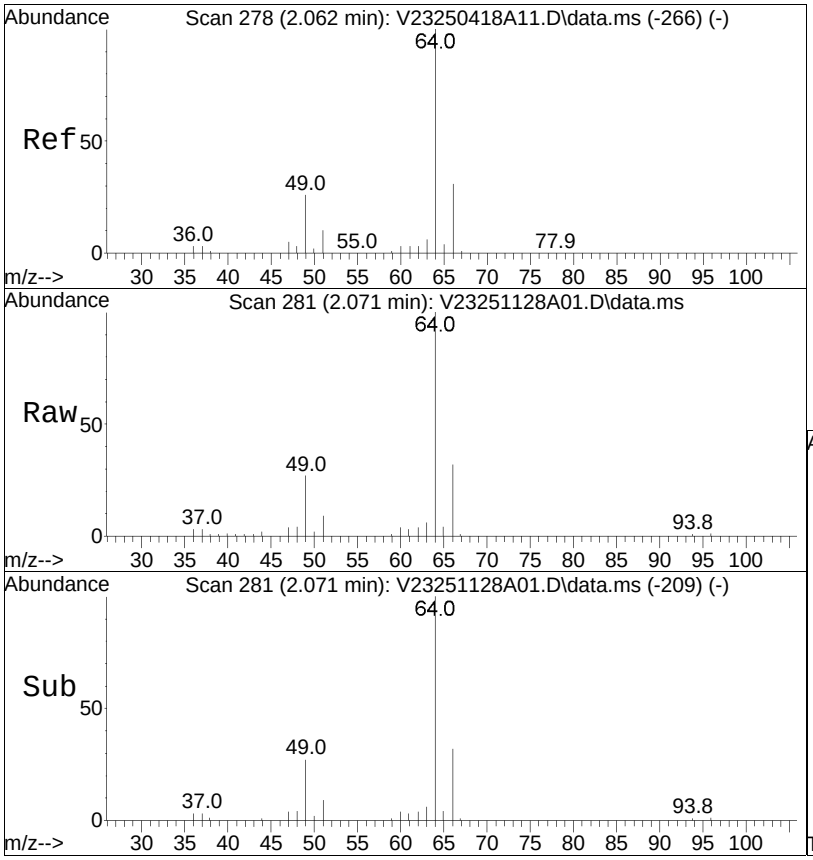


#5
Bromomethane
Concen: 68.33 ug/L
RT: 1.962 min Scan# 242
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 94 Resp: 118137

Ion	Ratio	Lower	Upper
94	100		
96	94.9	74.6	114.6

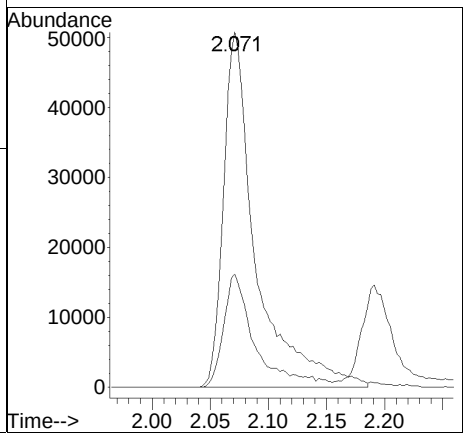


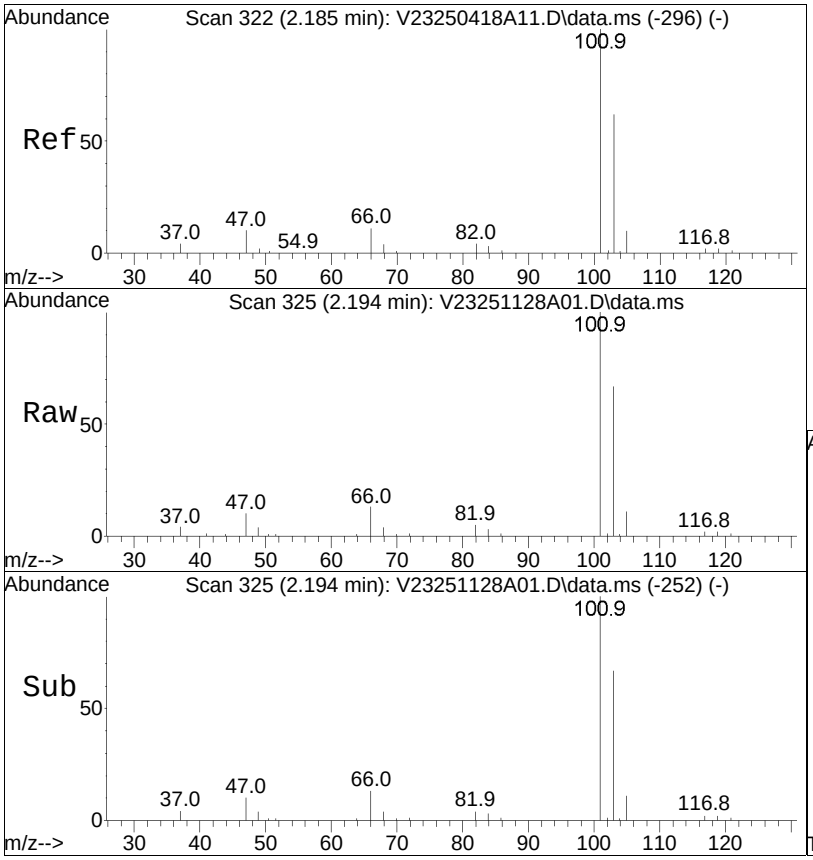


#6
Chloroethane
Concen: 52.82 ug/L
RT: 2.071 min Scan# 281
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 64 Resp: 98945

Ion	Ratio	Lower	Upper
64	100		
66	31.1	12.6	52.6

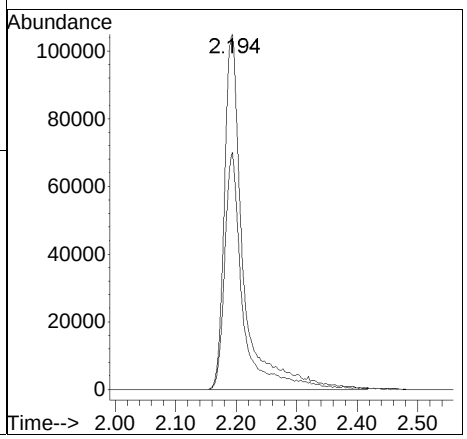


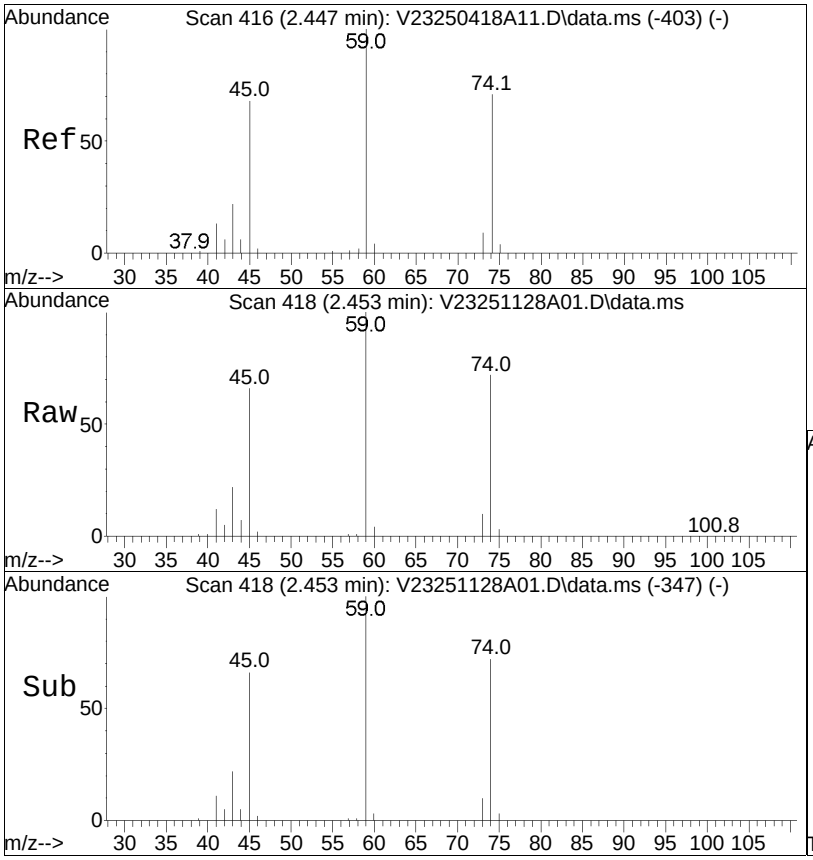


#7
Trichlorofluoromethane
Concen: 56.02 ug/L M1
RT: 2.194 min Scan# 325
Delta R.T. 0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:101 Resp: 229037

Ion	Ratio	Lower	Upper
101	100		
103	57.4	51.4	77.2

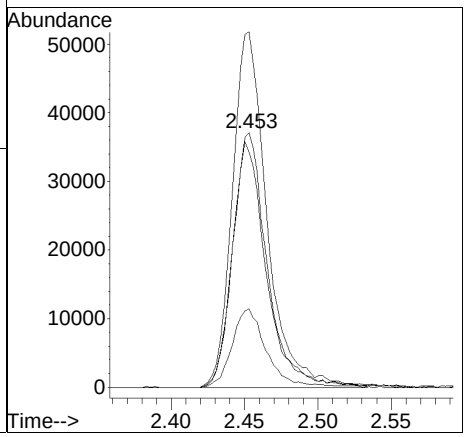


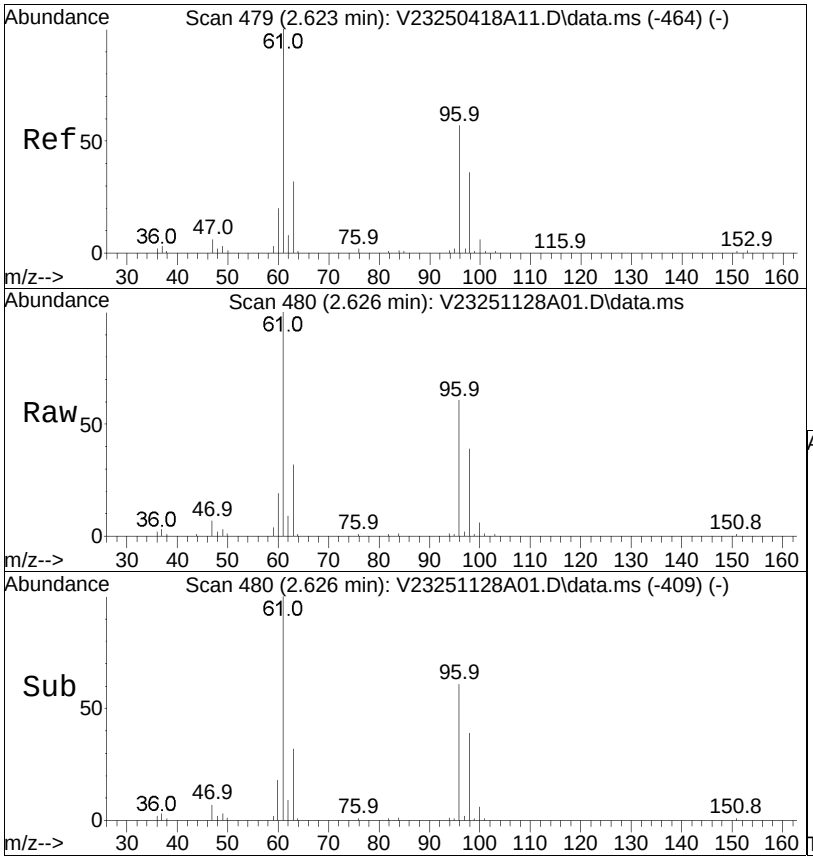


#8
Ethyl ether
Concen: 44.38 ug/L
RT: 2.453 min Scan# 418
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 74 Resp: 60676

Ion	Ratio	Lower	Upper
74	100		
59	141.3	84.3	175.1
45	95.0	55.4	115.2
43	30.7	15.9	32.9

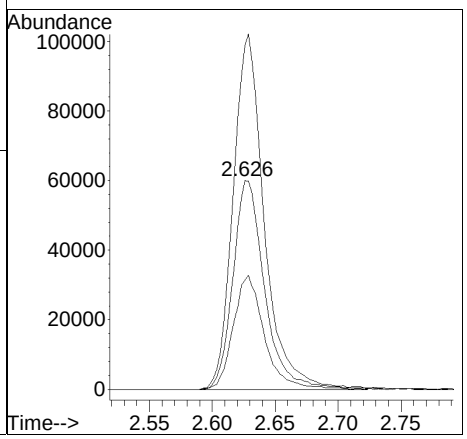


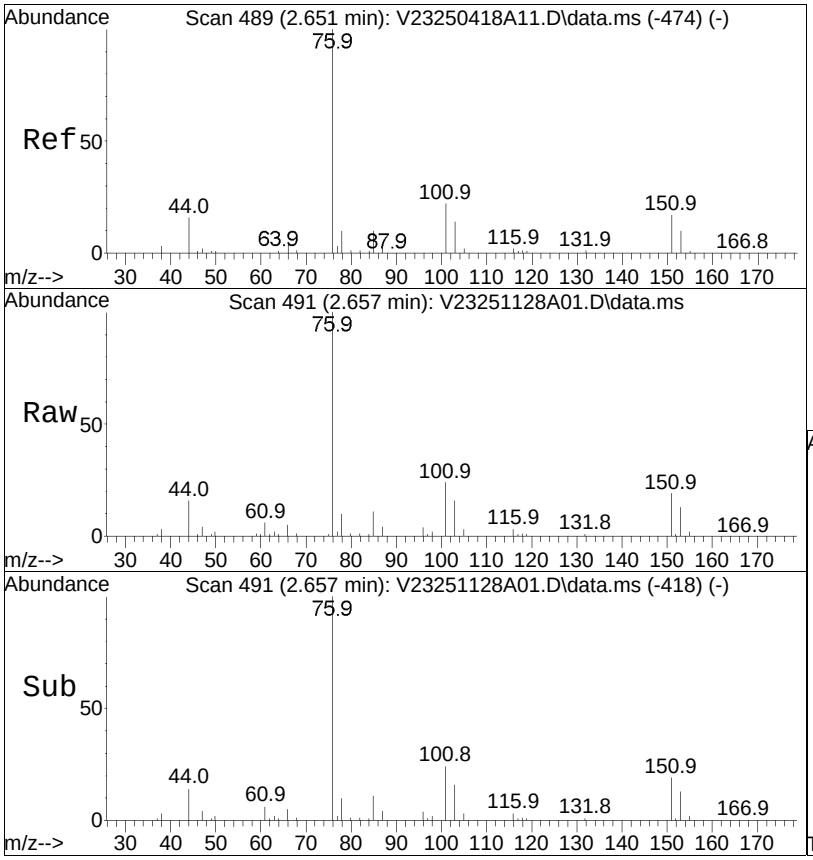


#10
1,1-Dichloroethene
Concen: 48.76 ug/L
RT: 2.626 min Scan# 480
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 96 Resp: 105470

Ion	Ratio	Lower	Upper
96	100		
61	166.1	124.5	186.7
63	53.1	40.7	61.1

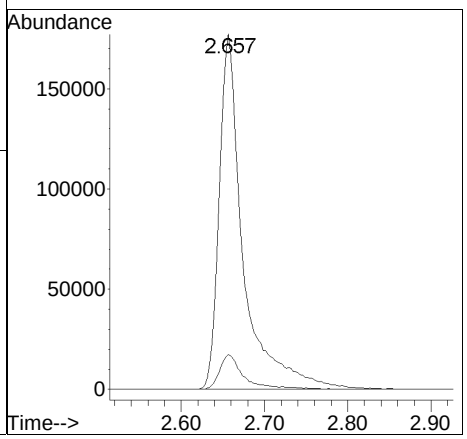


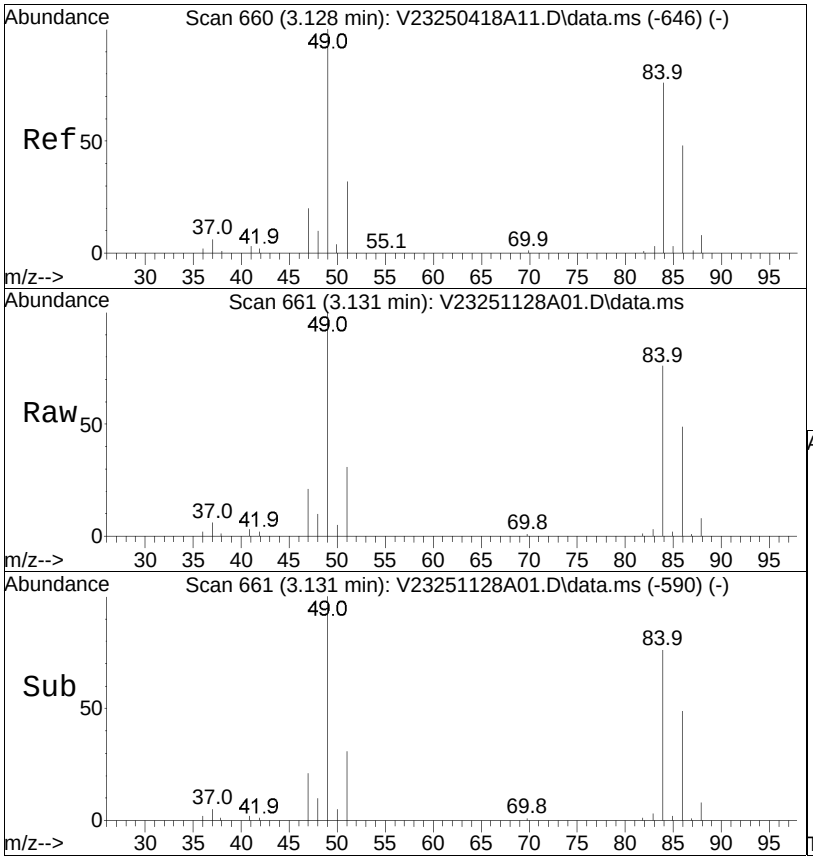


#11
Carbon disulfide
Concen: 44.92 ug/L
RT: 2.657 min Scan# 491
Delta R.T. 0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 76 Resp: 357934

Ion	Ratio	Lower	Upper
76	100		
78	9.3	6.7	13.9

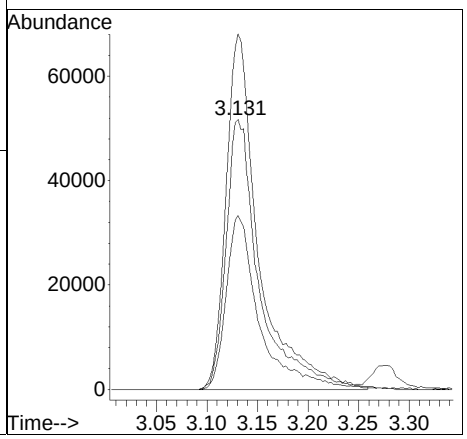


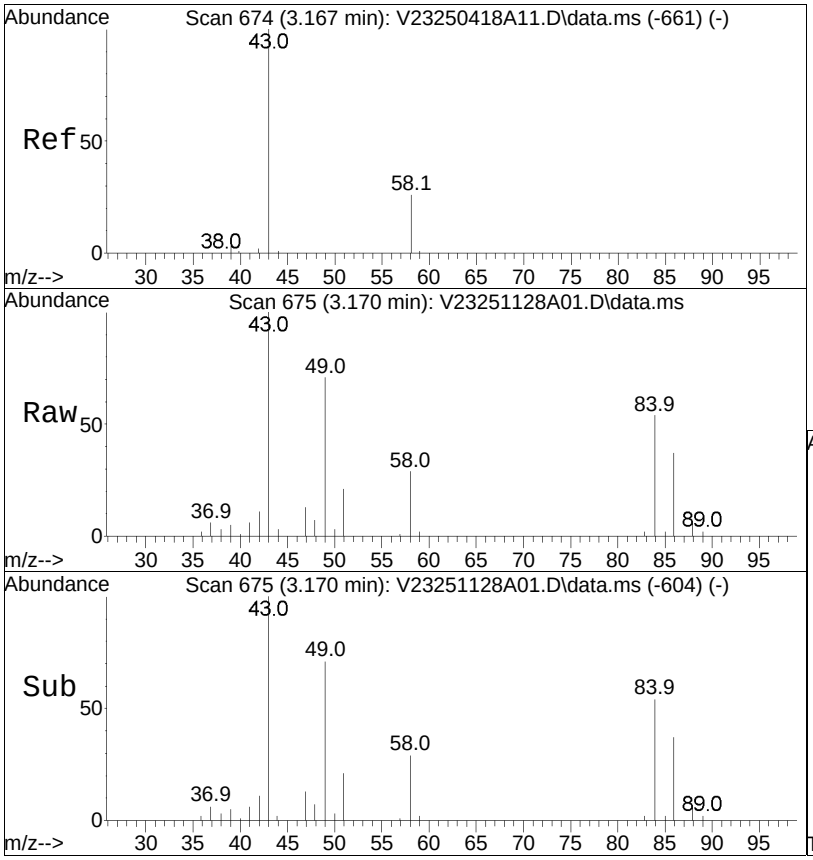


#15
Methylene chloride
Concen: 42.31 ug/L
RT: 3.131 min Scan# 661
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 84 Resp: 118811

Ion	Ratio	Lower	Upper
84	100		
86	64.4	42.0	87.2
49	127.8	74.0	153.6

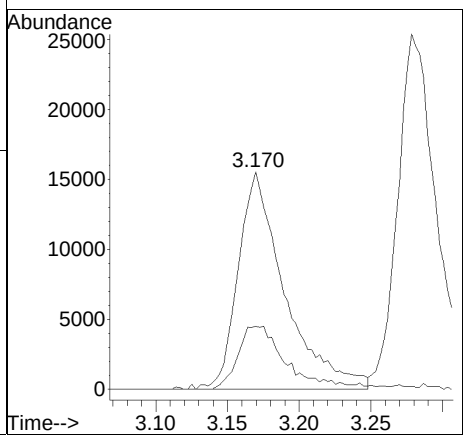


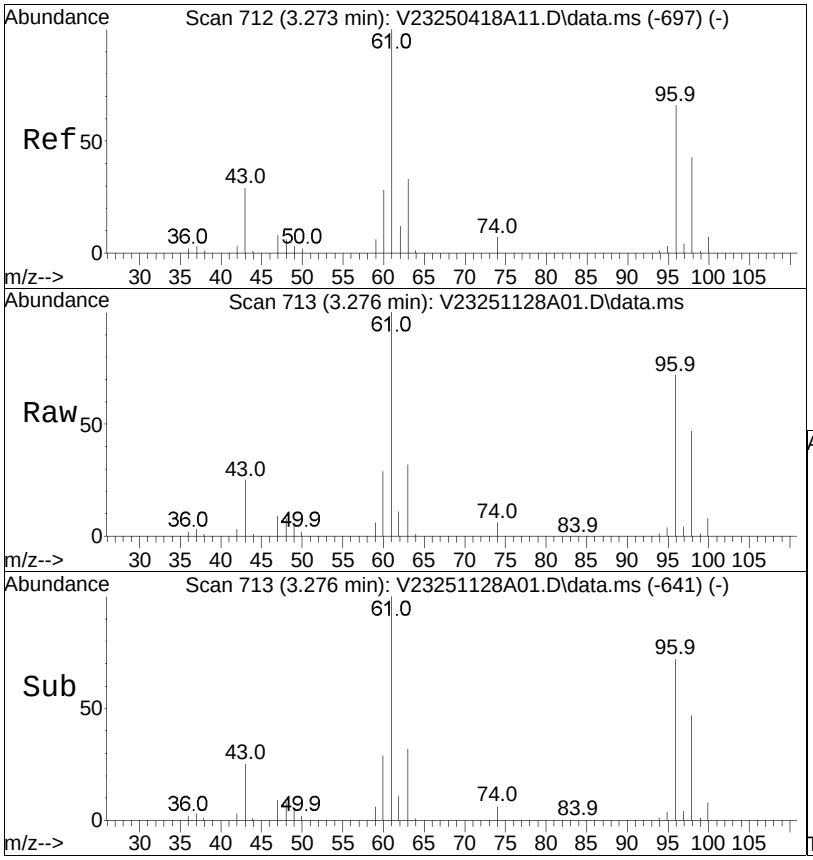


#17
Acetone
Concen: 53.56 ug/L
RT: 3.170 min Scan# 675
Delta R.T. -0.002 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 43 Resp: 35116

Ion	Ratio	Lower	Upper
43	100		
58	29.6	28.2	42.4

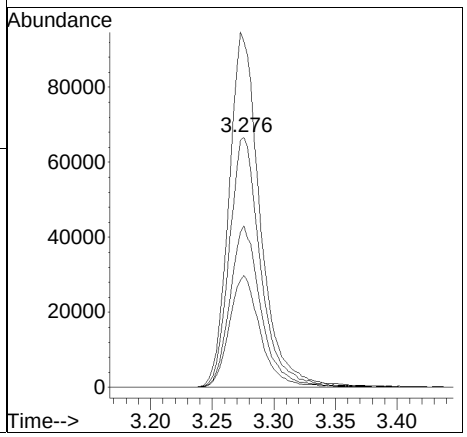


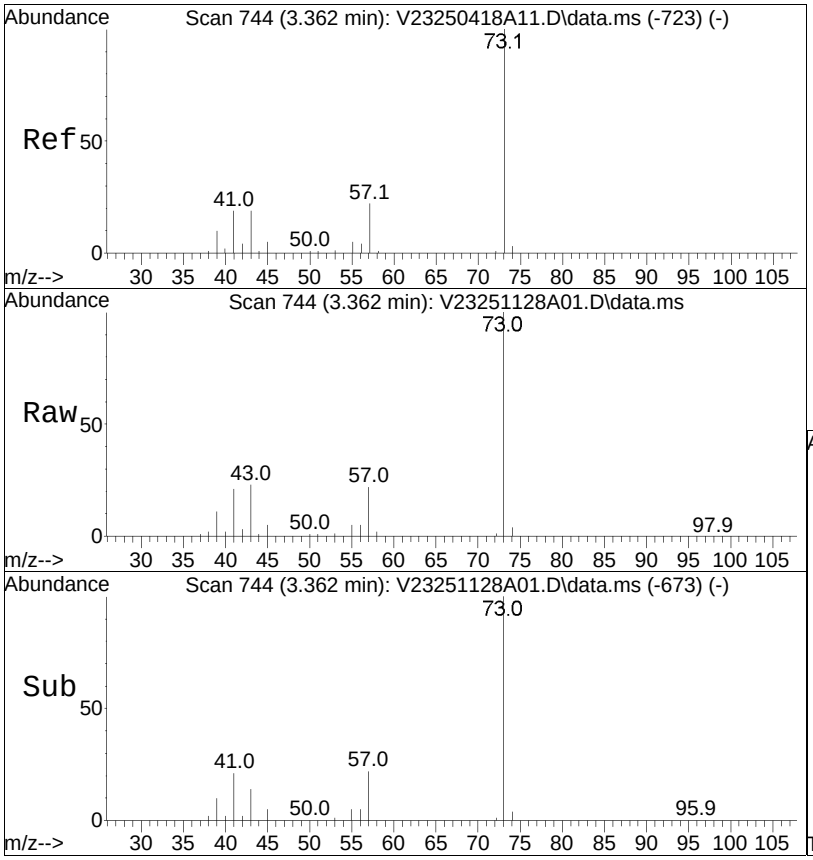


#18
trans-1,2-Dichloroethene
Concen: 46.92 ug/L
RT: 3.276 min Scan# 713
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 96 Resp: 118641

Ion	Ratio	Lower	Upper
96	100		
61	141.7	87.3	181.3
98	63.6	41.1	85.5
63	44.5	28.3	58.7

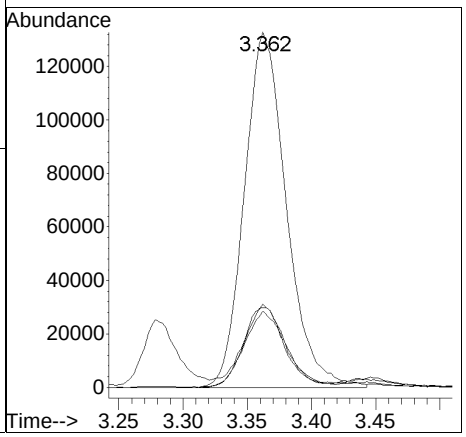


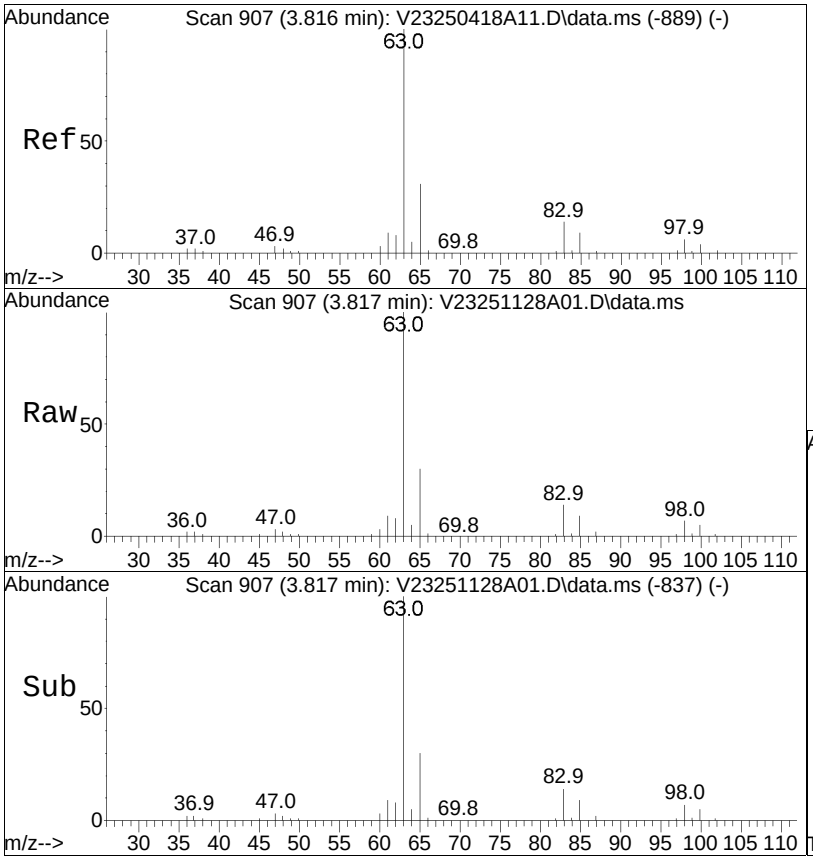


#20
Methyl tert-butyl ether
Concen: 41.89 ug/L
RT: 3.362 min Scan# 744
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 73 Resp: 302024

Ion	Ratio	Lower	Upper
73	100		
57	22.5	14.2	29.4
43	22.8	12.4	25.7
41	21.0	11.6	24.0

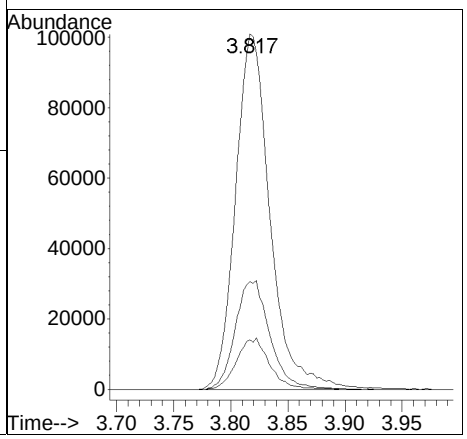


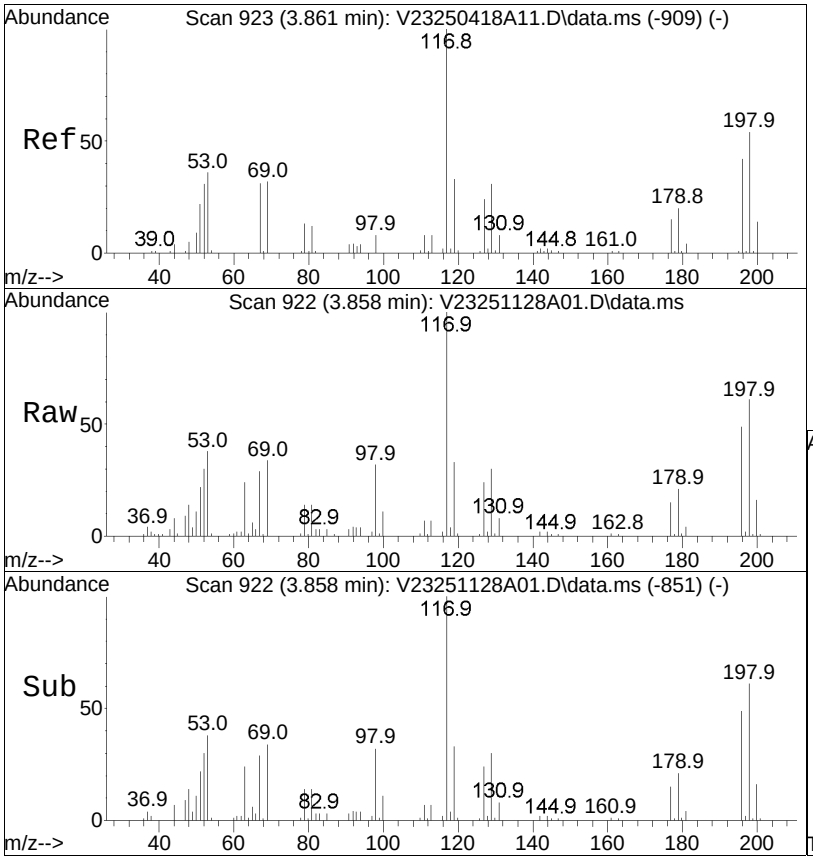


#23
1,1-Dichloroethane
Concen: 45.79 ug/L
RT: 3.817 min Scan# 907
Delta R.T. -0.005 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 63 Resp: 212918

Ion	Ratio	Lower	Upper
63	100		
65	30.6	11.1	51.1
83	13.7	0.0	33.3

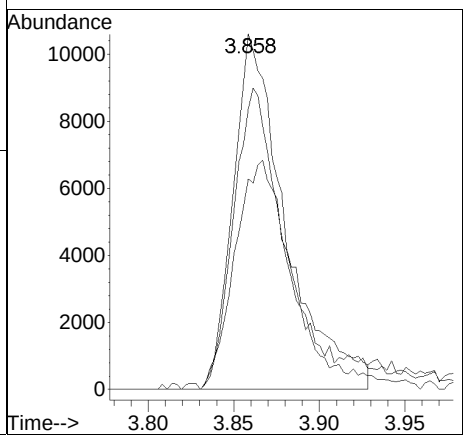


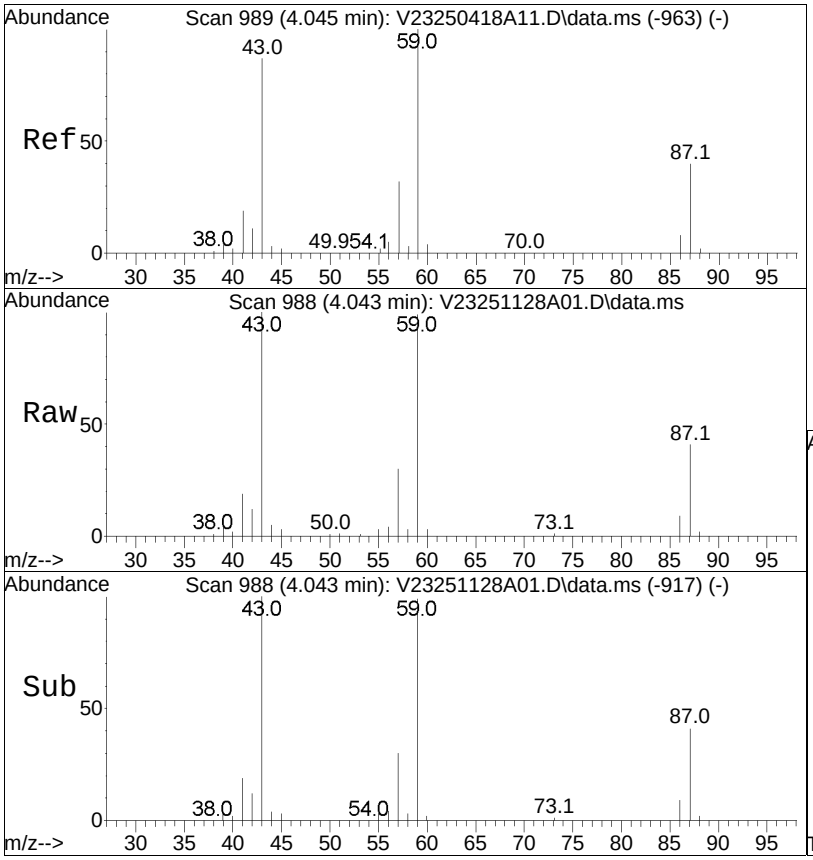


#25
Acrylonitrile
Concen: 40.49 ug/L
RT: 3.858 min Scan# 922
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 53 Resp: 22693

Ion	Ratio	Lower	Upper
53	100		
52	81.6	67.1	100.7
51	69.0	38.5	57.7#

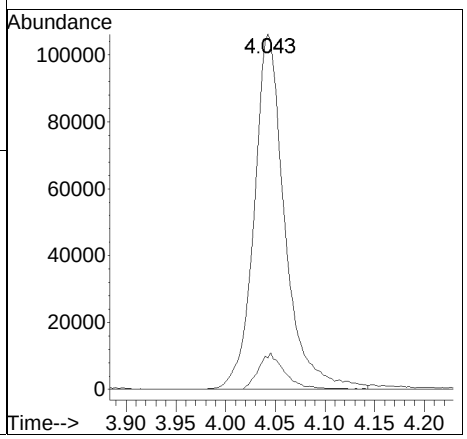


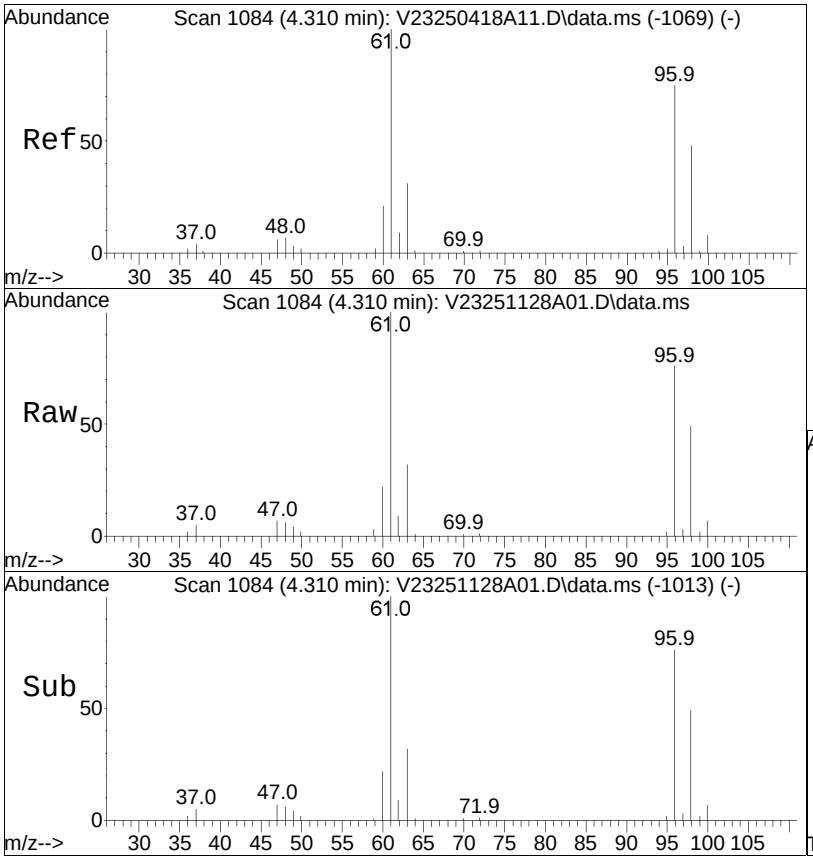


#27
Vinyl acetate
Concen: 42.54 ug/L
RT: 4.043 min Scan# 988
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 43 Resp: 228784

Ion	Ratio	Lower	Upper
43	100		
86	8.8	8.6	12.8

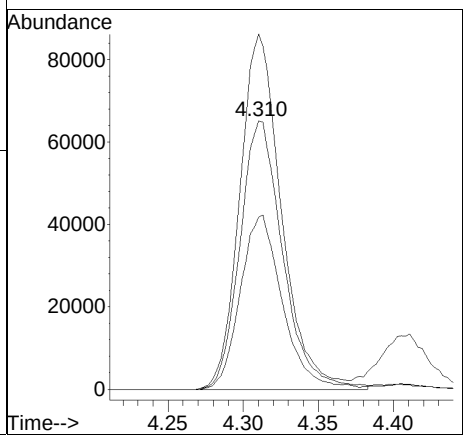


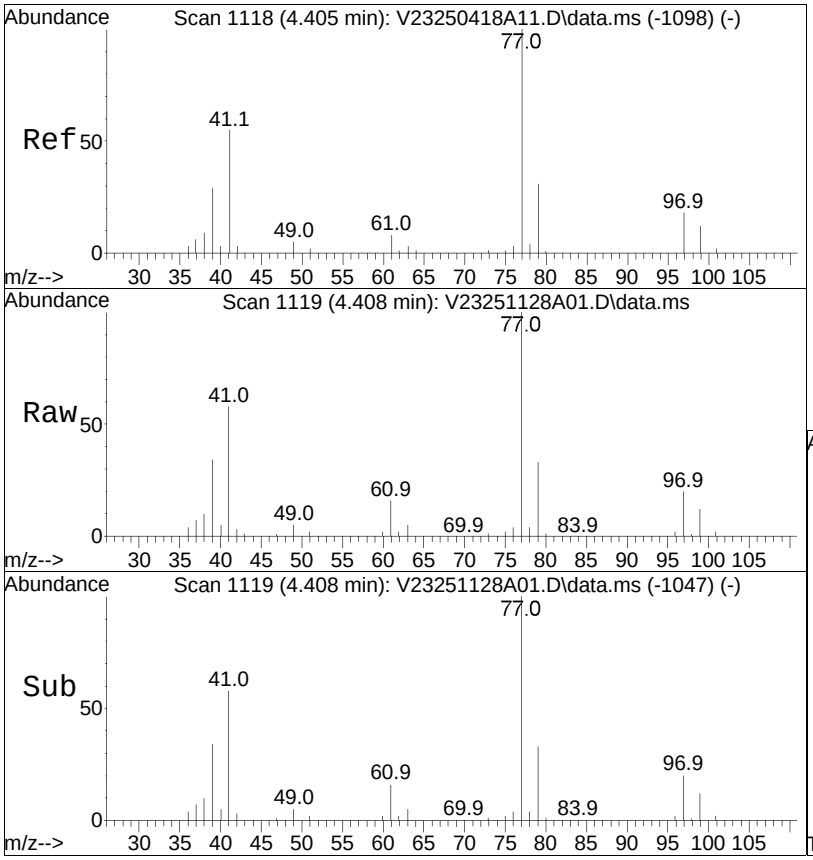


#28
cis-1,2-Dichloroethene
Concen: 44.51 ug/L
RT: 4.310 min Scan# 1084
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 96 Resp: 128982

Ion	Ratio	Lower	Upper
96	100		
61	128.8	98.2	147.2
98	64.0	51.0	76.6

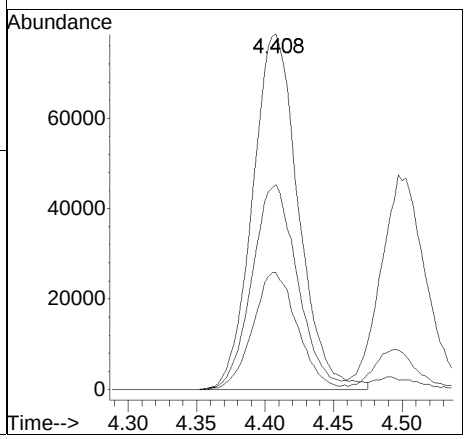


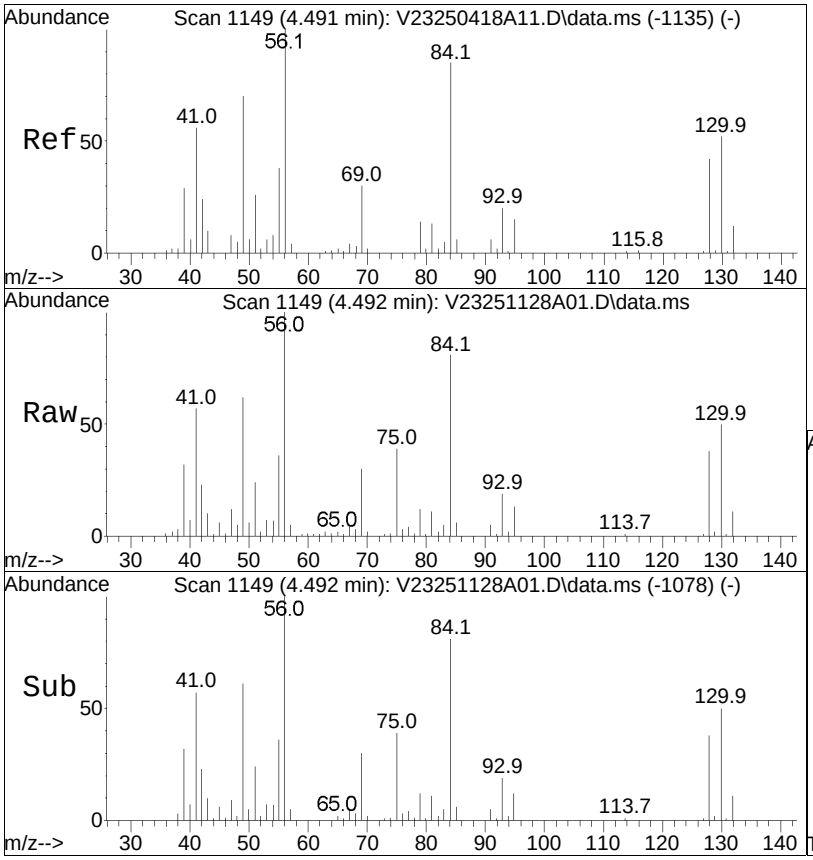


#29
2,2-Dichloropropane
Concen: 47.75 ug/L
RT: 4.408 min Scan# 1119
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 77 Resp: 182733

Ion	Ratio	Lower	Upper
77	100		
41	57.3	31.1	64.7
79	32.0	20.7	43.1

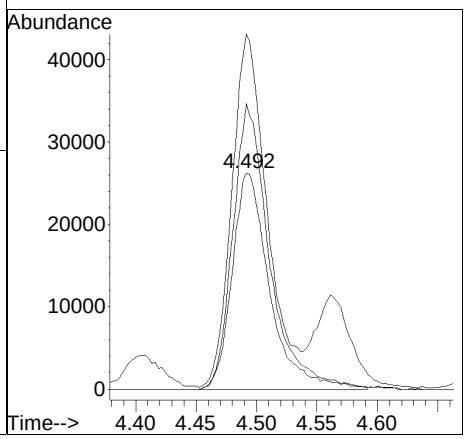


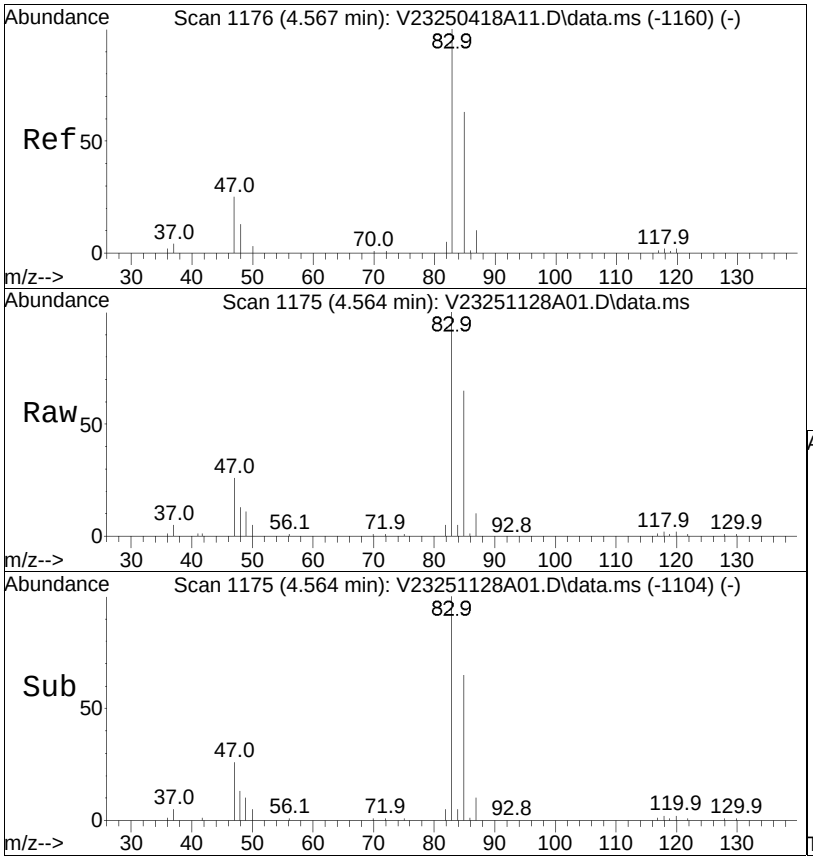


#30
Bromochloromethane
Concen: 43.94 ug/L
RT: 4.492 min Scan# 1149
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:128 Resp: 56869

Ion	Ratio	Lower	Upper
128	100		
49	152.8	117.6	176.4
130	129.3	103.8	155.8

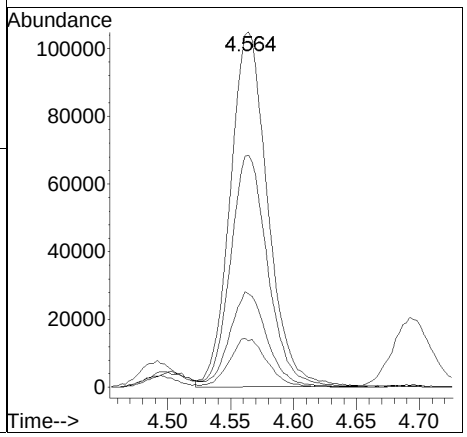


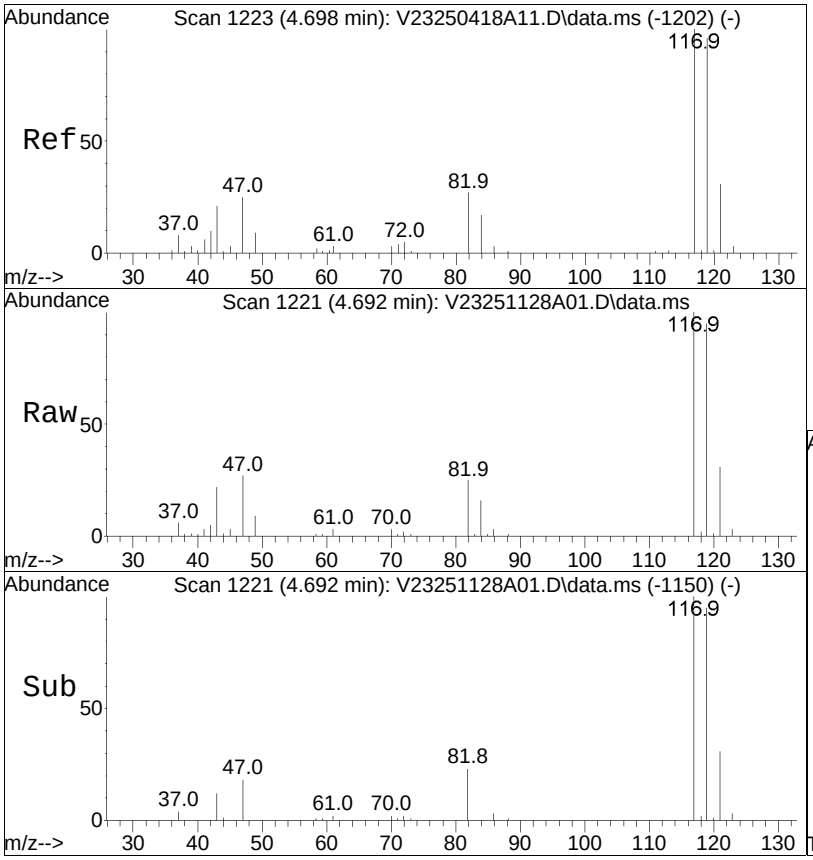


#32
Chloroform
Concen: 38.24 ug/L
RT: 4.564 min Scan# 1175
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 83 Resp: 217503

Ion	Ratio	Lower	Upper
83	100		
85	65.0	42.1	87.3
47	26.2	14.0	29.2
48	14.1	7.2	14.9

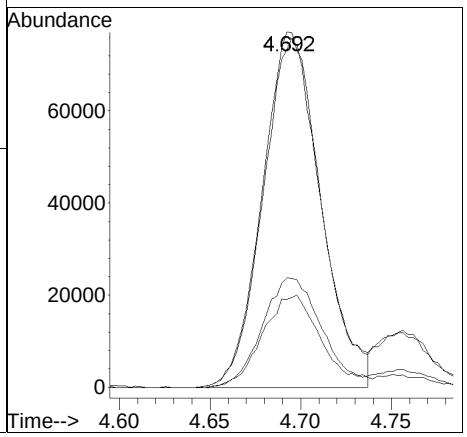


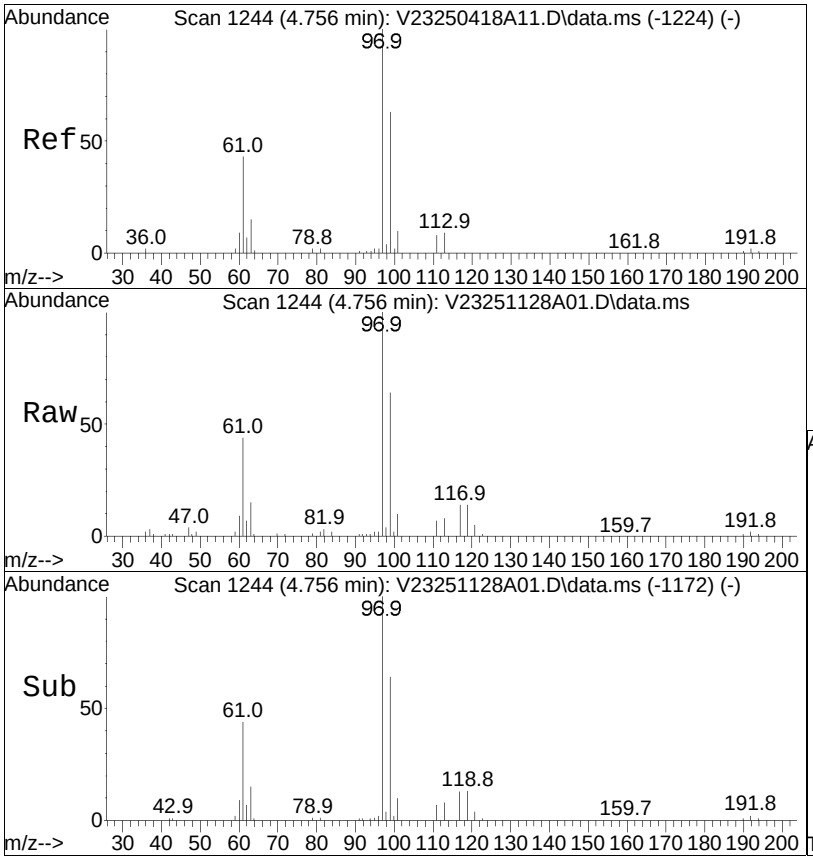


#34
Carbon tetrachloride
Concen: 47.07 ug/L
RT: 4.692 min Scan# 1221
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:117 Resp: 173426

Ion	Ratio	Lower	Upper
117	100		
119	97.2	62.7	130.3
121	31.2	20.3	42.1
82	26.2	16.4	34.2

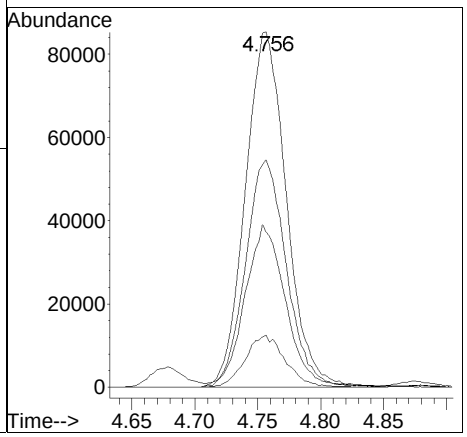


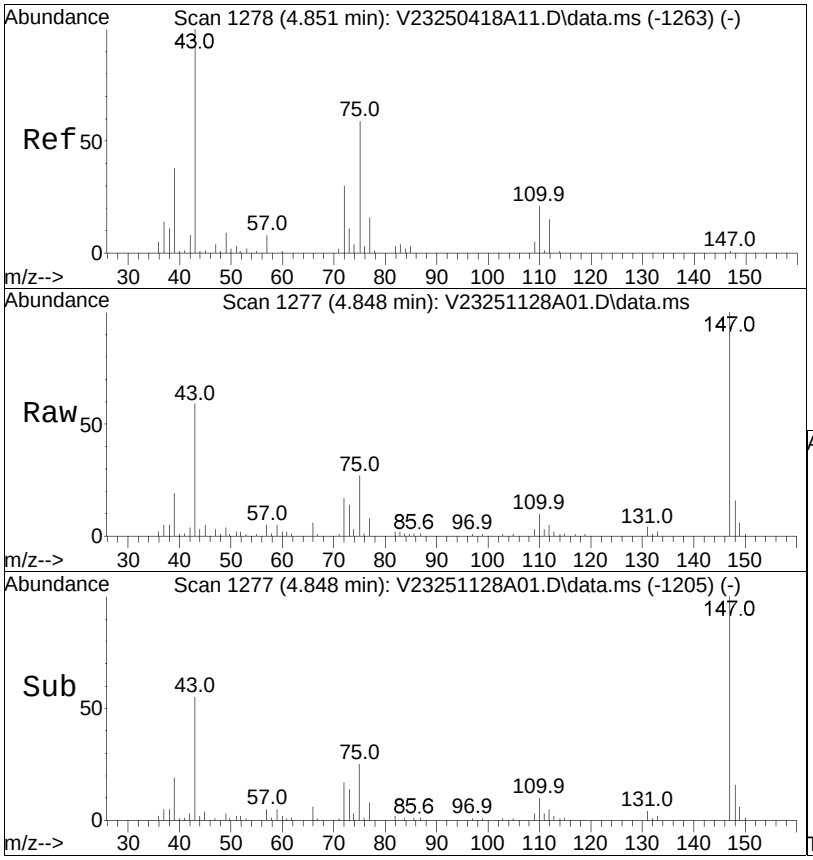


#37
1,1,1-Trichloroethane
Concen: 49.41 ug/L
RT: 4.756 min Scan# 1244
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 97 Resp: 194264

Ion	Ratio	Lower	Upper
97	100		
99	63.8	41.5	86.3
61	45.3	27.4	57.0
63	14.4	9.0	18.6

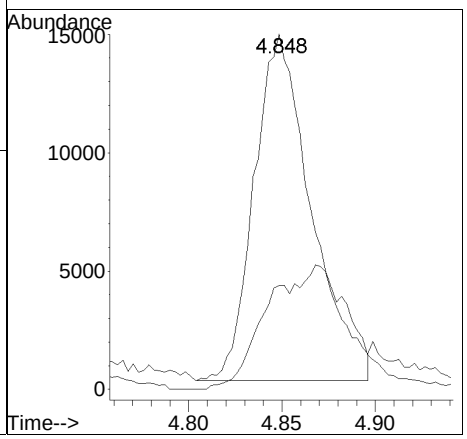


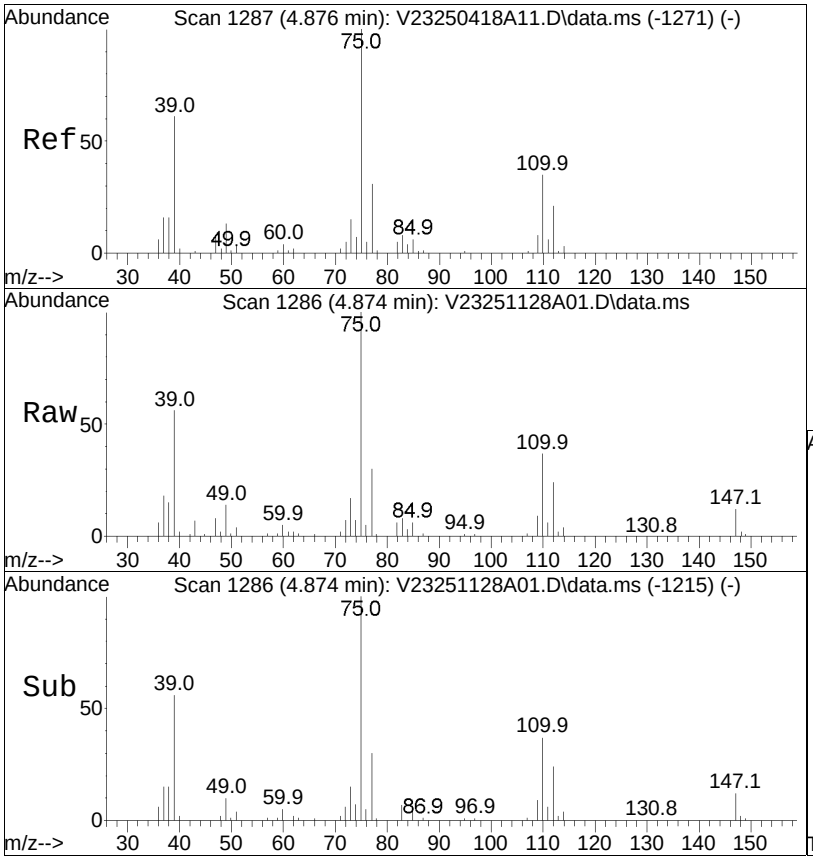


#39
2-Butanone
Concen: 39.46 ug/L
RT: 4.848 min Scan# 1277
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 43 Resp: 31148

Ion	Ratio	Lower	Upper
43	100		
72	18.1	30.4	45.6#

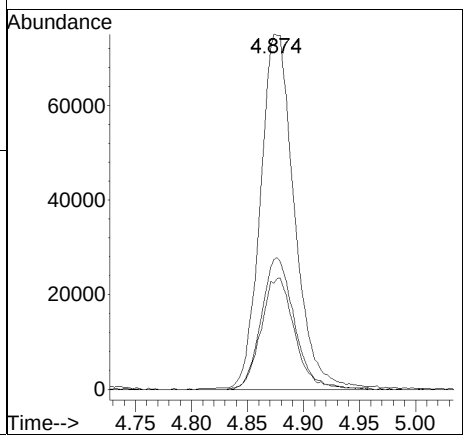


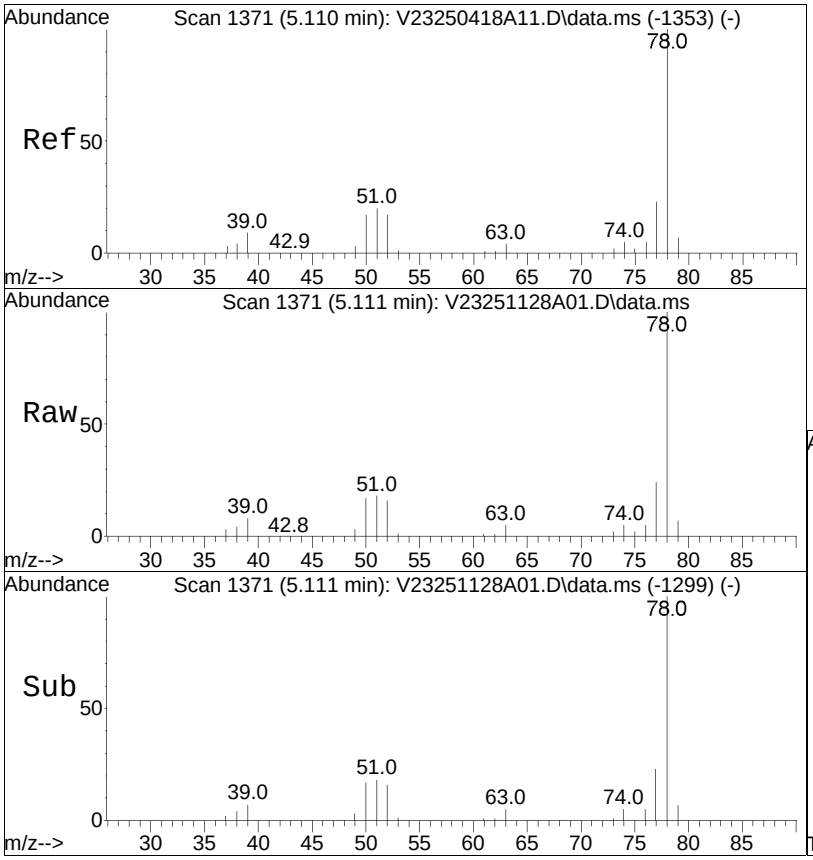


#40
1,1-Dichloropropene
Concen: 51.78 ug/L
RT: 4.874 min Scan# 1286
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 75 Resp: 158498

Ion	Ratio	Lower	Upper
75	100		
110	36.2	23.6	49.0
77	31.1	20.4	42.4

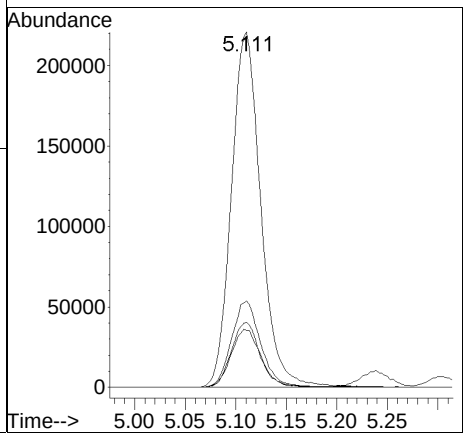


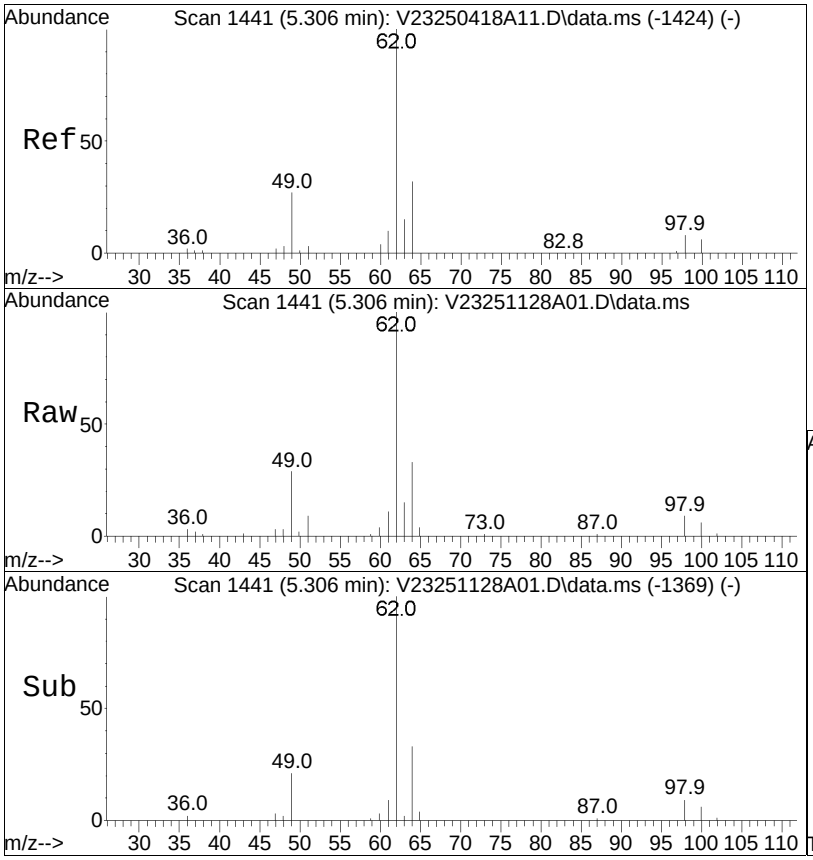


#41
Benzene
Concen: 46.28 ug/L
RT: 5.111 min Scan# 1371
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 78 Resp: 448452

Ion	Ratio	Lower	Upper
78	100		
77	24.2	15.7	32.5
51	18.2	9.9	20.5
52	16.4	9.5	19.7

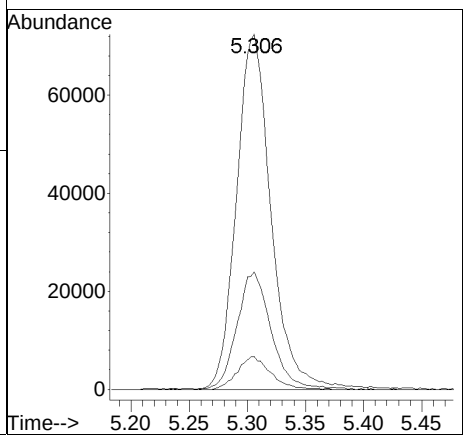


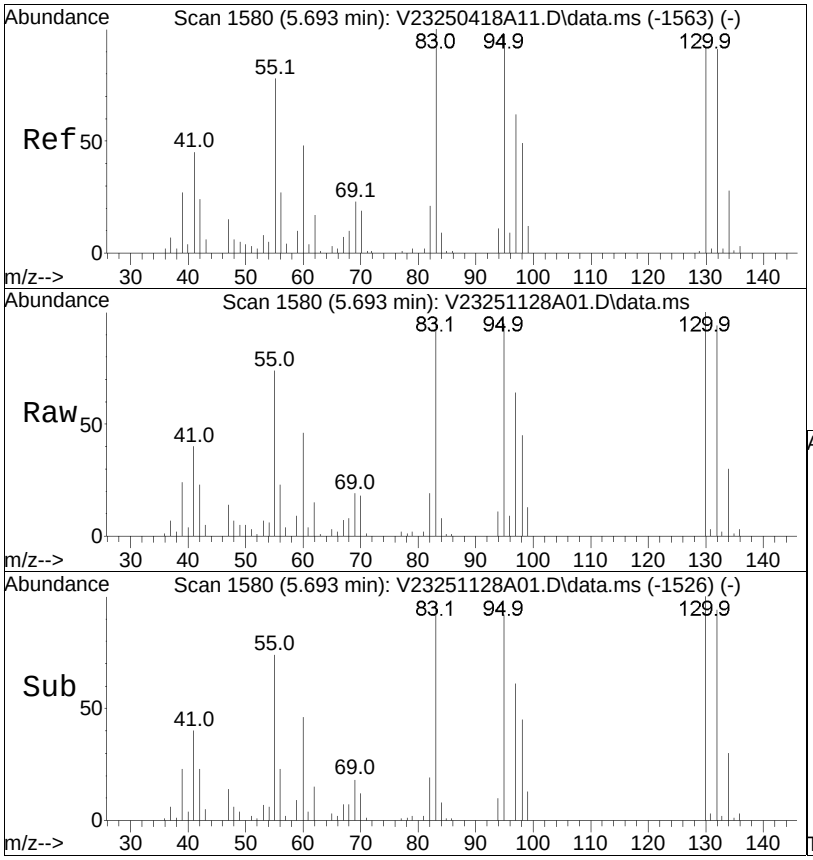


#44
1,2-Dichloroethane
Concen: 42.49 ug/L
RT: 5.306 min Scan# 1441
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 62 Resp: 150180

Ion	Ratio	Lower	Upper
62	100		
64	32.5	12.7	52.7
98	8.9	0.0	29.7

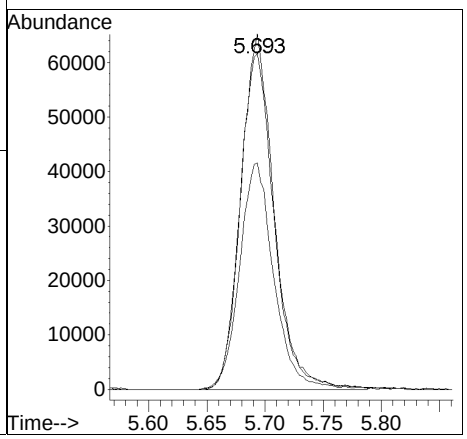


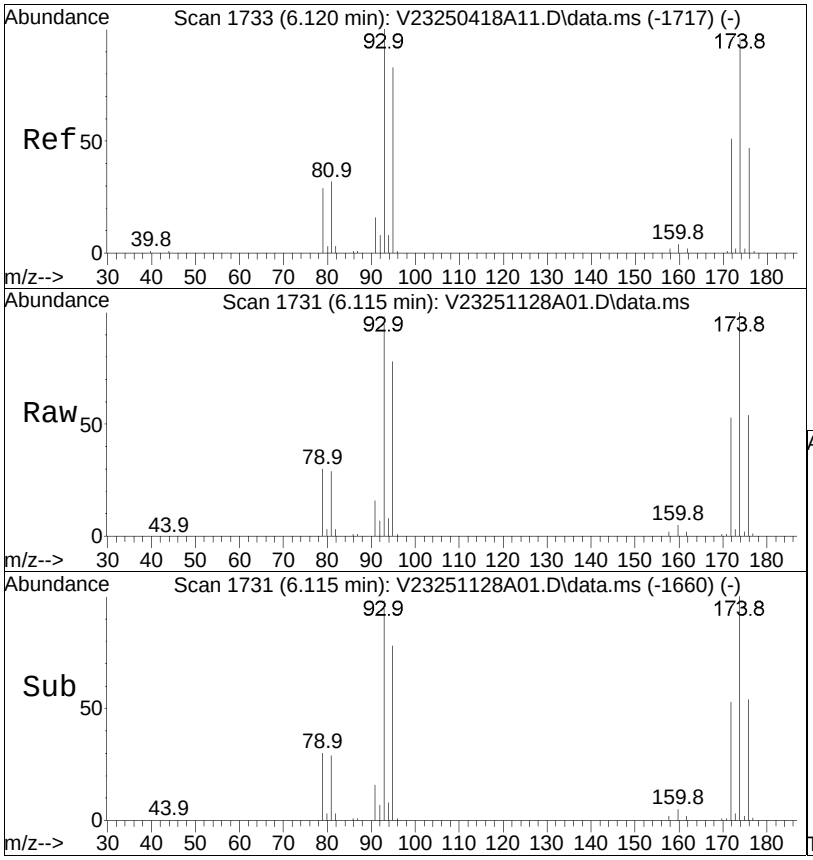


#48
Trichloroethene
Concen: 47.44 ug/L
RT: 5.693 min Scan# 1580
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 95 Resp: 126172

Ion	Ratio	Lower	Upper
95	100		
97	67.3	54.3	81.5
130	102.3	82.2	123.2

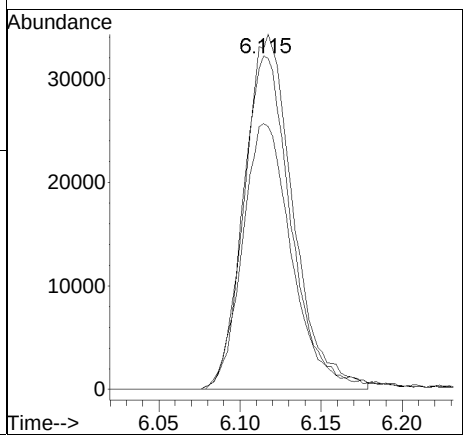


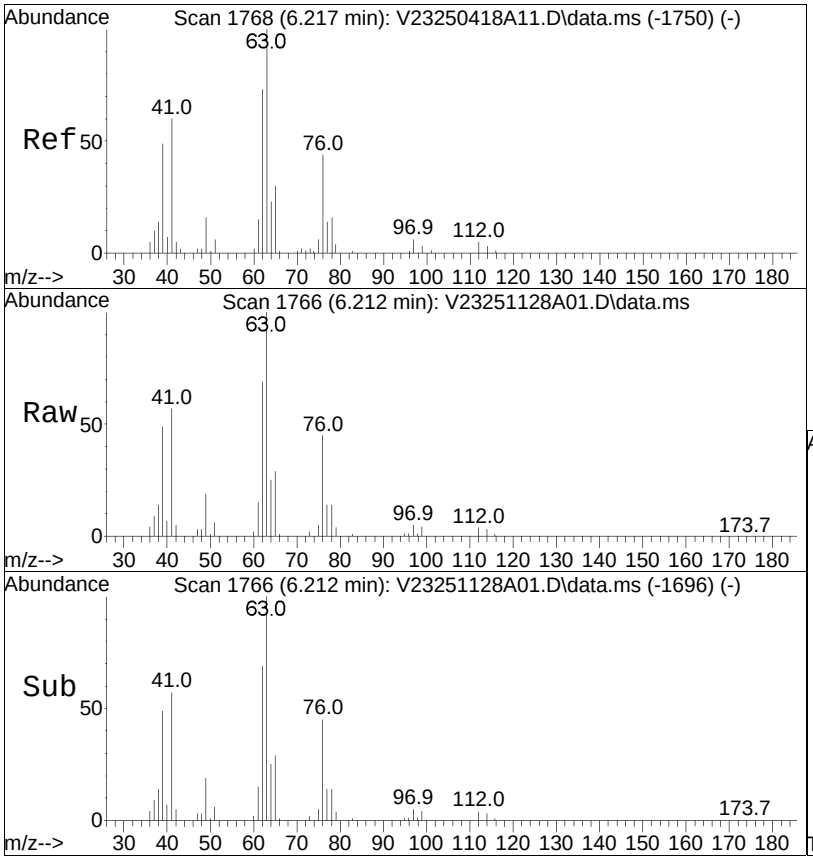


#50
Dibromomethane
Concen: 41.95 ug/L
RT: 6.115 min Scan# 1731
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 93 Resp: 66290

Ion	Ratio	Lower	Upper
93	100		
95	81.0	66.1	99.1
174	108.2	84.2	126.2

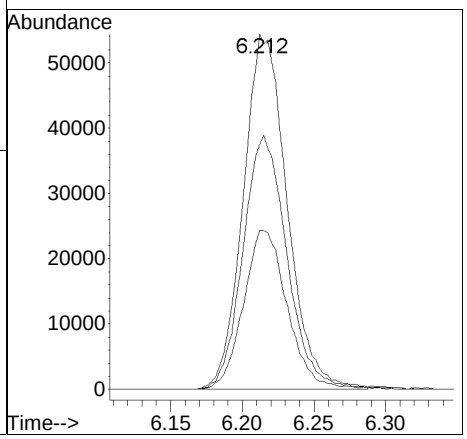


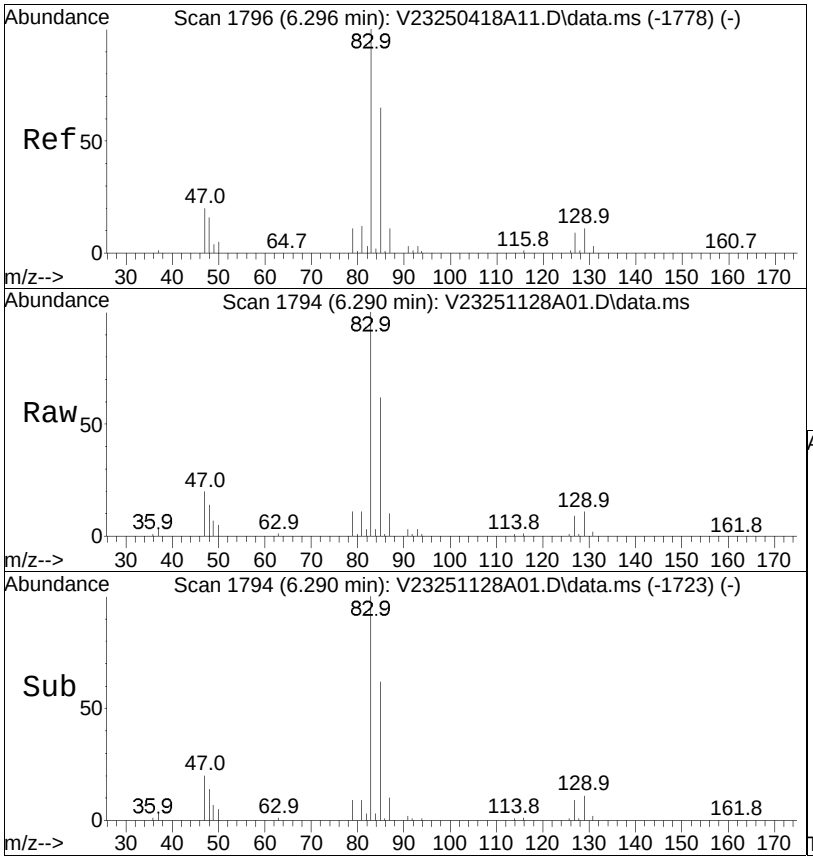


#51
1,2-Dichloropropane
Concen: 43.49 ug/L
RT: 6.212 min Scan# 1766
Delta R.T. -0.005 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 63 Resp: 115996

Ion	Ratio	Lower	Upper
63	100		
62	71.5	56.9	85.3
76	44.6	35.0	52.4

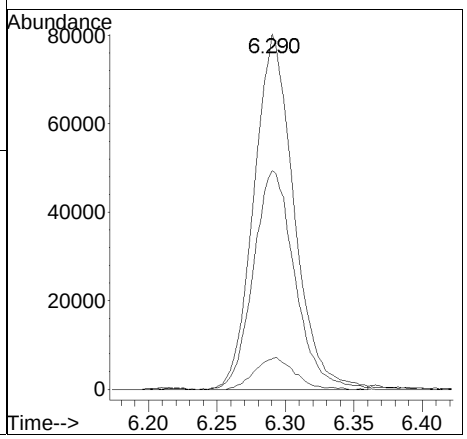


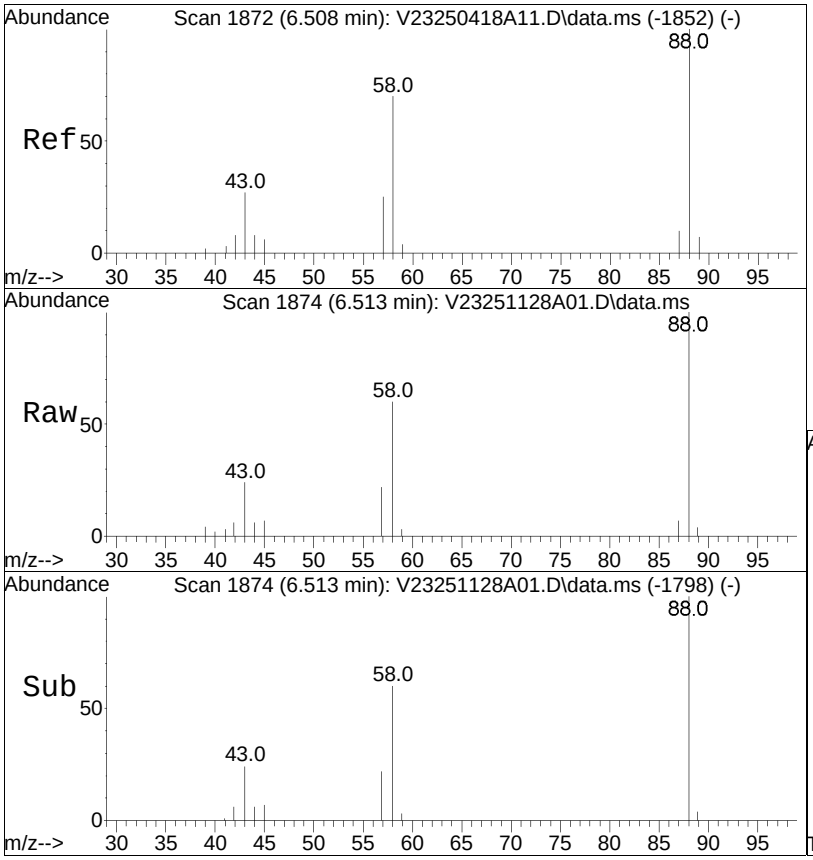


#54
Bromodichloromethane
Concen: 43.59 ug/L
RT: 6.290 min Scan# 1794
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 83 Resp: 163228

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.3	76.9
127	8.8	6.5	9.7

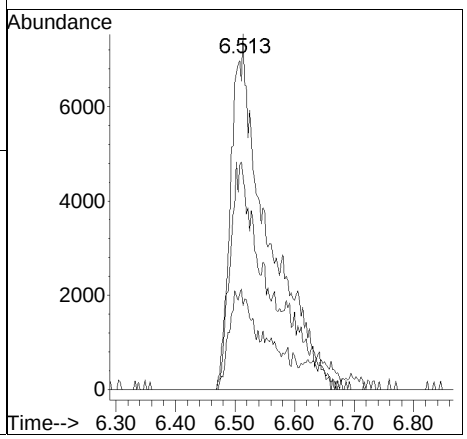


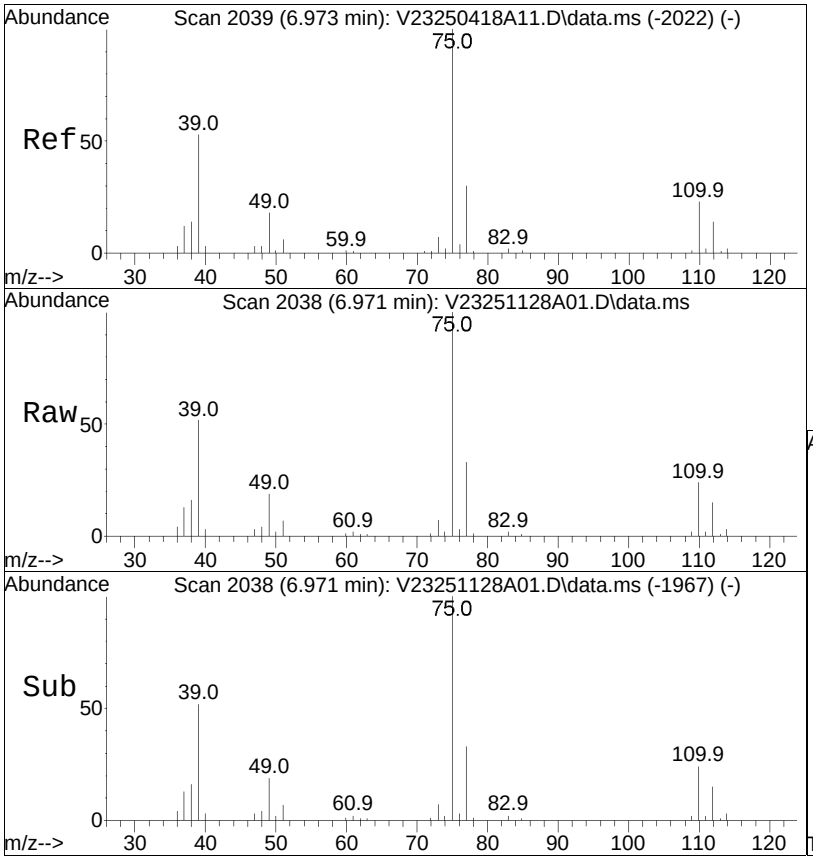


#57
1,4-Dioxane
Concen: 2107.67 ug/L M1
RT: 6.513 min Scan# 1874
Delta R.T. 0.011 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 88 Resp: 32600

Ion	Ratio	Lower	Upper
88	100		
58	40.7	50.2	75.2#
43	7.2	19.1	28.7#

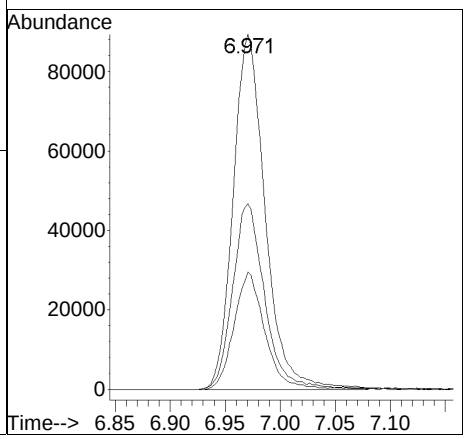


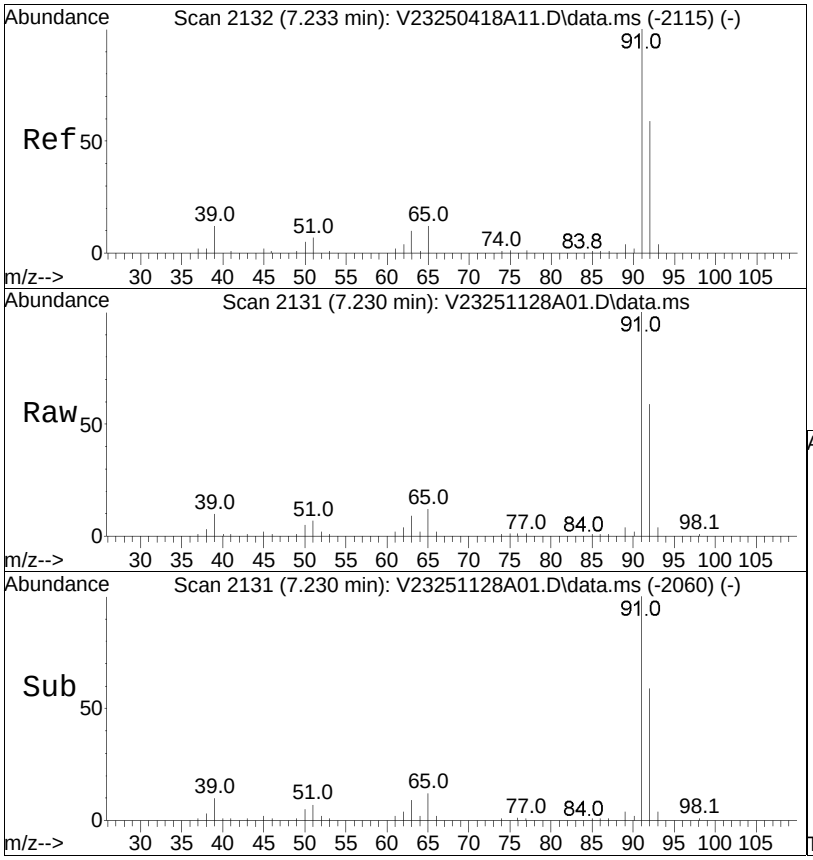


#58
cis-1,3-Dichloropropene
Concen: 43.91 ug/L
RT: 6.971 min Scan# 2038
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 75 Resp: 180923

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.9	38.9
39	52.0	34.5	51.7#

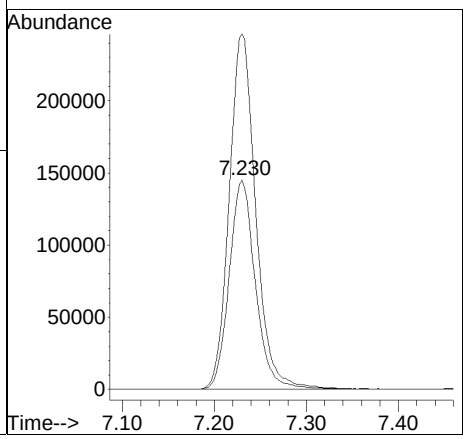


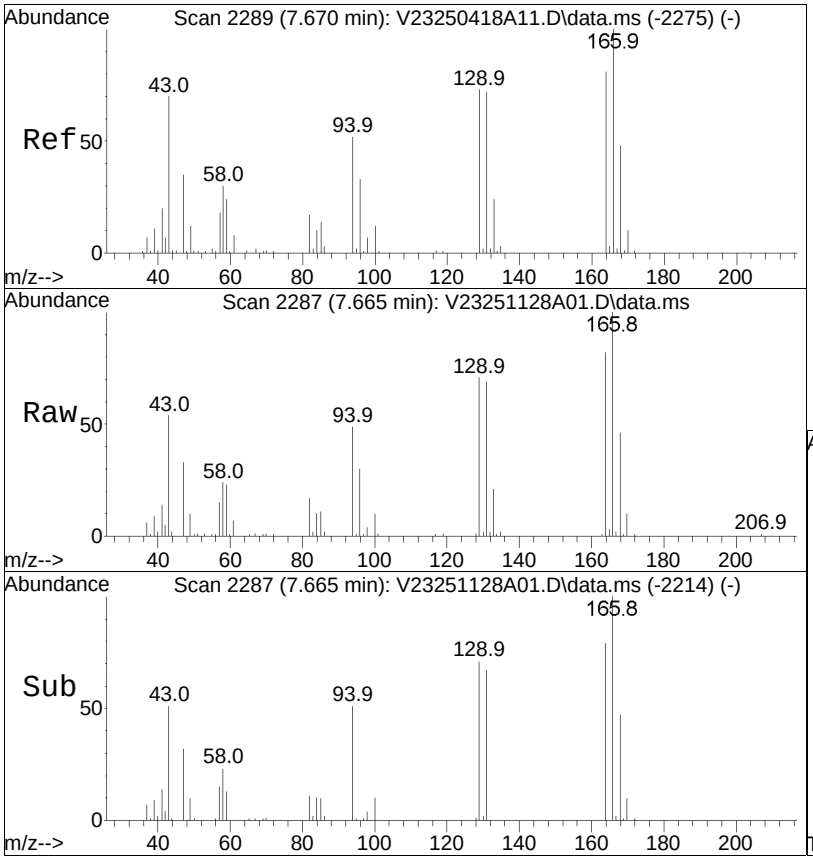


#61
Toluene
Concen: 44.89 ug/L
RT: 7.230 min Scan# 2131
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 92 Resp: 288227

Ion	Ratio	Lower	Upper
92	100		
91	170.8	136.4	204.6

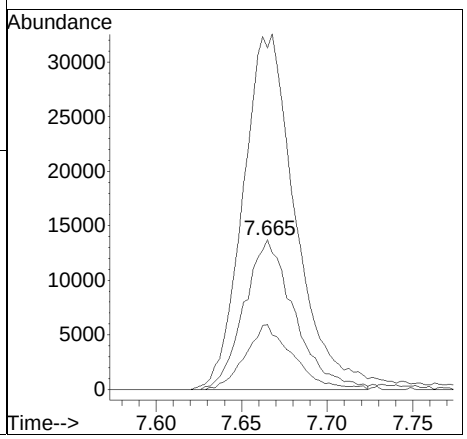


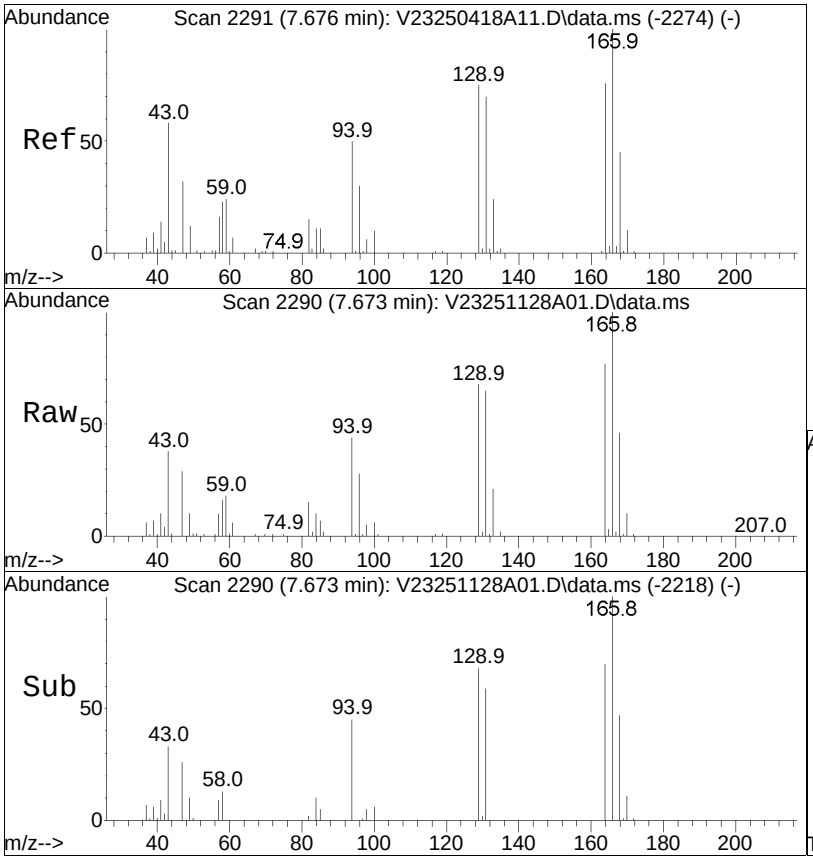


#62
4-Methyl-2-pentanone
Concen: 41.12 ug/L
RT: 7.665 min Scan# 2287
Delta R.T. 0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 58 Resp: 28107

Ion	Ratio	Lower	Upper
58	100		
100	40.4	33.1	49.7
43	248.8	179.0	268.6

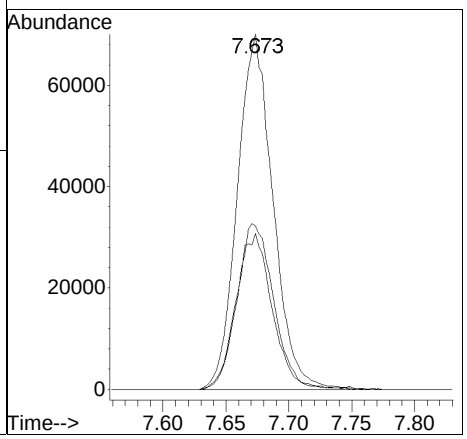


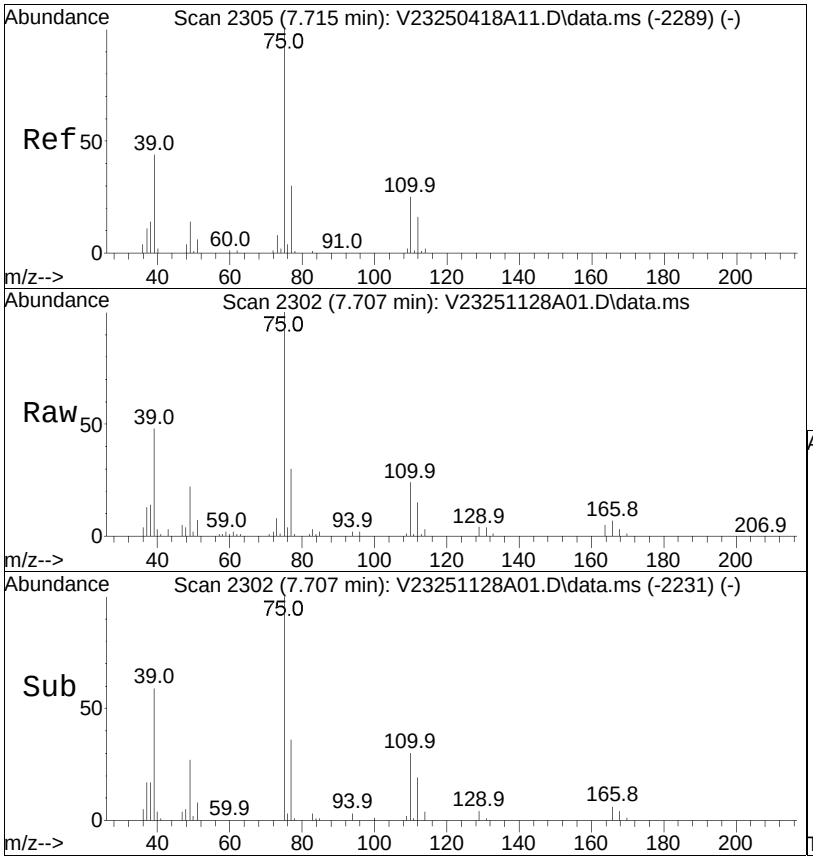


#63
Tetrachloroethene
Concen: 50.09 ug/L
RT: 7.673 min Scan# 2290
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:166 Resp: 138352

Ion	Ratio	Lower	Upper
166	100		
168	48.1	28.0	68.0
94	44.5	23.3	63.3

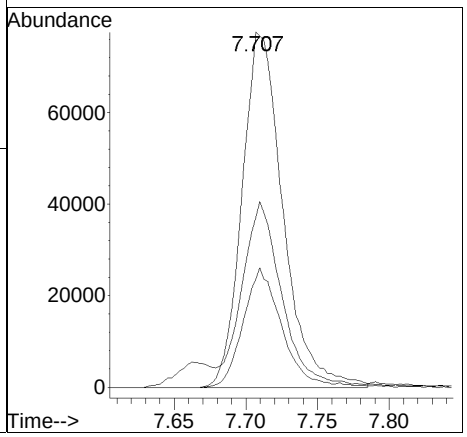


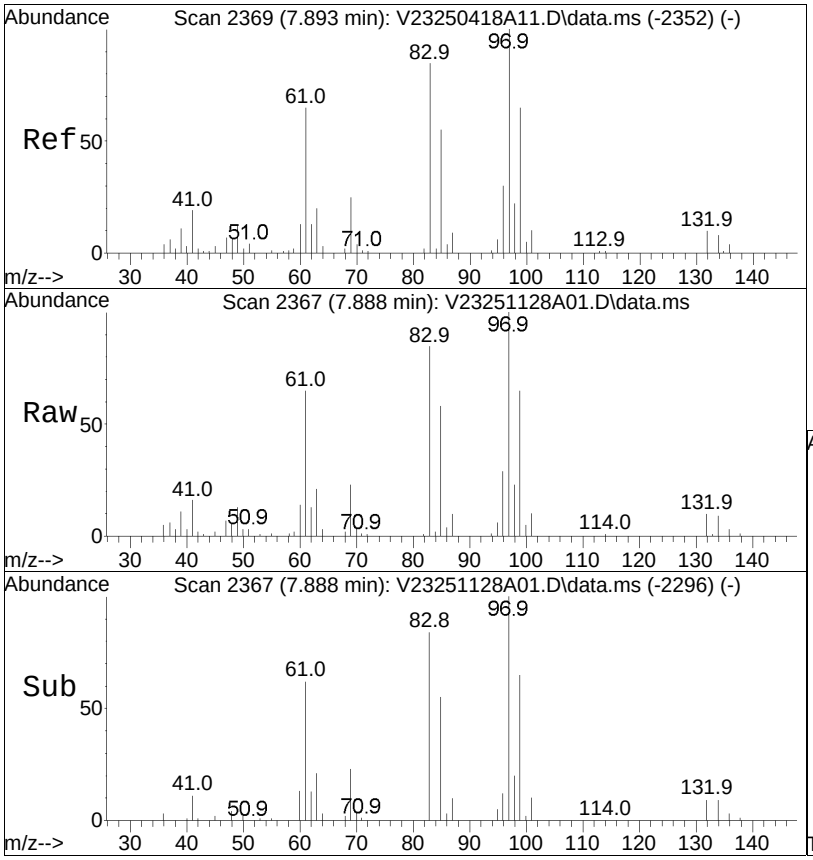


#65
trans-1,3-Dichloropropene
Concen: 42.66 ug/L
RT: 7.707 min Scan# 2302
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 75 Resp: 154258

Ion	Ratio	Lower	Upper
75	100		
77	31.9	12.7	52.7
39	49.2	29.5	69.5

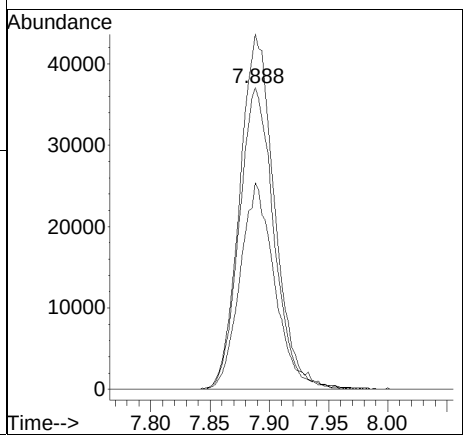


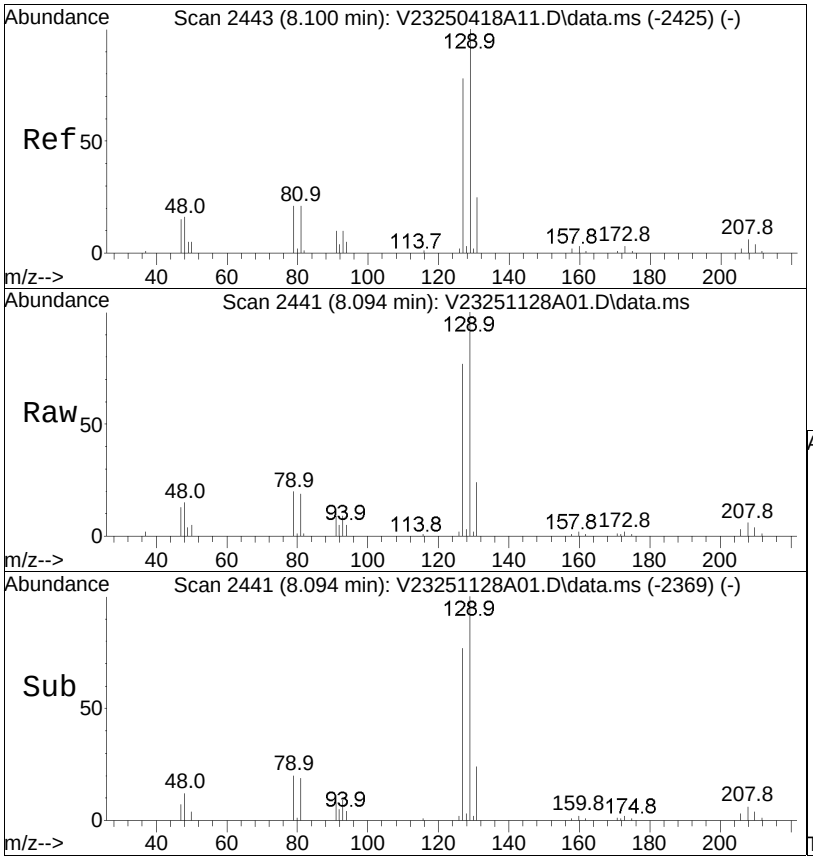


#68
1,1,2-Trichloroethane
Concen: 41.22 ug/L
RT: 7.888 min Scan# 2367
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 83 Resp: 76011

Ion	Ratio	Lower	Upper
83	100		
97	117.7	99.1	139.1
85	68.0	46.8	86.8

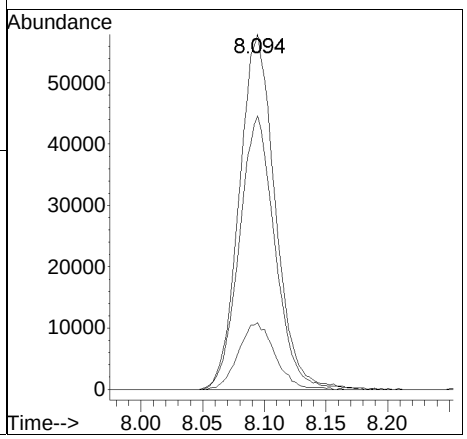


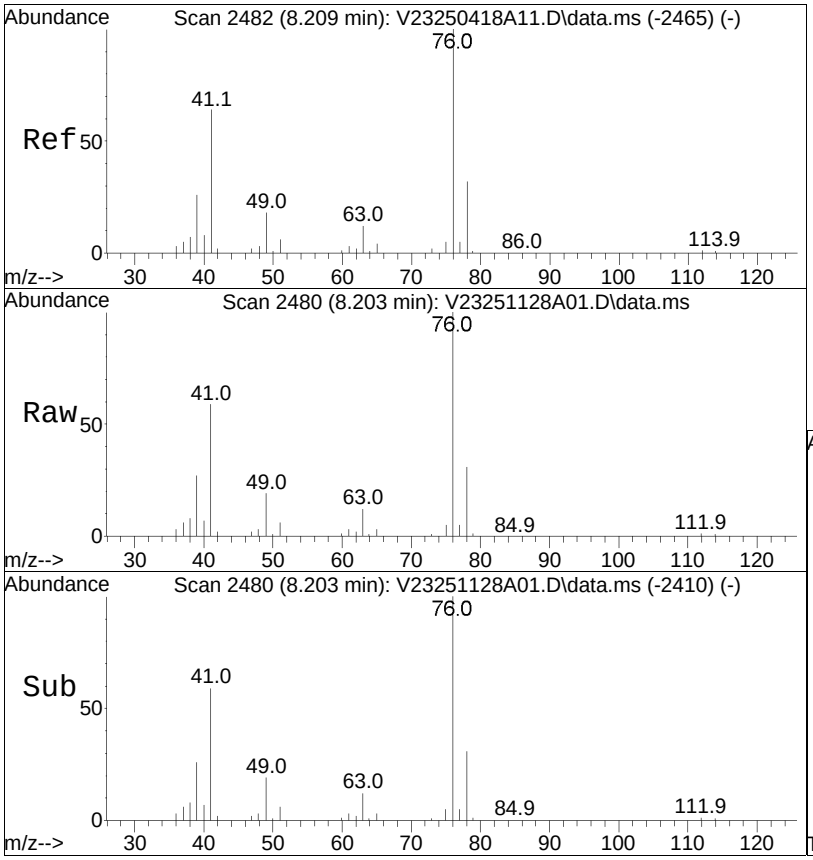


#69
Chlorodibromomethane
Concen: 44.37 ug/L
RT: 8.094 min Scan# 2441
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:129 Resp: 117543

Ion	Ratio	Lower	Upper
129	100		
81	19.1	0.0	35.1
127	76.6	57.6	97.6

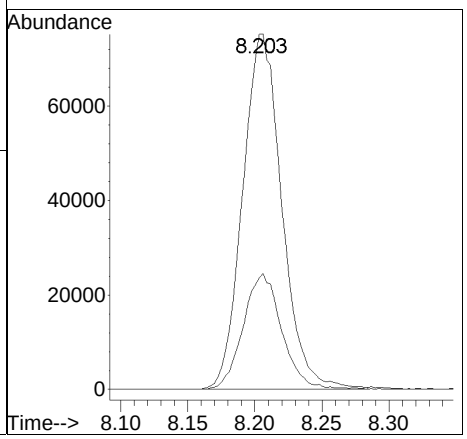


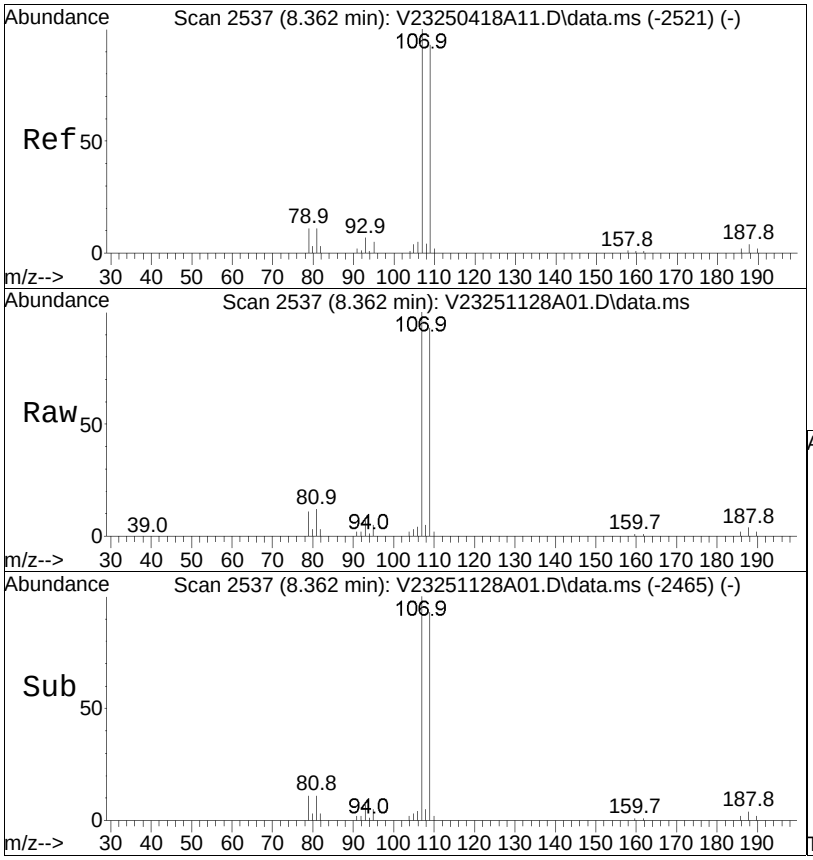


#70
1,3-Dichloropropane
Concen: 42.04 ug/L
RT: 8.203 min Scan# 2480
Delta R.T. -0.005 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 76 Resp: 153059

Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.2	39.2

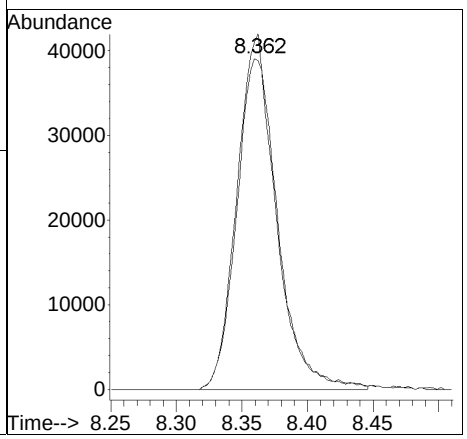


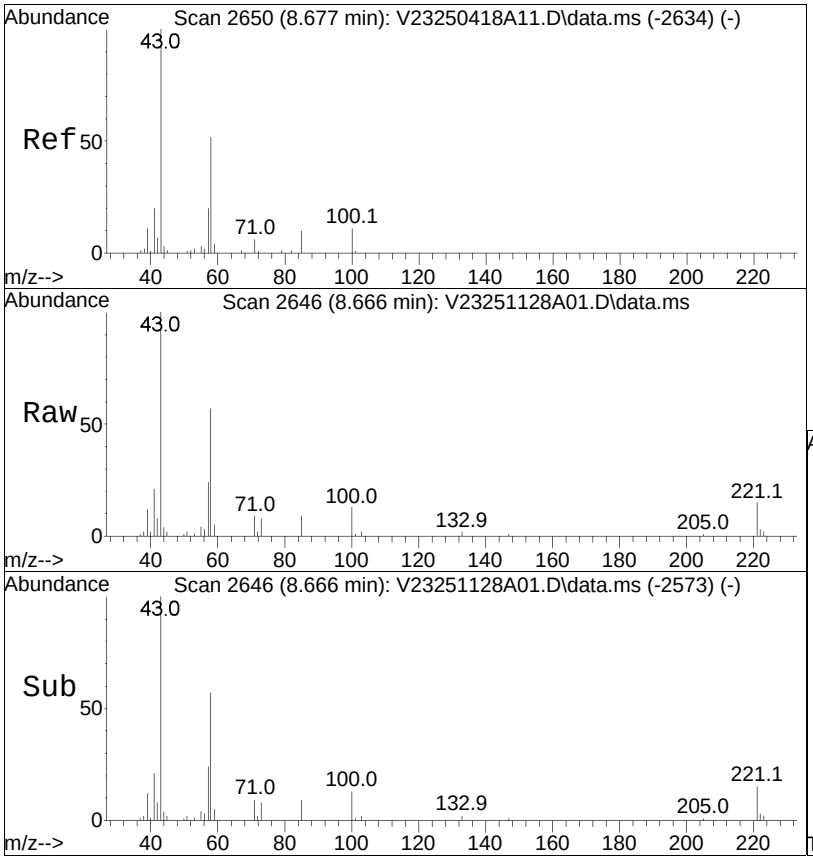


#71
1,2-Dibromoethane
Concen: 43.38 ug/L
RT: 8.362 min Scan# 2537
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:107 Resp: 88788

Ion	Ratio	Lower	Upper
107	100		
109	93.8	76.1	114.1

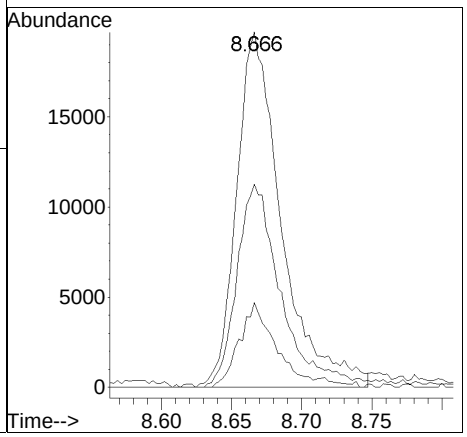


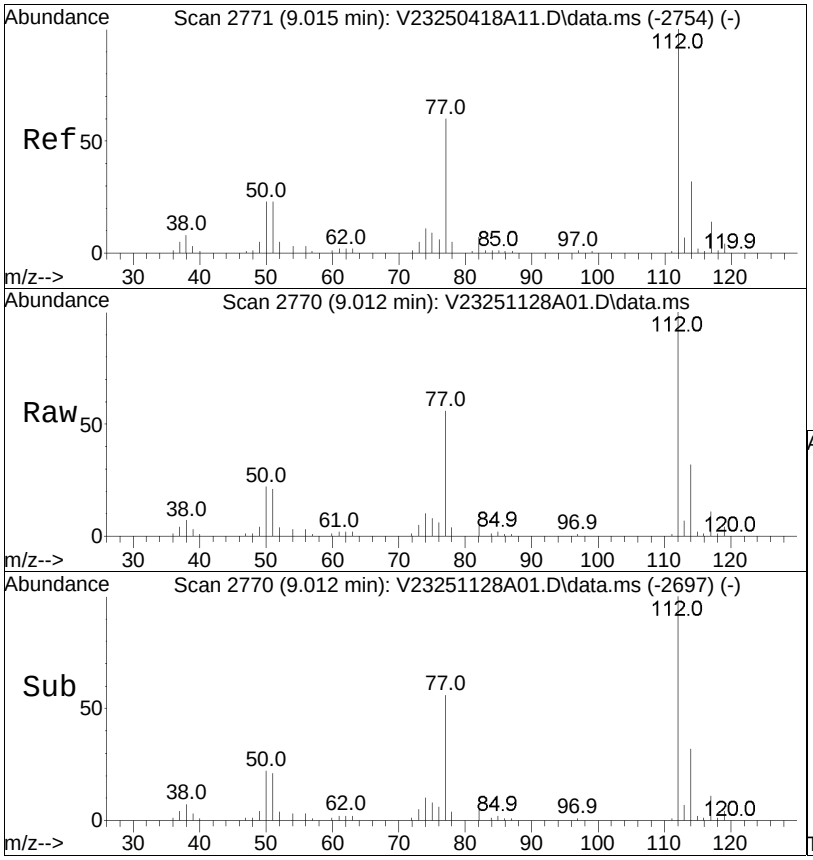


#72
2-Hexanone
Concen: 35.80 ug/L
RT: 8.666 min Scan# 2646
Delta R.T. 0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 43 Resp: 43933

Ion	Ratio	Lower	Upper
43	100		
58	56.2	49.2	73.8
57	19.1	17.4	26.2

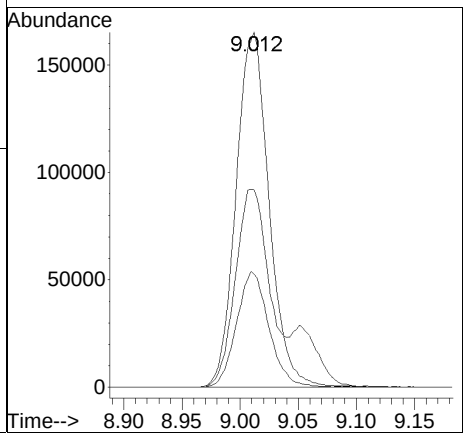


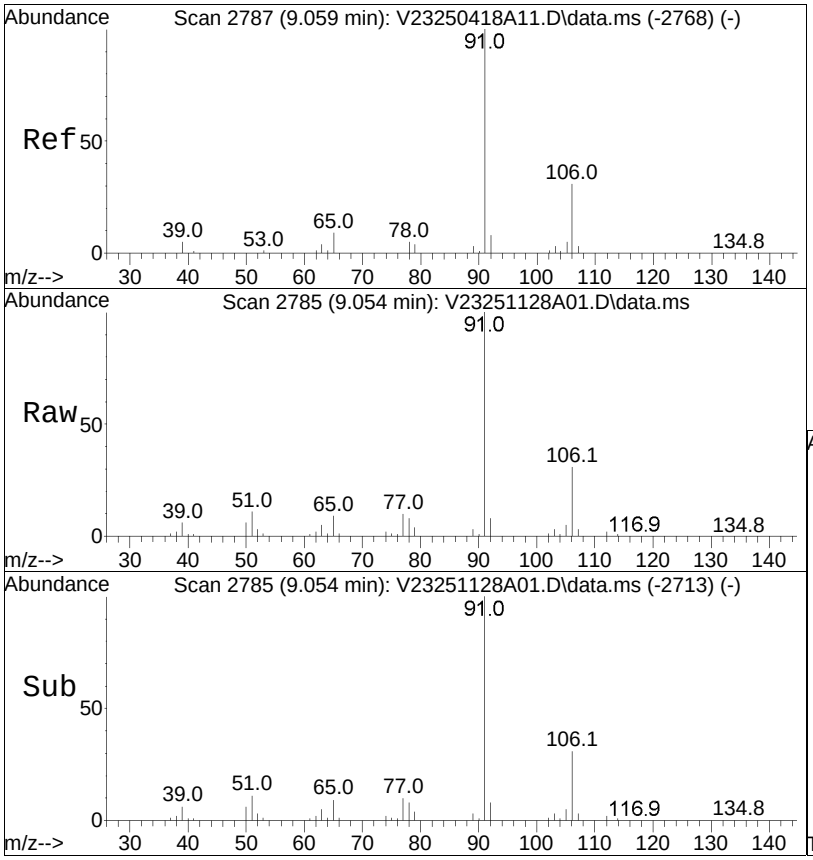


#73
Chlorobenzene
Concen: 44.56 ug/L
RT: 9.012 min Scan# 2770
Delta R.T. 0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:112 Resp: 326917

Ion	Ratio	Lower	Upper
112	100		
77	57.3	58.5	87.7#
114	32.1	25.8	38.6

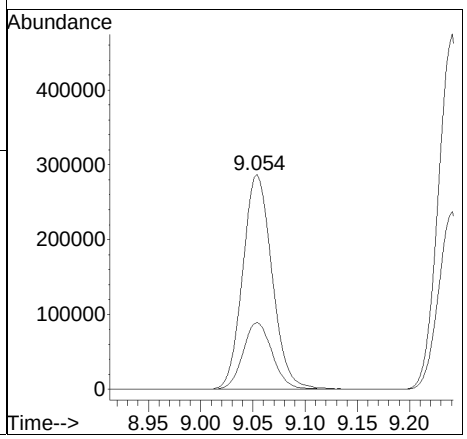


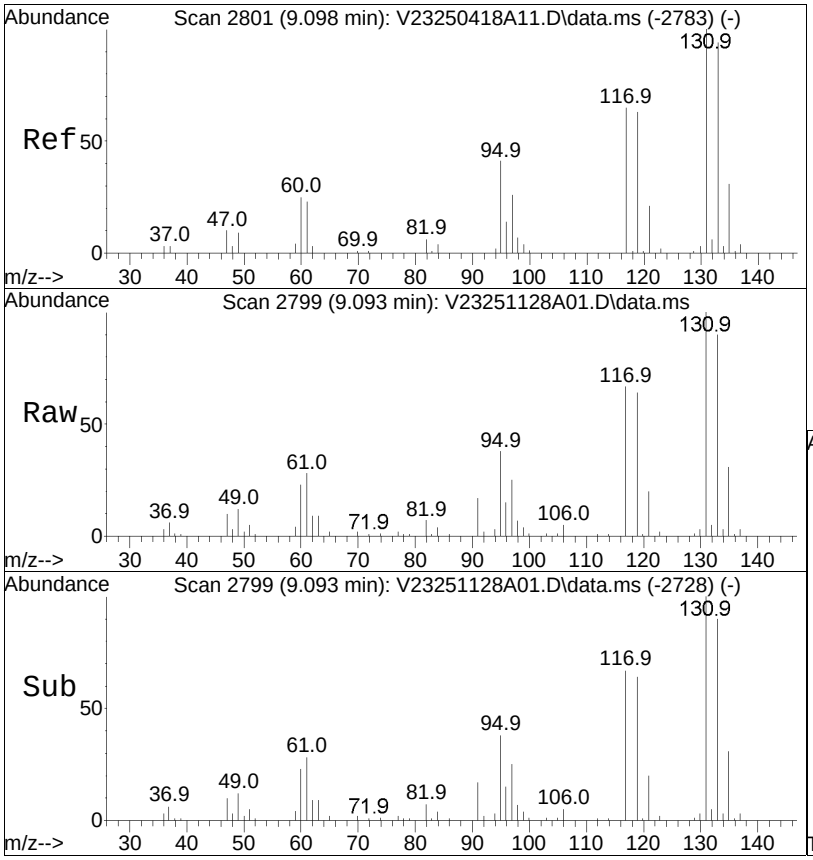


#74
Ethylbenzene
Concen: 44.38 ug/L
RT: 9.054 min Scan# 2785
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 91 Resp: 564019

Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.2	37.8

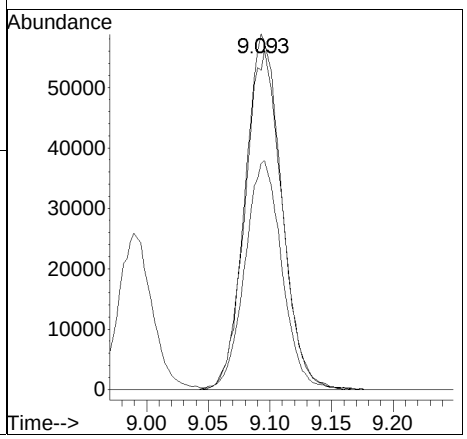


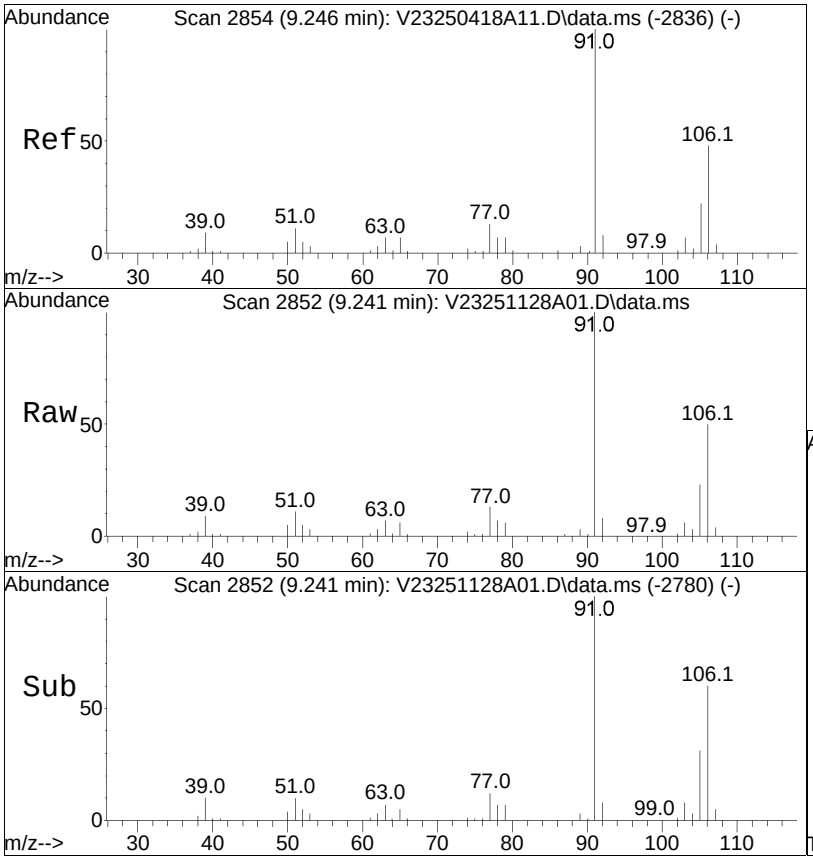


#75
1,1,1,2-Tetrachloroethane
Concen: 45.58 ug/L
RT: 9.093 min Scan# 2799
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:131 Resp: 122205

Ion	Ratio	Lower	Upper
131	100		
133	95.7	75.5	115.5
119	64.7	46.0	86.0

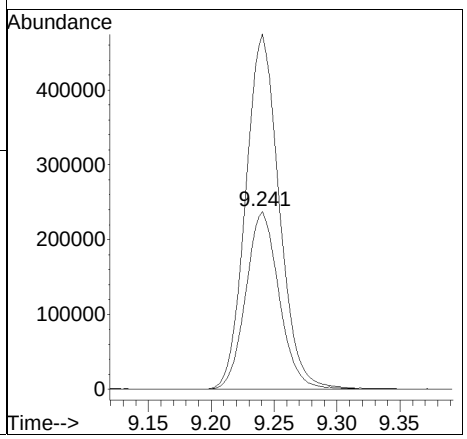


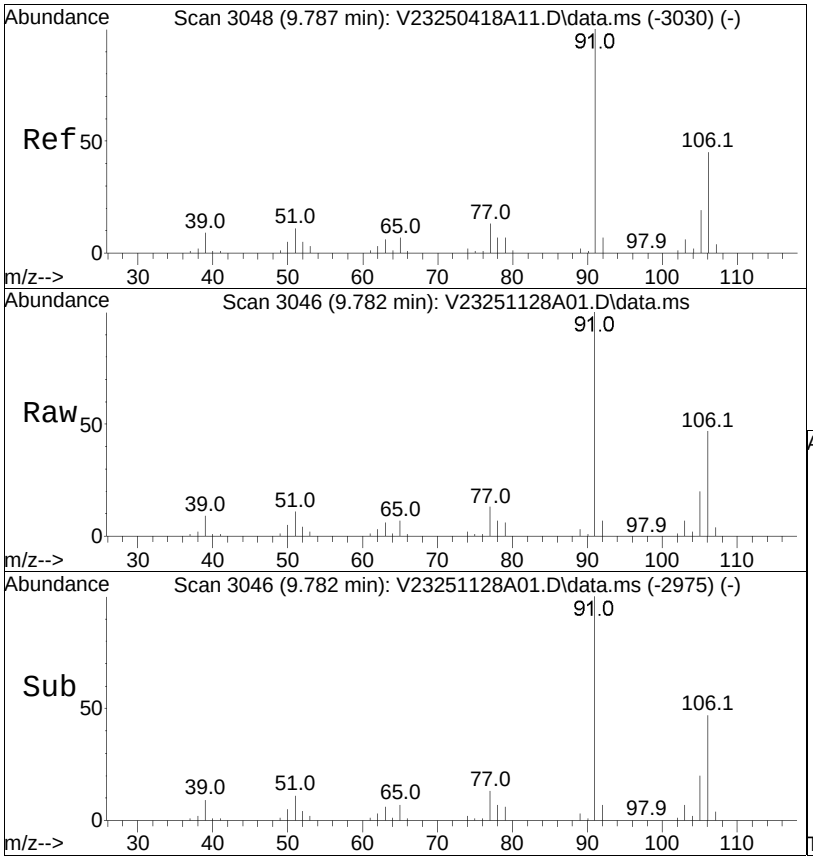


#76
p/m Xylene
Concen: 92.47 ug/L
RT: 9.241 min Scan# 2852
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:106 Resp: 439441

Ion	Ratio	Lower	Upper
106	100		
91	200.7	160.4	240.6

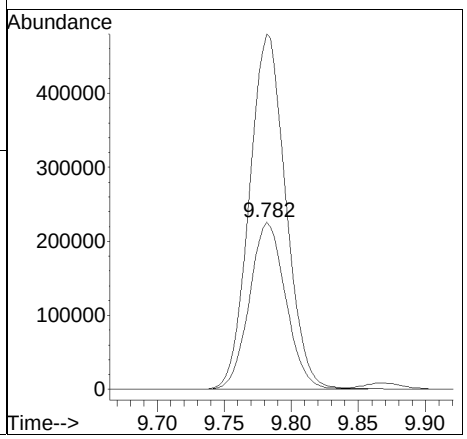


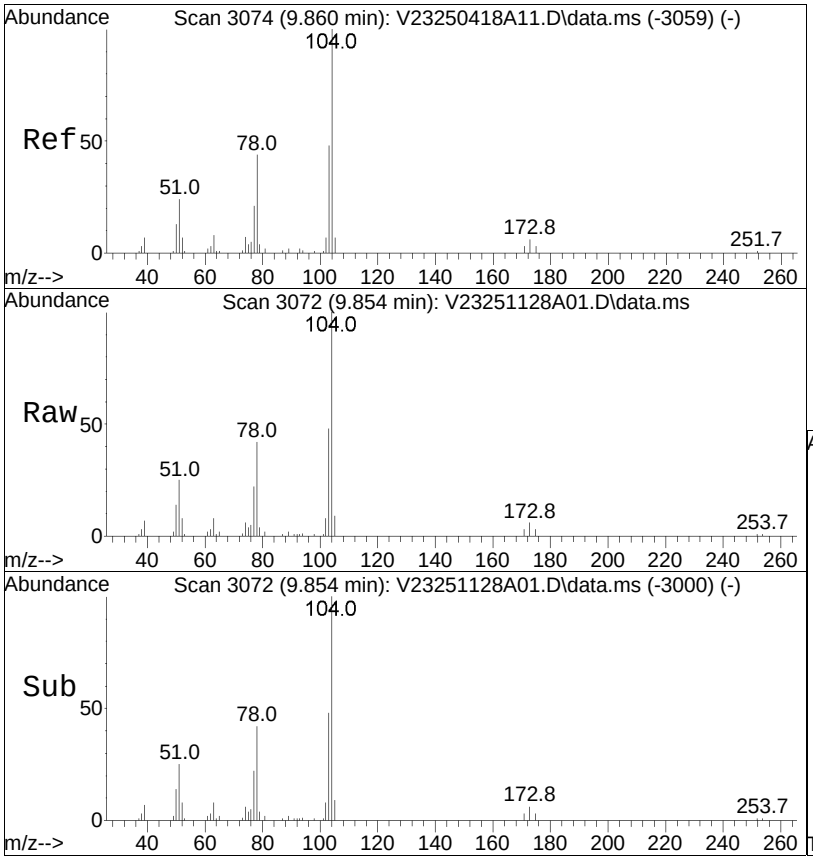


#77
o Xylene
Concen: 89.06 ug/L
RT: 9.782 min Scan# 3046
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:106 Resp: 427134

Ion	Ratio	Lower	Upper
106	100		
91	212.0	169.6	254.4

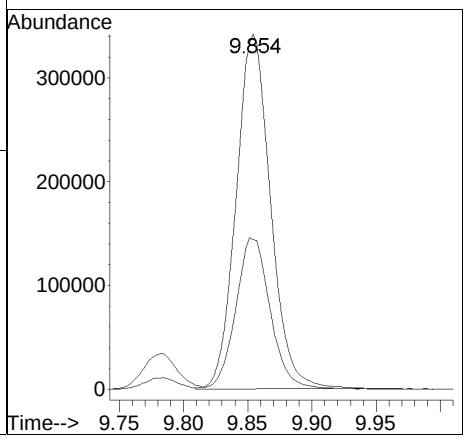


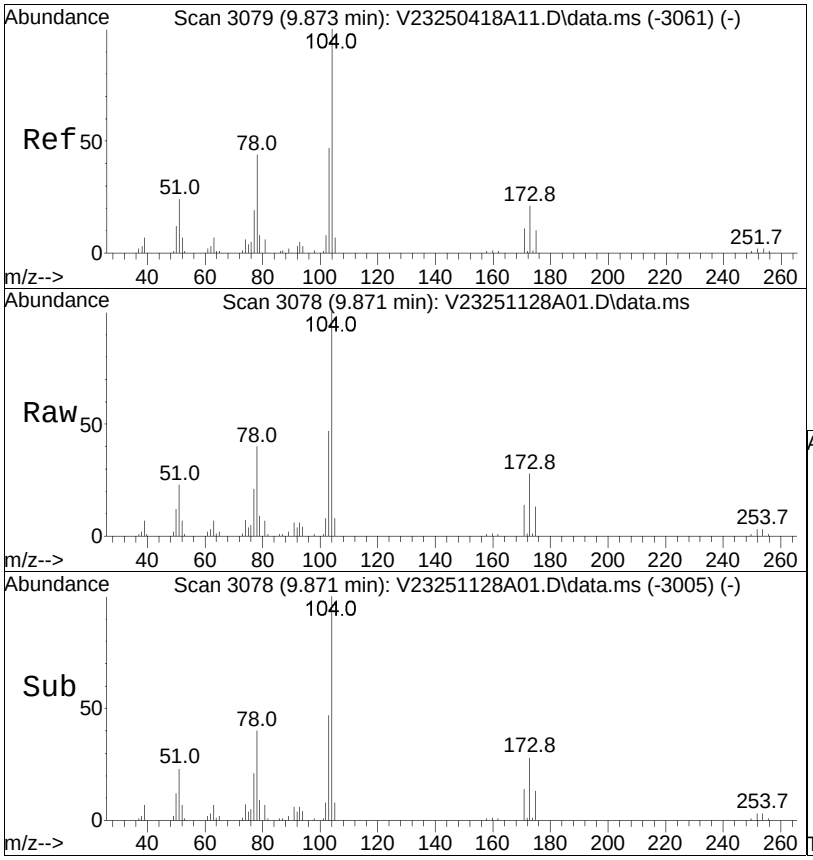


#78
Styrene
Concen: 78.75 ug/L
RT: 9.854 min Scan# 3072
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:104 Resp: 636399

Ion	Ratio	Lower	Upper
104	100		
78	42.6	33.8	50.6

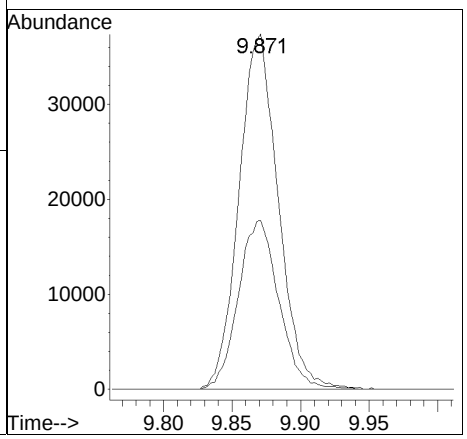


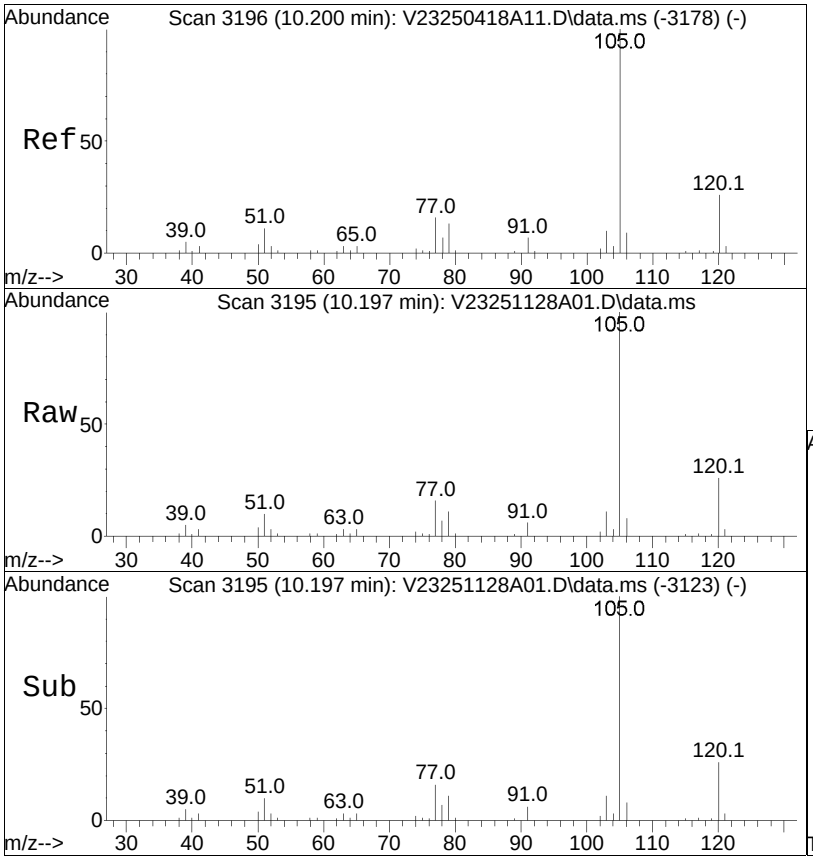


#80
Bromoform
Concen: 39.45 ug/L
RT: 9.871 min Scan# 3078
Delta R.T. 0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:173 Resp: 74909

Ion	Ratio	Lower	Upper
173	100		
175	49.0	28.7	68.7

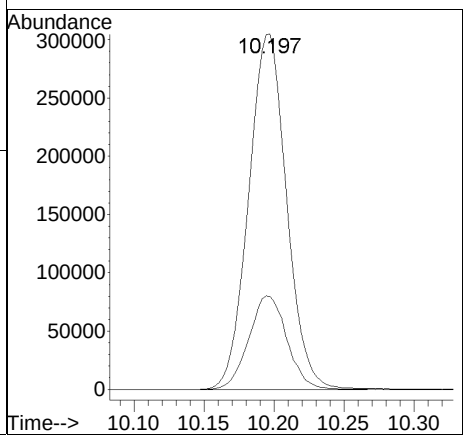


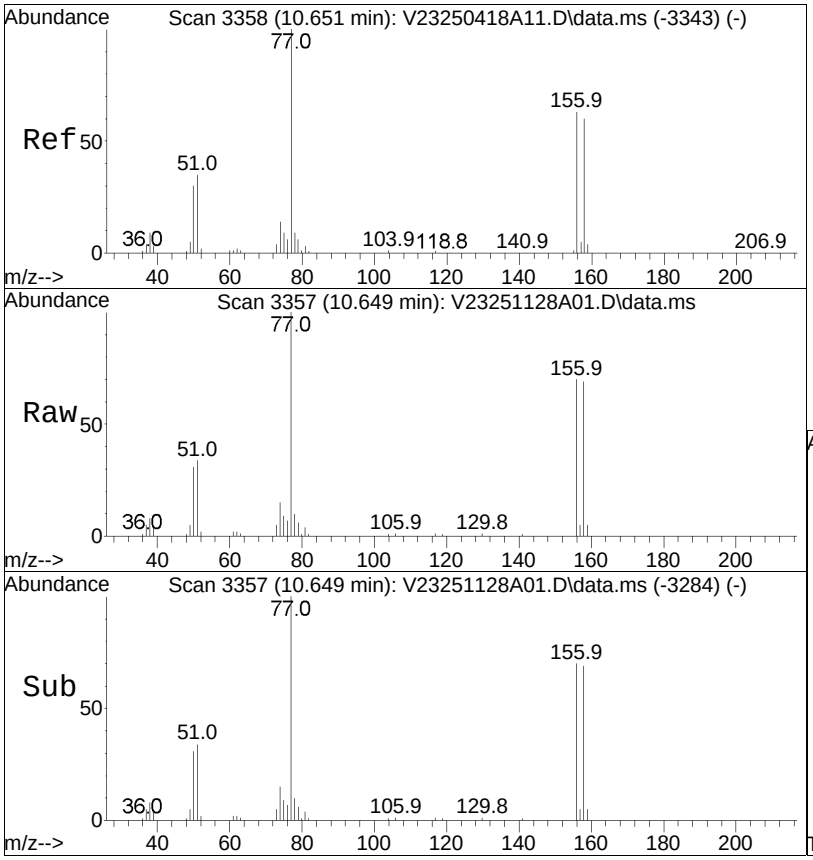


#82
Isopropylbenzene
Concen: 43.81 ug/L
RT: 10.197 min Scan# 3195
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:105 Resp: 574462

Ion	Ratio	Lower	Upper
105	100		
120	26.5	6.6	46.6

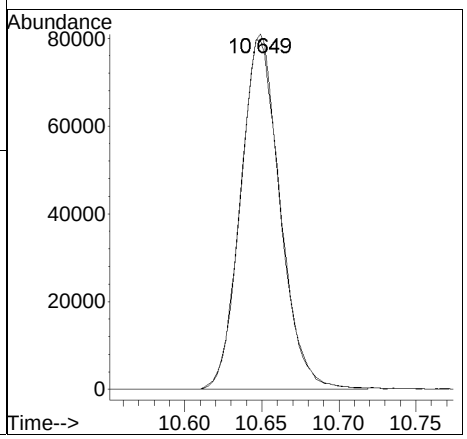


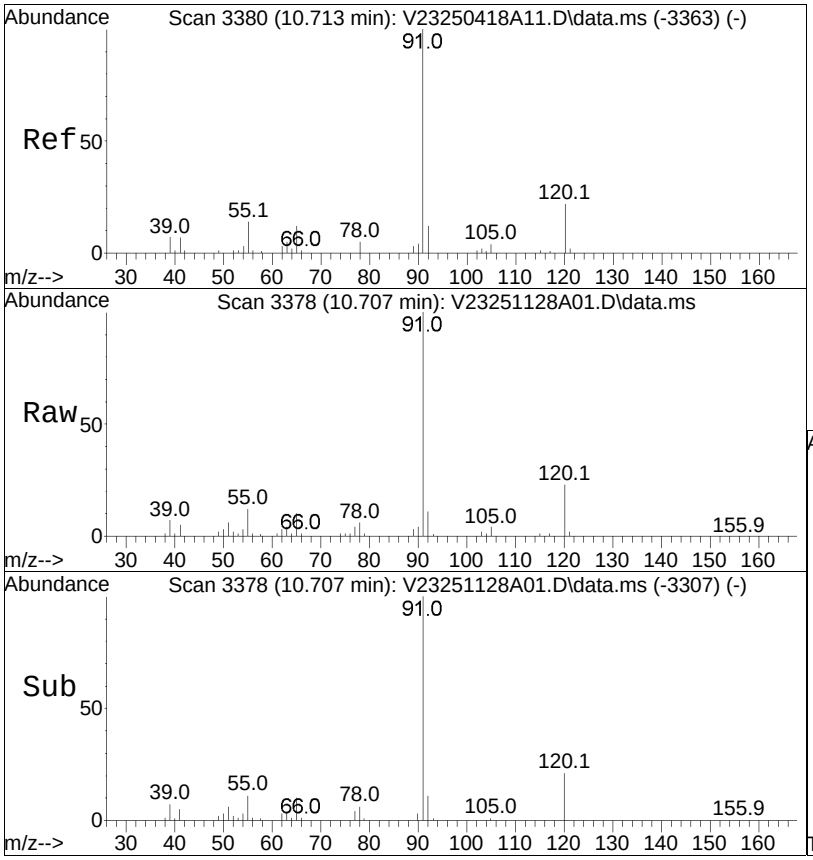


#84
Bromobenzene
Concen: 40.85 ug/L
RT: 10.649 min Scan# 3357
Delta R.T. 0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:156 Resp: 144391

Ion	Ratio	Lower	Upper
156	100		
158	98.2	77.7	116.5

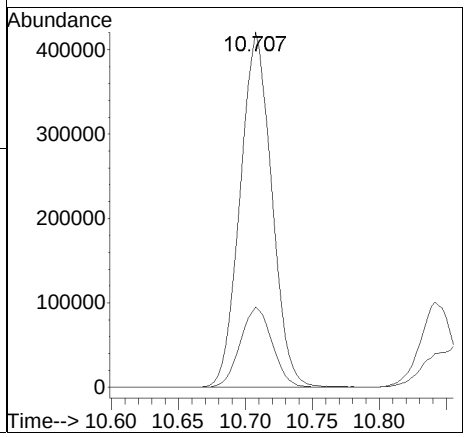


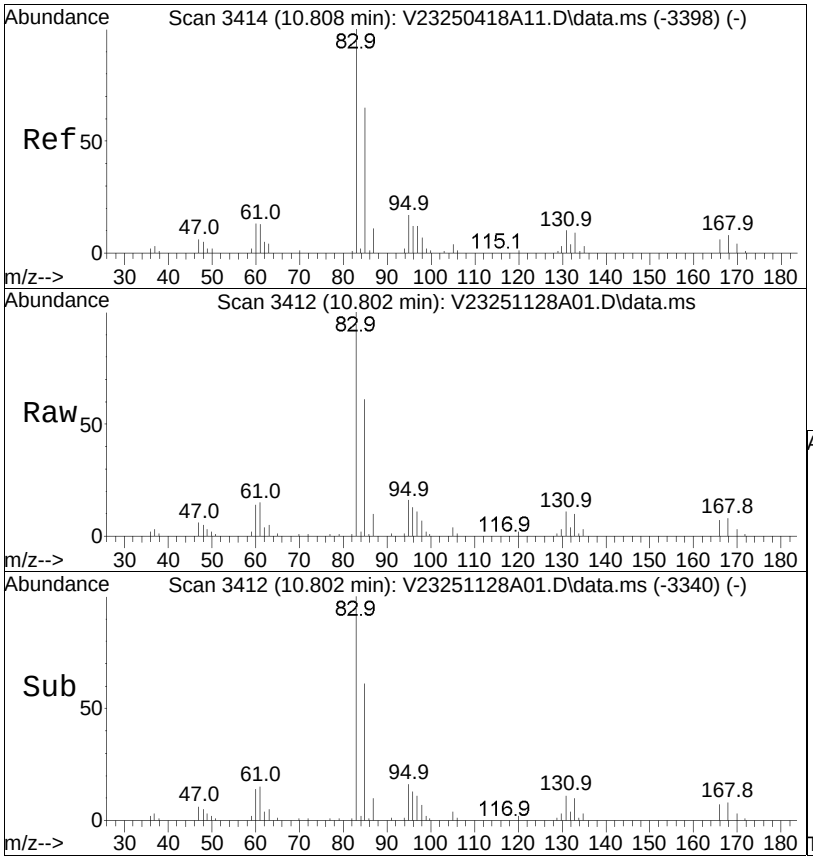


#85
n-Propylbenzene
Concen: 44.18 ug/L
RT: 10.707 min Scan# 3378
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 91 Resp: 689655

Ion	Ratio	Lower	Upper
91	100		
120	22.9	18.2	27.2

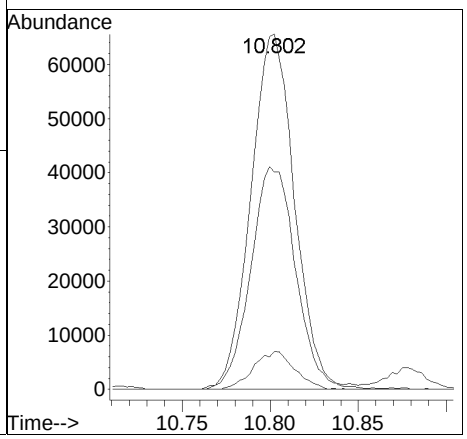


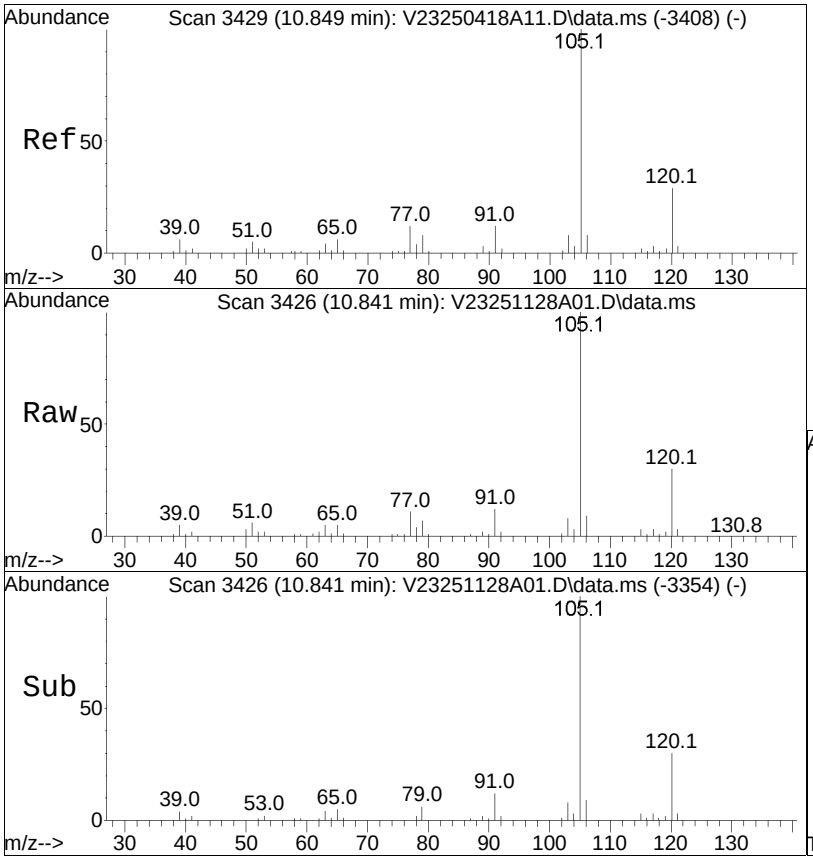


#87
1,1,2,2-Tetrachloroethane
Concen: 39.25 ug/L
RT: 10.802 min Scan# 3412
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 83 Resp: 113260

Ion	Ratio	Lower	Upper
83	100		
131	10.2	0.0	30.1
85	64.8	45.1	85.1

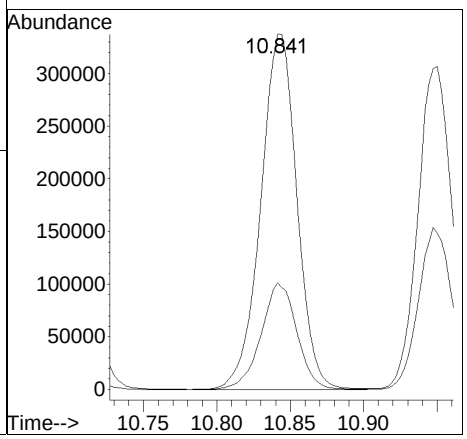


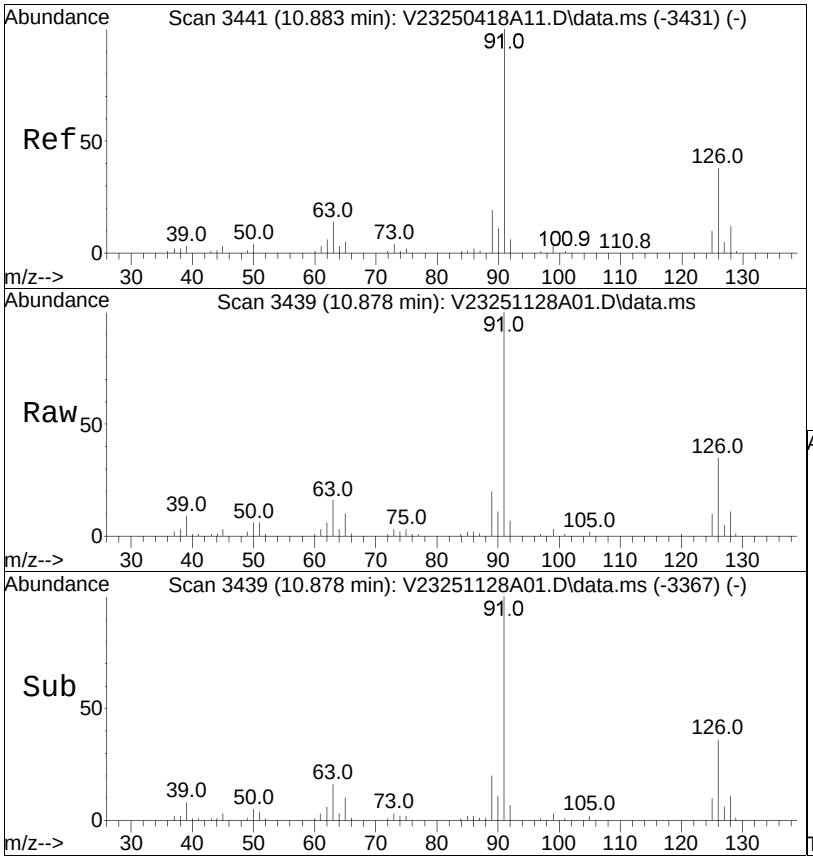


#88
4-Ethyltoluene
Concen: 44.52 ug/L
RT: 10.841 min Scan# 3426
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:105 Resp: 578315

Ion	Ratio	Lower	Upper
105	100		
120	29.6	19.4	40.4

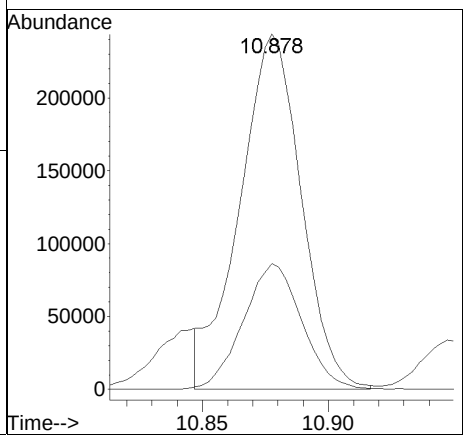


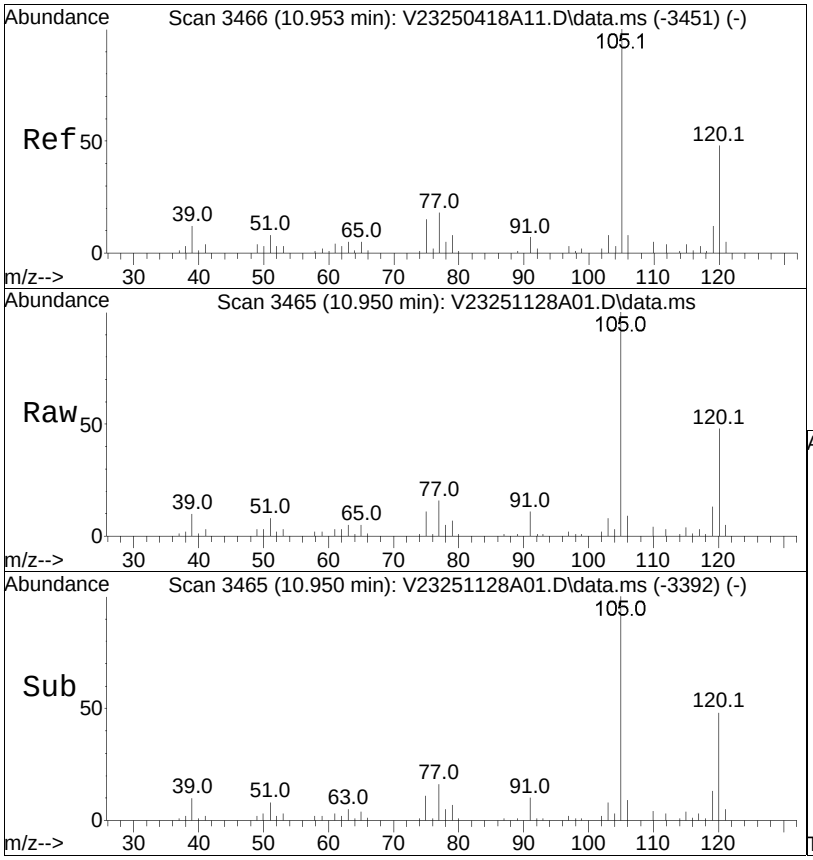


#89
2-Chlorotoluene
Concen: 42.61 ug/L M6
RT: 10.878 min Scan# 3439
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 91 Resp: 415294

Ion	Ratio	Lower	Upper
91	100		
126	33.6	26.7	40.1

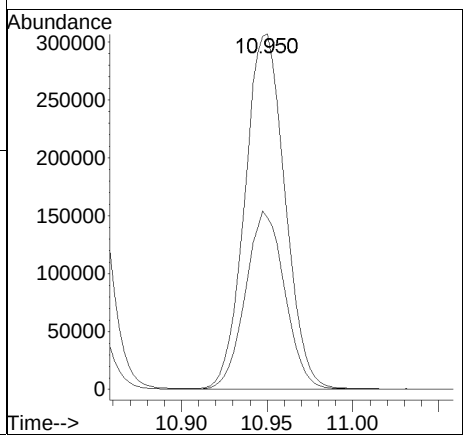


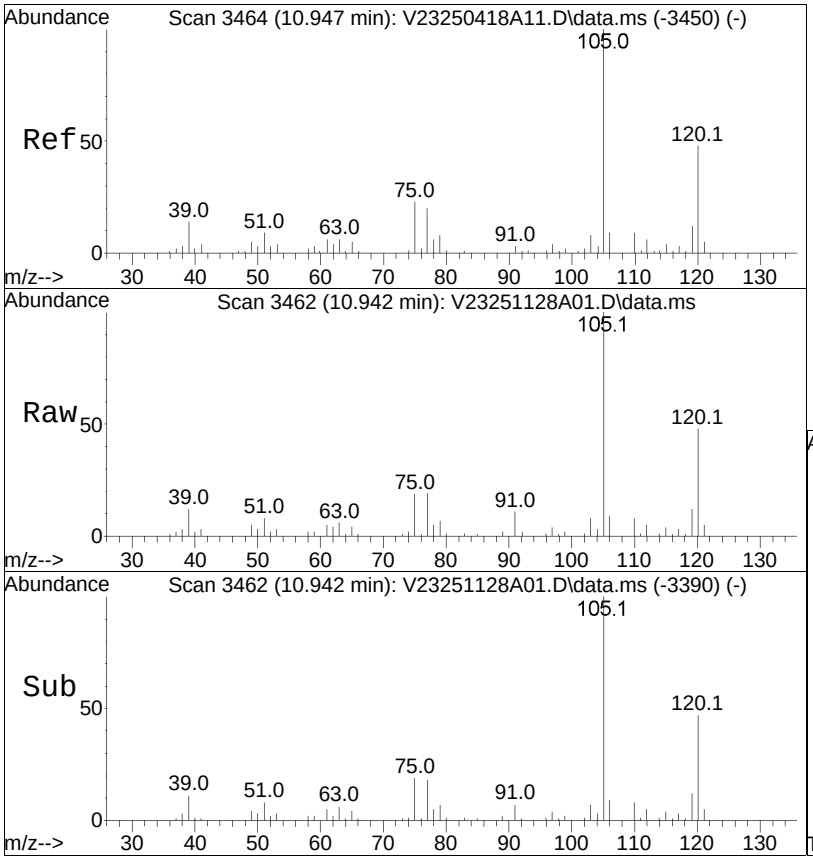


#90
1,3,5-Trimethylbenzene
Concen: 43.27 ug/L
RT: 10.950 min Scan# 3465
Delta R.T. 0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:105 Resp: 498545

Ion	Ratio	Lower	Upper
105	100		
120	49.2	39.9	59.9

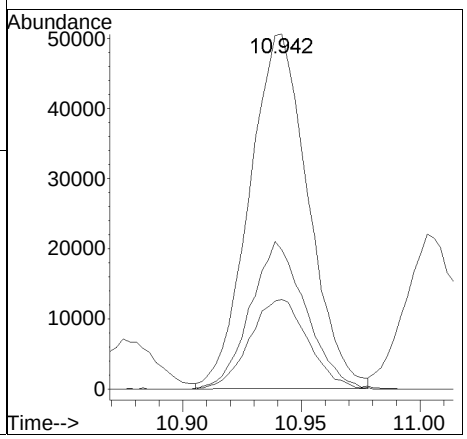


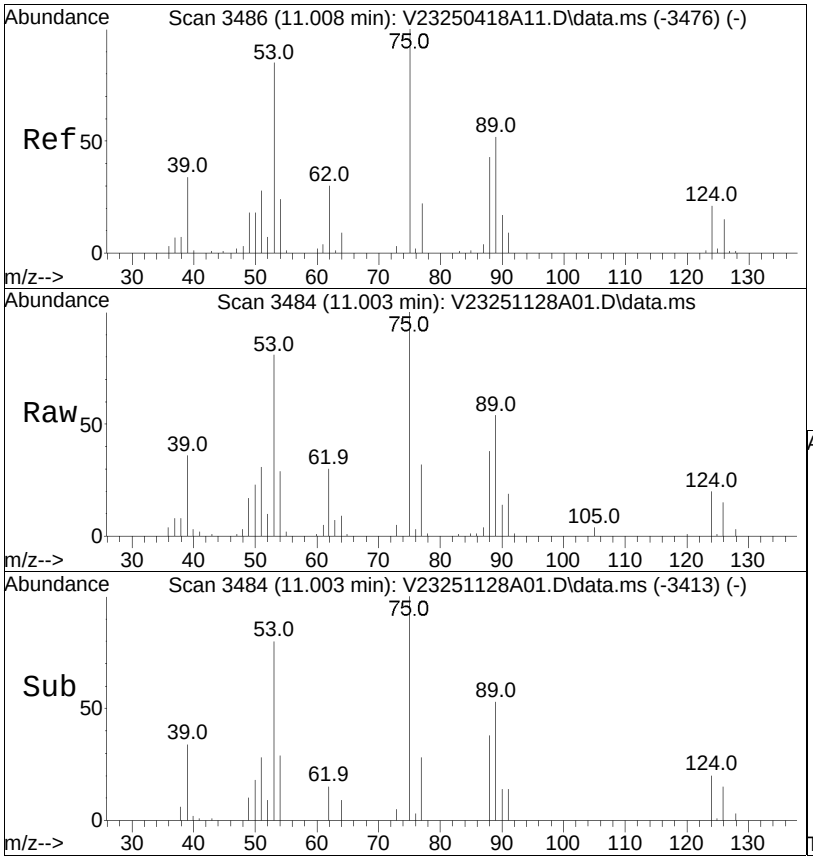


#91
1,2,3-Trichloropropane
Concen: 38.17 ug/L
RT: 10.942 min Scan# 3462
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 75 Resp: 87066

Ion	Ratio	Lower	Upper
75	100		
110	39.4	24.6	51.0
112	25.3	15.7	32.5

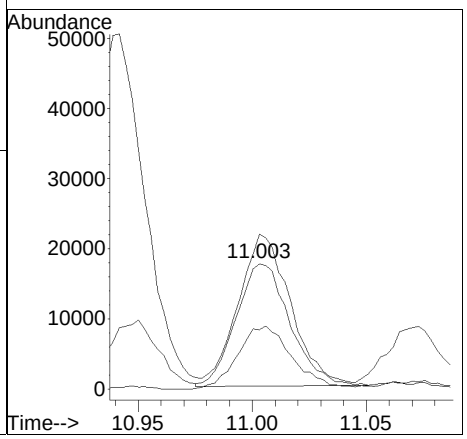


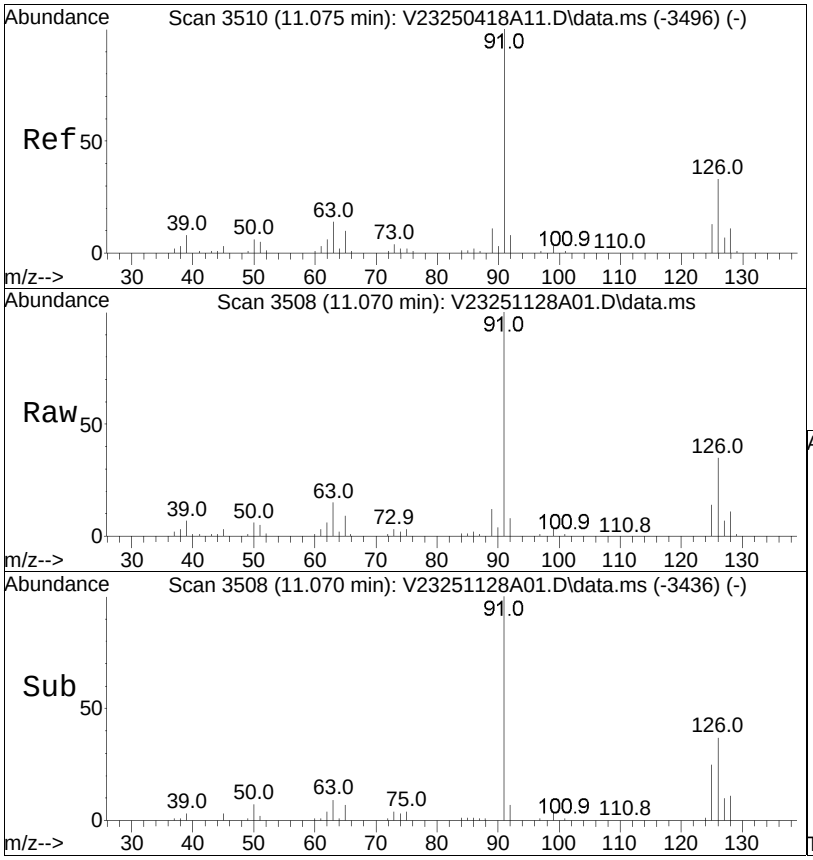


#92
trans-1,4-Dichloro-2-butene
Concen: 35.35 ug/L
RT: 11.003 min Scan# 3484
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 53 Resp: 28501

Ion	Ratio	Lower	Upper
53	100		
88	52.9	45.1	67.7
75	124.4	116.5	174.7

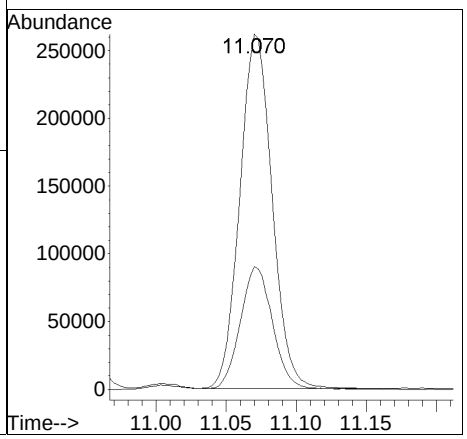


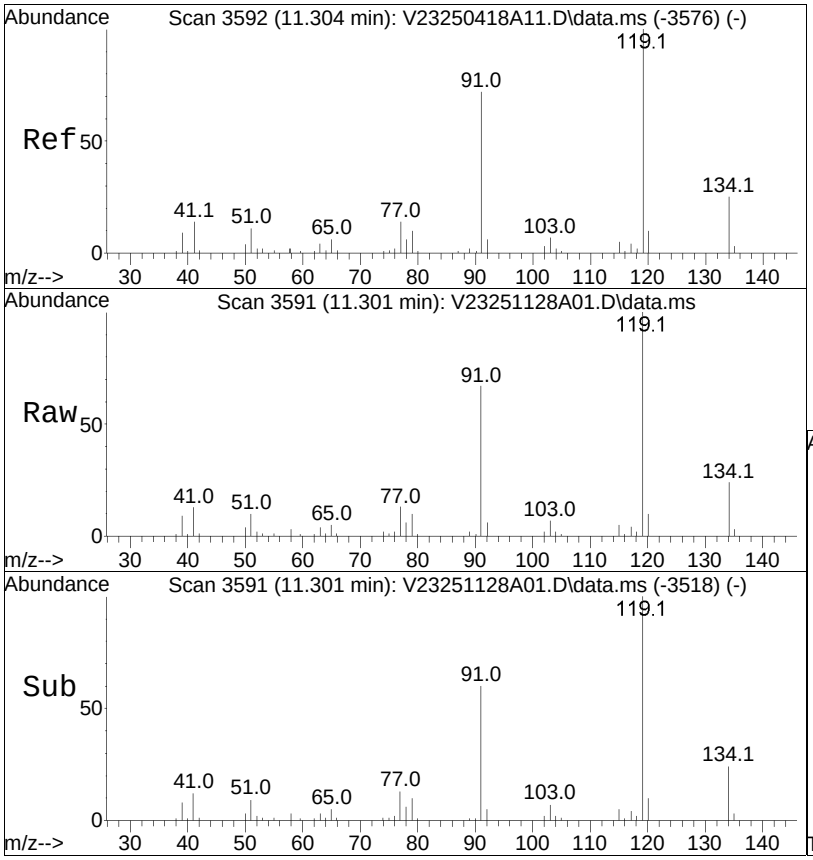


#93
4-Chlorotoluene
Concen: 42.36 ug/L
RT: 11.070 min Scan# 3508
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 91 Resp: 419601

Ion	Ratio	Lower	Upper
91	100		
126	34.4	26.9	40.3

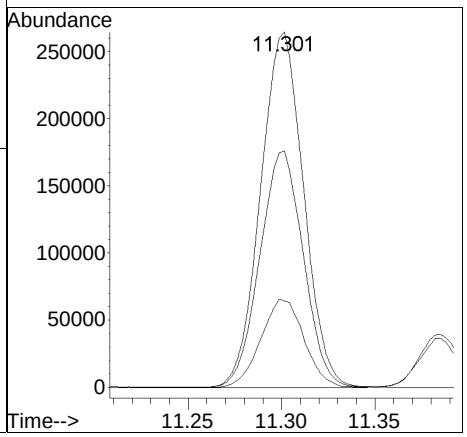


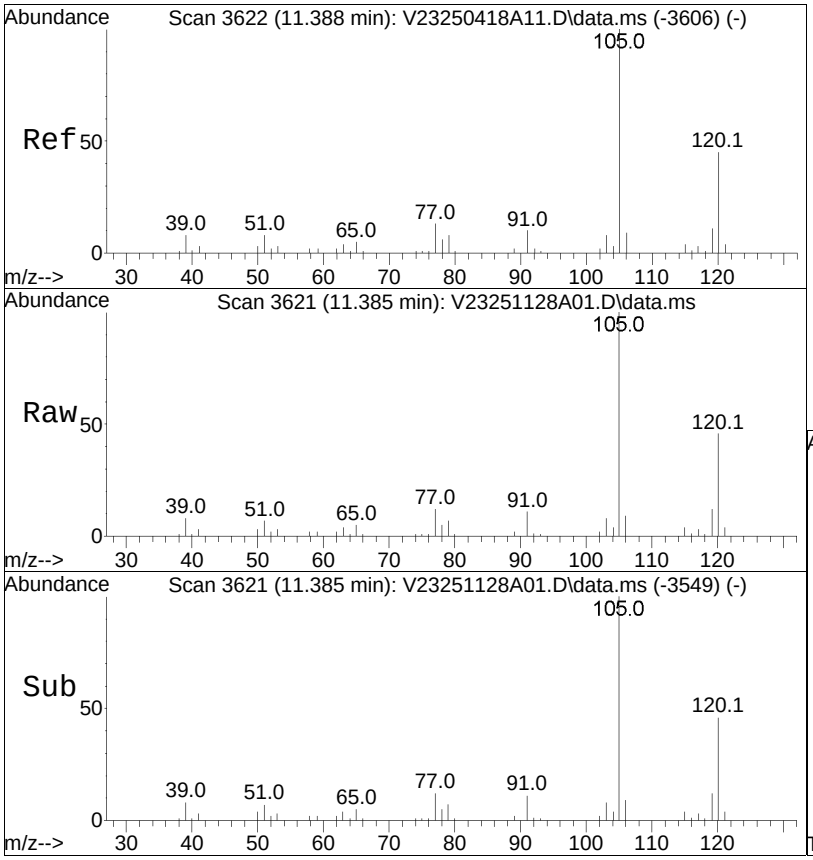


#94
tert-Butylbenzene
Concen: 43.95 ug/L
RT: 11.301 min Scan# 3591
Delta R.T. 0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:119 Resp: 423995

Ion	Ratio	Lower	Upper
119	100		
91	67.0	53.1	79.7
134	24.9	20.4	30.6

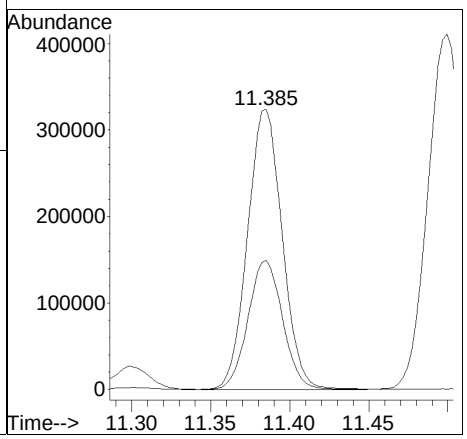


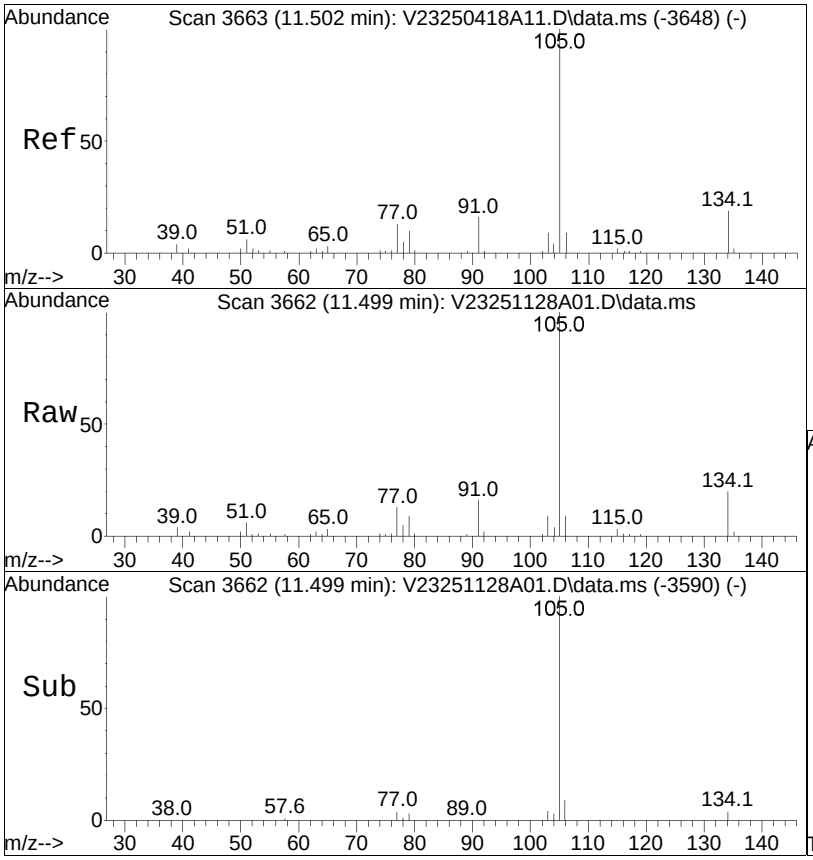


#97
1,2,4-Trimethylbenzene
Concen: 43.19 ug/L
RT: 11.385 min Scan# 3621
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:105 Resp: 494673

Ion	Ratio	Lower	Upper
105	100		
120	45.9	36.9	55.3

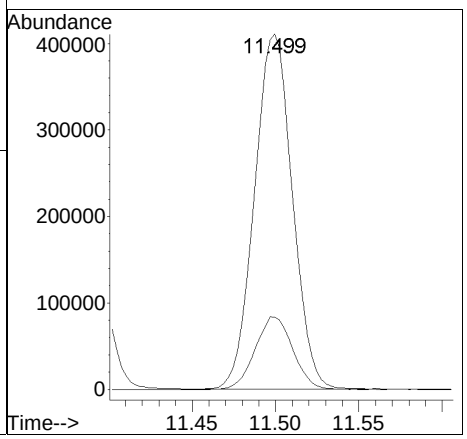


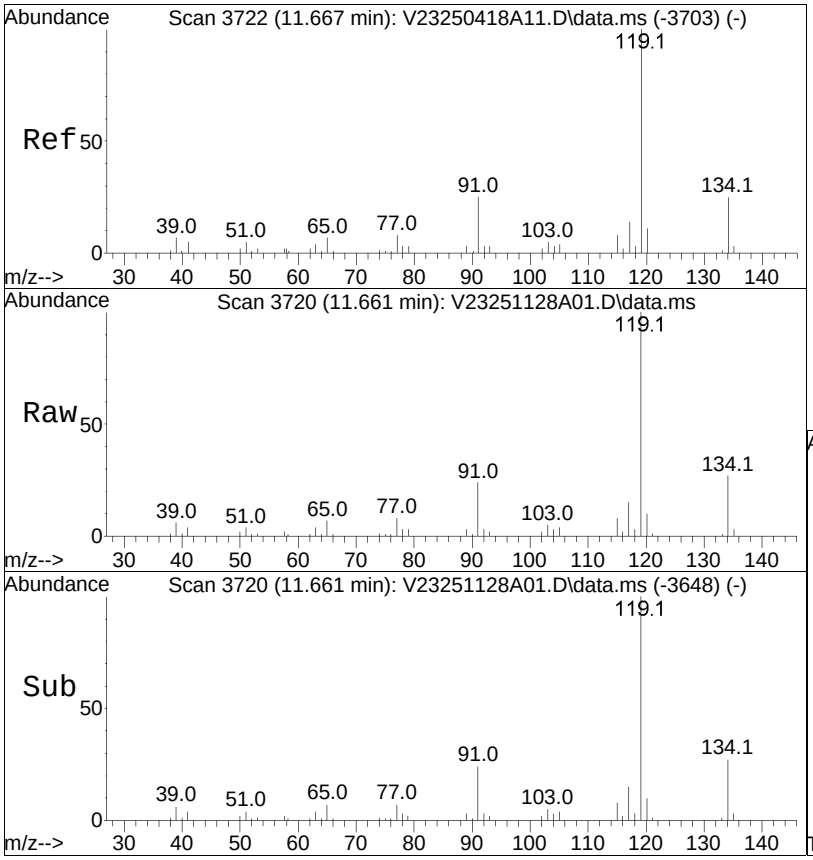


#98
sec-Butylbenzene
Concen: 44.99 ug/L
RT: 11.499 min Scan# 3662
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:105 Resp: 649356

Ion	Ratio	Lower	Upper
105	100		
134	20.3	13.1	27.1

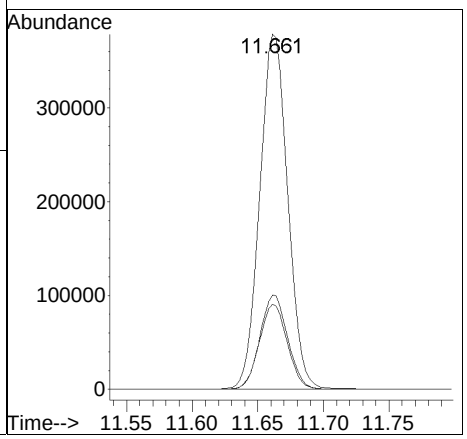


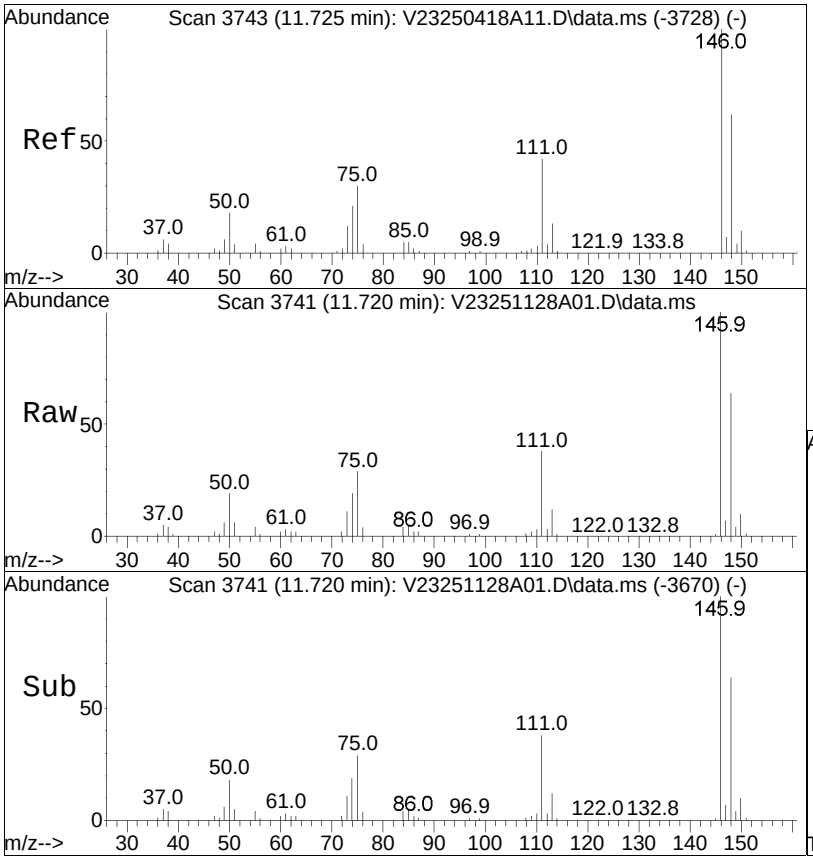


#99
p-Isopropyltoluene
Concen: 45.05 ug/L
RT: 11.661 min Scan# 3720
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:119 Resp: 563095

Ion	Ratio	Lower	Upper
119	100		
134	26.4	17.2	35.6
91	24.1	15.1	31.3

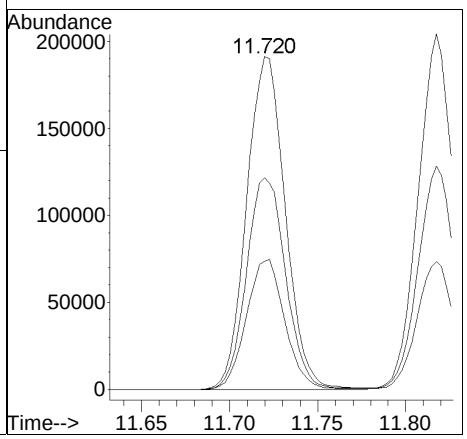


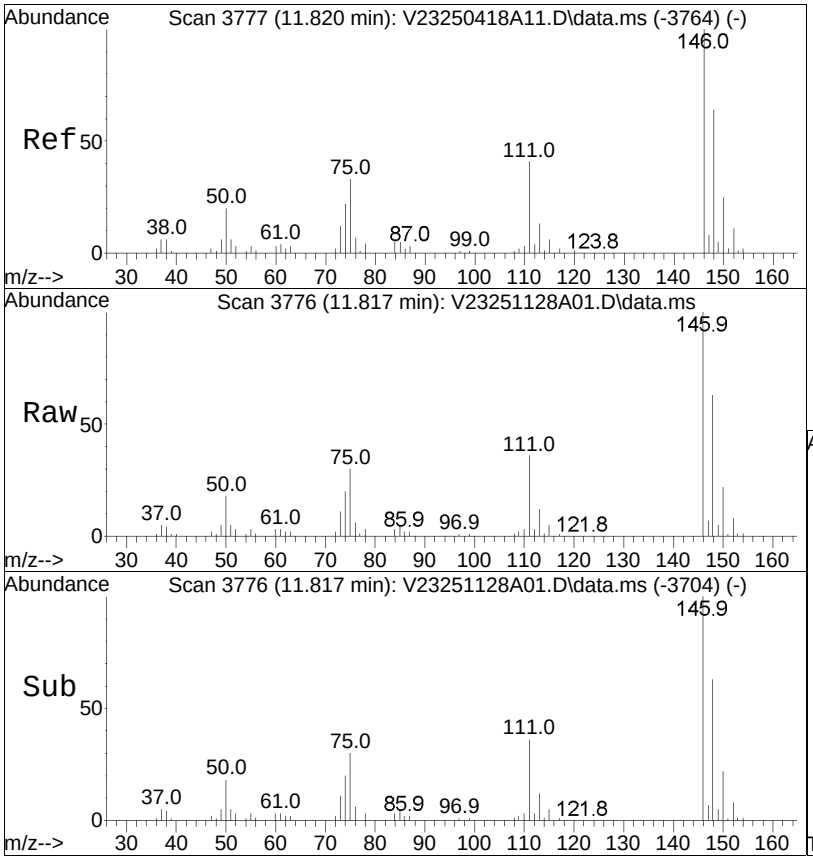


#100
1,3-Dichlorobenzene
Concen: 43.61 ug/L
RT: 11.720 min Scan# 3741
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:146 Resp: 291427

Ion	Ratio	Lower	Upper
146	100		
111	38.9	26.0	54.0
148	64.7	41.4	86.0

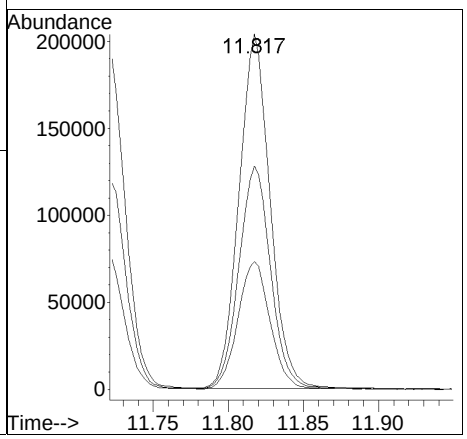


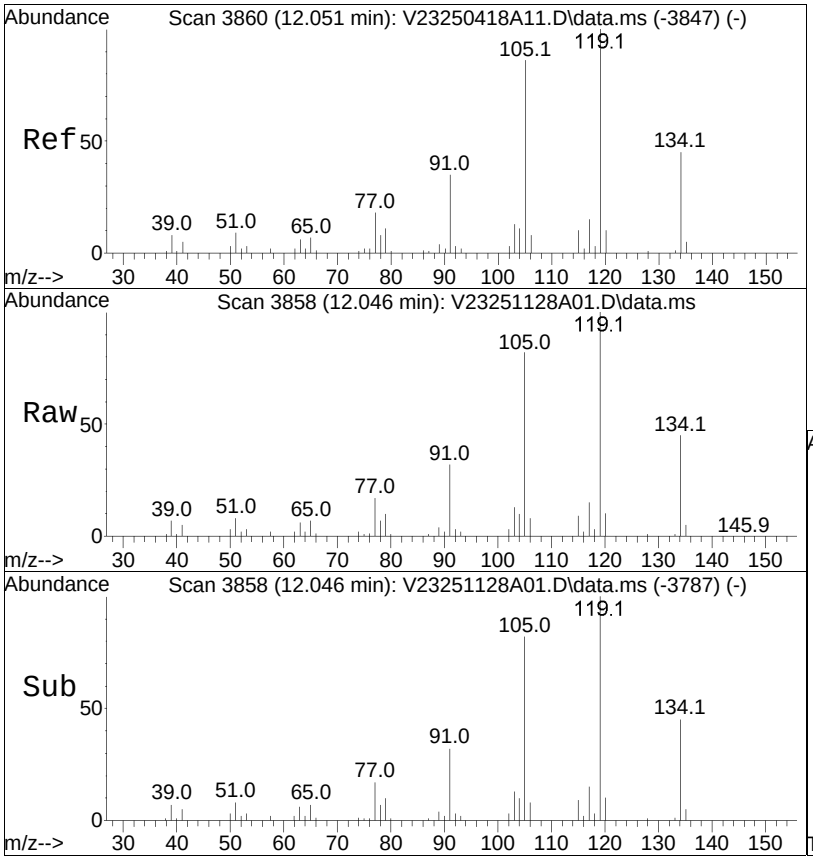


#101
1,4-Dichlorobenzene
Concen: 42.91 ug/L
RT: 11.817 min Scan# 3776
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:146 Resp: 293773

Ion	Ratio	Lower	Upper
146	100		
111	37.1	31.1	46.7
148	64.0	50.8	76.2

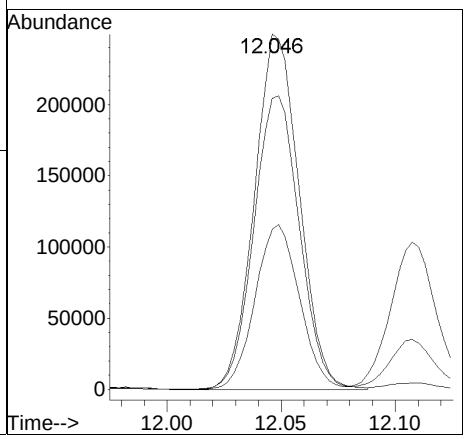


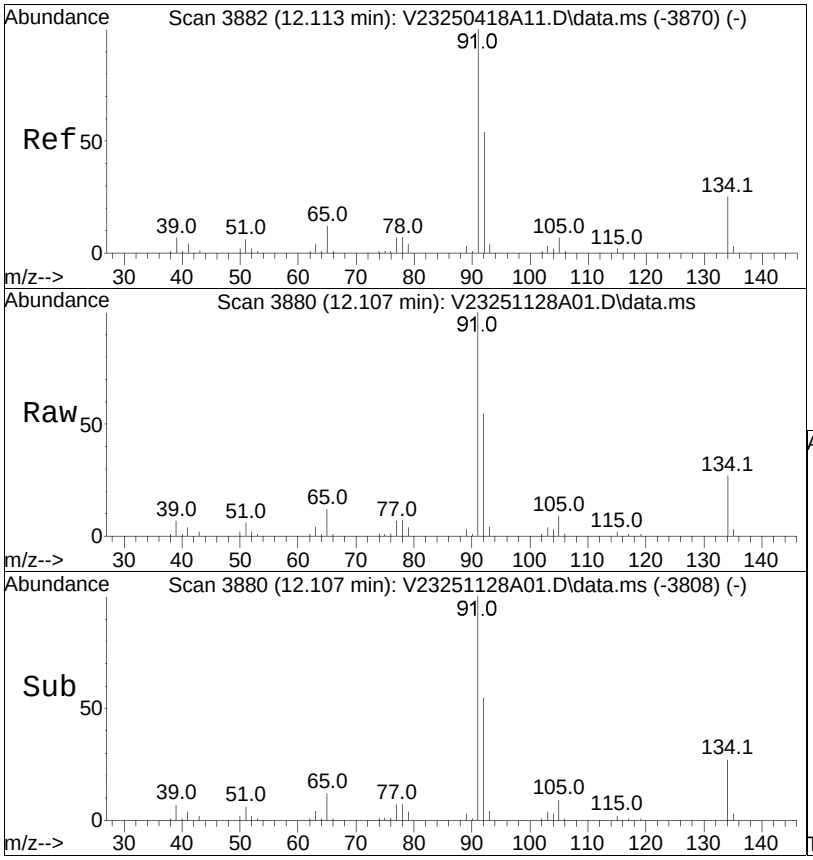


#102
p-Diethylbenzene
Concen: 46.06 ug/L
RT: 12.046 min Scan# 3858
Delta R.T. -0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:119 Resp: 340855

Ion	Ratio	Lower	Upper
119	100		
105	83.8	55.1	114.5
134	46.1	30.0	62.2

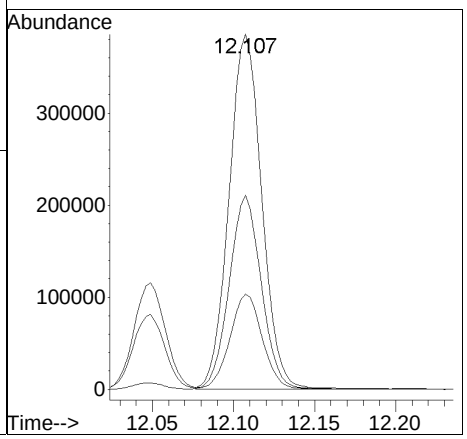


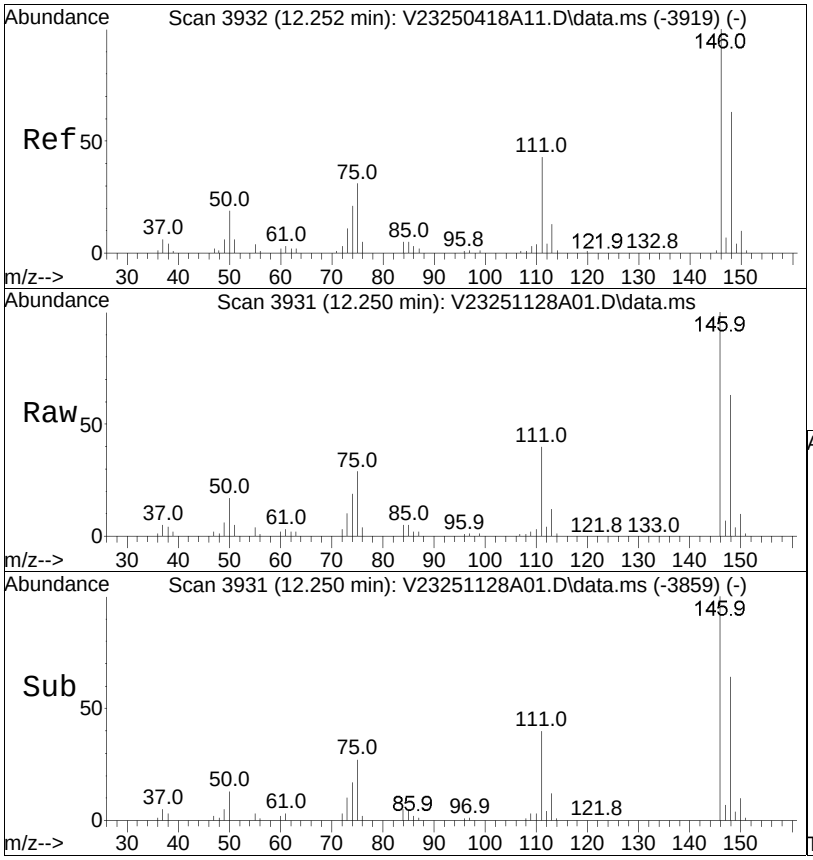


#103
n-Butylbenzene
Concen: 48.10 ug/L
RT: 12.107 min Scan# 3880
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion: 91 Resp: 539306

Ion	Ratio	Lower	Upper
91	100		
92	53.7	44.2	66.4
134	26.7	21.2	31.8

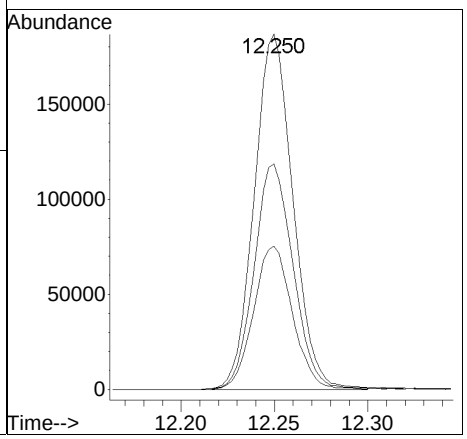


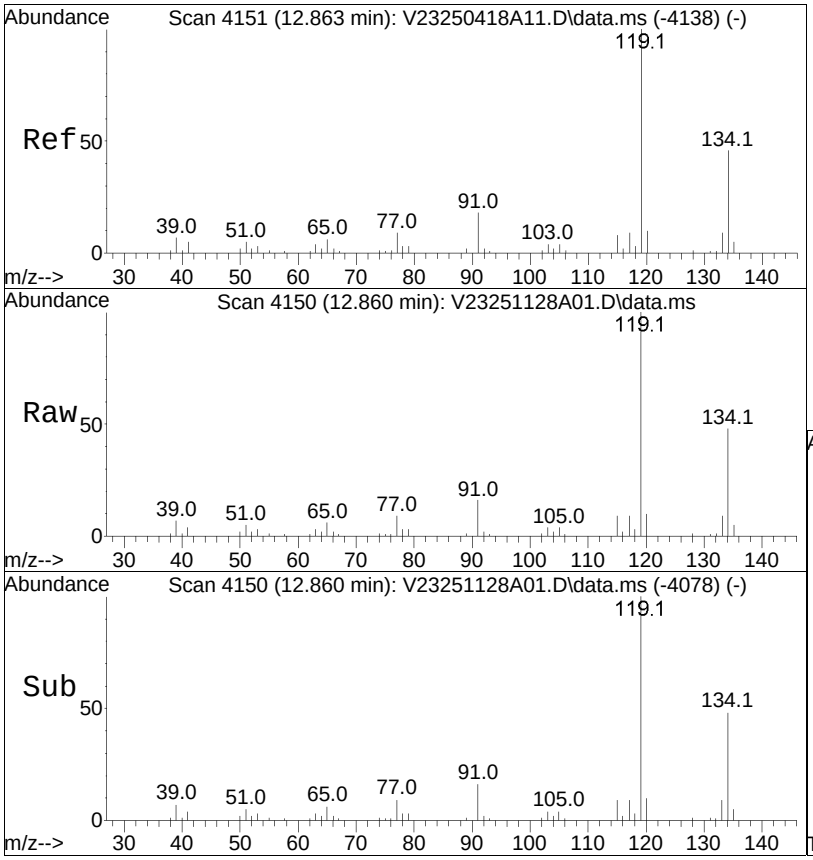


#104
1,2-Dichlorobenzene
Concen: 43.02 ug/L
RT: 12.250 min Scan# 3931
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:146 Resp: 269506

Ion	Ratio	Lower	Upper
146	100		
111	40.5	26.8	55.8
148	64.2	41.3	85.7

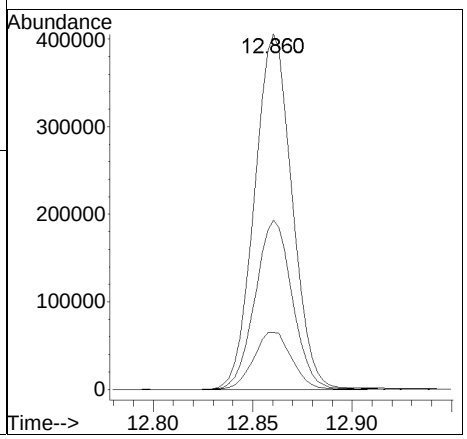


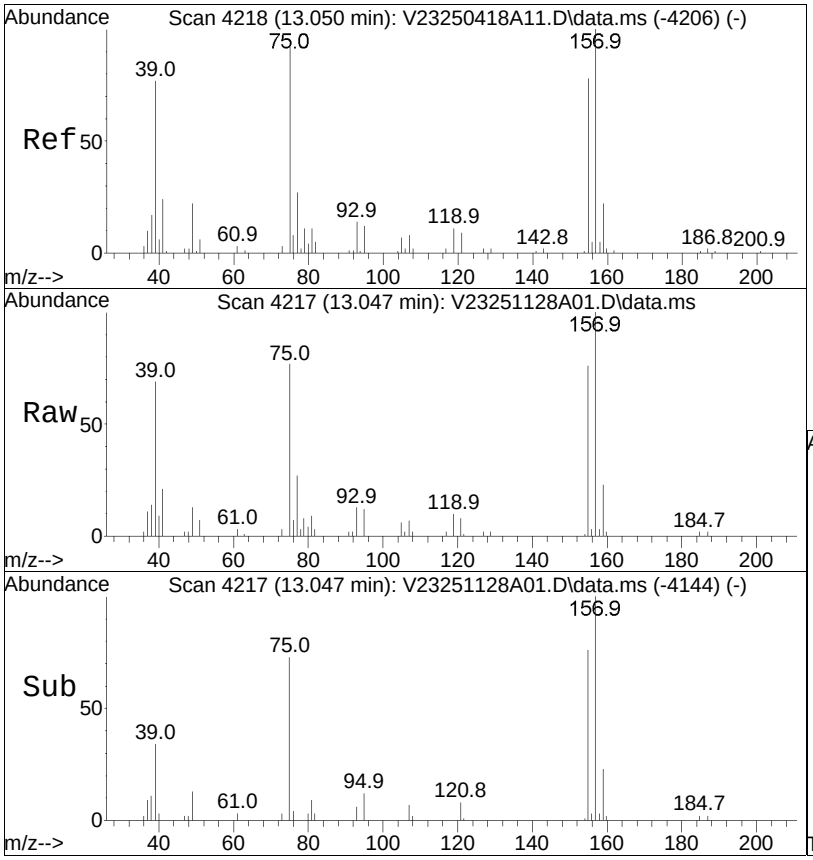


#105
1,2,4,5-Tetramethylbenzene
Concen: 44.14 ug/L
RT: 12.860 min Scan# 4150
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:119 Resp: 531869

Ion	Ratio	Lower	Upper
119	100		
134	47.3	31.3	64.9
91	16.3	10.3	21.3

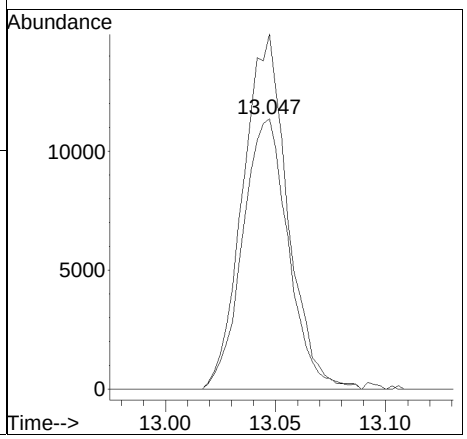


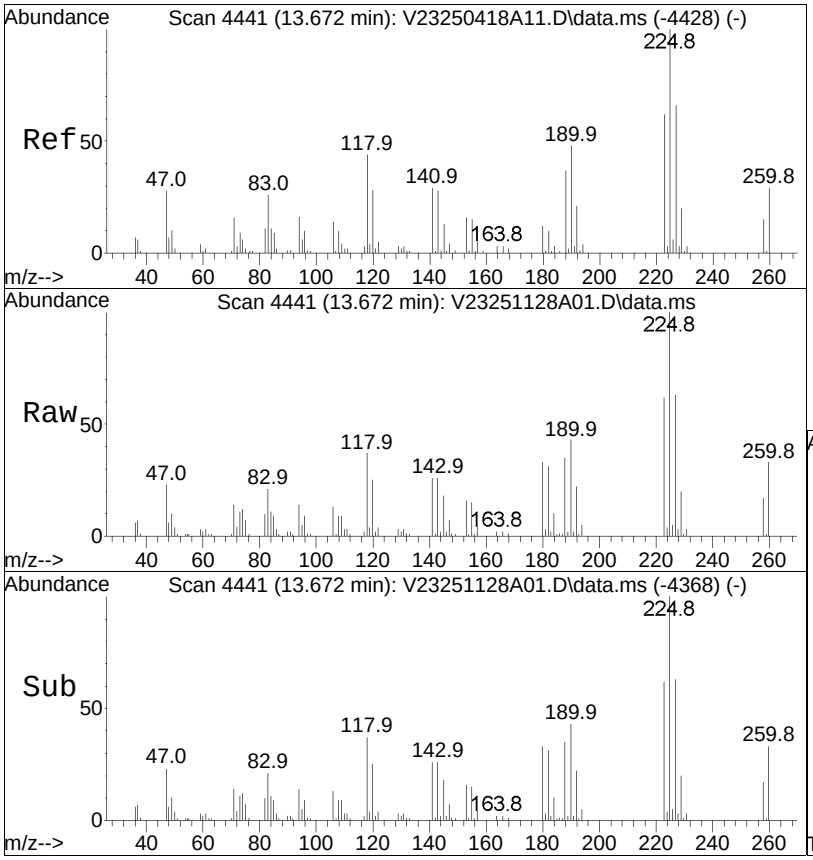


#106
1,2-Dibromo-3-chloropropane
Concen: 37.33 ug/L
RT: 13.047 min Scan# 4217
Delta R.T. 0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:155 Resp: 16482

Ion	Ratio	Lower	Upper
155	100		
157	128.4	101.5	152.3

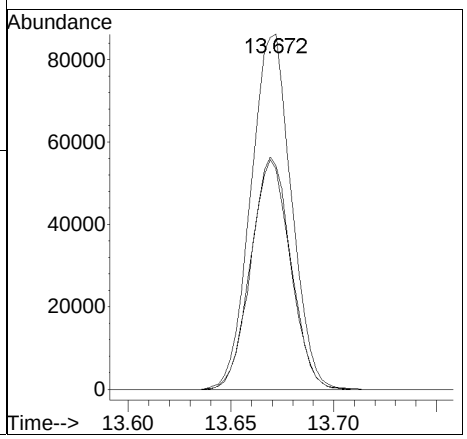


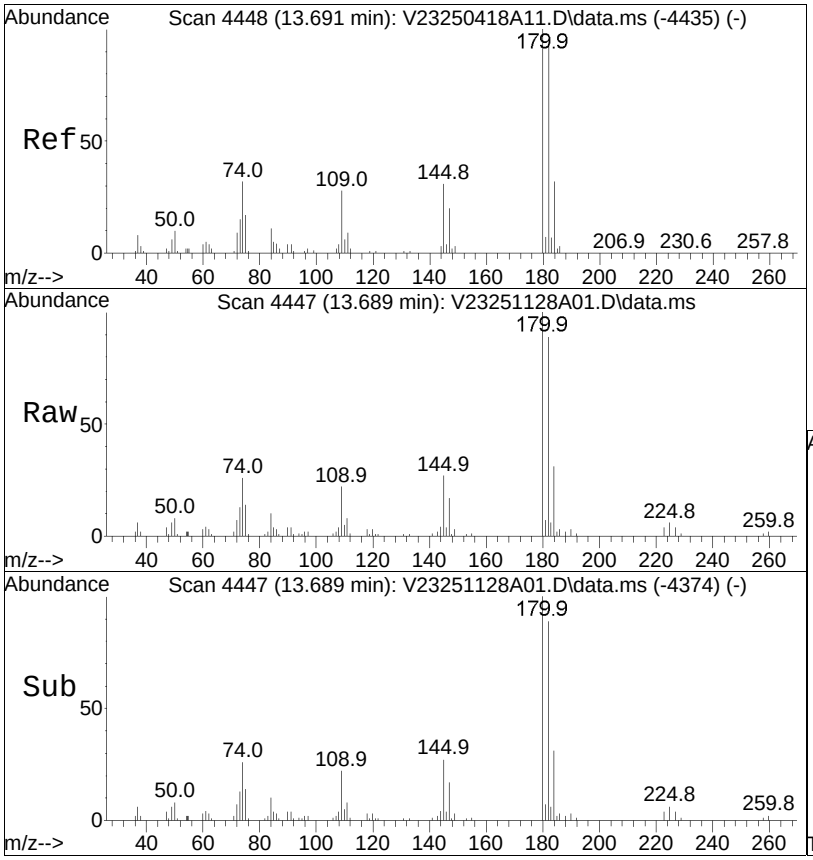


#108
Hexachlorobutadiene
Concen: 46.17 ug/L
RT: 13.672 min Scan# 4441
Delta R.T. 0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:225 Resp: 118321

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.9	74.9
227	64.4	50.7	76.1

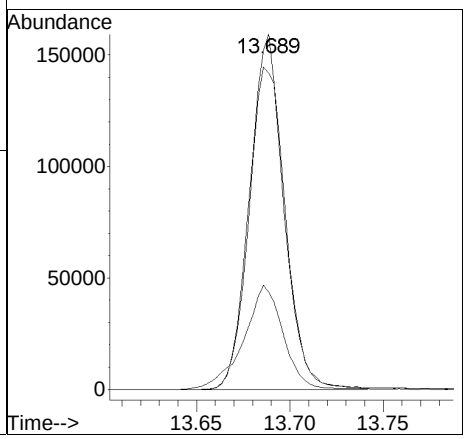


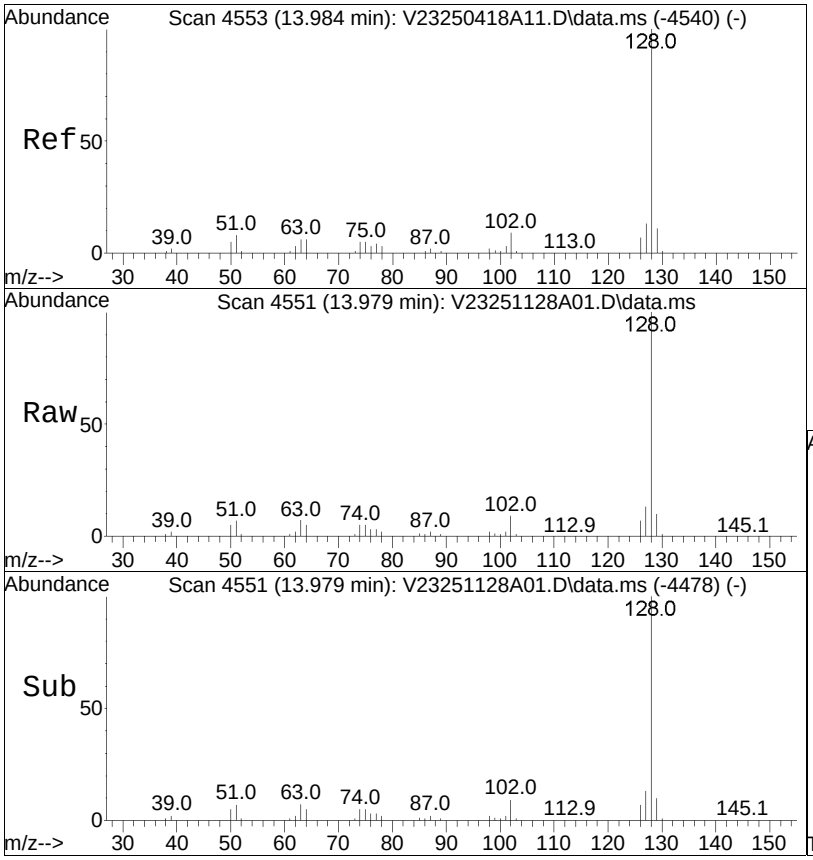


#109
1,2,4-Trichlorobenzene
Concen: 45.76 ug/L
RT: 13.689 min Scan# 4447
Delta R.T. 0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:180 Resp: 206590

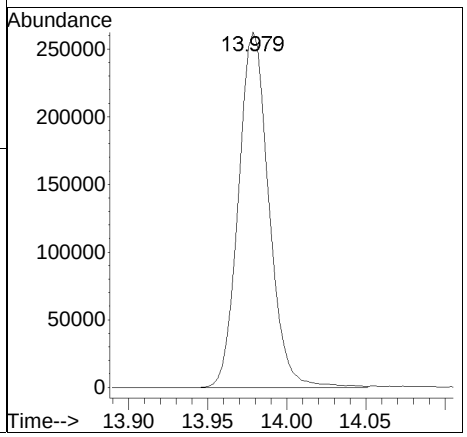
Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.4
145	33.2	27.4	41.2

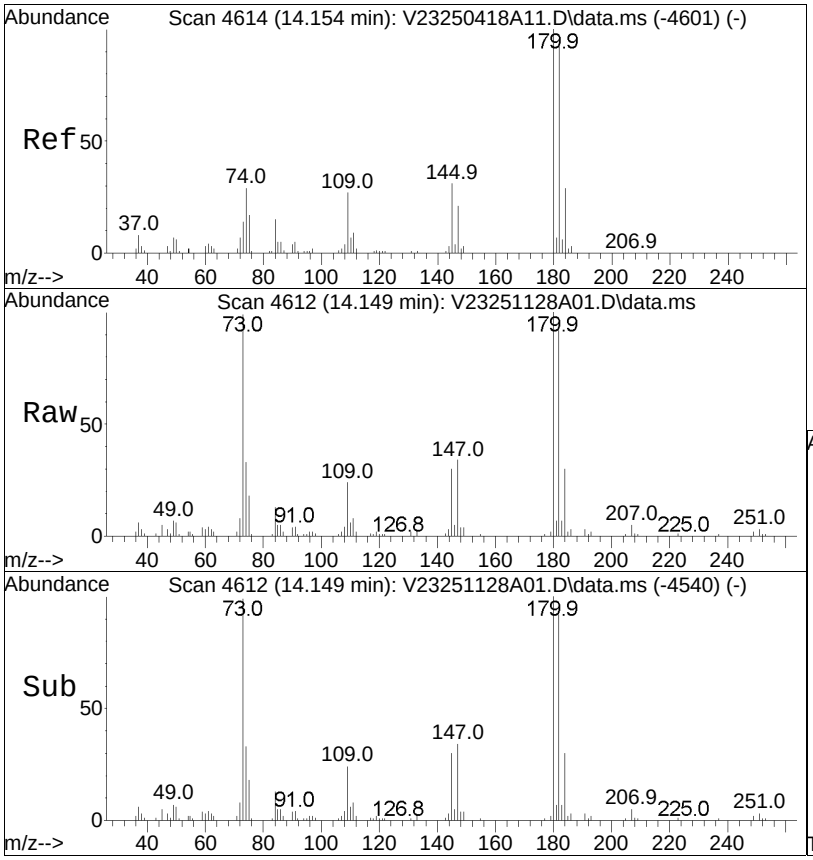




#110
Naphthalene
Concen: 40.68 ug/L
RT: 13.979 min Scan# 4551
Delta R.T. 0.003 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:128 Resp: 351965

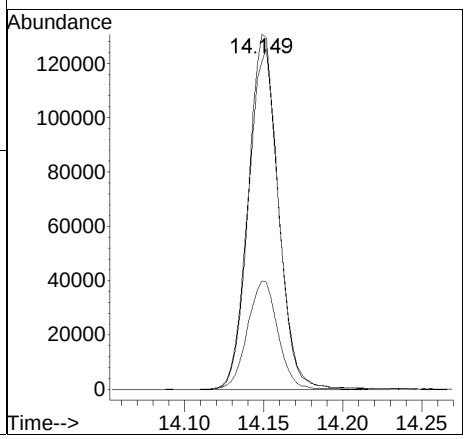




#111
1,2,3-Trichlorobenzene
Concen: 45.14 ug/L
RT: 14.149 min Scan# 4612
Delta R.T. 0.000 min
Lab File: V23251128A01.D
Acq: 28 Nov 2025 08:16 am

Tgt Ion:180 Resp: 174486

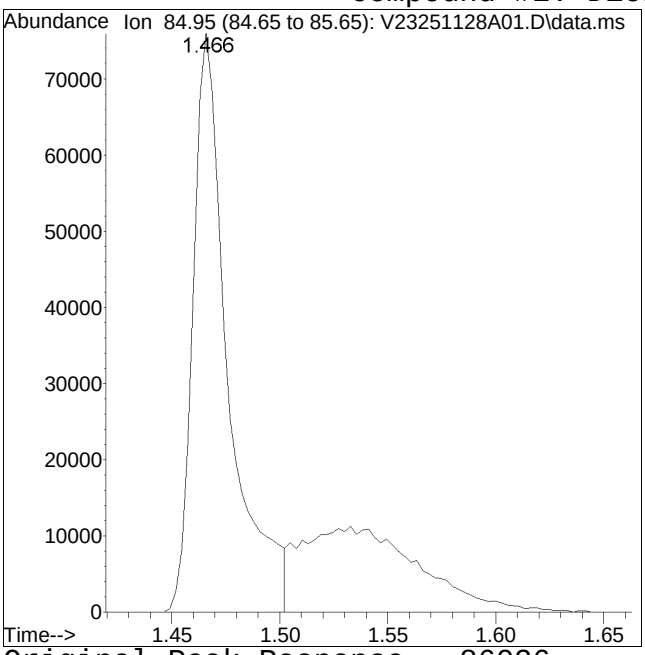
Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.4	113.0
145	30.8	25.2	37.8



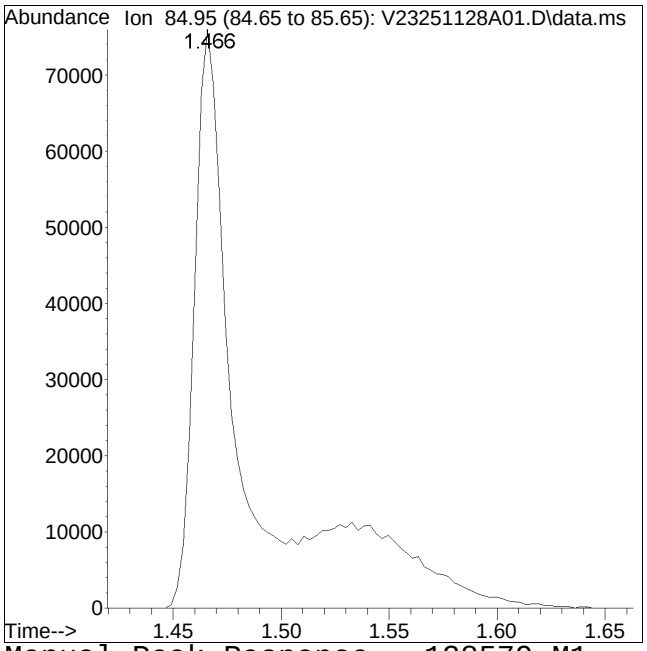
Manual Integration Report

Data Path : K:\VOA123\2025\251128A\ QMethod : V123_251103N_8260.m
Data File : V23251128A01.D Operator : VOA123:AJK
Date Inj'd : 11/28/2025 8:16 am Instrument : VOA123
Sample : WG2148010-3,31h,15,15,0.1 Quant Date : 11/28/2025 8:36 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 86026



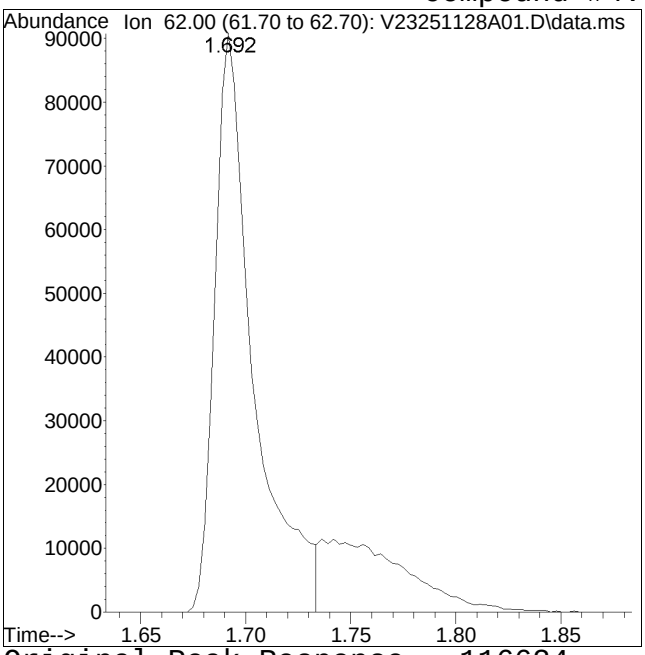
Manual Peak Response = 128579 M1

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

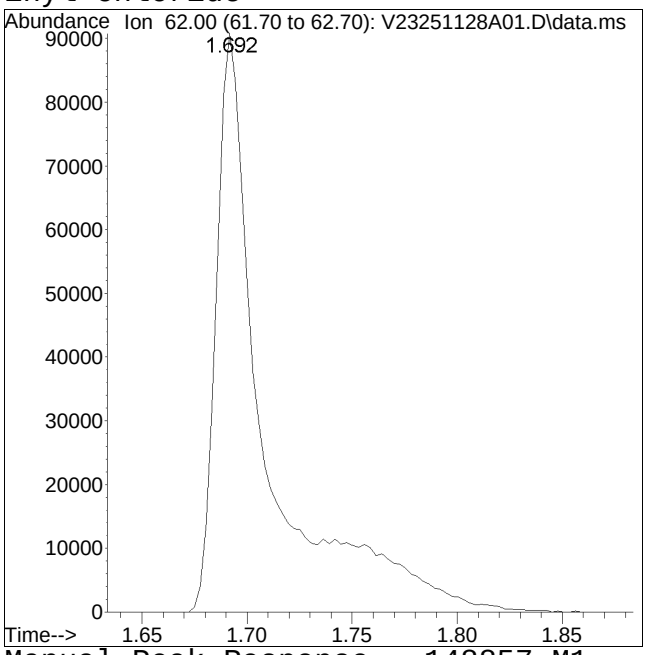
Manual Integration Report

Data Path : K:\VOA123\2025\251128A\ QMethod : V123_251103N_8260.m
Data File : V23251128A01.D Operator : VOA123:AJK
Date Inj'd : 11/28/2025 8:16 am Instrument : VOA123
Sample : WG2148010-3,31h,15,15,0.1 Quant Date : 11/28/2025 8:36 am

Compound #4: Vinyl chloride



Original Peak Response = 116624



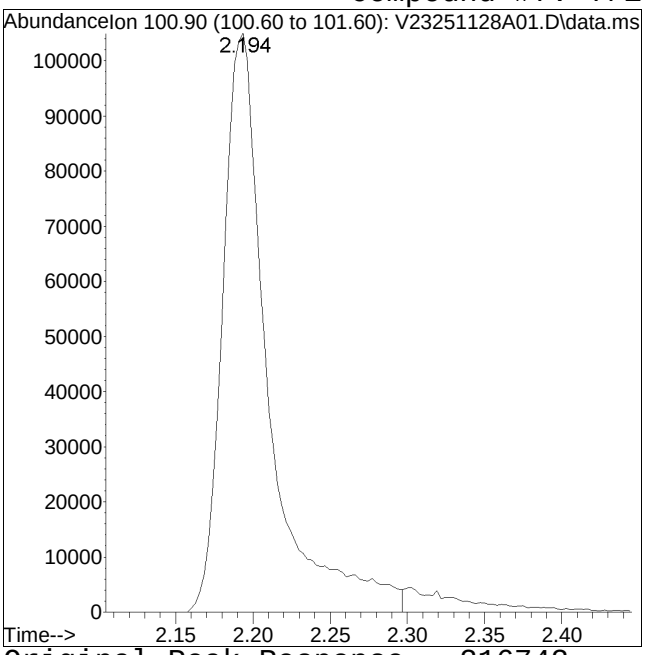
Manual Peak Response = 148857 M1

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

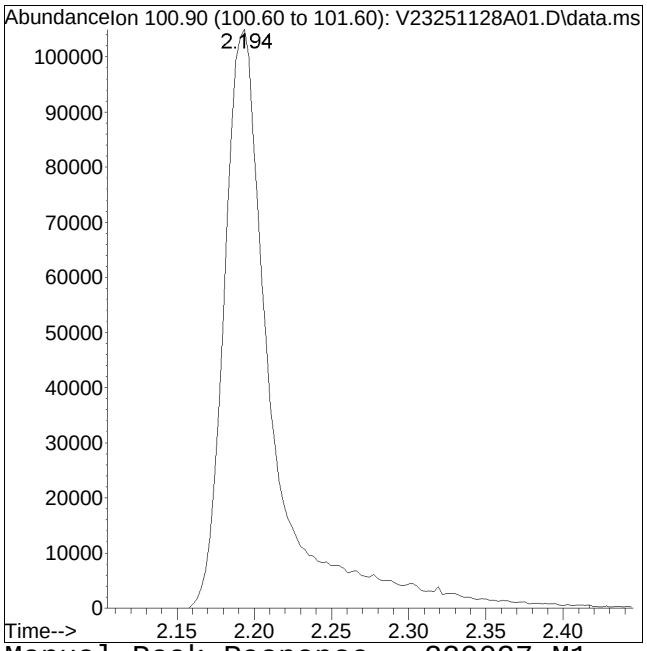
Manual Integration Report

Data Path : K:\VOA123\2025\251128A\ QMethod : V123_251103N_8260.m
Data File : V23251128A01.D Operator : VOA123:AJK
Date Inj'd : 11/28/2025 8:16 am Instrument : VOA123
Sample : WG2148010-3,31h,15,15,0.1 Quant Date : 11/28/2025 8:36 am

Compound #7: Trichlorofluoromethane



Original Peak Response = 216742



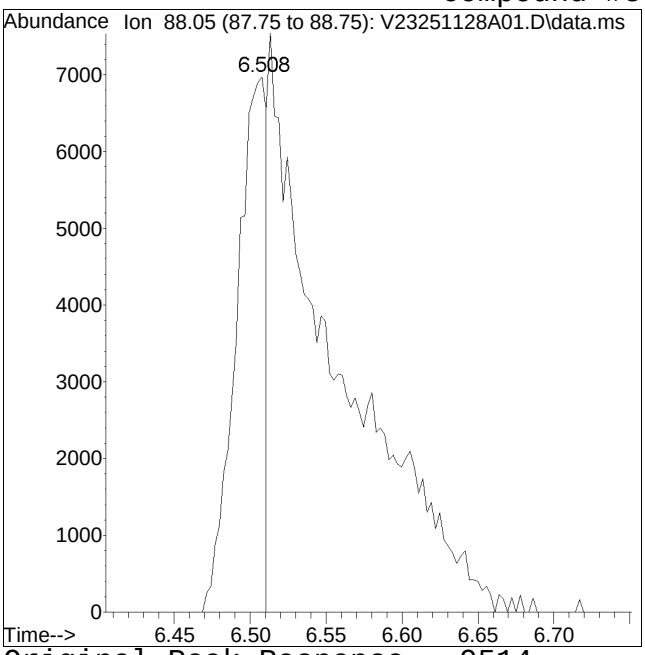
Manual Peak Response = 229037 M1

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

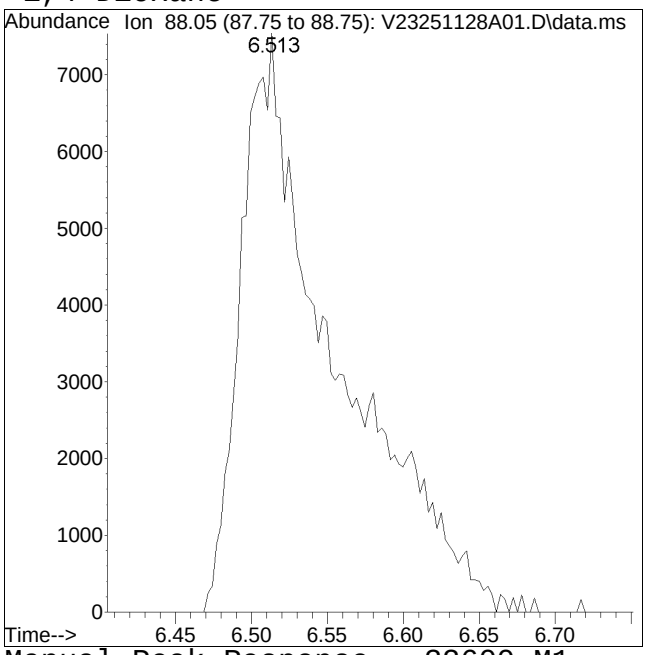
Manual Integration Report

Data Path : K:\VOA123\2025\251128A\ QMethod : V123_251103N_8260.m
Data File : V23251128A01.D Operator : VOA123:AJK
Date Inj'd : 11/28/2025 8:16 am Instrument : VOA123
Sample : WG2148010-3,31h,15,15,0.1 Quant Date : 11/28/2025 8:36 am

Compound #57: 1,4-Dioxane



Original Peak Response = 9514



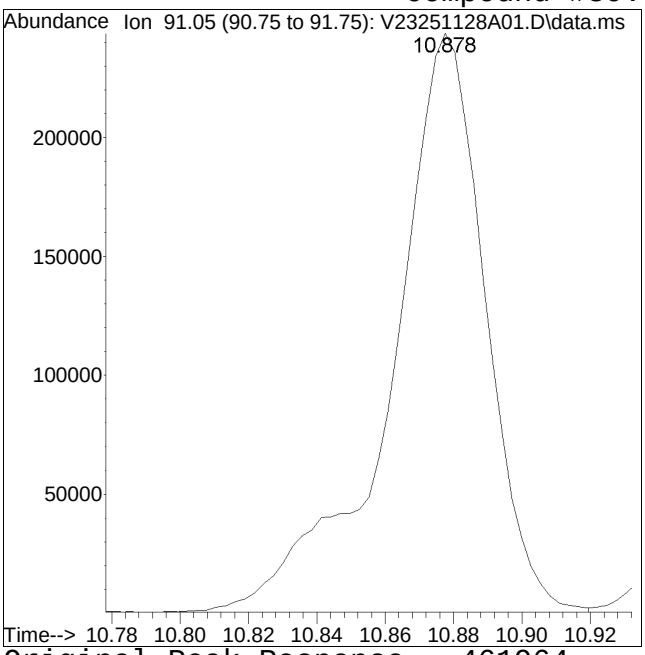
Manual Peak Response = 32600 M1

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

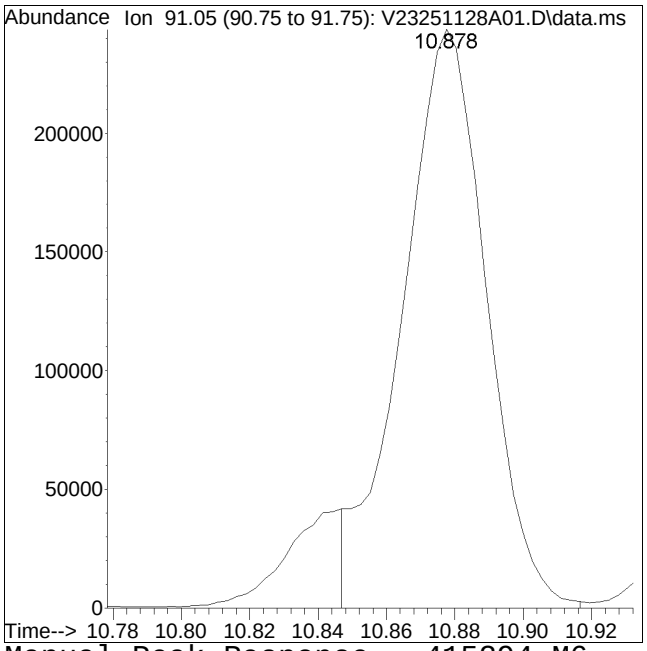
Manual Integration Report

Data Path : K:\VOA123\2025\251128A\ QMethod : V123_251103N_8260.m
Data File : V23251128A01.D Operator : VOA123:AJK
Date Inj'd : 11/28/2025 8:16 am Instrument : VOA123
Sample : WG2148010-3,31h,15,15,0.1 Quant Date : 11/28/2025 8:36 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 461964



Manual Peak Response = 415294 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147003-3,31,5,5
Misc : WG2147003,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.248	96	204110	20.000	ug/L	0.00
Standard Area 1 = 204110			Recovery = 100.00%			
59) Chlorobenzene-d5	9.803	117	167631	20.000	ug/L	0.00
Standard Area 1 = 167631			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.456	152	107503	20.000	ug/L	0.00
Standard Area 1 = 107503			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.425	113	51980	18.939	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.69%			
43) 1,2-Dichloroethane-d4	5.965	65	70943	25.307	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 126.54%			
60) Toluene-d8	7.947	98	198565	19.201	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.01%			
83) 4-Bromofluorobenzene	11.266	95	82411	18.281	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.755	85	101613	42.663	ug/L	99
3) Chloromethane	1.954	50	96587	35.199	ug/L	99
4) Vinyl chloride	2.033	62	82126	26.178	ug/L	97
5) Bromomethane	2.363	94	59169	20.496	ug/L	93
6) Chloroethane	2.489	64	57408	24.552	ug/L	97
7) Trichlorofluoromethane	2.630	101	146898	33.939	ug/L	99
8) Ethyl ether	2.940	74	57011	28.224	ug/L	89
10) 1,1-Dichloroethene	3.139	96	66669	25.185	ug/L	94
11) Carbon disulfide	3.170	76	238035	24.335	ug/L	99
15) Methylene chloride	3.700	84	86923	30.865	ug/L	90
17) Acetone	3.747	43	56151	54.249	ug/L #	38
18) trans-1,2-Dichloroethene	3.857	96	80222	31.935	ug/L	99
20) Methyl tert-butyl ether	3.962	73	334886	43.185	ug/L	97
23) 1,1-Dichloroethane	4.455	63	169341	37.838	ug/L	99
25) Acrylonitrile	4.502	53	37269	42.950	ug/L #	89
27) Vinyl acetate	4.691	43	257504	52.497	ug/L	97
28) cis-1,2-Dichloroethene	4.984	96	93256	33.654	ug/L	91
29) 2,2-Dichloropropane	5.084	77	151801	40.236	ug/L	94
30) Bromochloromethane	5.178	128	50001	37.396	ug/L	95
32) Chloroform	5.241	83	179358	38.897	ug/L	98

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147003-3,31,5,5
Misc : WG2147003,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	5.383	117	146812	44.783	ug/L		98
37) 1,1,1-Trichloroethane	5.456	97	157633	43.954	ug/L		99
39) 2-Butanone	5.551	43	49628	49.667	ug/L	#	15
40) 1,1-Dichloropropene	5.577	75	119269	39.531	ug/L		99
41) Benzene	5.823	78	355672	37.550	ug/L		98
44) 1,2-Dichloroethane	6.028	62	161285	50.735	ug/L		99
48) Trichloroethene	6.426	95	94921	37.732	ug/L		98
50) Dibromomethane	6.867	93	63793	40.064	ug/L	#	86
51) 1,2-Dichloropropane	6.977	63	97259	39.372	ug/L	#	93
54) Bromodichloromethane	7.040	83	153862	44.989	ug/L		99
57) 1,4-Dioxane	7.260	88	63495	2167.957	ug/L		99
58) cis-1,3-Dichloropropene	7.737	75	162502	41.801	ug/L		98
61) Toluene	8.010	92	240135	38.046	ug/L		97
62) 4-Methyl-2-pentanone	8.440	58	39633	42.102	ug/L		95
63) Tetrachloroethene	8.461	166	102816	41.345	ug/L		99
65) trans-1,3-Dichloropropene	8.487	75	168315	46.181	ug/L		93
68) 1,1,2-Trichloroethane	8.670	83	77880	42.502	ug/L		97
69) Chlorodibromomethane	8.885	129	121957	45.435	ug/L		98
70) 1,3-Dichloropropane	9.001	76	167584	43.652	ug/L		99
71) 1,2-Dibromoethane	9.168	107	96900	43.045	ug/L		99
72) 2-Hexanone	9.451	43	75738	41.074	ug/L		96
73) Chlorobenzene	9.824	112	268903	37.113	ug/L	#	87
74) Ethylbenzene	9.855	91	438050	36.226	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.908	131	111508	42.627	ug/L		94
76) p/m Xylene	10.044	106	364940	75.333	ug/L		100
77) o Xylene	10.573	106	364483	75.669	ug/L		99
78) Styrene	10.636	104	594324	73.184	ug/L		98
80) Bromoform	10.657	173	91681	42.880	ug/L		99
82) Isopropylbenzene	10.940	105	472496	35.144	ug/L		99
84) Bromobenzene	11.376	156	128780	35.484	ug/L		100
85) n-Propylbenzene	11.412	91	545597	35.127	ug/L		99
87) 1,1,2,2-Tetrachloroethane	11.496	83	141136	38.493	ug/L		95
88) 4-Ethyltoluene	11.533	105	485197	35.359	ug/L		99
89) 2-Chlorotoluene	11.580	91	348350	36.635	ug/L		98
90) 1,3,5-Trimethylbenzene	11.627	105	440240	37.597	ug/L		97
91) 1,2,3-Trichloropropane	11.638	75	127990	43.305	ug/L		97
92) trans-1,4-Dichloro-2-b...	11.685	53	50301	47.226	ug/L		91
93) 4-Chlorotoluene	11.764	91	368181	36.761	ug/L		97
94) tert-Butylbenzene	11.968	119	368130	36.397	ug/L		95

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147003-3,31,5,5
Misc : WG2147003,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	12.041	105	442805	38.338	ug/L	97
98)	sec-Butylbenzene	12.157	105	544737	37.235	ug/L	97
99)	p-Isopropyltoluene	12.304	119	483772	36.828	ug/L	99
100)	1,3-Dichlorobenzene	12.382	146	263450	37.576	ug/L	98
101)	1,4-Dichlorobenzene	12.471	146	270698	37.242	ug/L	100
102)	p-Diethylbenzene	12.676	119	285268	35.933	ug/L	98
103)	n-Butylbenzene	12.734	91	429561	38.772	ug/L	97
104)	1,2-Dichlorobenzene	12.891	146	259353	38.656	ug/L	99
105)	1,2,4,5-Tetramethylben...	13.462	119	446359	35.261	ug/L	96
106)	1,2-Dibromo-3-chloropr...	13.662	155	31225	42.569	ug/L	95
108)	Hexachlorobutadiene	14.265	225	105509	45.683	ug/L	99
109)	1,2,4-Trichlorobenzene	14.291	180	184427	39.585	ug/L	100
110)	Naphthalene	14.584	128	461008	36.611	ug/L	100
111)	1,2,3-Trichlorobenzene	14.752	180	185354	40.898	ug/L	97

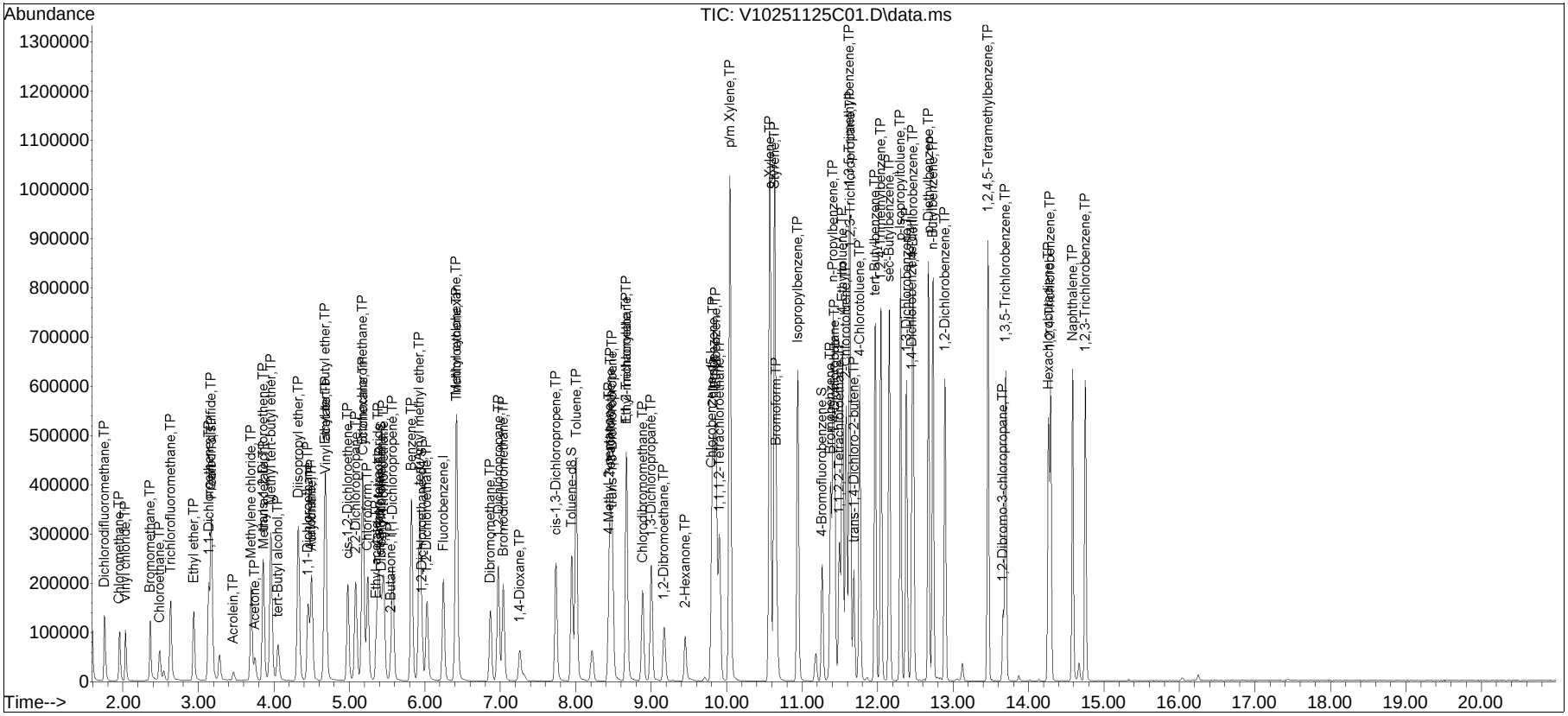
(#) = qualifier out of range (m) = manual integration (+) = signals summed

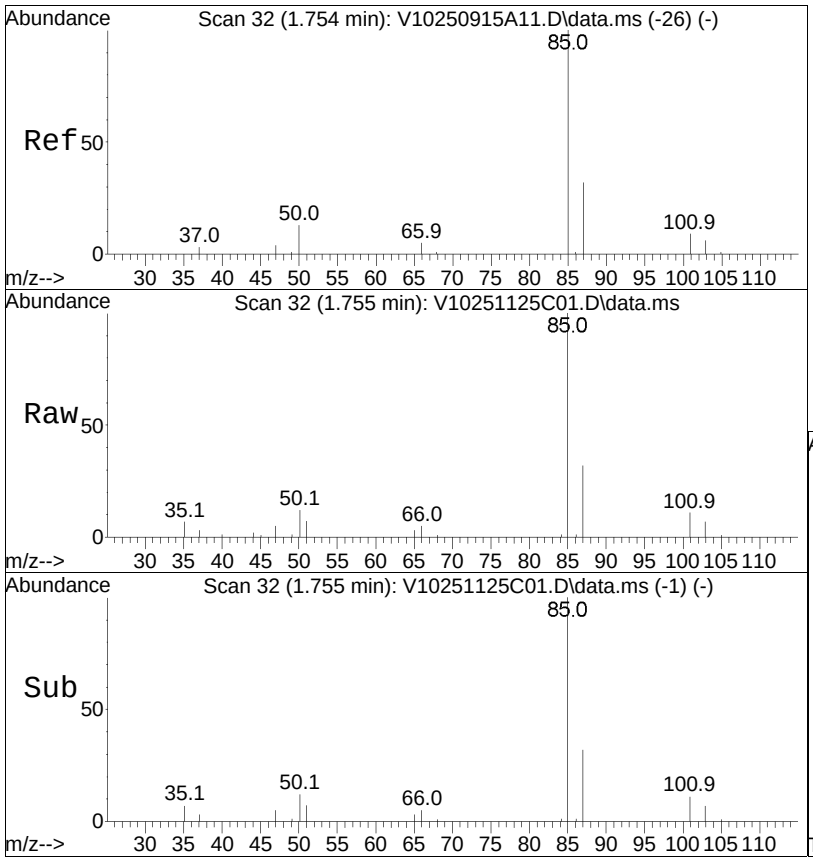
Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147003-3,31,5,5
Misc : WG2147003,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

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

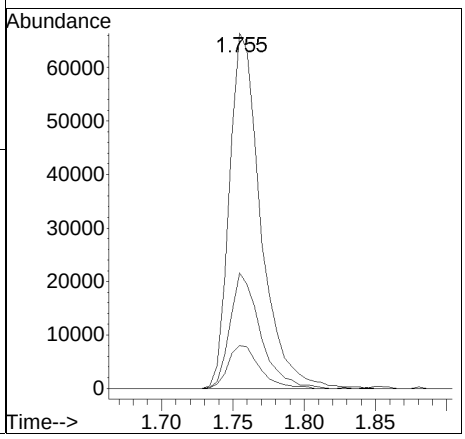


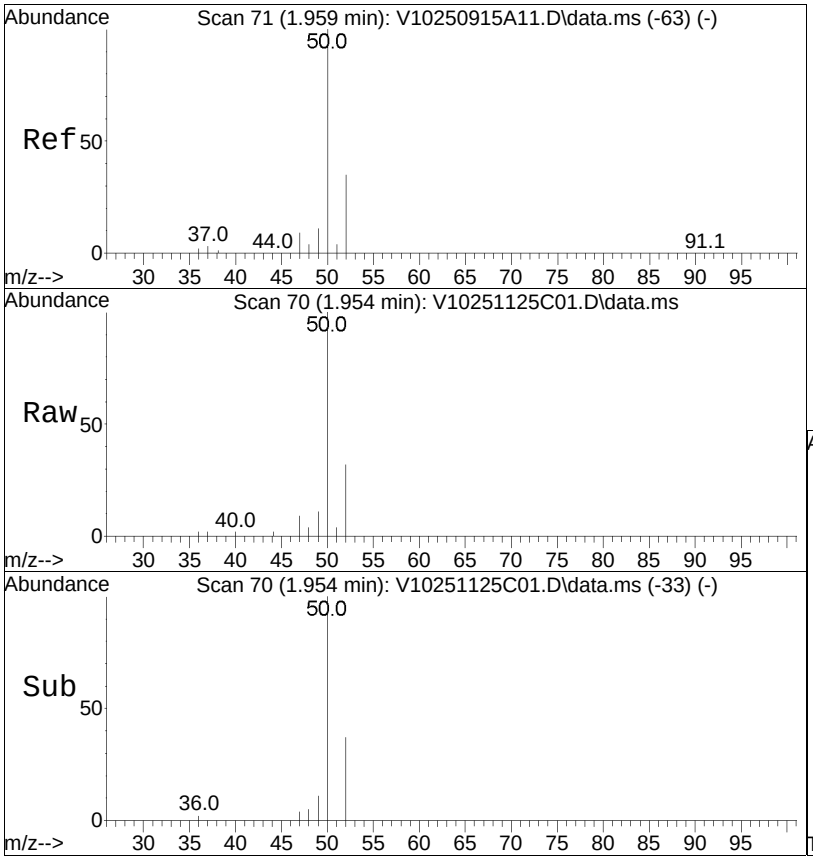


#2
Dichlorodifluoromethane
Concen: 42.66 ug/L
RT: 1.755 min Scan# 32
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 85 Resp: 101613

Ion	Ratio	Lower	Upper
85	100		
87	31.4	20.3	42.1
50	12.3	8.5	17.6

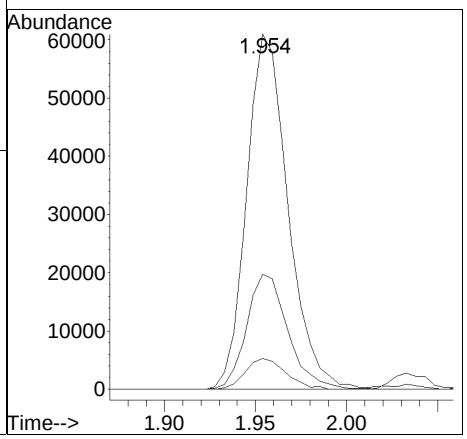


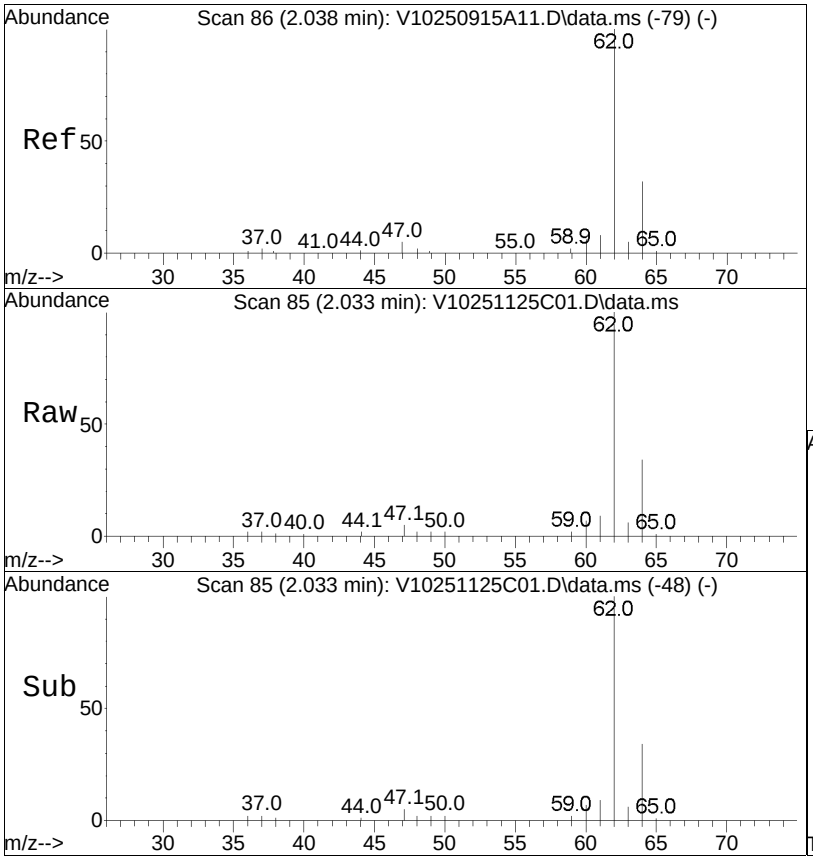


#3
Chloromethane
Concen: 35.20 ug/L
RT: 1.954 min Scan# 70
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 50 Resp: 96587

Ion	Ratio	Lower	Upper
50	100		
52	32.4	13.2	53.2
47	8.6	0.0	28.3

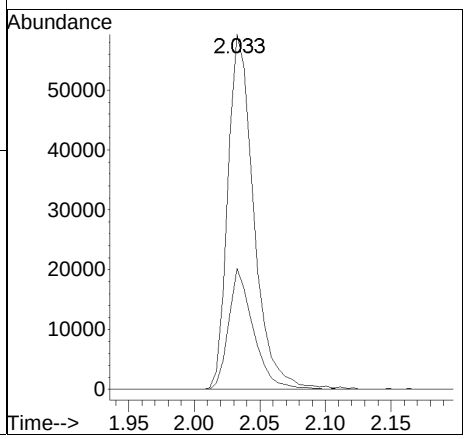


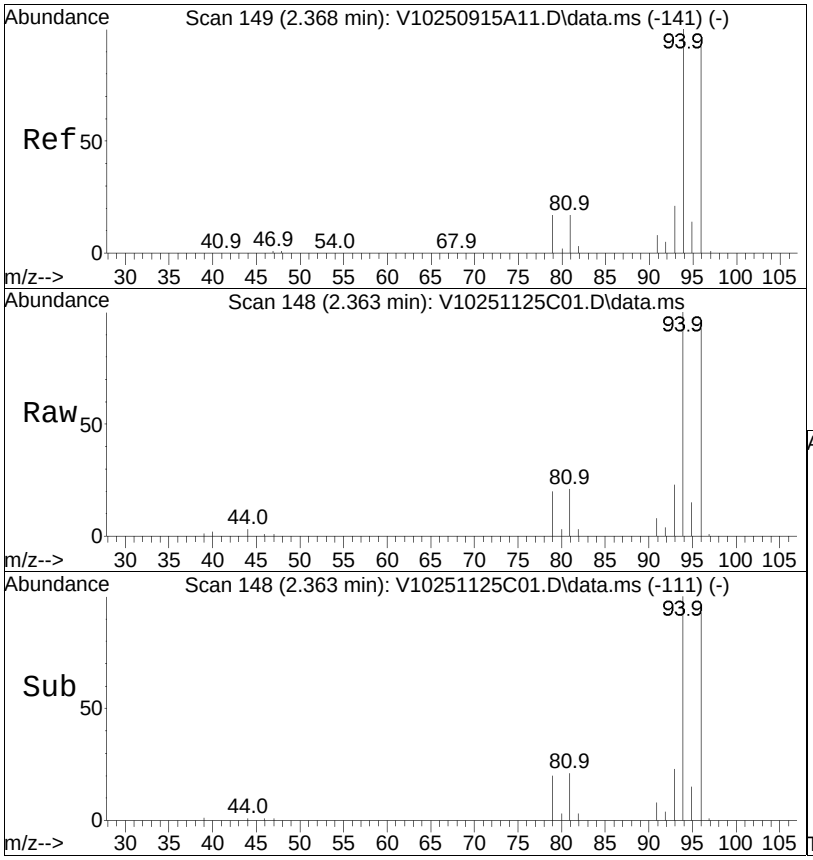


#4
Vinyl chloride
Concen: 26.18 ug/L
RT: 2.033 min Scan# 85
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 62 Resp: 82126

Ion	Ratio	Lower	Upper
62	100		
64	32.4	10.5	50.5

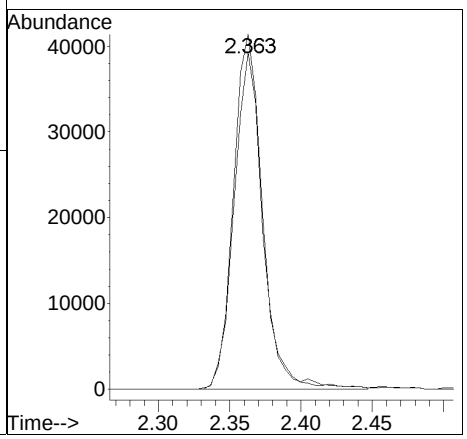


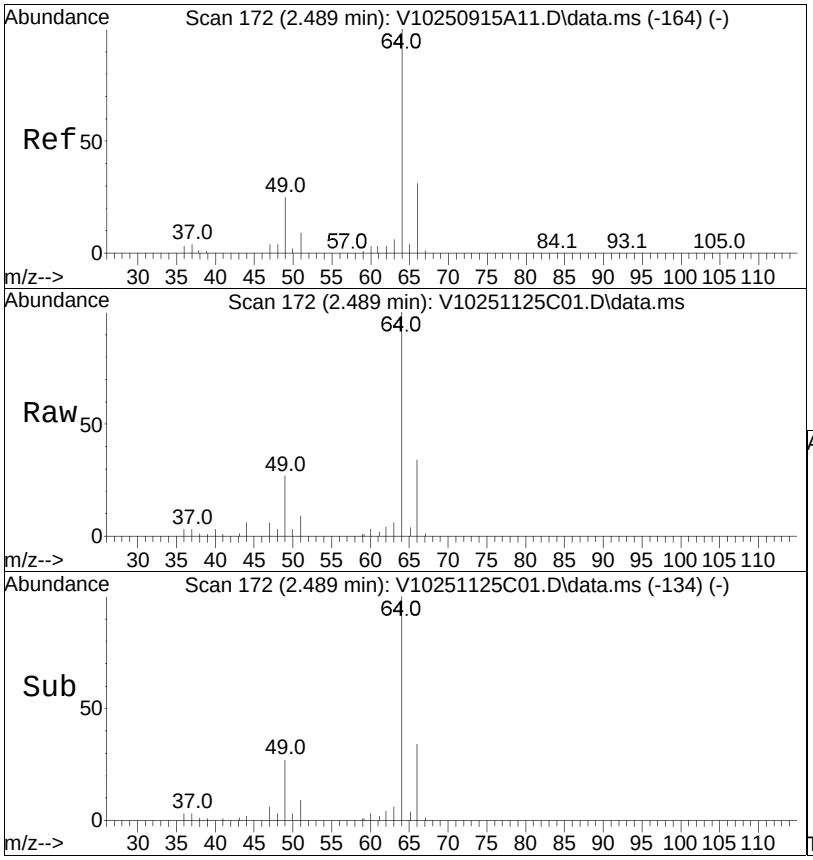


#5
Bromomethane
Concen: 20.50 ug/L
RT: 2.363 min Scan# 148
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 94 Resp: 59169

Ion	Ratio	Lower	Upper
94	100		
96	94.0	67.4	107.4

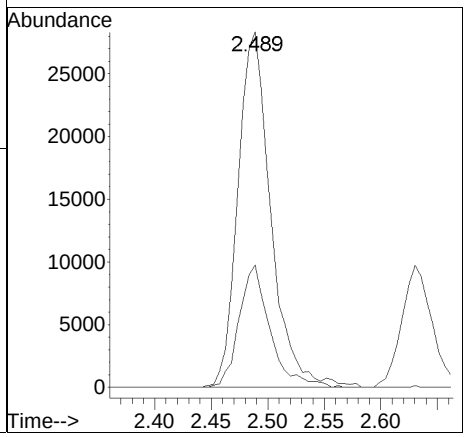


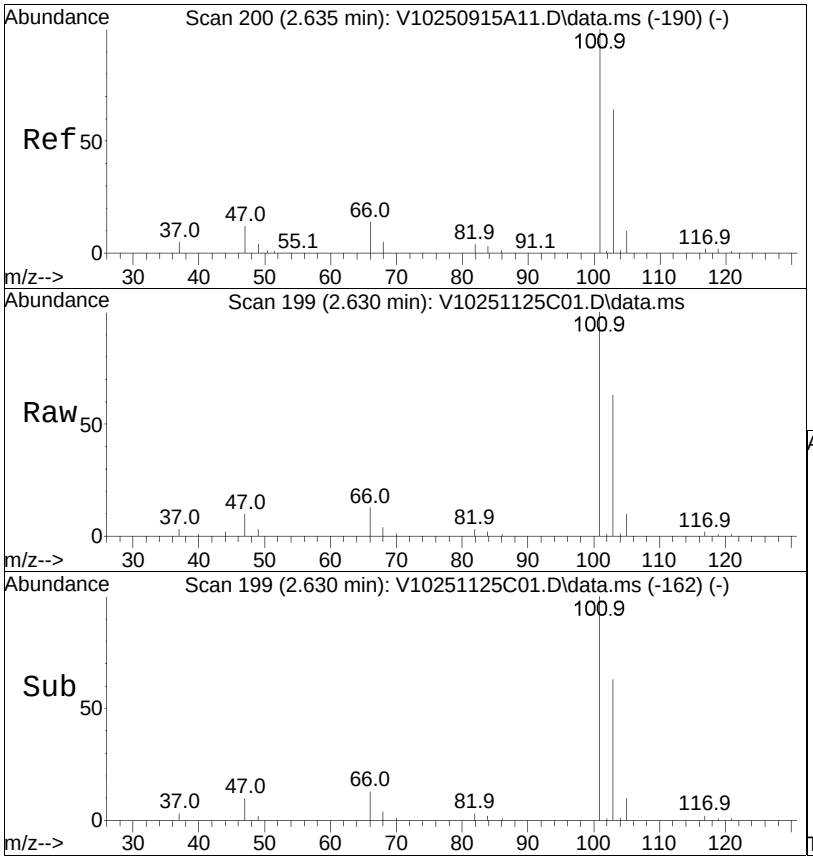


#6
Chloroethane
Concen: 24.55 ug/L
RT: 2.489 min Scan# 172
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 64 Resp: 57408

Ion	Ratio	Lower	Upper
64	100		
66	32.4	14.1	54.1

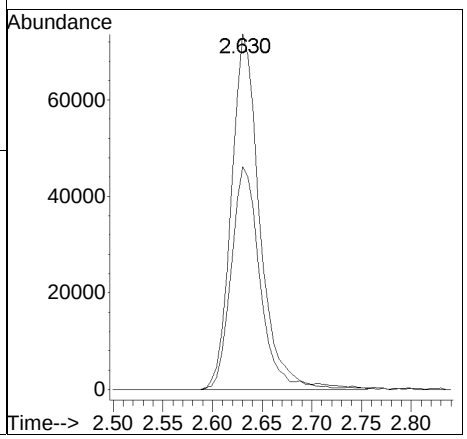


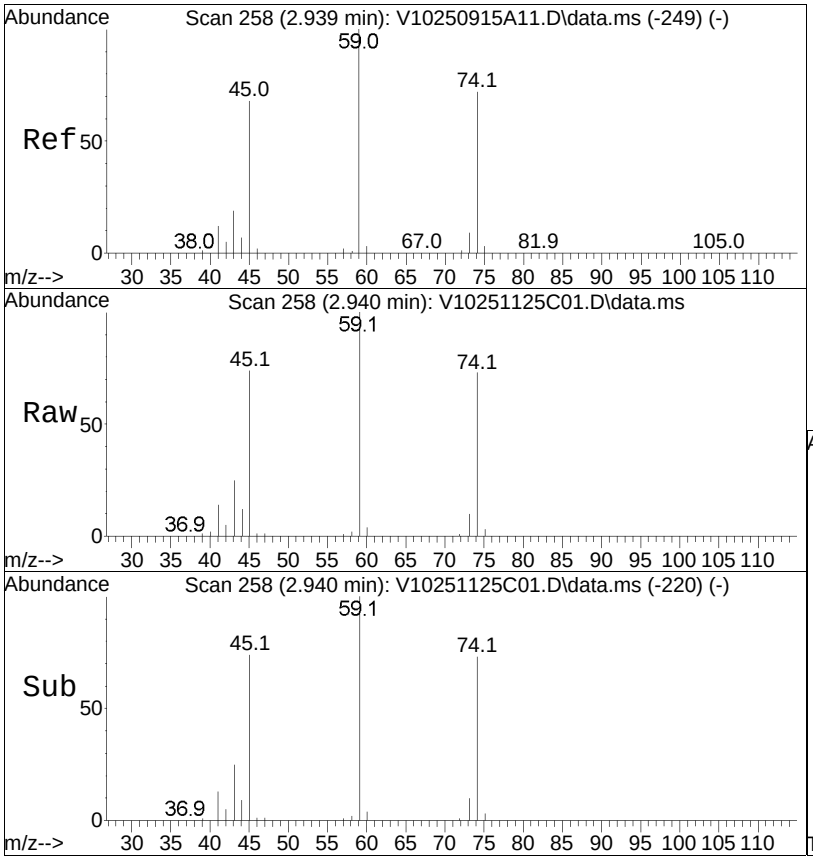


#7
Trichlorofluoromethane
Concen: 33.94 ug/L
RT: 2.630 min Scan# 199
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:101 Resp: 146898

Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.1	76.7

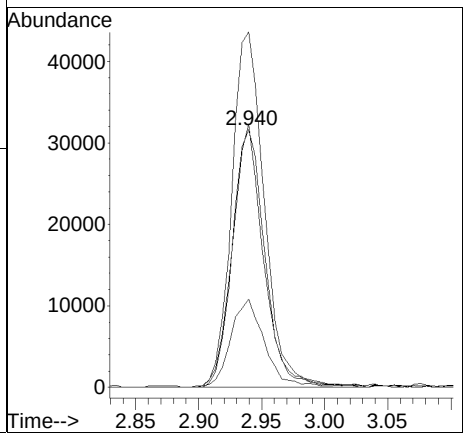


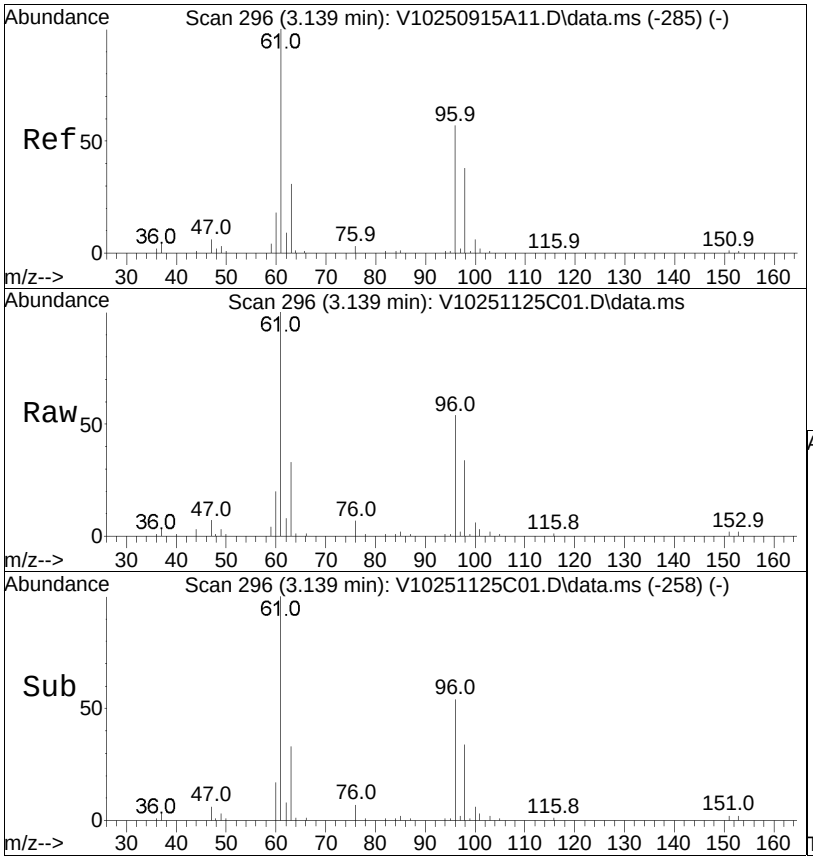


#8
Ethyl ether
Concen: 28.22 ug/L
RT: 2.940 min Scan# 258
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 74 Resp: 57011

Ion	Ratio	Lower	Upper
74	100		
59	137.9	97.8	203.0
45	97.3	73.4	152.4
43	35.5	23.5	48.7

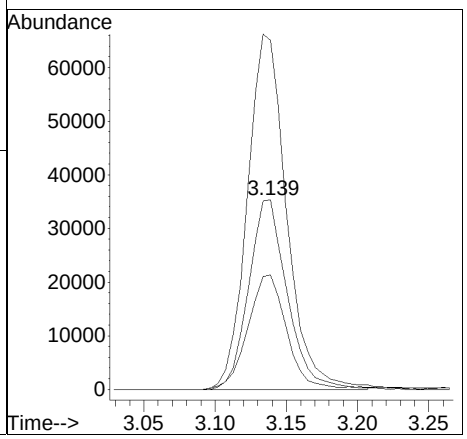


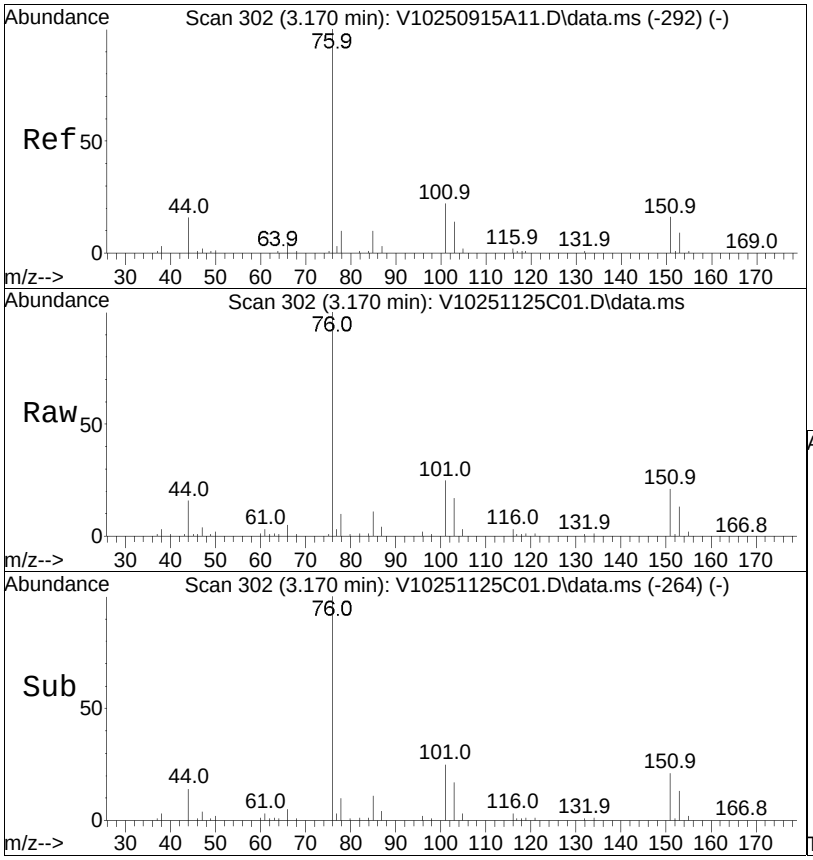


#10
1,1-Dichloroethene
Concen: 25.19 ug/L
RT: 3.139 min Scan# 296
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 96 Resp: 66669

Ion	Ratio	Lower	Upper
96	100		
61	191.0	145.0	217.4
63	60.8	46.8	70.2

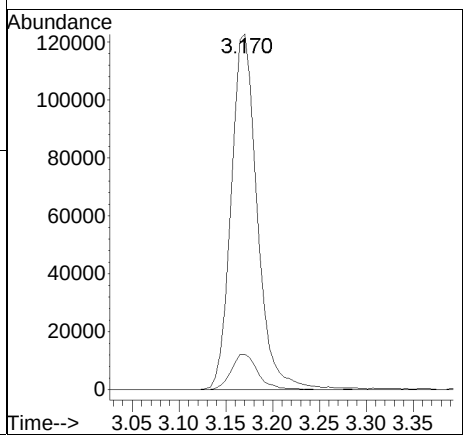


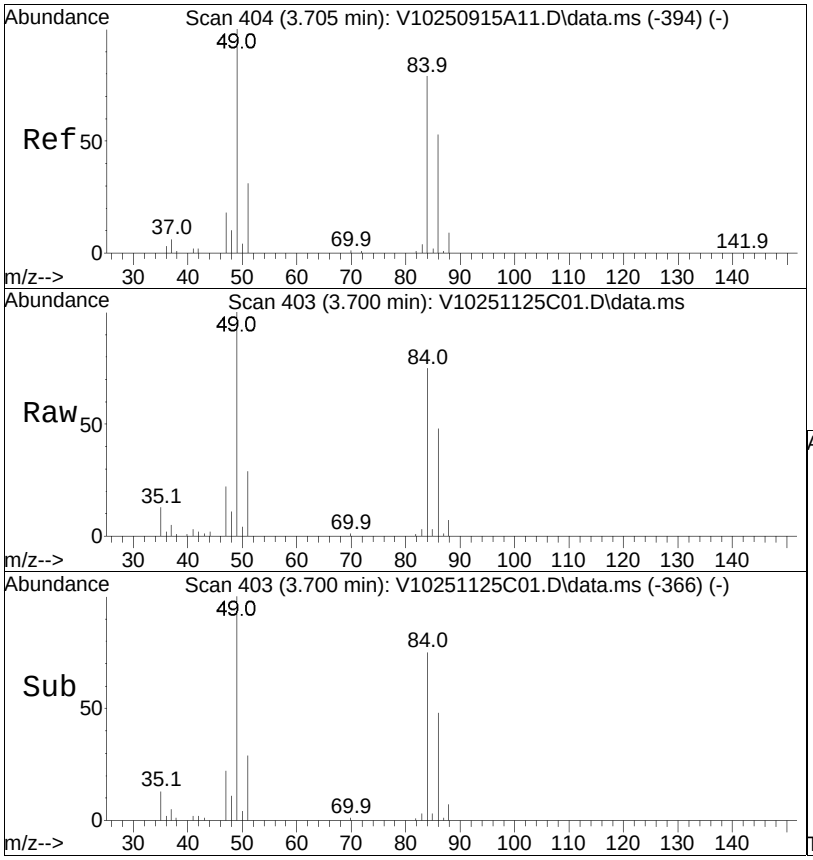


#11
Carbon disulfide
Concen: 24.33 ug/L
RT: 3.170 min Scan# 302
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 76 Resp: 238035

Ion	Ratio	Lower	Upper
76	100		
78	10.0	6.4	13.2

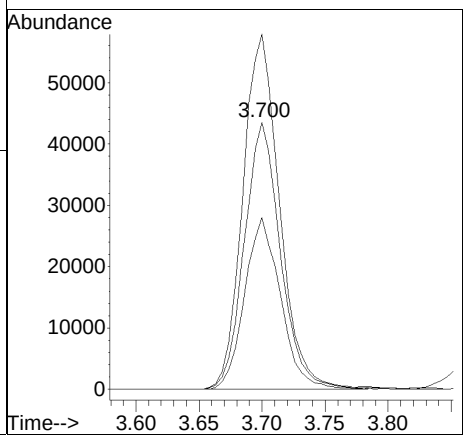


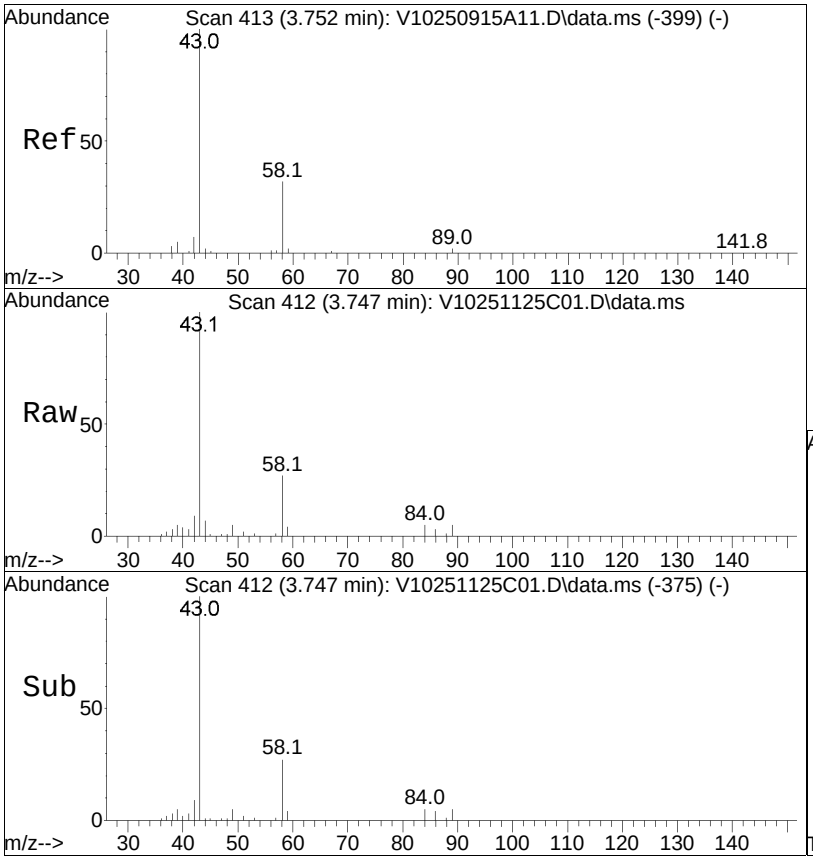


#15
Methylene chloride
Concen: 30.87 ug/L
RT: 3.700 min Scan# 403
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 84 Resp: 86923

Ion	Ratio	Lower	Upper
84	100		
86	64.0	41.5	86.3
49	134.7	99.3	206.1

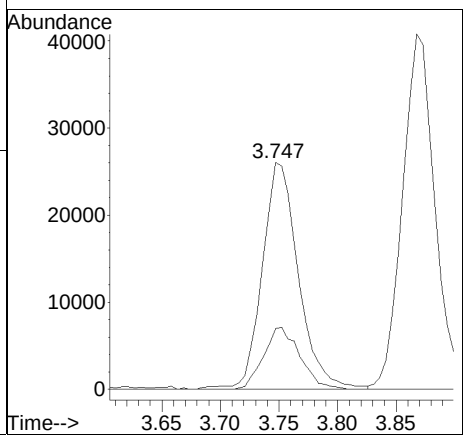


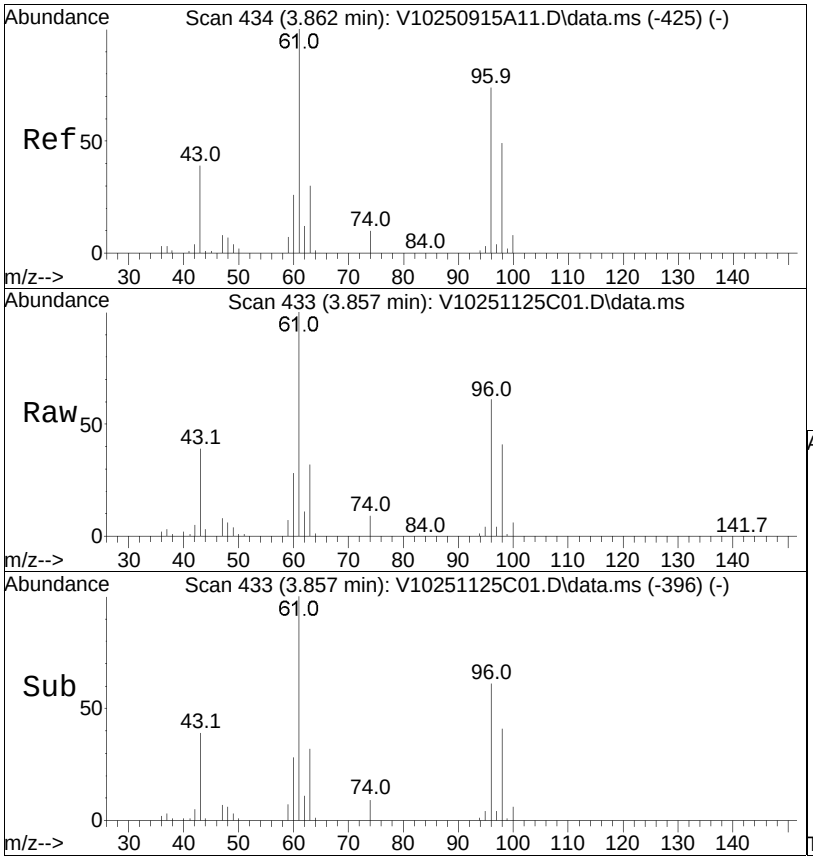


#17
Acetone
Concen: 54.25 ug/L
RT: 3.747 min Scan# 412
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 43 Resp: 56151

Ion	Ratio	Lower	Upper
43	100		
58	27.5	5.0	7.6#

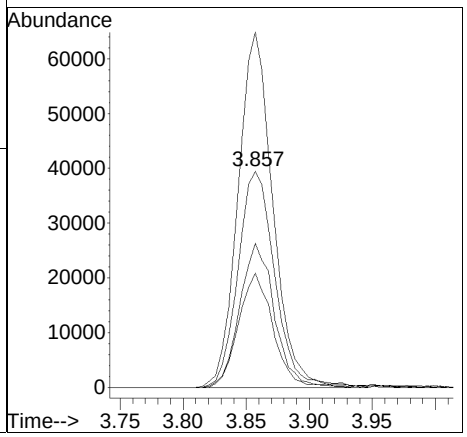


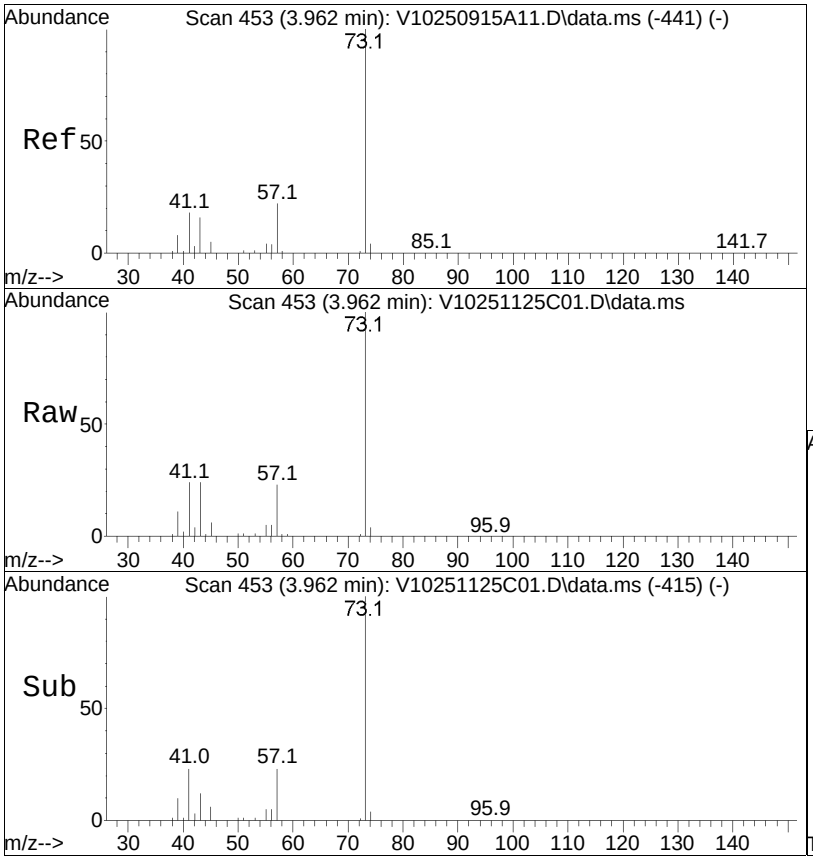


#18
trans-1,2-Dichloroethene
Concen: 31.93 ug/L
RT: 3.857 min Scan# 433
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 96 Resp: 80222

Ion	Ratio	Lower	Upper
96	100		
61	155.4	102.0	211.8
98	63.1	40.9	84.9
63	49.3	32.8	68.2

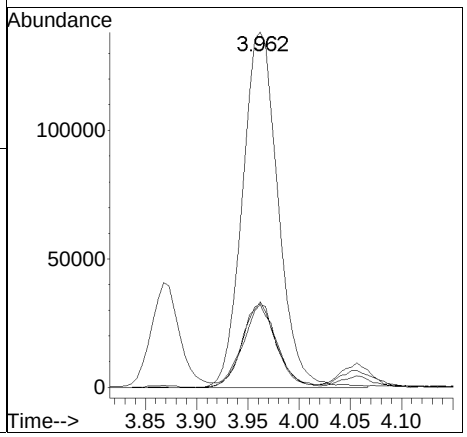


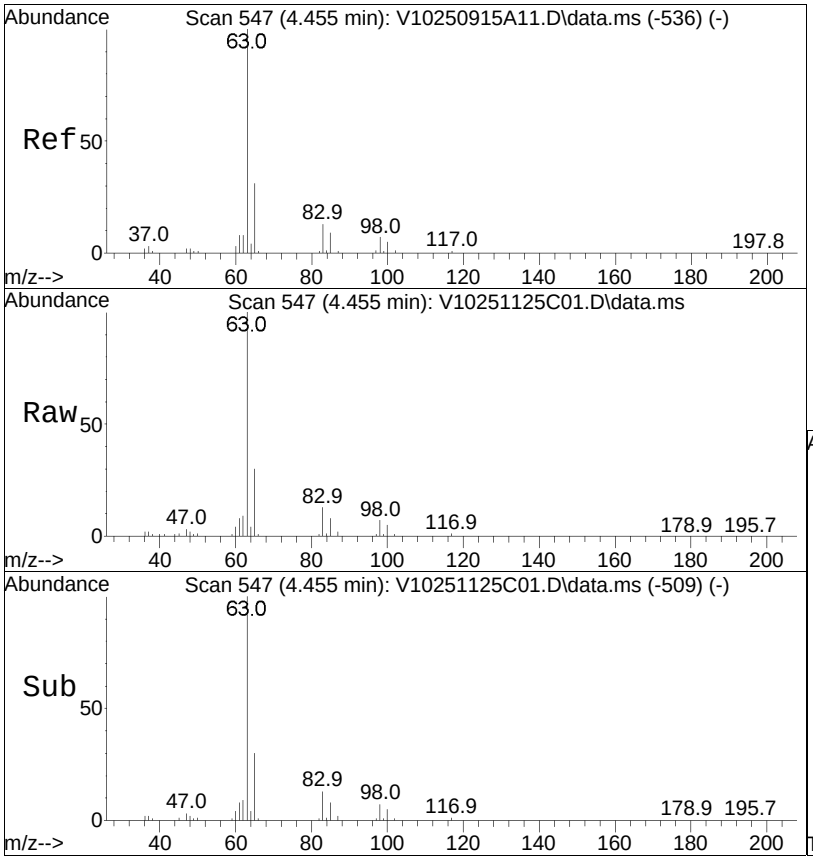


#20
Methyl tert-butyl ether
Concen: 43.18 ug/L
RT: 3.962 min Scan# 453
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 73 Resp: 334886

Ion	Ratio	Lower	Upper
73	100		
57	21.7	15.9	32.9
43	22.7	15.7	32.5
41	23.0	14.8	30.8

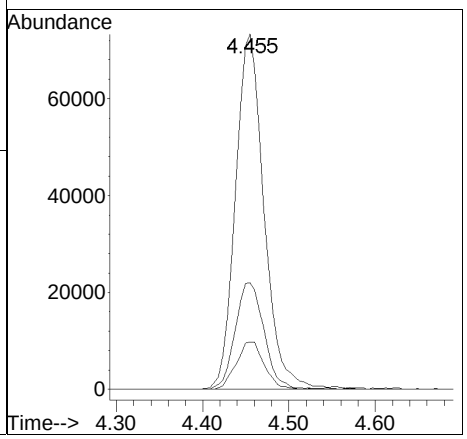


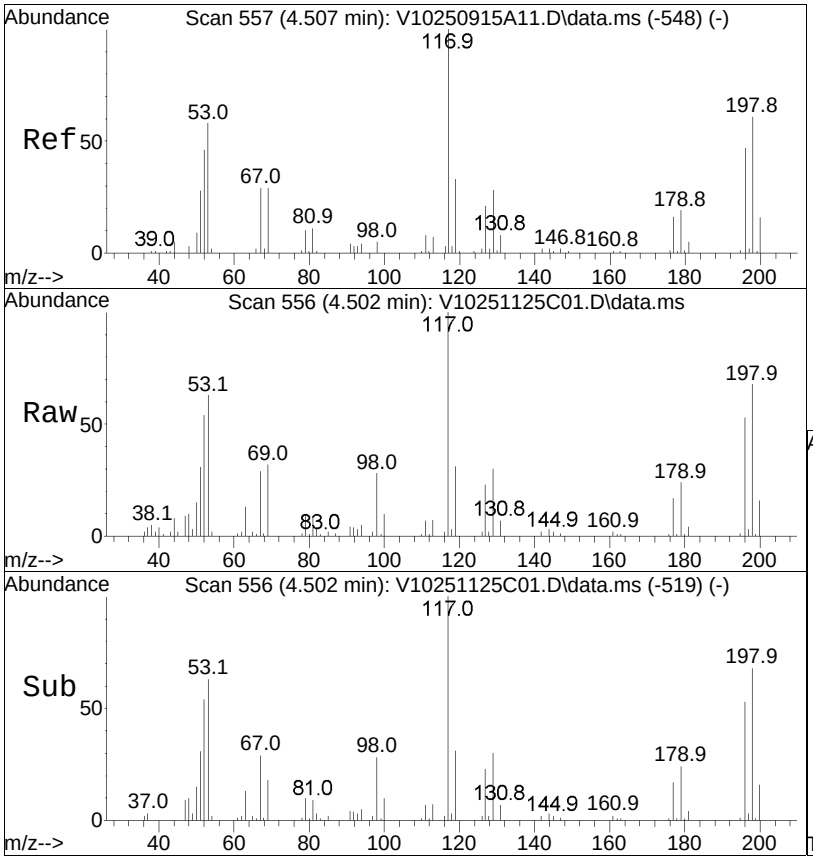


#23
1,1-Dichloroethane
Concen: 37.84 ug/L
RT: 4.455 min Scan# 547
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 63 Resp: 169341

Ion	Ratio	Lower	Upper
63	100		
65	30.2	11.0	51.0
83	13.1	0.0	32.5

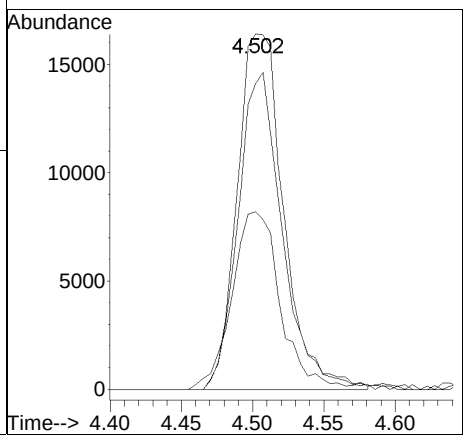


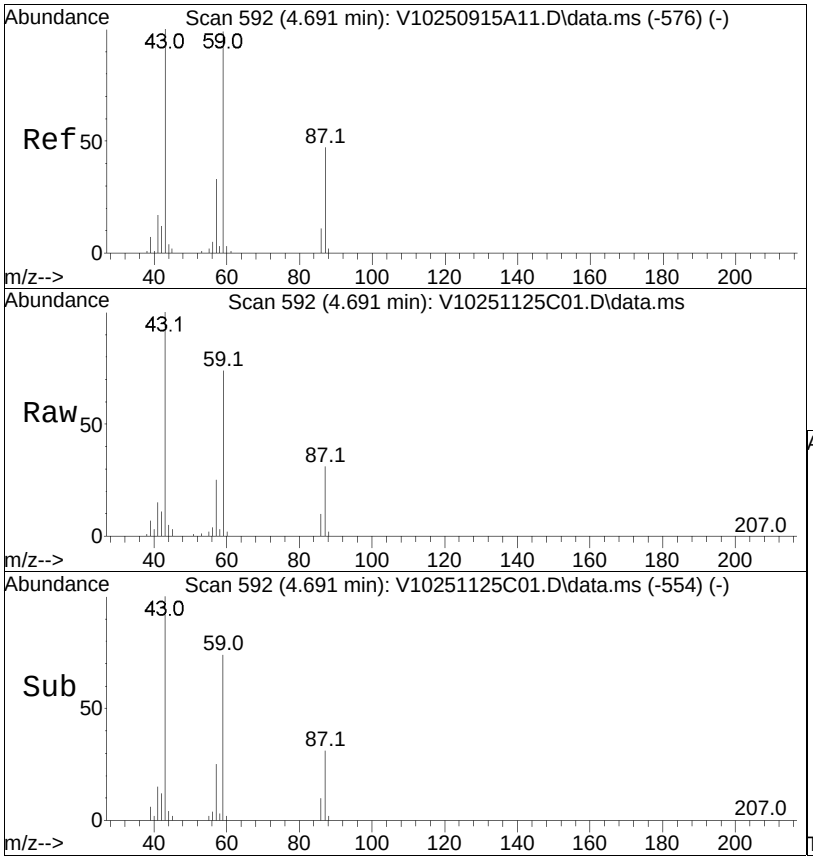


#25
Acrylonitrile
Concen: 42.95 ug/L
RT: 4.502 min Scan# 556
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 53 Resp: 37269

Ion	Ratio	Lower	Upper
53	100		
52	84.9	64.2	96.4
51	51.7	29.8	44.6#

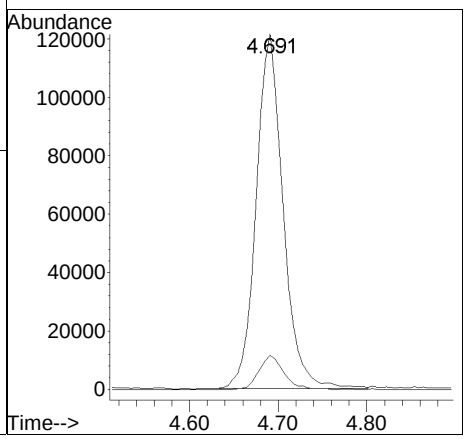


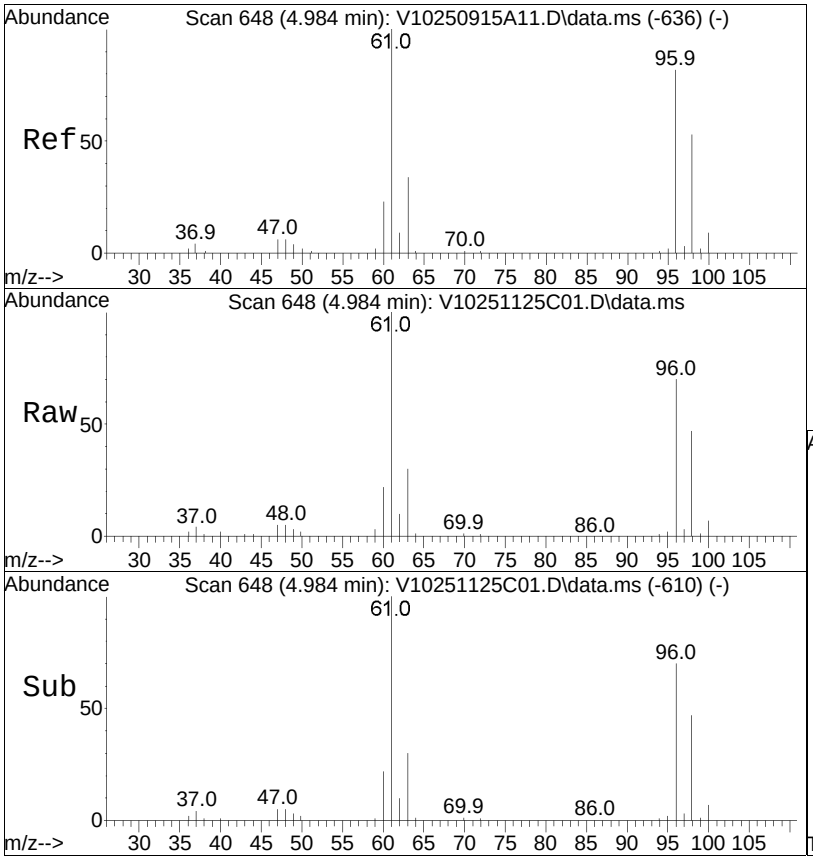


#27
Vinyl acetate
Concen: 52.50 ug/L
RT: 4.691 min Scan# 592
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 43 Resp: 257504

Ion	Ratio	Lower	Upper
43	100		
86	8.8	7.9	11.9

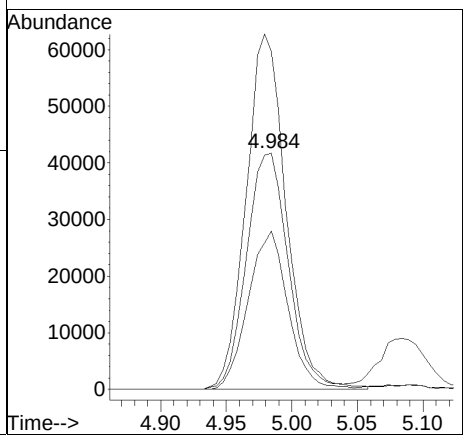


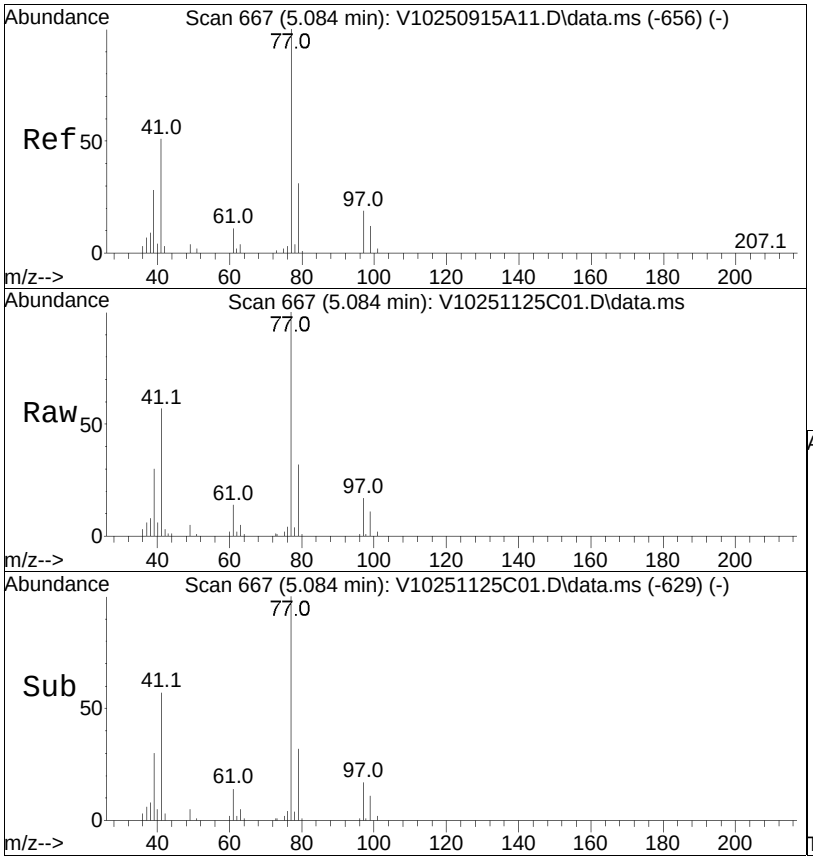


#28
cis-1,2-Dichloroethene
Concen: 33.65 ug/L
RT: 4.984 min Scan# 648
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 96 Resp: 93256

Ion	Ratio	Lower	Upper
96	100		
61	142.1	101.0	151.4
98	63.4	50.7	76.1

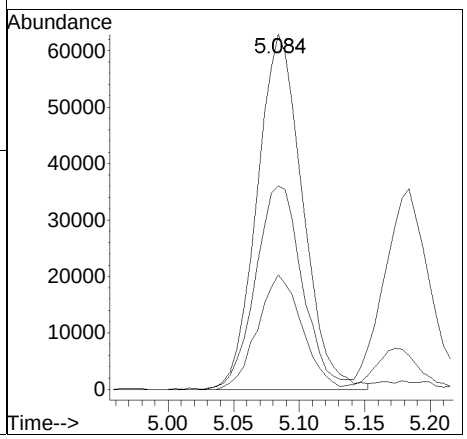


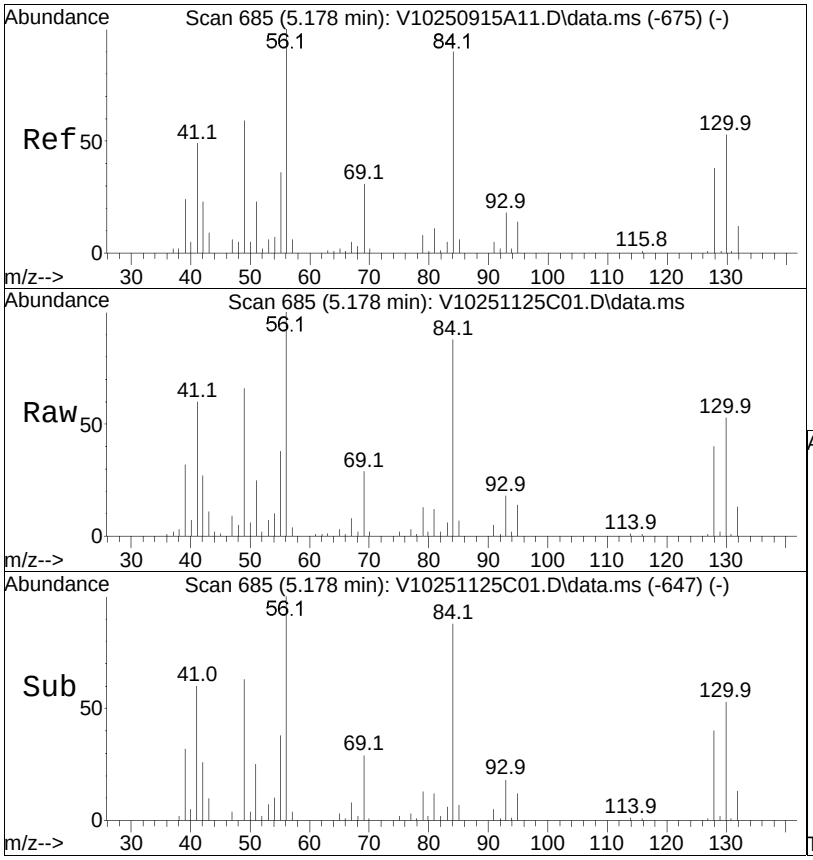


#29
2,2-Dichloropropane
Concen: 40.24 ug/L
RT: 5.084 min Scan# 667
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 77 Resp: 151801

Ion	Ratio	Lower	Upper
77	100		
41	58.8	42.1	87.5
79	31.5	21.1	43.9

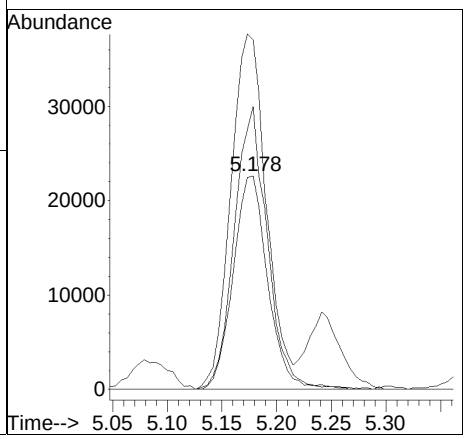


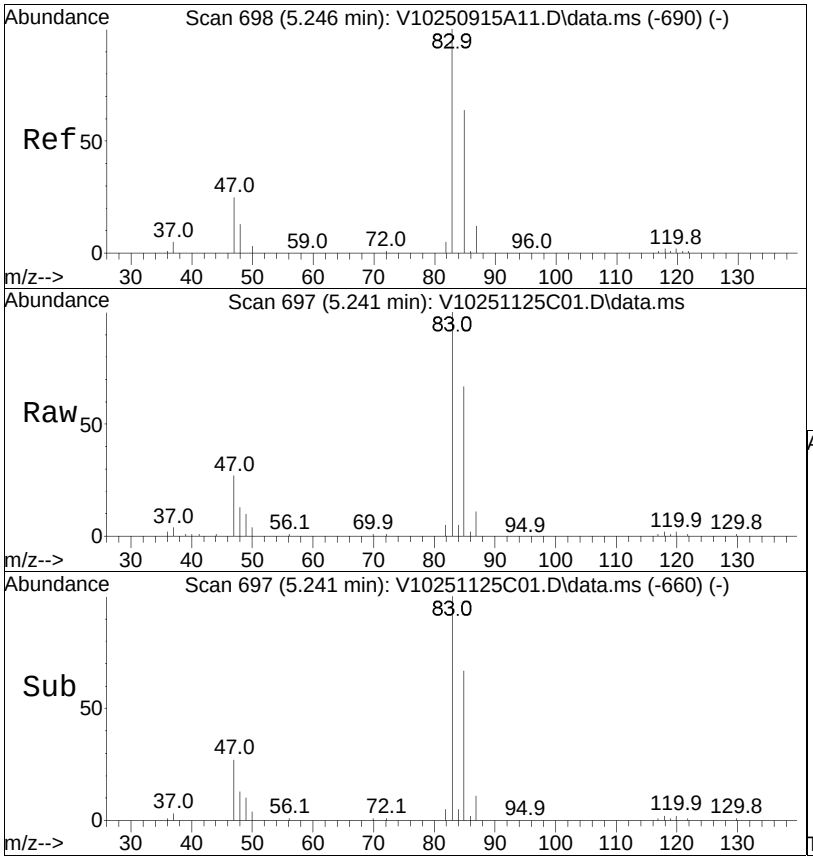


#30
Bromochloromethane
Concen: 37.40 ug/L
RT: 5.178 min Scan# 685
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:128 Resp: 50001

Ion	Ratio	Lower	Upper
128	100		
49	170.1	145.7	218.5
130	126.3	101.9	152.9

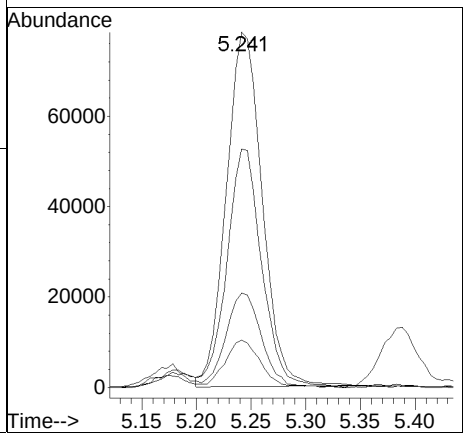


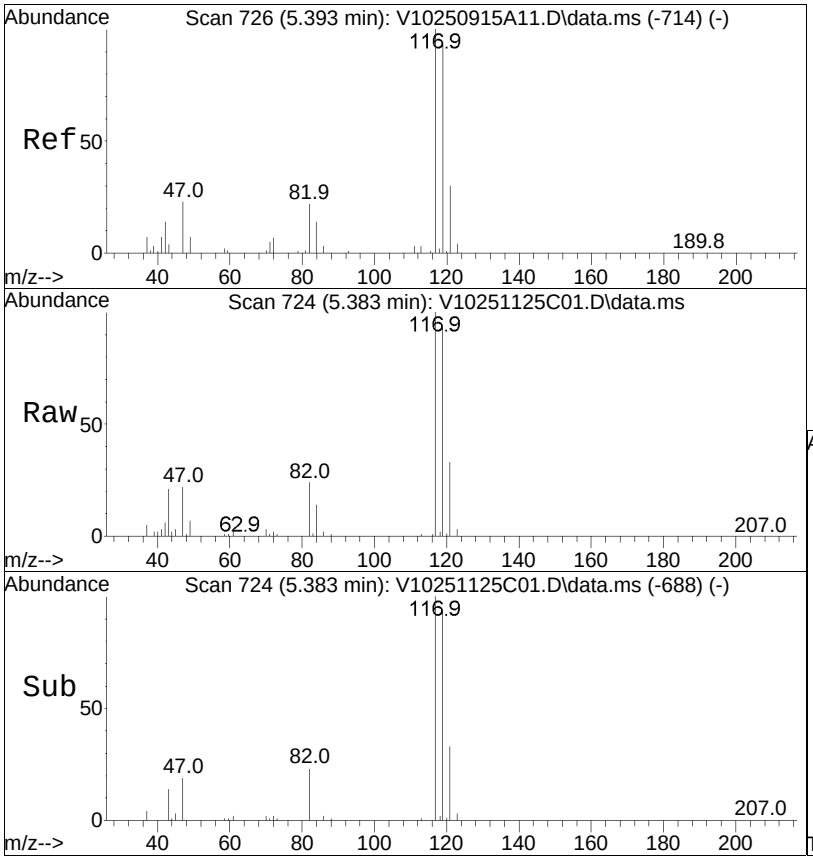


#32
Chloroform
Concen: 38.90 ug/L
RT: 5.241 min Scan# 697
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 83 Resp: 179358

Ion	Ratio	Lower	Upper
83	100		
85	64.4	41.9	87.1
47	25.9	18.4	38.2
48	13.3	9.4	19.4

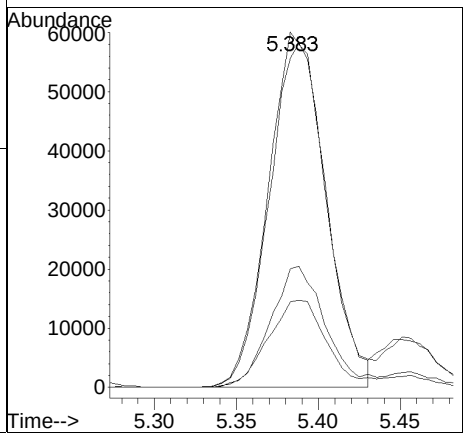


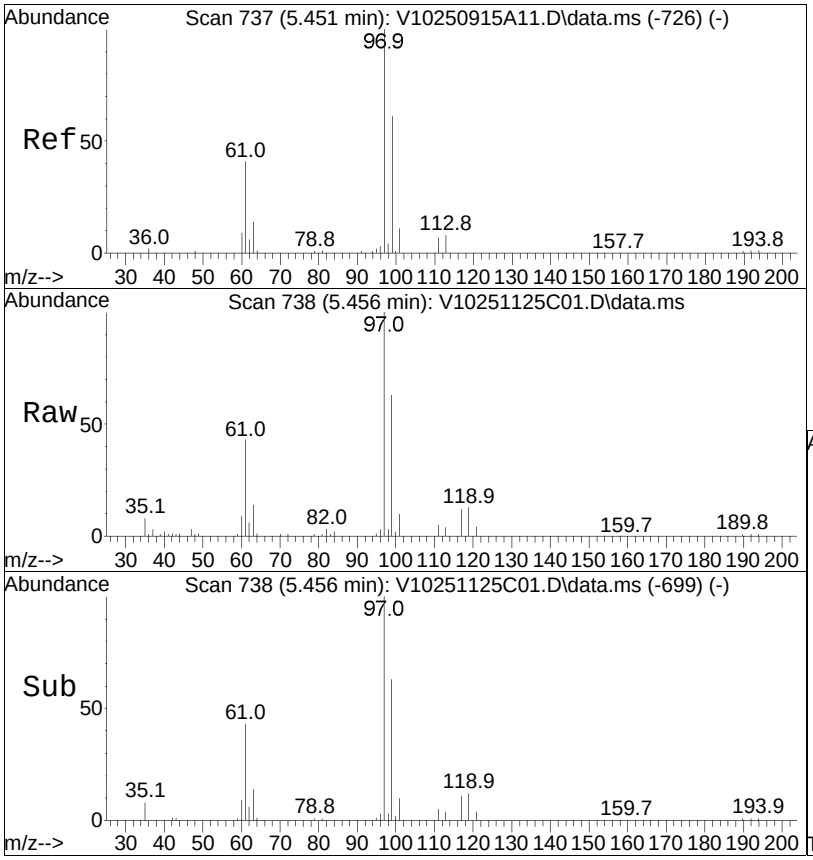


#34
Carbon tetrachloride
Concen: 44.78 ug/L
RT: 5.383 min Scan# 724
Delta R.T. -0.010 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:117 Resp: 146812

Ion	Ratio	Lower	Upper
117	100		
119	97.5	62.9	130.5
121	32.7	19.1	39.7
82	25.2	16.3	33.9

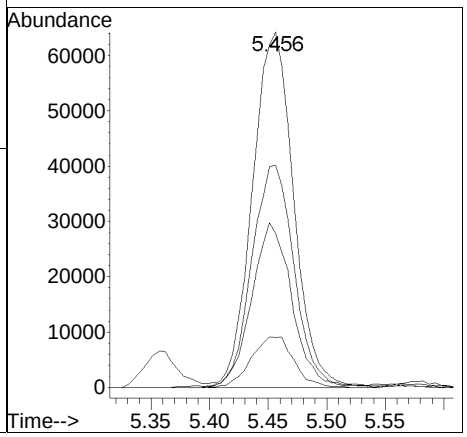


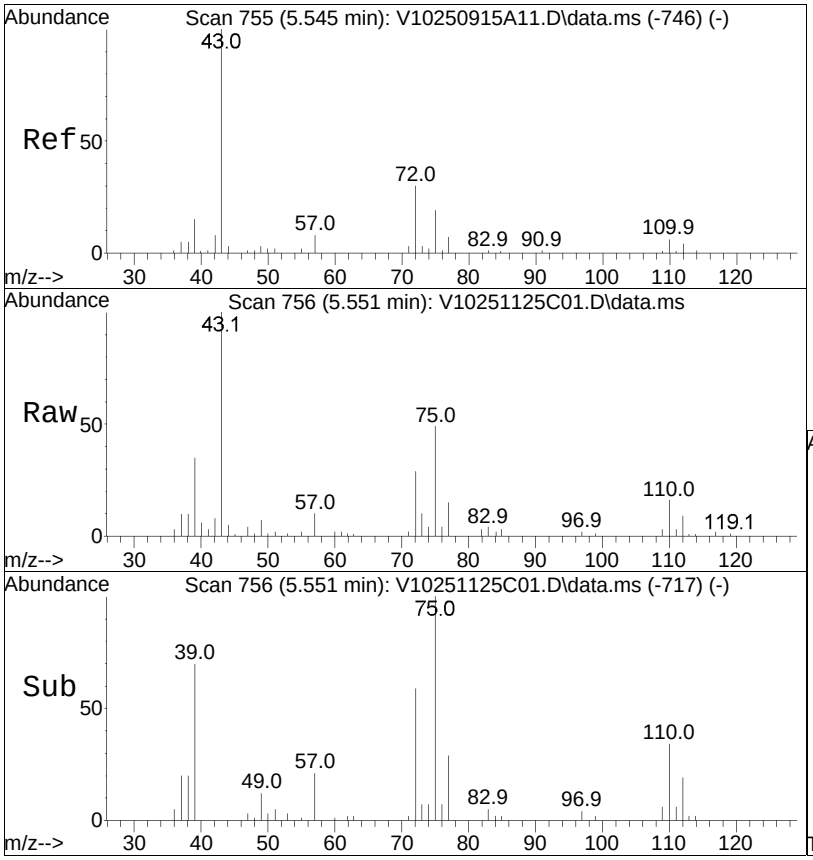


#37
1,1,1-Trichloroethane
Concen: 43.95 ug/L
RT: 5.456 min Scan# 738
Delta R.T. 0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 97 Resp: 157633

Ion	Ratio	Lower	Upper
97	100		
99	64.0	41.7	86.5
61	45.4	30.1	62.5
63	14.7	9.9	20.5

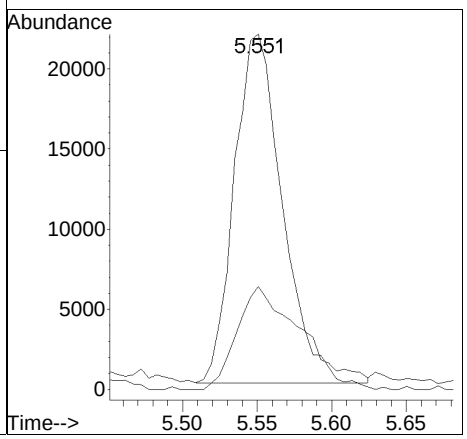


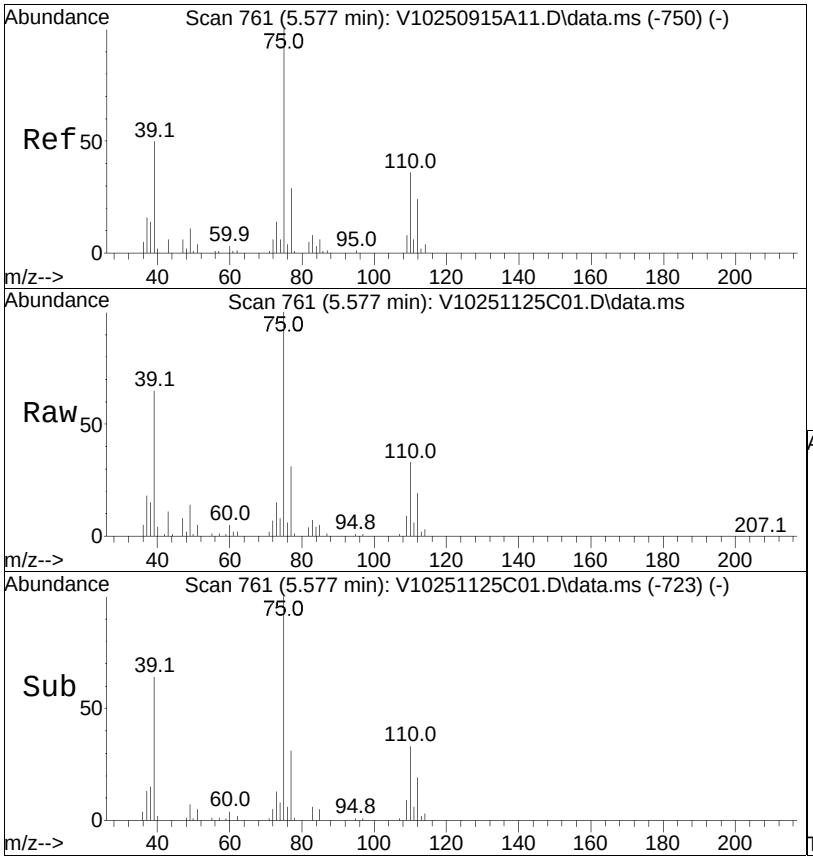


#39
2-Butanone
Concen: 49.67 ug/L
RT: 5.551 min Scan# 756
Delta R.T. 0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 43 Resp: 49628

Ion	Ratio	Lower	Upper
43	100		
72	37.1	113.1	169.7#

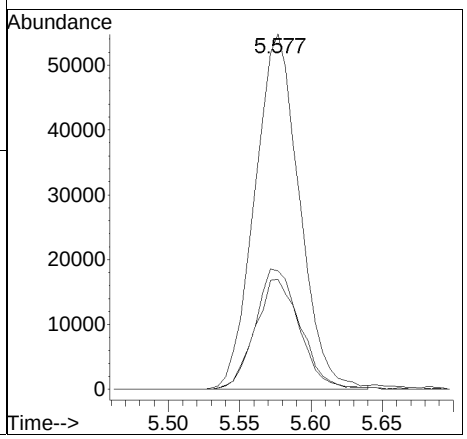


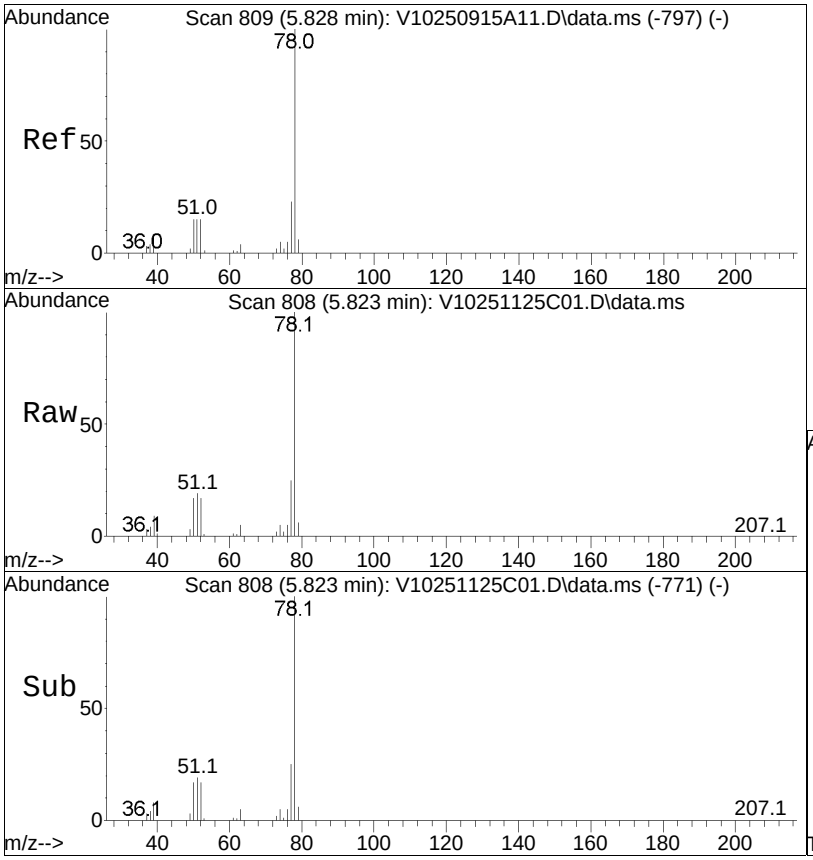


#40
1,1-Dichloropropene
Concen: 39.53 ug/L
RT: 5.577 min Scan# 761
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 75 Resp: 119269

Ion	Ratio	Lower	Upper
75	100		
110	34.4	21.6	45.0
77	31.4	20.4	42.4

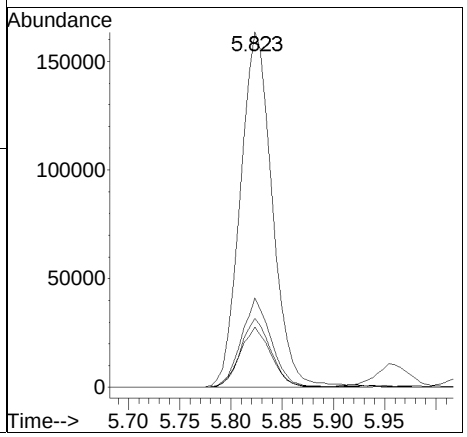


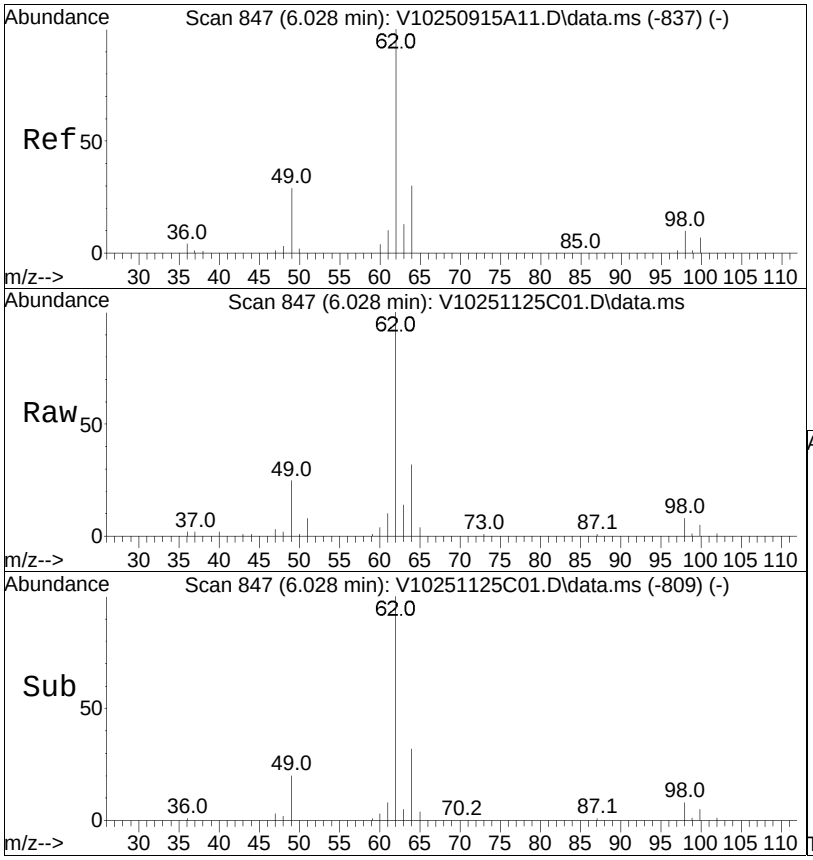


#41
Benzene
Concen: 37.55 ug/L
RT: 5.823 min Scan# 808
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 78 Resp: 355672

Ion	Ratio	Lower	Upper
78	100		
77	23.6	16.1	33.5
51	18.5	11.8	24.6
52	16.4	11.0	22.8

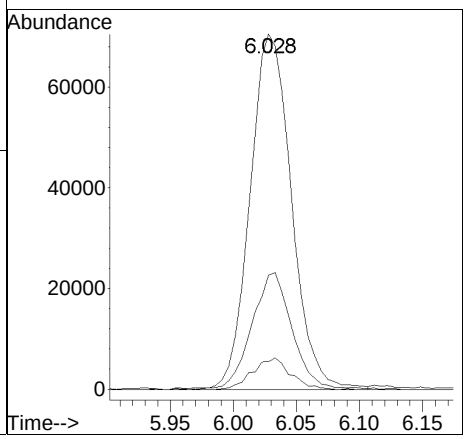


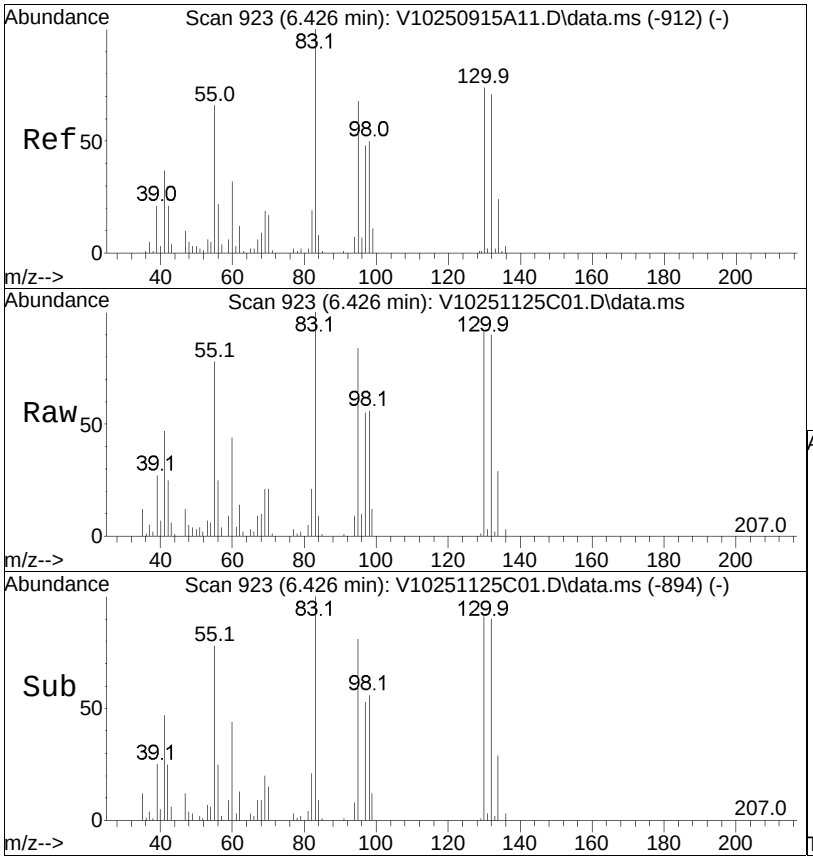


#44
1,2-Dichloroethane
Concen: 50.73 ug/L
RT: 6.028 min Scan# 847
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 62 Resp: 161285

Ion	Ratio	Lower	Upper
62	100		
64	32.2	12.3	52.3
98	8.1	0.0	29.5

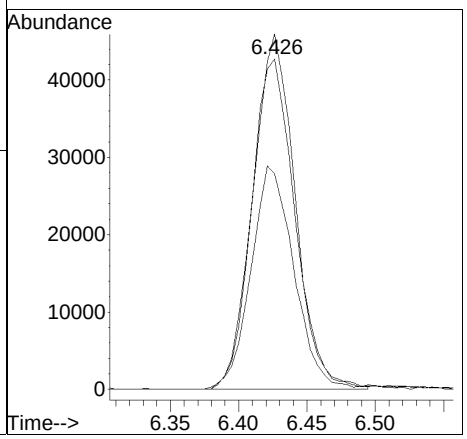


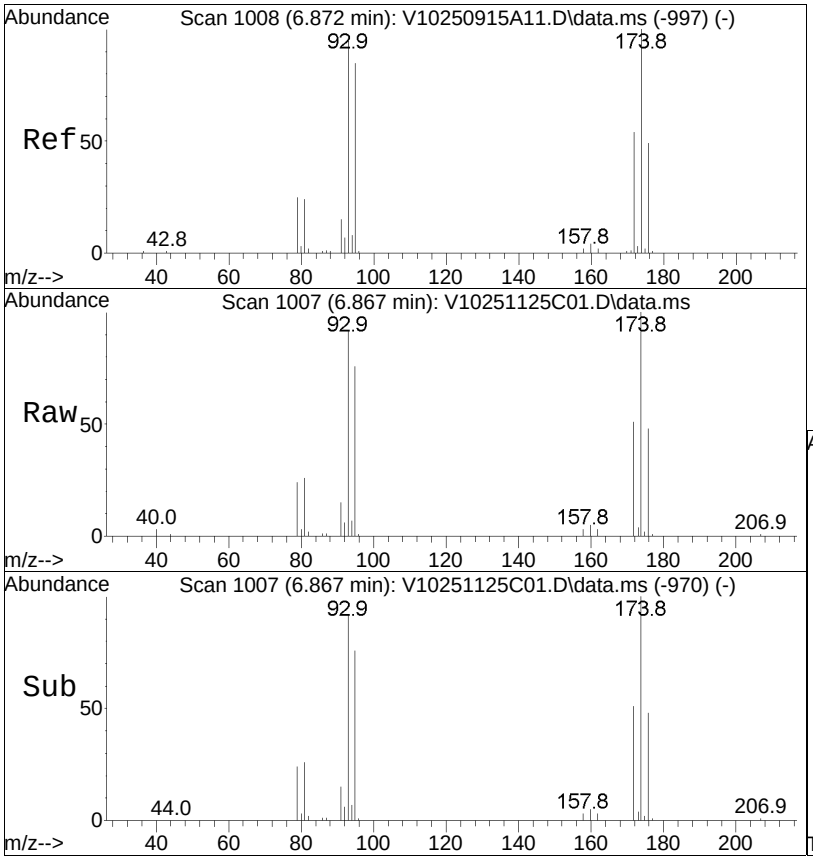


#48
Trichloroethene
Concen: 37.73 ug/L
RT: 6.426 min Scan# 923
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 95 Resp: 94921

Ion	Ratio	Lower	Upper
95	100		
97	66.6	53.3	79.9
130	103.6	80.7	121.1

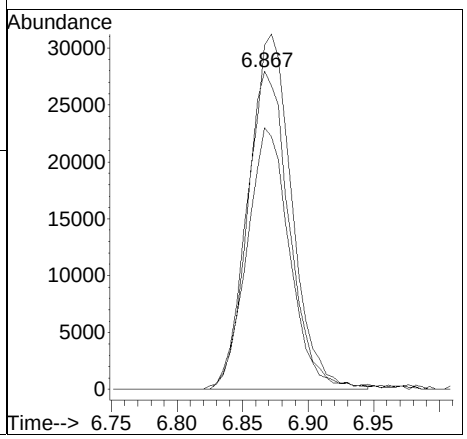


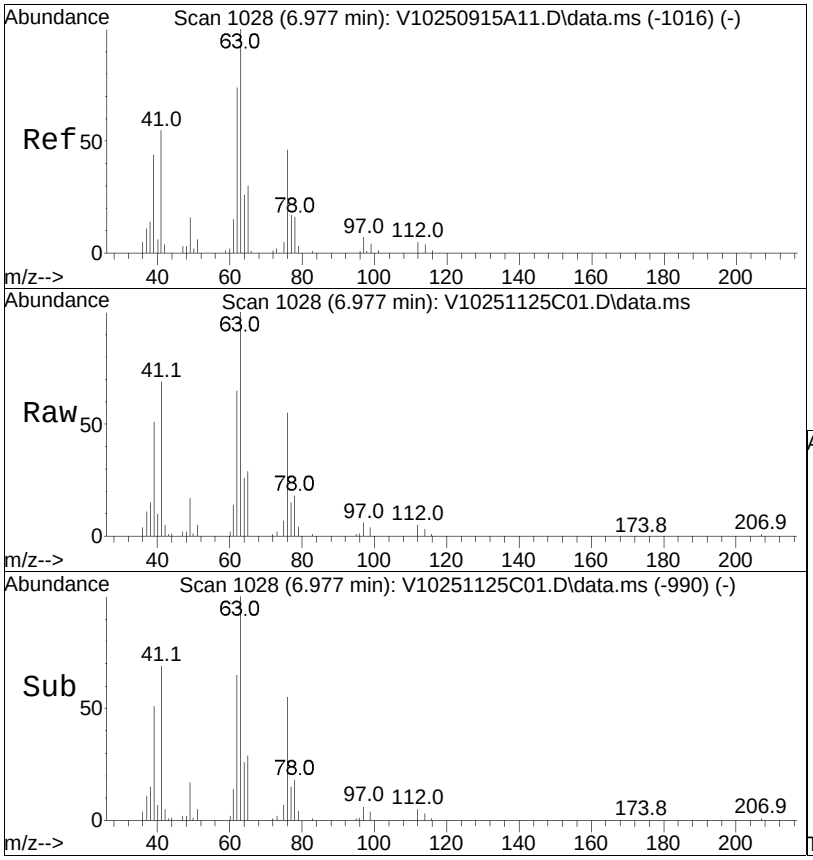


#50
Dibromomethane
Concen: 40.06 ug/L
RT: 6.867 min Scan# 1007
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 93 Resp: 63793

Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.8	98.6
174	110.5	69.0	103.4#

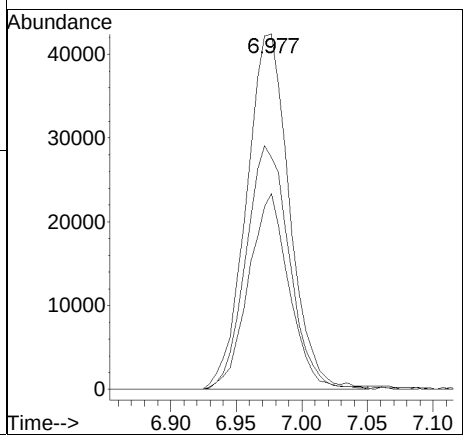


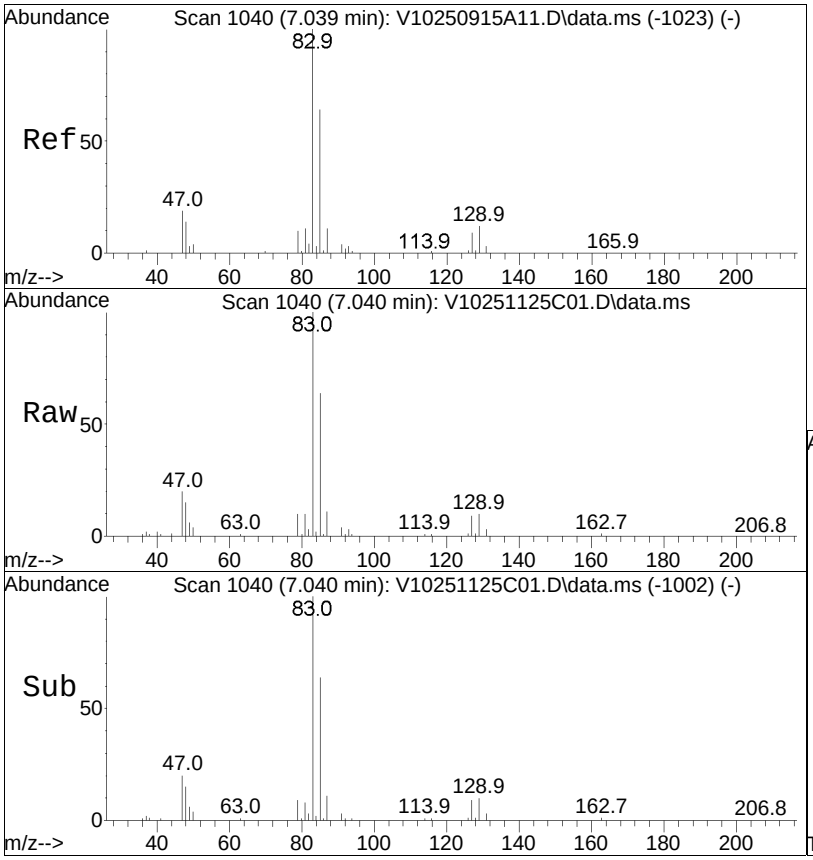


#51
1,2-Dichloropropane
Concen: 39.37 ug/L
RT: 6.977 min Scan# 1028
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 63 Resp: 97259

Ion	Ratio	Lower	Upper
63	100		
62	68.8	56.2	84.2
76	52.0	33.0	49.4#

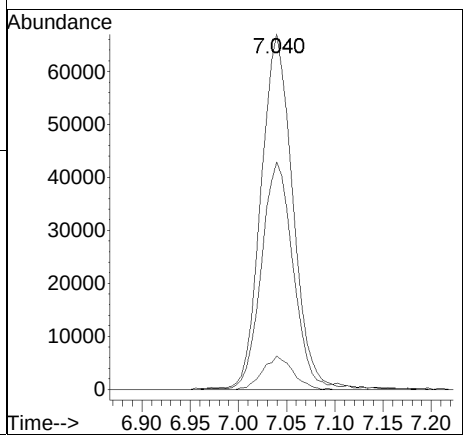


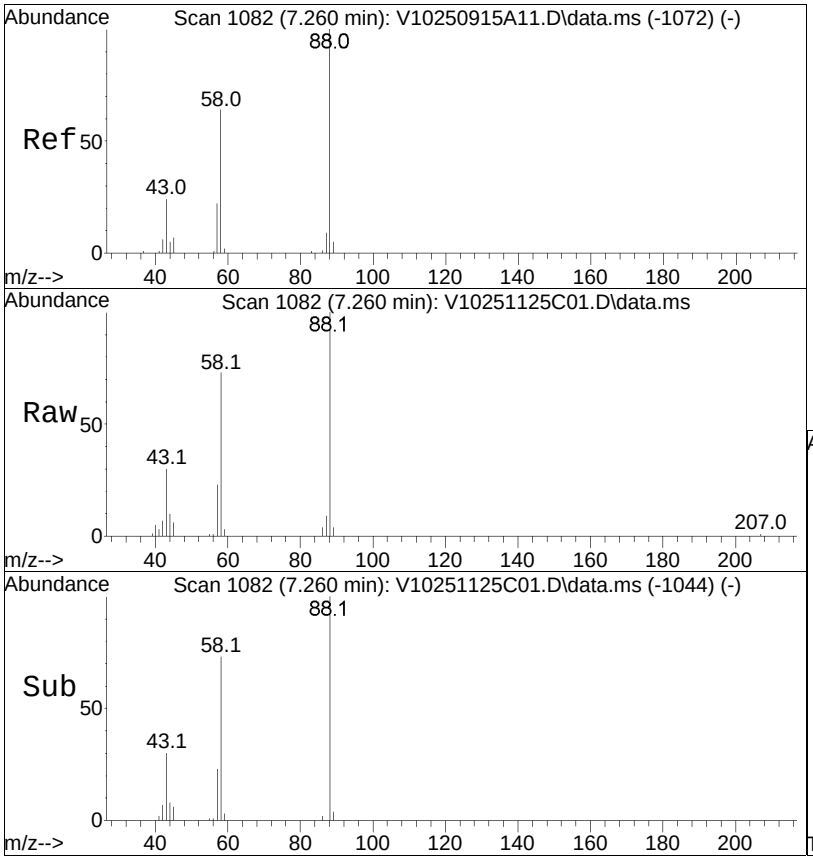


#54
Bromodichloromethane
Concen: 44.99 ug/L
RT: 7.040 min Scan# 1040
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 83 Resp: 153862

Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.9	76.3
127	8.9	6.3	9.5

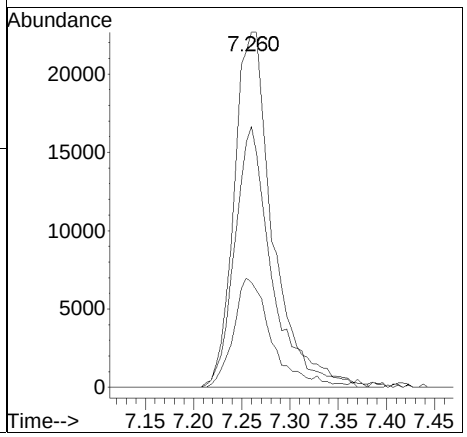


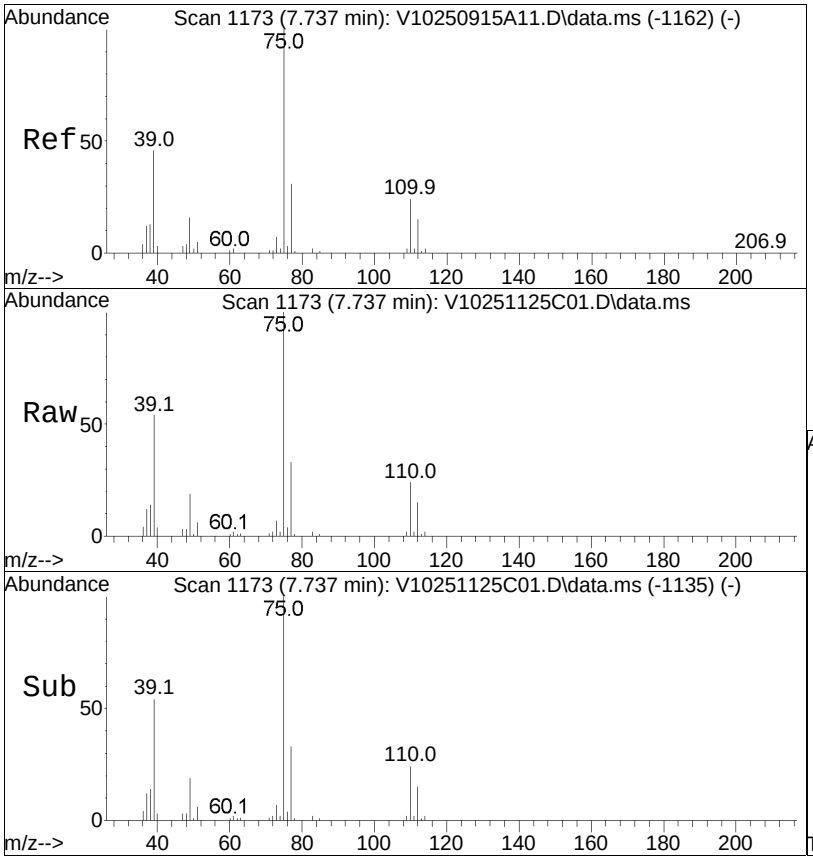


#57
1,4-Dioxane
Concen: 2167.96 ug/L
RT: 7.260 min Scan# 1082
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 88 Resp: 63495

Ion	Ratio	Lower	Upper
88	100		
58	70.7	55.4	83.0
43	30.6	24.7	37.1

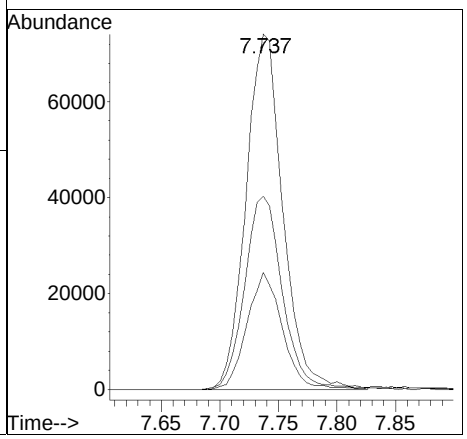


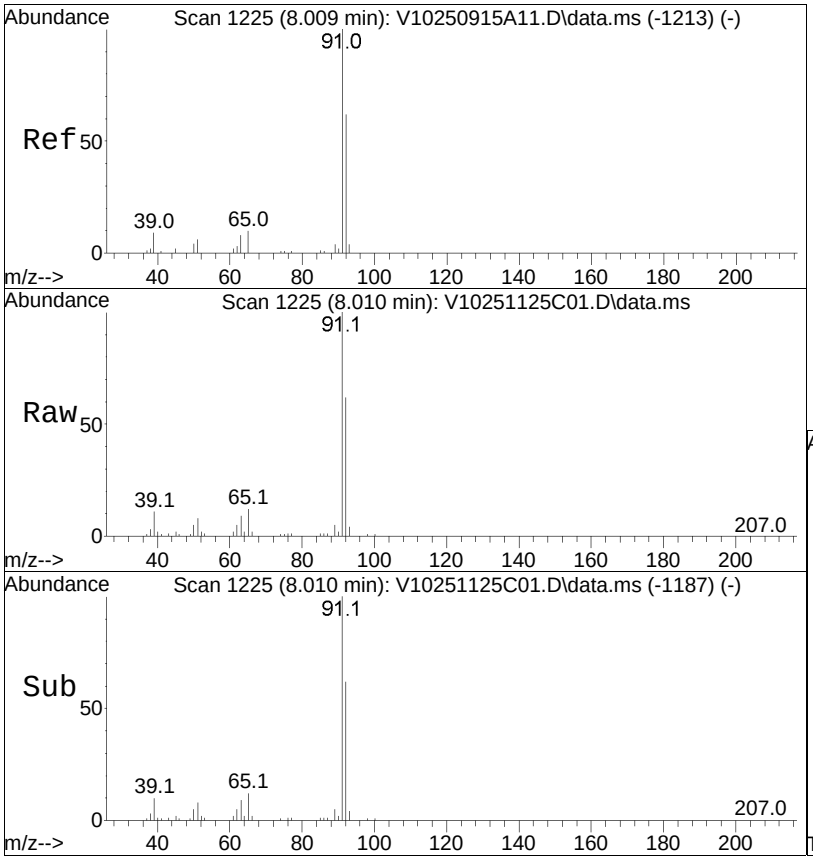


#58
cis-1,3-Dichloropropene
Concen: 41.80 ug/L
RT: 7.737 min Scan# 1173
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 75 Resp: 162502

Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.2	36.4
39	55.5	45.8	68.8

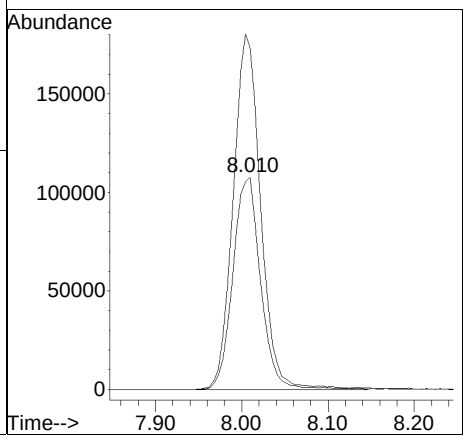


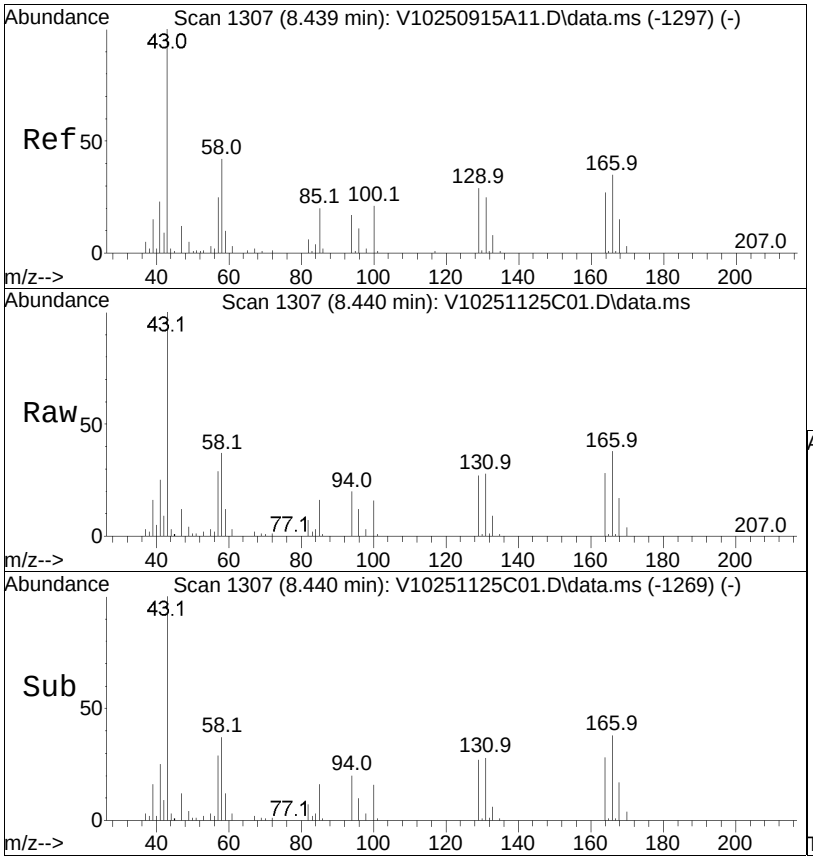


#61
Toluene
Concen: 38.05 ug/L
RT: 8.010 min Scan# 1225
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 92 Resp: 240135

Ion	Ratio	Lower	Upper
92	100		
91	165.2	134.9	202.3

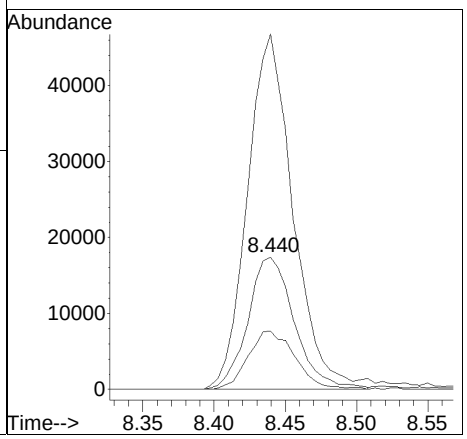


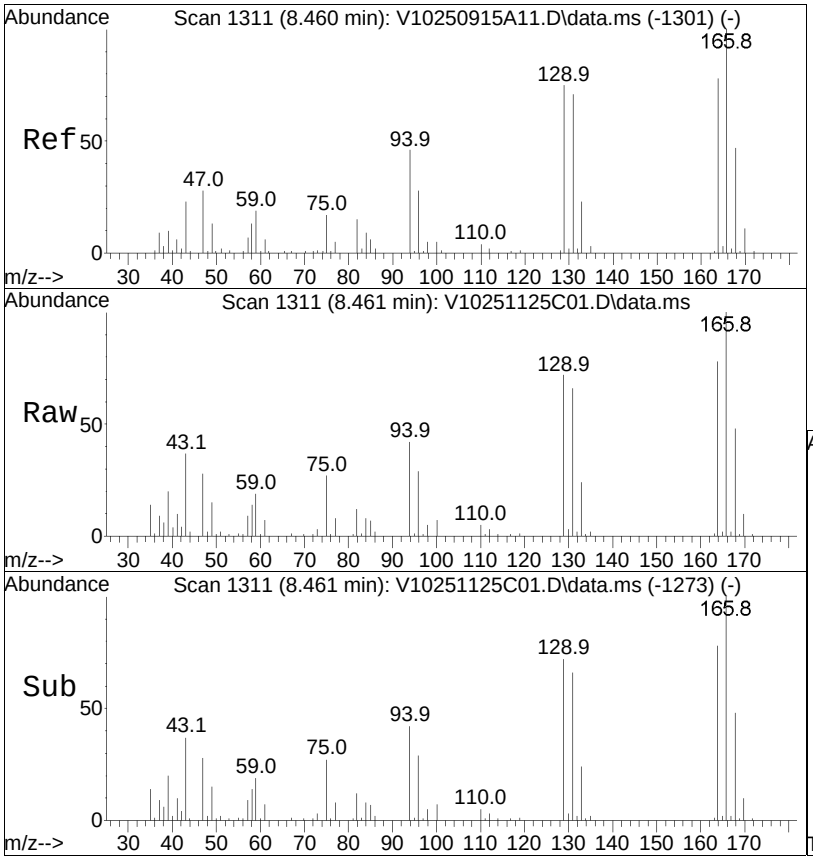


#62
4-Methyl-2-pentanone
Concen: 42.10 ug/L
RT: 8.440 min Scan# 1307
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 58 Resp: 39633

Ion	Ratio	Lower	Upper
58	100		
100	44.7	32.3	48.5
43	267.2	207.4	311.0

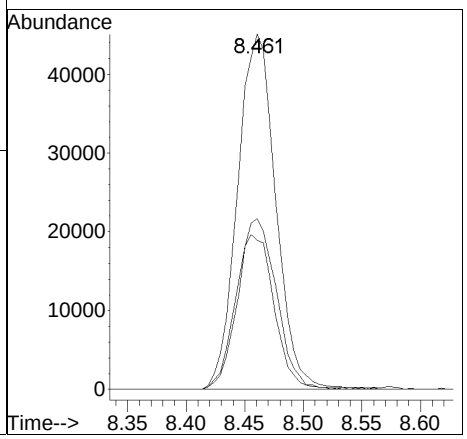


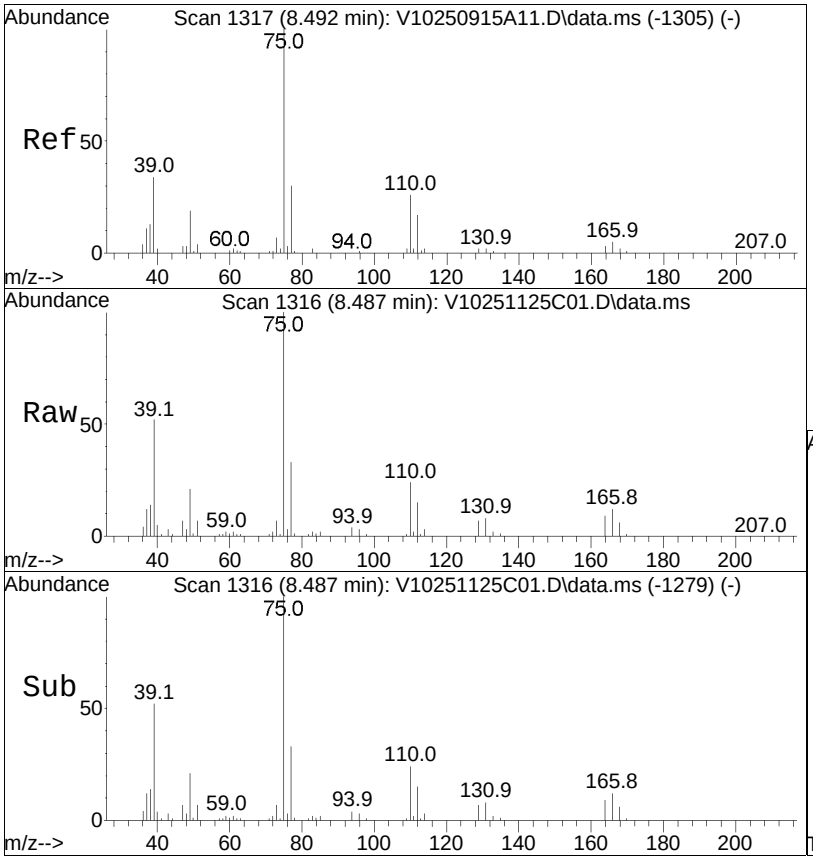


#63
Tetrachloroethene
Concen: 41.35 ug/L
RT: 8.461 min Scan# 1311
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:166 Resp: 102816

Ion	Ratio	Lower	Upper
166	100		
168	48.4	26.7	66.7
94	44.2	24.4	64.4

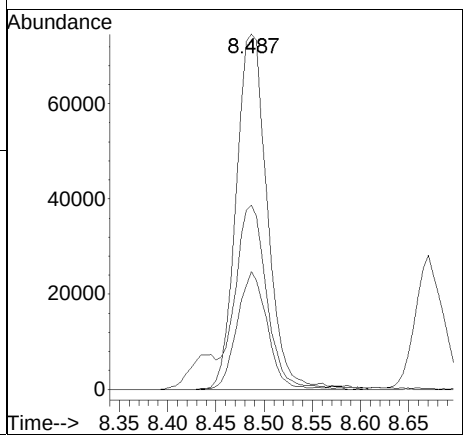


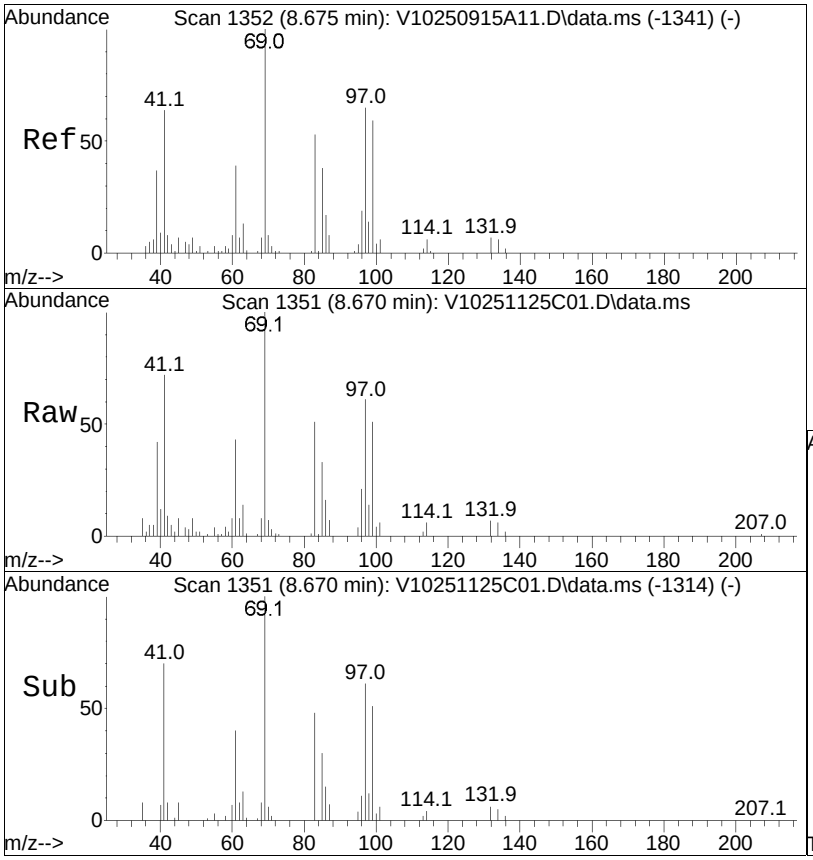


#65
trans-1,3-Dichloropropene
Concen: 46.18 ug/L
RT: 8.487 min Scan# 1316
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 75 Resp: 168315

Ion	Ratio	Lower	Upper
75	100		
77	31.8	11.0	51.0
39	51.0	38.3	78.3

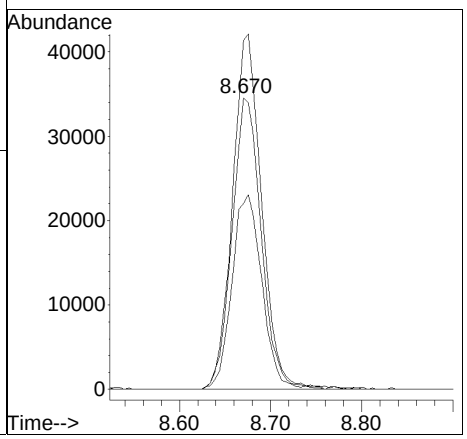


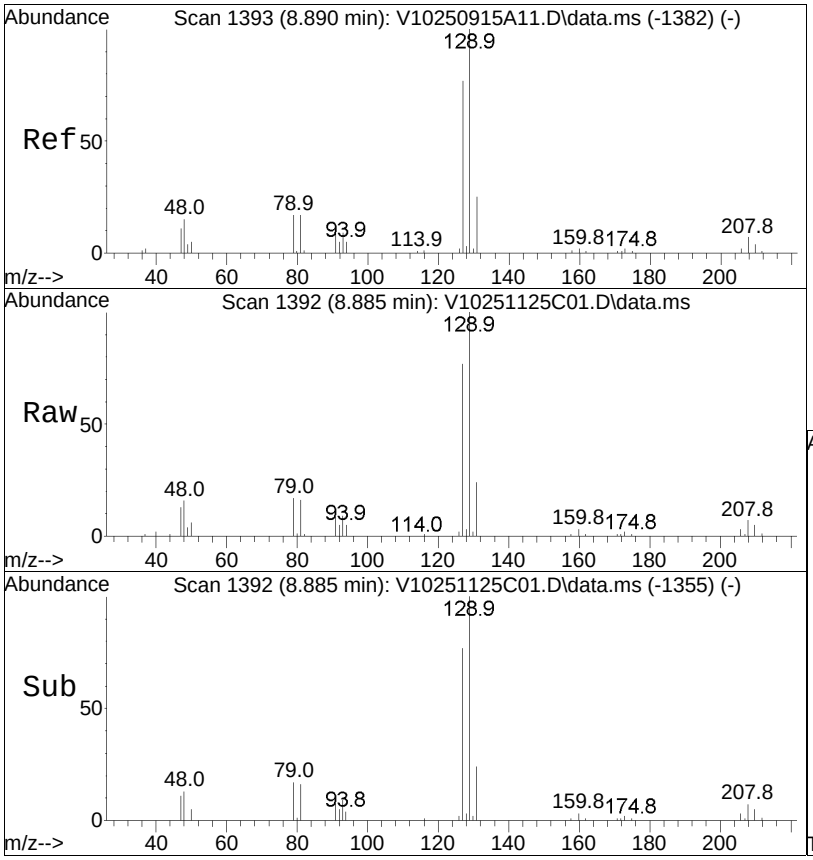


#68
1,1,2-Trichloroethane
Concen: 42.50 ug/L
RT: 8.670 min Scan# 1351
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 83 Resp: 77880

Ion	Ratio	Lower	Upper
83	100		
97	119.6	103.5	143.5
85	68.1	49.8	89.8

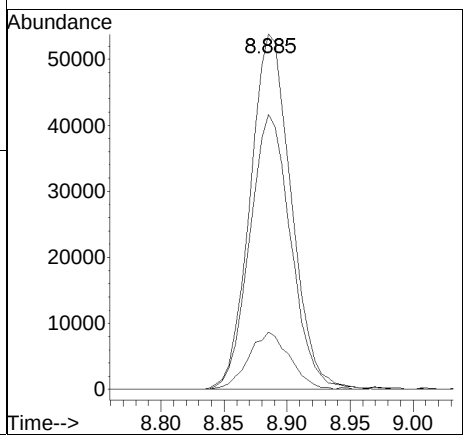


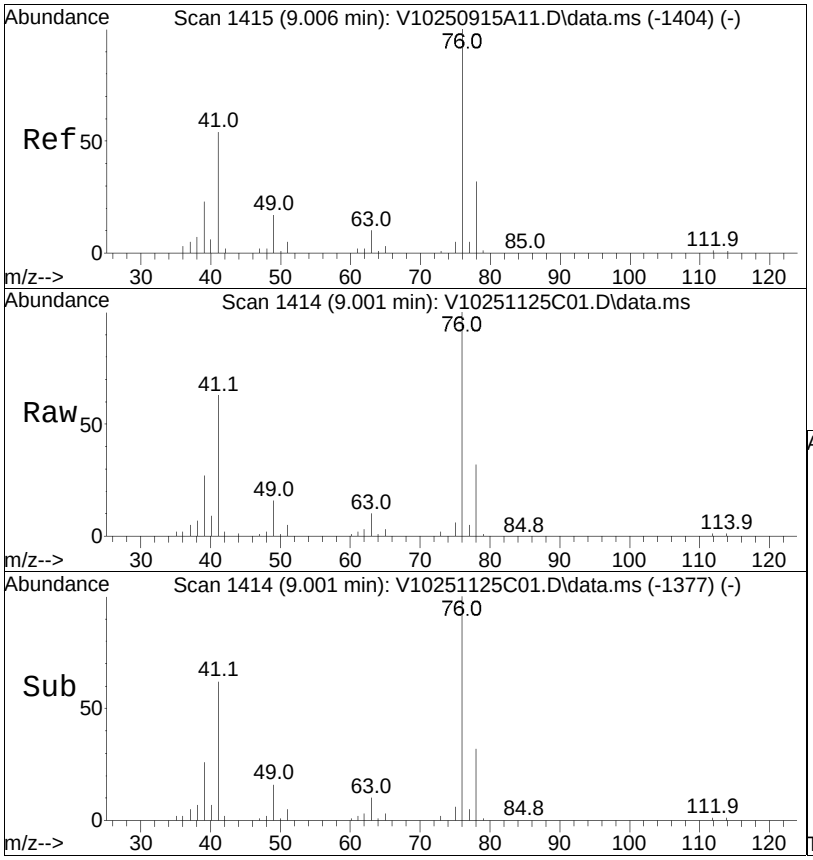


#69
Chlorodibromomethane
Concen: 45.44 ug/L
RT: 8.885 min Scan# 1392
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:129 Resp: 121957

Ion	Ratio	Lower	Upper
129	100		
81	16.2	0.0	38.1
127	77.6	56.5	96.5

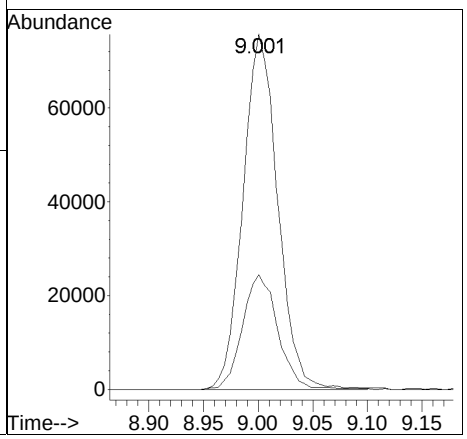


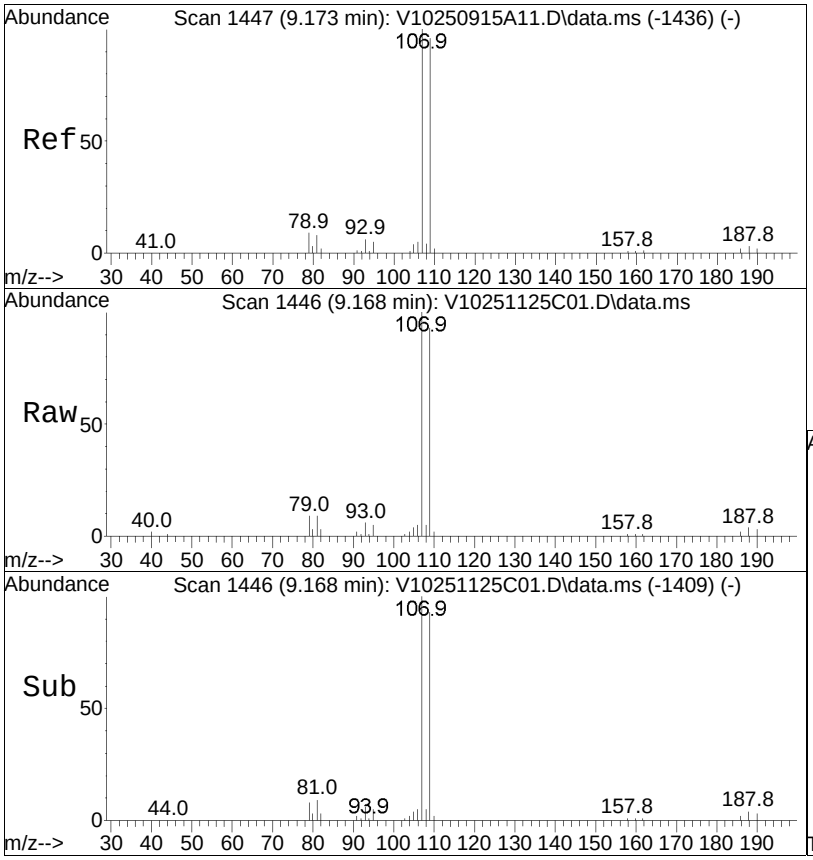


#70
1,3-Dichloropropane
Concen: 43.65 ug/L
RT: 9.001 min Scan# 1414
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 76 Resp: 167584

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.8	38.8

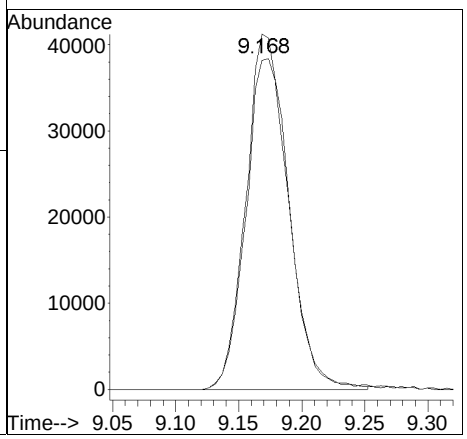


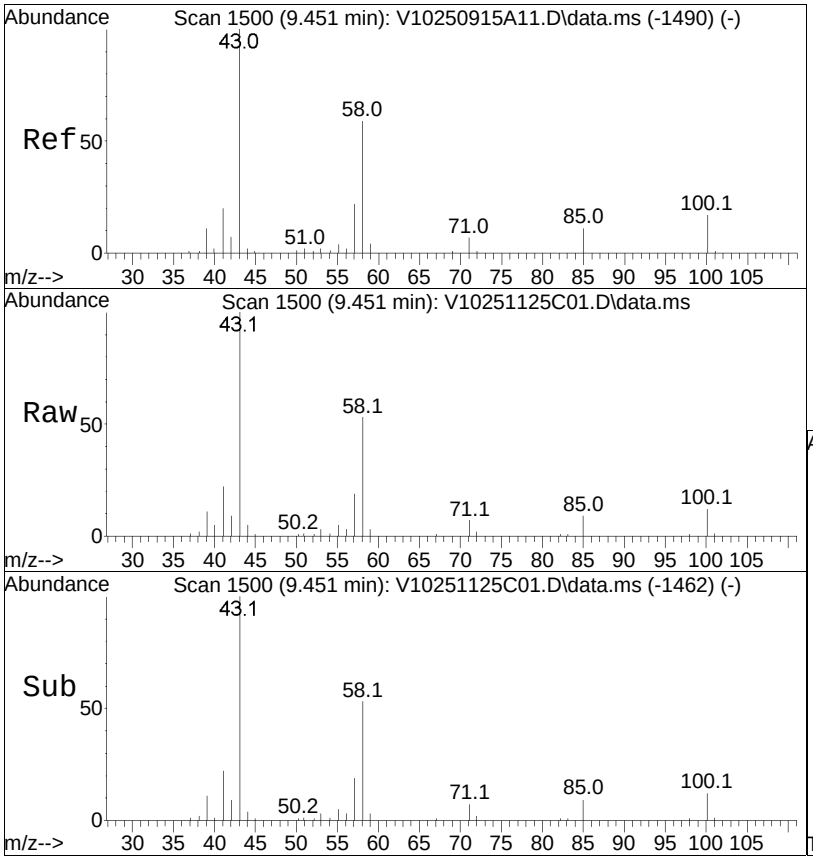


#71
1,2-Dibromoethane
Concen: 43.04 ug/L
RT: 9.168 min Scan# 1446
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:107 Resp: 96900

Ion	Ratio	Lower	Upper
107	100		
109	95.1	76.8	115.2

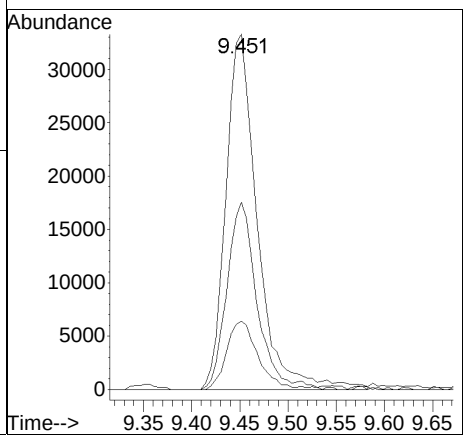


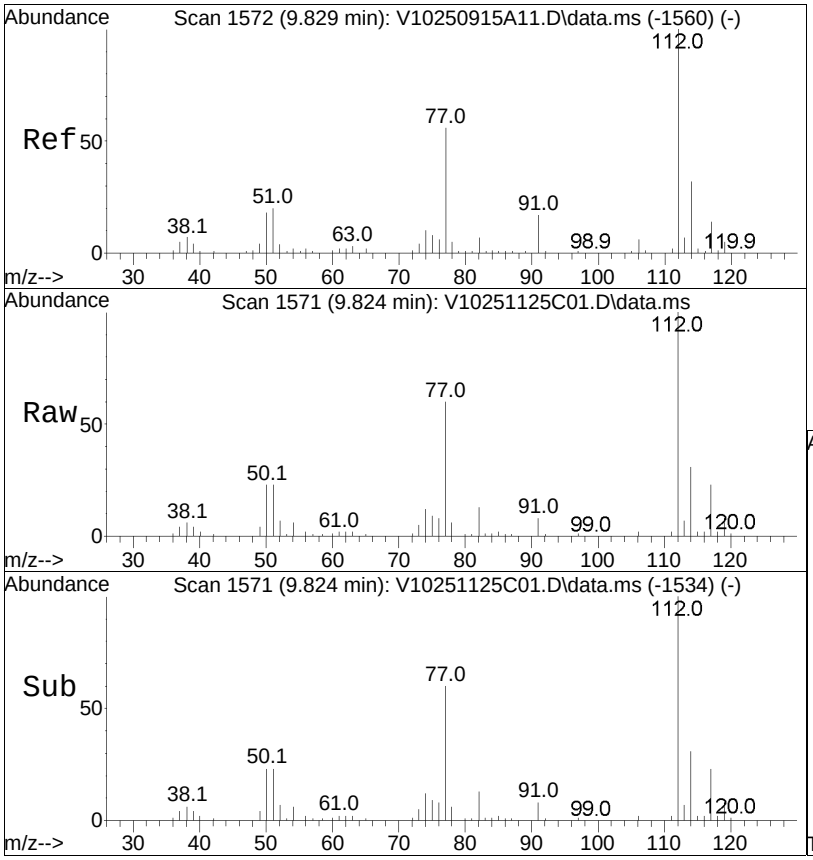


#72
2-Hexanone
Concen: 41.07 ug/L
RT: 9.451 min Scan# 1500
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 43 Resp: 75738

Ion	Ratio	Lower	Upper
43	100		
58	50.1	43.0	64.4
57	18.9	14.6	21.8

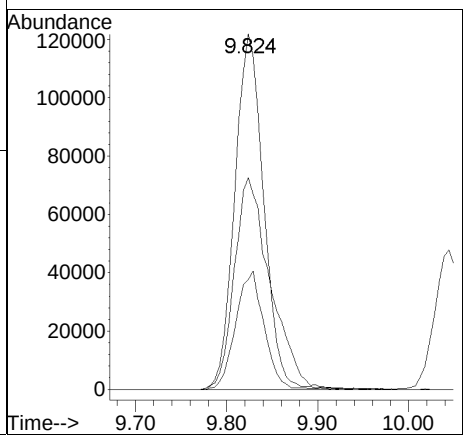


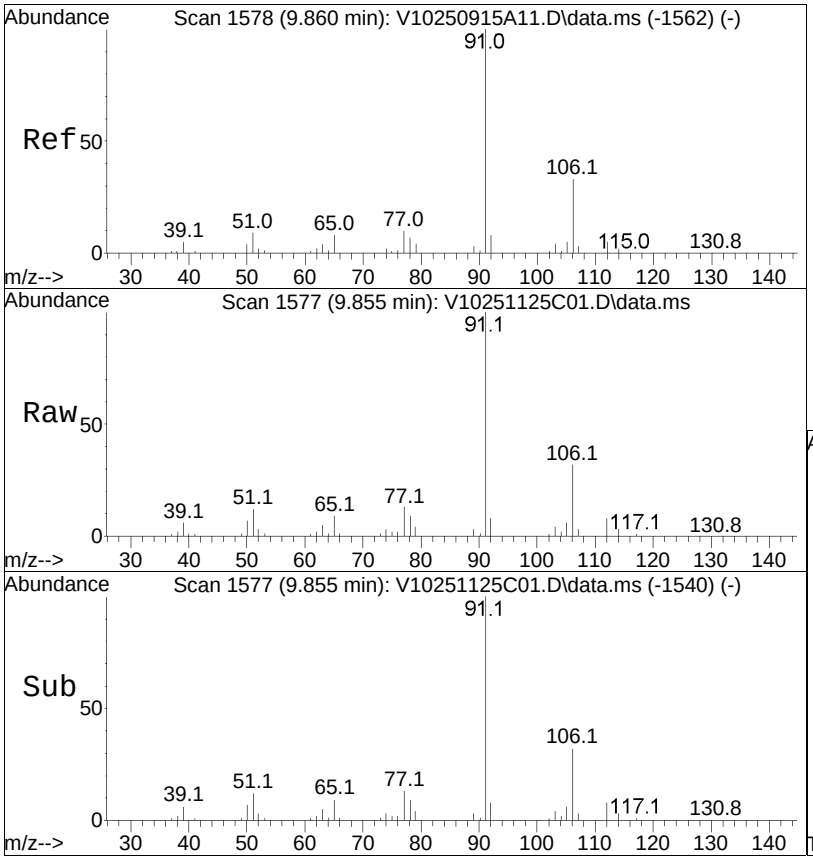


#73
Chlorobenzene
Concen: 37.11 ug/L
RT: 9.824 min Scan# 1571
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:112 Resp: 268903

Ion	Ratio	Lower	Upper
112	100		
77	74.3	47.0	70.6#
114	32.7	26.2	39.2

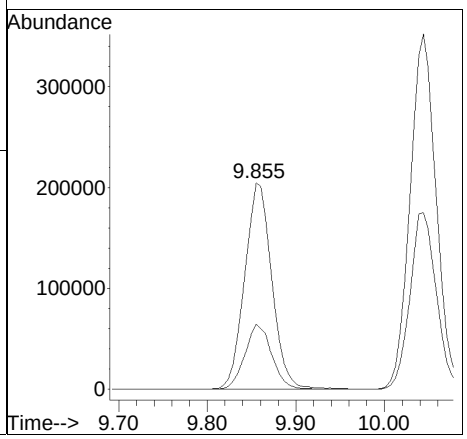


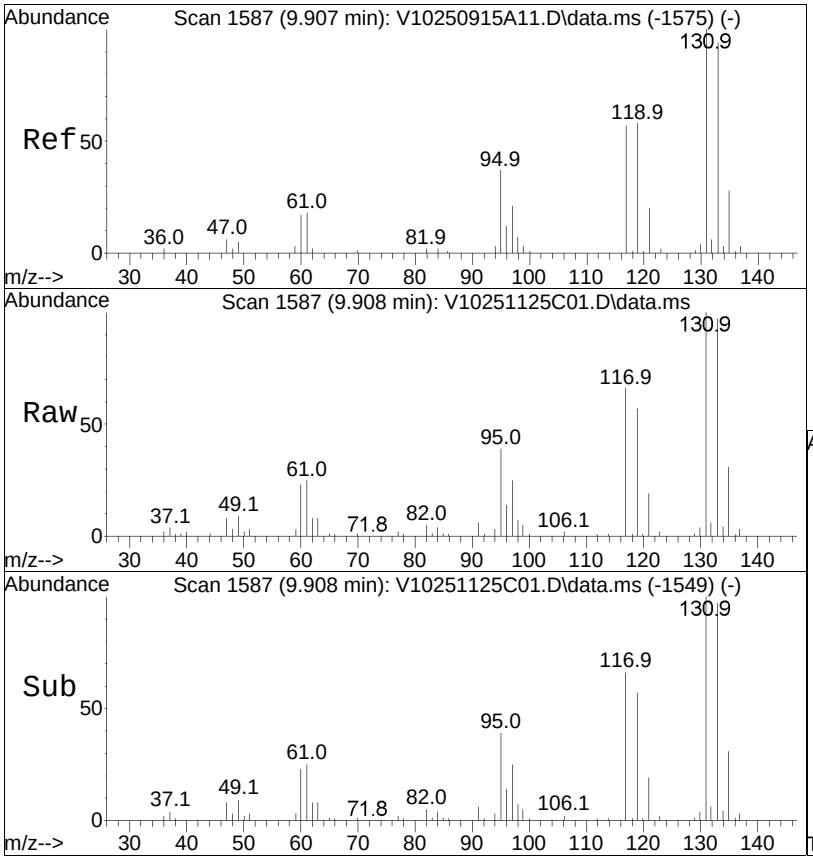


#74
Ethylbenzene
Concen: 36.23 ug/L
RT: 9.855 min Scan# 1577
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 91 Resp: 438050

Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.7	37.1

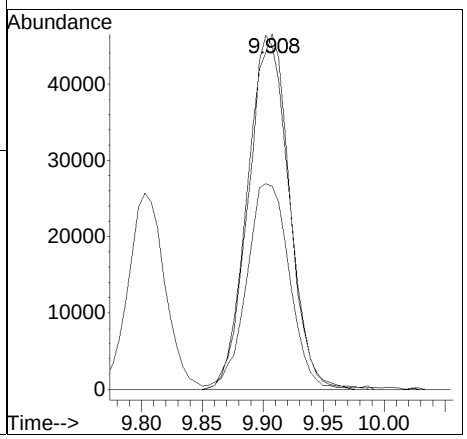


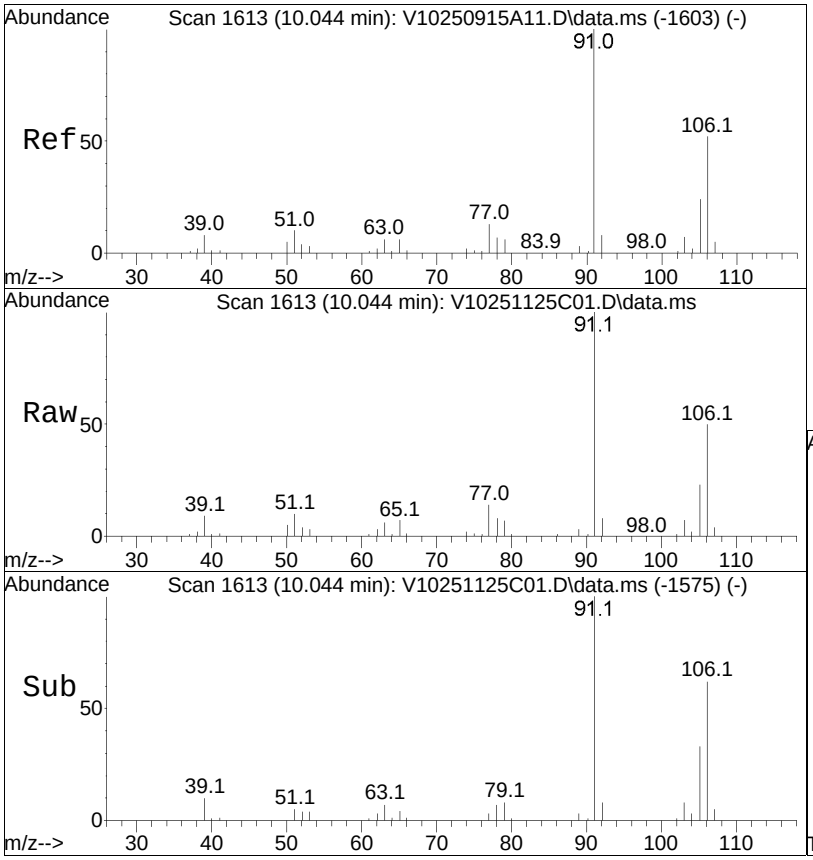


#75
1,1,1,2-Tetrachloroethane
Concen: 42.63 ug/L
RT: 9.908 min Scan# 1587
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:131 Resp: 111508

Ion	Ratio	Lower	Upper
131	100		
133	97.6	74.6	114.6
119	59.2	47.7	87.7

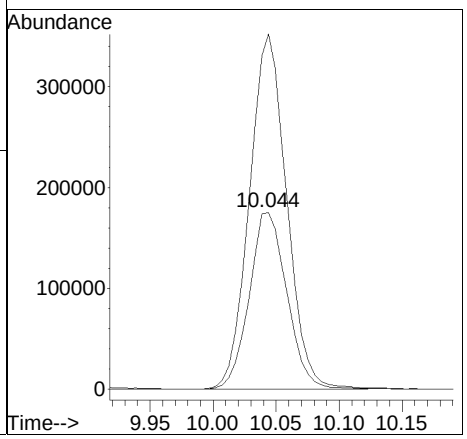


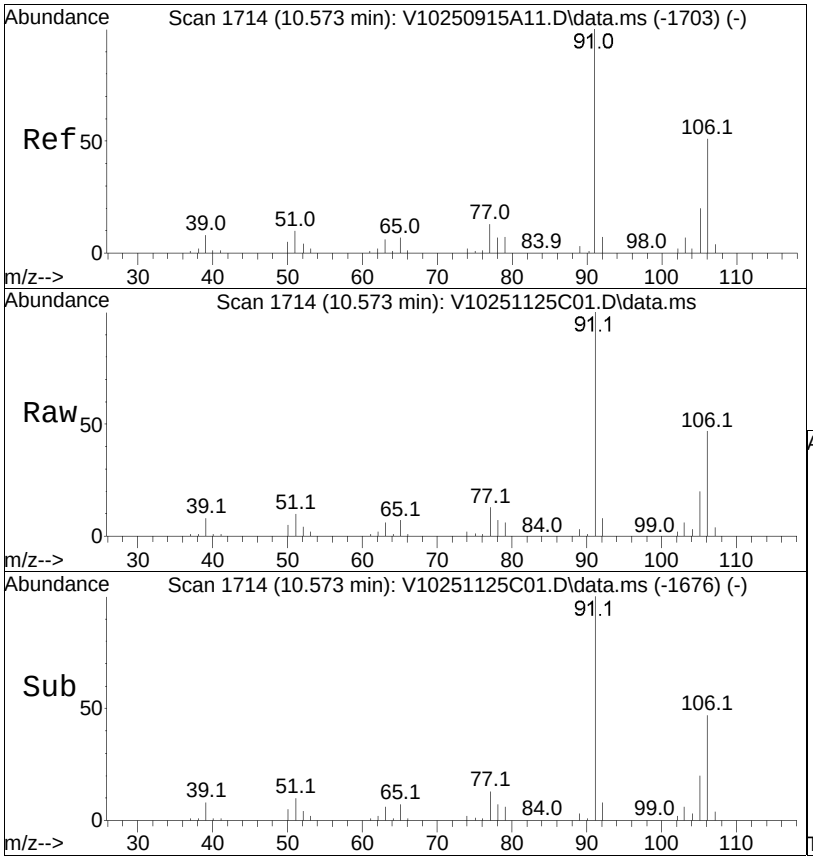


#76
p/m Xylene
Concen: 75.33 ug/L
RT: 10.044 min Scan# 1613
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:106 Resp: 364940

Ion	Ratio	Lower	Upper
106	100		
91	198.0	158.2	237.2

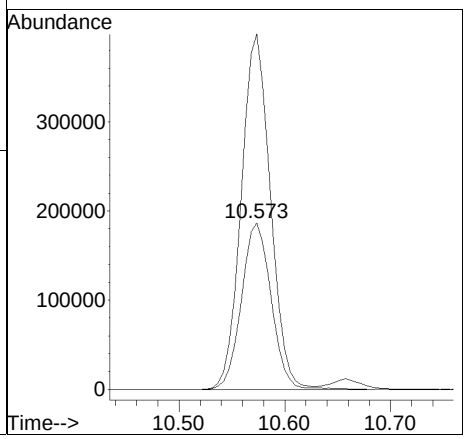


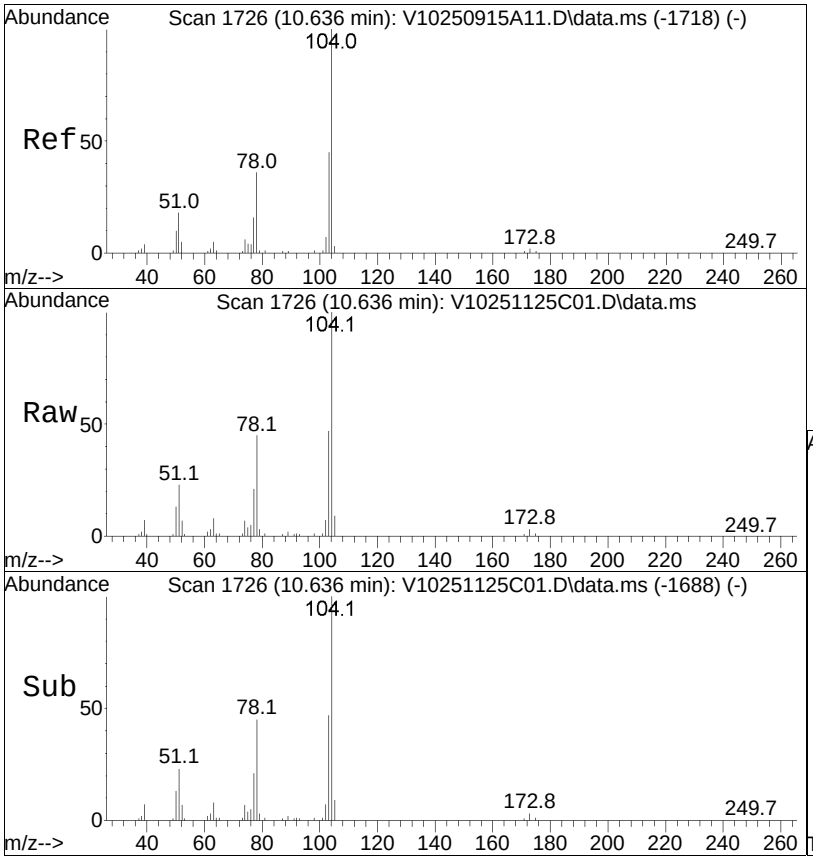


#77
o Xylene
Concen: 75.67 ug/L
RT: 10.573 min Scan# 1714
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:106 Resp: 364483

Ion	Ratio	Lower	Upper
106	100		
91	208.4	167.9	251.9

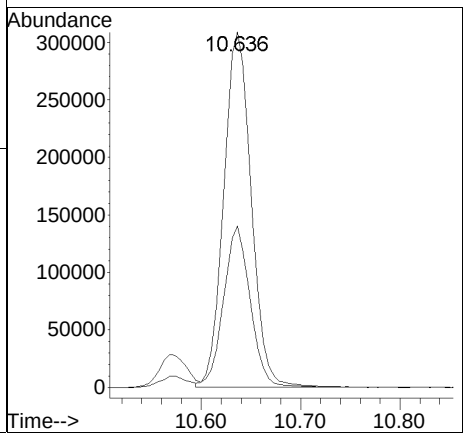


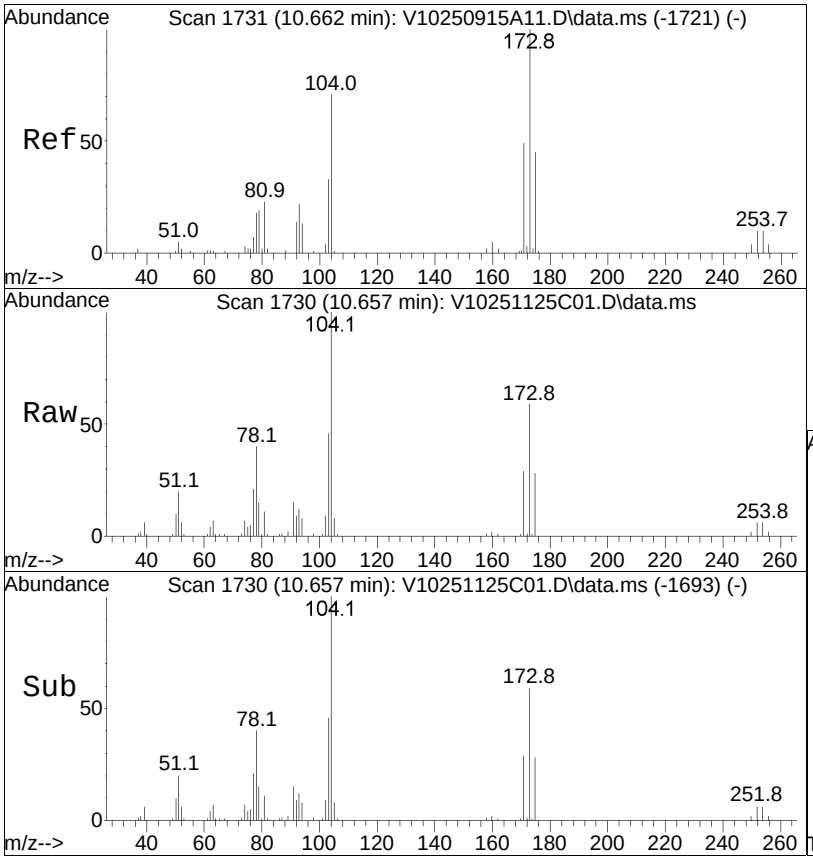


#78
Styrene
Concen: 73.18 ug/L
RT: 10.636 min Scan# 1726
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:104 Resp: 594324

Ion	Ratio	Lower	Upper
104	100		
78	43.8	33.9	50.9

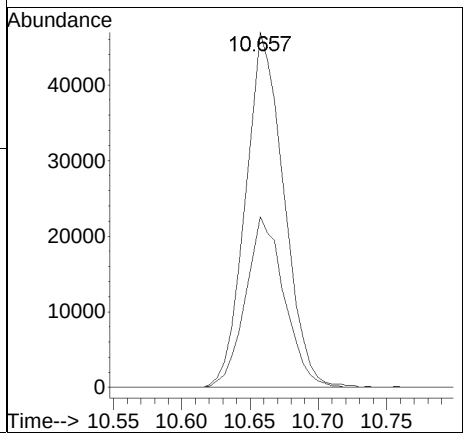


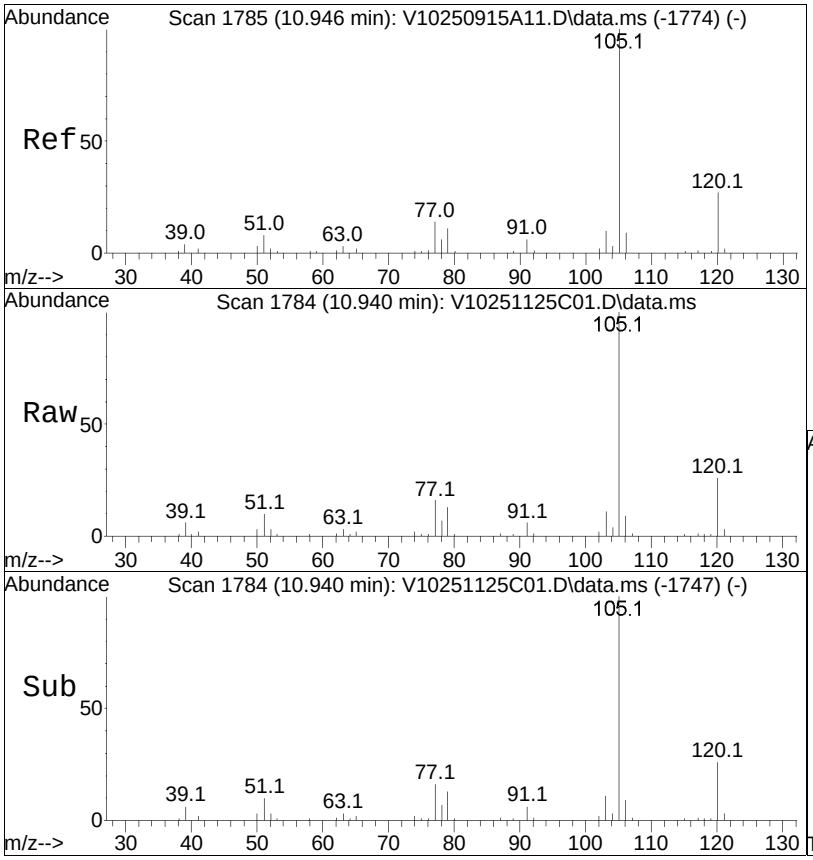


#80
Bromoform
Concen: 42.88 ug/L
RT: 10.657 min Scan# 1730
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:173 Resp: 91681

Ion	Ratio	Lower	Upper
173	100		
175	48.7	29.4	69.4

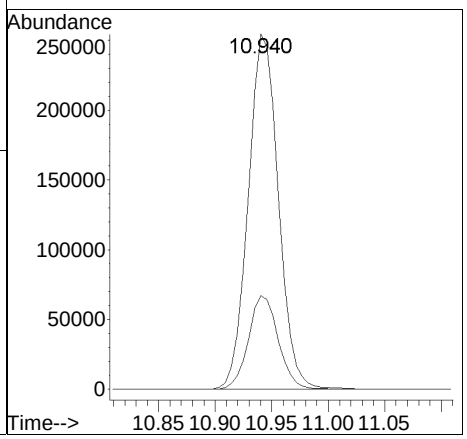


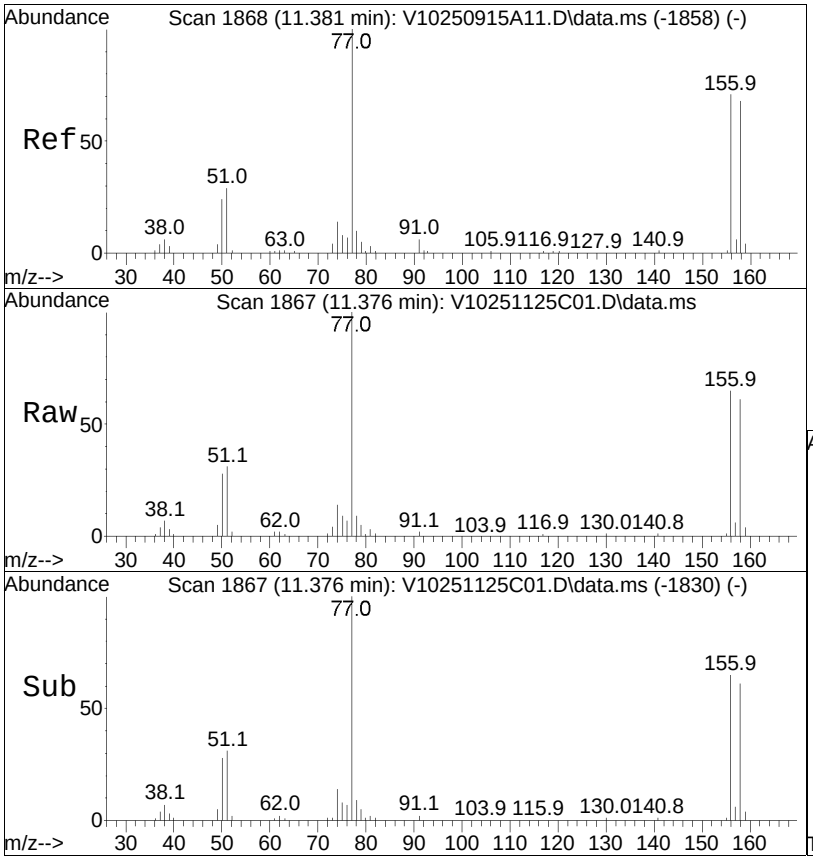


#82
Isopropylbenzene
Concen: 35.14 ug/L
RT: 10.940 min Scan# 1784
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:105 Resp: 472496

Ion	Ratio	Lower	Upper
105	100		
120	26.1	6.7	46.7

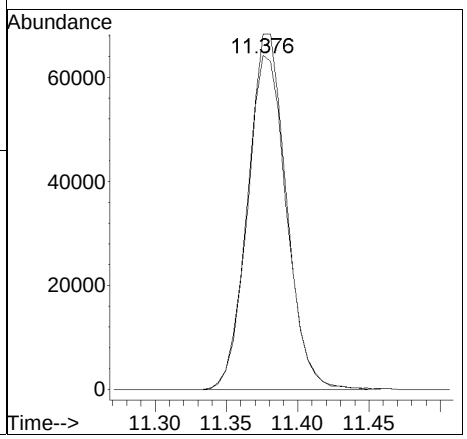


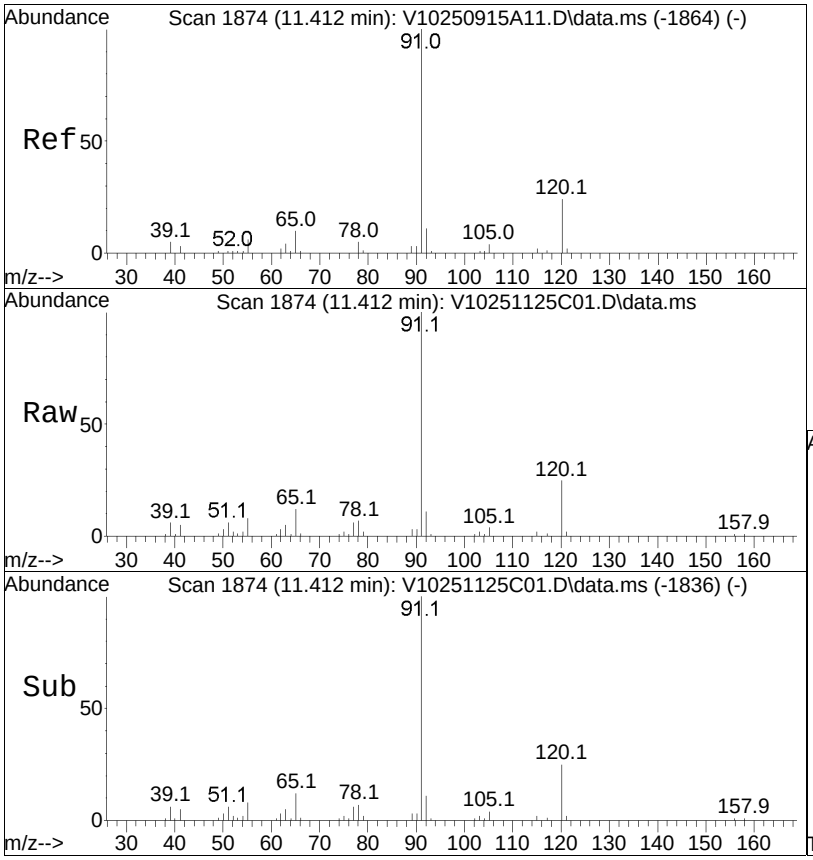


#84
Bromobenzene
Concen: 35.48 ug/L
RT: 11.376 min Scan# 1867
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:156 Resp: 128780

Ion	Ratio	Lower	Upper
156	100		
158	95.3	76.2	114.4

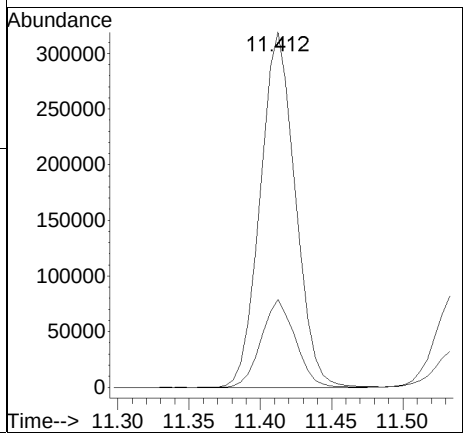


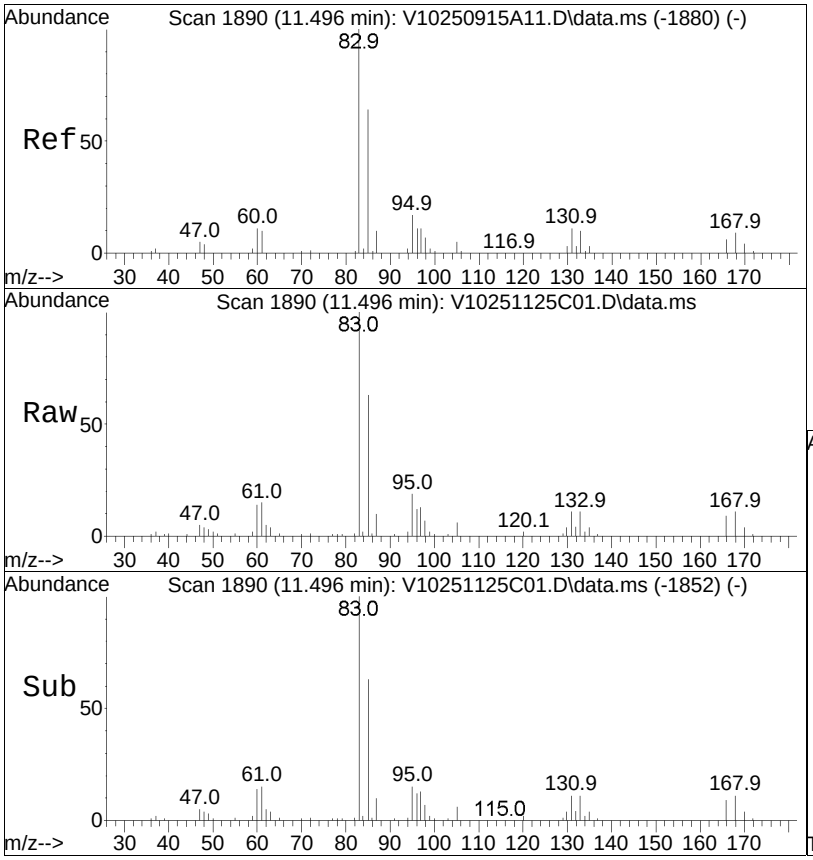


#85
n-Propylbenzene
Concen: 35.13 ug/L
RT: 11.412 min Scan# 1874
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 91 Resp: 545597

Ion	Ratio	Lower	Upper
91	100		
120	24.0	18.7	28.1

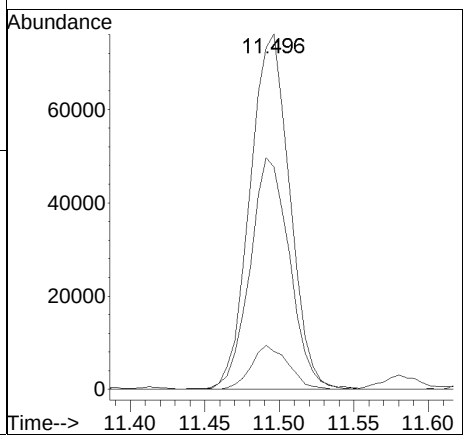


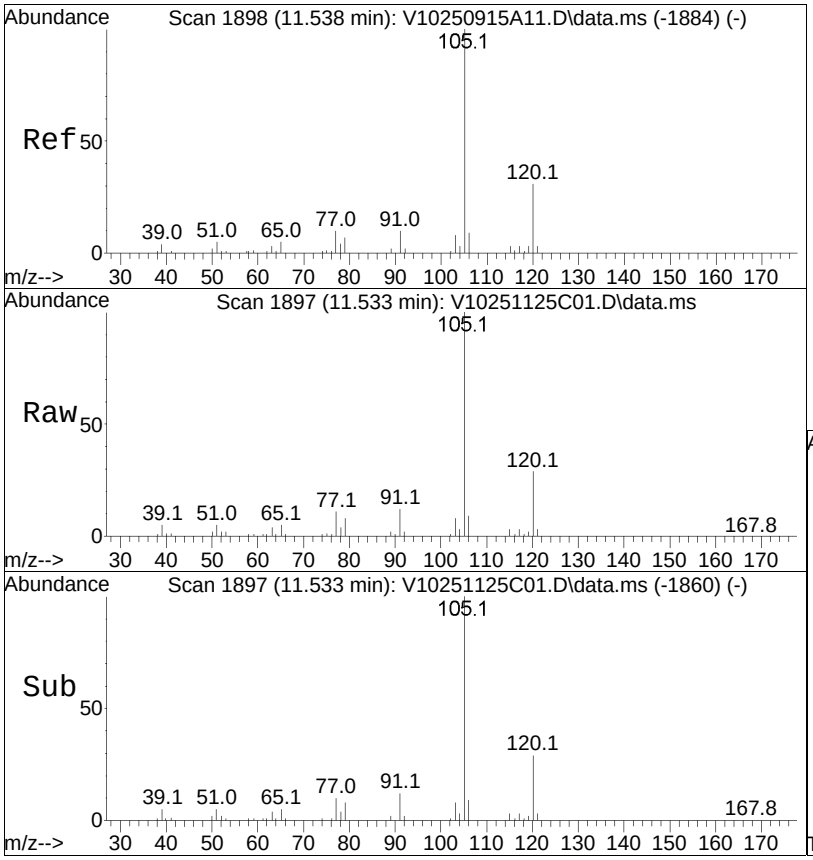


#87
1,1,2,2-Tetrachloroethane
Concen: 38.49 ug/L
RT: 11.496 min Scan# 1890
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 83 Resp: 141136

Ion	Ratio	Lower	Upper
83	100		
131	11.6	0.0	29.3
85	65.4	42.1	82.1

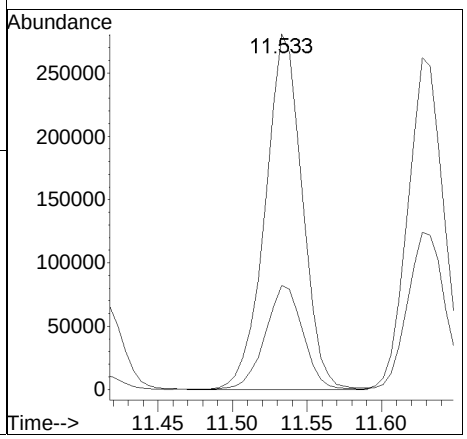


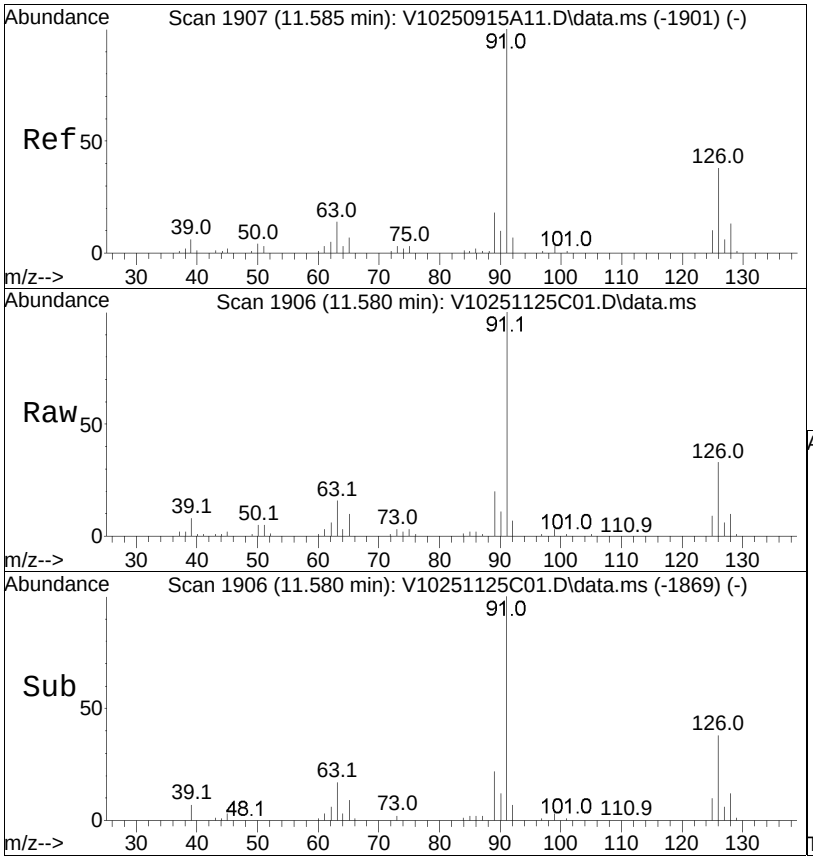


#88
4-Ethyltoluene
Concen: 35.36 ug/L
RT: 11.533 min Scan# 1897
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:105 Resp: 485197

Ion	Ratio	Lower	Upper
105	100		
120	29.7	19.8	41.2

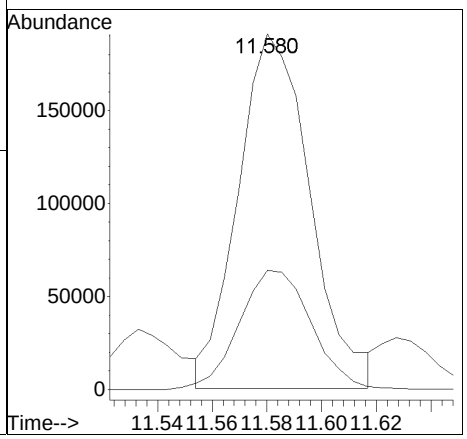


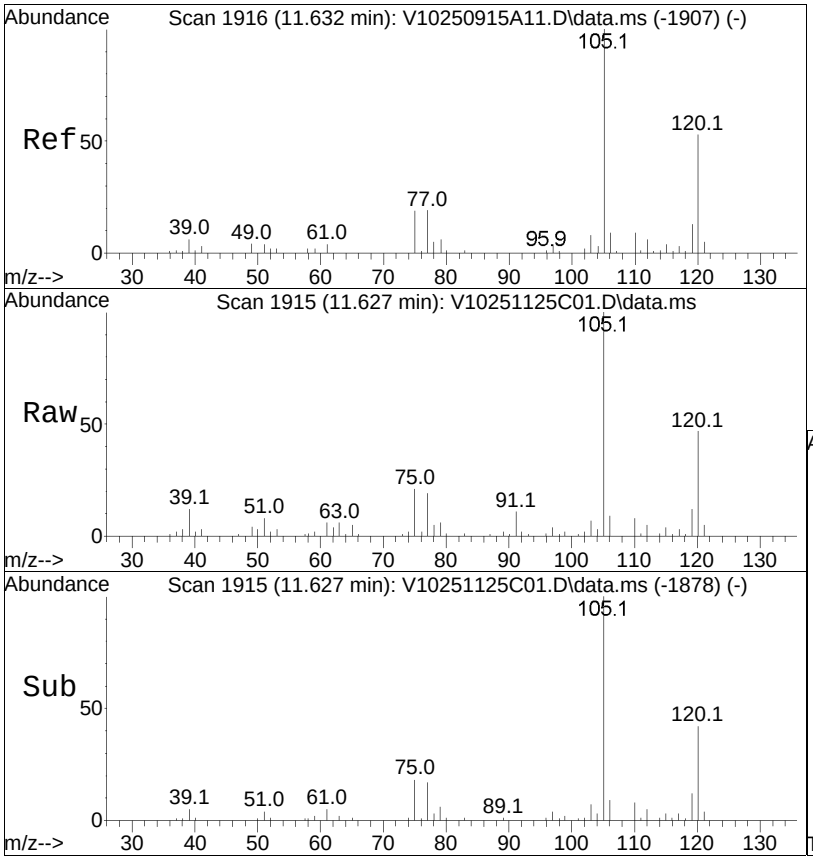


#89
2-Chlorotoluene
Concen: 36.64 ug/L
RT: 11.580 min Scan# 1906
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 91 Resp: 348350

Ion	Ratio	Lower	Upper
91	100		
126	33.8	25.9	38.9

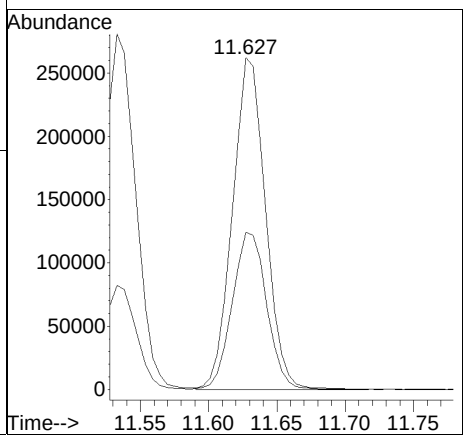


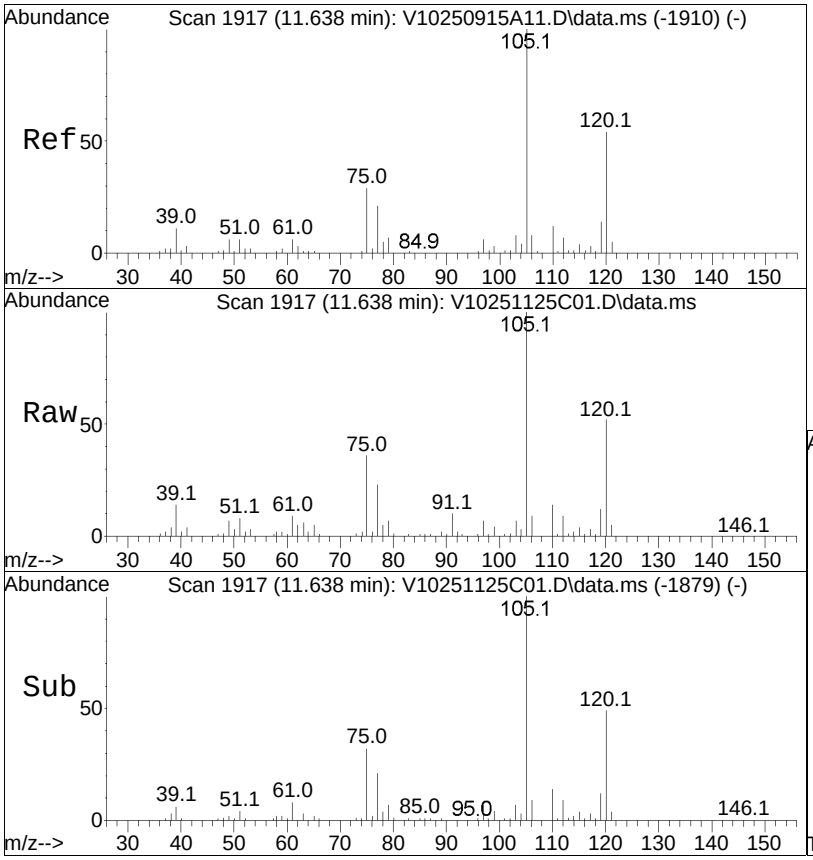


#90
1,3,5-Trimethylbenzene
Concen: 37.60 ug/L
RT: 11.627 min Scan# 1915
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:105 Resp: 440240

Ion	Ratio	Lower	Upper
105	100		
120	49.3	41.0	61.4

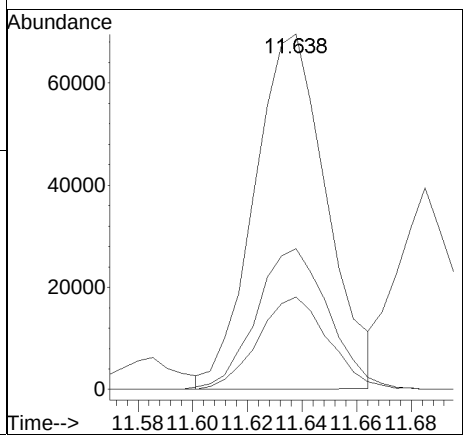


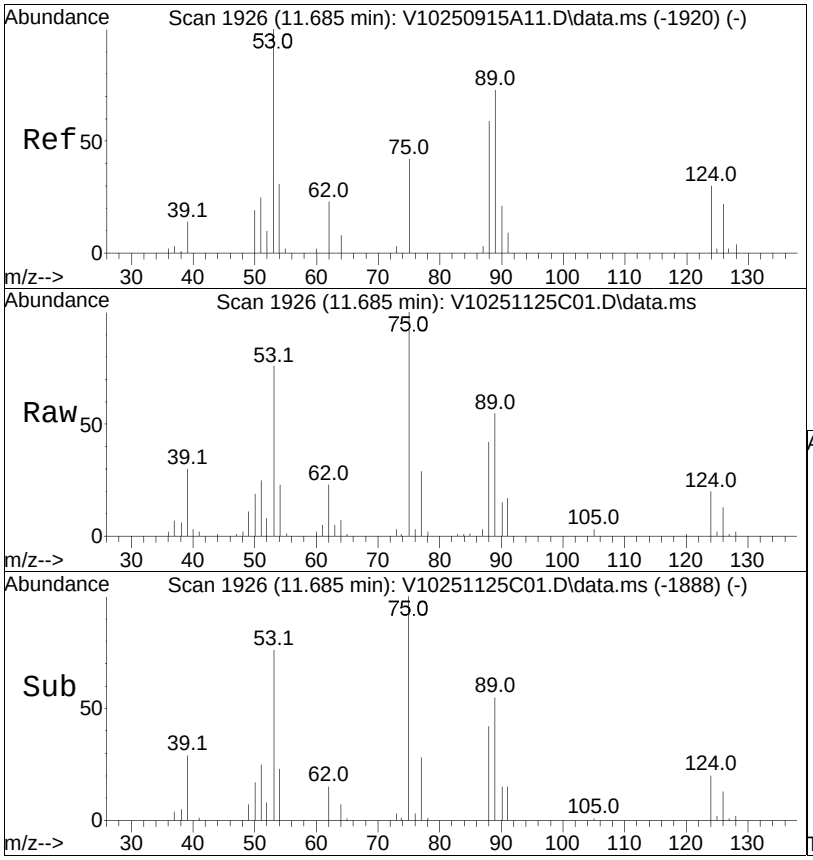


#91
1,2,3-Trichloropropane
Concen: 43.31 ug/L
RT: 11.638 min Scan# 1917
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 75 Resp: 127990

Ion	Ratio	Lower	Upper
75	100		
110	39.6	24.3	50.5
112	25.3	16.0	33.2

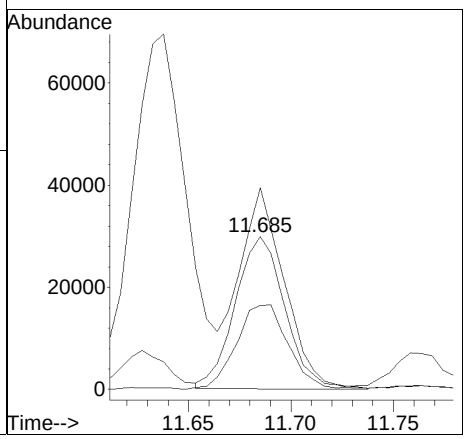


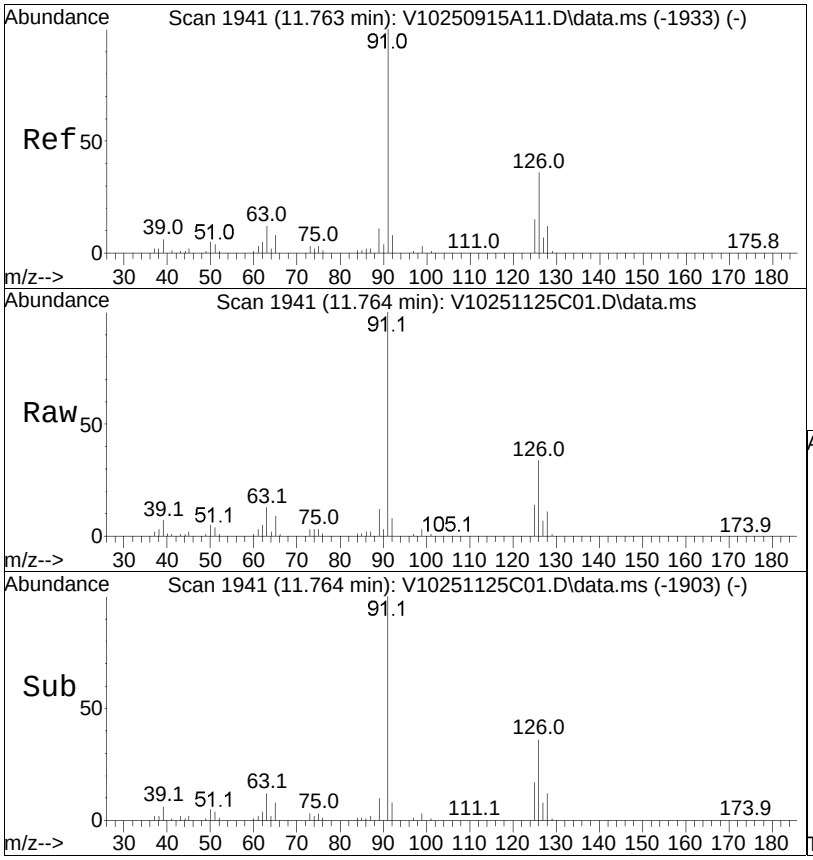


#92
trans-1,4-Dichloro-2-butene
Concen: 47.23 ug/L
RT: 11.685 min Scan# 1926
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 53 Resp: 50301

Ion	Ratio	Lower	Upper
53	100		
88	58.3	39.1	58.7
75	119.5	101.6	152.4

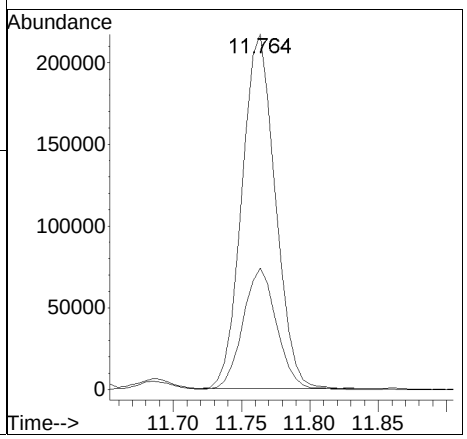


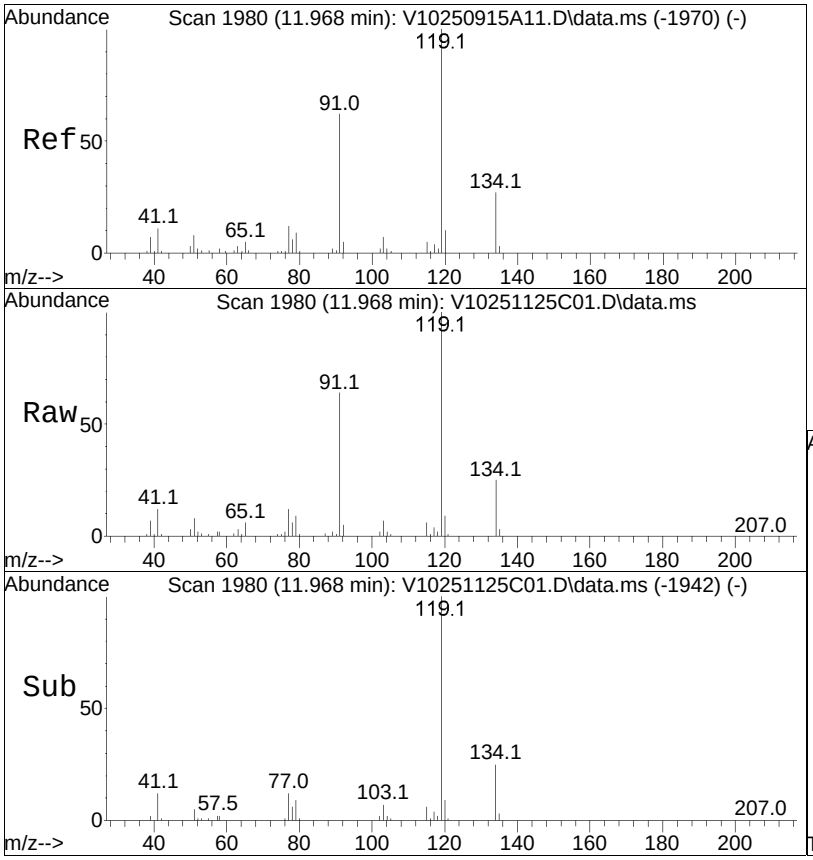


#93
4-Chlorotoluene
Concen: 36.76 ug/L
RT: 11.764 min Scan# 1941
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 91 Resp: 368181

Ion	Ratio	Lower	Upper
91	100		
126	34.6	26.4	39.6

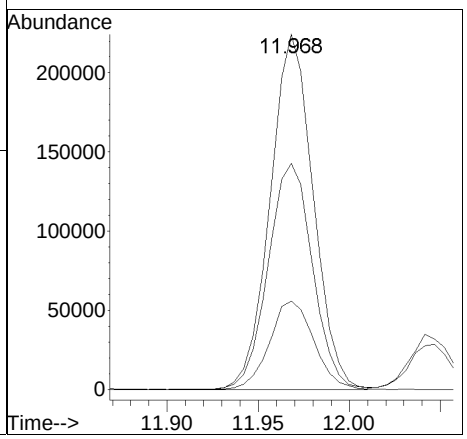


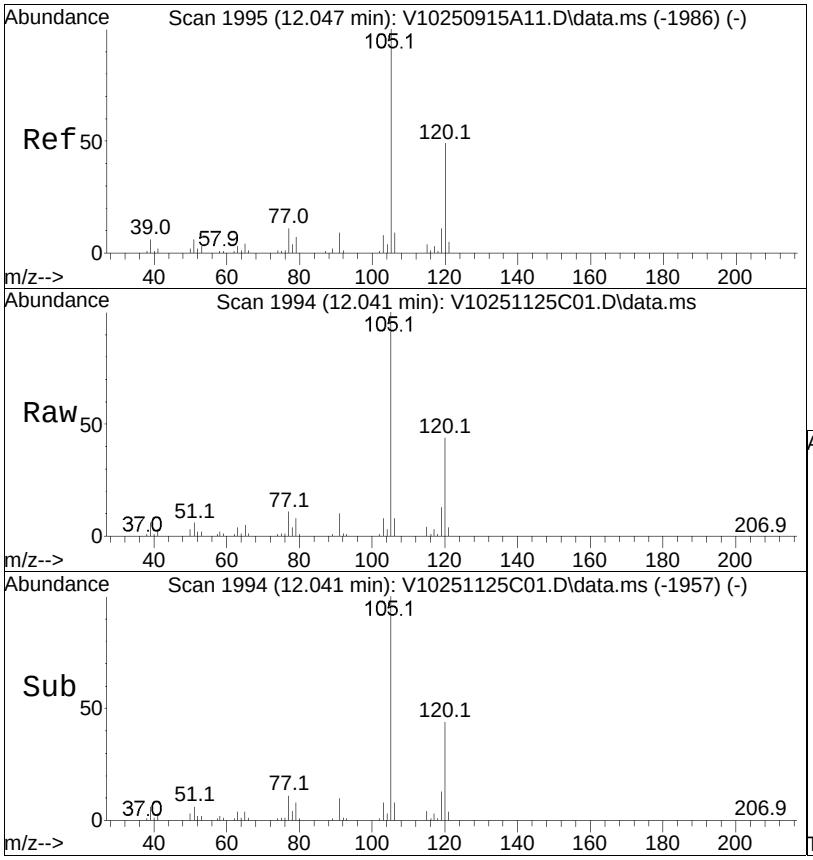


#94
tert-Butylbenzene
Concen: 36.40 ug/L
RT: 11.968 min Scan# 1980
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:119 Resp: 368130

Ion	Ratio	Lower	Upper
119	100		
91	65.8	49.0	73.4
134	25.7	20.0	30.0

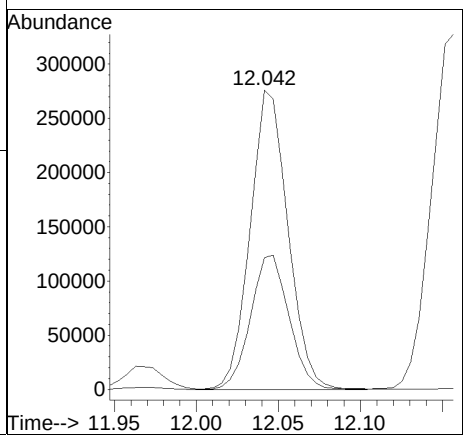


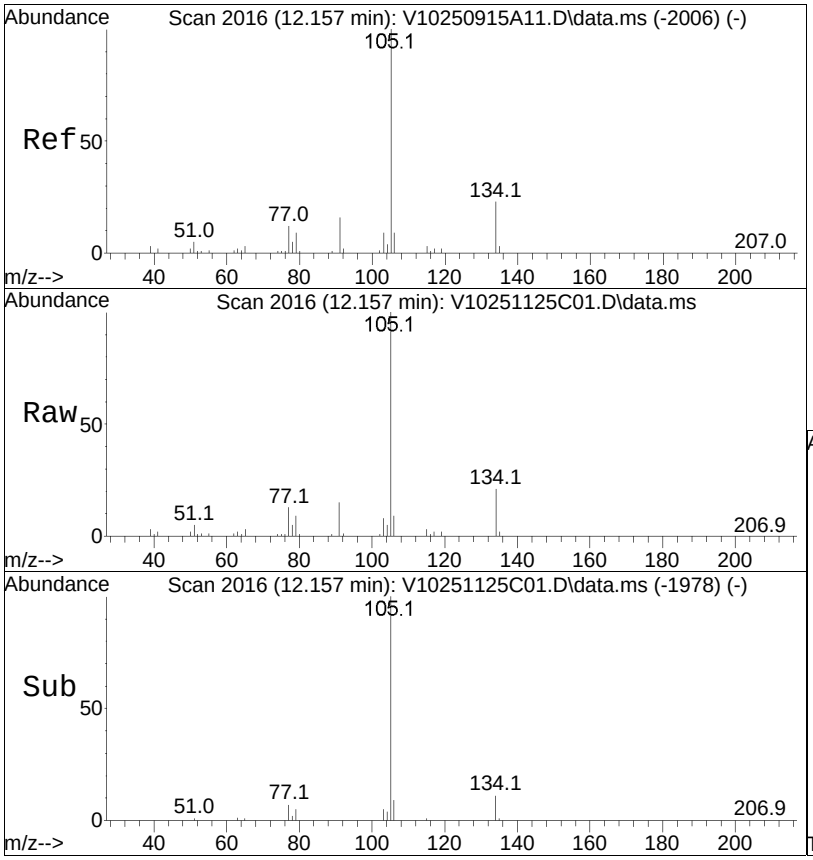


#97
1,2,4-Trimethylbenzene
Concen: 38.34 ug/L
RT: 12.041 min Scan# 1994
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:105 Resp: 442805

Ion	Ratio	Lower	Upper
105	100		
120	45.4	37.8	56.6

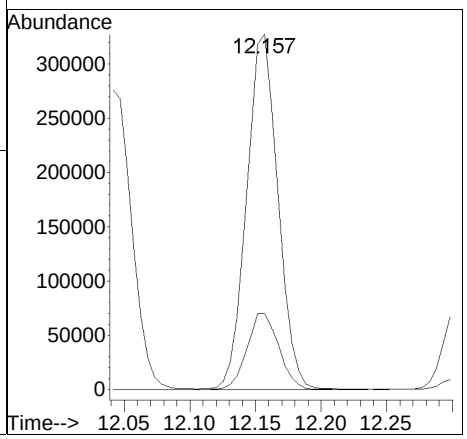


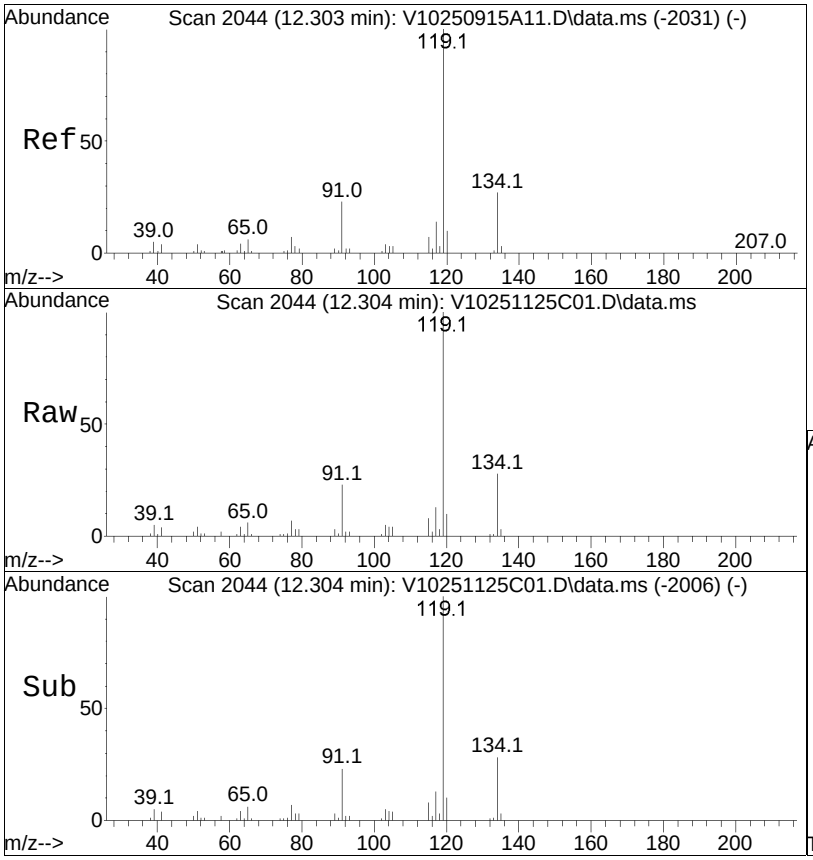


#98
sec-Butylbenzene
Concen: 37.23 ug/L
RT: 12.157 min Scan# 2016
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:105 Resp: 544737

Ion	Ratio	Lower	Upper
105	100		
134	21.6	13.0	27.0

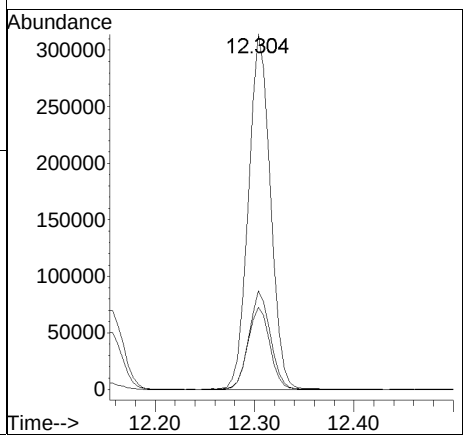


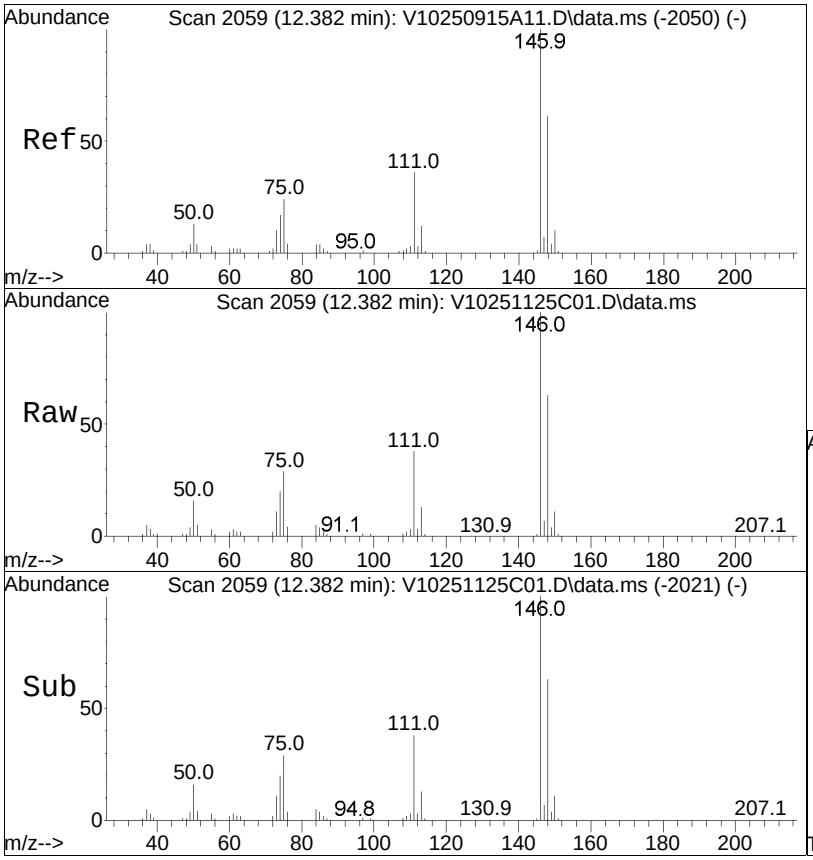


#99
p-Isopropyltoluene
Concen: 36.83 ug/L
RT: 12.304 min Scan# 2044
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:119 Resp: 483772

Ion	Ratio	Lower	Upper
119	100		
134	27.0	16.7	34.7
91	23.2	15.1	31.3

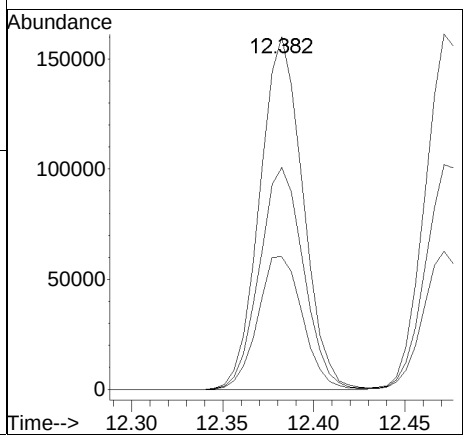


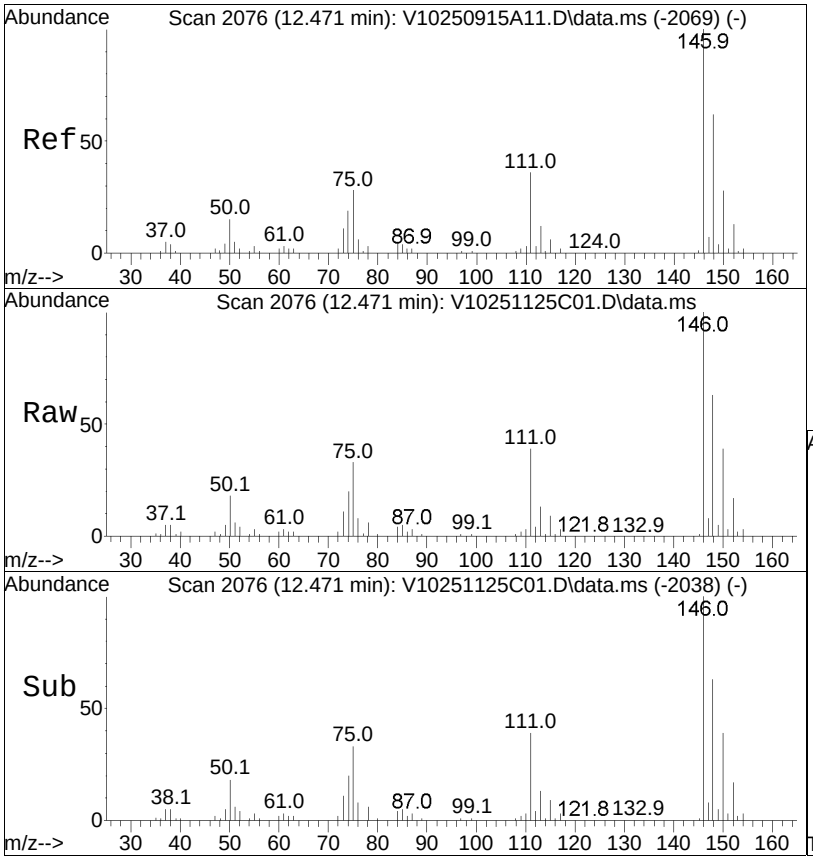


#100
1,3-Dichlorobenzene
Concen: 37.58 ug/L
RT: 12.382 min Scan# 2059
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:146 Resp: 263450

Ion	Ratio	Lower	Upper
146	100		
111	39.1	26.5	55.1
148	64.6	41.5	86.1

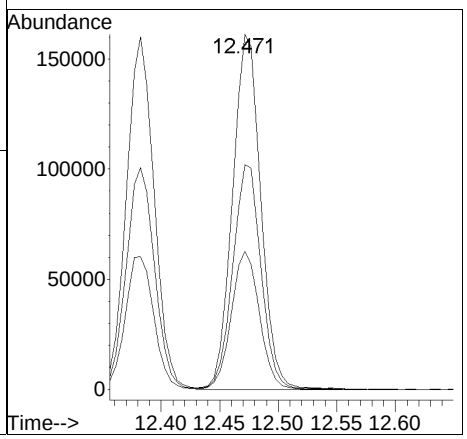


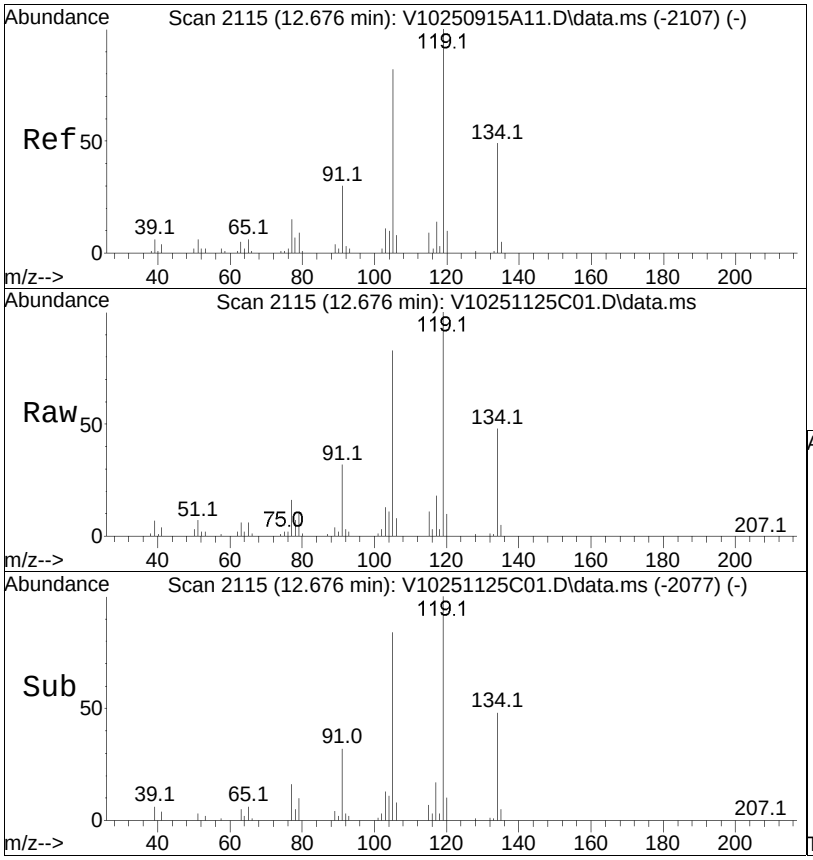


#101
1,4-Dichlorobenzene
Concen: 37.24 ug/L
RT: 12.471 min Scan# 2076
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:146 Resp: 270698

Ion	Ratio	Lower	Upper
146	100		
111	38.7	30.8	46.2
148	63.2	50.6	76.0

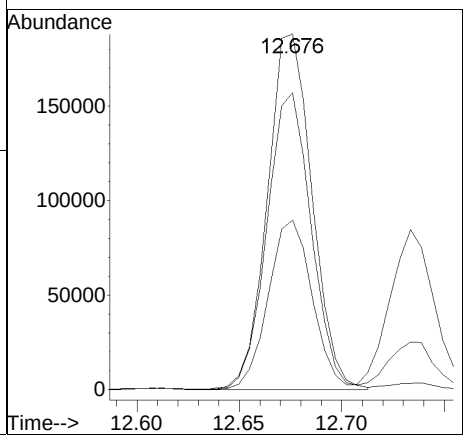


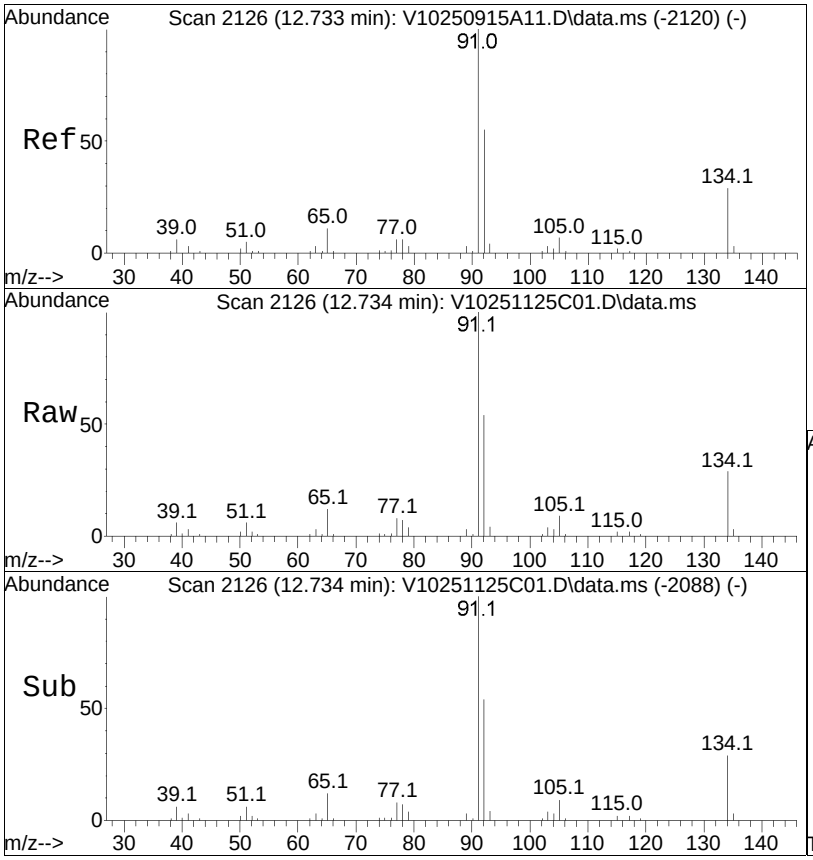


#102
p-Diethylbenzene
Concen: 35.93 ug/L
RT: 12.676 min Scan# 2115
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:119 Resp: 285268

Ion	Ratio	Lower	Upper
119	100		
105	82.8	55.5	115.3
134	46.8	30.4	63.0

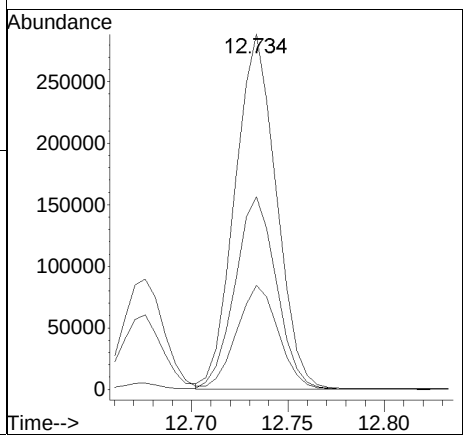


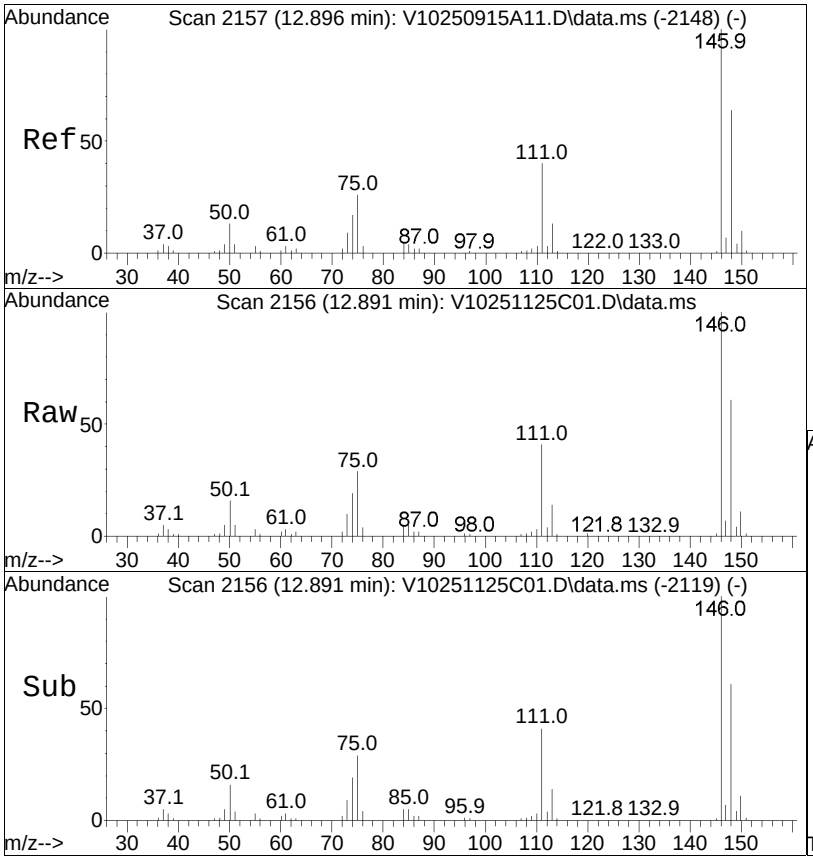


#103
n-Butylbenzene
Concen: 38.77 ug/L
RT: 12.734 min Scan# 2126
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 91 Resp: 429561

Ion	Ratio	Lower	Upper
91	100		
92	54.7	43.1	64.7
134	29.6	21.2	31.8

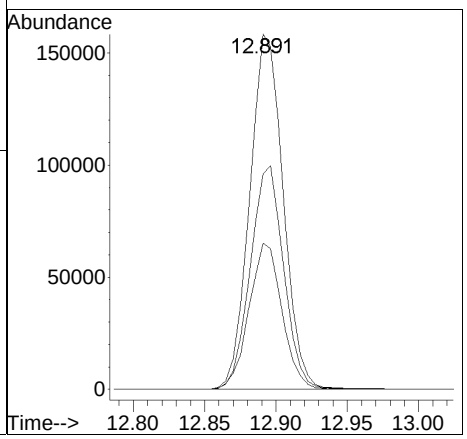


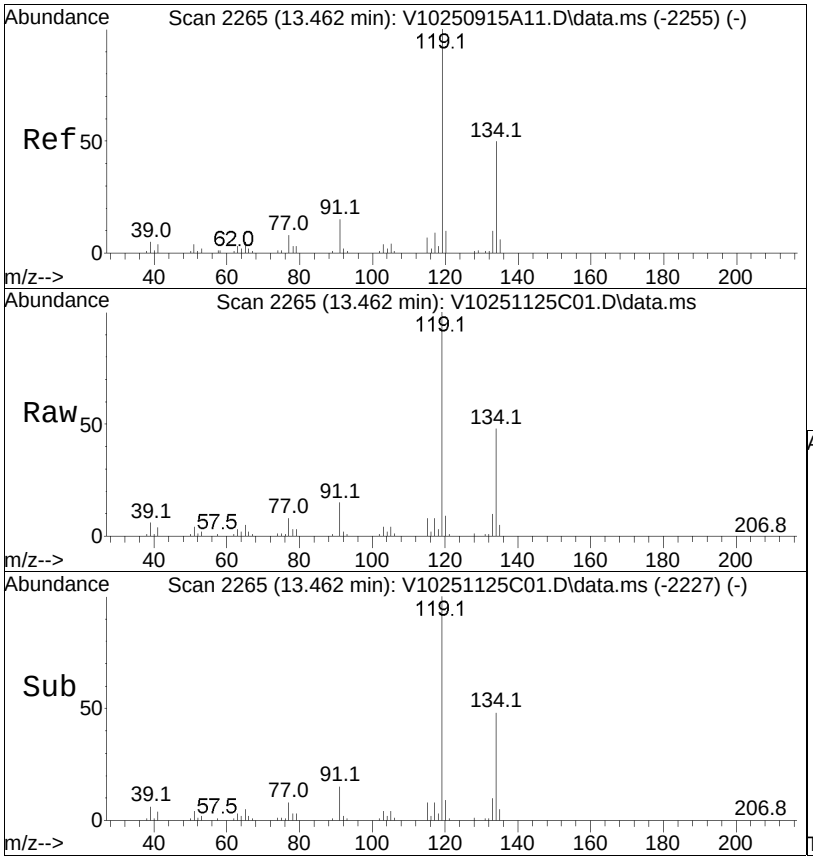


#104
1,2-Dichlorobenzene
Concen: 38.66 ug/L
RT: 12.891 min Scan# 2156
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:146 Resp: 259353

Ion	Ratio	Lower	Upper
146	100		
111	40.6	26.8	55.8
148	62.6	41.3	85.7

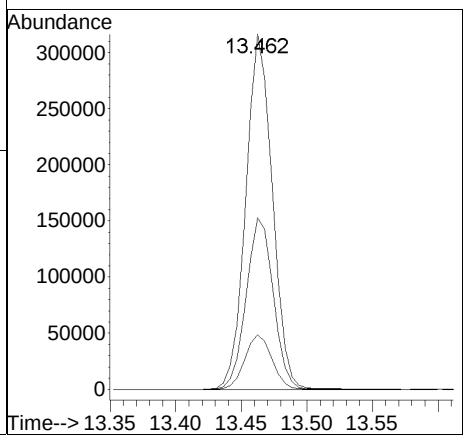


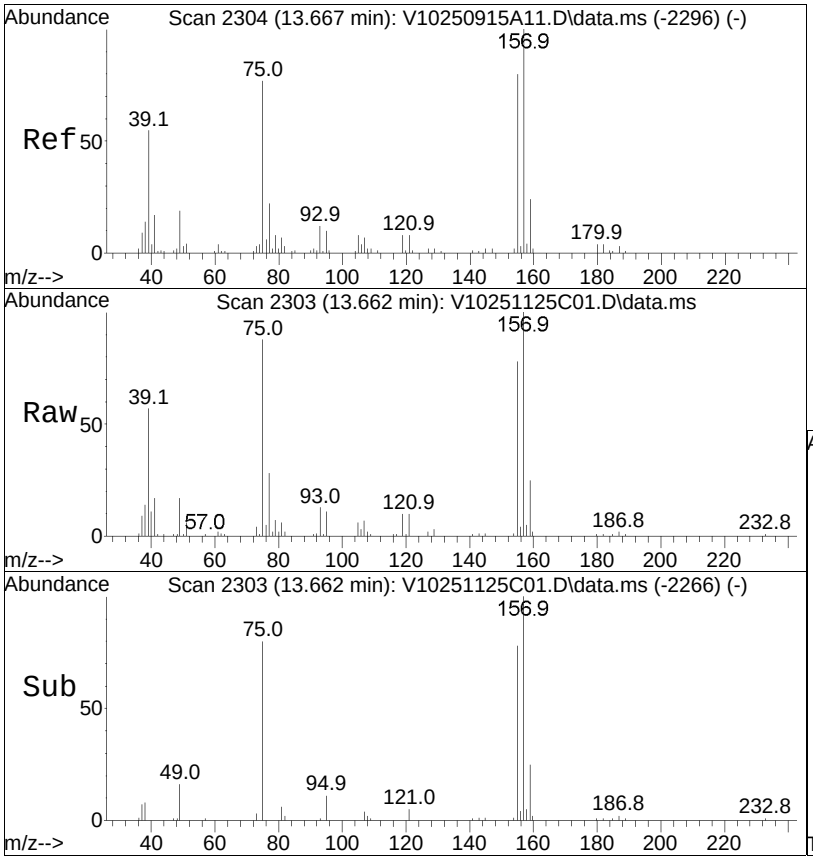


#105
1,2,4,5-Tetramethylbenzene
Concen: 35.26 ug/L
RT: 13.462 min Scan# 2265
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:119 Resp: 446359

Ion	Ratio	Lower	Upper
119	100		
134	49.4	30.0	62.2
91	15.8	10.3	21.3

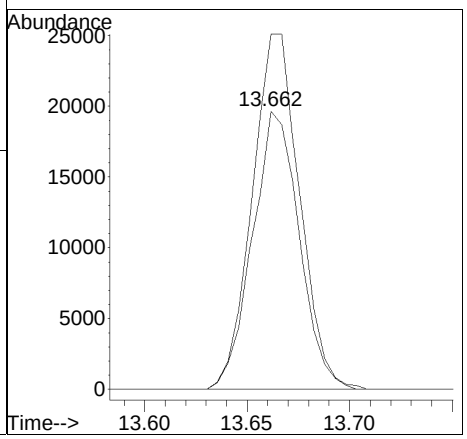


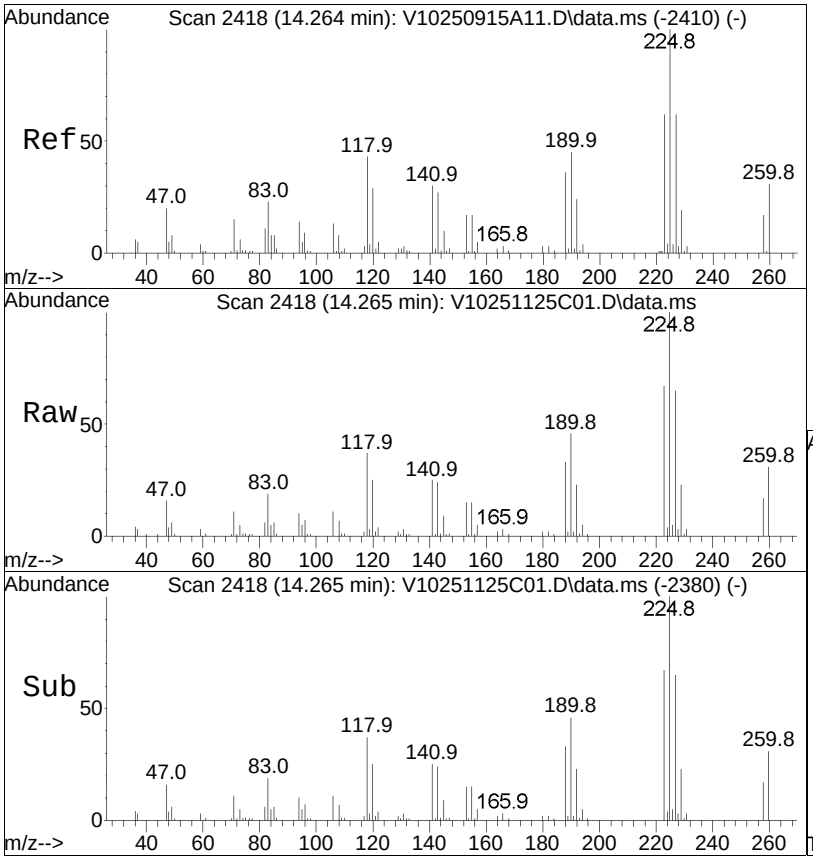


#106
1,2-Dibromo-3-chloropropane
Concen: 42.57 ug/L
RT: 13.662 min Scan# 2303
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:155 Resp: 31225

Ion	Ratio	Lower	Upper
155	100		
157	129.5	98.7	148.1

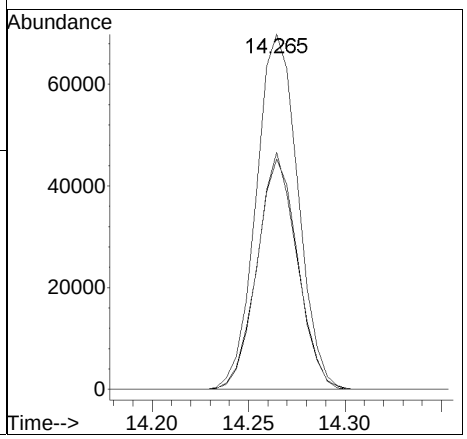


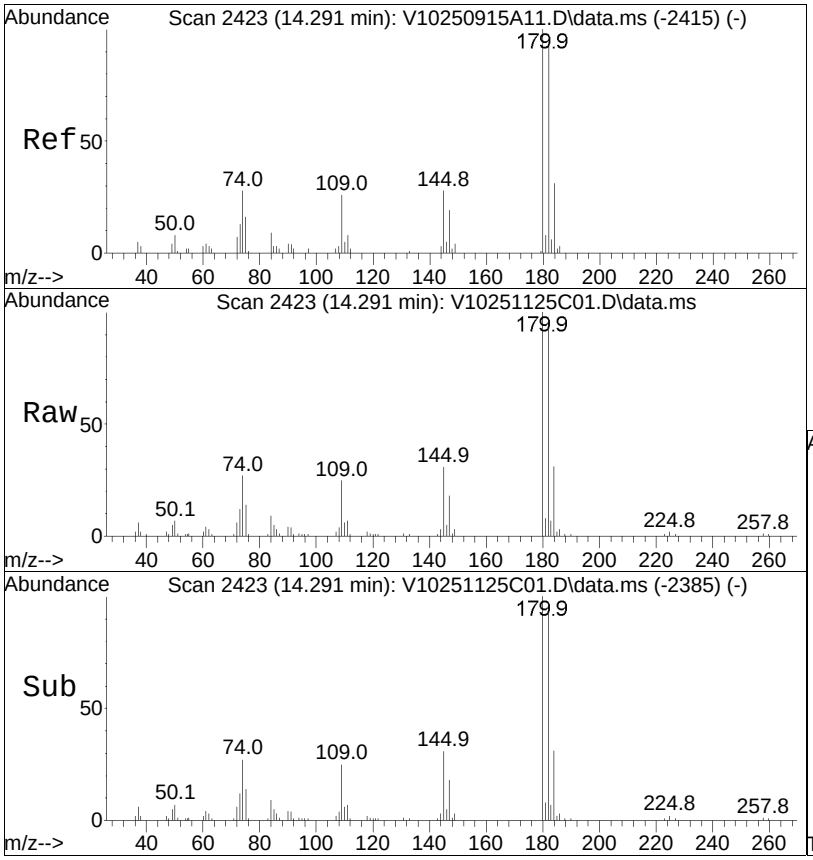


#108
Hexachlorobutadiene
Concen: 45.68 ug/L
RT: 14.265 min Scan# 2418
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:225 Resp: 105509

Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.1	76.7
227	63.4	51.9	77.9

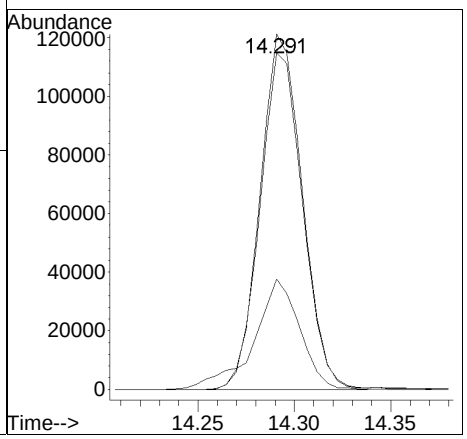


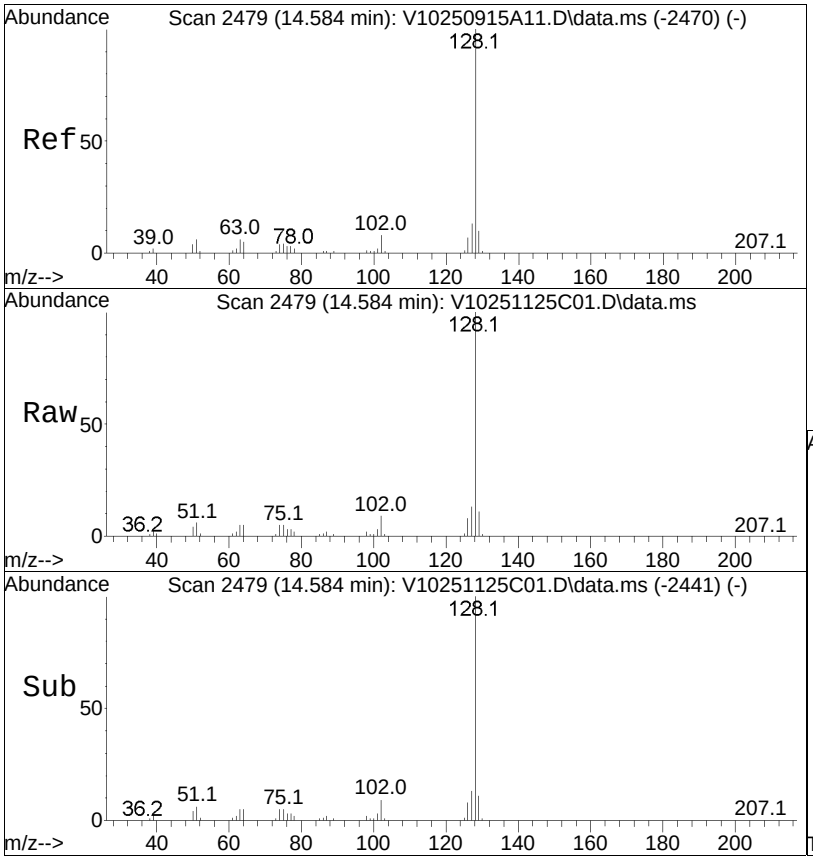


#109
1,2,4-Trichlorobenzene
Concen: 39.59 ug/L
RT: 14.291 min Scan# 2423
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:180 Resp: 184427

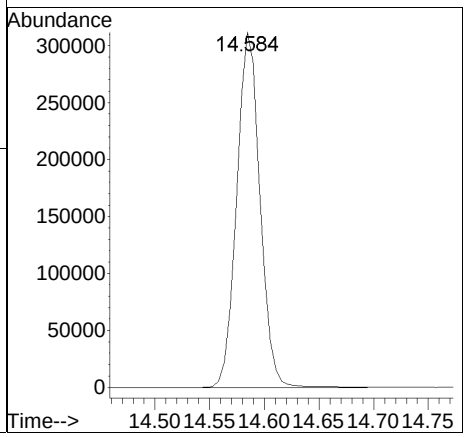
Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.1	115.7
145	33.7	26.6	39.8

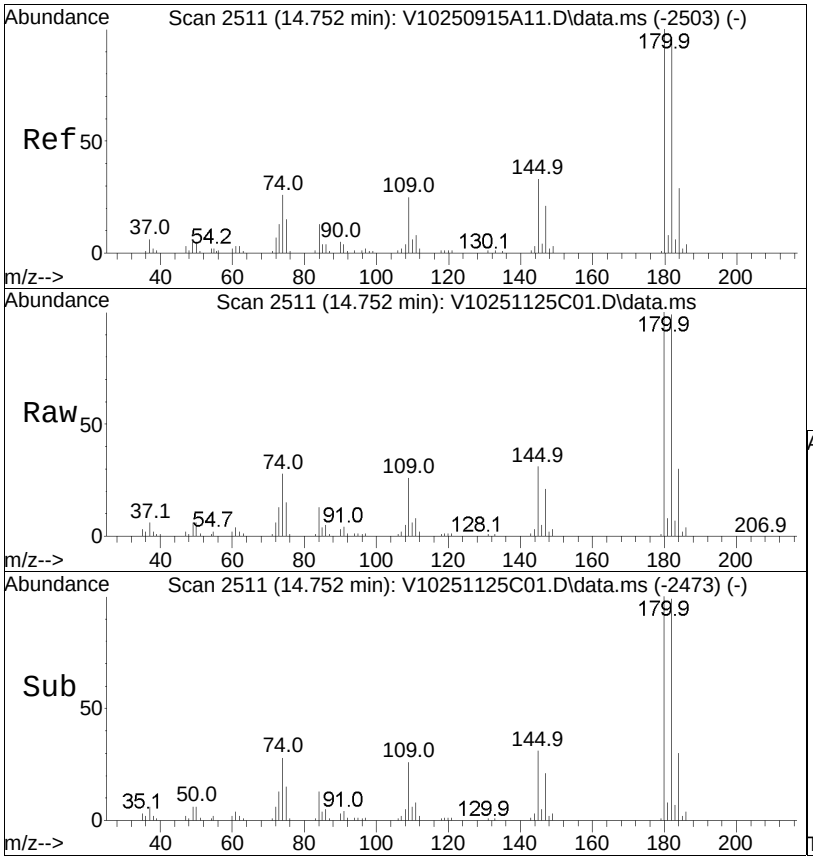




#110
Naphthalene
Concen: 36.61 ug/L
RT: 14.584 min Scan# 2479
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:128 Resp: 461008

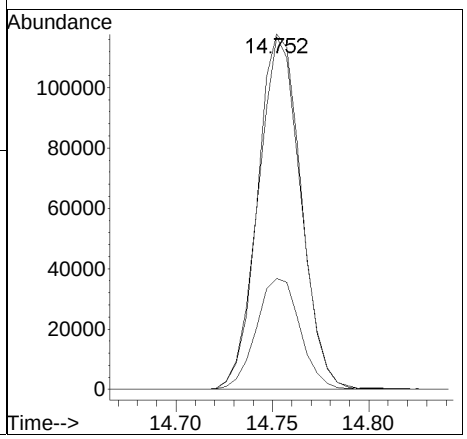




#111
1,2,3-Trichlorobenzene
Concen: 40.90 ug/L
RT: 14.752 min Scan# 2511
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:180 Resp: 185354

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.3	114.5
145	31.3	28.1	42.1



Manual Integration Report

Data Path	: K:\VOA110\2025\251125C\	QMethod	: V110_250915A_8260.m
Data File	: V10251125C01.D	Operator	: VOA110:AJK
Date Inj'd	: 11/25/2025 2:01 pm	Instrument	: VOA110
Sample	: WG2147003-3,31,5,5	Quant Date	: 11/25/2025 2:23 pm

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147004-3,31h,15,15,0.1
Misc : WG2147004,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.248	96	204110	20.000	ug/L	0.00
Standard Area 1 = 204110			Recovery = 100.00%			
59) Chlorobenzene-d5	9.803	117	167631	20.000	ug/L	0.00
Standard Area 1 = 167631			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.456	152	107503	20.000	ug/L	0.00
Standard Area 1 = 107503			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.425	113	51980	18.939	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.69%			
43) 1,2-Dichloroethane-d4	5.965	65	70943	25.307	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 126.54%			
60) Toluene-d8	7.947	98	198565	19.201	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.01%			
83) 4-Bromofluorobenzene	11.266	95	82411	18.281	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.755	85	101613	42.663	ug/L	99
3) Chloromethane	1.954	50	96587	35.199	ug/L	99
4) Vinyl chloride	2.033	62	82126	26.178	ug/L	97
5) Bromomethane	2.363	94	59169	20.496	ug/L	93
6) Chloroethane	2.489	64	57408	24.552	ug/L	97
7) Trichlorofluoromethane	2.630	101	146898	33.939	ug/L	99
8) Ethyl ether	2.940	74	57011	28.224	ug/L	89
10) 1,1-Dichloroethene	3.139	96	66669	25.185	ug/L	94
11) Carbon disulfide	3.170	76	238035	24.335	ug/L	99
15) Methylene chloride	3.700	84	86923	30.865	ug/L	90
17) Acetone	3.747	43	56151	54.249	ug/L #	38
18) trans-1,2-Dichloroethene	3.857	96	80222	31.935	ug/L	99
20) Methyl tert-butyl ether	3.962	73	334886	43.185	ug/L	97
23) 1,1-Dichloroethane	4.455	63	169341	37.838	ug/L	99
25) Acrylonitrile	4.502	53	37269	42.950	ug/L #	89
27) Vinyl acetate	4.691	43	257504	52.497	ug/L	97
28) cis-1,2-Dichloroethene	4.984	96	93256	33.654	ug/L	91
29) 2,2-Dichloropropane	5.084	77	151801	40.236	ug/L	94
30) Bromochloromethane	5.178	128	50001	37.396	ug/L	95
32) Chloroform	5.241	83	179358	38.897	ug/L	98

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147004-3,31h,15,15,0.1
Misc : WG2147004,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	5.383	117	146812	44.783	ug/L		98
37) 1,1,1-Trichloroethane	5.456	97	157633	43.954	ug/L		99
39) 2-Butanone	5.551	43	49628	49.667	ug/L	#	15
40) 1,1-Dichloropropene	5.577	75	119269	39.531	ug/L		99
41) Benzene	5.823	78	355672	37.550	ug/L		98
44) 1,2-Dichloroethane	6.028	62	161285	50.735	ug/L		99
48) Trichloroethene	6.426	95	94921	37.732	ug/L		98
50) Dibromomethane	6.867	93	63793	40.064	ug/L	#	86
51) 1,2-Dichloropropane	6.977	63	97259	39.372	ug/L	#	93
54) Bromodichloromethane	7.040	83	153862	44.989	ug/L		99
57) 1,4-Dioxane	7.260	88	63495	2167.957	ug/L		99
58) cis-1,3-Dichloropropene	7.737	75	162502	41.801	ug/L		98
61) Toluene	8.010	92	240135	38.046	ug/L		97
62) 4-Methyl-2-pentanone	8.440	58	39633	42.102	ug/L		95
63) Tetrachloroethene	8.461	166	102816	41.345	ug/L		99
65) trans-1,3-Dichloropropene	8.487	75	168315	46.181	ug/L		93
68) 1,1,2-Trichloroethane	8.670	83	77880	42.502	ug/L		97
69) Chlorodibromomethane	8.885	129	121957	45.435	ug/L		98
70) 1,3-Dichloropropane	9.001	76	167584	43.652	ug/L		99
71) 1,2-Dibromoethane	9.168	107	96900	43.045	ug/L		99
72) 2-Hexanone	9.451	43	75738	41.074	ug/L		96
73) Chlorobenzene	9.824	112	268903	37.113	ug/L	#	87
74) Ethylbenzene	9.855	91	438050	36.226	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.908	131	111508	42.627	ug/L		94
76) p/m Xylene	10.044	106	364940	75.333	ug/L		100
77) o Xylene	10.573	106	364483	75.669	ug/L		99
78) Styrene	10.636	104	594324	73.184	ug/L		98
80) Bromoform	10.657	173	91681	42.880	ug/L		99
82) Isopropylbenzene	10.940	105	472496	35.144	ug/L		99
84) Bromobenzene	11.376	156	128780	35.484	ug/L		100
85) n-Propylbenzene	11.412	91	545597	35.127	ug/L		99
87) 1,1,2,2-Tetrachloroethane	11.496	83	141136	38.493	ug/L		95
88) 4-Ethyltoluene	11.533	105	485197	35.359	ug/L		99
89) 2-Chlorotoluene	11.580	91	348350	36.635	ug/L		98
90) 1,3,5-Trimethylbenzene	11.627	105	440240	37.597	ug/L		97
91) 1,2,3-Trichloropropane	11.638	75	127990	43.305	ug/L		97
92) trans-1,4-Dichloro-2-b...	11.685	53	50301	47.226	ug/L		91
93) 4-Chlorotoluene	11.764	91	368181	36.761	ug/L		97
94) tert-Butylbenzene	11.968	119	368130	36.397	ug/L		95

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147004-3,31h,15,15,0.1
Misc : WG2147004,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	12.041	105	442805	38.338	ug/L	97
98)	sec-Butylbenzene	12.157	105	544737	37.235	ug/L	97
99)	p-Isopropyltoluene	12.304	119	483772	36.828	ug/L	99
100)	1,3-Dichlorobenzene	12.382	146	263450	37.576	ug/L	98
101)	1,4-Dichlorobenzene	12.471	146	270698	37.242	ug/L	100
102)	p-Diethylbenzene	12.676	119	285268	35.933	ug/L	98
103)	n-Butylbenzene	12.734	91	429561	38.772	ug/L	97
104)	1,2-Dichlorobenzene	12.891	146	259353	38.656	ug/L	99
105)	1,2,4,5-Tetramethylben...	13.462	119	446359	35.261	ug/L	96
106)	1,2-Dibromo-3-chloropr...	13.662	155	31225	42.569	ug/L	95
108)	Hexachlorobutadiene	14.265	225	105509	45.683	ug/L	99
109)	1,2,4-Trichlorobenzene	14.291	180	184427	39.585	ug/L	100
110)	Naphthalene	14.584	128	461008	36.611	ug/L	100
111)	1,2,3-Trichlorobenzene	14.752	180	185354	40.898	ug/L	97

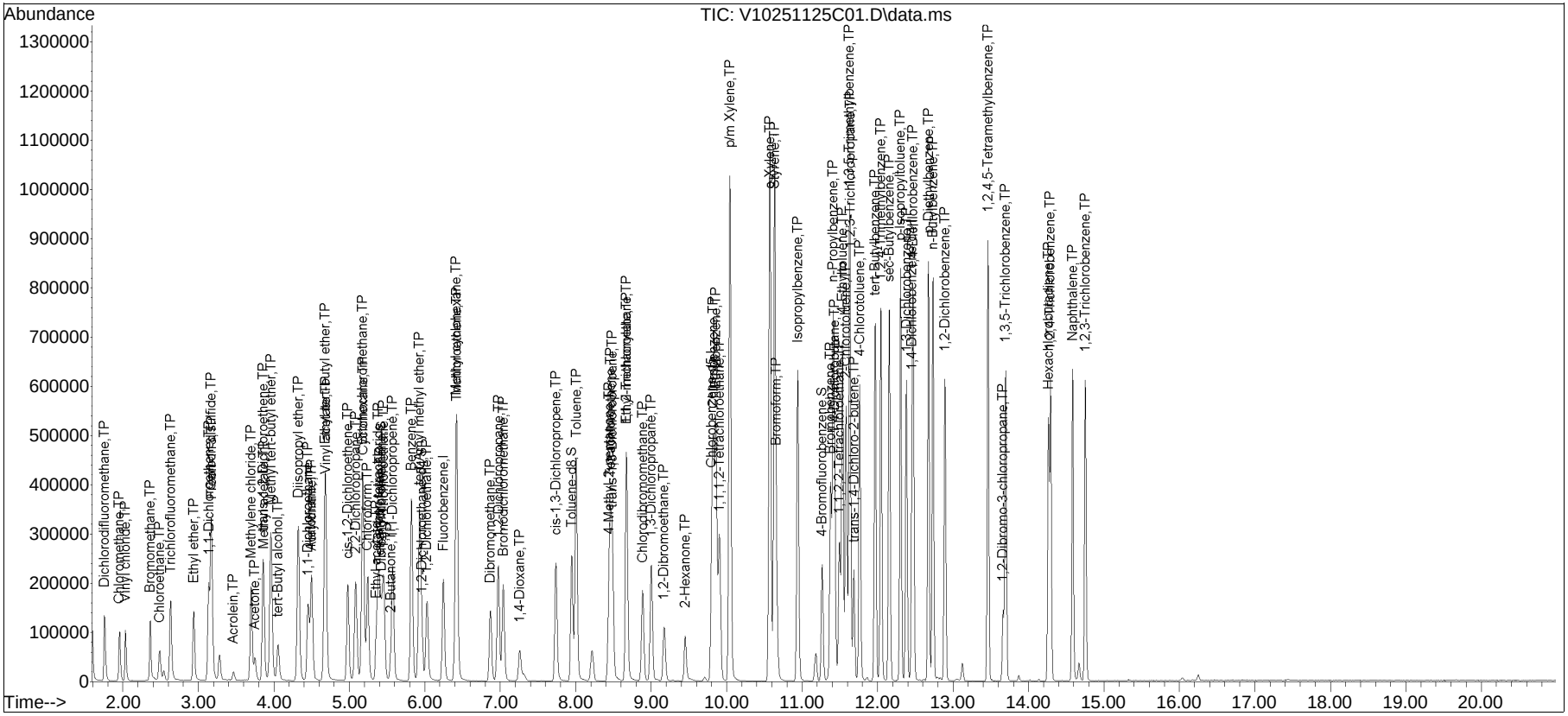
(#) = qualifier out of range (m) = manual integration (+) = signals summed

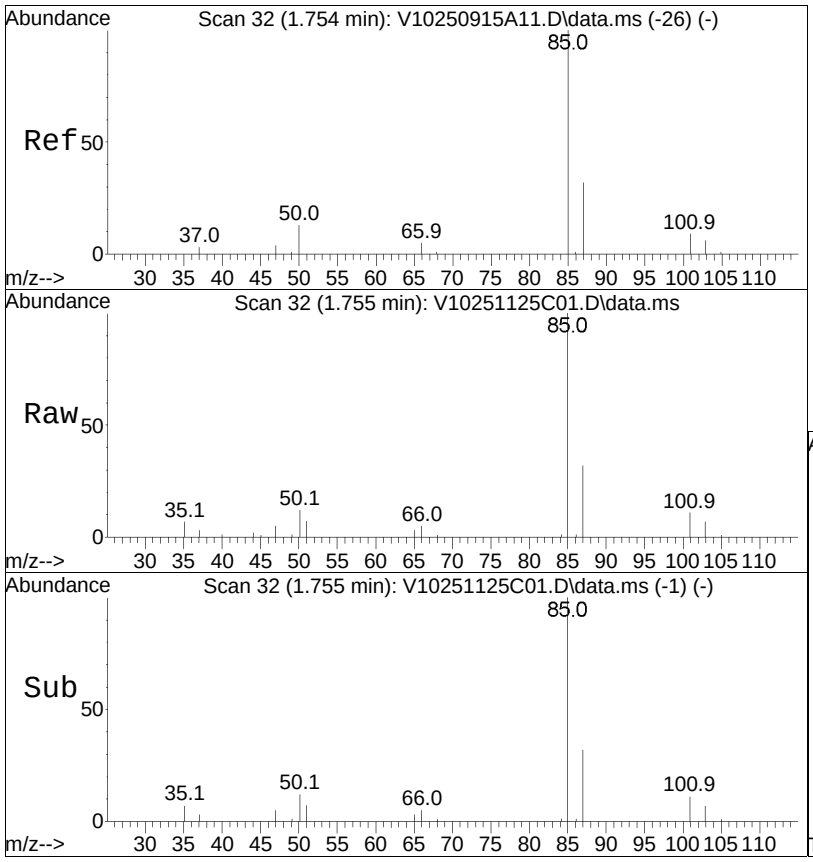
Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C01.D
Acq On : 25 Nov 2025 2:01 pm
Operator : VOA110:AJK
Sample : WG2147004-3,31h,15,15,0.1
Misc : WG2147004,ICAL22640
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 25 14:23:16 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

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

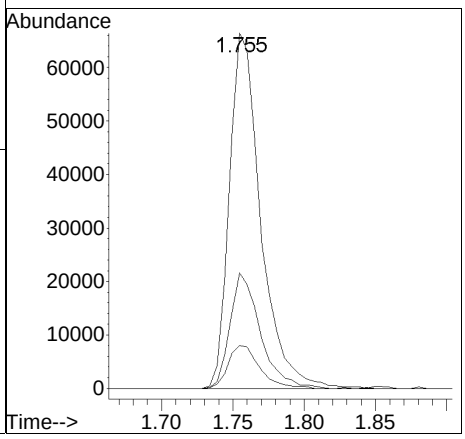


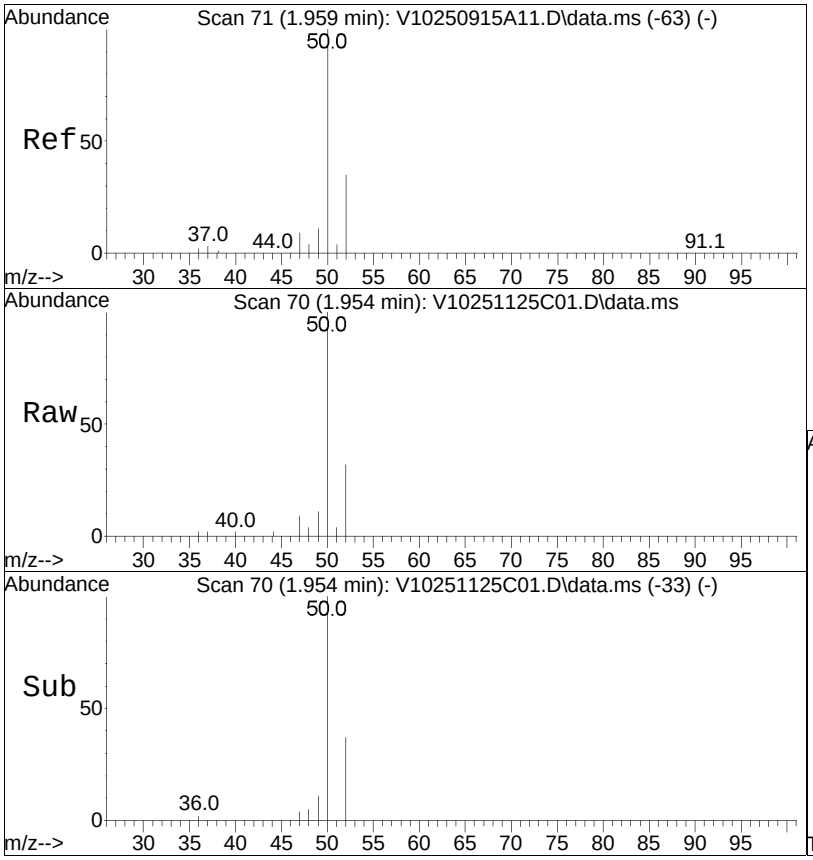


#2
Dichlorodifluoromethane
Concen: 42.66 ug/L
RT: 1.755 min Scan# 32
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 85 Resp: 101613

Ion	Ratio	Lower	Upper
85	100		
87	31.4	20.3	42.1
50	12.3	8.5	17.6

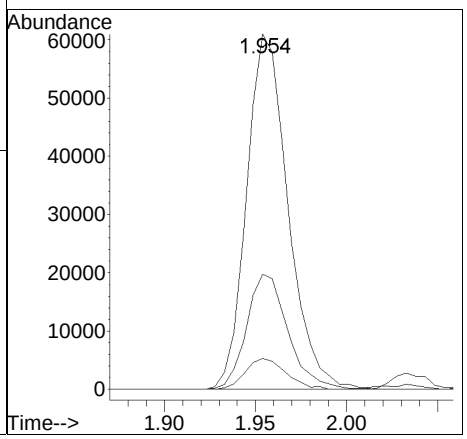


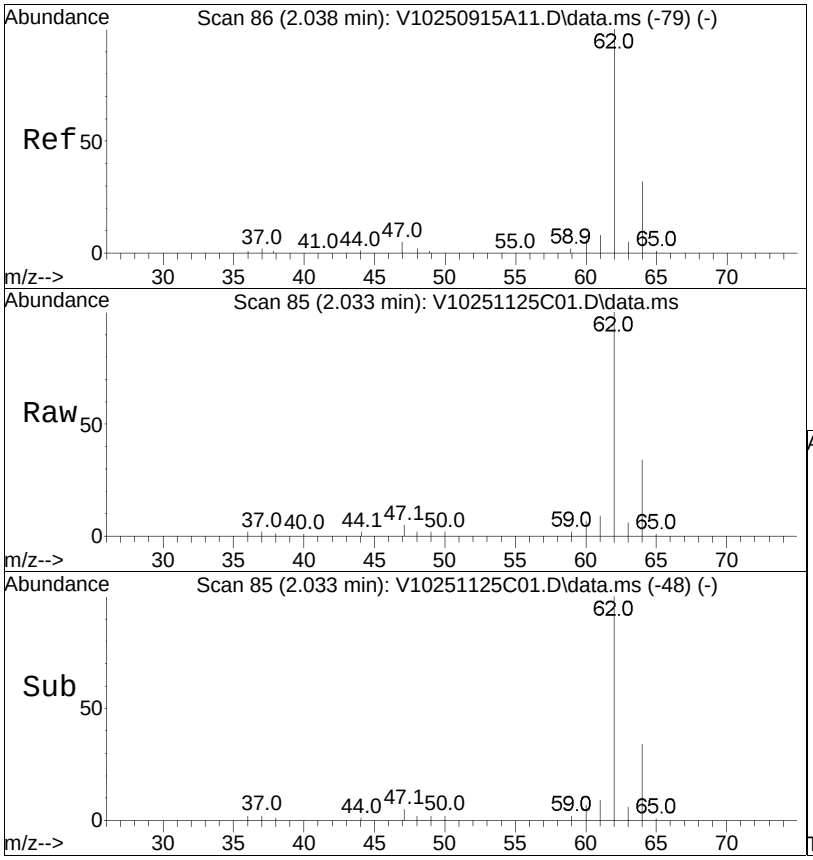


#3
Chloromethane
Concen: 35.20 ug/L
RT: 1.954 min Scan# 70
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 50 Resp: 96587

Ion	Ratio	Lower	Upper
50	100		
52	32.4	13.2	53.2
47	8.6	0.0	28.3

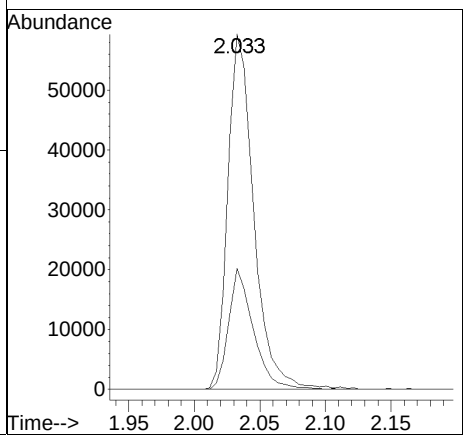


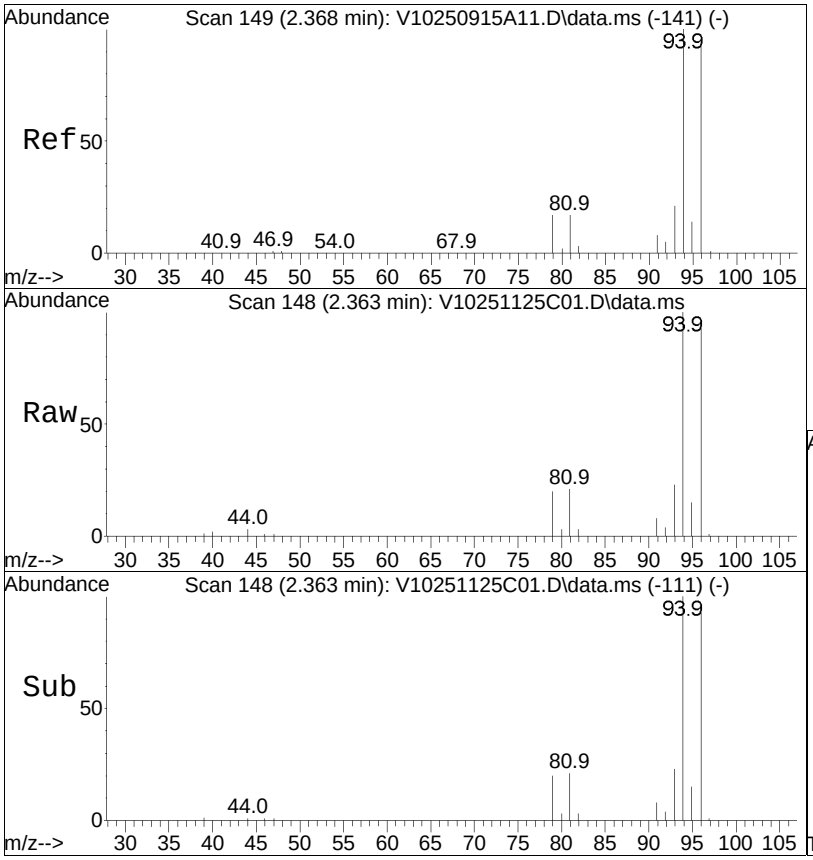


#4
Vinyl chloride
Concen: 26.18 ug/L
RT: 2.033 min Scan# 85
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 62 Resp: 82126

Ion	Ratio	Lower	Upper
62	100		
64	32.4	10.5	50.5

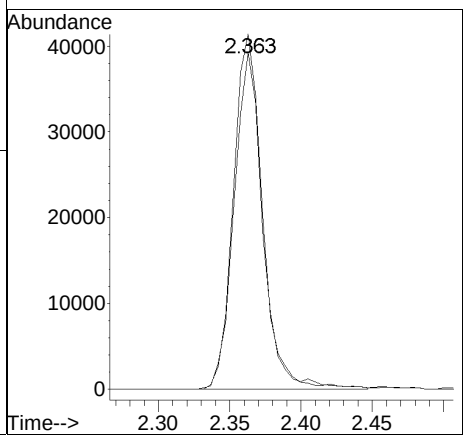


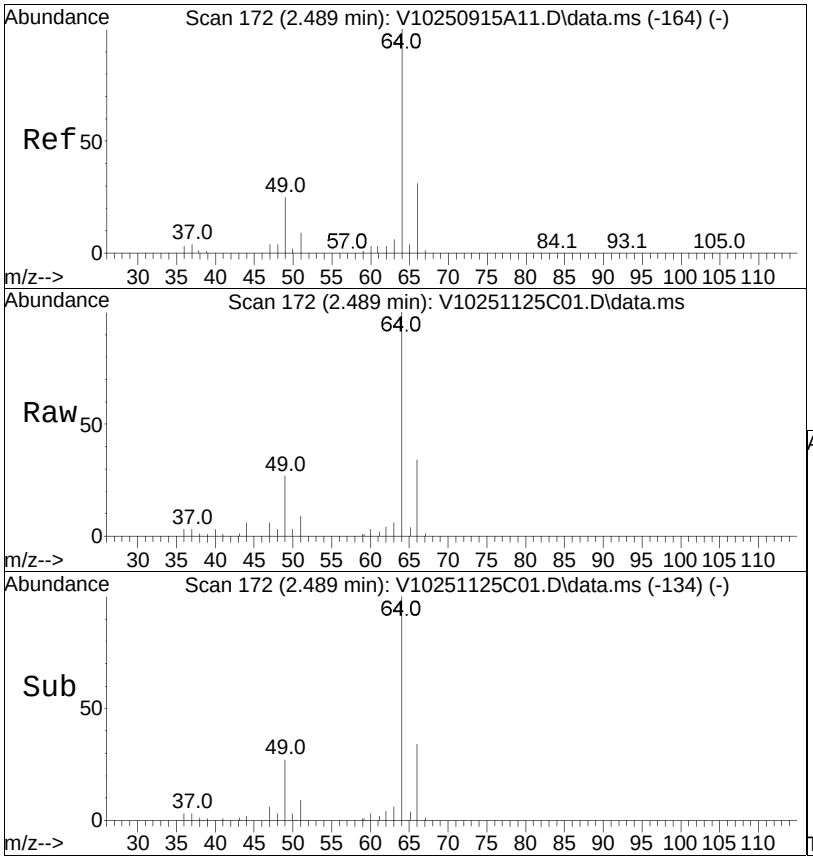


#5
Bromomethane
Concen: 20.50 ug/L
RT: 2.363 min Scan# 148
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 94 Resp: 59169

Ion	Ratio	Lower	Upper
94	100		
96	94.0	67.4	107.4

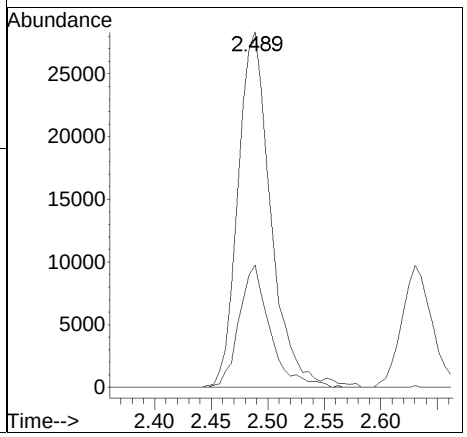


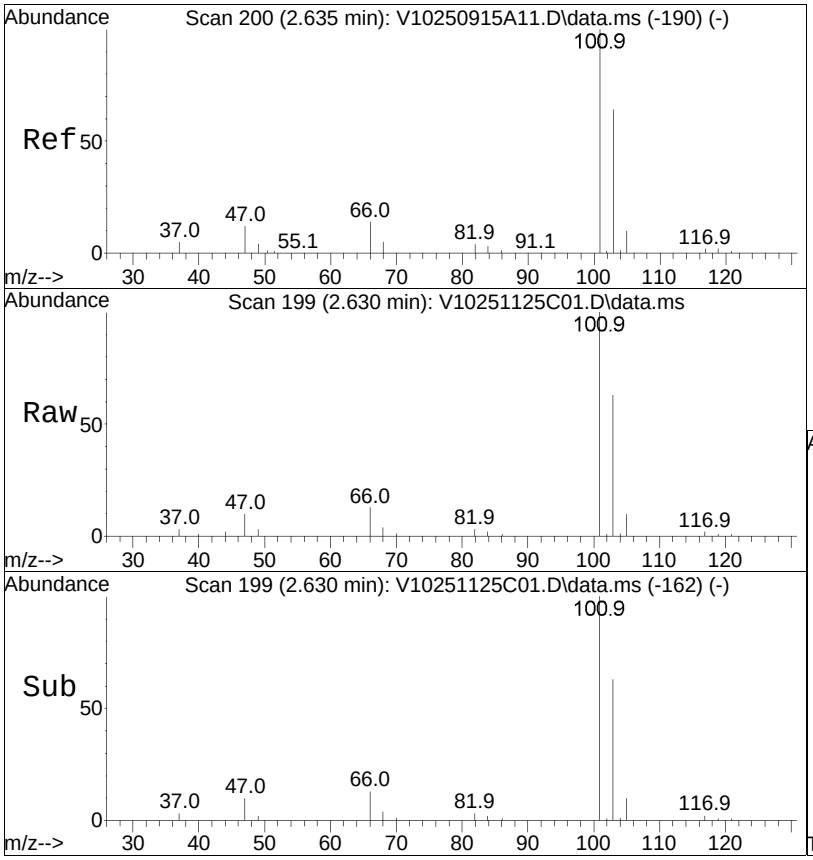


#6
Chloroethane
Concen: 24.55 ug/L
RT: 2.489 min Scan# 172
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 64 Resp: 57408

Ion	Ratio	Lower	Upper
64	100		
66	32.4	14.1	54.1

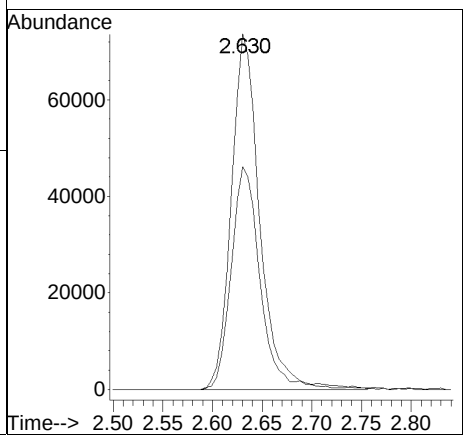


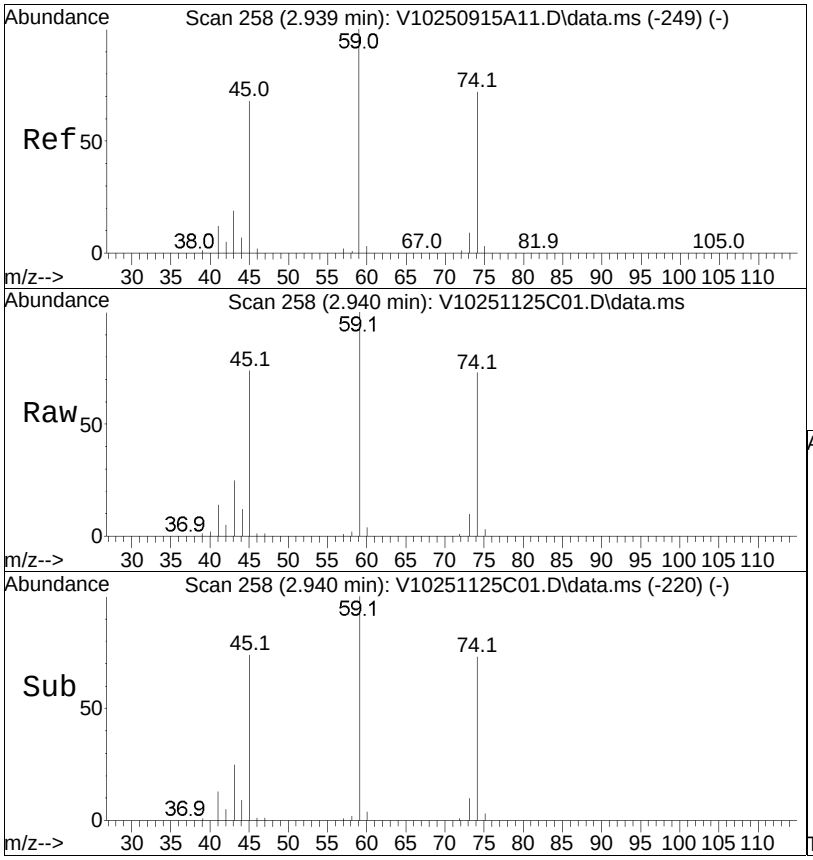


#7
Trichlorofluoromethane
Concen: 33.94 ug/L
RT: 2.630 min Scan# 199
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:101 Resp: 146898

Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.1	76.7

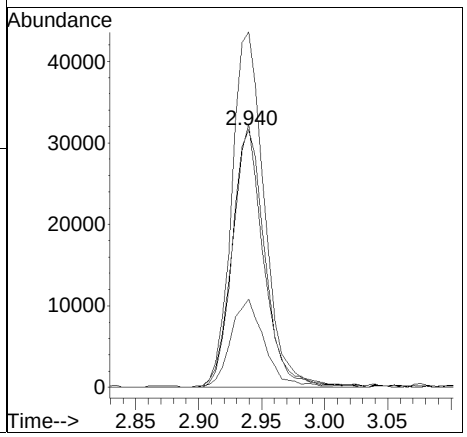


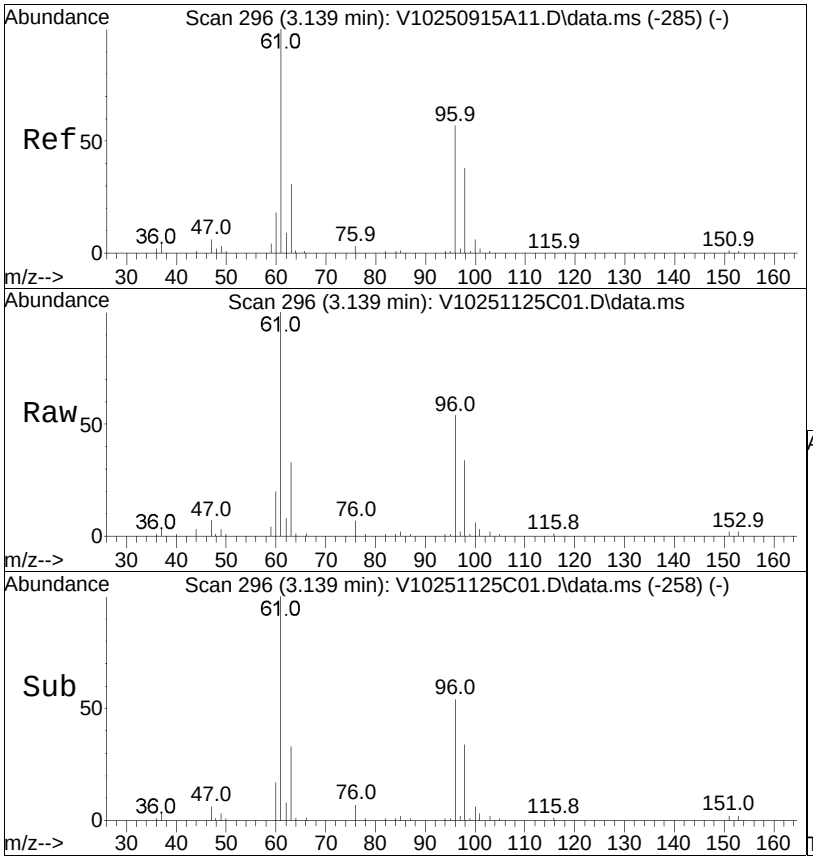


#8
Ethyl ether
Concen: 28.22 ug/L
RT: 2.940 min Scan# 258
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 74 Resp: 57011

Ion	Ratio	Lower	Upper
74	100		
59	137.9	97.8	203.0
45	97.3	73.4	152.4
43	35.5	23.5	48.7

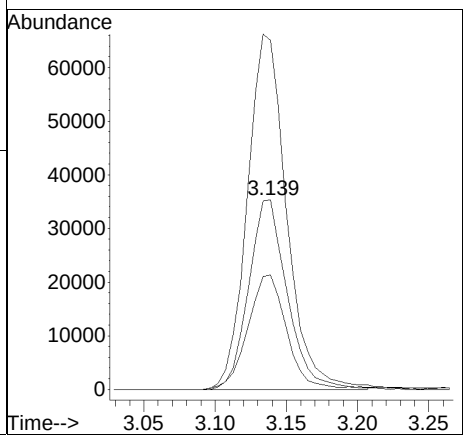


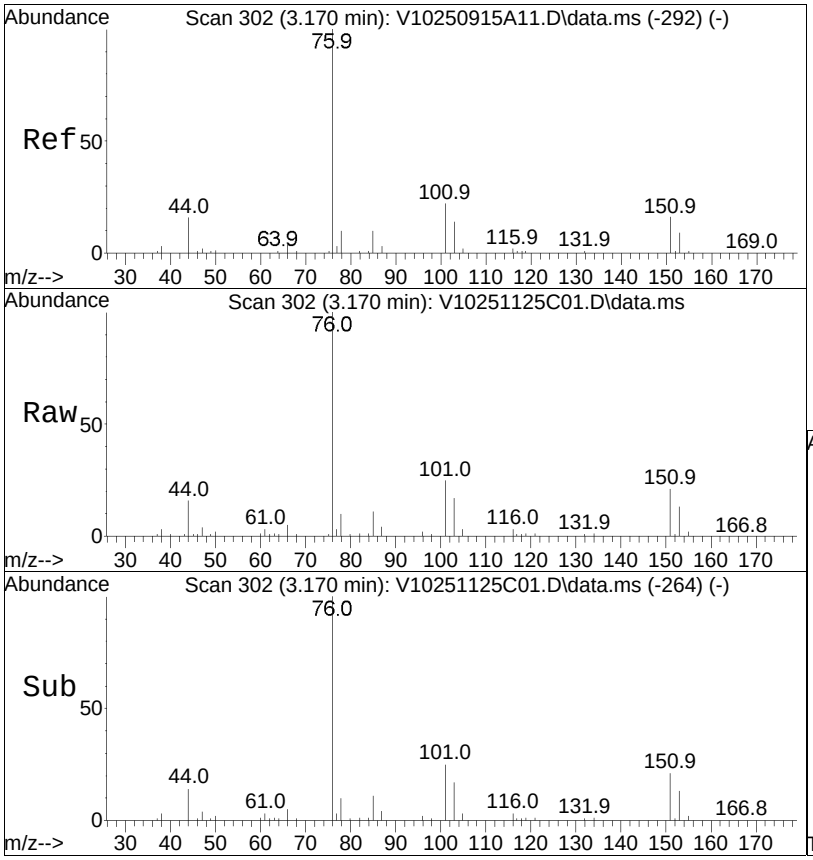


#10
1,1-Dichloroethene
Concen: 25.19 ug/L
RT: 3.139 min Scan# 296
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 96 Resp: 66669

Ion	Ratio	Lower	Upper
96	100		
61	191.0	145.0	217.4
63	60.8	46.8	70.2

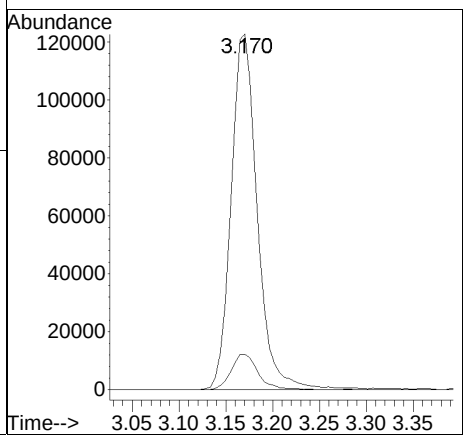


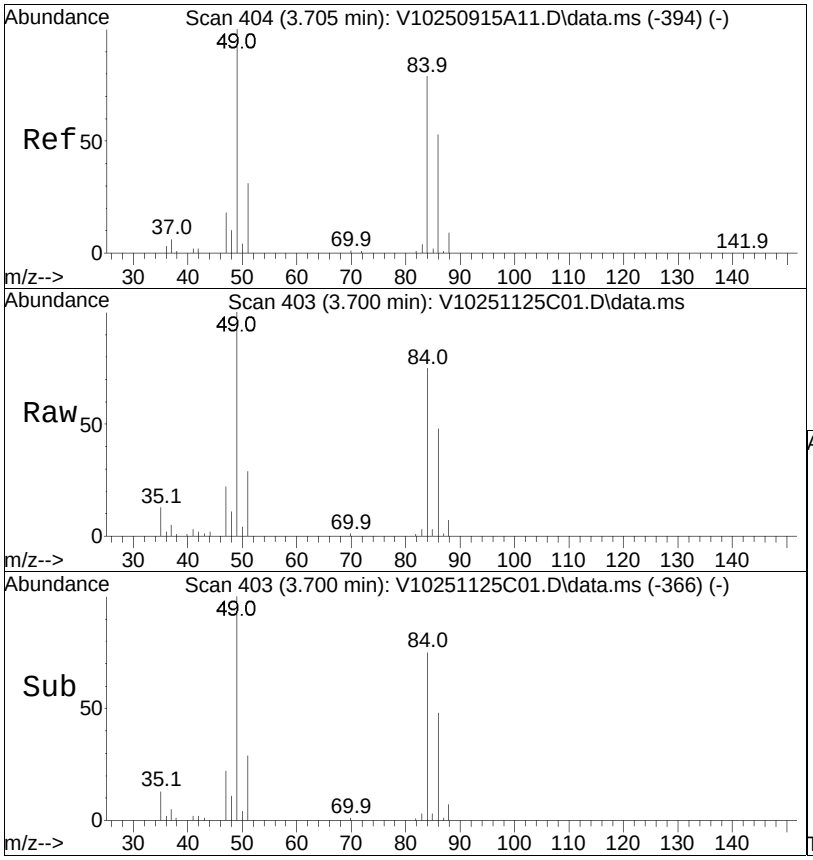


#11
Carbon disulfide
Concen: 24.33 ug/L
RT: 3.170 min Scan# 302
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 76 Resp: 238035

Ion	Ratio	Lower	Upper
76	100		
78	10.0	6.4	13.2

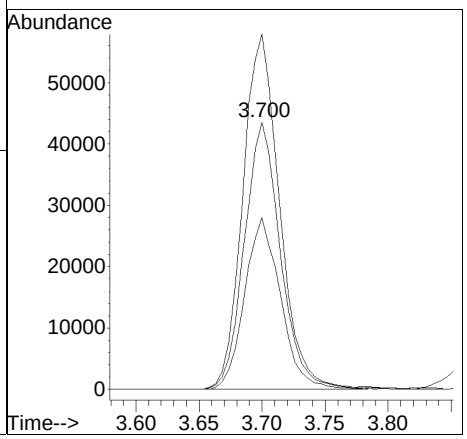


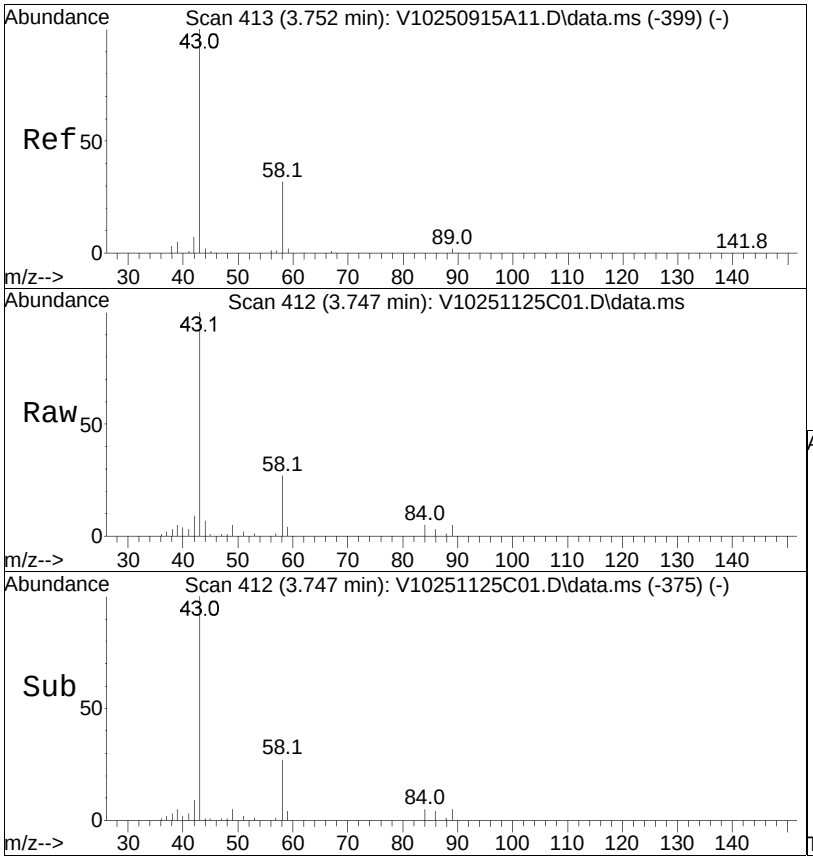


#15
Methylene chloride
Concen: 30.87 ug/L
RT: 3.700 min Scan# 403
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 84 Resp: 86923

Ion	Ratio	Lower	Upper
84	100		
86	64.0	41.5	86.3
49	134.7	99.3	206.1

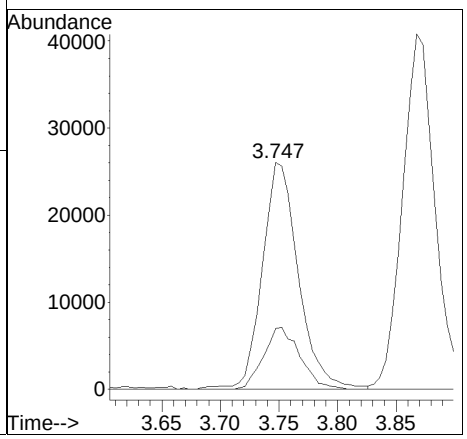


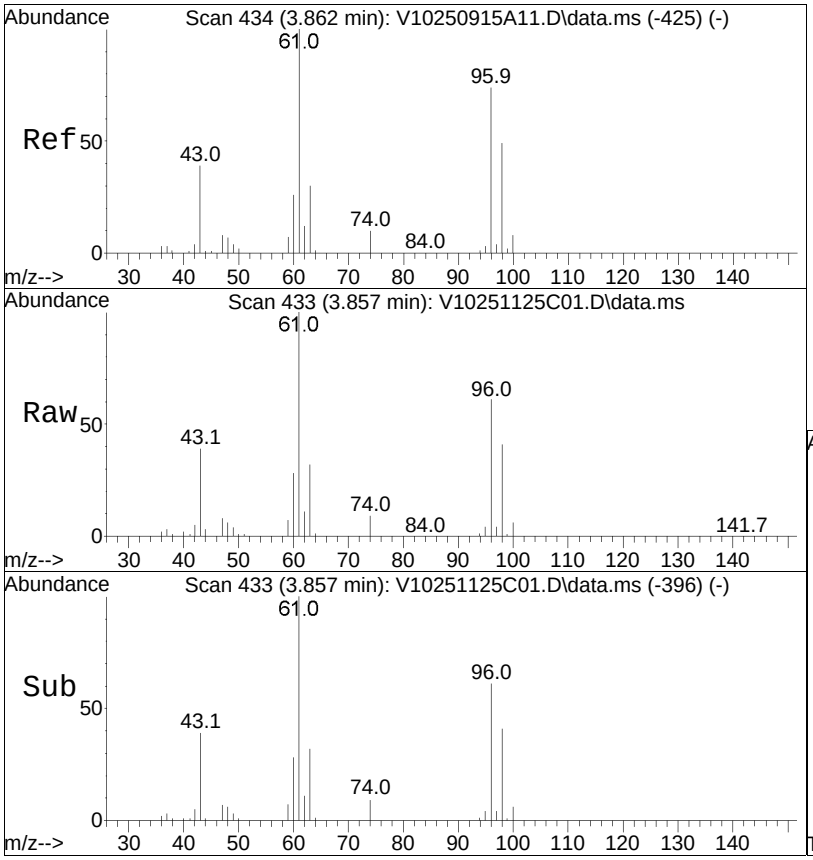


#17
Acetone
Concen: 54.25 ug/L
RT: 3.747 min Scan# 412
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 43 Resp: 56151

Ion	Ratio	Lower	Upper
43	100		
58	27.5	5.0	7.6#

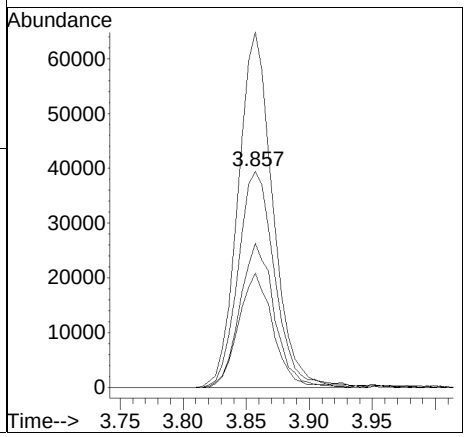


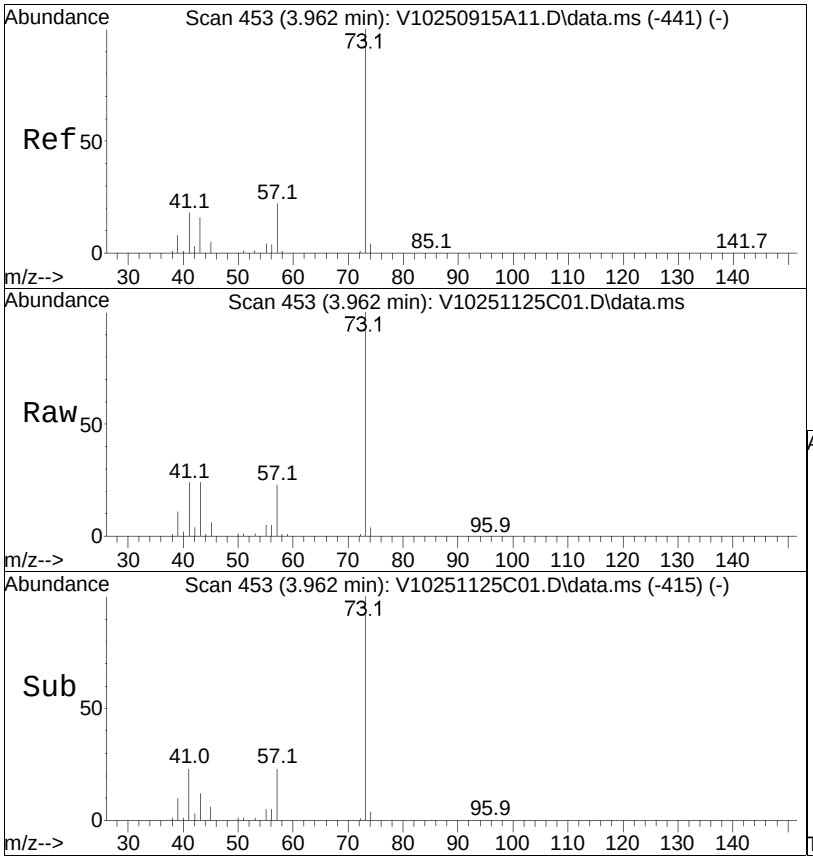


#18
trans-1,2-Dichloroethene
Concen: 31.93 ug/L
RT: 3.857 min Scan# 433
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 96 Resp: 80222

Ion	Ratio	Lower	Upper
96	100		
61	155.4	102.0	211.8
98	63.1	40.9	84.9
63	49.3	32.8	68.2

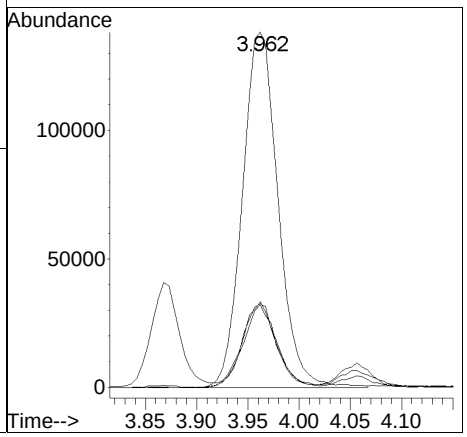


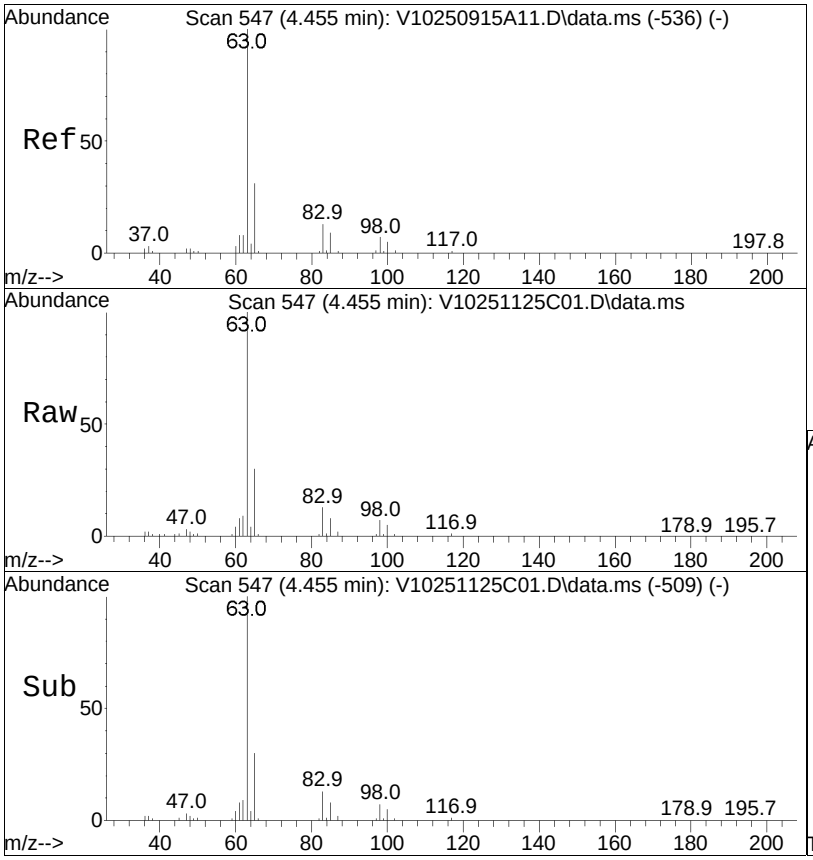


#20
Methyl tert-butyl ether
Concen: 43.18 ug/L
RT: 3.962 min Scan# 453
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 73 Resp: 334886

Ion	Ratio	Lower	Upper
73	100		
57	21.7	15.9	32.9
43	22.7	15.7	32.5
41	23.0	14.8	30.8

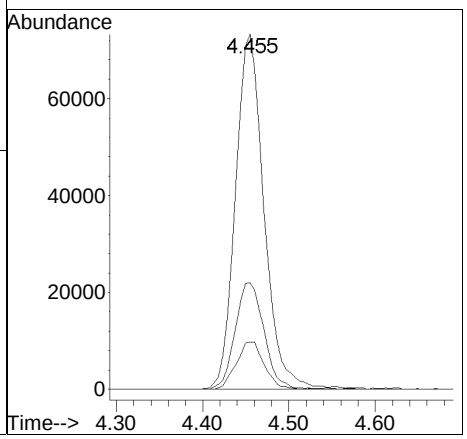


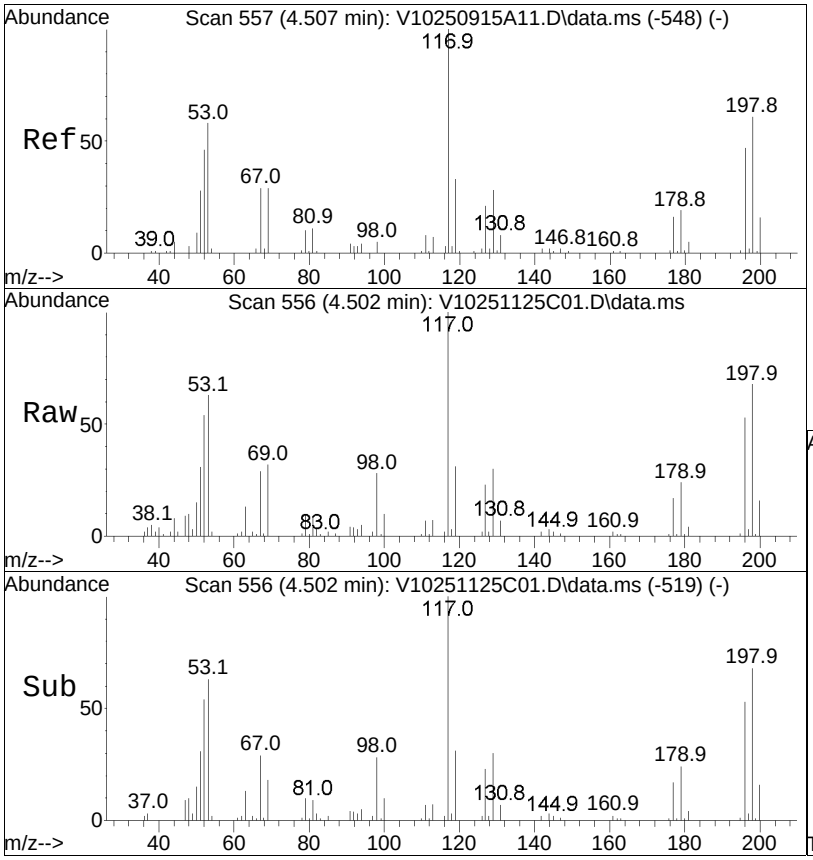


#23
1,1-Dichloroethane
Concen: 37.84 ug/L
RT: 4.455 min Scan# 547
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 63 Resp: 169341

Ion	Ratio	Lower	Upper
63	100		
65	30.2	11.0	51.0
83	13.1	0.0	32.5

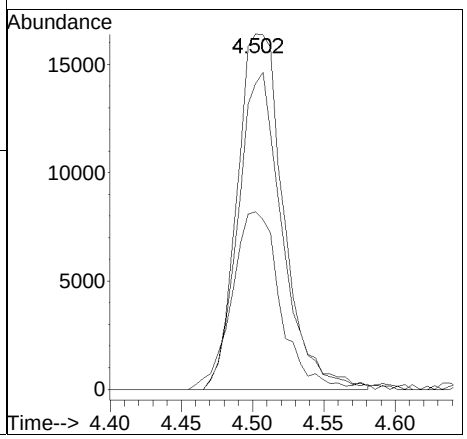


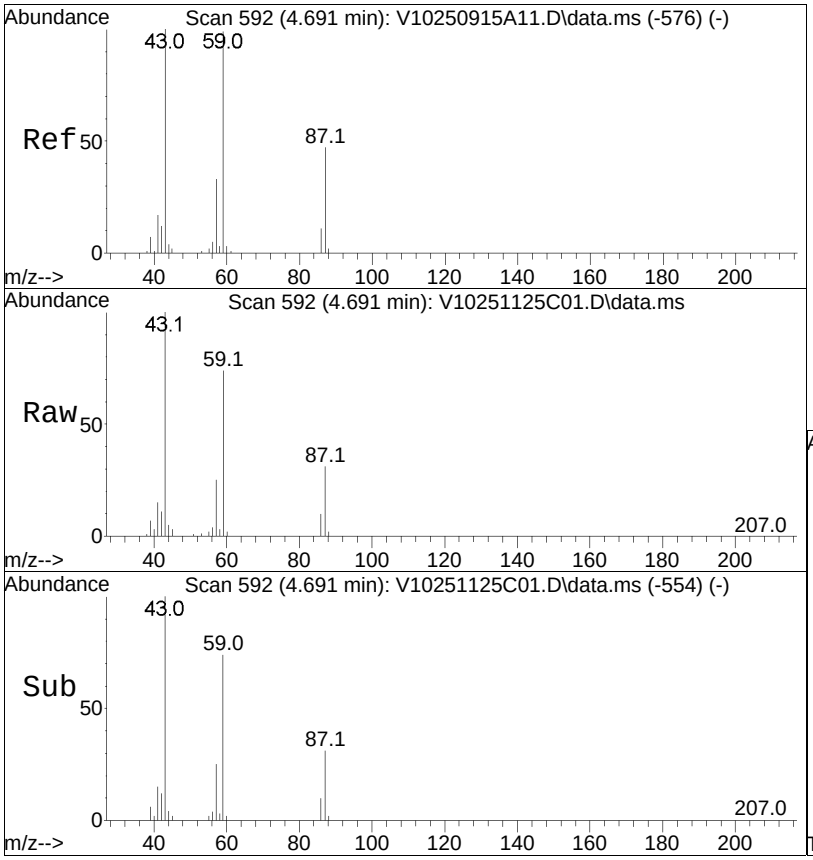


#25
Acrylonitrile
Concen: 42.95 ug/L
RT: 4.502 min Scan# 556
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 53 Resp: 37269

Ion	Ratio	Lower	Upper
53	100		
52	84.9	64.2	96.4
51	51.7	29.8	44.6#

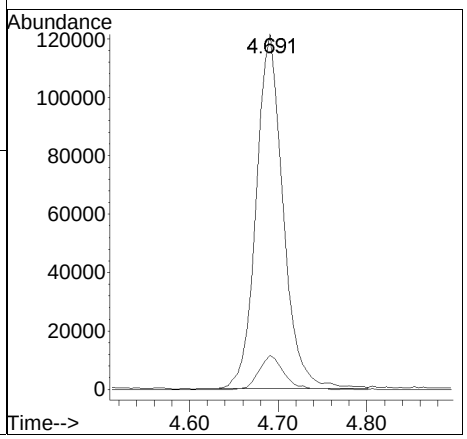


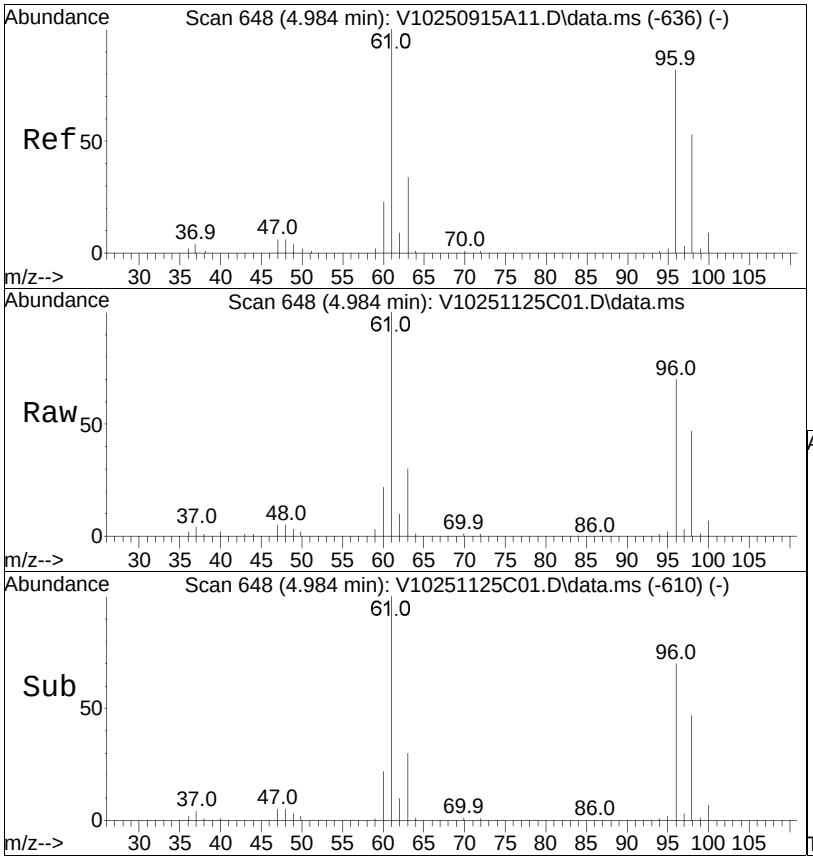


#27
Vinyl acetate
Concen: 52.50 ug/L
RT: 4.691 min Scan# 592
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 43 Resp: 257504

Ion	Ratio	Lower	Upper
43	100		
86	8.8	7.9	11.9

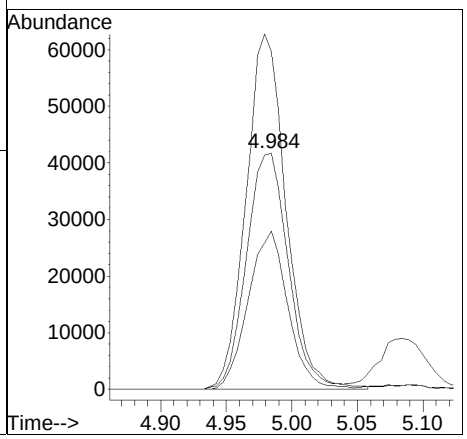


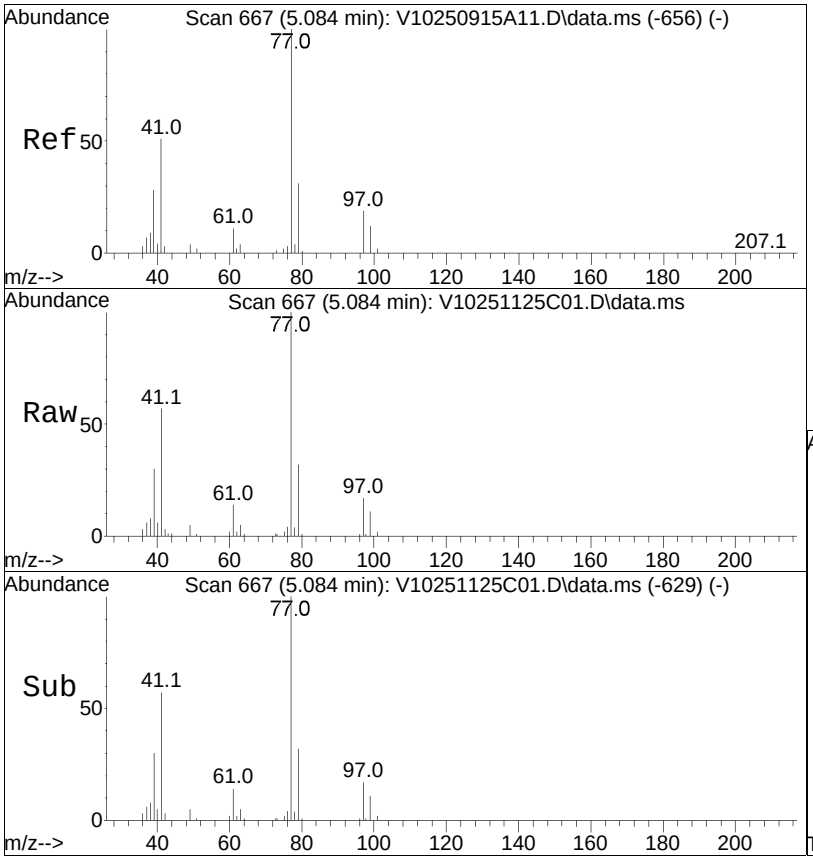


#28
cis-1,2-Dichloroethene
Concen: 33.65 ug/L
RT: 4.984 min Scan# 648
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 96 Resp: 93256

Ion	Ratio	Lower	Upper
96	100		
61	142.1	101.0	151.4
98	63.4	50.7	76.1

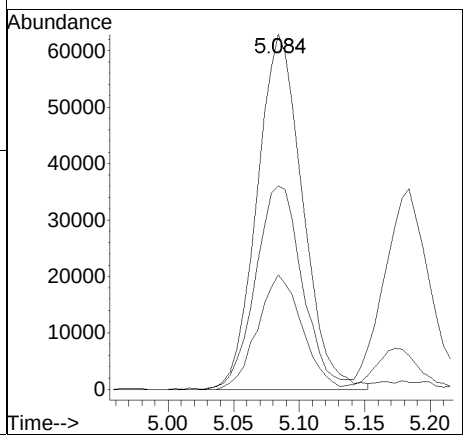


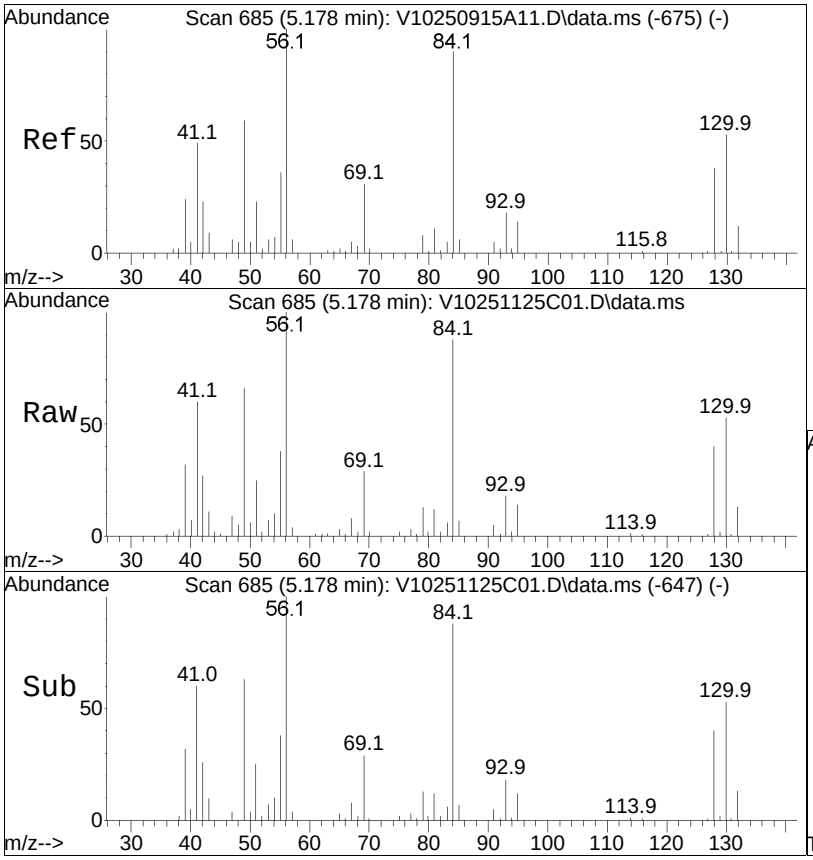


#29
2,2-Dichloropropane
Concen: 40.24 ug/L
RT: 5.084 min Scan# 667
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 77 Resp: 151801

Ion	Ratio	Lower	Upper
77	100		
41	58.8	42.1	87.5
79	31.5	21.1	43.9

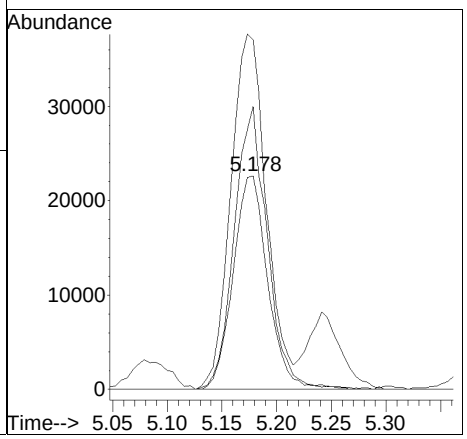


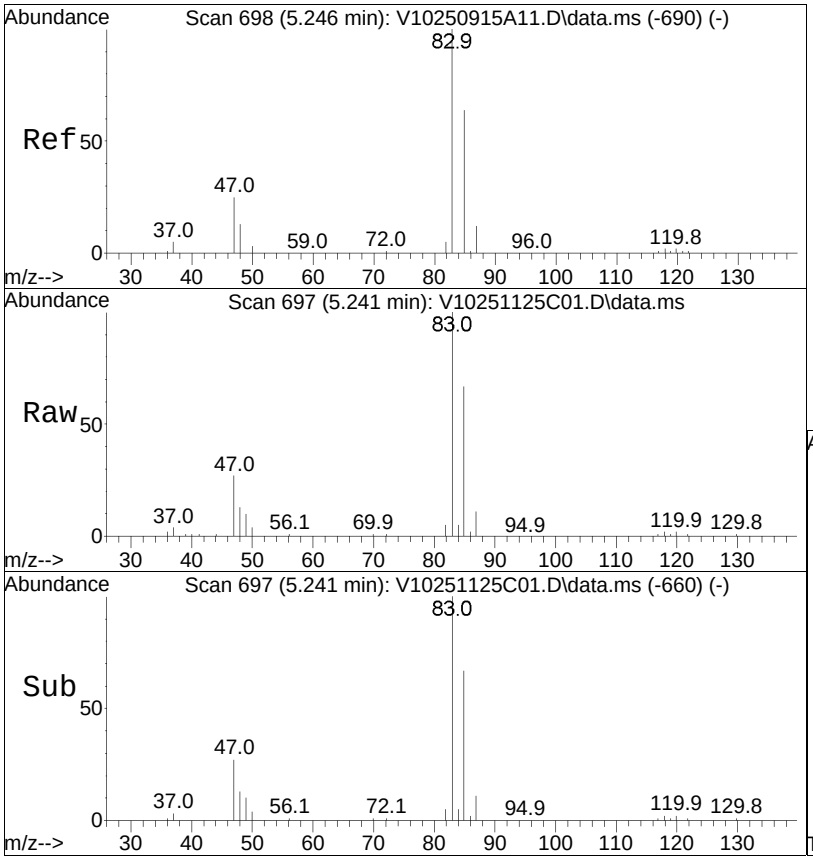


#30
Bromochloromethane
Concen: 37.40 ug/L
RT: 5.178 min Scan# 685
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:128 Resp: 50001

Ion	Ratio	Lower	Upper
128	100		
49	170.1	145.7	218.5
130	126.3	101.9	152.9

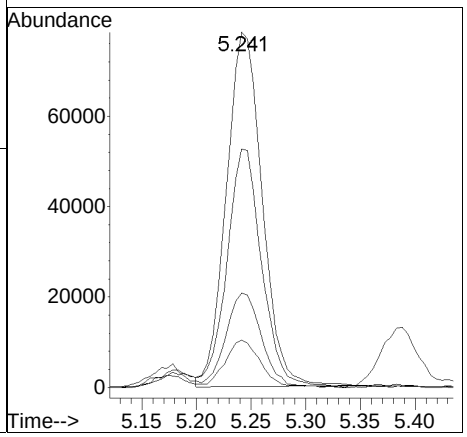


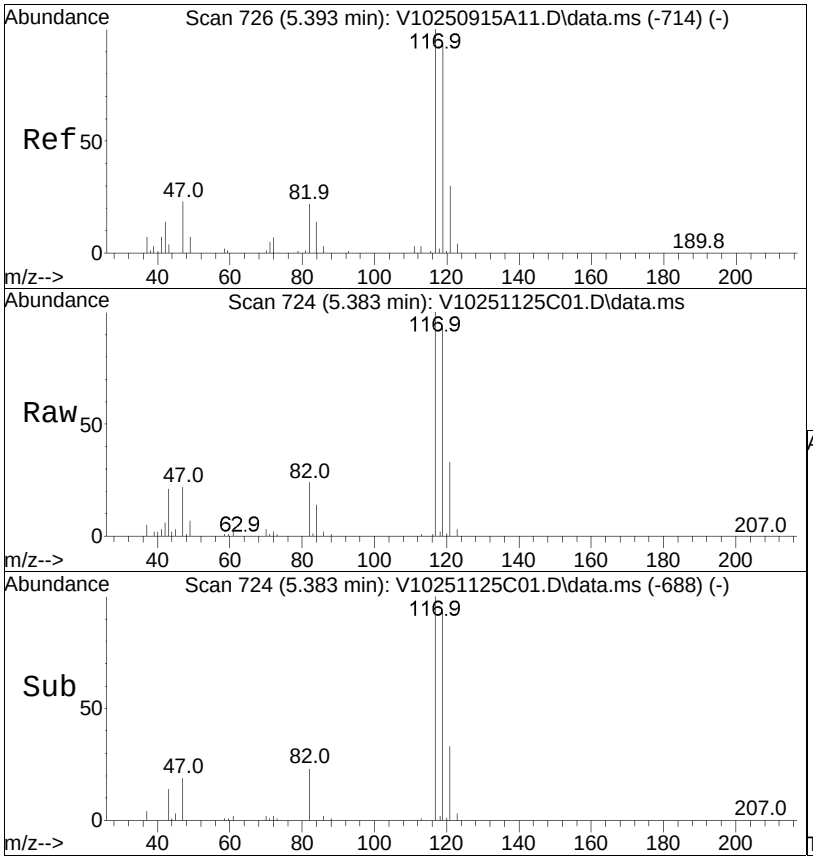


#32
Chloroform
Concen: 38.90 ug/L
RT: 5.241 min Scan# 697
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 83 Resp: 179358

Ion	Ratio	Lower	Upper
83	100		
85	64.4	41.9	87.1
47	25.9	18.4	38.2
48	13.3	9.4	19.4

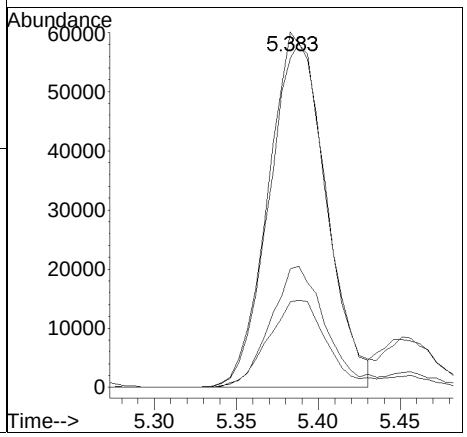


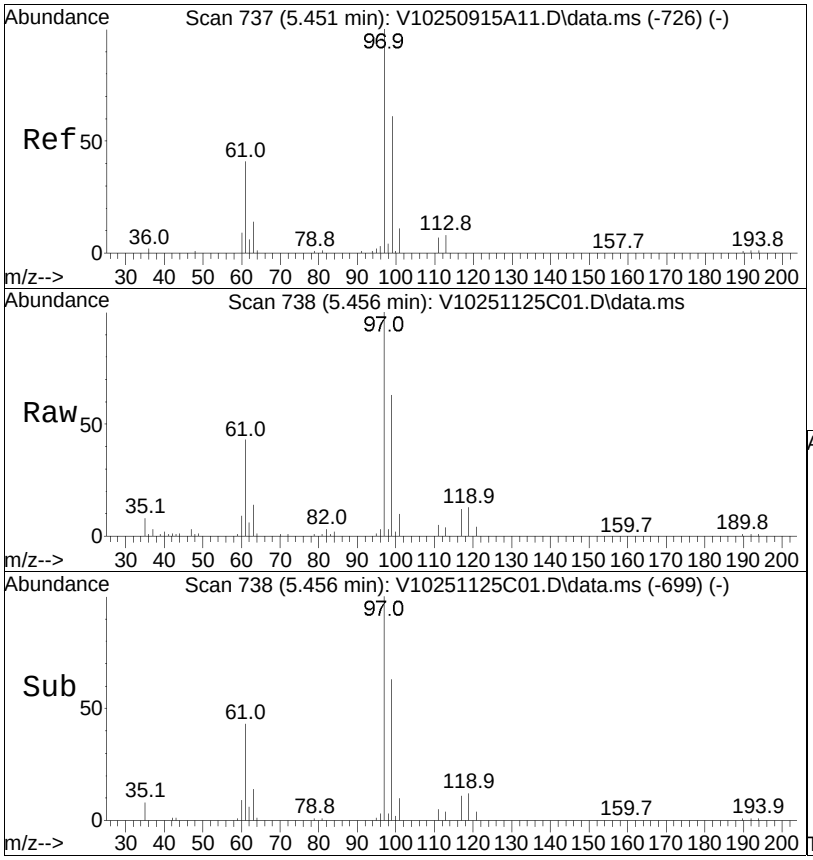


#34
Carbon tetrachloride
Concen: 44.78 ug/L
RT: 5.383 min Scan# 724
Delta R.T. -0.010 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:117 Resp: 146812

Ion	Ratio	Lower	Upper
117	100		
119	97.5	62.9	130.5
121	32.7	19.1	39.7
82	25.2	16.3	33.9

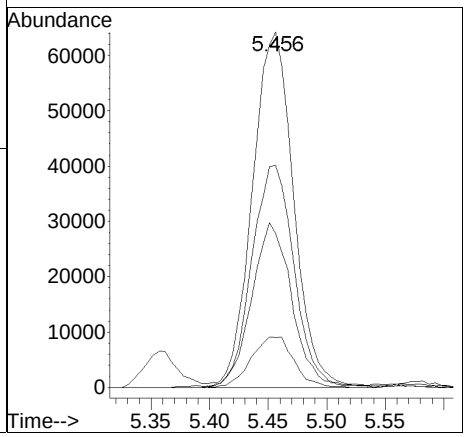


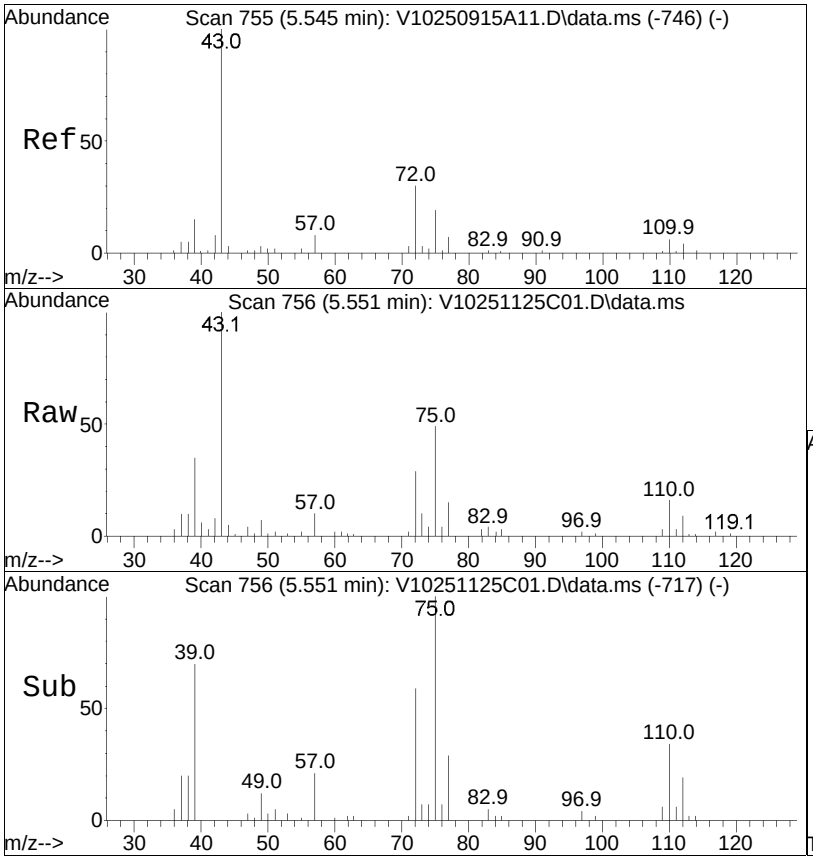


#37
1,1,1-Trichloroethane
Concen: 43.95 ug/L
RT: 5.456 min Scan# 738
Delta R.T. 0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 97 Resp: 157633

Ion	Ratio	Lower	Upper
97	100		
99	64.0	41.7	86.5
61	45.4	30.1	62.5
63	14.7	9.9	20.5

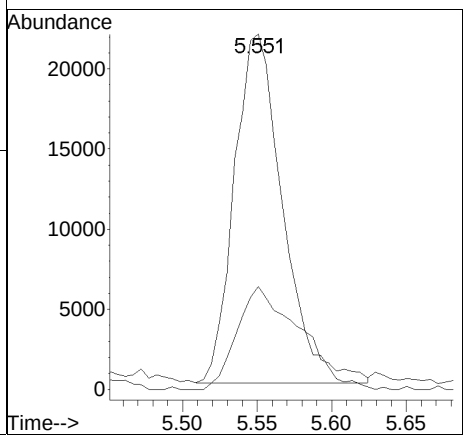


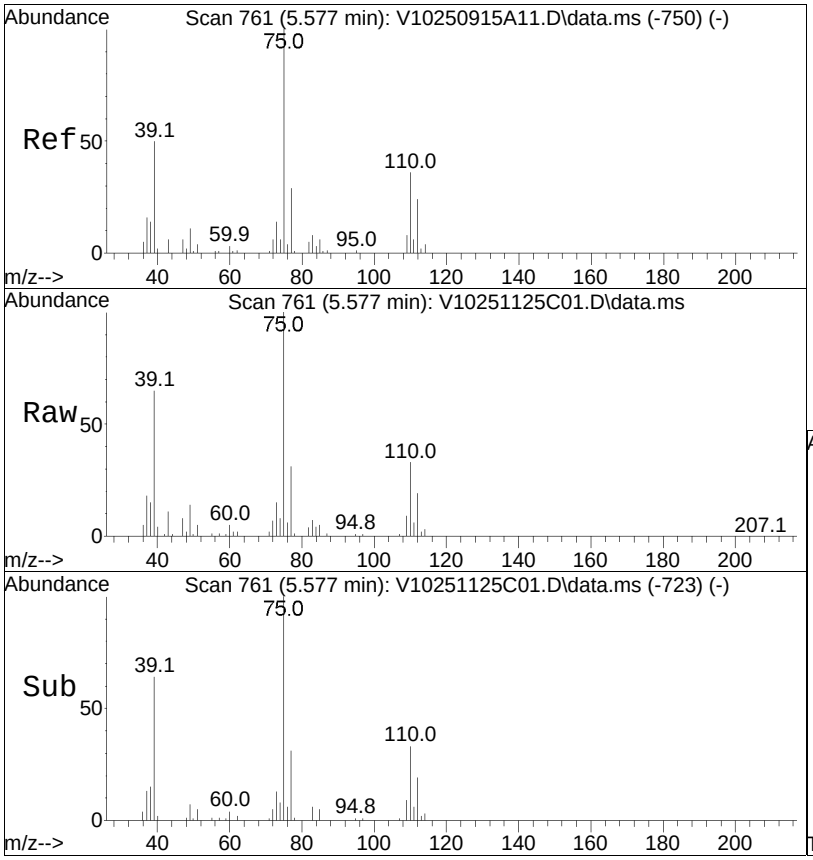


#39
2-Butanone
Concen: 49.67 ug/L
RT: 5.551 min Scan# 756
Delta R.T. 0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 43 Resp: 49628

Ion	Ratio	Lower	Upper
43	100		
72	37.1	113.1	169.7#

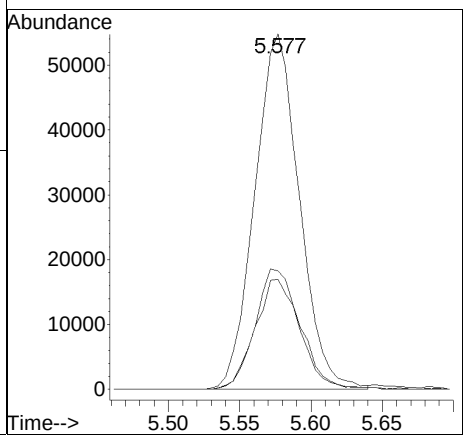


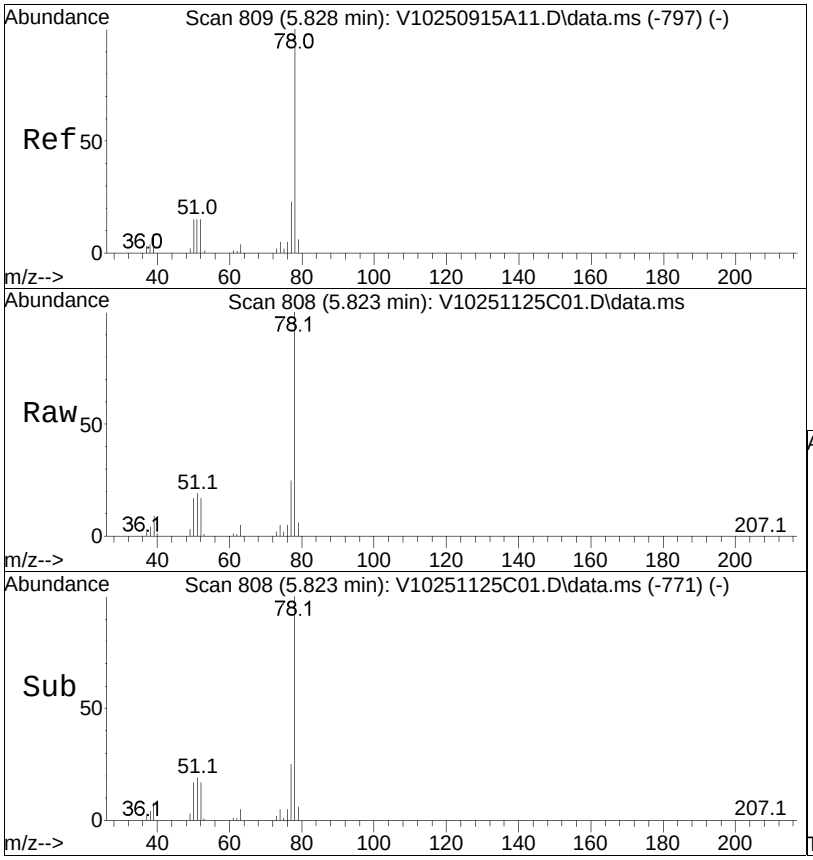


#40
1,1-Dichloropropene
Concen: 39.53 ug/L
RT: 5.577 min Scan# 761
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 75 Resp: 119269

Ion	Ratio	Lower	Upper
75	100		
110	34.4	21.6	45.0
77	31.4	20.4	42.4

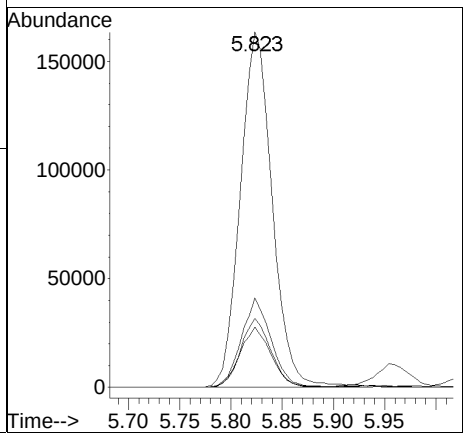


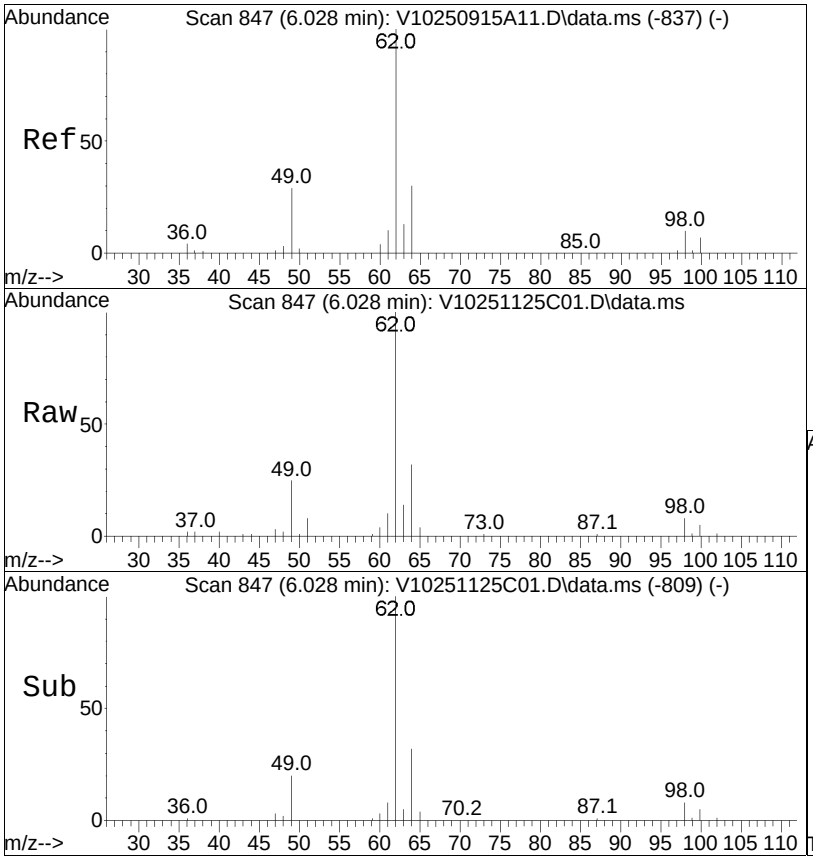


#41
Benzene
Concen: 37.55 ug/L
RT: 5.823 min Scan# 808
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 78 Resp: 355672

Ion	Ratio	Lower	Upper
78	100		
77	23.6	16.1	33.5
51	18.5	11.8	24.6
52	16.4	11.0	22.8

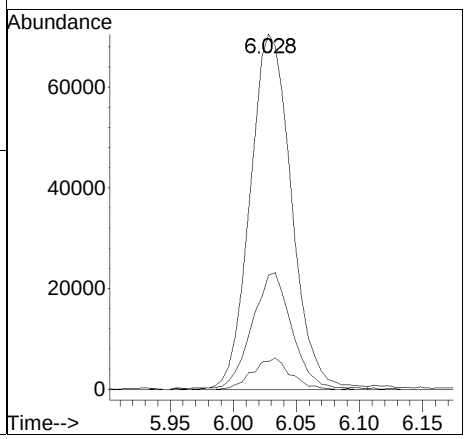


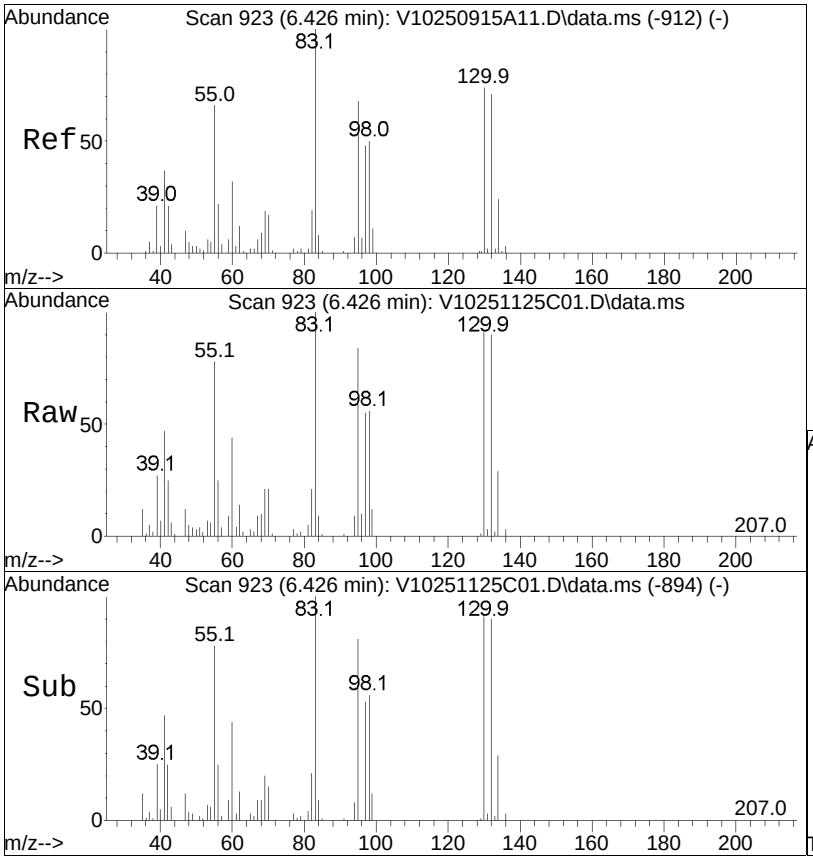


#44
1,2-Dichloroethane
Concen: 50.73 ug/L
RT: 6.028 min Scan# 847
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 62 Resp: 161285

Ion	Ratio	Lower	Upper
62	100		
64	32.2	12.3	52.3
98	8.1	0.0	29.5

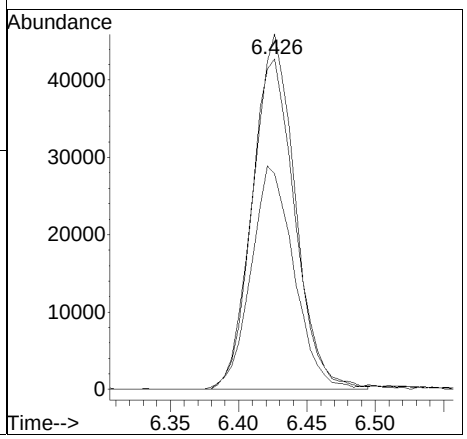


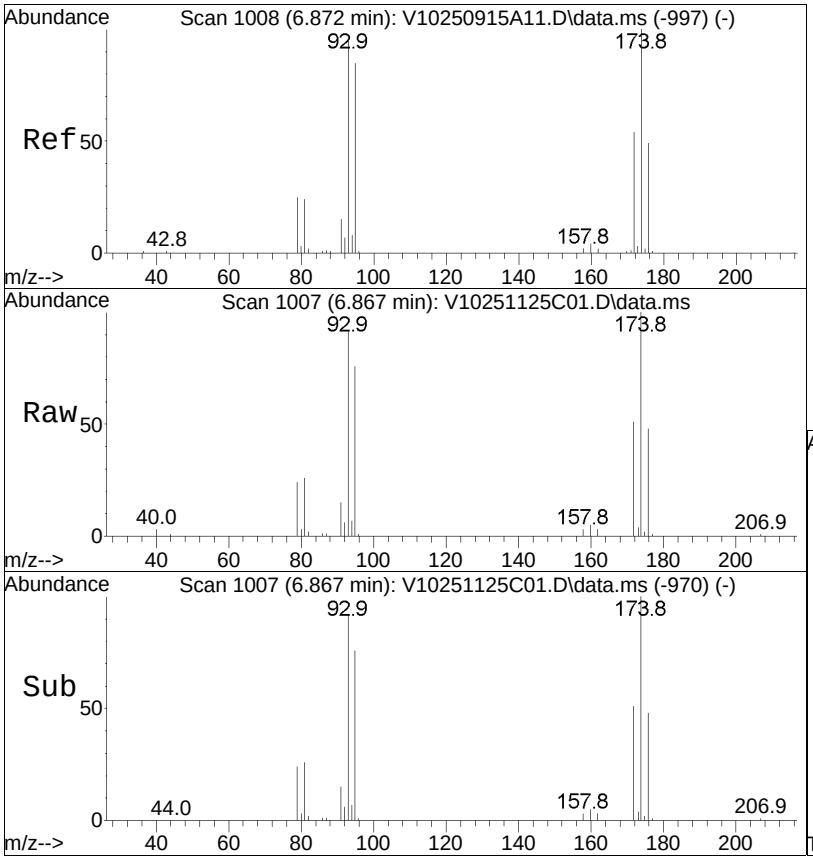


#48
Trichloroethene
Concen: 37.73 ug/L
RT: 6.426 min Scan# 923
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 95 Resp: 94921

Ion	Ratio	Lower	Upper
95	100		
97	66.6	53.3	79.9
130	103.6	80.7	121.1

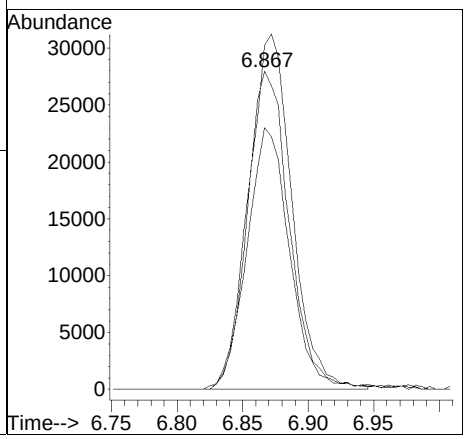


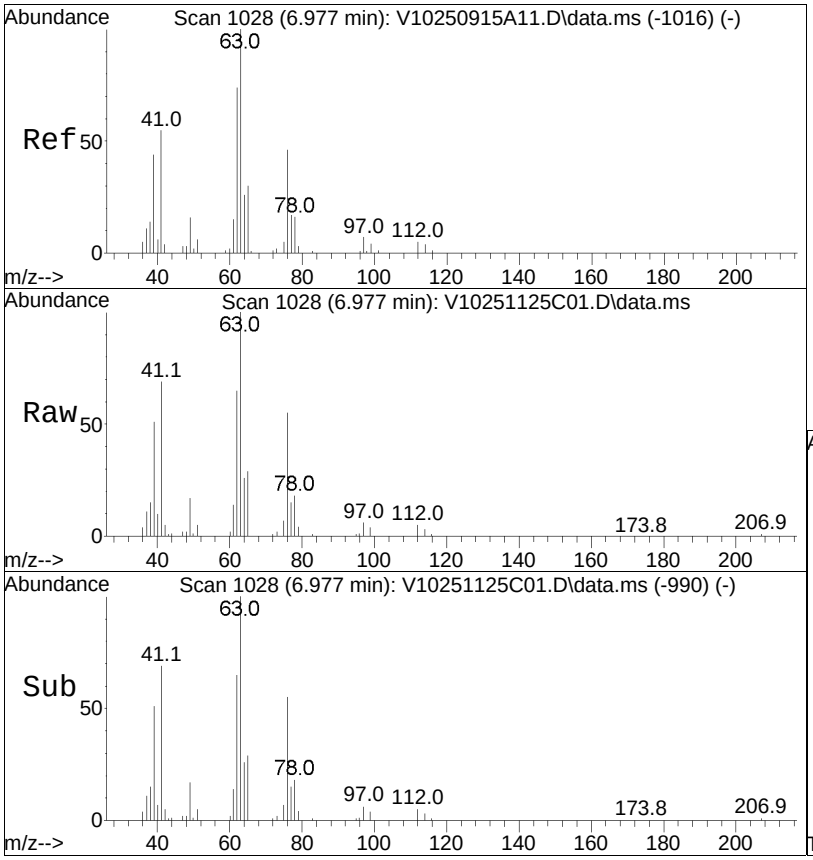


#50
Dibromomethane
Concen: 40.06 ug/L
RT: 6.867 min Scan# 1007
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 93 Resp: 63793

Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.8	98.6
174	110.5	69.0	103.4#

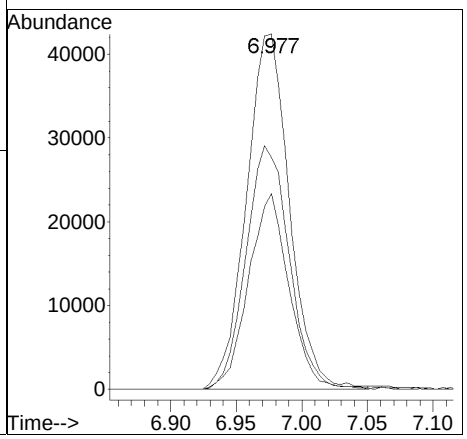


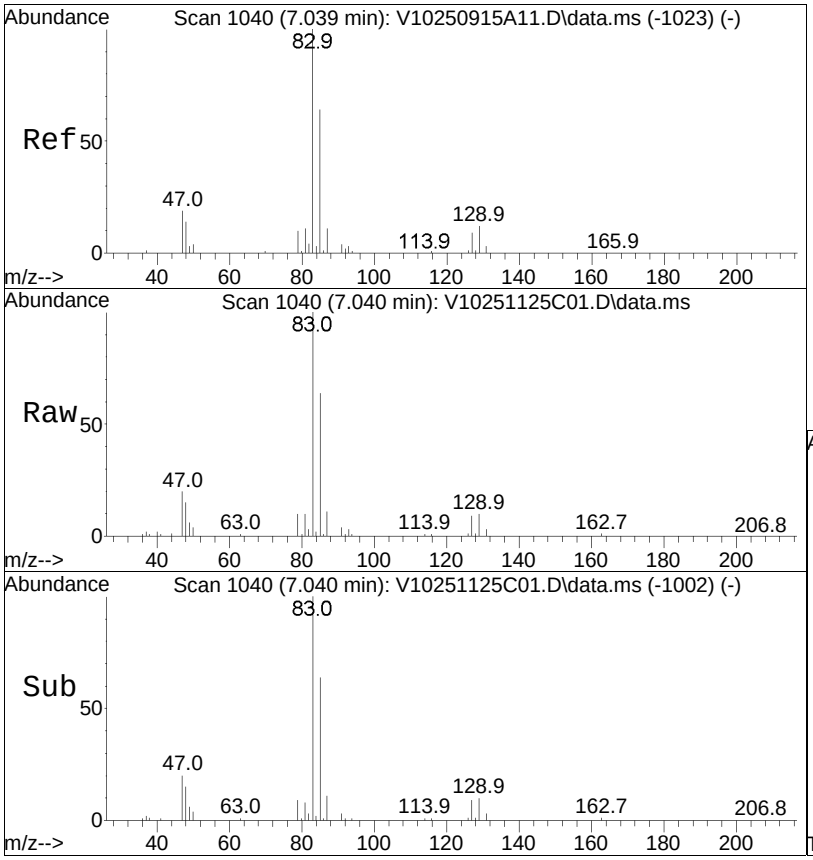


#51
1,2-Dichloropropane
Concen: 39.37 ug/L
RT: 6.977 min Scan# 1028
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 63 Resp: 97259

Ion	Ratio	Lower	Upper
63	100		
62	68.8	56.2	84.2
76	52.0	33.0	49.4#

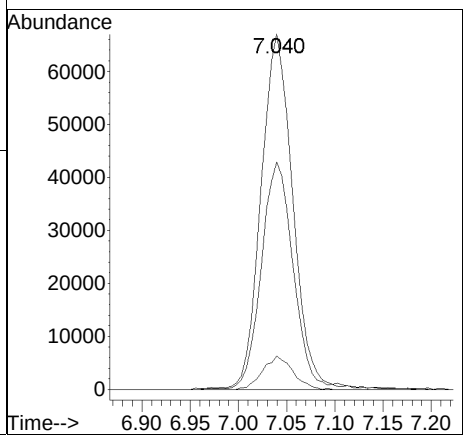


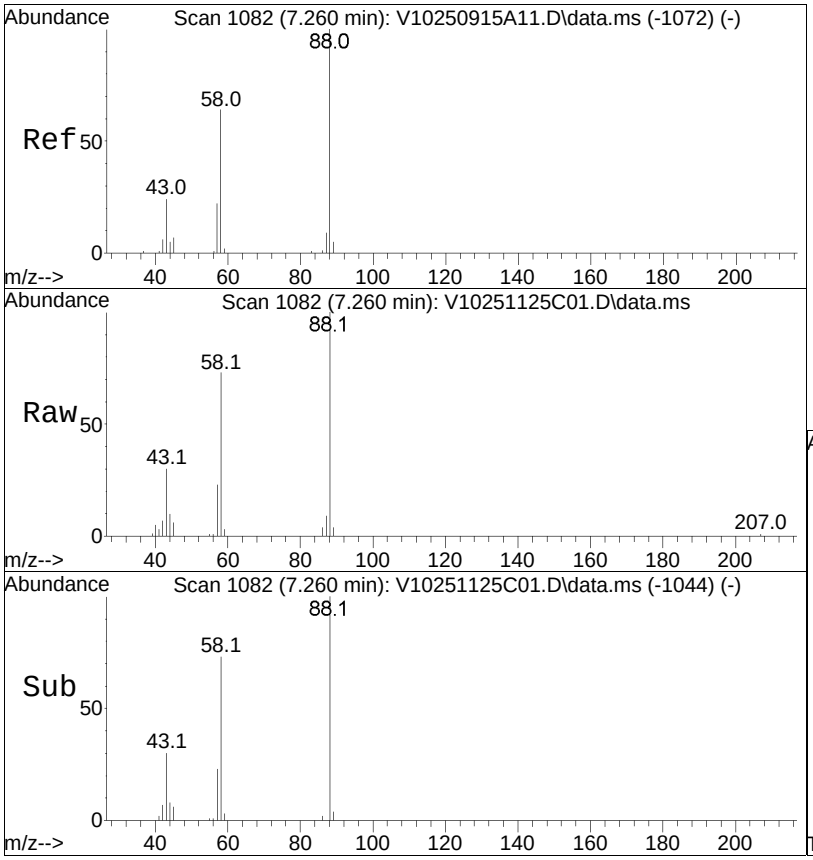


#54
Bromodichloromethane
Concen: 44.99 ug/L
RT: 7.040 min Scan# 1040
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 83 Resp: 153862

Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.9	76.3
127	8.9	6.3	9.5

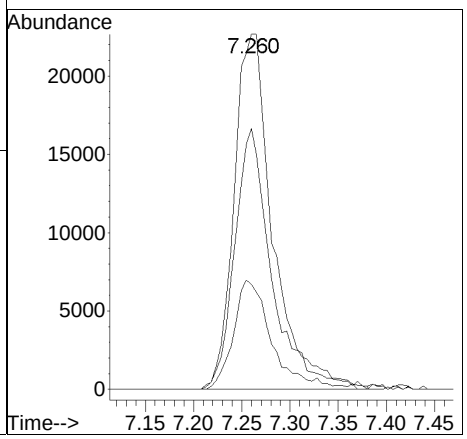


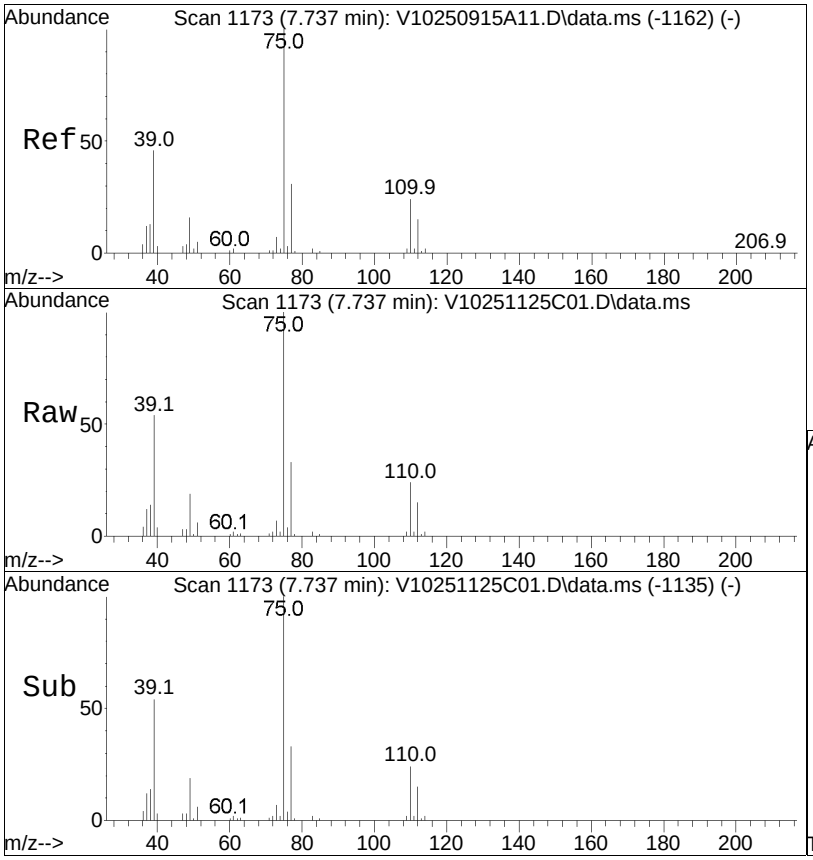


#57
1,4-Dioxane
Concen: 2167.96 ug/L
RT: 7.260 min Scan# 1082
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 88 Resp: 63495

Ion	Ratio	Lower	Upper
88	100		
58	70.7	55.4	83.0
43	30.6	24.7	37.1

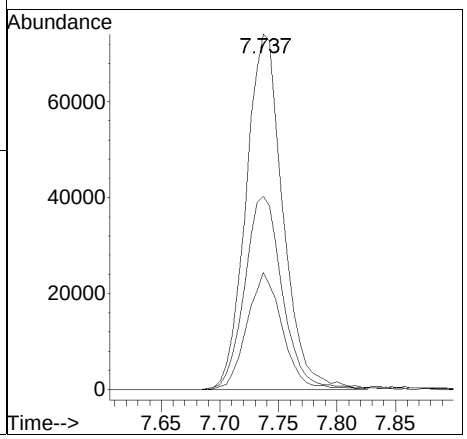


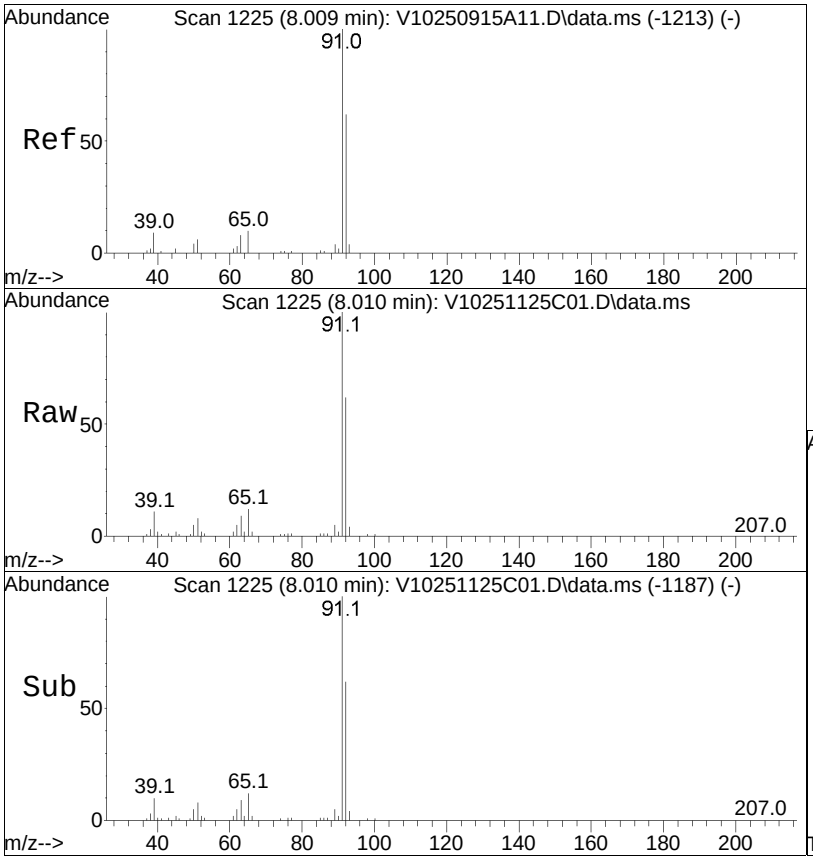


#58
cis-1,3-Dichloropropene
Concen: 41.80 ug/L
RT: 7.737 min Scan# 1173
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 75 Resp: 162502

Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.2	36.4
39	55.5	45.8	68.8

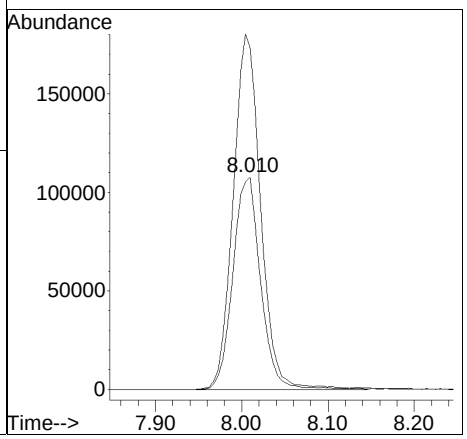


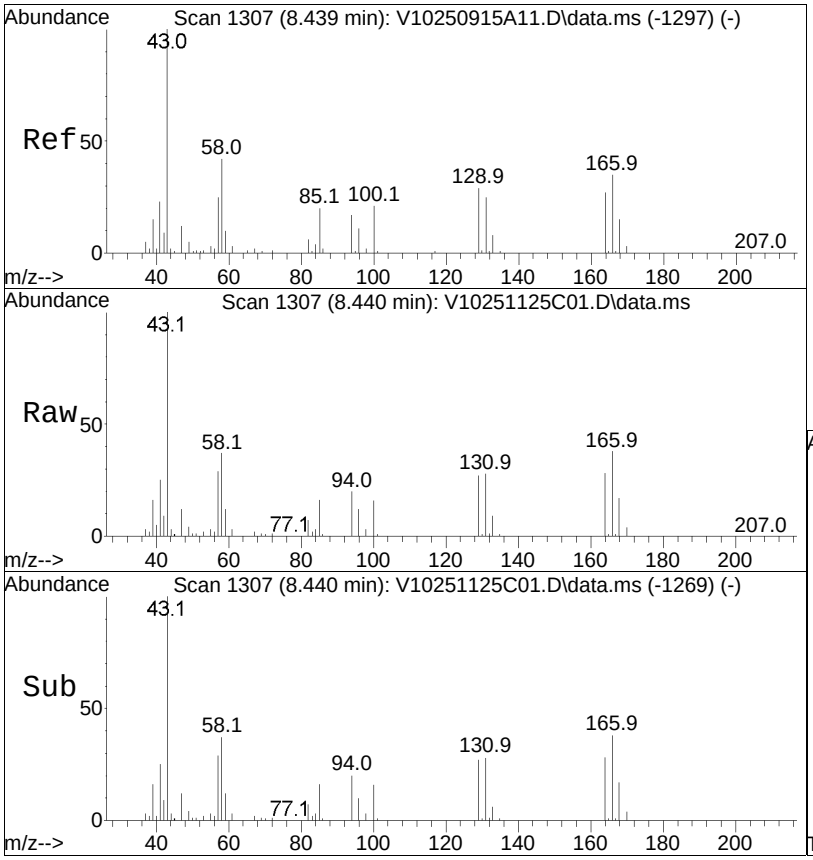


#61
Toluene
Concen: 38.05 ug/L
RT: 8.010 min Scan# 1225
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 92 Resp: 240135

Ion	Ratio	Lower	Upper
92	100		
91	165.2	134.9	202.3

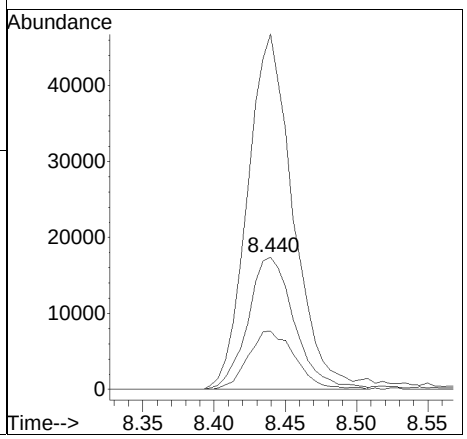


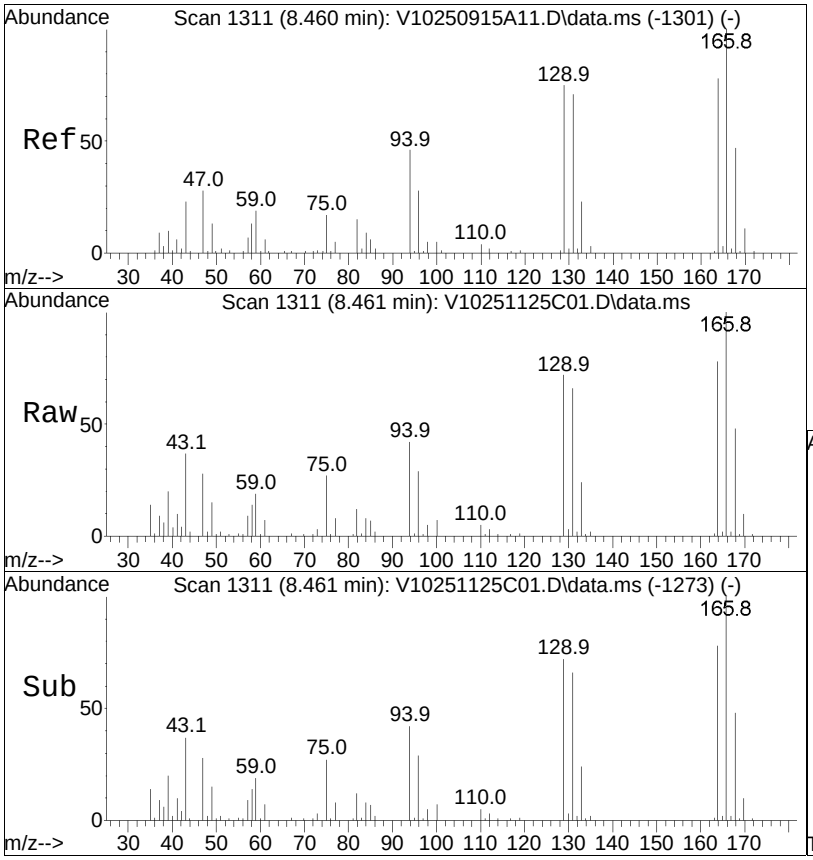


#62
4-Methyl-2-pentanone
Concen: 42.10 ug/L
RT: 8.440 min Scan# 1307
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 58 Resp: 39633

Ion	Ratio	Lower	Upper
58	100		
100	44.7	32.3	48.5
43	267.2	207.4	311.0

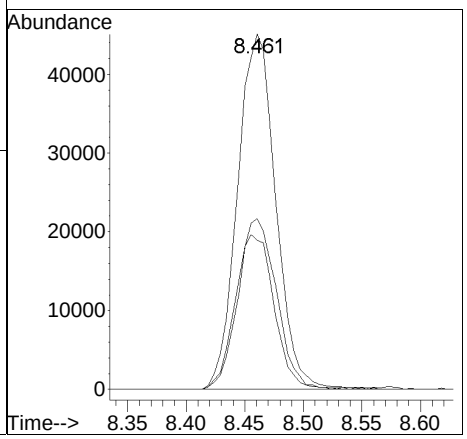


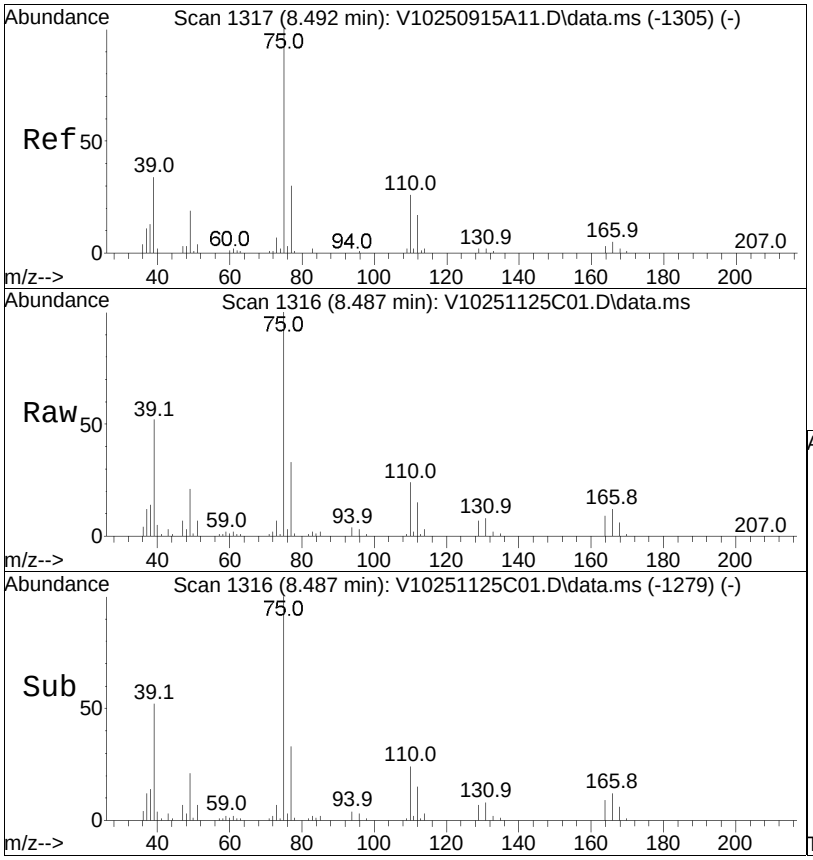


#63
Tetrachloroethene
Concen: 41.35 ug/L
RT: 8.461 min Scan# 1311
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:166 Resp: 102816

Ion	Ratio	Lower	Upper
166	100		
168	48.4	26.7	66.7
94	44.2	24.4	64.4

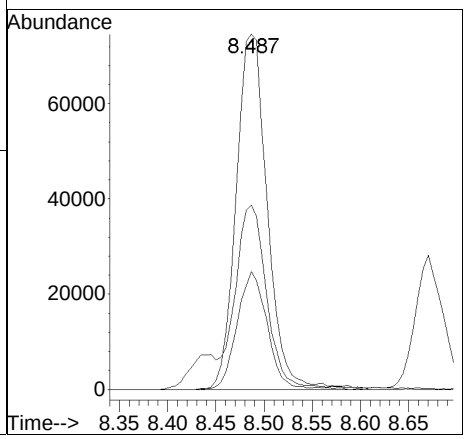


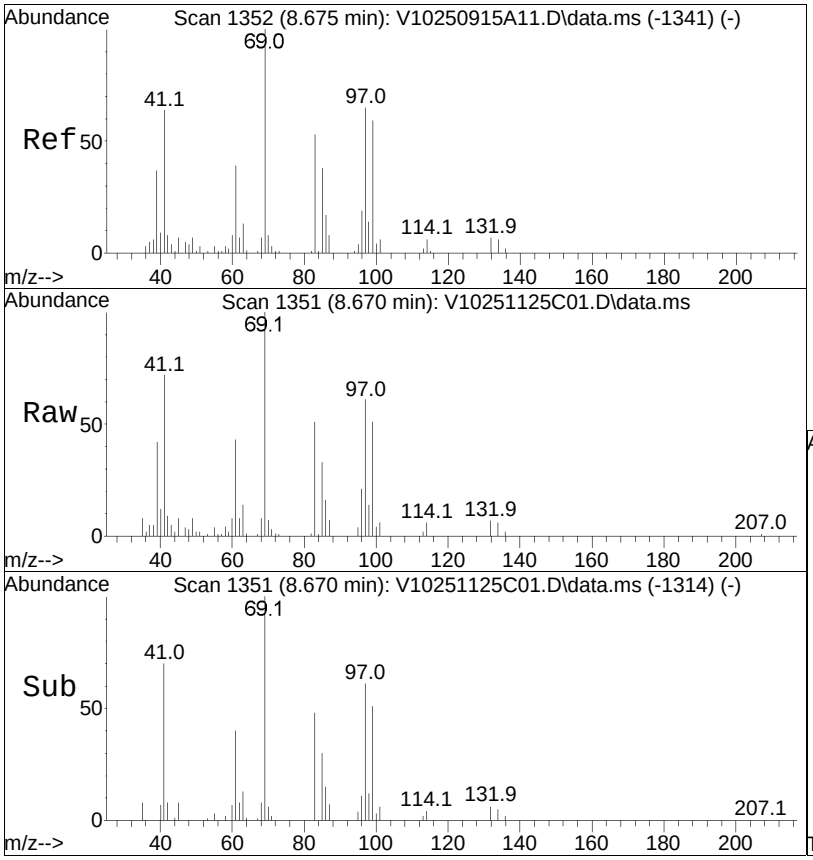


#65
trans-1,3-Dichloropropene
Concen: 46.18 ug/L
RT: 8.487 min Scan# 1316
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 75 Resp: 168315

Ion	Ratio	Lower	Upper
75	100		
77	31.8	11.0	51.0
39	51.0	38.3	78.3

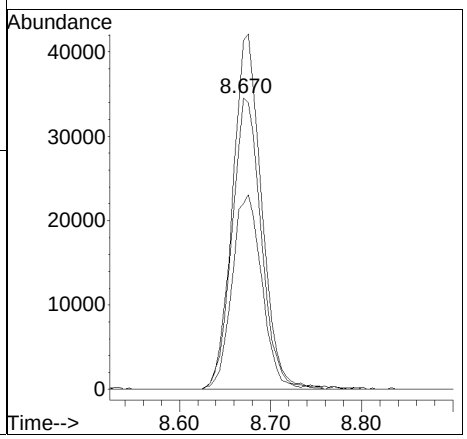


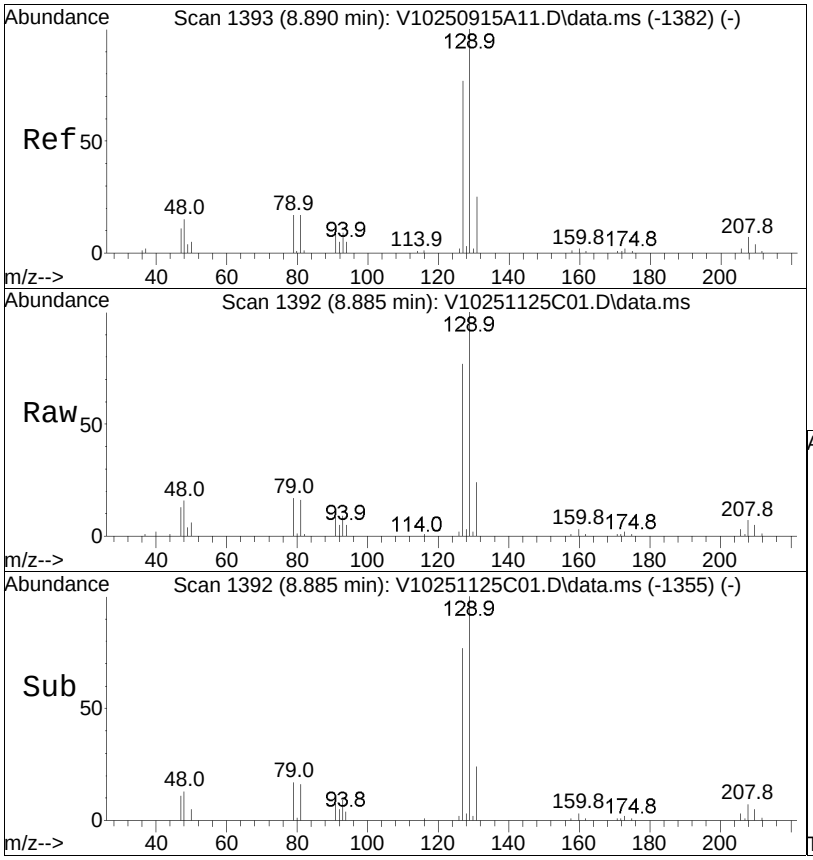


#68
1,1,2-Trichloroethane
Concen: 42.50 ug/L
RT: 8.670 min Scan# 1351
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 83 Resp: 77880

Ion	Ratio	Lower	Upper
83	100		
97	119.6	103.5	143.5
85	68.1	49.8	89.8

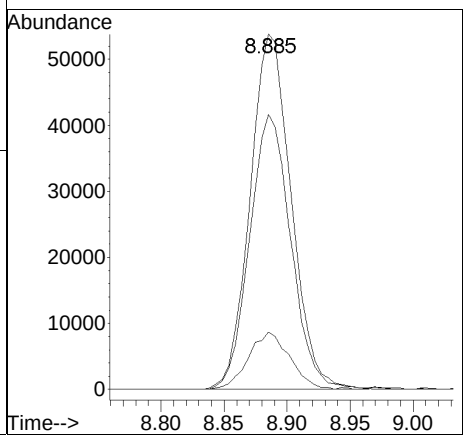


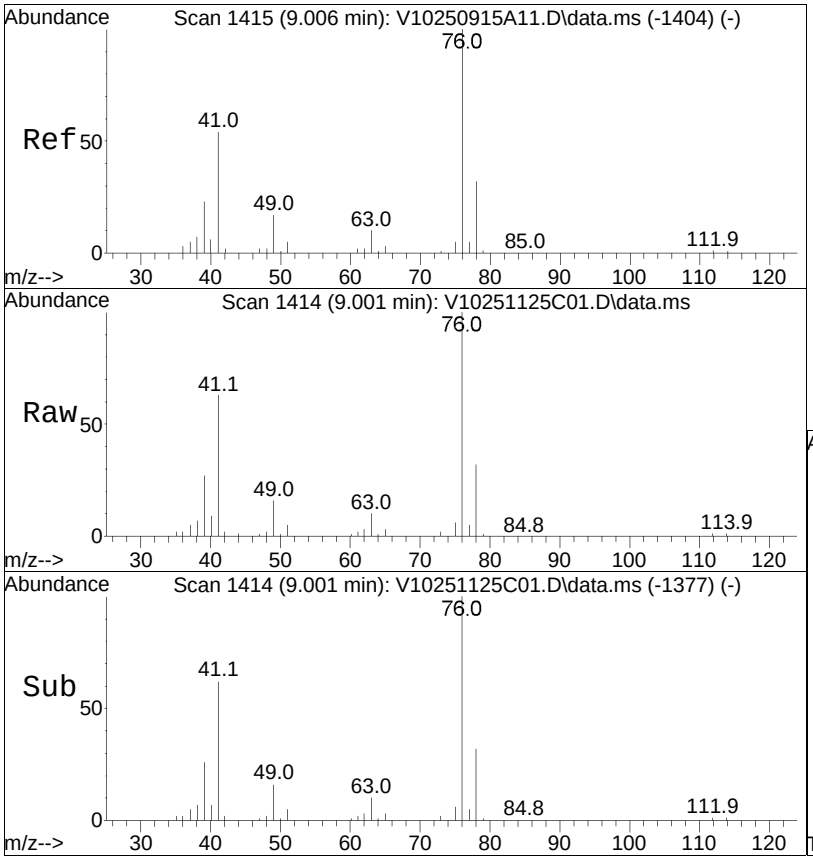


#69
Chlorodibromomethane
Concen: 45.44 ug/L
RT: 8.885 min Scan# 1392
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:129 Resp: 121957

Ion	Ratio	Lower	Upper
129	100		
81	16.2	0.0	38.1
127	77.6	56.5	96.5

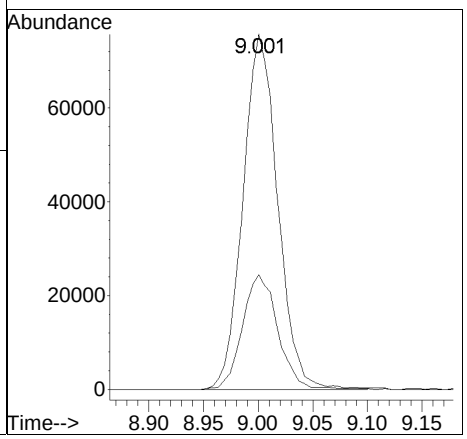


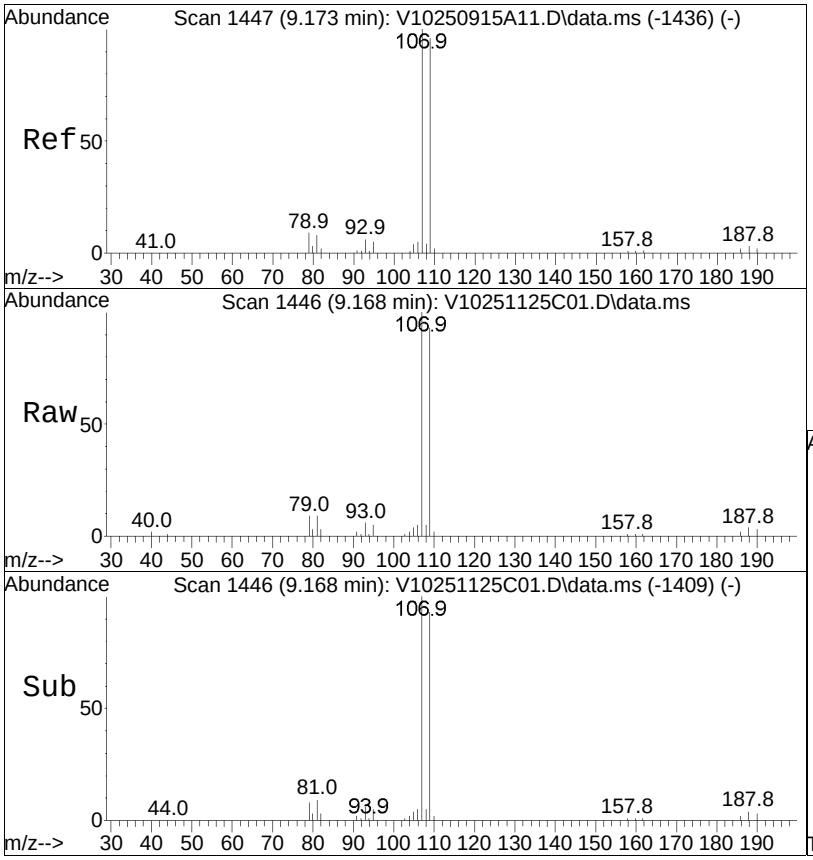


#70
1,3-Dichloropropane
Concen: 43.65 ug/L
RT: 9.001 min Scan# 1414
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 76 Resp: 167584

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.8	38.8

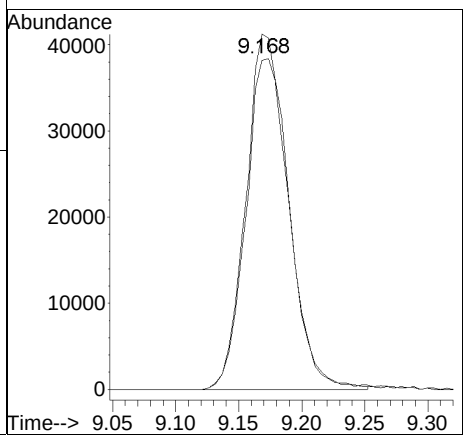


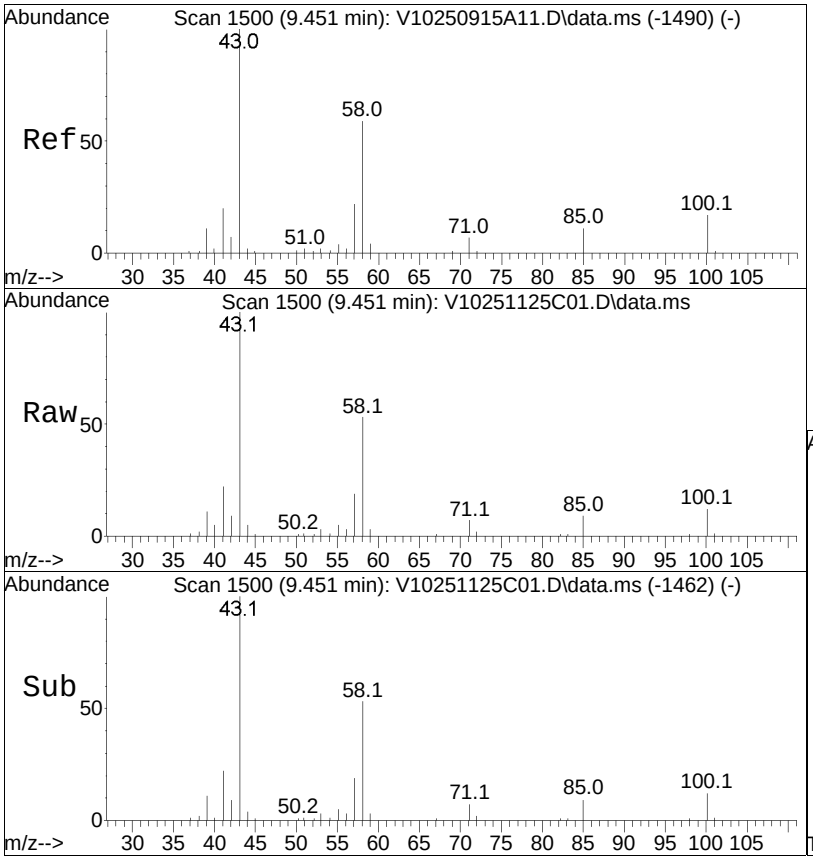


#71
1,2-Dibromoethane
Concen: 43.04 ug/L
RT: 9.168 min Scan# 1446
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:107 Resp: 96900

Ion	Ratio	Lower	Upper
107	100		
109	95.1	76.8	115.2

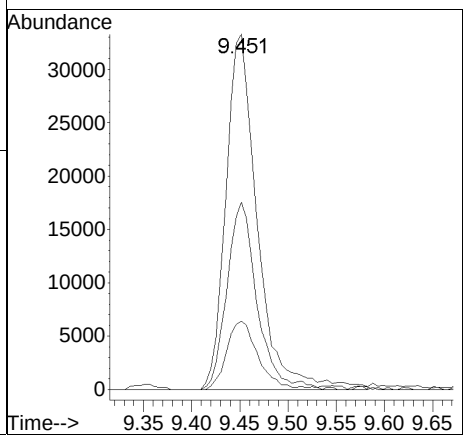


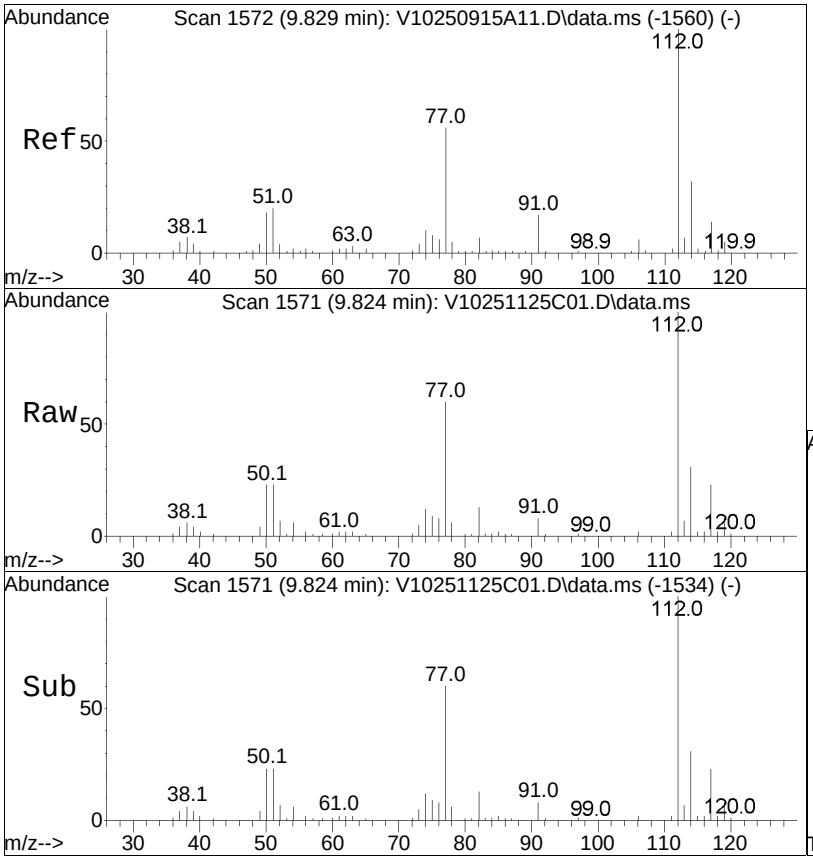


#72
2-Hexanone
Concen: 41.07 ug/L
RT: 9.451 min Scan# 1500
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 43 Resp: 75738

Ion	Ratio	Lower	Upper
43	100		
58	50.1	43.0	64.4
57	18.9	14.6	21.8

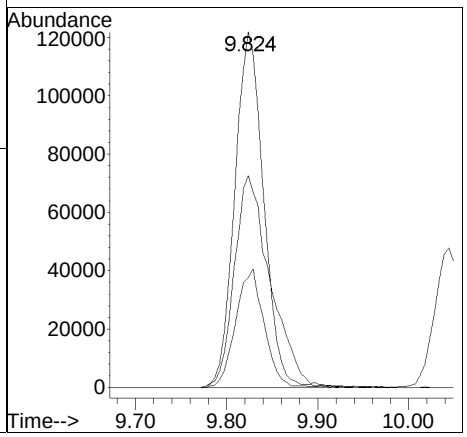


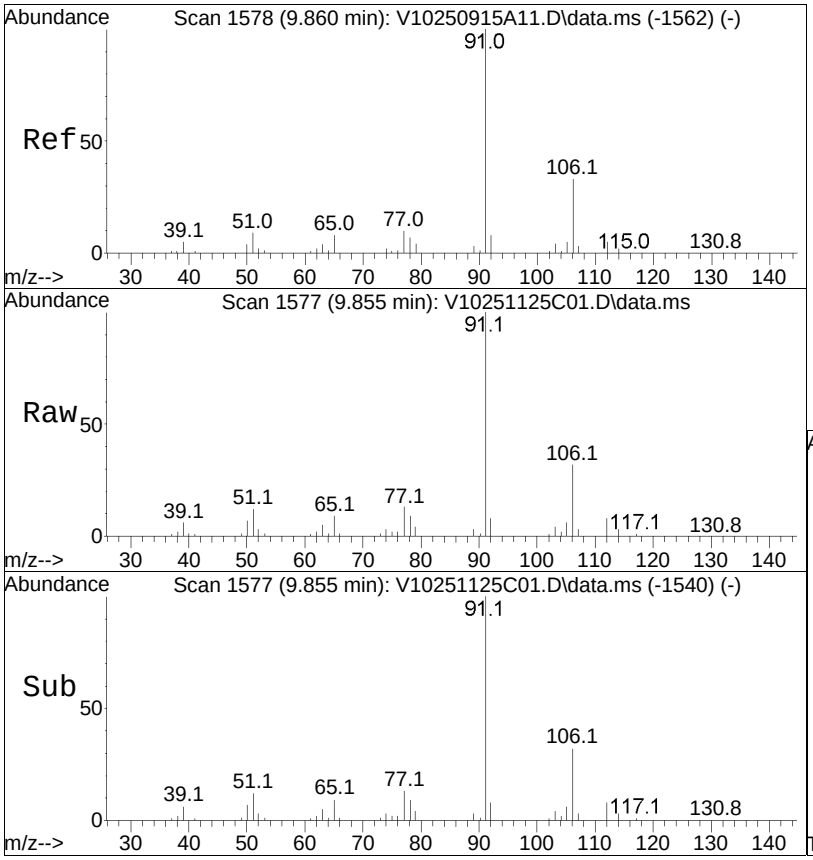


#73
Chlorobenzene
Concen: 37.11 ug/L
RT: 9.824 min Scan# 1571
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:112 Resp: 268903

Ion	Ratio	Lower	Upper
112	100		
77	74.3	47.0	70.6#
114	32.7	26.2	39.2

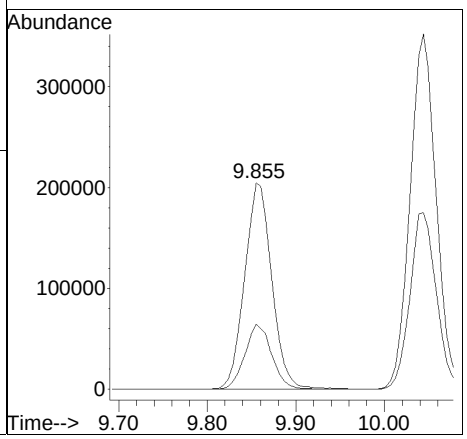


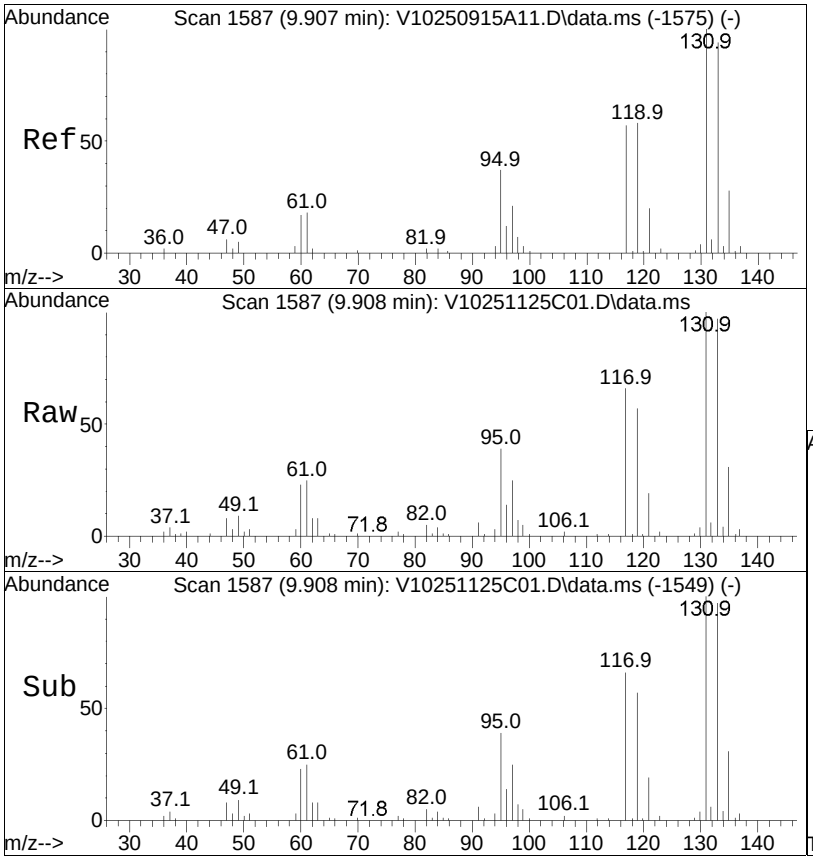


#74
Ethylbenzene
Concen: 36.23 ug/L
RT: 9.855 min Scan# 1577
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 91 Resp: 438050

Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.7	37.1

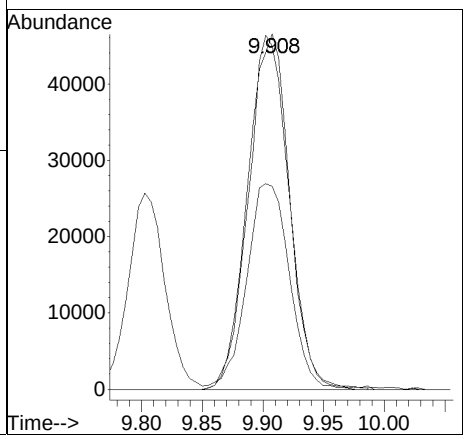


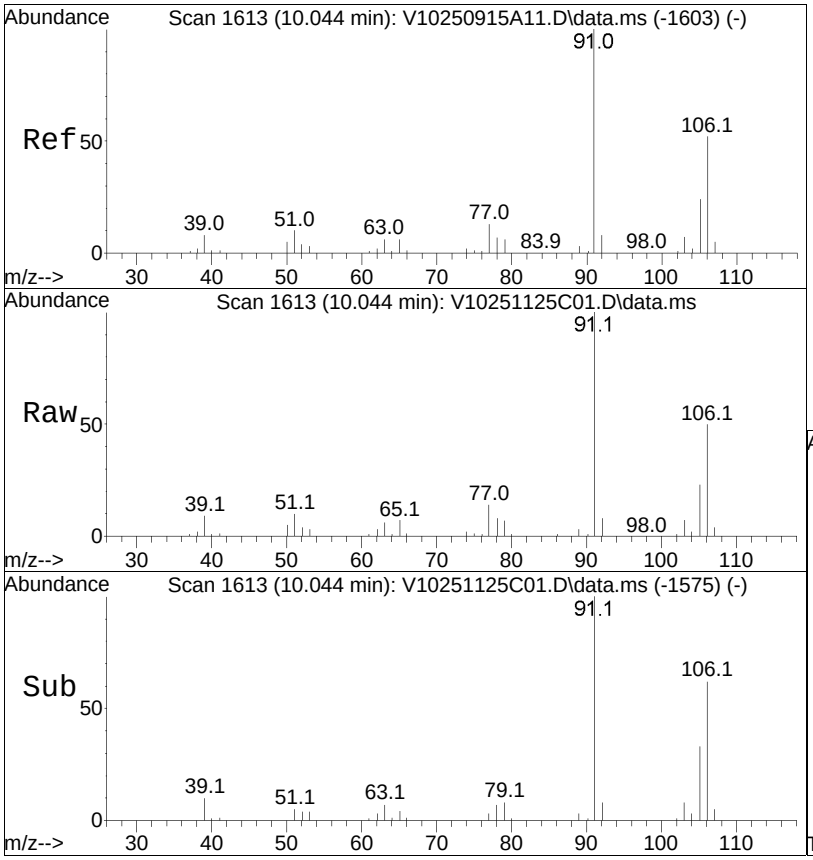


#75
1,1,1,2-Tetrachloroethane
Concen: 42.63 ug/L
RT: 9.908 min Scan# 1587
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:131 Resp: 111508

Ion	Ratio	Lower	Upper
131	100		
133	97.6	74.6	114.6
119	59.2	47.7	87.7

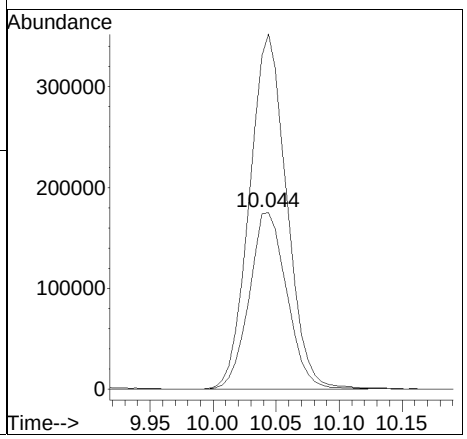


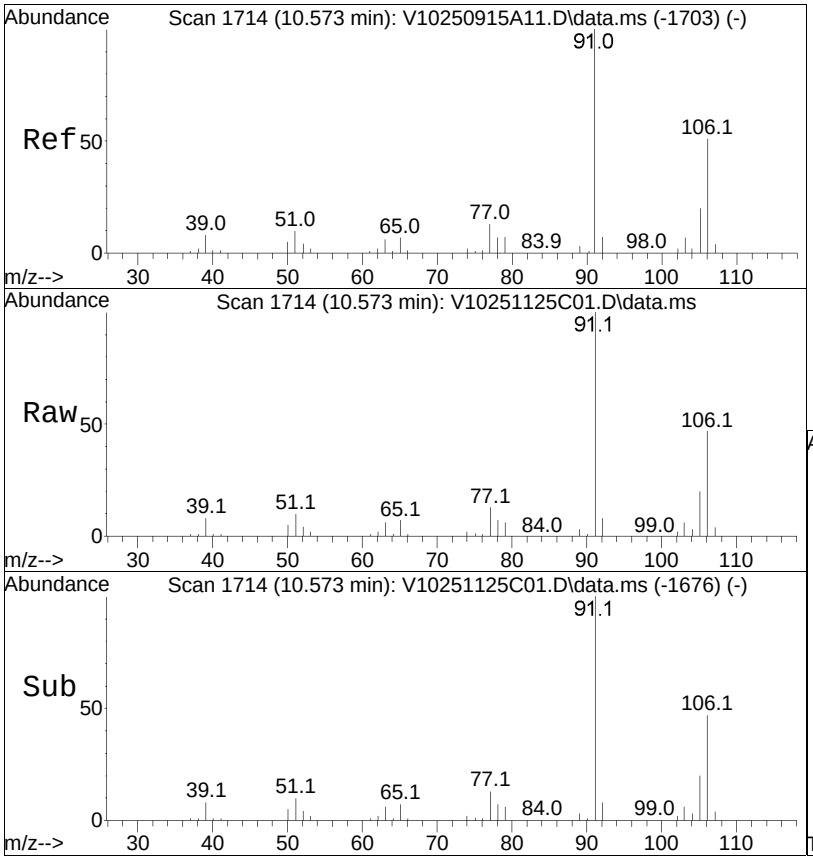


#76
p/m Xylene
Concen: 75.33 ug/L
RT: 10.044 min Scan# 1613
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:106 Resp: 364940

Ion	Ratio	Lower	Upper
106	100		
91	198.0	158.2	237.2

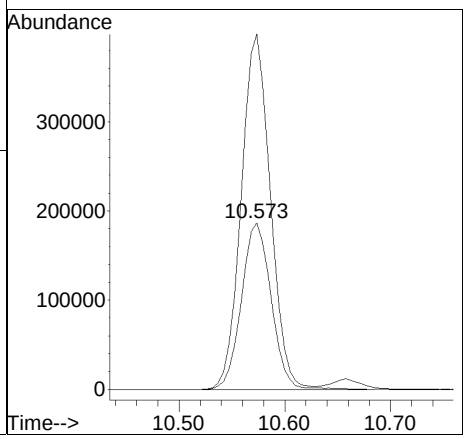


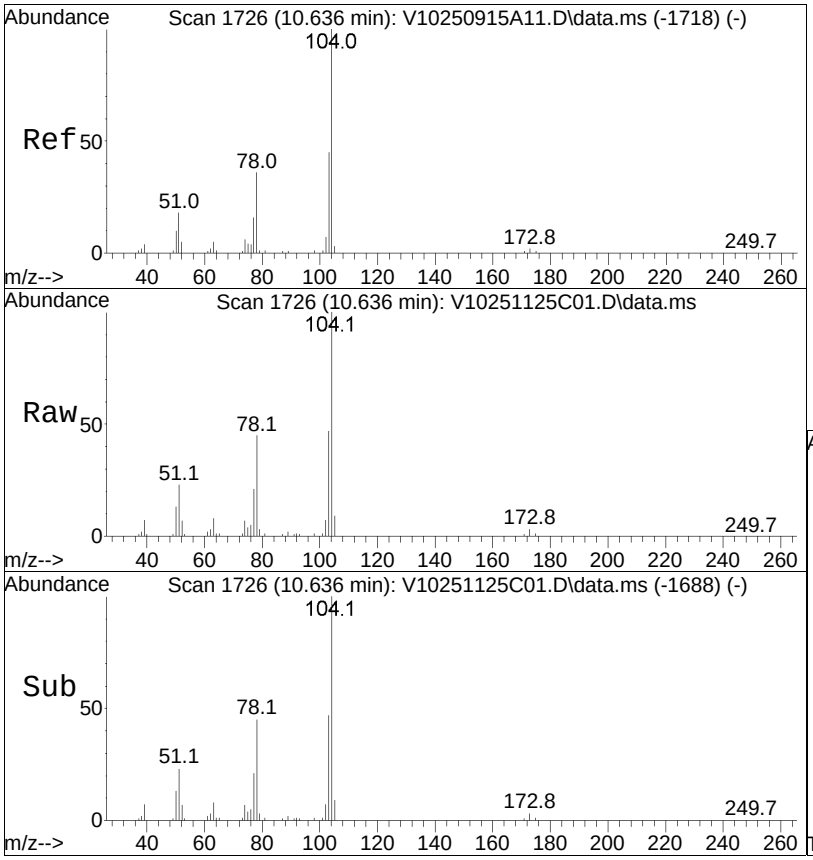


#77
o Xylene
Concen: 75.67 ug/L
RT: 10.573 min Scan# 1714
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:106 Resp: 364483

Ion	Ratio	Lower	Upper
106	100		
91	208.4	167.9	251.9

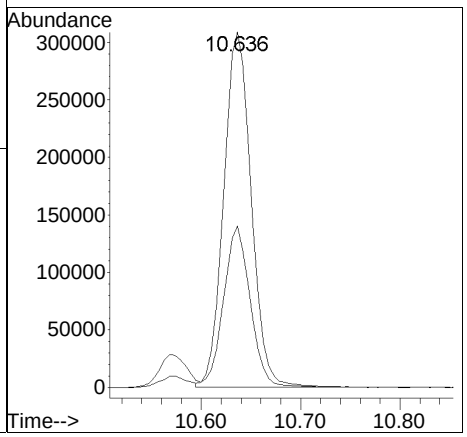


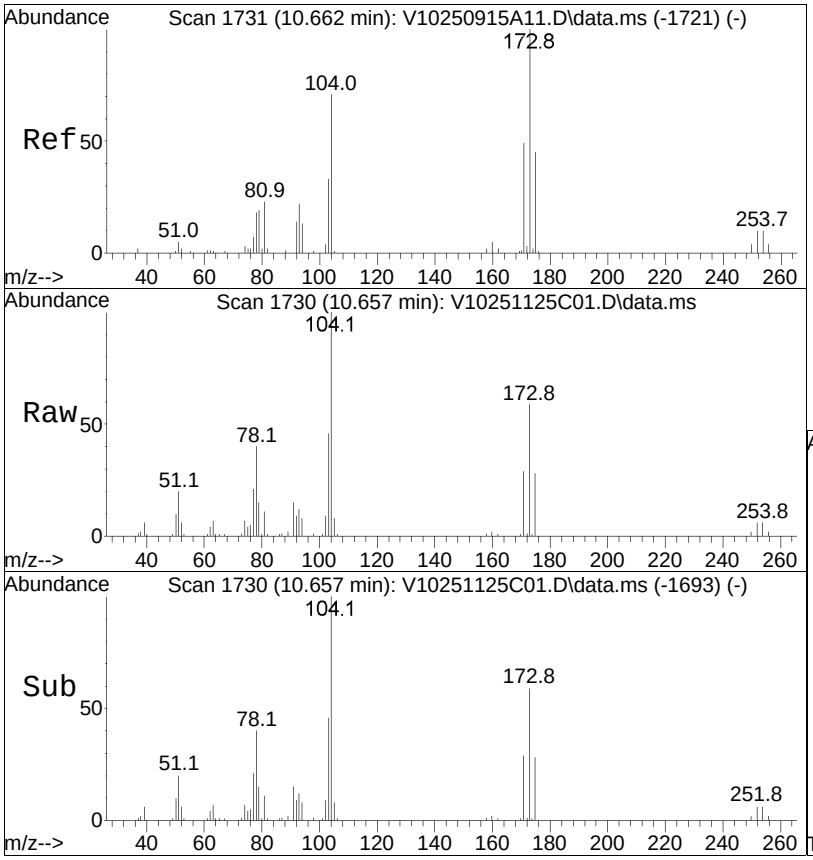


#78
Styrene
Concen: 73.18 ug/L
RT: 10.636 min Scan# 1726
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:104 Resp: 594324

Ion	Ratio	Lower	Upper
104	100		
78	43.8	33.9	50.9

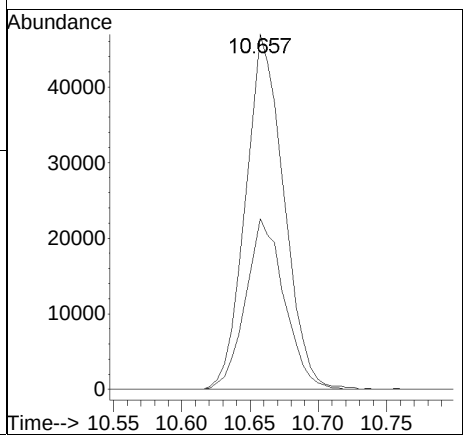


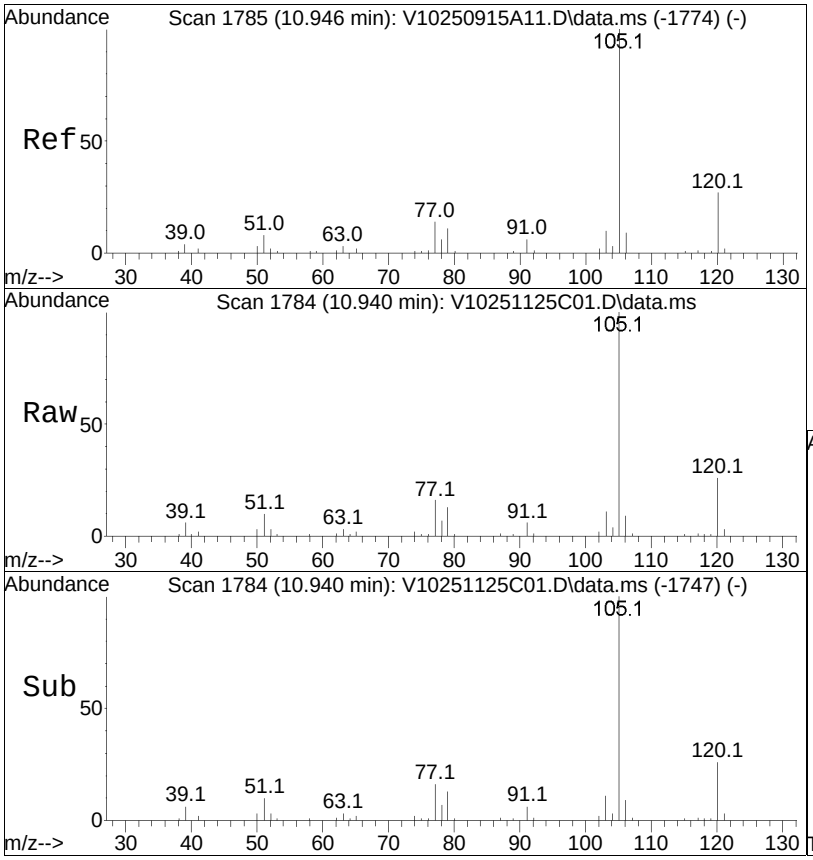


#80
Bromoform
Concen: 42.88 ug/L
RT: 10.657 min Scan# 1730
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:173 Resp: 91681

Ion	Ratio	Lower	Upper
173	100		
175	48.7	29.4	69.4

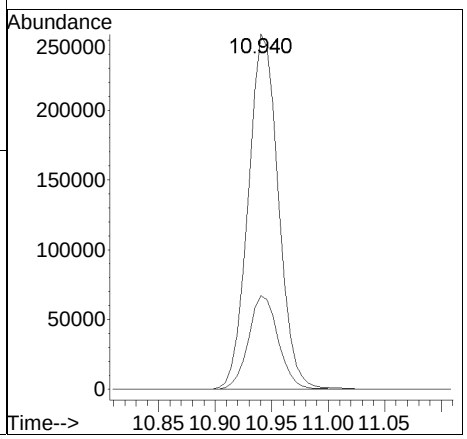


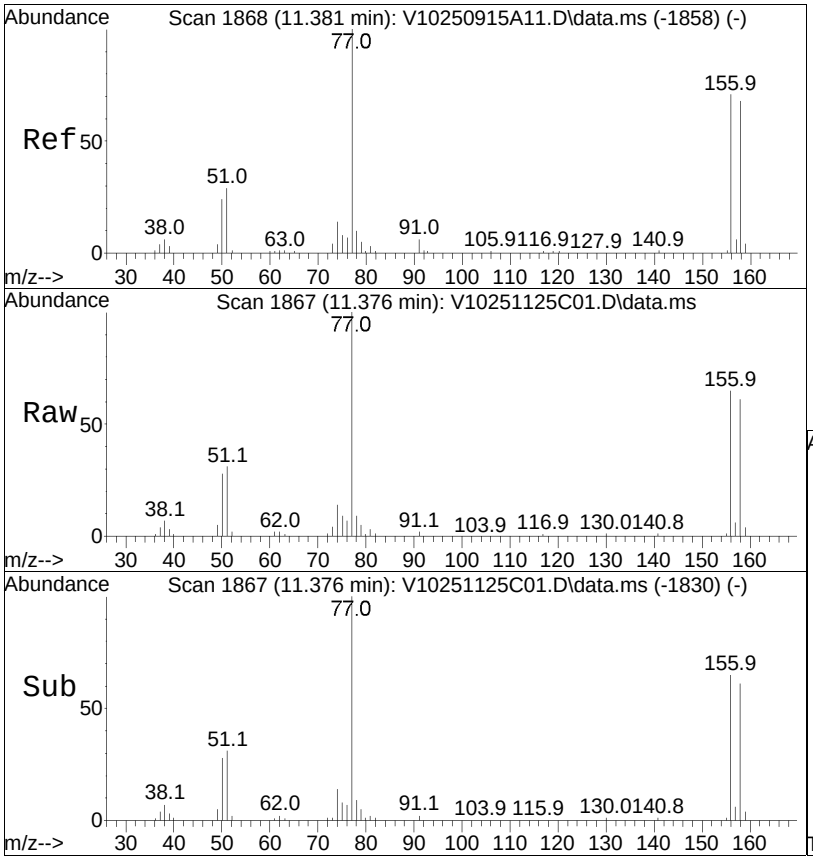


#82
Isopropylbenzene
Concen: 35.14 ug/L
RT: 10.940 min Scan# 1784
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:105 Resp: 472496

Ion	Ratio	Lower	Upper
105	100		
120	26.1	6.7	46.7

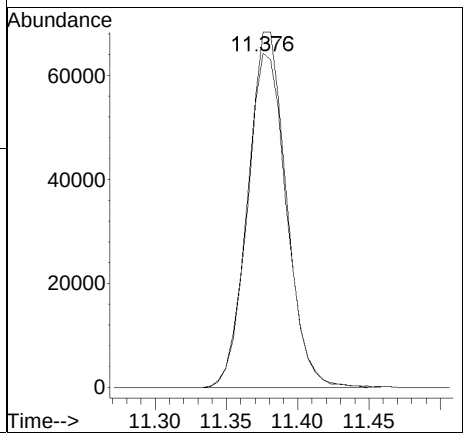


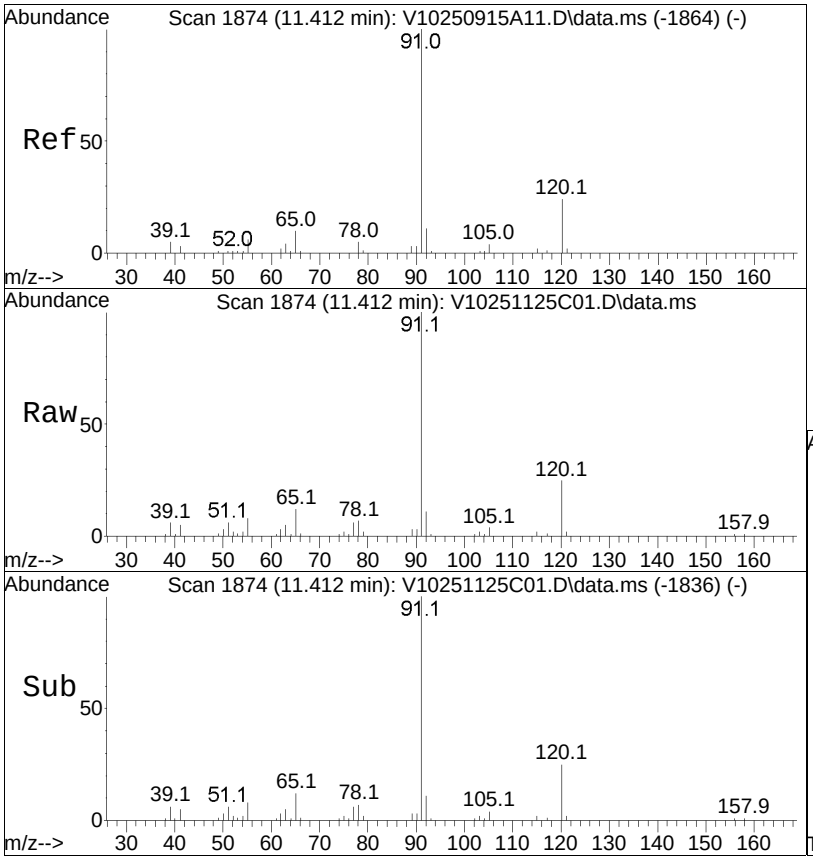


#84
Bromobenzene
Concen: 35.48 ug/L
RT: 11.376 min Scan# 1867
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:156 Resp: 128780

Ion	Ratio	Lower	Upper
156	100		
158	95.3	76.2	114.4

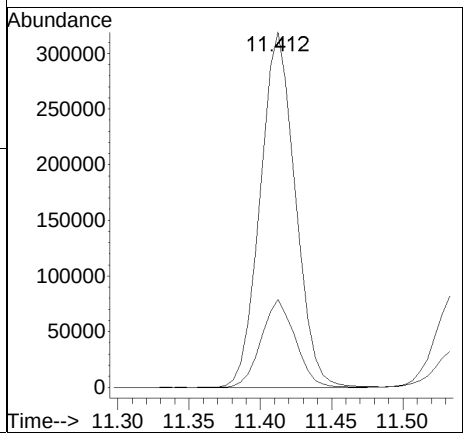


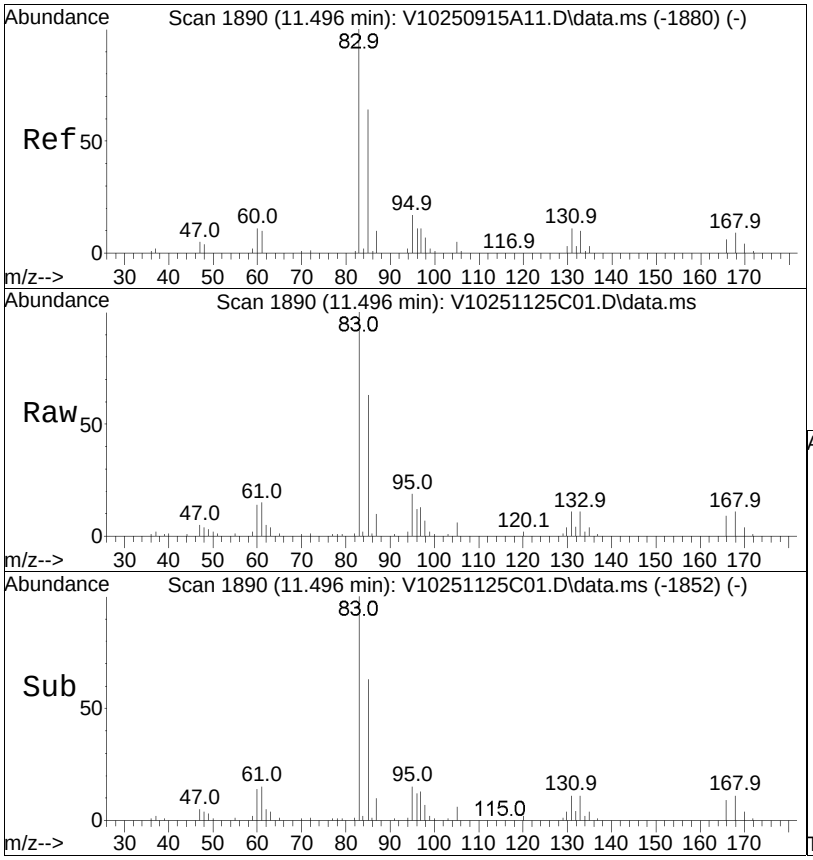


#85
n-Propylbenzene
Concen: 35.13 ug/L
RT: 11.412 min Scan# 1874
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 91 Resp: 545597

Ion	Ratio	Lower	Upper
91	100		
120	24.0	18.7	28.1

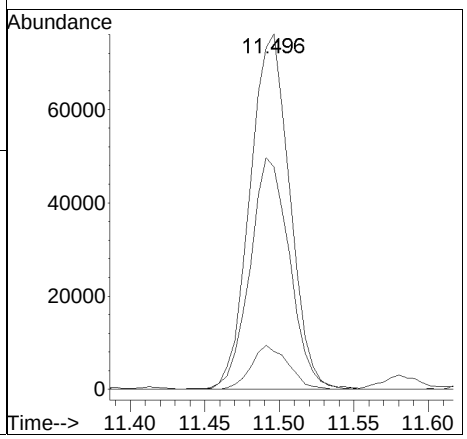


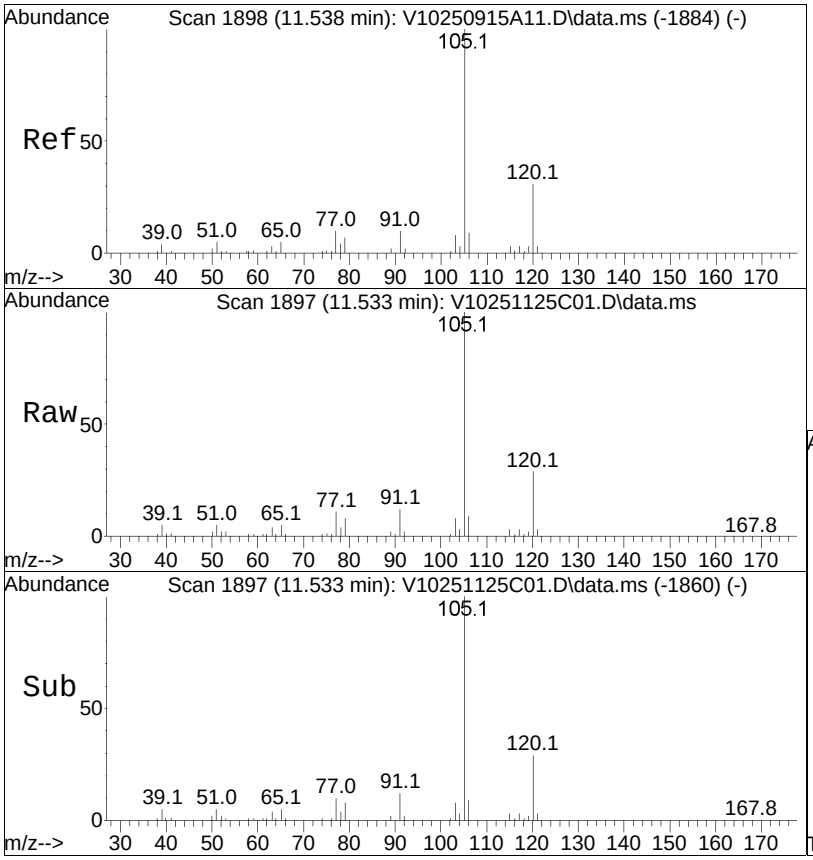


#87
1,1,2,2-Tetrachloroethane
Concen: 38.49 ug/L
RT: 11.496 min Scan# 1890
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 83 Resp: 141136

Ion	Ratio	Lower	Upper
83	100		
131	11.6	0.0	29.3
85	65.4	42.1	82.1

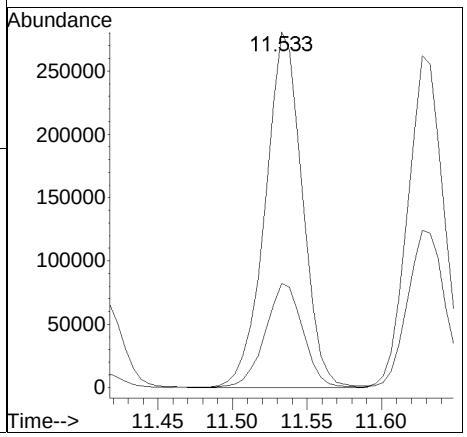


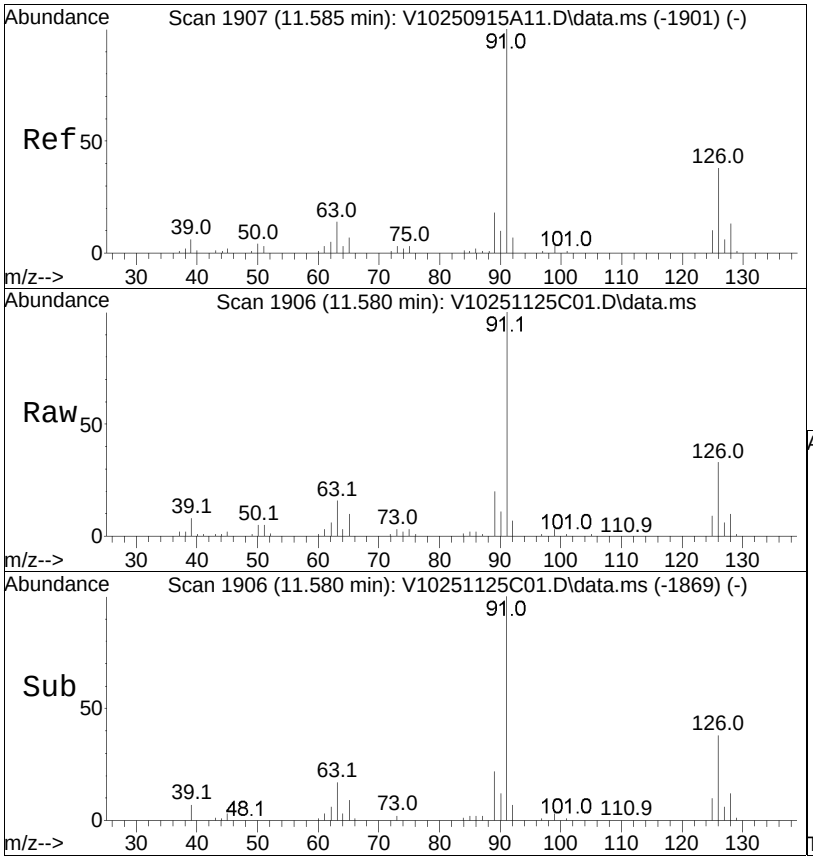


#88
4-Ethyltoluene
Concen: 35.36 ug/L
RT: 11.533 min Scan# 1897
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:105 Resp: 485197

Ion	Ratio	Lower	Upper
105	100		
120	29.7	19.8	41.2

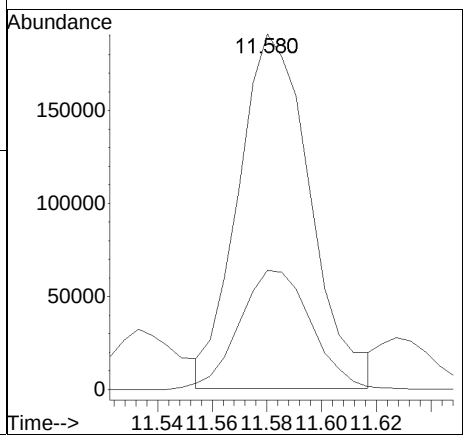


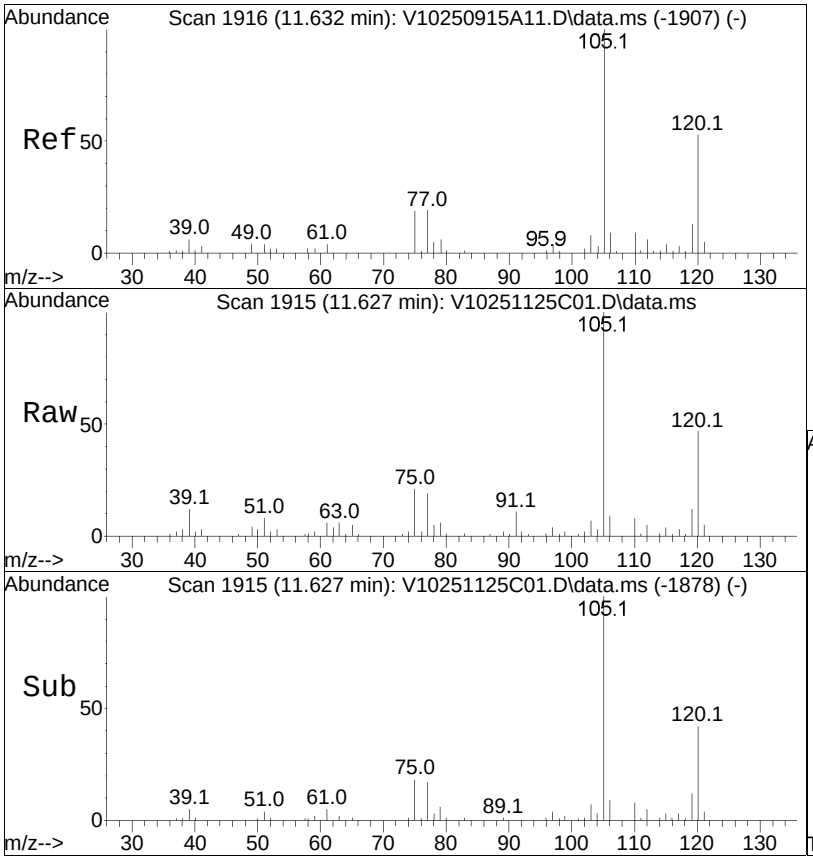


#89
2-Chlorotoluene
Concen: 36.64 ug/L
RT: 11.580 min Scan# 1906
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 91 Resp: 348350

Ion	Ratio	Lower	Upper
91	100		
126	33.8	25.9	38.9

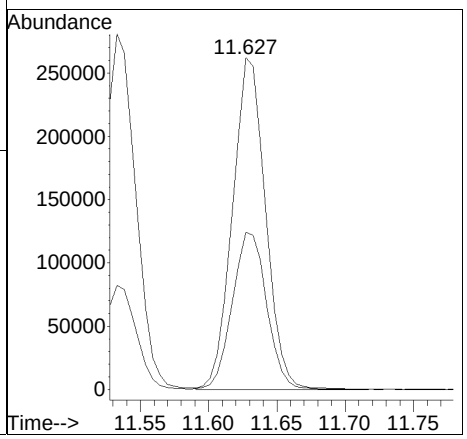


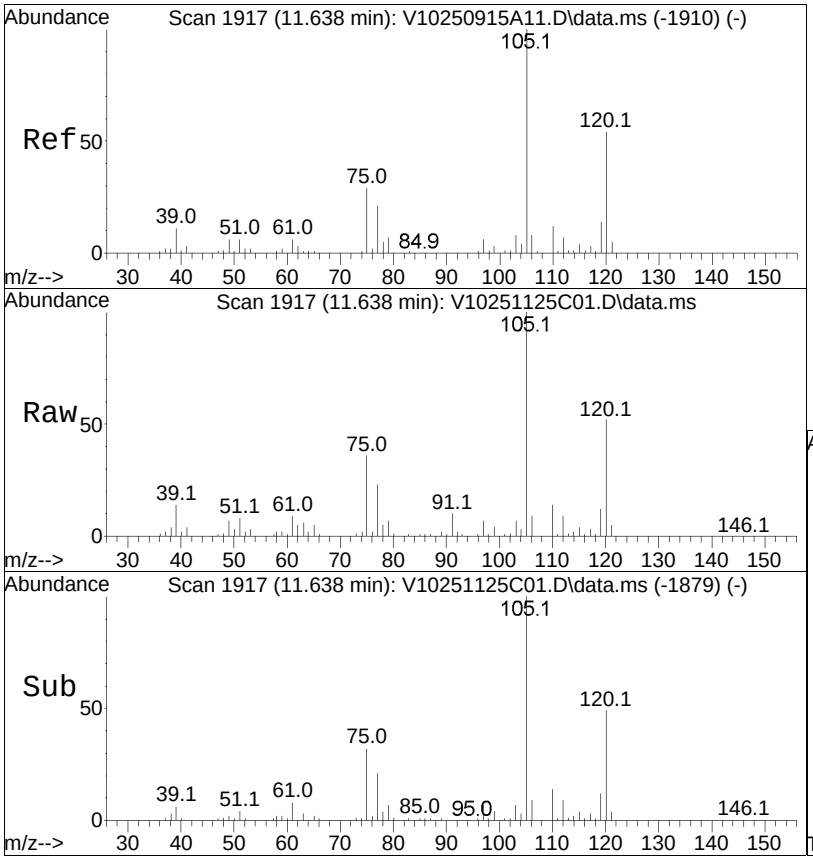


#90
1,3,5-Trimethylbenzene
Concen: 37.60 ug/L
RT: 11.627 min Scan# 1915
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:105 Resp: 440240

Ion	Ratio	Lower	Upper
105	100		
120	49.3	41.0	61.4

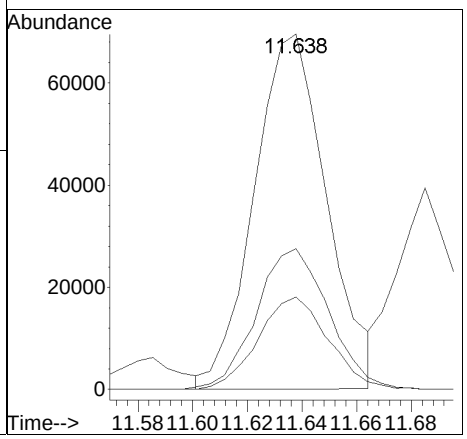


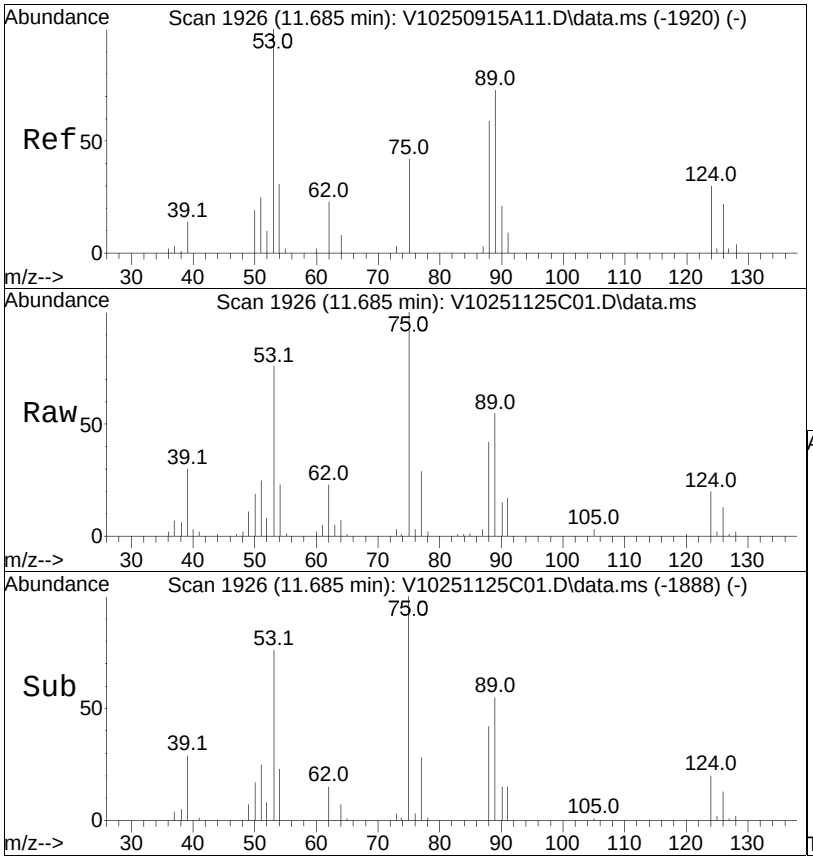


#91
1,2,3-Trichloropropane
Concen: 43.31 ug/L
RT: 11.638 min Scan# 1917
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 75 Resp: 127990

Ion	Ratio	Lower	Upper
75	100		
110	39.6	24.3	50.5
112	25.3	16.0	33.2

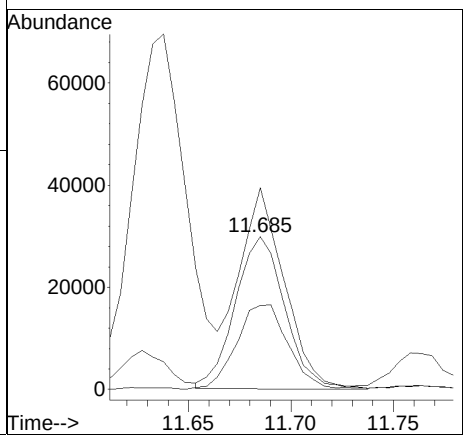


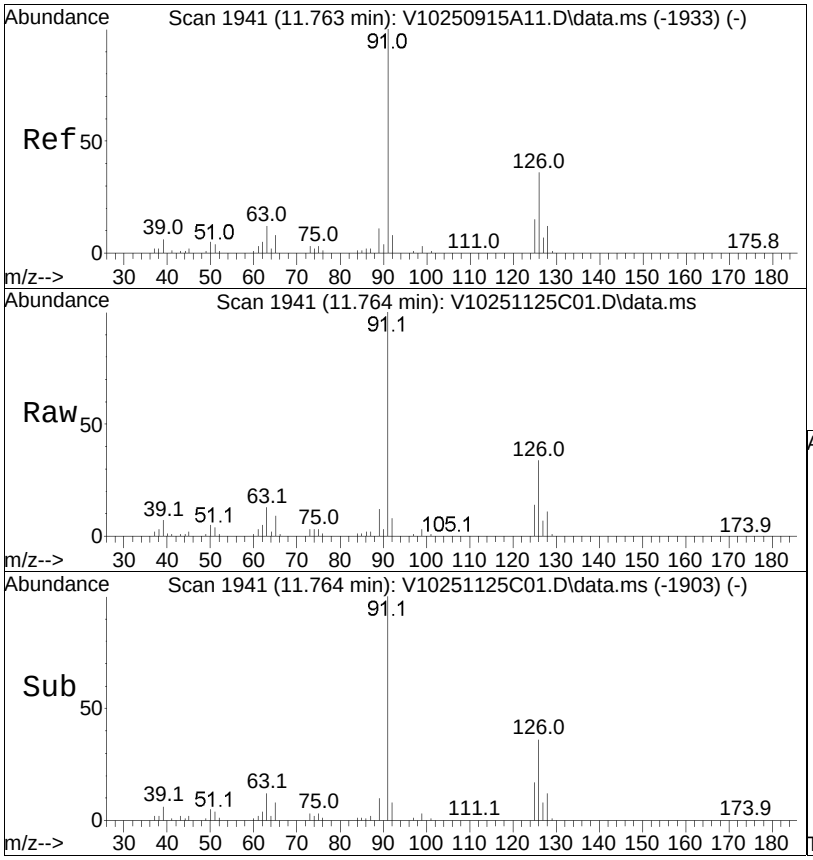


#92
trans-1,4-Dichloro-2-butene
Concen: 47.23 ug/L
RT: 11.685 min Scan# 1926
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 53 Resp: 50301

Ion	Ratio	Lower	Upper
53	100		
88	58.3	39.1	58.7
75	119.5	101.6	152.4

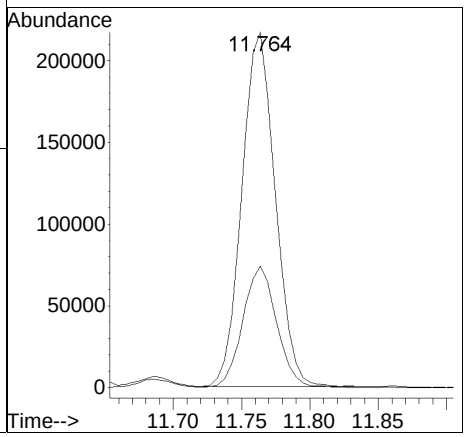


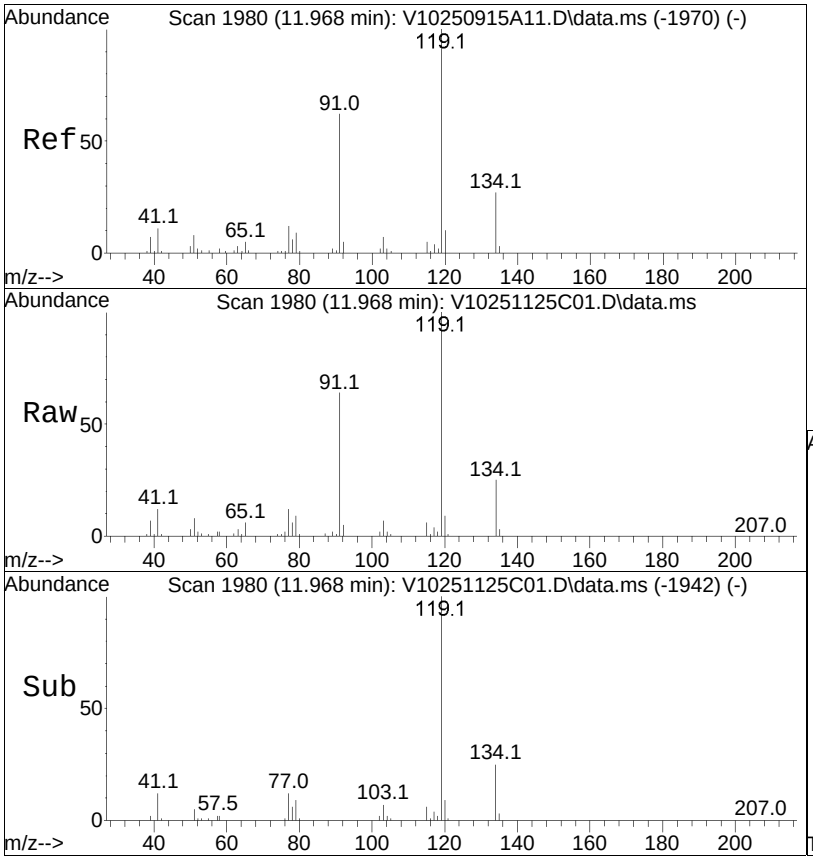


#93
4-Chlorotoluene
Concen: 36.76 ug/L
RT: 11.764 min Scan# 1941
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 91 Resp: 368181

Ion	Ratio	Lower	Upper
91	100		
126	34.6	26.4	39.6

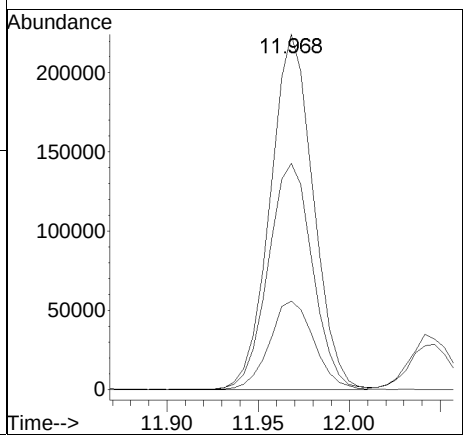


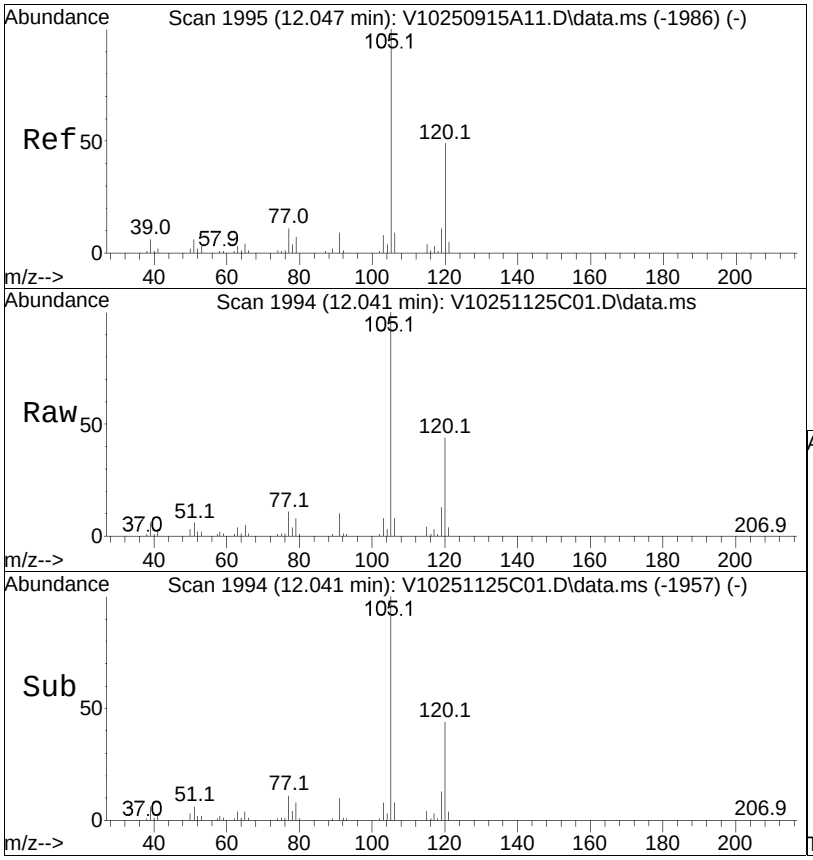


#94
tert-Butylbenzene
Concen: 36.40 ug/L
RT: 11.968 min Scan# 1980
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:119 Resp: 368130

Ion	Ratio	Lower	Upper
119	100		
91	65.8	49.0	73.4
134	25.7	20.0	30.0

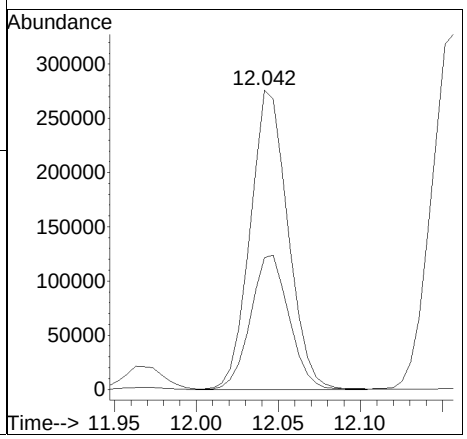


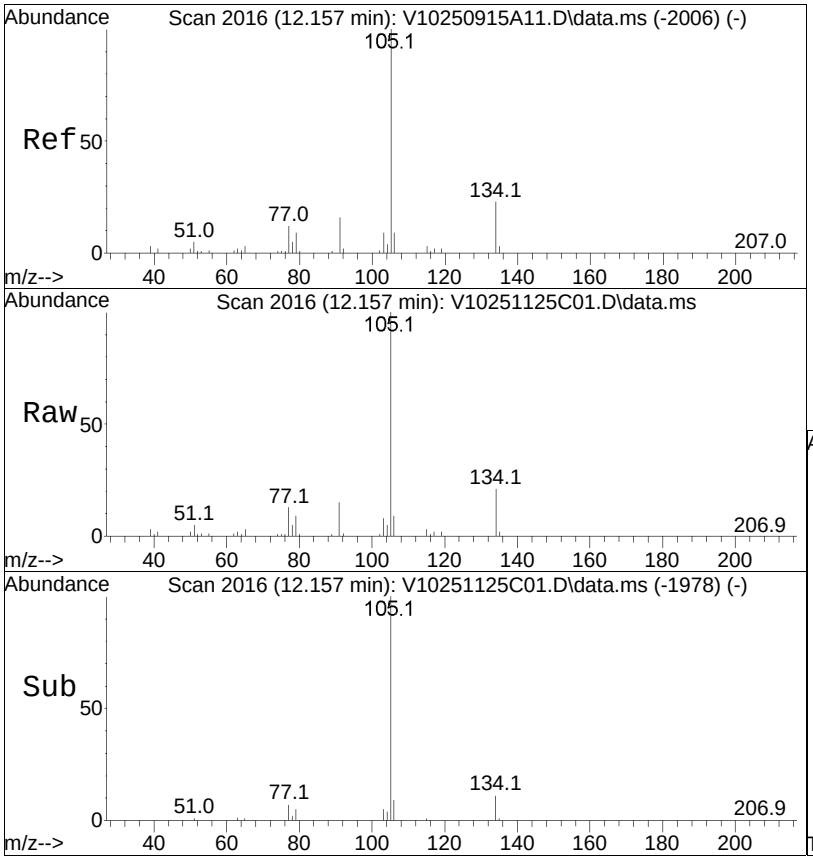


#97
1,2,4-Trimethylbenzene
Concen: 38.34 ug/L
RT: 12.041 min Scan# 1994
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:105 Resp: 442805

Ion	Ratio	Lower	Upper
105	100		
120	45.4	37.8	56.6

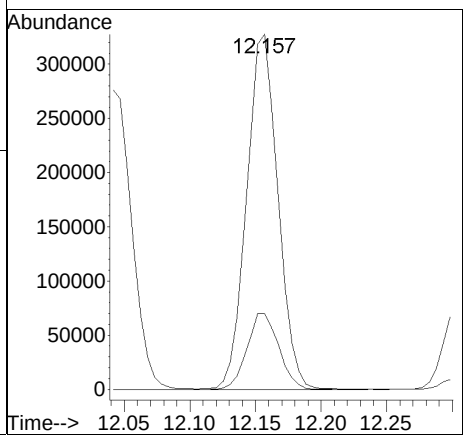


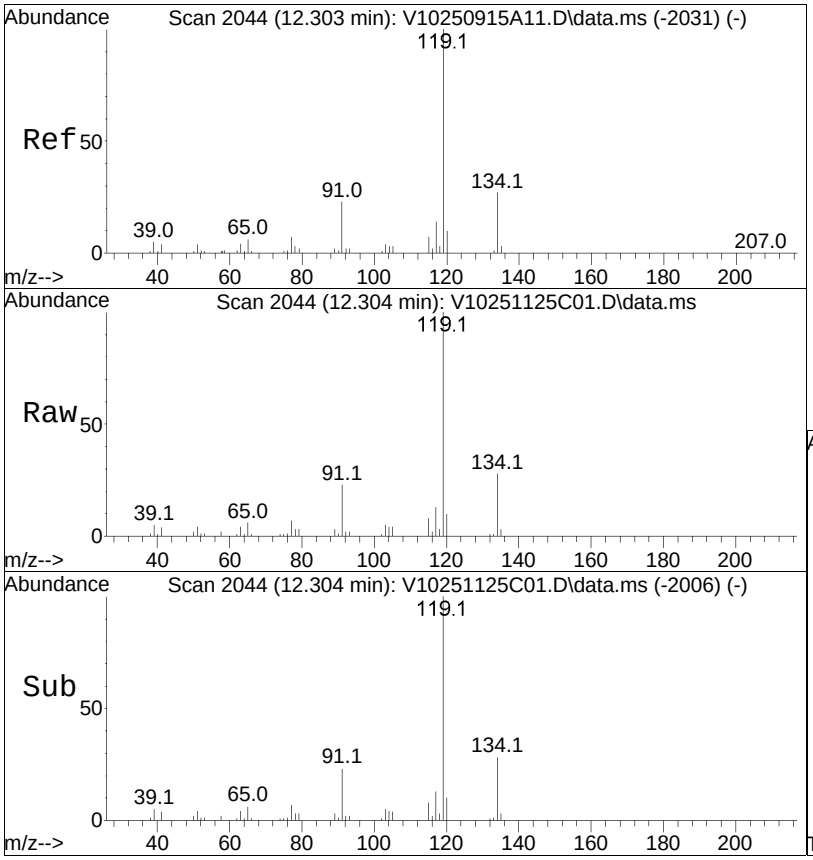


#98
sec-Butylbenzene
Concen: 37.23 ug/L
RT: 12.157 min Scan# 2016
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:105 Resp: 544737

Ion	Ratio	Lower	Upper
105	100		
134	21.6	13.0	27.0

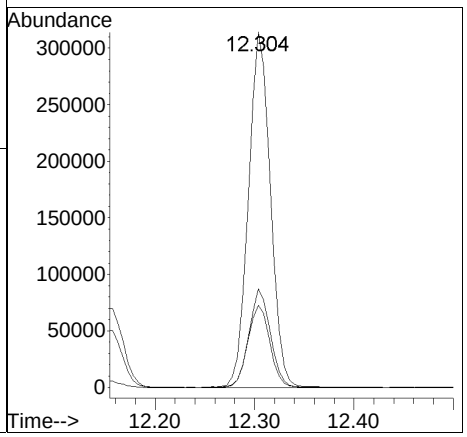


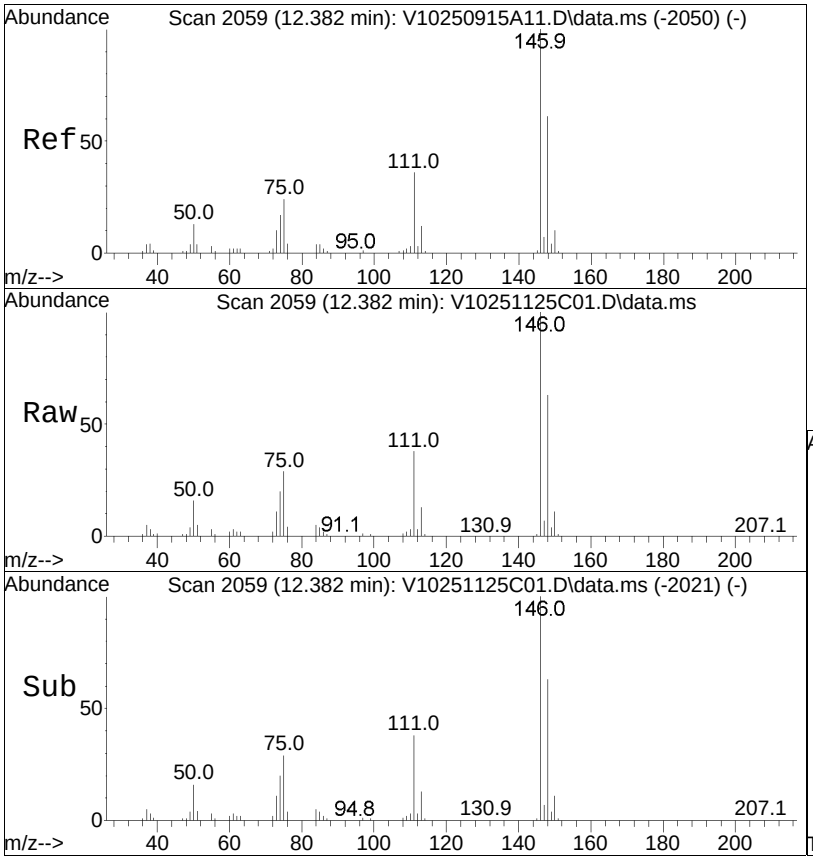


#99
p-Isopropyltoluene
Concen: 36.83 ug/L
RT: 12.304 min Scan# 2044
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:119 Resp: 483772

Ion	Ratio	Lower	Upper
119	100		
134	27.0	16.7	34.7
91	23.2	15.1	31.3

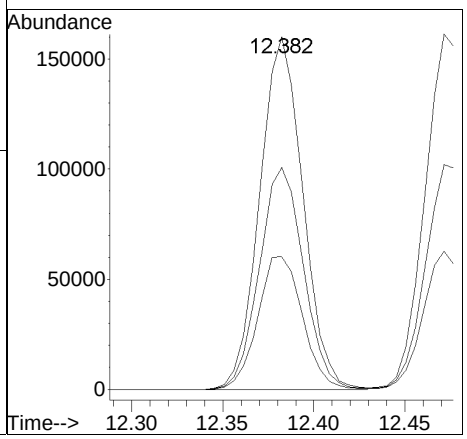


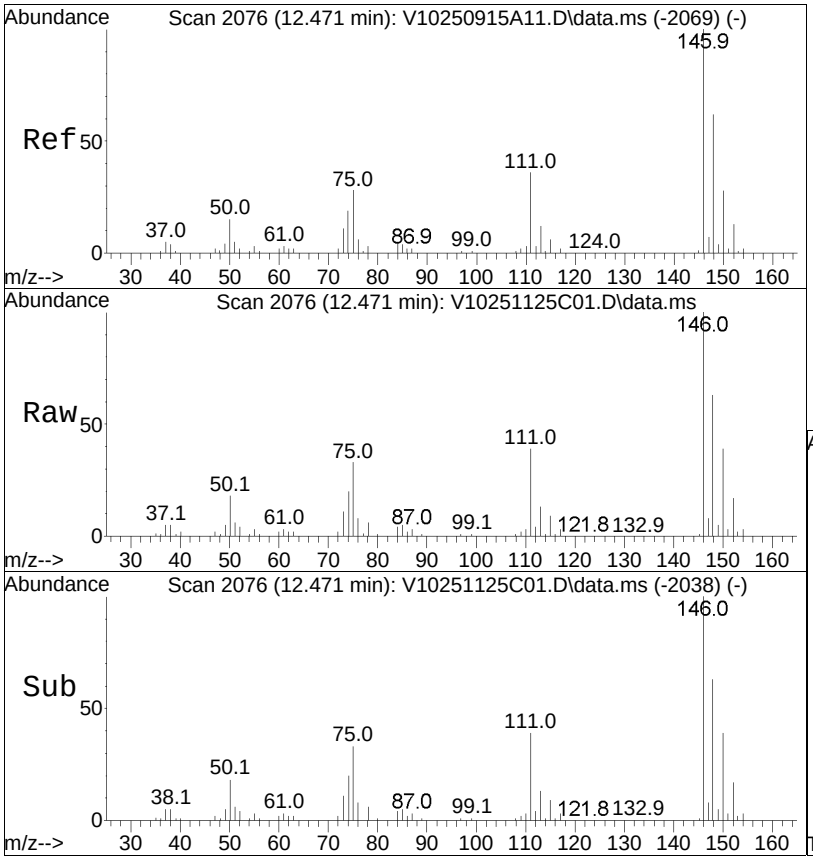


#100
1,3-Dichlorobenzene
Concen: 37.58 ug/L
RT: 12.382 min Scan# 2059
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:146 Resp: 263450

Ion	Ratio	Lower	Upper
146	100		
111	39.1	26.5	55.1
148	64.6	41.5	86.1

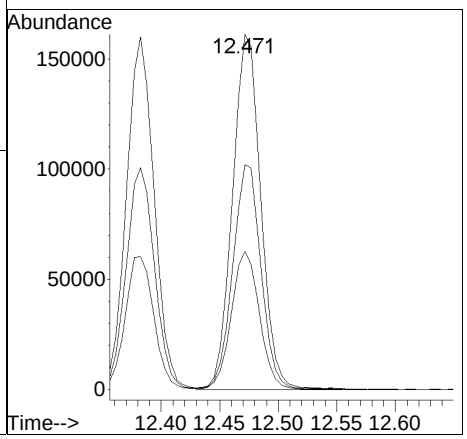


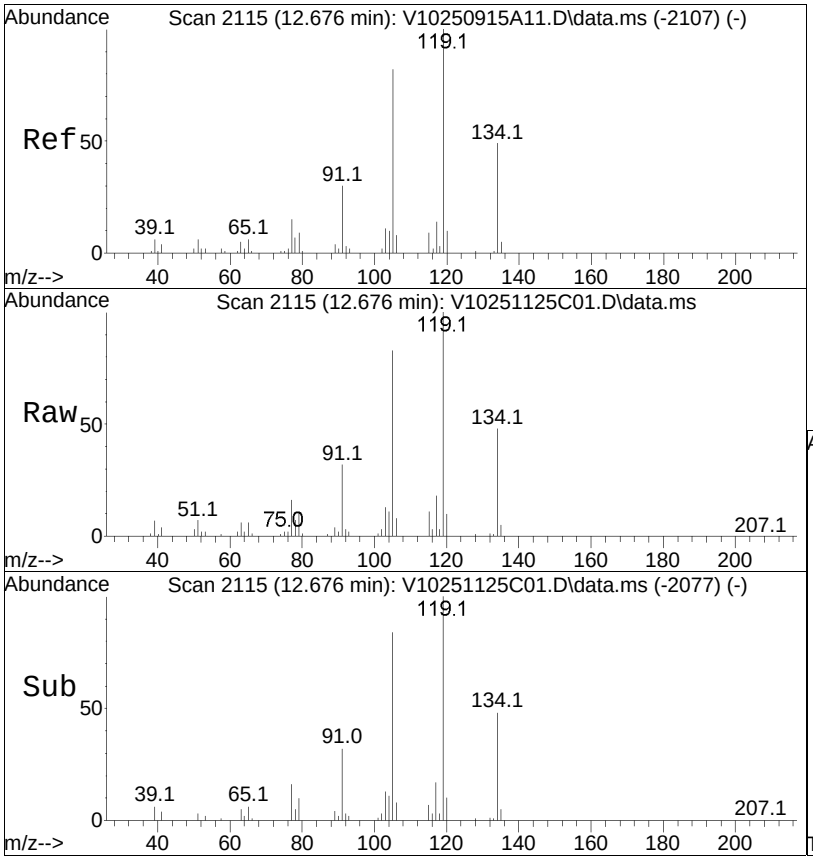


#101
1,4-Dichlorobenzene
Concen: 37.24 ug/L
RT: 12.471 min Scan# 2076
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:146 Resp: 270698

Ion	Ratio	Lower	Upper
146	100		
111	38.7	30.8	46.2
148	63.2	50.6	76.0

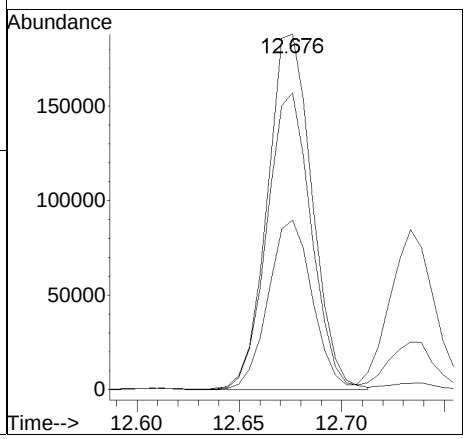


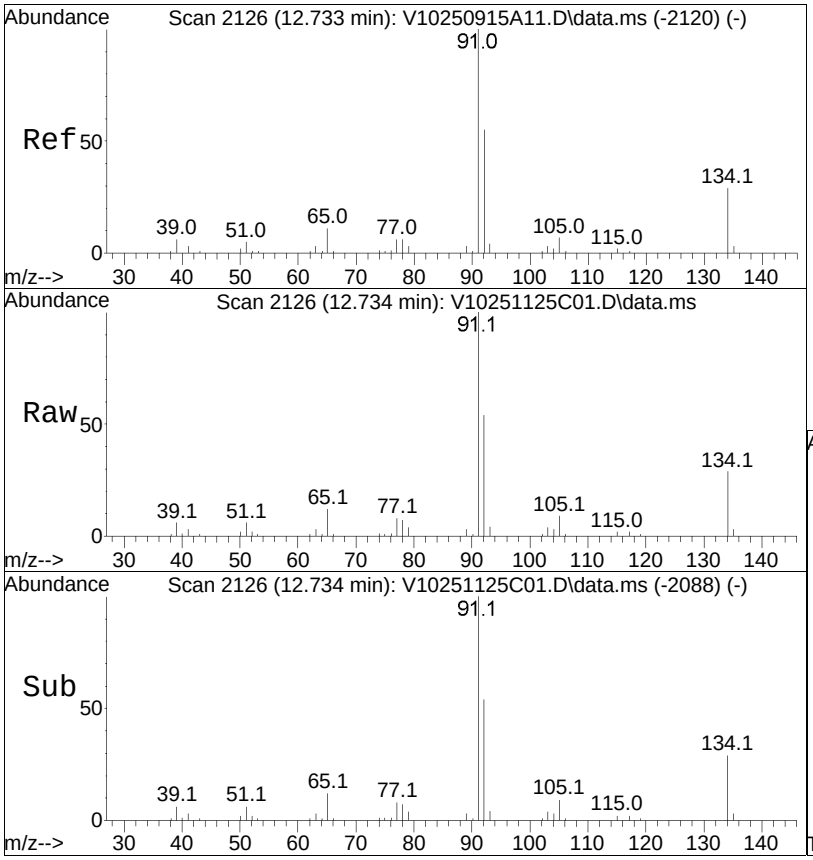


#102
p-Diethylbenzene
Concen: 35.93 ug/L
RT: 12.676 min Scan# 2115
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:119 Resp: 285268

Ion	Ratio	Lower	Upper
119	100		
105	82.8	55.5	115.3
134	46.8	30.4	63.0

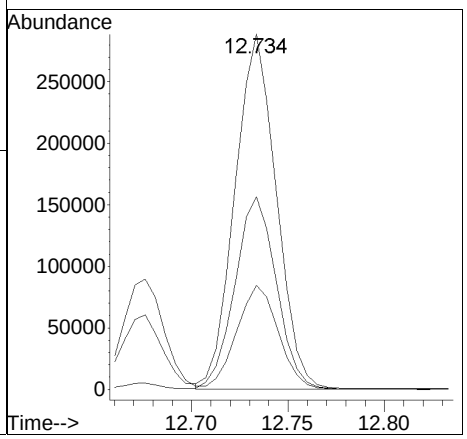


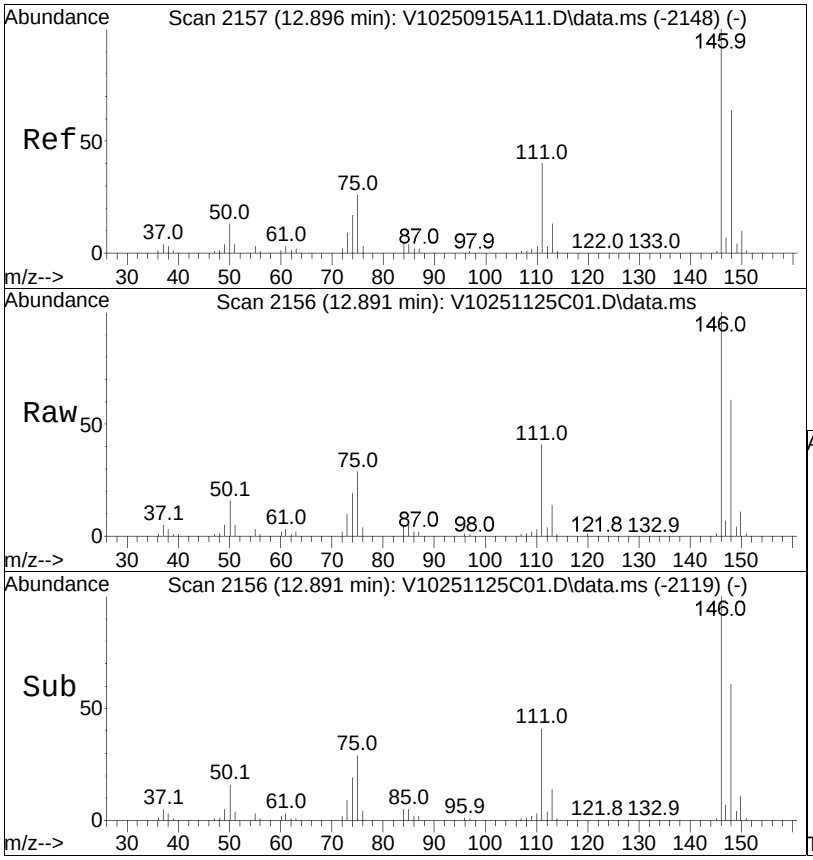


#103
n-Butylbenzene
Concen: 38.77 ug/L
RT: 12.734 min Scan# 2126
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion: 91 Resp: 429561

Ion	Ratio	Lower	Upper
91	100		
92	54.7	43.1	64.7
134	29.6	21.2	31.8

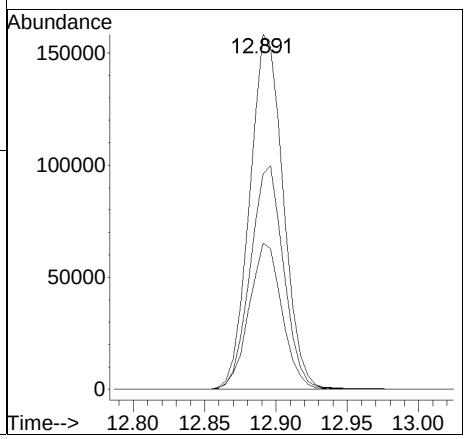


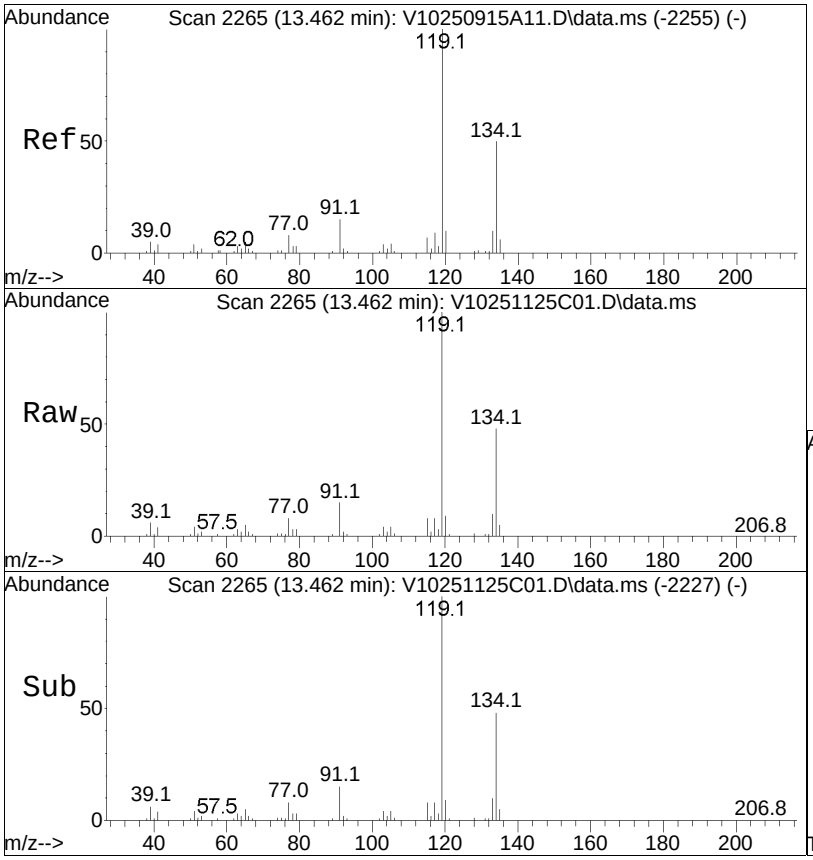


#104
1,2-Dichlorobenzene
Concen: 38.66 ug/L
RT: 12.891 min Scan# 2156
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:146 Resp: 259353

Ion	Ratio	Lower	Upper
146	100		
111	40.6	26.8	55.8
148	62.6	41.3	85.7

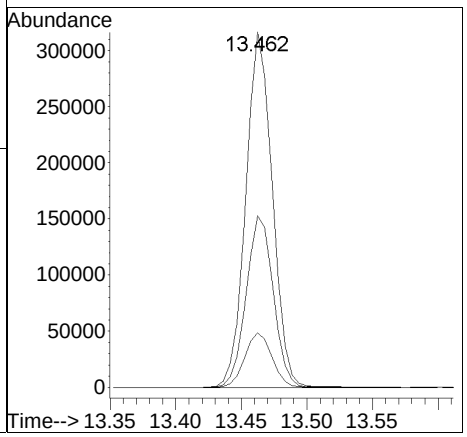


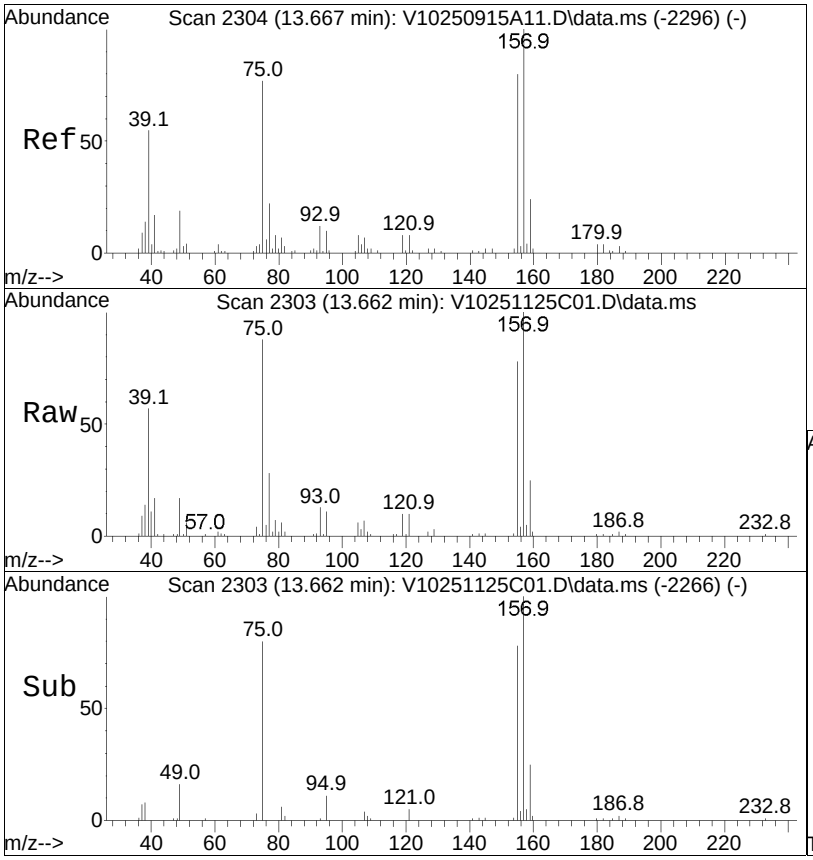


#105
1,2,4,5-Tetramethylbenzene
Concen: 35.26 ug/L
RT: 13.462 min Scan# 2265
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:119 Resp: 446359

Ion	Ratio	Lower	Upper
119	100		
134	49.4	30.0	62.2
91	15.8	10.3	21.3

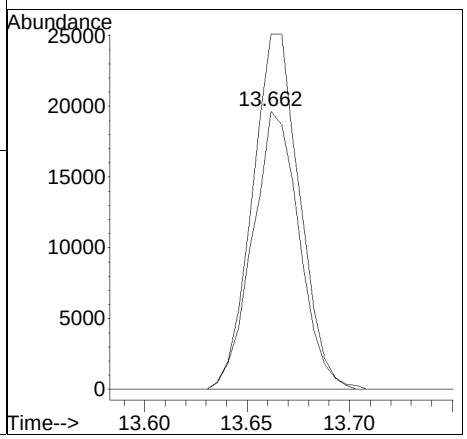


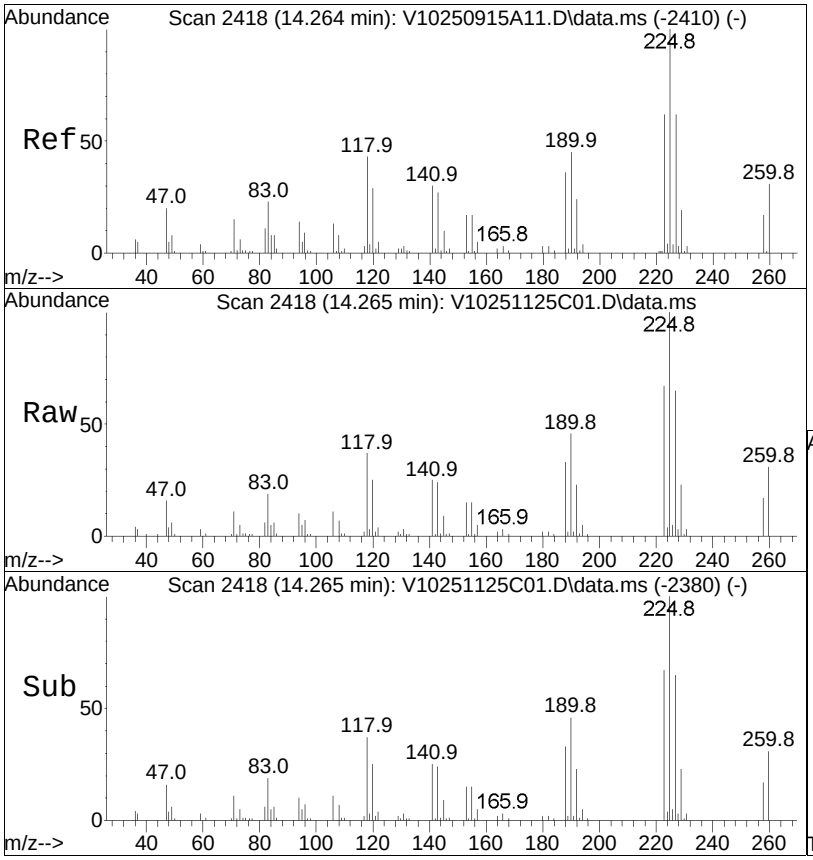


#106
1,2-Dibromo-3-chloropropane
Concen: 42.57 ug/L
RT: 13.662 min Scan# 2303
Delta R.T. -0.005 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:155 Resp: 31225

Ion	Ratio	Lower	Upper
155	100		
157	129.5	98.7	148.1

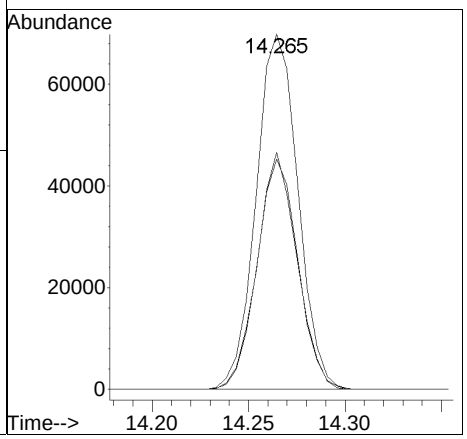


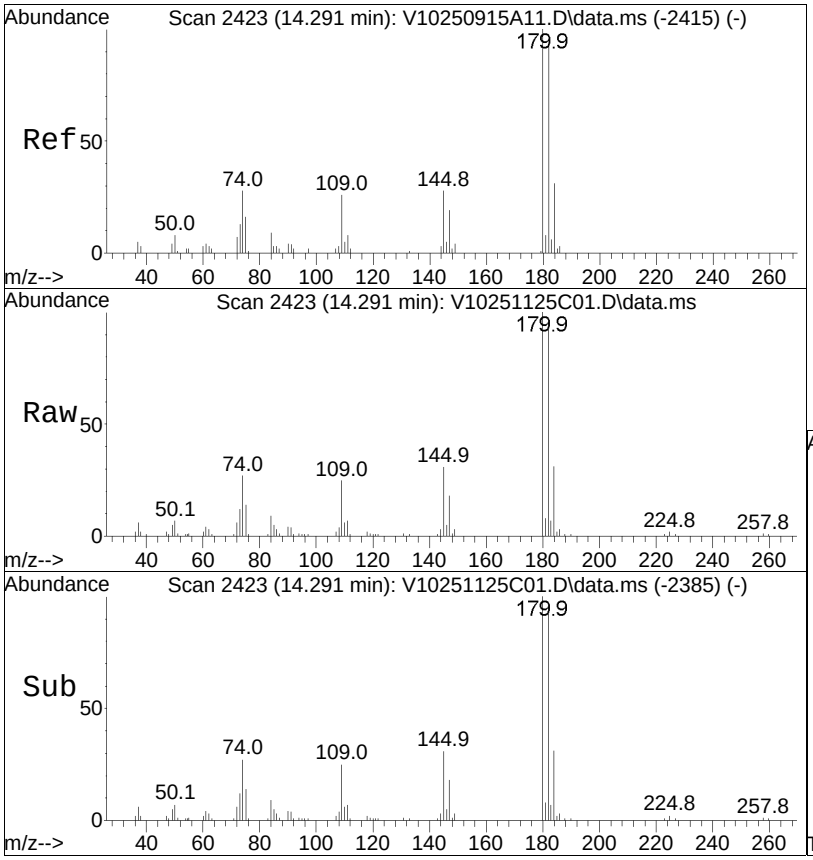


#108
Hexachlorobutadiene
Concen: 45.68 ug/L
RT: 14.265 min Scan# 2418
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:225 Resp: 105509

Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.1	76.7
227	63.4	51.9	77.9

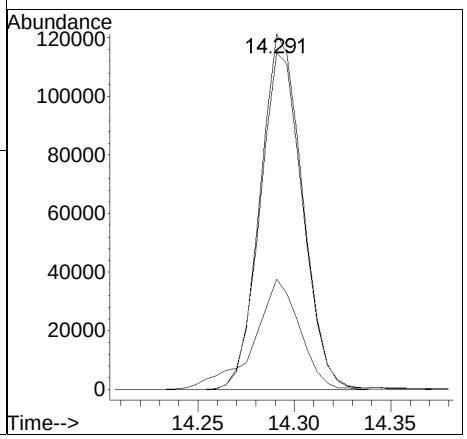


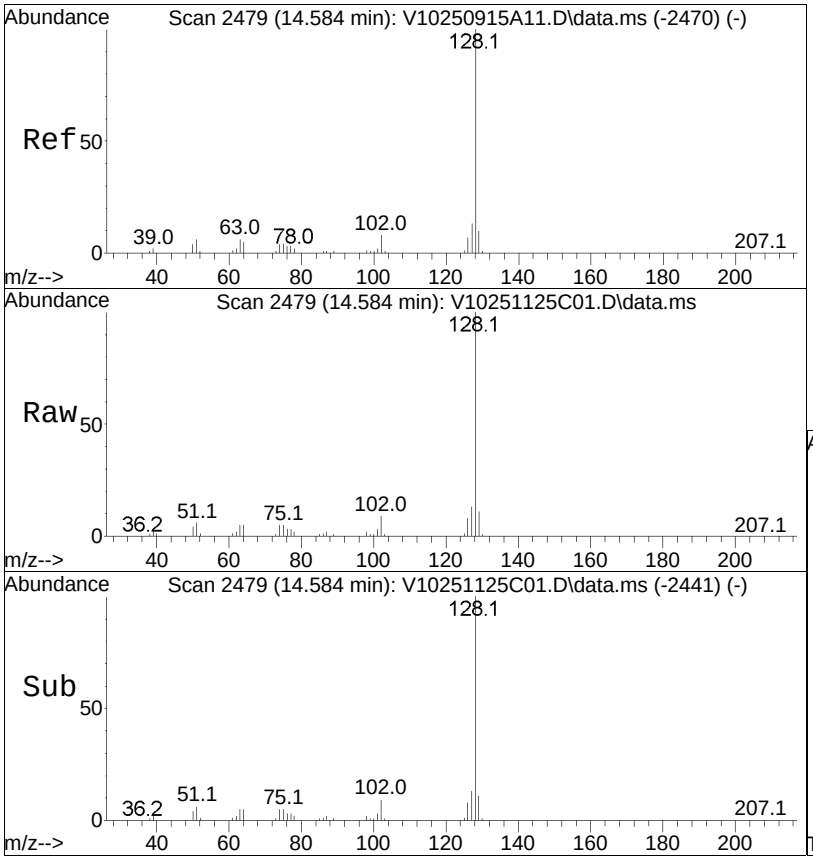


#109
1,2,4-Trichlorobenzene
Concen: 39.59 ug/L
RT: 14.291 min Scan# 2423
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:180 Resp: 184427

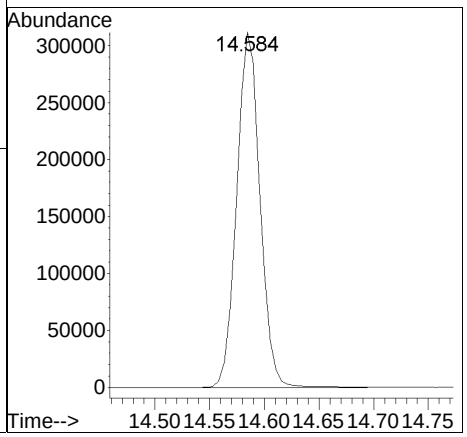
Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.1	115.7
145	33.7	26.6	39.8

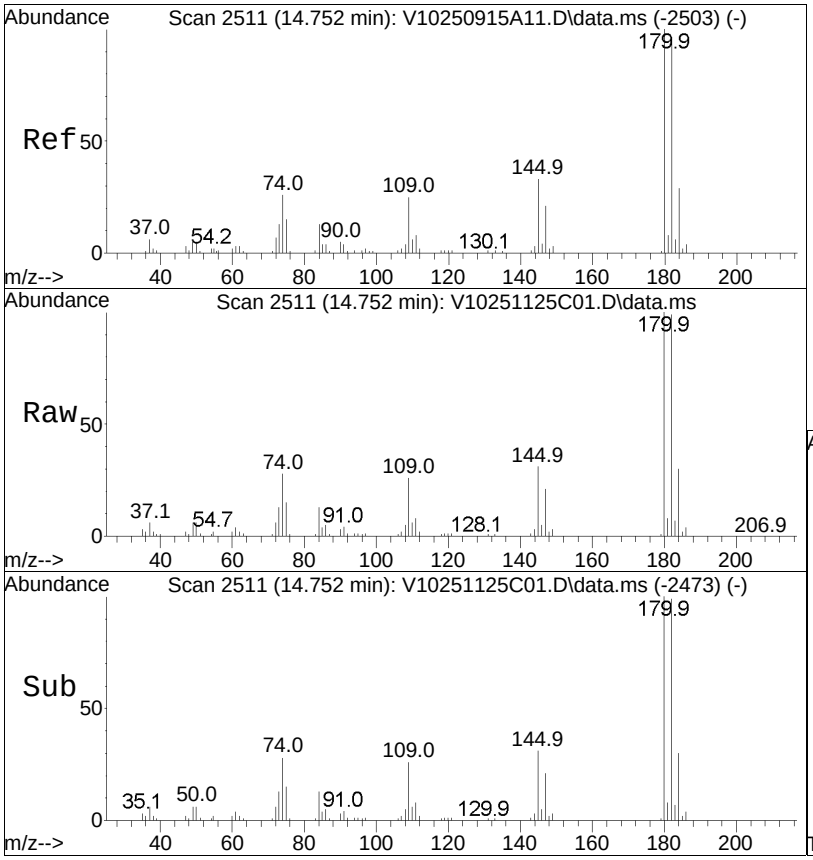




#110
Naphthalene
Concen: 36.61 ug/L
RT: 14.584 min Scan# 2479
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:128 Resp: 461008

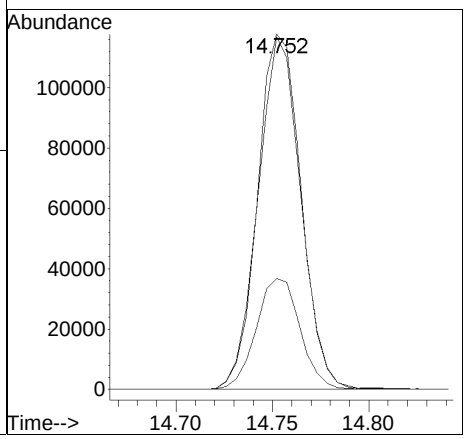




#111
1,2,3-Trichlorobenzene
Concen: 40.90 ug/L
RT: 14.752 min Scan# 2511
Delta R.T. 0.000 min
Lab File: V10251125C01.D
Acq: 25 Nov 2025 2:01 pm

Tgt Ion:180 Resp: 185354

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.3	114.5
145	31.3	28.1	42.1



Manual Integration Report

Data Path	: K:\VOA110\2025\251125C\	QMethod	: V110_250915A_8260.m
Data File	: V10251125C01.D	Operator	: VOA110:AJK
Date Inj'd	: 11/25/2025 2:01 pm	Instrument	: VOA110
Sample	: WG2147004-3,31h,15,15,0.1	Quant Date	: 11/25/2025 2:23 pm

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146922-3,31,5,5
Misc : WG2146922,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.232	96	378260	20.000	ug/L	0.00
Standard Area 1 = 378260			Recovery = 100.00%			
60) Chlorobenzene-d5	9.798	117	324241	20.000	ug/L	0.00
Standard Area 1 = 324241			Recovery = 100.00%			
80) 1,4-Dichlorobenzene-d4	12.461	152	197845	20.000	ug/L	0.00
Standard Area 1 = 197845			Recovery = 100.00%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.415	113	108944	18.945	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.73%			
44) 1,2-Dichloroethane-d4	5.944	65	94843	18.241	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.20%			
61) Toluene-d8	7.942	98	386331	19.714	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.57%			
84) 4-Bromofluorobenzene	11.266	95	143241	18.739	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.786	85	231416M1	40.672	ug/L	
3) Chloromethane	2.022	50	200774	31.836	ug/L	97
4) Vinyl chloride	2.059	62	249373	28.603	ug/L	82
5) Bromomethane	2.384	94	225965M1	26.903	ug/L	
6) Chloroethane	2.510	64	185826	26.658	ug/L	85
7) Trichlorofluoromethane	2.651	101	408475	42.431	ug/L	98
8) Ethyl ether	2.956	74	122401	37.124	ug/L	86
10) 1,1-Dichloroethene	3.155	96	207340	40.476	ug/L #	74
11) Carbon disulfide	3.191	76	716925	39.483	ug/L	99
15) Methylene chloride	3.711	84	235410	37.971	ug/L	96
17) Acetone	3.732	43	75908	26.711	ug/L	91
18) trans-1,2-Dichloroethene	3.868	96	231872	38.391	ug/L	84
20) Methyl tert-butyl ether	3.962	73	640736	39.438	ug/L	97
23) 1,1-Dichloroethane	4.450	63	375397	35.944	ug/L	98
25) Acrylonitrile	4.476	53	60784	38.350	ug/L #	91
27) Vinyl acetate	4.675	43	484270	40.220	ug/L	97
28) cis-1,2-Dichloroethene	4.974	96	255835	38.667	ug/L	85
29) 2,2-Dichloropropane	5.079	77	350179	40.699	ug/L	97
31) Bromochloromethane	5.163	128	133150	40.486	ug/L	91
33) Chloroform	5.236	83	436251	38.762	ug/L	99

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146922-3,31,5,5
Misc : WG2146922,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
35) Carbon tetrachloride	5.394	117	368647	45.325	ug/L		98
38) 1,1,1-Trichloroethane	5.451	97	377434	44.322	ug/L		93
40) 2-Butanone	5.514	43	70714	33.407	ug/L		94
41) 1,1-Dichloropropene	5.572	75	291083	42.590	ug/L		96
42) Benzene	5.818	78	838807	37.913	ug/L		98
45) 1,2-Dichloroethane	6.012	62	273400	38.434	ug/L		98
49) Trichloroethene	6.421	95	243767	39.713	ug/L		91
51) Dibromomethane	6.856	93	151062	39.315	ug/L		89
52) 1,2-Dichloropropane	6.956	63	204354	35.680	ug/L		94
55) Bromodichloromethane	7.029	83	333920	39.267	ug/L		99
58) 1,4-Dioxane	7.234	88	106429	2214.490	ug/L		87
59) cis-1,3-Dichloropropene	7.727	75	366401	38.967	ug/L	#	92
62) Toluene	8.005	92	559356	42.922	ug/L		100
63) 4-Methyl-2-pentanone	8.414	58	63490	40.442	ug/L	#	57
64) Tetrachloroethene	8.461	166	280135	50.155	ug/L		95
66) trans-1,3-Dichloropropene	8.471	75	342222	43.823	ug/L		98
69) 1,1,2-Trichloroethane	8.660	83	164498	41.739	ug/L		97
70) Chlorodibromomethane	8.880	129	288938	47.796	ug/L		99
71) 1,3-Dichloropropane	8.985	76	320005	42.298	ug/L		99
72) 1,2-Dibromoethane	9.158	107	220027	47.170	ug/L		99
73) 2-Hexanone	9.431	43	117409	39.051	ug/L	#	82
74) Chlorobenzene	9.819	112	683066	43.643	ug/L		93
75) Ethylbenzene	9.861	91	1115995	43.544	ug/L		98
76) 1,1,1,2-Tetrachloroethane	9.903	131	267607	48.112	ug/L		99
77) p/m Xylene	10.049	106	900883	87.641	ug/L		95
78) o Xylene	10.574	106	886946	86.936	ug/L		95
79) Styrene	10.637	104	1497867	85.419	ug/L		95
81) Bromoform	10.658	173	213386	45.672	ug/L		99
83) Isopropylbenzene	10.951	105	1188063	43.283	ug/L		97
85) Bromobenzene	11.376	156	312263	44.305	ug/L		99
86) n-Propylbenzene	11.423	91	1343905	40.580	ug/L		96
88) 1,1,2,2-Tetrachloroethane	11.491	83	275867	40.766	ug/L		97
89) 4-Ethyltoluene	11.549	105	1135811	42.035	ug/L		97
90) 2-Chlorotoluene	11.586	91	778311M6	41.359	ug/L		
91) 1,3,5-Trimethylbenzene	11.643	105	983681	42.221	ug/L		96
92) 1,2,3-Trichloropropane	11.633	75	210654	39.516	ug/L		91
93) trans-1,4-Dichloro-2-b...	11.680	53	72911	41.217	ug/L	#	85
94) 4-Chlorotoluene	11.764	91	818746	42.095	ug/L		94
95) tert-Butylbenzene	11.984	119	900230	43.695	ug/L		93

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146922-3,31,5,5
Misc : WG2146922,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
98)	1,2,4-Trimethylbenzene	12.057	105	990194	43.205	ug/L	98
99)	sec-Butylbenzene	12.173	105	1318783	43.469	ug/L	98
100)	p-Isopropyltoluene	12.325	119	1188648	44.312	ug/L	98
101)	1,3-Dichlorobenzene	12.388	146	641473	45.744	ug/L	98
102)	1,4-Dichlorobenzene	12.477	146	648991	45.773	ug/L	97
103)	p-Diethylbenzene	12.697	119	712843	44.271	ug/L	96
104)	n-Butylbenzene	12.750	91	1058008	45.020	ug/L	98
105)	1,2-Dichlorobenzene	12.896	146	608149	46.545	ug/L	97
106)	1,2,4,5-Tetramethylben...	13.484	119	1093708	45.212	ug/L	99
107)	1,2-Dibromo-3-chloropr...	13.667	155	56940	46.902	ug/L	91
109)	Hexachlorobutadiene	14.291	225	215606	50.878	ug/L	98
110)	1,2,4-Trichlorobenzene	14.307	180	432307	49.266	ug/L	99
111)	Naphthalene	14.595	128	949086	46.070	ug/L	100
112)	1,2,3-Trichlorobenzene	14.768	180	396907	50.195	ug/L	99

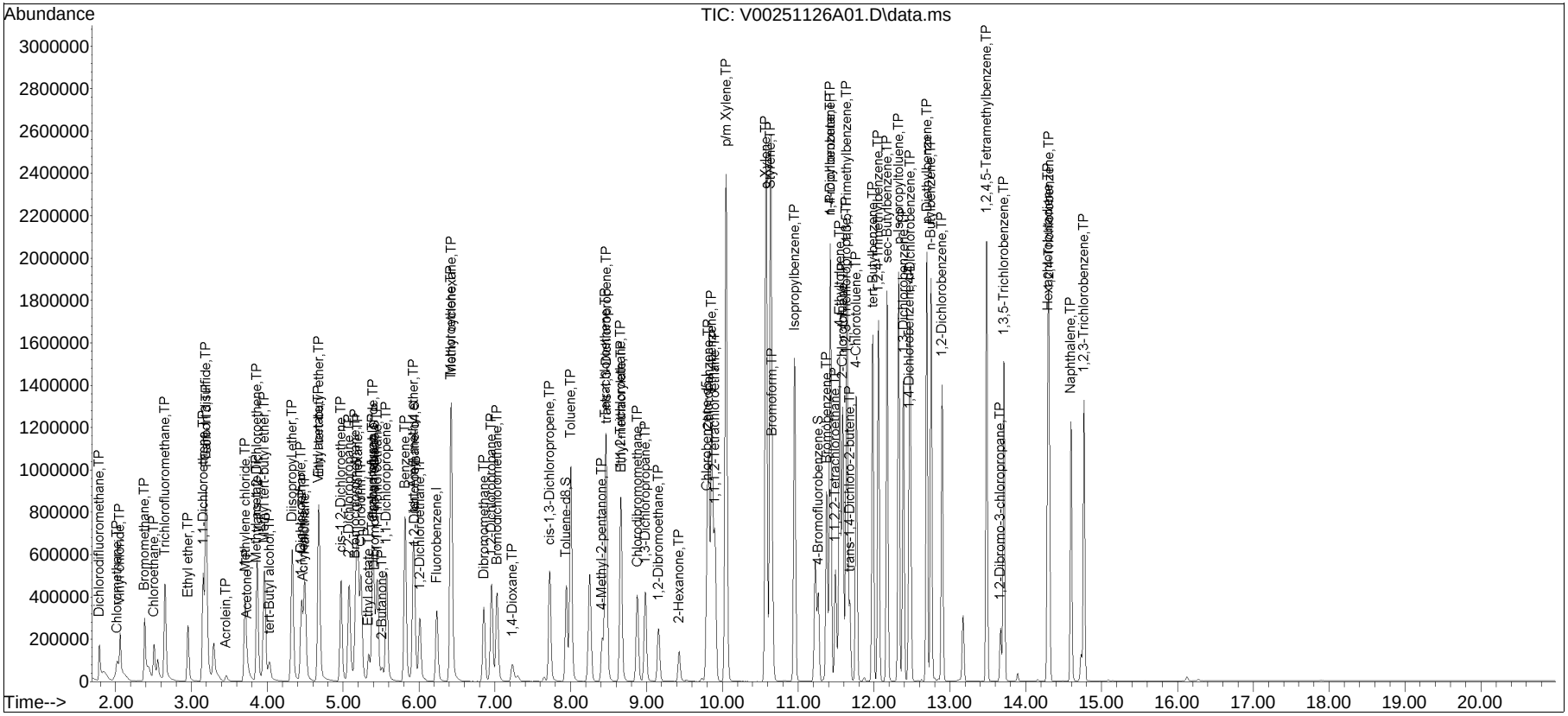
(#) = qualifier out of range (m) = manual integration (+) = signals summed

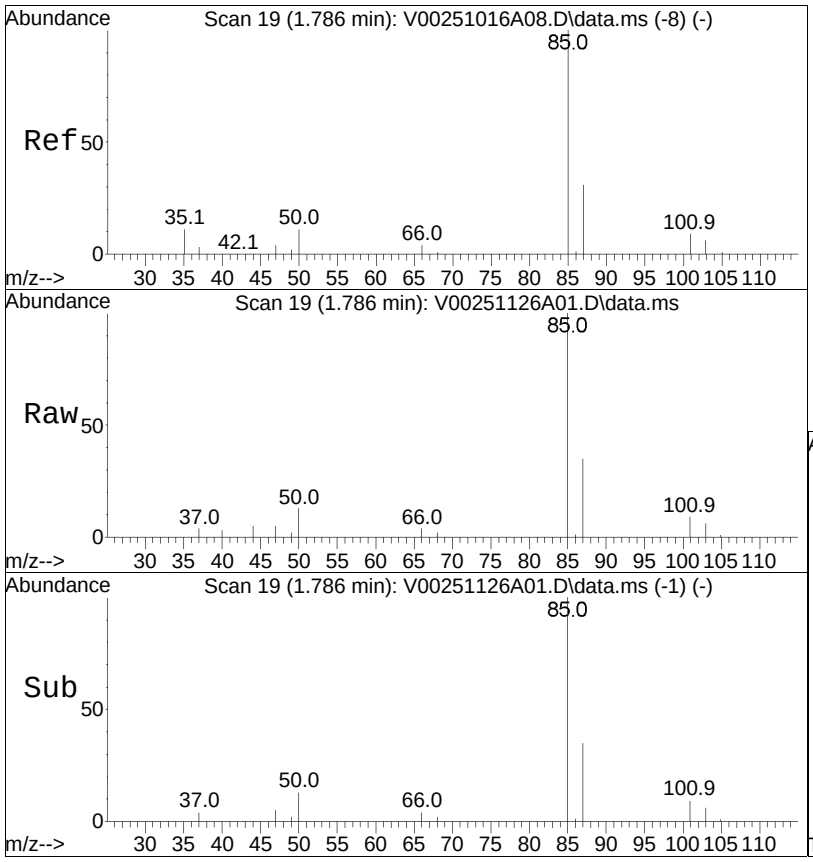
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146922-3,31,5,5
Misc : WG2146922,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

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

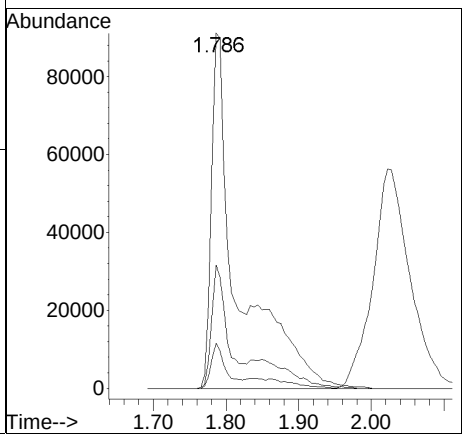


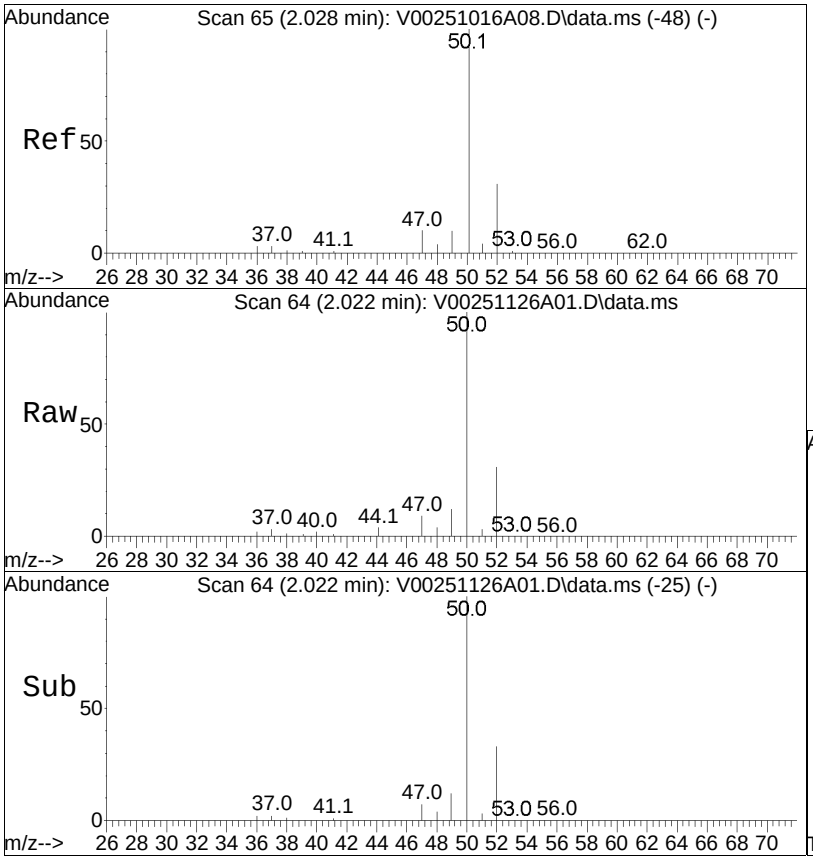


#2
Dichlorodifluoromethane
Concen: 40.67 ug/L M1
RT: 1.786 min Scan# 19
Delta R.T. -0.001 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 85 Resp: 231416

Ion	Ratio	Lower	Upper
85	100		
87	21.1	14.6	30.2
50	7.1	6.1	12.7

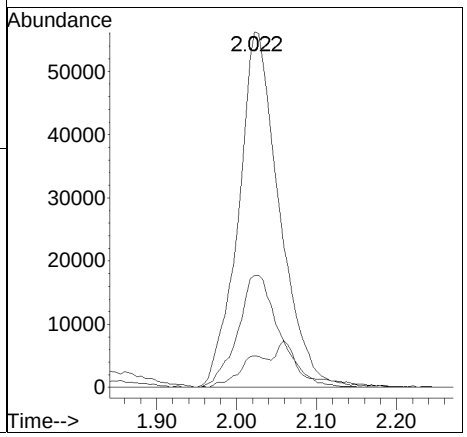


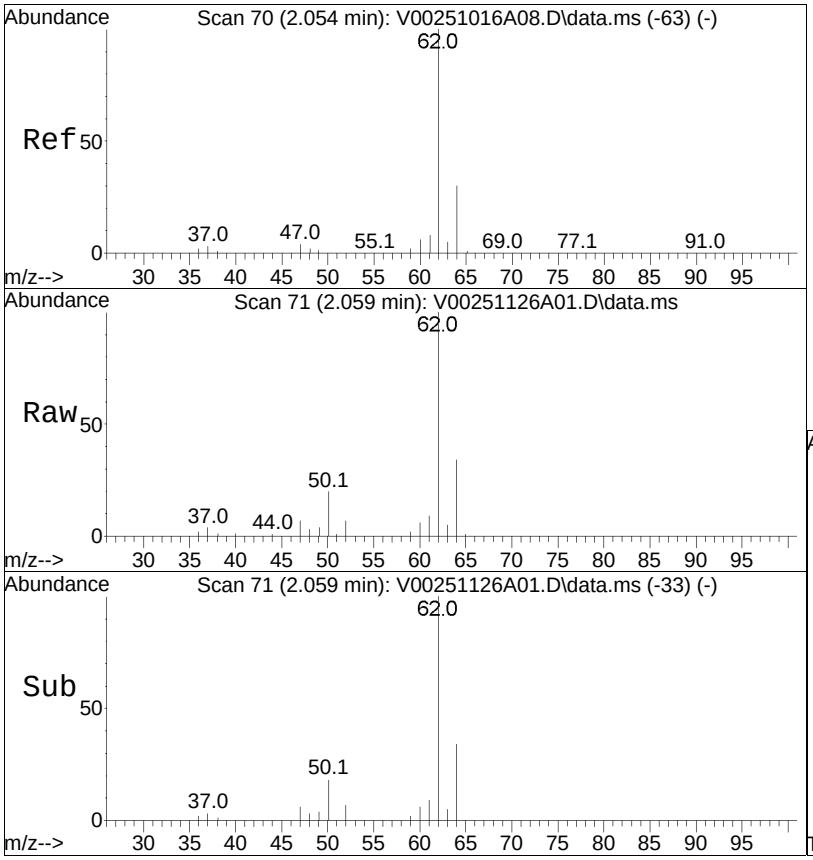


#3
Chloromethane
Concen: 31.84 ug/L
RT: 2.022 min Scan# 64
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 50 Resp: 200774

Ion	Ratio	Lower	Upper
50	100		
52	32.3	14.2	54.2
47	6.8	0.0	28.0

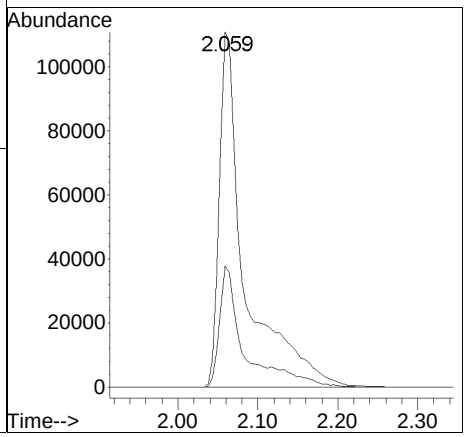


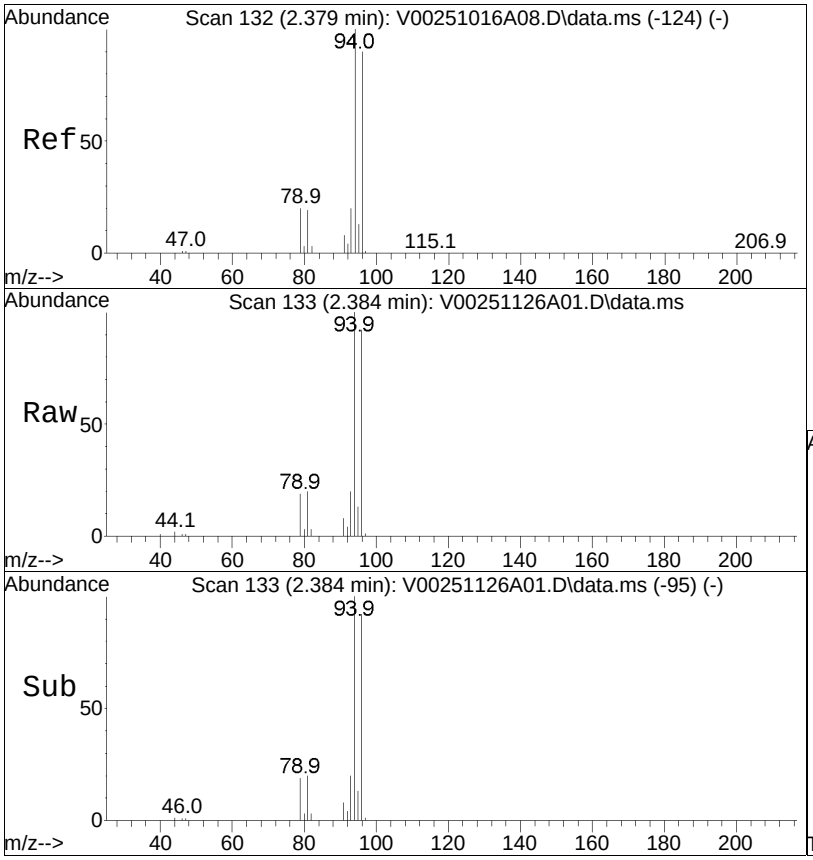


#4
Vinyl chloride
Concen: 28.60 ug/L
RT: 2.059 min Scan# 71
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 62 Resp: 249373

Ion	Ratio	Lower	Upper
62	100		
64	33.3	4.4	44.4

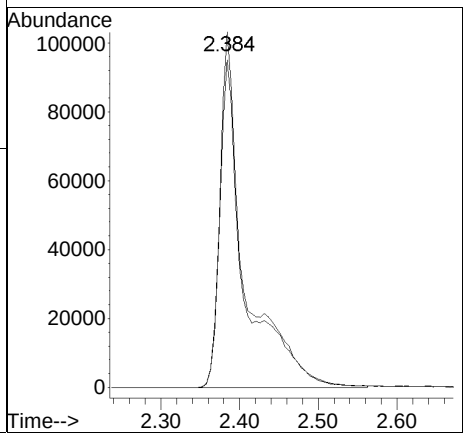


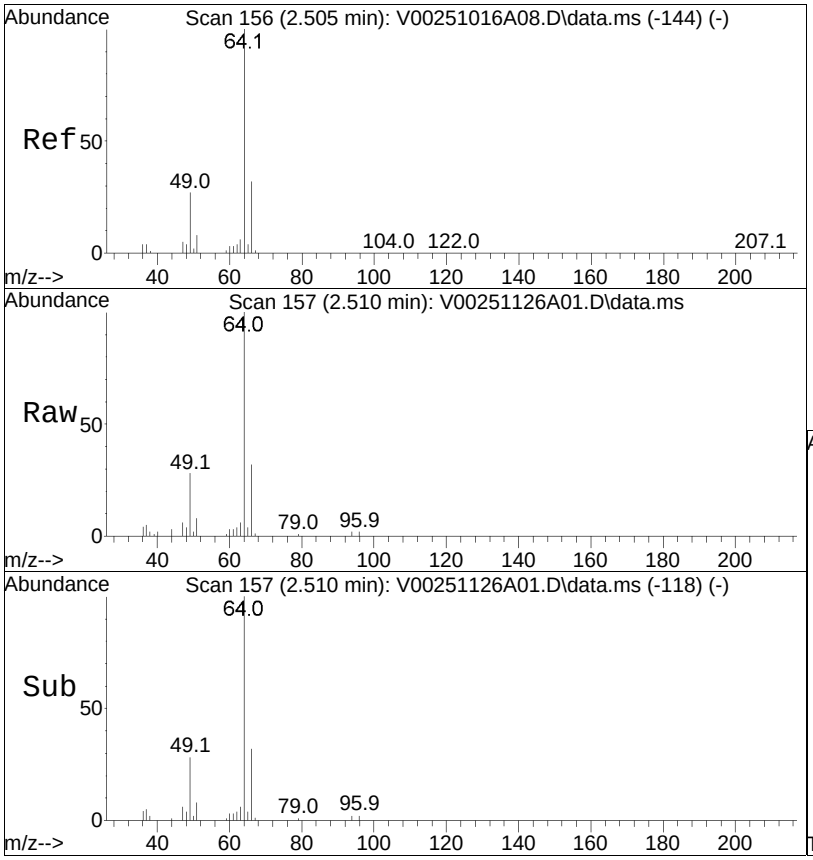


#5
Bromomethane
Concen: 26.90 ug/L M1
RT: 2.384 min Scan# 133
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 94 Resp: 225965

Ion	Ratio	Lower	Upper
94	100		
96	92.6	72.4	112.4

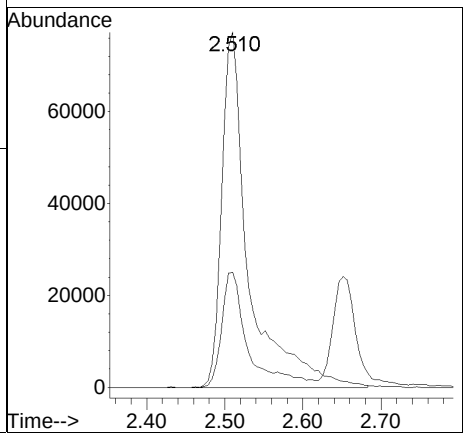


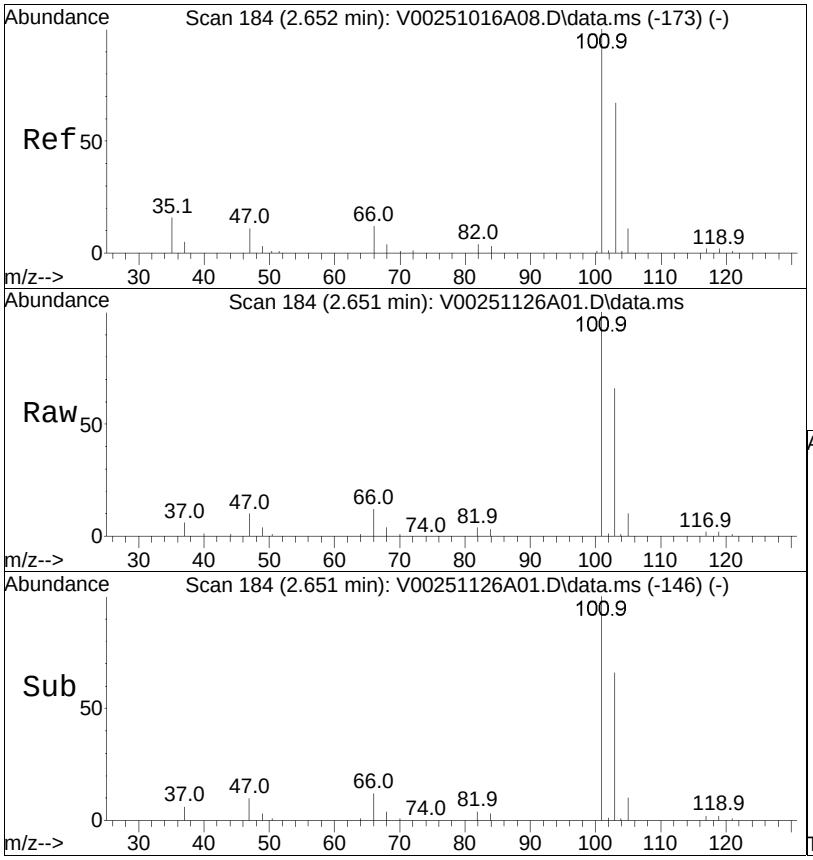


#6
Chloroethane
Concen: 26.66 ug/L
RT: 2.510 min Scan# 157
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 64 Resp: 185826

Ion	Ratio	Lower	Upper
64	100		
66	32.1	4.8	44.8

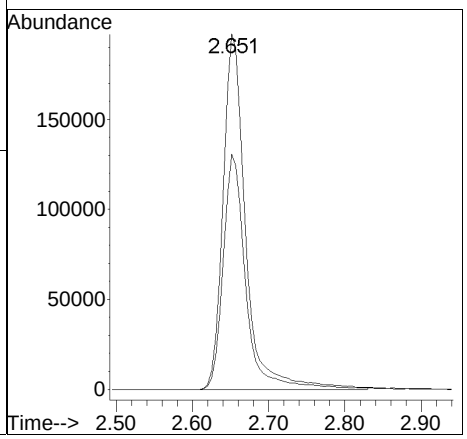


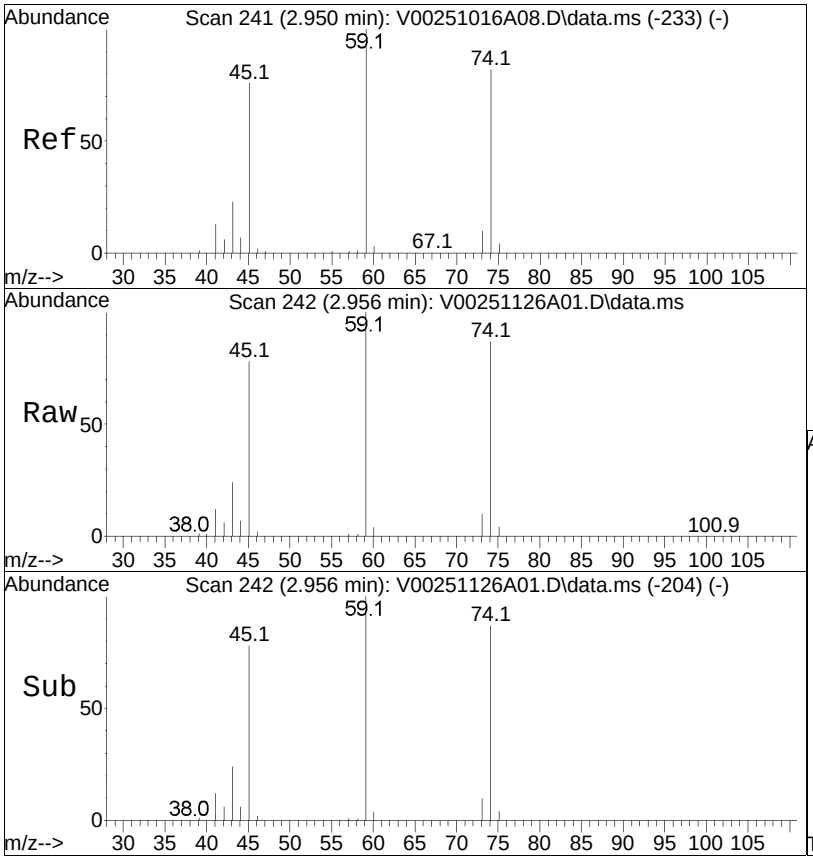


#7
Trichlorofluoromethane
Concen: 42.43 ug/L
RT: 2.651 min Scan# 184
Delta R.T. -0.001 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:101 Resp: 408475

Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.5	77.3

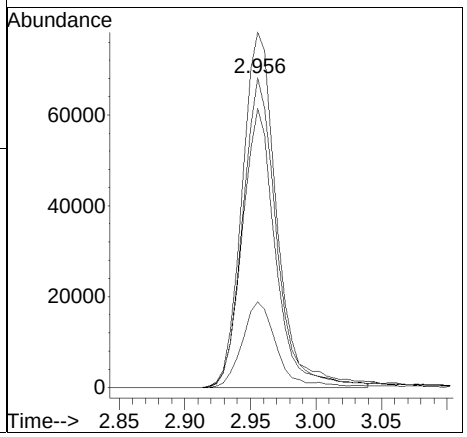


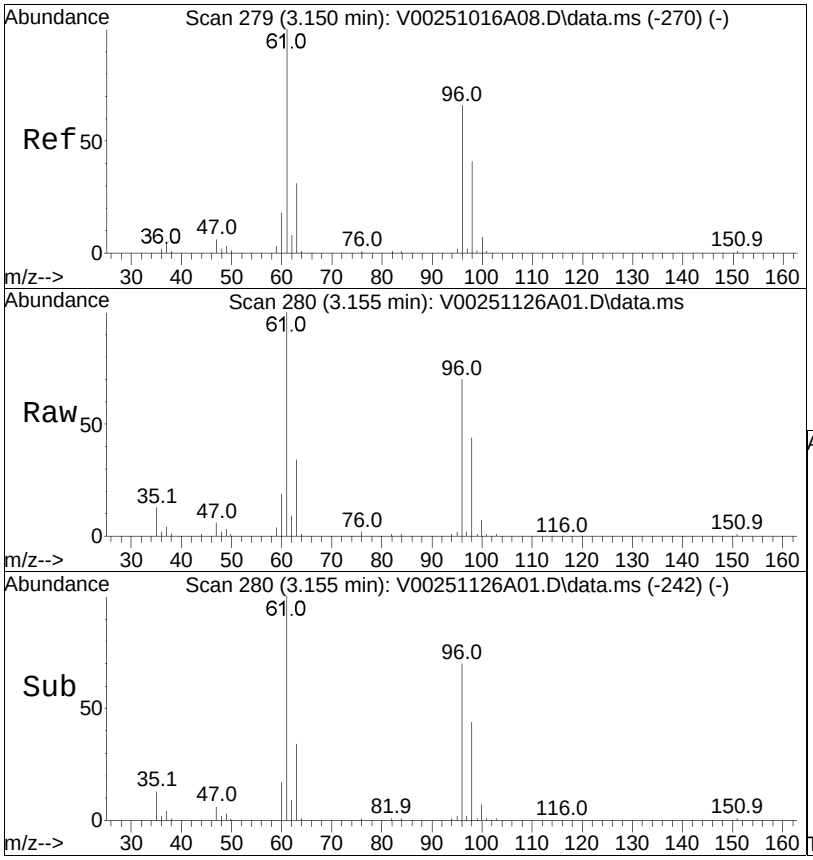


#8
Ethyl ether
Concen: 37.12 ug/L
RT: 2.956 min Scan# 242
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 74 Resp: 122401

Ion	Ratio	Lower	Upper
74	100		
59	120.8	97.0	201.4
45	90.2	57.3	118.9
43	28.0	18.7	38.9

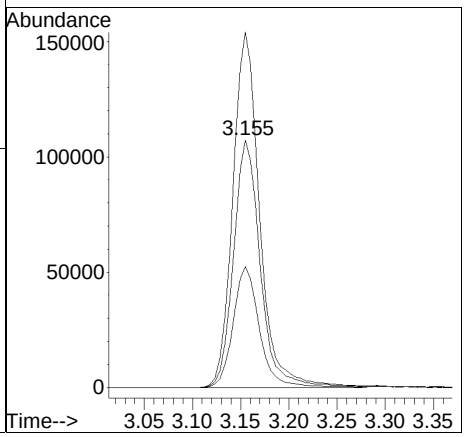


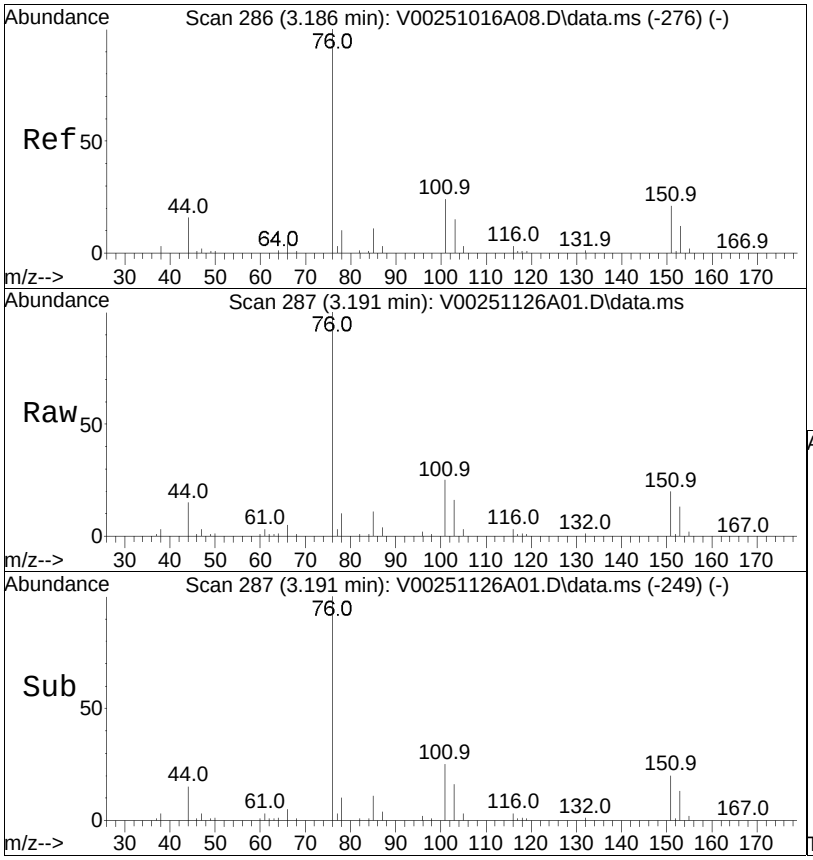


#10
1,1-Dichloroethene
Concen: 40.48 ug/L
RT: 3.155 min Scan# 280
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 96 Resp: 207340

Ion	Ratio	Lower	Upper
96	100		
61	144.5	149.4	224.2#
63	47.9	47.0	70.6

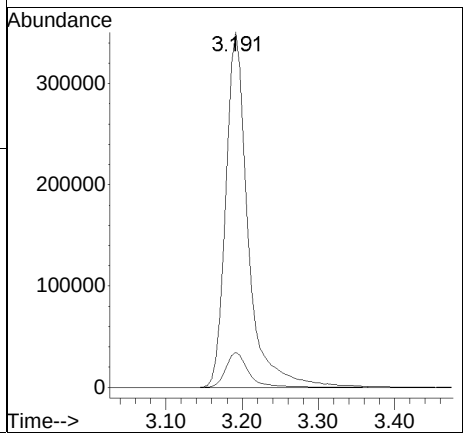


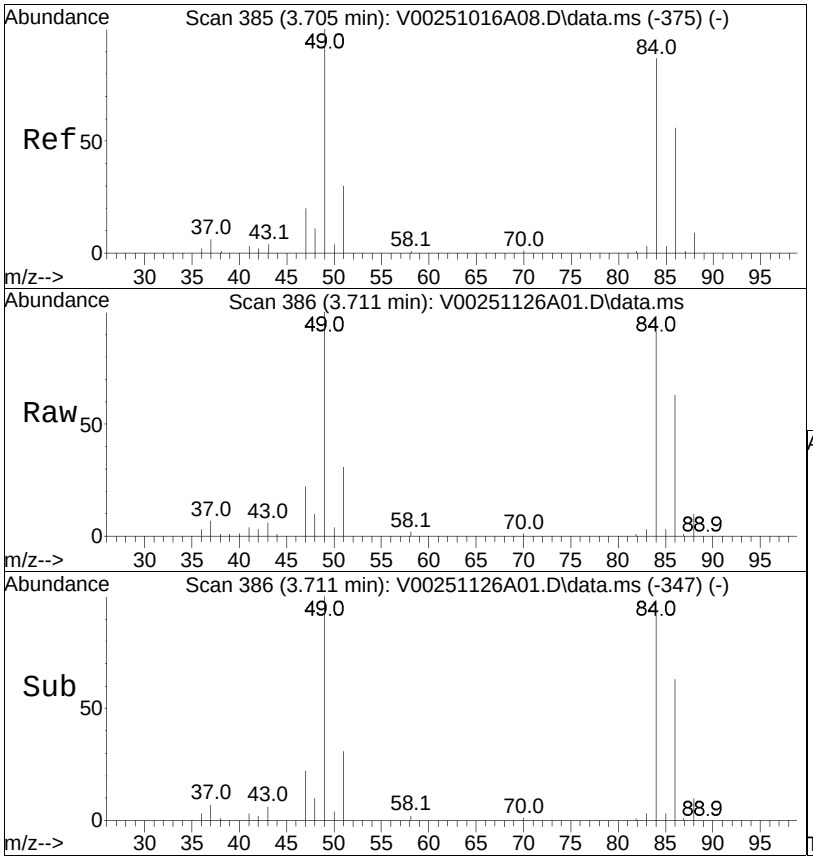


#11
Carbon disulfide
Concen: 39.48 ug/L
RT: 3.191 min Scan# 287
Delta R.T. -0.001 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 76 Resp: 716925

Ion	Ratio	Lower	Upper
76	100		
78	10.1	6.4	13.4

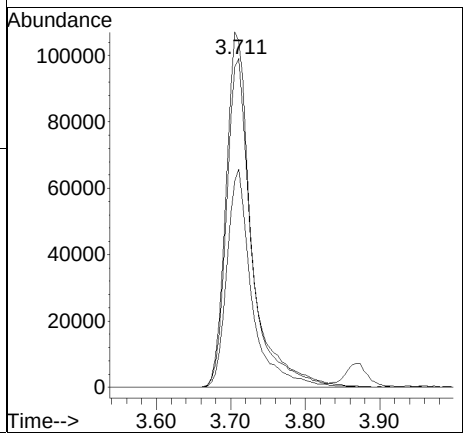


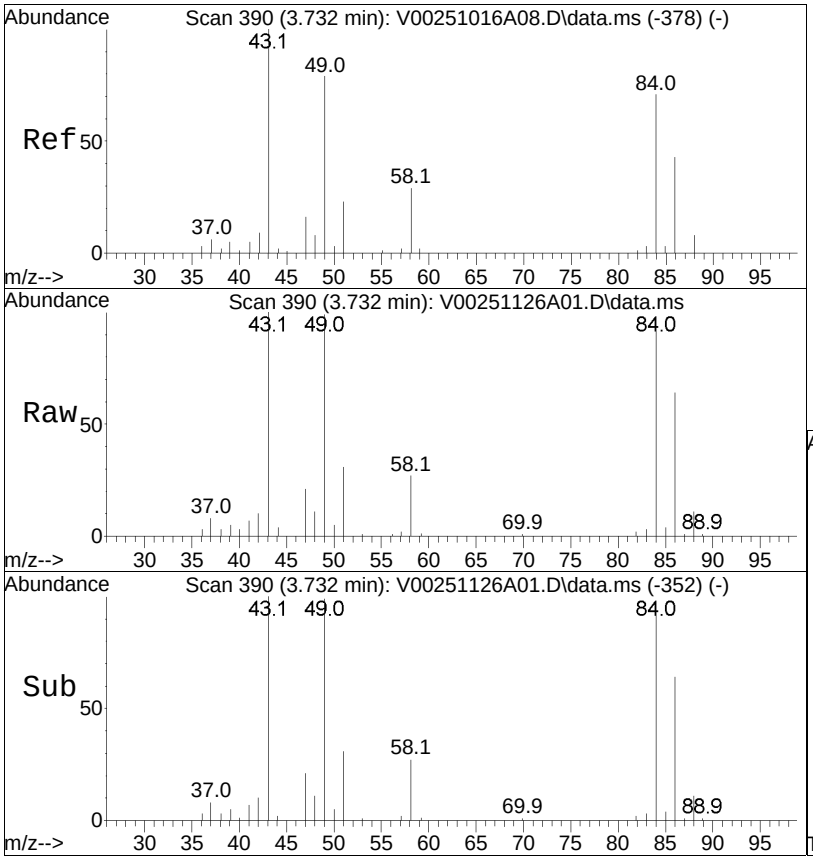


#15
Methylene chloride
Concen: 37.97 ug/L
RT: 3.711 min Scan# 386
Delta R.T. 0.006 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 84 Resp: 235410

Ion	Ratio	Lower	Upper
84	100		
86	65.7	39.6	82.2
49	109.0	72.7	150.9

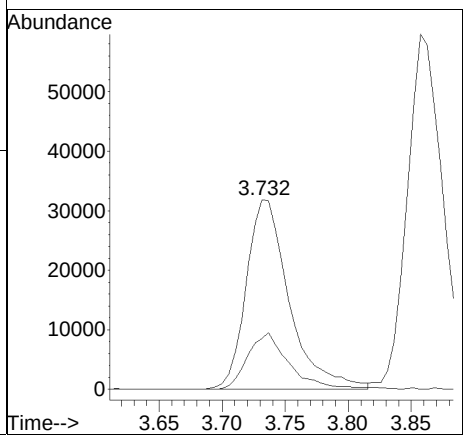


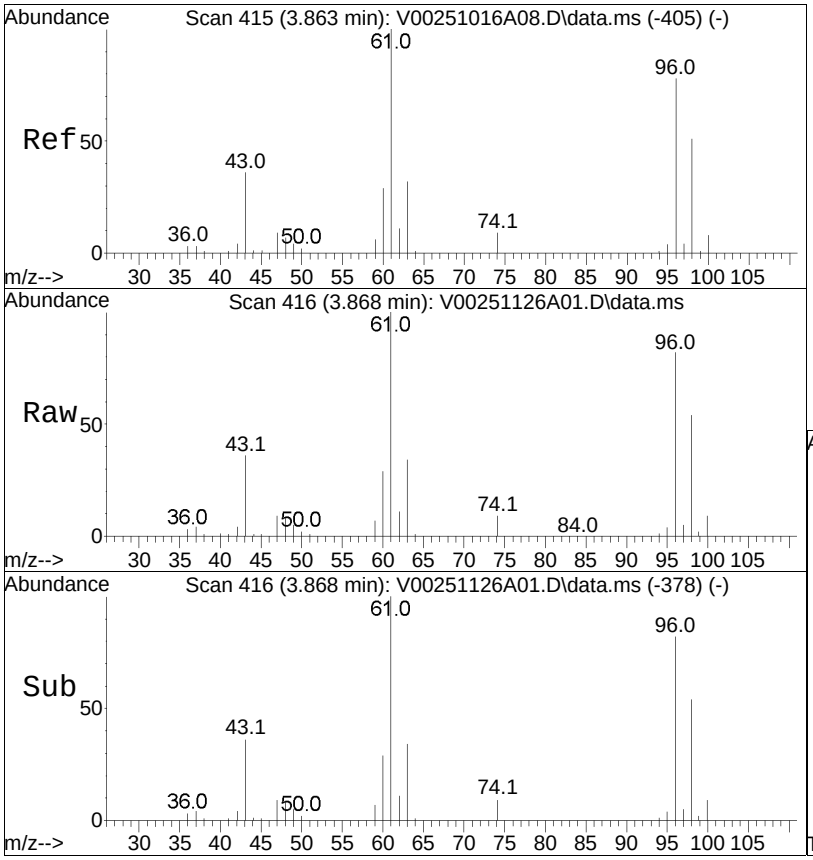


#17
Acetone
Concen: 26.71 ug/L
RT: 3.732 min Scan# 390
Delta R.T. -0.001 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 43 Resp: 75908

Ion	Ratio	Lower	Upper
43	100		
58	29.1	27.2	40.8

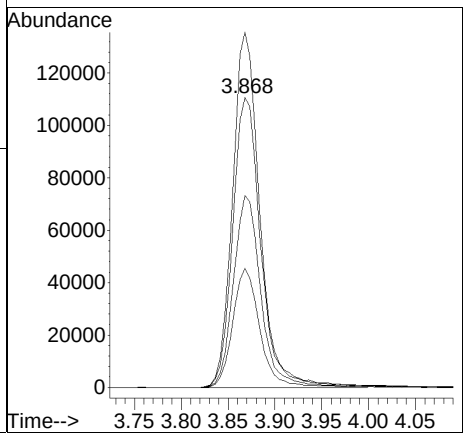


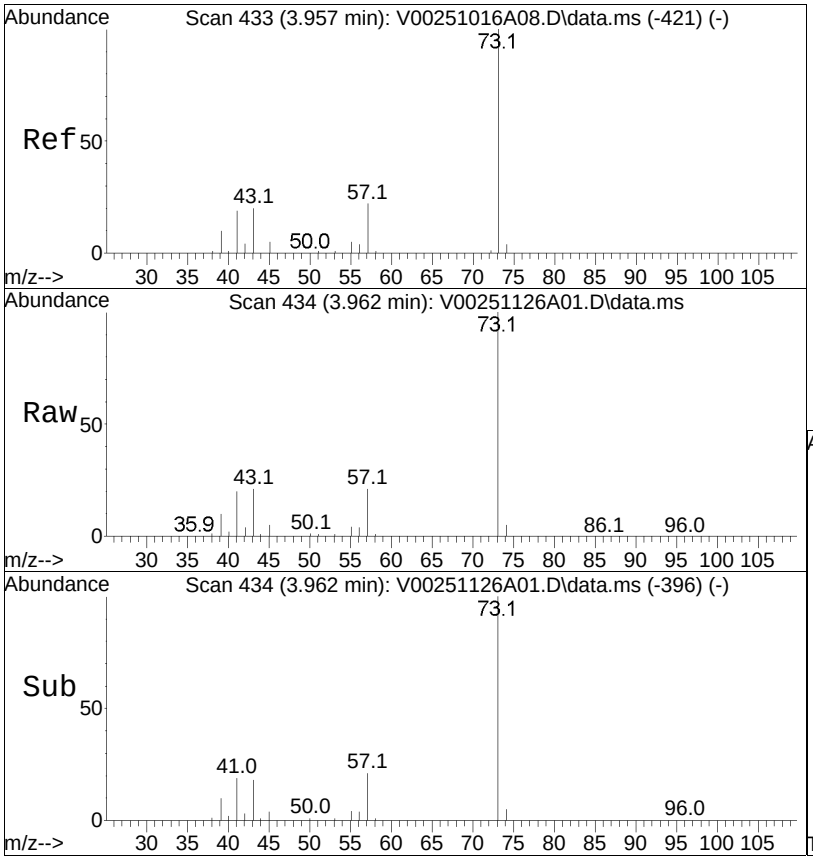


#18
trans-1,2-Dichloroethene
Concen: 38.39 ug/L
RT: 3.868 min Scan# 416
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 96 Resp: 231872

Ion	Ratio	Lower	Upper
96	100		
61	119.3	96.5	200.5
98	65.0	40.6	84.2
63	39.4	30.2	62.8

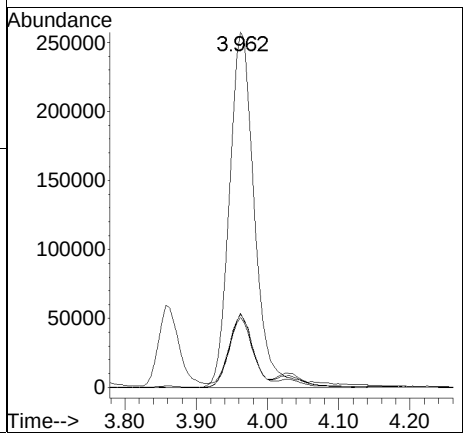


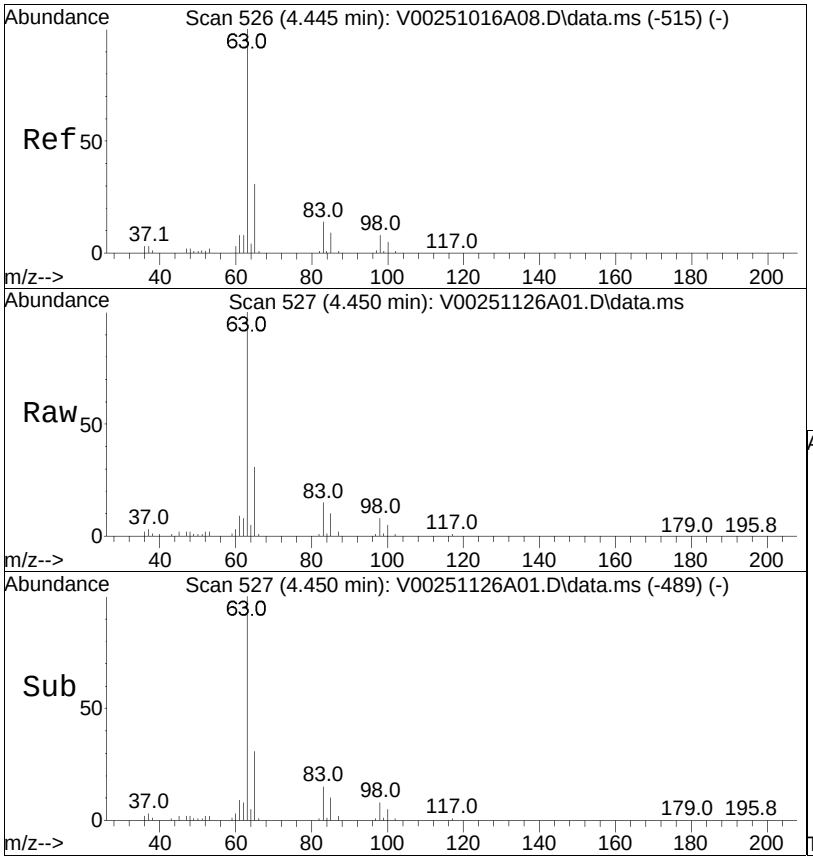


#20
Methyl tert-butyl ether
Concen: 39.44 ug/L
RT: 3.962 min Scan# 434
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 73 Resp: 640736

Ion	Ratio	Lower	Upper
73	100		
57	19.2	14.7	30.5
43	18.8	12.5	26.1
41	18.4	11.6	24.0

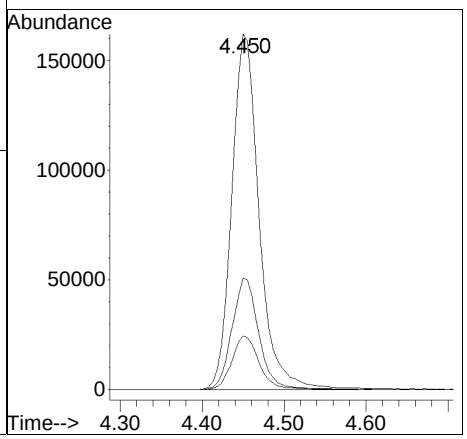


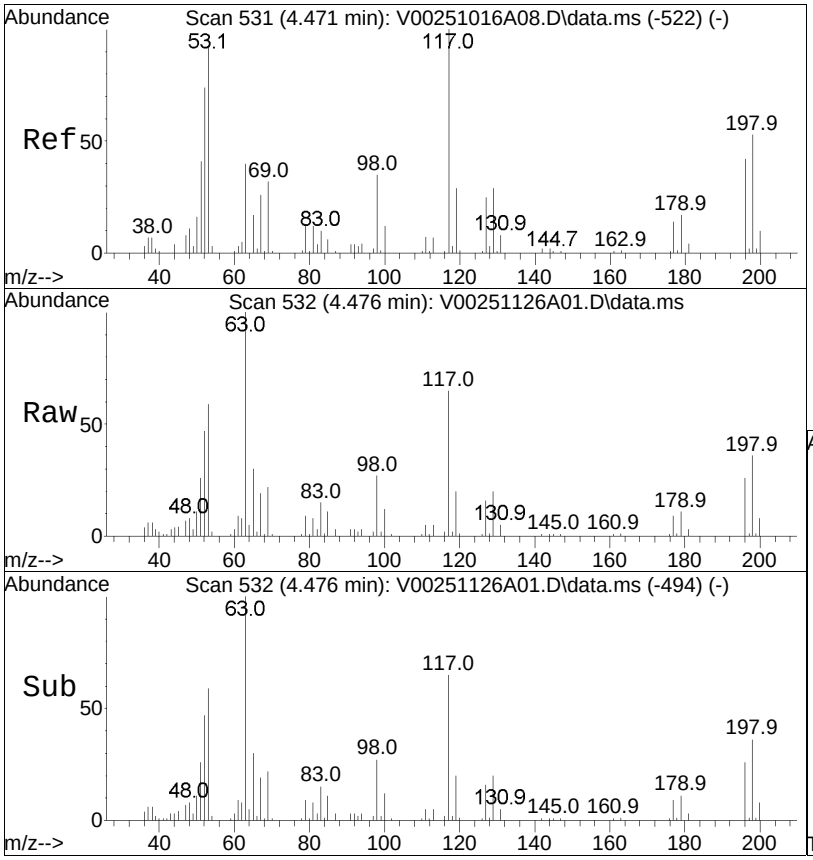


#23
1,1-Dichloroethane
Concen: 35.94 ug/L
RT: 4.450 min Scan# 527
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 63 Resp: 375397

Ion	Ratio	Lower	Upper
63	100		
65	30.4	10.4	50.4
83	14.9	0.0	32.6

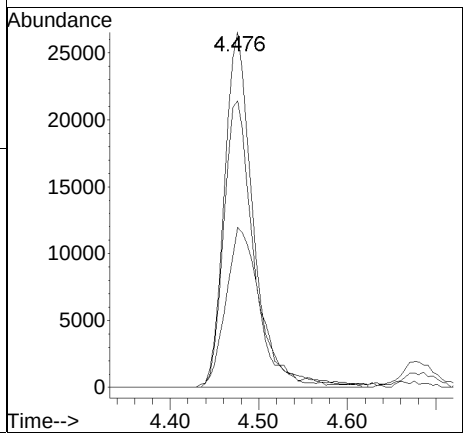


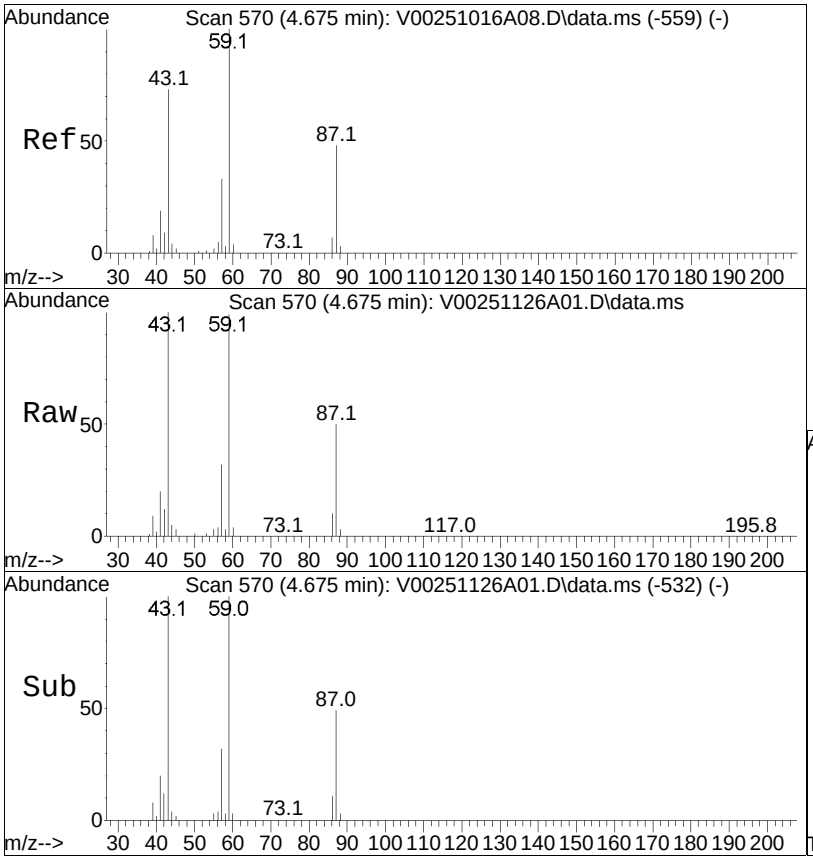


#25
Acrylonitrile
Concen: 38.35 ug/L
RT: 4.476 min Scan# 532
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 53 Resp: 60784

Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.8	98.6
51	54.3	55.1	82.7#

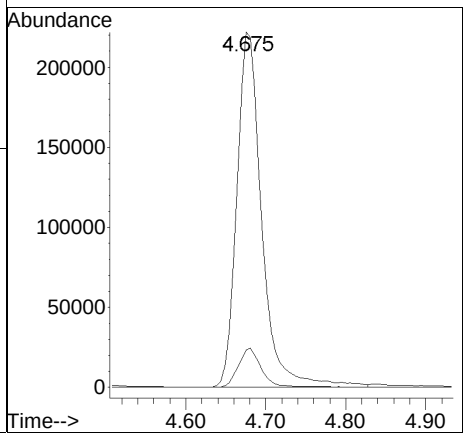


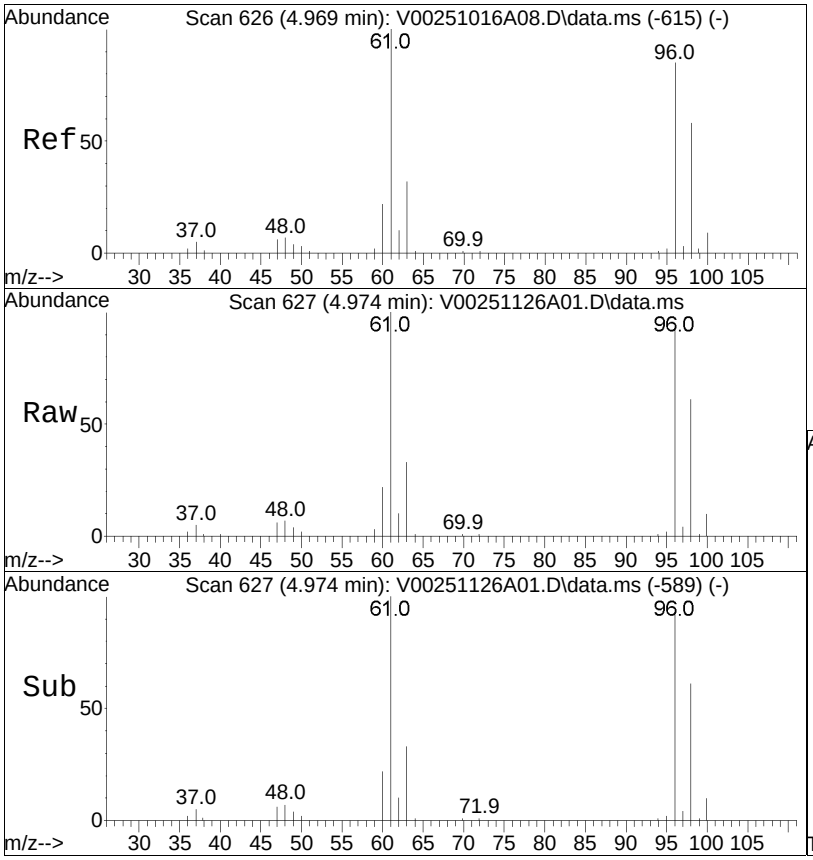


#27
Vinyl acetate
Concen: 40.22 ug/L
RT: 4.675 min Scan# 570
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 43 Resp: 484270

Ion	Ratio	Lower	Upper
43	100		
86	10.1	9.0	13.4

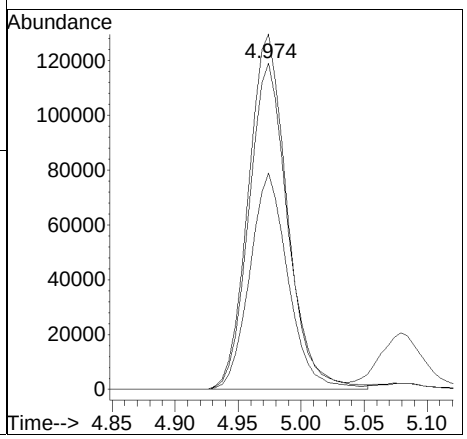


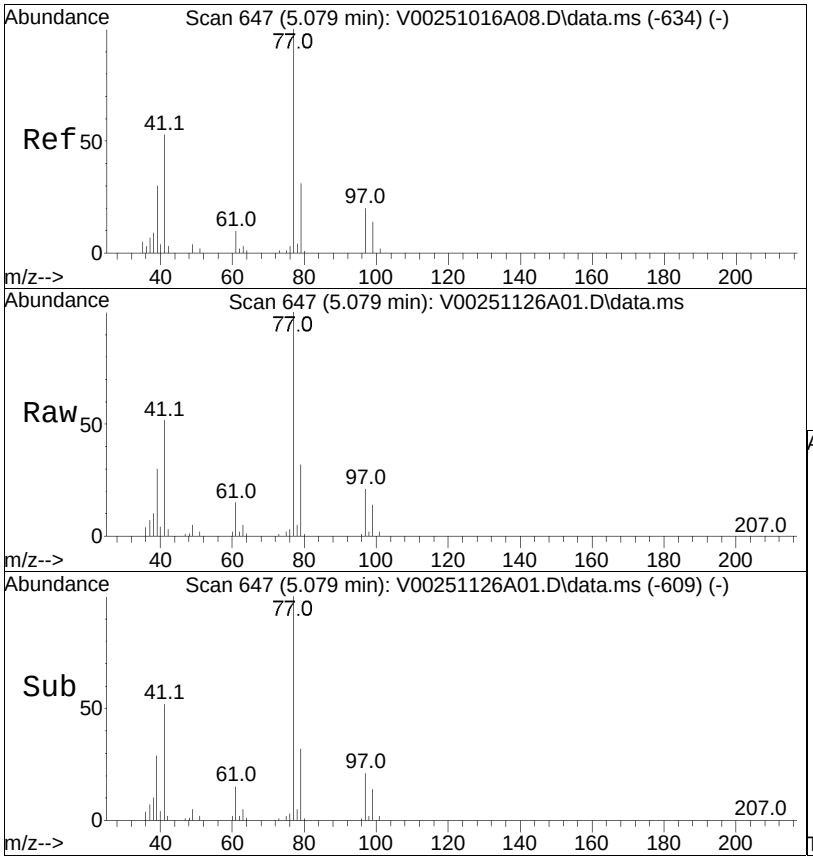


#28
cis-1,2-Dichloroethene
Concen: 38.67 ug/L
RT: 4.974 min Scan# 627
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 96 Resp: 255835

Ion	Ratio	Lower	Upper
96	100		
61	108.7	107.8	161.8
98	65.4	51.4	77.0

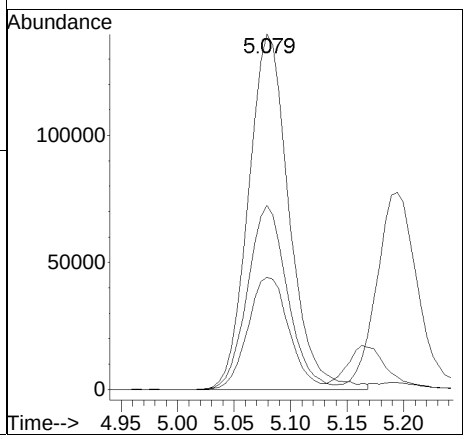


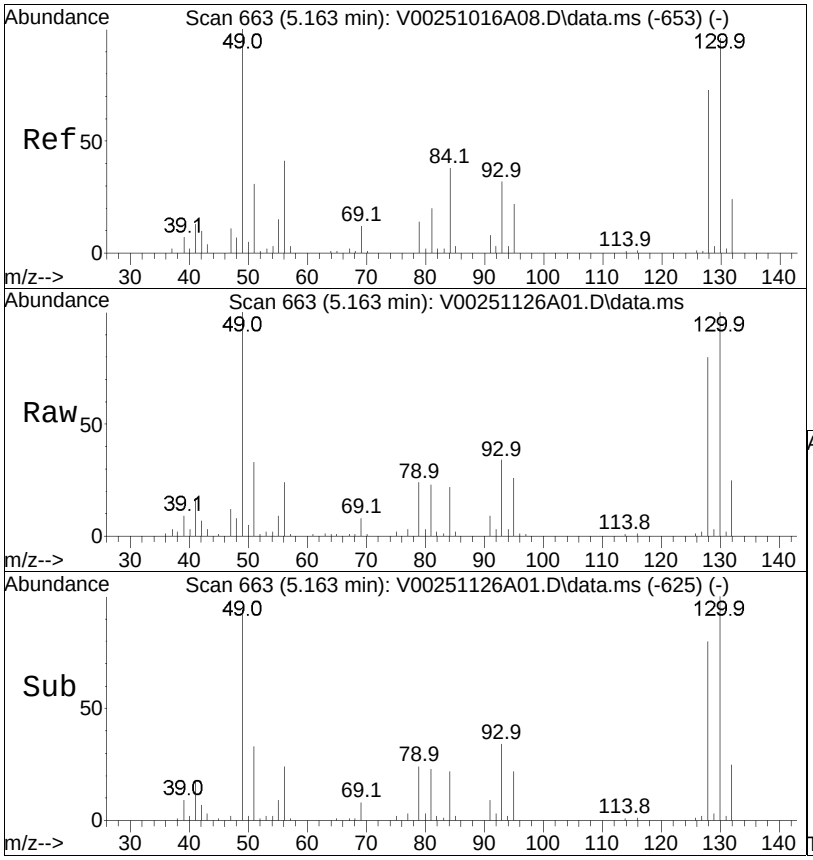


#29
2,2-Dichloropropane
Concen: 40.70 ug/L
RT: 5.079 min Scan# 647
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 77 Resp: 350179

Ion	Ratio	Lower	Upper
77	100		
41	50.7	31.3	64.9
79	32.0	21.1	43.9

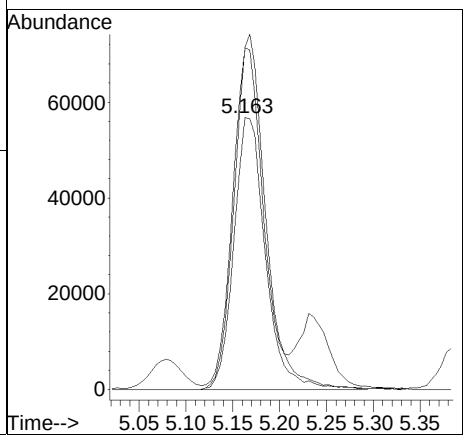


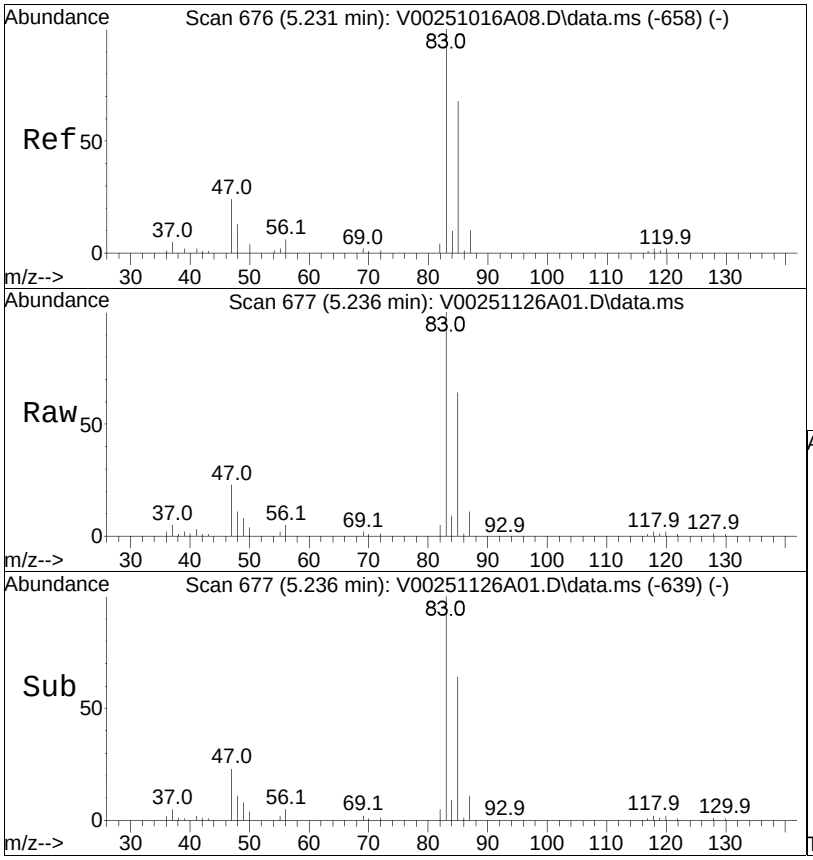


#31
Bromochloromethane
Concen: 40.49 ug/L
RT: 5.163 min Scan# 663
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:128 Resp: 133150

Ion	Ratio	Lower	Upper
128	100		
49	122.3	113.6	170.4
130	129.4	101.9	152.9

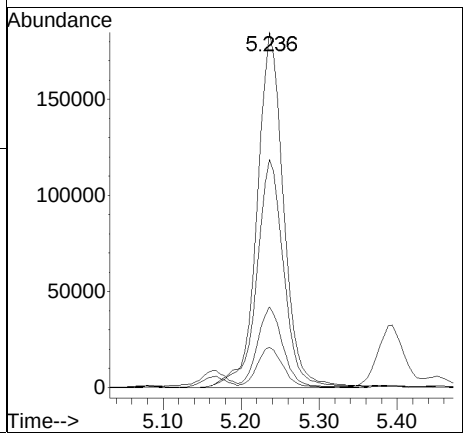


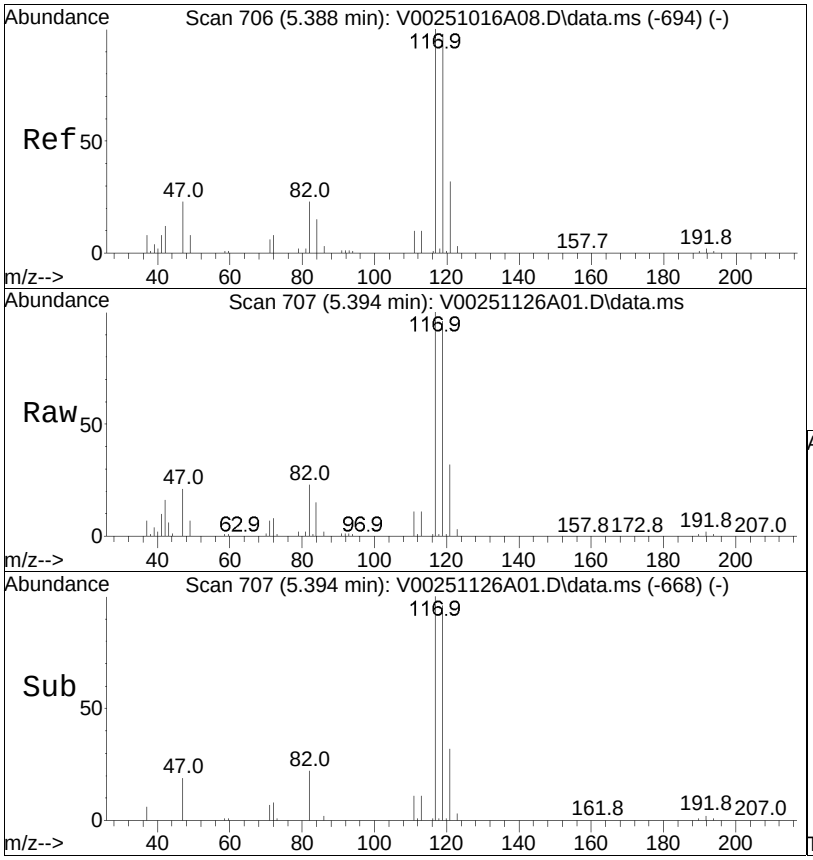


#33
Chloroform
Concen: 38.76 ug/L
RT: 5.236 min Scan# 677
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 83 Resp: 436251

Ion	Ratio	Lower	Upper
83	100		
85	66.3	43.3	89.9
47	21.3	14.4	29.8
48	11.1	7.5	15.7

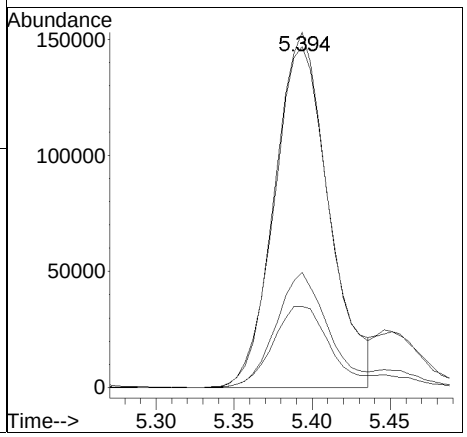


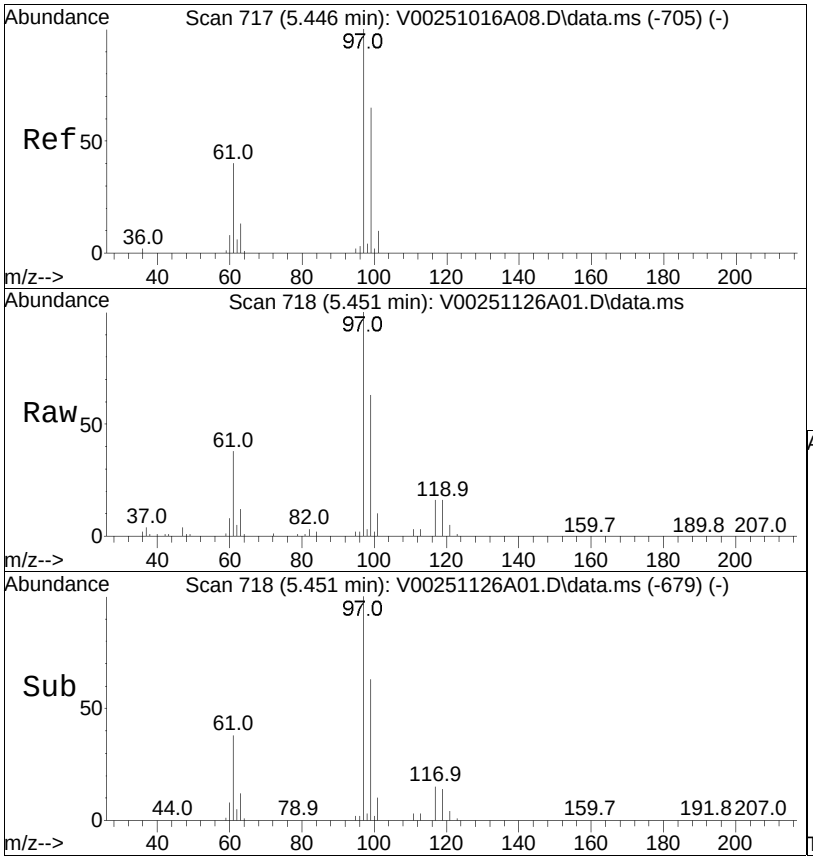


#35
Carbon tetrachloride
Concen: 45.33 ug/L
RT: 5.394 min Scan# 707
Delta R.T. 0.006 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:117 Resp: 368647

Ion	Ratio	Lower	Upper
117	100		
119	97.7	62.7	130.3
121	31.3	20.5	42.7
82	24.5	17.4	36.2

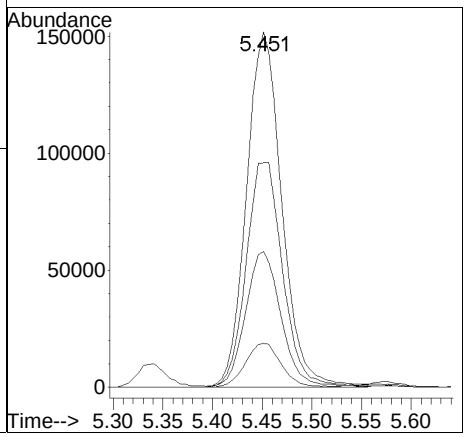


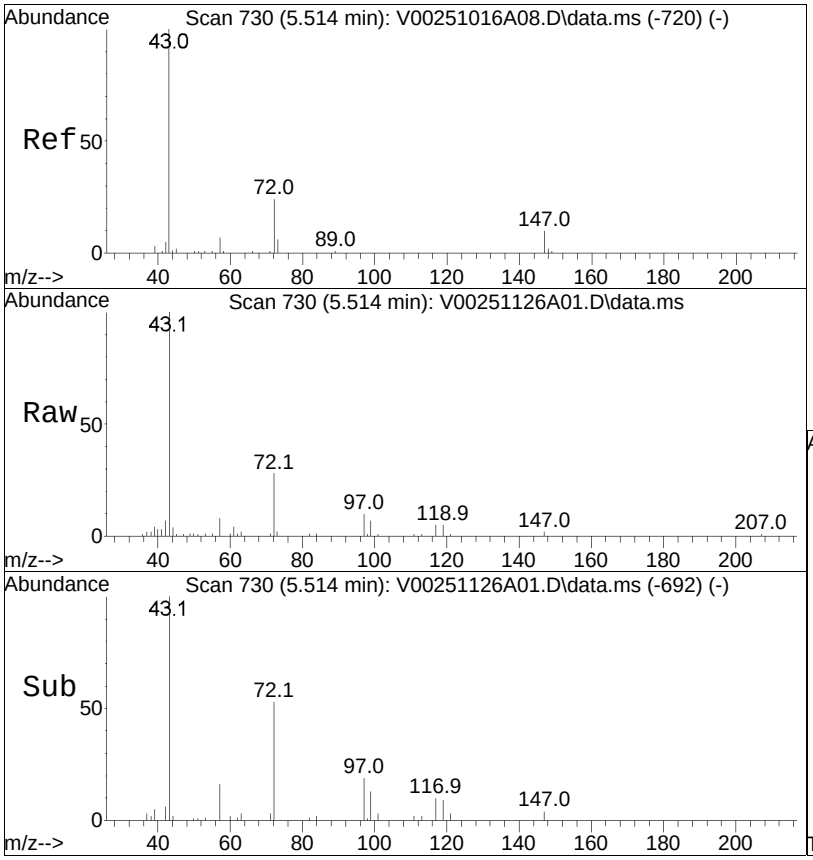


#38
1,1,1-Trichloroethane
Concen: 44.32 ug/L
RT: 5.451 min Scan# 718
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 97 Resp: 377434

Ion	Ratio	Lower	Upper
97	100		
99	65.9	41.5	86.3
61	38.3	30.6	63.6
63	12.7	9.9	20.5

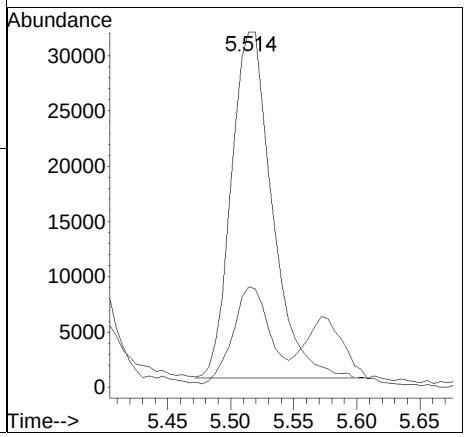


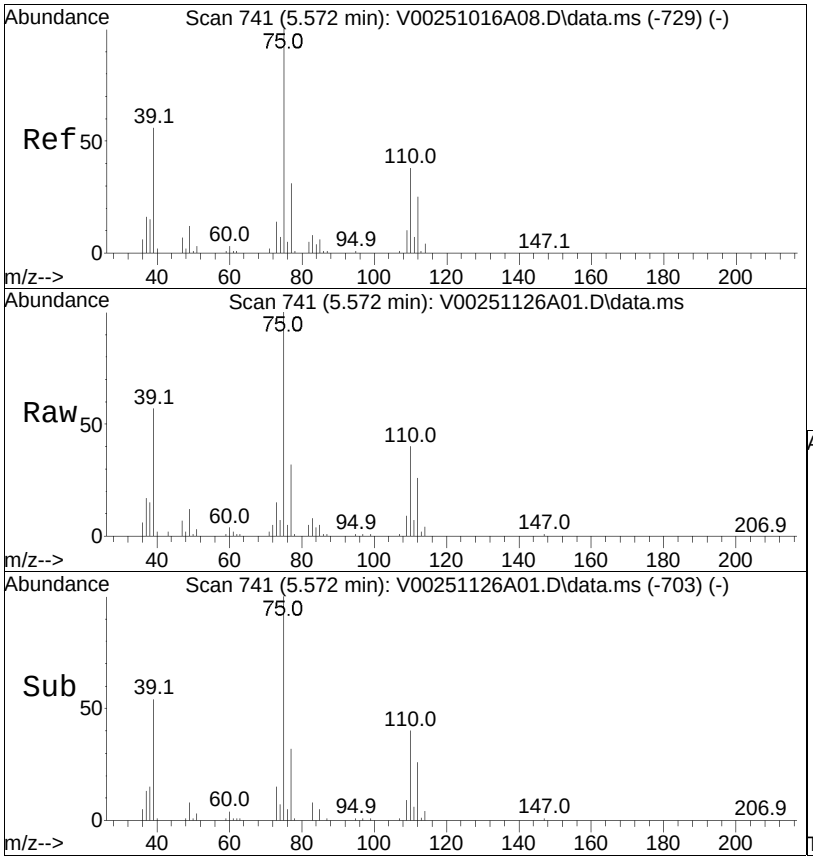


#40
2-Butanone
Concen: 33.41 ug/L
RT: 5.514 min Scan# 730
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 43 Resp: 70714

Ion	Ratio	Lower	Upper
43	100		
72	27.4	19.4	29.0

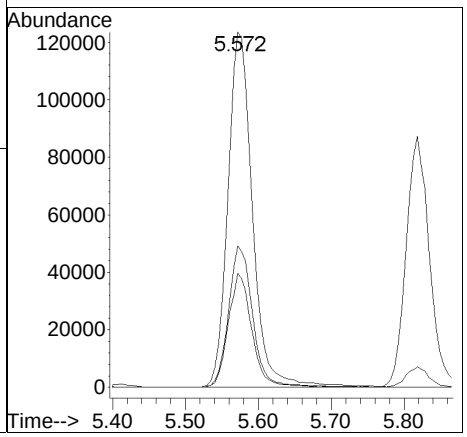


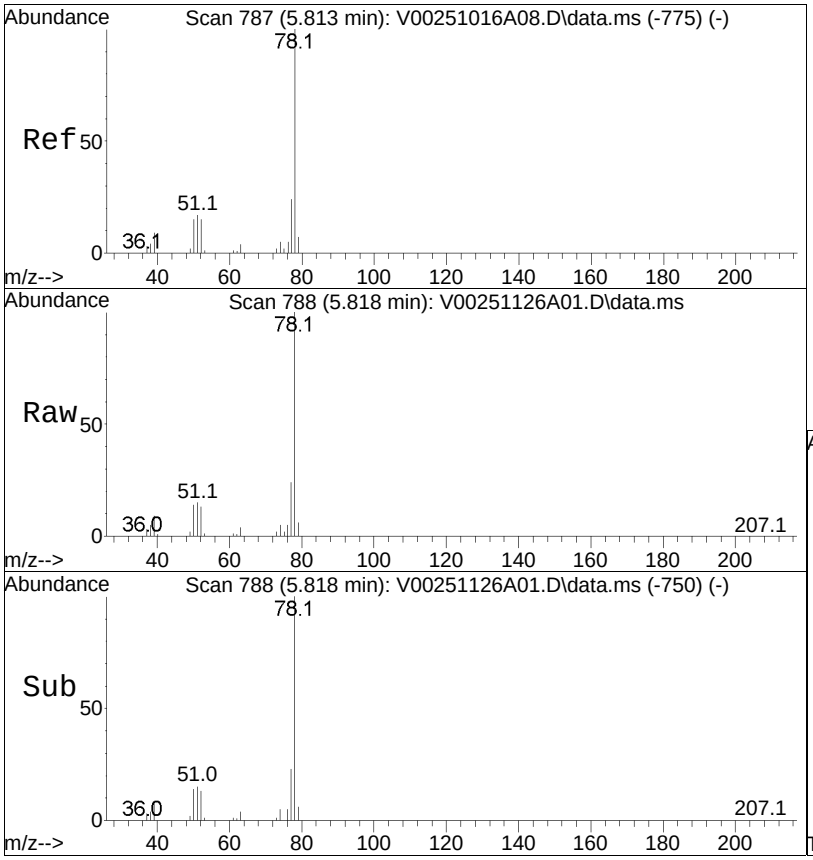


#41
1,1-Dichloropropene
Concen: 42.59 ug/L
RT: 5.572 min Scan# 741
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 75 Resp: 291083

Ion	Ratio	Lower	Upper
75	100		
110	38.7	22.9	47.5
77	30.7	19.6	40.6

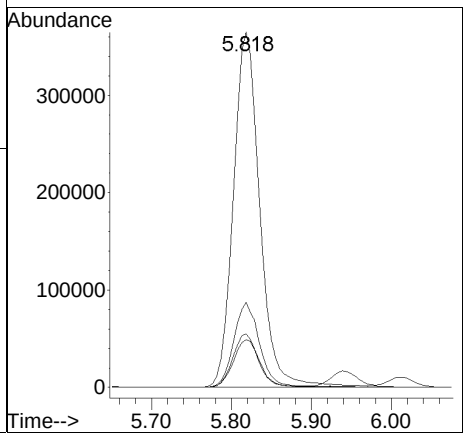


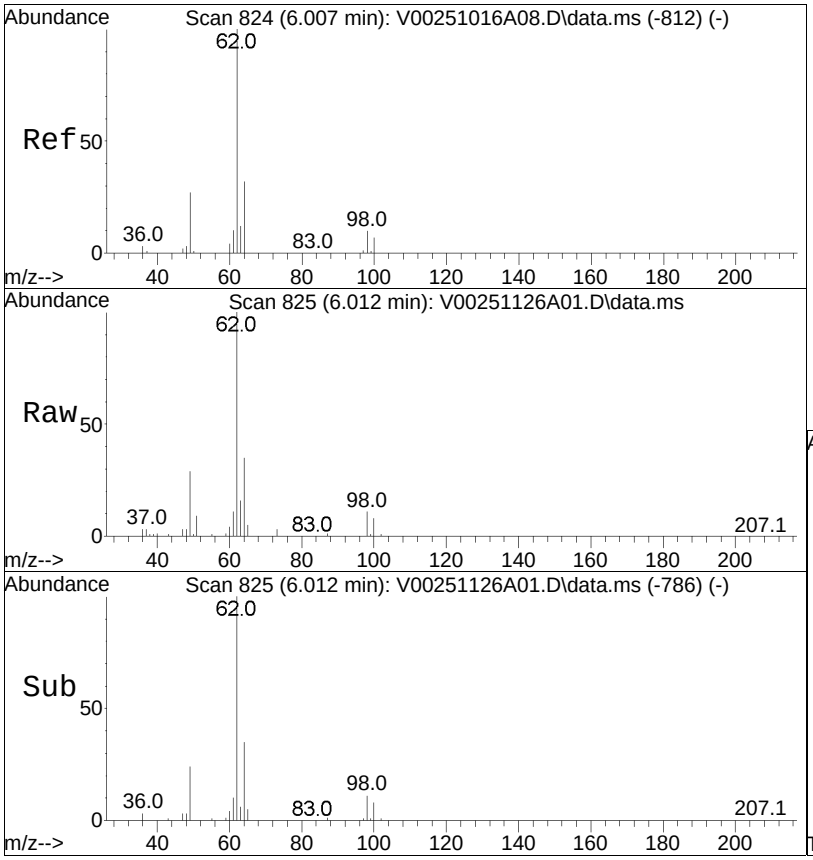


#42
Benzene
Concen: 37.91 ug/L
RT: 5.818 min Scan# 788
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 78 Resp: 838807

Ion	Ratio	Lower	Upper
78	100		
77	23.4	15.6	32.4
51	14.8	10.2	21.2
52	13.4	9.6	19.8

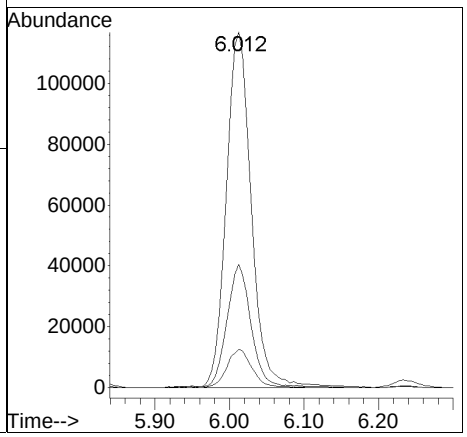


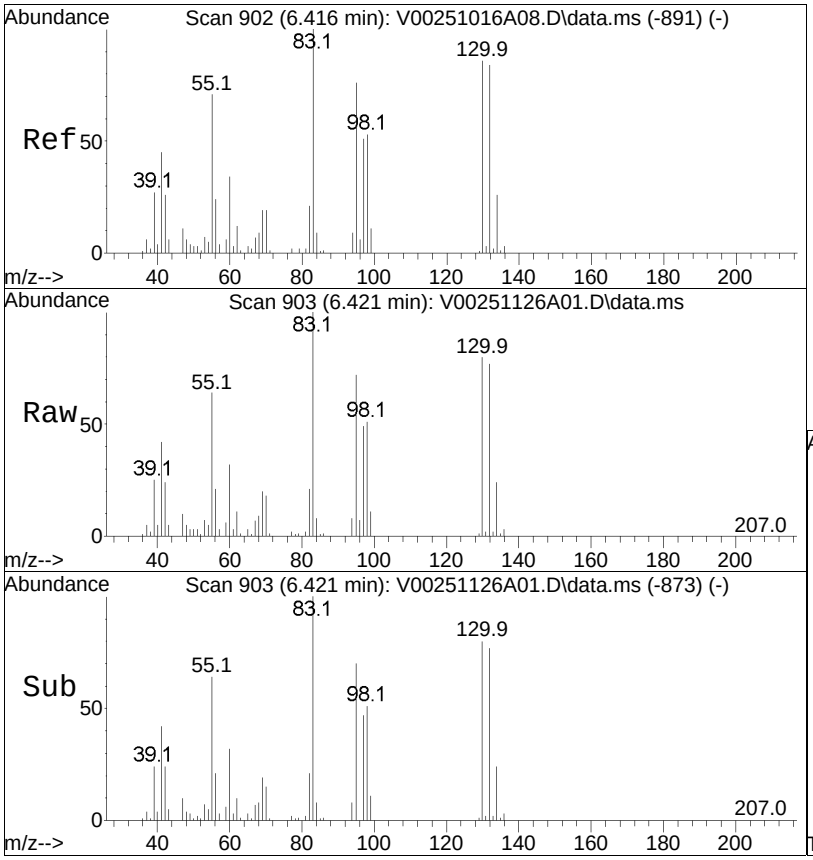


#45
1,2-Dichloroethane
Concen: 38.43 ug/L
RT: 6.012 min Scan# 825
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 62 Resp: 273400

Ion	Ratio	Lower	Upper
62	100		
64	33.4	12.6	52.6
98	10.6	0.0	28.7

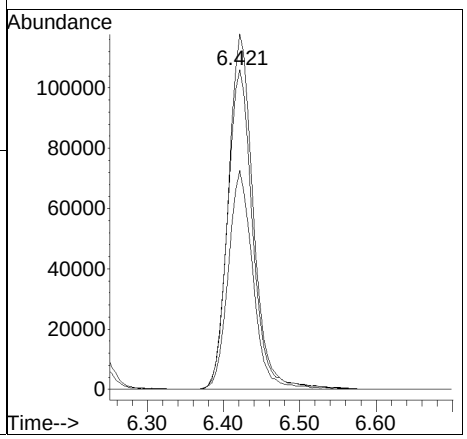


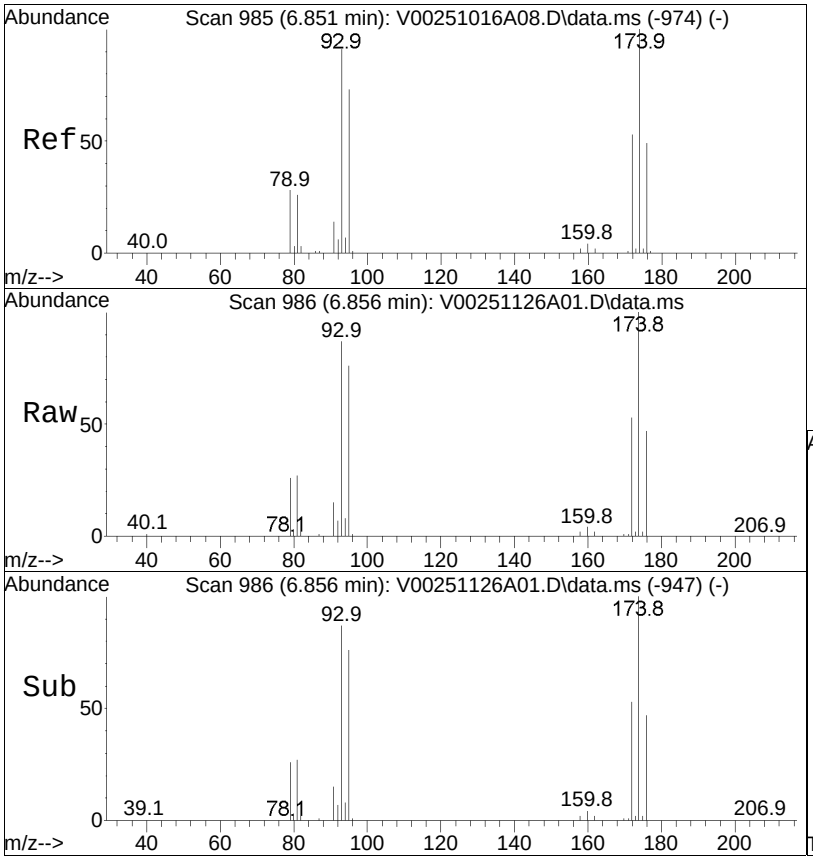


#49
Trichloroethene
Concen: 39.71 ug/L
RT: 6.421 min Scan# 903
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 95 Resp: 243767

Ion	Ratio	Lower	Upper
95	100		
97	67.4	54.2	81.4
130	110.4	77.0	115.6

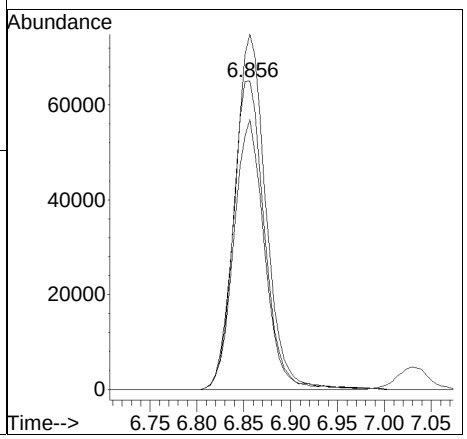


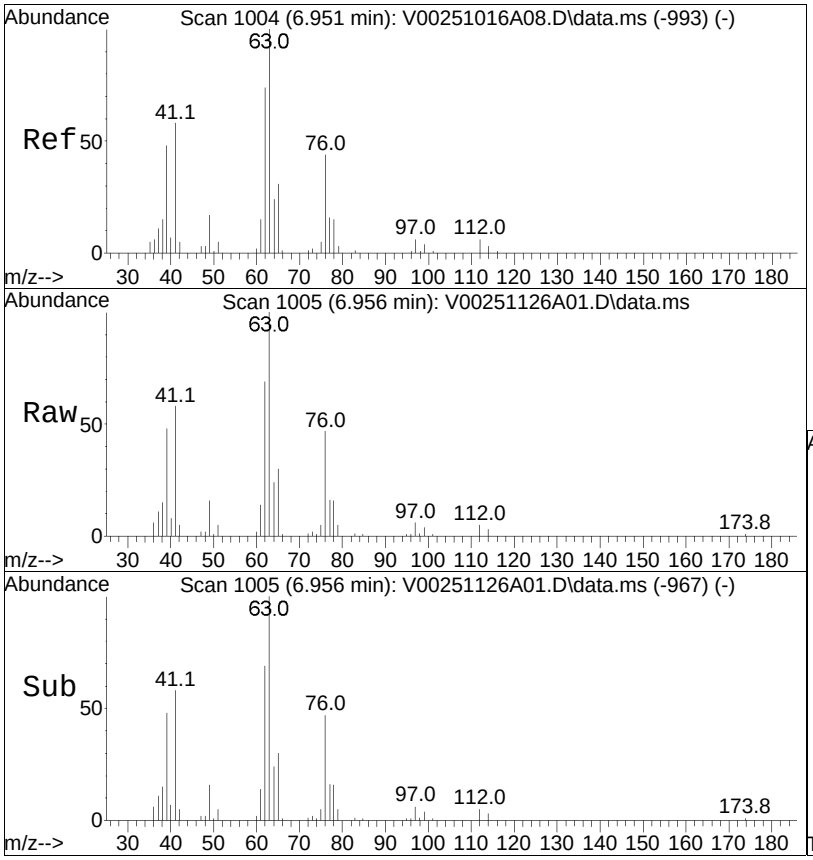


#51
Dibromomethane
Concen: 39.31 ug/L
RT: 6.856 min Scan# 986
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 93 Resp: 151062

Ion	Ratio	Lower	Upper
93	100		
95	85.7	66.6	100.0
174	113.8	76.7	115.1

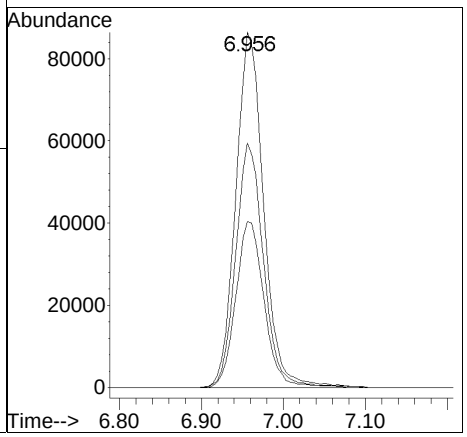


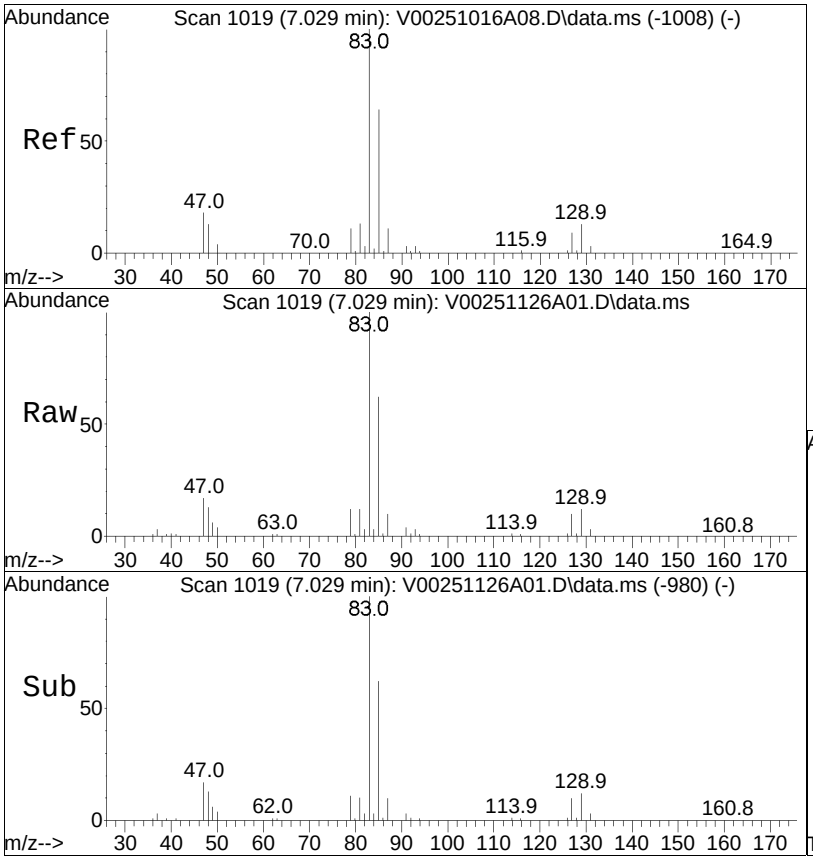


#52
1,2-Dichloropropane
Concen: 35.68 ug/L
RT: 6.956 min Scan# 1005
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 63 Resp: 204354

Ion	Ratio	Lower	Upper
63	100		
62	68.6	57.8	86.8
76	47.6	34.0	51.0

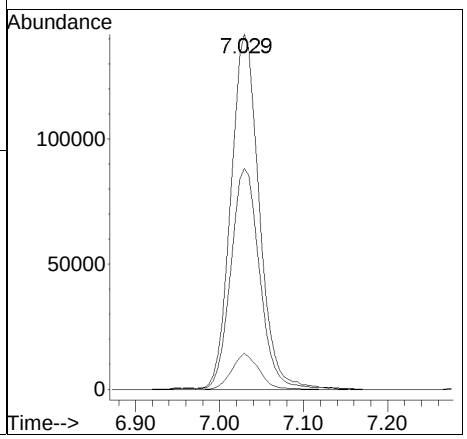


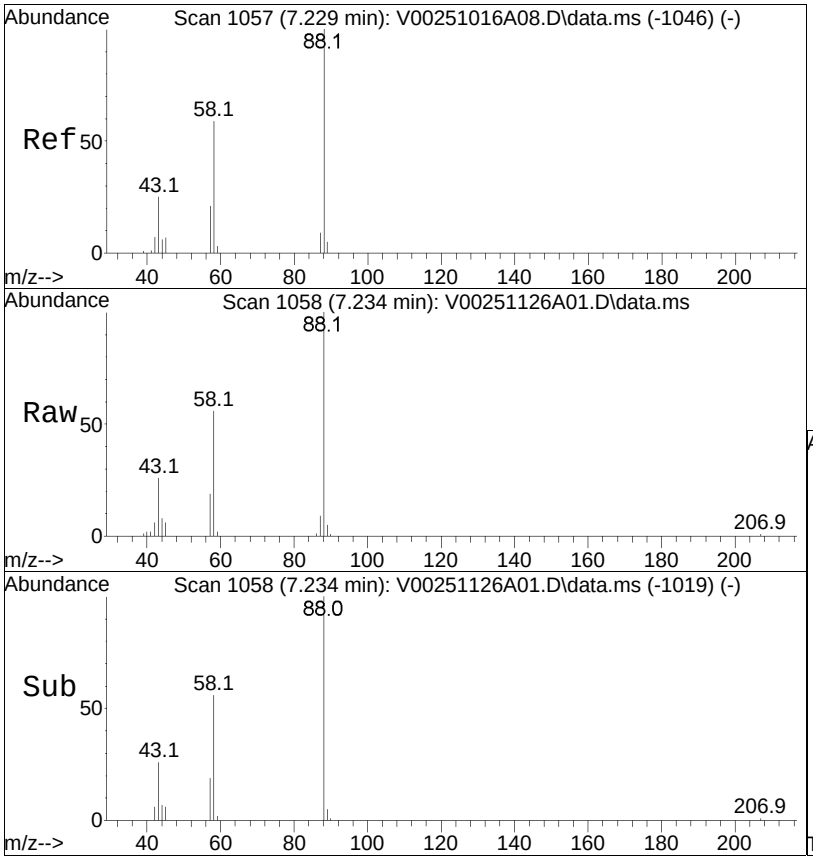


#55
Bromodichloromethane
Concen: 39.27 ug/L
RT: 7.029 min Scan# 1019
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 83 Resp: 333920

Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.9	76.3
127	9.7	6.6	9.8

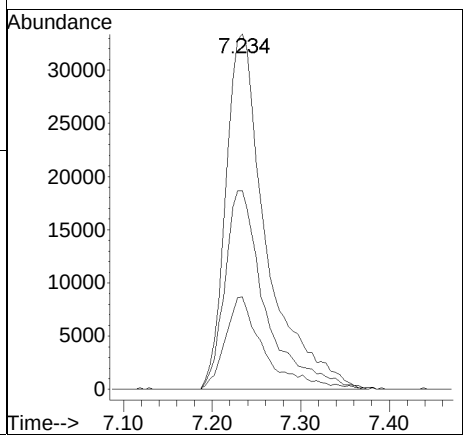


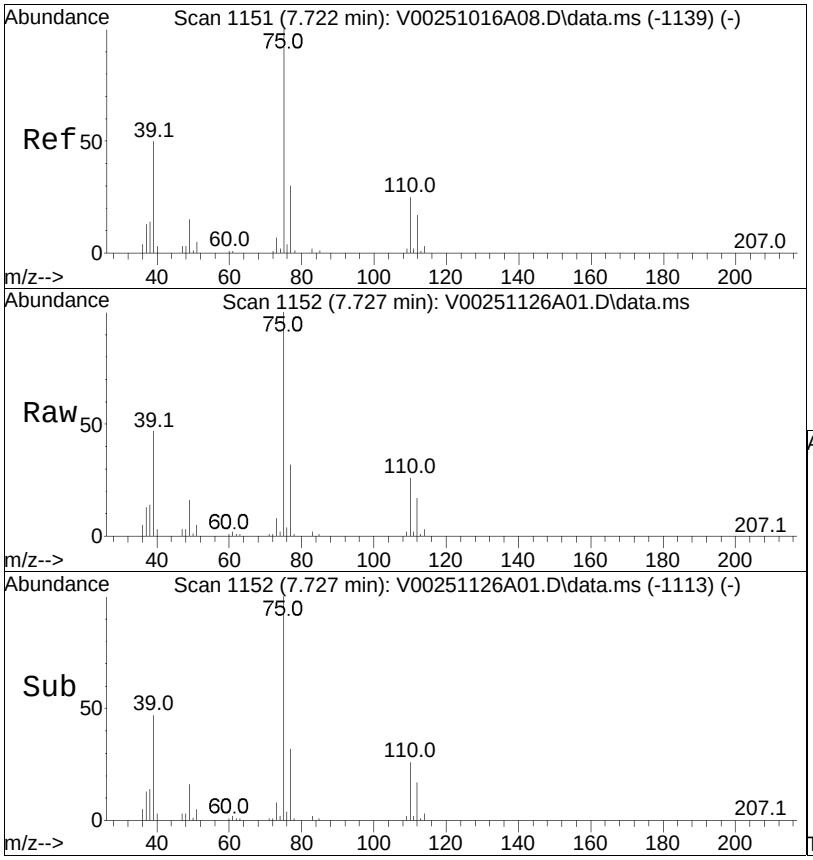


#58
1,4-Dioxane
Concen: 2214.49 ug/L
RT: 7.234 min Scan# 1058
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 88 Resp: 106429

Ion	Ratio	Lower	Upper
88	100		
58	55.8	54.6	82.0
43	25.5	17.8	26.6

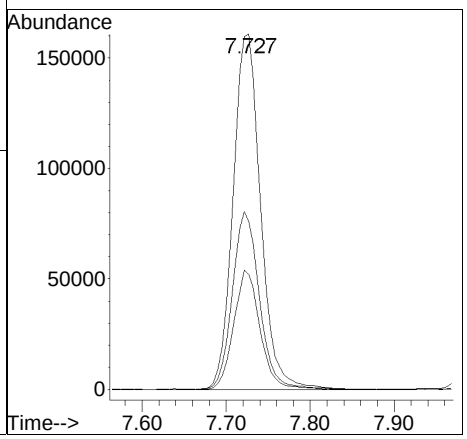


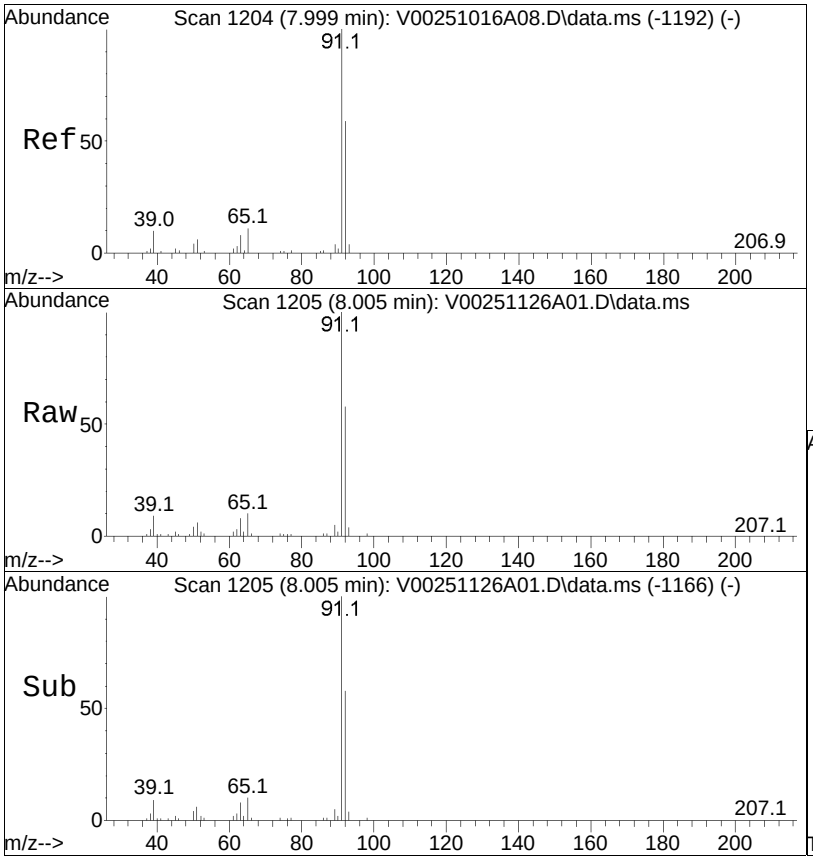


#59
cis-1,3-Dichloropropene
Concen: 38.97 ug/L
RT: 7.727 min Scan# 1152
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 75 Resp: 366401

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.7	38.5
39	49.4	32.3	48.5#

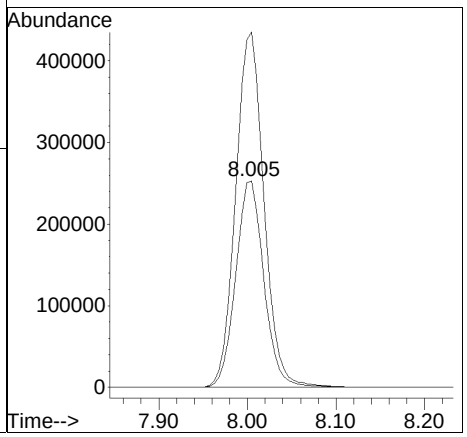


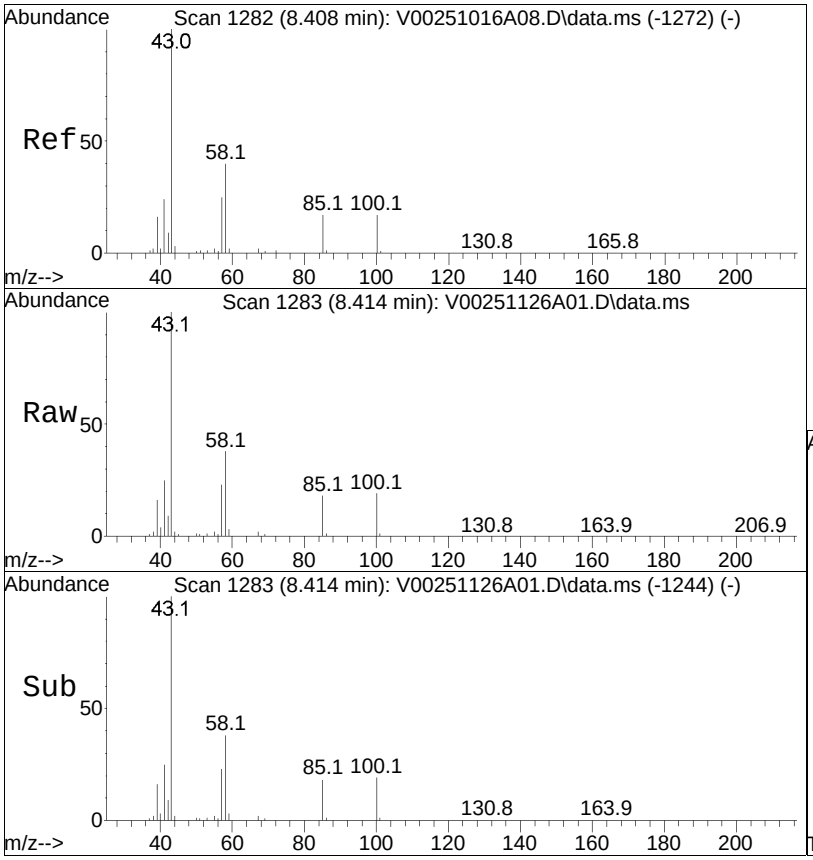


#62
Toluene
Concen: 42.92 ug/L
RT: 8.005 min Scan# 1205
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 92 Resp: 559356

Ion	Ratio	Lower	Upper
92	100		
91	172.9	138.2	207.2

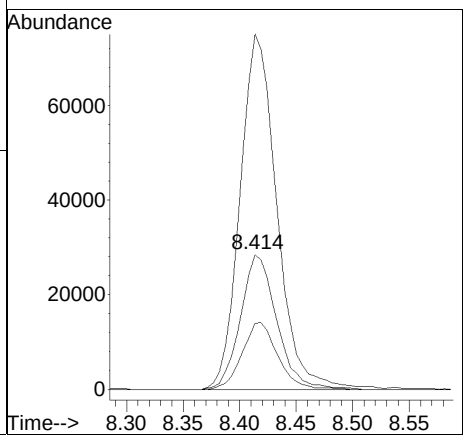


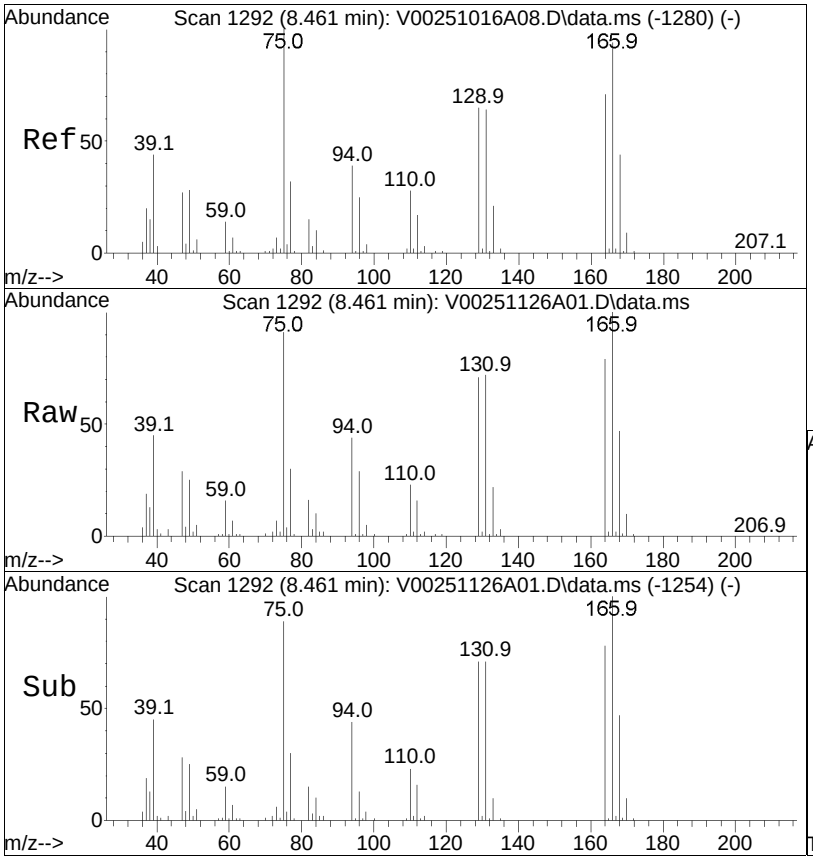


#63
4-Methyl-2-pentanone
Concen: 40.44 ug/L
RT: 8.414 min Scan# 1283
Delta R.T. 0.006 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 58 Resp: 63490

Ion	Ratio	Lower	Upper
58	100		
100	48.8	31.2	46.8#
43	267.7	156.5	234.7#

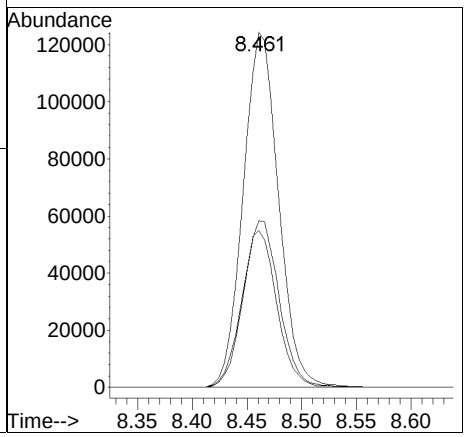


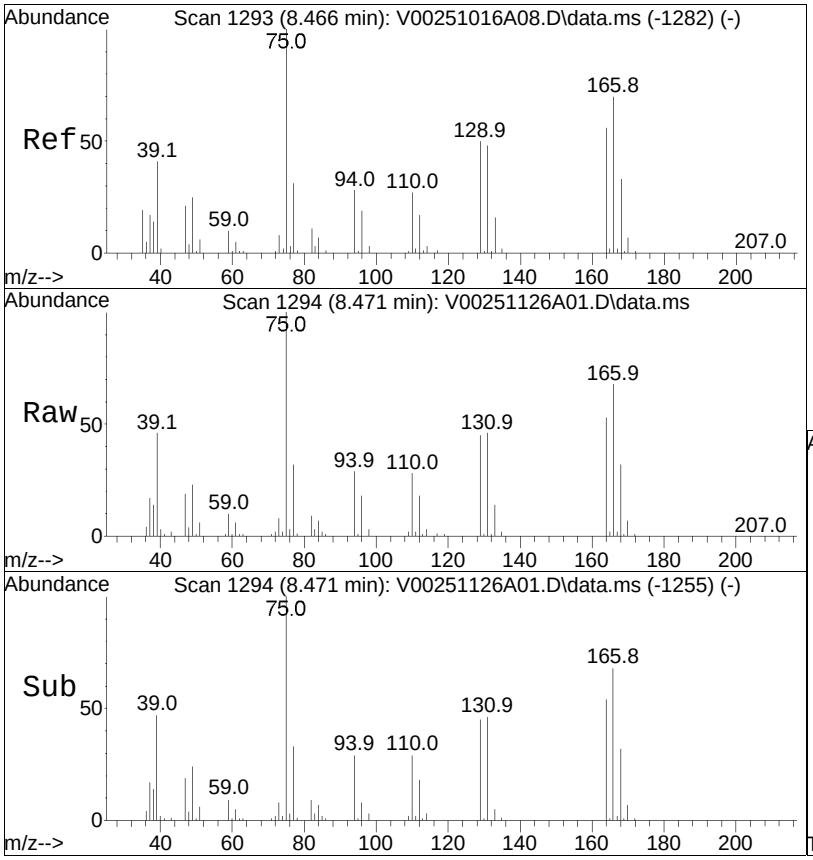


#64
Tetrachloroethene
Concen: 50.15 ug/L
RT: 8.461 min Scan# 1292
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:166 Resp: 280135

Ion	Ratio	Lower	Upper
166	100		
168	47.7	29.2	69.2
94	44.1	29.0	69.0

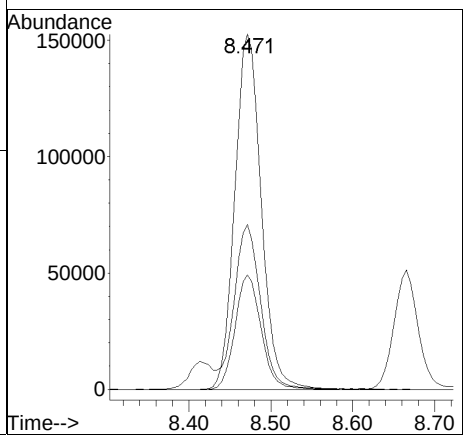


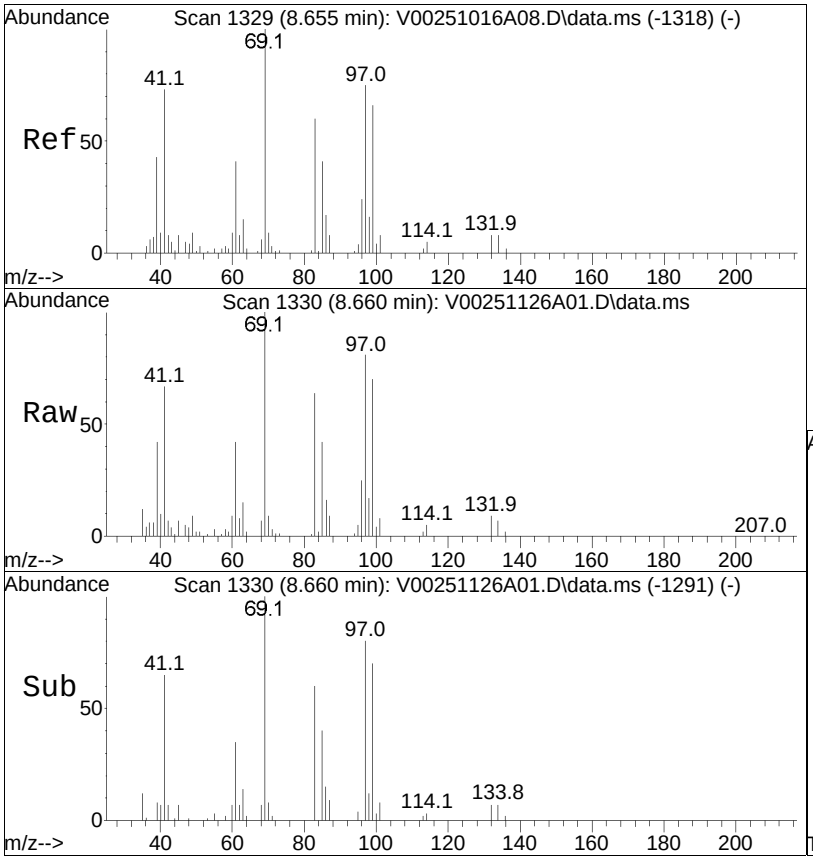


#66
trans-1,3-Dichloropropene
Concen: 43.82 ug/L
RT: 8.471 min Scan# 1294
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 75 Resp: 342222

Ion	Ratio	Lower	Upper
75	100		
77	31.6	11.8	51.8
39	45.8	23.7	63.7

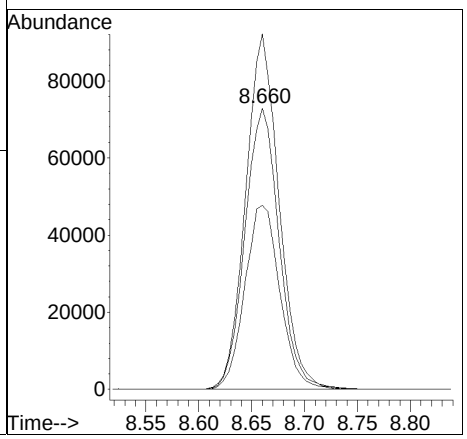


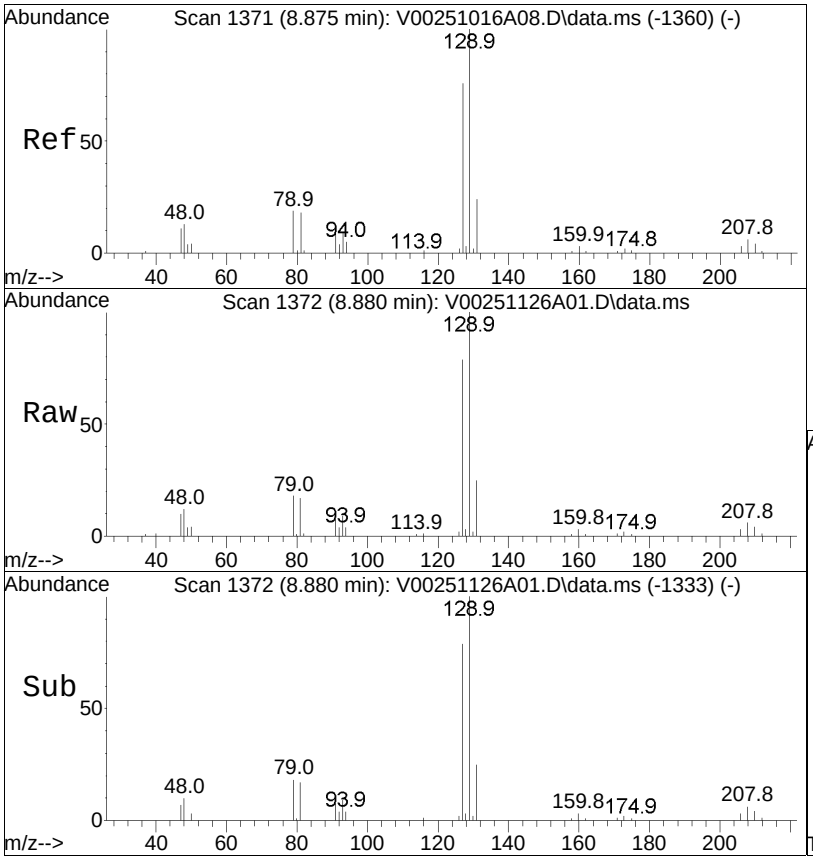


#69
1,1,2-Trichloroethane
Concen: 41.74 ug/L
RT: 8.660 min Scan# 1330
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 83 Resp: 164498

Ion	Ratio	Lower	Upper
83	100		
97	123.5	98.8	138.8
85	67.3	46.5	86.5

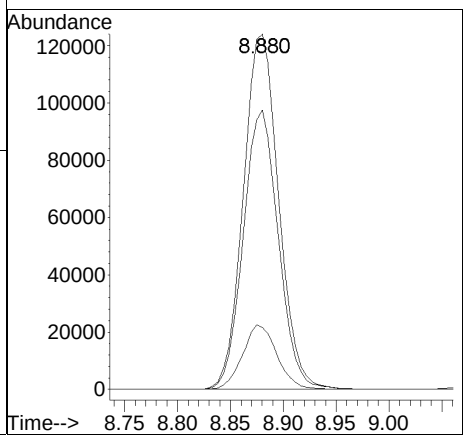


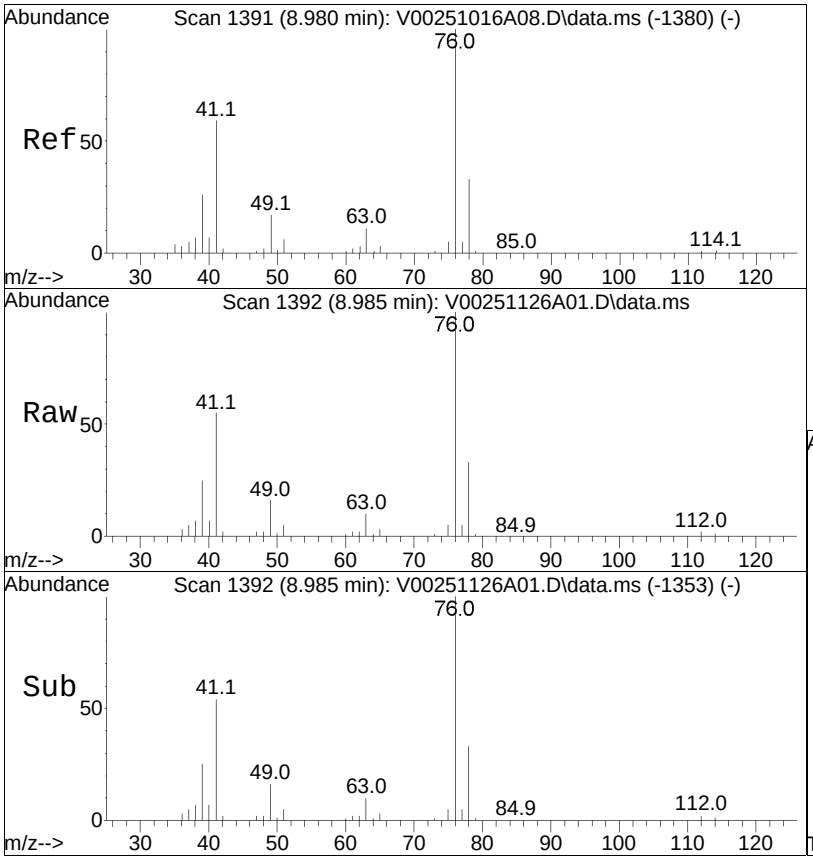


#70
Chlorodibromomethane
Concen: 47.80 ug/L
RT: 8.880 min Scan# 1372
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:129 Resp: 288938

Ion	Ratio	Lower	Upper
129	100		
81	17.7	0.1	40.1
127	77.9	58.4	98.4

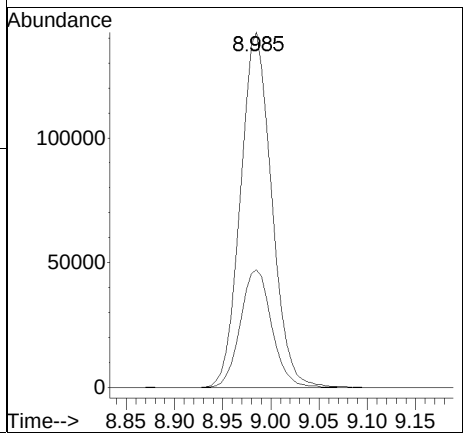


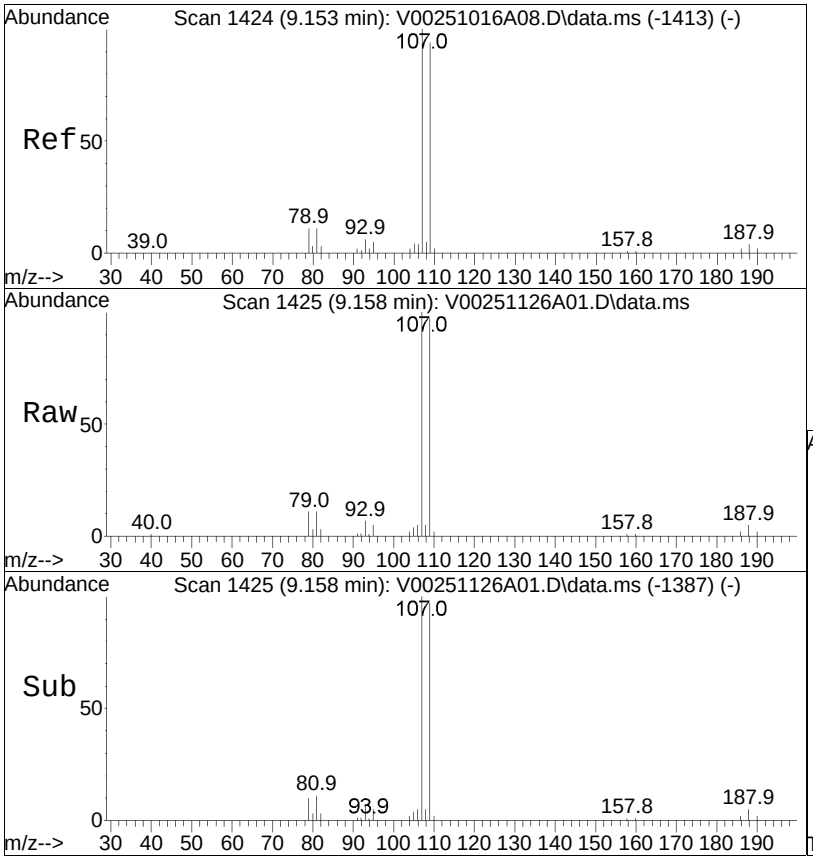


#71
1,3-Dichloropropane
Concen: 42.30 ug/L
RT: 8.985 min Scan# 1392
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 76 Resp: 320005

Ion	Ratio	Lower	Upper
76	100		
78	33.3	26.2	39.2

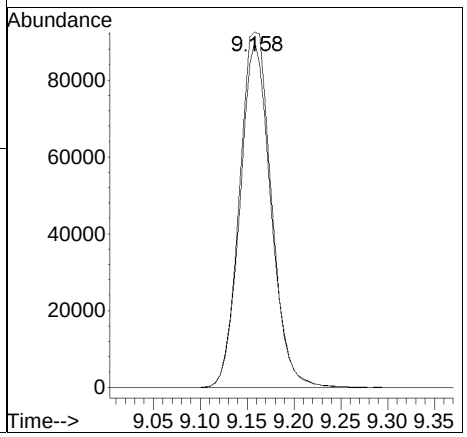


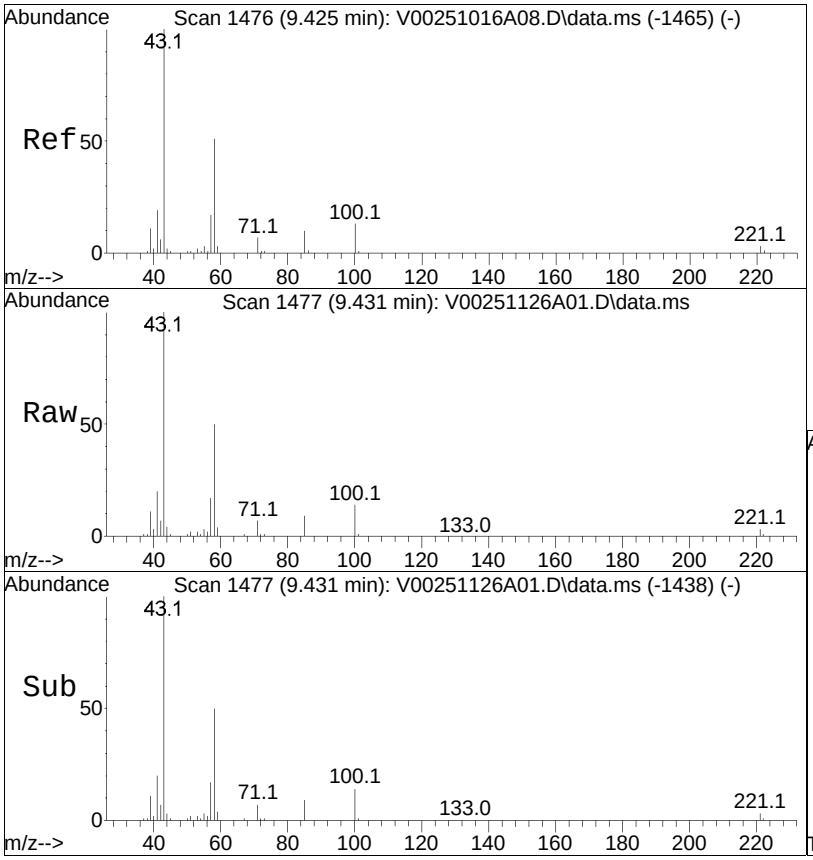


#72
1,2-Dibromoethane
Concen: 47.17 ug/L
RT: 9.158 min Scan# 1425
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:107 Resp: 220027

Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.4	113.0

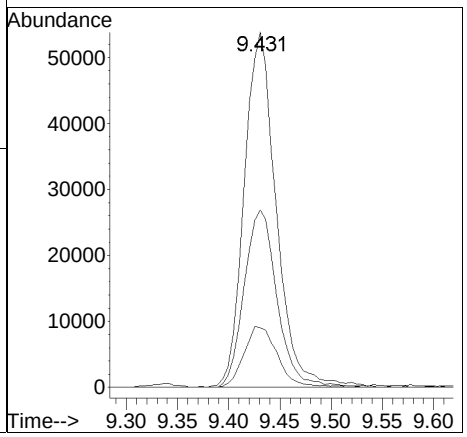


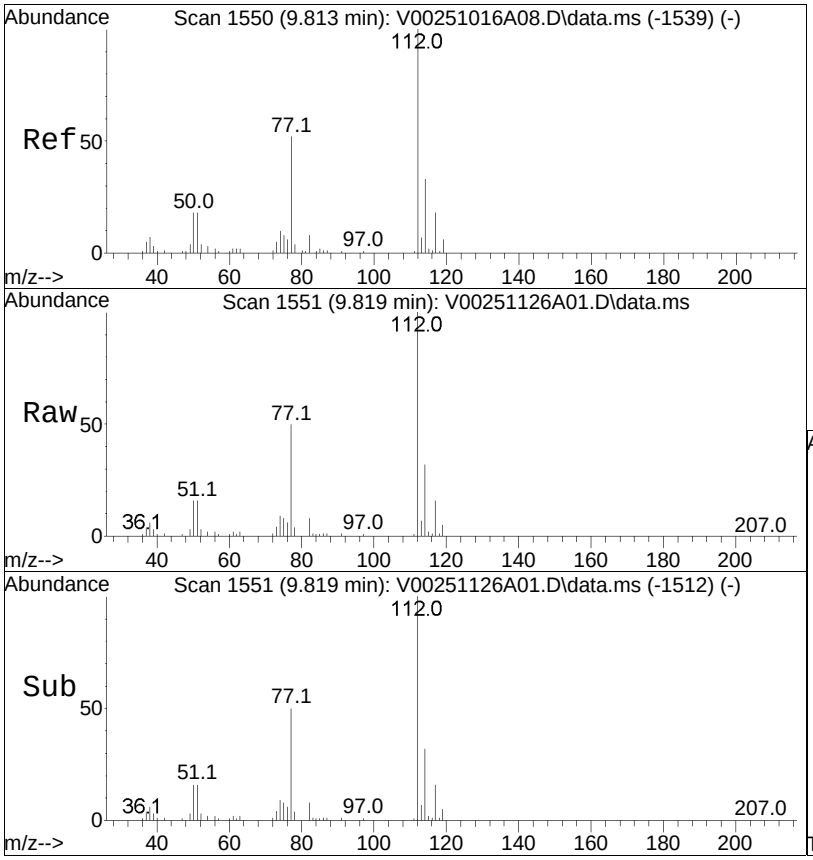


#73
2-Hexanone
Concen: 39.05 ug/L
RT: 9.431 min Scan# 1477
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 43 Resp: 117409

Ion	Ratio	Lower	Upper
43	100		
58	51.4	54.2	81.4#
57	18.0	17.8	26.6

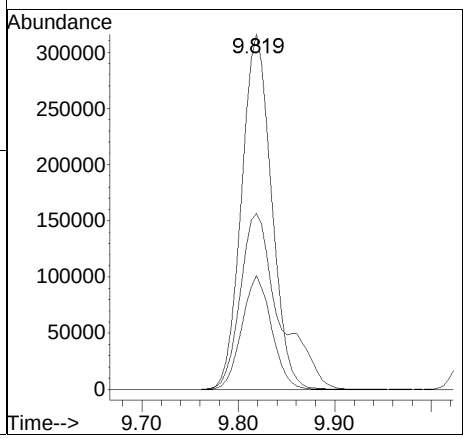


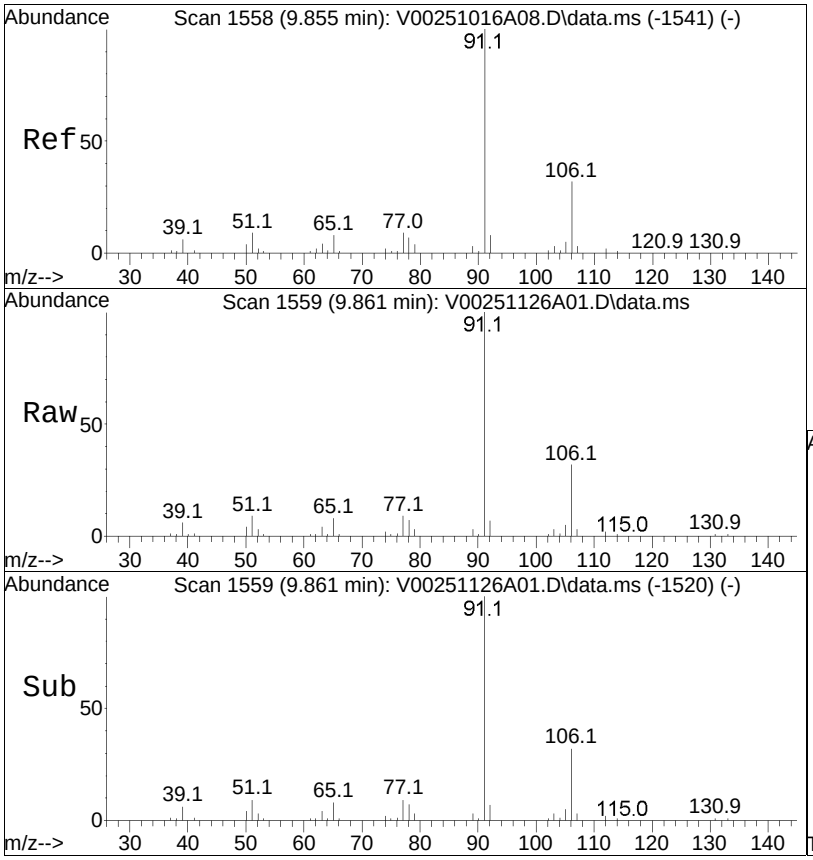


#74
Chlorobenzene
Concen: 43.64 ug/L
RT: 9.819 min Scan# 1551
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:112 Resp: 683066

Ion	Ratio	Lower	Upper
112	100		
77	64.7	57.9	86.9
114	31.8	25.7	38.5

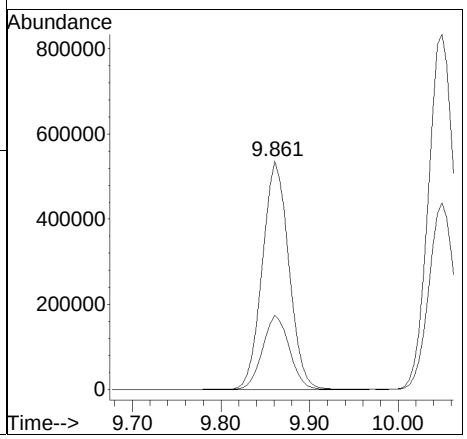


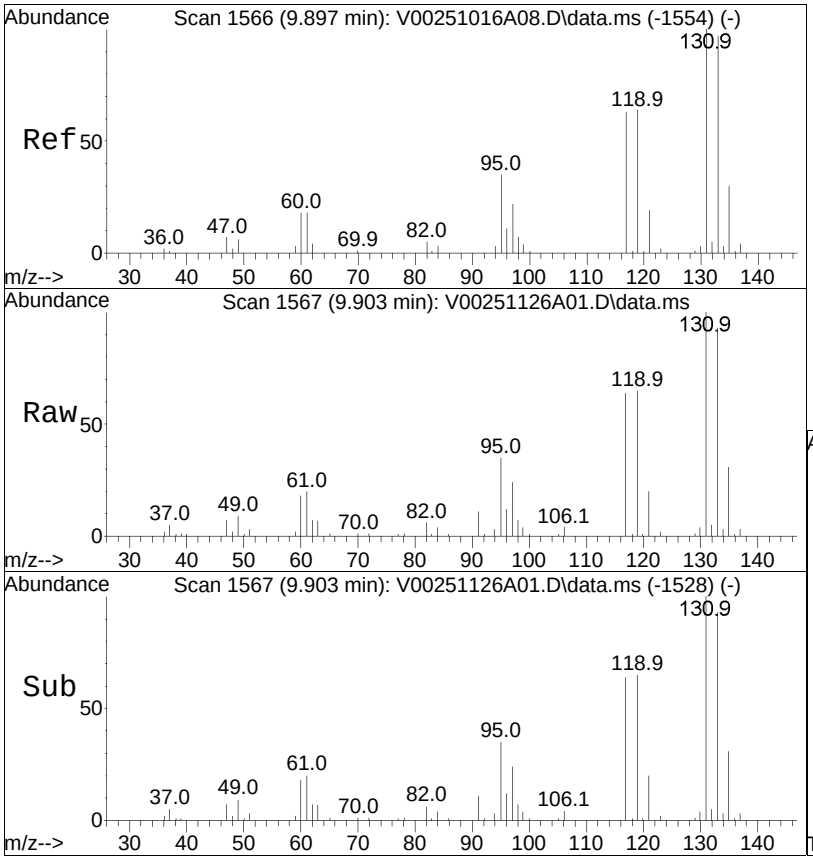


#75
Ethylbenzene
Concen: 43.54 ug/L
RT: 9.861 min Scan# 1559
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 91 Resp: 1115995

Ion	Ratio	Lower	Upper
91	100		
106	32.7	25.1	37.7

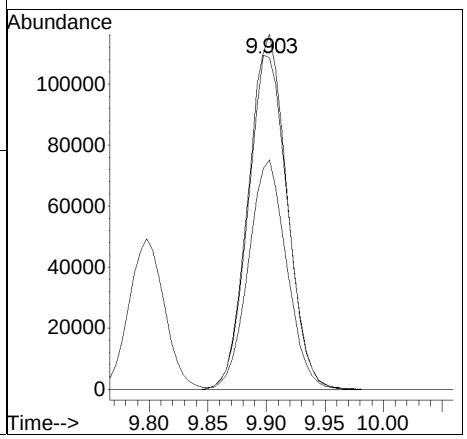


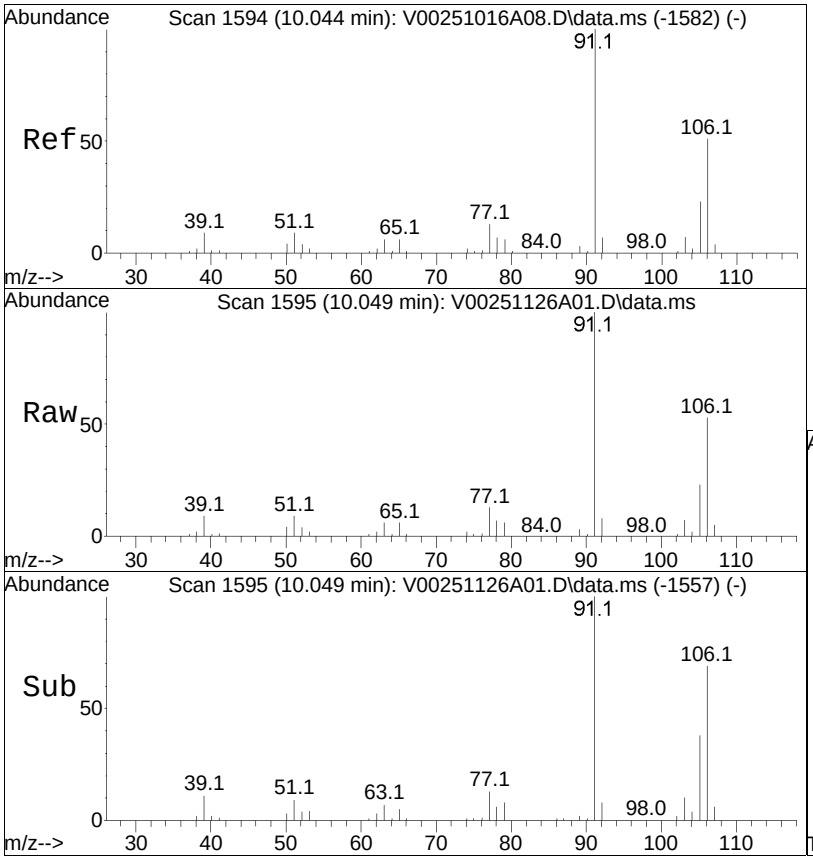


#76
1,1,1,2-Tetrachloroethane
Concen: 48.11 ug/L
RT: 9.903 min Scan# 1567
Delta R.T. 0.006 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:131 Resp: 267607

Ion	Ratio	Lower	Upper
131	100		
133	95.7	76.2	116.2
119	64.1	44.6	84.6

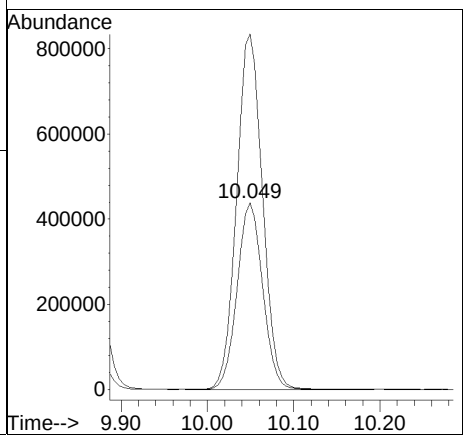


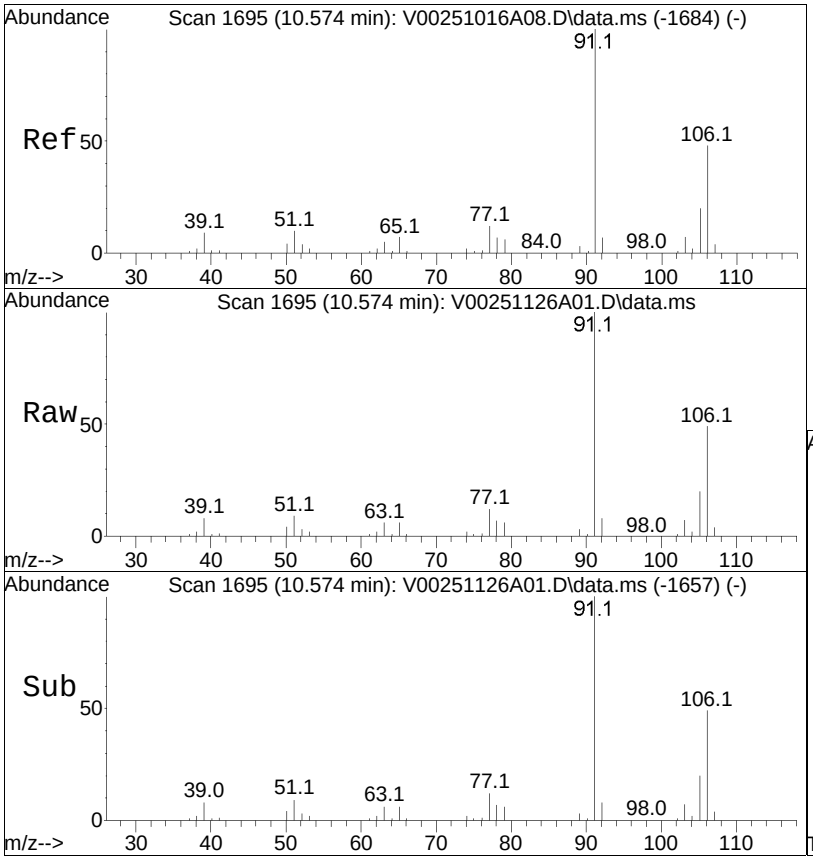


#77
p/m Xylene
Concen: 87.64 ug/L
RT: 10.049 min Scan# 1595
Delta R.T. -0.001 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:106 Resp: 900883

Ion	Ratio	Lower	Upper
106	100		
91	192.6	159.5	239.3

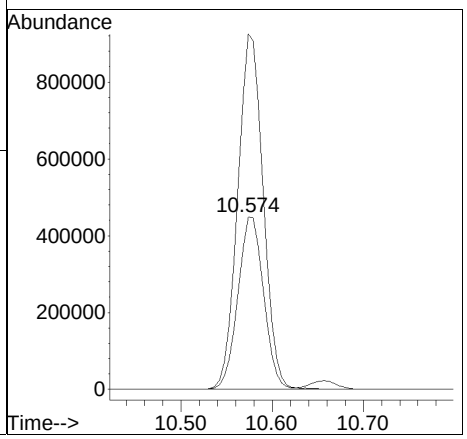


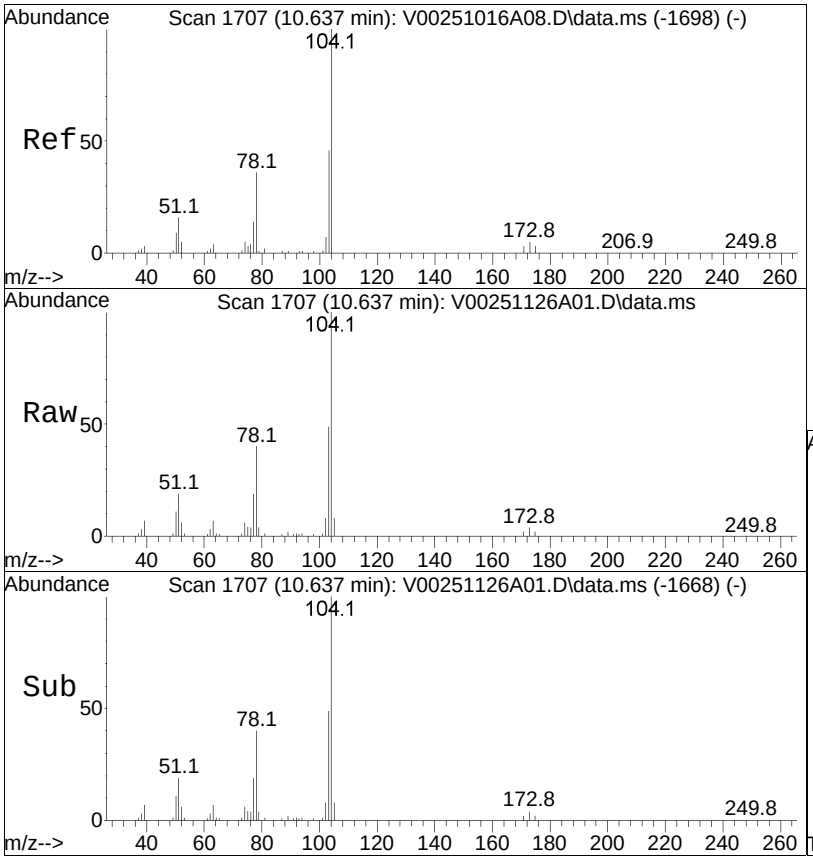


#78
o Xylene
Concen: 86.94 ug/L
RT: 10.574 min Scan# 1695
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:106 Resp: 886946

Ion	Ratio	Lower	Upper
106	100		
91	202.6	168.6	252.8

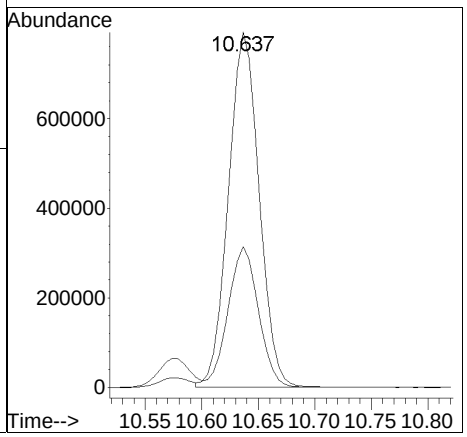


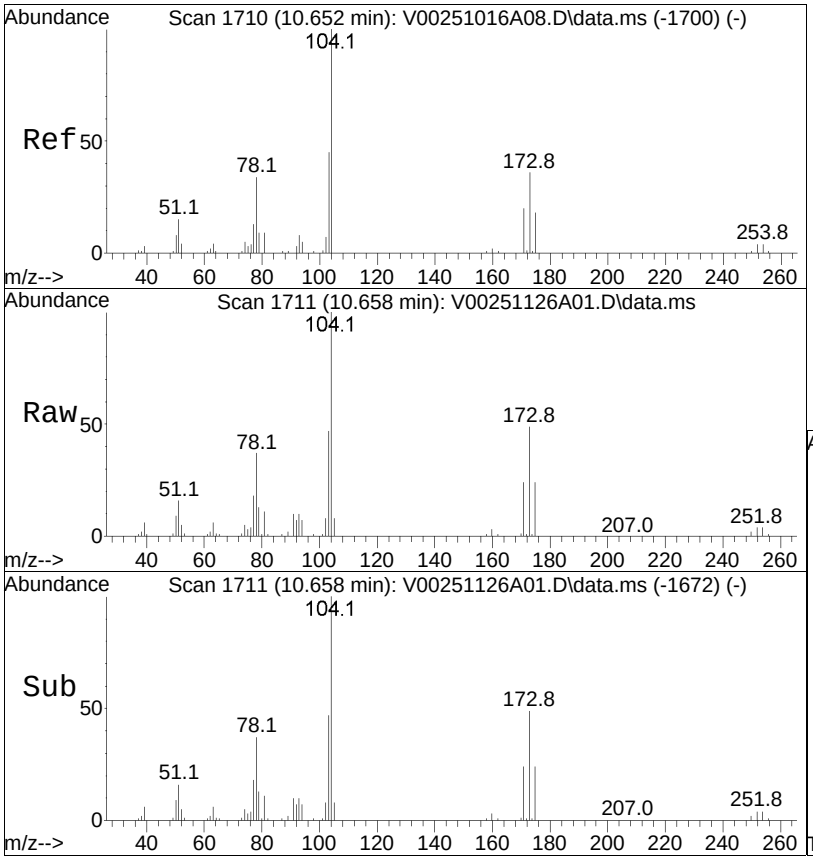


#79
Styrene
Concen: 85.42 ug/L
RT: 10.637 min Scan# 1707
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:104 Resp: 1497867

Ion	Ratio	Lower	Upper
104	100		
78	39.3	33.8	50.6

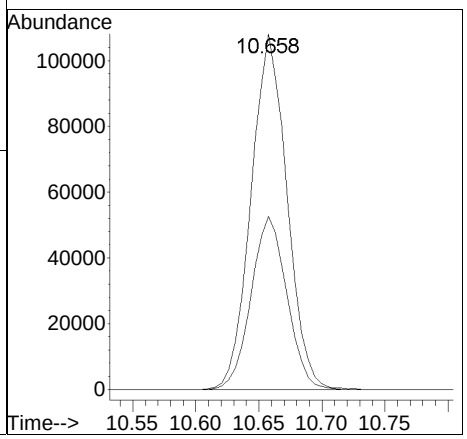


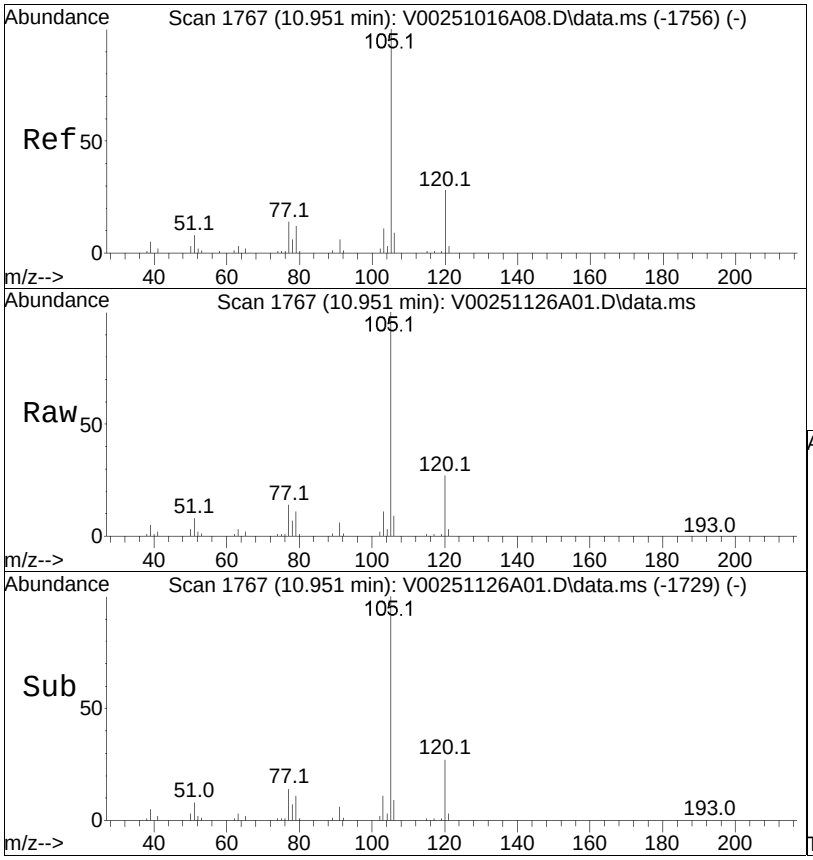


#81
Bromoform
Concen: 45.67 ug/L
RT: 10.658 min Scan# 1711
Delta R.T. 0.006 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:173 Resp: 213386

Ion	Ratio	Lower	Upper
173	100		
175	48.5	27.8	67.8

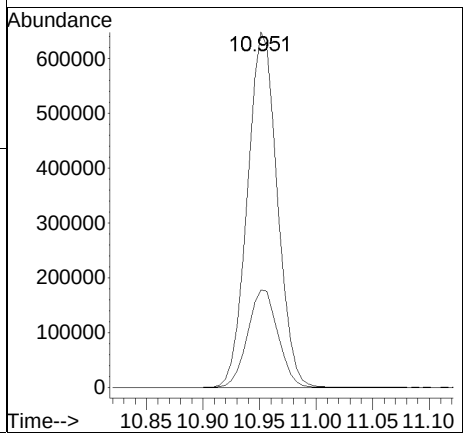


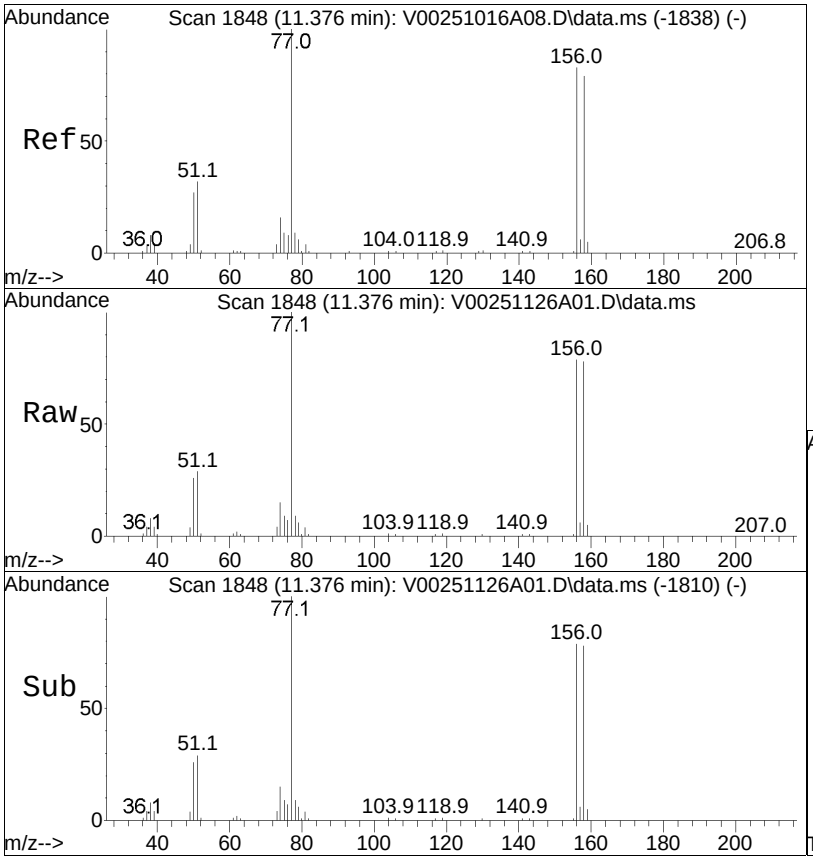


#83
Isopropylbenzene
Concen: 43.28 ug/L
RT: 10.951 min Scan# 1767
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:105 Resp: 1188063

Ion	Ratio	Lower	Upper
105	100		
120	27.9	6.4	46.4

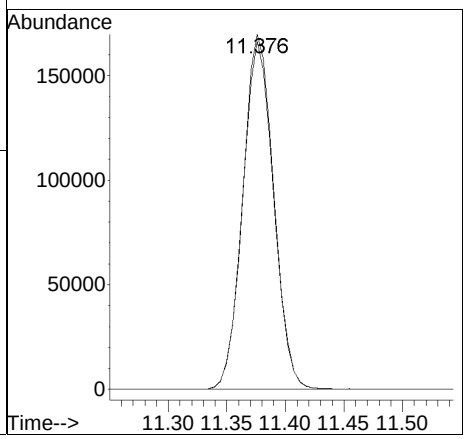


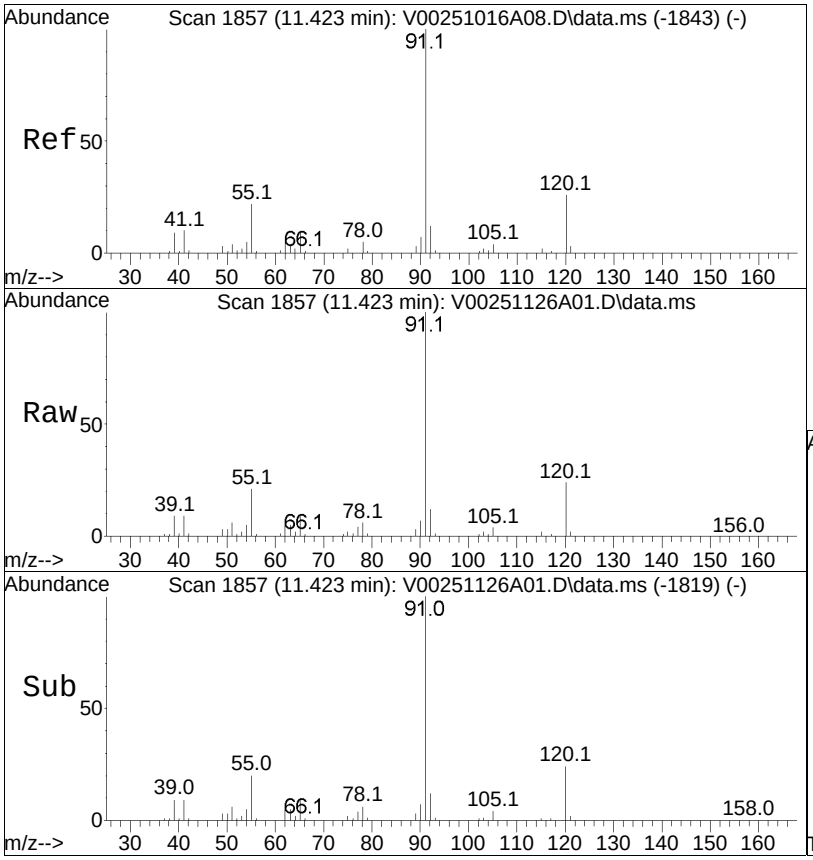


#85
Bromobenzene
Concen: 44.30 ug/L
RT: 11.376 min Scan# 1848
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:156 Resp: 312263

Ion	Ratio	Lower	Upper
156	100		
158	97.3	76.9	115.3

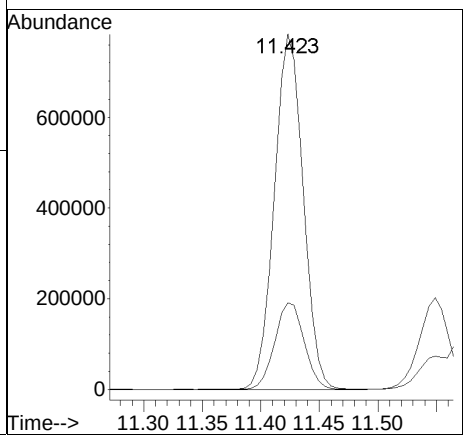


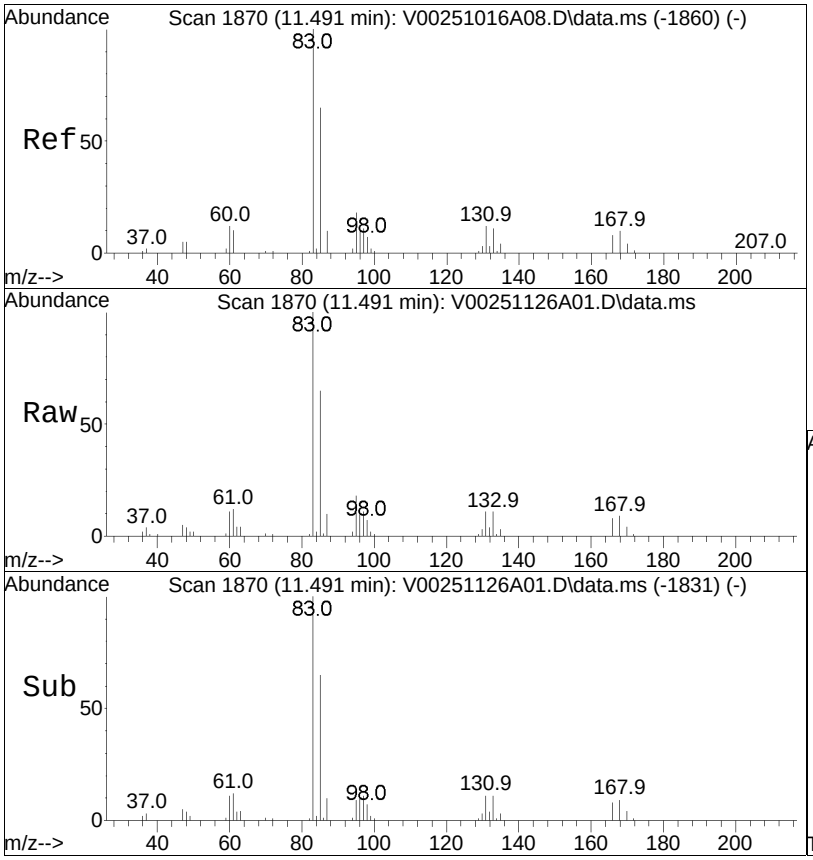


#86
n-Propylbenzene
Concen: 40.58 ug/L
RT: 11.423 min Scan# 1857
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 91 Resp: 1343905

Ion	Ratio	Lower	Upper
91	100		
120	24.8	18.2	27.2

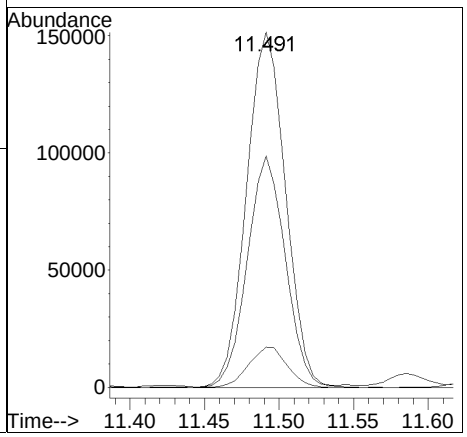


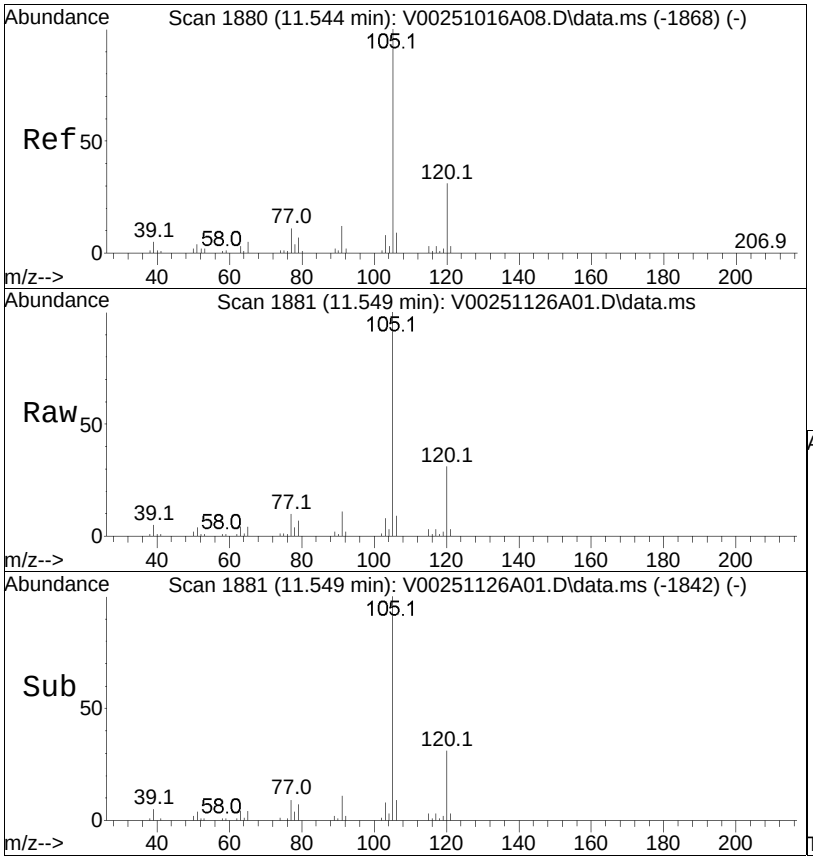


#88
1,1,2,2-Tetrachloroethane
Concen: 40.77 ug/L
RT: 11.491 min Scan# 1870
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 83 Resp: 275867

Ion	Ratio	Lower	Upper
83	100		
131	11.3	0.0	30.1
85	63.4	45.9	85.9

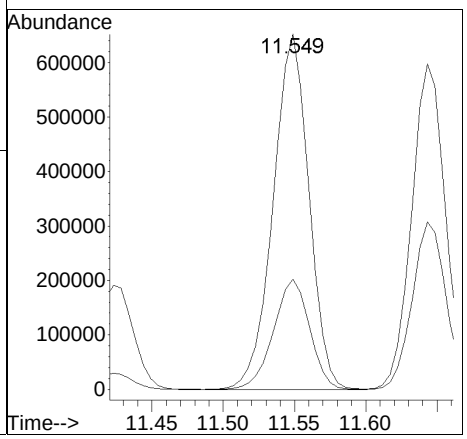


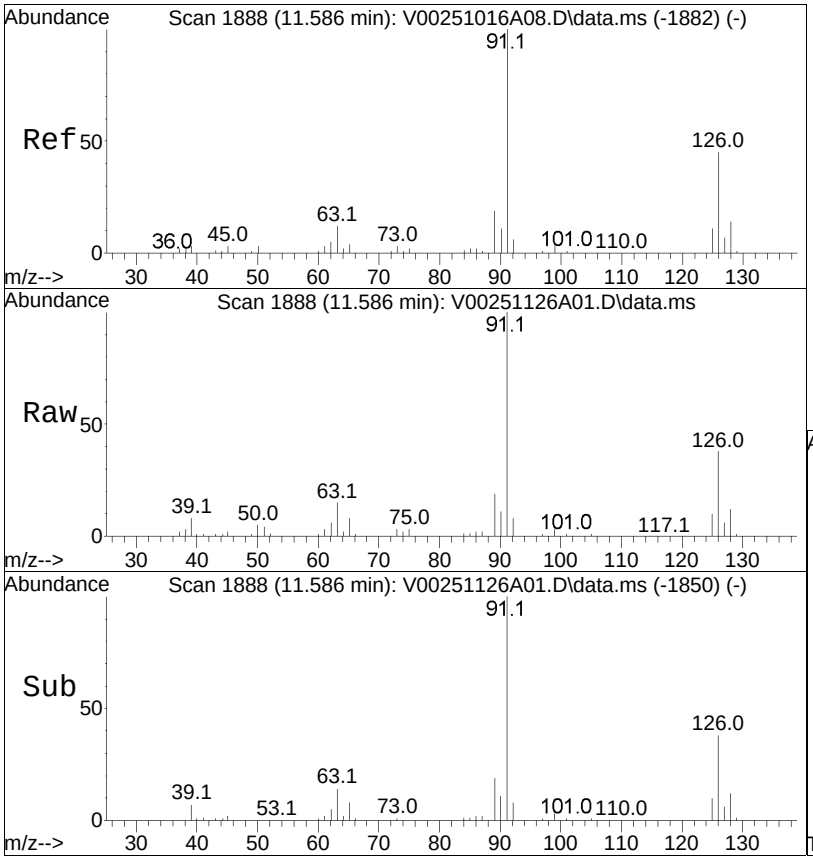


#89
4-Ethyltoluene
Concen: 42.03 ug/L
RT: 11.549 min Scan# 1881
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:105 Resp: 1135811

Ion	Ratio	Lower	Upper
105	100		
120	31.4	19.3	40.1

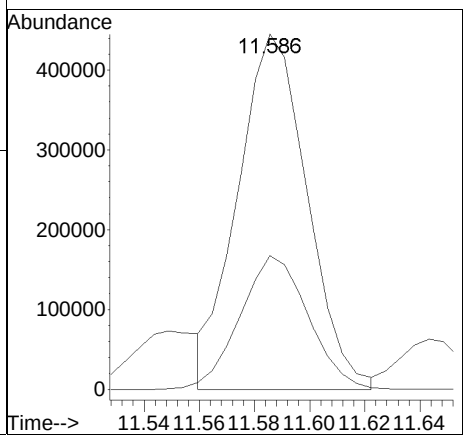


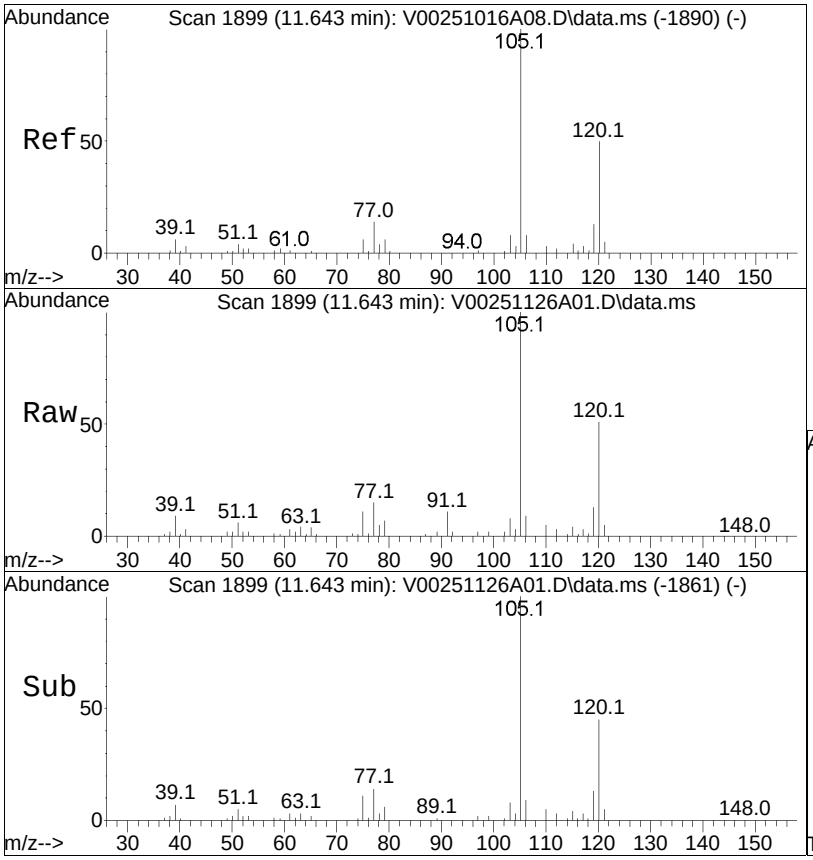


#90
2-Chlorotoluene
Concen: 41.36 ug/L M6
RT: 11.586 min Scan# 1888
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 91 Resp: 778311

Ion	Ratio	Lower	Upper
91	100		
126	37.0	27.1	40.7

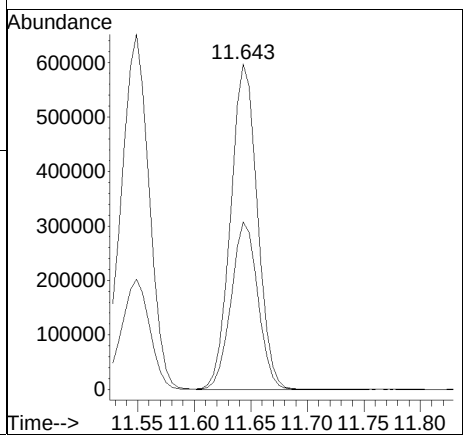


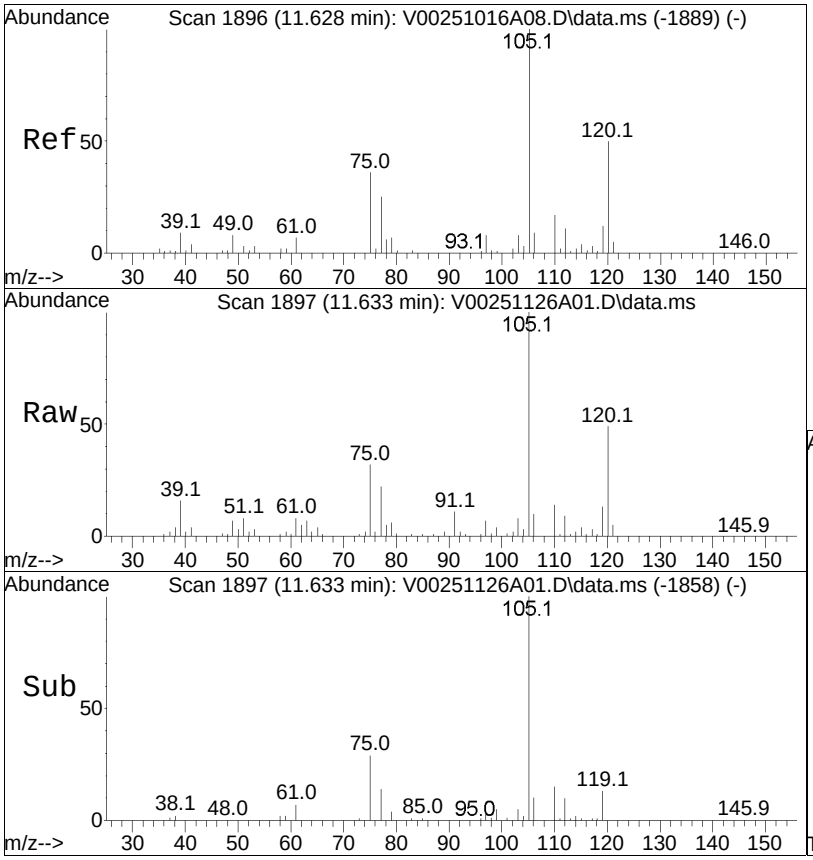


#91
1,3,5-Trimethylbenzene
Concen: 42.22 ug/L
RT: 11.643 min Scan# 1899
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:105 Resp: 983681

Ion	Ratio	Lower	Upper
105	100		
120	51.5	39.1	58.7

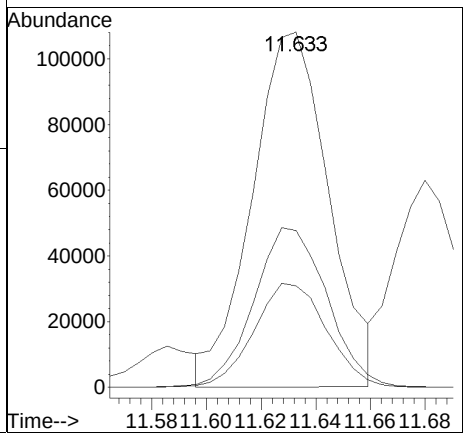


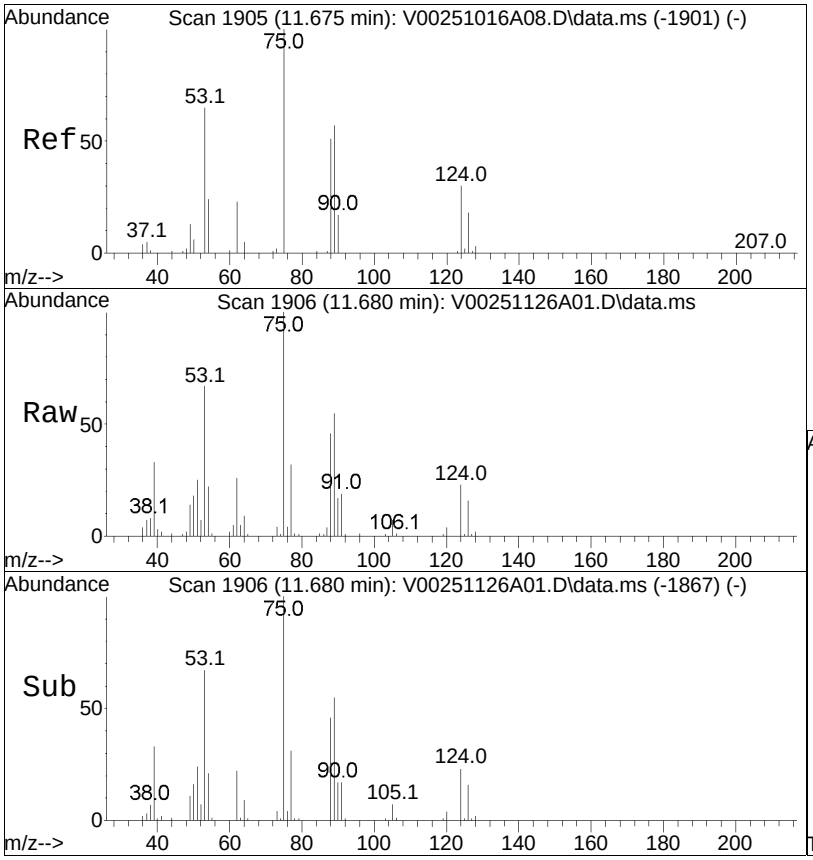


#92
1,2,3-Trichloropropane
Concen: 39.52 ug/L
RT: 11.633 min Scan# 1897
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 75 Resp: 210654

Ion	Ratio	Lower	Upper
75	100		
110	43.2	24.5	50.9
112	28.0	15.3	31.9

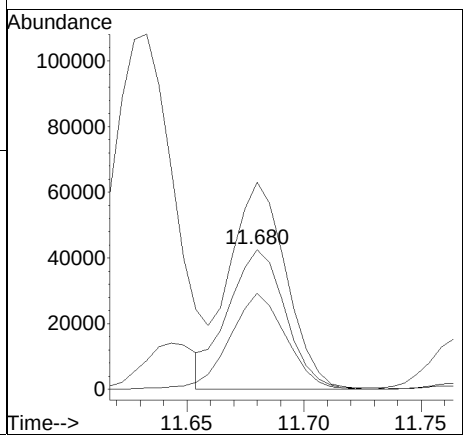


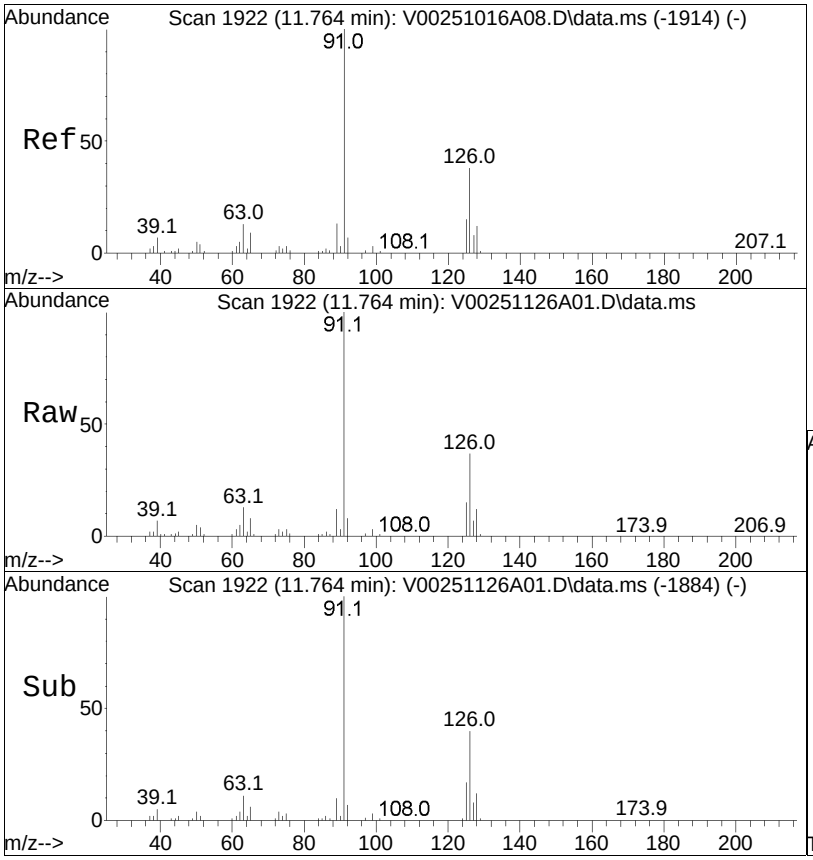


#93
trans-1,4-Dichloro-2-butene
Concen: 41.22 ug/L
RT: 11.680 min Scan# 1906
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 53 Resp: 72911

Ion	Ratio	Lower	Upper
53	100		
88	67.4	44.2	66.4#
75	141.5	100.8	151.2

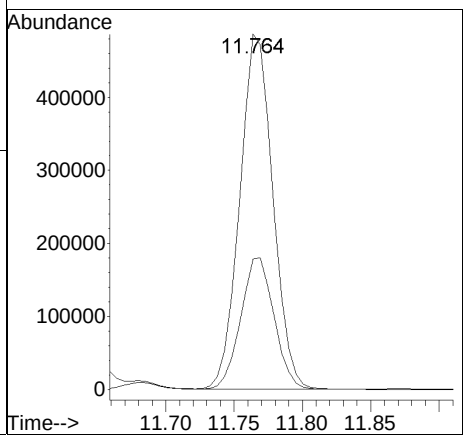


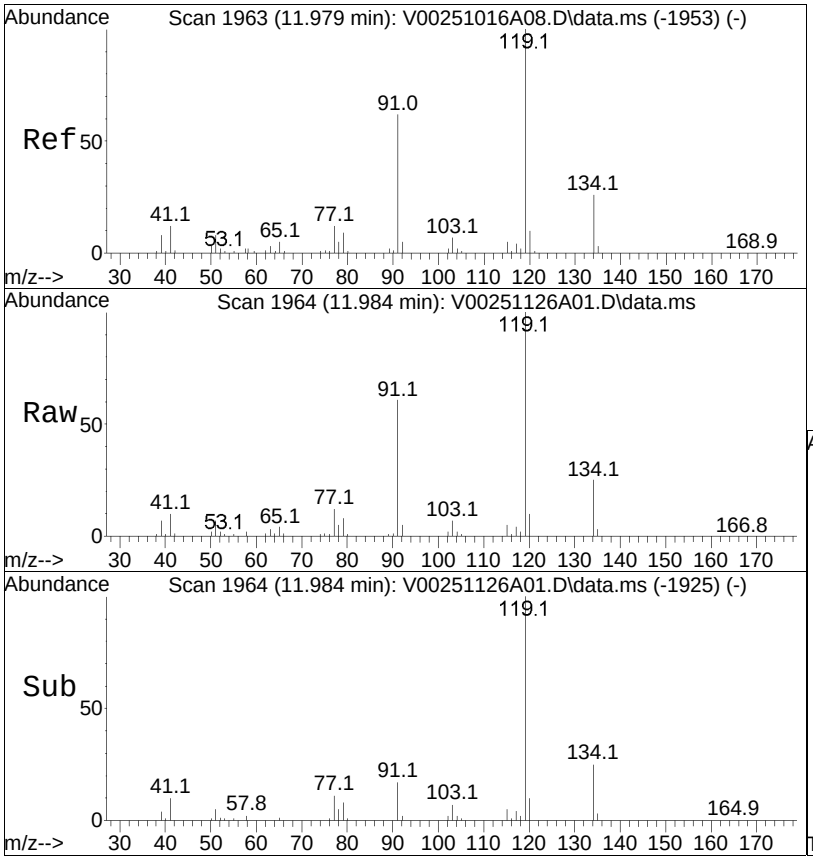


#94
4-Chlorotoluene
Concen: 42.09 ug/L
RT: 11.764 min Scan# 1922
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 91 Resp: 818746

Ion	Ratio	Lower	Upper
91	100		
126	37.5	27.3	40.9

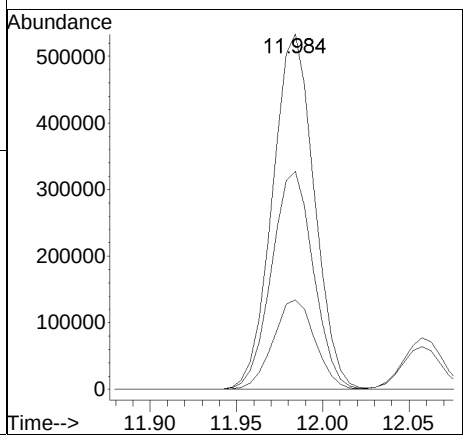


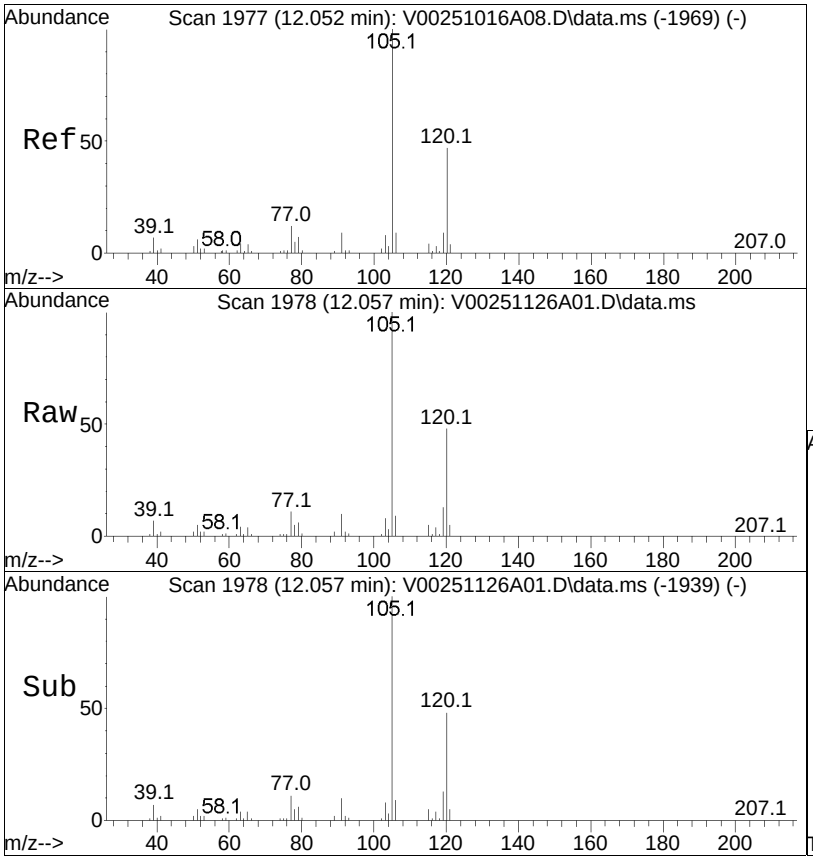


#95
tert-Butylbenzene
Concen: 43.69 ug/L
RT: 11.984 min Scan# 1964
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:119 Resp: 900230

Ion	Ratio	Lower	Upper
119	100		
91	61.5	54.8	82.2
134	25.3	20.6	30.8

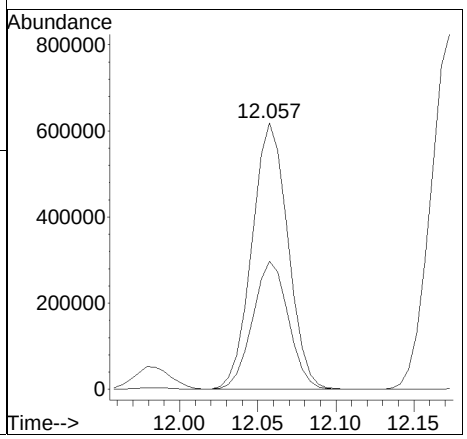


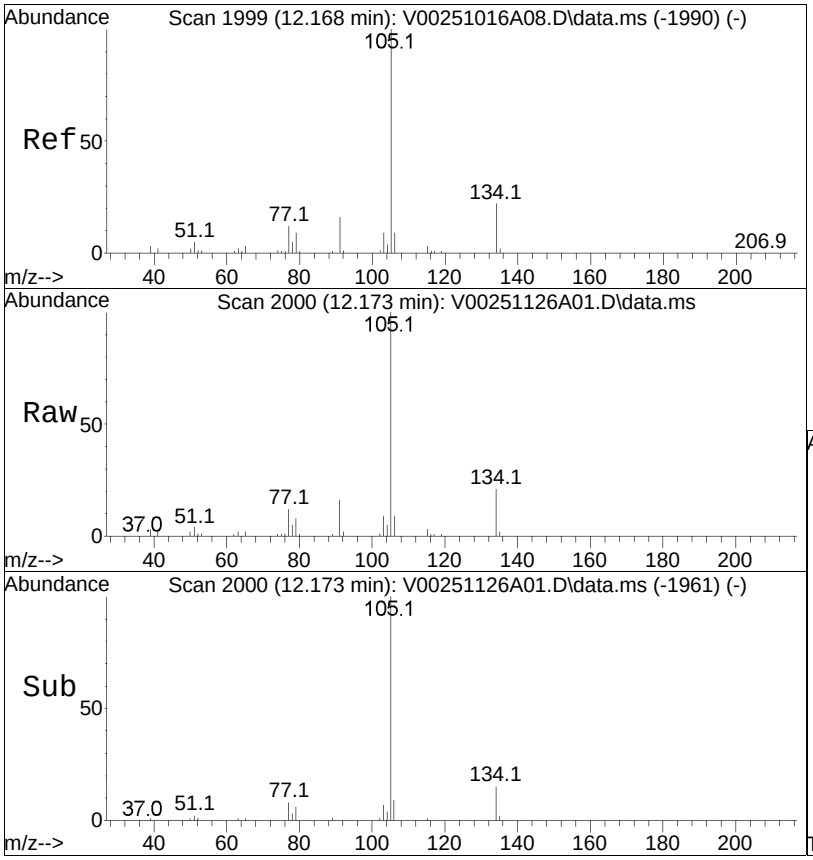


#98
1,2,4-Trimethylbenzene
Concen: 43.20 ug/L
RT: 12.057 min Scan# 1978
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:105 Resp: 990194

Ion	Ratio	Lower	Upper
105	100		
120	48.0	37.1	55.7

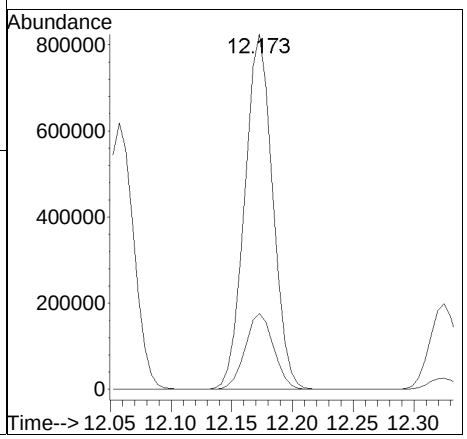


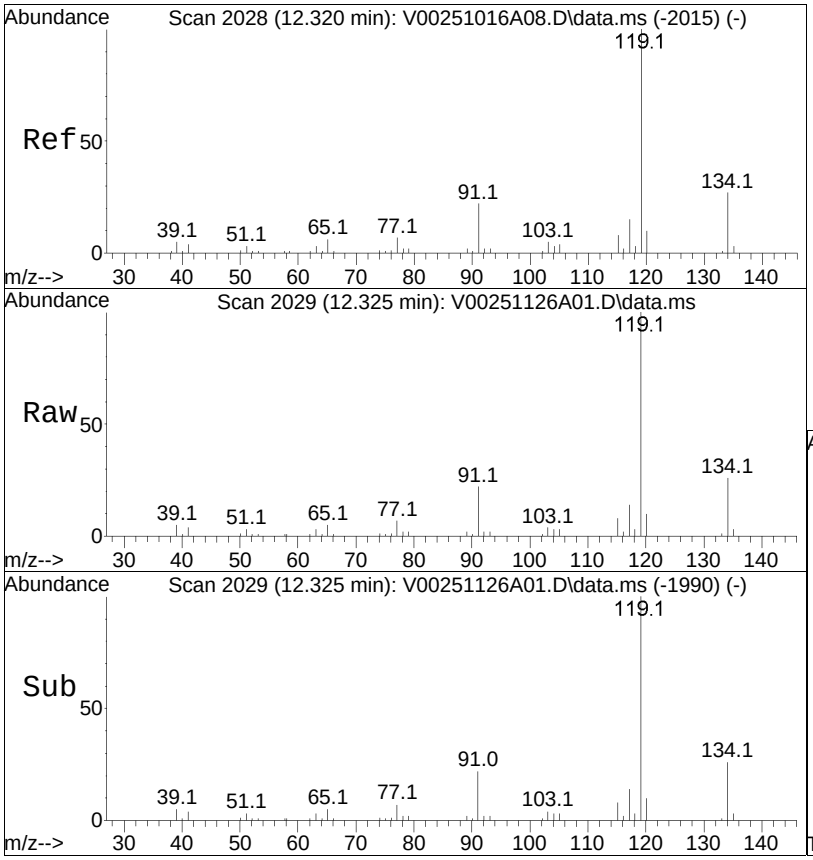


#99
sec-Butylbenzene
Concen: 43.47 ug/L
RT: 12.173 min Scan# 2000
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:105 Resp: 1318783

Ion	Ratio	Lower	Upper
105	100		
134	21.8	13.5	27.9

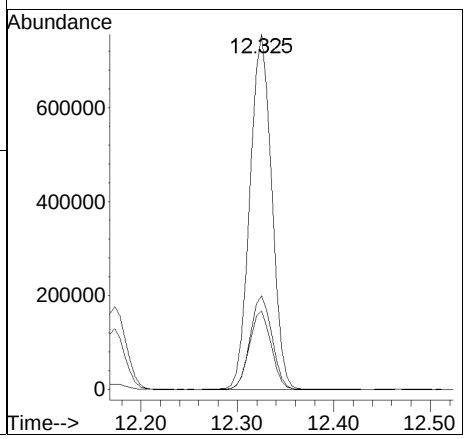


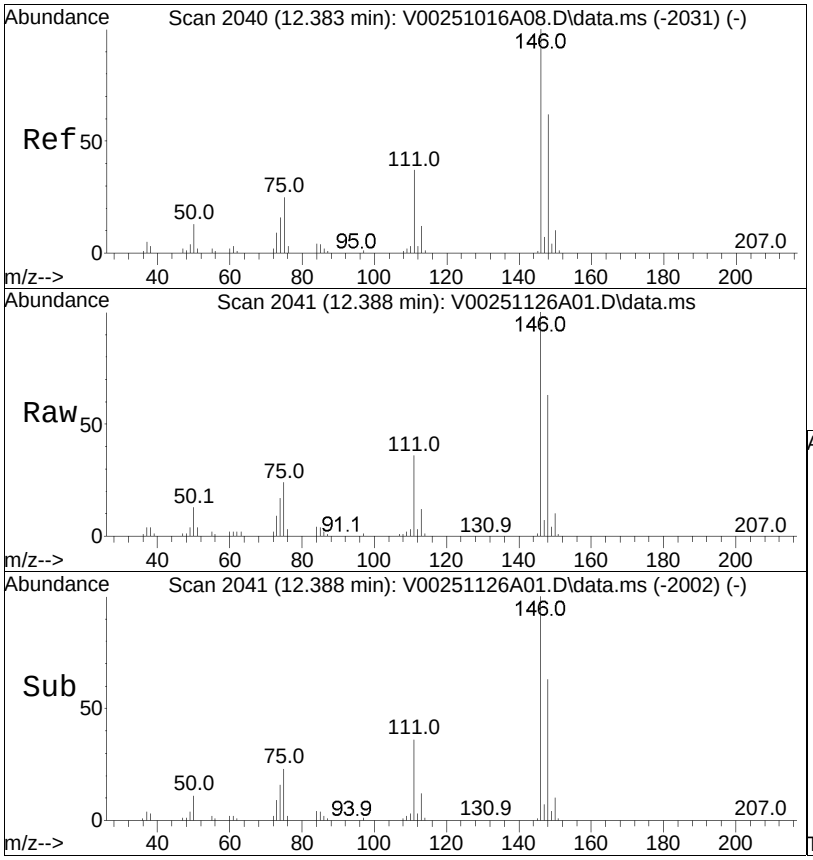


#100
p-Isopropyltoluene
Concen: 44.31 ug/L
RT: 12.325 min Scan# 2029
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:119 Resp: 1188648

Ion	Ratio	Lower	Upper
119	100		
134	26.4	17.4	36.0
91	22.1	15.8	32.8

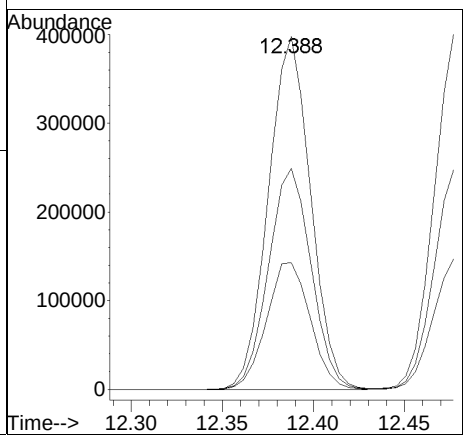


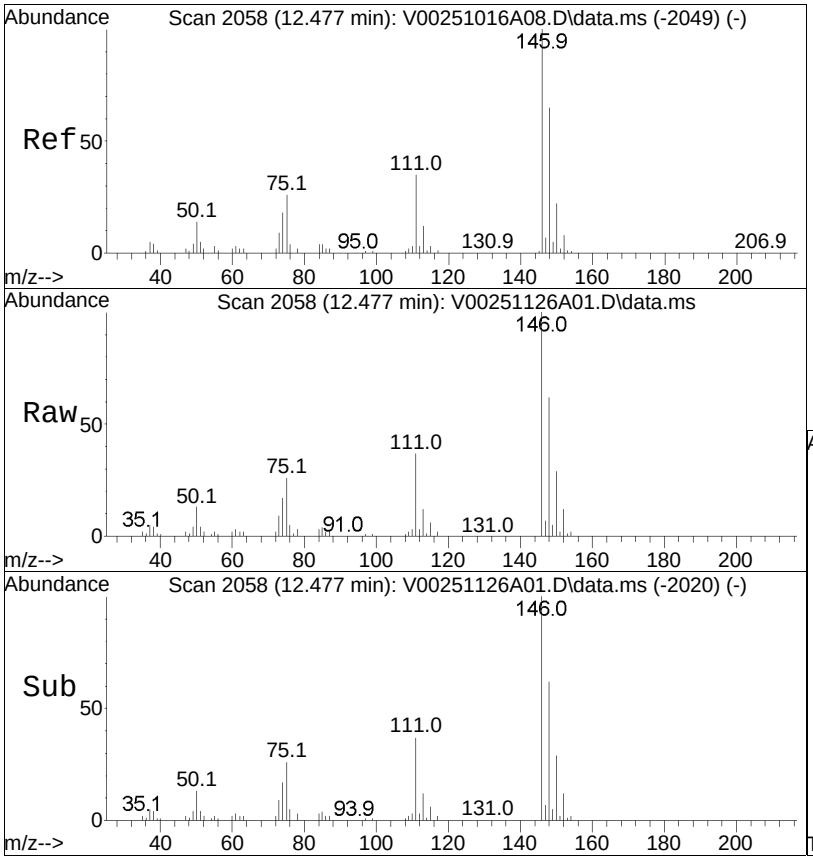


#101
1,3-Dichlorobenzene
Concen: 45.74 ug/L
RT: 12.388 min Scan# 2041
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:146 Resp: 641473

Ion	Ratio	Lower	Upper
146	100		
111	37.3	26.1	54.1
148	63.4	40.8	84.8

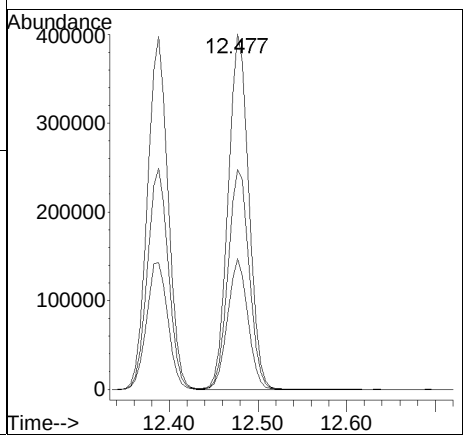


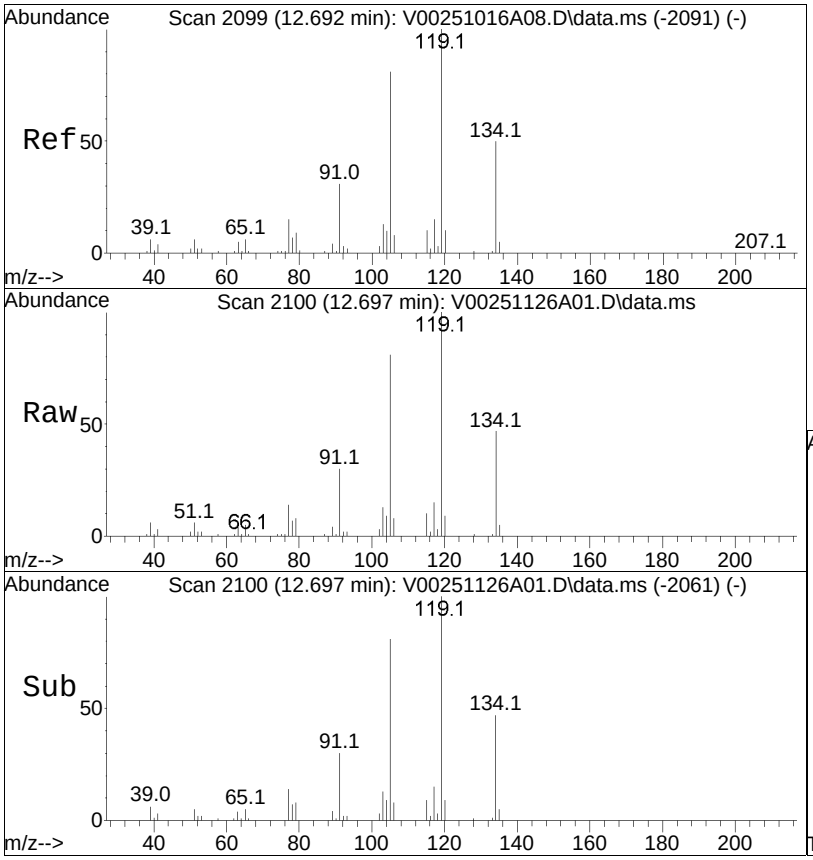


#102
1,4-Dichlorobenzene
Concen: 45.77 ug/L
RT: 12.477 min Scan# 2058
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:146 Resp: 648991

Ion	Ratio	Lower	Upper
146	100		
111	36.1	32.1	48.1
148	63.1	50.6	75.8

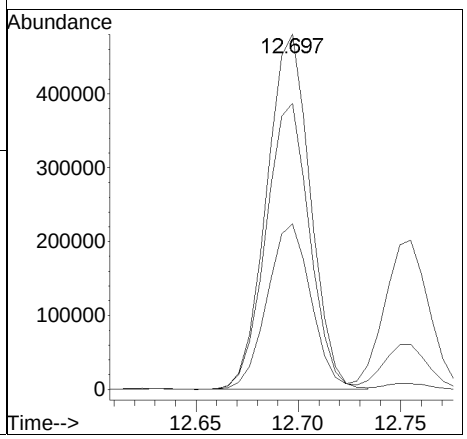


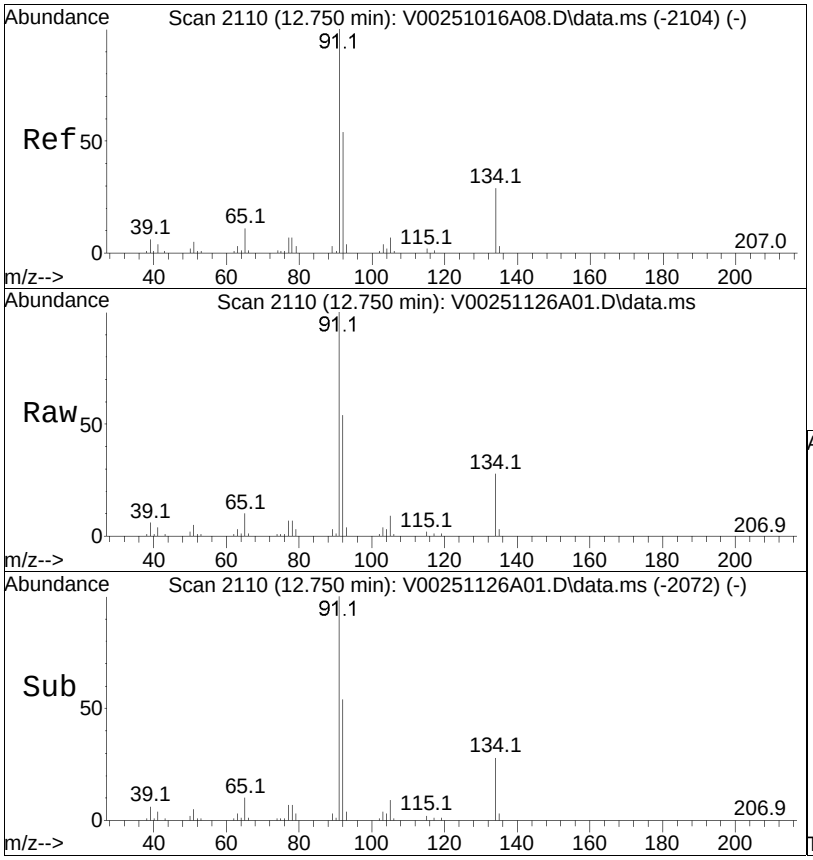


#103
p-Diethylbenzene
Concen: 44.27 ug/L
RT: 12.697 min Scan# 2100
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:119 Resp: 712843

Ion	Ratio	Lower	Upper
119	100		
105	80.7	56.4	117.0
134	46.7	30.4	63.0

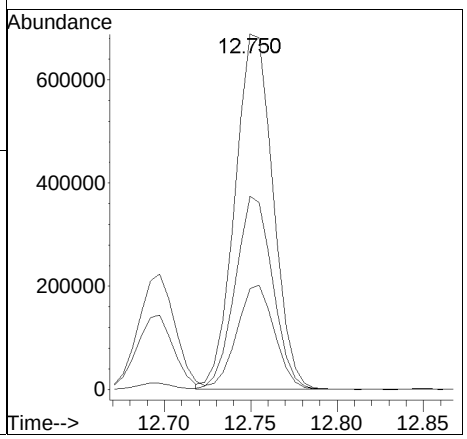


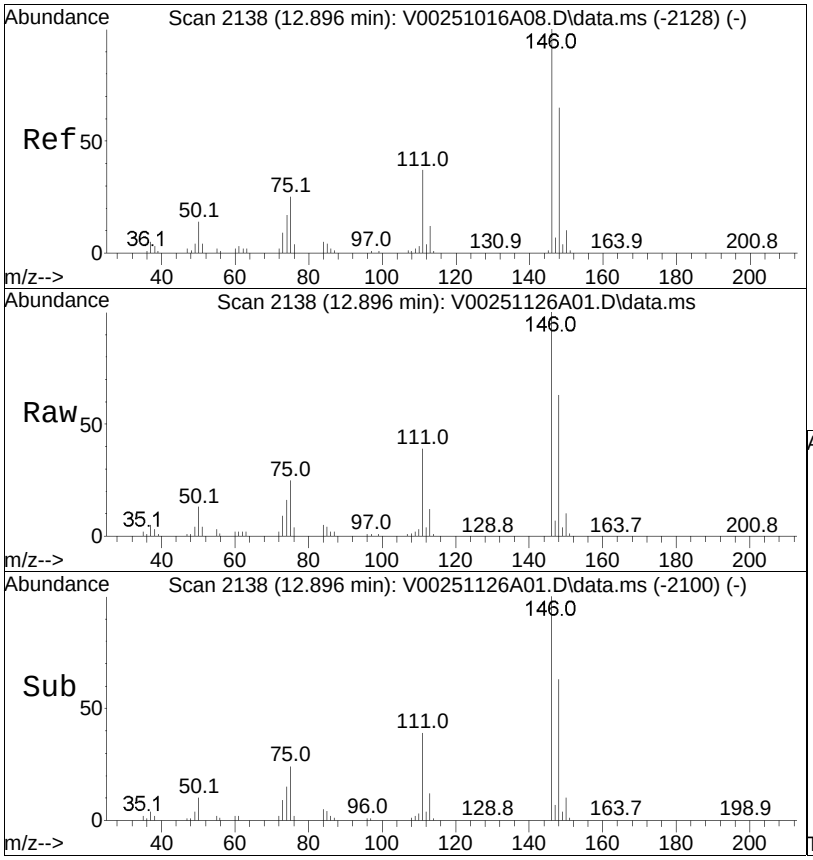


#104
n-Butylbenzene
Concen: 45.02 ug/L
RT: 12.750 min Scan# 2110
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 91 Resp: 1058008

Ion	Ratio	Lower	Upper
91	100		
92	53.6	43.7	65.5
134	29.0	21.5	32.3

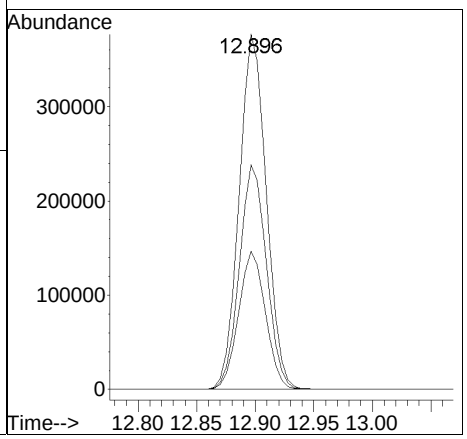


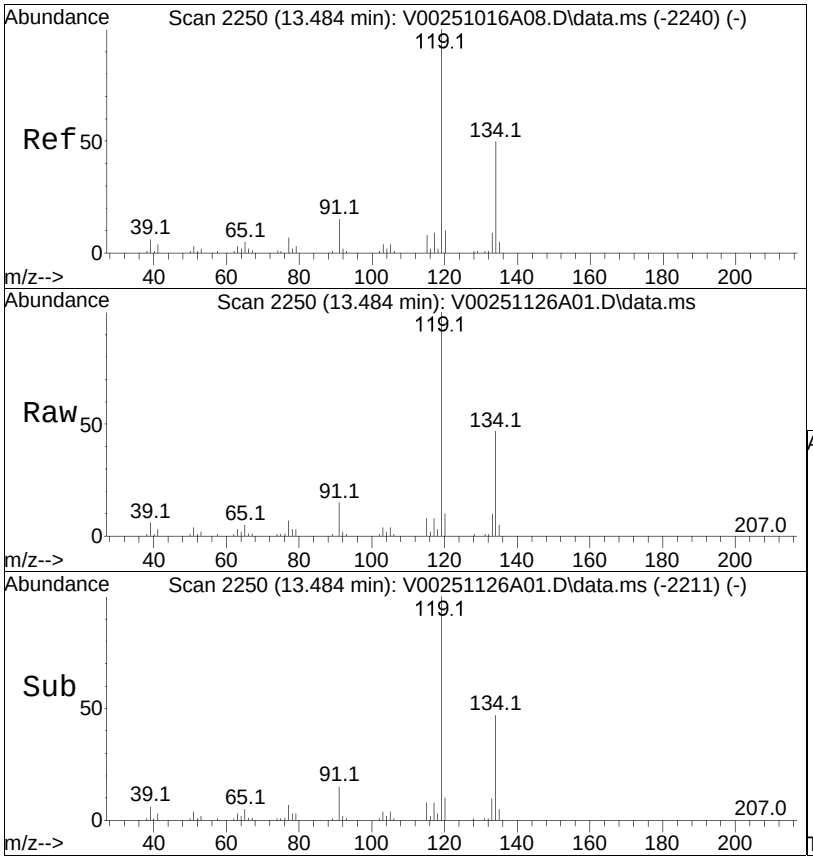


#105
1,2-Dichlorobenzene
Concen: 46.54 ug/L
RT: 12.896 min Scan# 2138
Delta R.T. -0.001 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:146 Resp: 608149

Ion	Ratio	Lower	Upper
146	100		
111	38.6	26.9	55.9
148	63.2	40.3	83.7

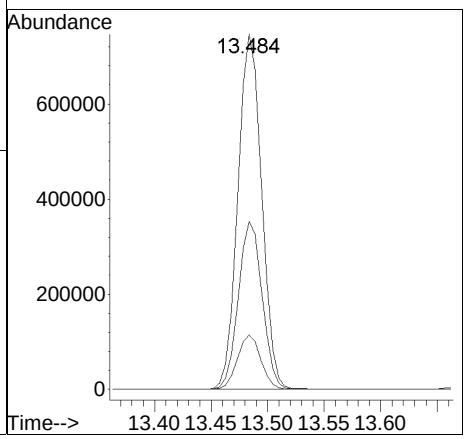


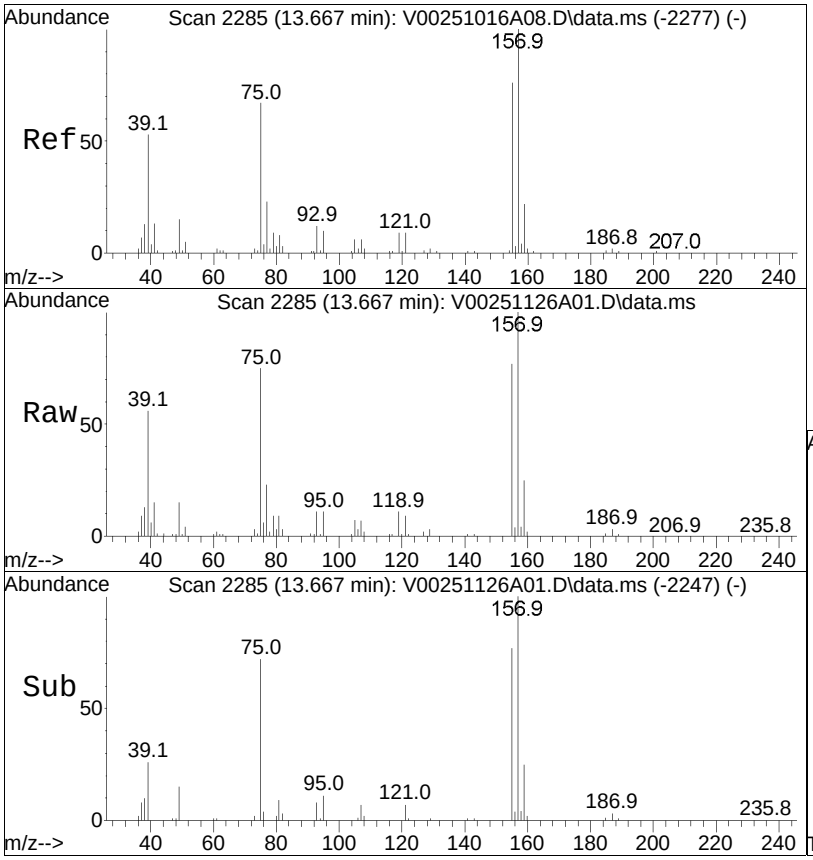


#106
1,2,4,5-Tetramethylbenzene
Concen: 45.21 ug/L
RT: 13.484 min Scan# 2250
Delta R.T. 0.006 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:119 Resp: 1093708

Ion	Ratio	Lower	Upper
119	100		
134	47.4	31.0	64.4
91	15.2	10.7	22.1

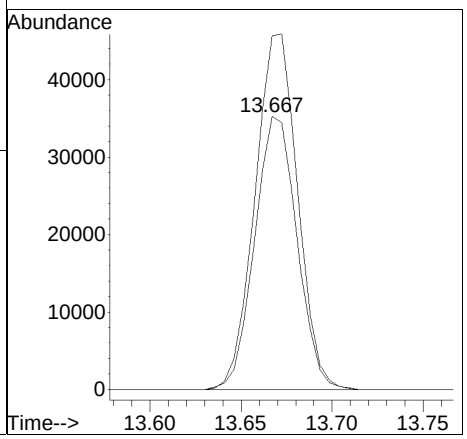


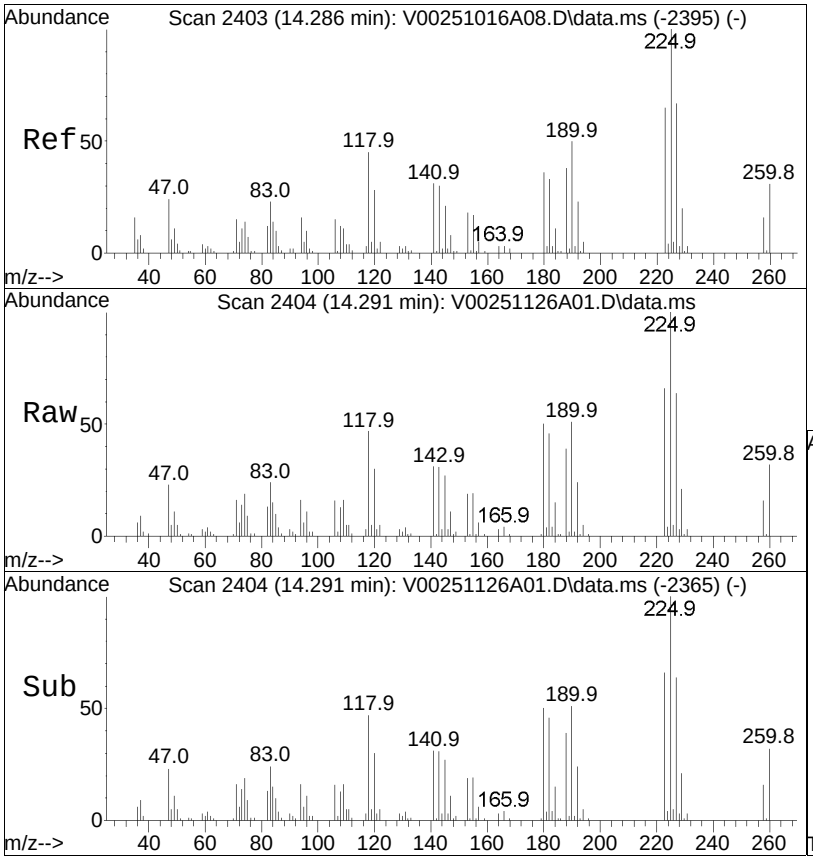


#107
1,2-Dibromo-3-chloropropane
Concen: 46.90 ug/L
RT: 13.667 min Scan# 2285
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:155 Resp: 56940

Ion	Ratio	Lower	Upper
155	100		
157	131.0	97.0	145.4

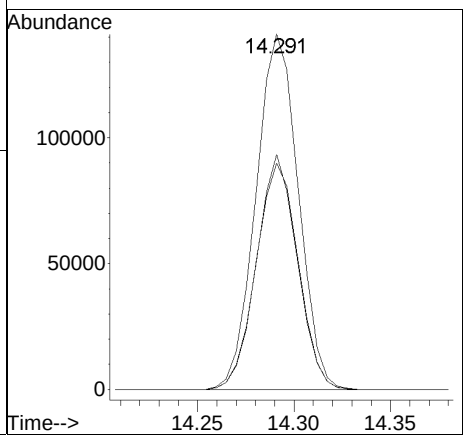


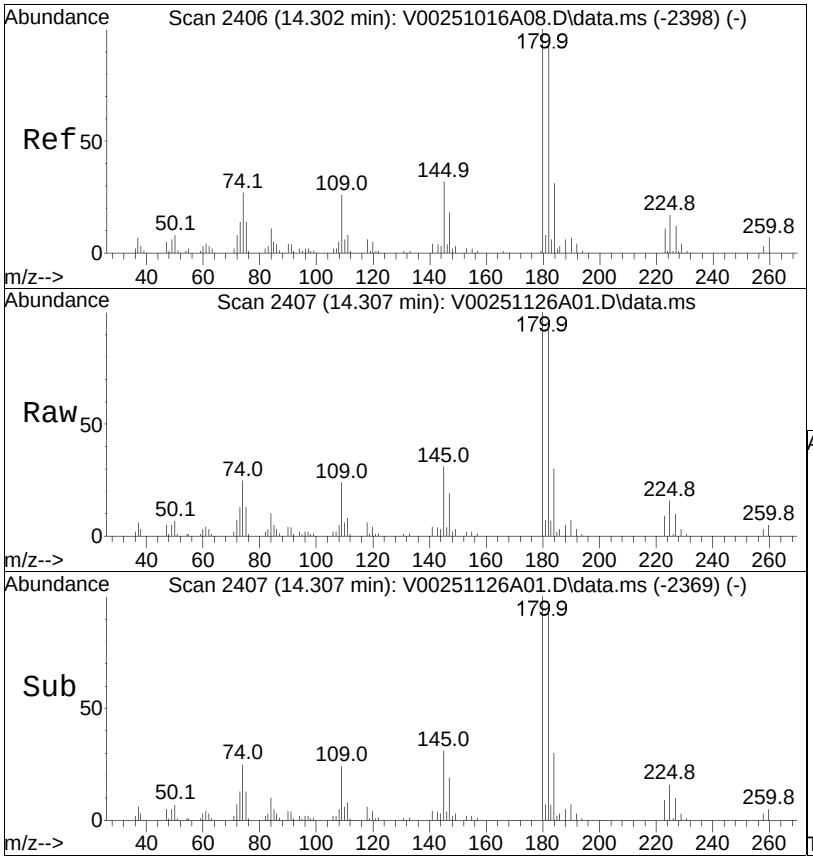


#109
Hexachlorobutadiene
Concen: 50.88 ug/L
RT: 14.291 min Scan# 2404
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:225 Resp: 215606

Ion	Ratio	Lower	Upper
225	100		
223	63.4	52.3	78.5
227	63.2	51.9	77.9

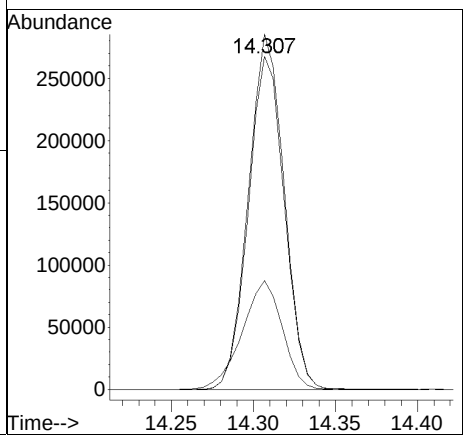


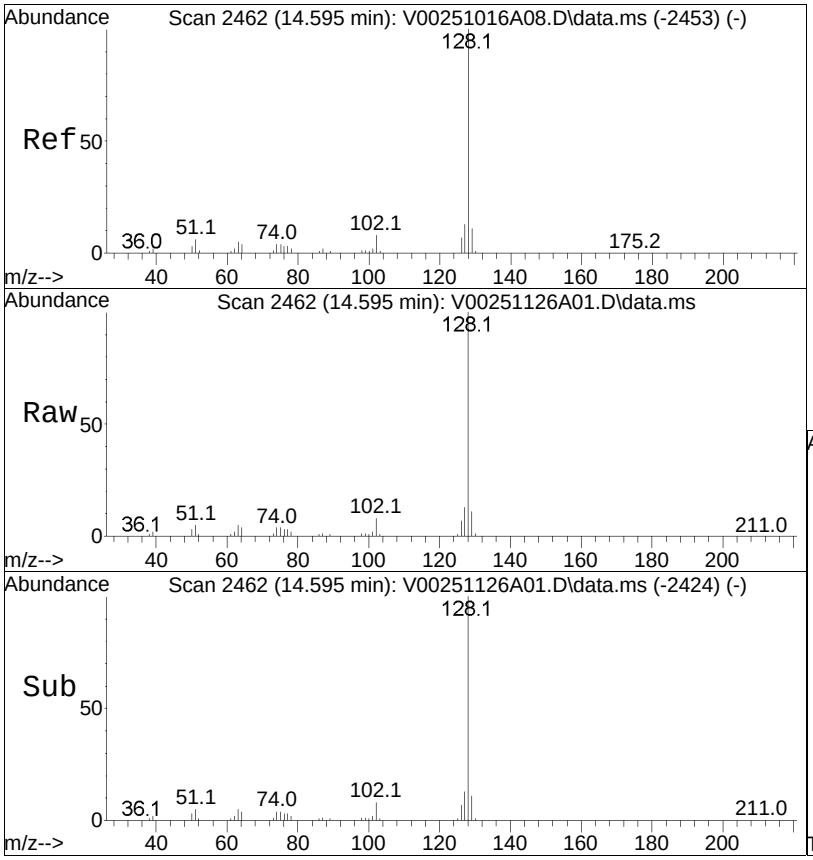


#110
1,2,4-Trichlorobenzene
Concen: 49.27 ug/L
RT: 14.307 min Scan# 2407
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:180 Resp: 432307

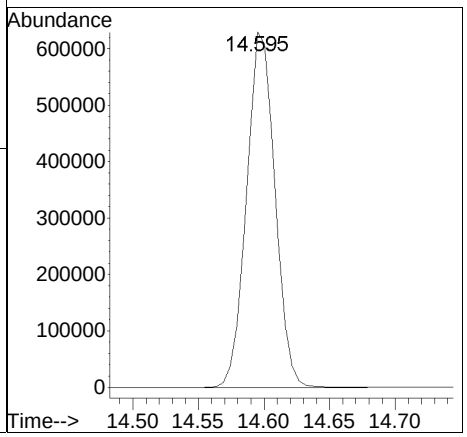
Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.8	113.6
145	34.4	29.2	43.8

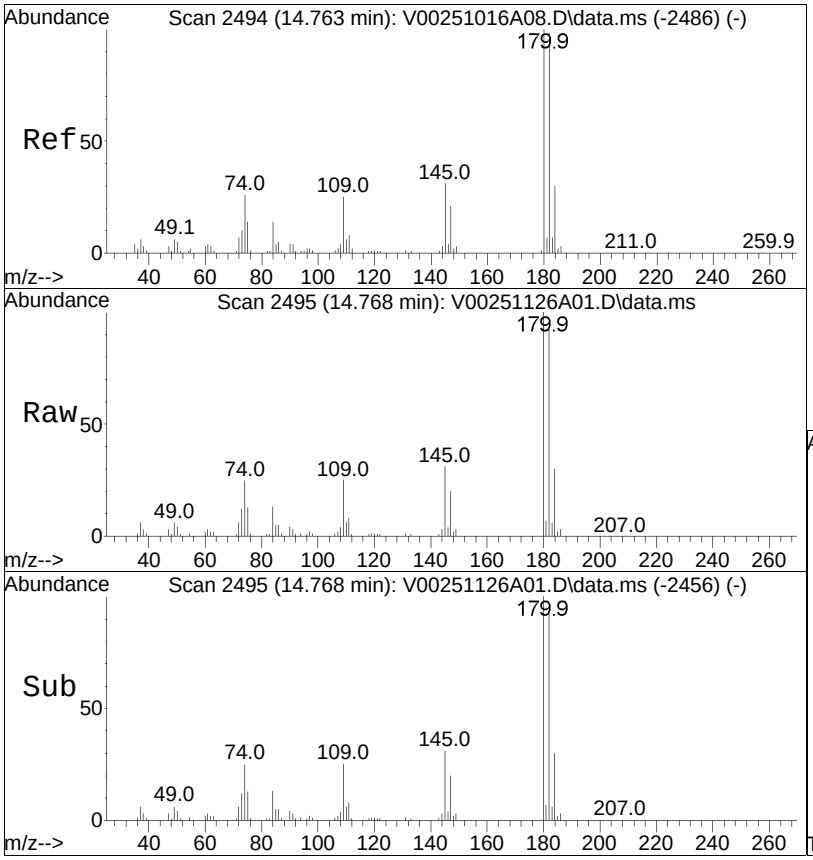




#111
Naphthalene
Concen: 46.07 ug/L
RT: 14.595 min Scan# 2462
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:128 Resp: 949086

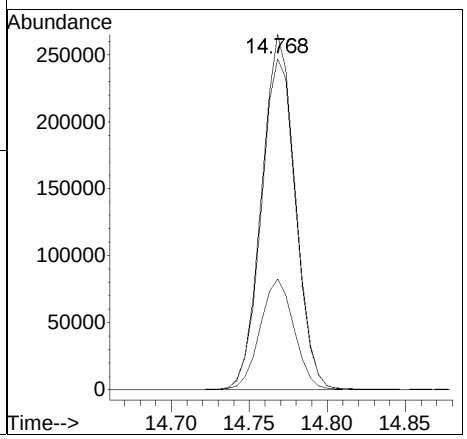




#112
1,2,3-Trichlorobenzene
Concen: 50.19 ug/L
RT: 14.768 min Scan# 2495
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:180 Resp: 396907

Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.4	113.2
145	31.3	24.0	36.0

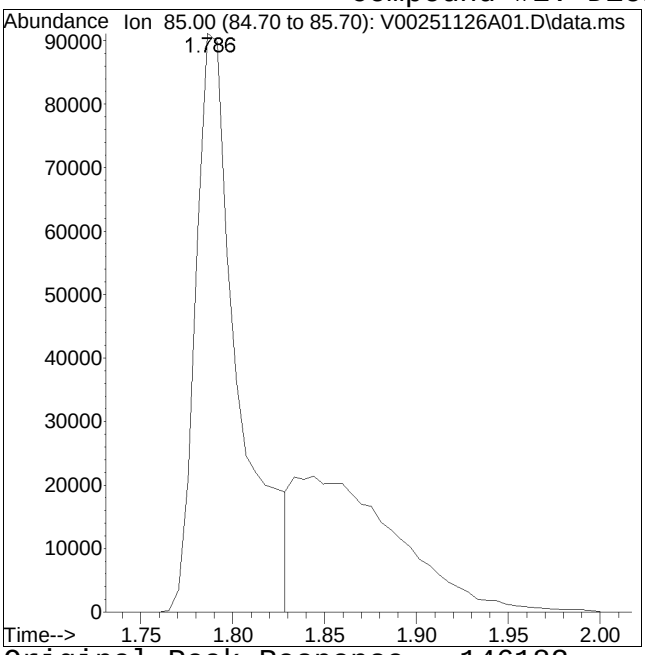


Manual Integration Report

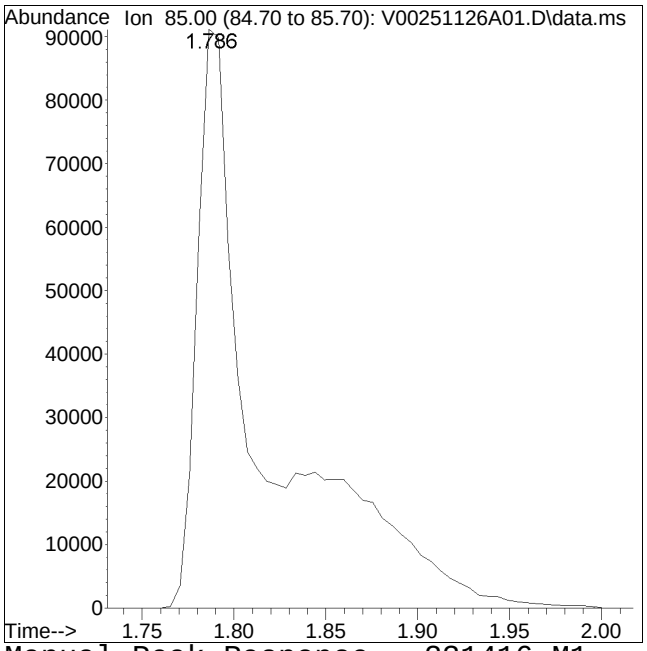
Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Date Inj'd : 11/26/2025 6:34 am
Sample : WG2146922-3,31,5,5

QMethod : V100_251024A_8260.m
Operator : VOA100:MNF
Instrument : VOA100
Quant Date : 11/26/2025 6:55 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 146182



Manual Peak Response = 231416 M1

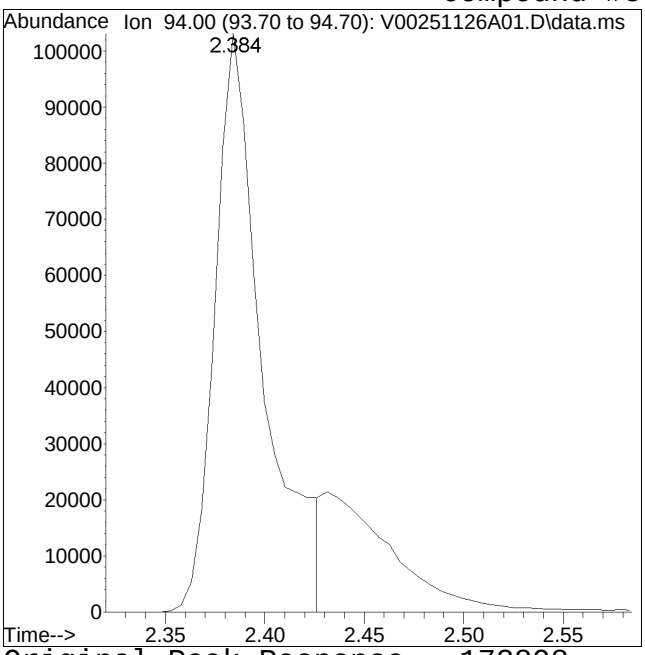
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

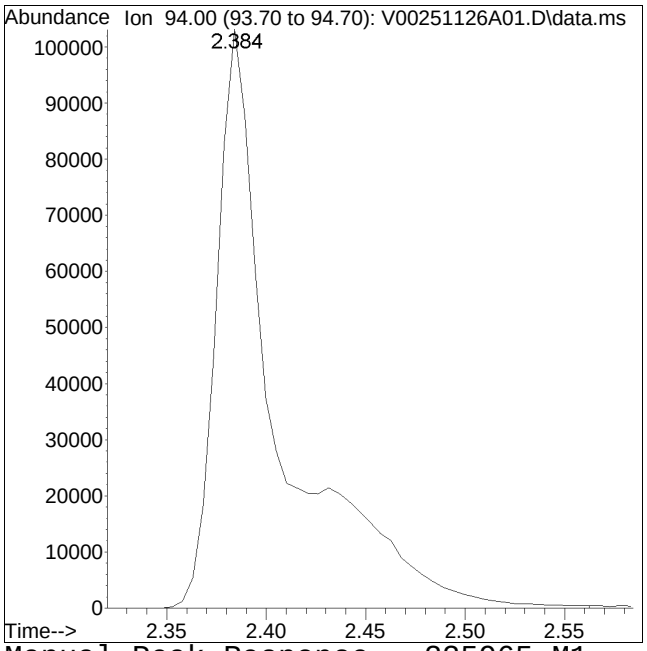
Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Date Inj'd : 11/26/2025 6:34 am
Sample : WG2146922-3,31,5,5

QMethod : V100_251024A_8260.m
Operator : VOA100:MNF
Instrument : VOA100
Quant Date : 11/26/2025 6:55 am

Compound #5: Bromomethane



Original Peak Response = 173898



Manual Peak Response = 225965 M1

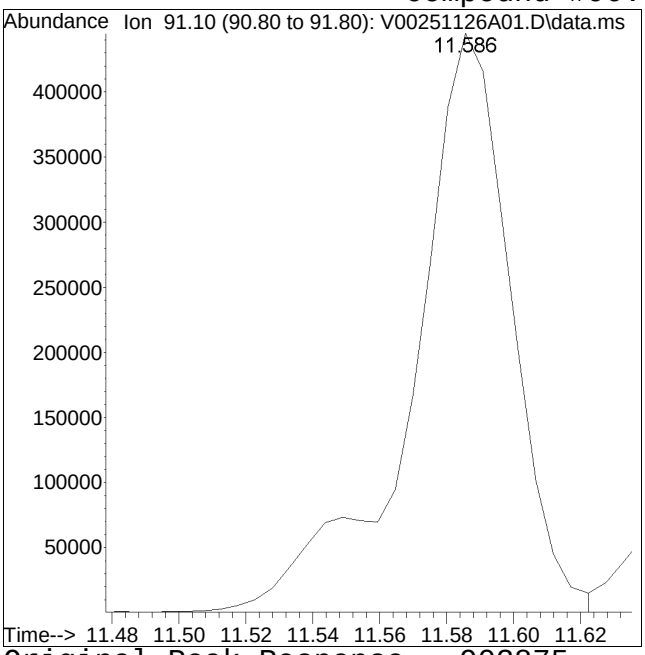
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

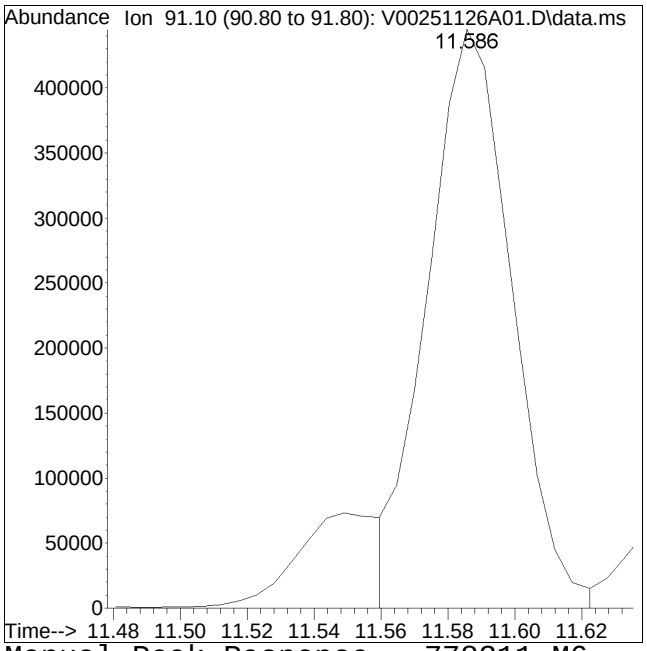
Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Date Inj'd : 11/26/2025 6:34 am
Sample : WG2146922-3,31,5,5

QMethod : V100_251024A_8260.m
Operator : VOA100:MNF
Instrument : VOA100
Quant Date : 11/26/2025 6:55 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 903875



Manual Peak Response = 778311 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146952-3,31H,5,5,0.100
Misc : WG2146952,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.232	96	378260	20.000	ug/L	0.00
Standard Area 1 = 378260			Recovery = 100.00%			
60) Chlorobenzene-d5	9.798	117	324241	20.000	ug/L	0.00
Standard Area 1 = 324241			Recovery = 100.00%			
80) 1,4-Dichlorobenzene-d4	12.461	152	197845	20.000	ug/L	0.00
Standard Area 1 = 197845			Recovery = 100.00%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.415	113	108944	18.945	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.73%			
44) 1,2-Dichloroethane-d4	5.944	65	94843	18.241	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.20%			
61) Toluene-d8	7.942	98	386331	19.714	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.57%			
84) 4-Bromofluorobenzene	11.266	95	143241	18.739	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.786	85	231416M1	40.672	ug/L	
3) Chloromethane	2.022	50	200774	31.836	ug/L	97
4) Vinyl chloride	2.059	62	249373	28.603	ug/L	82
5) Bromomethane	2.384	94	225965M1	26.903	ug/L	
6) Chloroethane	2.510	64	185826	26.658	ug/L	85
7) Trichlorofluoromethane	2.651	101	408475	42.431	ug/L	98
8) Ethyl ether	2.956	74	122401	37.124	ug/L	86
10) 1,1-Dichloroethene	3.155	96	207340	40.476	ug/L #	74
11) Carbon disulfide	3.191	76	716925	39.483	ug/L	99
15) Methylene chloride	3.711	84	235410	37.971	ug/L	96
17) Acetone	3.732	43	75908	26.711	ug/L	91
18) trans-1,2-Dichloroethene	3.868	96	231872	38.391	ug/L	84
20) Methyl tert-butyl ether	3.962	73	640736	39.438	ug/L	97
23) 1,1-Dichloroethane	4.450	63	375397	35.944	ug/L	98
25) Acrylonitrile	4.476	53	60784	38.350	ug/L #	91
27) Vinyl acetate	4.675	43	484270	40.220	ug/L	97
28) cis-1,2-Dichloroethene	4.974	96	255835	38.667	ug/L	85
29) 2,2-Dichloropropane	5.079	77	350179	40.699	ug/L	97
31) Bromochloromethane	5.163	128	133150	40.486	ug/L	91
33) Chloroform	5.236	83	436251	38.762	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146952-3,31H,5,5,0.100
Misc : WG2146952,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
35) Carbon tetrachloride	5.394	117	368647	45.325	ug/L		98
38) 1,1,1-Trichloroethane	5.451	97	377434	44.322	ug/L		93
40) 2-Butanone	5.514	43	70714	33.407	ug/L		94
41) 1,1-Dichloropropene	5.572	75	291083	42.590	ug/L		96
42) Benzene	5.818	78	838807	37.913	ug/L		98
45) 1,2-Dichloroethane	6.012	62	273400	38.434	ug/L		98
49) Trichloroethene	6.421	95	243767	39.713	ug/L		91
51) Dibromomethane	6.856	93	151062	39.315	ug/L		89
52) 1,2-Dichloropropane	6.956	63	204354	35.680	ug/L		94
55) Bromodichloromethane	7.029	83	333920	39.267	ug/L		99
58) 1,4-Dioxane	7.234	88	106429	2214.490	ug/L		87
59) cis-1,3-Dichloropropene	7.727	75	366401	38.967	ug/L	#	92
62) Toluene	8.005	92	559356	42.922	ug/L		100
63) 4-Methyl-2-pentanone	8.414	58	63490	40.442	ug/L	#	57
64) Tetrachloroethene	8.461	166	280135	50.155	ug/L		95
66) trans-1,3-Dichloropropene	8.471	75	342222	43.823	ug/L		98
69) 1,1,2-Trichloroethane	8.660	83	164498	41.739	ug/L		97
70) Chlorodibromomethane	8.880	129	288938	47.796	ug/L		99
71) 1,3-Dichloropropane	8.985	76	320005	42.298	ug/L		99
72) 1,2-Dibromoethane	9.158	107	220027	47.170	ug/L		99
73) 2-Hexanone	9.431	43	117409	39.051	ug/L	#	82
74) Chlorobenzene	9.819	112	683066	43.643	ug/L		93
75) Ethylbenzene	9.861	91	1115995	43.544	ug/L		98
76) 1,1,1,2-Tetrachloroethane	9.903	131	267607	48.112	ug/L		99
77) p/m Xylene	10.049	106	900883	87.641	ug/L		95
78) o Xylene	10.574	106	886946	86.936	ug/L		95
79) Styrene	10.637	104	1497867	85.419	ug/L		95
81) Bromoform	10.658	173	213386	45.672	ug/L		99
83) Isopropylbenzene	10.951	105	1188063	43.283	ug/L		97
85) Bromobenzene	11.376	156	312263	44.305	ug/L		99
86) n-Propylbenzene	11.423	91	1343905	40.580	ug/L		96
88) 1,1,2,2-Tetrachloroethane	11.491	83	275867	40.766	ug/L		97
89) 4-Ethyltoluene	11.549	105	1135811	42.035	ug/L		97
90) 2-Chlorotoluene	11.586	91	778311M6	41.359	ug/L		
91) 1,3,5-Trimethylbenzene	11.643	105	983681	42.221	ug/L		96
92) 1,2,3-Trichloropropane	11.633	75	210654	39.516	ug/L		91
93) trans-1,4-Dichloro-2-b...	11.680	53	72911	41.217	ug/L	#	85
94) 4-Chlorotoluene	11.764	91	818746	42.095	ug/L		94
95) tert-Butylbenzene	11.984	119	900230	43.695	ug/L		93

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146952-3,31H,5,5,0.100
Misc : WG2146952,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
98)	1,2,4-Trimethylbenzene	12.057	105	990194	43.205	ug/L	98
99)	sec-Butylbenzene	12.173	105	1318783	43.469	ug/L	98
100)	p-Isopropyltoluene	12.325	119	1188648	44.312	ug/L	98
101)	1,3-Dichlorobenzene	12.388	146	641473	45.744	ug/L	98
102)	1,4-Dichlorobenzene	12.477	146	648991	45.773	ug/L	97
103)	p-Diethylbenzene	12.697	119	712843	44.271	ug/L	96
104)	n-Butylbenzene	12.750	91	1058008	45.020	ug/L	98
105)	1,2-Dichlorobenzene	12.896	146	608149	46.545	ug/L	97
106)	1,2,4,5-Tetramethylben...	13.484	119	1093708	45.212	ug/L	99
107)	1,2-Dibromo-3-chloropr...	13.667	155	56940	46.902	ug/L	91
109)	Hexachlorobutadiene	14.291	225	215606	50.878	ug/L	98
110)	1,2,4-Trichlorobenzene	14.307	180	432307	49.266	ug/L	99
111)	Naphthalene	14.595	128	949086	46.070	ug/L	100
112)	1,2,3-Trichlorobenzene	14.768	180	396907	50.195	ug/L	99

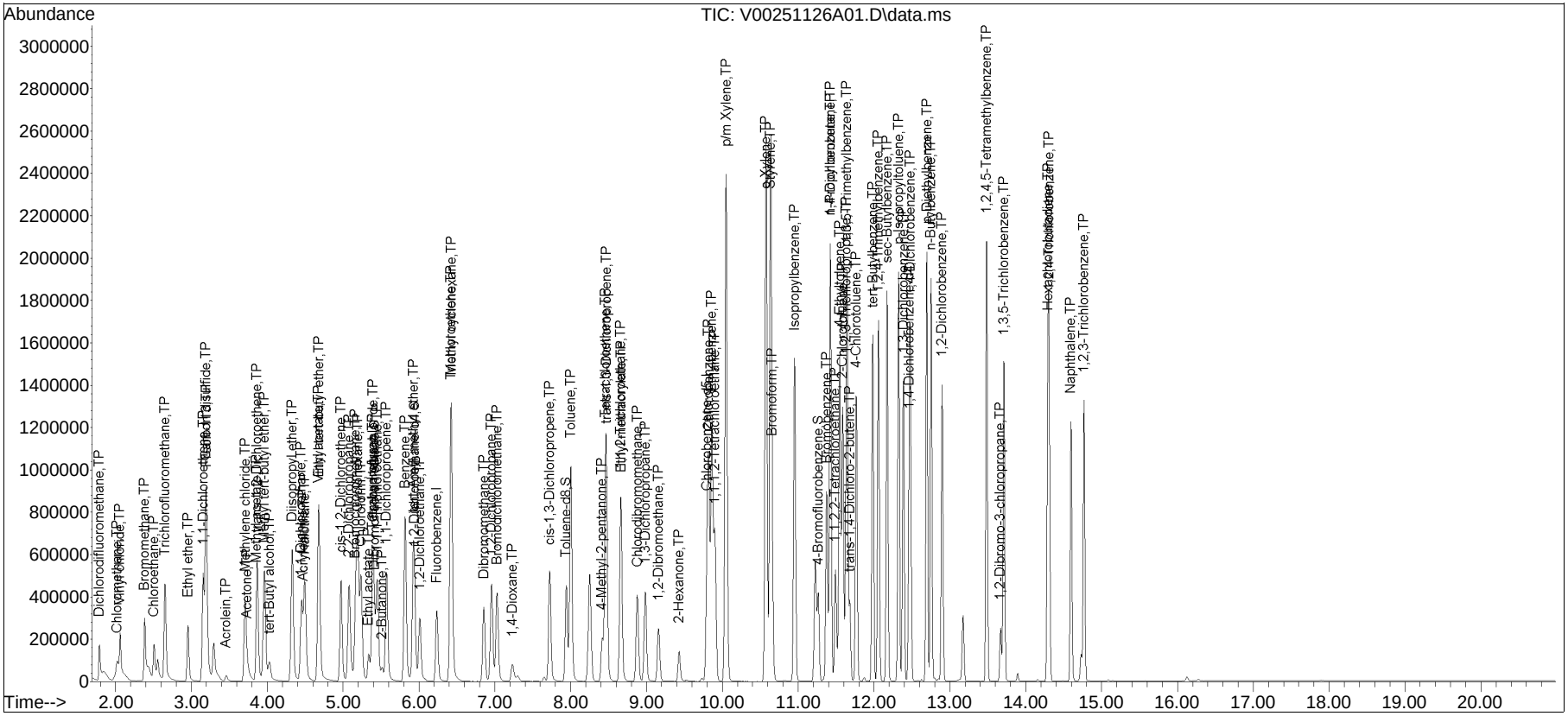
(#) = qualifier out of range (m) = manual integration (+) = signals summed

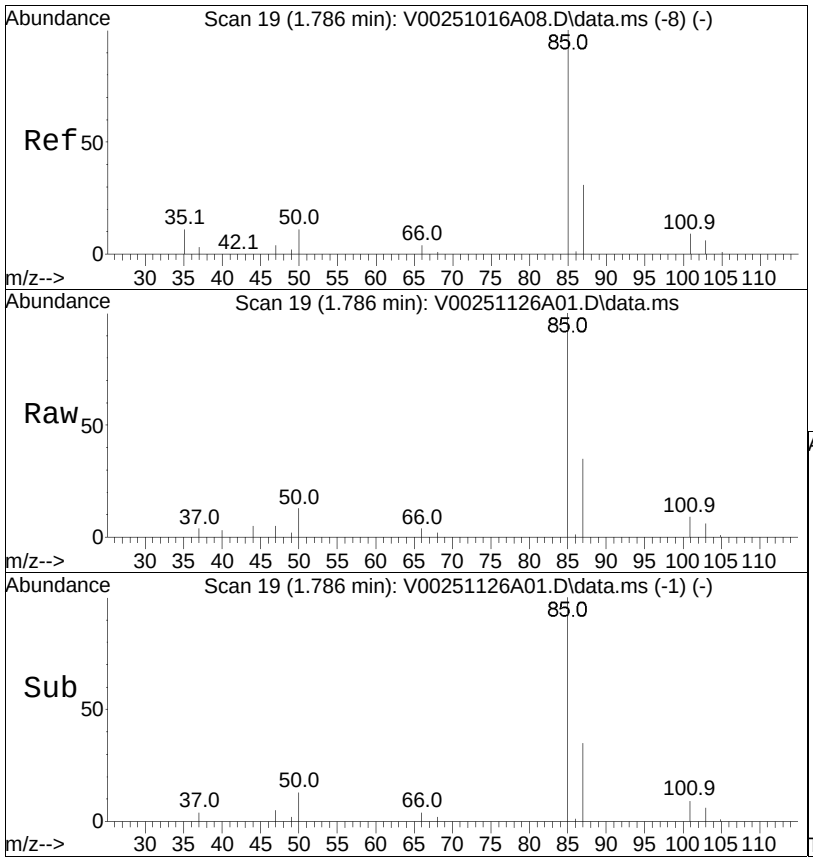
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A01.D
Acq On : 26 Nov 2025 06:34 am
Operator : VOA100:MNF
Sample : WG2146952-3,31H,5,5,0.100
Misc : WG2146952,ICAL22760
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 26 06:56:29 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

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

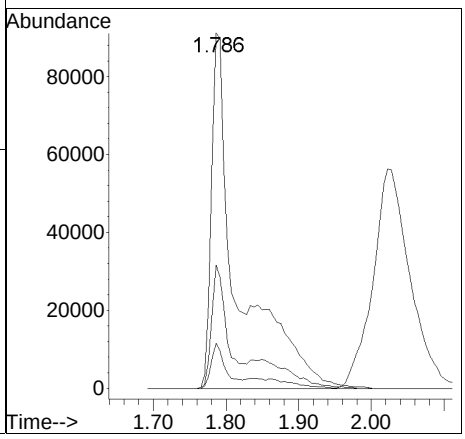


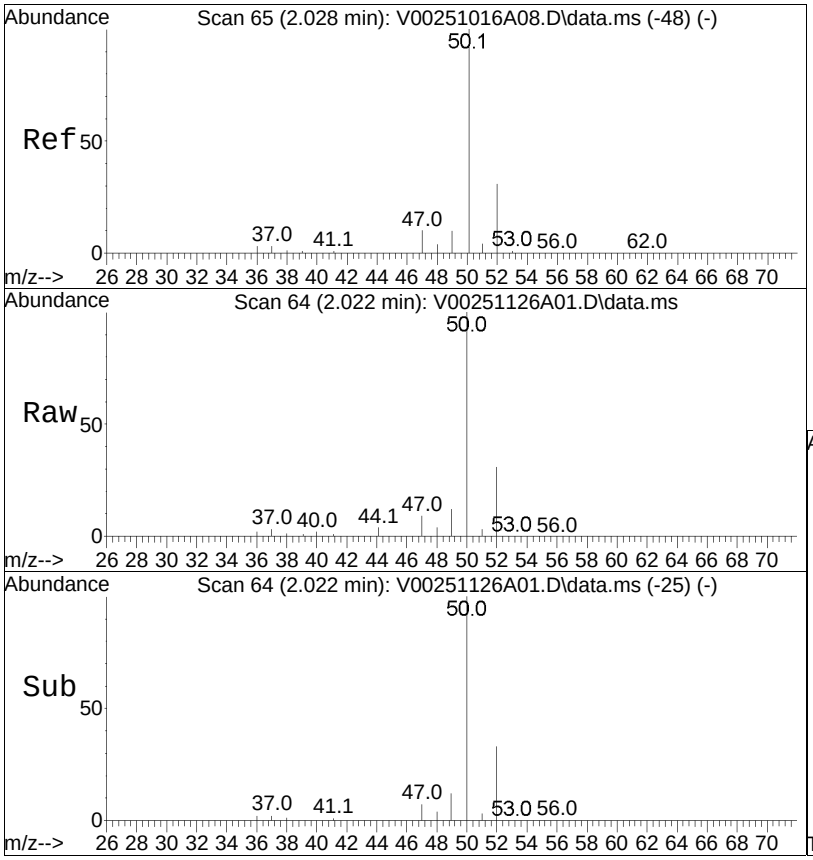


#2
Dichlorodifluoromethane
Concen: 40.67 ug/L M1
RT: 1.786 min Scan# 19
Delta R.T. -0.001 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 85 Resp: 231416

Ion	Ratio	Lower	Upper
85	100		
87	21.1	14.6	30.2
50	7.1	6.1	12.7

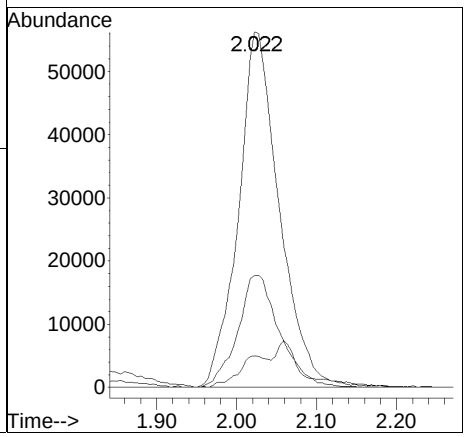


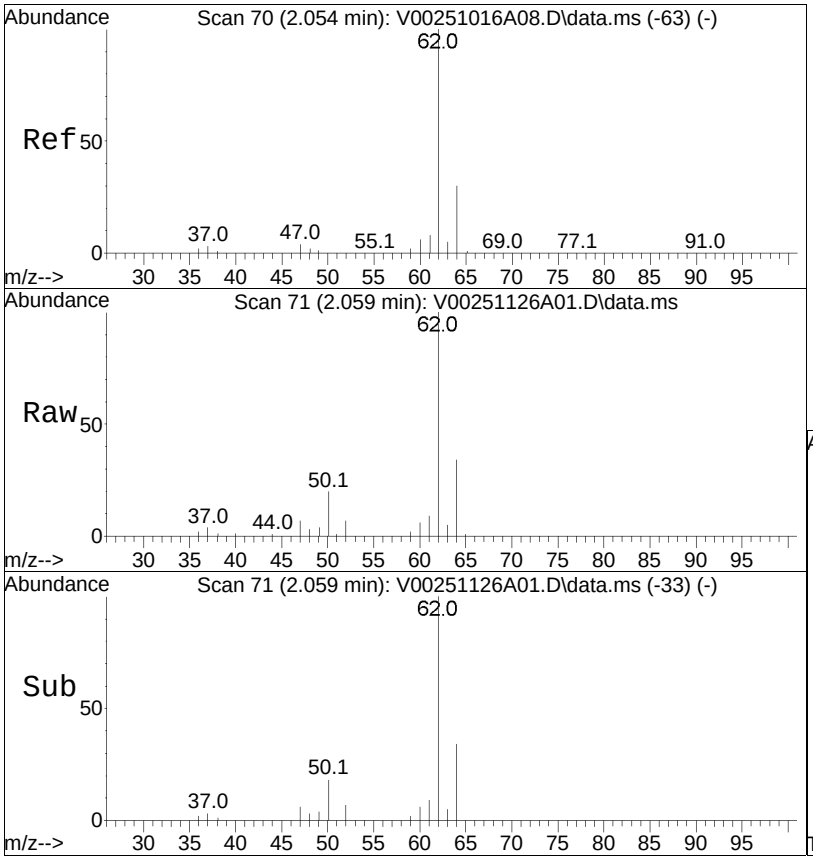


#3
Chloromethane
Concen: 31.84 ug/L
RT: 2.022 min Scan# 64
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 50 Resp: 200774

Ion	Ratio	Lower	Upper
50	100		
52	32.3	14.2	54.2
47	6.8	0.0	28.0

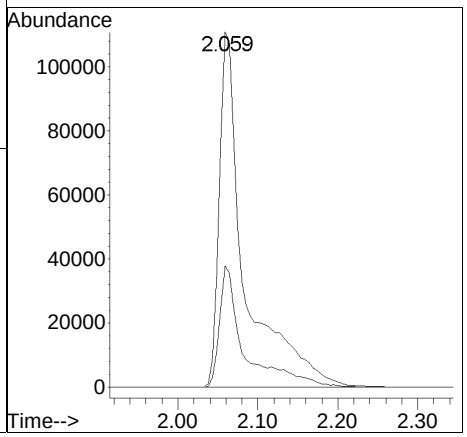


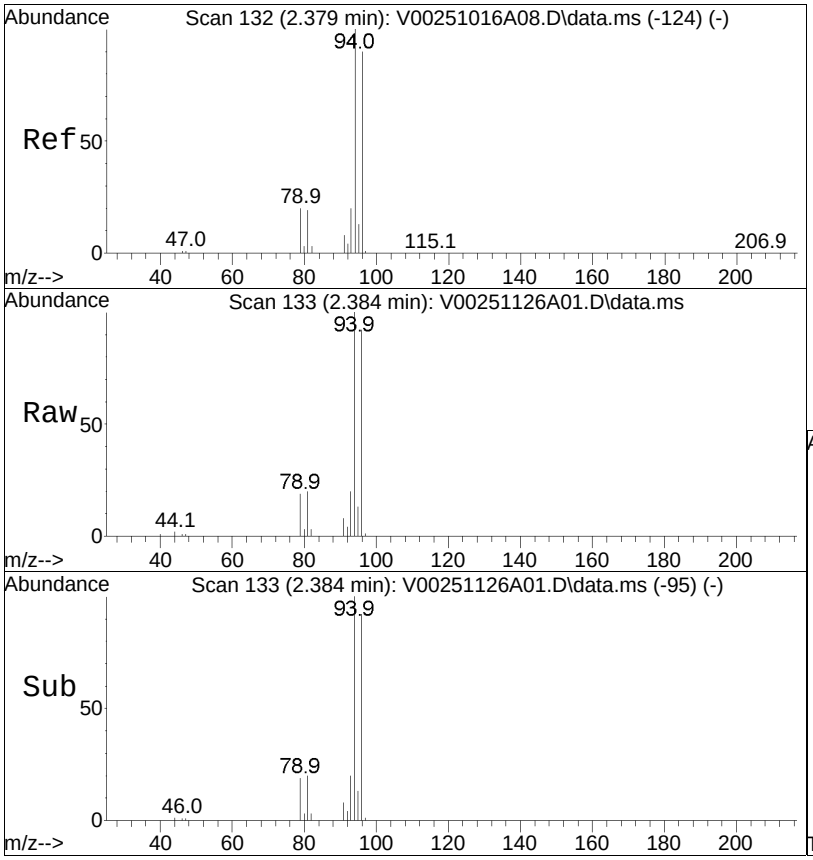


#4
Vinyl chloride
Concen: 28.60 ug/L
RT: 2.059 min Scan# 71
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 62 Resp: 249373

Ion	Ratio	Lower	Upper
62	100		
64	33.3	4.4	44.4

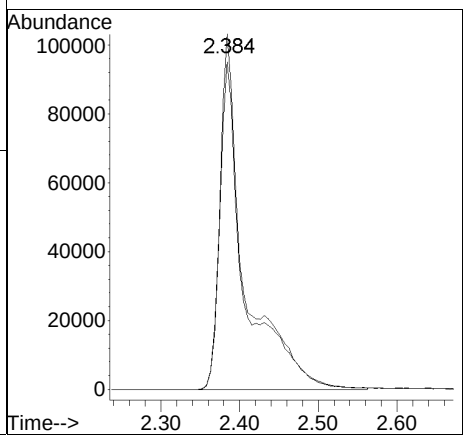


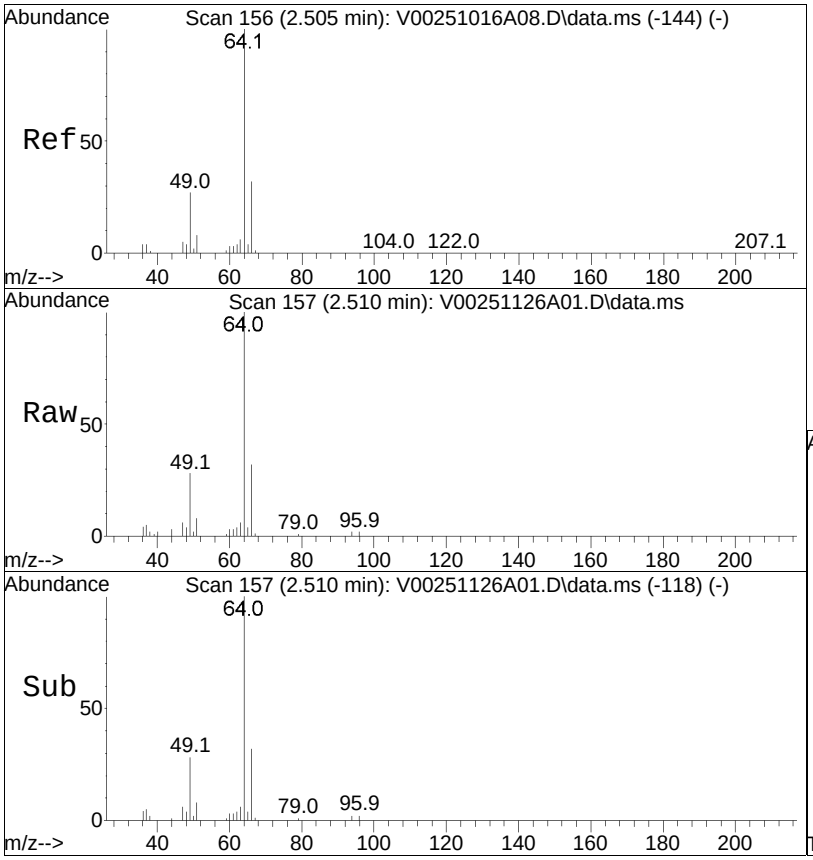


#5
Bromomethane
Concen: 26.90 ug/L M1
RT: 2.384 min Scan# 133
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 94 Resp: 225965

Ion	Ratio	Lower	Upper
94	100		
96	92.6	72.4	112.4

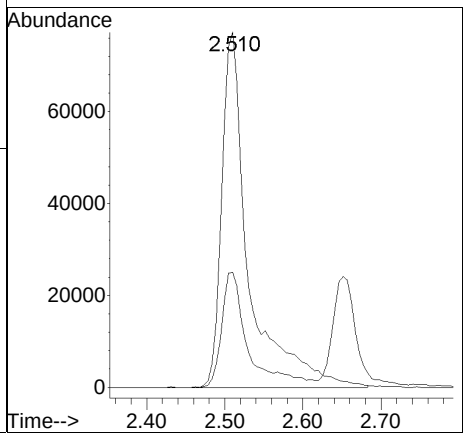


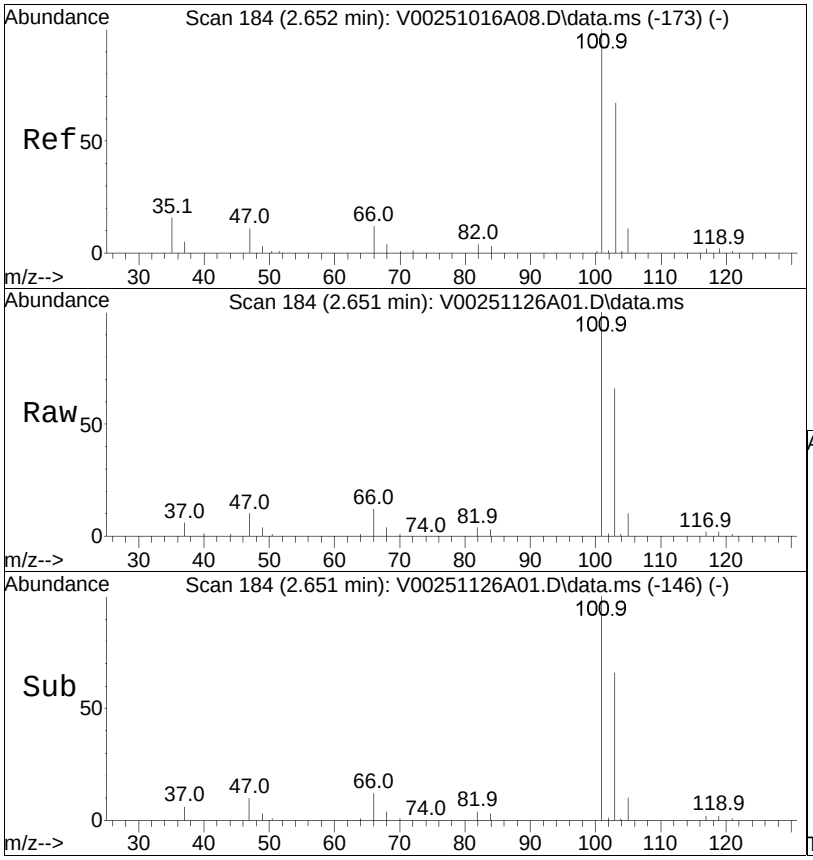


#6
Chloroethane
Concen: 26.66 ug/L
RT: 2.510 min Scan# 157
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 64 Resp: 185826

Ion	Ratio	Lower	Upper
64	100		
66	32.1	4.8	44.8

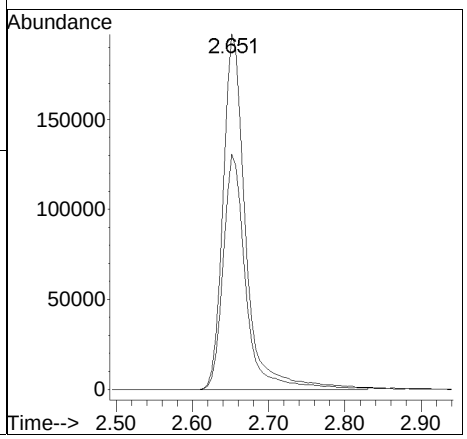


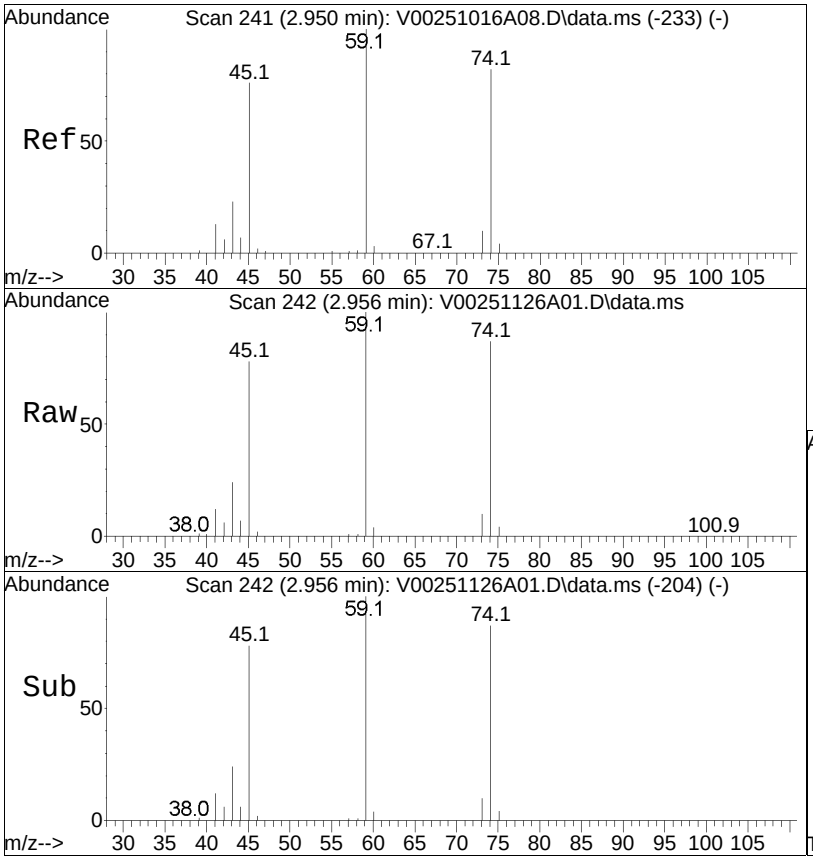


#7
Trichlorofluoromethane
Concen: 42.43 ug/L
RT: 2.651 min Scan# 184
Delta R.T. -0.001 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:101 Resp: 408475

Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.5	77.3

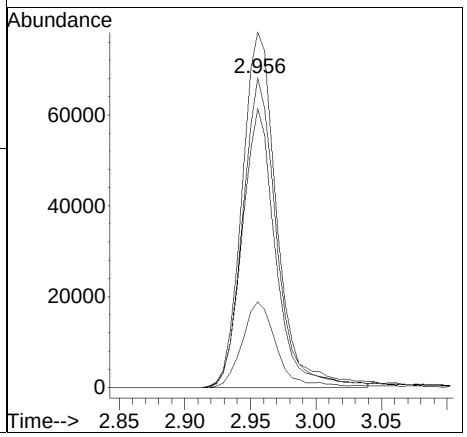


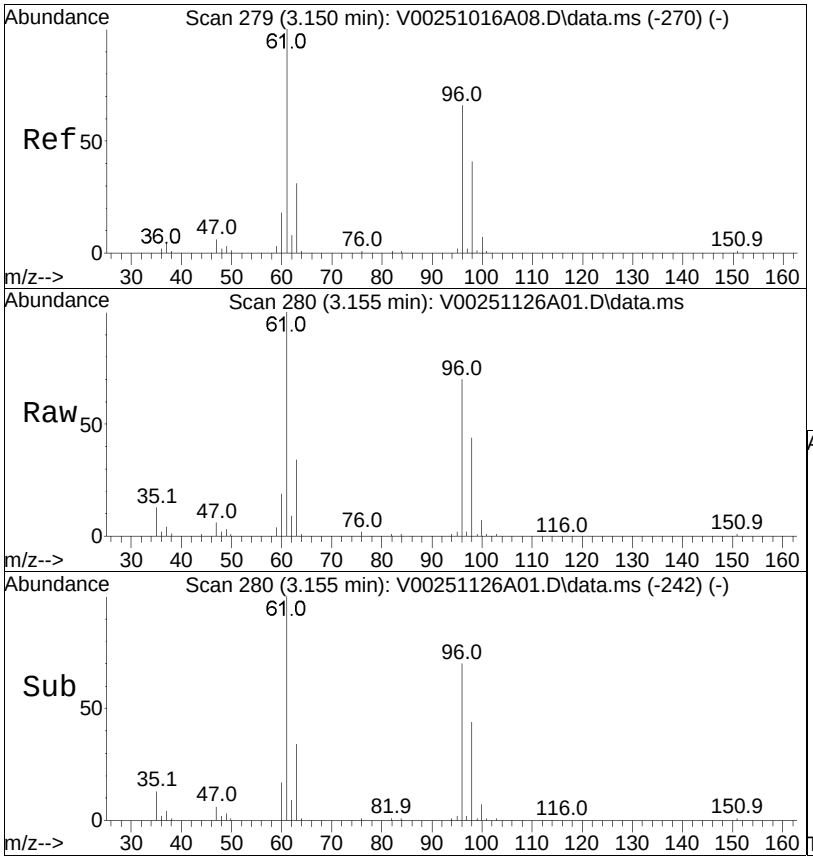


#8
Ethyl ether
Concen: 37.12 ug/L
RT: 2.956 min Scan# 242
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 74 Resp: 122401

Ion	Ratio	Lower	Upper
74	100		
59	120.8	97.0	201.4
45	90.2	57.3	118.9
43	28.0	18.7	38.9

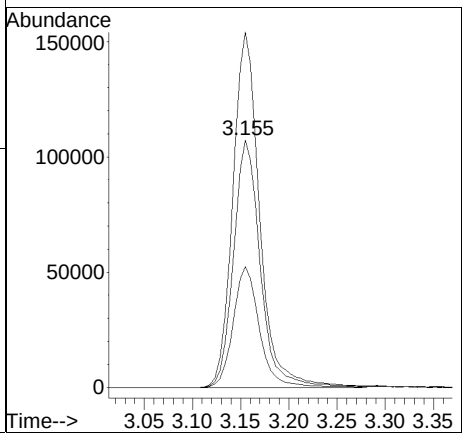


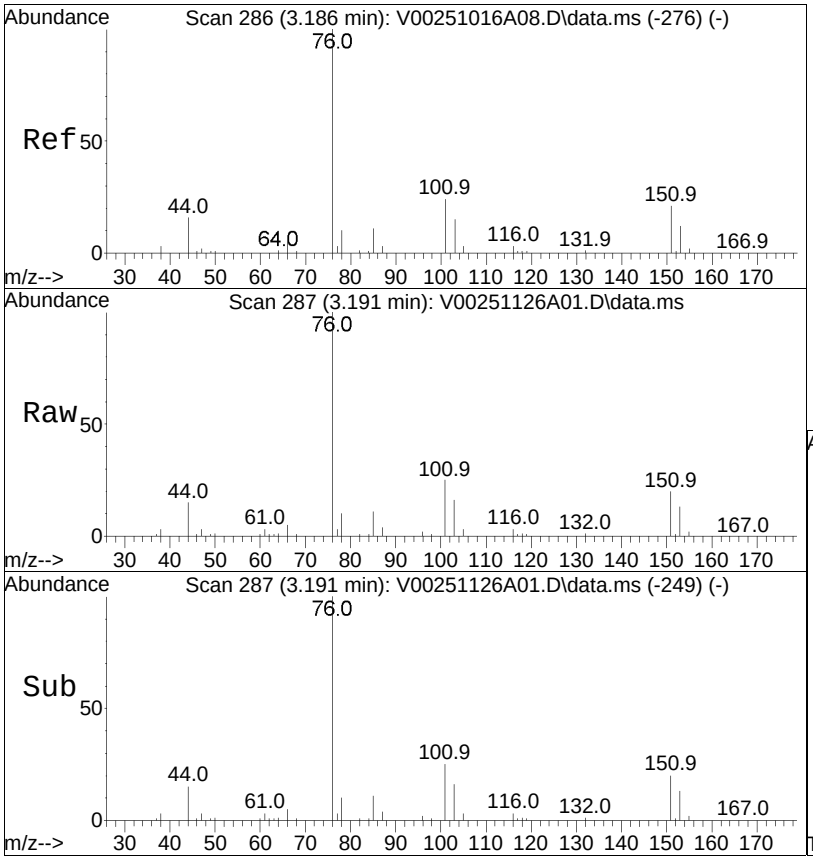


#10
1,1-Dichloroethene
Concen: 40.48 ug/L
RT: 3.155 min Scan# 280
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 96 Resp: 207340

Ion	Ratio	Lower	Upper
96	100		
61	144.5	149.4	224.2#
63	47.9	47.0	70.6

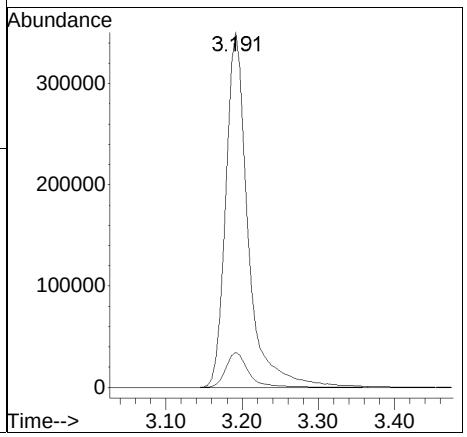


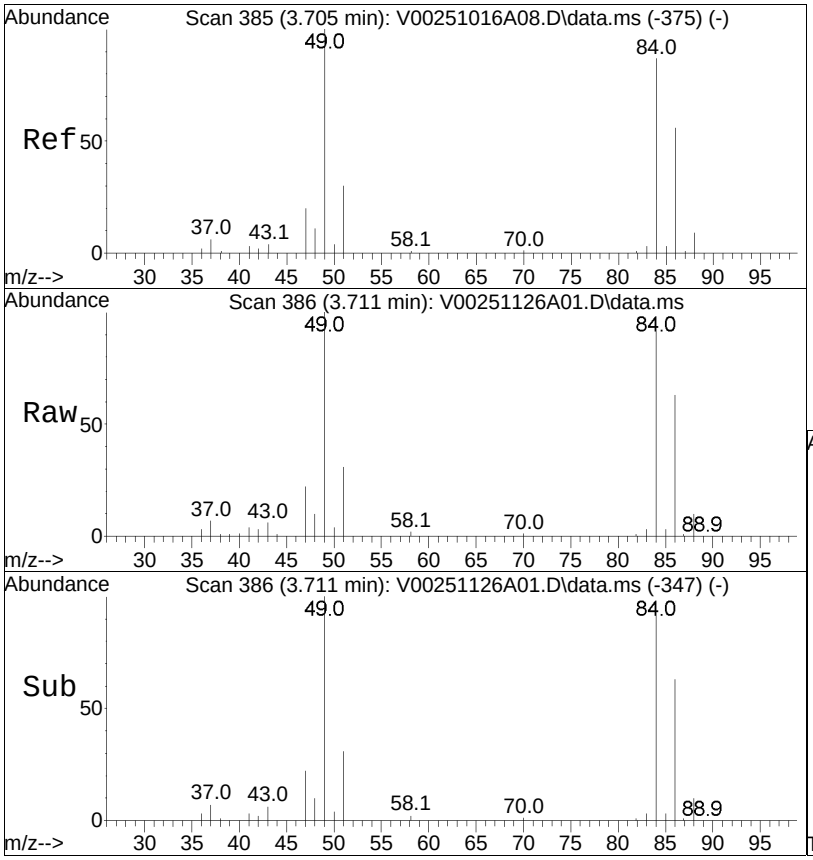


#11
Carbon disulfide
Concen: 39.48 ug/L
RT: 3.191 min Scan# 287
Delta R.T. -0.001 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 76 Resp: 716925

Ion	Ratio	Lower	Upper
76	100		
78	10.1	6.4	13.4

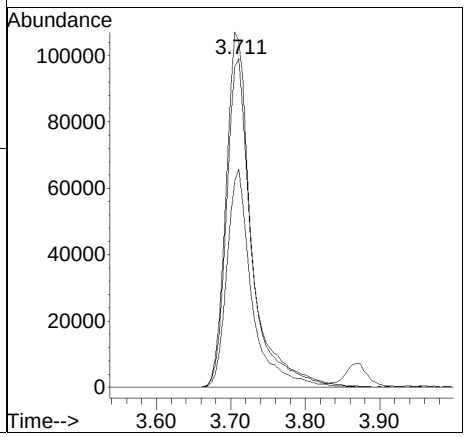


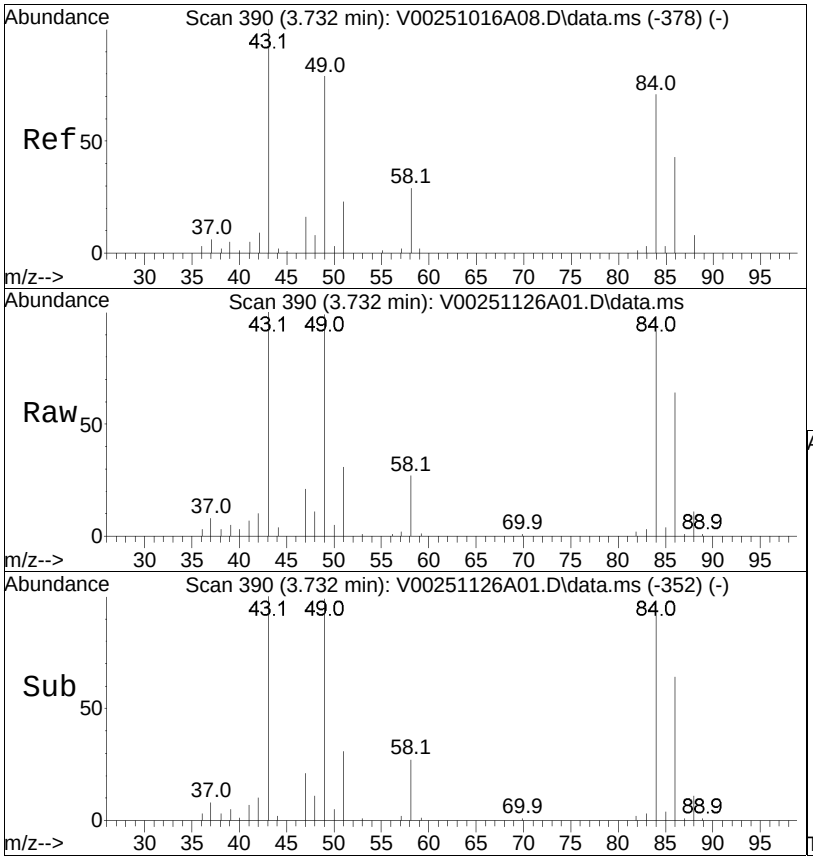


#15
Methylene chloride
Concen: 37.97 ug/L
RT: 3.711 min Scan# 386
Delta R.T. 0.006 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 84 Resp: 235410

Ion	Ratio	Lower	Upper
84	100		
86	65.7	39.6	82.2
49	109.0	72.7	150.9

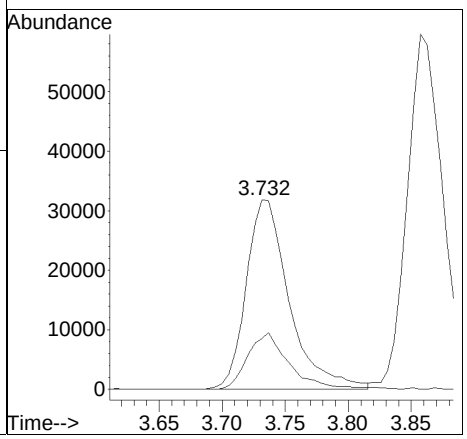


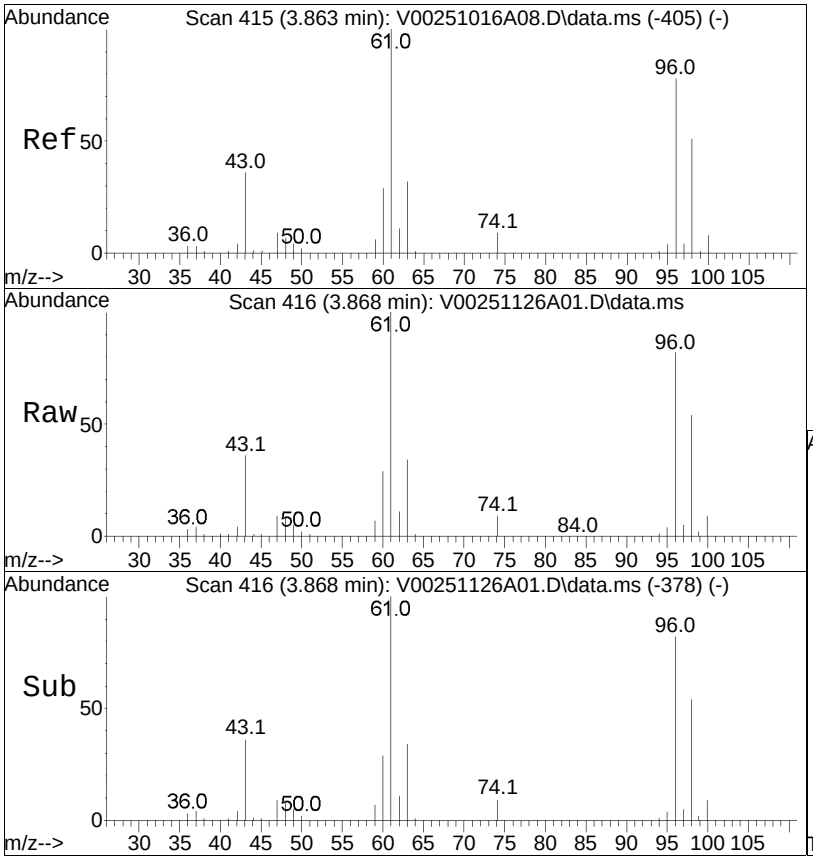


#17
Acetone
Concen: 26.71 ug/L
RT: 3.732 min Scan# 390
Delta R.T. -0.001 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 43 Resp: 75908

Ion	Ratio	Lower	Upper
43	100		
58	29.1	27.2	40.8

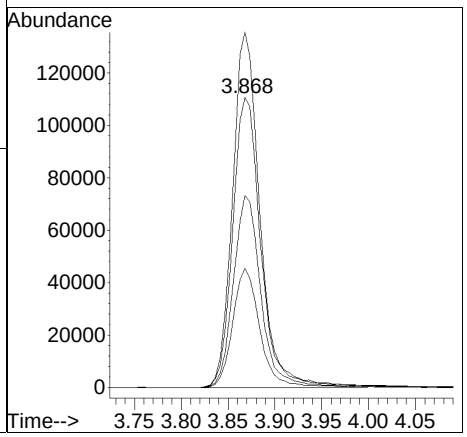


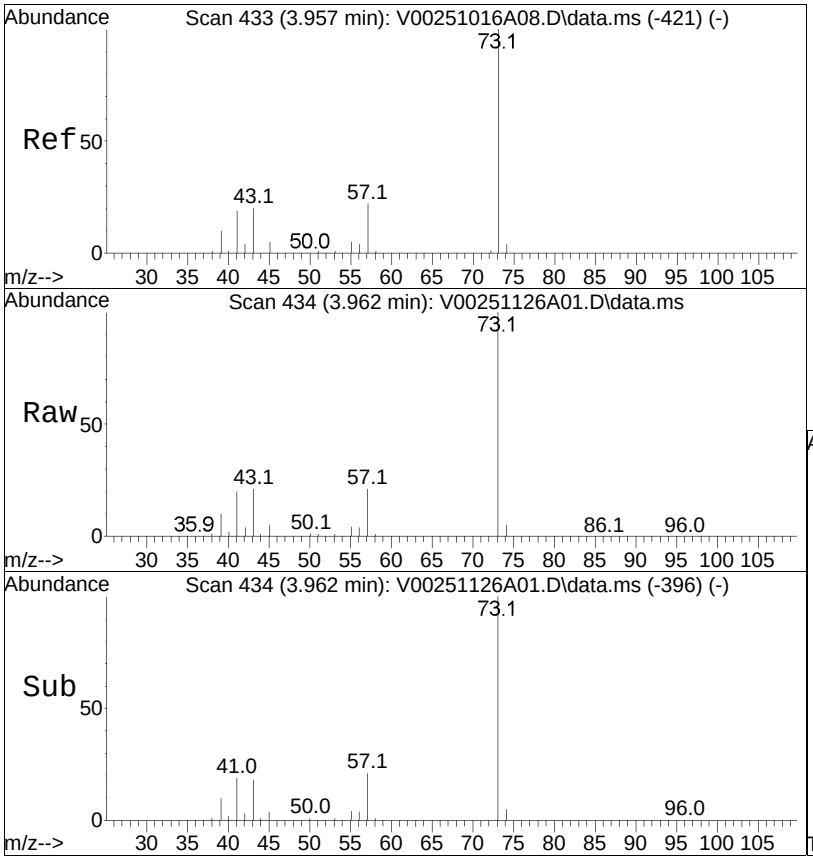


#18
trans-1,2-Dichloroethene
Concen: 38.39 ug/L
RT: 3.868 min Scan# 416
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 96 Resp: 231872

Ion	Ratio	Lower	Upper
96	100		
61	119.3	96.5	200.5
98	65.0	40.6	84.2
63	39.4	30.2	62.8

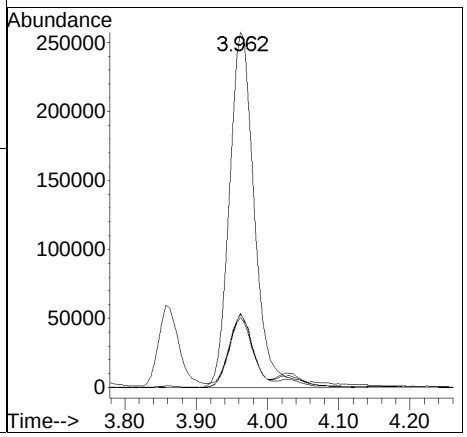


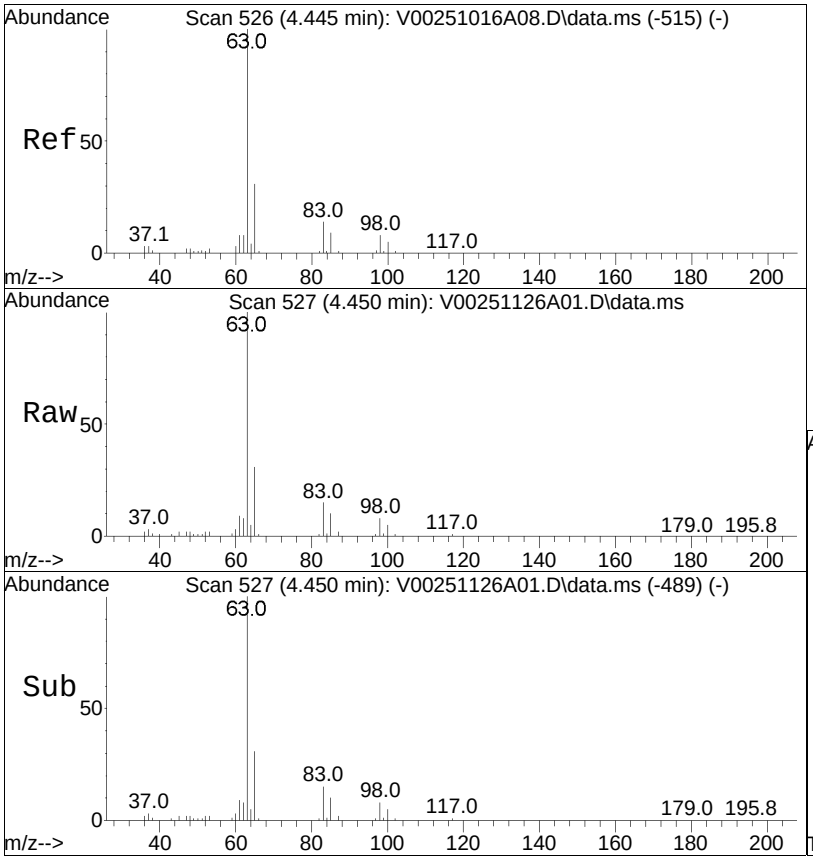


#20
Methyl tert-butyl ether
Concen: 39.44 ug/L
RT: 3.962 min Scan# 434
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 73 Resp: 640736

Ion	Ratio	Lower	Upper
73	100		
57	19.2	14.7	30.5
43	18.8	12.5	26.1
41	18.4	11.6	24.0

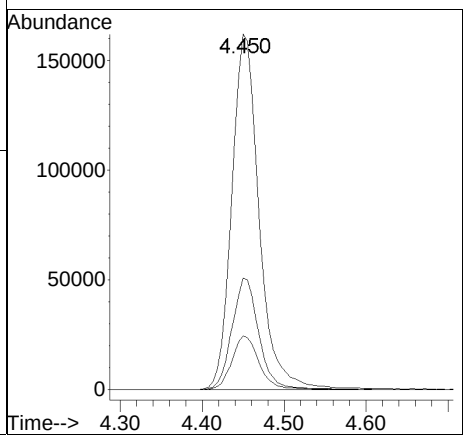


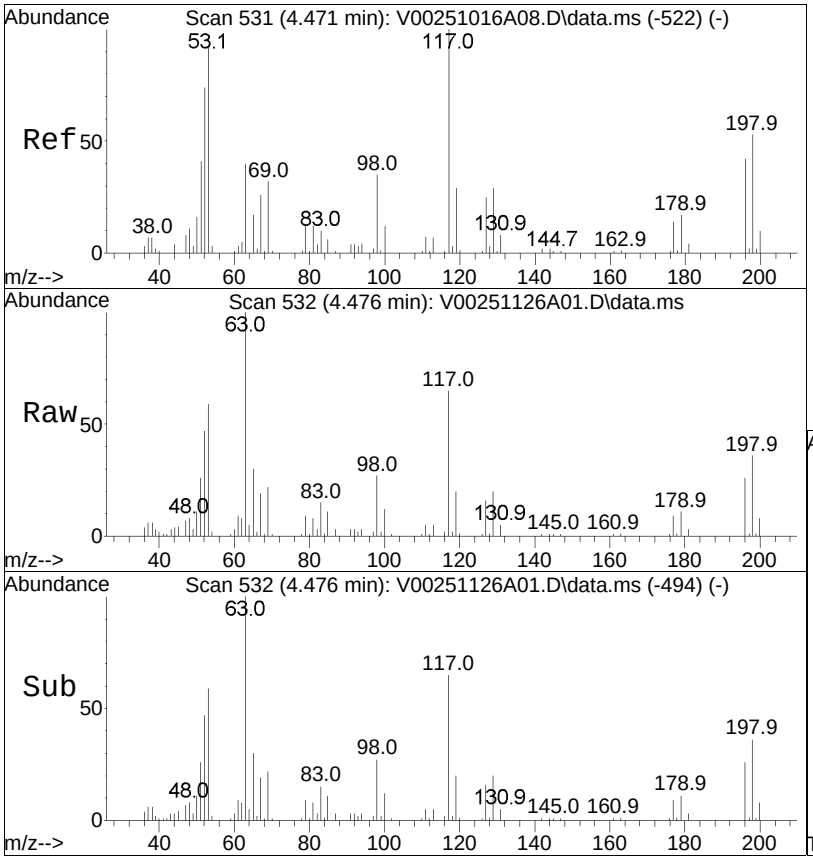


#23
1,1-Dichloroethane
Concen: 35.94 ug/L
RT: 4.450 min Scan# 527
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 63 Resp: 375397

Ion	Ratio	Lower	Upper
63	100		
65	30.4	10.4	50.4
83	14.9	0.0	32.6

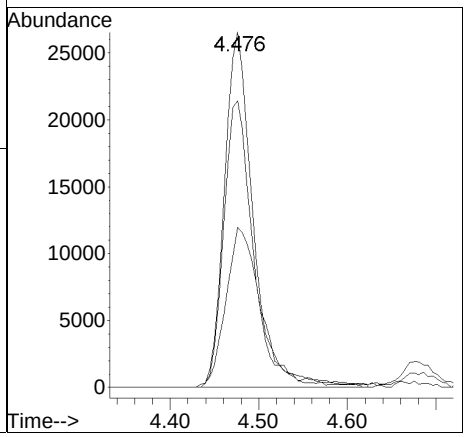


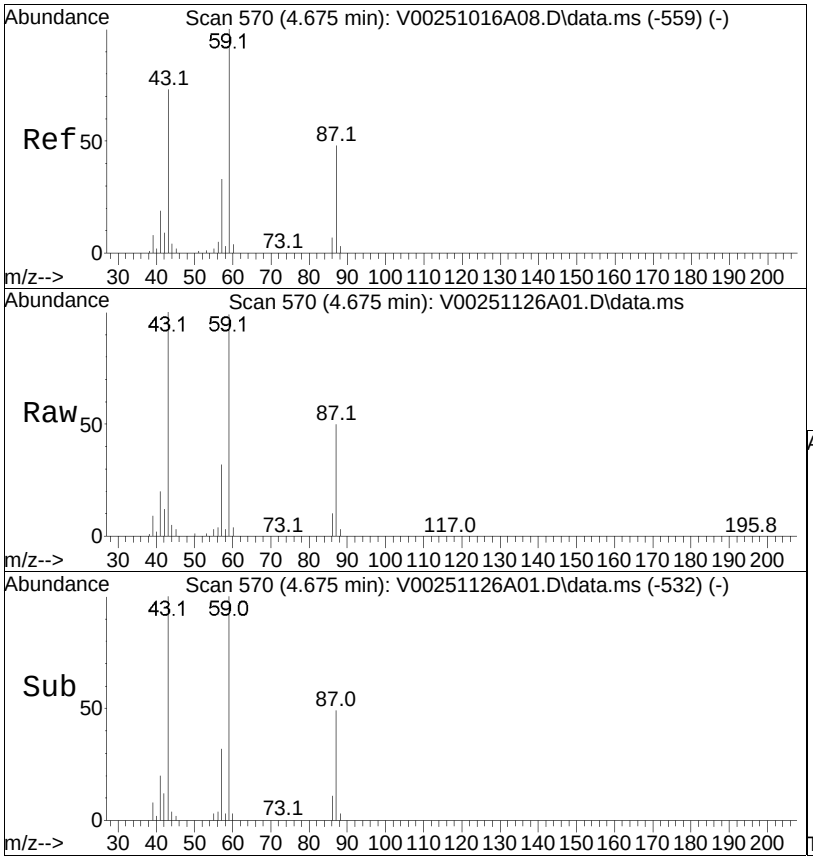


#25
Acrylonitrile
Concen: 38.35 ug/L
RT: 4.476 min Scan# 532
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 53 Resp: 60784

Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.8	98.6
51	54.3	55.1	82.7#

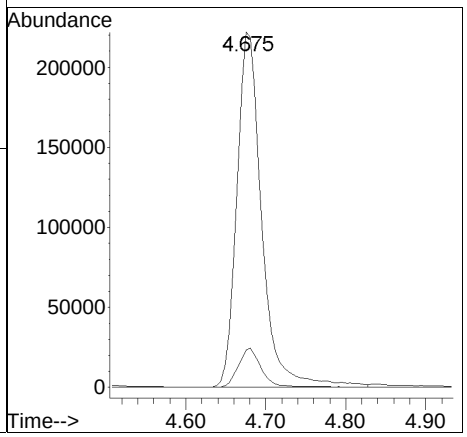


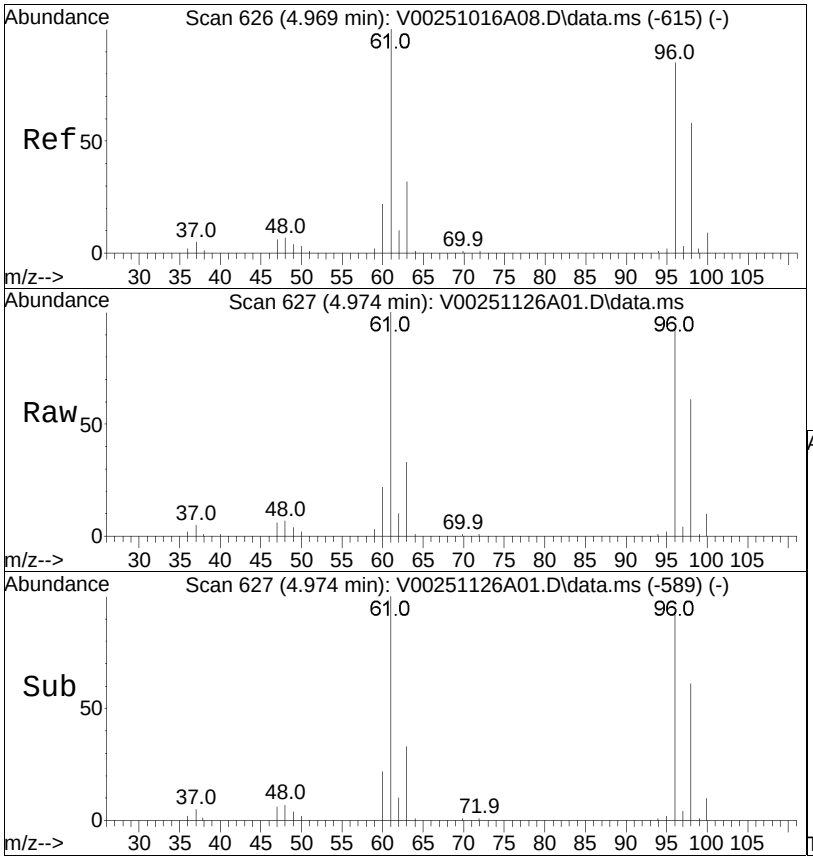


#27
Vinyl acetate
Concen: 40.22 ug/L
RT: 4.675 min Scan# 570
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 43 Resp: 484270

Ion	Ratio	Lower	Upper
43	100		
86	10.1	9.0	13.4

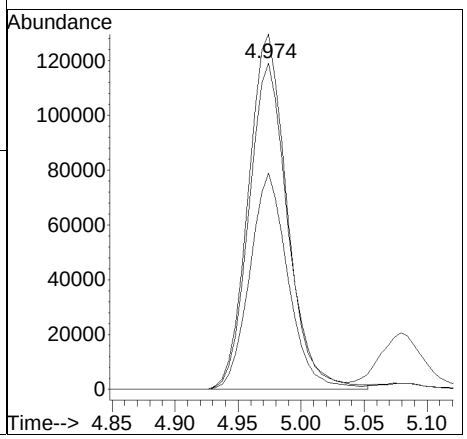


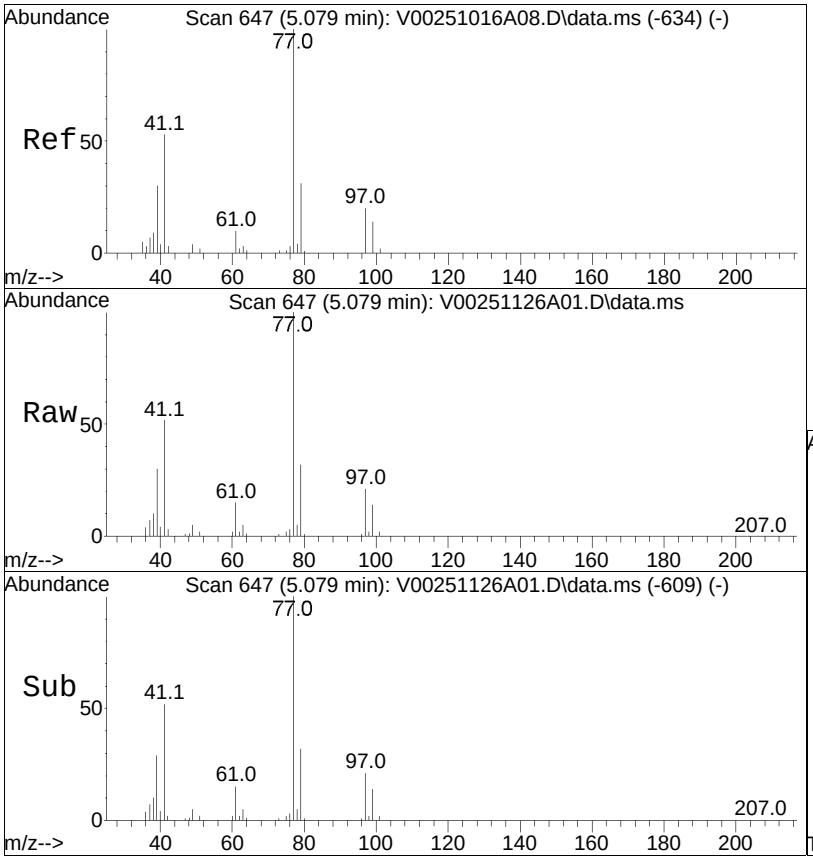


#28
cis-1,2-Dichloroethene
Concen: 38.67 ug/L
RT: 4.974 min Scan# 627
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 96 Resp: 255835

Ion	Ratio	Lower	Upper
96	100		
61	108.7	107.8	161.8
98	65.4	51.4	77.0

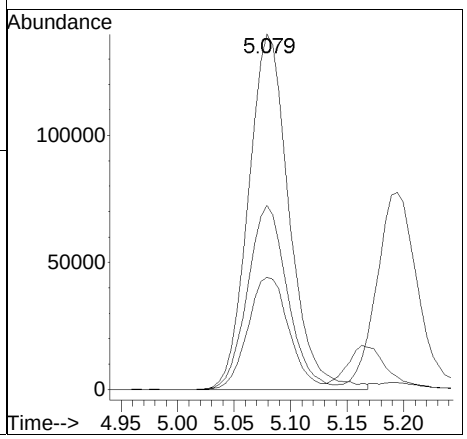


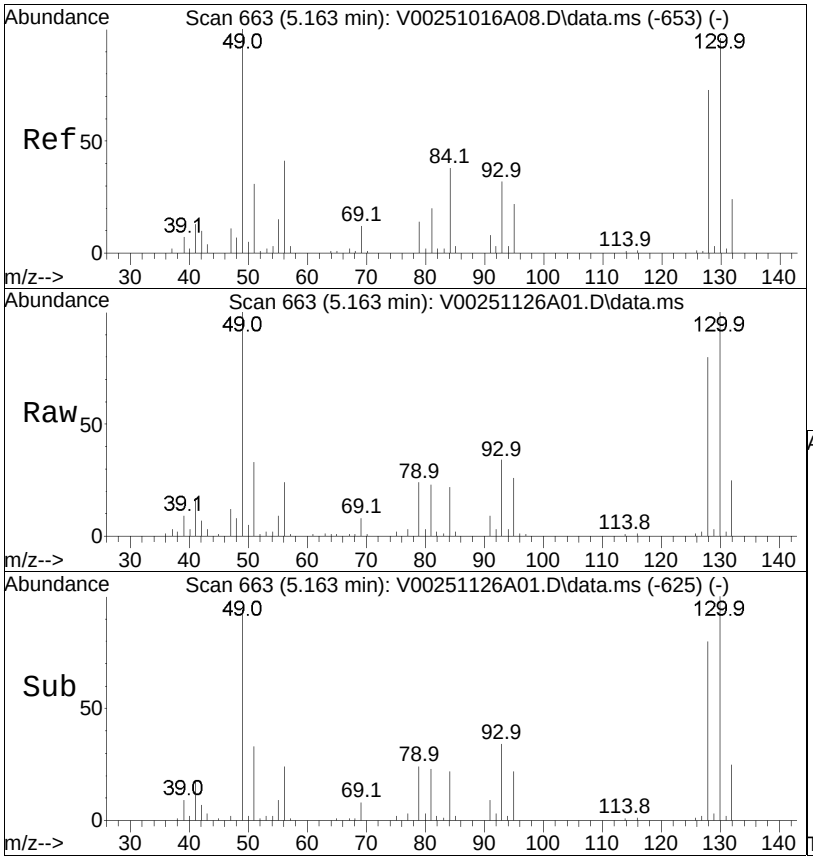


#29
2,2-Dichloropropane
Concen: 40.70 ug/L
RT: 5.079 min Scan# 647
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 77 Resp: 350179

Ion	Ratio	Lower	Upper
77	100		
41	50.7	31.3	64.9
79	32.0	21.1	43.9

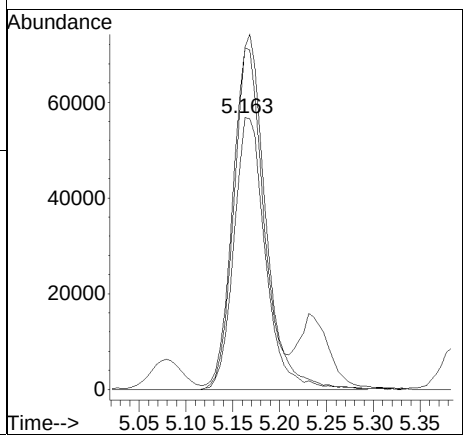


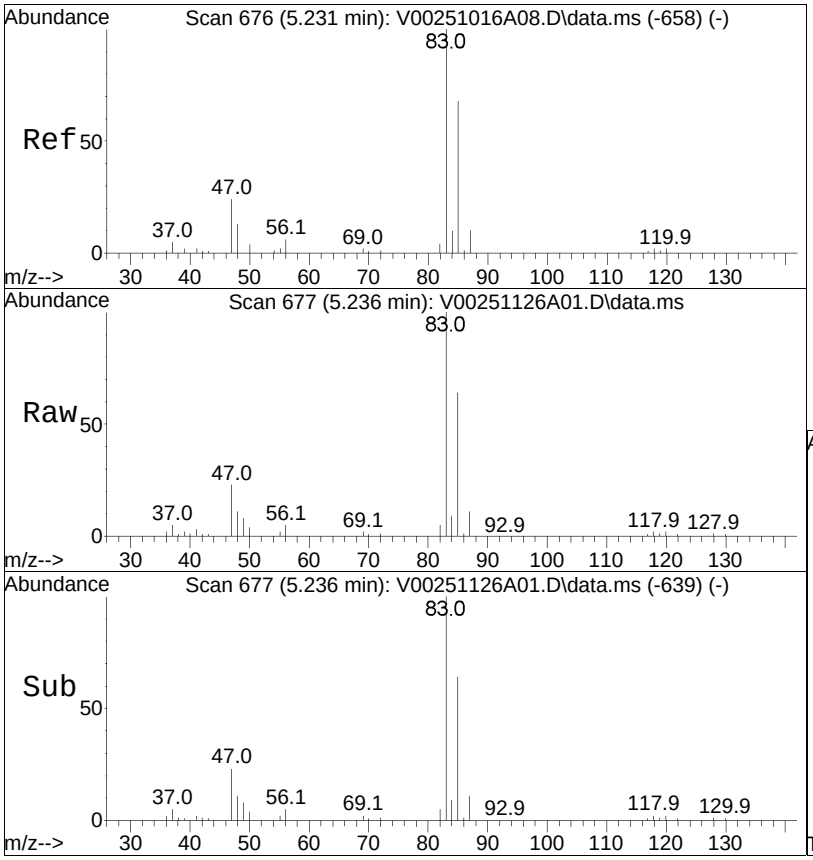


#31
Bromochloromethane
Concen: 40.49 ug/L
RT: 5.163 min Scan# 663
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:128 Resp: 133150

Ion	Ratio	Lower	Upper
128	100		
49	122.3	113.6	170.4
130	129.4	101.9	152.9

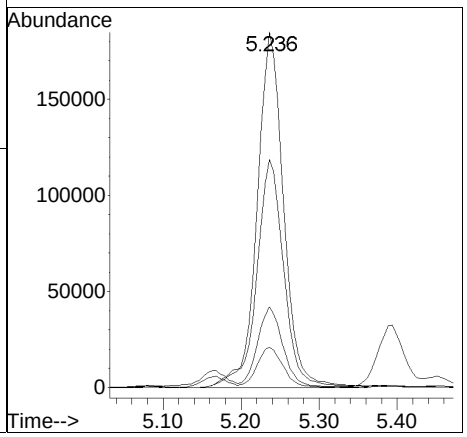


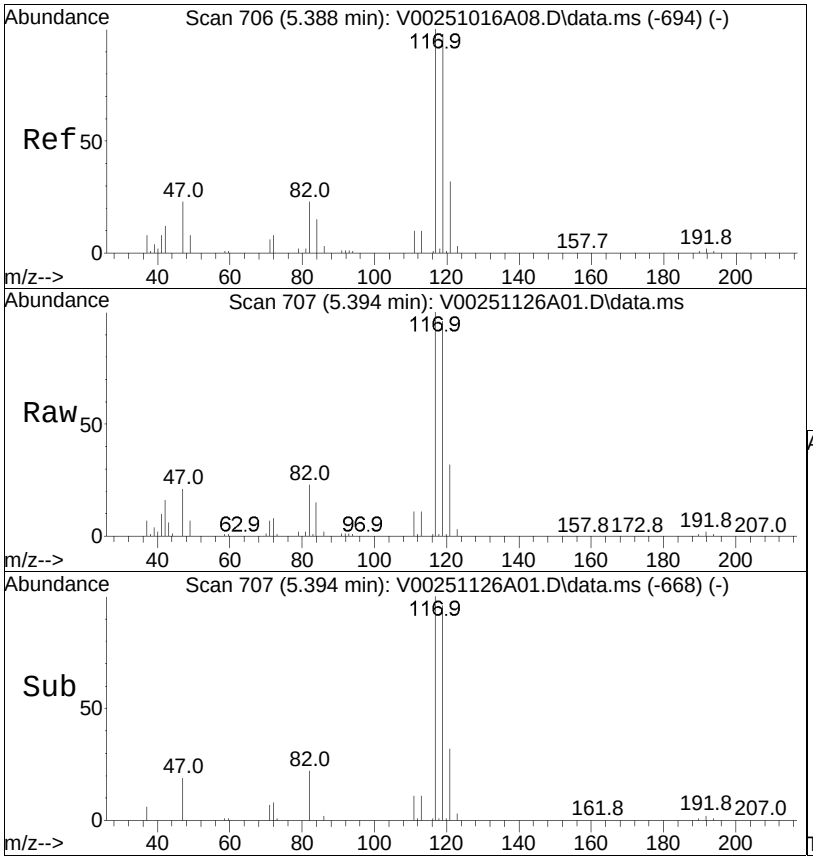


#33
Chloroform
Concen: 38.76 ug/L
RT: 5.236 min Scan# 677
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 83 Resp: 436251

Ion	Ratio	Lower	Upper
83	100		
85	66.3	43.3	89.9
47	21.3	14.4	29.8
48	11.1	7.5	15.7

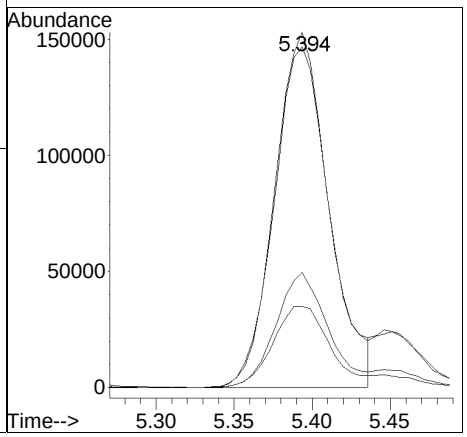


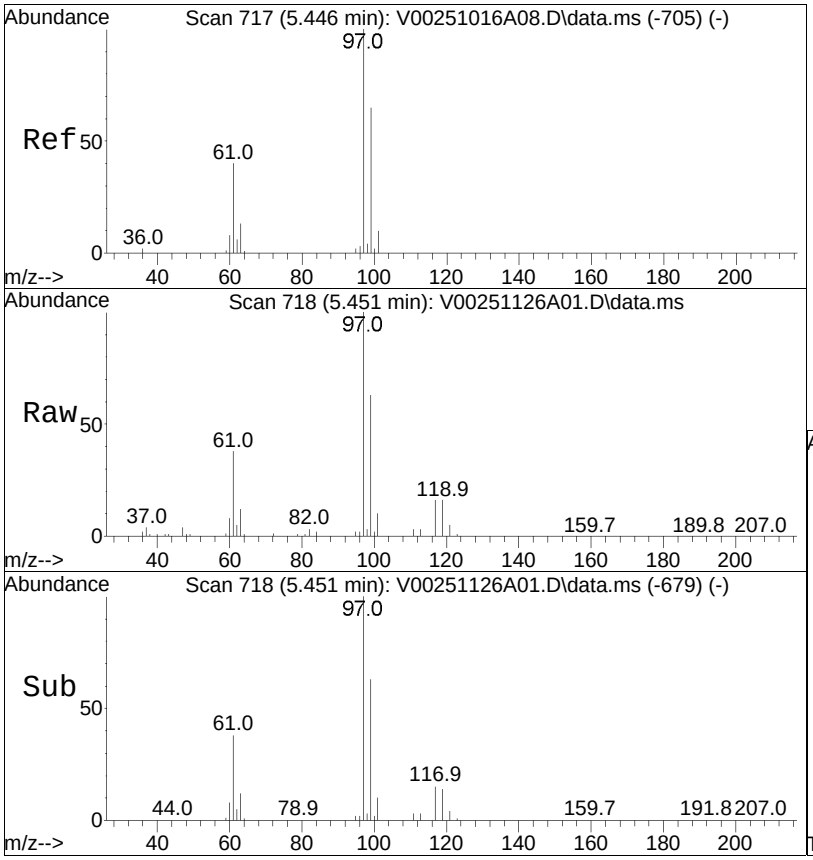


#35
Carbon tetrachloride
Concen: 45.33 ug/L
RT: 5.394 min Scan# 707
Delta R.T. 0.006 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:117 Resp: 368647

Ion	Ratio	Lower	Upper
117	100		
119	97.7	62.7	130.3
121	31.3	20.5	42.7
82	24.5	17.4	36.2

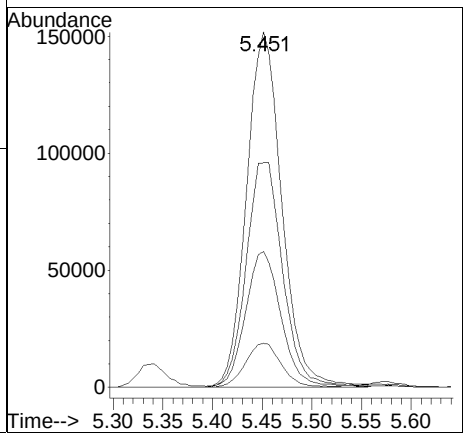


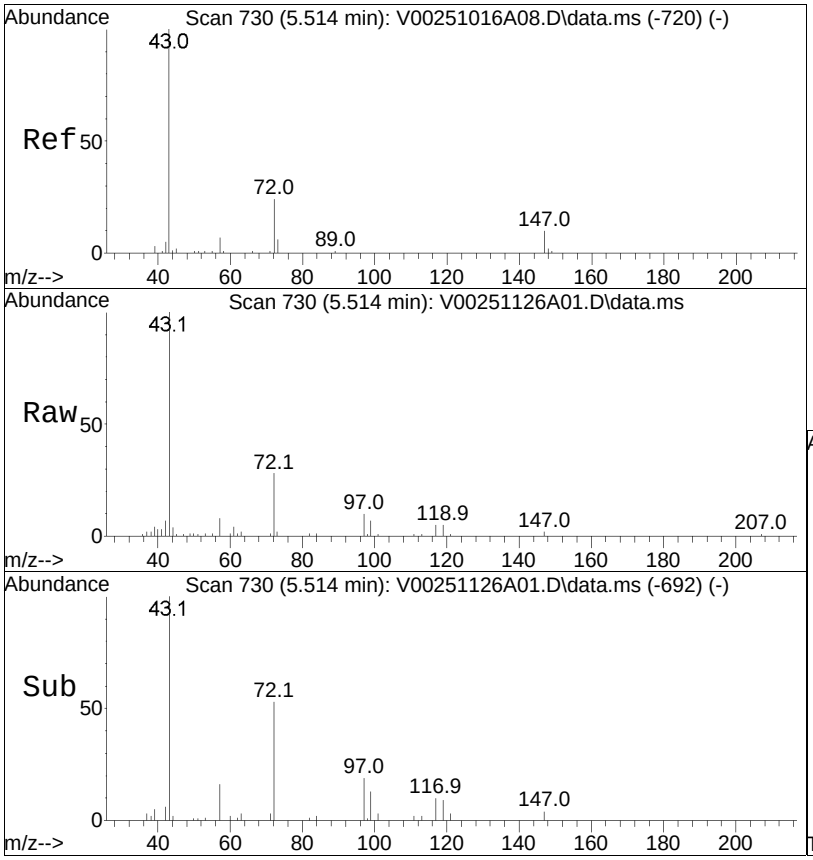


#38
1,1,1-Trichloroethane
Concen: 44.32 ug/L
RT: 5.451 min Scan# 718
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 97 Resp: 377434

Ion	Ratio	Lower	Upper
97	100		
99	65.9	41.5	86.3
61	38.3	30.6	63.6
63	12.7	9.9	20.5

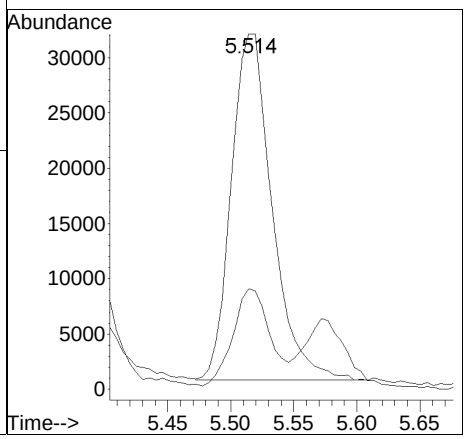


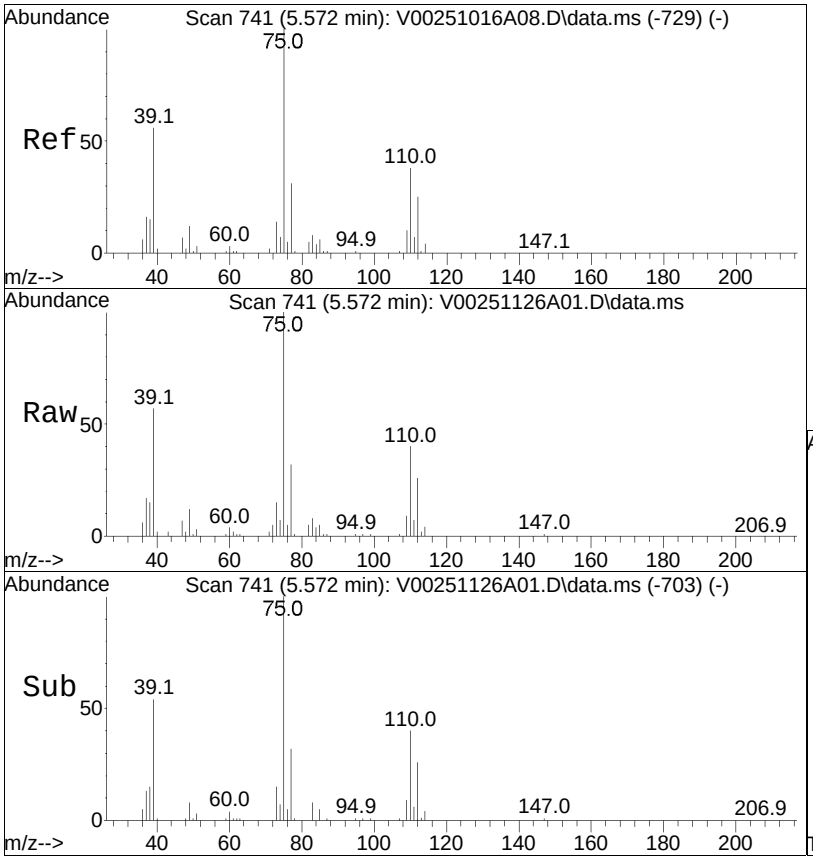


#40
2-Butanone
Concen: 33.41 ug/L
RT: 5.514 min Scan# 730
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 43 Resp: 70714

Ion	Ratio	Lower	Upper
43	100		
72	27.4	19.4	29.0

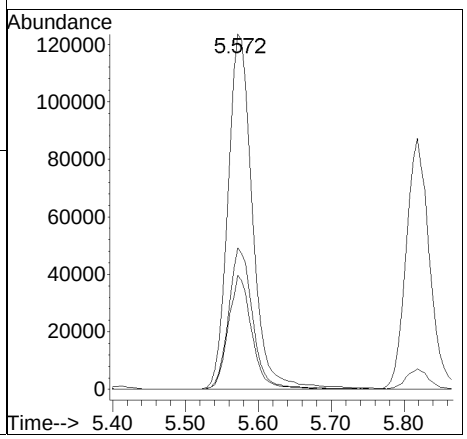


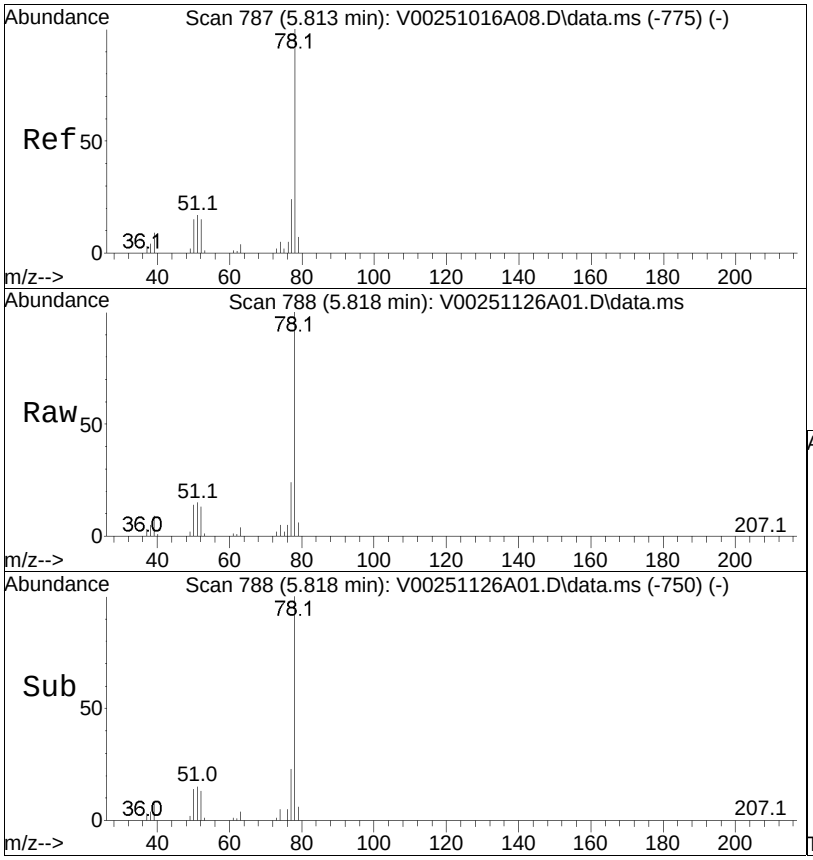


#41
1,1-Dichloropropene
Concen: 42.59 ug/L
RT: 5.572 min Scan# 741
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 75 Resp: 291083

Ion	Ratio	Lower	Upper
75	100		
110	38.7	22.9	47.5
77	30.7	19.6	40.6

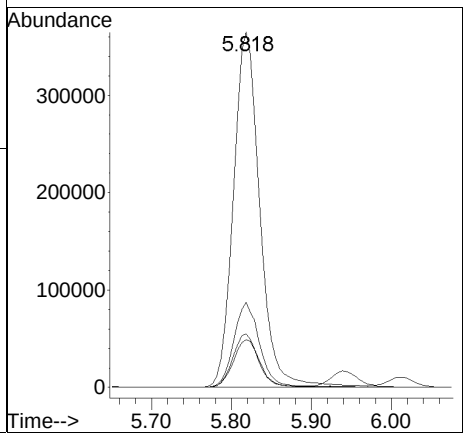


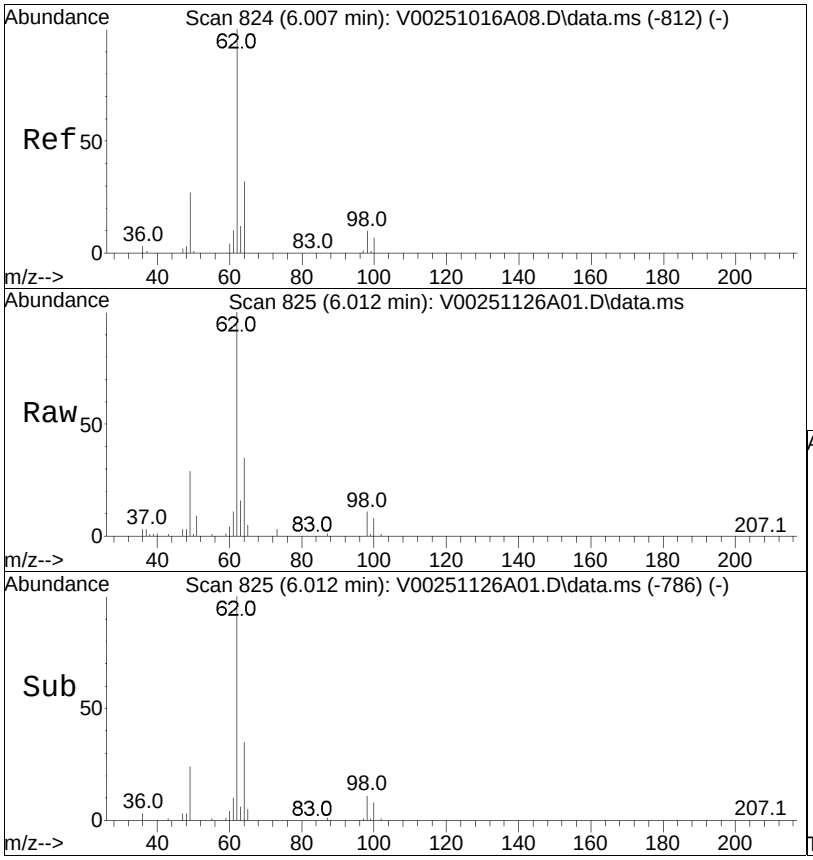


#42
Benzene
Concen: 37.91 ug/L
RT: 5.818 min Scan# 788
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 78 Resp: 838807

Ion	Ratio	Lower	Upper
78	100		
77	23.4	15.6	32.4
51	14.8	10.2	21.2
52	13.4	9.6	19.8

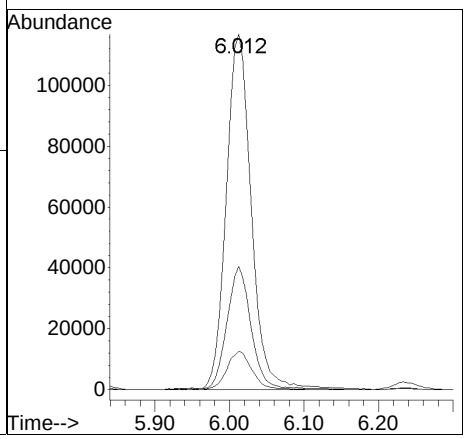


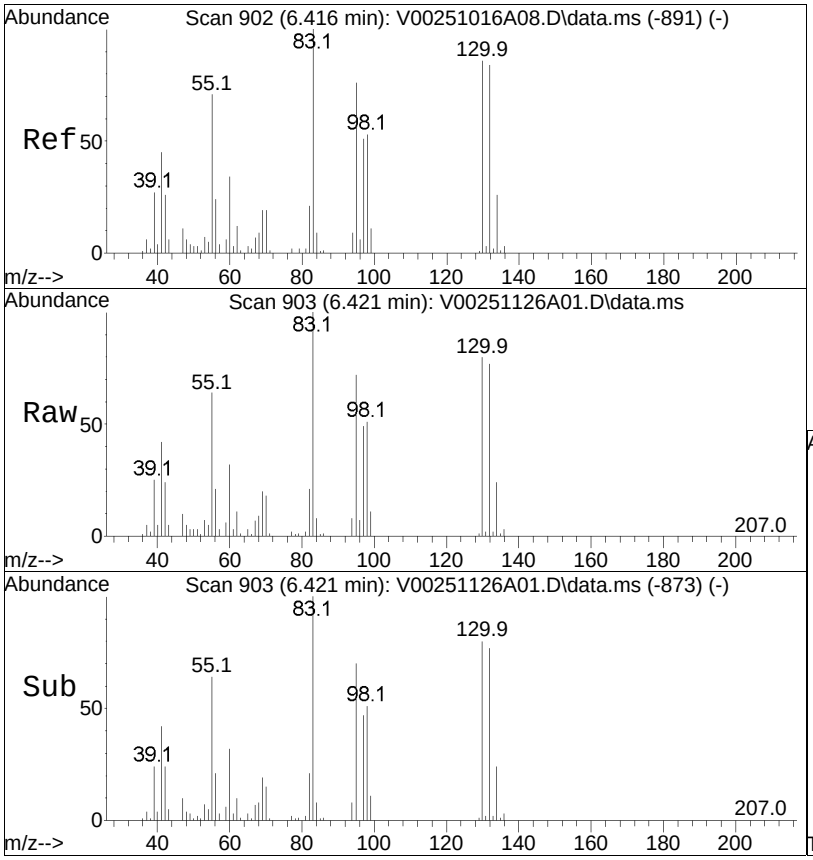


#45
1,2-Dichloroethane
Concen: 38.43 ug/L
RT: 6.012 min Scan# 825
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 62 Resp: 273400

Ion	Ratio	Lower	Upper
62	100		
64	33.4	12.6	52.6
98	10.6	0.0	28.7

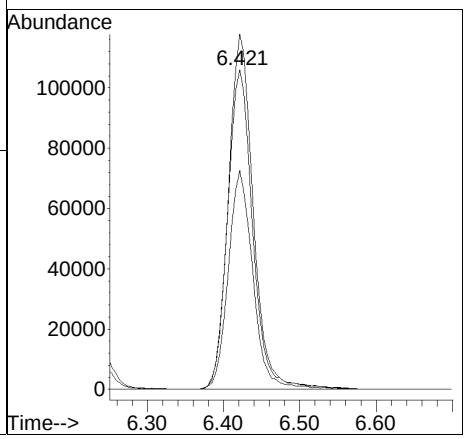


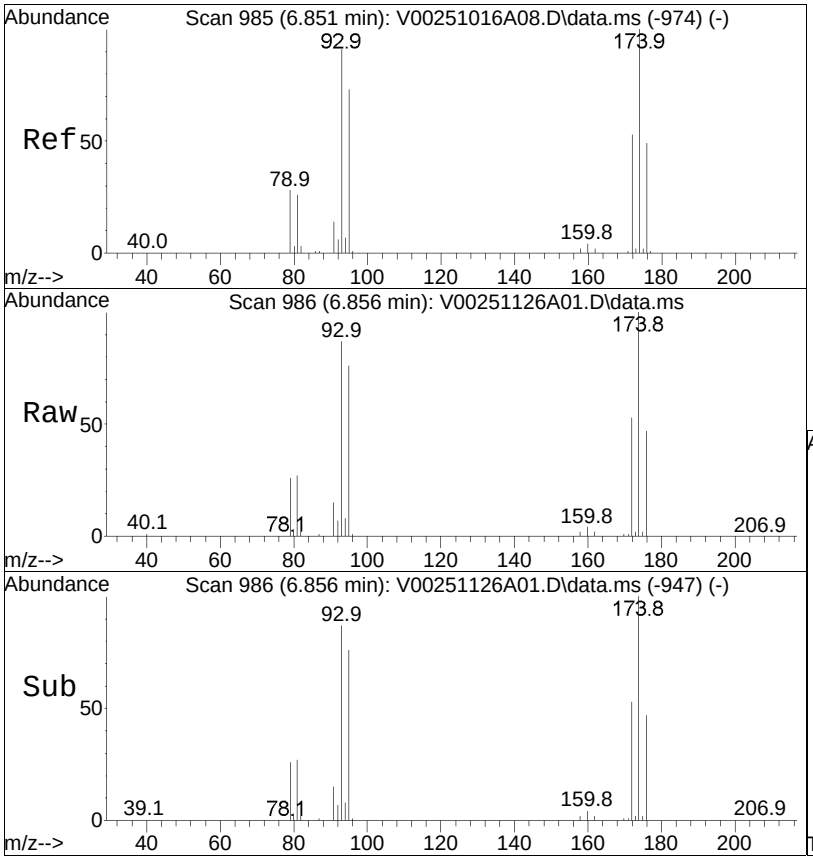


#49
Trichloroethene
Concen: 39.71 ug/L
RT: 6.421 min Scan# 903
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 95 Resp: 243767

Ion	Ratio	Lower	Upper
95	100		
97	67.4	54.2	81.4
130	110.4	77.0	115.6

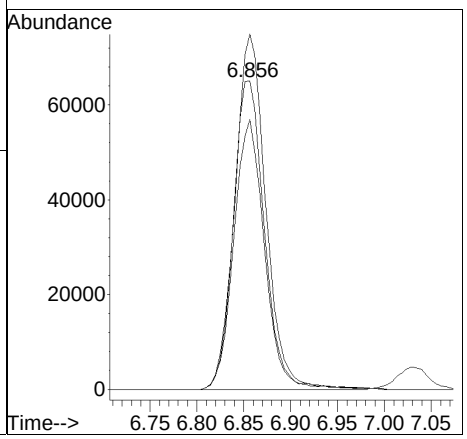


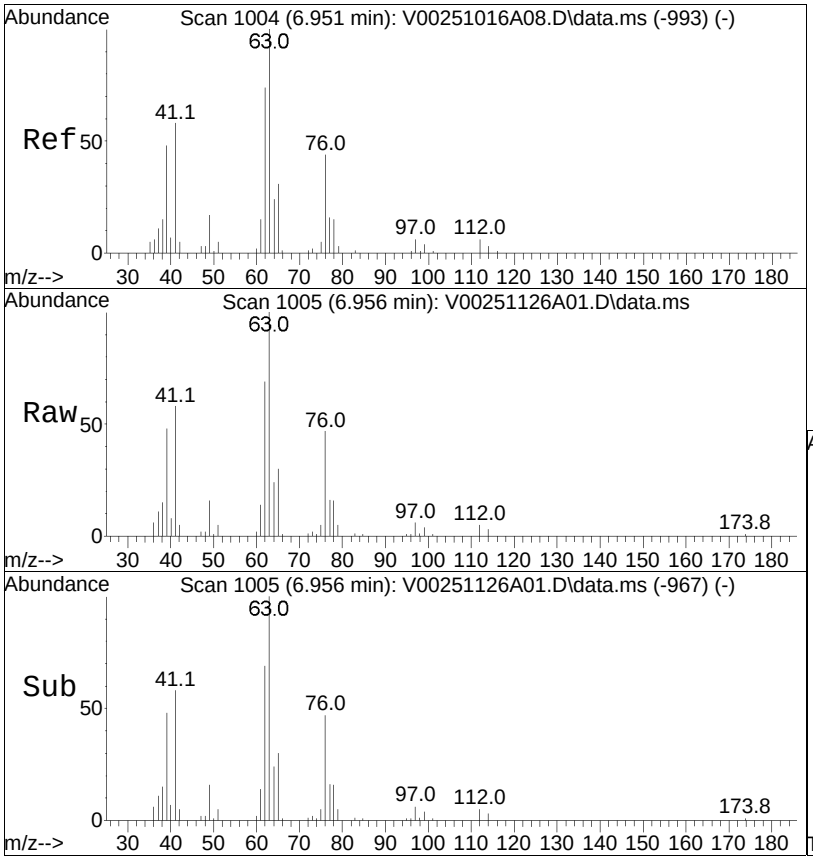


#51
Dibromomethane
Concen: 39.31 ug/L
RT: 6.856 min Scan# 986
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 93 Resp: 151062

Ion	Ratio	Lower	Upper
93	100		
95	85.7	66.6	100.0
174	113.8	76.7	115.1

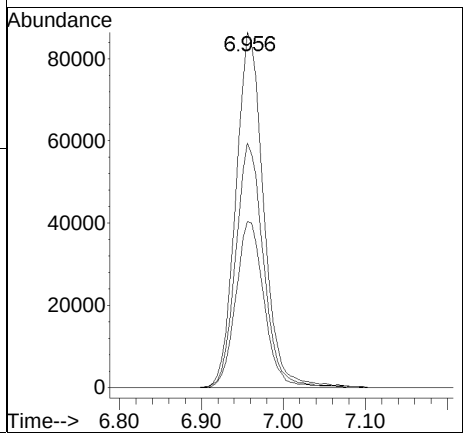


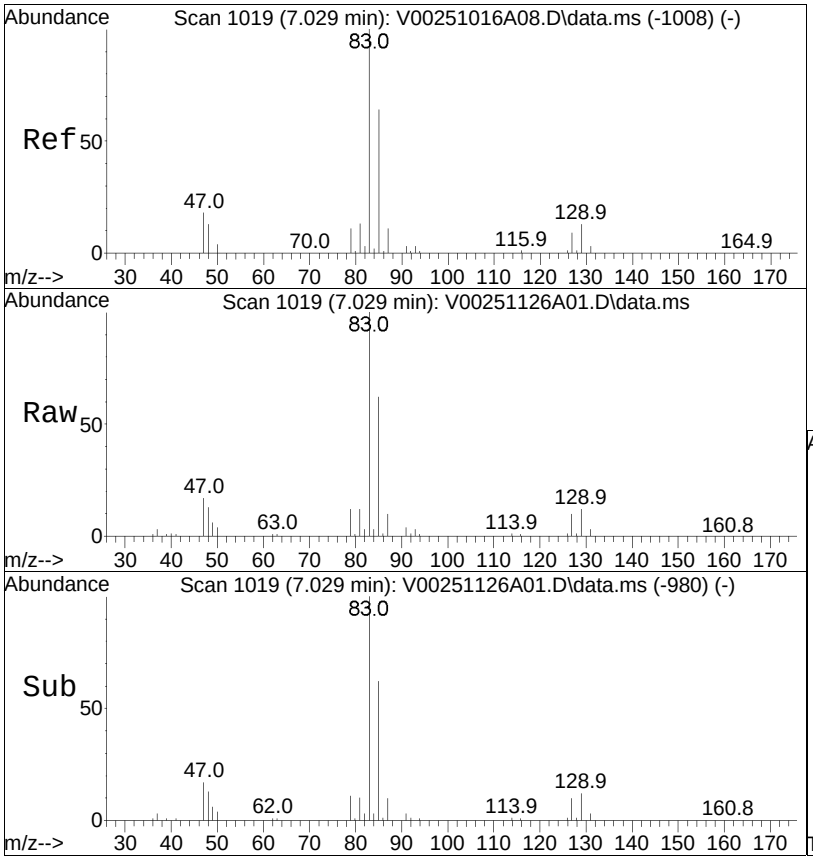


#52
1,2-Dichloropropane
Concen: 35.68 ug/L
RT: 6.956 min Scan# 1005
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 63 Resp: 204354

Ion	Ratio	Lower	Upper
63	100		
62	68.6	57.8	86.8
76	47.6	34.0	51.0

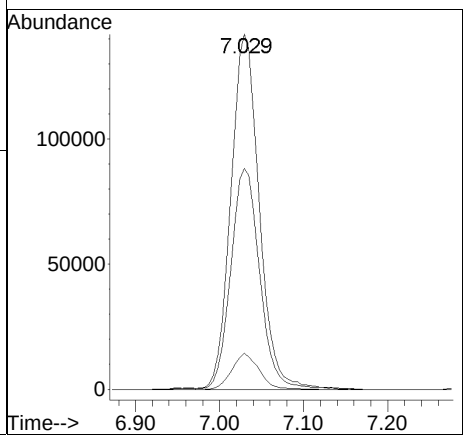


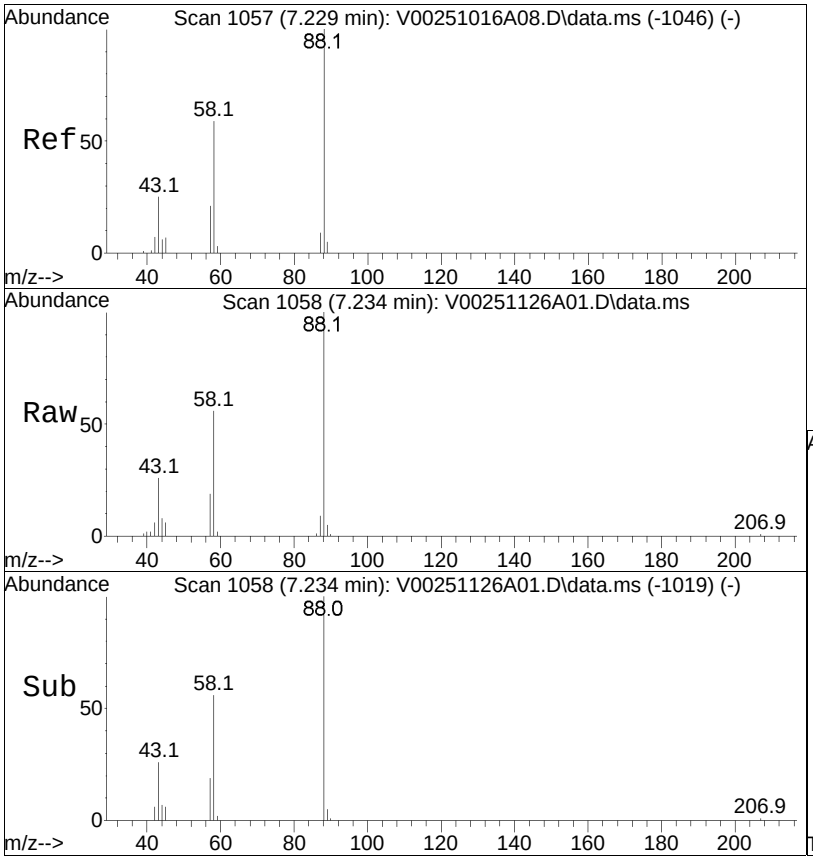


#55
Bromodichloromethane
Concen: 39.27 ug/L
RT: 7.029 min Scan# 1019
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 83 Resp: 333920

Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.9	76.3
127	9.7	6.6	9.8

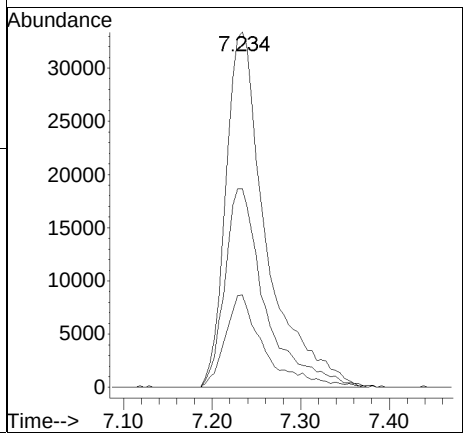


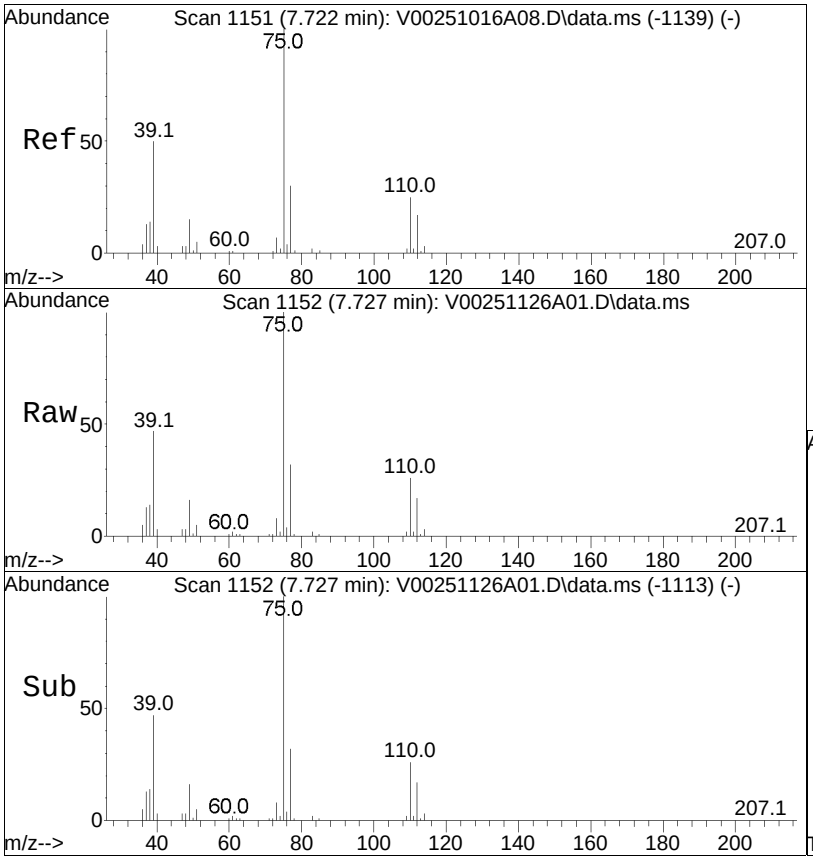


#58
1,4-Dioxane
Concen: 2214.49 ug/L
RT: 7.234 min Scan# 1058
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 88 Resp: 106429

Ion	Ratio	Lower	Upper
88	100		
58	55.8	54.6	82.0
43	25.5	17.8	26.6

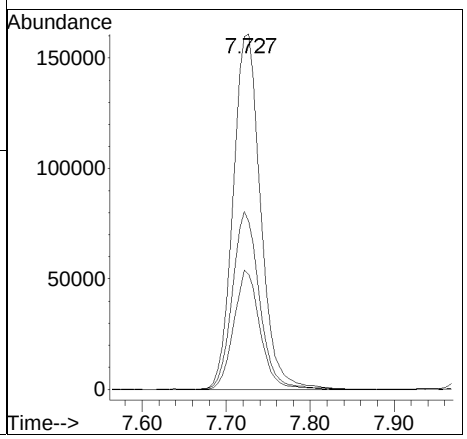


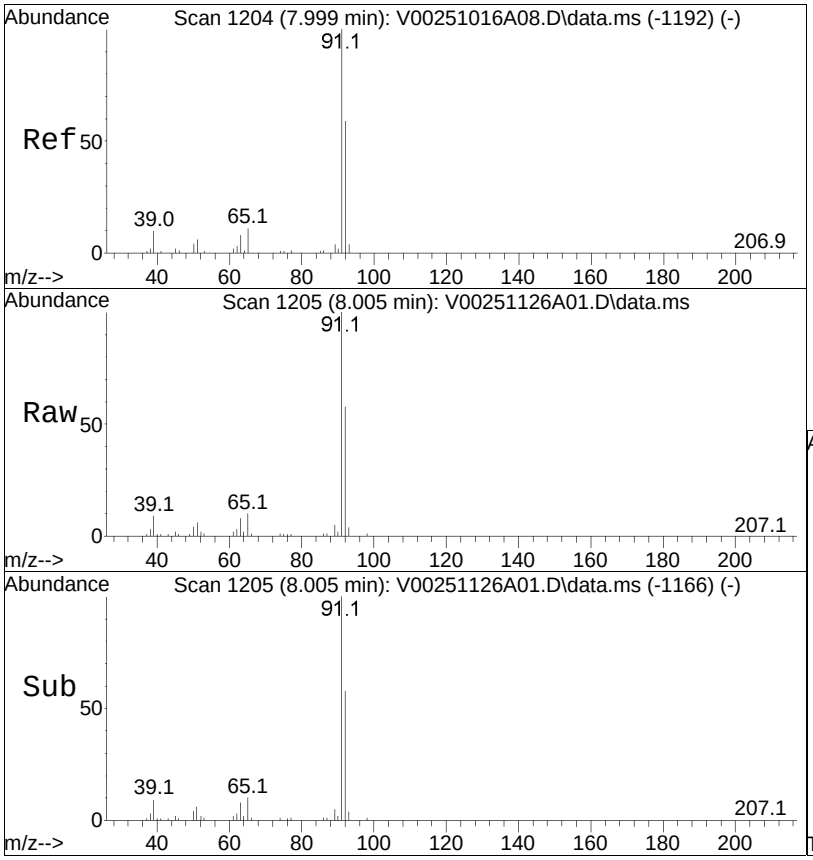


#59
cis-1,3-Dichloropropene
Concen: 38.97 ug/L
RT: 7.727 min Scan# 1152
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 75 Resp: 366401

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.7	38.5
39	49.4	32.3	48.5#

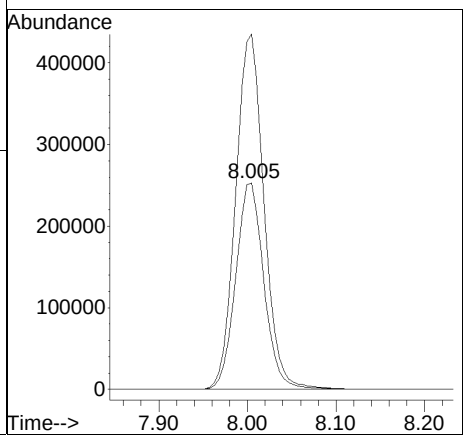


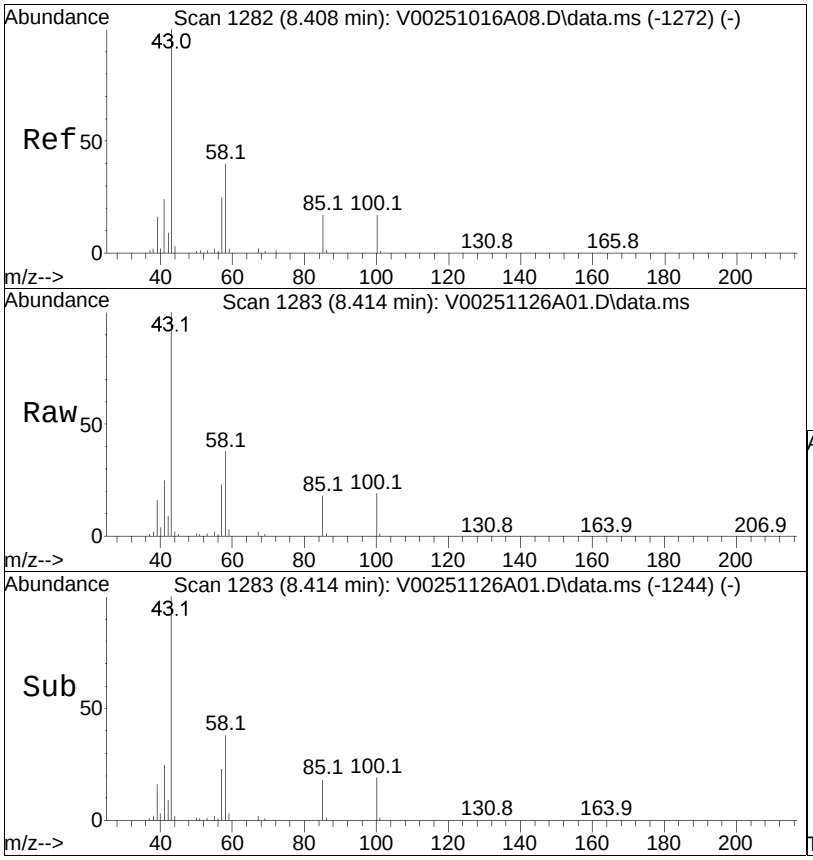


#62
Toluene
Concen: 42.92 ug/L
RT: 8.005 min Scan# 1205
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 92 Resp: 559356

Ion	Ratio	Lower	Upper
92	100		
91	172.9	138.2	207.2

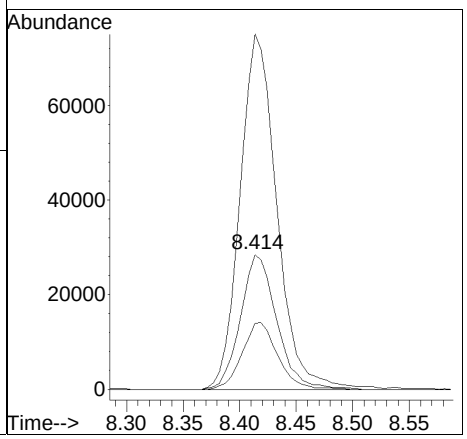


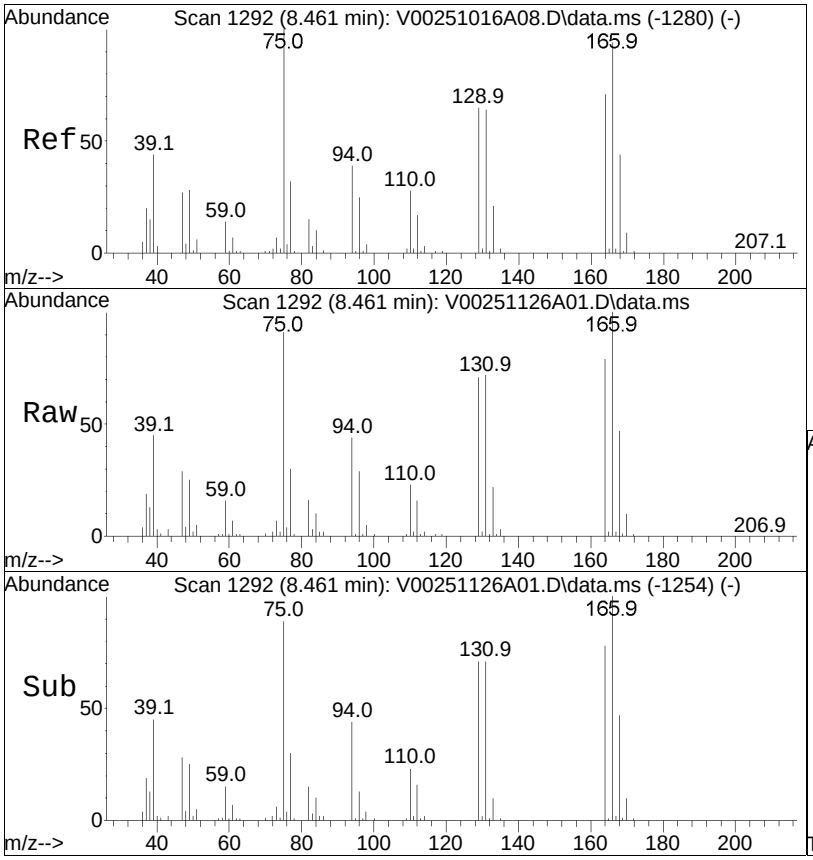


#63
4-Methyl-2-pentanone
Concen: 40.44 ug/L
RT: 8.414 min Scan# 1283
Delta R.T. 0.006 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 58 Resp: 63490

Ion	Ratio	Lower	Upper
58	100		
100	48.8	31.2	46.8#
43	267.7	156.5	234.7#

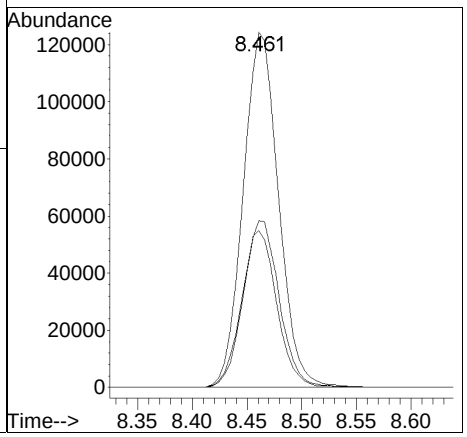


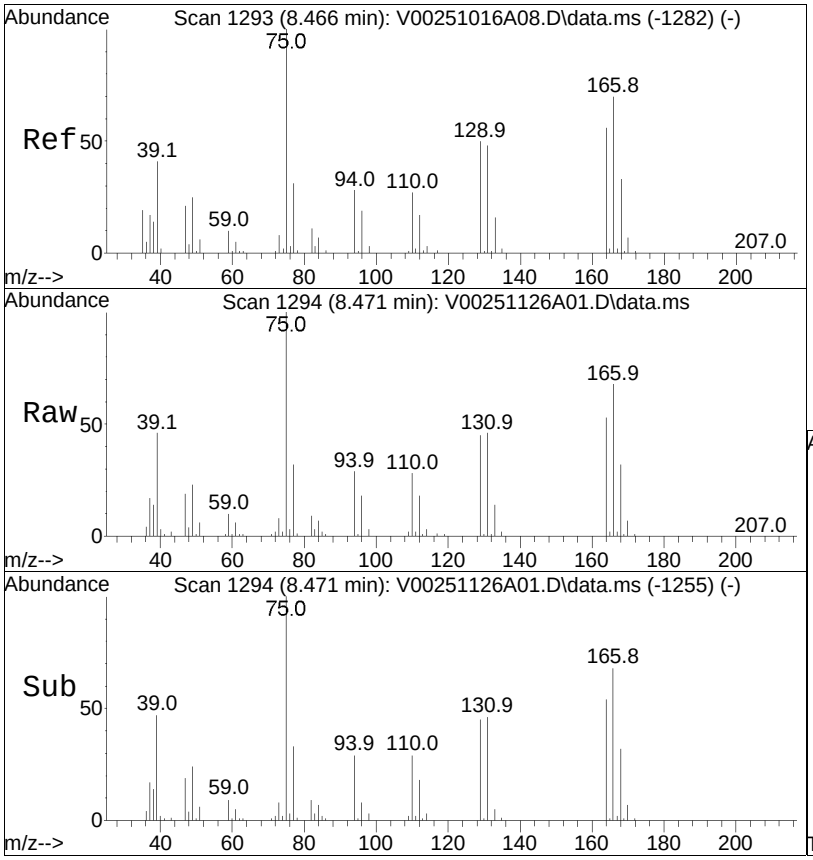


#64
Tetrachloroethene
Concen: 50.15 ug/L
RT: 8.461 min Scan# 1292
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:166 Resp: 280135

Ion	Ratio	Lower	Upper
166	100		
168	47.7	29.2	69.2
94	44.1	29.0	69.0

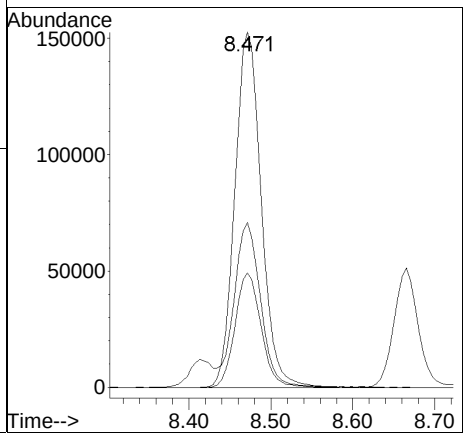


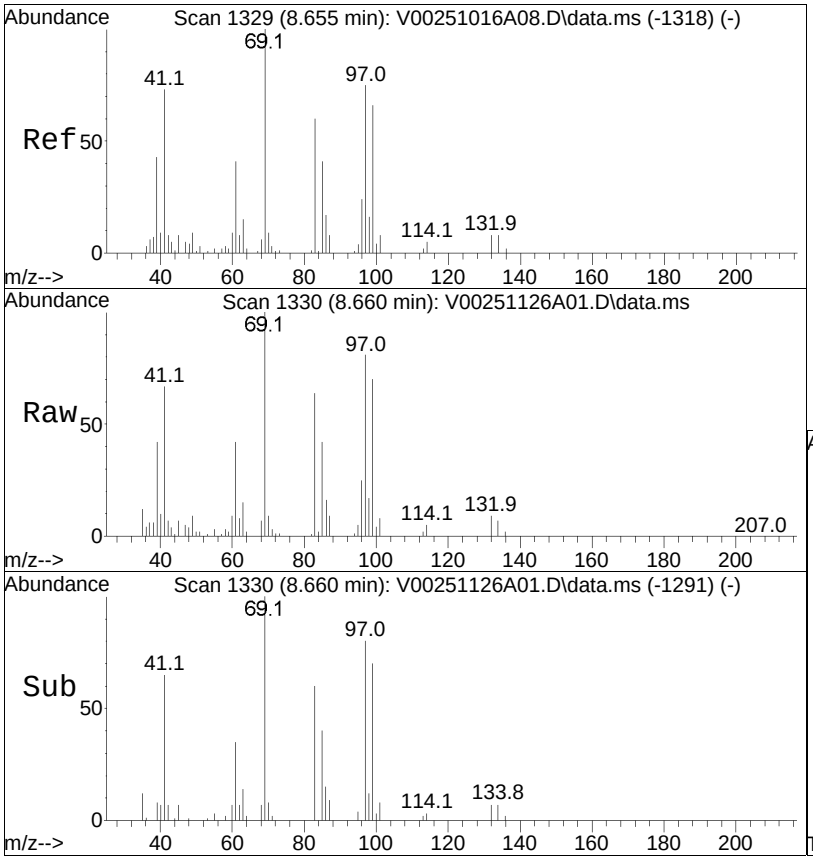


#66
trans-1,3-Dichloropropene
Concen: 43.82 ug/L
RT: 8.471 min Scan# 1294
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 75 Resp: 342222

Ion	Ratio	Lower	Upper
75	100		
77	31.6	11.8	51.8
39	45.8	23.7	63.7

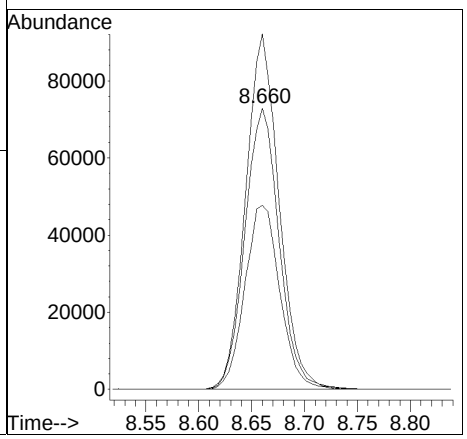


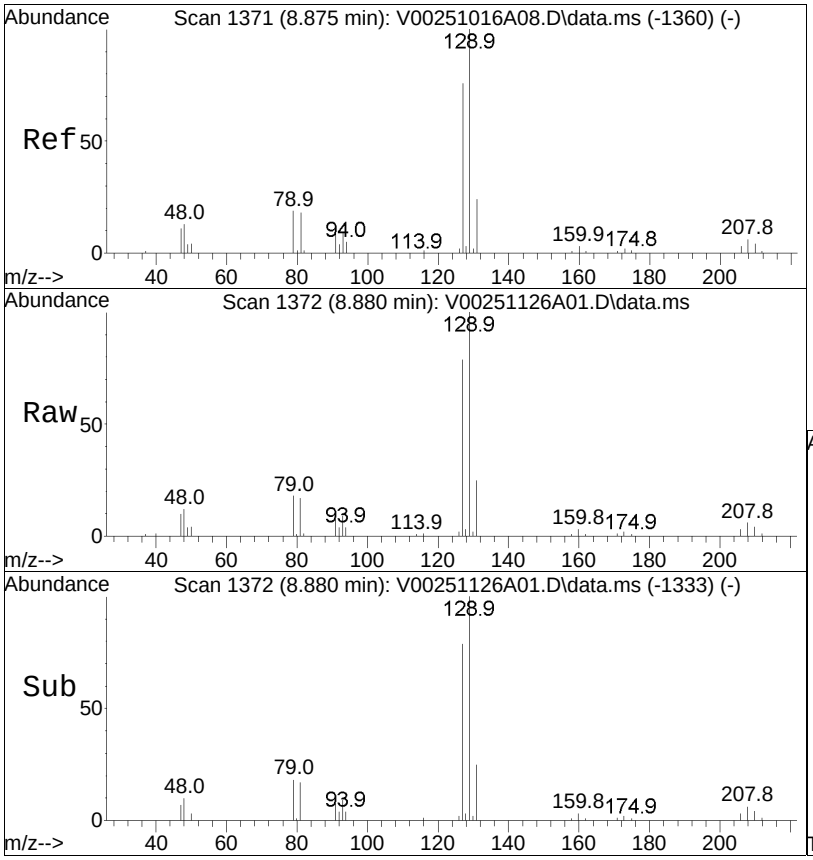


#69
1,1,2-Trichloroethane
Concen: 41.74 ug/L
RT: 8.660 min Scan# 1330
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 83 Resp: 164498

Ion	Ratio	Lower	Upper
83	100		
97	123.5	98.8	138.8
85	67.3	46.5	86.5

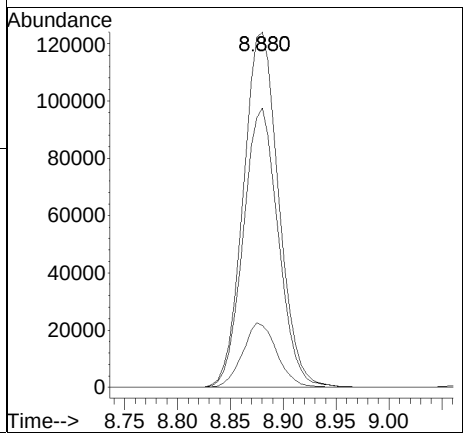


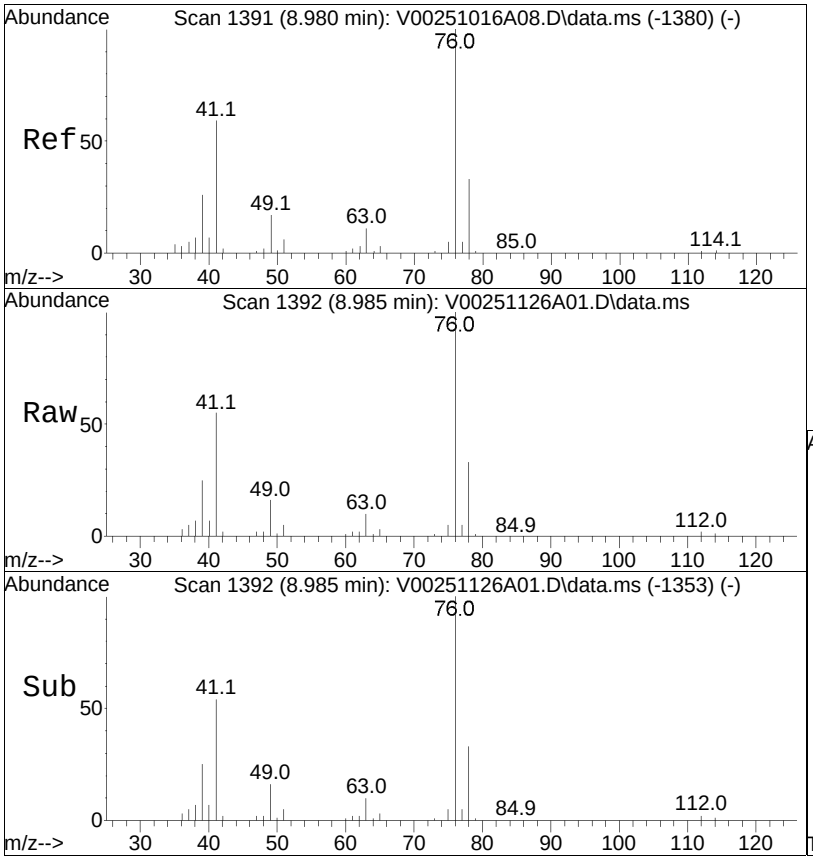


#70
Chlorodibromomethane
Concen: 47.80 ug/L
RT: 8.880 min Scan# 1372
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:129 Resp: 288938

Ion	Ratio	Lower	Upper
129	100		
81	17.7	0.1	40.1
127	77.9	58.4	98.4

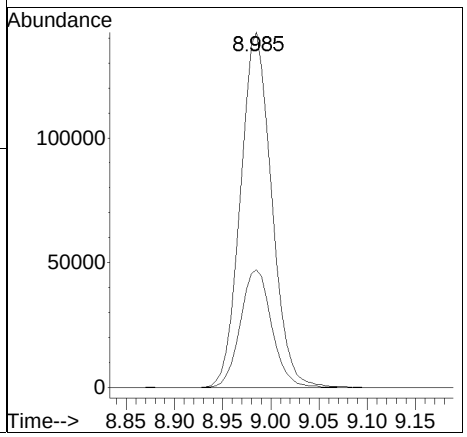


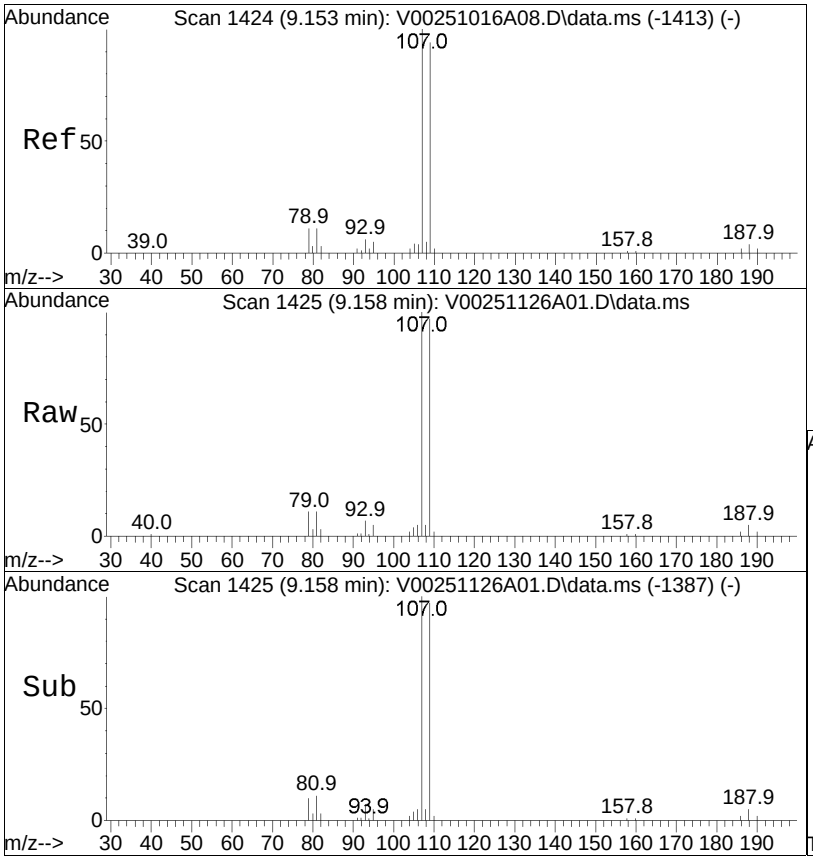


#71
1,3-Dichloropropane
Concen: 42.30 ug/L
RT: 8.985 min Scan# 1392
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 76 Resp: 320005

Ion	Ratio	Lower	Upper
76	100		
78	33.3	26.2	39.2

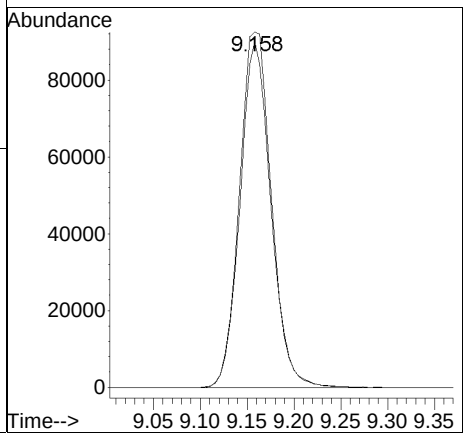


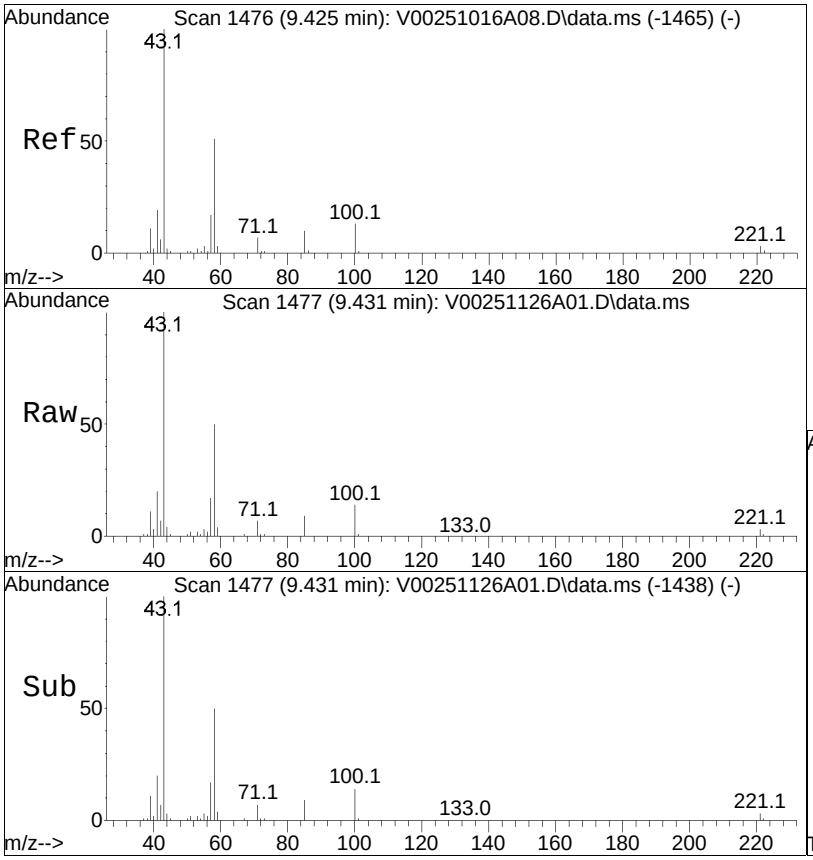


#72
1,2-Dibromoethane
Concen: 47.17 ug/L
RT: 9.158 min Scan# 1425
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:107 Resp: 220027

Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.4	113.0

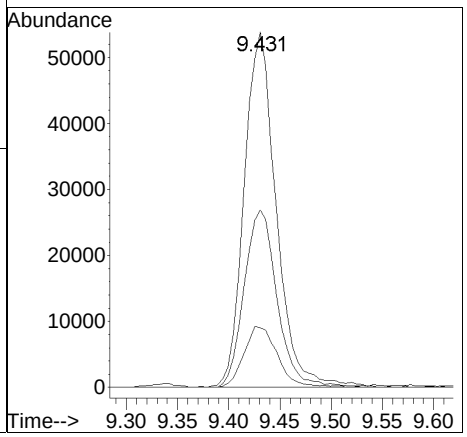


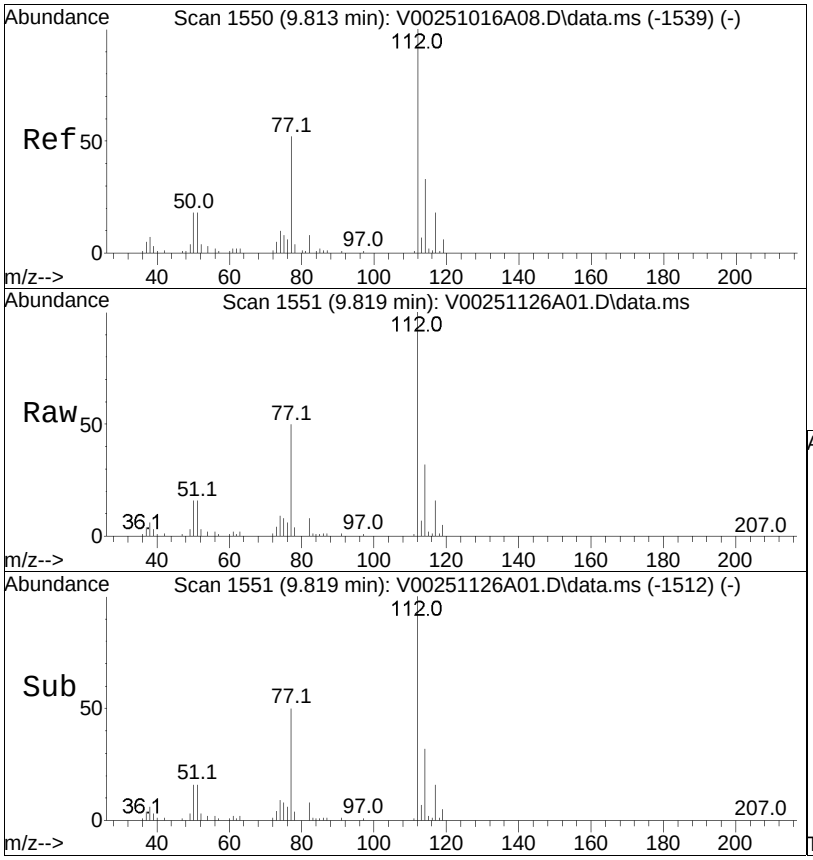


#73
2-Hexanone
Concen: 39.05 ug/L
RT: 9.431 min Scan# 1477
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 43 Resp: 117409

Ion	Ratio	Lower	Upper
43	100		
58	51.4	54.2	81.4#
57	18.0	17.8	26.6

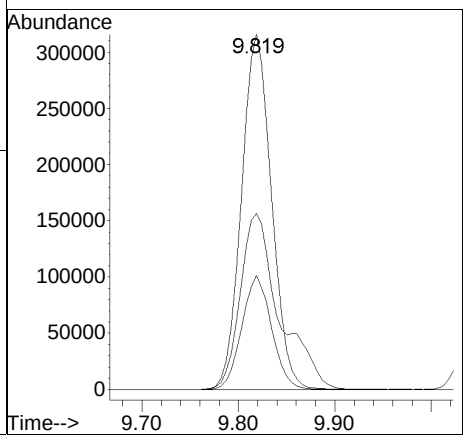


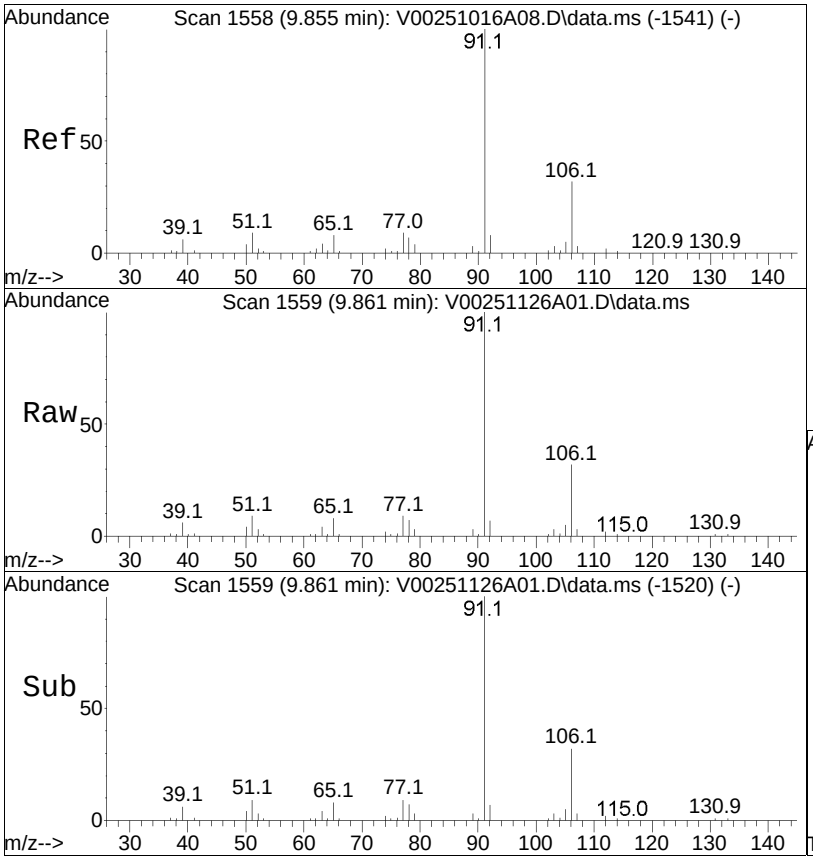


#74
Chlorobenzene
Concen: 43.64 ug/L
RT: 9.819 min Scan# 1551
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:112 Resp: 683066

Ion	Ratio	Lower	Upper
112	100		
77	64.7	57.9	86.9
114	31.8	25.7	38.5

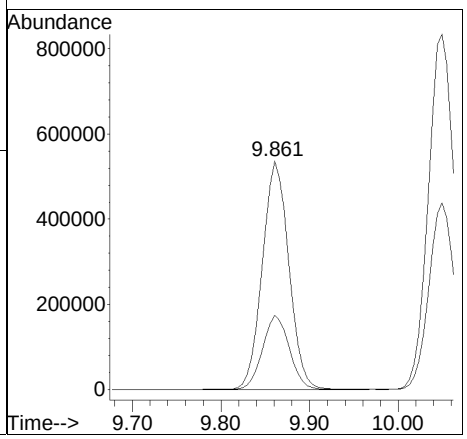


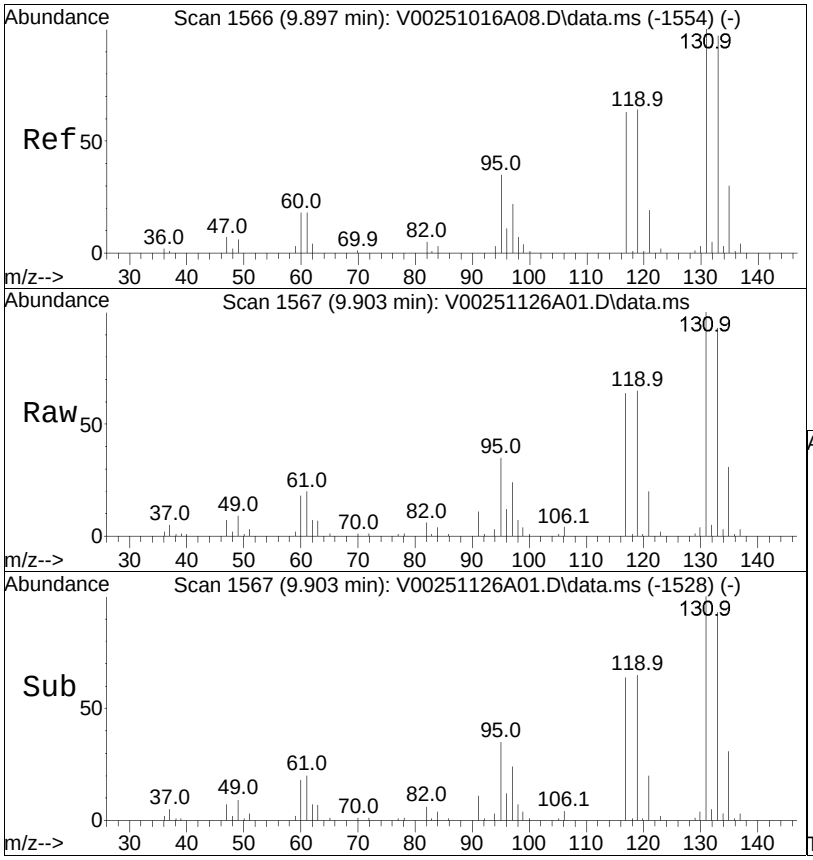


#75
Ethylbenzene
Concen: 43.54 ug/L
RT: 9.861 min Scan# 1559
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 91 Resp: 1115995

Ion	Ratio	Lower	Upper
91	100		
106	32.7	25.1	37.7

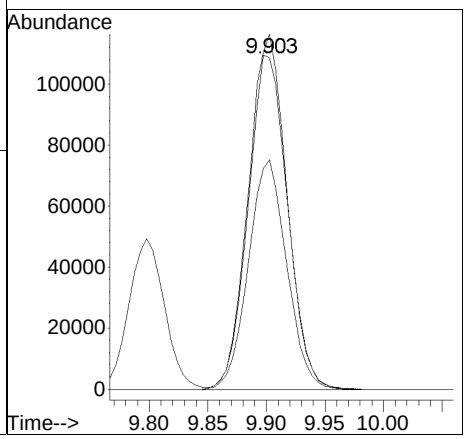


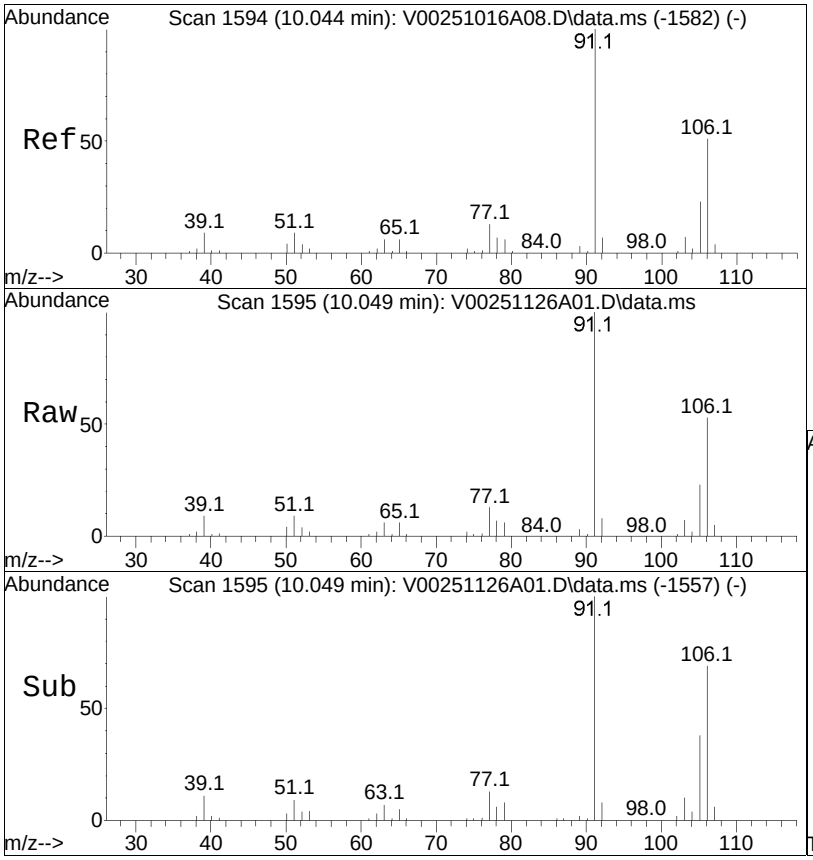


#76
1,1,1,2-Tetrachloroethane
Concen: 48.11 ug/L
RT: 9.903 min Scan# 1567
Delta R.T. 0.006 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:131 Resp: 267607

Ion	Ratio	Lower	Upper
131	100		
133	95.7	76.2	116.2
119	64.1	44.6	84.6

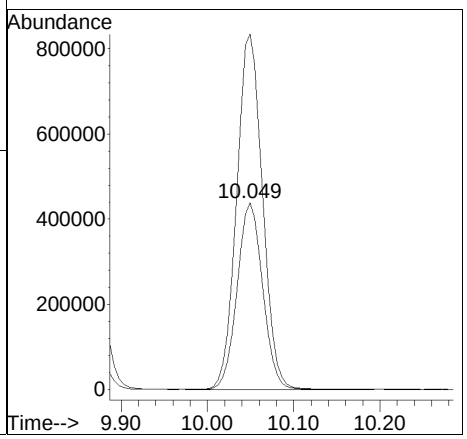


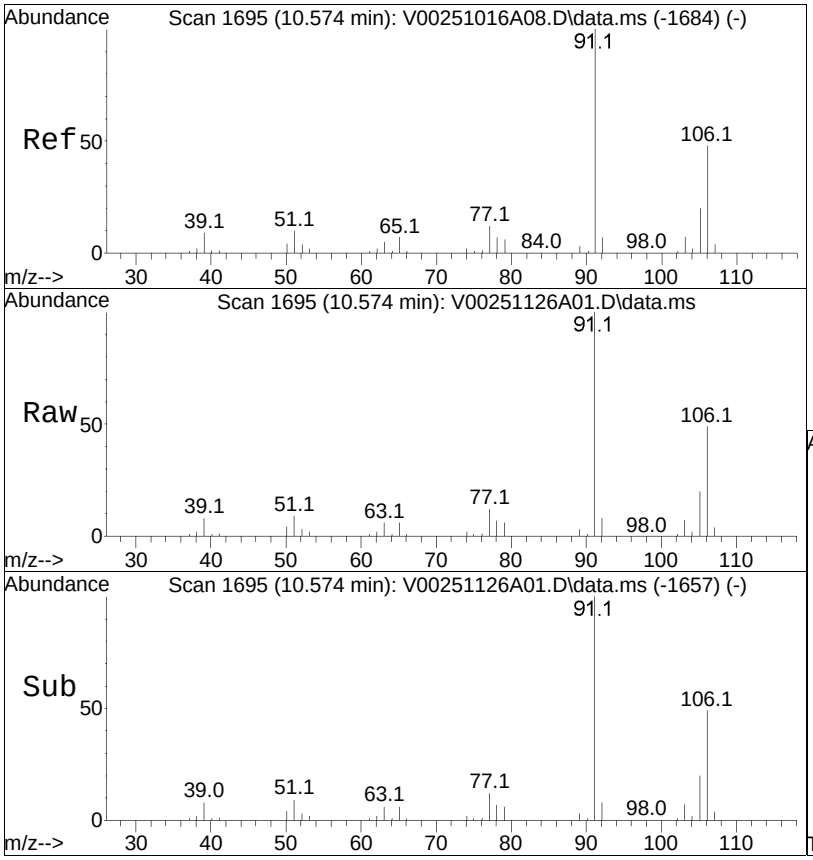


#77
p/m Xylene
Concen: 87.64 ug/L
RT: 10.049 min Scan# 1595
Delta R.T. -0.001 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:106 Resp: 900883

Ion	Ratio	Lower	Upper
106	100		
91	192.6	159.5	239.3

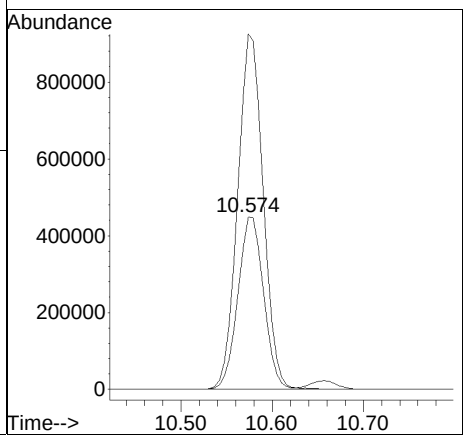


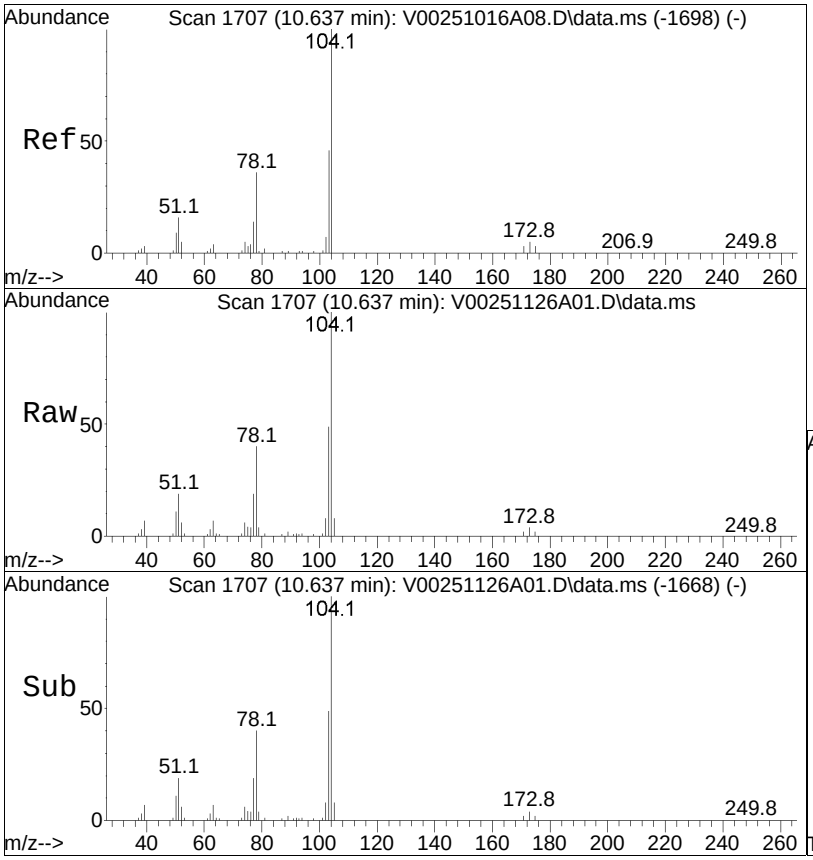


#78
o Xylene
Concen: 86.94 ug/L
RT: 10.574 min Scan# 1695
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:106 Resp: 886946

Ion	Ratio	Lower	Upper
106	100		
91	202.6	168.6	252.8

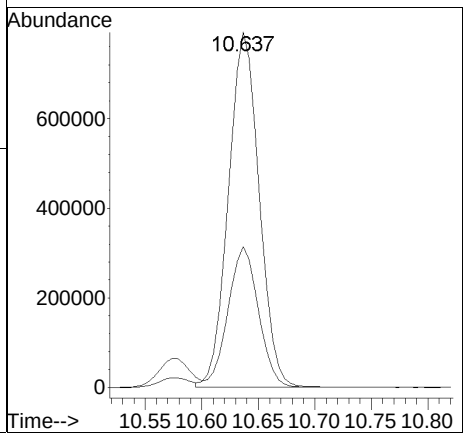


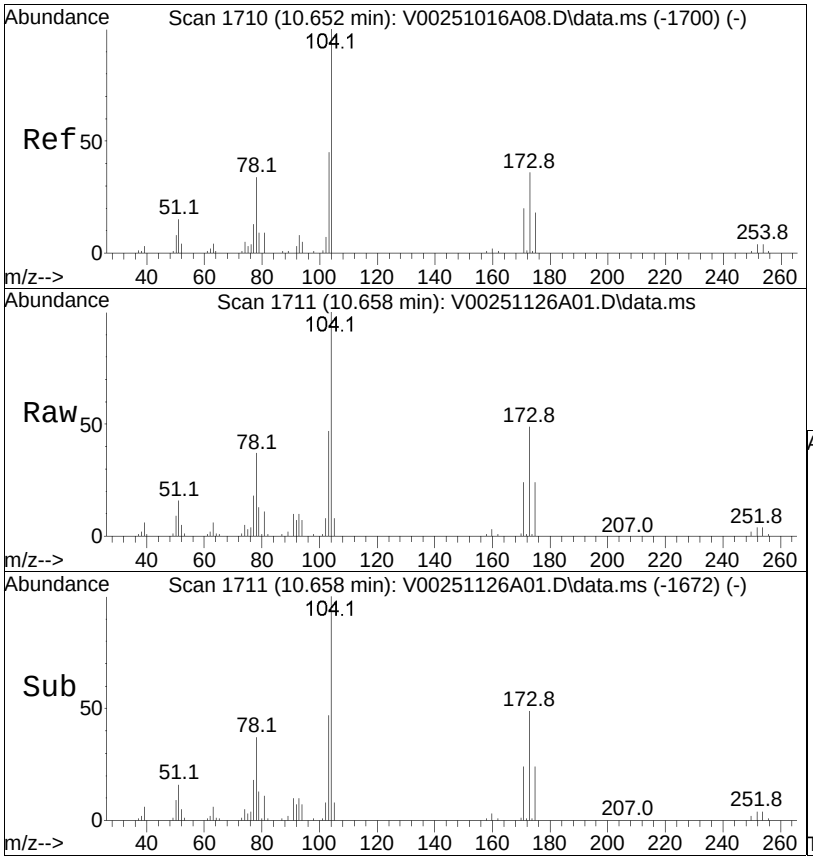


#79
Styrene
Concen: 85.42 ug/L
RT: 10.637 min Scan# 1707
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:104 Resp: 1497867

Ion	Ratio	Lower	Upper
104	100		
78	39.3	33.8	50.6

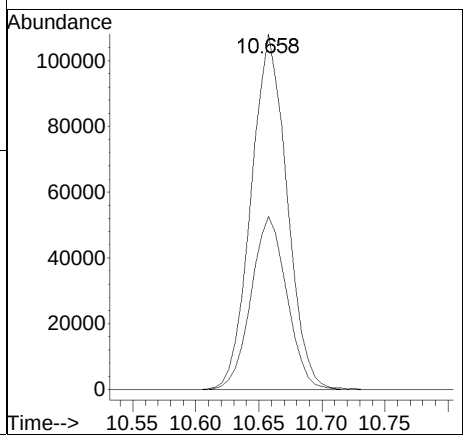


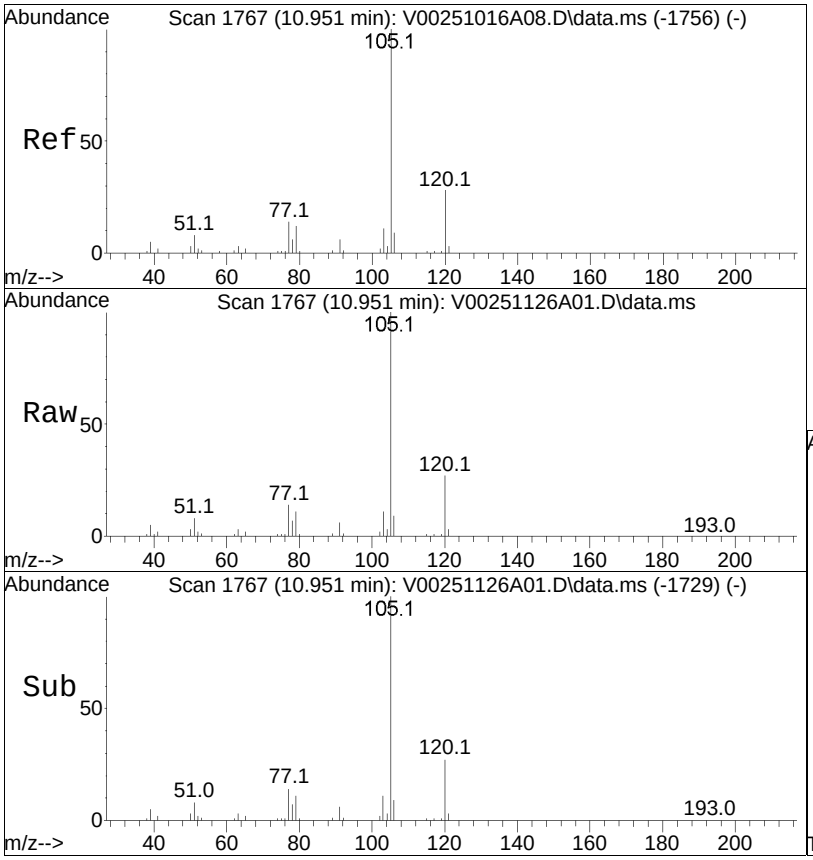


#81
Bromoform
Concen: 45.67 ug/L
RT: 10.658 min Scan# 1711
Delta R.T. 0.006 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:173 Resp: 213386

Ion	Ratio	Lower	Upper
173	100		
175	48.5	27.8	67.8

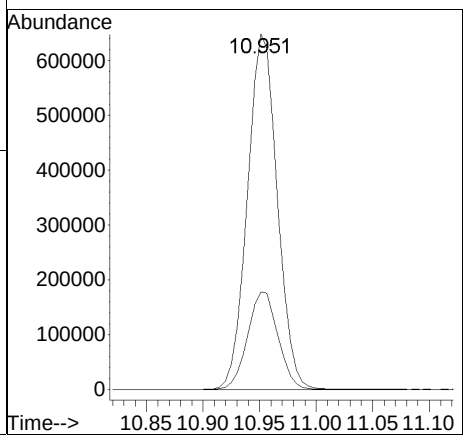


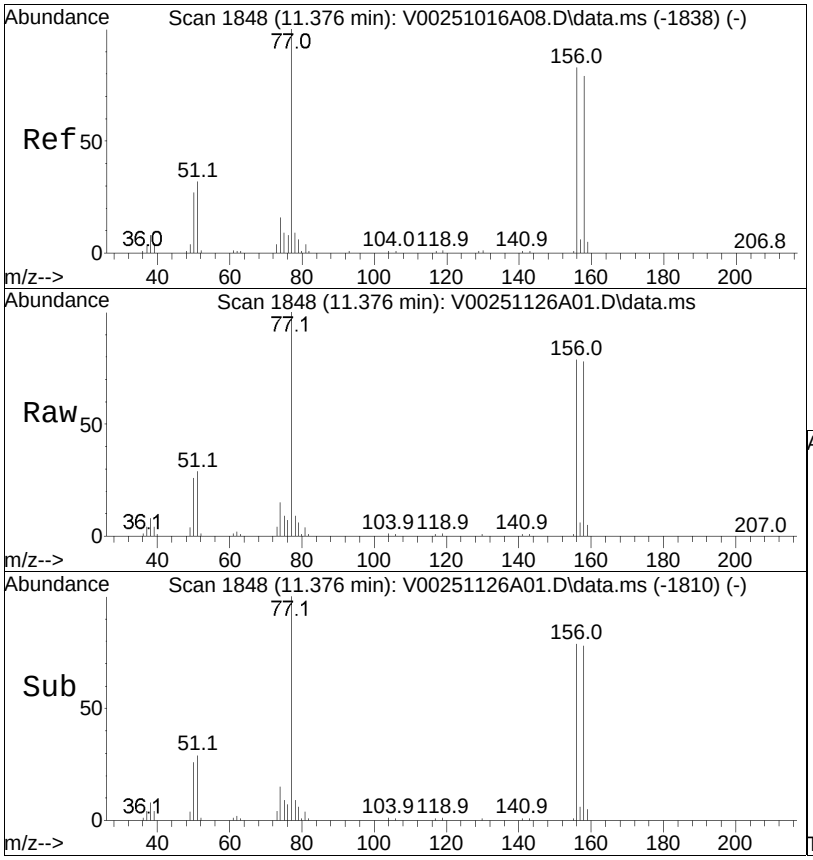


#83
Isopropylbenzene
Concen: 43.28 ug/L
RT: 10.951 min Scan# 1767
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:105 Resp: 1188063

Ion	Ratio	Lower	Upper
105	100		
120	27.9	6.4	46.4

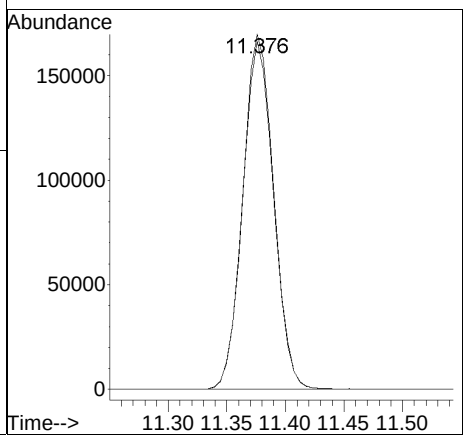


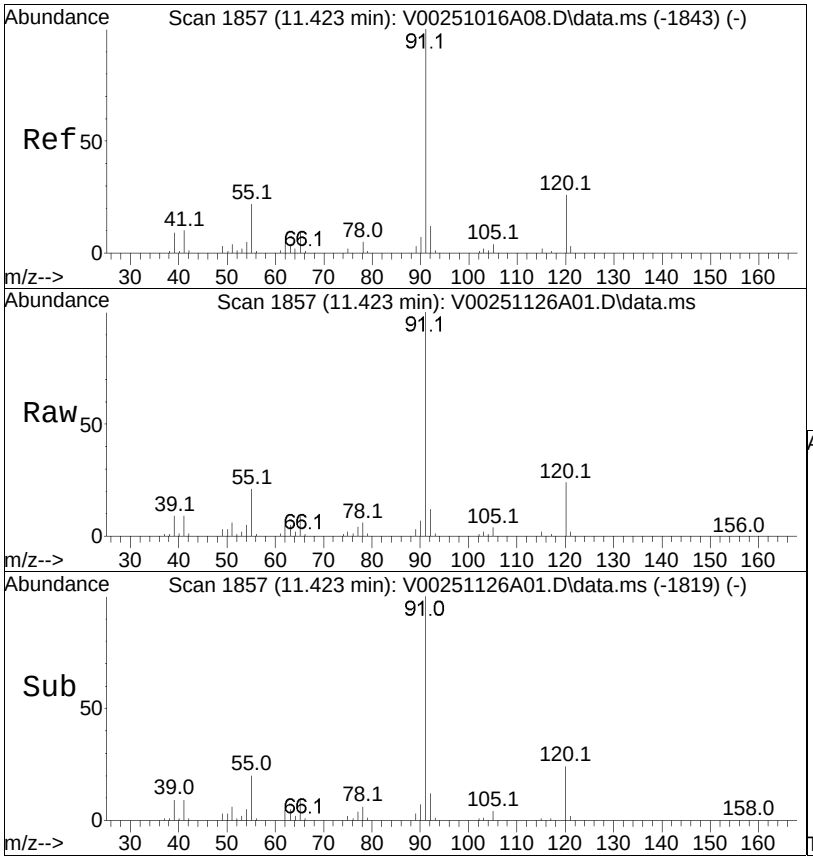


#85
Bromobenzene
Concen: 44.30 ug/L
RT: 11.376 min Scan# 1848
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:156 Resp: 312263

Ion	Ratio	Lower	Upper
156	100		
158	97.3	76.9	115.3

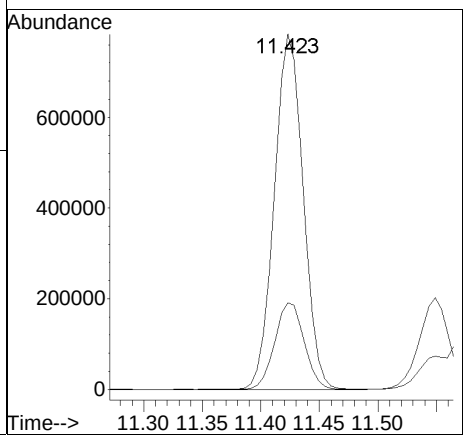


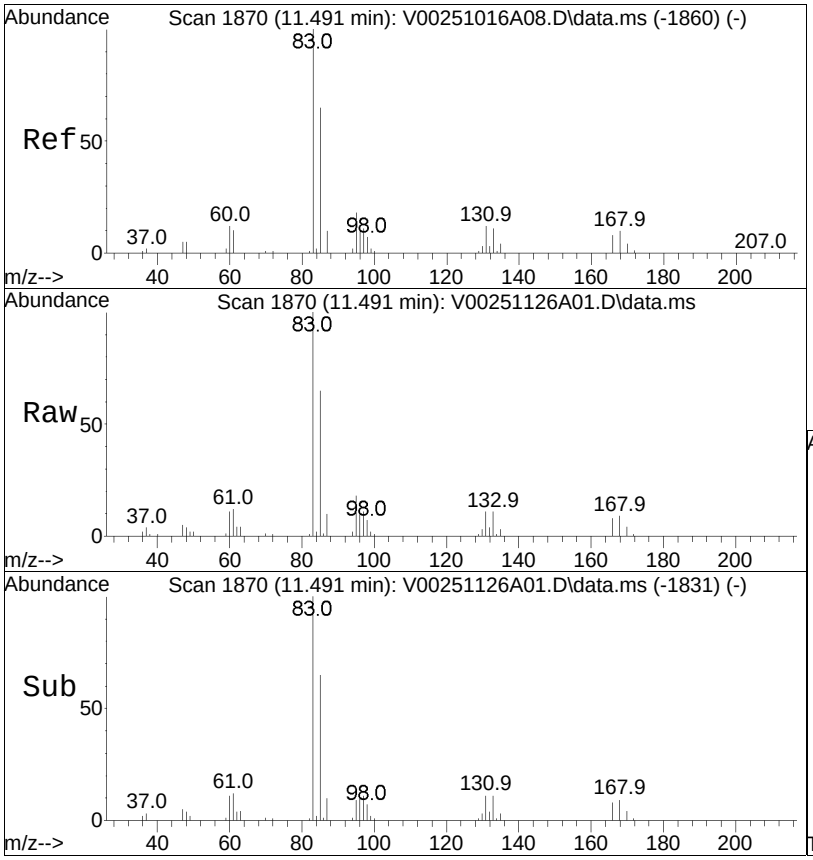


#86
n-Propylbenzene
Concen: 40.58 ug/L
RT: 11.423 min Scan# 1857
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 91 Resp: 1343905

Ion	Ratio	Lower	Upper
91	100		
120	24.8	18.2	27.2

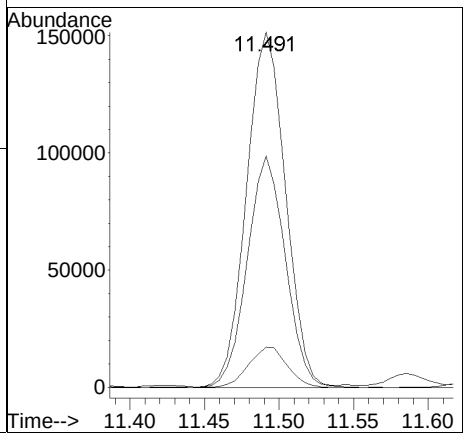


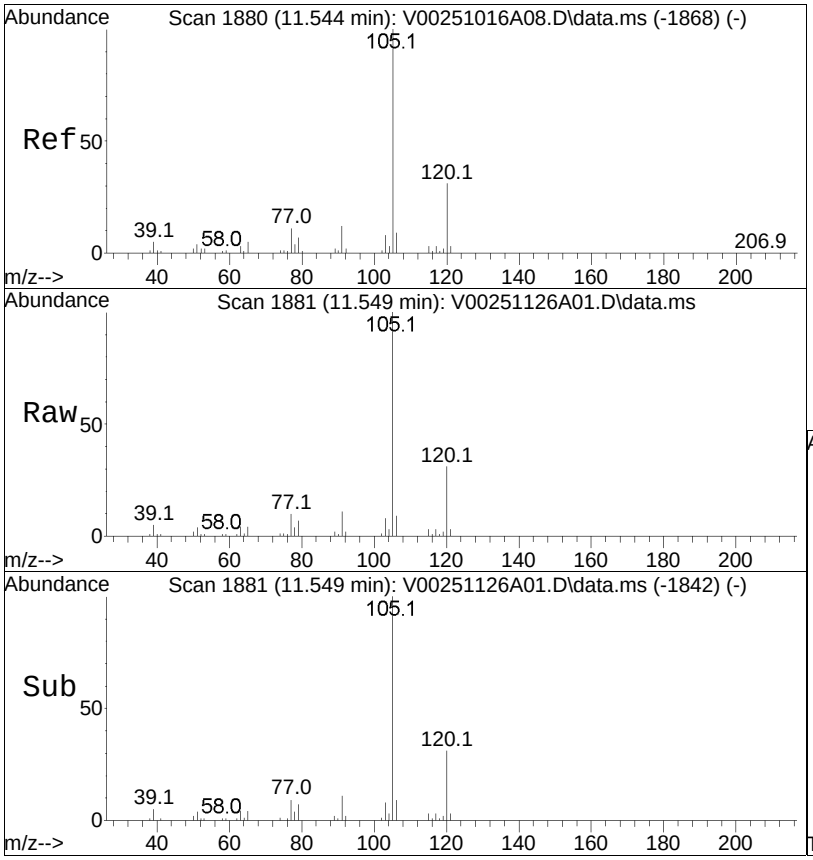


#88
1,1,2,2-Tetrachloroethane
Concen: 40.77 ug/L
RT: 11.491 min Scan# 1870
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 83 Resp: 275867

Ion	Ratio	Lower	Upper
83	100		
131	11.3	0.0	30.1
85	63.4	45.9	85.9

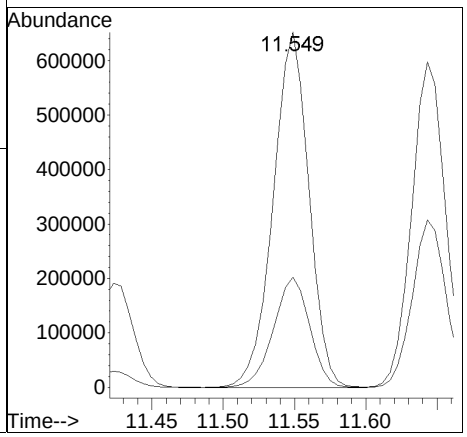


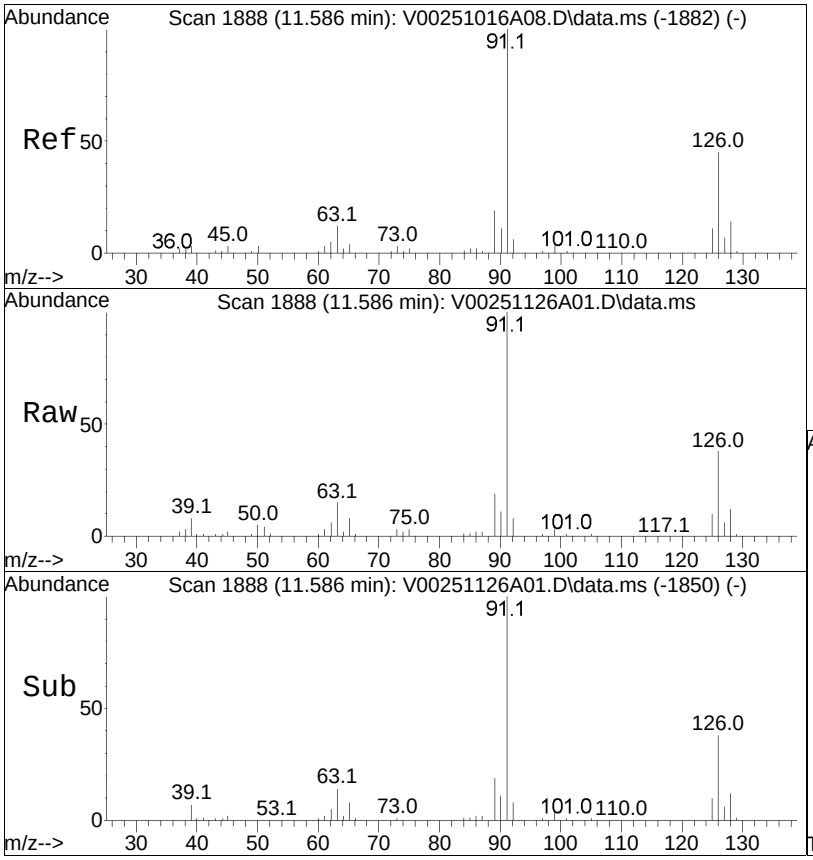


#89
4-Ethyltoluene
Concen: 42.03 ug/L
RT: 11.549 min Scan# 1881
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:105 Resp: 1135811

Ion	Ratio	Lower	Upper
105	100		
120	31.4	19.3	40.1

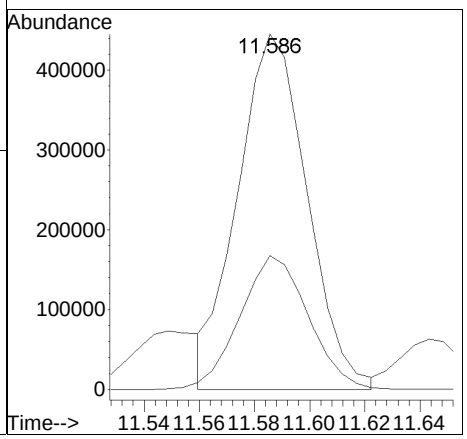


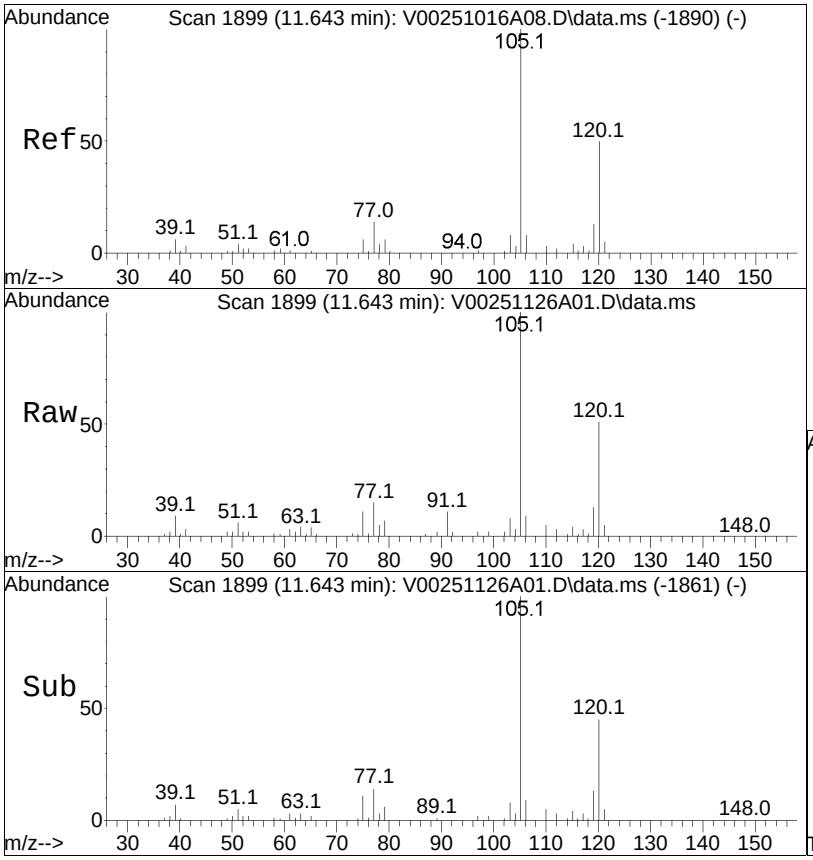


#90
2-Chlorotoluene
Concen: 41.36 ug/L M6
RT: 11.586 min Scan# 1888
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 91 Resp: 778311

Ion	Ratio	Lower	Upper
91	100		
126	37.0	27.1	40.7

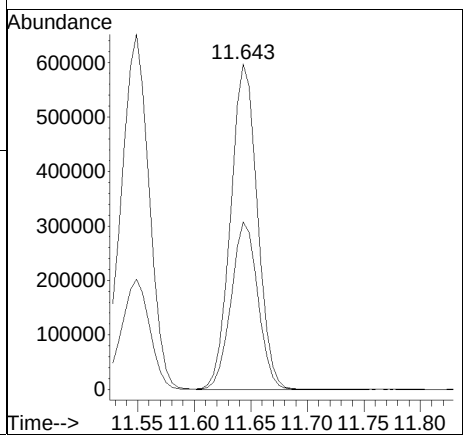


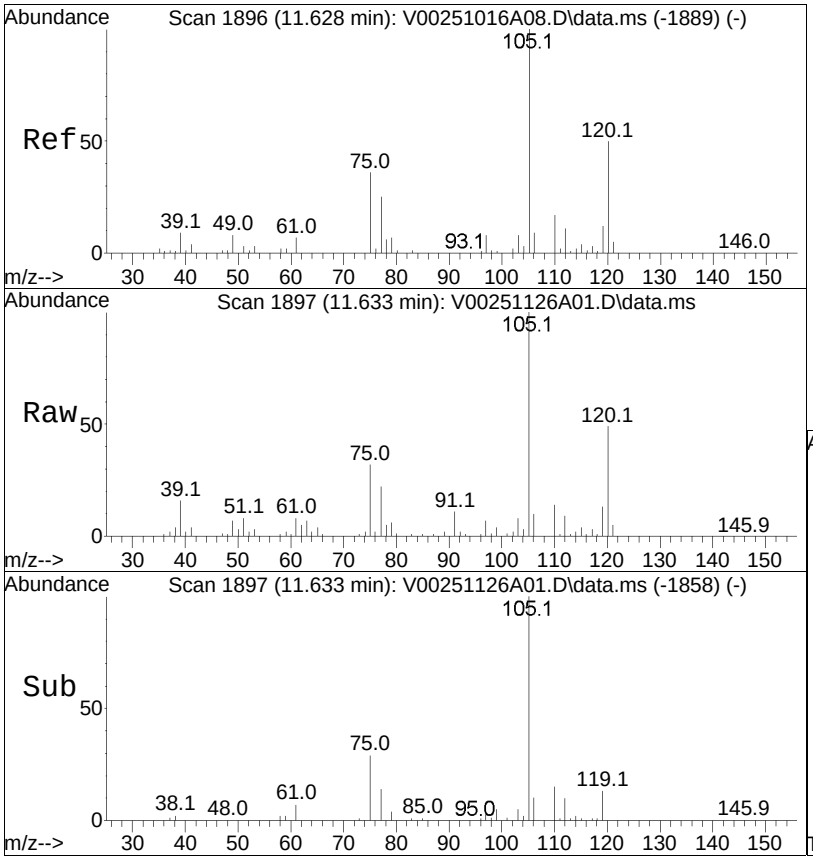


#91
1,3,5-Trimethylbenzene
Concen: 42.22 ug/L
RT: 11.643 min Scan# 1899
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:105 Resp: 983681

Ion	Ratio	Lower	Upper
105	100		
120	51.5	39.1	58.7

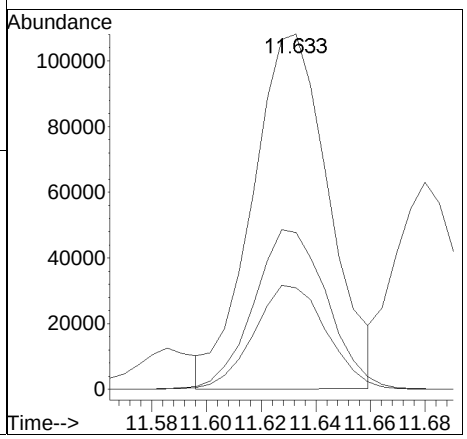


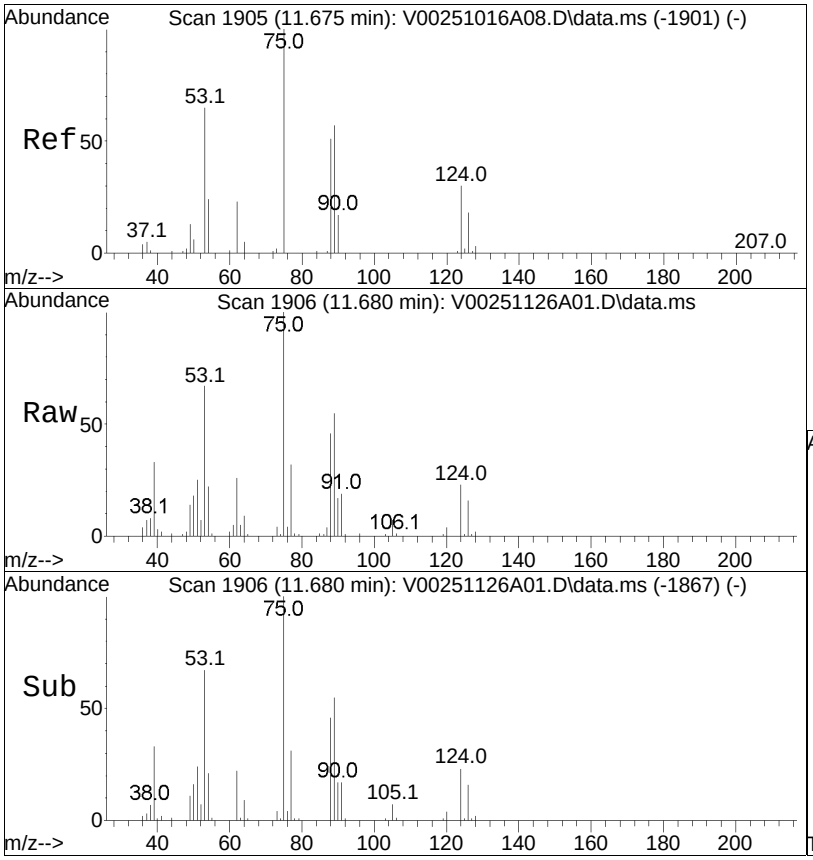


#92
1,2,3-Trichloropropane
Concen: 39.52 ug/L
RT: 11.633 min Scan# 1897
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 75 Resp: 210654

Ion	Ratio	Lower	Upper
75	100		
110	43.2	24.5	50.9
112	28.0	15.3	31.9

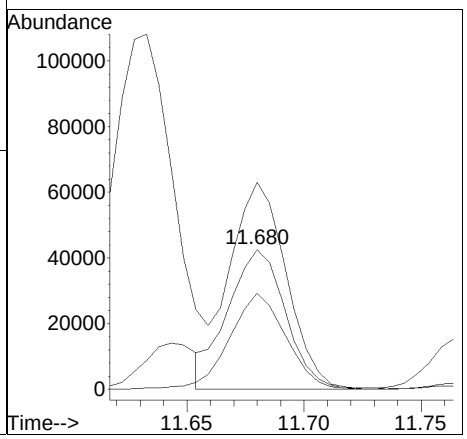


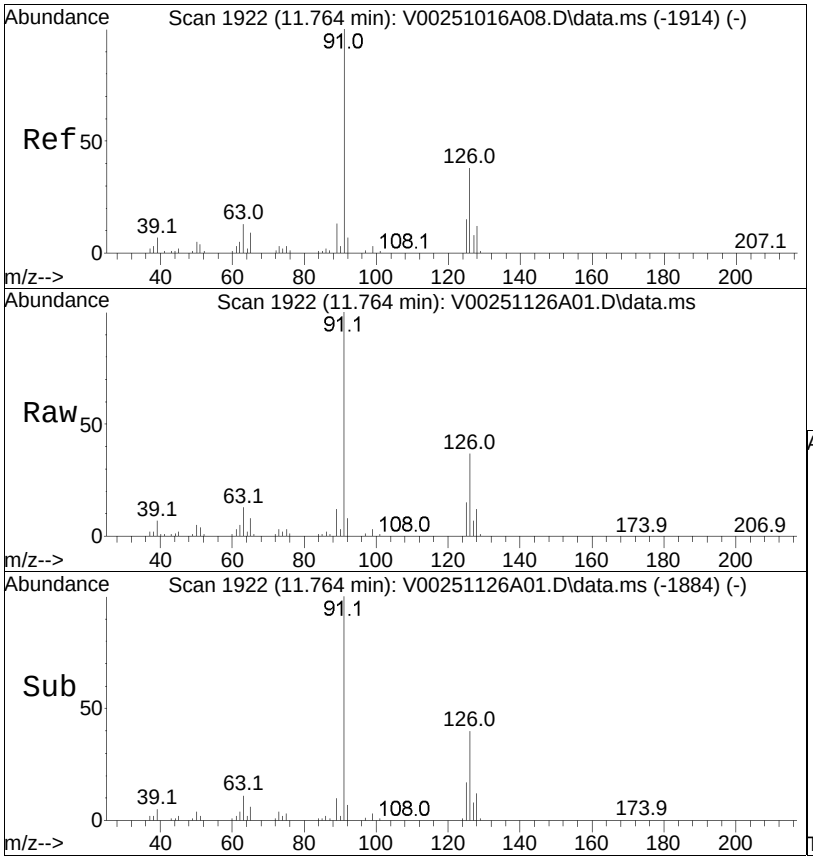


#93
trans-1,4-Dichloro-2-butene
Concen: 41.22 ug/L
RT: 11.680 min Scan# 1906
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 53 Resp: 72911

Ion	Ratio	Lower	Upper
53	100		
88	67.4	44.2	66.4#
75	141.5	100.8	151.2

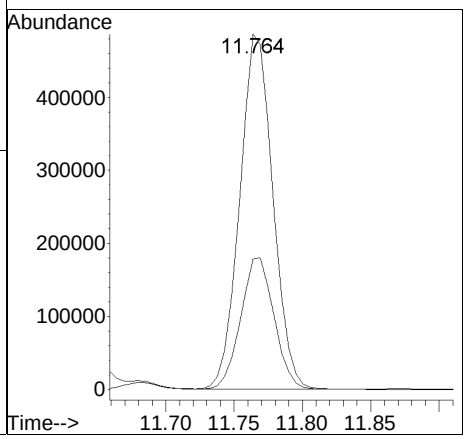


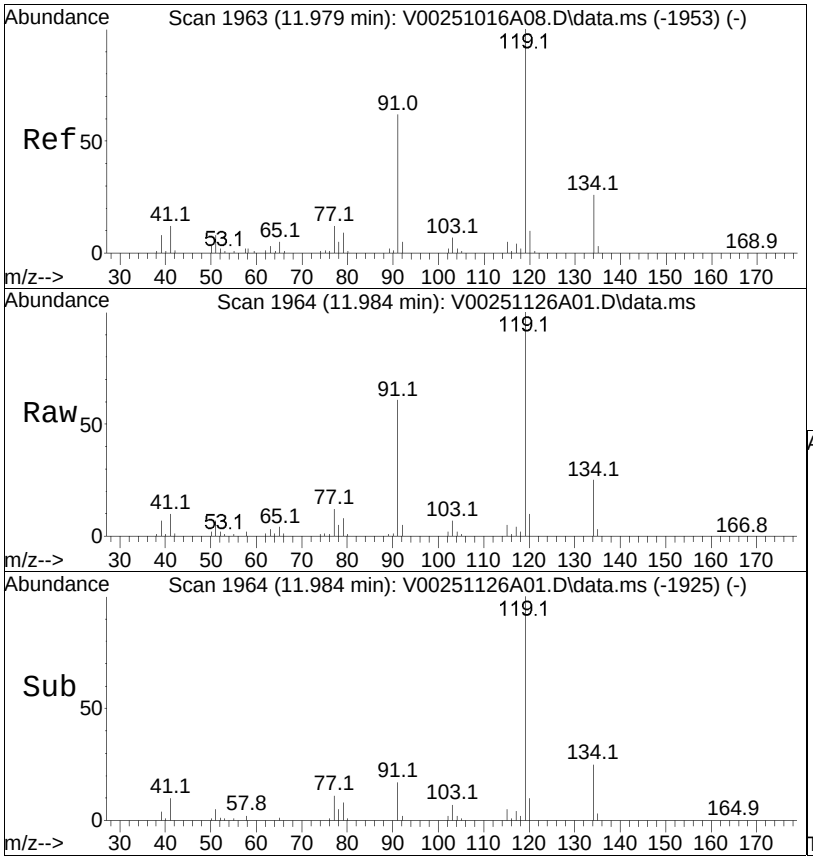


#94
4-Chlorotoluene
Concen: 42.09 ug/L
RT: 11.764 min Scan# 1922
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 91 Resp: 818746

Ion	Ratio	Lower	Upper
91	100		
126	37.5	27.3	40.9

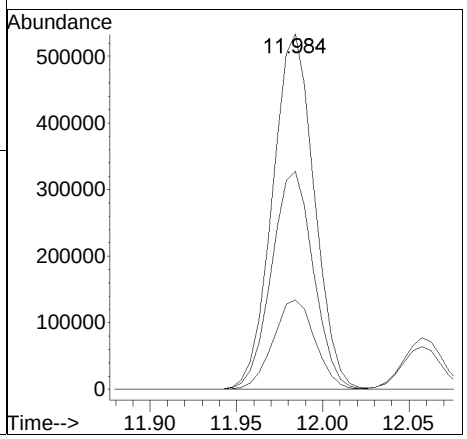


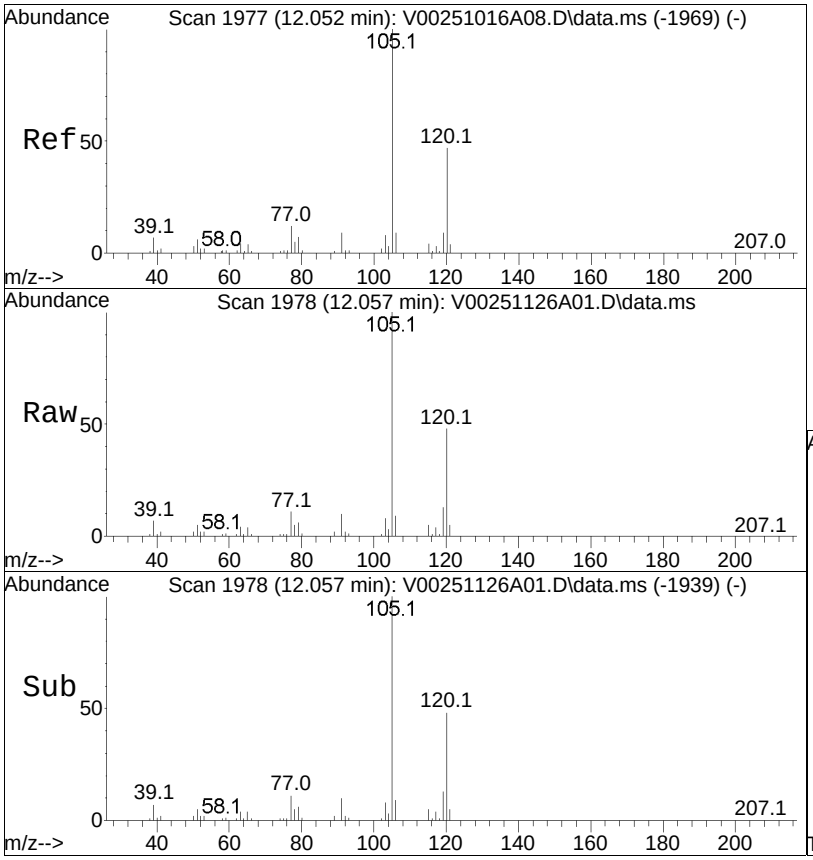


#95
tert-Butylbenzene
Concen: 43.69 ug/L
RT: 11.984 min Scan# 1964
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:119 Resp: 900230

Ion	Ratio	Lower	Upper
119	100		
91	61.5	54.8	82.2
134	25.3	20.6	30.8

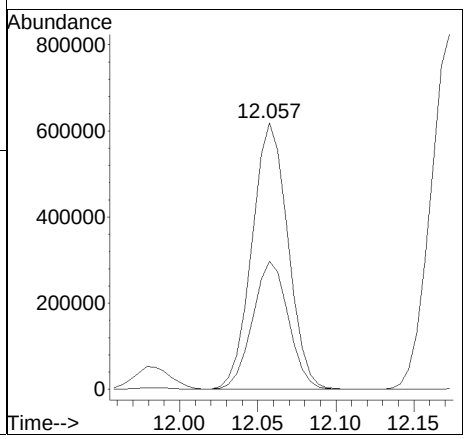


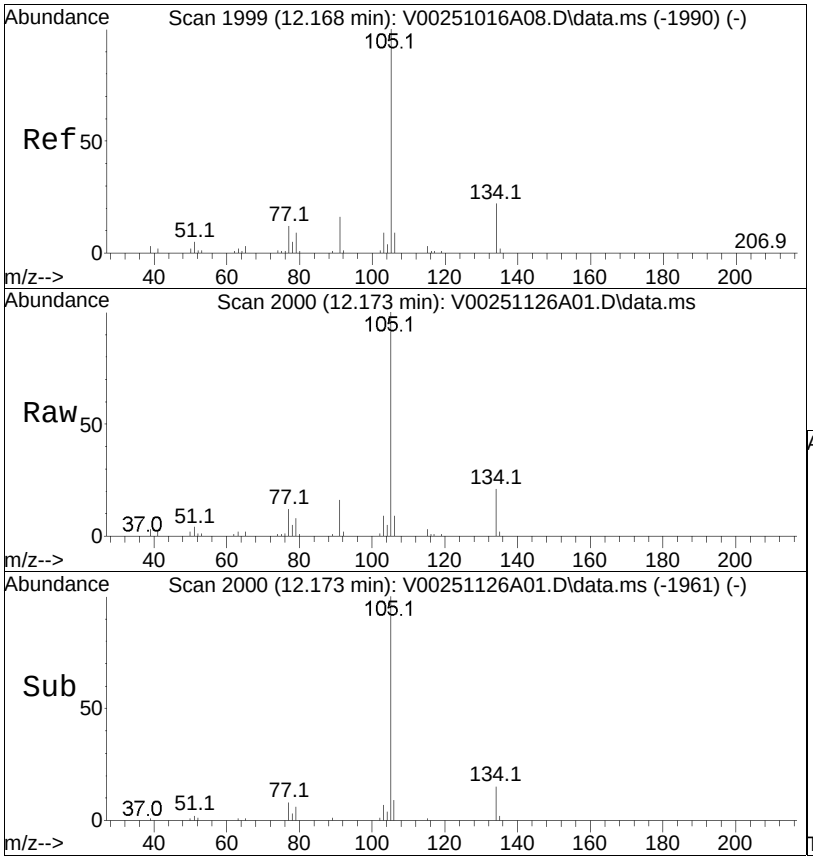


#98
1,2,4-Trimethylbenzene
Concen: 43.20 ug/L
RT: 12.057 min Scan# 1978
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:105 Resp: 990194

Ion	Ratio	Lower	Upper
105	100		
120	48.0	37.1	55.7

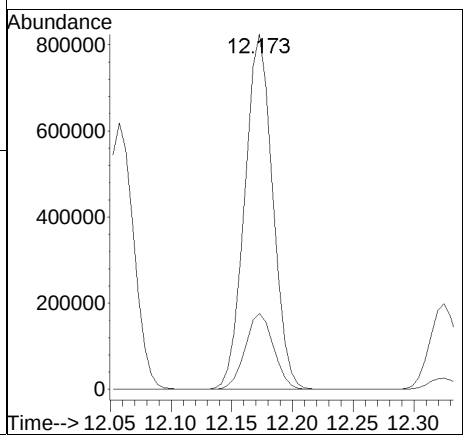


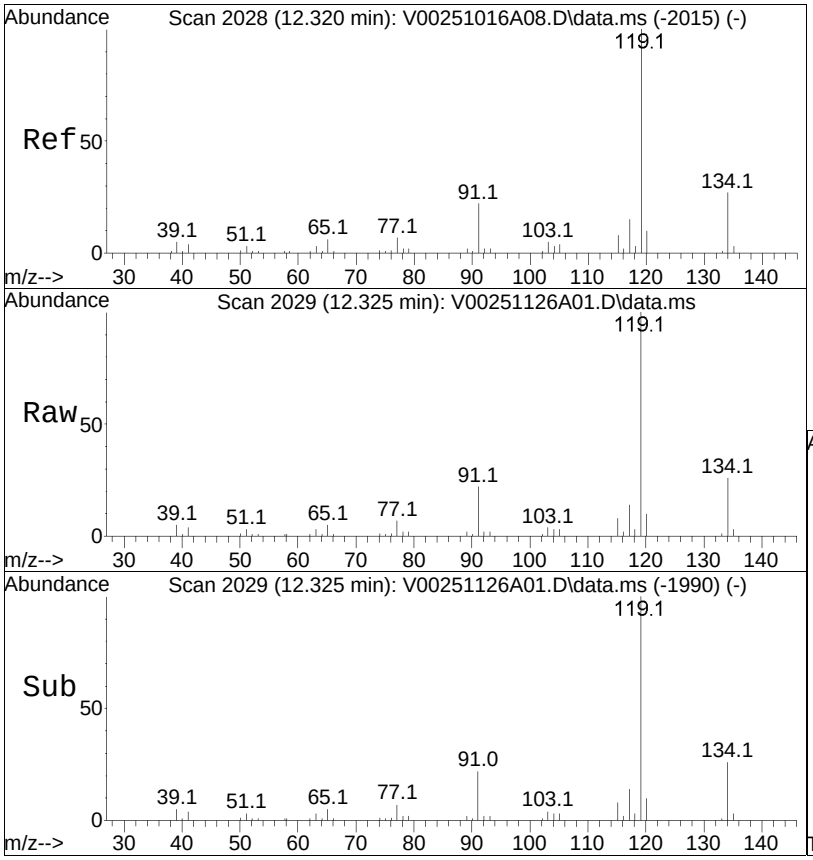


#99
sec-Butylbenzene
Concen: 43.47 ug/L
RT: 12.173 min Scan# 2000
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:105 Resp: 1318783

Ion	Ratio	Lower	Upper
105	100		
134	21.8	13.5	27.9

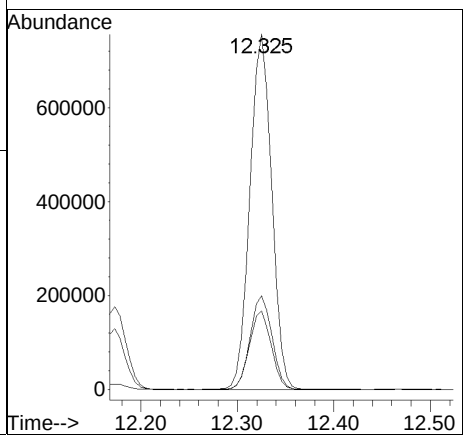


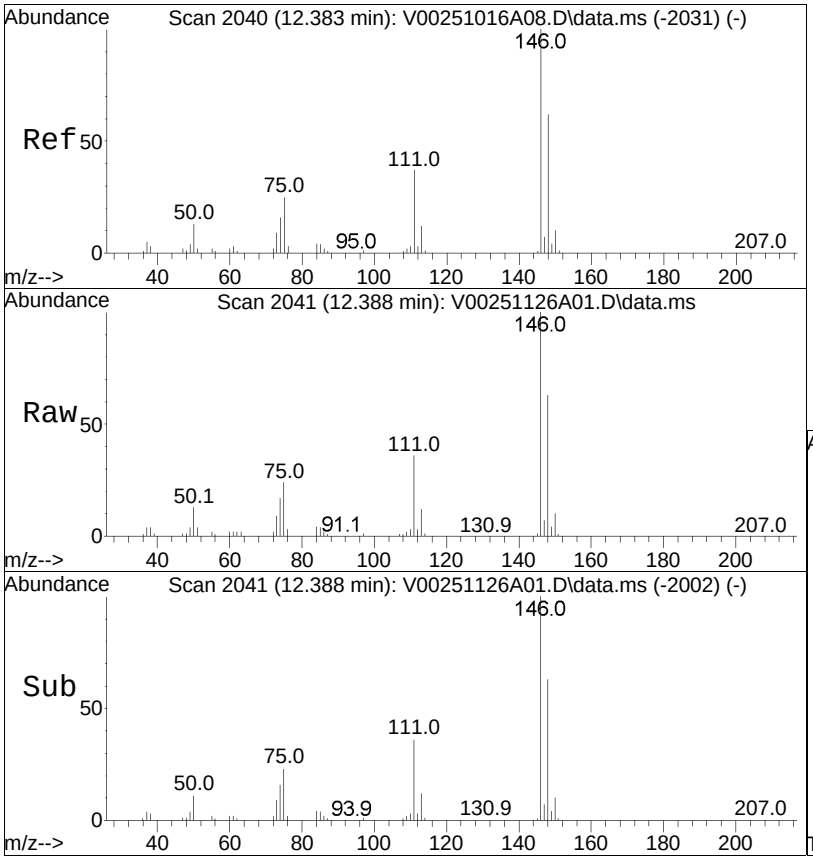


#100
p-Isopropyltoluene
Concen: 44.31 ug/L
RT: 12.325 min Scan# 2029
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:119 Resp: 1188648

Ion	Ratio	Lower	Upper
119	100		
134	26.4	17.4	36.0
91	22.1	15.8	32.8

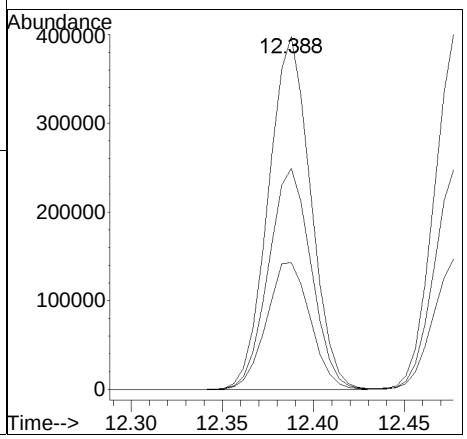


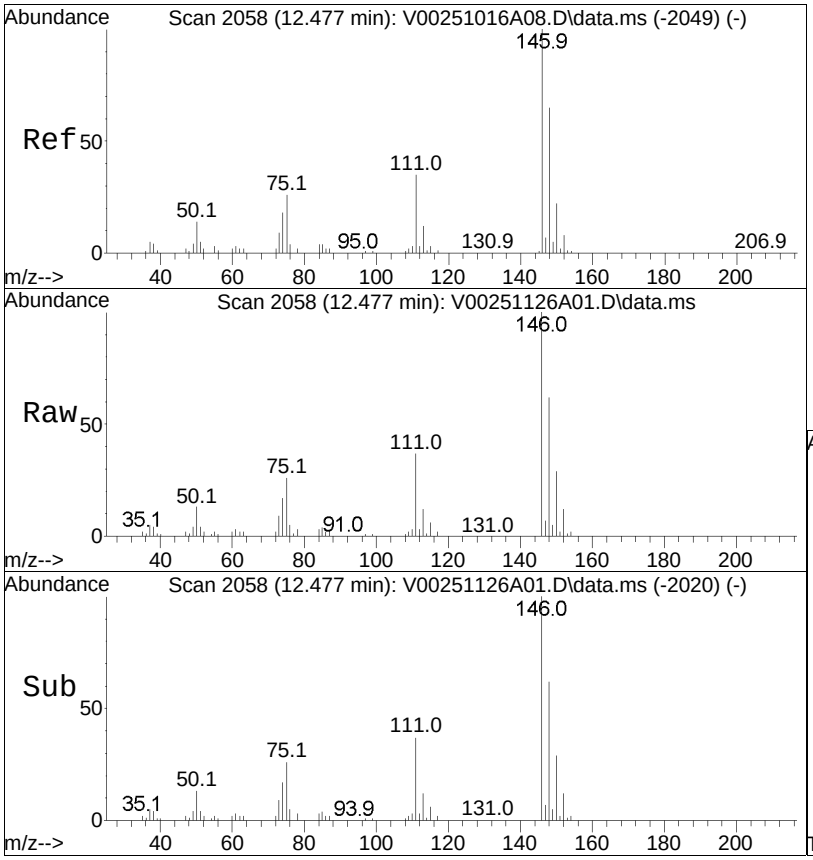


#101
1,3-Dichlorobenzene
Concen: 45.74 ug/L
RT: 12.388 min Scan# 2041
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:146 Resp: 641473

Ion	Ratio	Lower	Upper
146	100		
111	37.3	26.1	54.1
148	63.4	40.8	84.8

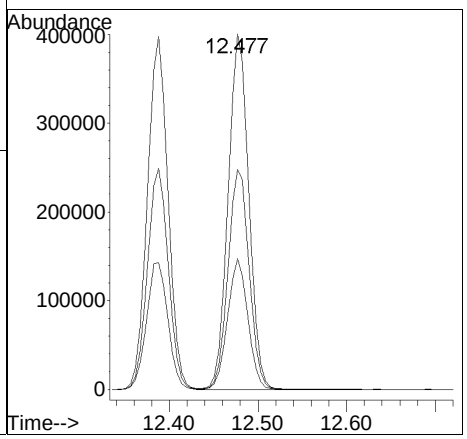


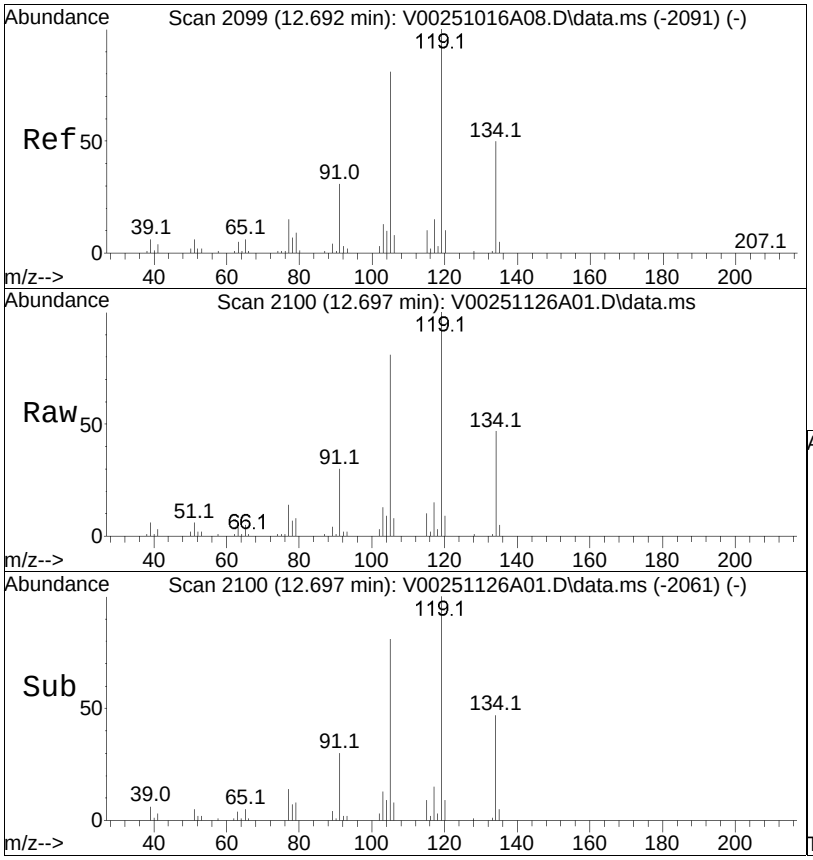


#102
1,4-Dichlorobenzene
Concen: 45.77 ug/L
RT: 12.477 min Scan# 2058
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:146 Resp: 648991

Ion	Ratio	Lower	Upper
146	100		
111	36.1	32.1	48.1
148	63.1	50.6	75.8

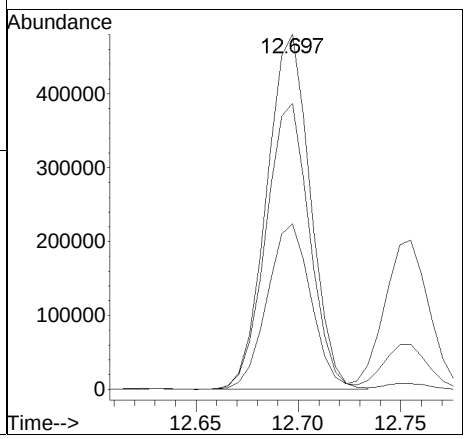


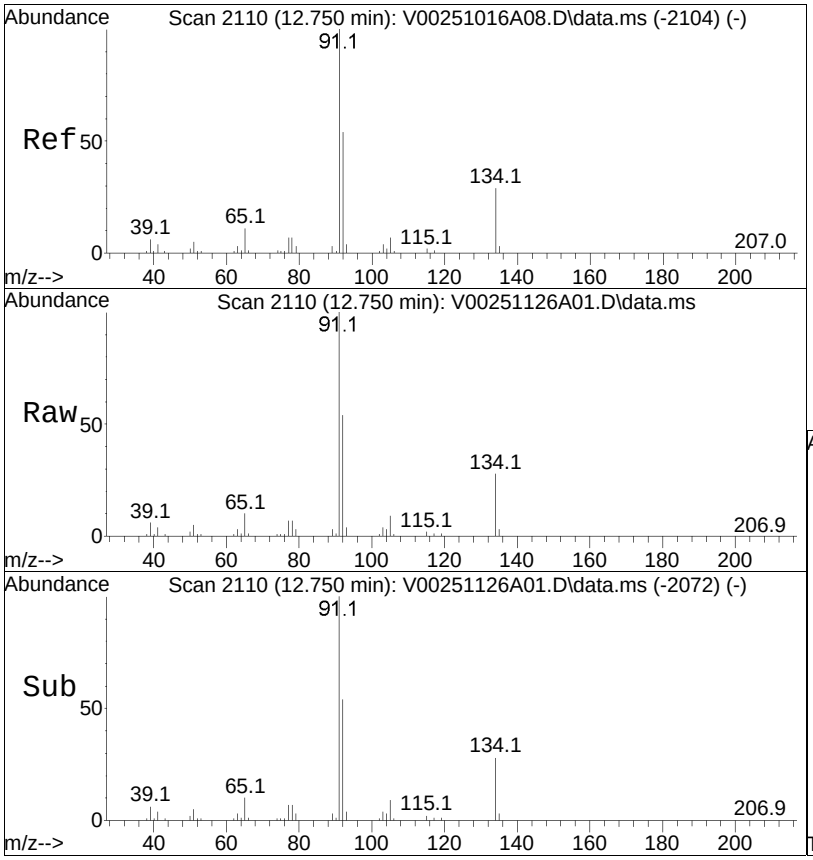


#103
p-Diethylbenzene
Concen: 44.27 ug/L
RT: 12.697 min Scan# 2100
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:119 Resp: 712843

Ion	Ratio	Lower	Upper
119	100		
105	80.7	56.4	117.0
134	46.7	30.4	63.0

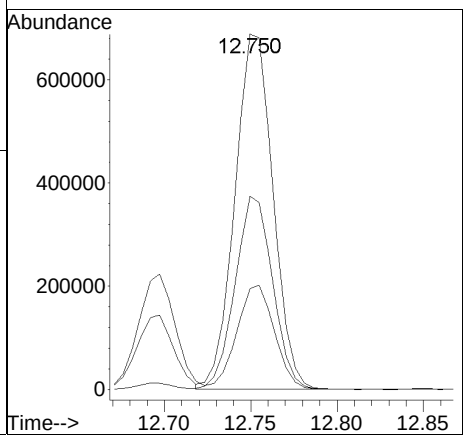


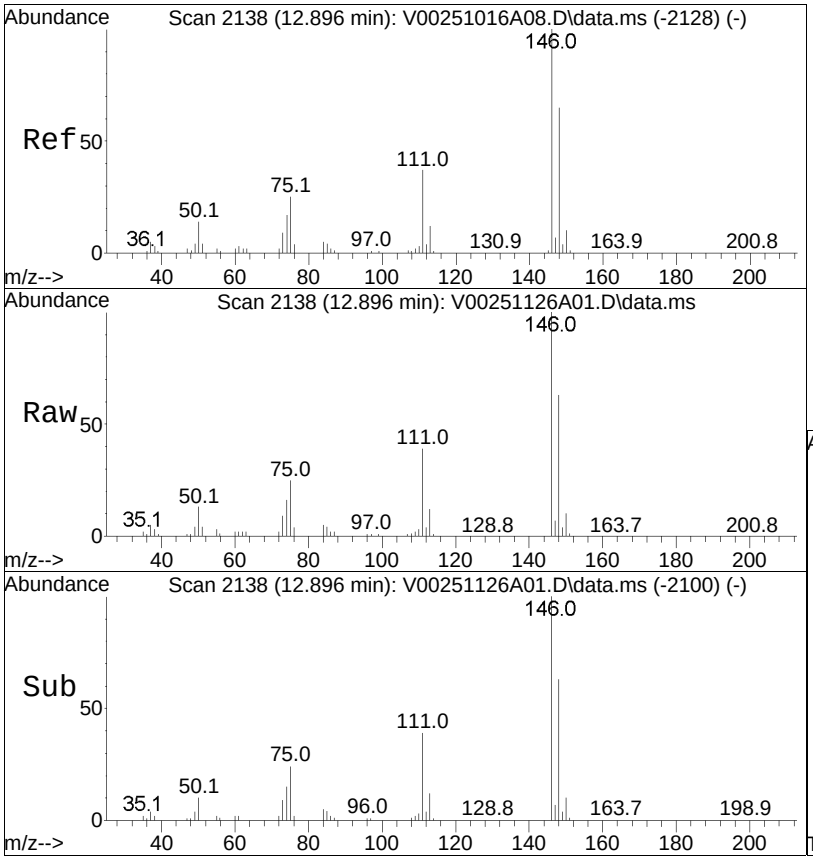


#104
n-Butylbenzene
Concen: 45.02 ug/L
RT: 12.750 min Scan# 2110
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion: 91 Resp: 1058008

Ion	Ratio	Lower	Upper
91	100		
92	53.6	43.7	65.5
134	29.0	21.5	32.3

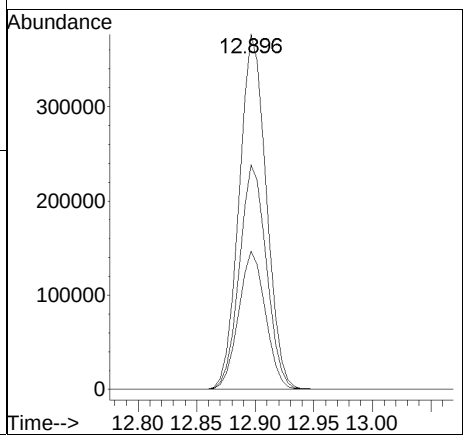


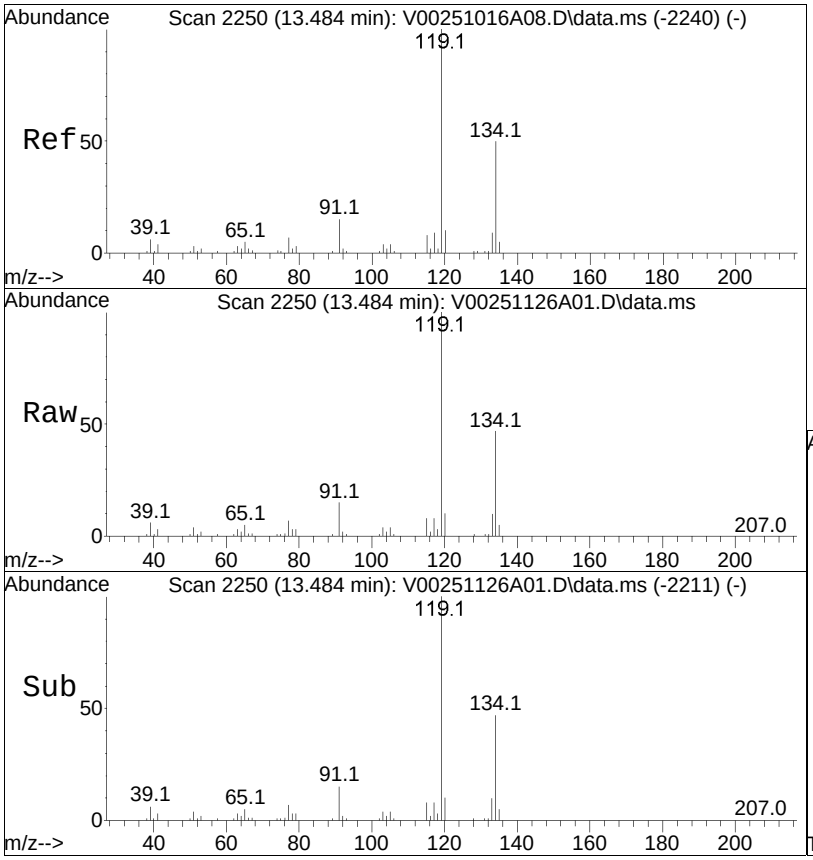


#105
1,2-Dichlorobenzene
Concen: 46.54 ug/L
RT: 12.896 min Scan# 2138
Delta R.T. -0.001 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:146 Resp: 608149

Ion	Ratio	Lower	Upper
146	100		
111	38.6	26.9	55.9
148	63.2	40.3	83.7

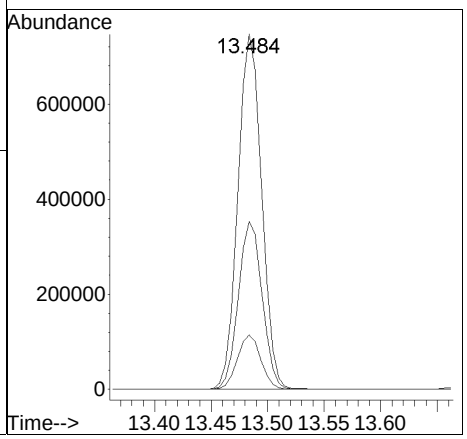


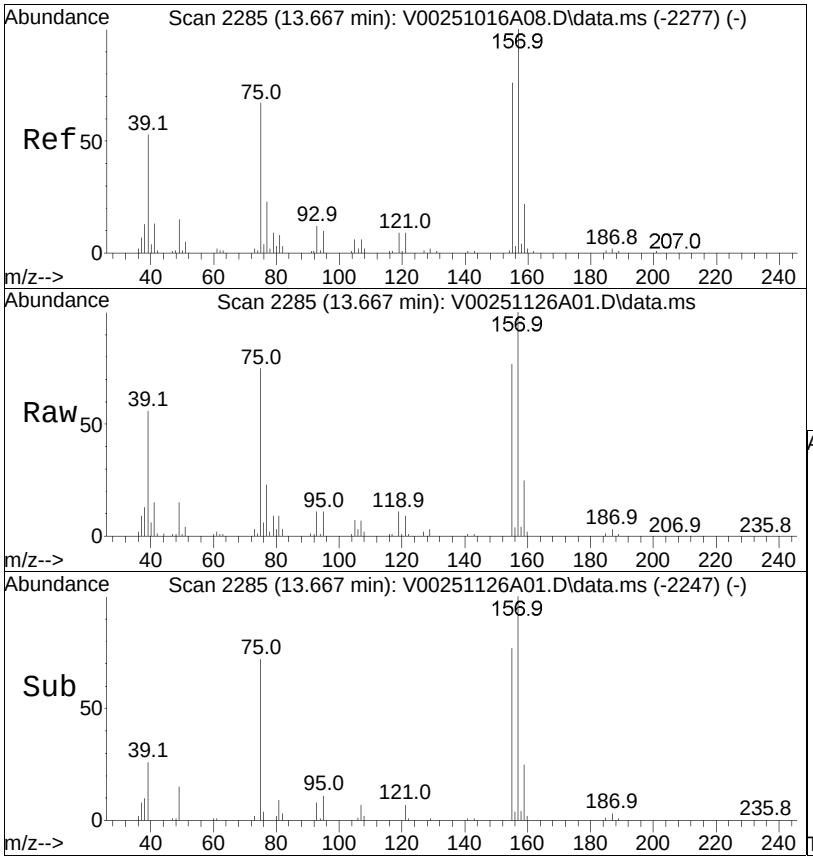


#106
1,2,4,5-Tetramethylbenzene
Concen: 45.21 ug/L
RT: 13.484 min Scan# 2250
Delta R.T. 0.006 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:119 Resp: 1093708

Ion	Ratio	Lower	Upper
119	100		
134	47.4	31.0	64.4
91	15.2	10.7	22.1

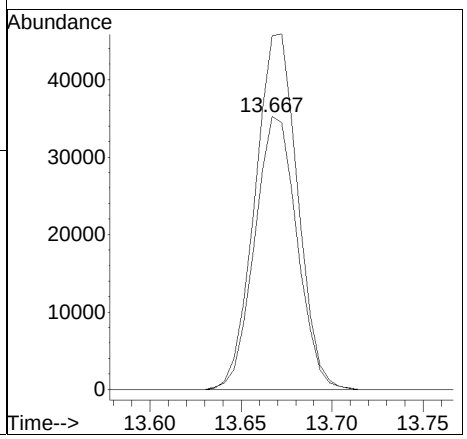


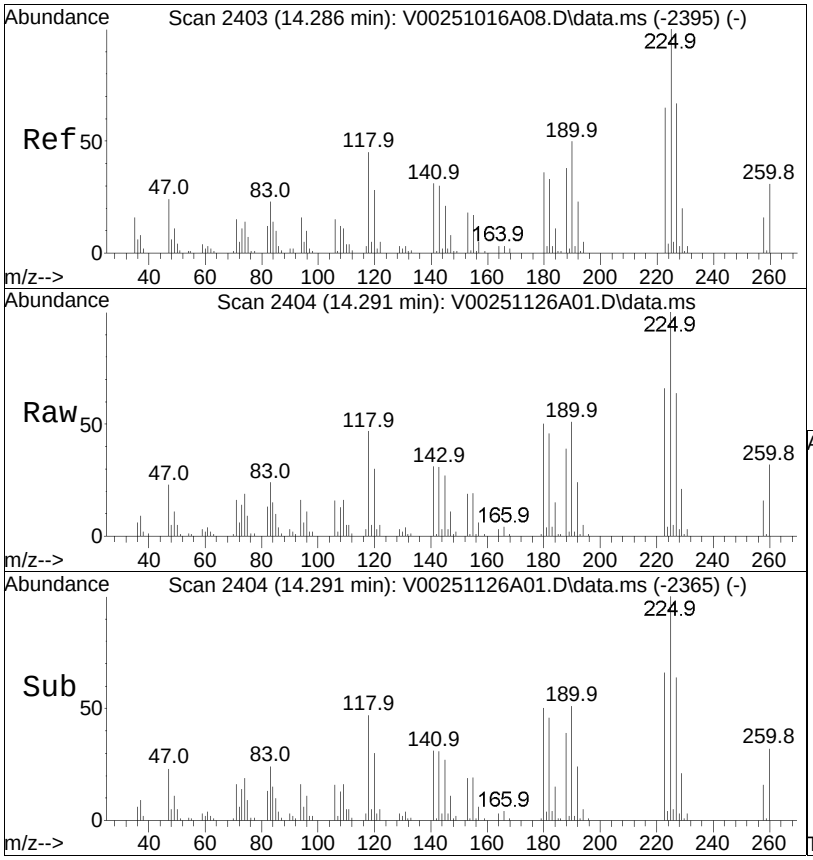


#107
1,2-Dibromo-3-chloropropane
Concen: 46.90 ug/L
RT: 13.667 min Scan# 2285
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:155 Resp: 56940

Ion	Ratio	Lower	Upper
155	100		
157	131.0	97.0	145.4

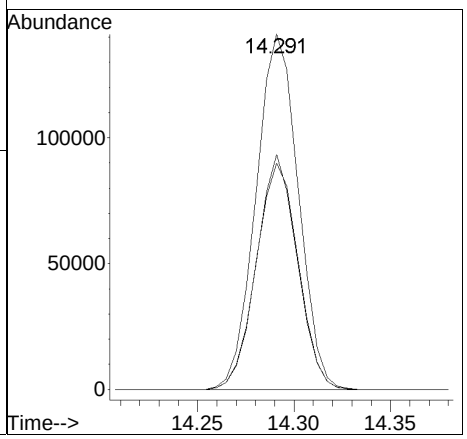


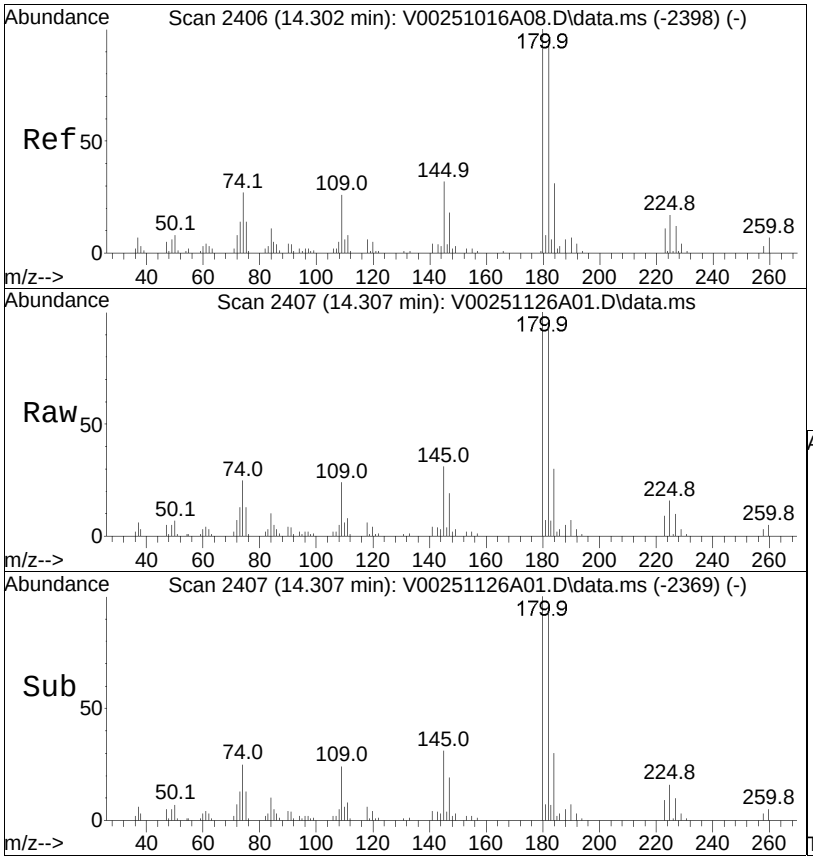


#109
Hexachlorobutadiene
Concen: 50.88 ug/L
RT: 14.291 min Scan# 2404
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:225 Resp: 215606

Ion	Ratio	Lower	Upper
225	100		
223	63.4	52.3	78.5
227	63.2	51.9	77.9

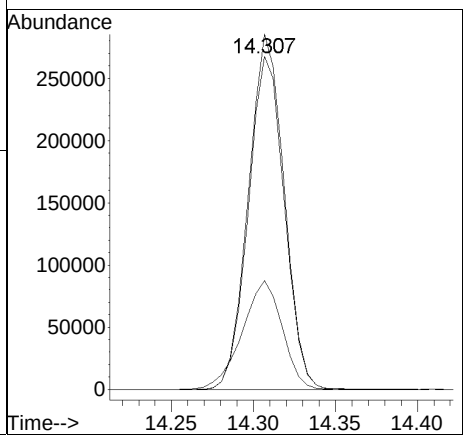


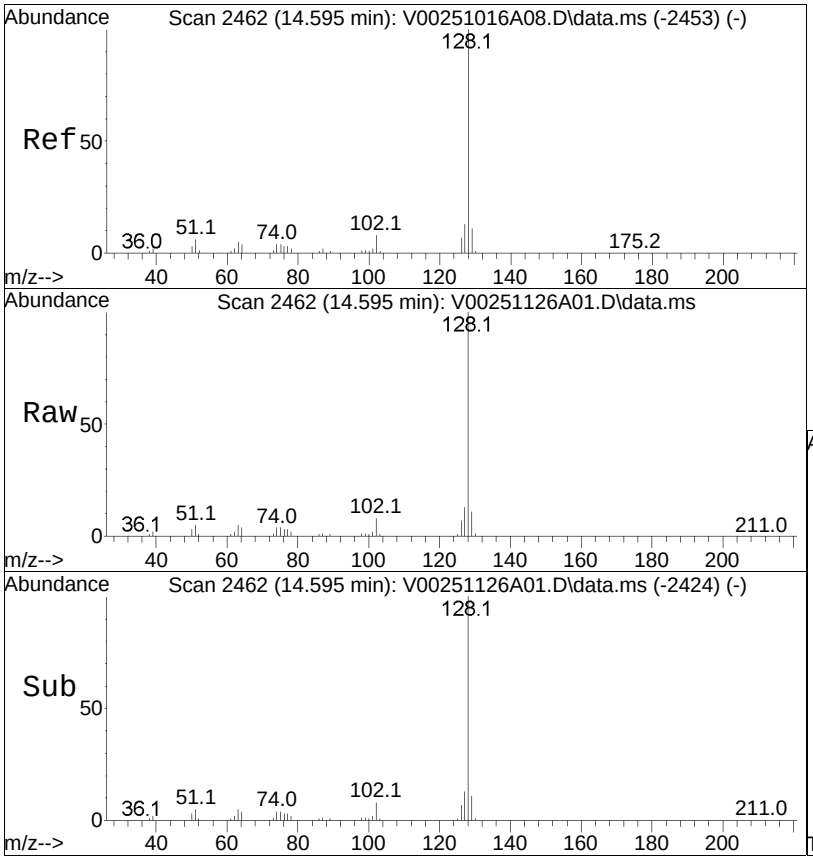


#110
1,2,4-Trichlorobenzene
Concen: 49.27 ug/L
RT: 14.307 min Scan# 2407
Delta R.T. -0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:180 Resp: 432307

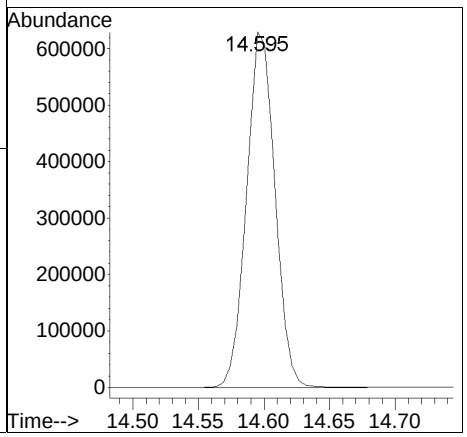
Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.8	113.6
145	34.4	29.2	43.8

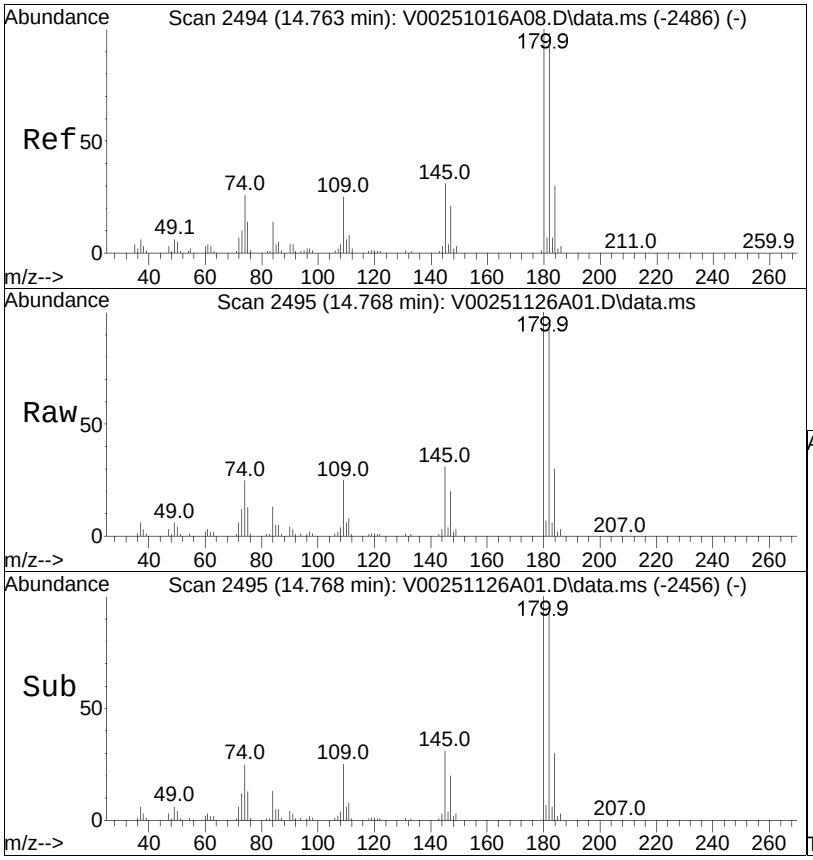




#111
Naphthalene
Concen: 46.07 ug/L
RT: 14.595 min Scan# 2462
Delta R.T. 0.000 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:128 Resp: 949086

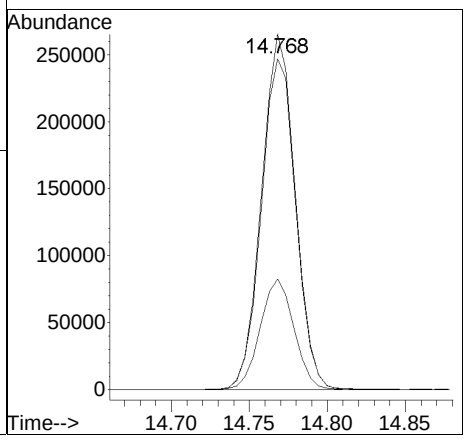




#112
1,2,3-Trichlorobenzene
Concen: 50.19 ug/L
RT: 14.768 min Scan# 2495
Delta R.T. 0.005 min
Lab File: V00251126A01.D
Acq: 26 Nov 2025 06:34 am

Tgt Ion:180 Resp: 396907

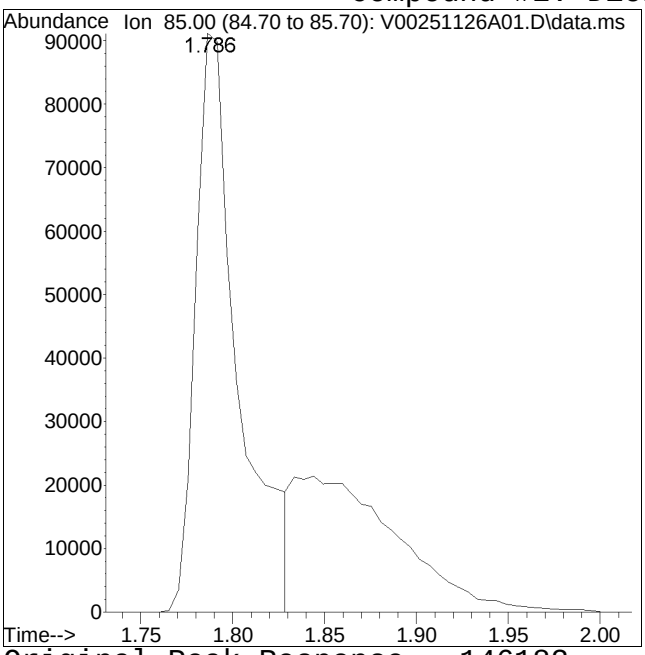
Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.4	113.2
145	31.3	24.0	36.0



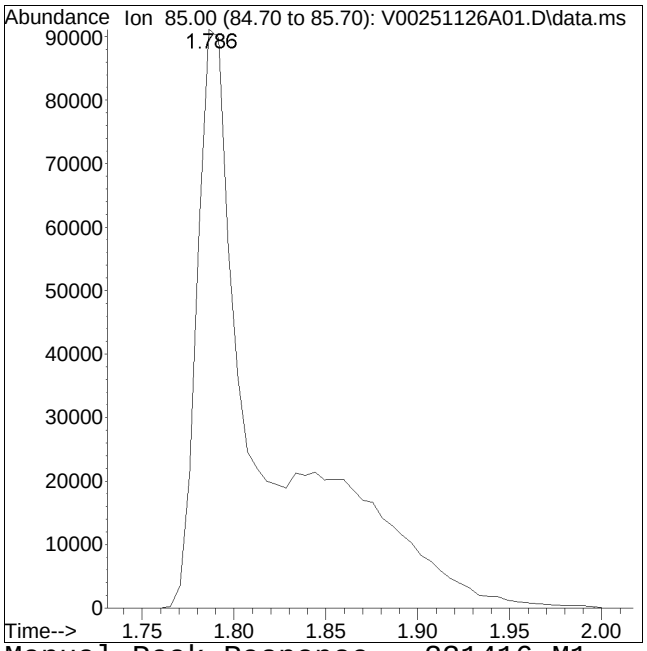
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A01.D Operator : VOA100:MNF
Date Inj'd : 11/26/2025 6:34 am Instrument : VOA100
Sample : WG2146952-3,31H,5,5,0.100 Quant Date : 11/26/2025 6:55 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 146182



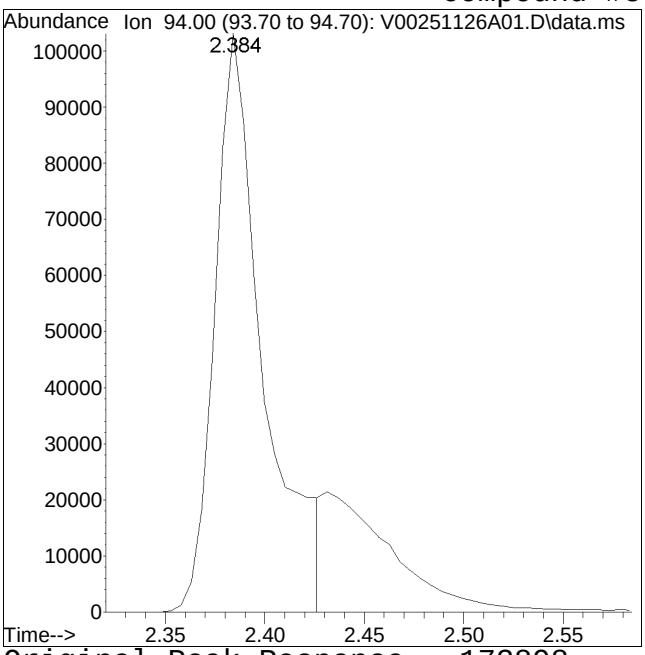
Manual Peak Response = 231416 M1

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

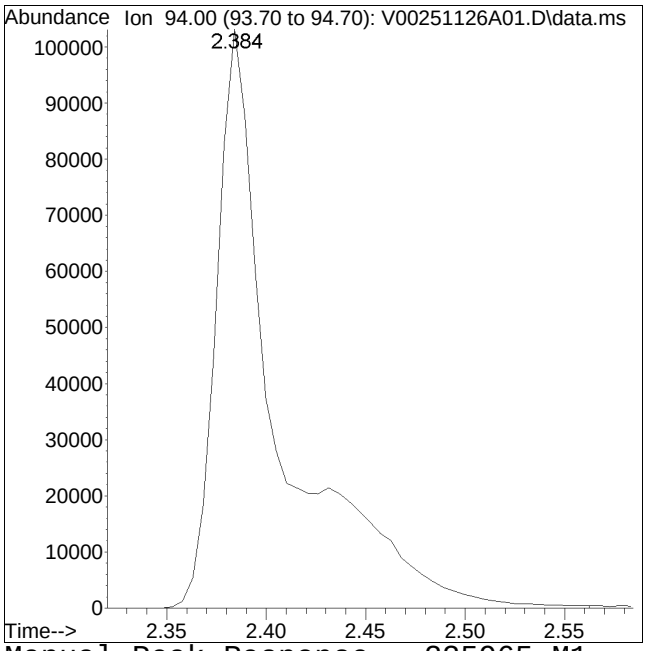
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A01.D Operator : VOA100:MNF
Date Inj'd : 11/26/2025 6:34 am Instrument : VOA100
Sample : WG2146952-3,31H,5,5,0.100 Quant Date : 11/26/2025 6:55 am

Compound #5: Bromomethane



Original Peak Response = 173898



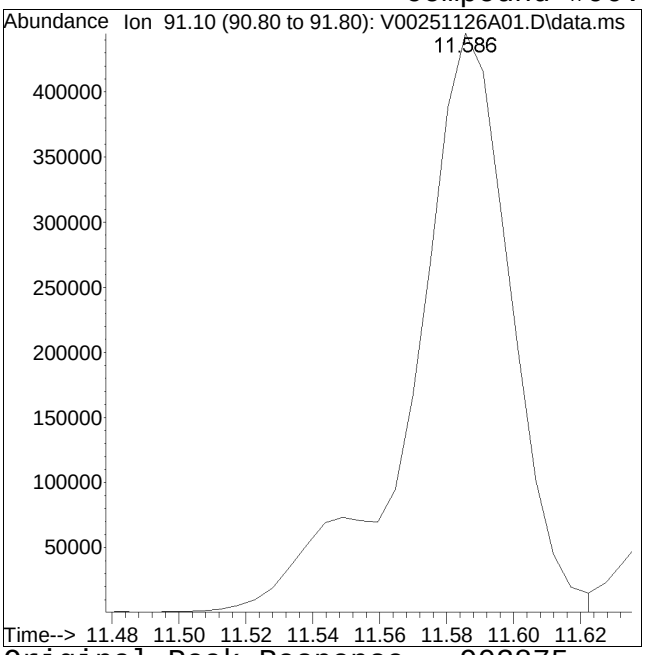
Manual Peak Response = 225965 M1

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

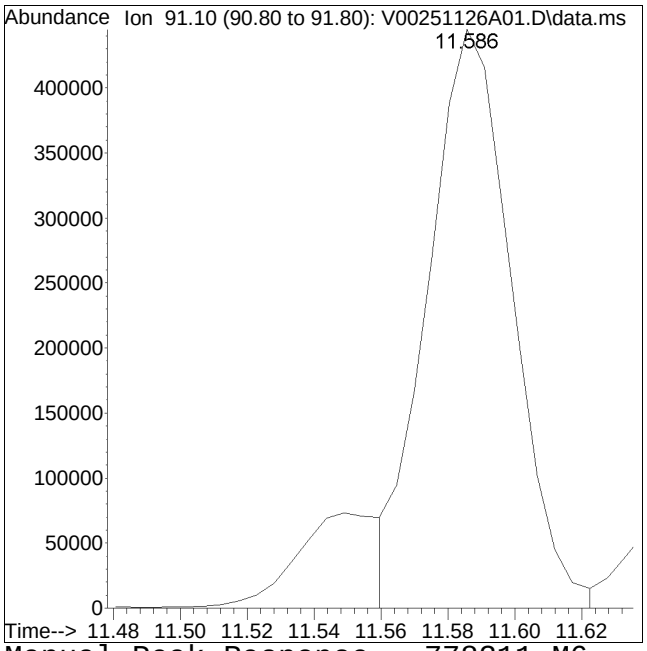
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A01.D Operator : VOA100:MNF
Date Inj'd : 11/26/2025 6:34 am Instrument : VOA100
Sample : WG2146952-3,31H,5,5,0.100 Quant Date : 11/26/2025 6:55 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 903875



Manual Peak Response = 778311 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A02.D
Acq On : 01 Dec 2025 08:50 am
Operator : VOA129:AJK
Sample : WG2148464-3,31h,15,15,0.1
Misc : WG2148464,ICAL22852
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 09:09:56 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251201A\V29251201A02.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.961	96	308067	20.000	ug/L	0.00
Standard Area 1 = 308067			Recovery = 100.00%			
59) Chlorobenzene-d5	8.792	117	231104	20.000	ug/L	0.00
Standard Area 1 = 231104			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	10.250	152	134547	20.000	ug/L	0.00
Standard Area 1 = 134547			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.028	113	79838	20.843	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.21%			
43) 1,2-Dichloroethane-d4	5.625	65	94120	21.436	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.18%			
60) Toluene-d8	7.592	98	298541	20.264	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.32%			
83) 4-Bromofluorobenzene	9.584	95	116347	20.159	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.79%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.085	85	160976	32.898	ug/L	99
3) Chloromethane	1.232	50	212737	32.907	ug/L	99
4) Vinyl chloride	1.284	62	176994	35.425	ug/L	98
5) Bromomethane	1.525	94	102633	31.304	ug/L	98
6) Chloroethane	1.625	64	105392	35.960	ug/L	99
7) Trichlorofluoromethane	1.740	101	251089	38.274	ug/L	98
8) Ethyl ether	2.013	74	63449	33.588	ug/L	95
10) 1,1-Dichloroethene	2.165	96	120118	37.304	ug/L	82
11) Carbon disulfide	2.170	76	417464	36.067	ug/L	96
15) Methylene chloride	2.726	84	135639	31.947	ug/L	91
17) Acetone	2.799	43	51088	39.742	ug/L	93
18) trans-1,2-Dichloroethene	2.899	96	134904	37.064	ug/L	86
20) Methyl tert-butyl ether	3.067	73	369158	37.391	ug/L	95
23) 1,1-Dichloroethane	3.644	63	262711	34.563	ug/L	98
25) Acrylonitrile	3.722	53	39676	38.774	ug/L	96
27) Vinyl acetate	4.084	43	321557	38.730	ug/L	99
28) cis-1,2-Dichloroethene	4.414	96	142708	36.032	ug/L #	79
29) 2,2-Dichloropropane	4.545	77	242186	39.678	ug/L	97
30) Bromochloromethane	4.666	128	67621	37.877	ug/L #	67
32) Chloroform	4.813	83	269350	34.032	ug/L	97

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A02.D
Acq On : 01 Dec 2025 08:50 am
Operator : VOA129:AJK
Sample : WG2148464-3,31h,15,15,0.1
Misc : WG2148464,ICAL22852
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 09:09:56 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251201A\V29251201A02.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	4.933	117	223251	36.263	ug/L		97
37) 1,1,1-Trichloroethane	5.017	97	250662	40.112	ug/L	#	98
39) 2-Butanone	5.206	43	49113	33.099	ug/L	#	37
40) 1,1-Dichloropropene	5.175	75	199162	41.199	ug/L		98
41) Benzene	5.468	78	538651	37.097	ug/L		96
44) 1,2-Dichloroethane	5.704	62	206479	36.472	ug/L		99
48) Trichloroethene	6.144	95	159034	37.864	ug/L		97
50) Dibromomethane	6.574	93	79021	36.650	ug/L		88
51) 1,2-Dichloropropane	6.685	63	147552	35.480	ug/L		98
54) Bromodichloromethane	6.784	83	199416	36.200	ug/L		98
57) 1,4-Dioxane	6.999	88	49583	2230.718	ug/L	#	84
58) cis-1,3-Dichloropropene	7.424	75	216562	37.967	ug/L		98
61) Toluene	7.639	92	347419	35.453	ug/L		96
62) 4-Methyl-2-pentanone	7.990	58	43591	39.644	ug/L	#	86
63) Tetrachloroethene	7.959	166	173373	39.108	ug/L		90
65) trans-1,3-Dichloropropene	8.011	75	192157	36.932	ug/L		99
68) 1,1,2-Trichloroethane	8.132	83	89459	35.980	ug/L		94
69) Chlorodibromomethane	8.257	129	138977	36.022	ug/L		96
70) 1,3-Dichloropropane	8.326	76	186385	35.891	ug/L		98
71) 1,2-Dibromoethane	8.415	107	106739	37.719	ug/L		100
72) 2-Hexanone	8.624	43	83447	38.960	ug/L		97
73) Chlorobenzene	8.803	112	387346	35.658	ug/L		93
74) Ethylbenzene	8.834	91	695146	38.214	ug/L		100
75) 1,1,1,2-Tetrachloroethane	8.855	131	148818	36.708	ug/L		97
76) p/m Xylene	8.939	106	531288	80.851	ug/L		99
77) o Xylene	9.212	106	510535	79.273	ug/L		95
78) Styrene	9.248	104	859239	80.018	ug/L		93
80) Bromoform	9.259	173	91597	34.721	ug/L		97
82) Isopropylbenzene	9.416	105	711674	38.099	ug/L		97
84) Bromobenzene	9.642	156	175756	34.611	ug/L		96
85) n-Propylbenzene	9.673	91	845116	37.653	ug/L		96
87) 1,1,2,2-Tetrachloroethane	9.715	83	130365	34.287	ug/L		98
88) 4-Ethyltoluene	9.741	105	701096	38.248	ug/L		98
89) 2-Chlorotoluene	9.757	91	577549	42.268	ug/L		96
90) 1,3,5-Trimethylbenzene	9.794	105	622589	38.343	ug/L		93
91) 1,2,3-Trichloropropane	9.788	75	110430	33.943	ug/L		98
92) trans-1,4-Dichloro-2-b...	9.820	53	49165	36.235	ug/L		92
93) 4-Chlorotoluene	9.857	91	527677	36.659	ug/L		95
94) tert-Butylbenzene	9.977	119	529428	37.985	ug/L		95

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A02.D
Acq On : 01 Dec 2025 08:50 am
Operator : VOA129:AJK
Sample : WG2148464-3,31h,15,15,0.1
Misc : WG2148464,ICAL22852
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 09:09:56 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251201A\V29251201A02.D
Sub List : 8260-CurveSoil - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	10.019	105	601235	37.724	ug/L	95
98)	sec-Butylbenzene	10.082	105	793607	38.714	ug/L	98
99)	p-Isopropyltoluene	10.166	119	698287	39.830	ug/L	97
100)	1,3-Dichlorobenzene	10.203	146	349027	35.127	ug/L	98
101)	1,4-Dichlorobenzene	10.255	146	346859	35.494	ug/L	98
102)	p-Diethylbenzene	10.376	119	411061	39.762	ug/L	93
103)	n-Butylbenzene	10.407	91	651183	39.715	ug/L	99
104)	1,2-Dichlorobenzene	10.496	146	319253	35.486	ug/L	97
105)	1,2,4,5-Tetramethylben...	10.832	119	620019	37.528	ug/L	98
106)	1,2-Dibromo-3-chloropr...	10.952	155	23990	36.515	ug/L	91
108)	Hexachlorobutadiene	11.319	225	155550	37.241	ug/L	97
109)	1,2,4-Trichlorobenzene	11.335	180	252623	38.294	ug/L	99
110)	Naphthalene	11.513	128	455582	39.224	ug/L	100
111)	1,2,3-Trichlorobenzene	11.618	180	227184	37.816	ug/L	99

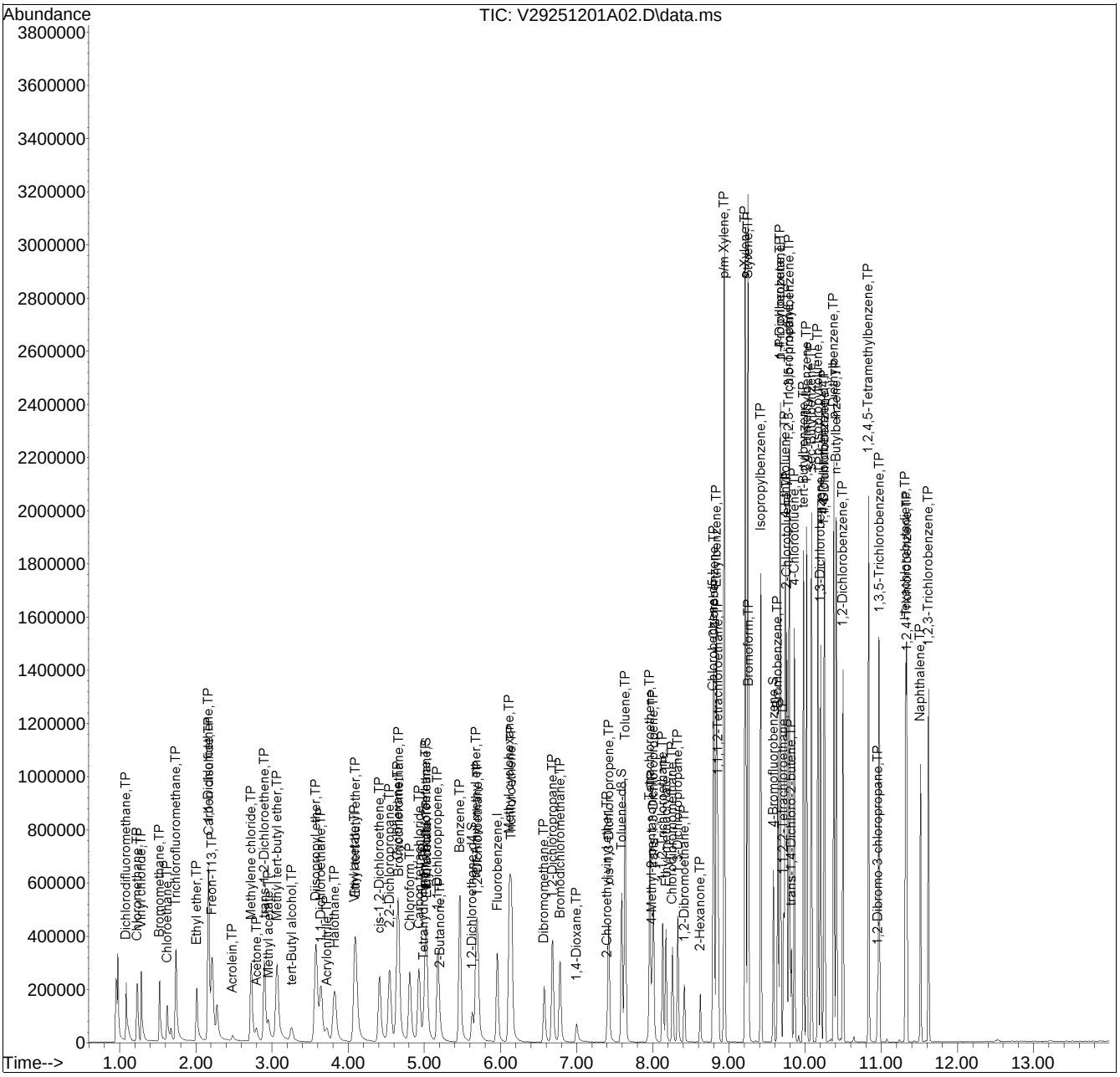
(#) = qualifier out of range (m) = manual integration (+) = signals summed

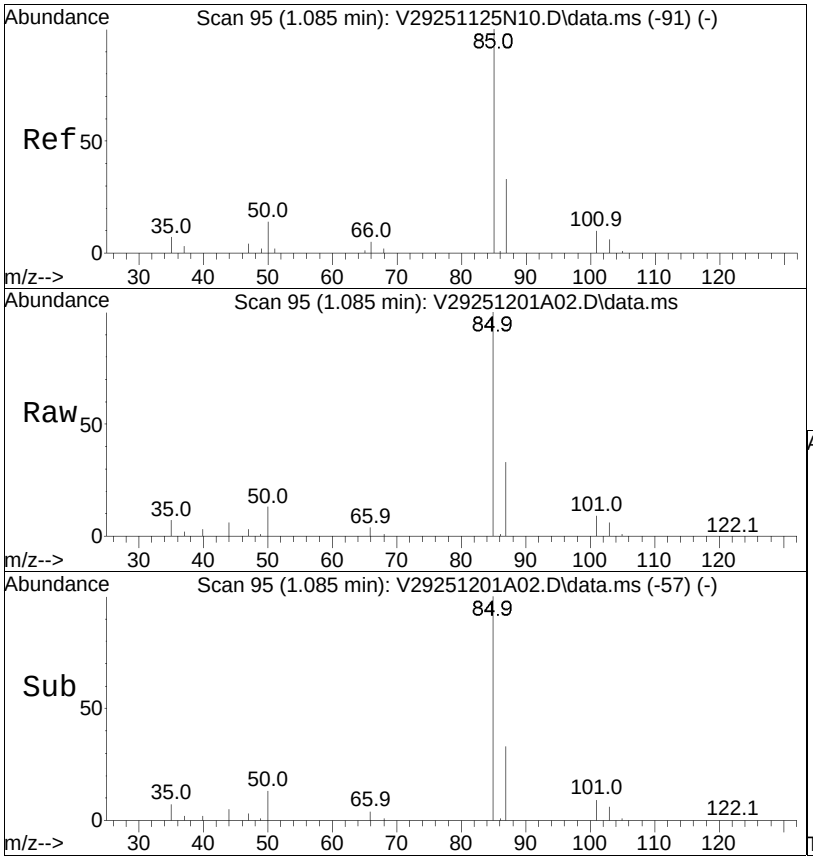
Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A02.D
Acq On : 01 Dec 2025 08:50 am
Operator : VOA129:AJK
Sample : WG2148464-3,31h,15,15,0.1
Misc : WG2148464,ICAL22852
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 09:09:56 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox01A02.D•

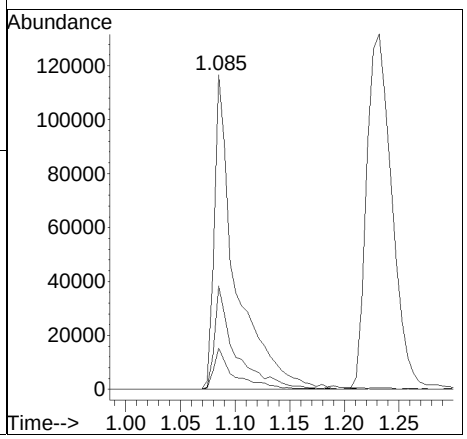


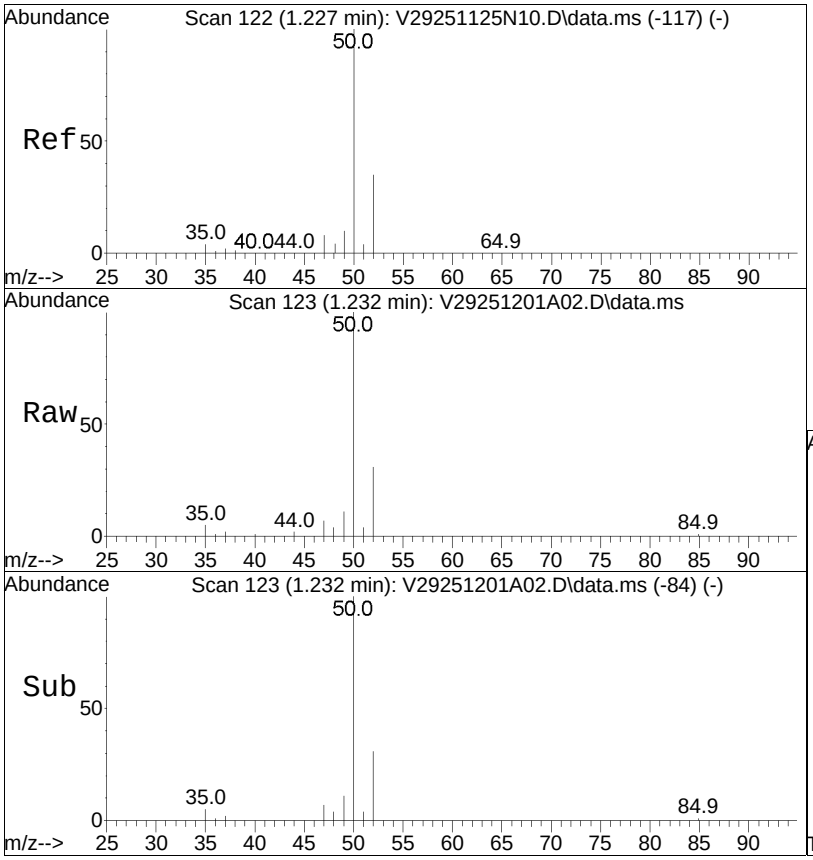


#2
Dichlorodifluoromethane
Concen: 32.90 ug/L
RT: 1.085 min Scan# 95
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 85 Resp: 160976

Ion	Ratio	Lower	Upper
85	100		
87	31.7	21.0	43.6
50	12.7	8.9	18.5

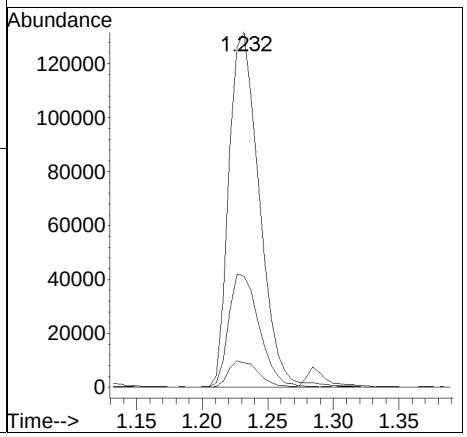


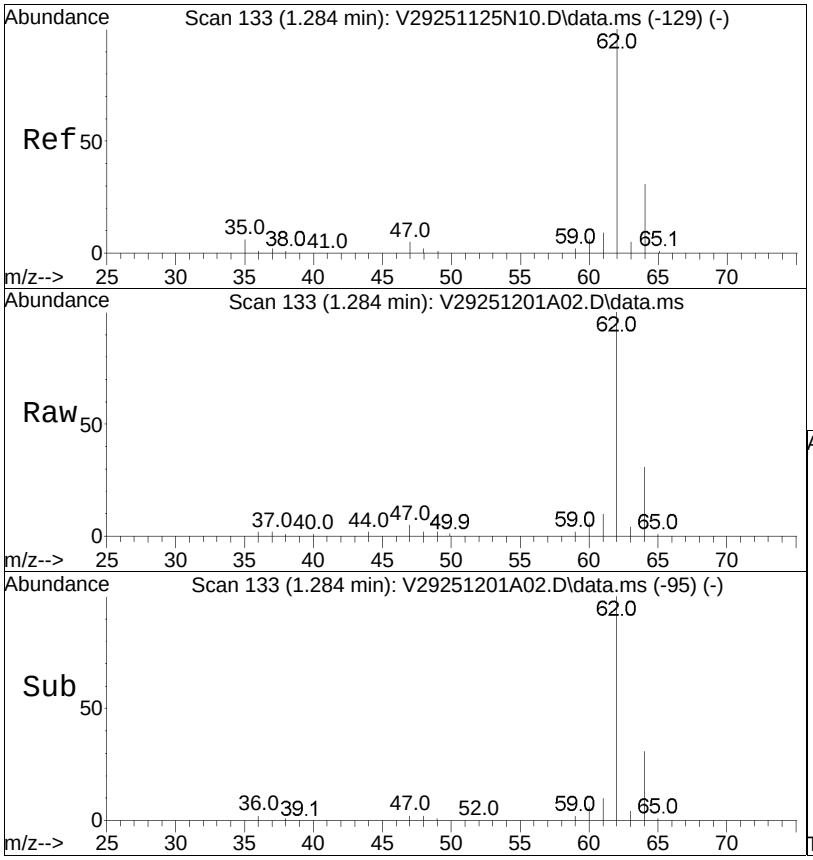


#3
Chloromethane
Concen: 32.91 ug/L
RT: 1.232 min Scan# 123
Delta R.T. 0.005 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 50 Resp: 212737

Ion	Ratio	Lower	Upper
50	100		
52	32.3	12.9	52.9
47	7.4	0.0	28.3

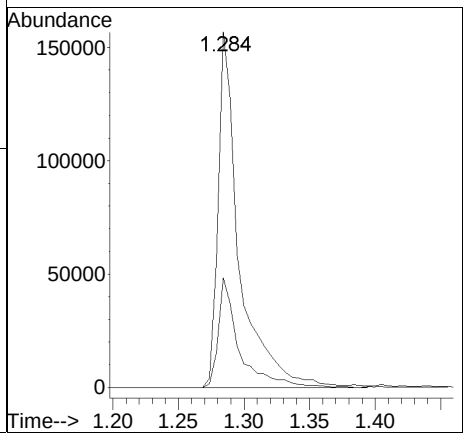


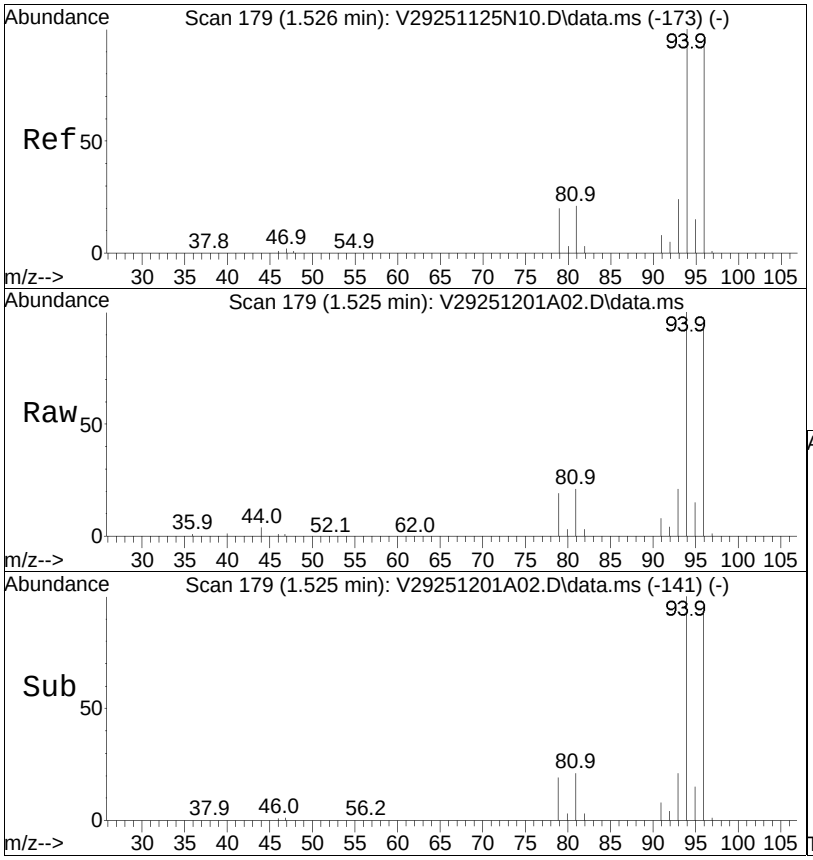


#4
Vinyl chloride
Concen: 35.42 ug/L
RT: 1.284 min Scan# 133
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 62 Resp: 176994

Ion	Ratio	Lower	Upper
62	100		
64	30.1	9.1	49.1

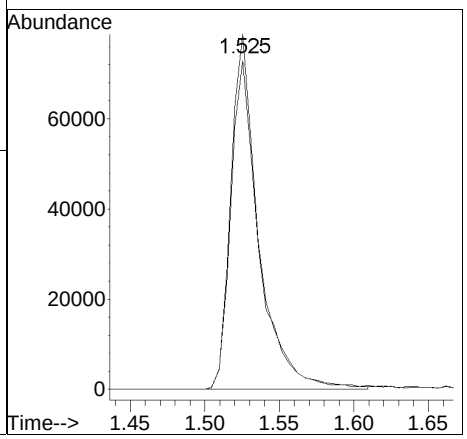


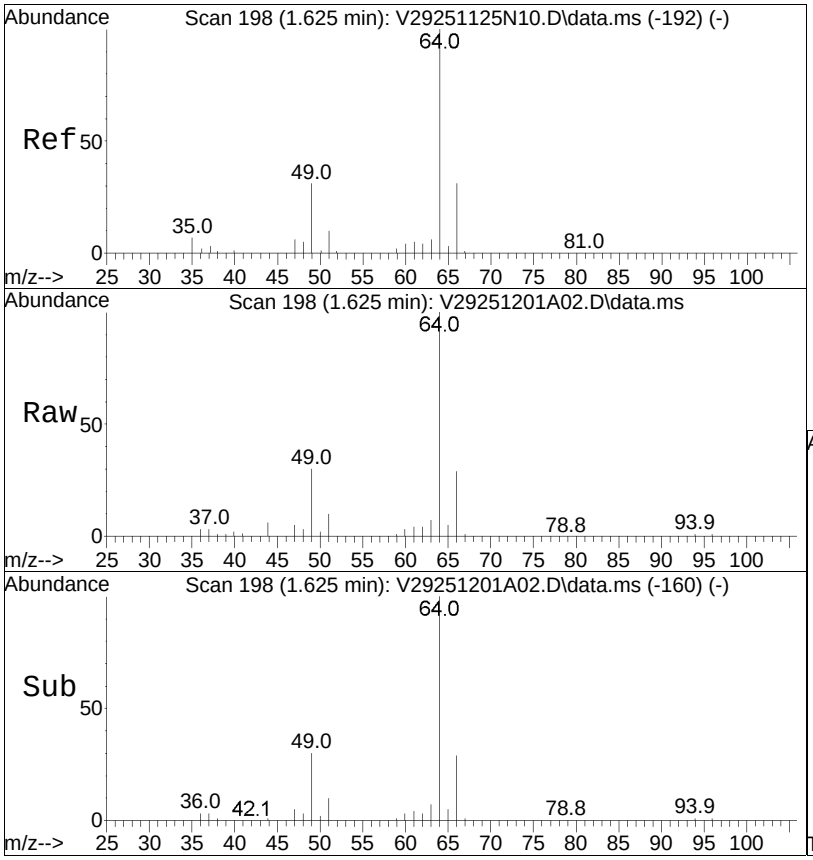


#5
Bromomethane
Concen: 31.30 ug/L
RT: 1.525 min Scan# 179
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 94 Resp: 102633

Ion	Ratio	Lower	Upper
94	100		
96	94.1	75.6	115.6

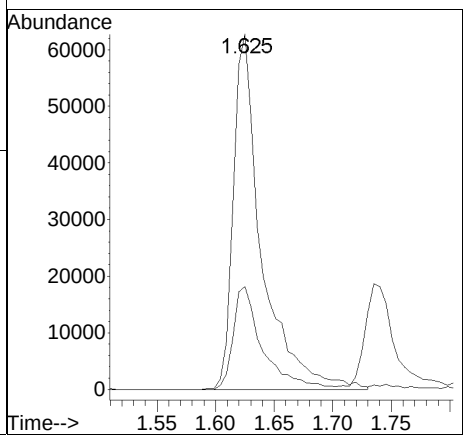


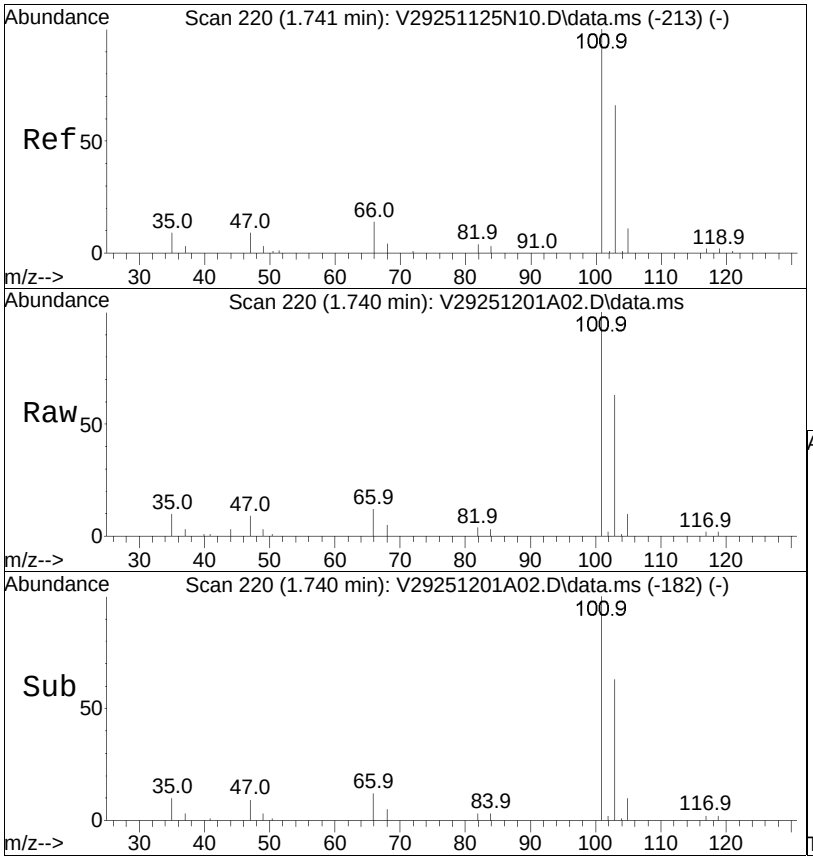


#6
Chloroethane
Concen: 35.96 ug/L
RT: 1.625 min Scan# 198
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 64 Resp: 105392

Ion	Ratio	Lower	Upper
64	100		
66	30.2	9.8	49.8

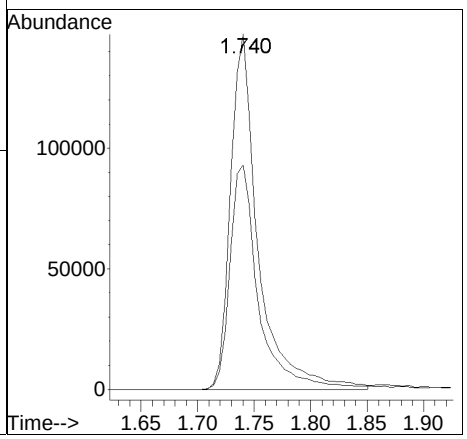


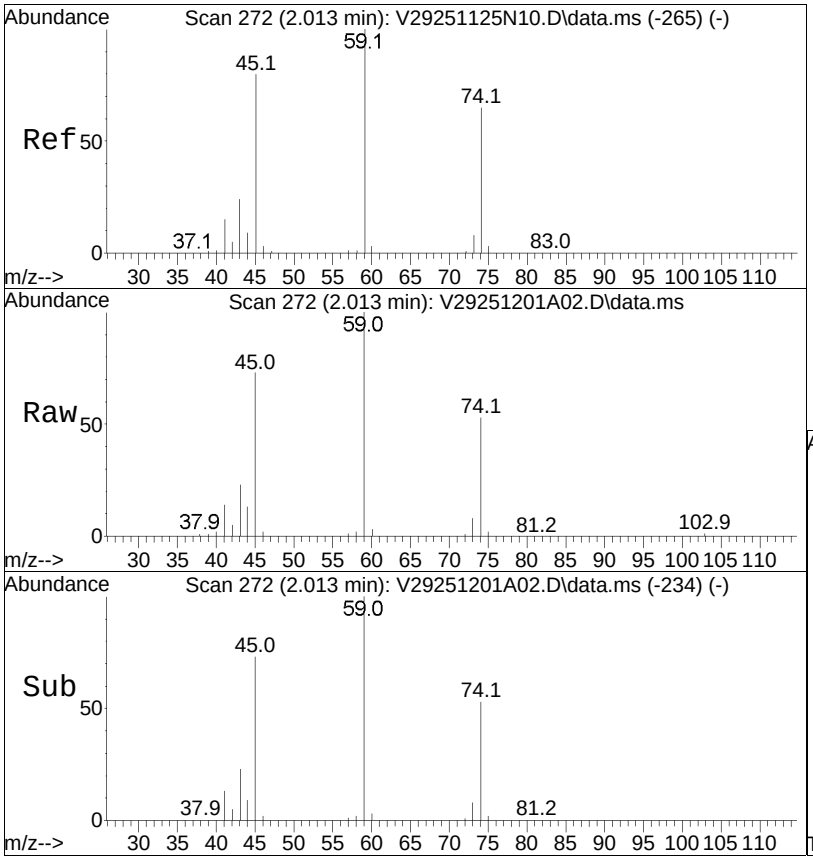


#7
Trichlorofluoromethane
Concen: 38.27 ug/L
RT: 1.740 min Scan# 220
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:101 Resp: 251089

Ion	Ratio	Lower	Upper
101	100		
103	65.9	53.8	80.6

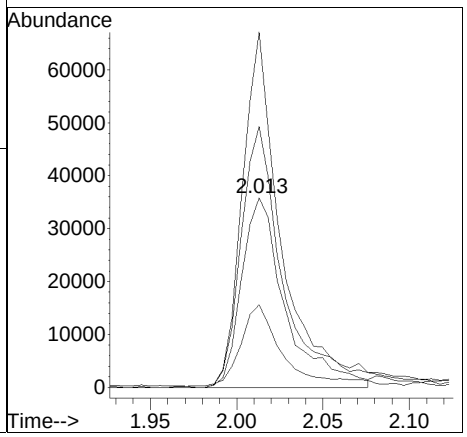


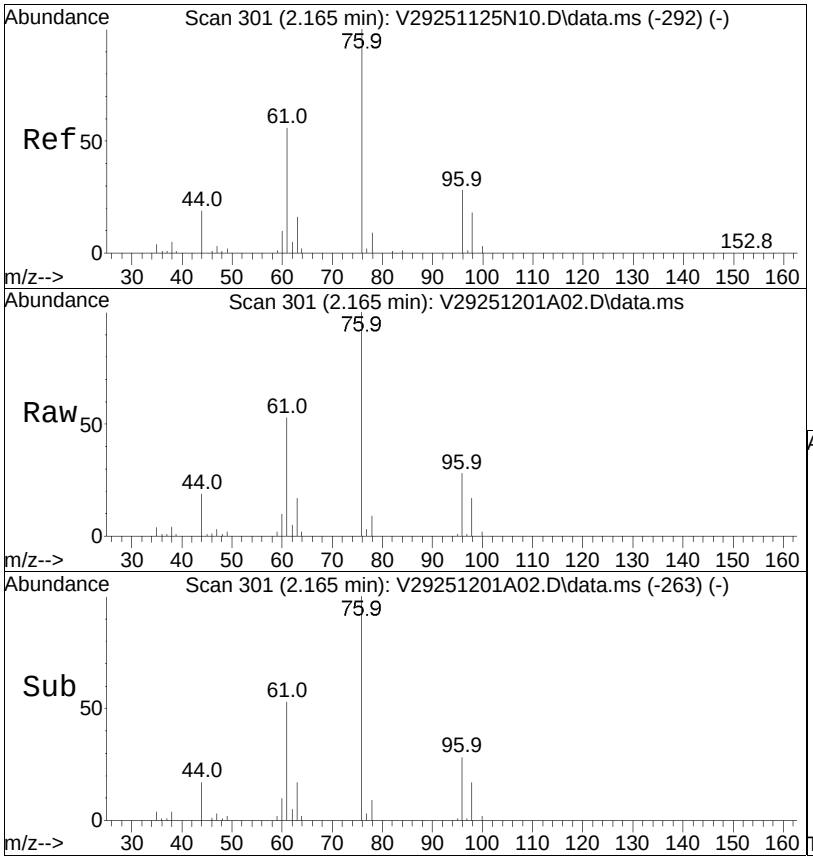


#8
Ethyl ether
Concen: 33.59 ug/L
RT: 2.013 min Scan# 272
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 74 Resp: 63449

Ion	Ratio	Lower	Upper
74	100		
59	174.8	122.2	253.8
45	141.8	91.9	190.9
43	42.5	25.2	52.2

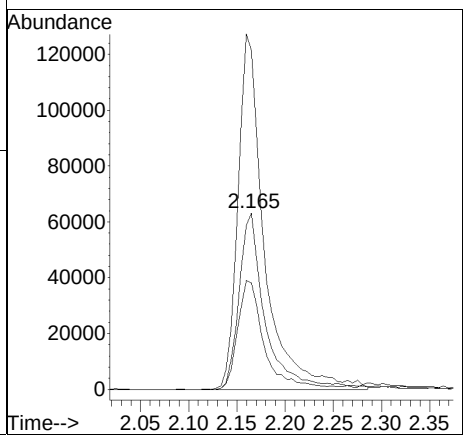


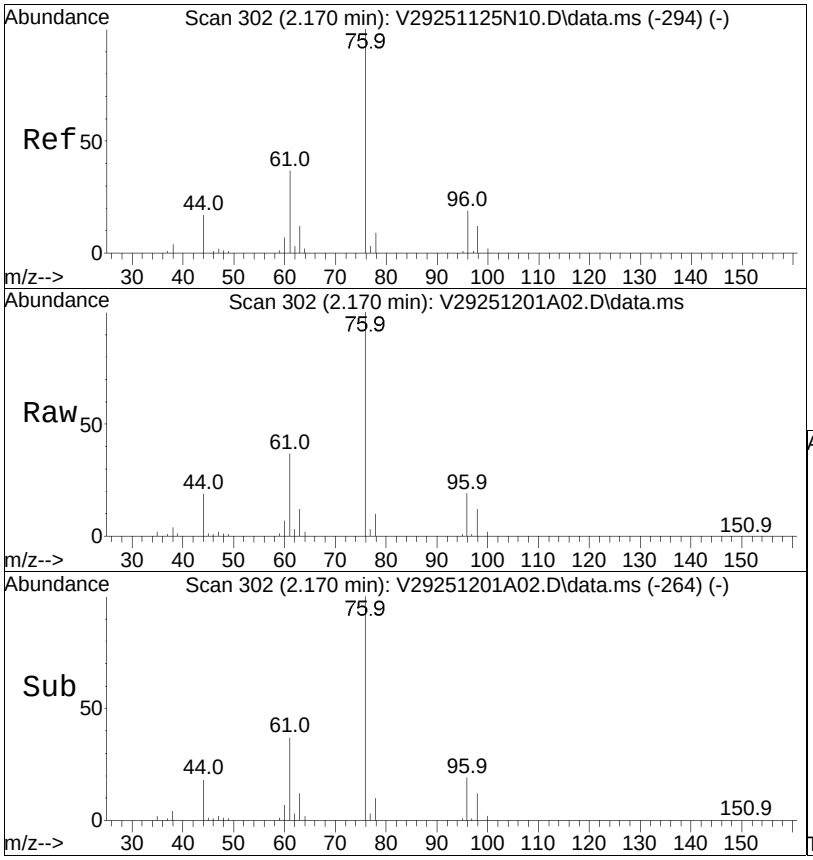


#10
1,1-Dichloroethene
Concen: 37.30 ug/L
RT: 2.165 min Scan# 301
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 96 Resp: 120118

Ion	Ratio	Lower	Upper
96	100		
61	199.4	186.1	279.1
63	62.4	57.6	86.4

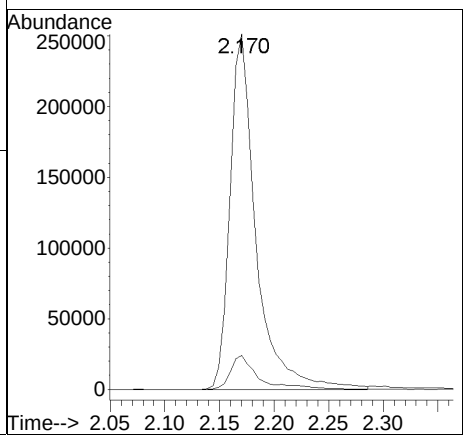


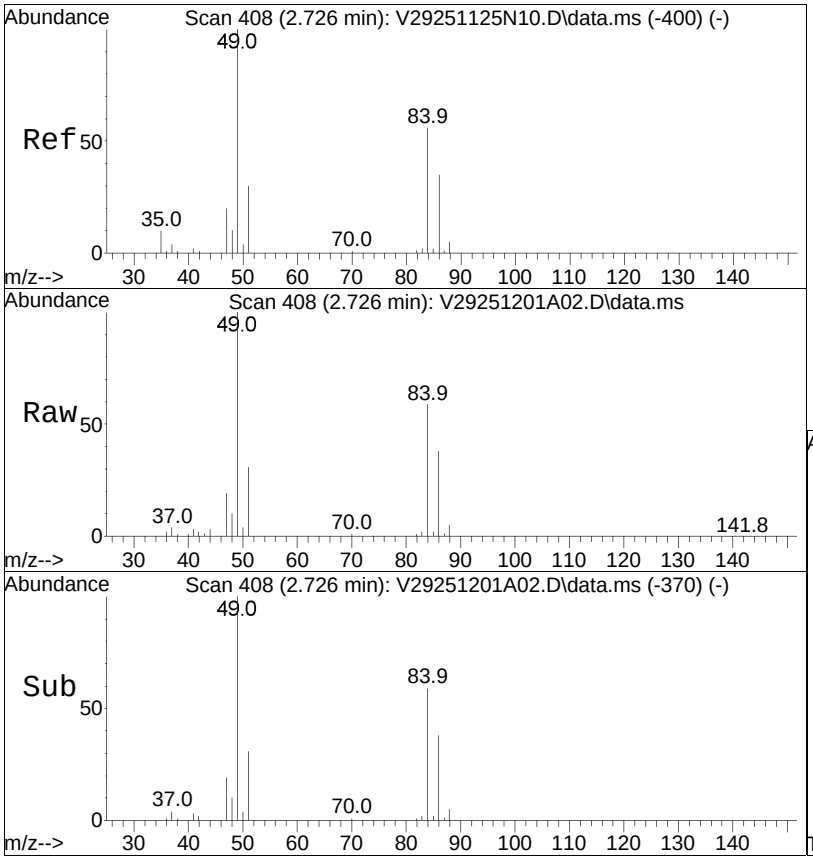


#11
Carbon disulfide
Concen: 36.07 ug/L
RT: 2.170 min Scan# 302
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 76 Resp: 417464

Ion	Ratio	Lower	Upper
76	100		
78	10.3	5.7	11.7

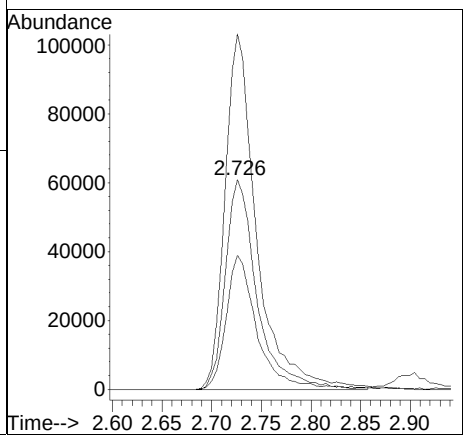


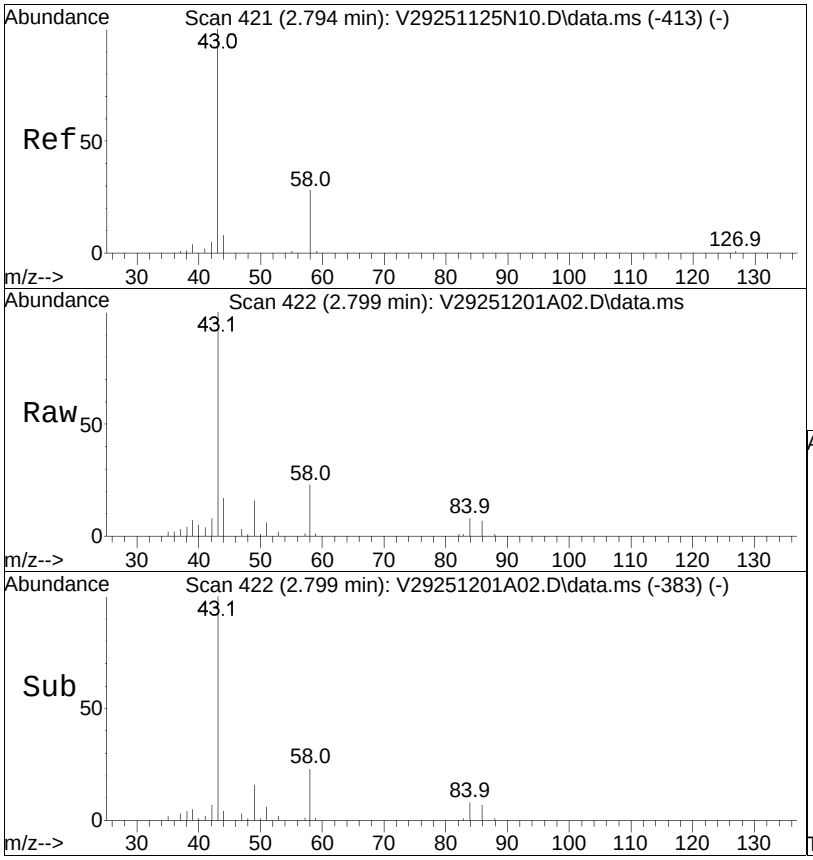


#15
Methylene chloride
Concen: 31.95 ug/L
RT: 2.726 min Scan# 408
Delta R.T. 0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 84 Resp: 135639

Ion	Ratio	Lower	Upper
84	100		
86	61.1	40.4	83.8
49	168.8	120.0	249.2

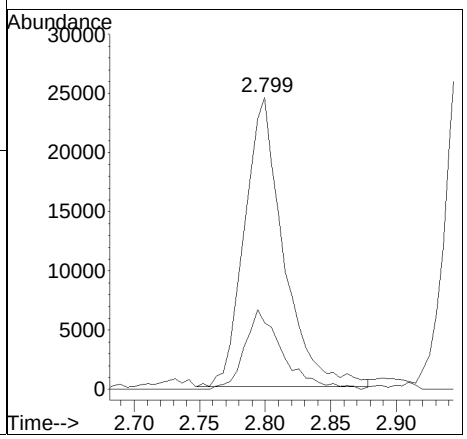


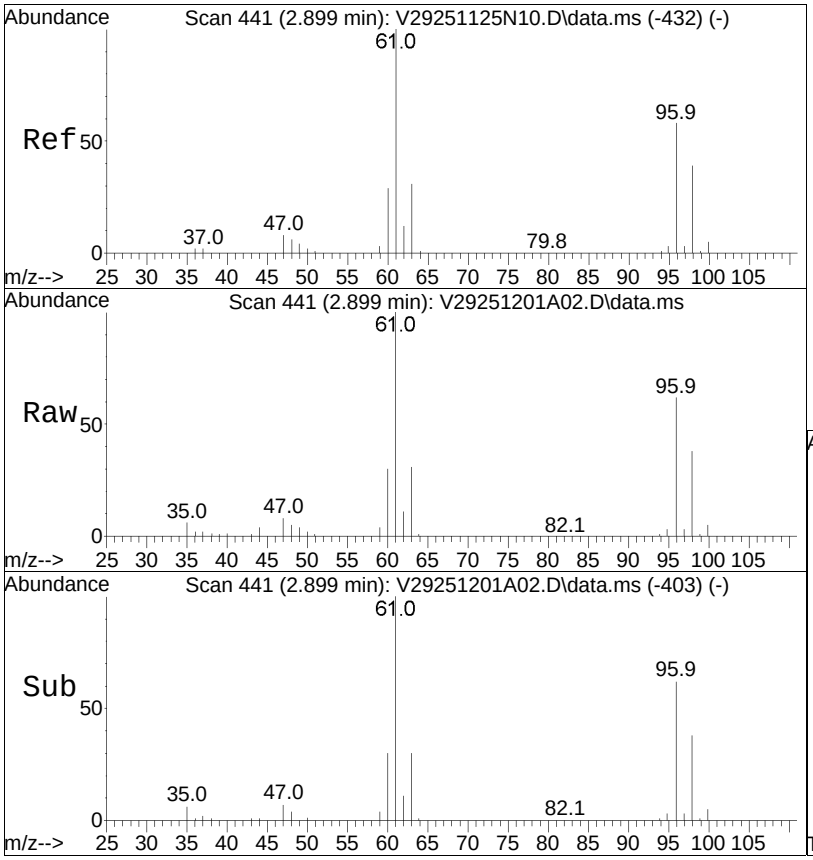


#17
Acetone
Concen: 39.74 ug/L
RT: 2.799 min Scan# 422
Delta R.T. 0.005 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 43 Resp: 51088

Ion	Ratio	Lower	Upper
43	100		
58	26.5	24.2	36.4

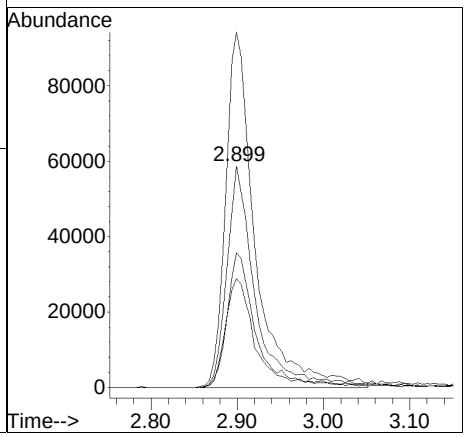


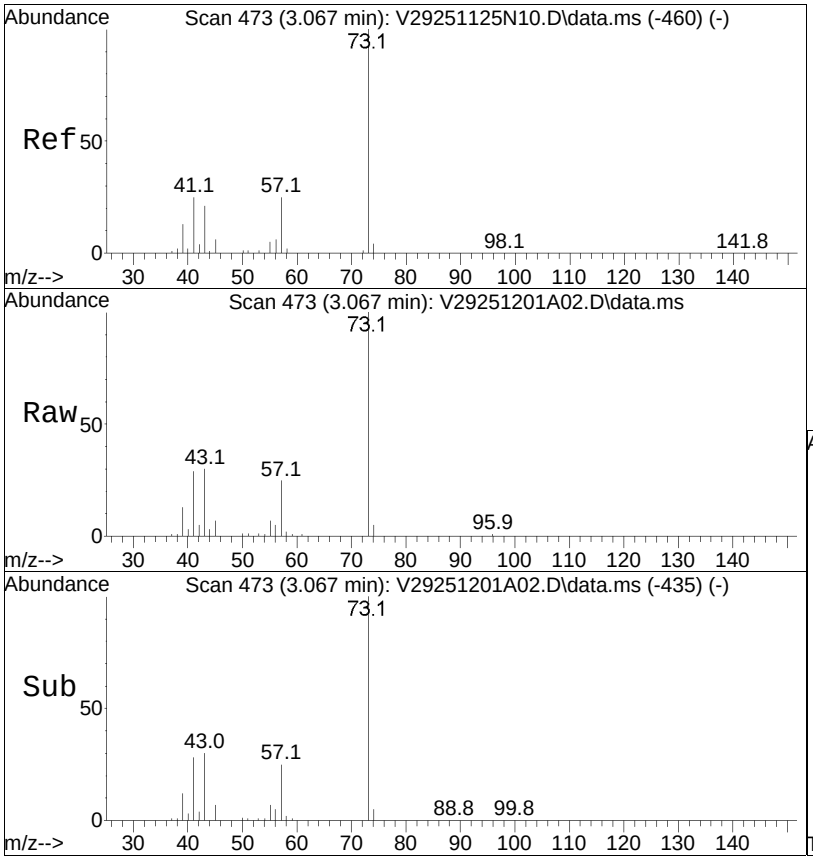


#18
trans-1,2-Dichloroethene
Concen: 37.06 ug/L
RT: 2.899 min Scan# 441
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 96 Resp: 134904

Ion	Ratio	Lower	Upper
96	100		
61	162.7	124.0	257.6
98	61.9	41.2	85.6
63	50.7	38.4	79.7

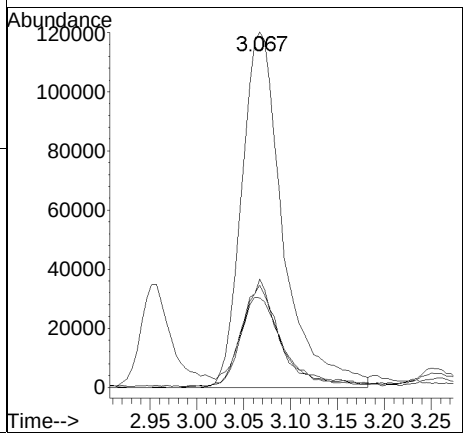


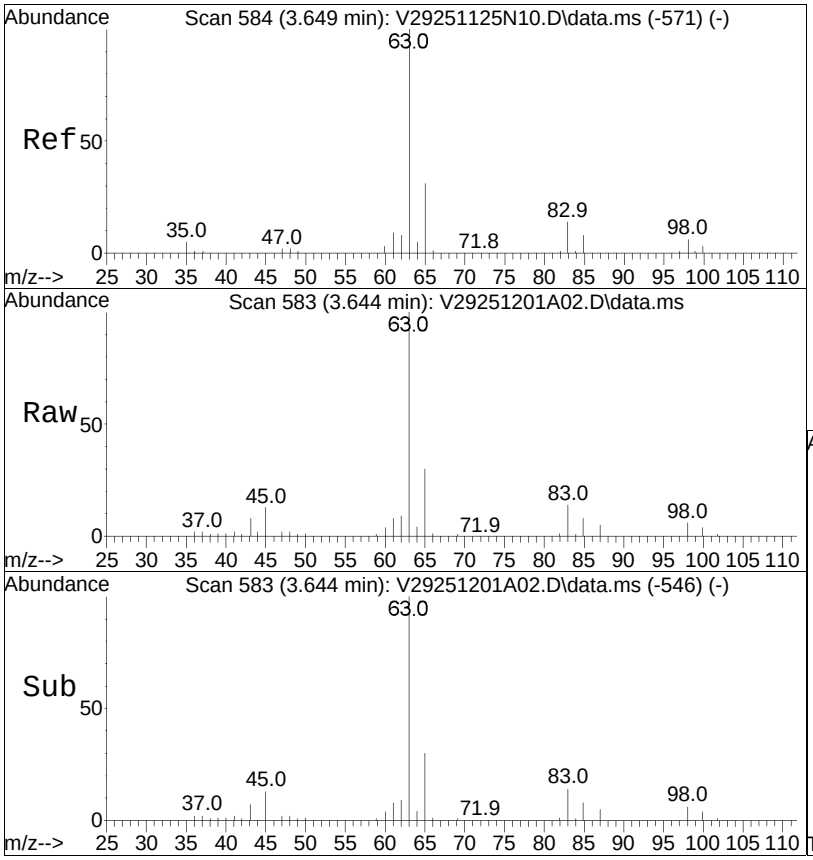


#20
Methyl tert-butyl ether
Concen: 37.39 ug/L
RT: 3.067 min Scan# 473
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 73 Resp: 369158

Ion	Ratio	Lower	Upper
73	100		
57	26.1	17.5	36.3
43	27.3	15.3	31.9
41	26.3	15.3	31.7

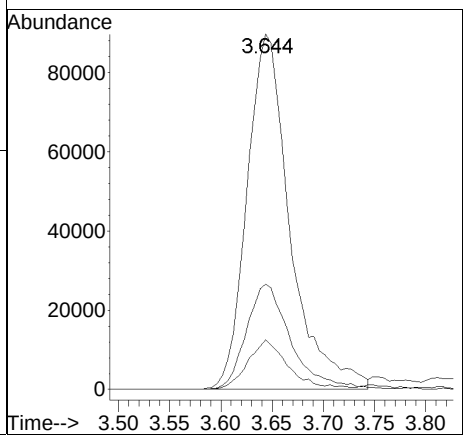


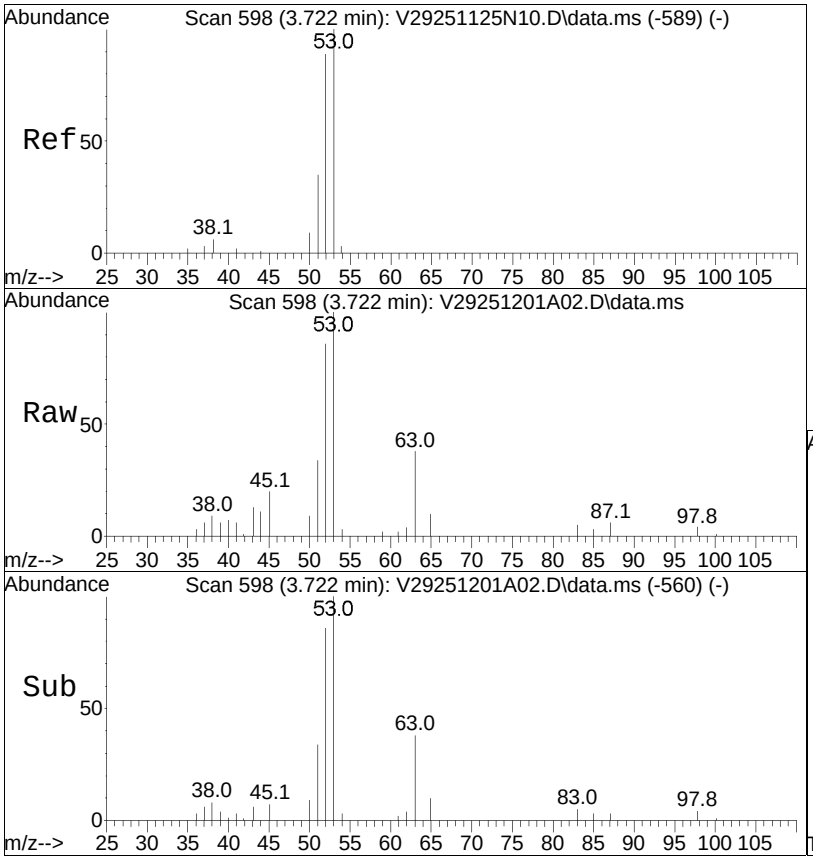


#23
1,1-Dichloroethane
Concen: 34.56 ug/L
RT: 3.644 min Scan# 583
Delta R.T. -0.006 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 63 Resp: 262711

Ion	Ratio	Lower	Upper
63	100		
65	30.3	11.0	51.0
83	13.1	0.0	31.8

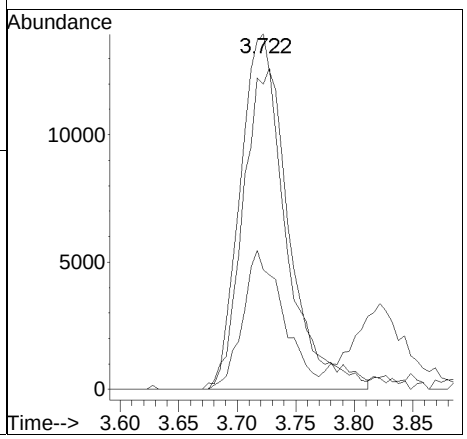


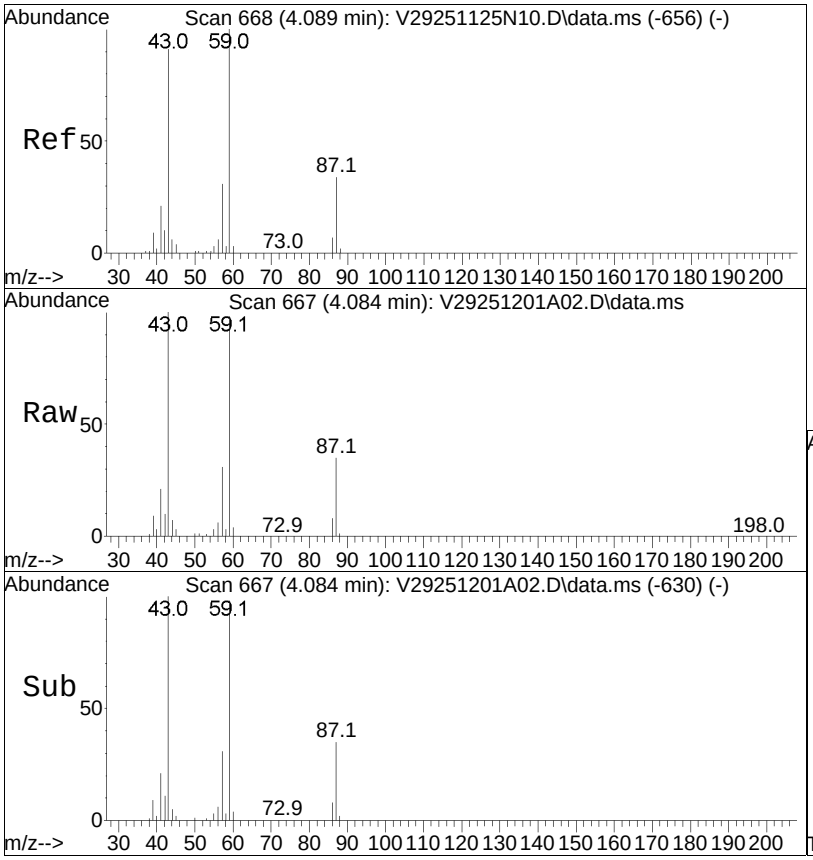


#25
Acrylonitrile
Concen: 38.77 ug/L
RT: 3.722 min Scan# 598
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 53 Resp: 39676

Ion	Ratio	Lower	Upper
53	100		
52	84.8	66.7	100.1
51	33.5	30.6	46.0

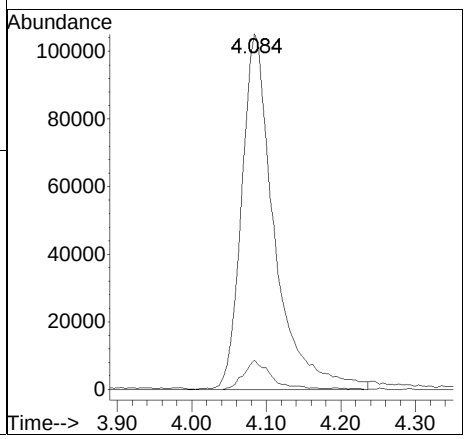


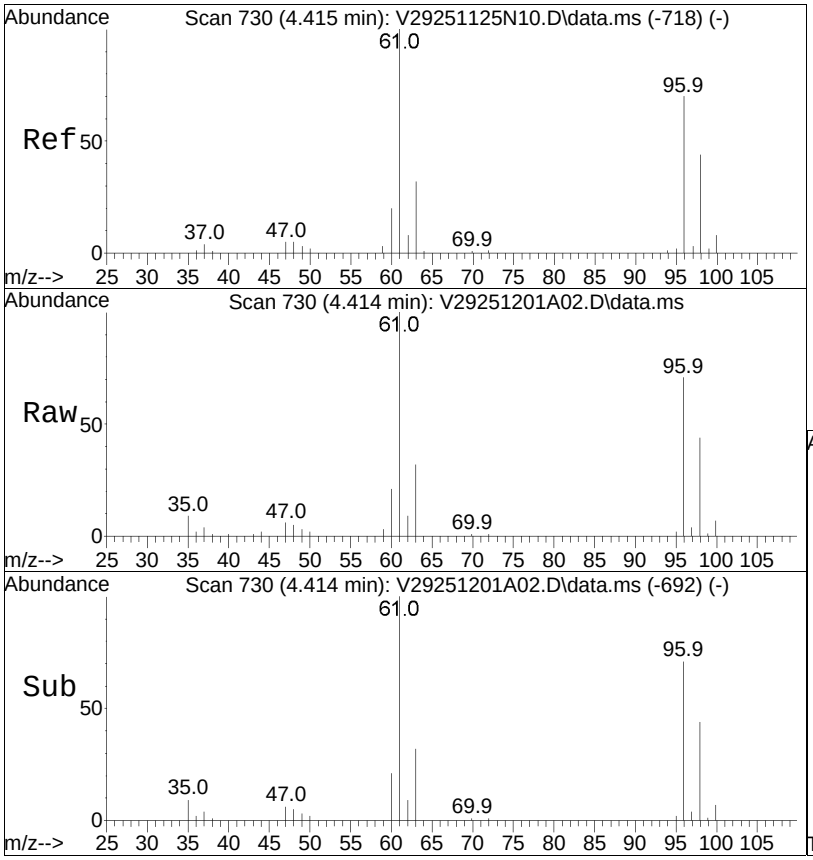


#27
Vinyl acetate
Concen: 38.73 ug/L
RT: 4.084 min Scan# 667
Delta R.T. -0.005 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 43 Resp: 321557

Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.2	7.8

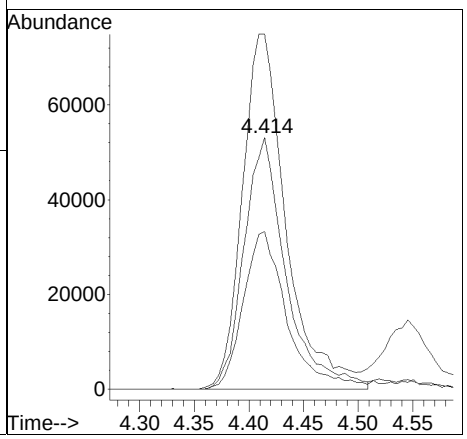


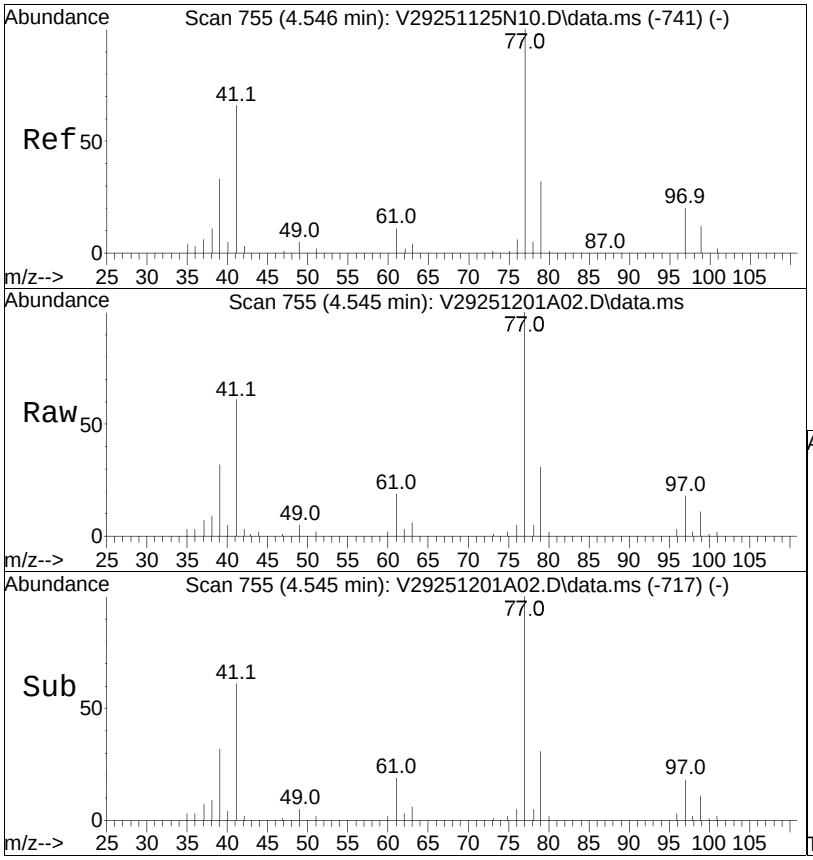


#28
cis-1,2-Dichloroethene
Concen: 36.03 ug/L
RT: 4.414 min Scan# 730
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 96 Resp: 142708

Ion	Ratio	Lower	Upper
96	100		
61	146.2	149.4	224.2#
98	65.2	53.4	80.2

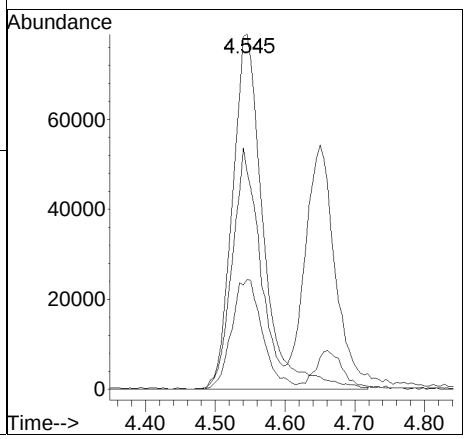


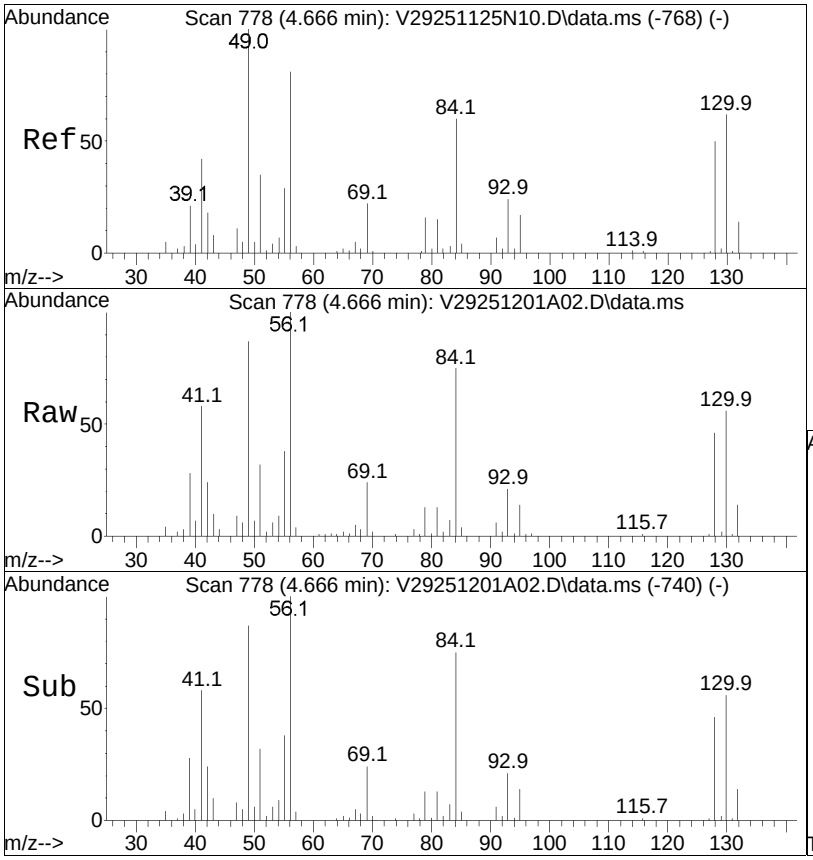


#29
2,2-Dichloropropane
Concen: 39.68 ug/L
RT: 4.545 min Scan# 755
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 77 Resp: 242186

Ion	Ratio	Lower	Upper
77	100		
41	61.2	38.0	78.8
79	31.2	20.5	42.5

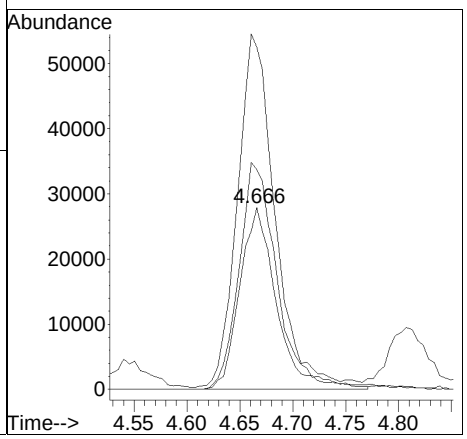


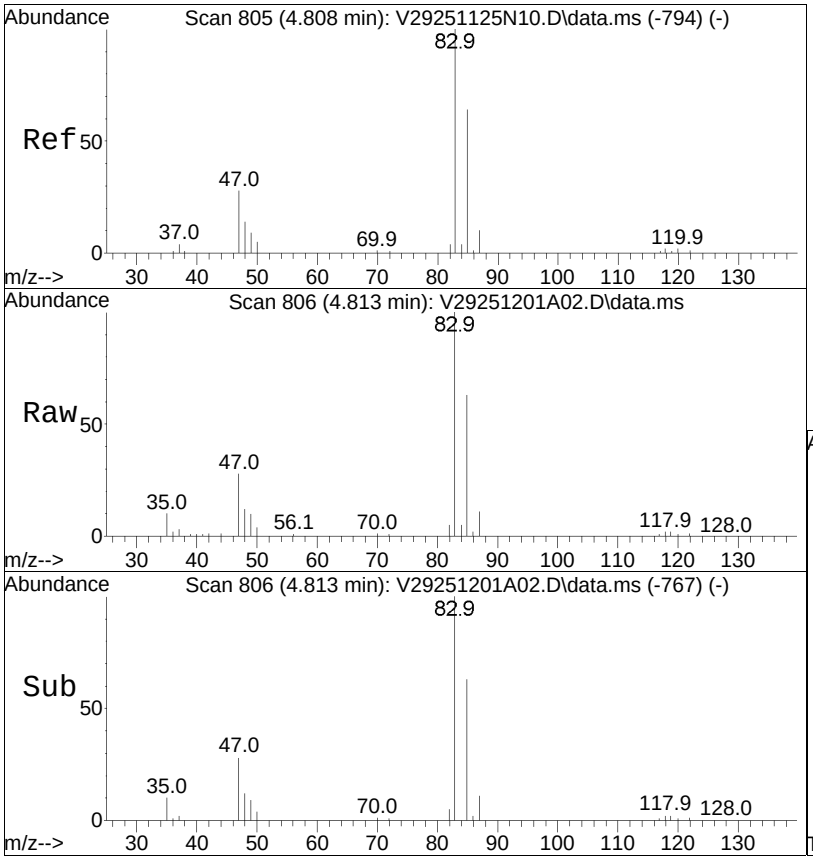


#30
Bromochloromethane
Concen: 37.88 ug/L
RT: 4.666 min Scan# 778
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:128 Resp: 67621

Ion	Ratio	Lower	Upper
128	100		
49	195.5	223.0	334.4#
130	128.5	111.4	167.0

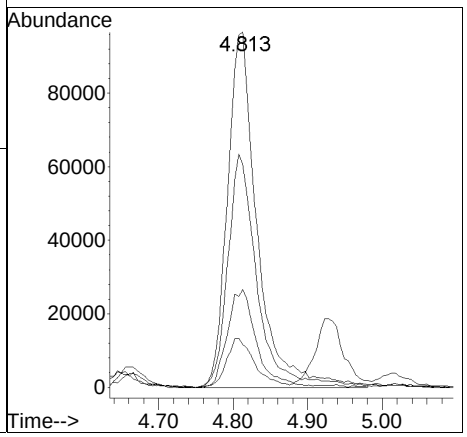


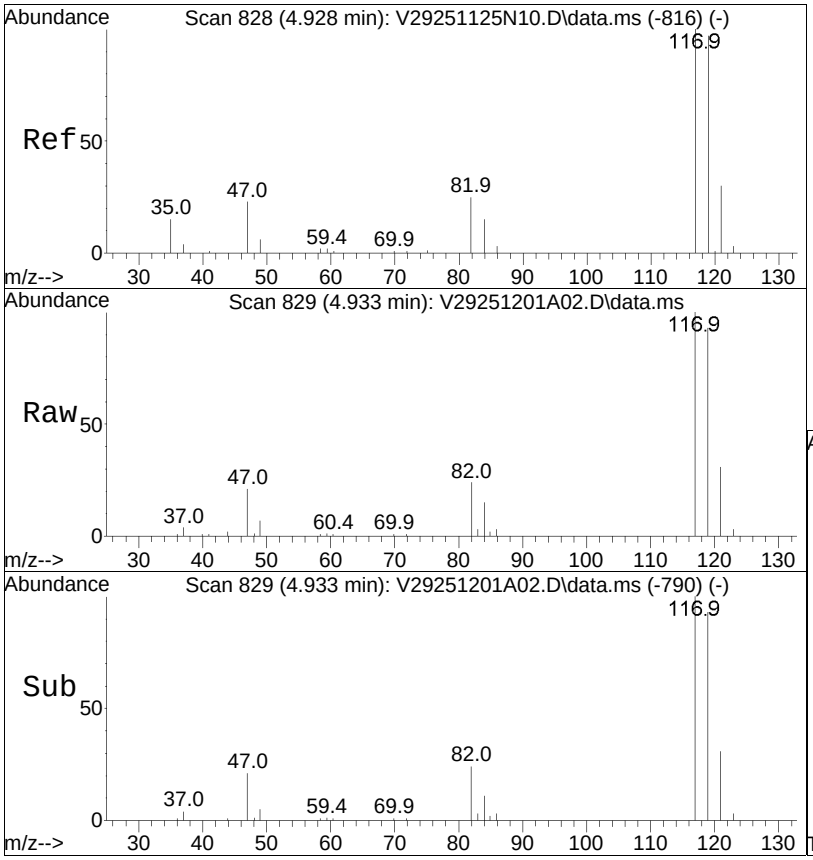


#32
Chloroform
Concen: 34.03 ug/L
RT: 4.813 min Scan# 806
Delta R.T. 0.005 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 83 Resp: 269350

Ion	Ratio	Lower	Upper
83	100		
85	64.7	41.5	86.1
47	26.5	19.0	39.4
48	13.1	9.9	20.5

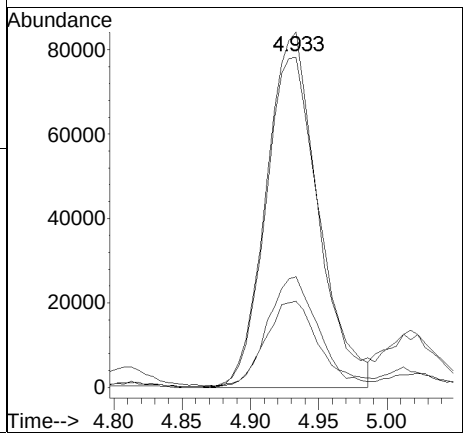


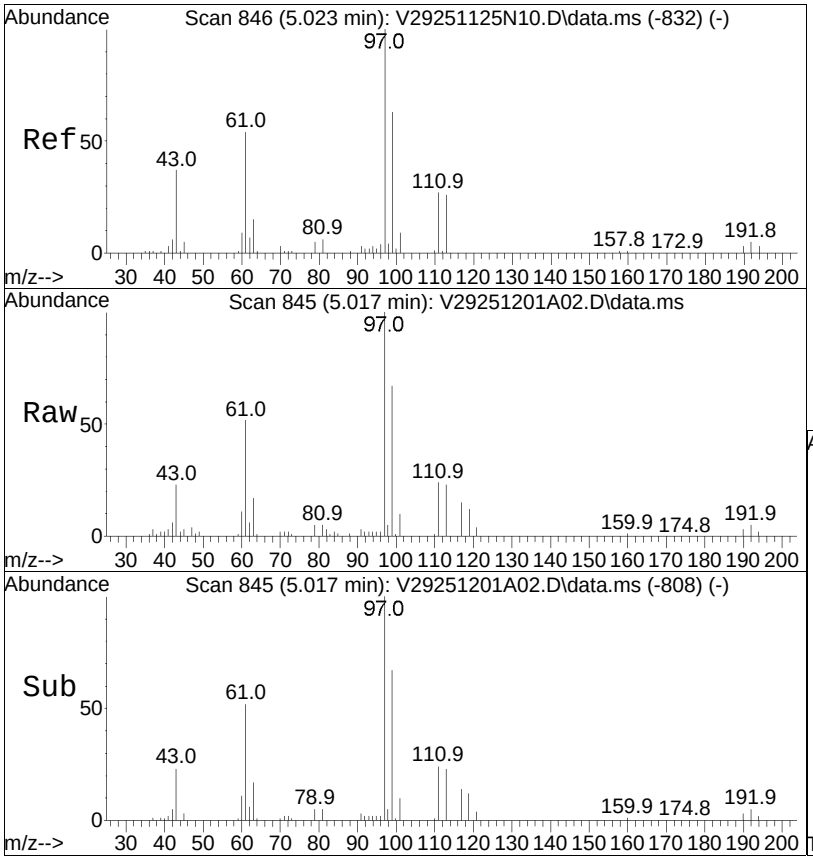


#34
Carbon tetrachloride
Concen: 36.26 ug/L
RT: 4.933 min Scan# 829
Delta R.T. 0.005 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:117 Resp: 223251

Ion	Ratio	Lower	Upper
117	100		
119	93.4	62.4	129.6
121	31.2	19.5	40.5
82	24.9	17.0	35.4

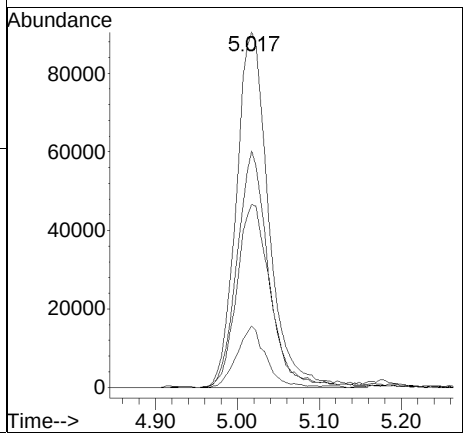


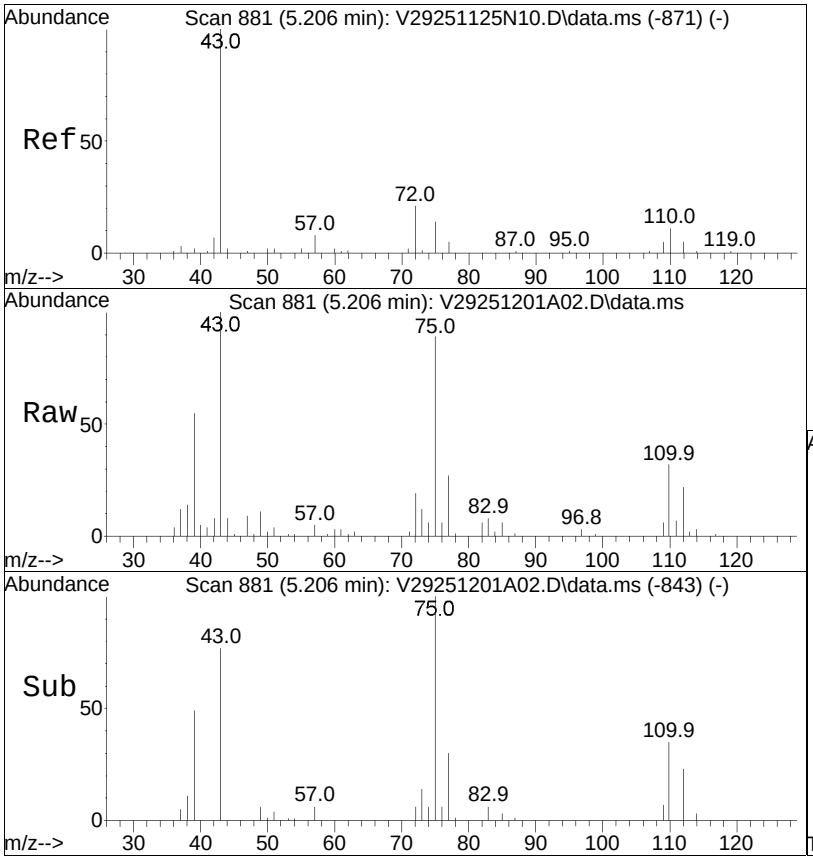


#37
1,1,1-Trichloroethane
Concen: 40.11 ug/L
RT: 5.017 min Scan# 845
Delta R.T. -0.006 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 97 Resp: 250662

Ion	Ratio	Lower	Upper
97	100		
99	63.5	40.7	84.5
61	54.1	35.4	73.4
63	15.4	5.0	10.4#

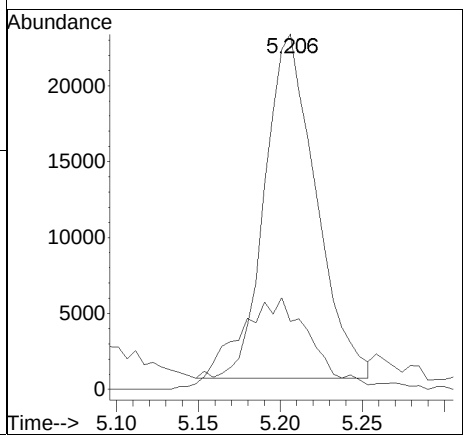


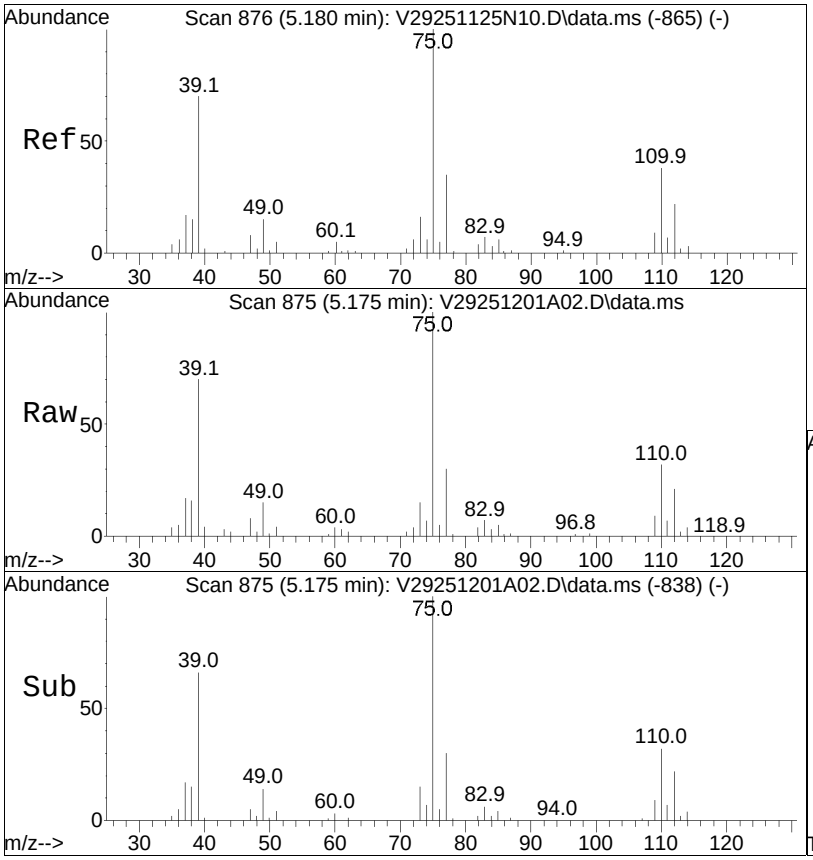


#39
2-Butanone
Concen: 33.10 ug/L
RT: 5.206 min Scan# 881
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 43 Resp: 49113

Ion	Ratio	Lower	Upper
43	100		
72	38.9	10.9	16.3#

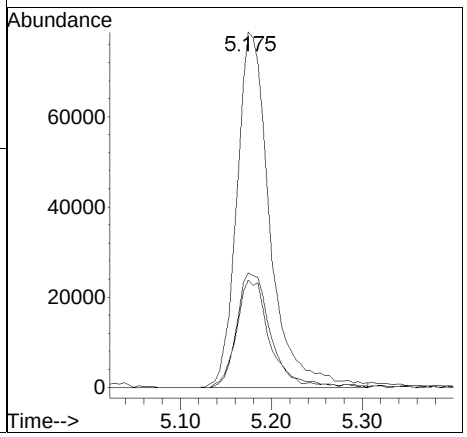


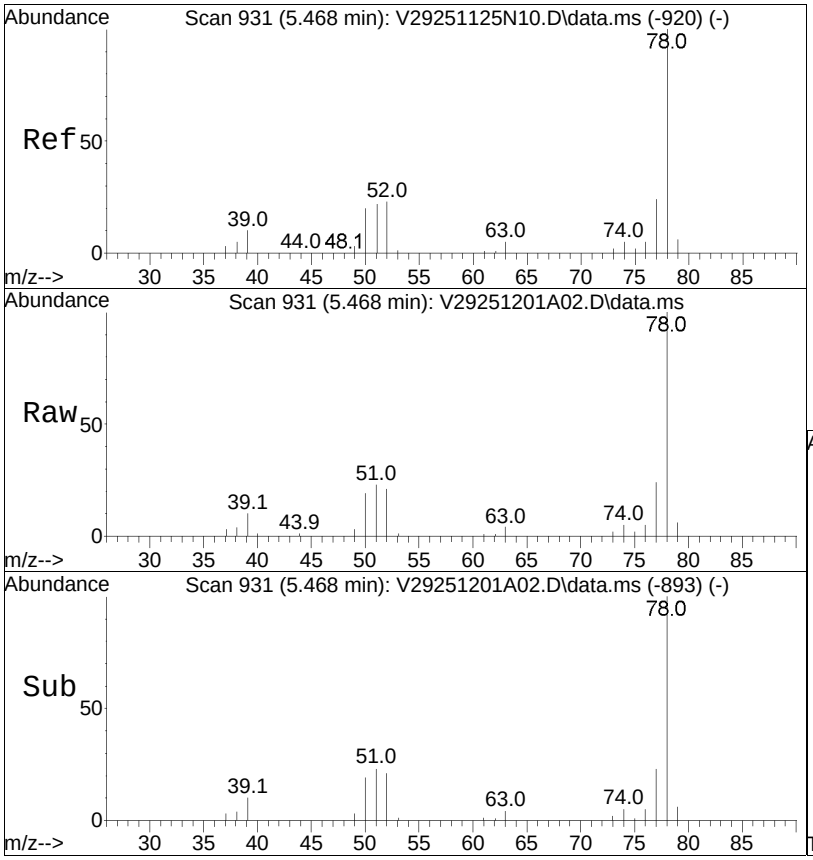


#40
1,1-Dichloropropene
Concen: 41.20 ug/L
RT: 5.175 min Scan# 875
Delta R.T. -0.005 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 75 Resp: 199162

Ion	Ratio	Lower	Upper
75	100		
110	32.9	20.2	41.9
77	30.1	20.1	41.7

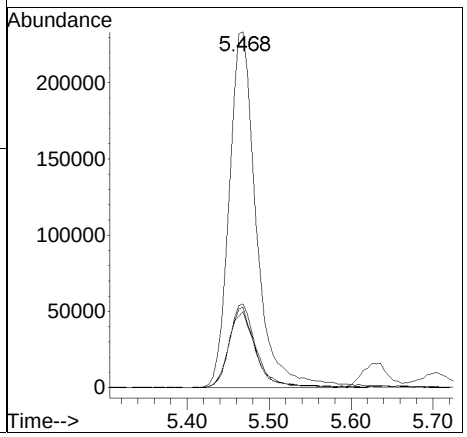


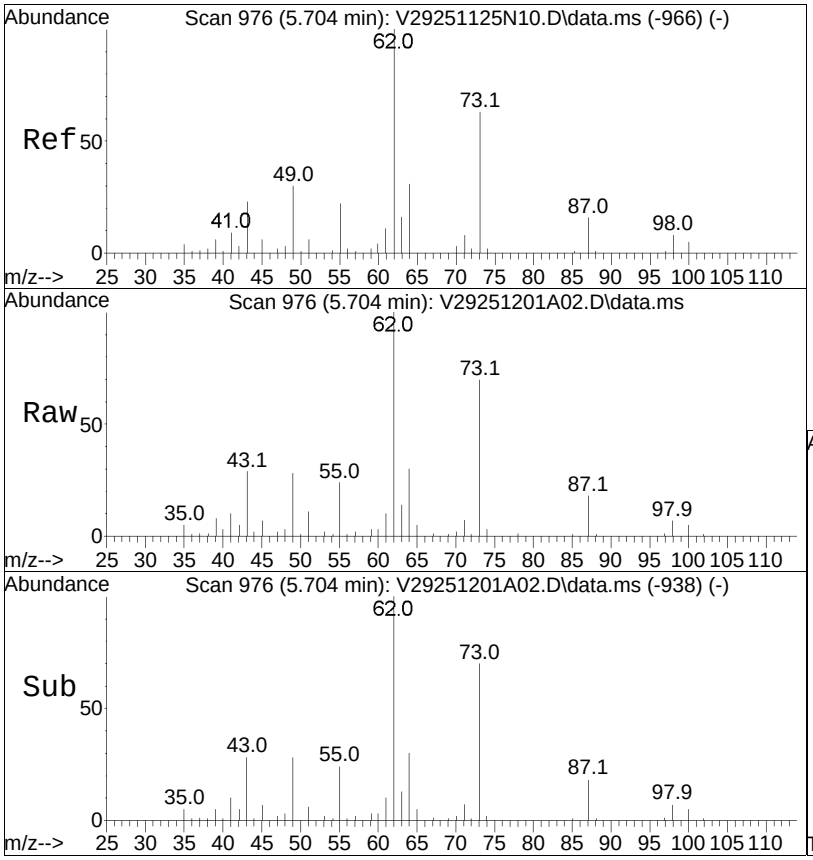


#41
Benzene
Concen: 37.10 ug/L
RT: 5.468 min Scan# 931
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 78 Resp: 538651

Ion	Ratio	Lower	Upper
78	100		
77	23.4	15.7	32.7
51	22.0	16.0	33.2
52	21.2	15.3	31.9

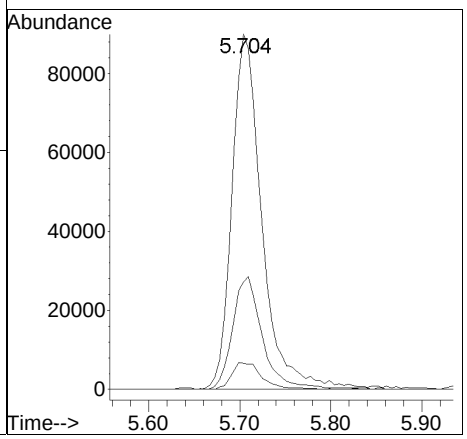


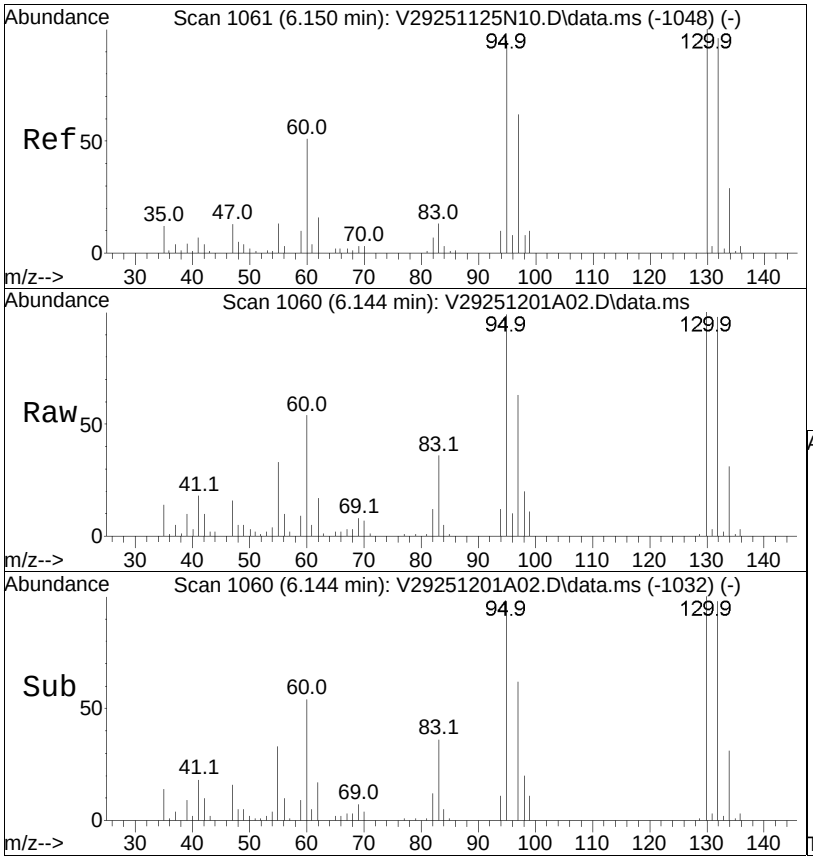


#44
1,2-Dichloroethane
Concen: 36.47 ug/L
RT: 5.704 min Scan# 976
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 62 Resp: 206479

Ion	Ratio	Lower	Upper
62	100		
64	31.4	11.2	51.2
98	7.6	0.0	26.1

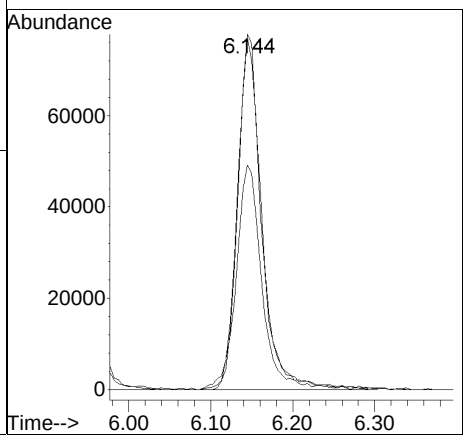


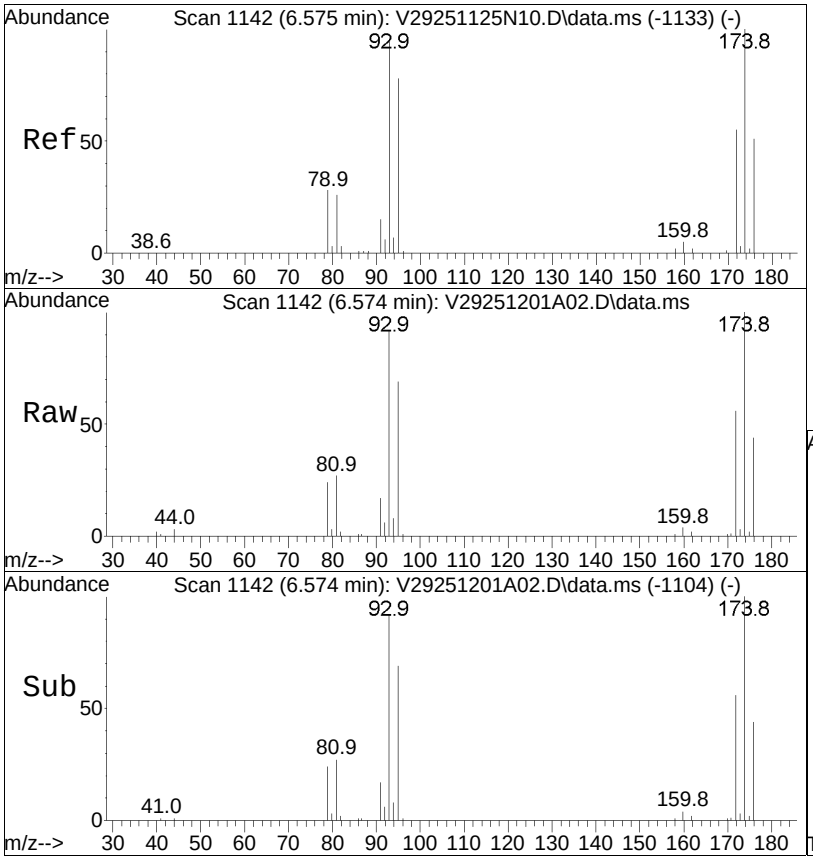


#48
Trichloroethene
Concen: 37.86 ug/L
RT: 6.144 min Scan# 1060
Delta R.T. -0.006 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 95 Resp: 159034

Ion	Ratio	Lower	Upper
95	100		
97	67.4	55.5	83.3
130	99.1	76.6	115.0

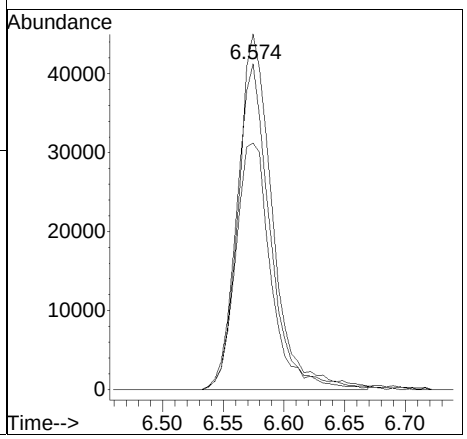


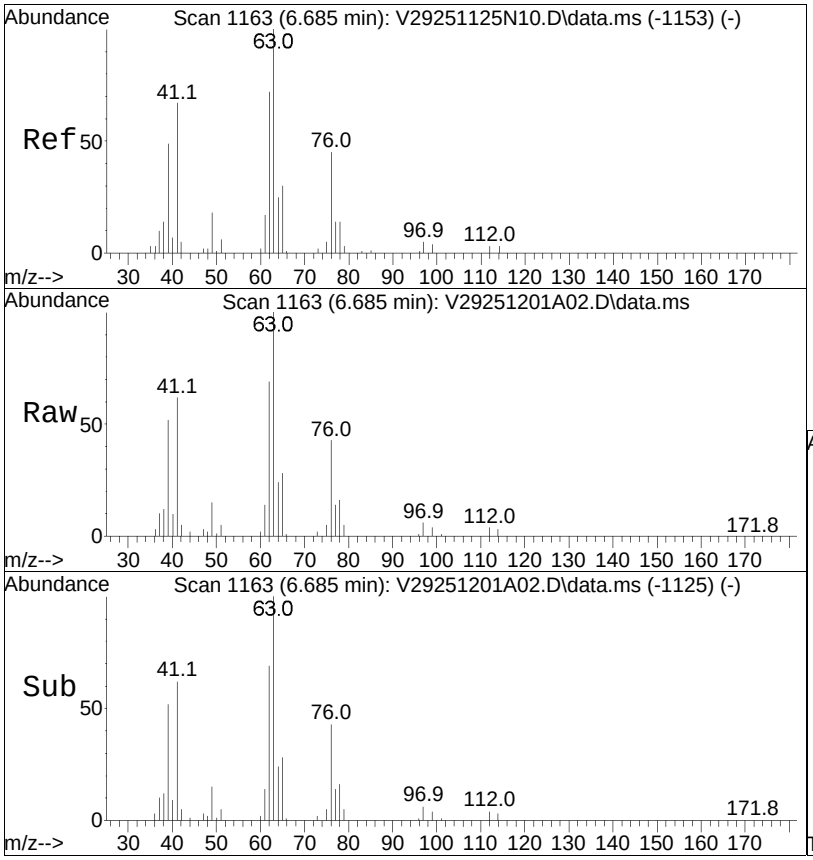


#50
Dibromomethane
Concen: 36.65 ug/L
RT: 6.574 min Scan# 1142
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 93 Resp: 79021

Ion	Ratio	Lower	Upper
93	100		
95	79.8	67.0	100.4
174	111.3	75.0	112.4

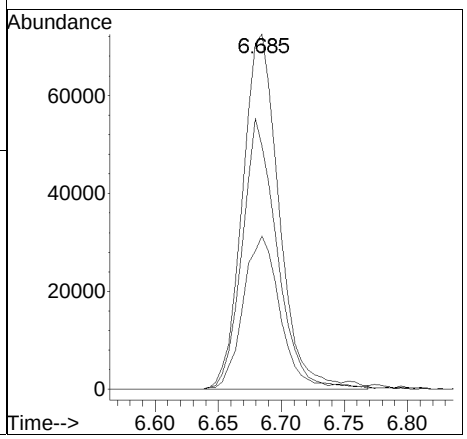


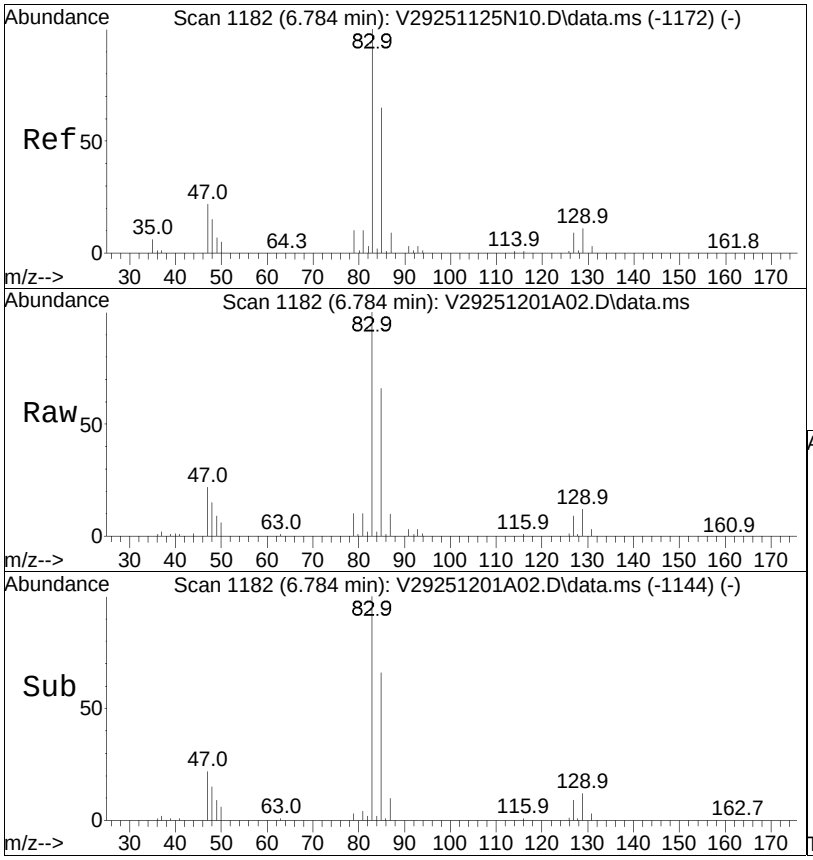


#51
1,2-Dichloropropane
Concen: 35.48 ug/L
RT: 6.685 min Scan# 1163
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 63 Resp: 147552

Ion	Ratio	Lower	Upper
63	100		
62	72.4	58.6	87.8
76	44.4	38.0	57.0

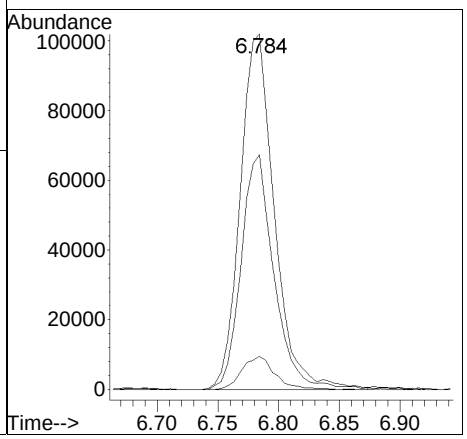


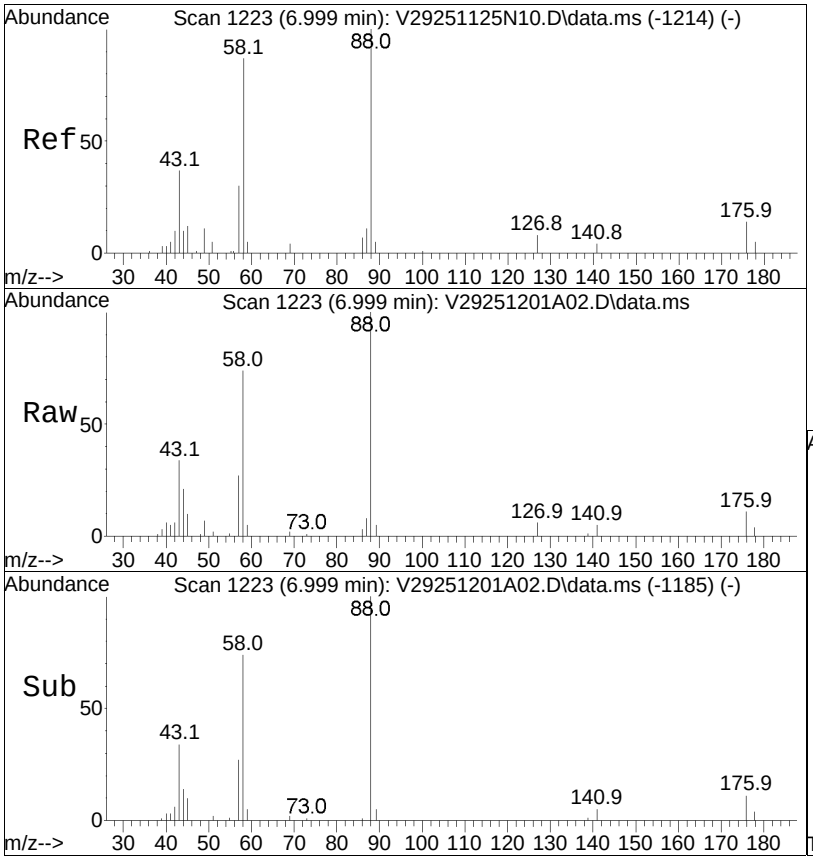


#54
Bromodichloromethane
Concen: 36.20 ug/L
RT: 6.784 min Scan# 1182
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 83 Resp: 199416

Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.3	78.5
127	8.9	6.2	9.4

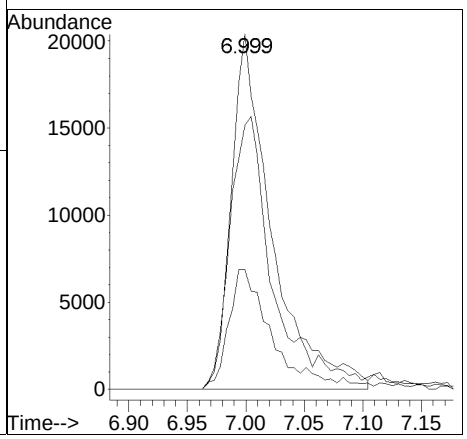


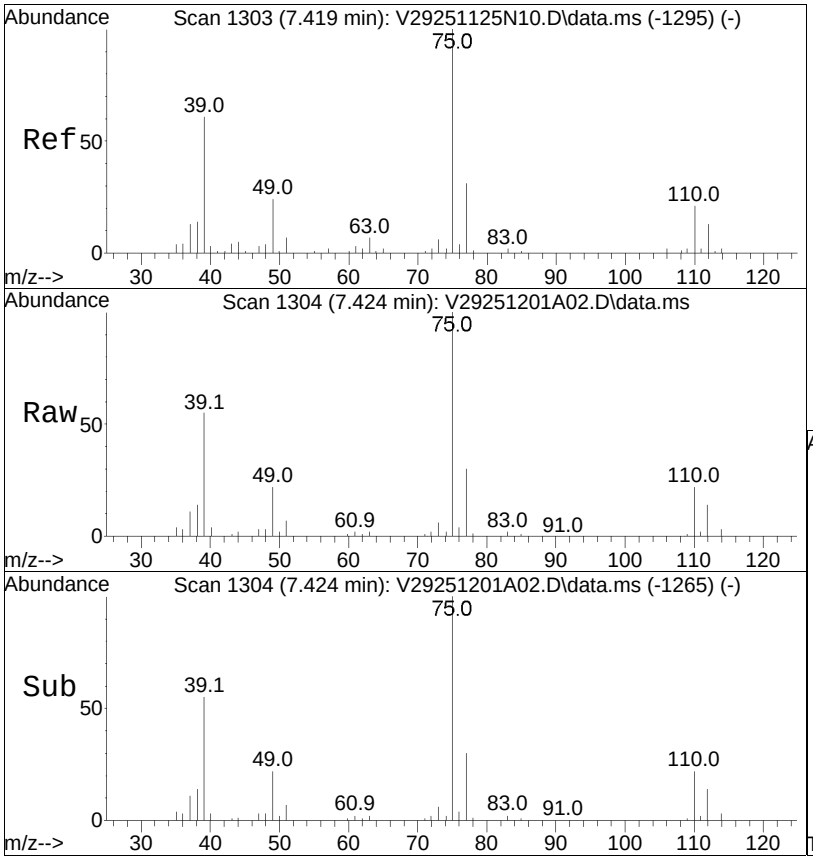


#57
1,4-Dioxane
Concen: 2230.72 ug/L
RT: 6.999 min Scan# 1223
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 88 Resp: 49583

Ion	Ratio	Lower	Upper
88	100		
58	80.6	76.7	115.1
43	35.1	36.2	54.2#

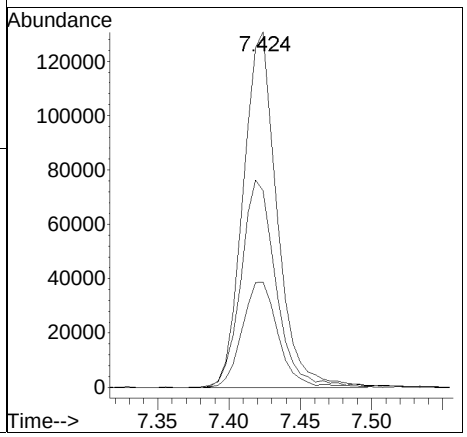


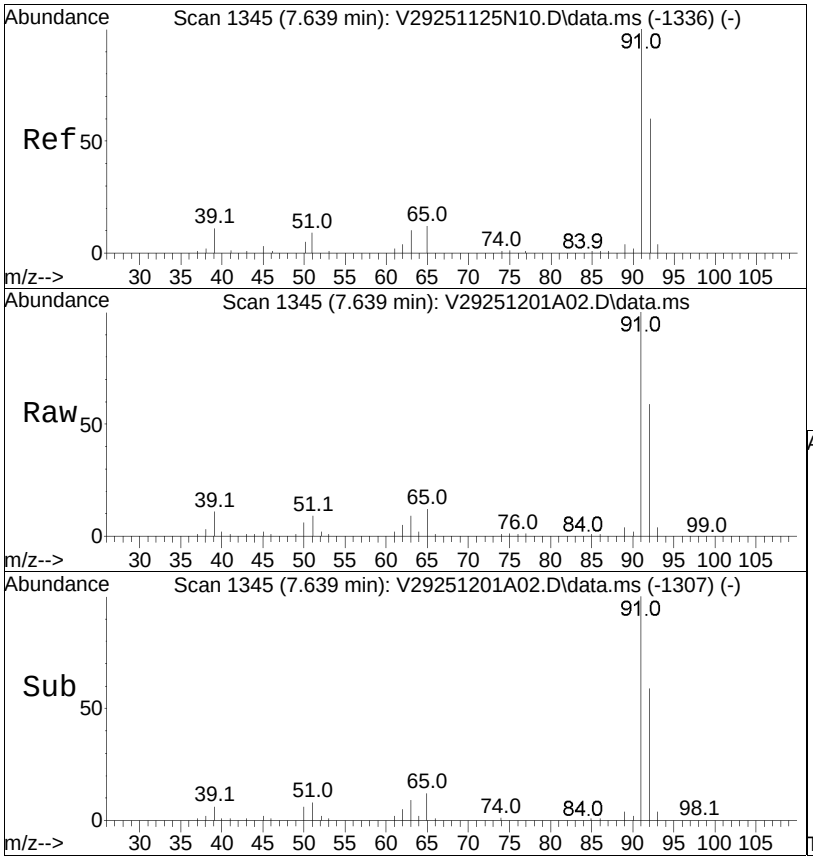


#58
cis-1,3-Dichloropropene
Concen: 37.97 ug/L
RT: 7.424 min Scan# 1304
Delta R.T. 0.005 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 75 Resp: 216562

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.4
39	60.7	50.1	75.1

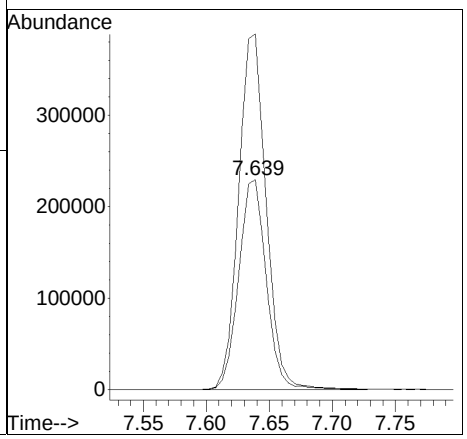


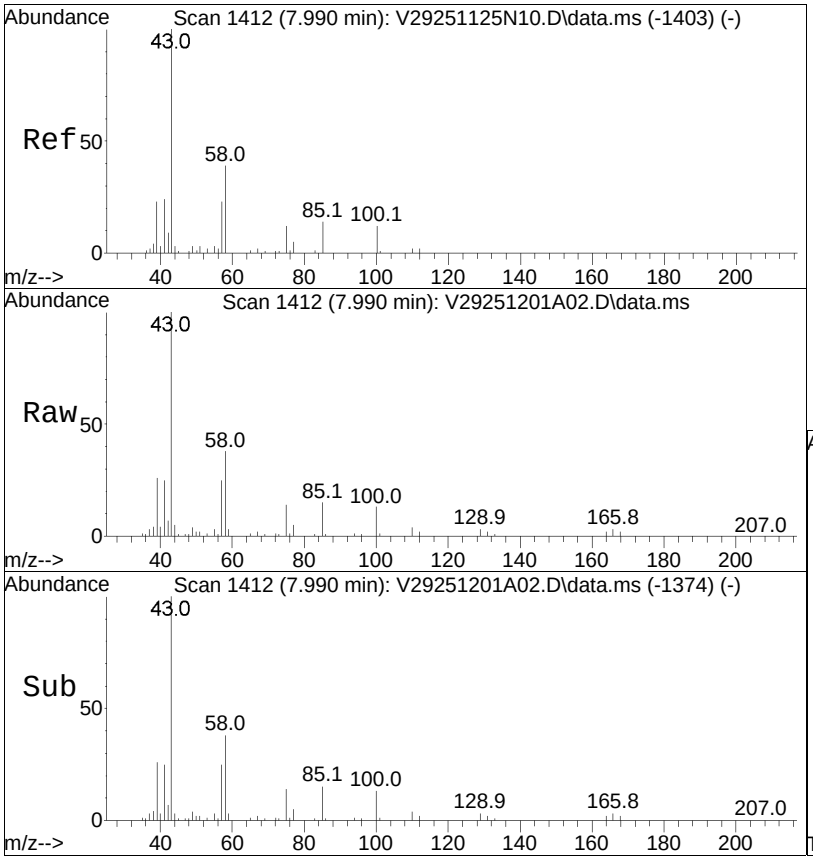


#61
Toluene
Concen: 35.45 ug/L
RT: 7.639 min Scan# 1345
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 92 Resp: 347419

Ion	Ratio	Lower	Upper
92	100		
91	169.4	139.8	209.6

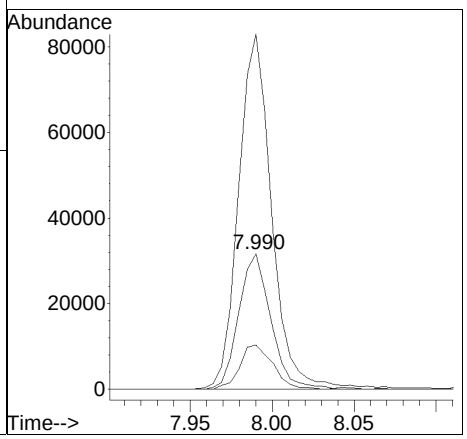


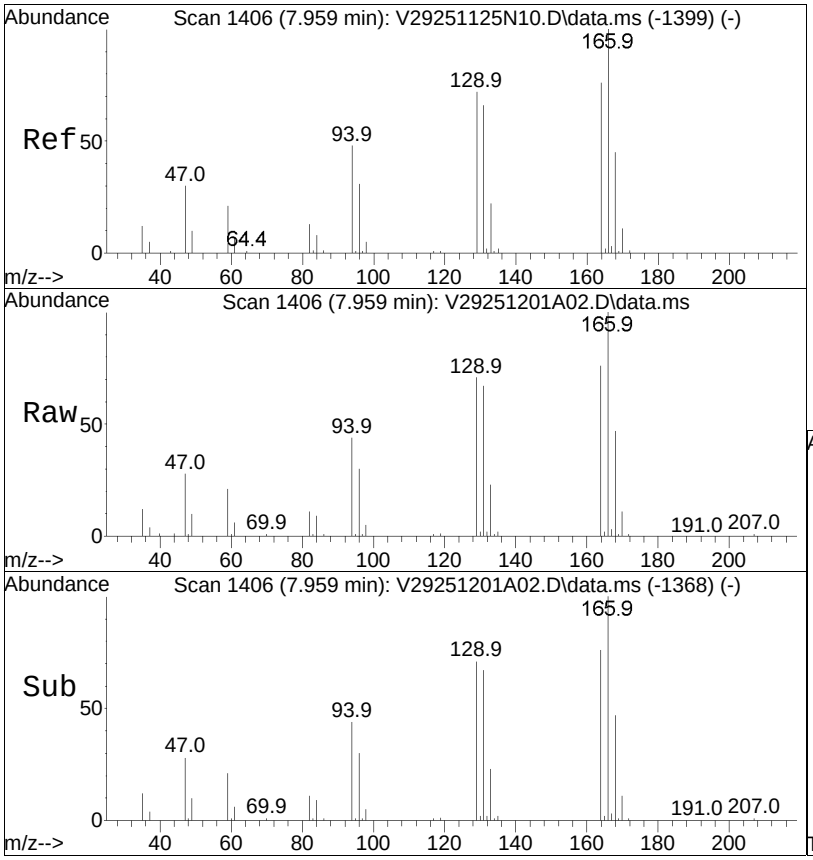


#62
4-Methyl-2-pentanone
Concen: 39.64 ug/L
RT: 7.990 min Scan# 1412
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 58 Resp: 43591

Ion	Ratio	Lower	Upper
58	100		
100	34.0	20.2	30.2#
43	268.9	196.6	295.0

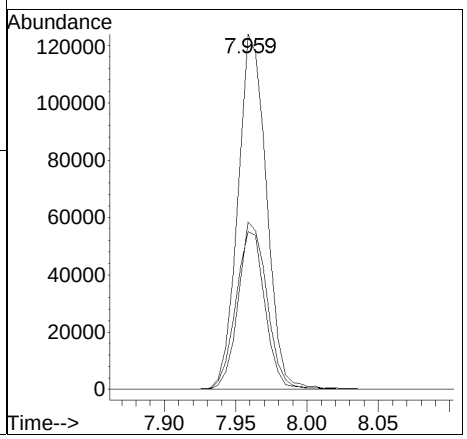


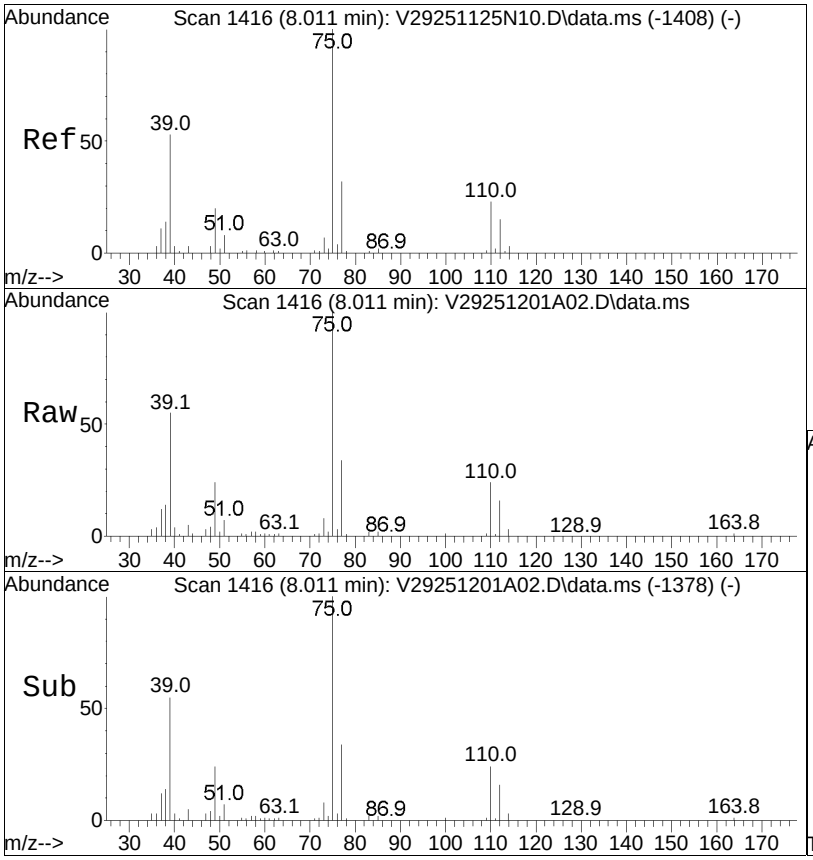


#63
Tetrachloroethene
Concen: 39.11 ug/L
RT: 7.959 min Scan# 1406
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:166 Resp: 173373

Ion	Ratio	Lower	Upper
166	100		
168	47.1	28.2	68.2
94	45.5	38.4	78.4

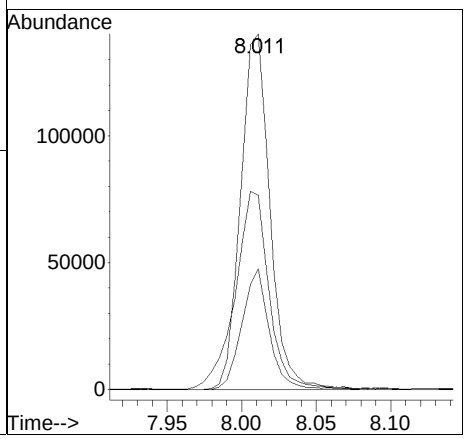


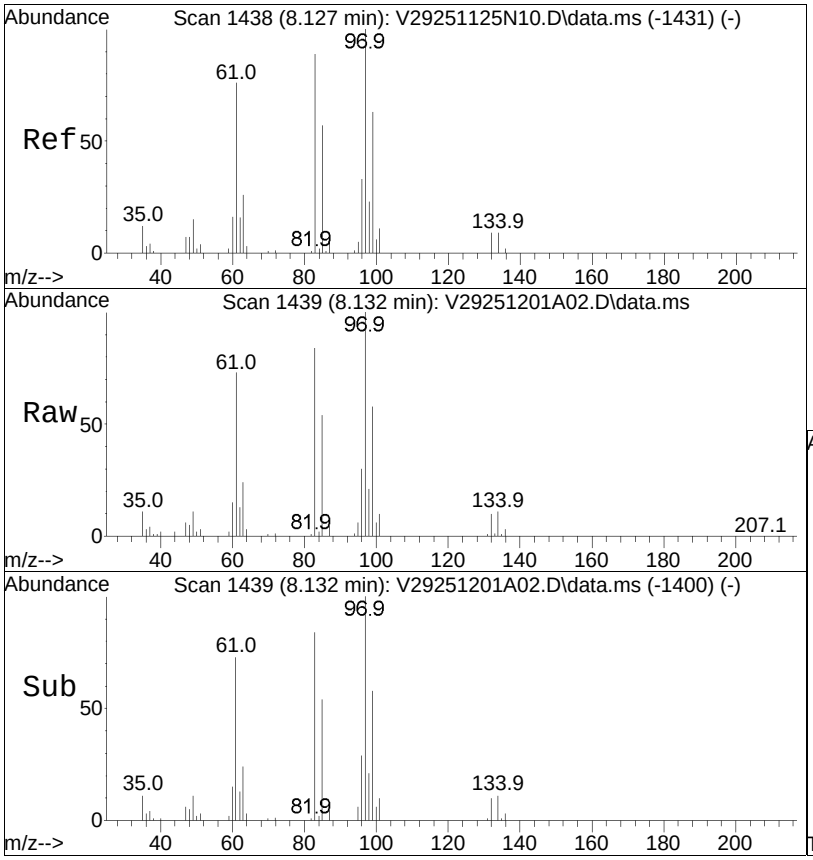


#65
trans-1,3-Dichloropropene
Concen: 36.93 ug/L
RT: 8.011 min Scan# 1416
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 75 Resp: 192157

Ion	Ratio	Lower	Upper
75	100		
77	31.6	12.4	52.4
39	63.6	42.8	82.8

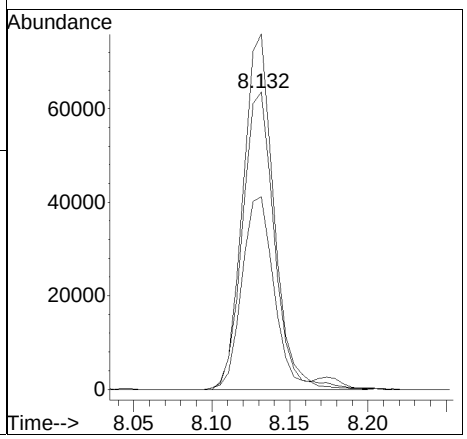


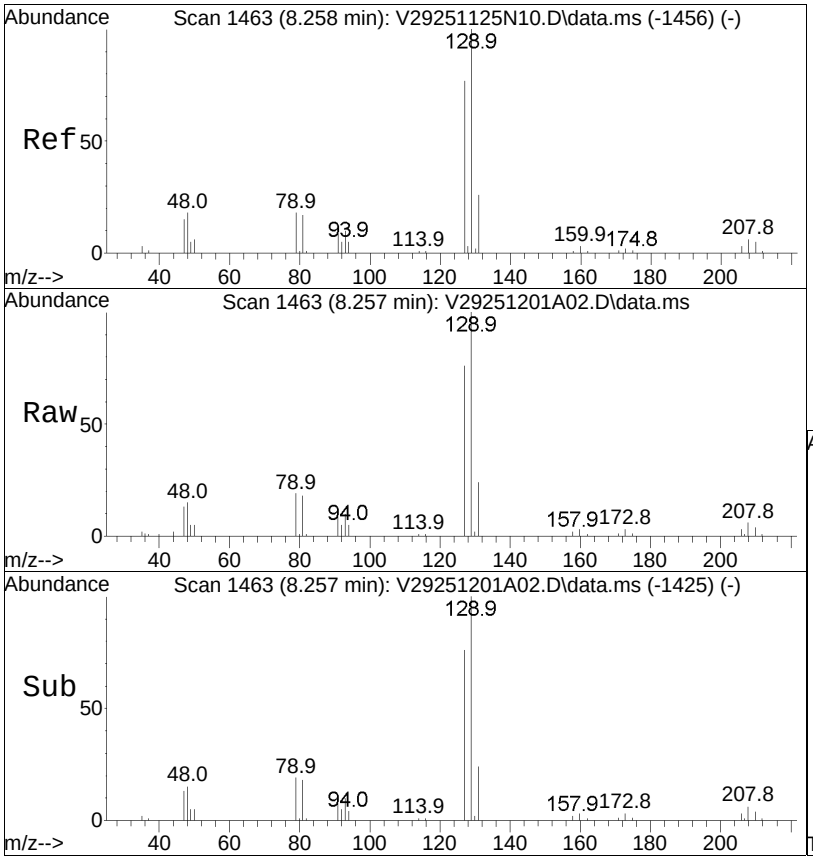


#68
1,1,2-Trichloroethane
Concen: 35.98 ug/L
RT: 8.132 min Scan# 1439
Delta R.T. 0.005 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 83 Resp: 89459

Ion	Ratio	Lower	Upper
83	100		
97	118.0	89.8	129.8
85	65.8	44.4	84.4

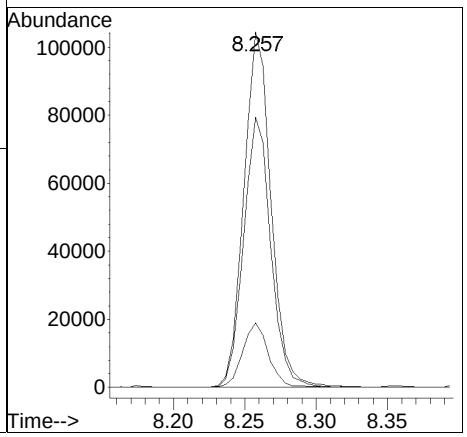


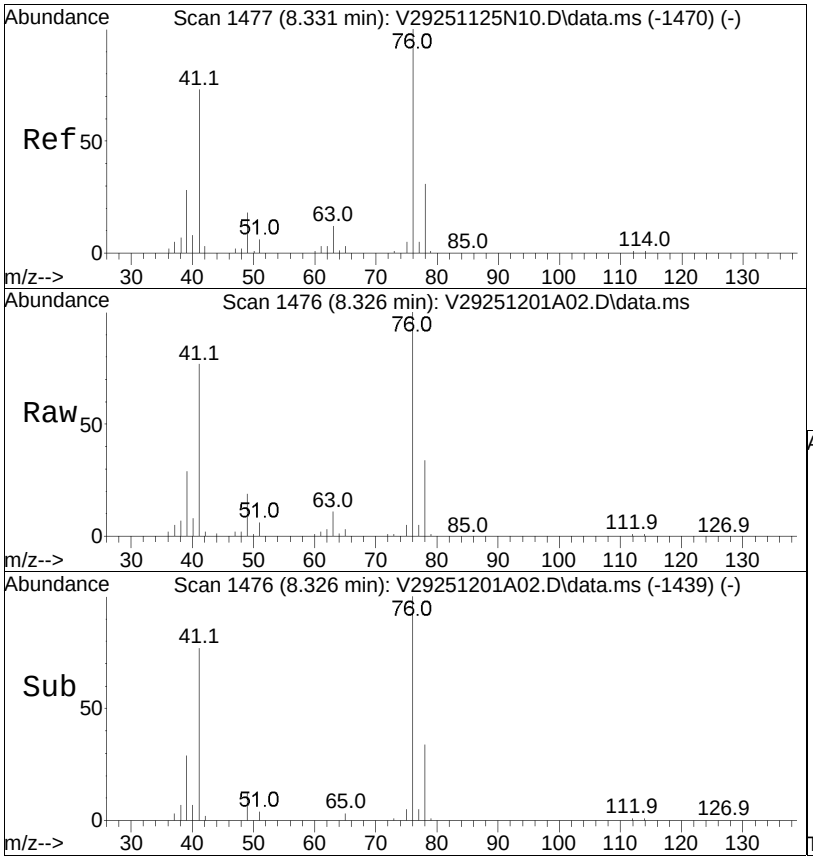


#69
Chlorodibromomethane
Concen: 36.02 ug/L
RT: 8.257 min Scan# 1463
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:129 Resp: 138977

Ion	Ratio	Lower	Upper
129	100		
81	17.4	2.9	42.9
127	76.1	57.8	97.8

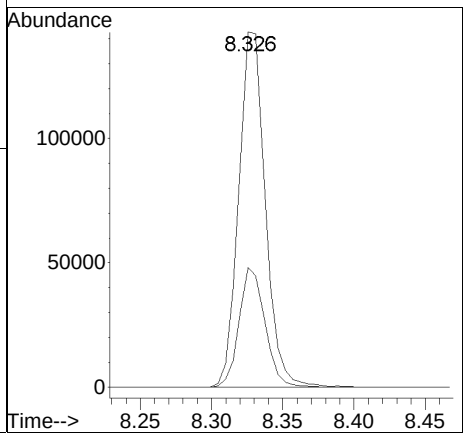


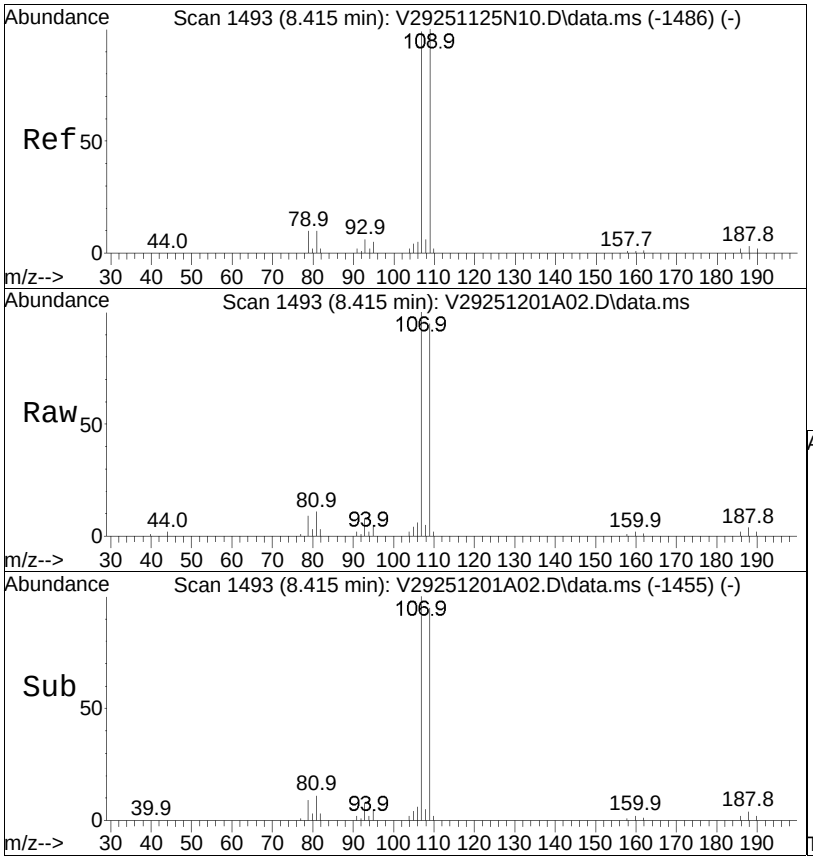


#70
1,3-Dichloropropane
Concen: 35.89 ug/L
RT: 8.326 min Scan# 1476
Delta R.T. -0.006 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 76 Resp: 186385

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.5	38.3

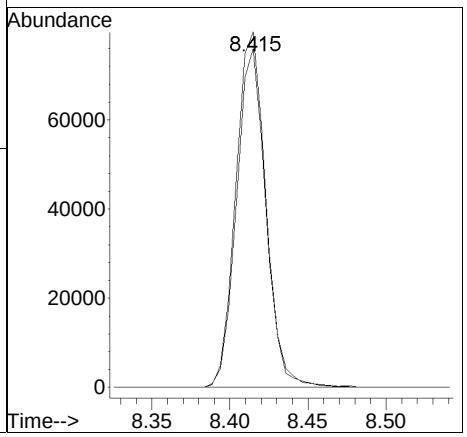


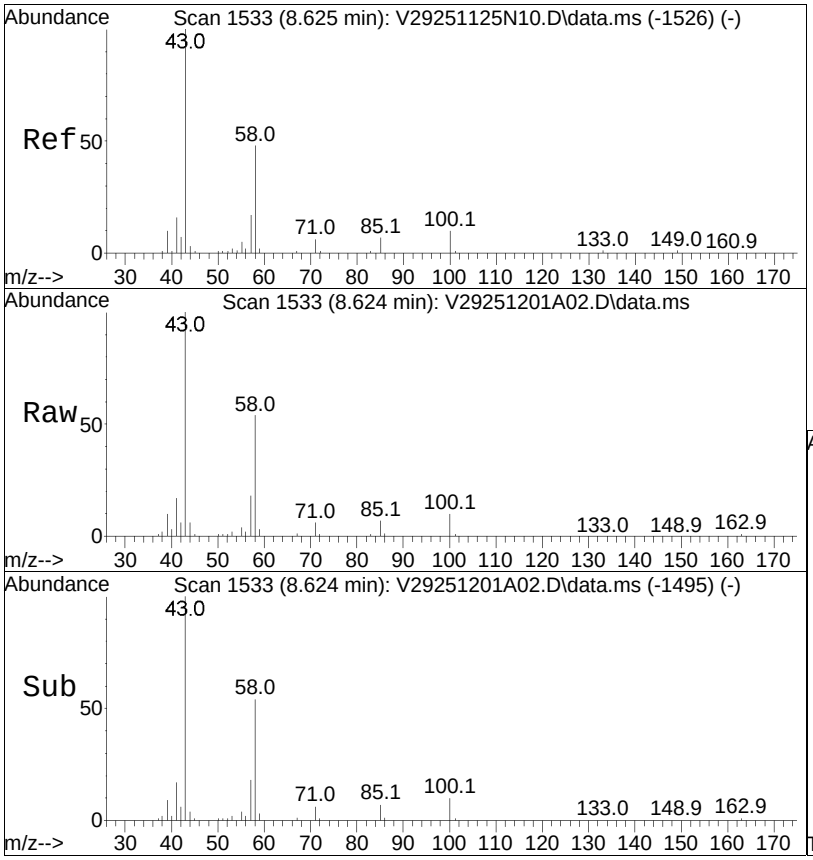


#71
1,2-Dibromoethane
Concen: 37.72 ug/L
RT: 8.415 min Scan# 1493
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:107 Resp: 106739

Ion	Ratio	Lower	Upper
107	100		
109	93.1	74.3	111.5

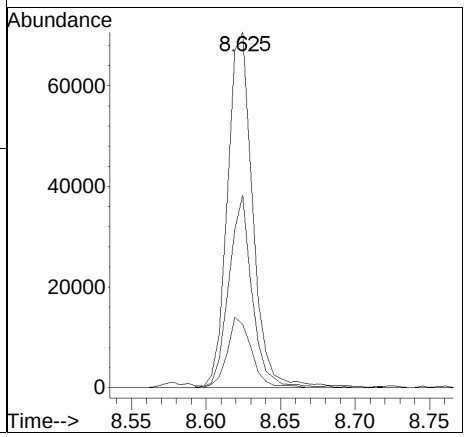


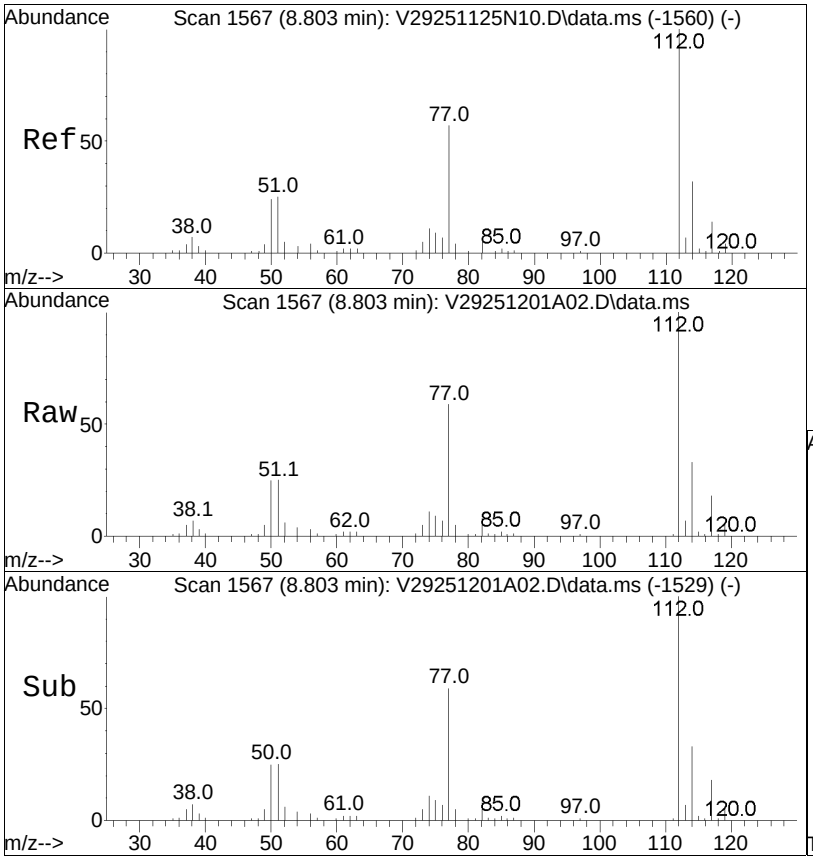


#72
2-Hexanone
Concen: 38.96 ug/L
RT: 8.624 min Scan# 1533
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 43 Resp: 83447

Ion	Ratio	Lower	Upper
43	100		
58	49.9	41.2	61.8
57	18.8	17.2	25.8

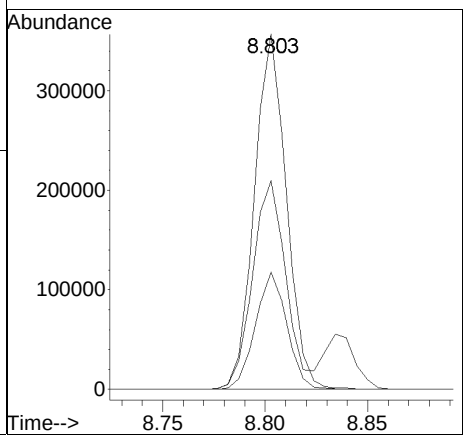


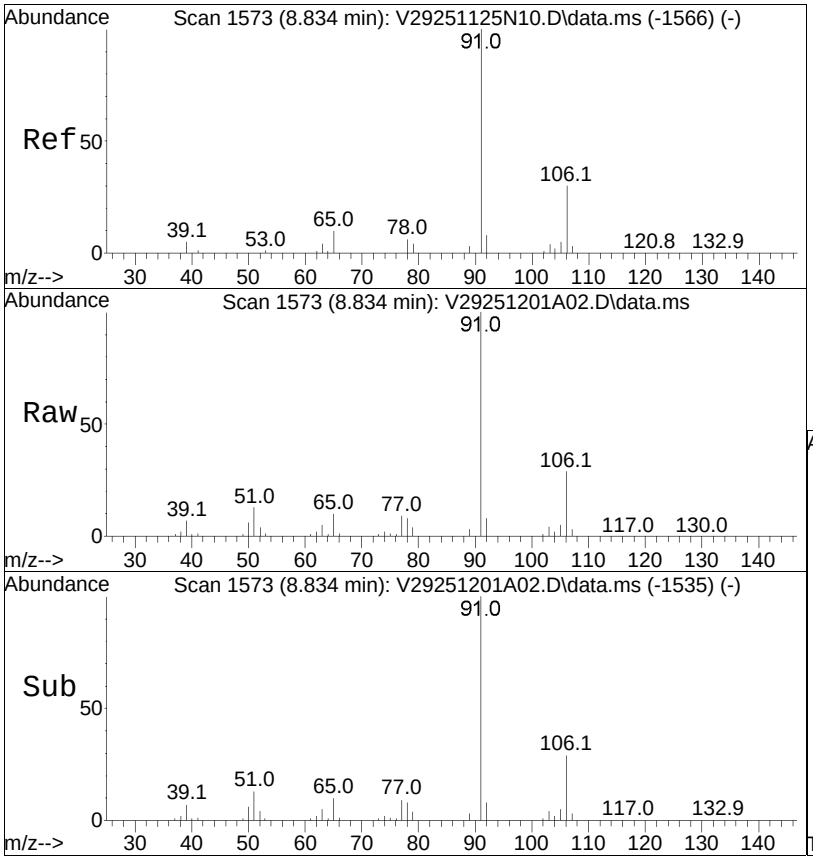


#73
Chlorobenzene
Concen: 35.66 ug/L
RT: 8.803 min Scan# 1567
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:112 Resp: 387346

Ion	Ratio	Lower	Upper
112	100		
77	61.9	55.4	83.0
114	32.5	25.4	38.2

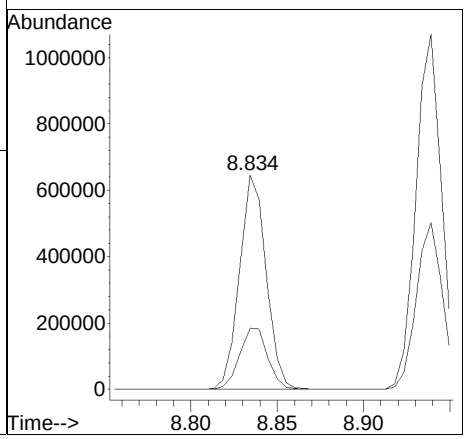


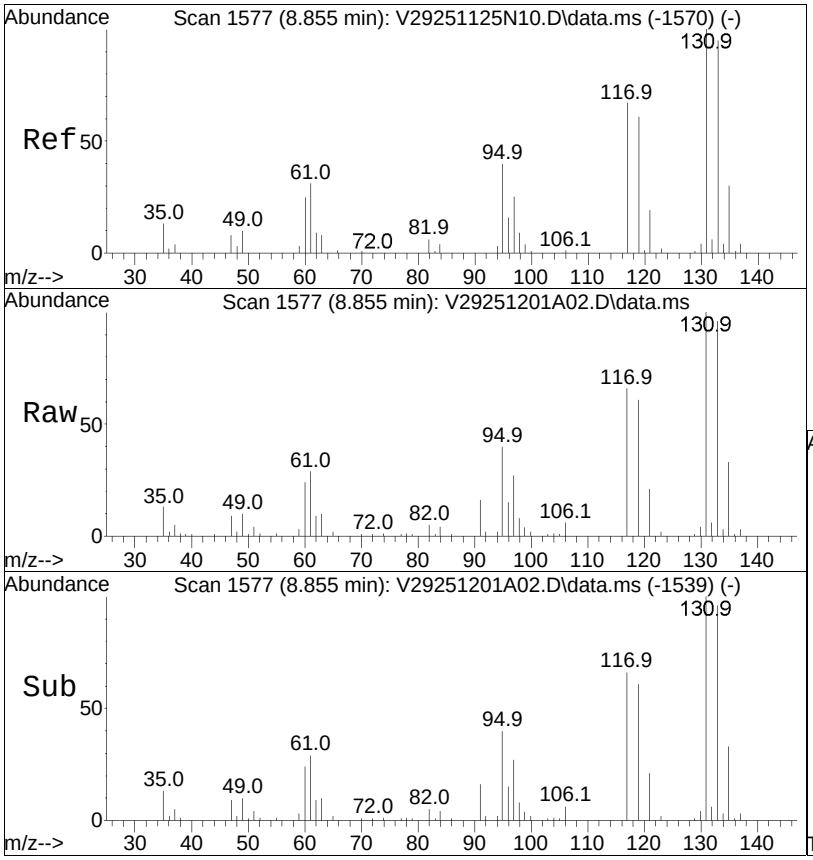


#74
Ethylbenzene
Concen: 38.21 ug/L
RT: 8.834 min Scan# 1573
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 91 Resp: 695146

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.3	36.5

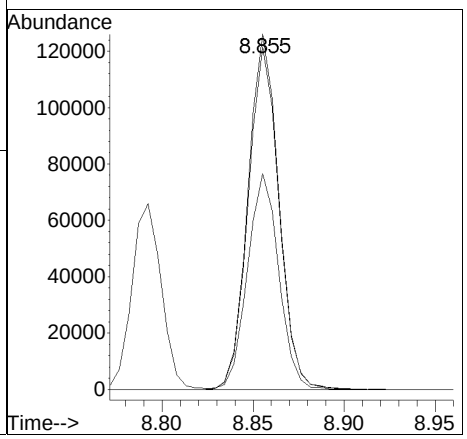


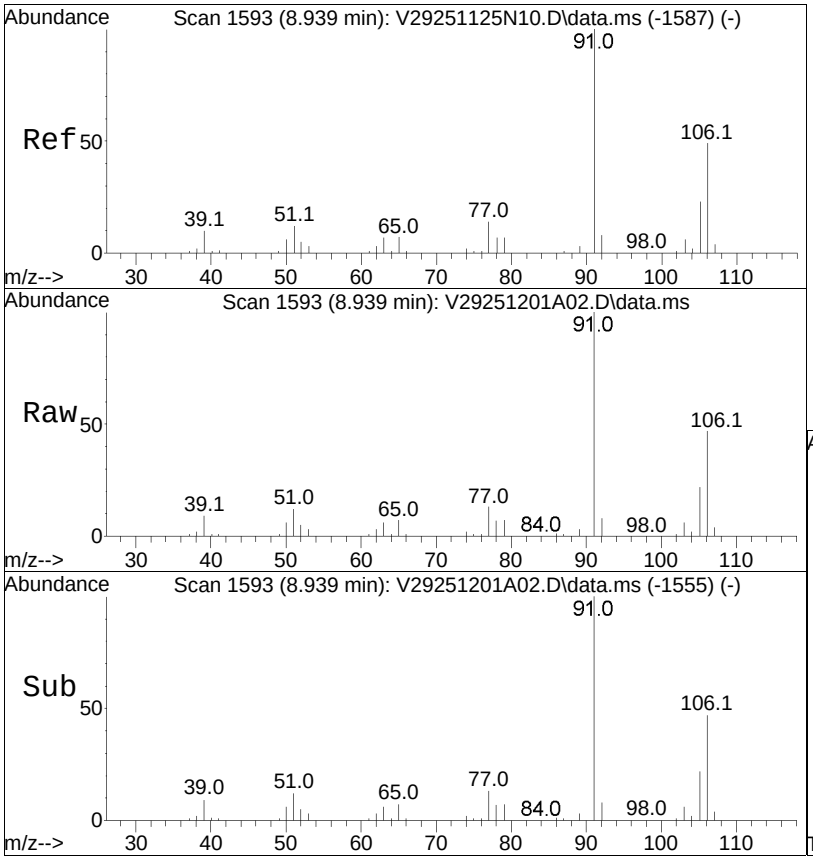


#75
1,1,1,2-Tetrachloroethane
Concen: 36.71 ug/L
RT: 8.855 min Scan# 1577
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:131 Resp: 148818

Ion	Ratio	Lower	Upper
131	100		
133	96.1	81.0	121.0
119	61.6	41.3	81.3

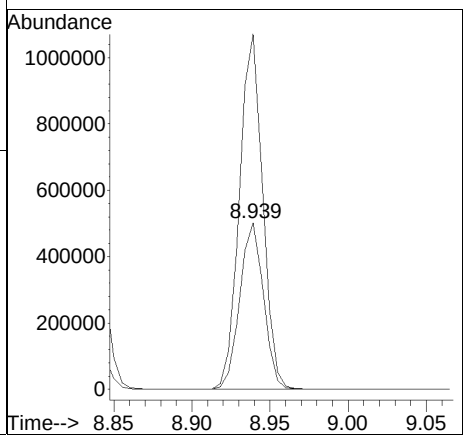


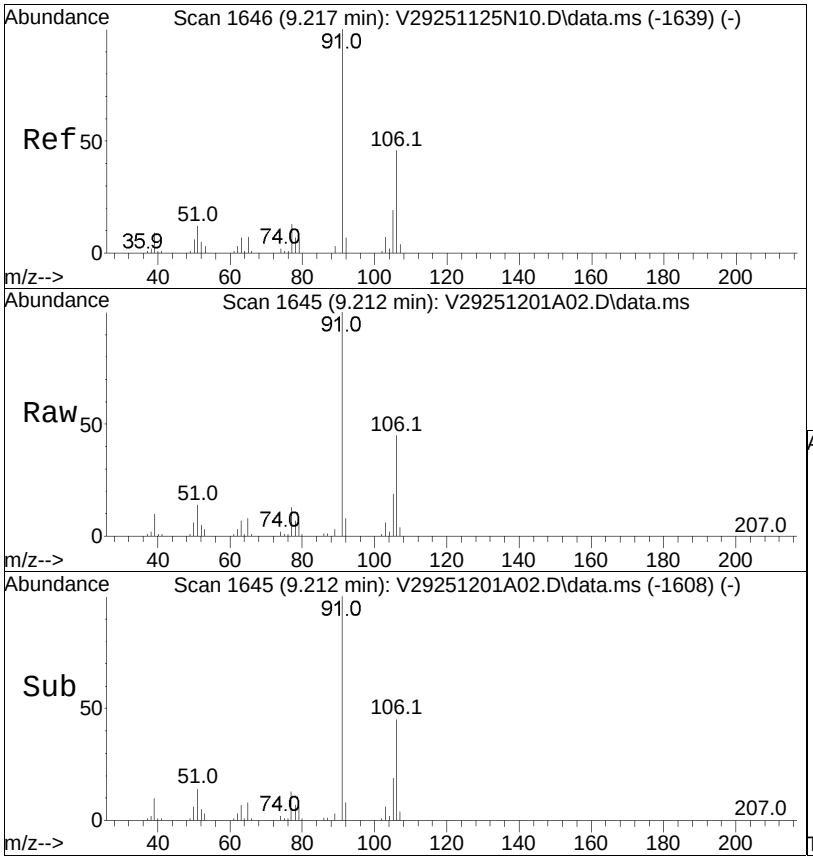


#76
p/m Xylene
Concen: 80.85 ug/L
RT: 8.939 min Scan# 1593
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:106 Resp: 531288

Ion	Ratio	Lower	Upper
106	100		
91	209.2	166.4	249.6

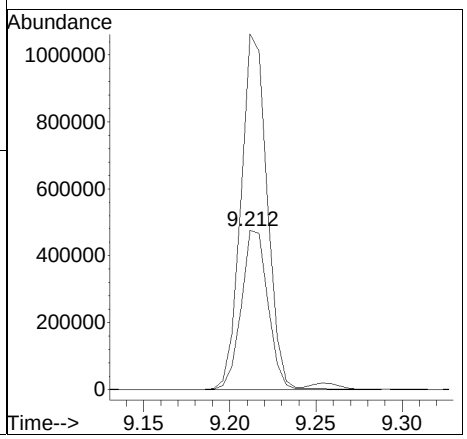


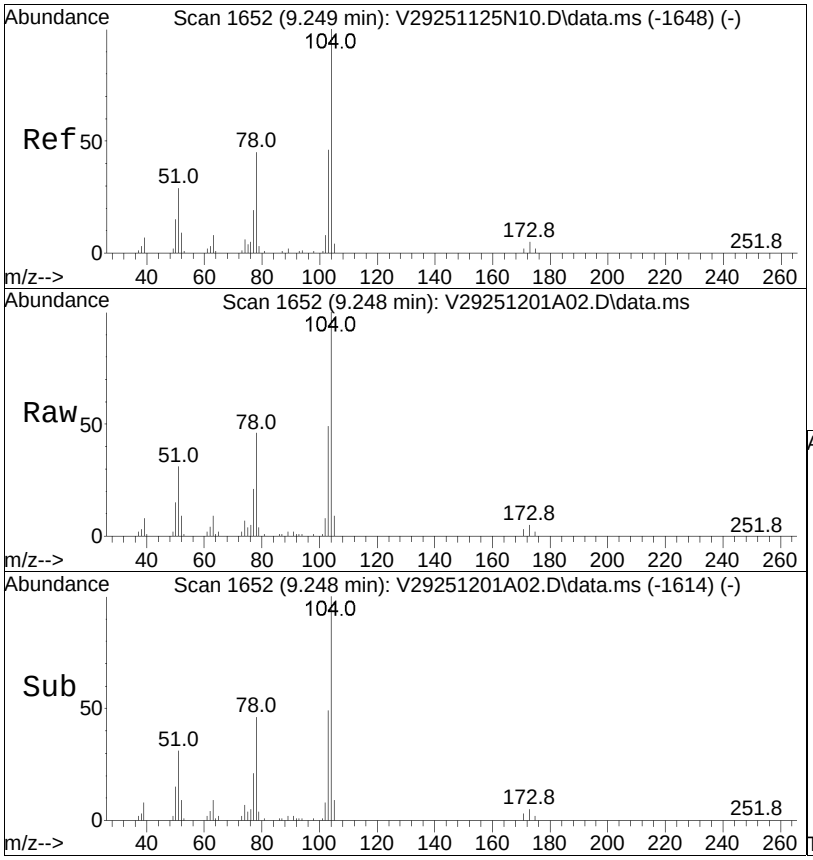


#77
o Xylene
Concen: 79.27 ug/L
RT: 9.212 min Scan# 1645
Delta R.T. -0.006 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:106 Resp: 510535

Ion	Ratio	Lower	Upper
106	100		
91	219.4	182.6	273.8

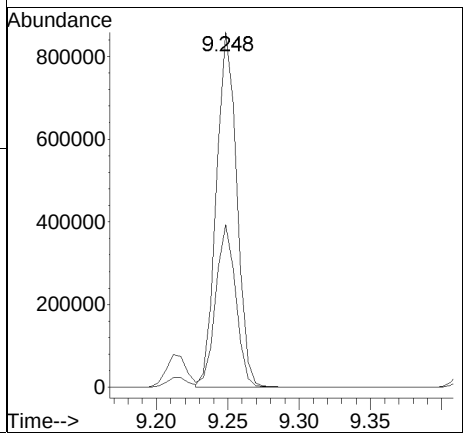


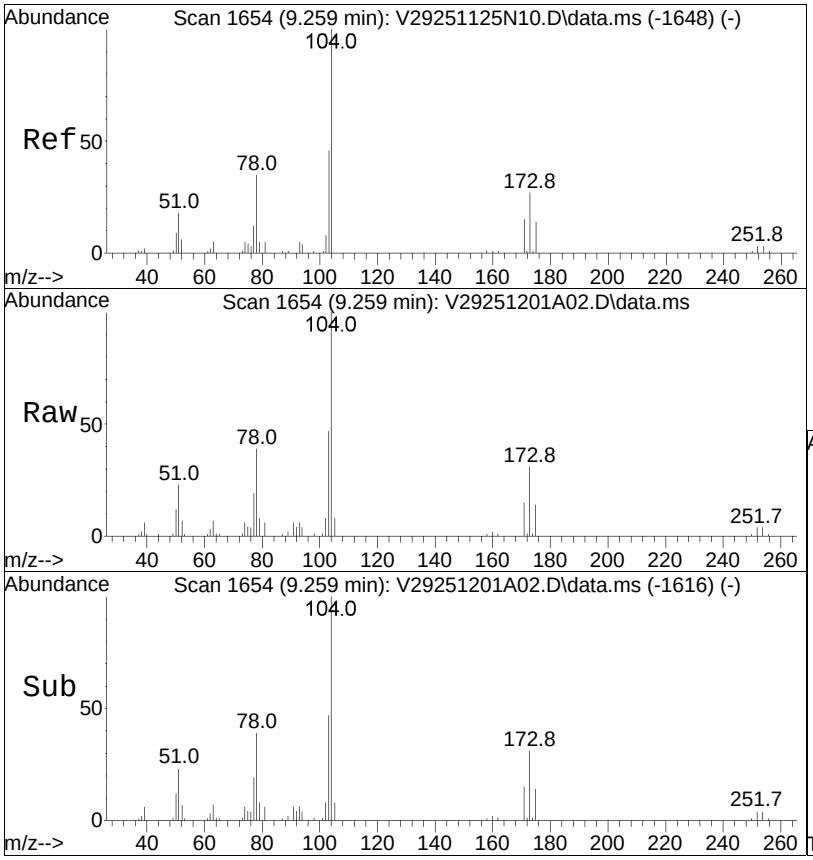


#78
Styrene
Concen: 80.02 ug/L
RT: 9.248 min Scan# 1652
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:104 Resp: 859239

Ion	Ratio	Lower	Upper
104	100		
78	45.0	39.8	59.6

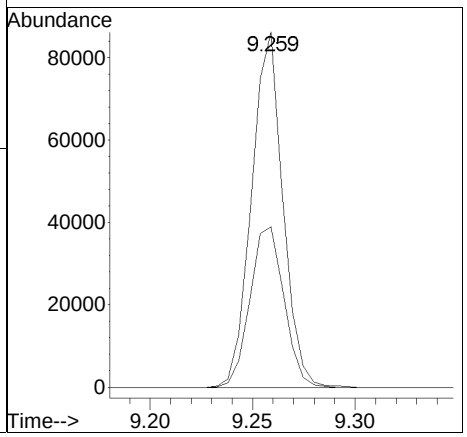


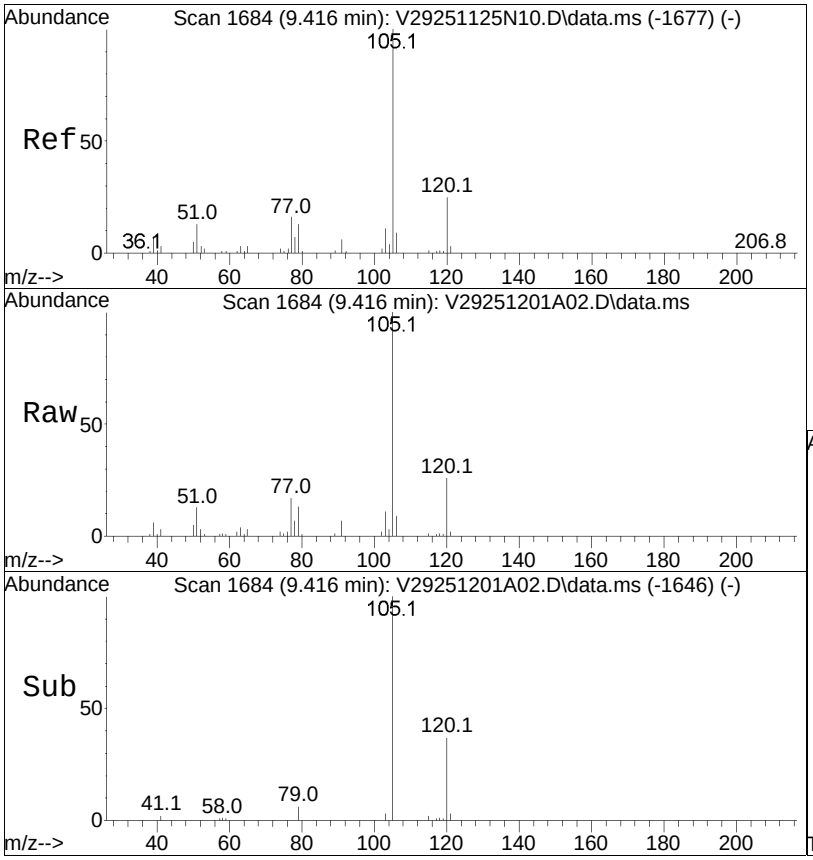


#80
Bromoform
Concen: 34.72 ug/L
RT: 9.259 min Scan# 1654
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:173 Resp: 91597

Ion	Ratio	Lower	Upper
173	100		
175	49.1	31.5	71.5

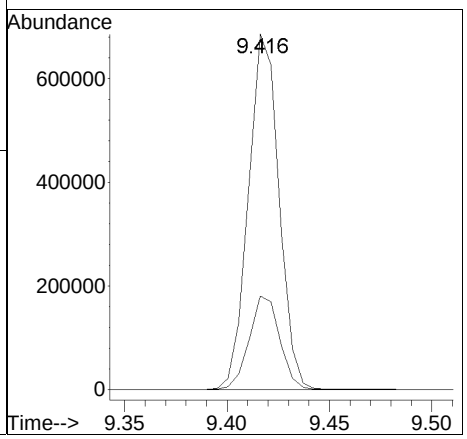


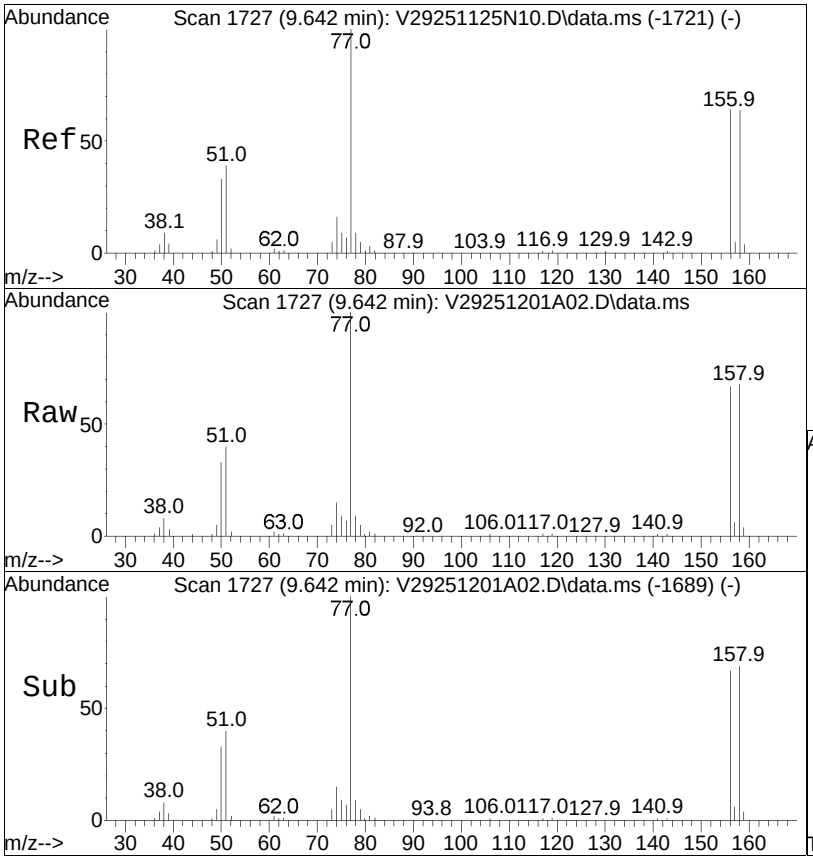


#82
Isopropylbenzene
Concen: 38.10 ug/L
RT: 9.416 min Scan# 1684
Delta R.T. 0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:105 Resp: 711674

Ion	Ratio	Lower	Upper
105	100		
120	26.2	4.8	44.8

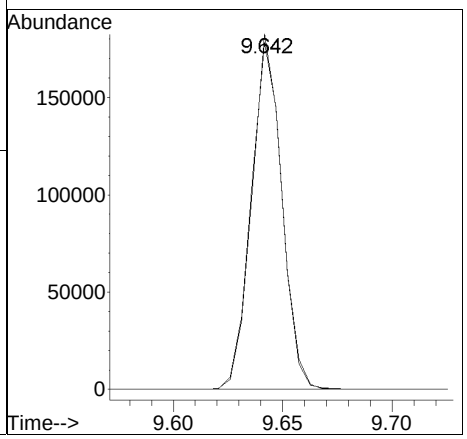


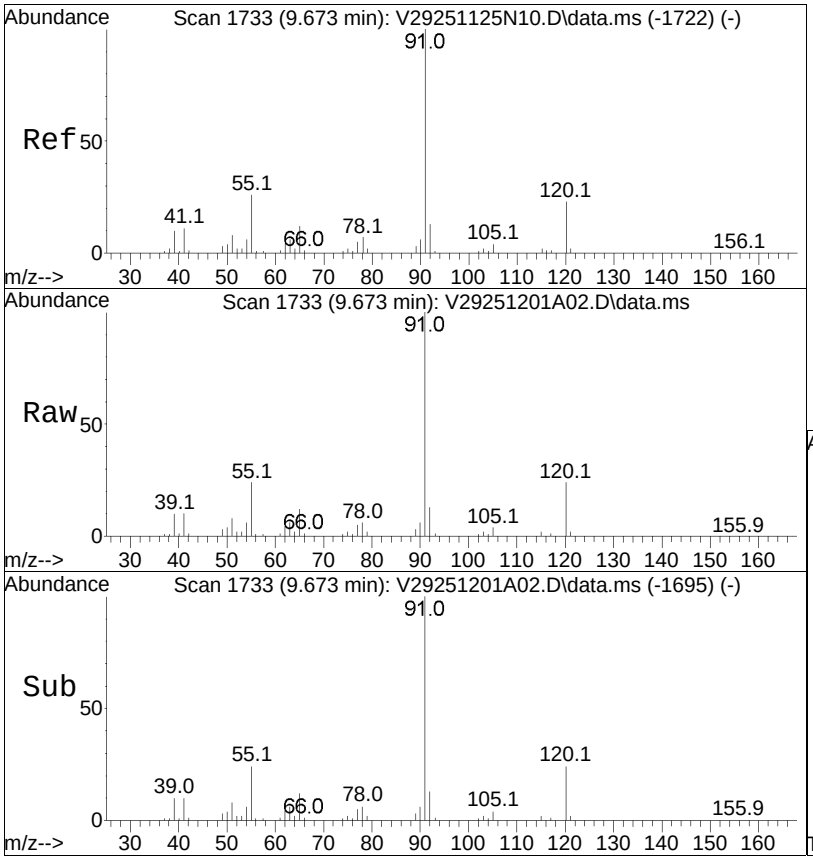


#84
Bromobenzene
Concen: 34.61 ug/L
RT: 9.642 min Scan# 1727
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:156 Resp: 175756

Ion	Ratio	Lower	Upper
156	100		
158	98.8	75.9	113.9

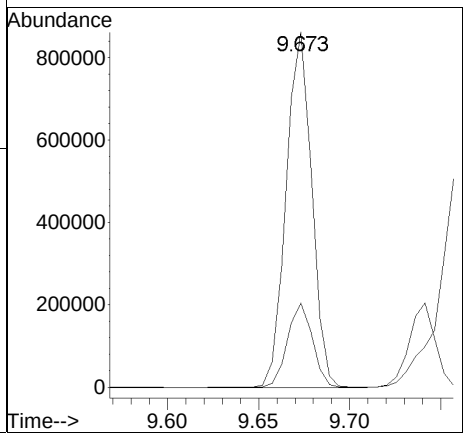


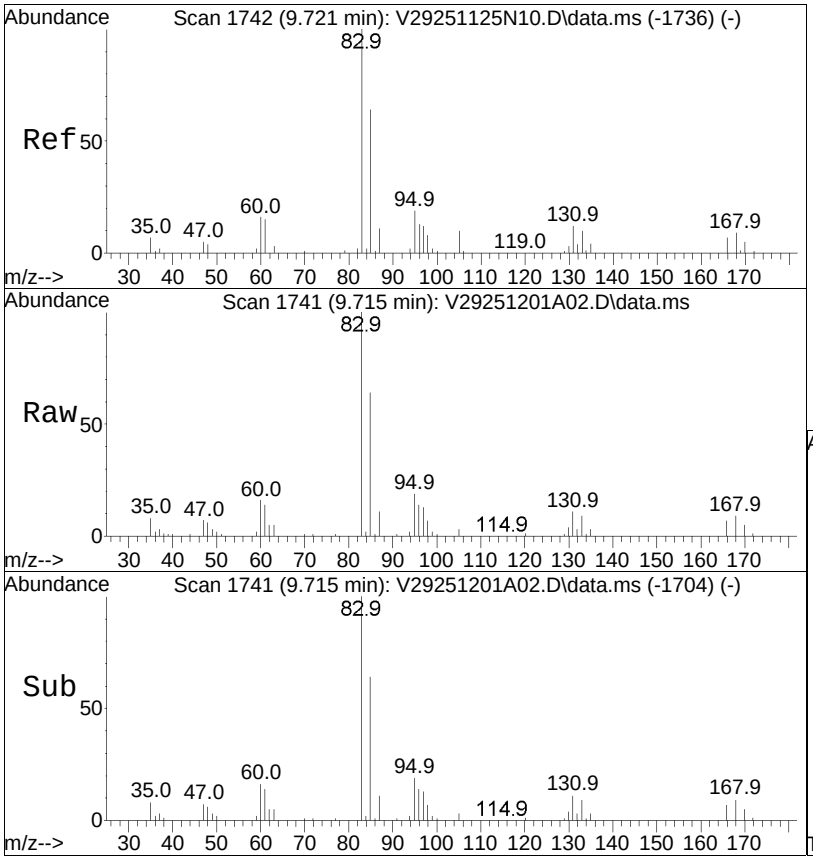


#85
n-Propylbenzene
Concen: 37.65 ug/L
RT: 9.673 min Scan# 1733
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 91 Resp: 845116

Ion	Ratio	Lower	Upper
91	100		
120	23.1	17.0	25.6

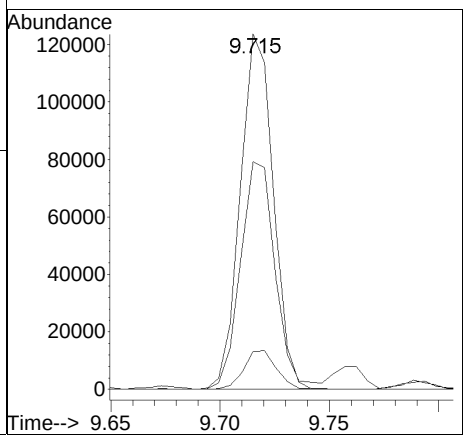


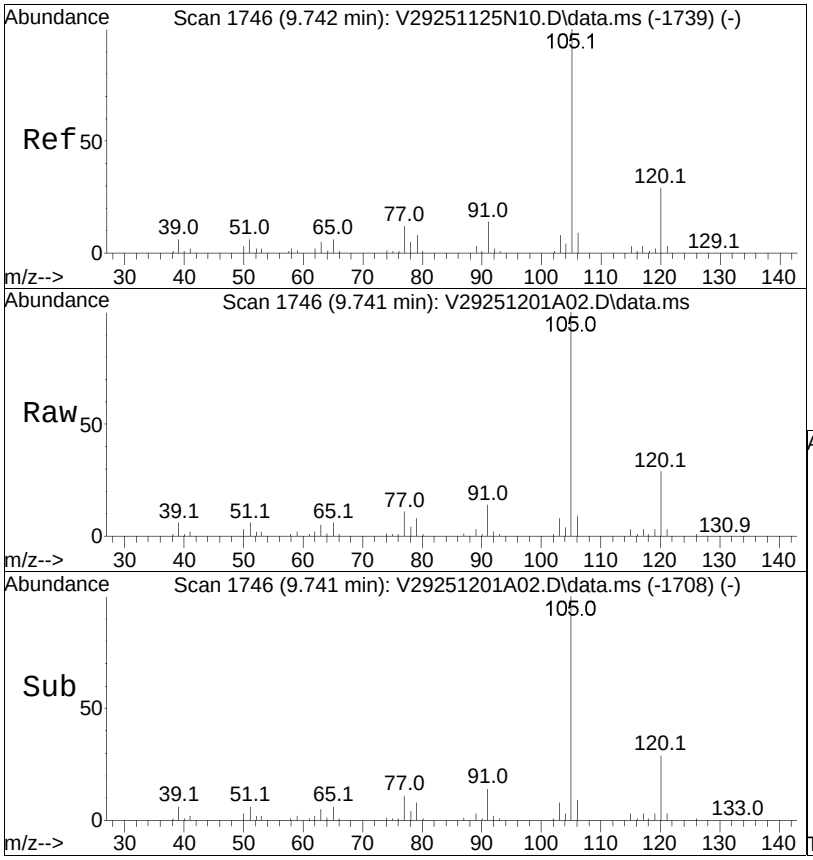


#87
1,1,2,2-Tetrachloroethane
Concen: 34.29 ug/L
RT: 9.715 min Scan# 1741
Delta R.T. -0.005 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 83 Resp: 130365

Ion	Ratio	Lower	Upper
83	100		
131	10.8	0.0	30.4
85	67.4	45.4	85.4

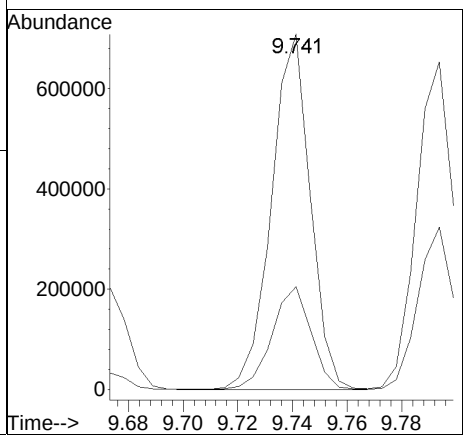


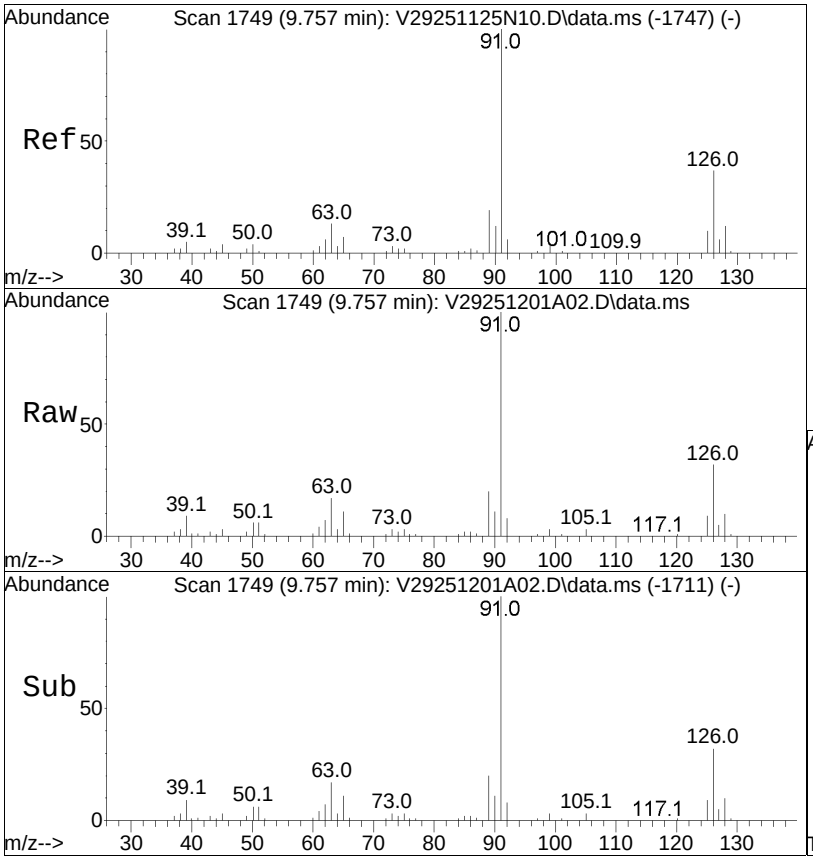


#88
4-Ethyltoluene
Concen: 38.25 ug/L
RT: 9.741 min Scan# 1746
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:105 Resp: 701096

Ion	Ratio	Lower	Upper
105	100		
120	29.0	18.1	37.7

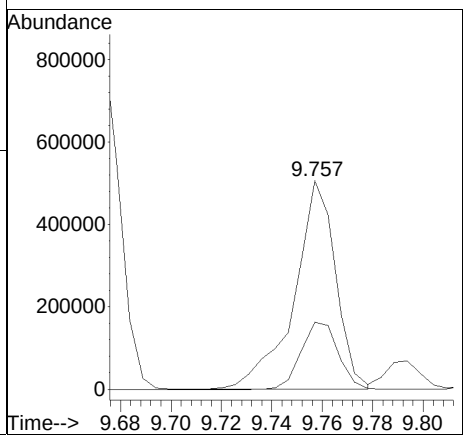


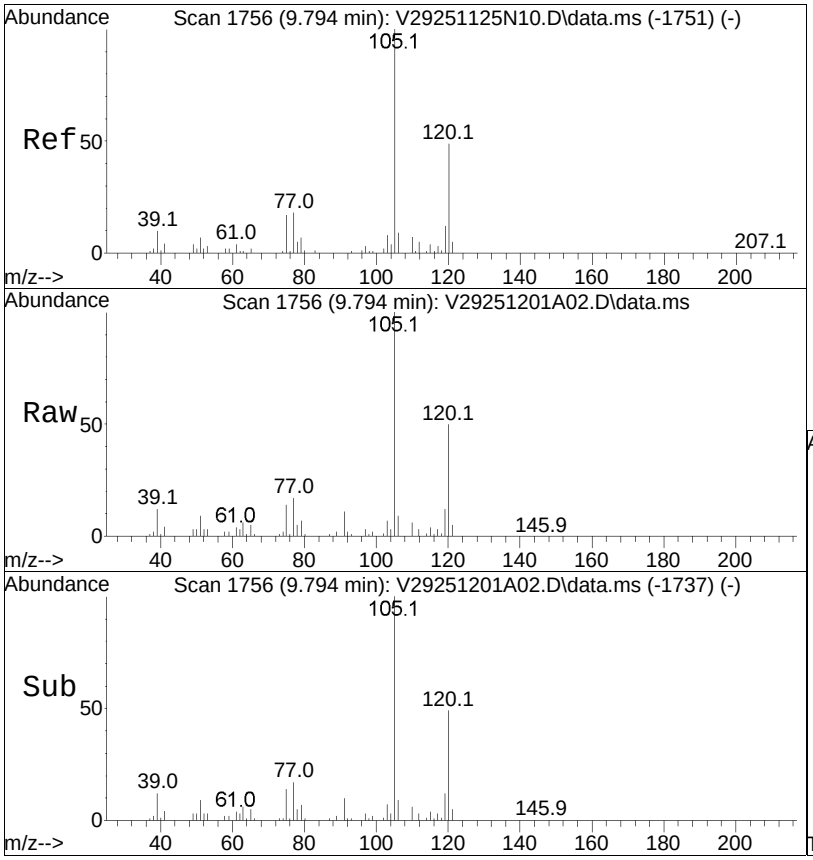


#89
2-Chlorotoluene
Concen: 42.27 ug/L
RT: 9.757 min Scan# 1749
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 91 Resp: 577549

Ion	Ratio	Lower	Upper
91	100		
126	29.0	21.5	32.3

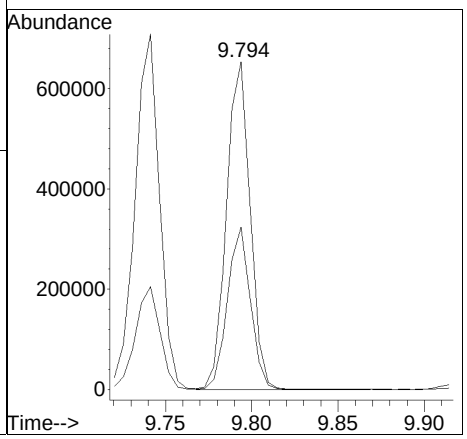


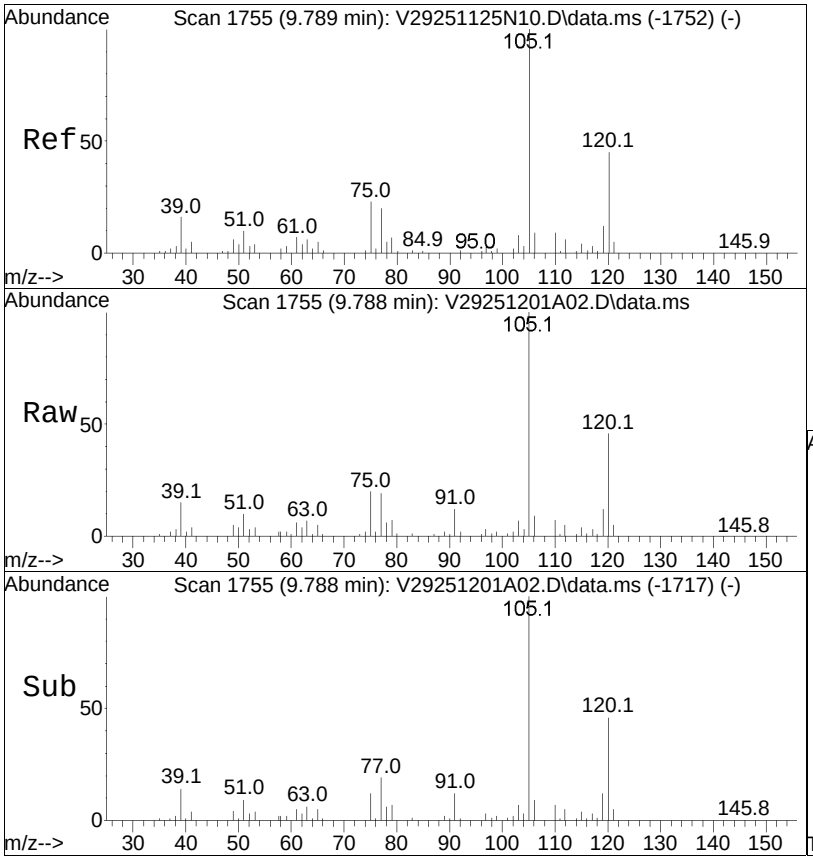


#90
1,3,5-Trimethylbenzene
Concen: 38.34 ug/L
RT: 9.794 min Scan# 1756
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:105 Resp: 622589

Ion	Ratio	Lower	Upper
105	100		
120	48.1	34.8	52.2

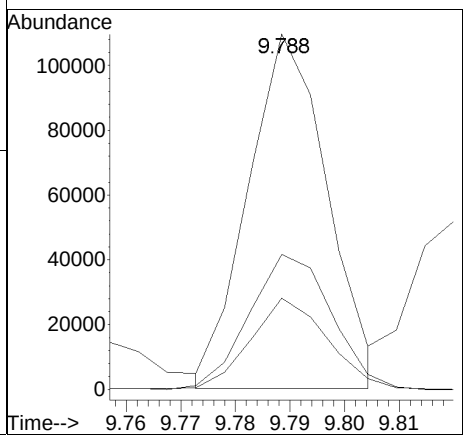


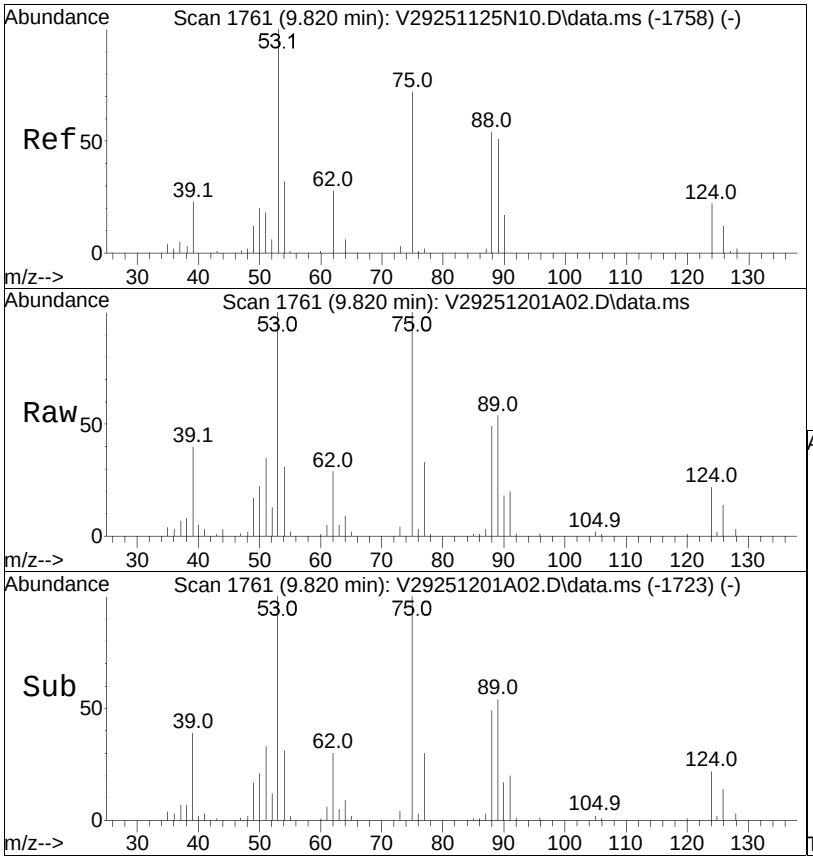


#91
1,2,3-Trichloropropane
Concen: 33.94 ug/L
RT: 9.788 min Scan# 1755
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 75 Resp: 110430

Ion	Ratio	Lower	Upper
75	100		
110	39.7	25.4	52.8
112	25.2	15.6	32.4

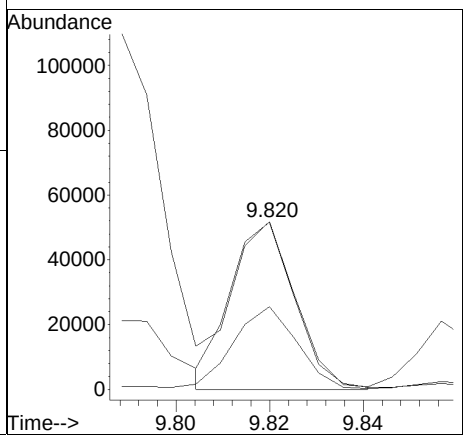


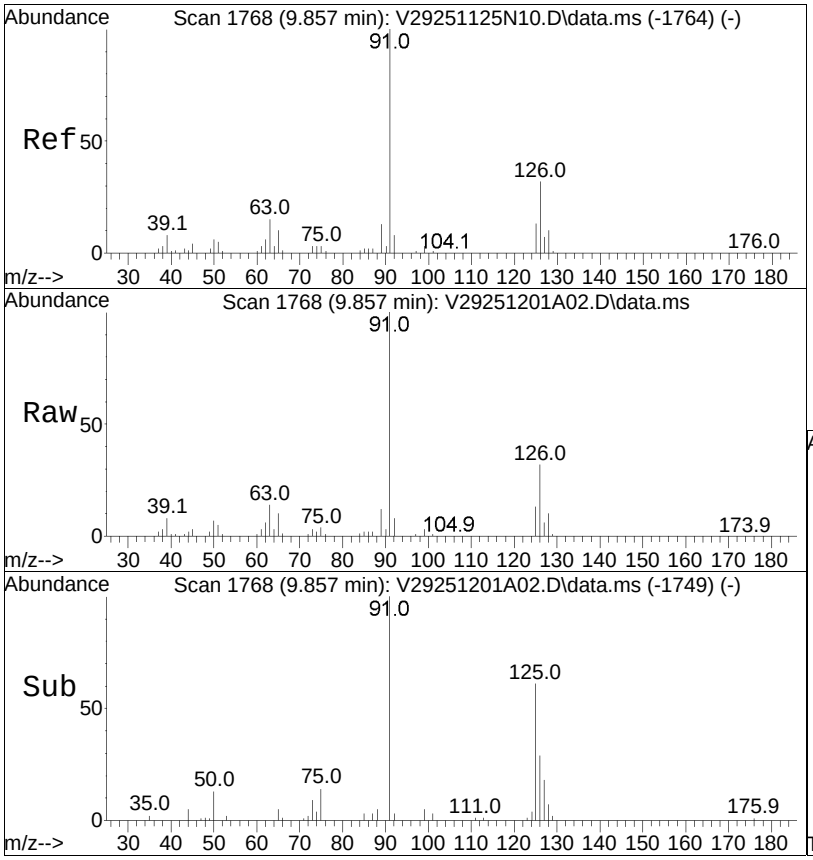


#92
trans-1,4-Dichloro-2-butene
Concen: 36.23 ug/L
RT: 9.820 min Scan# 1761
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 53 Resp: 49165

Ion	Ratio	Lower	Upper
53	100		
88	51.4	39.6	59.4
75	97.3	70.2	105.4

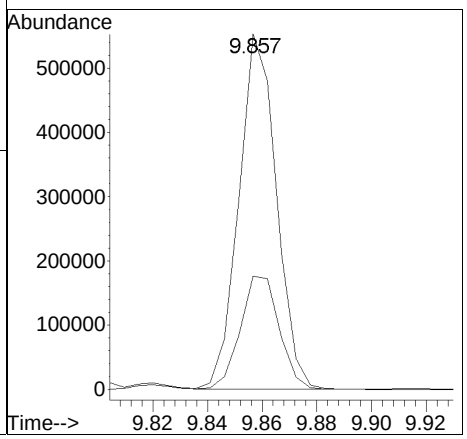


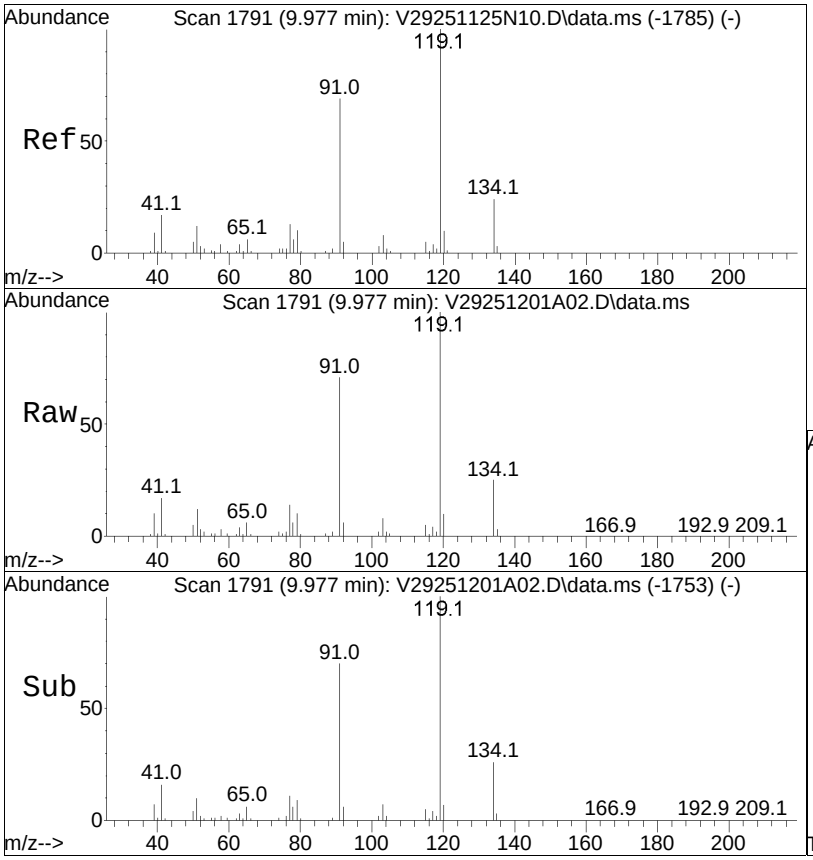


#93
4-Chlorotoluene
Concen: 36.66 ug/L
RT: 9.857 min Scan# 1768
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 91 Resp: 527677

Ion	Ratio	Lower	Upper
91	100		
126	33.2	24.6	36.8

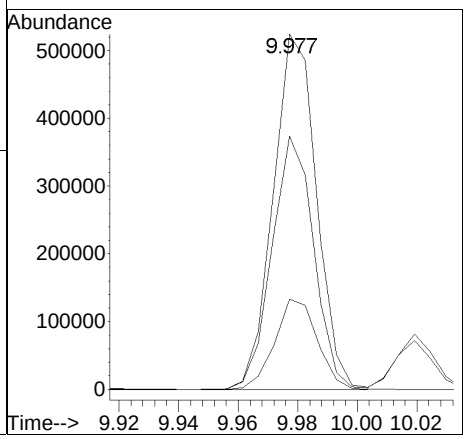


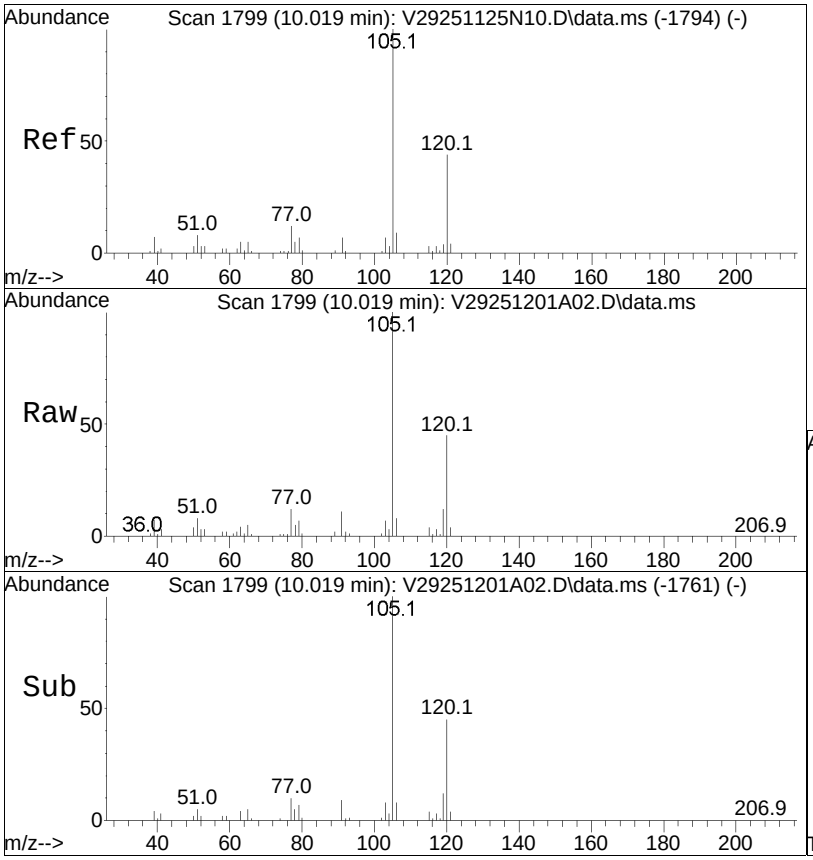


#94
tert-Butylbenzene
Concen: 37.99 ug/L
RT: 9.977 min Scan# 1791
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:119 Resp: 529428

Ion	Ratio	Lower	Upper
119	100		
91	68.9	51.4	77.2
134	25.0	18.3	27.5

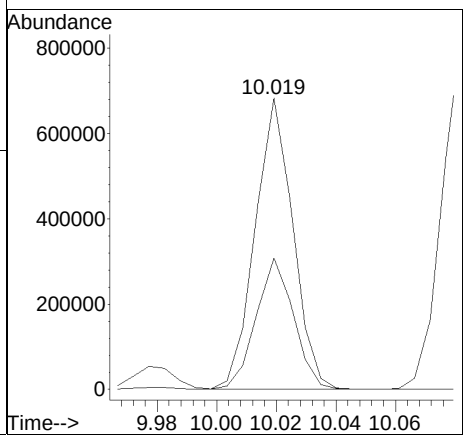


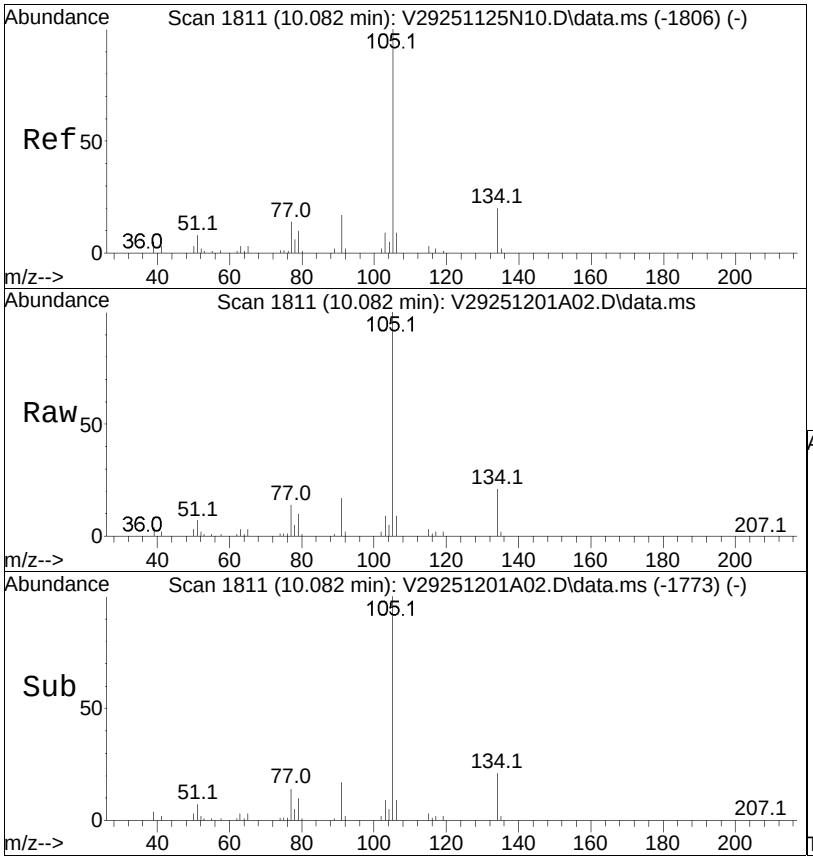


#97
1,2,4-Trimethylbenzene
Concen: 37.72 ug/L
RT: 10.019 min Scan# 1799
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:105 Resp: 601235

Ion	Ratio	Lower	Upper
105	100		
120	44.9	33.4	50.0

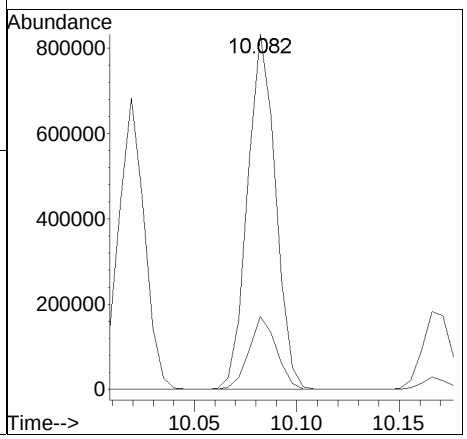


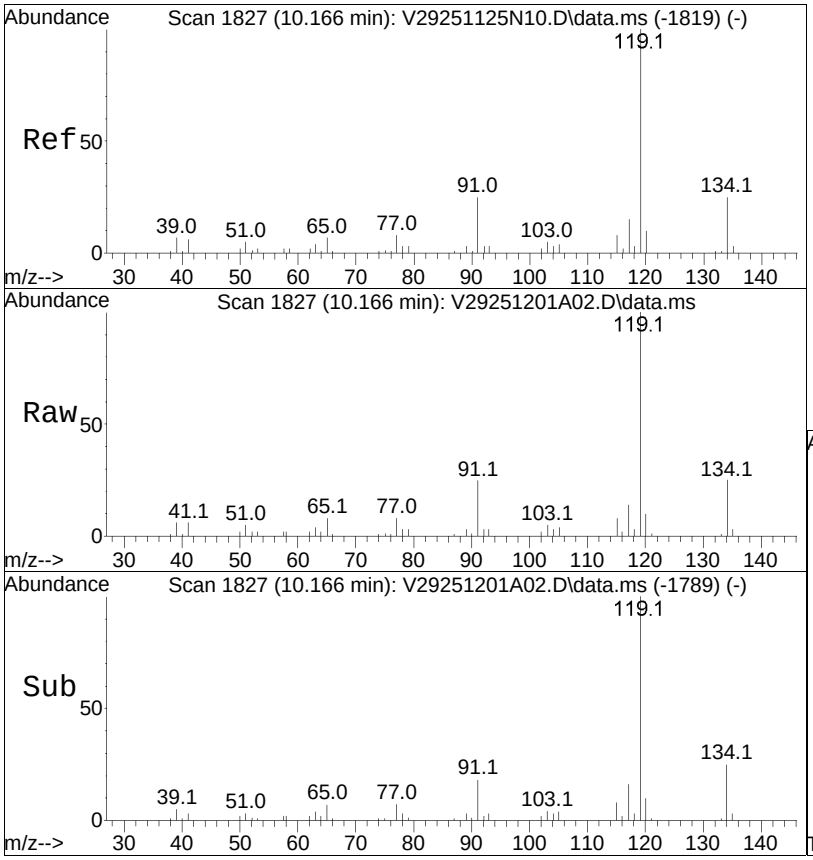


#98
sec-Butylbenzene
Concen: 38.71 ug/L
RT: 10.082 min Scan# 1811
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:105 Resp: 793607

Ion	Ratio	Lower	Upper
105	100		
134	20.1	12.5	26.1

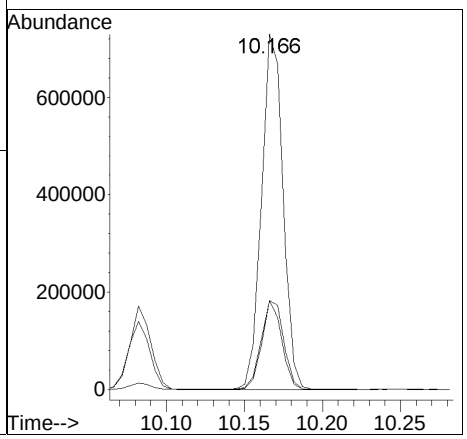


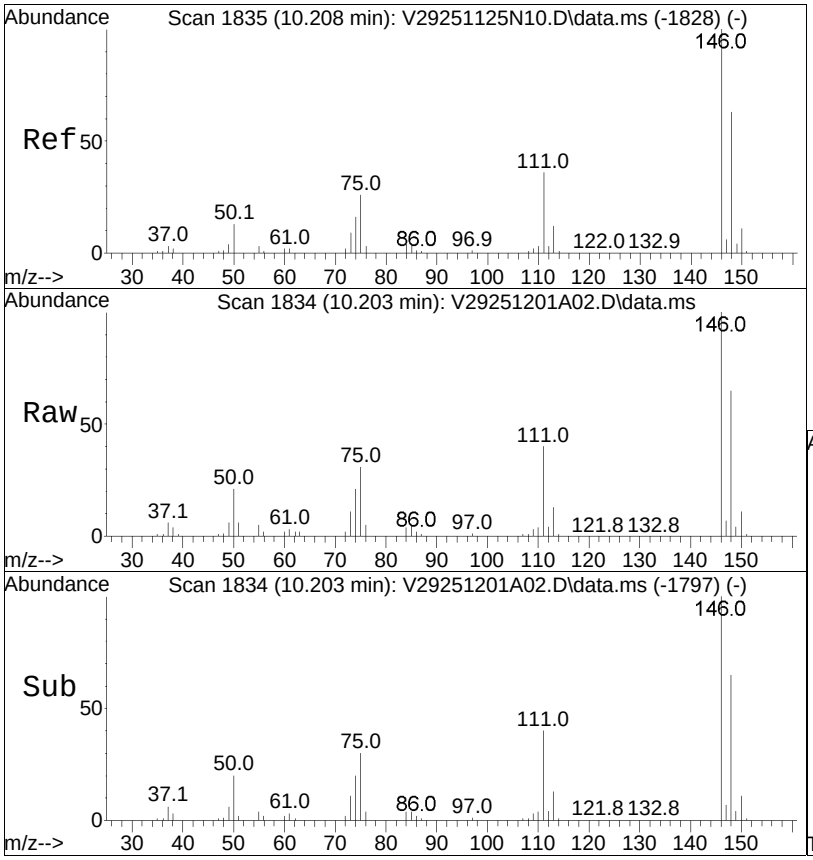


#99
p-Isopropyltoluene
Concen: 39.83 ug/L
RT: 10.166 min Scan# 1827
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:119 Resp: 698287

Ion	Ratio	Lower	Upper
119	100		
134	25.4	16.1	33.3
91	24.1	17.3	35.9

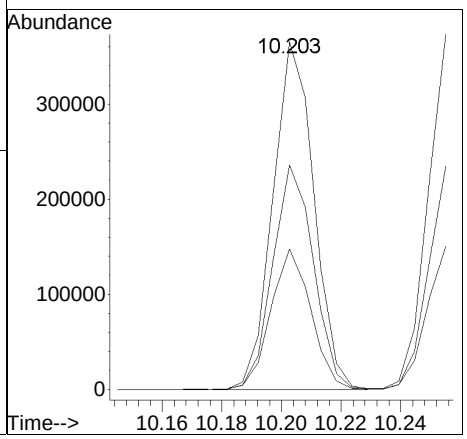


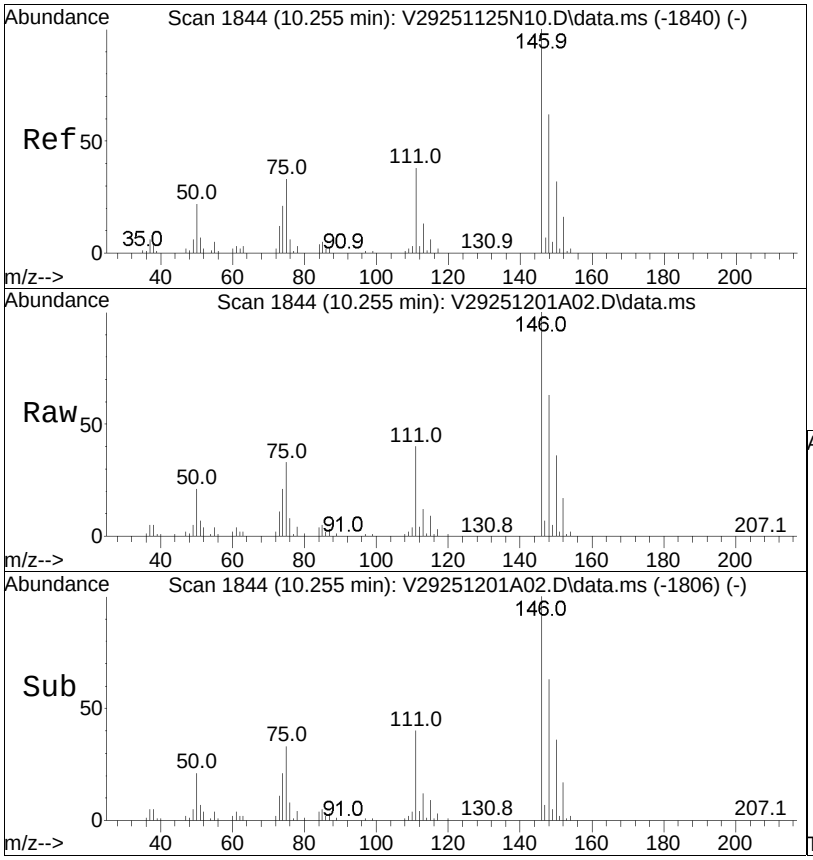


#100
1,3-Dichlorobenzene
Concen: 35.13 ug/L
RT: 10.203 min Scan# 1834
Delta R.T. -0.006 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:146 Resp: 349027

Ion	Ratio	Lower	Upper
146	100		
111	39.6	27.5	57.1
148	64.2	41.9	86.9

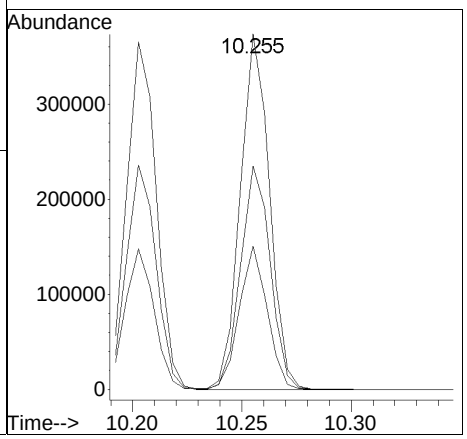


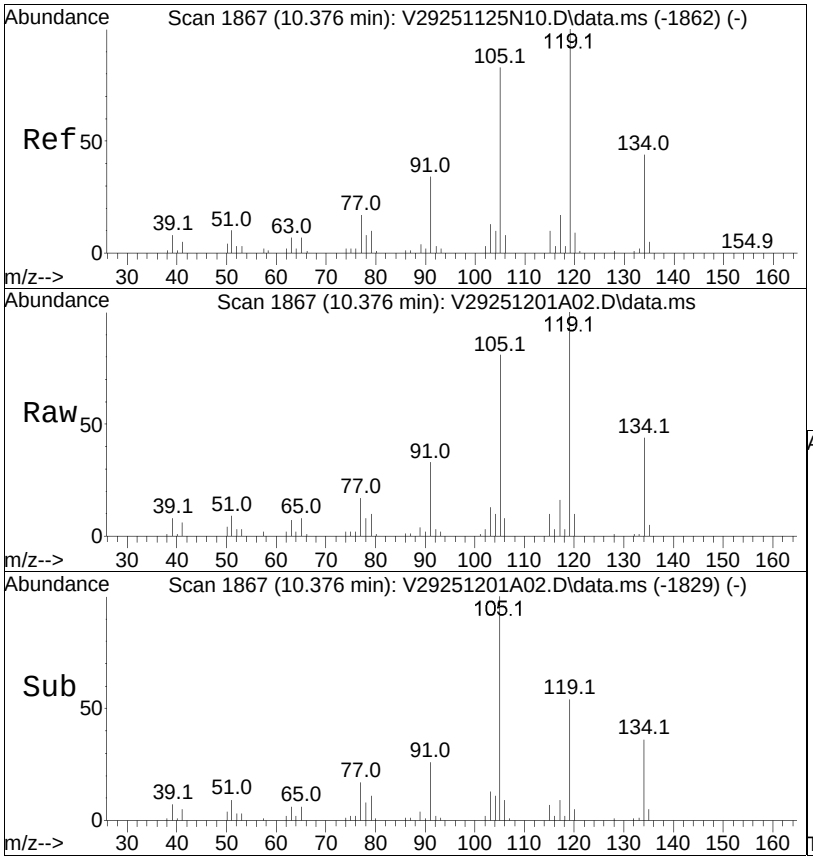


#101
1,4-Dichlorobenzene
Concen: 35.49 ug/L
RT: 10.255 min Scan# 1844
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:146 Resp: 346859

Ion	Ratio	Lower	Upper
146	100		
111	38.8	32.3	48.5
148	63.9	49.9	74.9

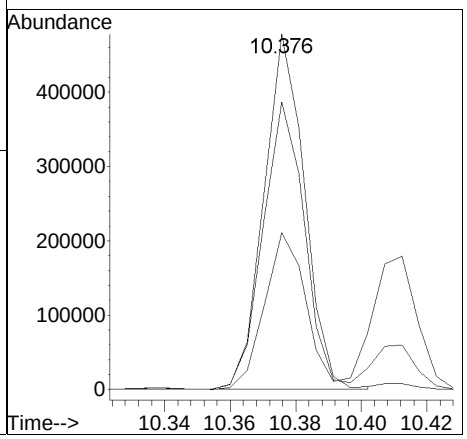


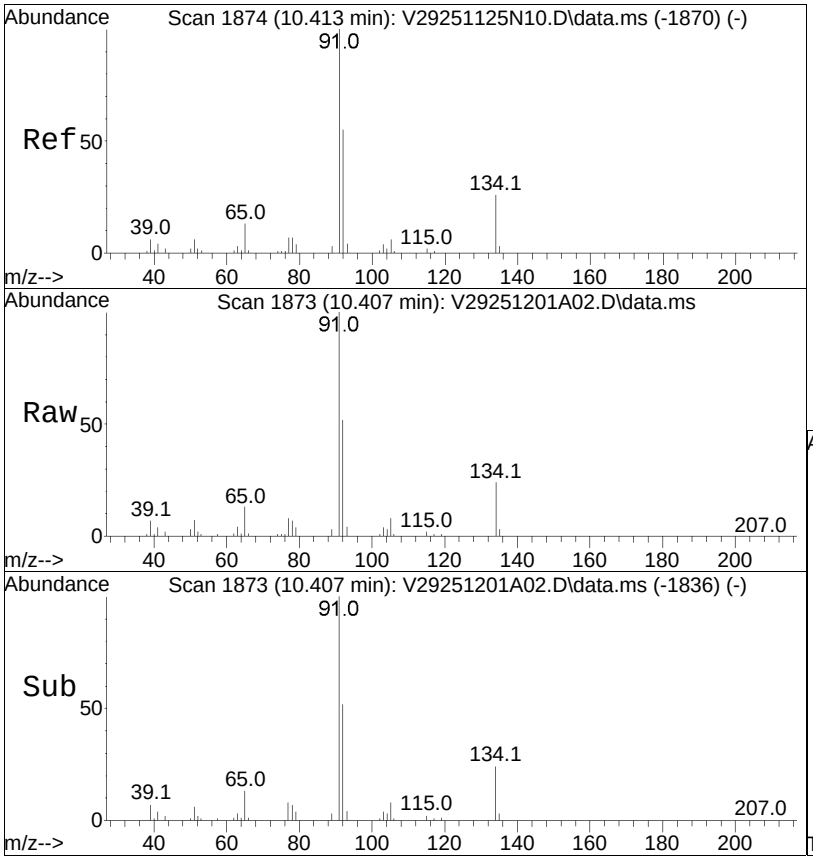


#102
p-Diethylbenzene
Concen: 39.76 ug/L
RT: 10.376 min Scan# 1867
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:119 Resp: 411061

Ion	Ratio	Lower	Upper
119	100		
105	82.9	59.5	123.7
134	44.6	30.2	62.6

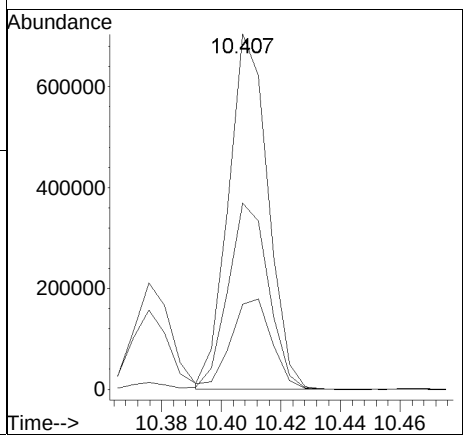


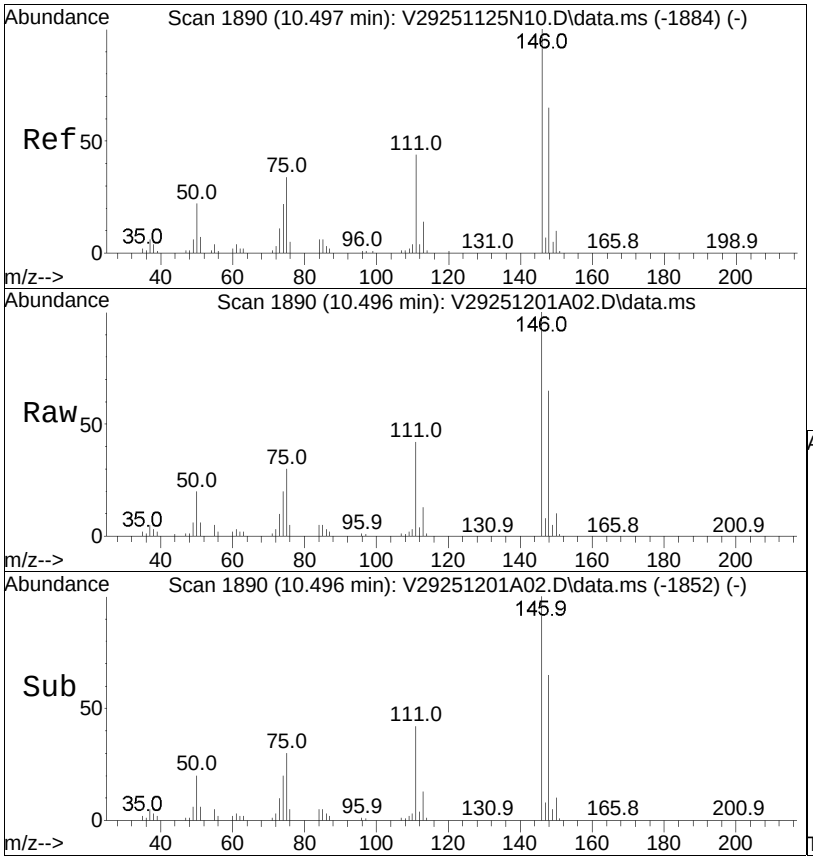


#103
n-Butylbenzene
Concen: 39.72 ug/L
RT: 10.407 min Scan# 1873
Delta R.T. -0.006 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion: 91 Resp: 651183

Ion	Ratio	Lower	Upper
91	100		
92	53.8	43.0	64.4
134	26.3	19.6	29.4

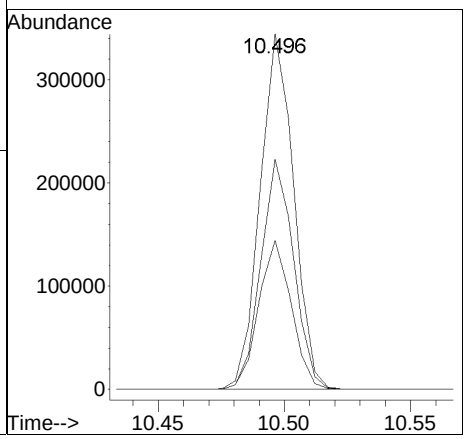


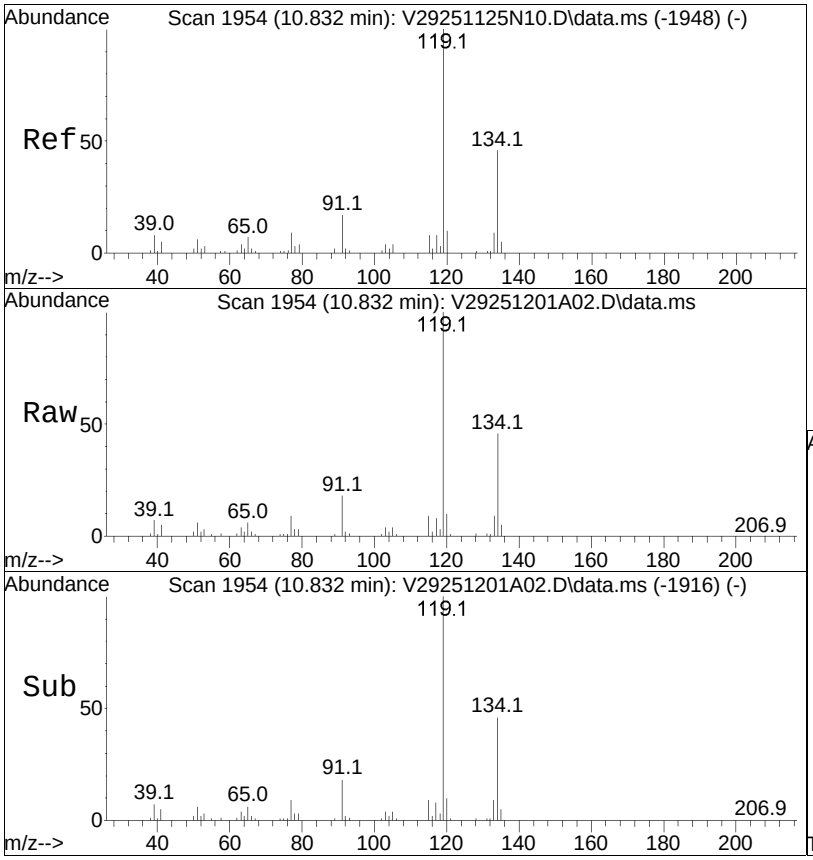


#104
1,2-Dichlorobenzene
Concen: 35.49 ug/L
RT: 10.496 min Scan# 1890
Delta R.T. -0.001 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:146 Resp: 319253

Ion	Ratio	Lower	Upper
146	100		
111	40.9	28.3	58.7
148	63.2	42.3	87.8

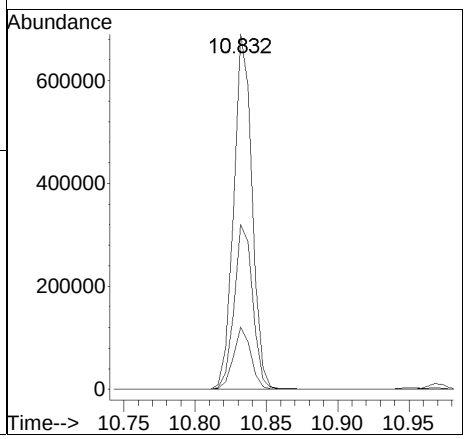


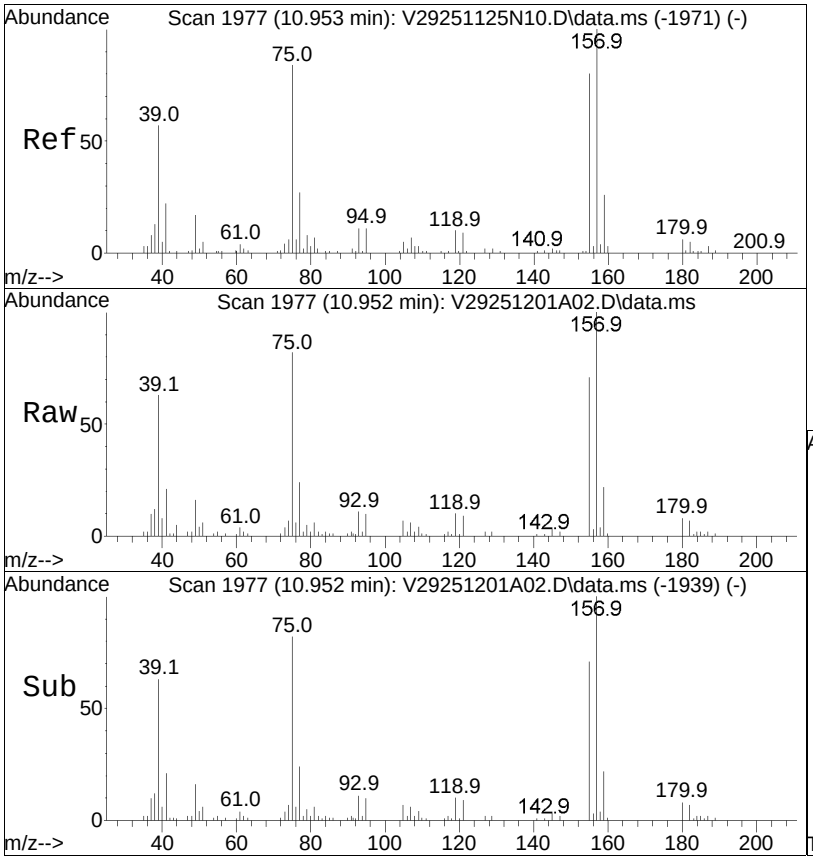


#105
1,2,4,5-Tetramethylbenzene
Concen: 37.53 ug/L
RT: 10.832 min Scan# 1954
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:119 Resp: 620019

Ion	Ratio	Lower	Upper
119	100		
134	47.0	30.5	63.3
91	16.8	12.4	25.7

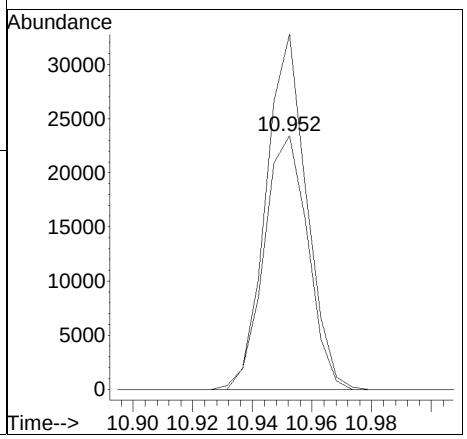


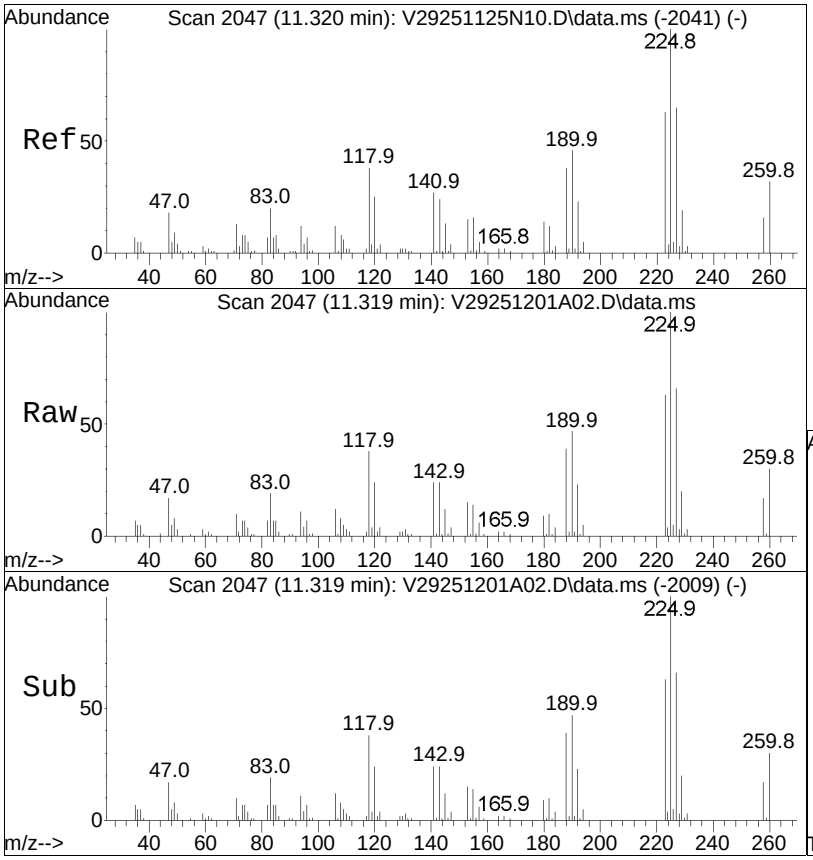


#106
1,2-Dibromo-3-chloropropane
Concen: 36.52 ug/L
RT: 10.952 min Scan# 1977
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:155 Resp: 23990

Ion	Ratio	Lower	Upper
155	100		
157	128.9	94.8	142.2

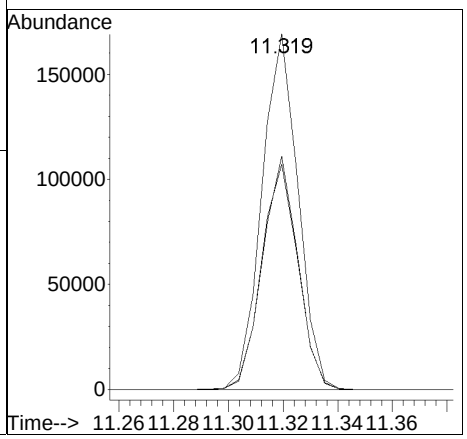


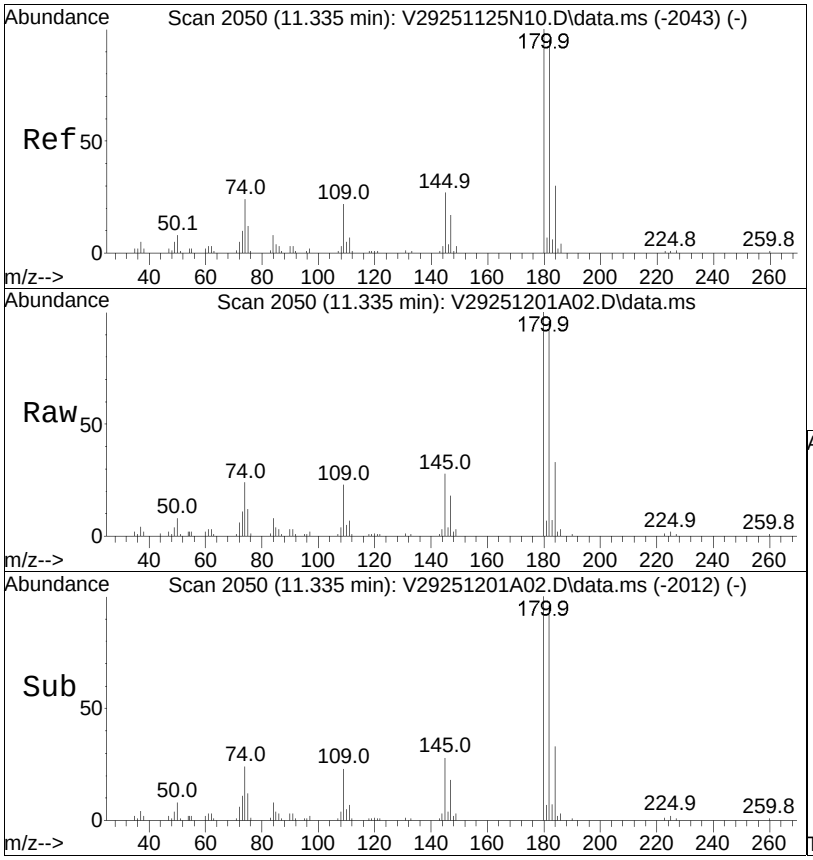


#108
Hexachlorobutadiene
Concen: 37.24 ug/L
RT: 11.319 min Scan# 2047
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:225 Resp: 155550

Ion	Ratio	Lower	Upper
225	100		
223	63.8	54.3	81.5
227	64.2	52.4	78.6

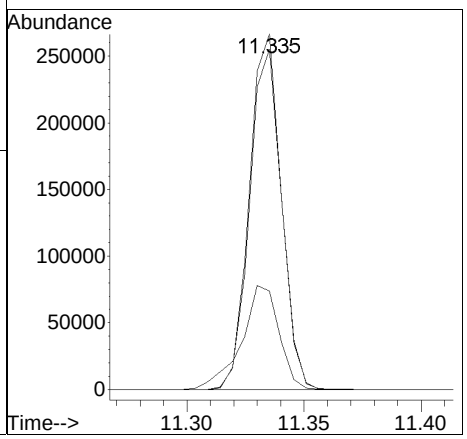


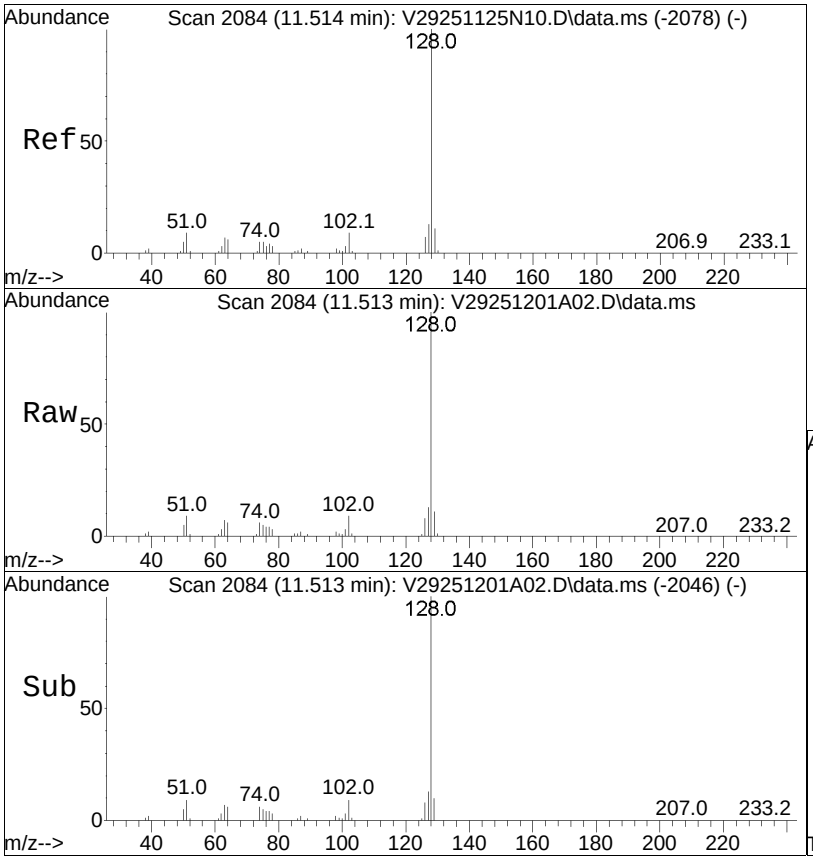


#109
1,2,4-Trichlorobenzene
Concen: 38.29 ug/L
RT: 11.335 min Scan# 2050
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:180 Resp: 252623

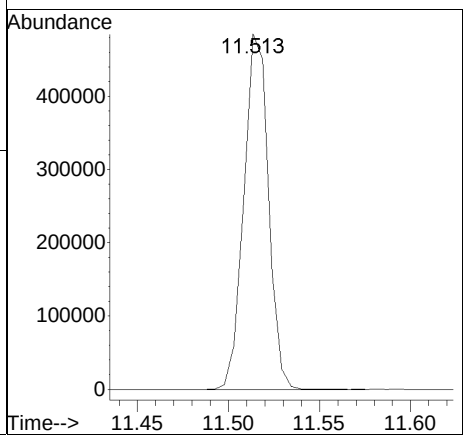
Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.3	115.9
145	34.4	28.1	42.1

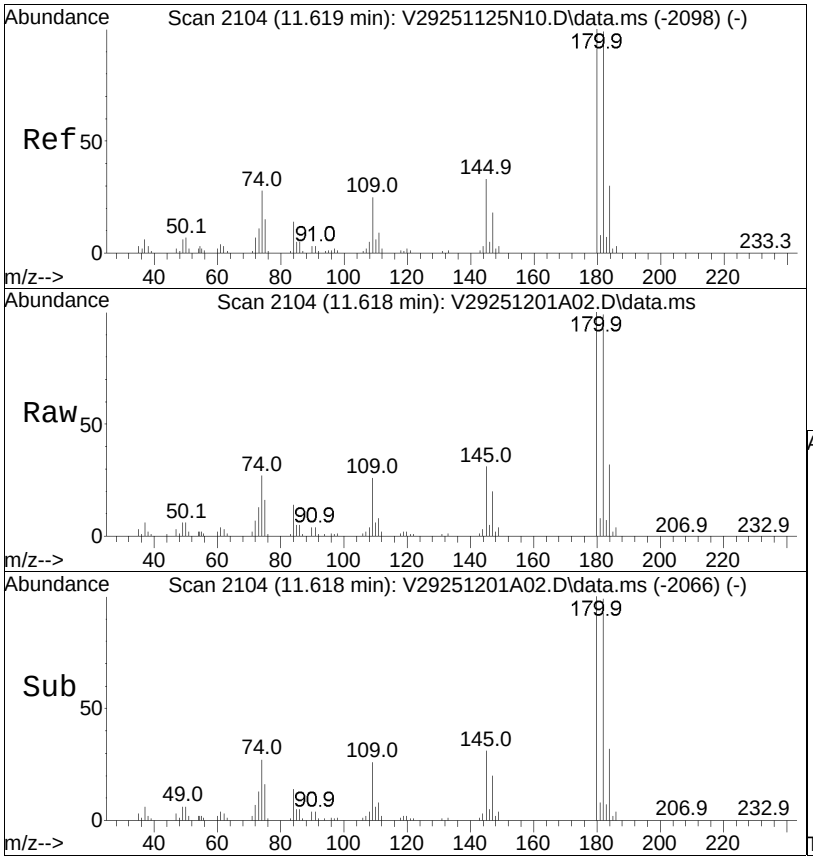




#110
Naphthalene
Concen: 39.22 ug/L
RT: 11.513 min Scan# 2084
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:128 Resp: 455582

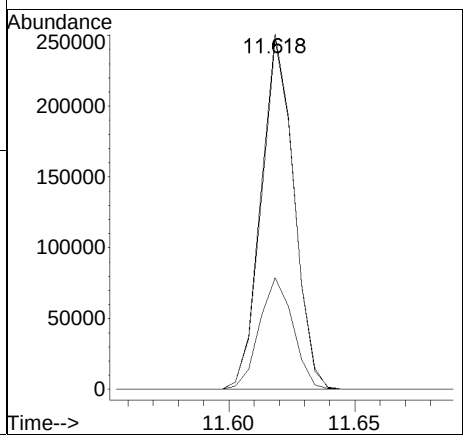




#111
1,2,3-Trichlorobenzene
Concen: 37.82 ug/L
RT: 11.618 min Scan# 2104
Delta R.T. -0.000 min
Lab File: V29251201A02.D
Acq: 01 Dec 2025 08:50 am

Tgt Ion:180 Resp: 227184

Ion	Ratio	Lower	Upper
180	100		
182	98.1	77.8	116.6
145	32.2	25.2	37.8



Manual Integration Report

Data Path	: K:\VOA129\2025\251201A\	QMethod	: V129_251125N_8260.m
Data File	: V29251201A02.D	Operator	: VOA129:AJK
Date Inj'd	: 12/1/2025 8:50 am	Instrument	: VOA 129
Sample	: WG2148464-3,31h,15,15,0.1	Quant Date	: 12/1/2025 9:09 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A02.D
Acq On : 27 Nov 2025 4:37 am
Operator : GONZO:PID
Sample : WG2147438-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 27 05:09:34 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251127A\VG251127A01.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.949	96	405036	10.000	ug/L	0.00
Standard Area 1 = 438629			Recovery = 92.34%			
59) Chlorobenzene-d5	9.477	117	322258	10.000	ug/L	0.00
Standard Area 1 = 346963			Recovery = 92.88%			
79) 1,4-Dichlorobenzene-d4	12.191	152	201883	10.000	ug/L	0.00
Standard Area 1 = 218089			Recovery = 92.57%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.150	113	104428	9.768	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.68%			
43) 1,2-Dichloroethane-d4	5.667	65	118920	10.314	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.14%			
60) Toluene-d8	7.636	98	398608	9.618	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.18%			
83) 4-Bromofluorobenzene	10.981	95	149224	9.450	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.614	85	111118	10.917	ug/L	99
3) Chloromethane	1.813	50	146458	10.259	ug/L	99
4) Vinyl chloride	1.877	62	121910	9.948	ug/L	99
5) Bromomethane	2.176	94	36460	4.163	ug/L	100
6) Chloroethane	2.275	64	58459	7.505	ug/L	99
7) Trichlorofluoromethane	2.425	101	128388	9.033	ug/L	93
8) Ethyl ether	2.724	74	41657	8.828	ug/L #	80
10) 1,1-Dichloroethene	2.916	96	80879	9.135	ug/L	98
11) Carbon disulfide	2.944	76	275609	9.429	ug/L	98
15) Methylene chloride	3.464	84	97232	9.180	ug/L	87
17) Acetone	3.513	43	19866	9.971	ug/L	99
18) trans-1,2-Dichloroethene	3.613	96	91699	9.073	ug/L	95
20) Methyl tert-butyl ether	3.698	73	204741	9.043	ug/L	94
23) 1,1-Dichloroethane	4.189	63	196399	9.629	ug/L	99
25) Acrylonitrile	4.246	53	25032	10.064	ug/L	98
27) Vinyl acetate	4.424	43	232460	10.846	ug/L	97
28) cis-1,2-Dichloroethene	4.709	96	106458	9.517	ug/L	93
29) 2,2-Dichloropropane	4.801	77	135995	9.726	ug/L	84
30) Bromochloromethane	4.901	128	50669	10.314	ug/L	89
32) Chloroform	4.972	83	174479	9.450	ug/L	97

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A02.D
Acq On : 27 Nov 2025 4:37 am
Operator : GONZO:PID
Sample : WG2147438-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 27 05:09:34 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251127A\VG251127A01.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	5.100	117	131736	9.119	ug/L		96
37) 1,1,1-Trichloroethane	5.164	97	149868	9.495	ug/L		99
39) 2-Butanone	5.263	43	33779	10.911	ug/L		89
40) 1,1-Dichloropropene	5.285	75	124705	9.847	ug/L		99
41) Benzene	5.526	78	394488	9.865	ug/L		98
44) 1,2-Dichloroethane	5.738	62	127755	9.847	ug/L		98
48) Trichloroethene	6.126	95	103858	9.168	ug/L		98
50) Dibromomethane	6.570	93	52023	9.753	ug/L		97
51) 1,2-Dichloropropane	6.669	63	106639	9.303	ug/L		95
54) Bromodichloromethane	6.747	83	130621	9.359	ug/L		97
57) 1,4-Dioxane	6.951	88	27401	460.714	ug/L		97
58) cis-1,3-Dichloropropene	7.431	75	139794	9.170	ug/L		90
61) Toluene	7.692	92	255765	9.494	ug/L		97
62) 4-Methyl-2-pentanone	8.130	58	21333	8.686	ug/L		80
63) Tetrachloroethene	8.137	166	117292	9.475	ug/L		99
65) trans-1,3-Dichloropropene	8.179	75	118905	9.384	ug/L		88
68) 1,1,2-Trichloroethane	8.370	83	61111	9.321	ug/L		99
69) Chlorodibromomethane	8.574	129	93373	8.834	ug/L		97
70) 1,3-Dichloropropane	8.687	76	124611	9.508	ug/L		98
71) 1,2-Dibromoethane	8.849	107	69138	9.020	ug/L	#	100
72) 2-Hexanone	9.139	43	42252	9.470	ug/L		94
73) Chlorobenzene	9.499	112	303084	9.617	ug/L		98
74) Ethylbenzene	9.534	91	489105	9.449	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.576	131	104111	9.075	ug/L		99
76) p/m Xylene	9.717	106	395167	19.315	ug/L		98
77) o Xylene	10.261	106	382022	19.043	ug/L		100
78) Styrene	10.331	104	640001	19.590	ug/L		97
80) Bromoform	10.359	173	59431	8.791	ug/L		99
82) Isopropylbenzene	10.649	105	499741	9.566	ug/L		100
84) Bromobenzene	11.087	156	132683	9.358	ug/L		99
85) n-Propylbenzene	11.130	91	594153	9.447	ug/L		100
87) 1,1,2,2-Tetrachloroethane	11.229	83	91241	9.615	ug/L		99
88) 4-Ethyltoluene	11.257	105	502176	9.573	ug/L		99
89) 2-Chlorotoluene	11.300	91	362776M6	9.324	ug/L		
90) 1,3,5-Trimethylbenzene	11.356	105	432144	9.408	ug/L		99
91) 1,2,3-Trichloropropane	11.363	75	72103M4	9.143	ug/L		
92) trans-1,4-Dichloro-2-b...	11.420	53	20286	7.256	ug/L		89
93) 4-Chlorotoluene	11.483	91	367934	9.241	ug/L		100
94) tert-Butylbenzene	11.696	119	371131	9.425	ug/L		98

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A02.D
Acq On : 27 Nov 2025 4:37 am
Operator : GONZO:PID
Sample : WG2147438-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 27 05:09:34 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2025\251127A\VG251127A01.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.781	105	405620	9.497	ug/L	99
98) sec-Butylbenzene	11.887	105	544472	9.645	ug/L	98
99) p-Isopropyltoluene	12.042	119	464026	8.751	ug/L	98
100) 1,3-Dichlorobenzene	12.113	146	265285	9.449	ug/L	100
101) 1,4-Dichlorobenzene	12.205	146	267151	9.458	ug/L	98
102) p-Diethylbenzene	12.417	119	255547	8.644	ug/L	99
103) n-Butylbenzene	12.474	91	381847	8.895	ug/L	99
104) 1,2-Dichlorobenzene	12.629	146	236259	9.471	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.216	119	236184	7.565	ug/L	97
106) 1,2-Dibromo-3-chloropr...	13.415	155	12574	8.871	ug/L	98
108) Hexachlorobutadiene	14.009	225	63000	9.872	ug/L	98
109) 1,2,4-Trichlorobenzene	14.044	180	95975	9.107	ug/L	99
110) Naphthalene	14.334	128	113938	8.507	ug/L	100
111) 1,2,3-Trichlorobenzene	14.504	180	65551	8.961	ug/L	98

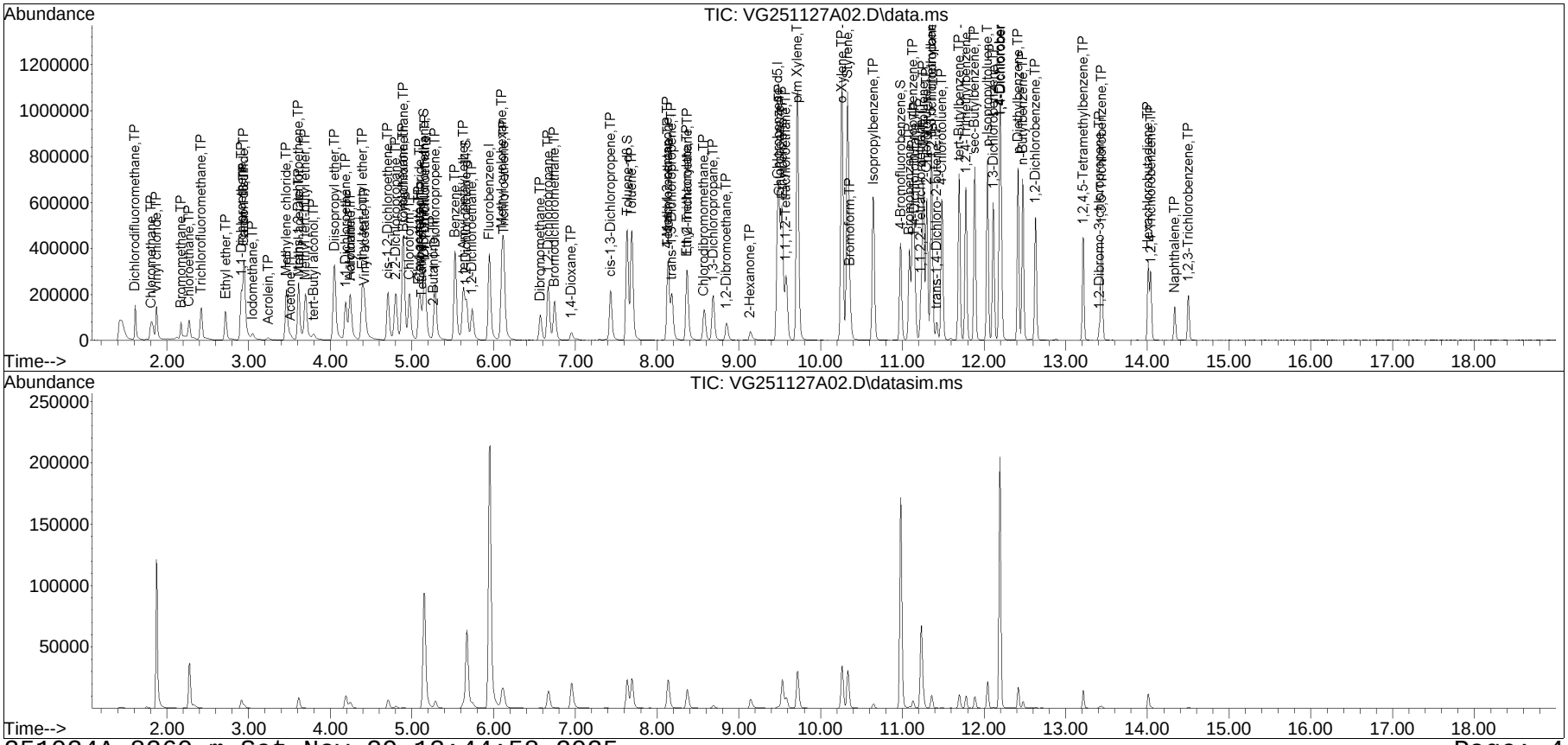
(#) = qualifier out of range (m) = manual integration (+) = signals summed

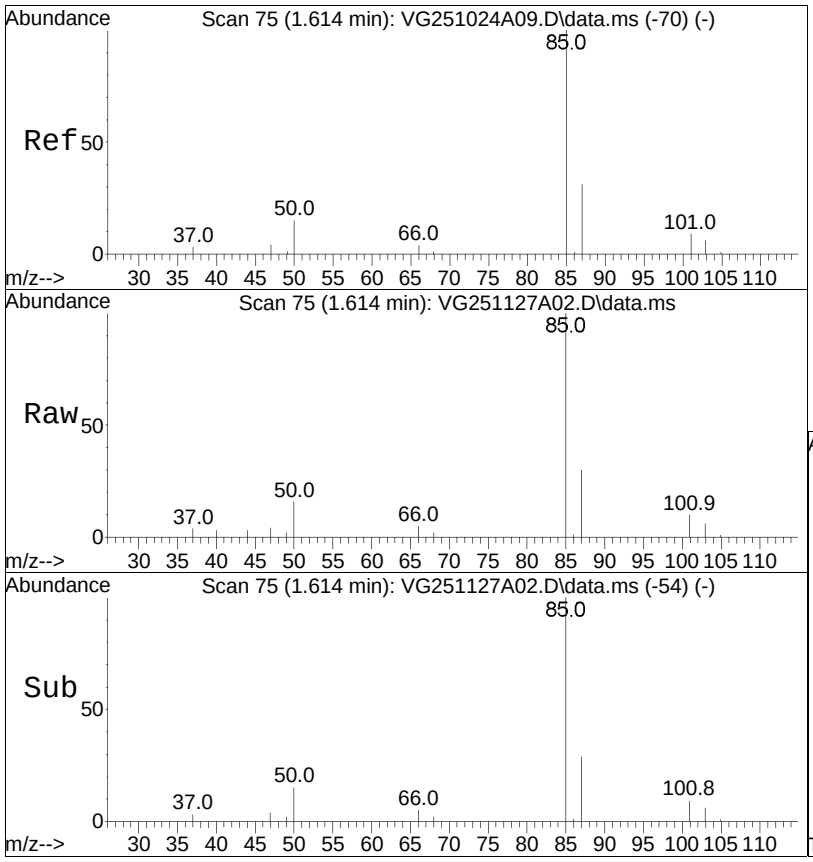
Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A02.D
Acq On : 27 Nov 2025 4:37 am
Operator : GONZO:PID
Sample : WG2147438-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2147438,ICAL22763 (Sig #1); WG,ICAL22763 (Sig #2)
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 27 05:09:34 2025
Quant Method : K:\Gonzo\2025\251127A\G_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Oct 26 12:35:39 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE.D•

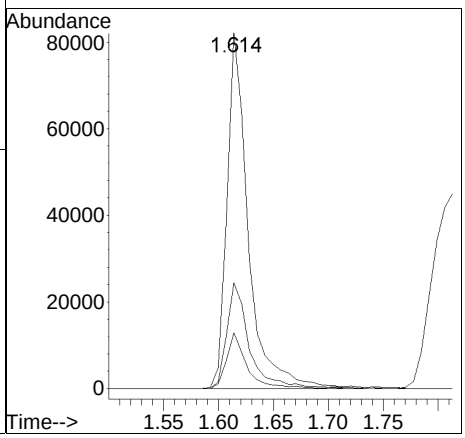


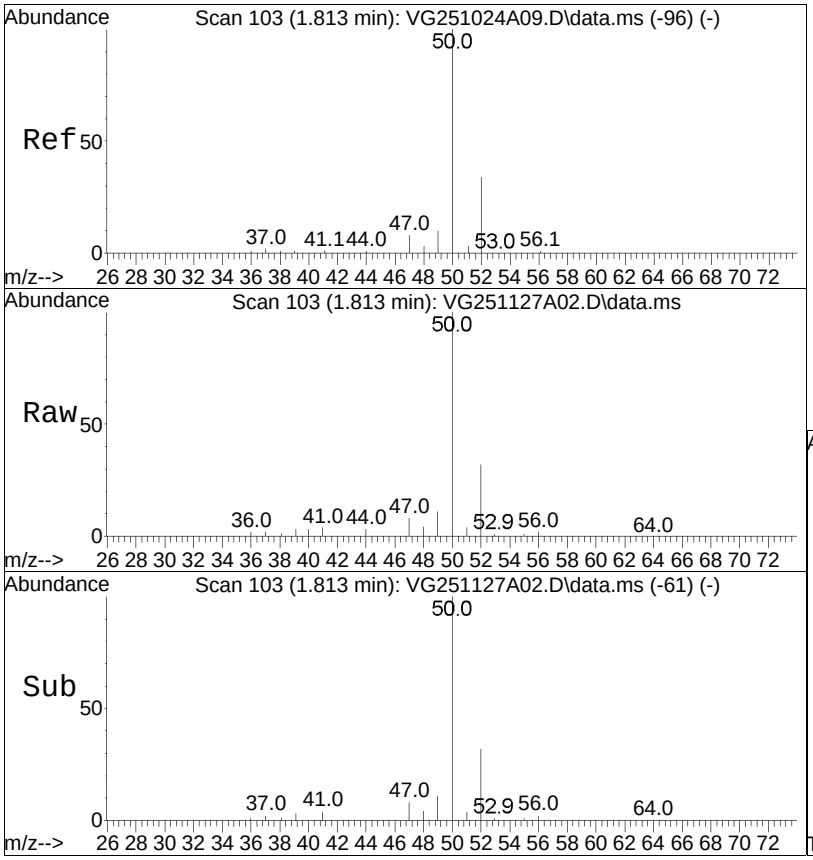


#2
Dichlorodifluoromethane
Concen: 10.92 ug/L
RT: 1.614 min Scan# 75
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 85 Resp: 111118

Ion	Ratio	Lower	Upper
85	100		
87	31.3	20.2	41.9
50	14.7	9.1	18.9

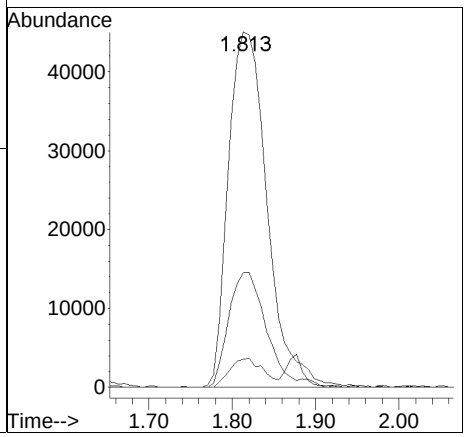


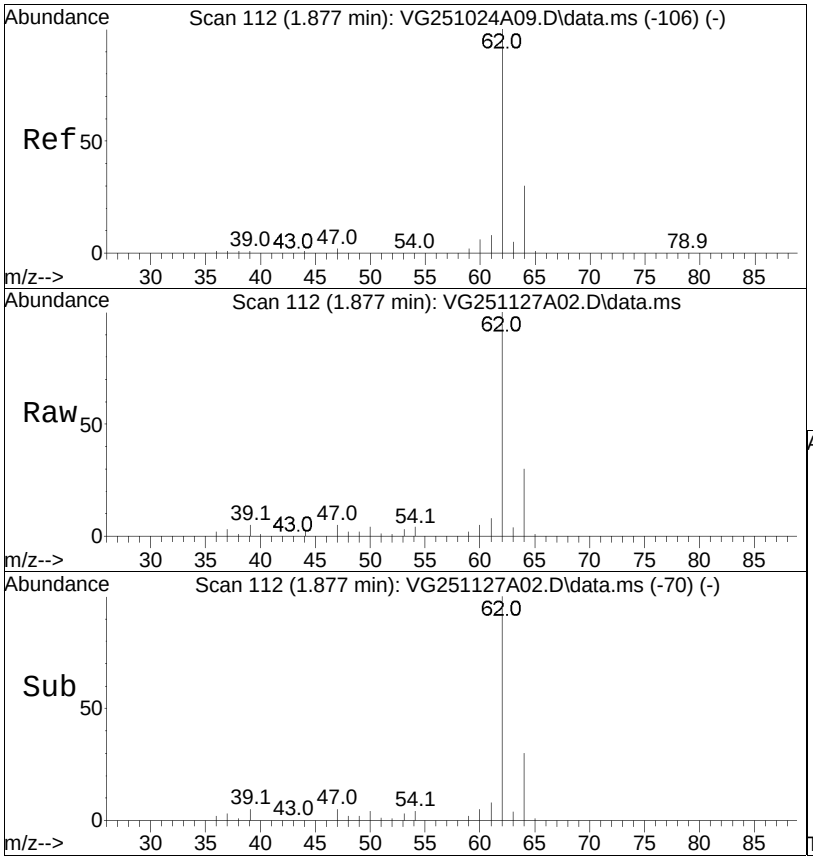


#3
Chloromethane
Concen: 10.26 ug/L
RT: 1.813 min Scan# 103
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 50 Resp: 146458

Ion	Ratio	Lower	Upper
50	100		
52	31.7	12.3	52.3
47	7.2	0.0	27.5

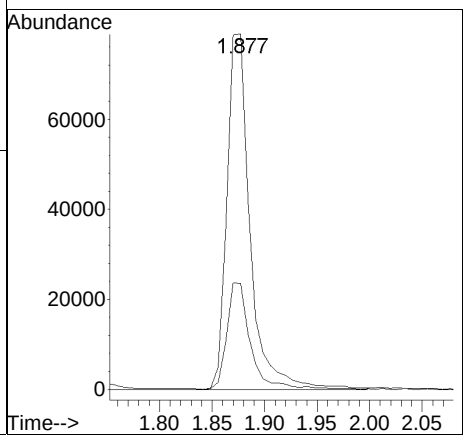


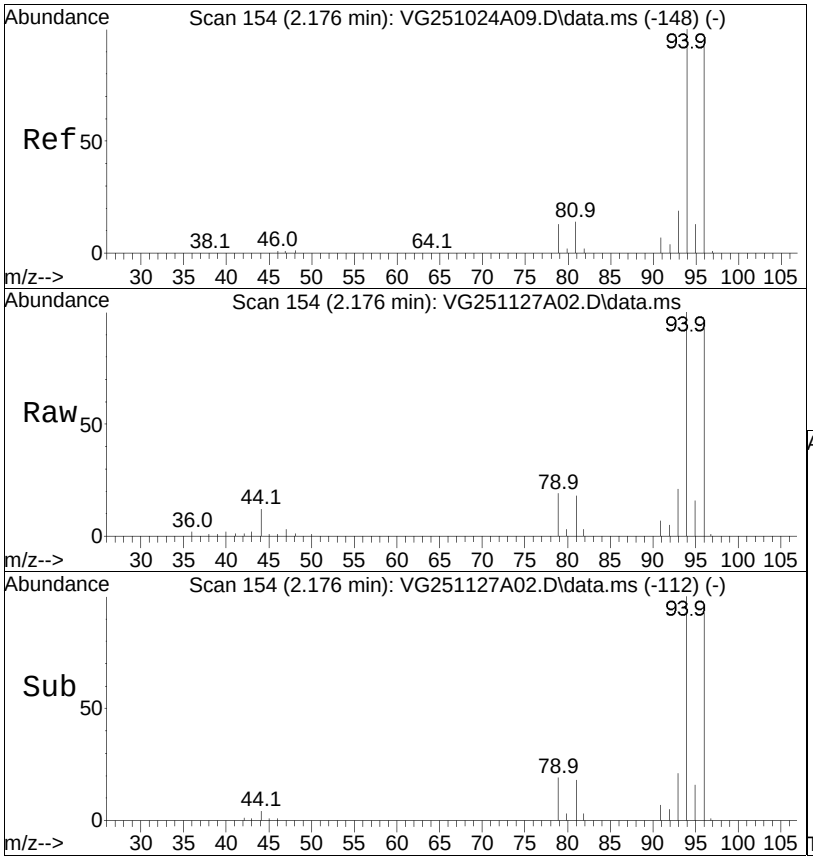


#4
Vinyl chloride
Concen: 9.95 ug/L
RT: 1.877 min Scan# 112
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 62 Resp: 121910

Ion	Ratio	Lower	Upper
62	100		
64	30.5	11.1	51.1

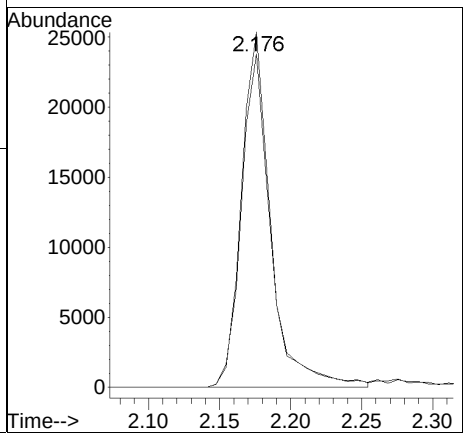


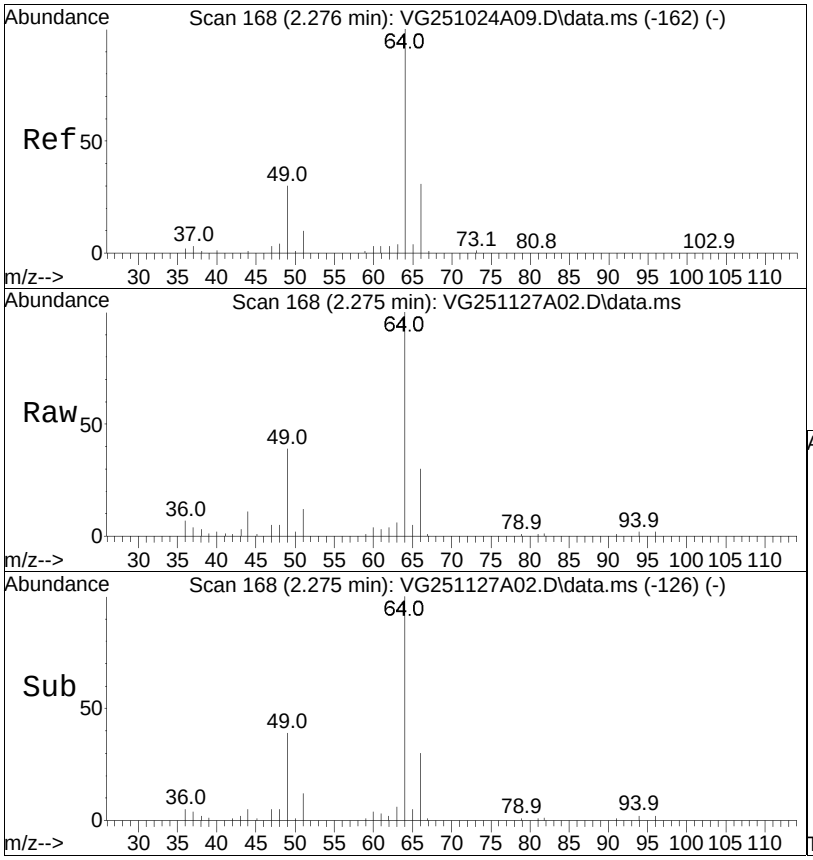


#5
Bromomethane
Concen: 4.16 ug/L
RT: 2.176 min Scan# 154
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 94 Resp: 36460

Ion	Ratio	Lower	Upper
94	100		
96	95.1	74.7	114.7

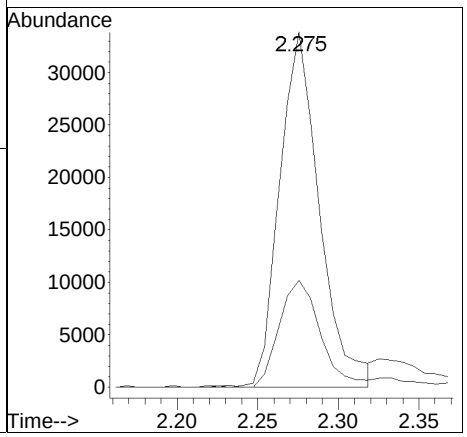


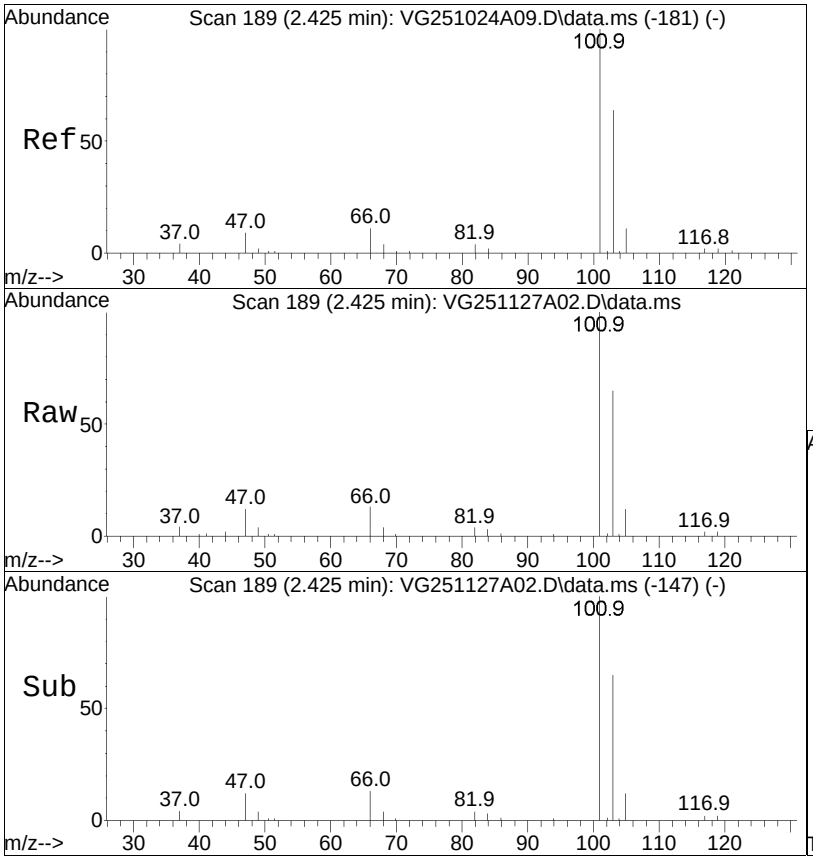


#6
Chloroethane
Concen: 7.51 ug/L
RT: 2.275 min Scan# 168
Delta R.T. -0.001 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 64 Resp: 58459

Ion	Ratio	Lower	Upper
64	100		
66	31.2	10.6	50.6

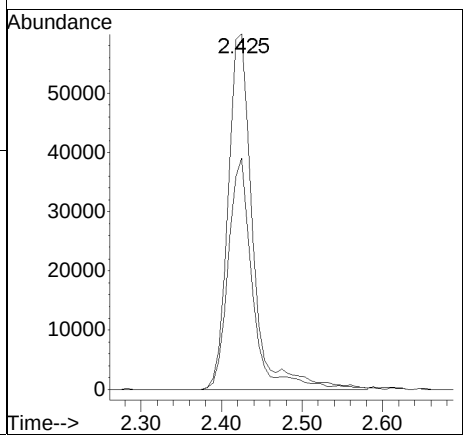


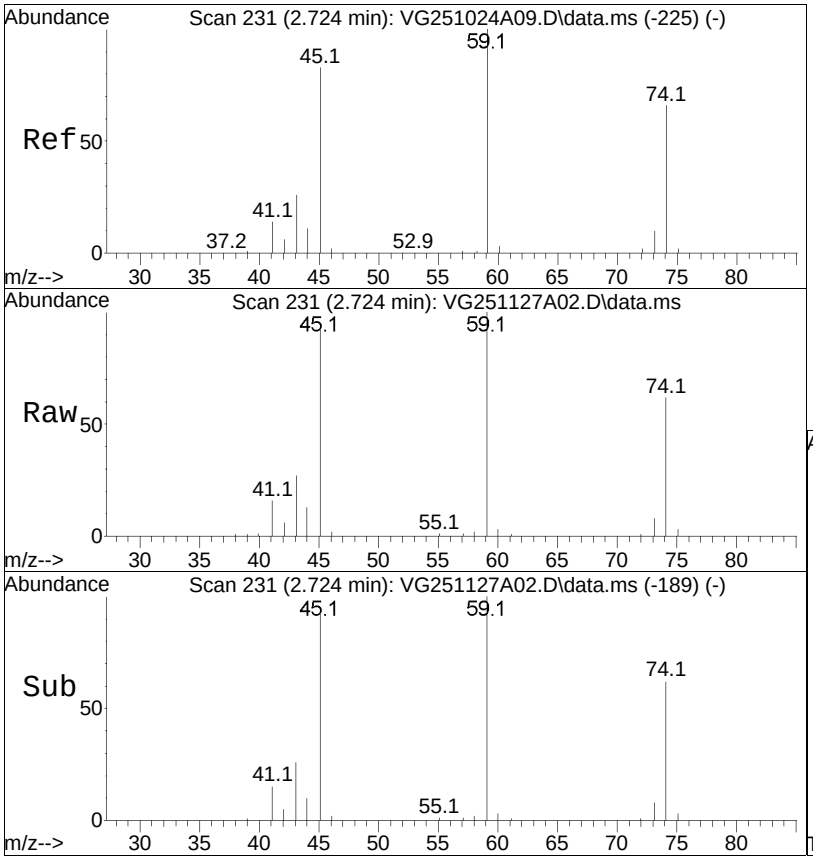


#7
Trichlorofluoromethane
Concen: 9.03 ug/L
RT: 2.425 min Scan# 189
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:101 Resp: 128388

Ion	Ratio	Lower	Upper
101	100		
103	59.5	51.8	77.8

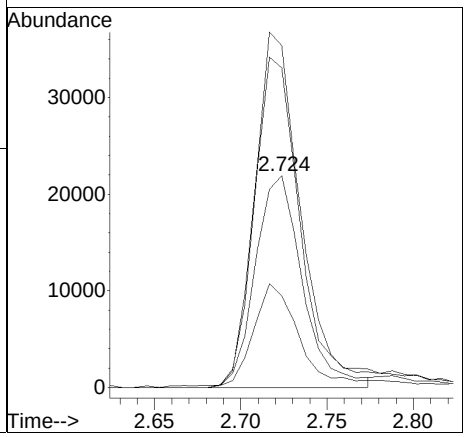


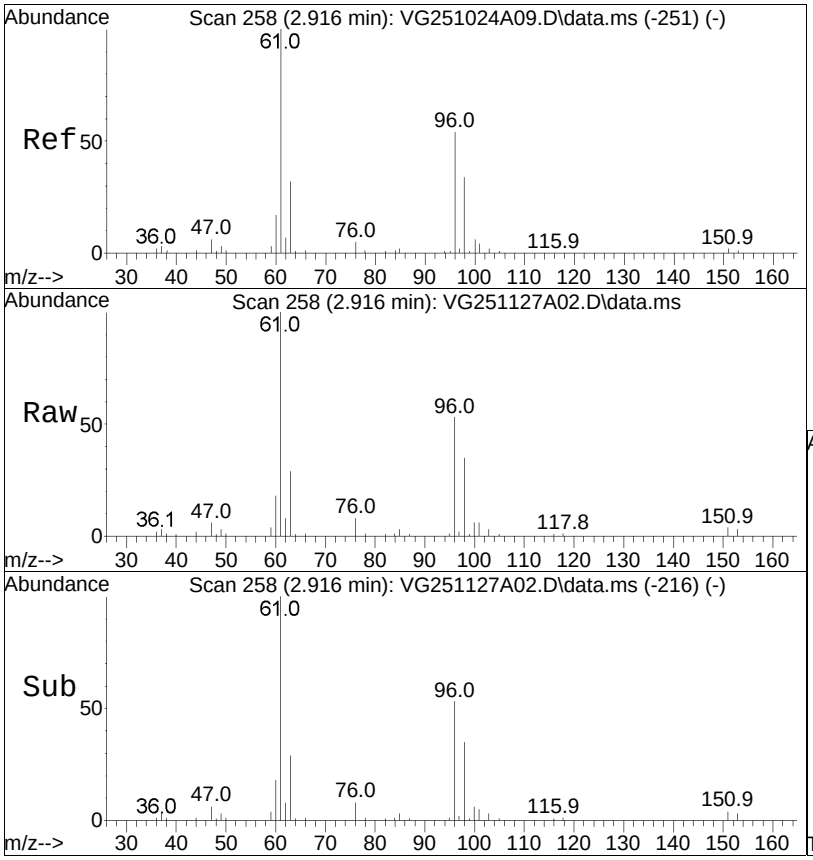


#8
Ethyl ether
Concen: 8.83 ug/L
RT: 2.724 min Scan# 231
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 74 Resp: 41657

Ion	Ratio	Lower	Upper
74	100		
59	174.6	102.4	212.6
45	161.9	84.1	174.7
43	53.3	25.4	52.7#

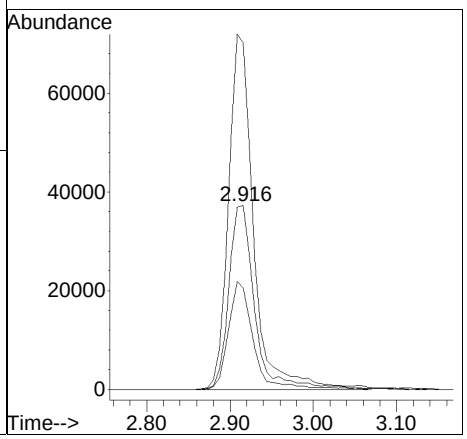


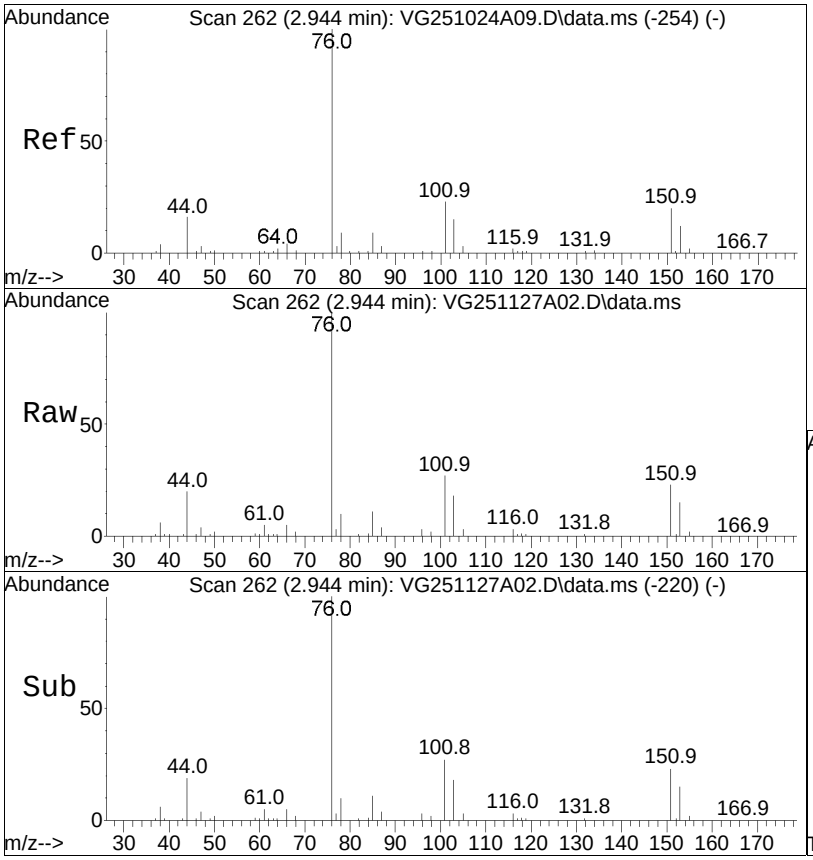


#10
1,1-Dichloroethene
Concen: 9.13 ug/L
RT: 2.916 min Scan# 258
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 96 Resp: 80879

Ion	Ratio	Lower	Upper
96	100		
61	185.2	146.3	219.5
63	56.2	45.8	68.6

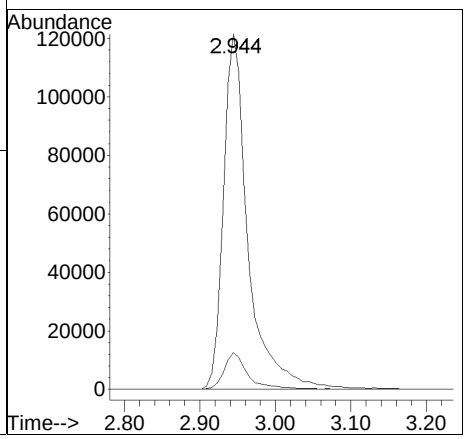


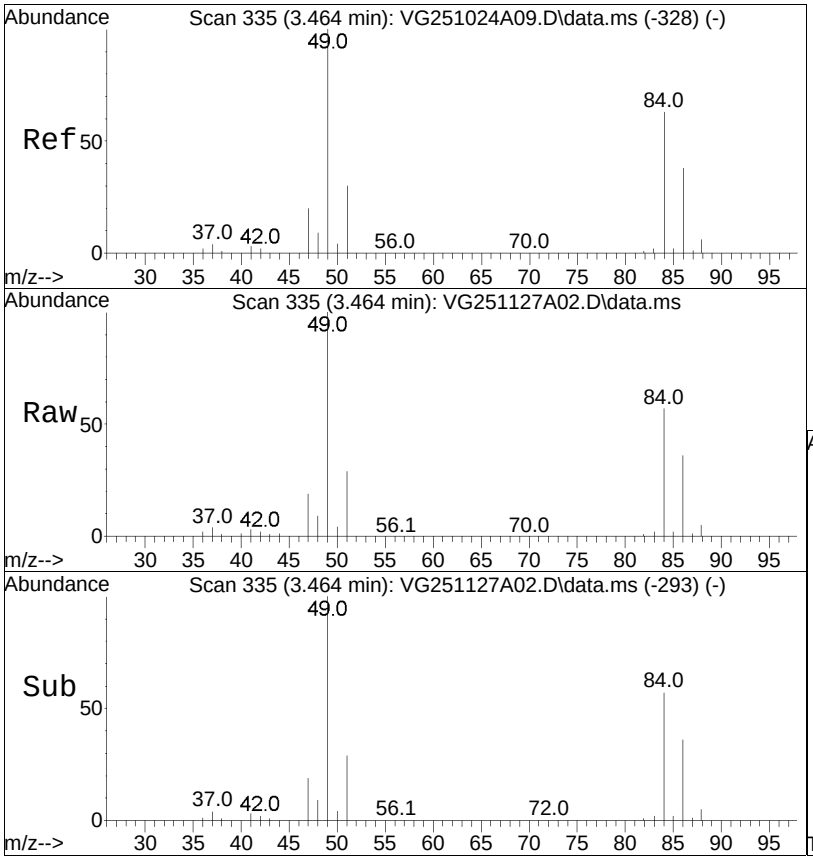


#11
Carbon disulfide
Concen: 9.43 ug/L
RT: 2.944 min Scan# 262
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 76 Resp: 275609

Ion	Ratio	Lower	Upper
76	100		
78	10.2	6.1	12.7

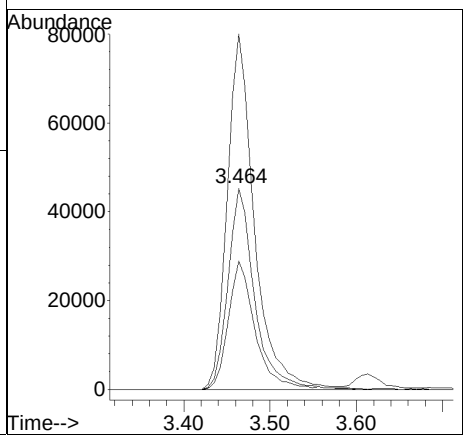


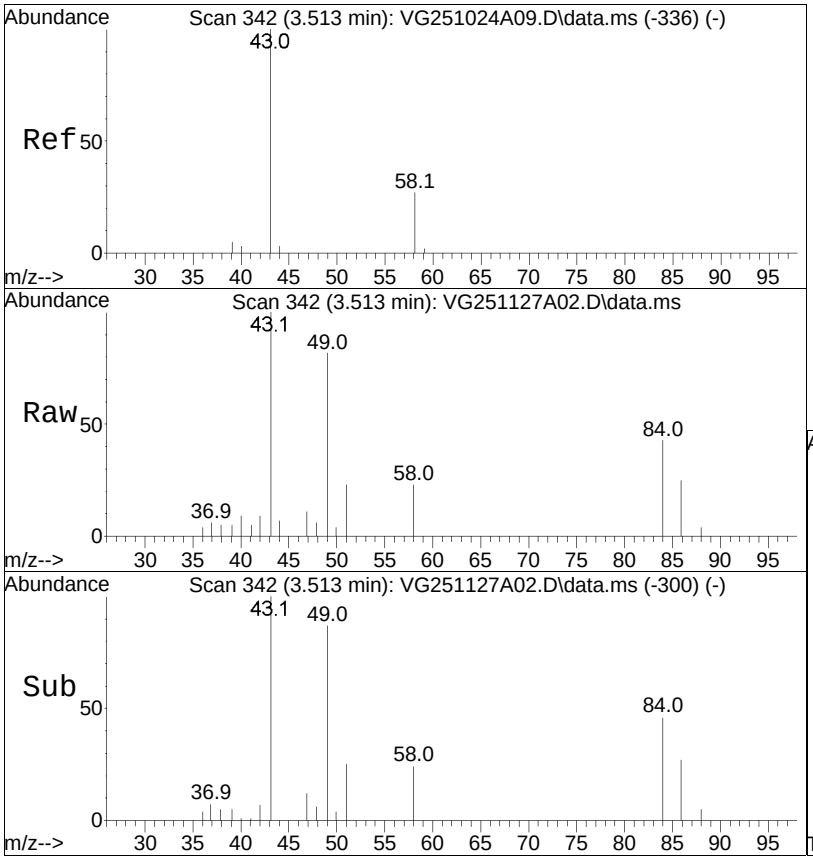


#15
Methylene chloride
Concen: 9.18 ug/L
RT: 3.464 min Scan# 335
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 84 Resp: 97232

Ion	Ratio	Lower	Upper
84	100		
86	64.6	40.3	83.7
49	179.7	102.6	213.0

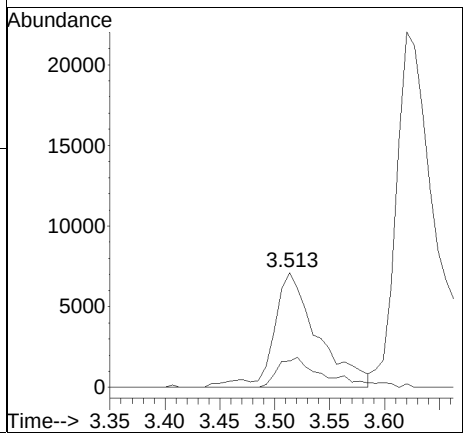


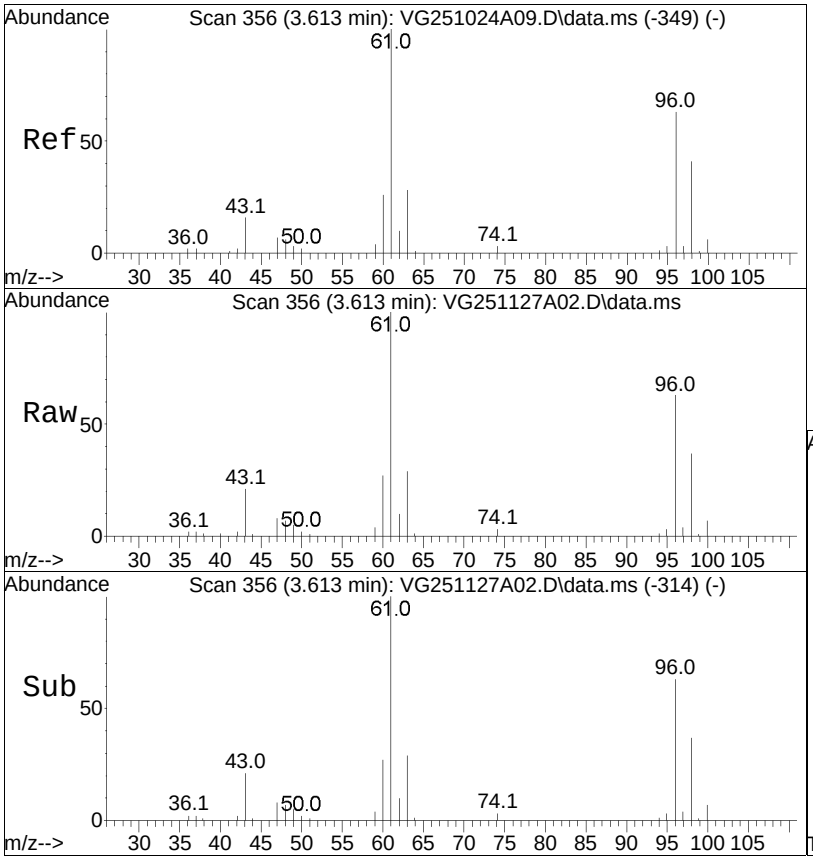


#17
Acetone
Concen: 9.97 ug/L
RT: 3.513 min Scan# 342
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 43 Resp: 19866

Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.4	33.6

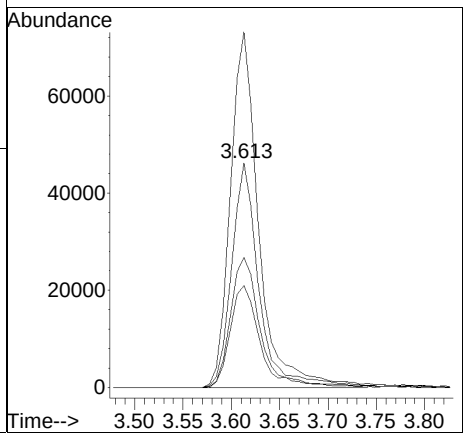


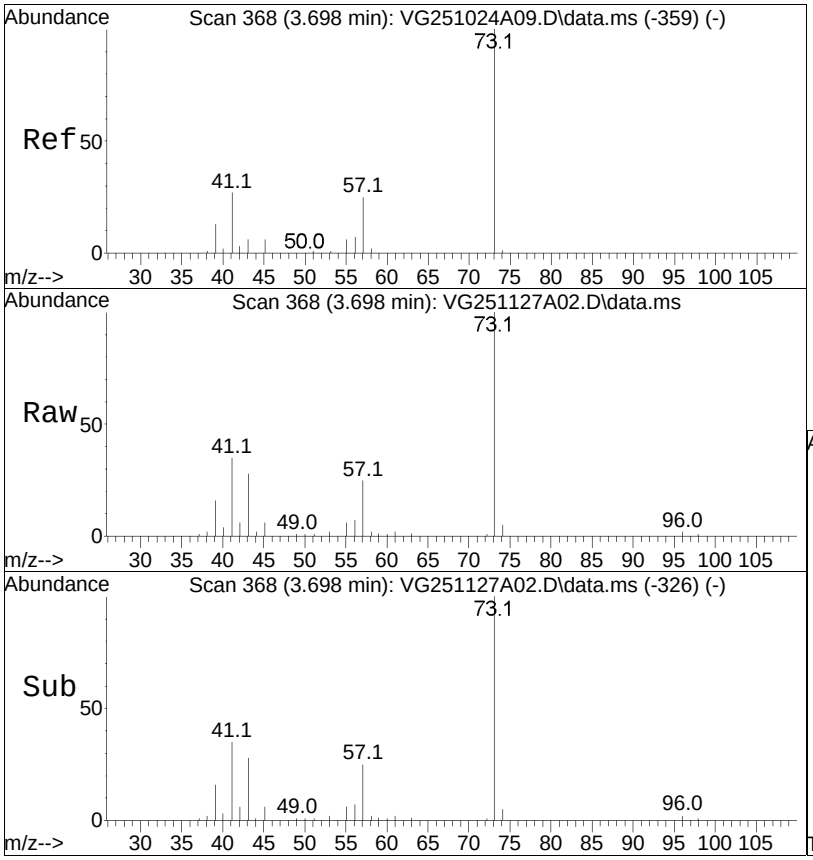


#18
trans-1,2-Dichloroethene
Concen: 9.07 ug/L
RT: 3.613 min Scan# 356
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 96 Resp: 91699

Ion	Ratio	Lower	Upper
96	100		
61	164.3	100.6	208.8
98	63.7	41.1	85.3
63	49.6	30.8	64.0

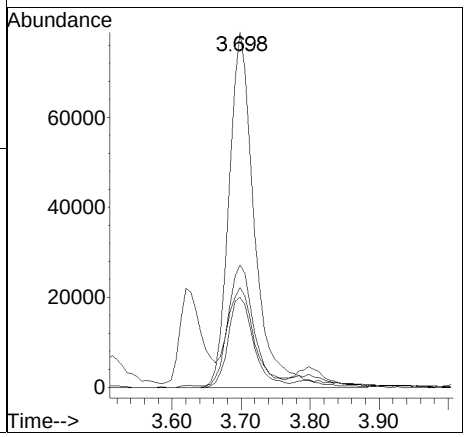


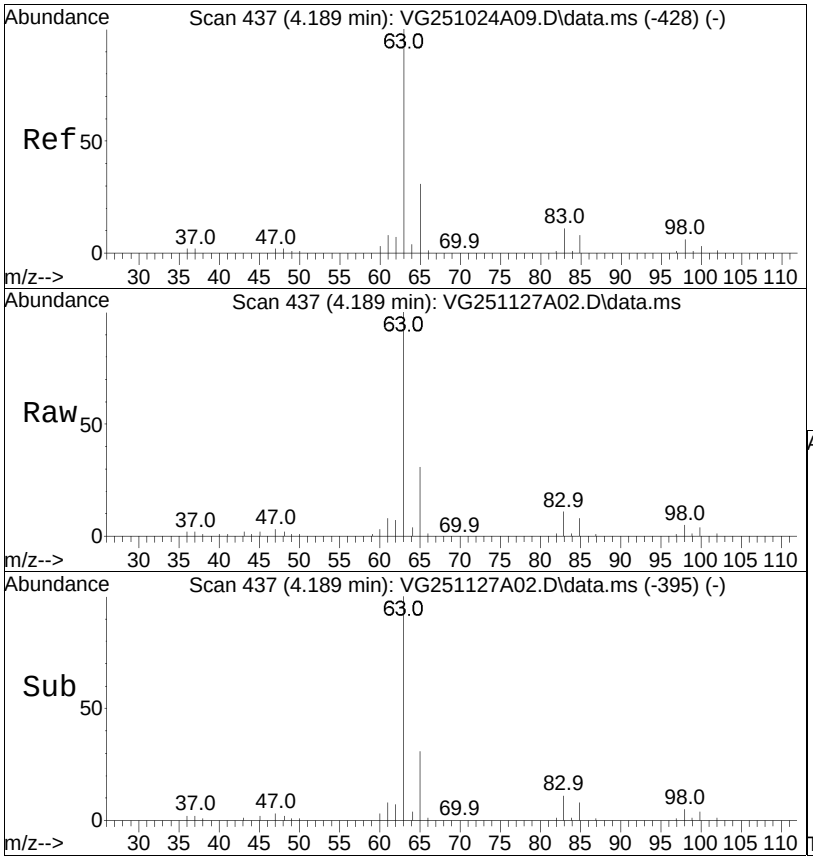


#20
Methyl tert-butyl ether
Concen: 9.04 ug/L
RT: 3.698 min Scan# 368
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 73 Resp: 204741

Ion	Ratio	Lower	Upper
73	100		
57	25.3	15.7	32.7
43	25.0	16.8	34.8
41	34.7	18.1	37.5

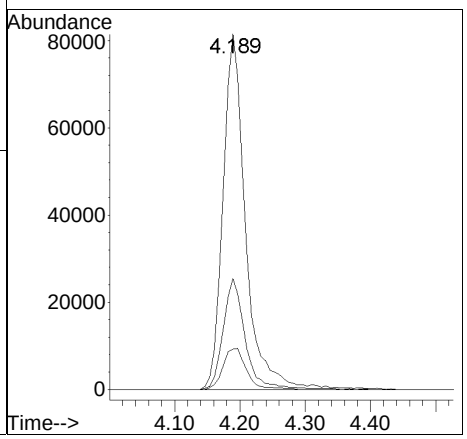


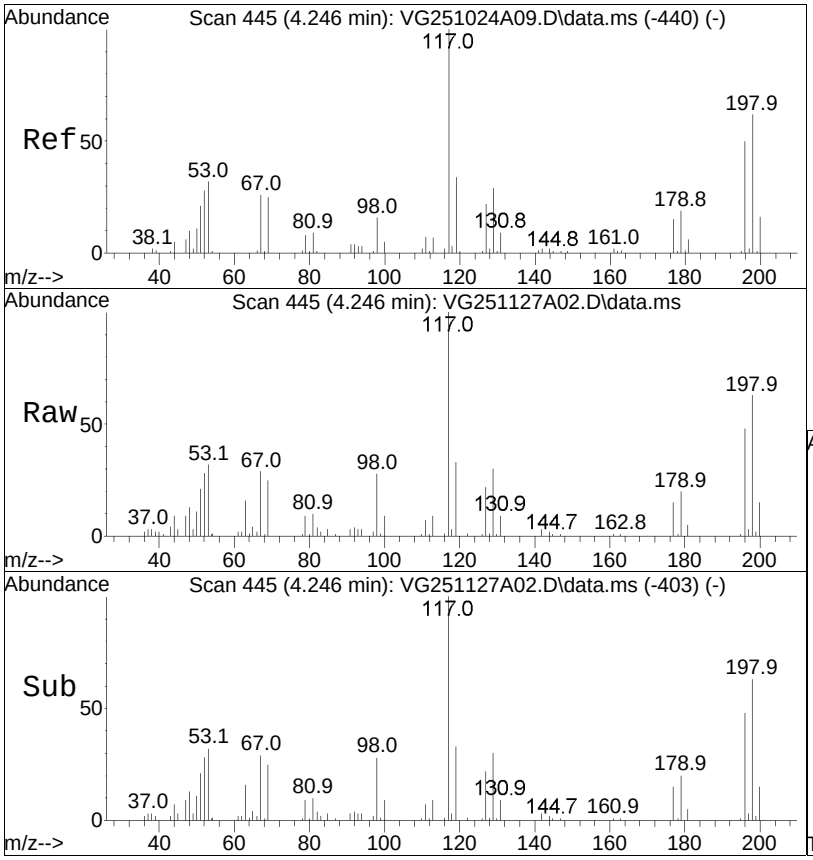


#23
1,1-Dichloroethane
Concen: 9.63 ug/L
RT: 4.189 min Scan# 437
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 63 Resp: 196399

Ion	Ratio	Lower	Upper
63	100		
65	30.3	9.9	49.9
83	11.9	0.0	31.5

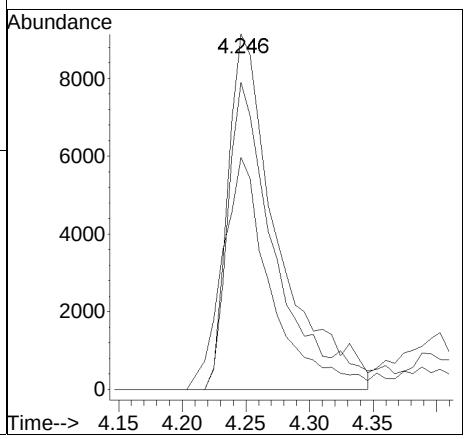


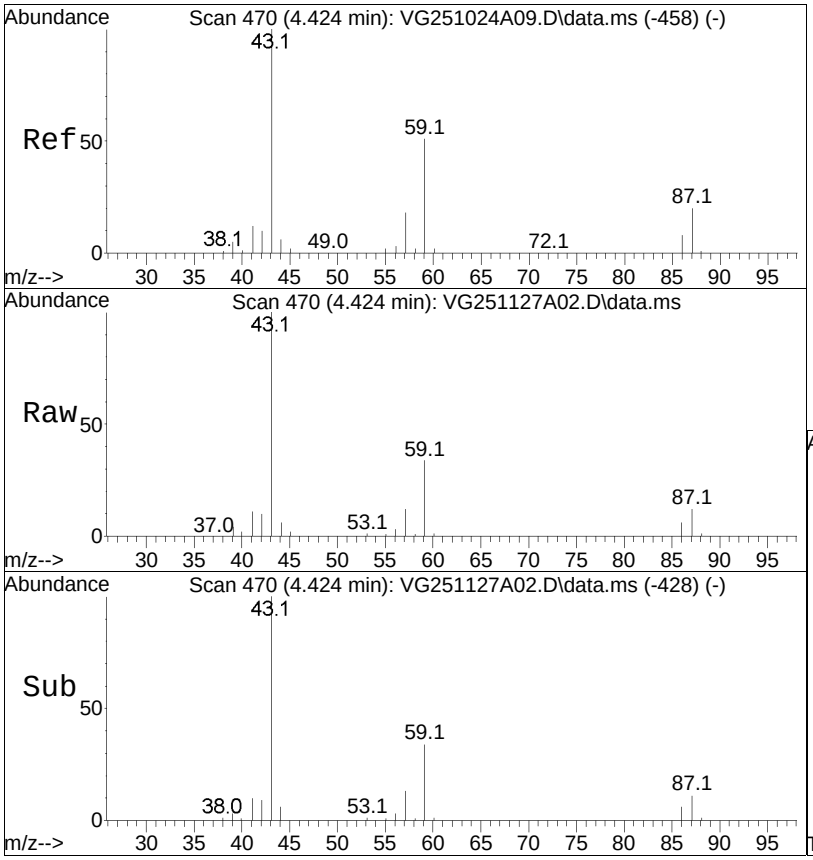


#25
Acrylonitrile
Concen: 10.06 ug/L
RT: 4.246 min Scan# 445
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 53 Resp: 25032

Ion	Ratio	Lower	Upper
53	100		
52	83.5	67.9	101.9
51	63.6	53.2	79.8

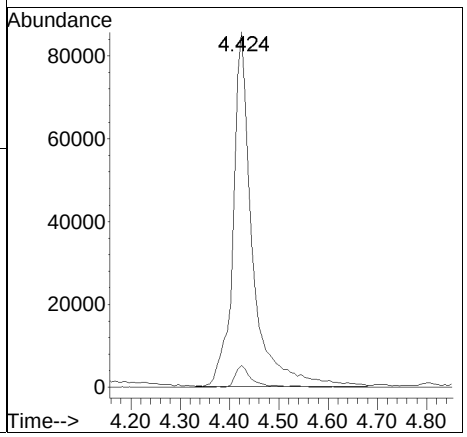


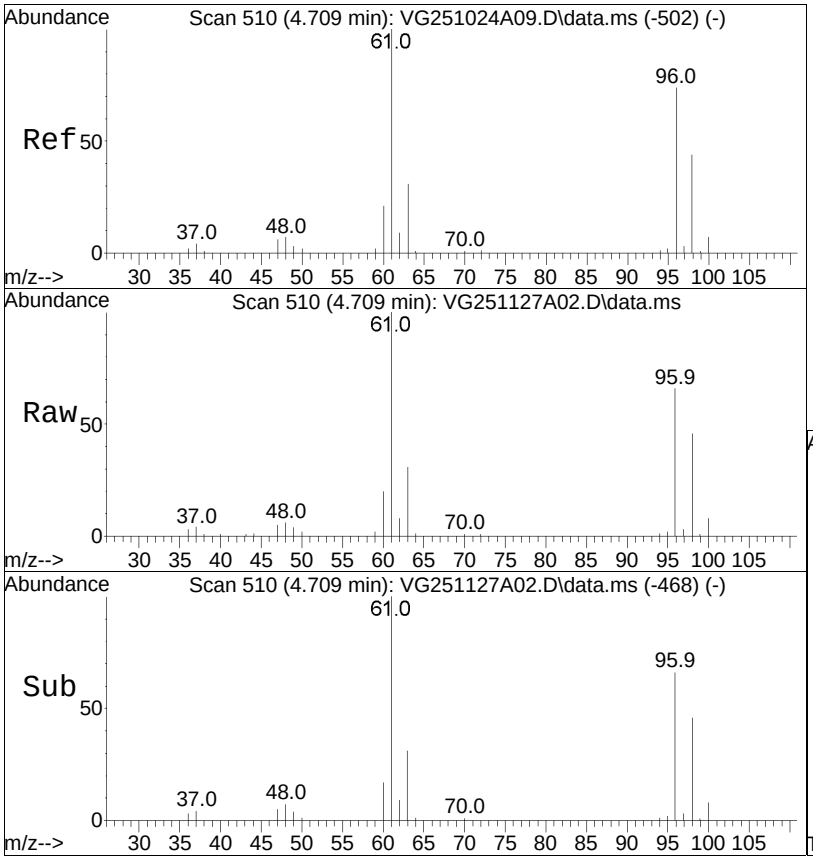


#27
Vinyl acetate
Concen: 10.85 ug/L
RT: 4.424 min Scan# 470
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 43 Resp: 232460

Ion	Ratio	Lower	Upper
43	100		
86	5.3	5.1	7.7

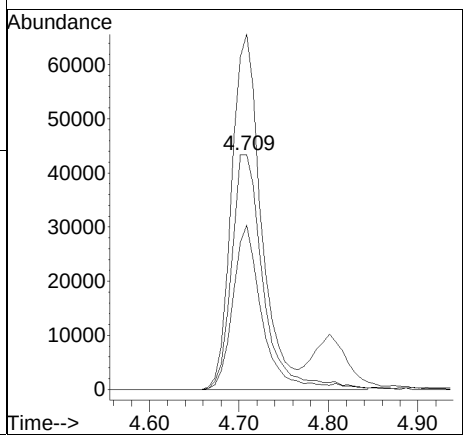


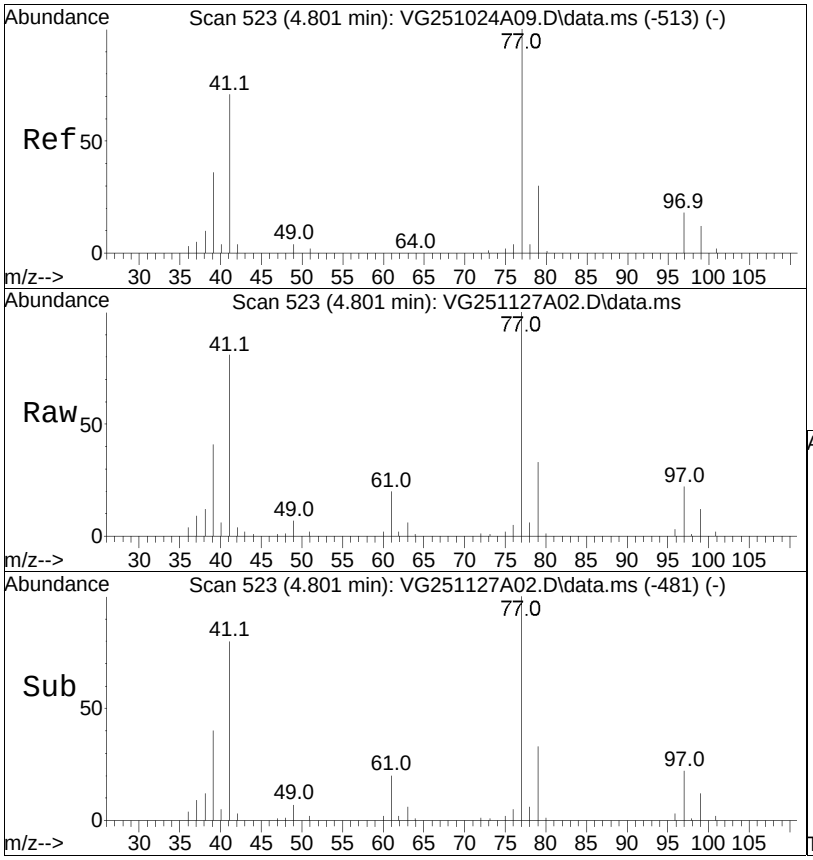


#28
cis-1,2-Dichloroethene
Concen: 9.52 ug/L
RT: 4.709 min Scan# 510
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 96 Resp: 106458

Ion	Ratio	Lower	Upper
96	100		
61	141.1	104.9	157.3
98	63.7	48.6	72.8

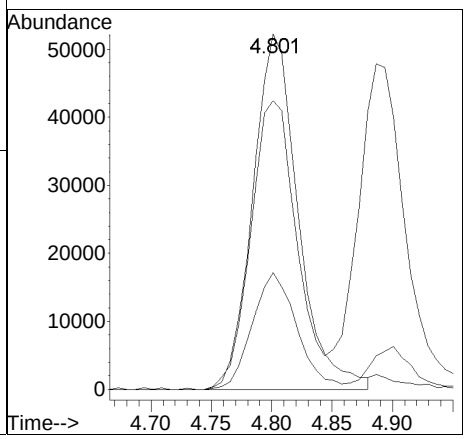


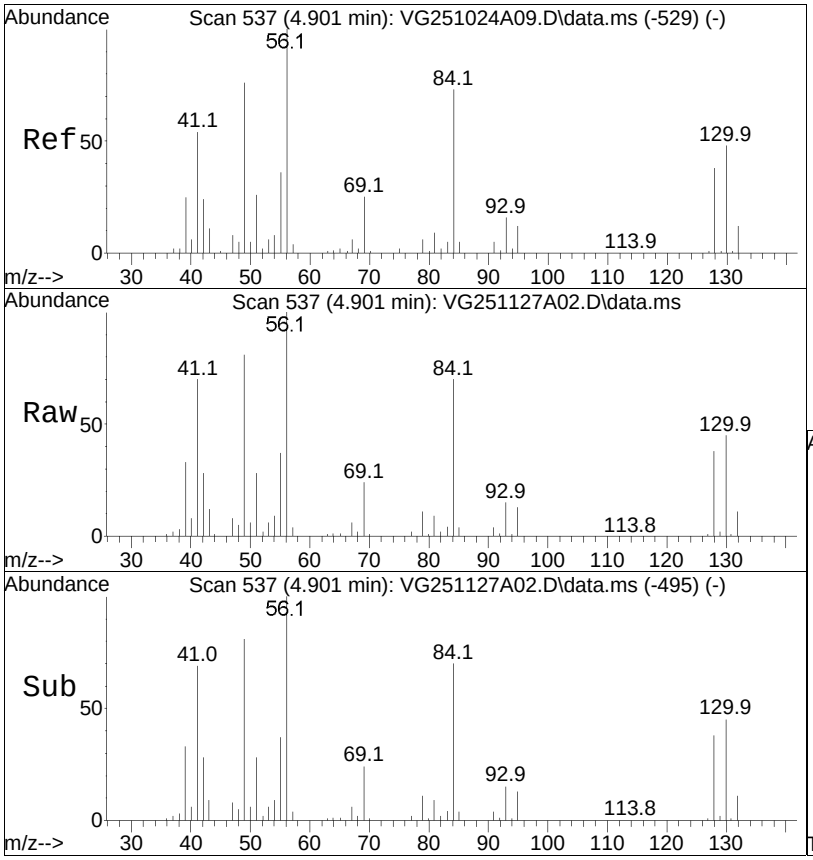


#29
2,2-Dichloropropane
Concen: 9.73 ug/L
RT: 4.801 min Scan# 523
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 77 Resp: 135995

Ion	Ratio	Lower	Upper
77	100		
41	81.9	42.0	87.2
79	32.4	19.5	40.5

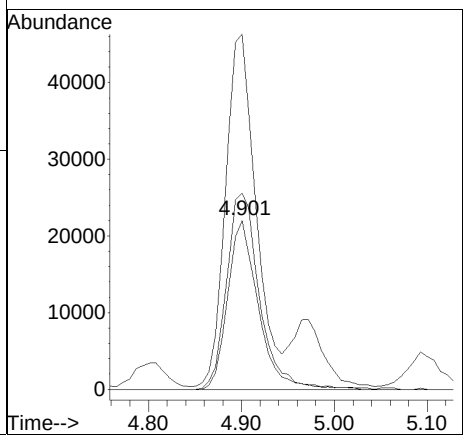


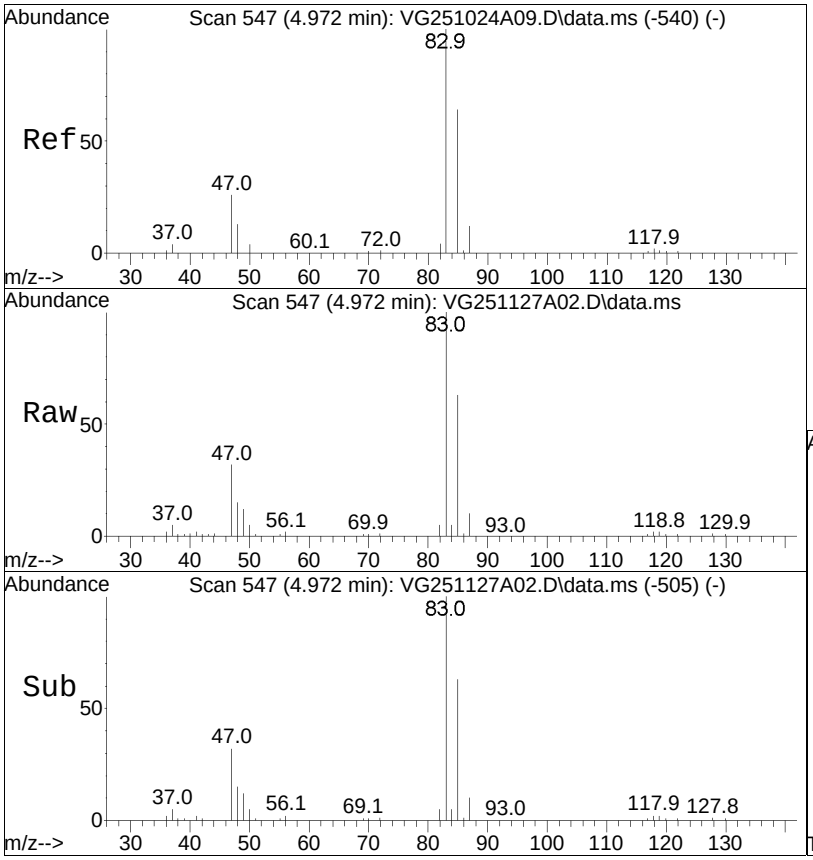


#30
Bromochloromethane
Concen: 10.31 ug/L
RT: 4.901 min Scan# 537
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:128 Resp: 50669

Ion	Ratio	Lower	Upper
128	100		
49	205.6	148.8	223.2
130	122.9	104.9	157.3

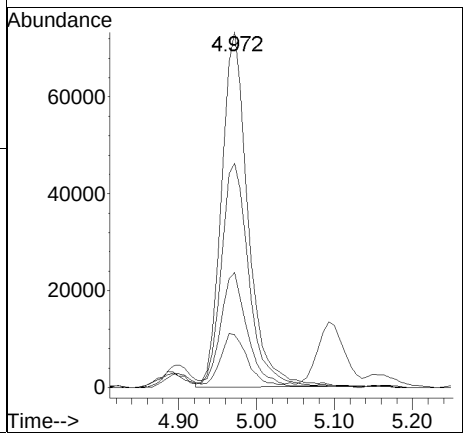


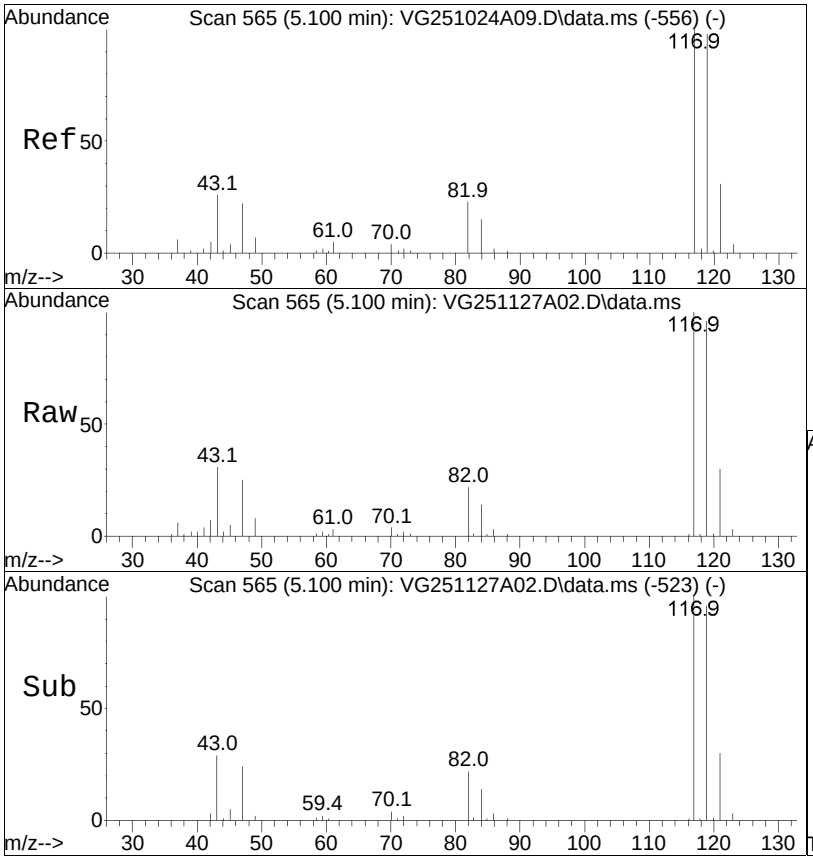


#32
Chloroform
Concen: 9.45 ug/L
RT: 4.972 min Scan# 547
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 83 Resp: 174479

Ion	Ratio	Lower	Upper
83	100		
85	64.3	42.1	87.3
47	32.1	17.2	35.8
48	15.0	9.6	20.0

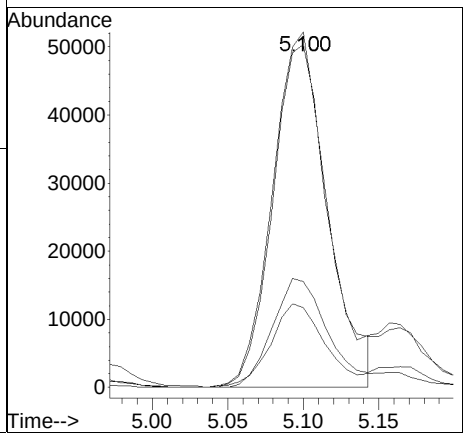


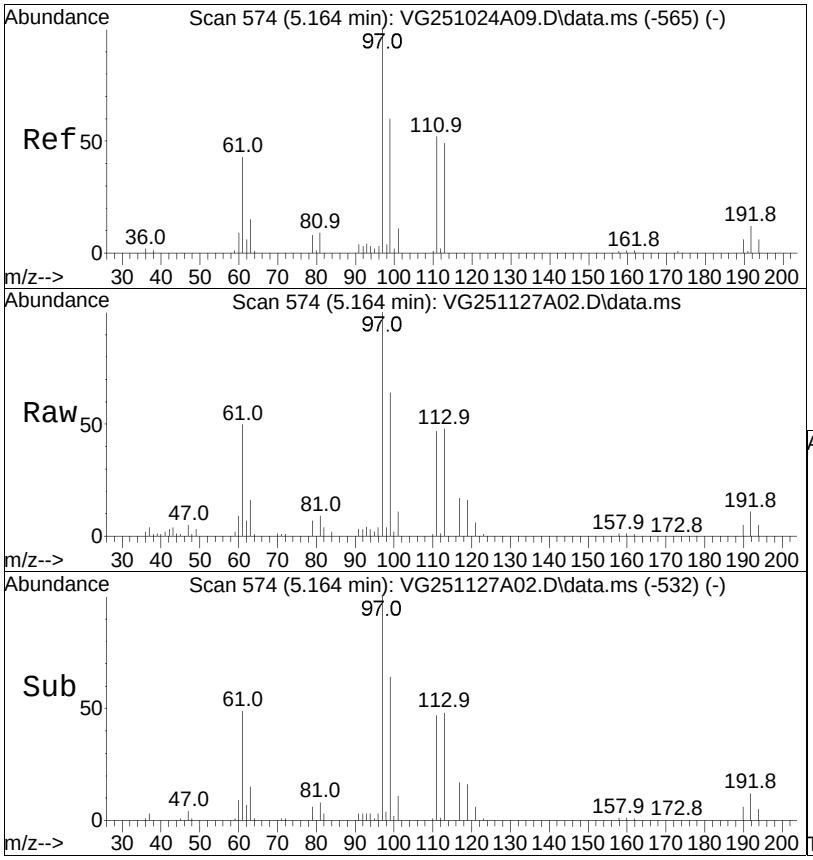


#34
Carbon tetrachloride
Concen: 9.12 ug/L
RT: 5.100 min Scan# 565
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:117 Resp: 131736

Ion	Ratio	Lower	Upper
117	100		
119	99.7	61.9	128.5
121	30.9	19.5	40.5
82	24.0	17.7	36.9

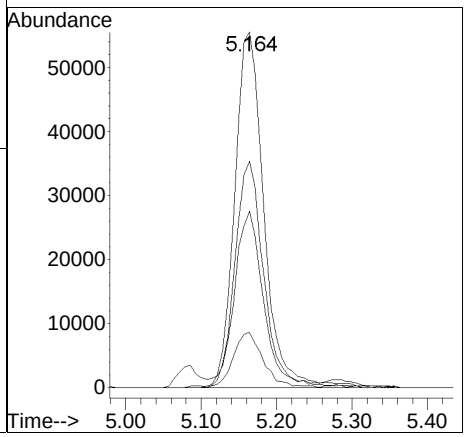


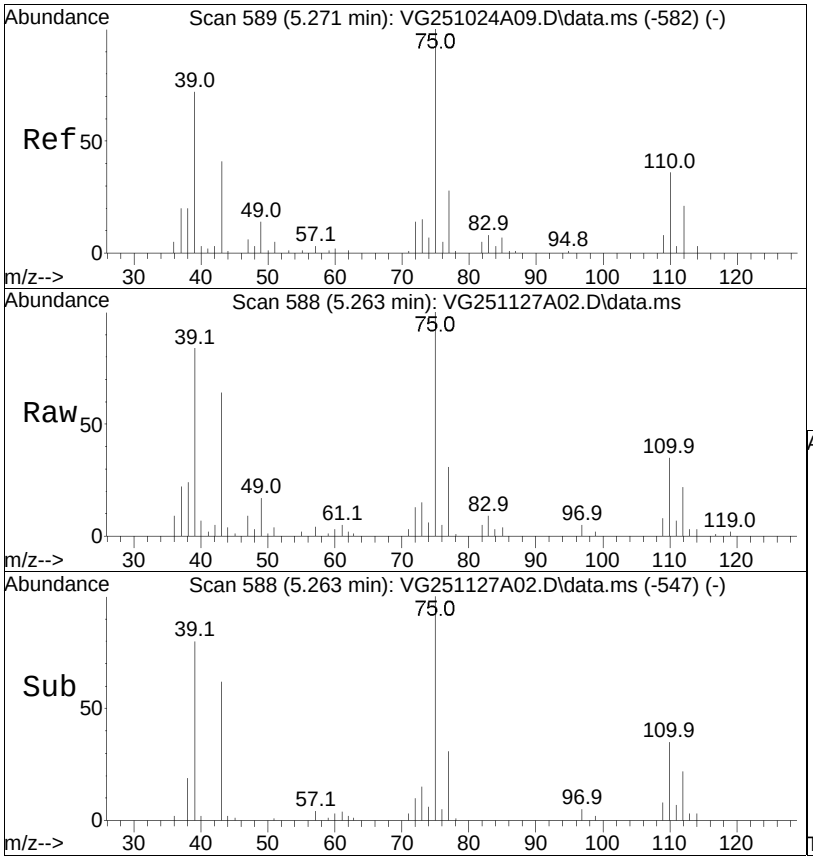


#37
1,1,1-Trichloroethane
Concen: 9.49 ug/L
RT: 5.164 min Scan# 574
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 97 Resp: 149868

Ion	Ratio	Lower	Upper
97	100		
99	62.4	40.5	84.1
61	48.6	31.2	64.8
63	15.7	9.6	20.0

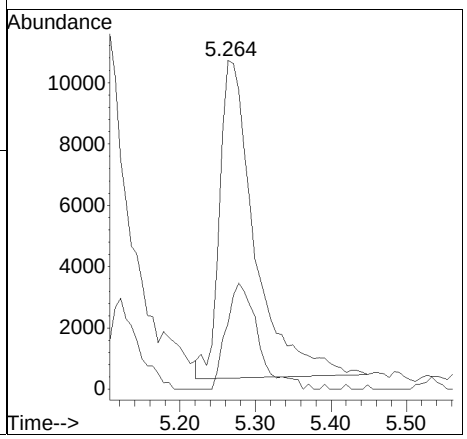


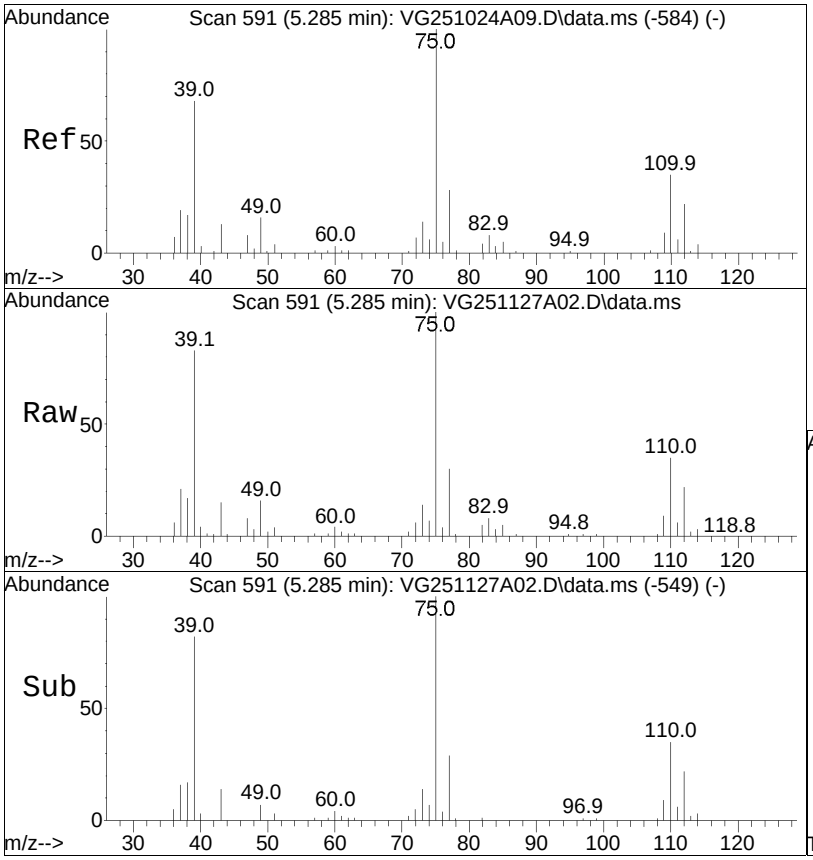


#39
2-Butanone
Concen: 10.91 ug/L
RT: 5.263 min Scan# 588
Delta R.T. -0.008 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 43 Resp: 33779

Ion	Ratio	Lower	Upper
43	100		
72	30.3	29.4	44.2

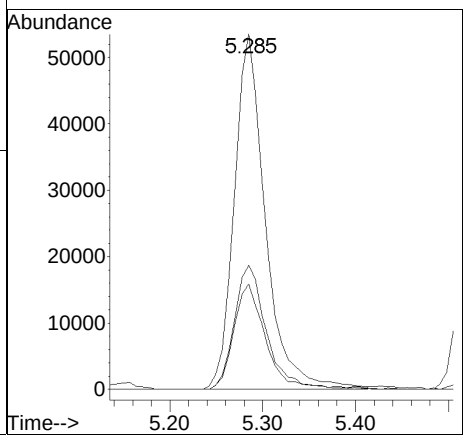


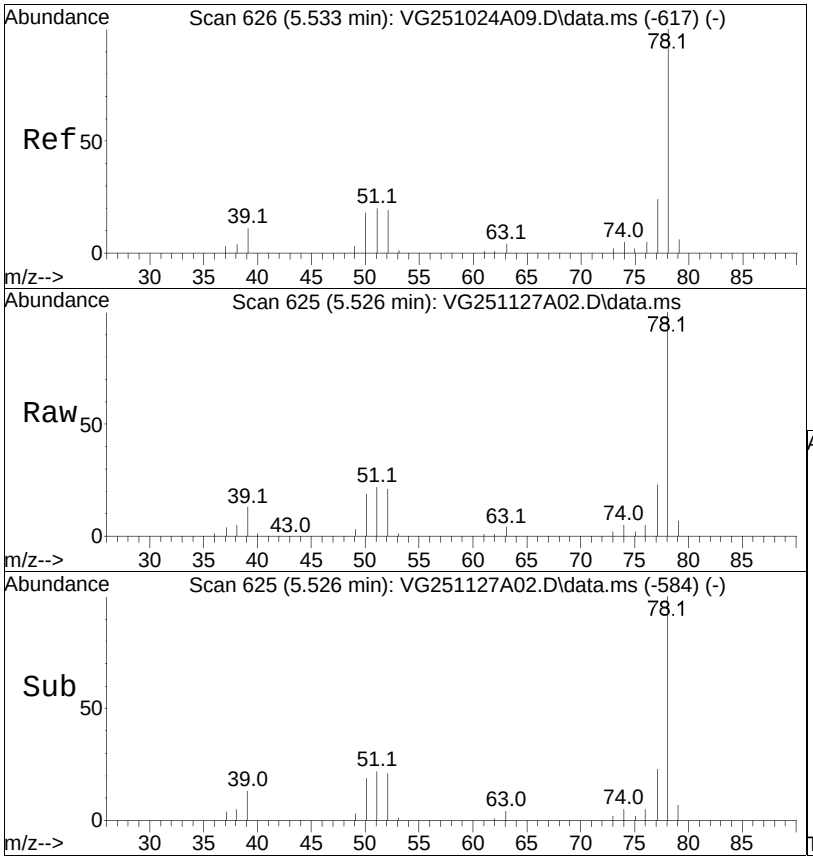


#40
1,1-Dichloropropene
Concen: 9.85 ug/L
RT: 5.285 min Scan# 591
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 75 Resp: 124705

Ion	Ratio	Lower	Upper
75	100		
110	35.9	23.7	49.3
77	30.6	19.4	40.4

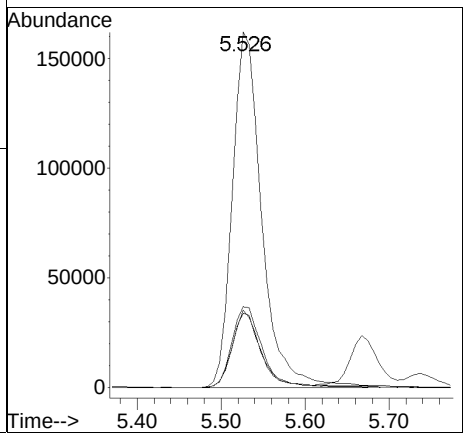


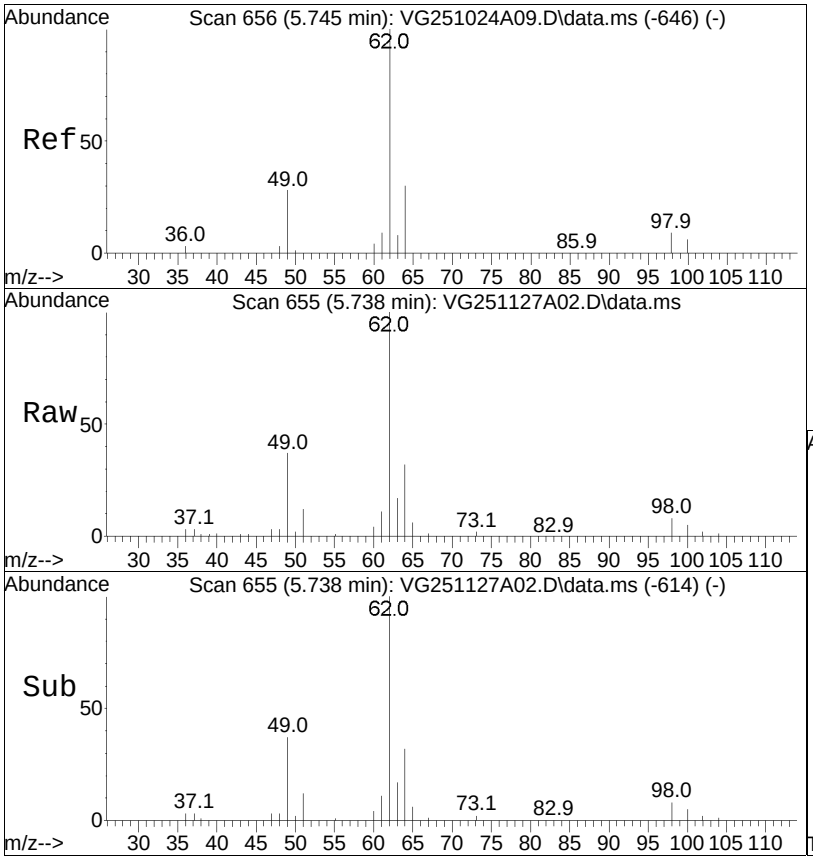


#41
Benzene
Concen: 9.87 ug/L
RT: 5.526 min Scan# 625
Delta R.T. -0.007 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 78 Resp: 394488

Ion	Ratio	Lower	Upper
78	100		
77	23.5	15.5	32.1
51	20.8	12.8	26.6
52	20.6	12.4	25.7

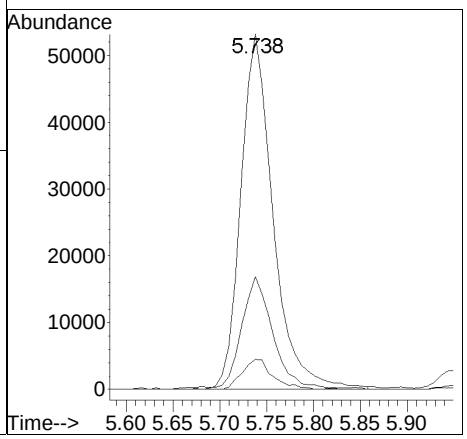


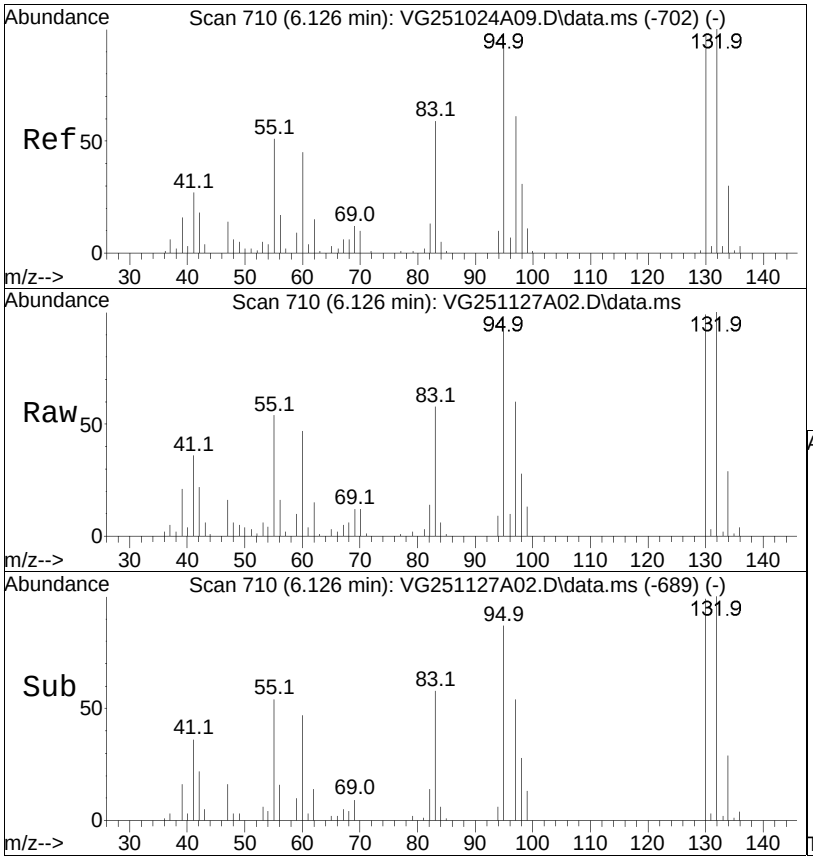


#44
1,2-Dichloroethane
Concen: 9.85 ug/L
RT: 5.738 min Scan# 655
Delta R.T. -0.007 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 62 Resp: 127755

Ion	Ratio	Lower	Upper
62	100		
64	31.6	12.4	52.4
98	8.0	0.0	28.6

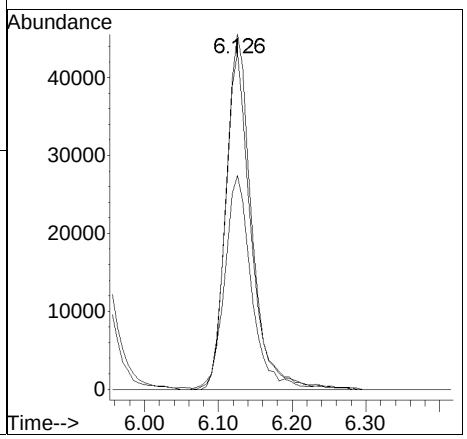


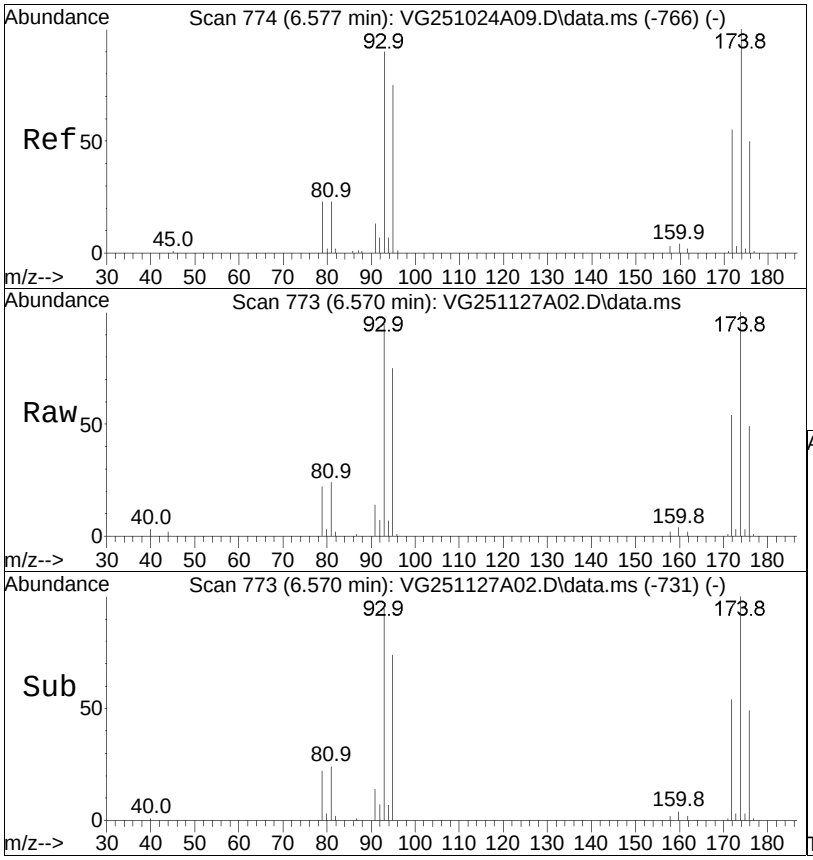


#48
Trichloroethene
Concen: 9.17 ug/L
RT: 6.126 min Scan# 710
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 95 Resp: 103858

Ion	Ratio	Lower	Upper
95	100		
97	67.5	54.1	81.1
130	106.1	87.6	131.4

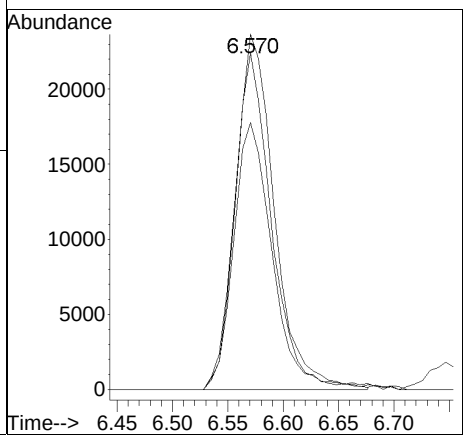


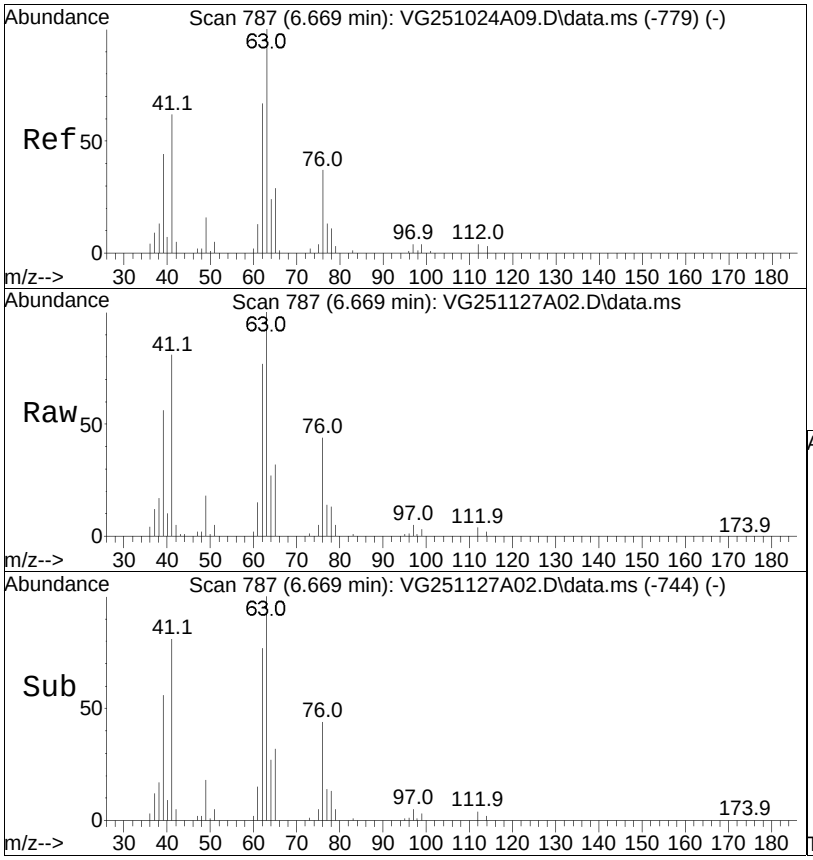


#50
Dibromomethane
Concen: 9.75 ug/L
RT: 6.570 min Scan# 773
Delta R.T. -0.007 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 93 Resp: 52023

Ion	Ratio	Lower	Upper
93	100		
95	84.0	68.2	102.2
174	110.7	92.1	138.1

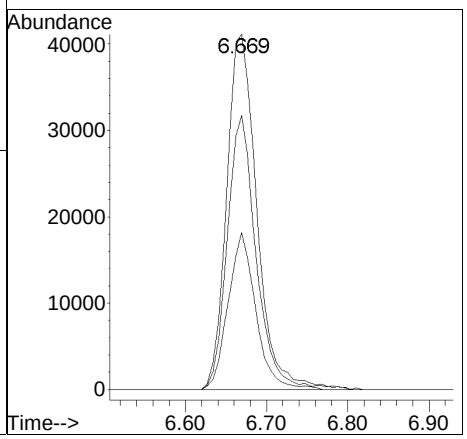


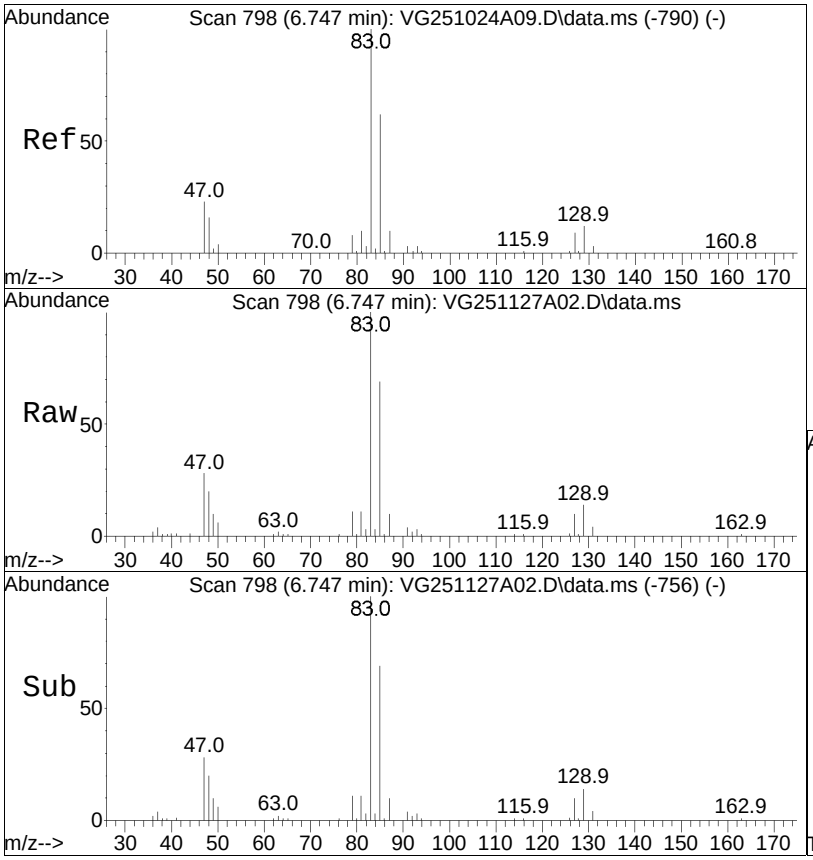


#51
1,2-Dichloropropane
Concen: 9.30 ug/L
RT: 6.669 min Scan# 787
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 63 Resp: 106639

Ion	Ratio	Lower	Upper
63	100		
62	73.7	56.2	84.4
76	40.4	29.7	44.5

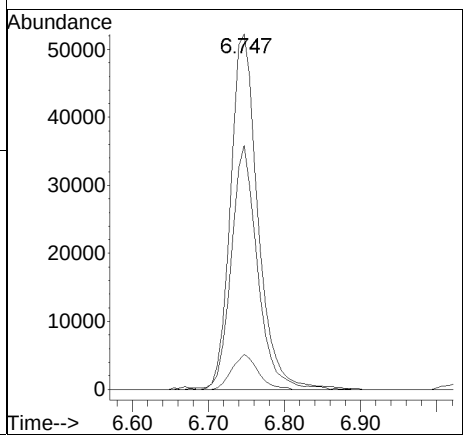


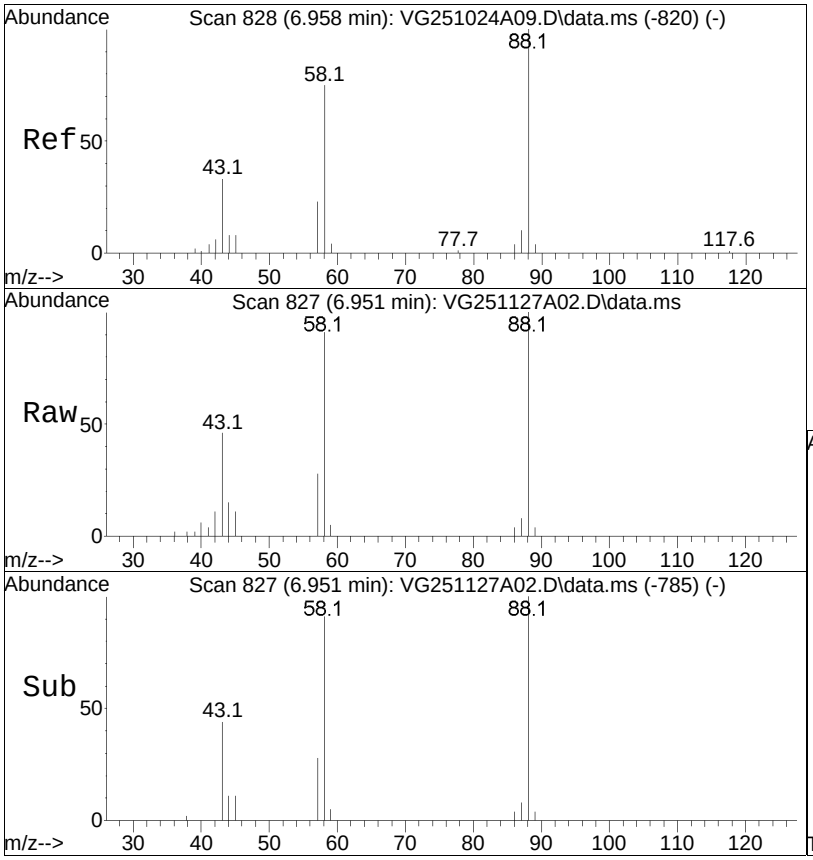


#54
Bromodichloromethane
Concen: 9.36 ug/L
RT: 6.747 min Scan# 798
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 83 Resp: 130621

Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.2	75.4
127	9.4	7.4	11.0

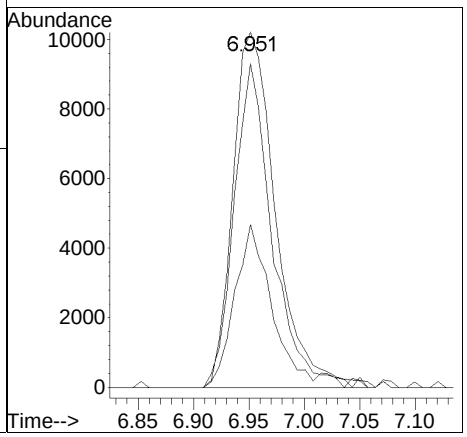


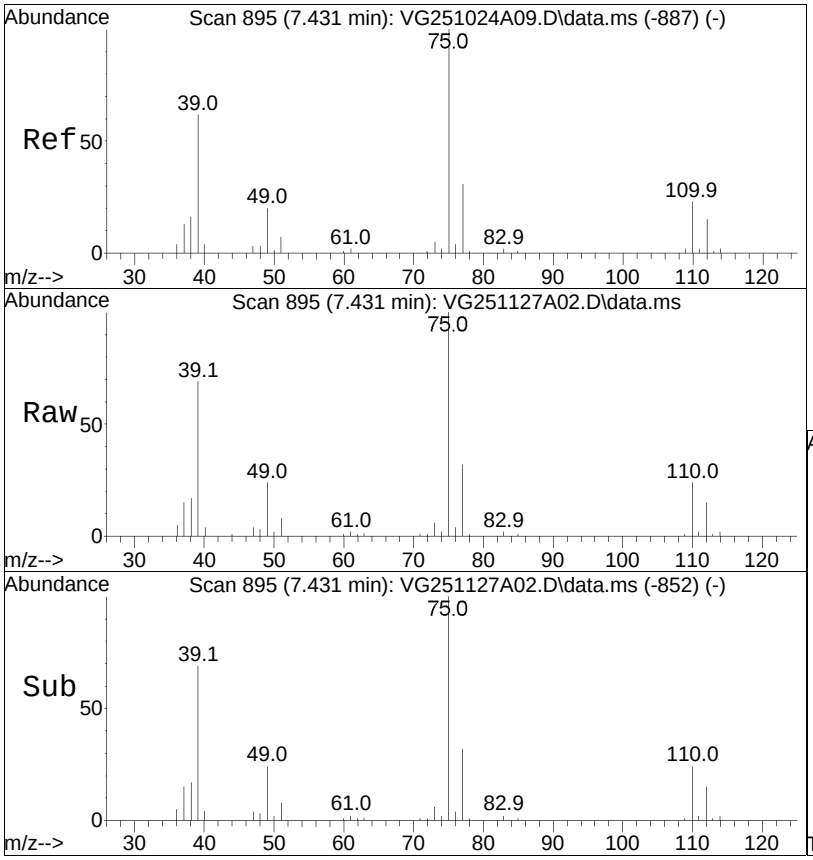


#57
1,4-Dioxane
Concen: 460.71 ug/L
RT: 6.951 min Scan# 827
Delta R.T. -0.007 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 88 Resp: 27401

Ion	Ratio	Lower	Upper
88	100		
58	81.1	63.1	94.7
43	39.5	29.4	44.0

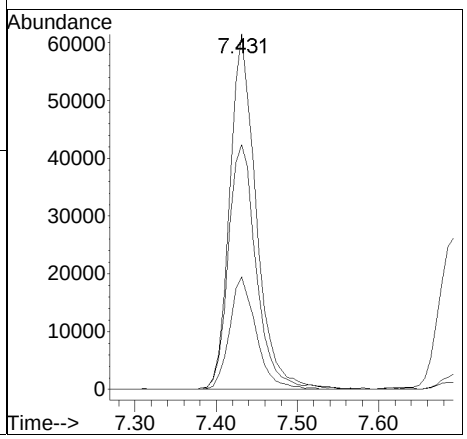


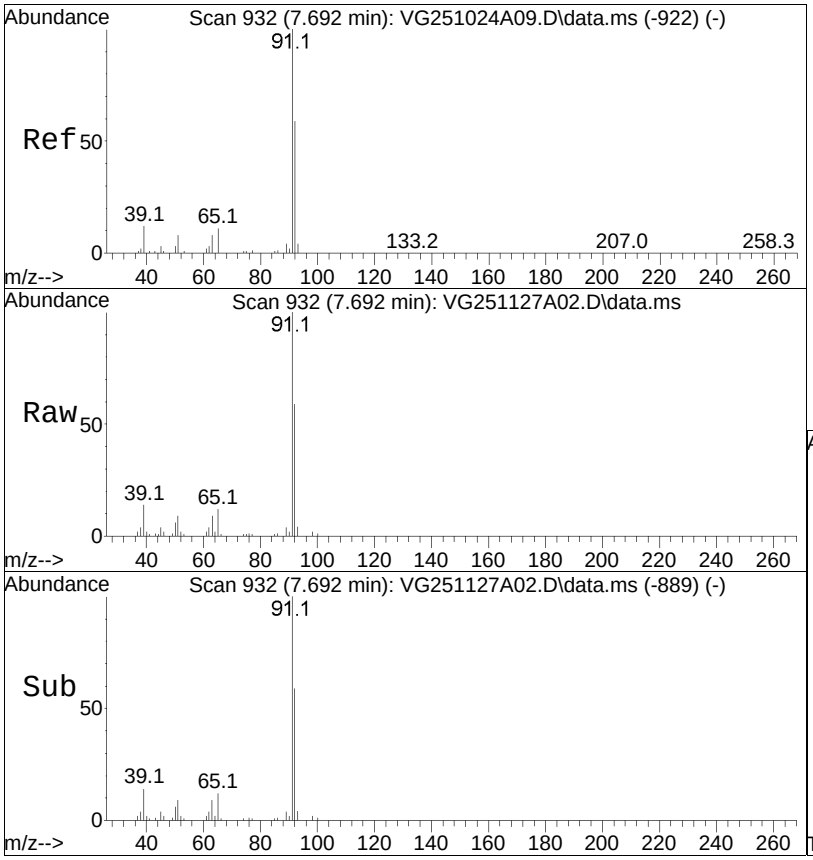


#58
cis-1,3-Dichloropropene
Concen: 9.17 ug/L
RT: 7.431 min Scan# 895
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 75 Resp: 139794

Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.9	37.3
39	73.1	49.9	74.9

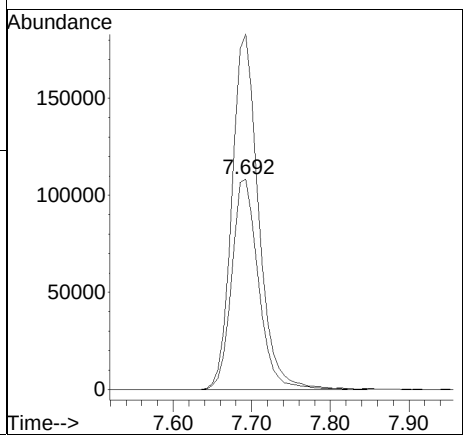


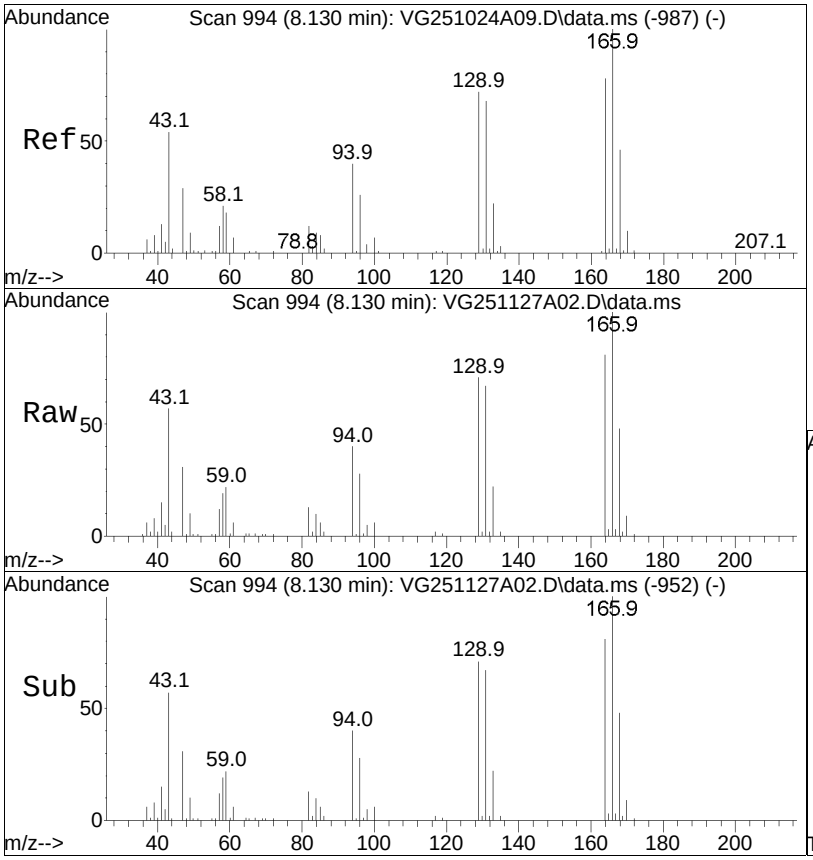


#61
Toluene
Concen: 9.49 ug/L
RT: 7.692 min Scan# 932
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 92 Resp: 255765

Ion	Ratio	Lower	Upper
92	100		
91	168.3	137.8	206.8

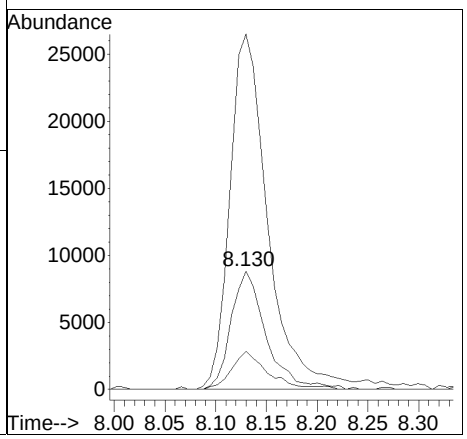


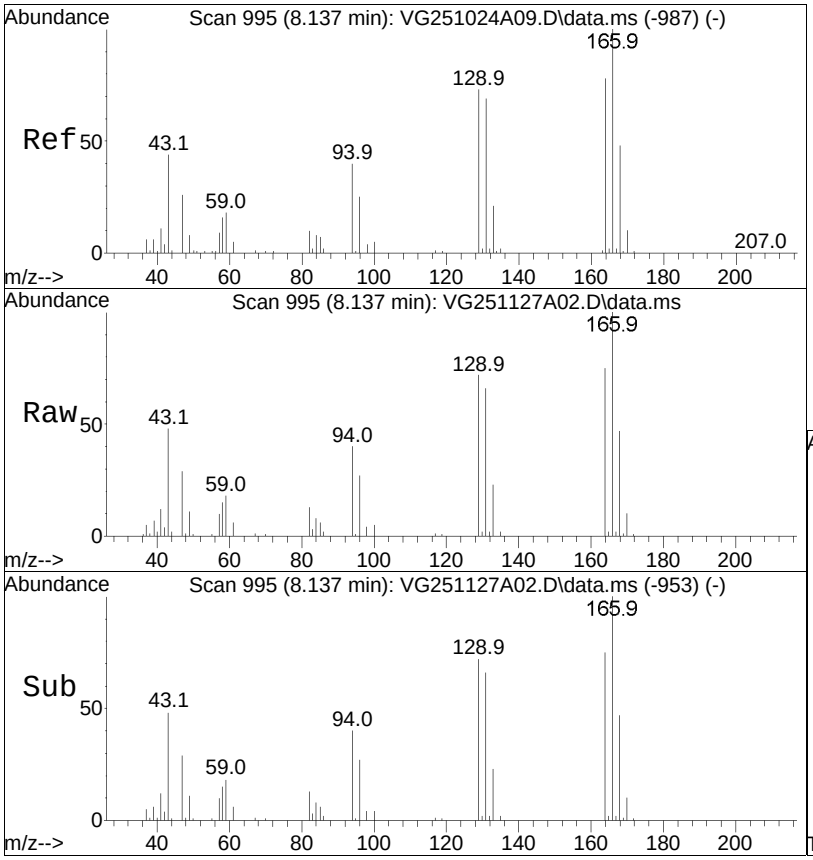


#62
4-Methyl-2-pentanone
Concen: 8.69 ug/L
RT: 8.130 min Scan# 994
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 58 Resp: 21333

Ion	Ratio	Lower	Upper
58	100		
100	33.4	25.9	38.9
43	324.0	225.8	338.6

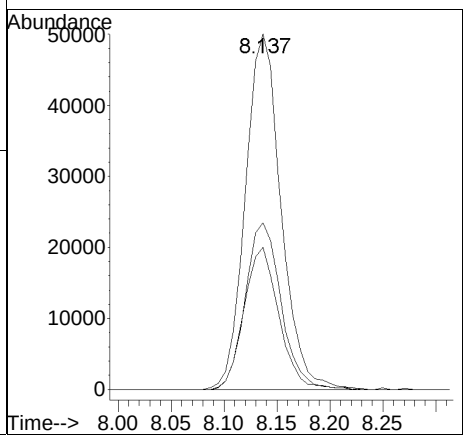


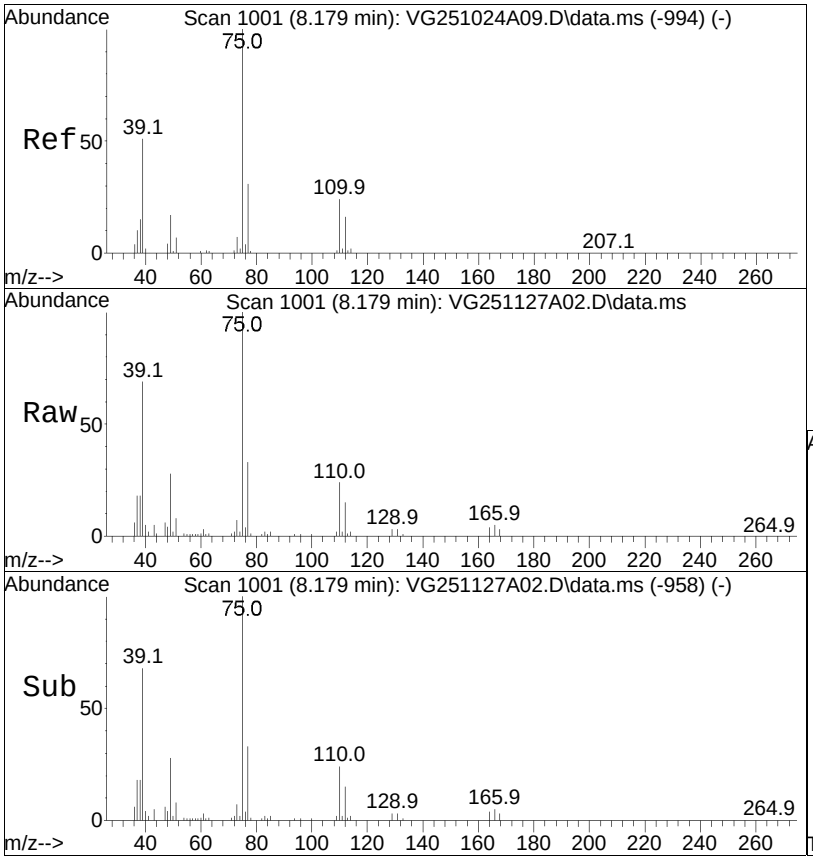


#63
Tetrachloroethene
Concen: 9.48 ug/L
RT: 8.137 min Scan# 995
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:166 Resp: 117292

Ion	Ratio	Lower	Upper
166	100		
168	46.9	26.8	66.8
94	39.2	18.2	58.2

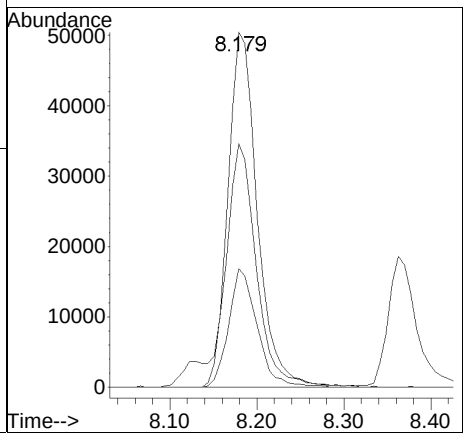


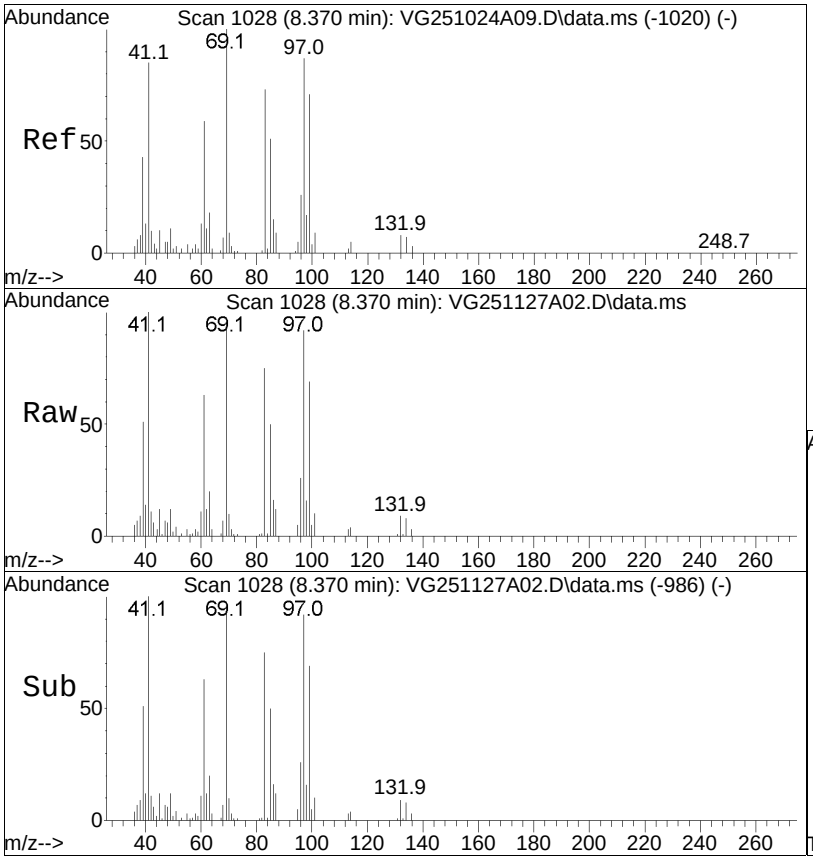


#65
trans-1,3-Dichloropropene
Concen: 9.38 ug/L
RT: 8.179 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 75 Resp: 118905

Ion	Ratio	Lower	Upper
75	100		
77	32.5	10.7	50.7
39	69.7	37.1	77.1

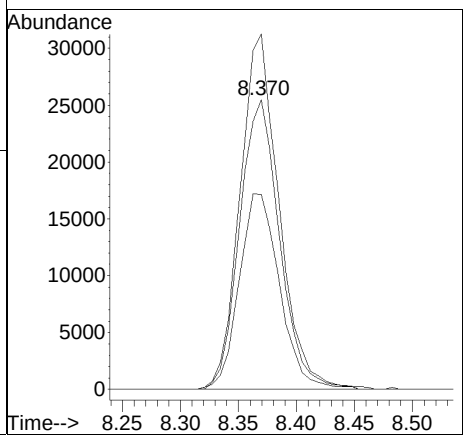


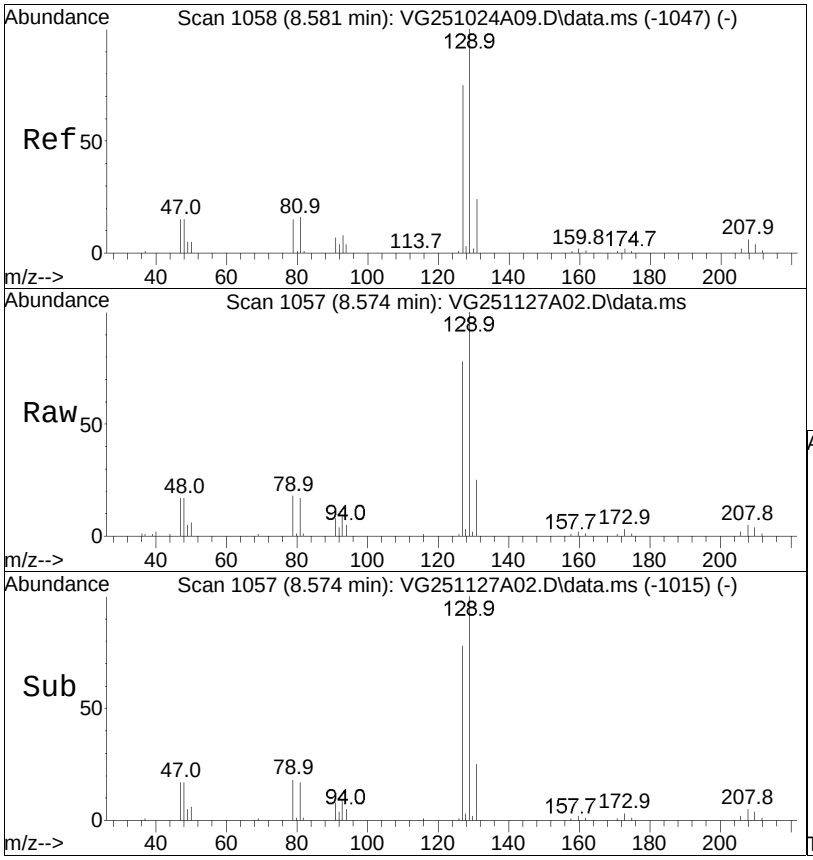


#68
1,1,2-Trichloroethane
Concen: 9.32 ug/L
RT: 8.370 min Scan# 1028
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 83 Resp: 61111

Ion	Ratio	Lower	Upper
83	100		
97	119.8	98.8	138.8
85	68.4	48.1	88.1

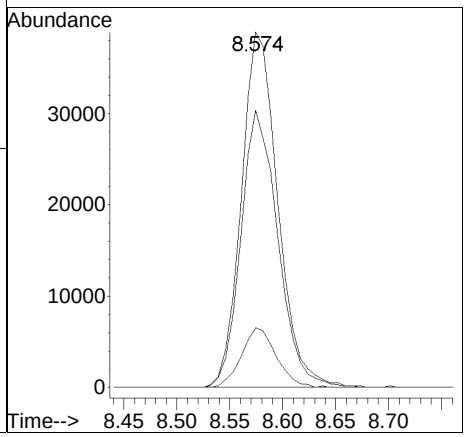


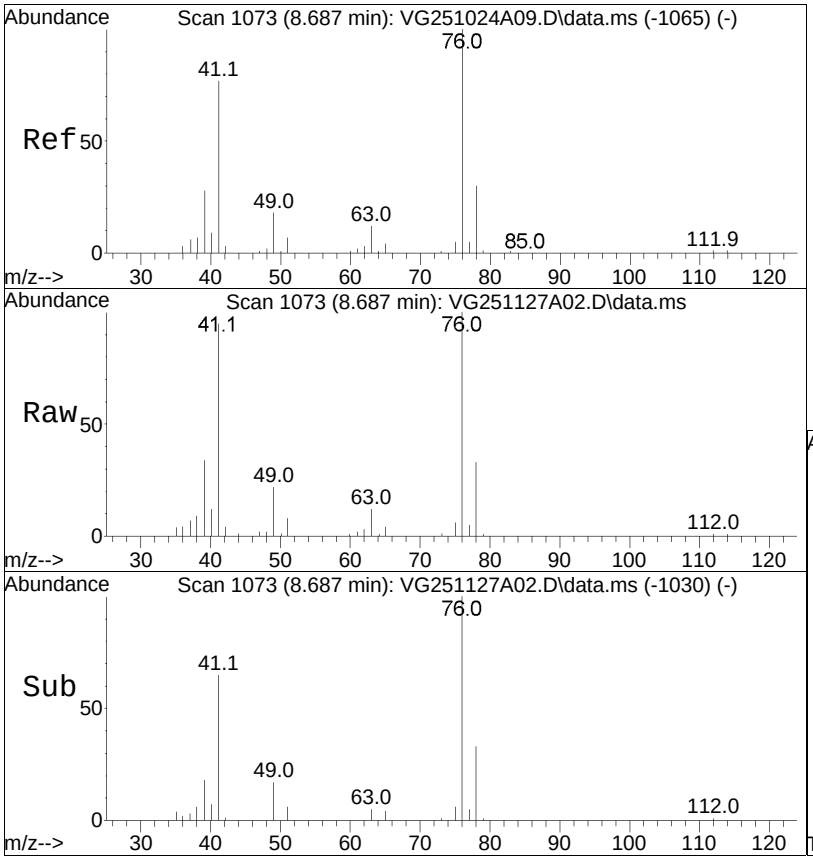


#69
Chlorodibromomethane
Concen: 8.83 ug/L
RT: 8.574 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:129 Resp: 93373

Ion	Ratio	Lower	Upper
129	100		
81	16.0	0.0	35.2
127	79.1	56.0	96.0

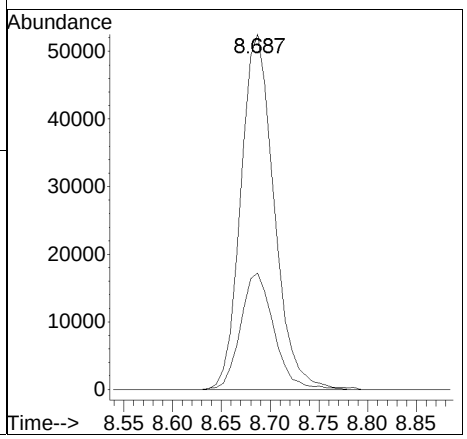


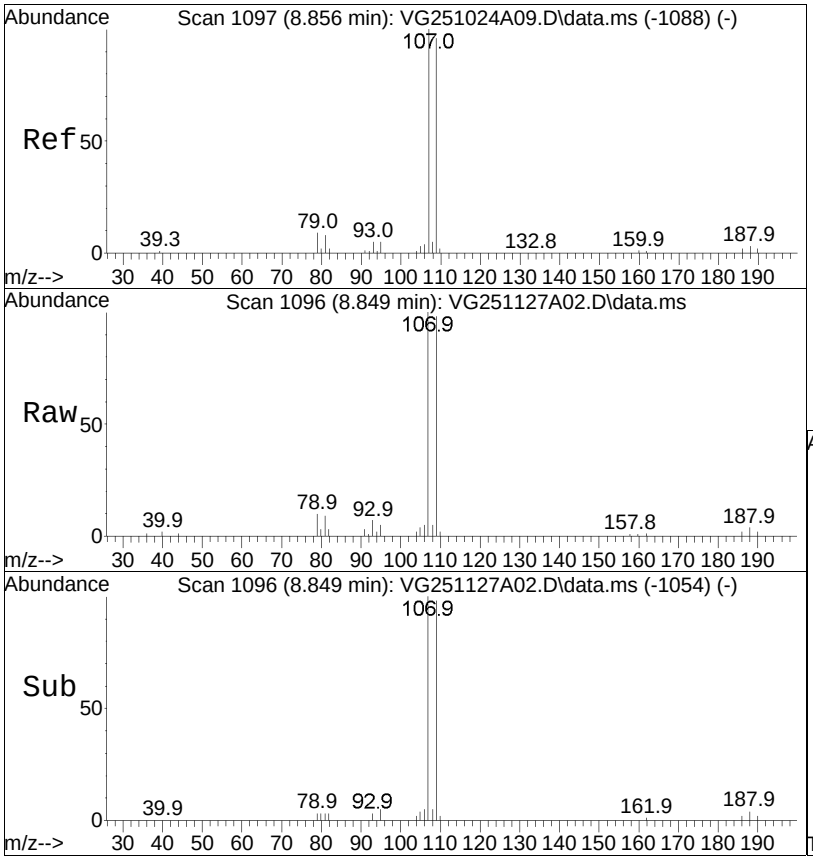


#70
1,3-Dichloropropane
Concen: 9.51 ug/L
RT: 8.687 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 76 Resp: 124611

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.3	37.9

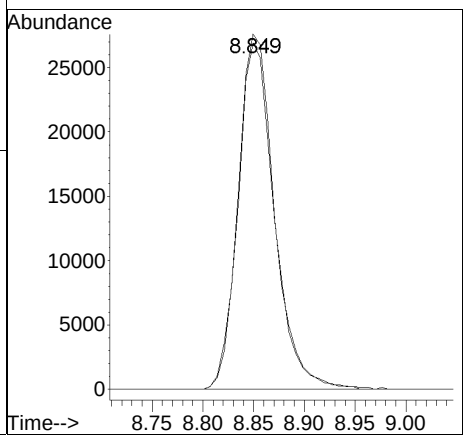


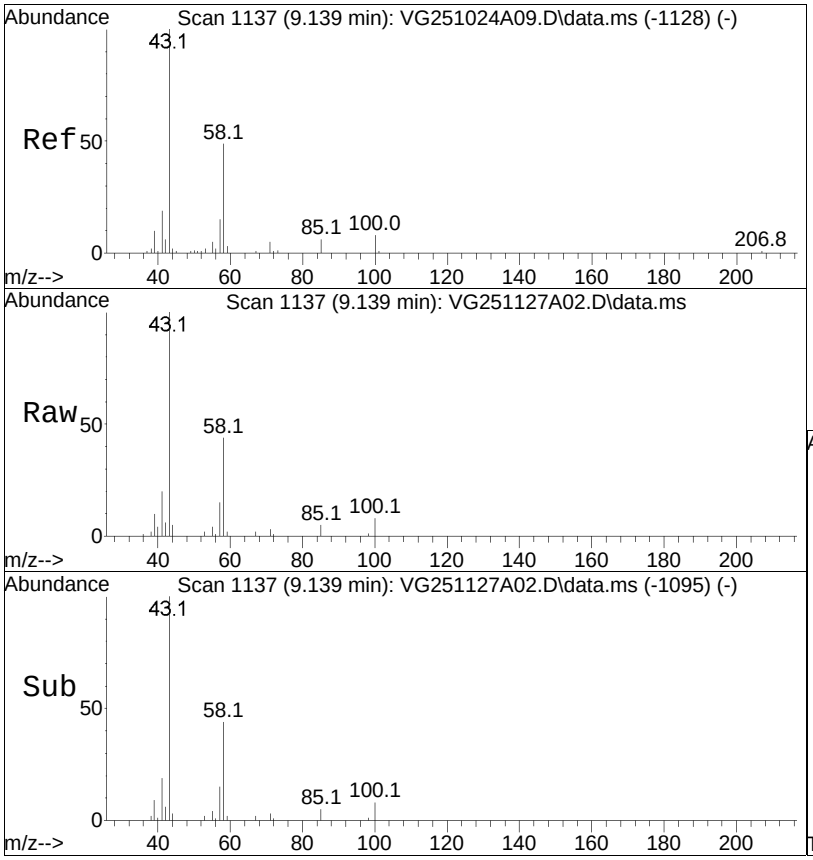


#71
1,2-Dibromoethane
Concen: 9.02 ug/L
RT: 8.849 min Scan# 1096
Delta R.T. -0.007 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:107 Resp: 69138

Ion	Ratio	Lower	Upper
107	100		
109	96.9	0.0	0.0#

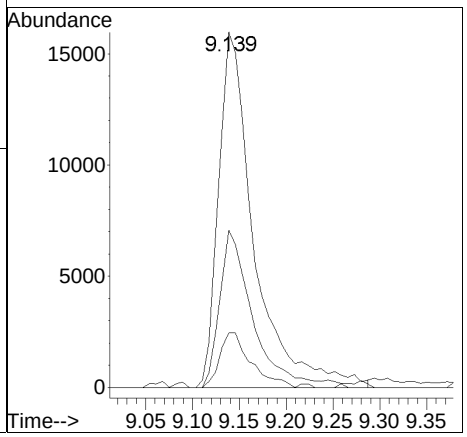


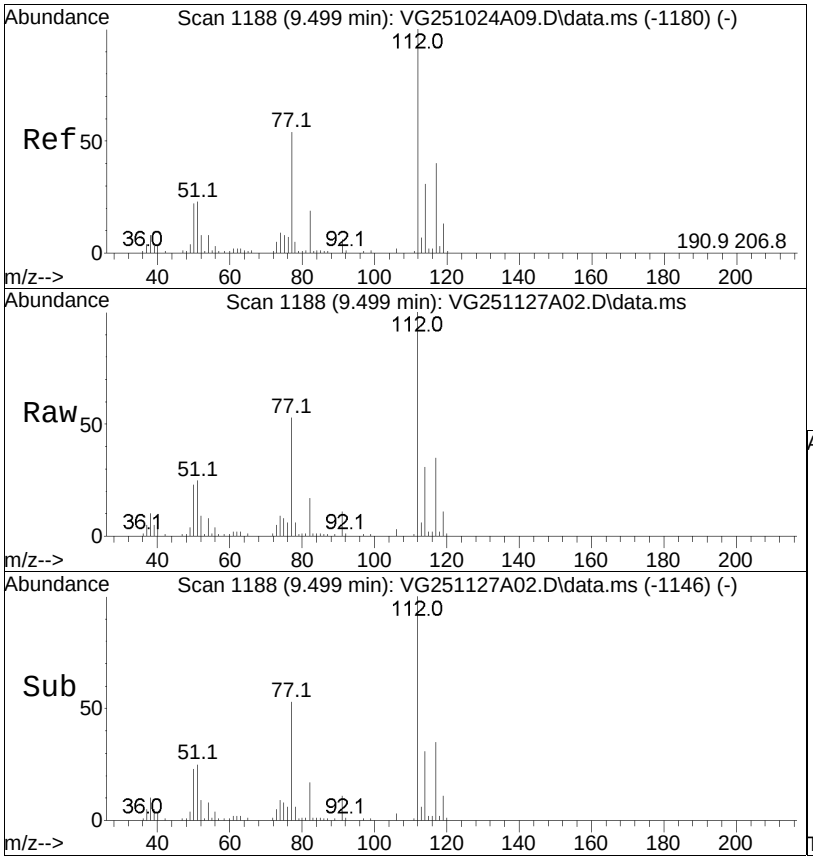


#72
2-Hexanone
Concen: 9.47 ug/L
RT: 9.139 min Scan# 1137
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 43 Resp: 42252

Ion	Ratio	Lower	Upper
43	100		
58	41.6	36.8	55.2
57	13.5	12.6	18.8

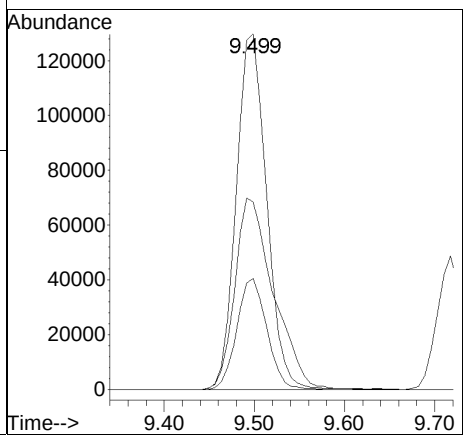


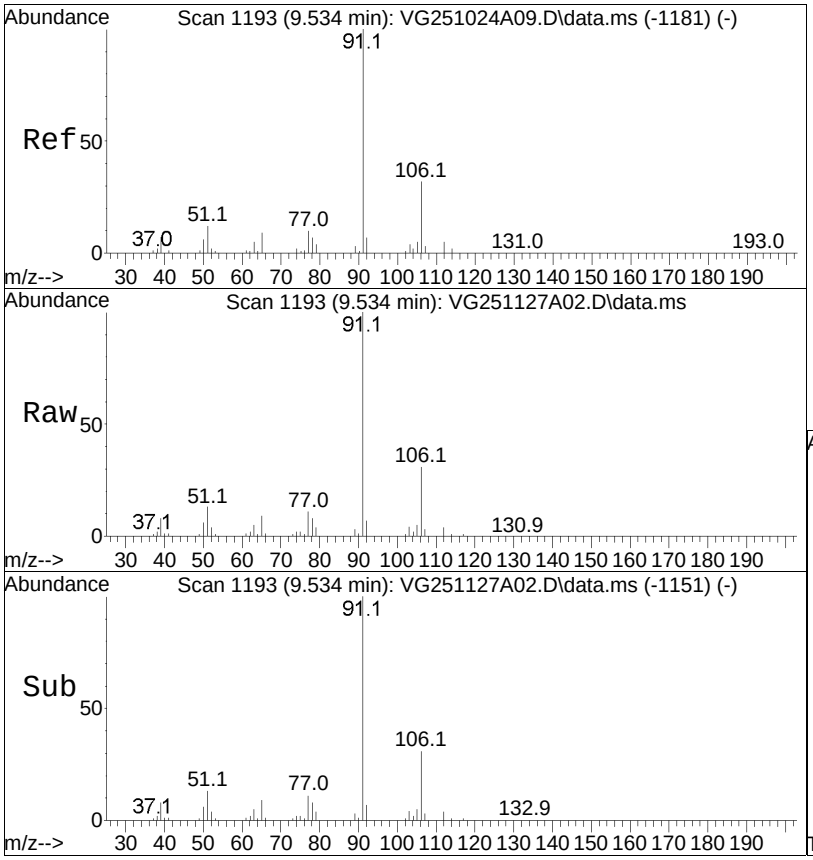


#73
Chlorobenzene
Concen: 9.62 ug/L
RT: 9.499 min Scan# 1188
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:112 Resp: 303084

Ion	Ratio	Lower	Upper
112	100		
77	68.6	53.6	80.4
114	30.8	25.4	38.0

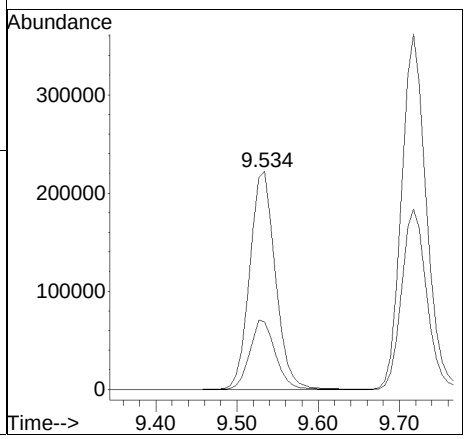


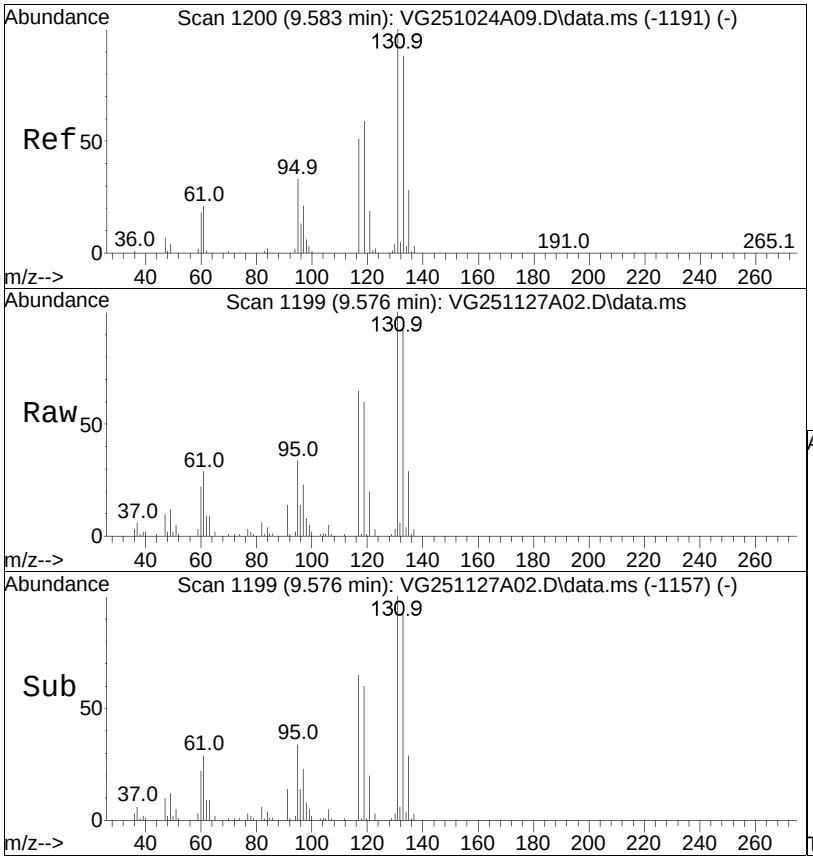


#74
Ethylbenzene
Concen: 9.45 ug/L
RT: 9.534 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 91 Resp: 489105

Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.4	38.2

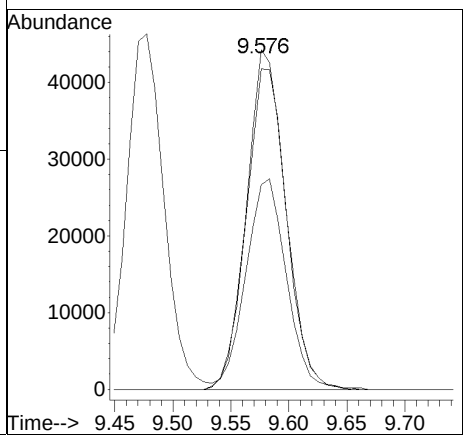


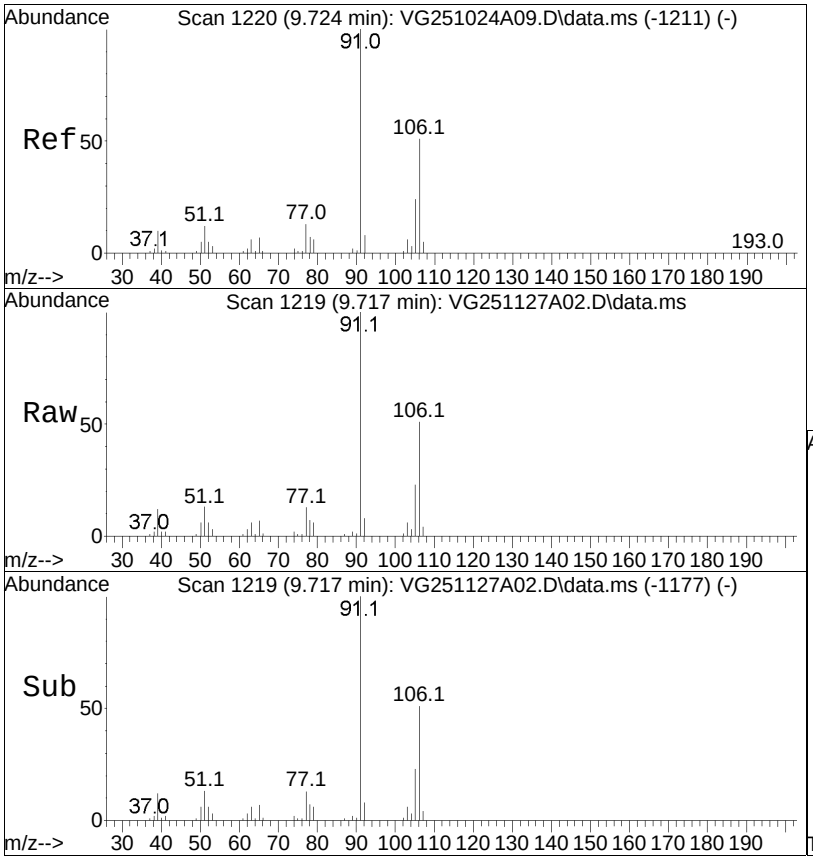


#75
1,1,1,2-Tetrachloroethane
Concen: 9.07 ug/L
RT: 9.576 min Scan# 1199
Delta R.T. -0.007 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:131 Resp: 104111

Ion	Ratio	Lower	Upper
131	100		
133	97.0	76.3	116.3
119	63.8	44.5	84.5

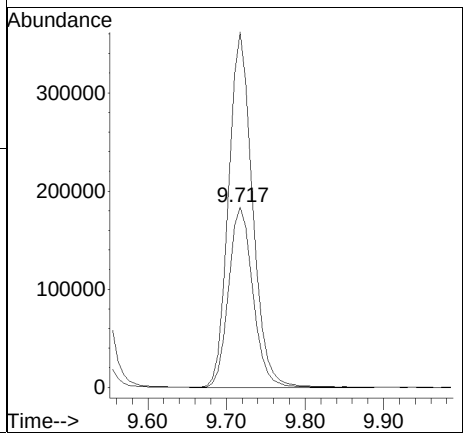


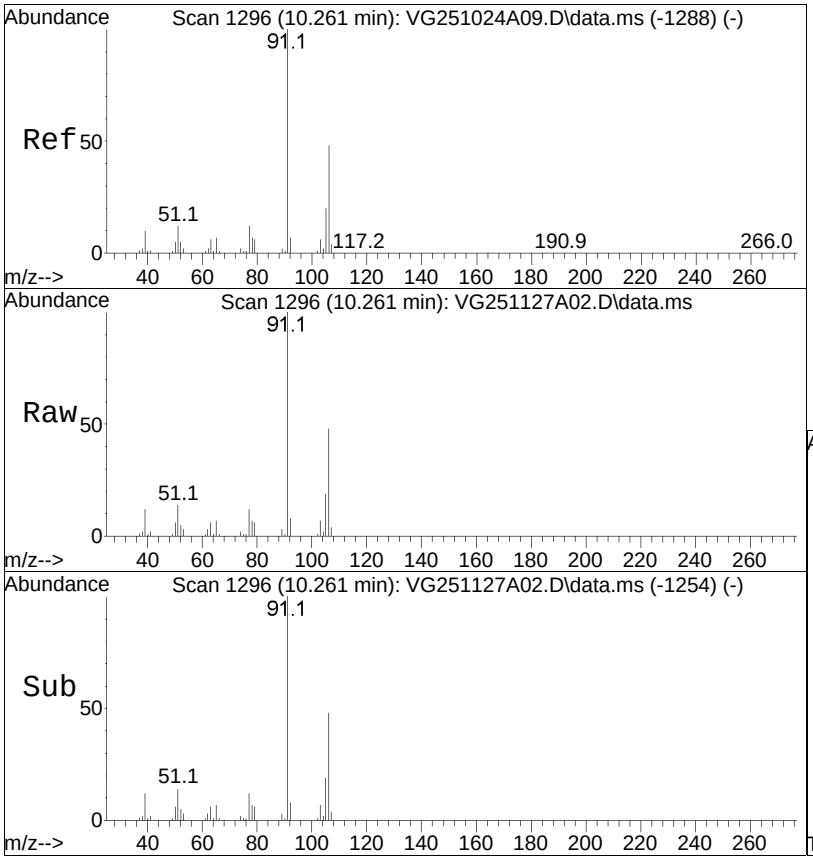


#76
p/m Xylene
Concen: 19.32 ug/L
RT: 9.717 min Scan# 1219
Delta R.T. -0.007 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:106 Resp: 395167

Ion	Ratio	Lower	Upper
106	100		
91	193.8	157.6	236.4

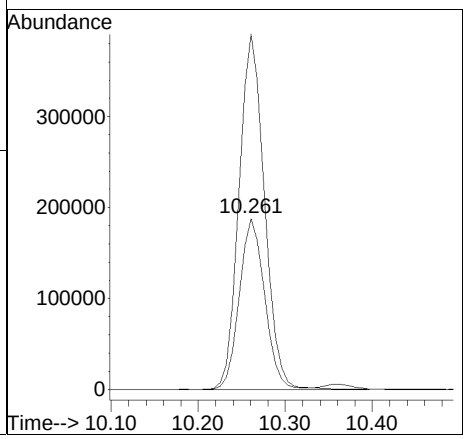


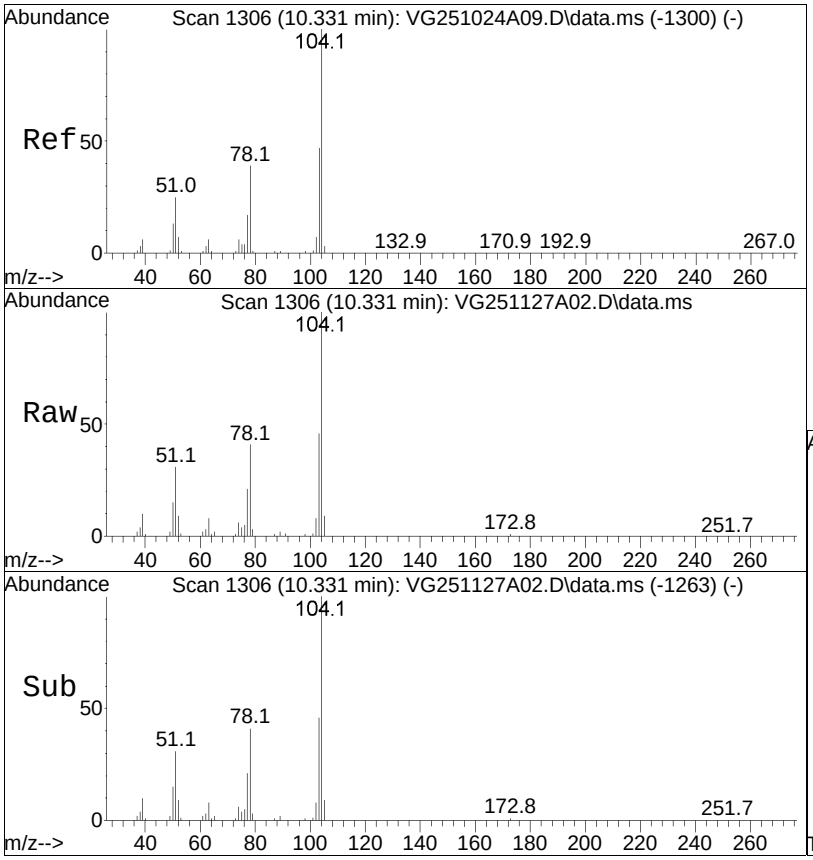


#77
o Xylene
Concen: 19.04 ug/L
RT: 10.261 min Scan# 1296
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:106 Resp: 382022

Ion	Ratio	Lower	Upper
106	100		
91	206.7	165.0	247.6

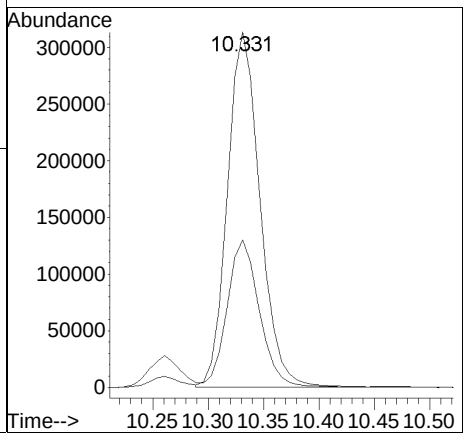


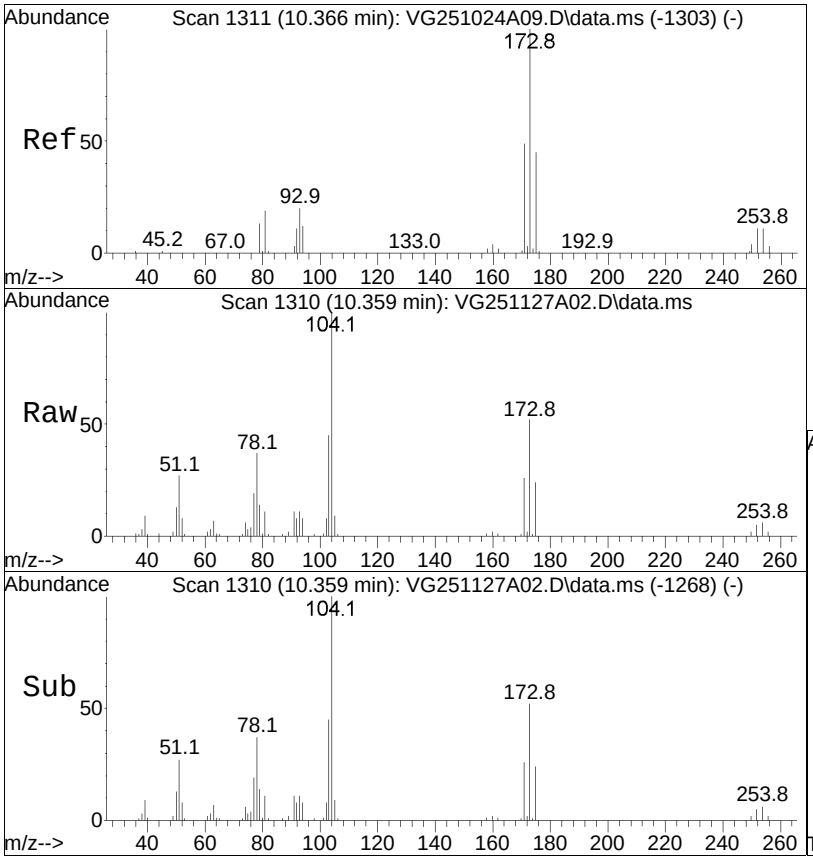


#78
Styrene
Concen: 19.59 ug/L
RT: 10.331 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:104 Resp: 640001

Ion	Ratio	Lower	Upper
104	100		
78	40.7	31.0	46.6

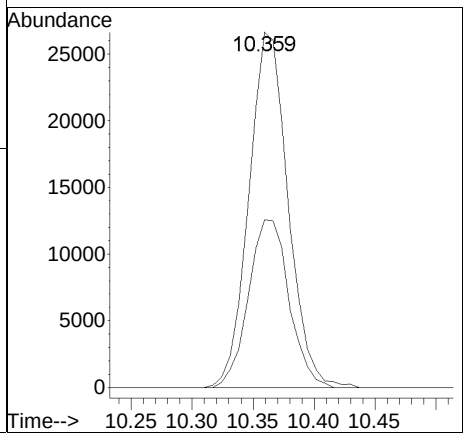


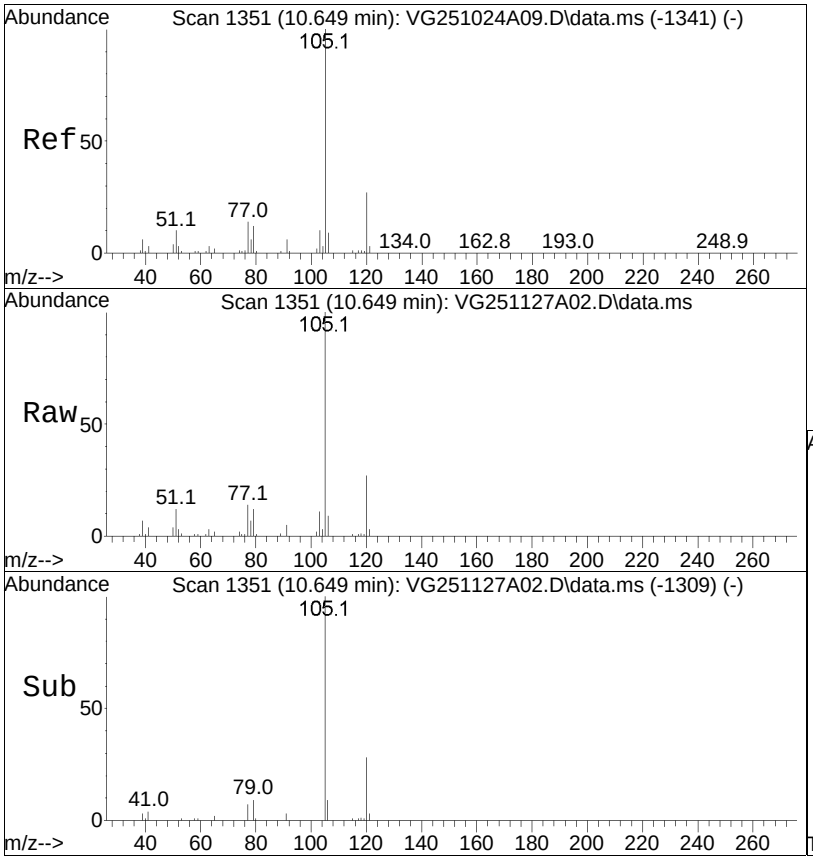


#80
Bromoform
Concen: 8.79 ug/L
RT: 10.359 min Scan# 1310
Delta R.T. -0.007 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:173 Resp: 59431

Ion	Ratio	Lower	Upper
173	100		
175	48.9	28.1	68.1

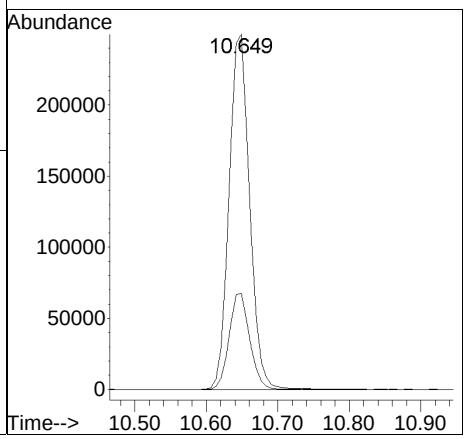


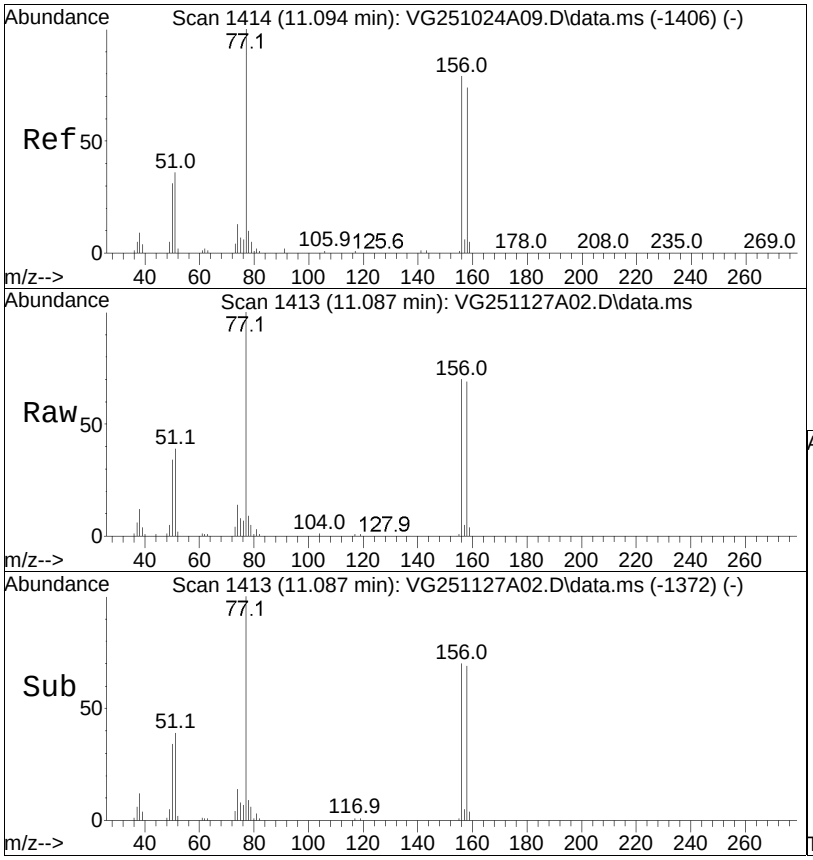


#82
Isopropylbenzene
Concen: 9.57 ug/L
RT: 10.649 min Scan# 1351
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:105 Resp: 499741

Ion	Ratio	Lower	Upper
105	100		
120	27.0	7.1	47.1

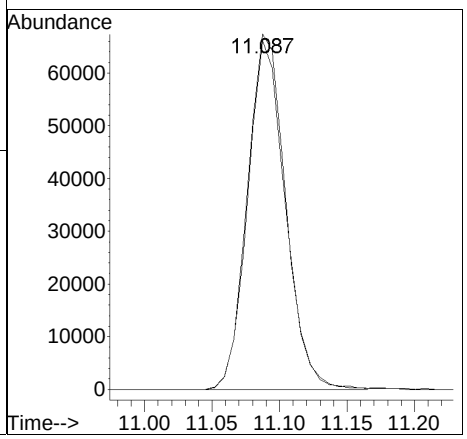


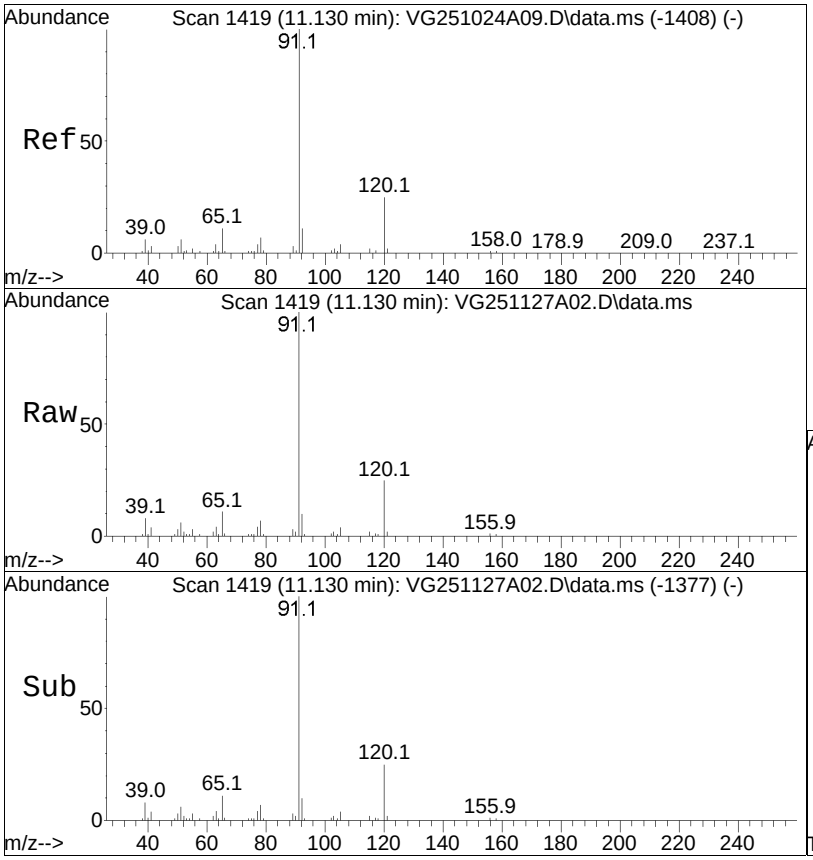


#84
Bromobenzene
Concen: 9.36 ug/L
RT: 11.087 min Scan# 1413
Delta R.T. -0.007 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:156 Resp: 132683

Ion	Ratio	Lower	Upper
156	100		
158	96.8	76.6	115.0

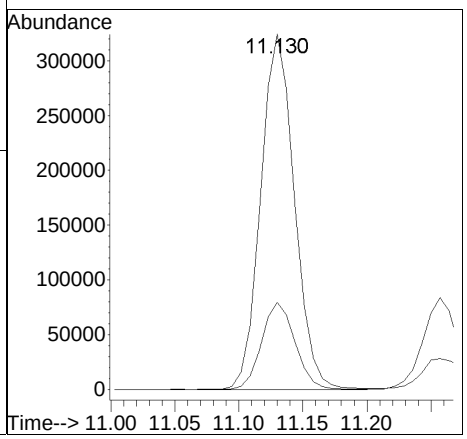


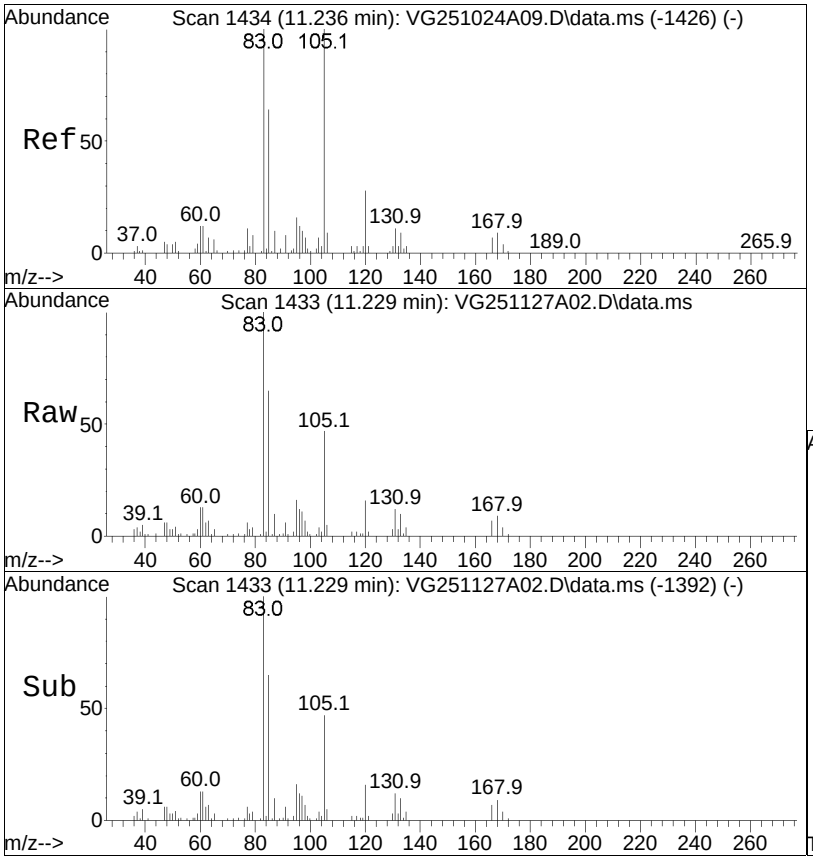


#85
n-Propylbenzene
Concen: 9.45 ug/L
RT: 11.130 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 91 Resp: 594153

Ion	Ratio	Lower	Upper
91	100		
120	24.2	19.3	28.9

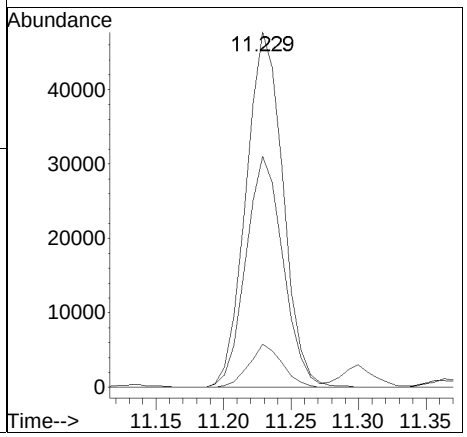


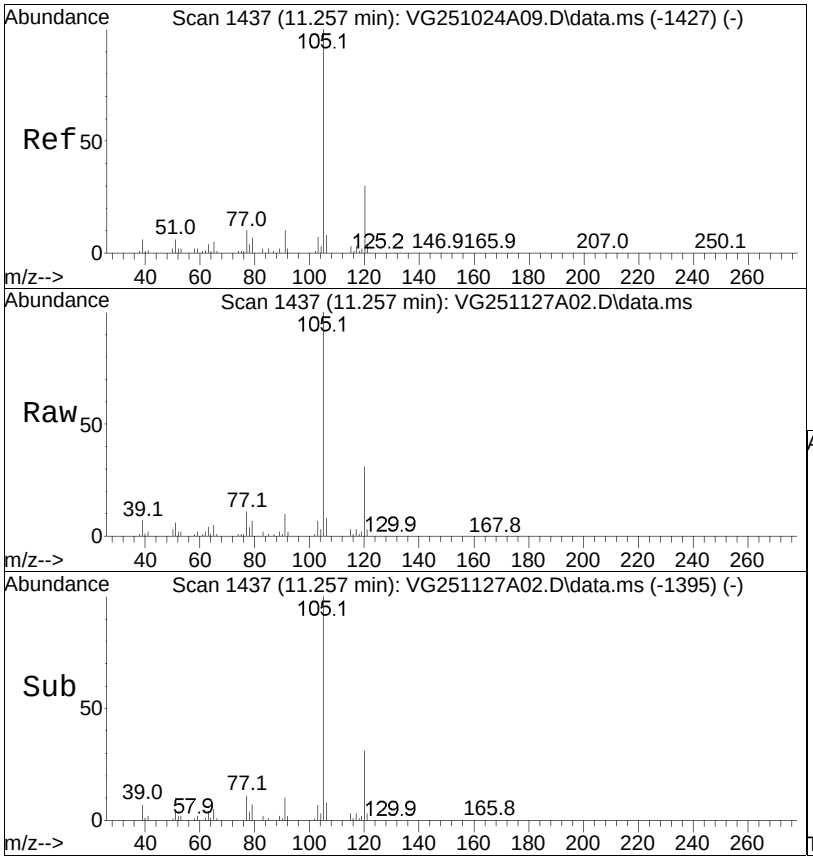


#87
1,1,2,2-Tetrachloroethane
Concen: 9.61 ug/L
RT: 11.229 min Scan# 1433
Delta R.T. -0.007 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 83 Resp: 91241

Ion	Ratio	Lower	Upper
83	100		
131	11.0	0.0	31.0
85	65.2	44.4	84.4

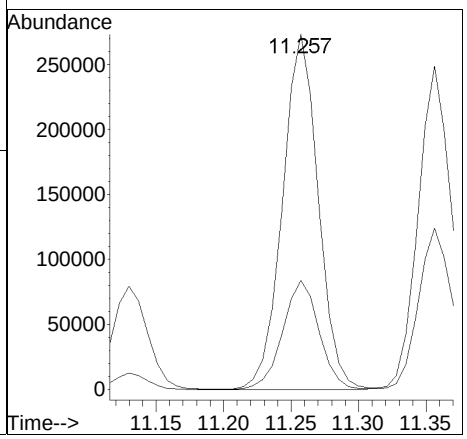


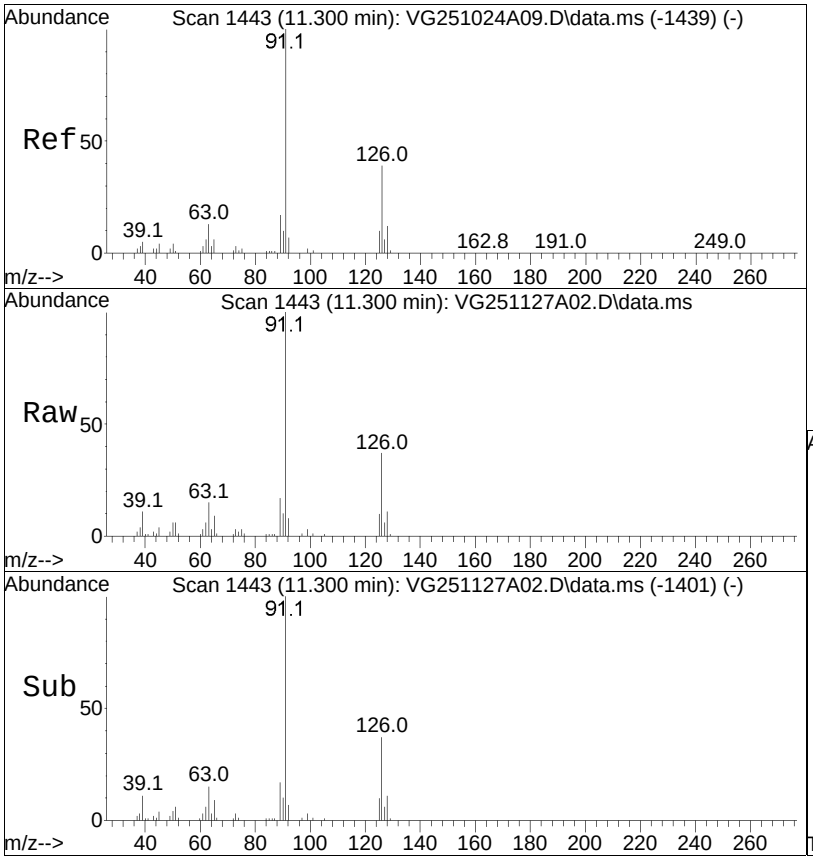


#88
4-Ethyltoluene
Concen: 9.57 ug/L
RT: 11.257 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:105 Resp: 502176

Ion	Ratio	Lower	Upper
105	100		
120	31.1	19.8	41.0

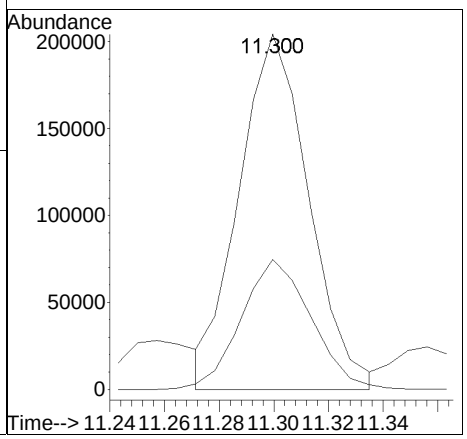


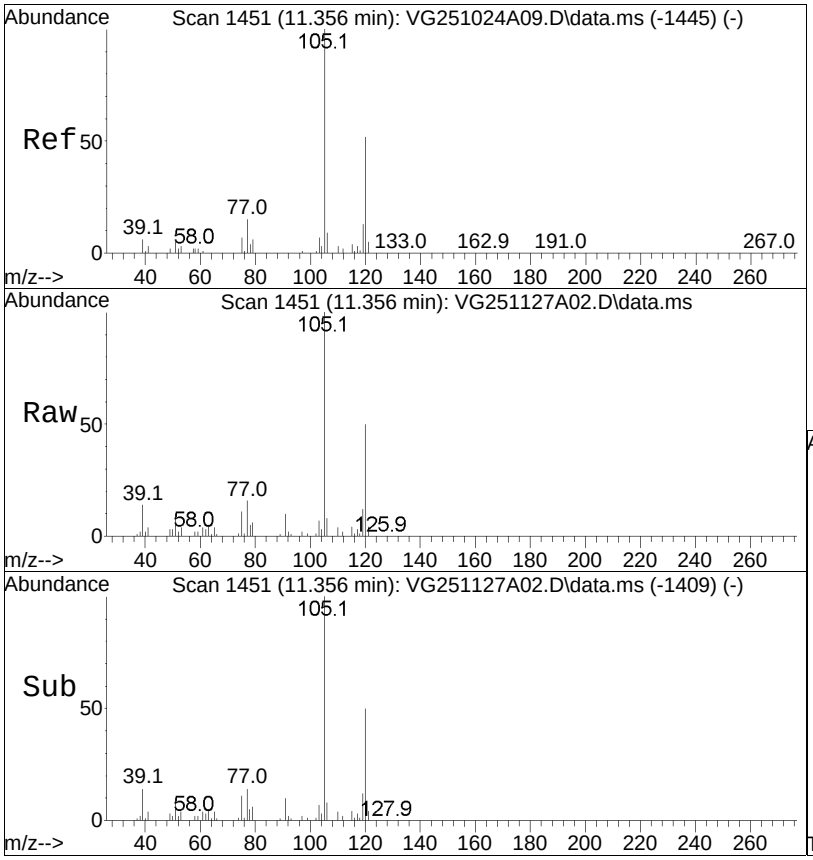


#89
2-Chlorotoluene
Concen: 9.32 ug/L M6
RT: 11.300 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 91 Resp: 362776

Ion	Ratio	Lower	Upper
91	100		
126	36.7	29.0	43.4

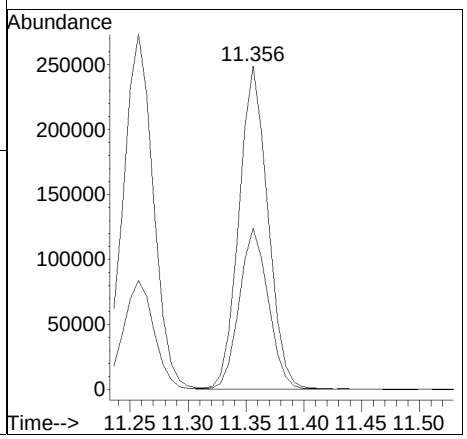


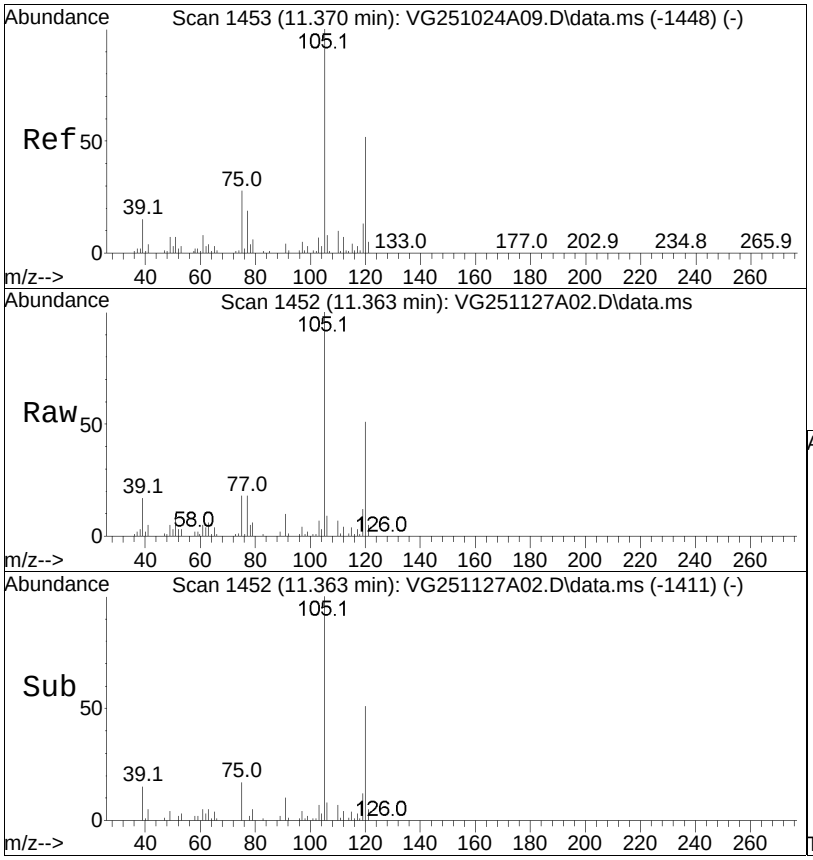


#90
1,3,5-Trimethylbenzene
Concen: 9.41 ug/L
RT: 11.356 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:105 Resp: 432144

Ion	Ratio	Lower	Upper
105	100		
120	50.0	40.6	61.0

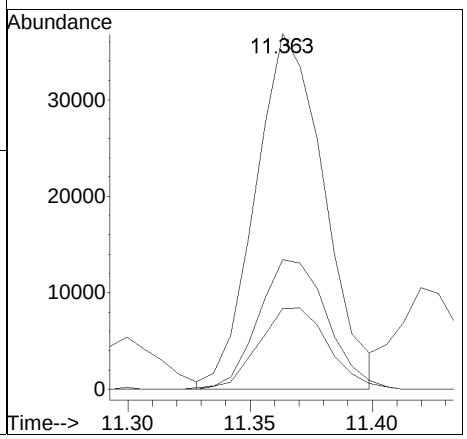


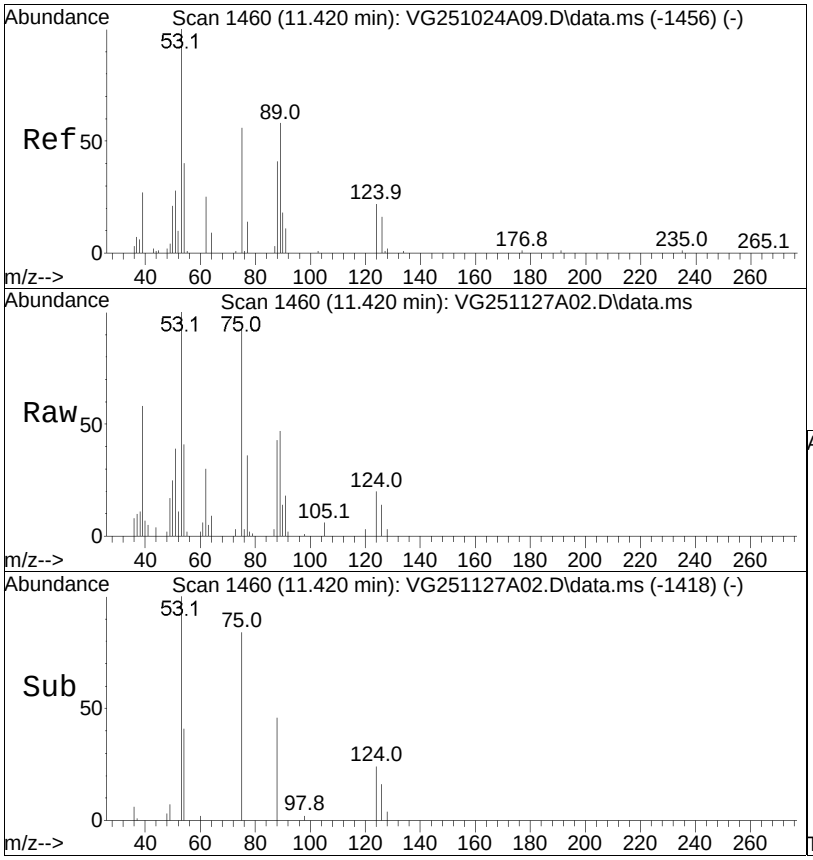


#91
1,2,3-Trichloropropane
Concen: 9.14 ug/L M4
RT: 11.363 min Scan# 1452
Delta R.T. -0.007 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 75 Resp: 72103

Ion	Ratio	Lower	Upper
75	100		
110	36.5	23.5	48.9
112	23.2	15.5	32.1

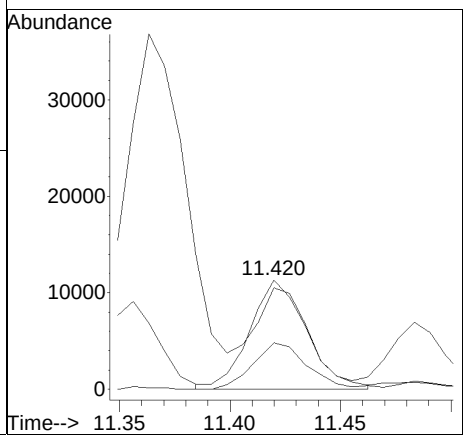


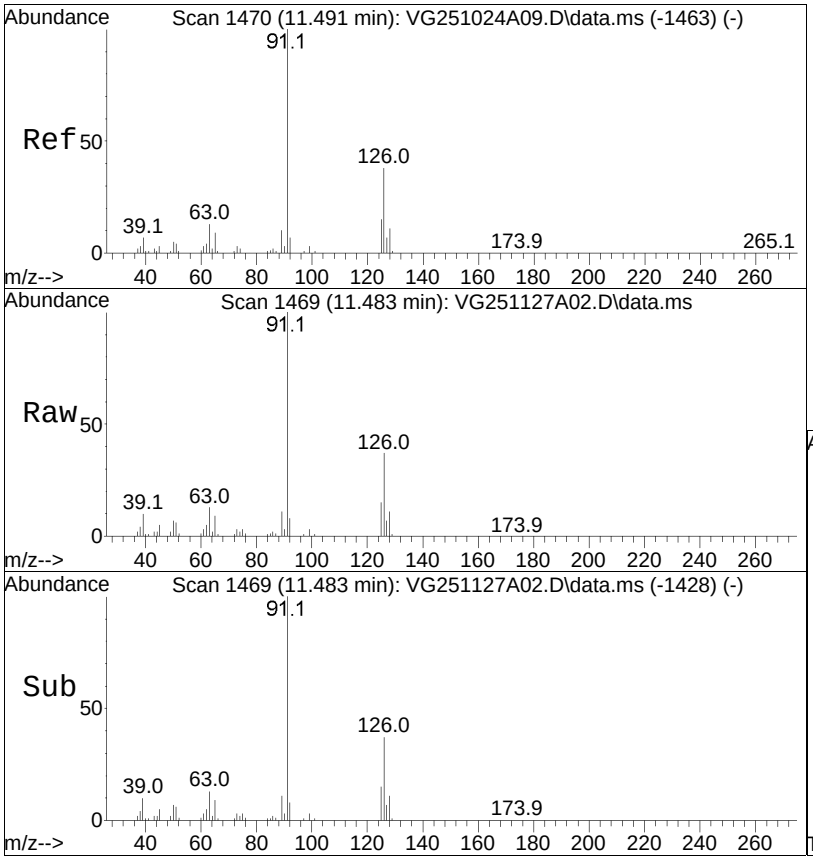


#92
trans-1,4-Dichloro-2-butene
Concen: 7.26 ug/L
RT: 11.420 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 53 Resp: 20286

Ion	Ratio	Lower	Upper
53	100		
88	41.9	36.2	54.2
75	92.3	85.4	128.0

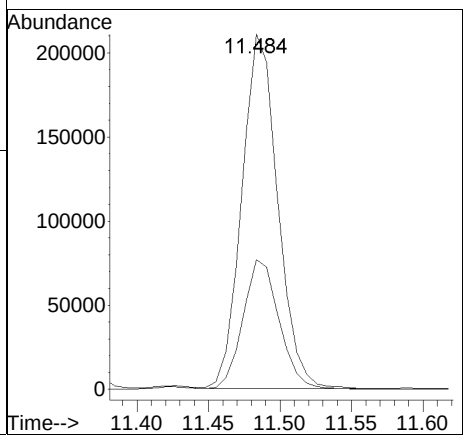


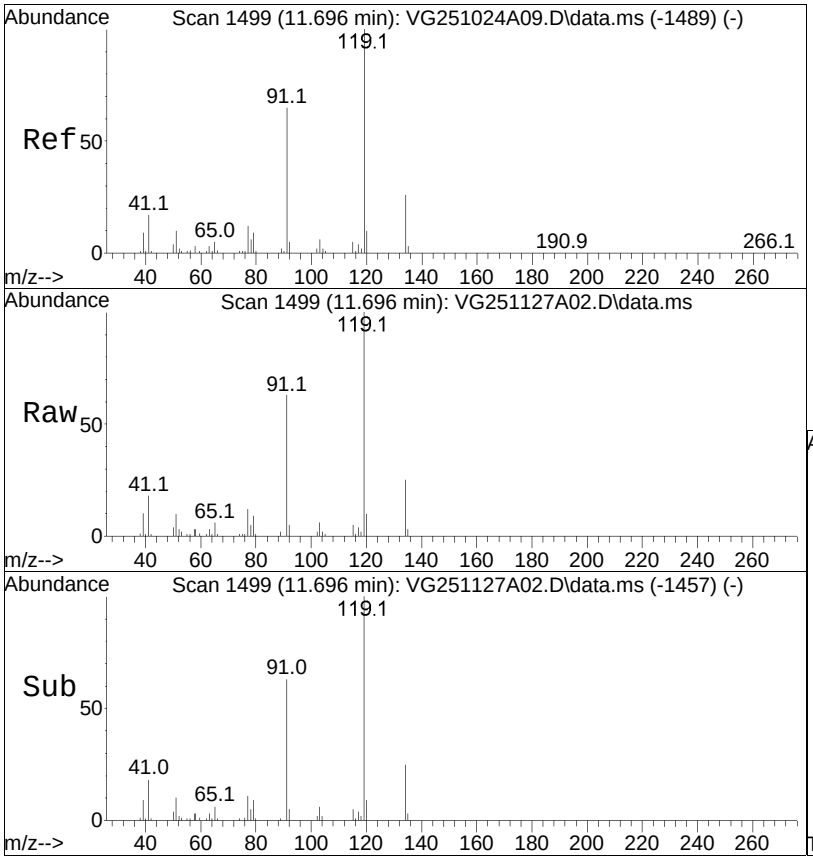


#93
4-Chlorotoluene
Concen: 9.24 ug/L
RT: 11.483 min Scan# 1469
Delta R.T. -0.008 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 91 Resp: 367934

Ion	Ratio	Lower	Upper
91	100		
126	37.2	29.8	44.8

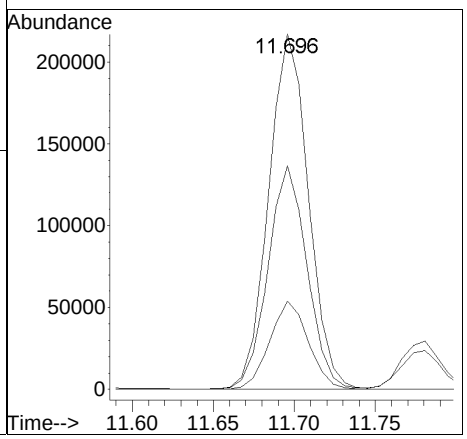


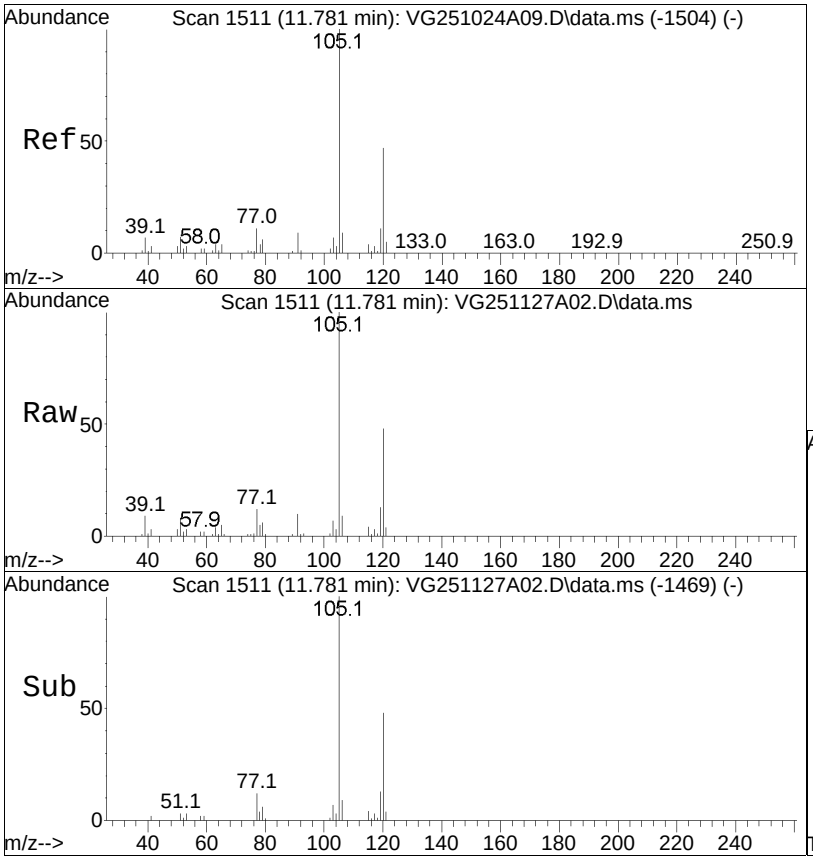


#94
tert-Butylbenzene
Concen: 9.42 ug/L
RT: 11.696 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:119 Resp: 371131

Ion	Ratio	Lower	Upper
119	100		
91	61.6	50.4	75.6
134	24.1	20.6	30.8

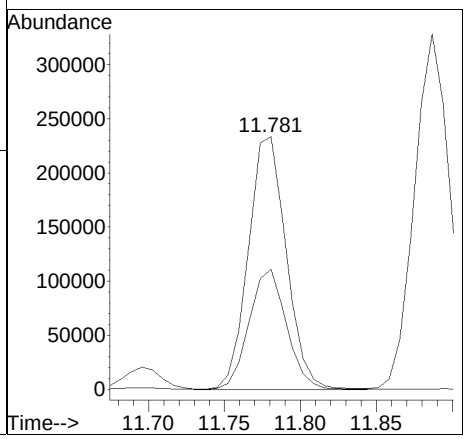


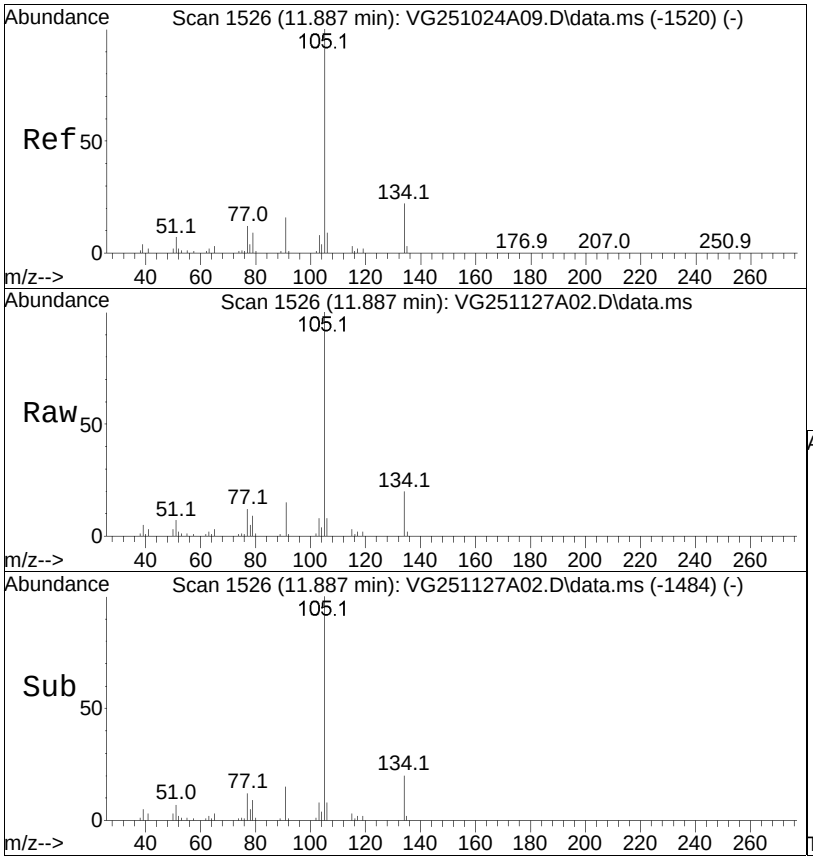


#97
1,2,4-Trimethylbenzene
Concen: 9.50 ug/L
RT: 11.781 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:105 Resp: 405620

Ion	Ratio	Lower	Upper
105	100		
120	46.6	37.9	56.9

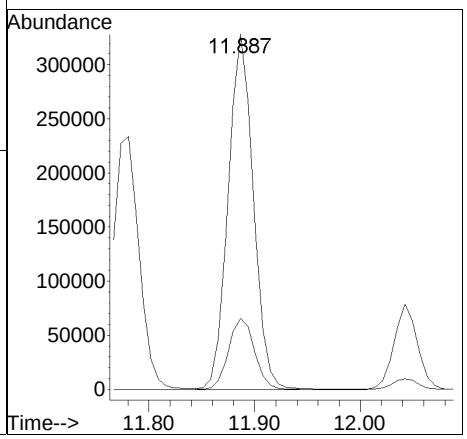


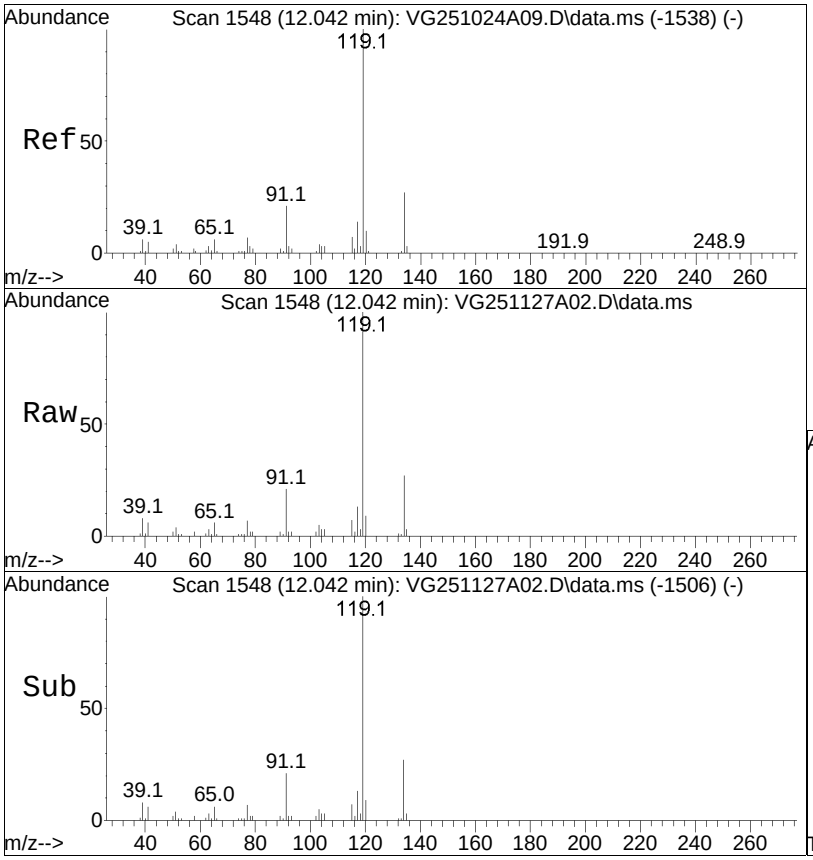


#98
sec-Butylbenzene
Concen: 9.65 ug/L
RT: 11.887 min Scan# 1526
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:105 Resp: 544472

Ion	Ratio	Lower	Upper
105	100		
134	20.6	13.9	28.9

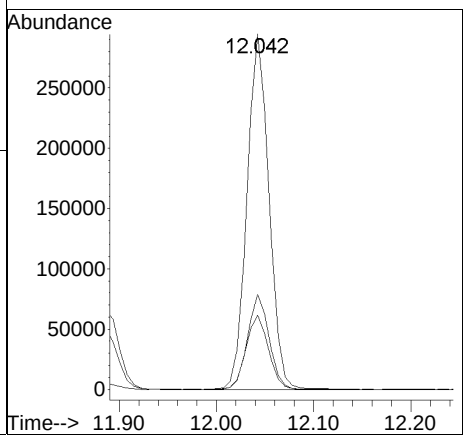


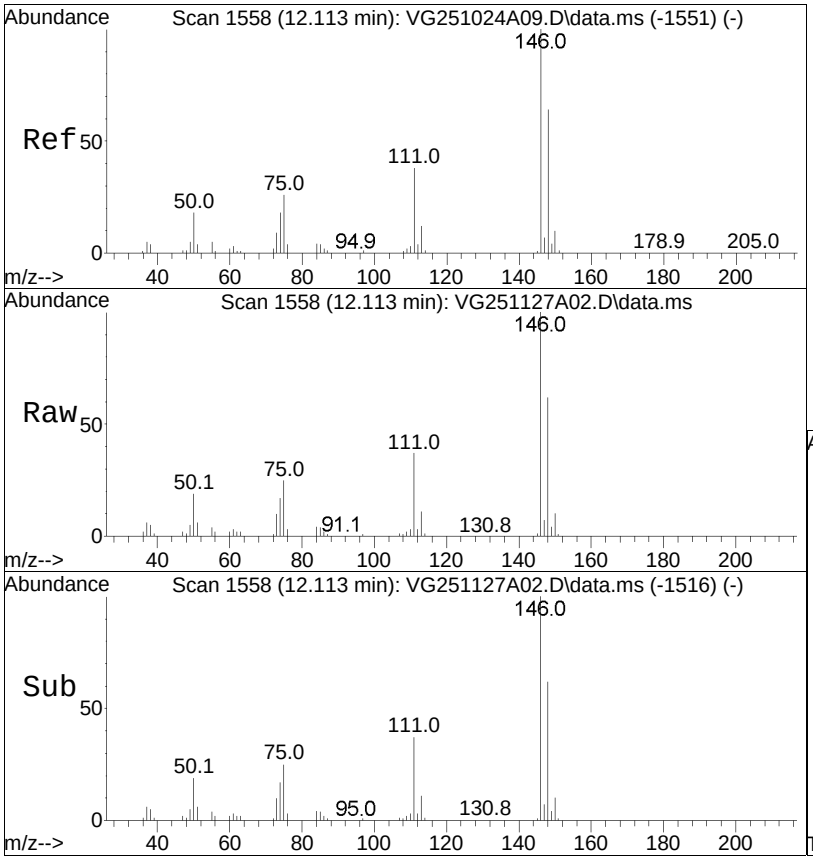


#99
p-Isopropyltoluene
Concen: 8.75 ug/L
RT: 12.042 min Scan# 1548
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:119 Resp: 464026

Ion	Ratio	Lower	Upper
119	100		
134	26.2	17.9	37.1
91	21.4	14.1	29.3

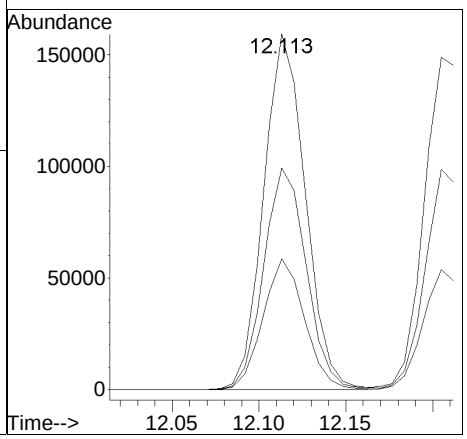


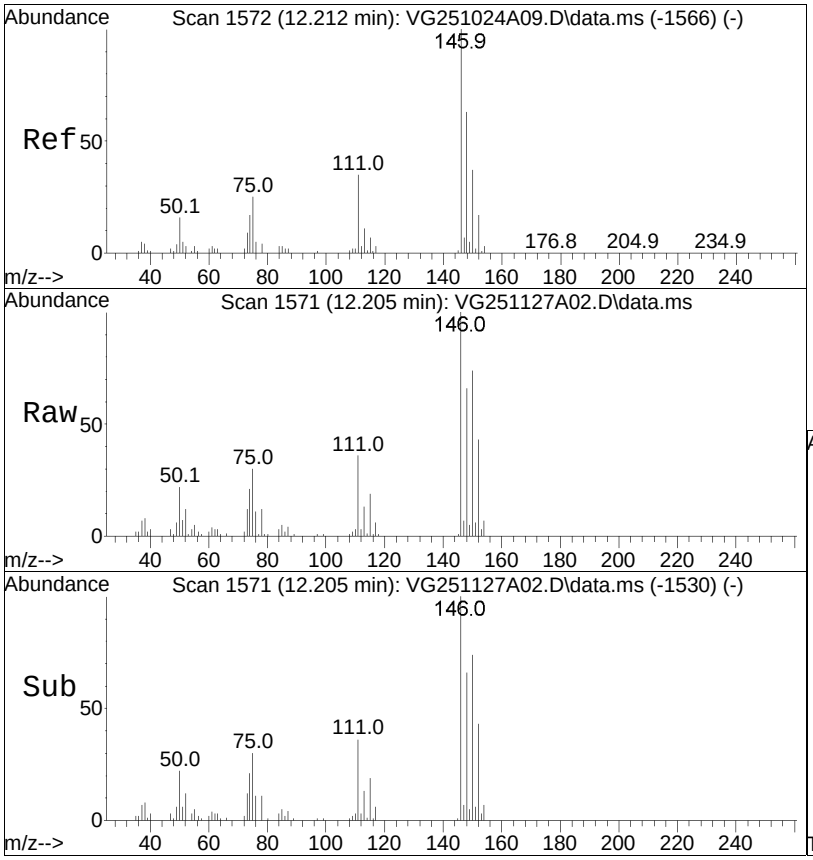


#100
1,3-Dichlorobenzene
Concen: 9.45 ug/L
RT: 12.113 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:146 Resp: 265285

Ion	Ratio	Lower	Upper
146	100		
111	36.6	24.2	50.2
148	63.8	41.5	86.1

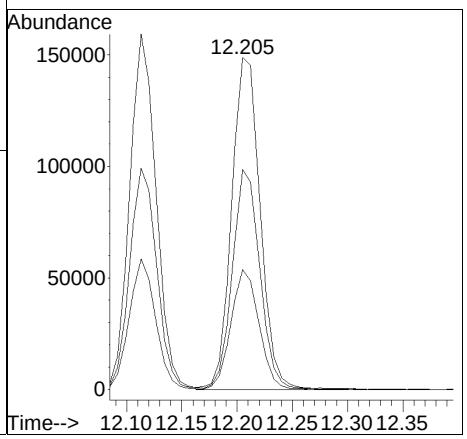


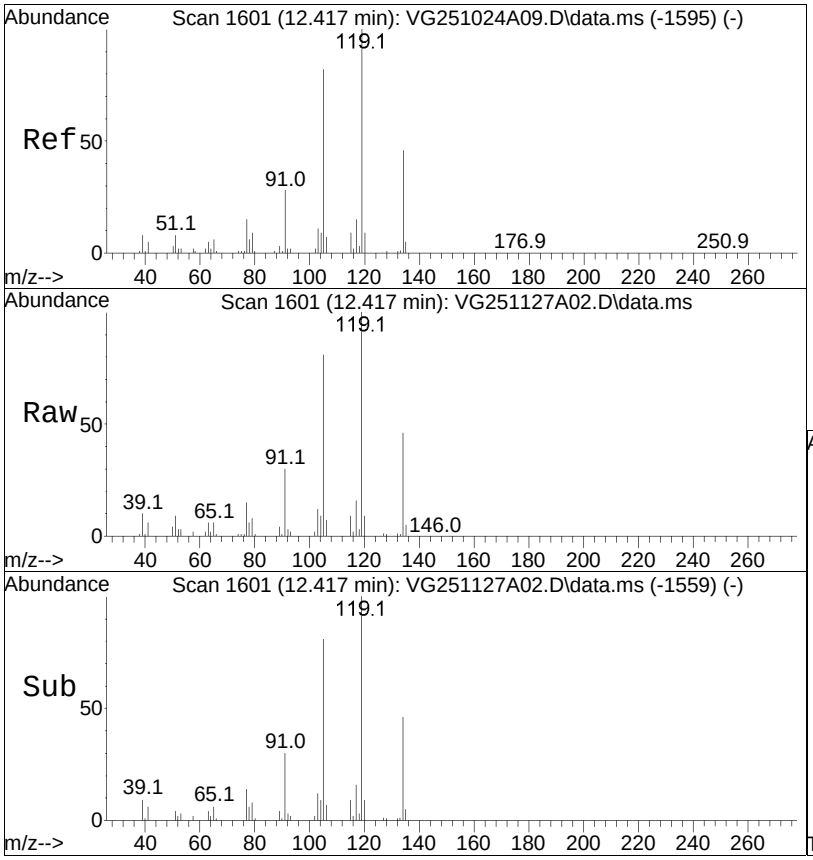


#101
1,4-Dichlorobenzene
Concen: 9.46 ug/L
RT: 12.205 min Scan# 1571
Delta R.T. -0.007 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:146 Resp: 267151

Ion	Ratio	Lower	Upper
146	100		
111	35.5	29.0	43.6
148	63.5	52.0	78.0

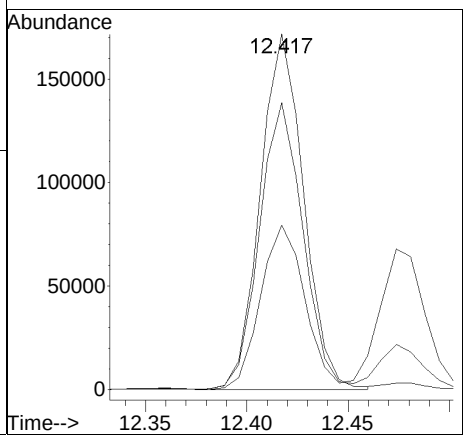


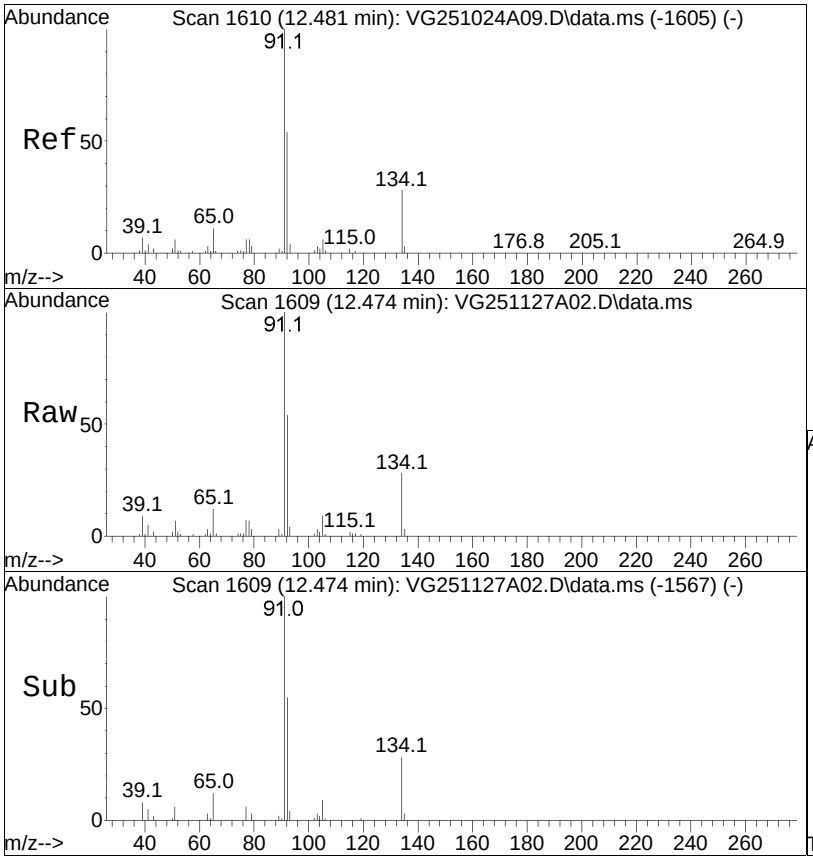


#102
p-Diethylbenzene
Concen: 8.64 ug/L
RT: 12.417 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:119 Resp: 255547

Ion	Ratio	Lower	Upper
119	100		
105	80.8	53.2	110.4
134	47.2	31.7	65.7

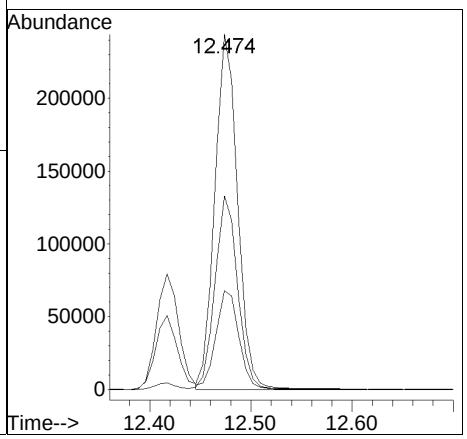


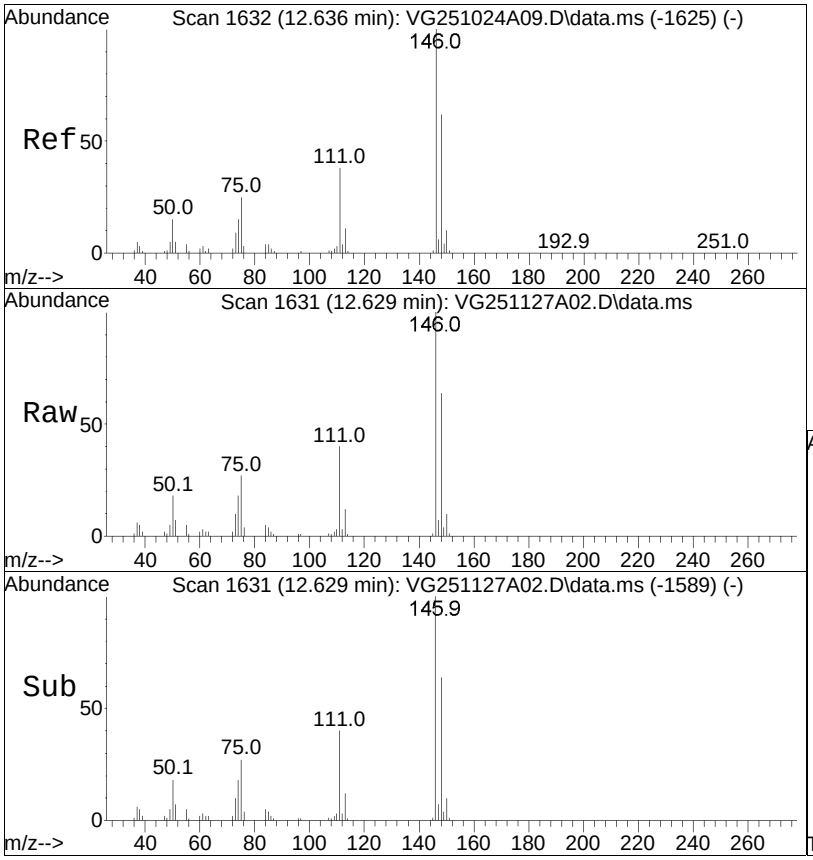


#103
n-Butylbenzene
Concen: 8.89 ug/L
RT: 12.474 min Scan# 1609
Delta R.T. -0.007 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion: 91 Resp: 381847

Ion	Ratio	Lower	Upper
91	100		
92	54.1	43.0	64.4
134	28.0	22.6	33.8

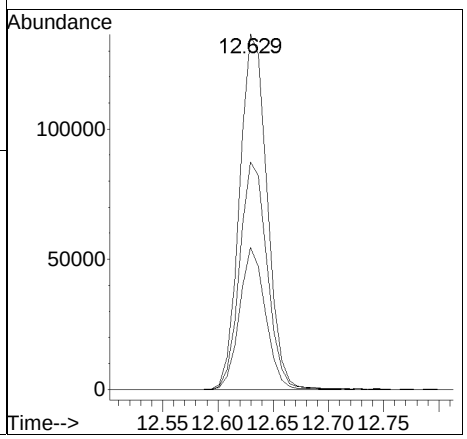


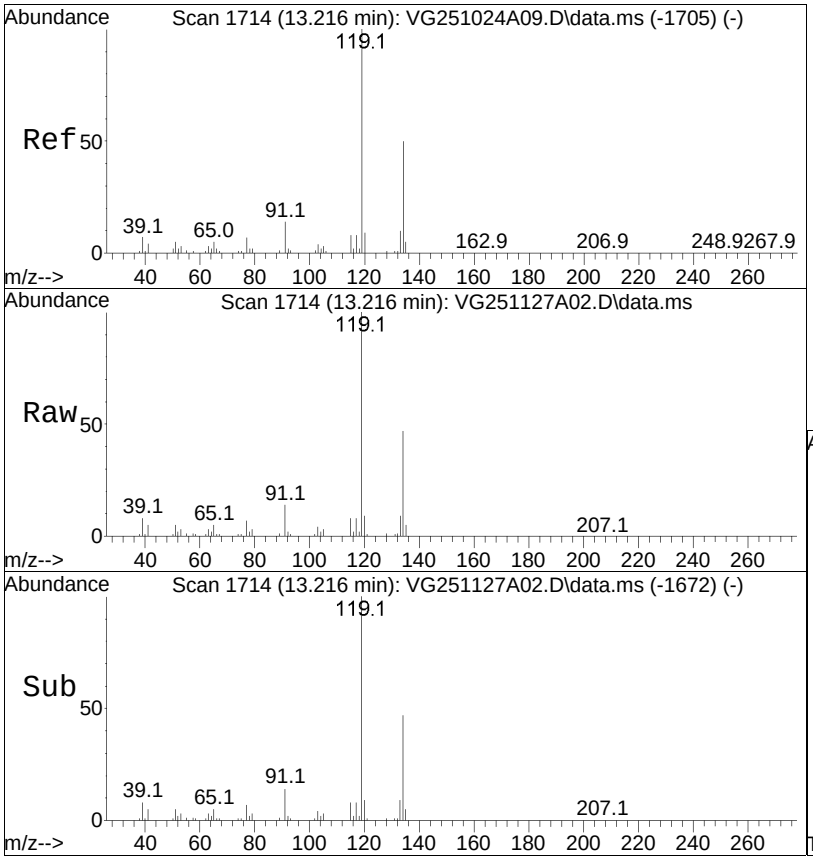


#104
1,2-Dichlorobenzene
Concen: 9.47 ug/L
RT: 12.629 min Scan# 1631
Delta R.T. -0.007 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:146 Resp: 236259

Ion	Ratio	Lower	Upper
146	100		
111	37.7	24.5	50.9
148	63.7	40.4	83.8

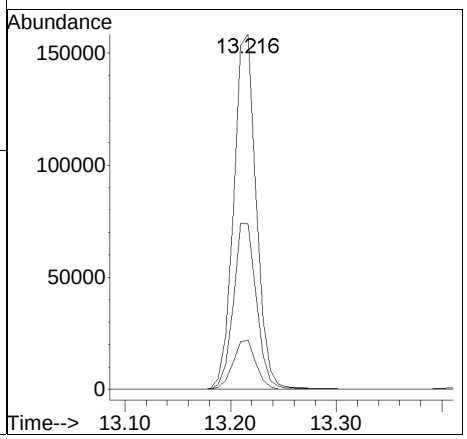


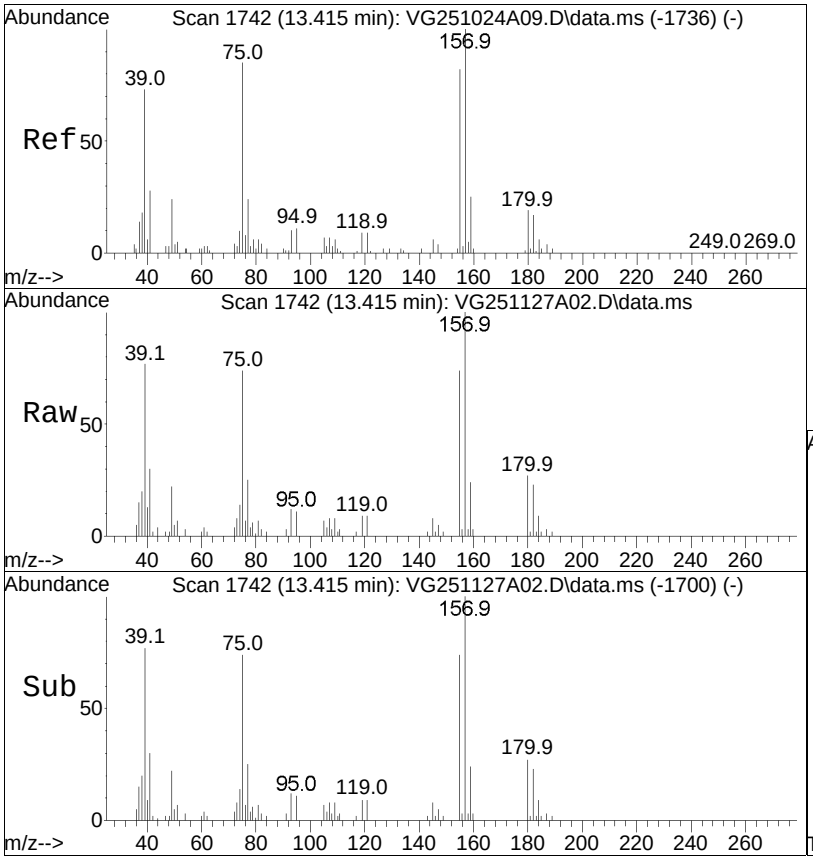


#105
1,2,4,5-Tetramethylbenzene
Concen: 7.57 ug/L
RT: 13.216 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:119 Resp: 236184

Ion	Ratio	Lower	Upper
119	100		
134	47.7	32.4	67.2
91	14.1	9.5	19.7

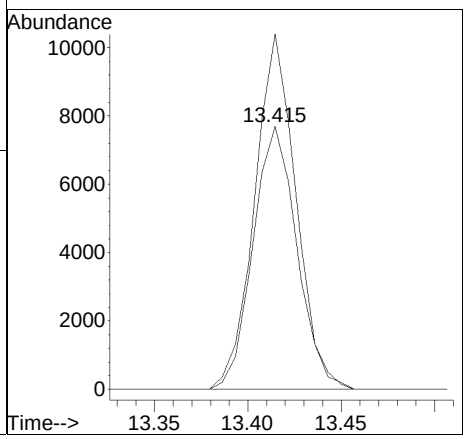


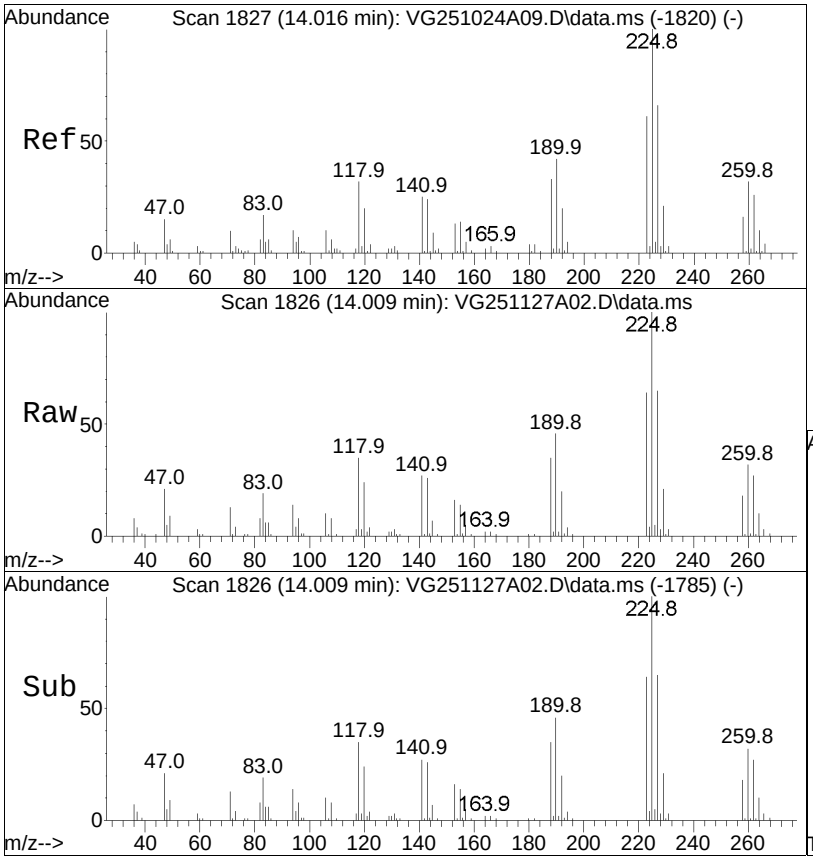


#106
1,2-Dibromo-3-chloropropane
Concen: 8.87 ug/L
RT: 13.415 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:155 Resp: 12574

Ion	Ratio	Lower	Upper
155	100		
157	127.0	100.1	150.1

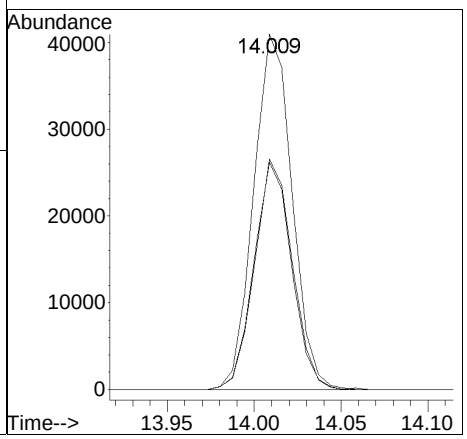


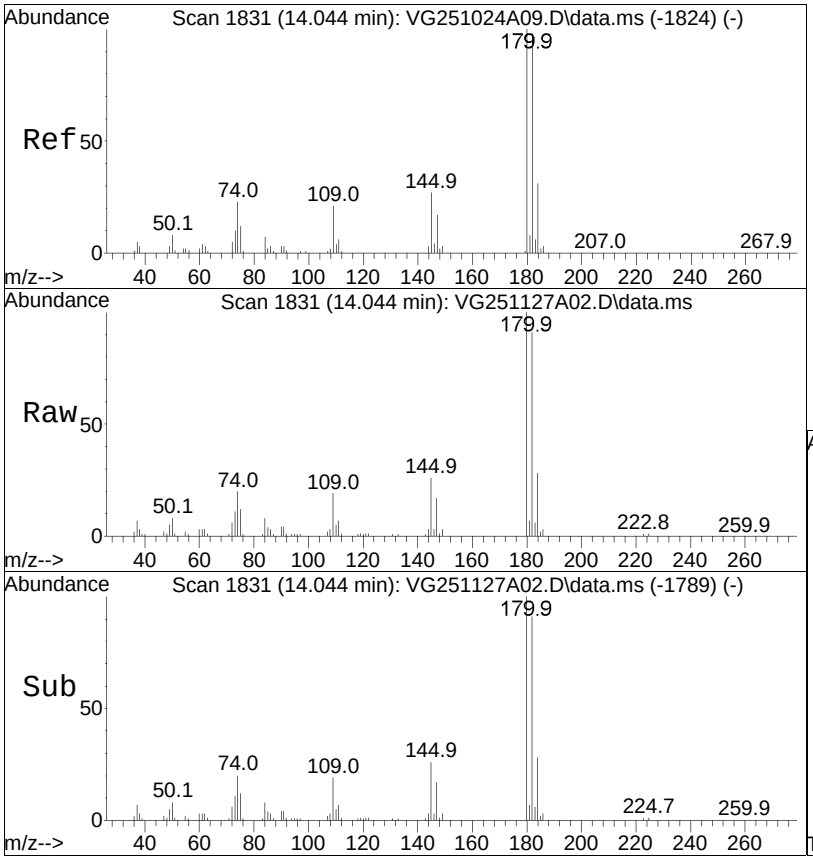


#108
Hexachlorobutadiene
Concen: 9.87 ug/L
RT: 14.009 min Scan# 1826
Delta R.T. -0.007 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:225 Resp: 63000

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.4	75.6
227	63.6	53.3	79.9

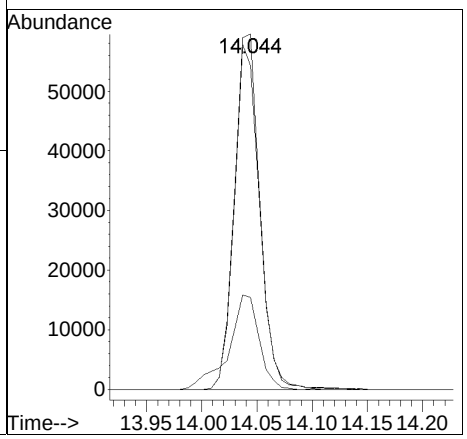


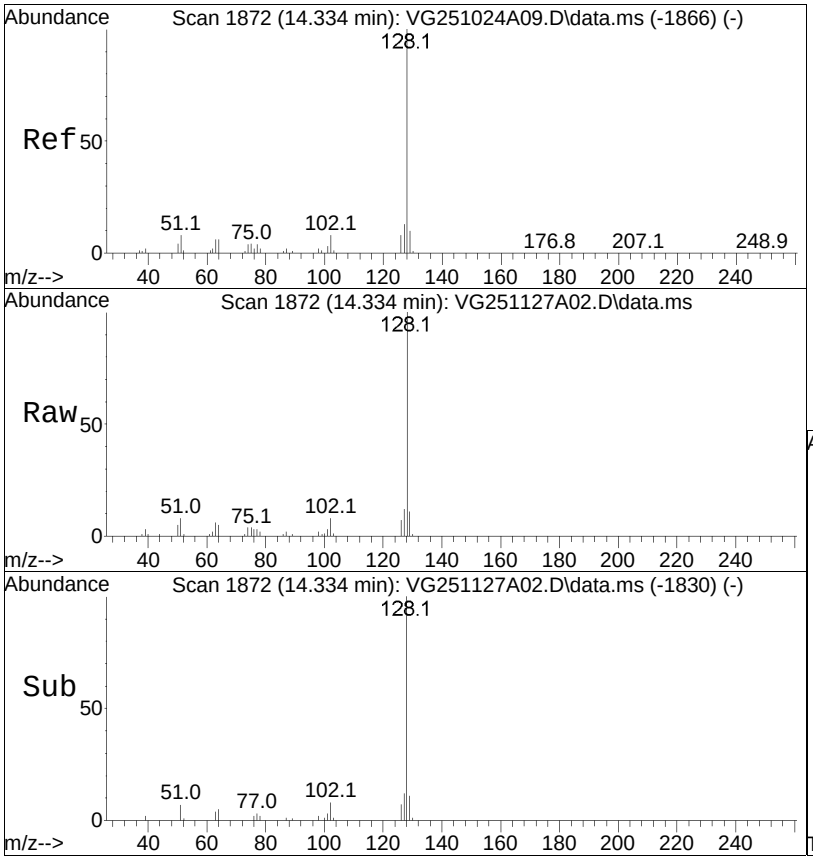


#109
1,2,4-Trichlorobenzene
Concen: 9.11 ug/L
RT: 14.044 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:180 Resp: 95975

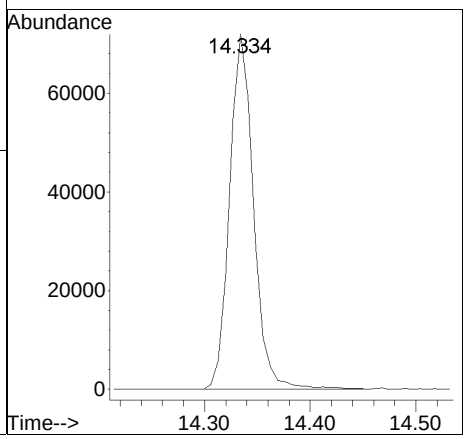
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	31.6	26.2	39.2

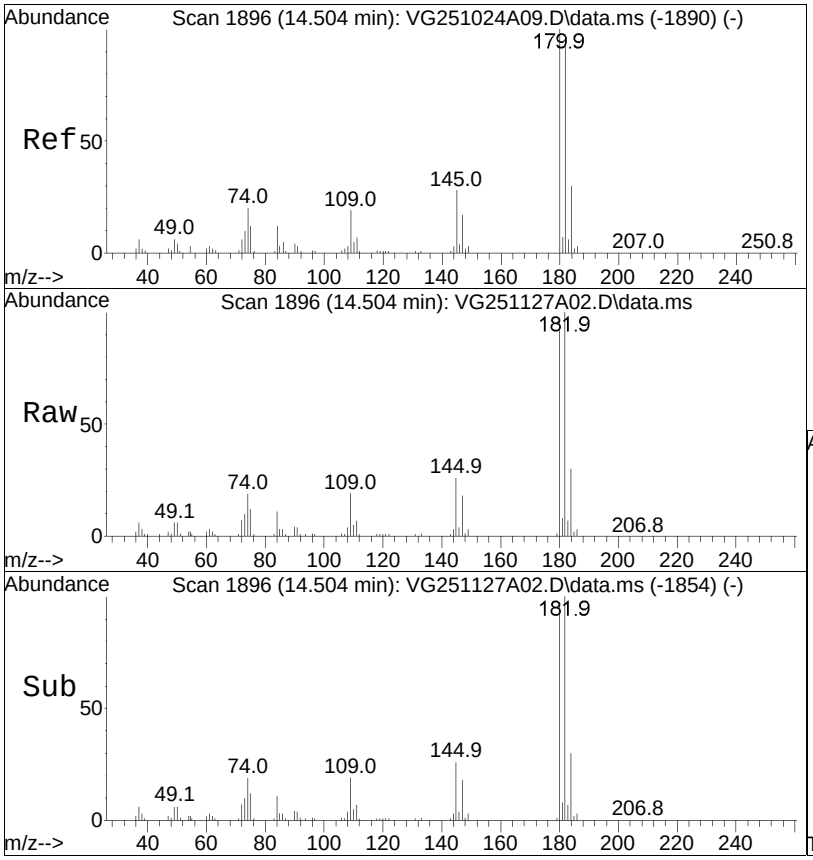




#110
Naphthalene
Concen: 8.51 ug/L
RT: 14.334 min Scan# 1872
Delta R.T. 0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:128 Resp: 113938

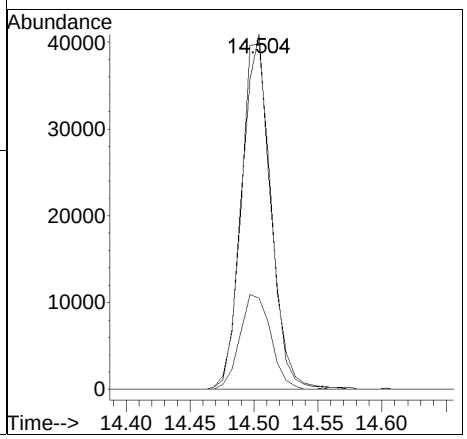




#111
1,2,3-Trichlorobenzene
Concen: 8.96 ug/L
RT: 14.504 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VG251127A02.D
Acq: 27 Nov 2025 4:37 am

Tgt Ion:180 Resp: 65551

Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.3	114.5
145	28.0	23.8	35.8

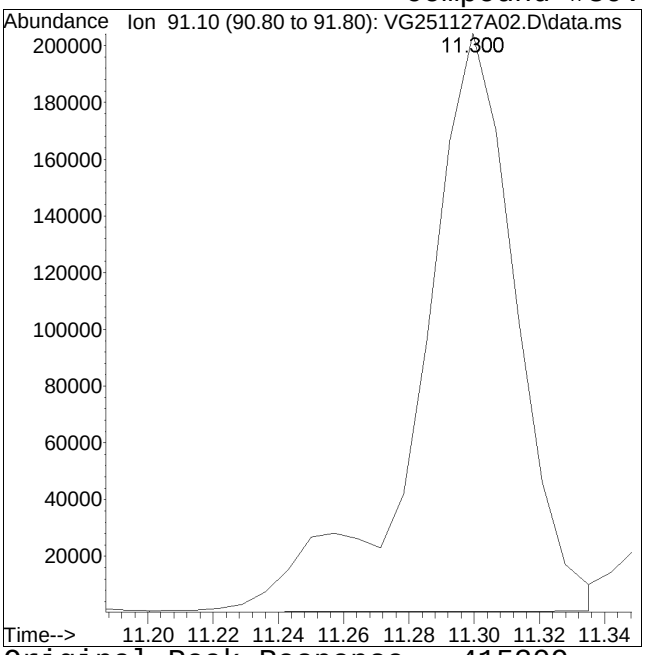


Manual Integration Report

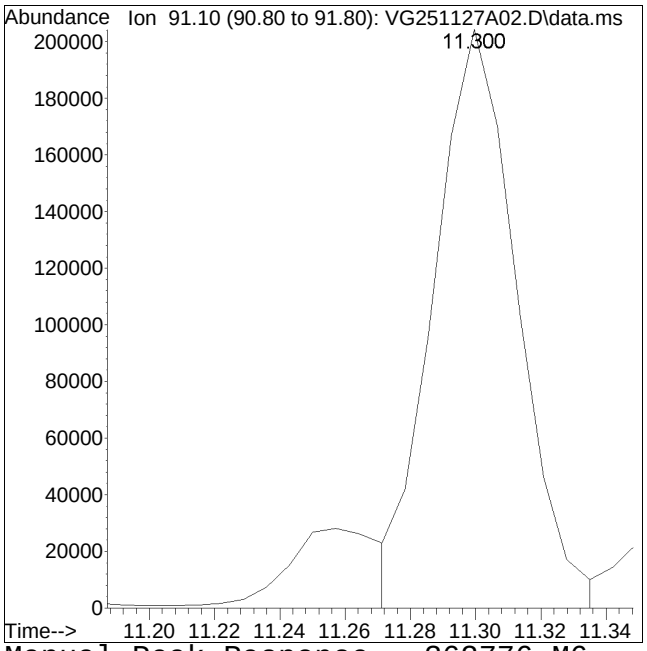
Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A02.D
Date Inj'd : 11/27/2025 4:37 am
Sample : WG2147438-4,31,10,10

QMethod : G_251024A_8260.m
Operator : GONZO:PID
Instrument : Gonzo
Quant Date : 11/27/2025 5:08 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 415309



Manual Peak Response = 362776 M6

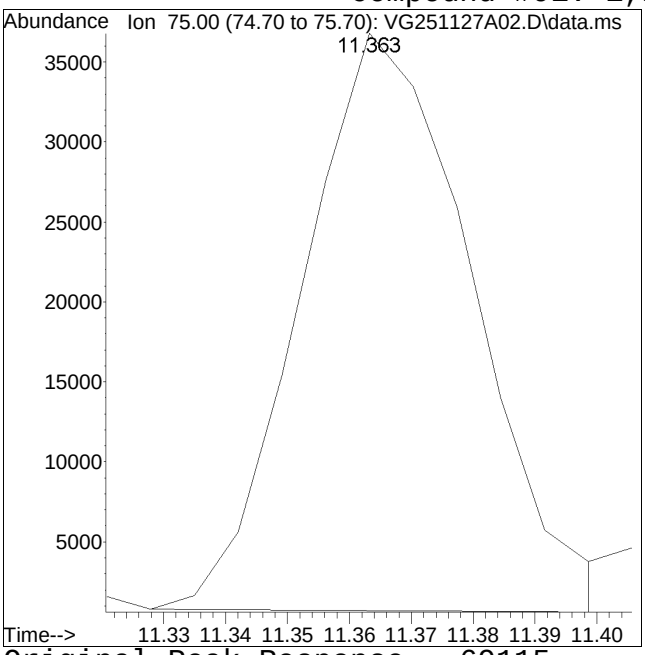
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

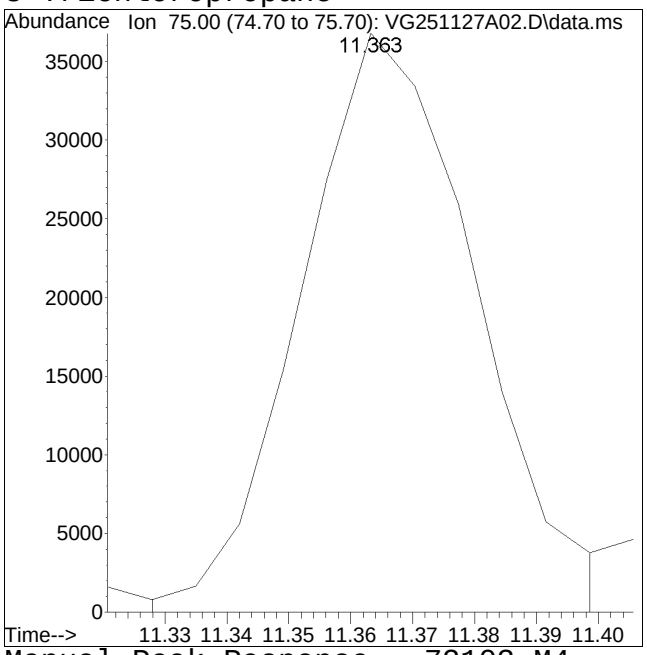
Data Path : K:\Gonzo\2025\251127A\
Data File : VG251127A02.D
Date Inj'd : 11/27/2025 4:37 am
Sample : WG2147438-4,31,10,10

QMethod : G_251024A_8260.m
Operator : GONZO:PID
Instrument : Gonzo
Quant Date : 11/27/2025 5:08 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 69115



Manual Peak Response = 72103 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A02.D
Acq On : 28 Nov 2025 08:42 am
Operator : VOA123:AJK
Sample : WG2148010-4,31h,15,15,0.1
Misc : WG2148010,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 28 09:07:52 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251128A\V23251128A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.517	96	200866	20.000	ug/L	0.00
Standard Area 1 = 207853			Recovery = 96.64%			
59) Chlorobenzene-d5	8.989	117	148877	20.000	ug/L	0.00
Standard Area 1 = 151031			Recovery = 98.57%			
79) 1,4-Dichlorobenzene-d4	11.803	152	84659	20.000	ug/L	0.00
Standard Area 1 = 87472			Recovery = 96.78%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.731	113	50302	19.881	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.41%			
43) 1,2-Dichloroethane-d4	5.241	65	48207	18.614	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.07%			
60) Toluene-d8	7.174	98	189800	18.852	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.26%			
83) 4-Bromofluorobenzene	10.537	95	69785	18.438	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.19%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	118354M1	53.495	ug/L	
3) Chloromethane	1.664	50	116287	48.325	ug/L	98
4) Vinyl chloride	1.691	62	134533M1	51.507	ug/L	
5) Bromomethane	1.962	94	110957	66.414	ug/L	100
6) Chloroethane	2.071	64	93227	51.499	ug/L	94
7) Trichlorofluoromethane	2.193	101	193283	48.922	ug/L	94
8) Ethyl ether	2.453	74	57988	43.893	ug/L	90
10) 1,1-Dichloroethene	2.628	96	97049	46.429	ug/L	91
11) Carbon disulfide	2.656	76	338132	43.909	ug/L	97
15) Methylene chloride	3.130	84	114163	42.073	ug/L	91
17) Acetone	3.172	43	24176	36.360	ug/L	91
18) trans-1,2-Dichloroethene	3.275	96	110807	45.346	ug/L	95
20) Methyl tert-butyl ether	3.365	73	292018	41.907	ug/L	94
23) 1,1-Dichloroethane	3.819	63	204138	45.429	ug/L	99
25) Acrylonitrile	3.861	53	22270	41.119	ug/L #	89
27) Vinyl acetate	4.042	43	220775	42.483	ug/L #	94
28) cis-1,2-Dichloroethene	4.310	96	123010	43.923	ug/L	94
29) 2,2-Dichloropropane	4.408	77	172605	46.670	ug/L	91
30) Bromochloromethane	4.494	128	55937	44.724	ug/L	98
32) Chloroform	4.564	83	208938	38.016	ug/L	96

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A02.D
Acq On : 28 Nov 2025 08:42 am
Operator : VOA123:AJK
Sample : WG2148010-4,31h,15,15,0.1
Misc : WG2148010,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 28 09:07:52 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251128A\V23251128A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	4.695	117	163128	45.814	ug/L		100
37) 1,1,1-Trichloroethane	4.756	97	183918	48.402	ug/L		98
39) 2-Butanone	4.845	43	26727	35.036	ug/L	#	71
40) 1,1-Dichloropropene	4.876	75	148403	50.164	ug/L		100
41) Benzene	5.110	78	432891	46.231	ug/L		97
44) 1,2-Dichloroethane	5.303	62	148467	43.467	ug/L		98
48) Trichloroethene	5.693	95	120885	47.032	ug/L		100
50) Dibromomethane	6.120	93	64753	42.400	ug/L		97
51) 1,2-Dichloropropane	6.217	63	114379	44.374	ug/L		99
54) Bromodichloromethane	6.290	83	160018	44.215	ug/L		100
57) 1,4-Dioxane	6.510	88	32444M1	2170.552	ug/L		
58) cis-1,3-Dichloropropene	6.973	75	175712	44.131	ug/L	#	91
61) Toluene	7.230	92	277945	43.917	ug/L		98
62) 4-Methyl-2-pentanone	7.670	58	27878	41.373	ug/L		88
63) Tetrachloroethene	7.676	166	133623	49.082	ug/L		99
65) trans-1,3-Dichloropropene	7.712	75	155455	43.608	ug/L		98
68) 1,1,2-Trichloroethane	7.888	83	77106	42.419	ug/L		99
69) Chlorodibromomethane	8.094	129	118146	45.245	ug/L		96
70) 1,3-Dichloropropane	8.206	76	153542	42.782	ug/L		100
71) 1,2-Dibromoethane	8.359	107	89653	44.434	ug/L		99
72) 2-Hexanone	8.666	43	41577	34.375	ug/L		91
73) Chlorobenzene	9.012	112	321878	44.504	ug/L	#	86
74) Ethylbenzene	9.056	91	552225	44.078	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.098	131	118628	44.889	ug/L		99
76) p/m Xylene	9.243	106	430873	91.983	ug/L		99
77) o Xylene	9.784	106	418828	88.594	ug/L		99
78) Styrene	9.854	104	617667	77.539	ug/L		99
80) Bromoform	9.871	173	75696	41.192	ug/L		100
82) Isopropylbenzene	10.194	105	560208	44.143	ug/L		100
84) Bromobenzene	10.651	156	143567	41.965	ug/L		99
85) n-Propylbenzene	10.710	91	665088	44.024	ug/L		99
87) 1,1,2,2-Tetrachloroethane	10.802	83	113778	40.741	ug/L		100
88) 4-Ethyltoluene	10.841	105	558227	44.402	ug/L		100
89) 2-Chlorotoluene	10.877	91	392146	41.570	ug/L		98
90) 1,3,5-Trimethylbenzene	10.950	105	479854	43.028	ug/L		99
91) 1,2,3-Trichloropropane	10.941	75	87050	39.428	ug/L		98
92) trans-1,4-Dichloro-2-b...	11.006	53	28787	36.896	ug/L		85
93) 4-Chlorotoluene	11.073	91	407171	42.471	ug/L		98
94) tert-Butylbenzene	11.301	119	409132	43.816	ug/L		100

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A02.D
Acq On : 28 Nov 2025 08:42 am
Operator : VOA123:AJK
Sample : WG2148010-4,31h,15,15,0.1
Misc : WG2148010,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 28 09:07:52 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251128A\V23251128A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.385	105	479474	43.257	ug/L	99
98) sec-Butylbenzene	11.499	105	628007	44.959	ug/L	100
99) p-Isopropyltoluene	11.664	119	545750	45.112	ug/L	99
100) 1,3-Dichlorobenzene	11.719	146	285845	44.195	ug/L	99
101) 1,4-Dichlorobenzene	11.817	146	285766	43.124	ug/L	99
102) p-Diethylbenzene	12.049	119	327909	45.780	ug/L	99
103) n-Butylbenzene	12.107	91	516414	47.586	ug/L	98
104) 1,2-Dichlorobenzene	12.249	146	264361	43.604	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.863	119	516252	44.265	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.044	155	16705	39.096	ug/L	98
108) Hexachlorobutadiene	13.669	225	116851	47.112	ug/L	99
109) 1,2,4-Trichlorobenzene	13.688	180	200246	45.832	ug/L	100
110) Naphthalene	13.978	128	346482	41.379	ug/L	100
111) 1,2,3-Trichlorobenzene	14.148	180	171566	45.859	ug/L	99

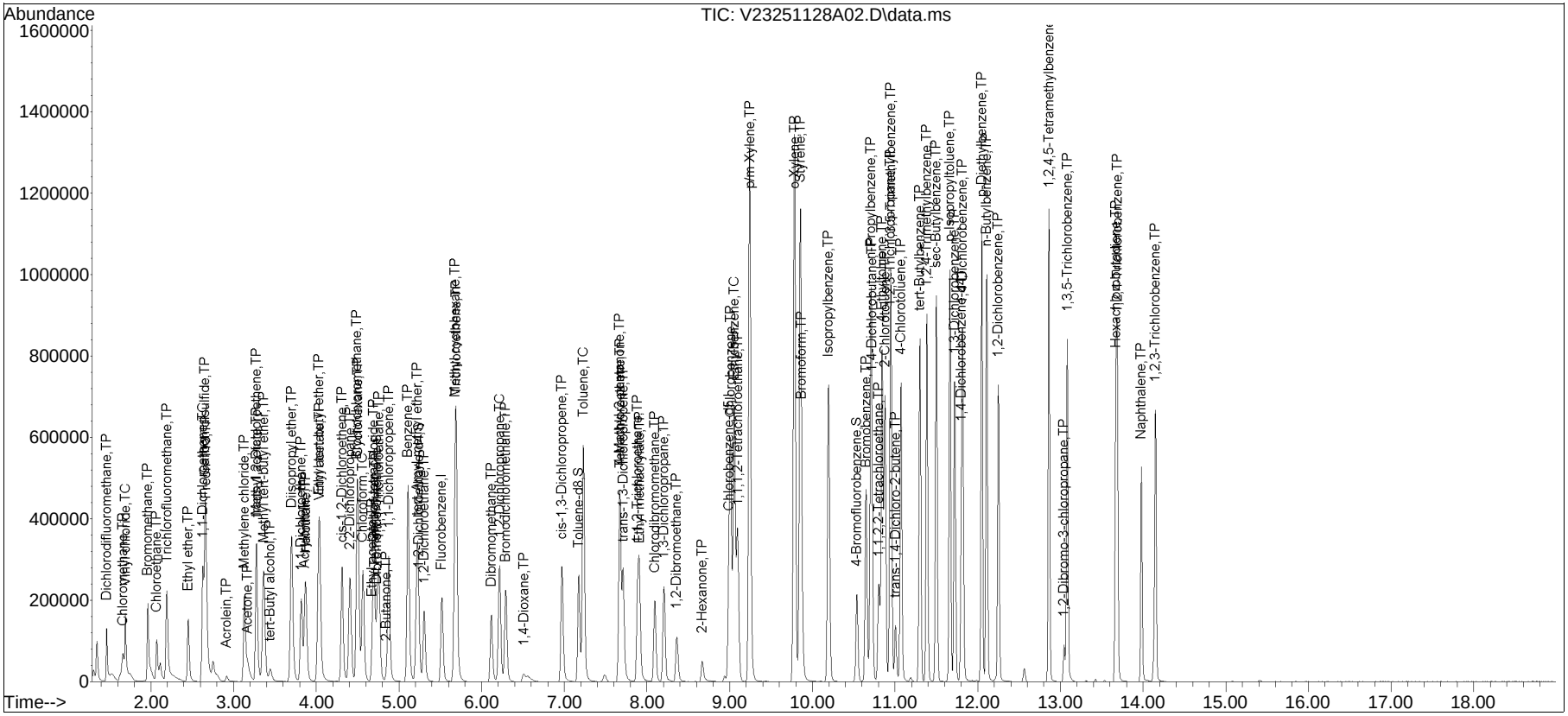
(#) = qualifier out of range (m) = manual integration (+) = signals summed

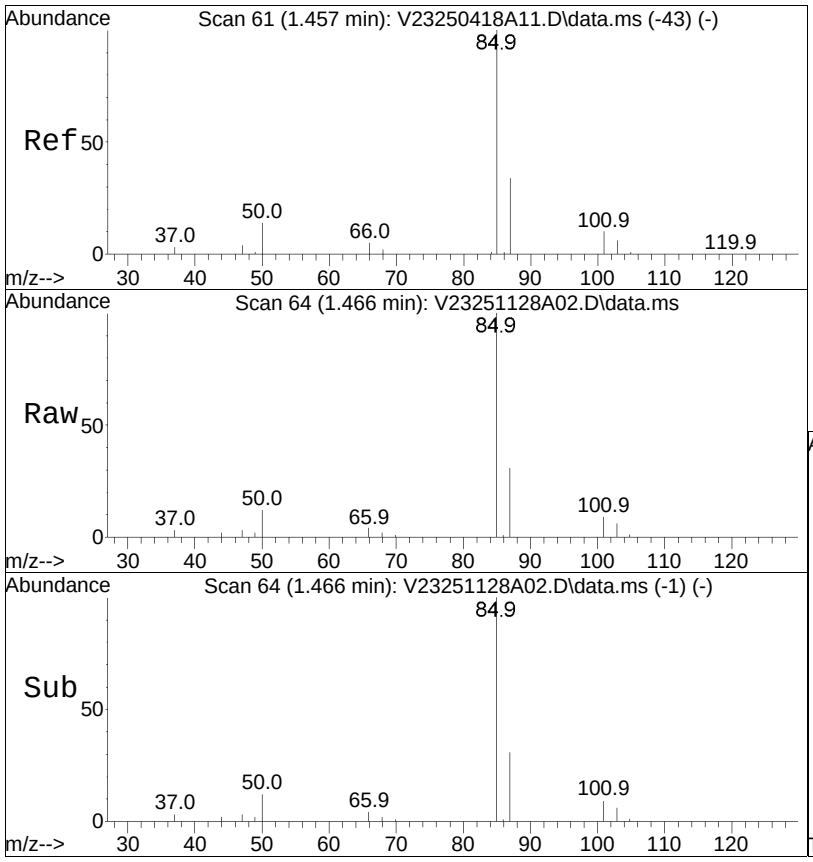
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251128A\
Data File : V23251128A02.D
Acq On : 28 Nov 2025 08:42 am
Operator : VOA123:AJK
Sample : WG2148010-4,31h,15,15,0.1
Misc : WG2148010,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 28 09:07:52 2025
Quant Method : K:\VOA123\2025\251128A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

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

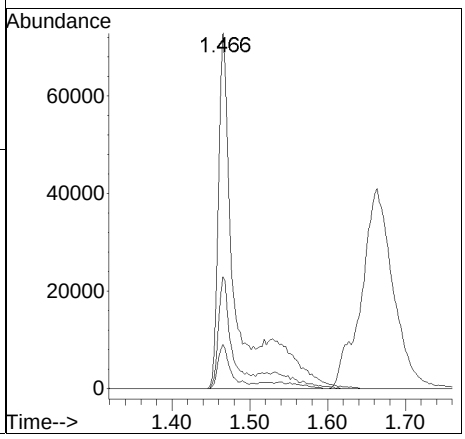


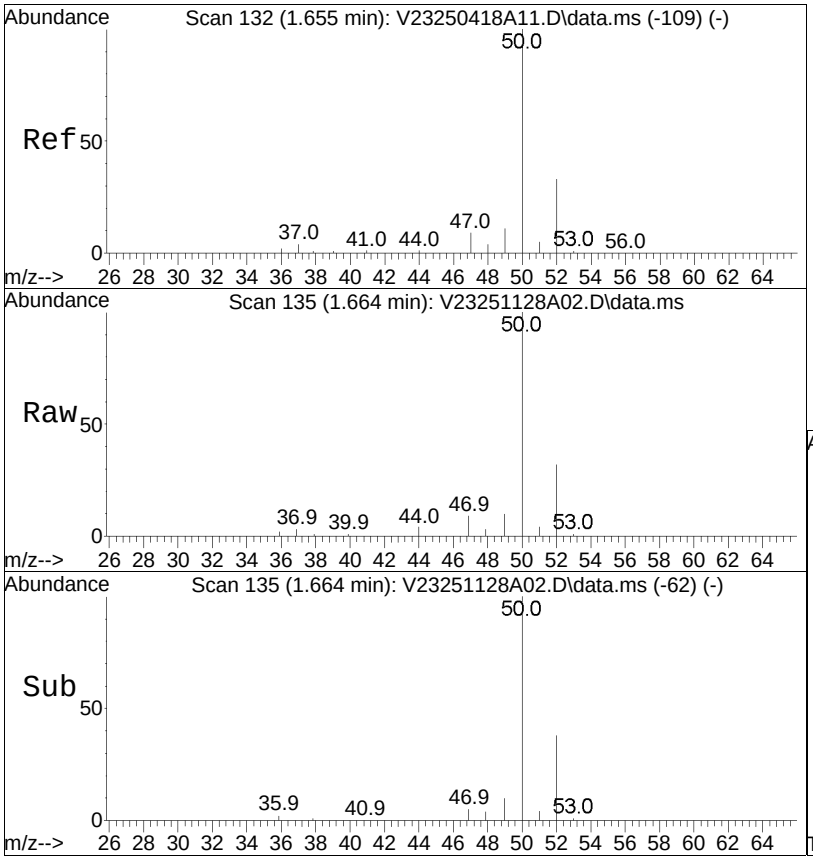


#2
Dichlorodifluoromethane
Concen: 53.49 ug/L M1
RT: 1.466 min Scan# 64
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 85 Resp: 118354

Ion	Ratio	Lower	Upper
85	100		
87	22.7	21.1	43.7
50	7.9	7.3	15.3

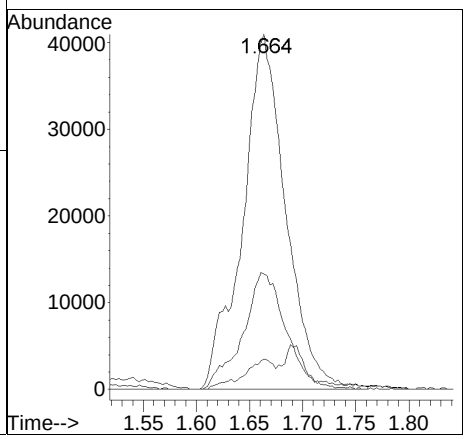


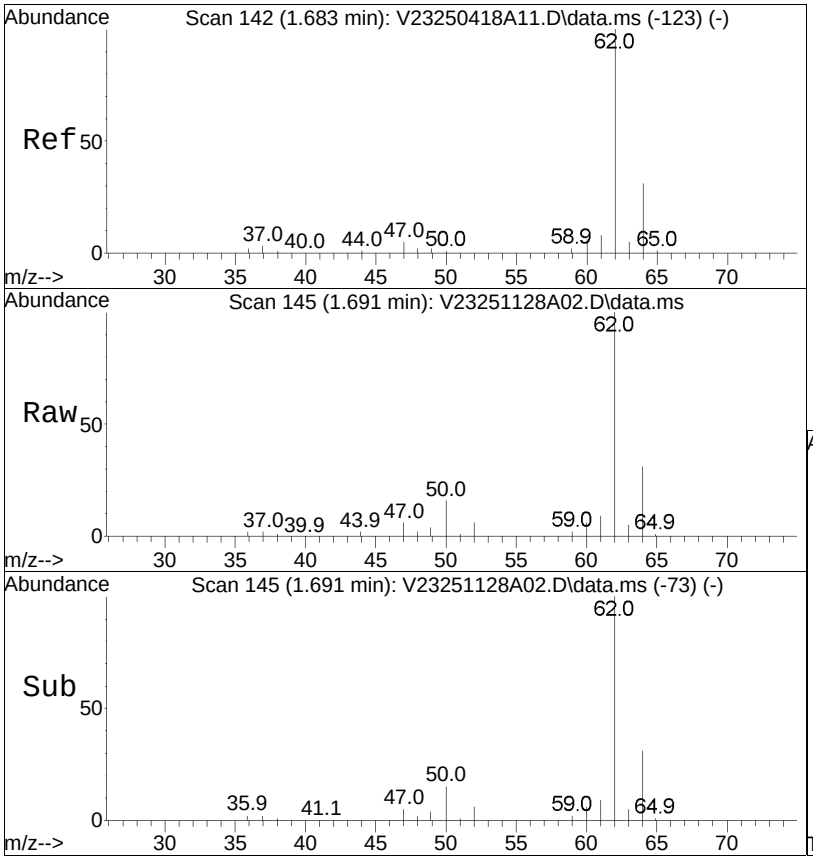


#3
Chloromethane
Concen: 48.33 ug/L
RT: 1.664 min Scan# 135
Delta R.T. 0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 50 Resp: 116287

Ion	Ratio	Lower	Upper
50	100		
52	32.9	12.7	52.7
47	4.5	0.0	28.1

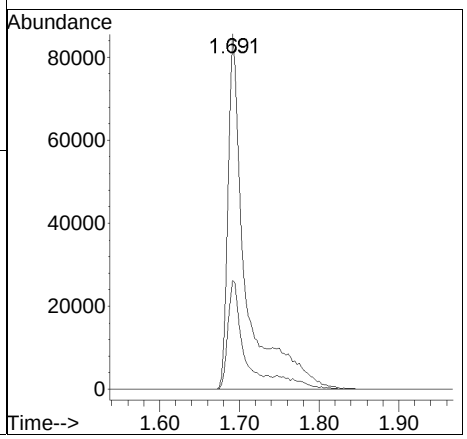


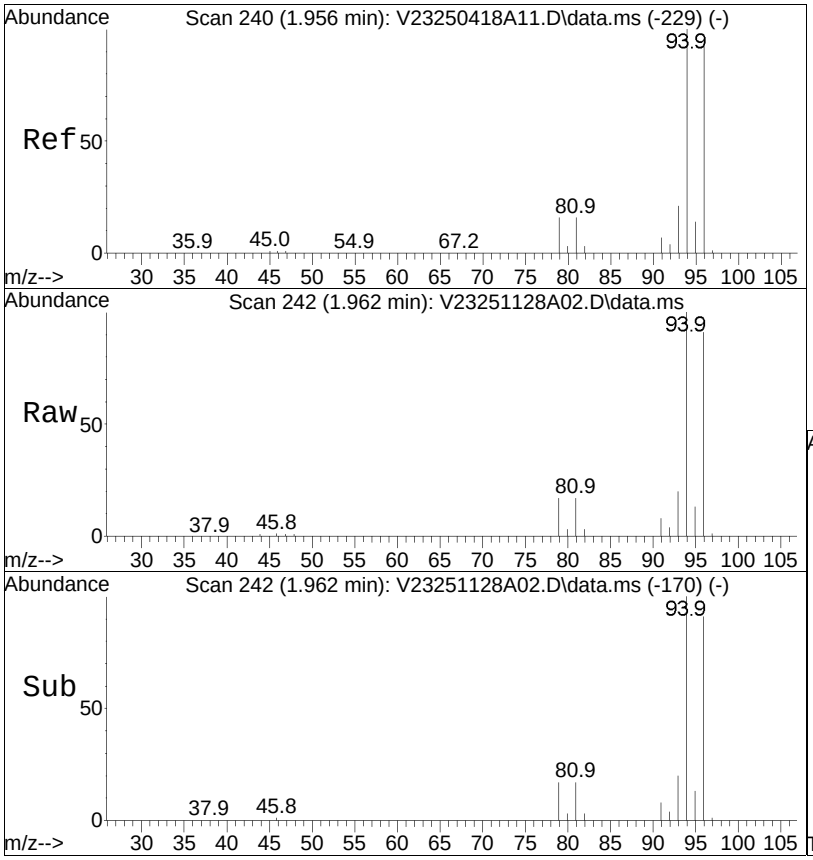


#4
Vinyl chloride
Concen: 51.51 ug/L M1
RT: 1.691 min Scan# 145
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 62 Resp: 134533

Ion	Ratio	Lower	Upper
62	100		
64	24.7	12.0	52.0

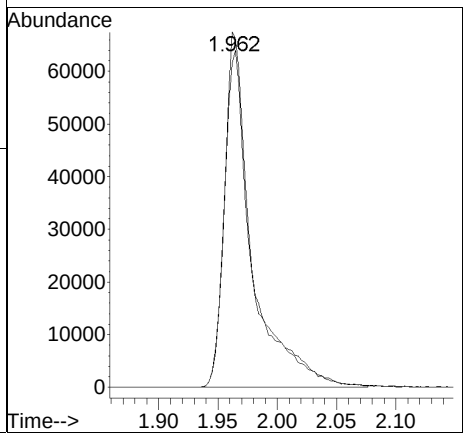


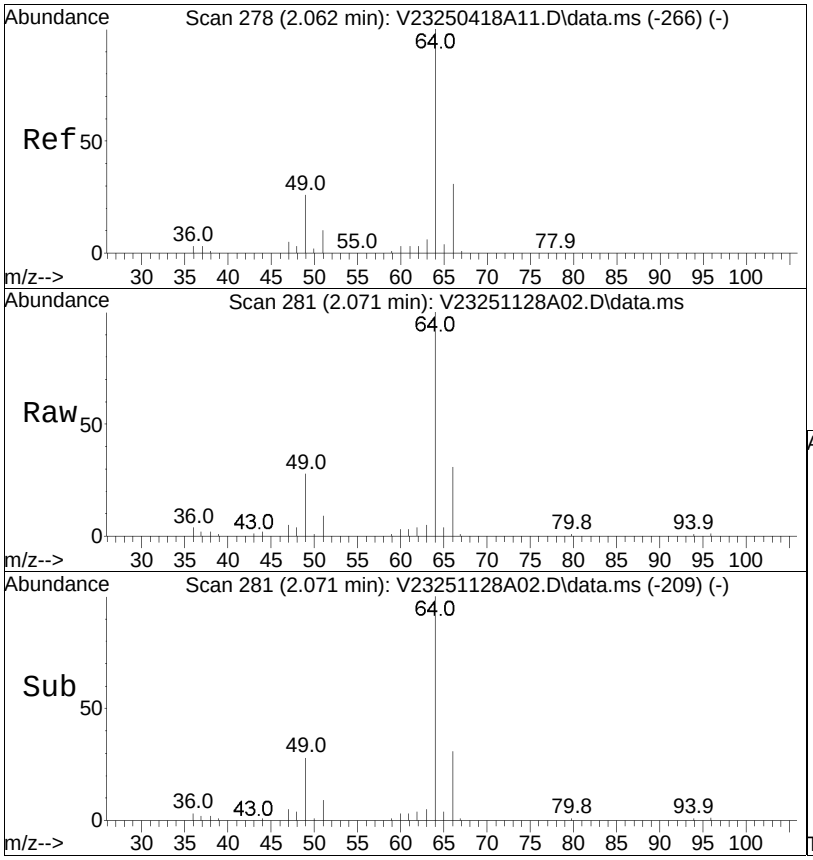


#5
Bromomethane
Concen: 66.41 ug/L
RT: 1.962 min Scan# 242
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 94 Resp: 110957

Ion	Ratio	Lower	Upper
94	100		
96	94.2	74.6	114.6

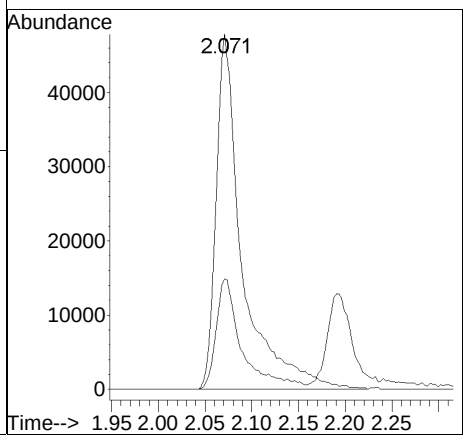


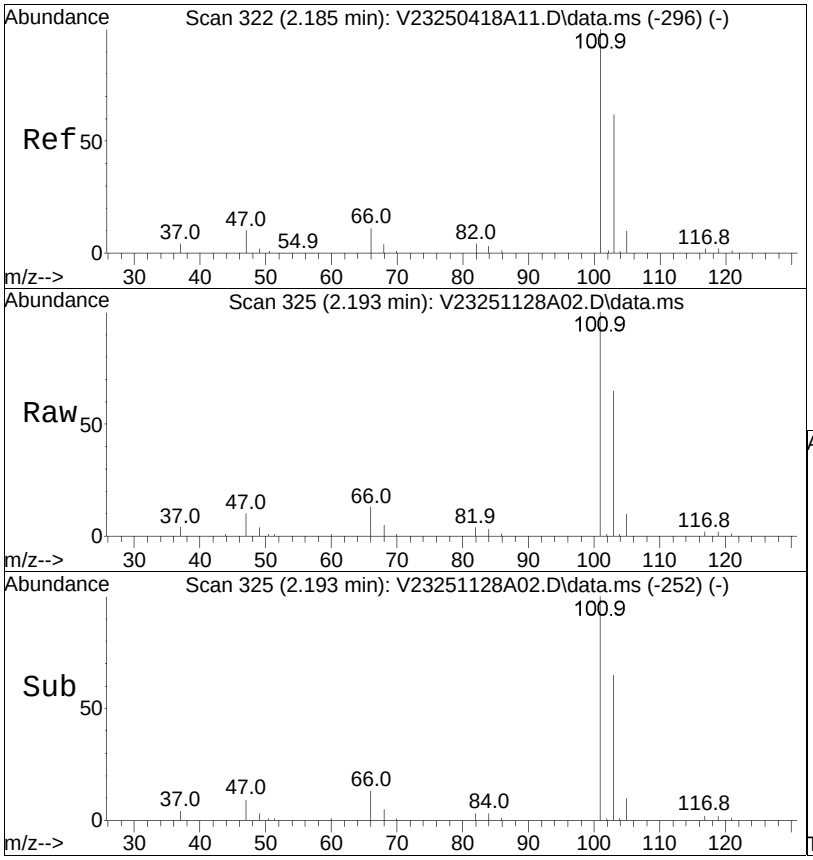


#6
Chloroethane
Concen: 51.50 ug/L
RT: 2.071 min Scan# 281
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 64 Resp: 93227

Ion	Ratio	Lower	Upper
64	100		
66	29.4	12.6	52.6

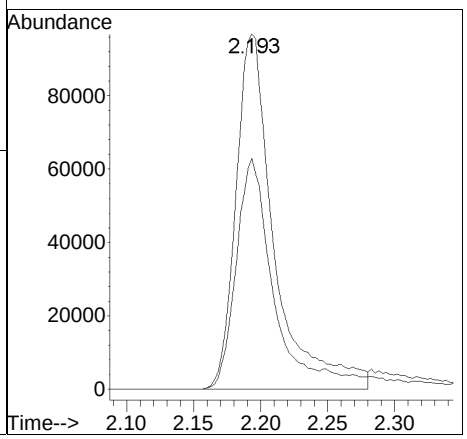


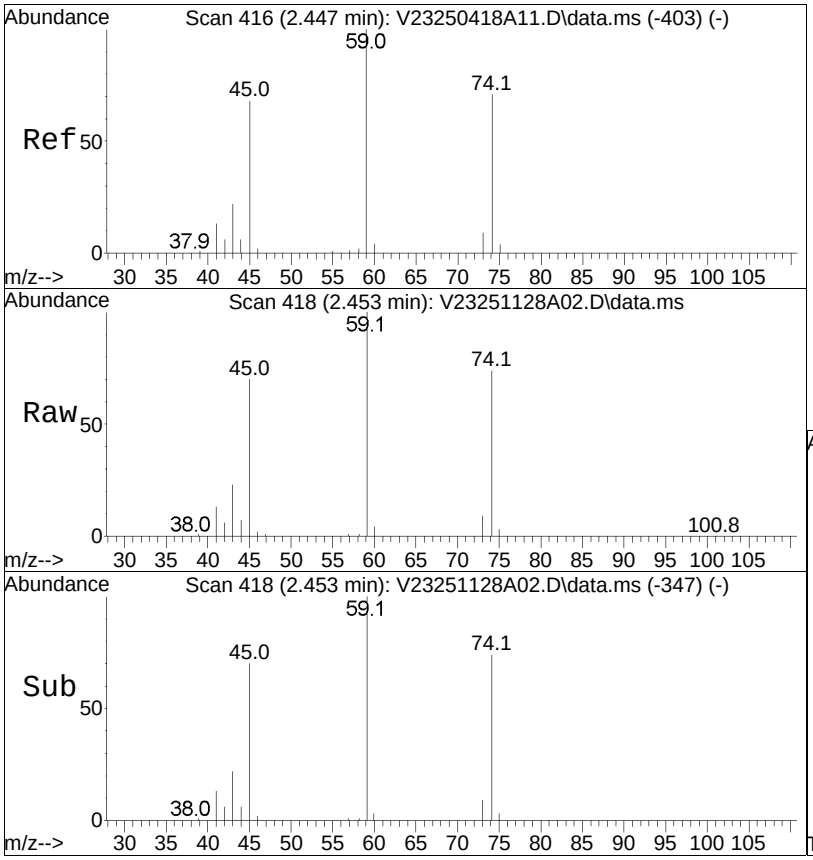


#7
Trichlorofluoromethane
Concen: 48.92 ug/L
RT: 2.193 min Scan# 325
Delta R.T. 0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:101 Resp: 193283

Ion	Ratio	Lower	Upper
101	100		
103	59.8	51.4	77.2

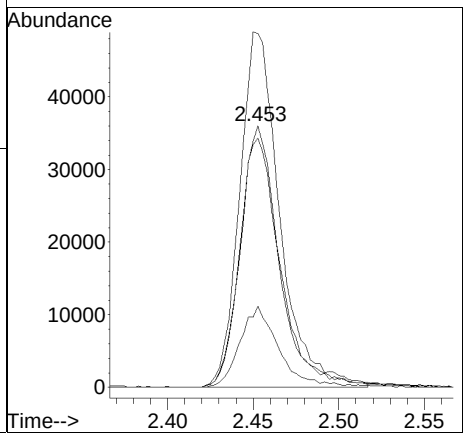


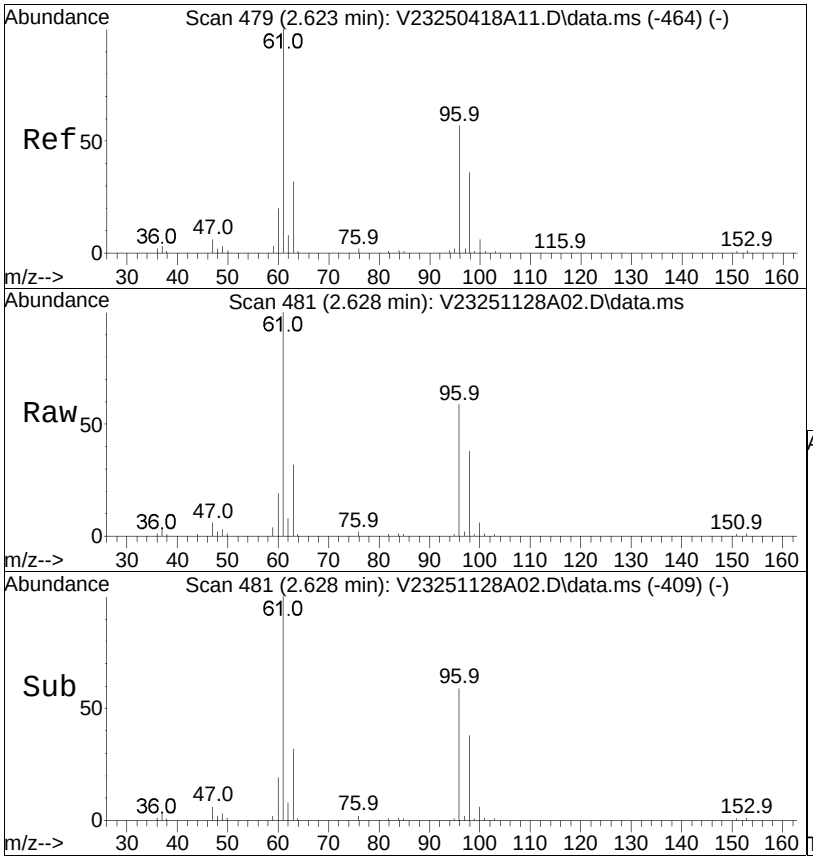


#8
Ethyl ether
Concen: 43.89 ug/L
RT: 2.453 min Scan# 418
Delta R.T. -0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 74 Resp: 57988

Ion	Ratio	Lower	Upper
74	100		
59	138.9	84.3	175.1
45	97.6	55.4	115.2
43	30.2	15.9	32.9

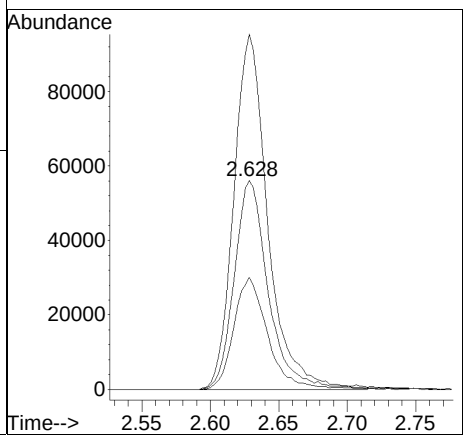


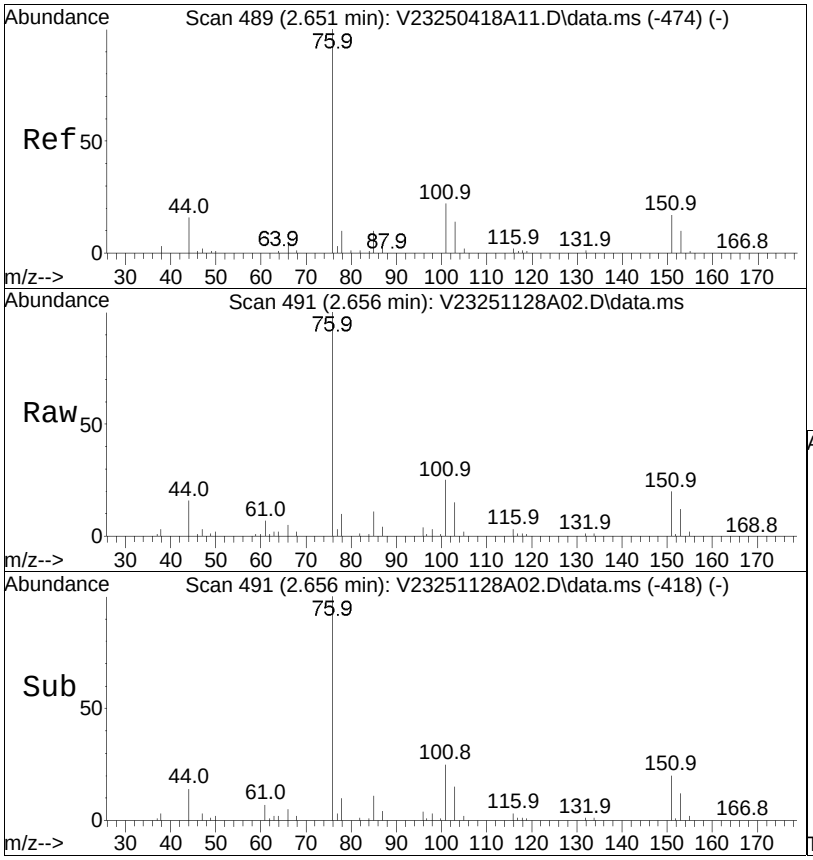


#10
1,1-Dichloroethene
Concen: 46.43 ug/L
RT: 2.628 min Scan# 481
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 96 Resp: 97049

Ion	Ratio	Lower	Upper
96	100		
61	169.1	124.5	186.7
63	53.5	40.7	61.1

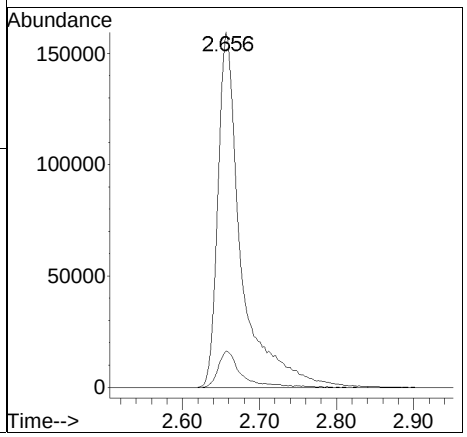


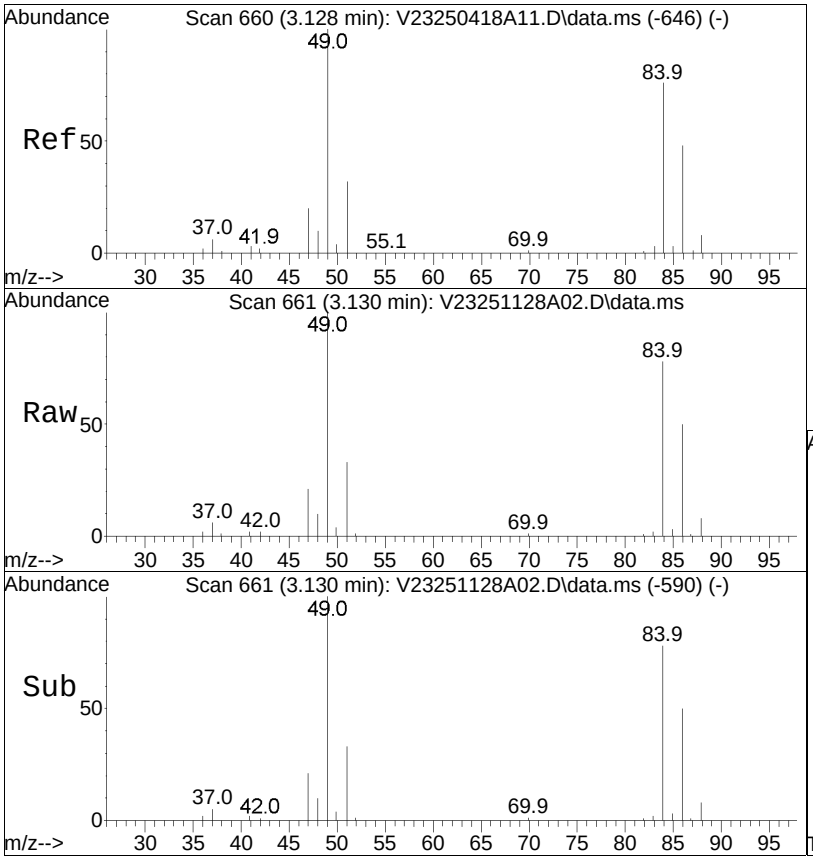


#11
Carbon disulfide
Concen: 43.91 ug/L
RT: 2.656 min Scan# 491
Delta R.T. 0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 76 Resp: 338132

Ion	Ratio	Lower	Upper
76	100		
78	9.4	6.7	13.9

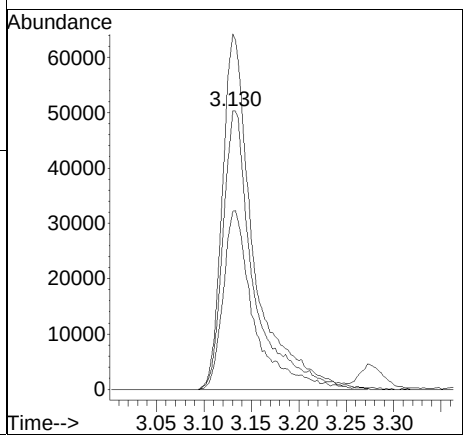


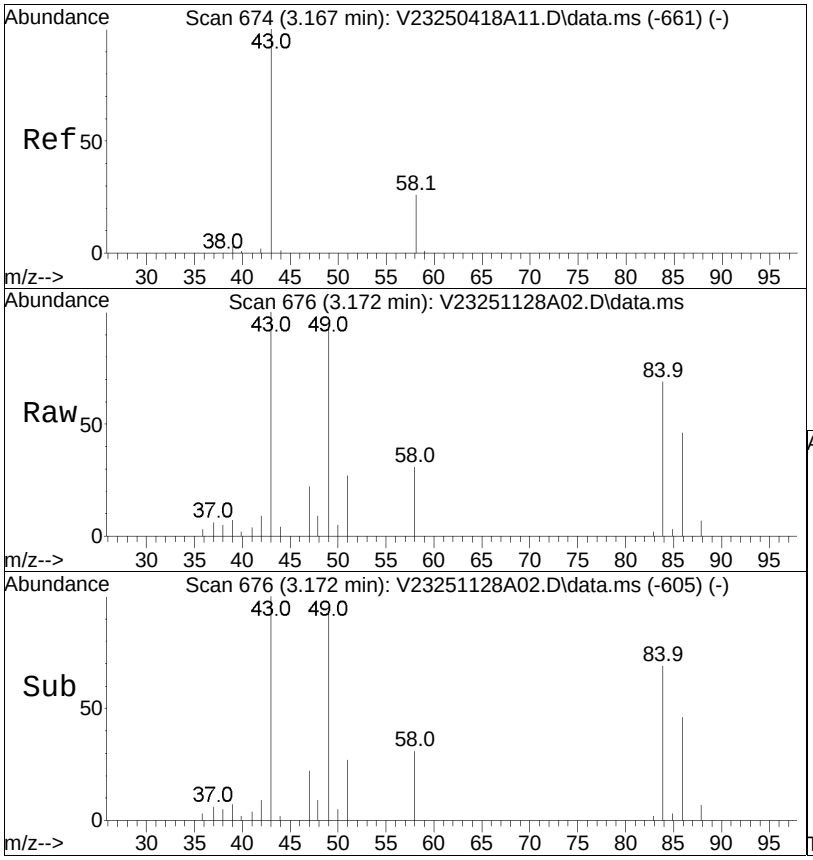


#15
Methylene chloride
Concen: 42.07 ug/L
RT: 3.130 min Scan# 661
Delta R.T. -0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 84 Resp: 114163

Ion	Ratio	Lower	Upper
84	100		
86	64.2	42.0	87.2
49	128.9	74.0	153.6

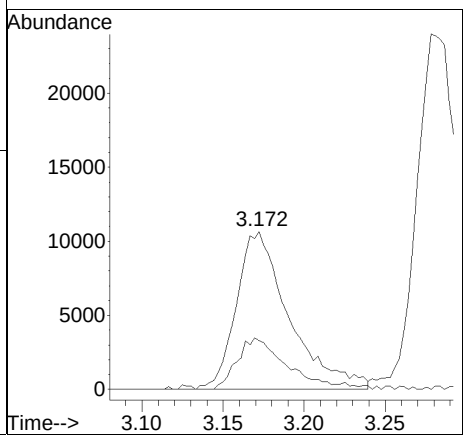


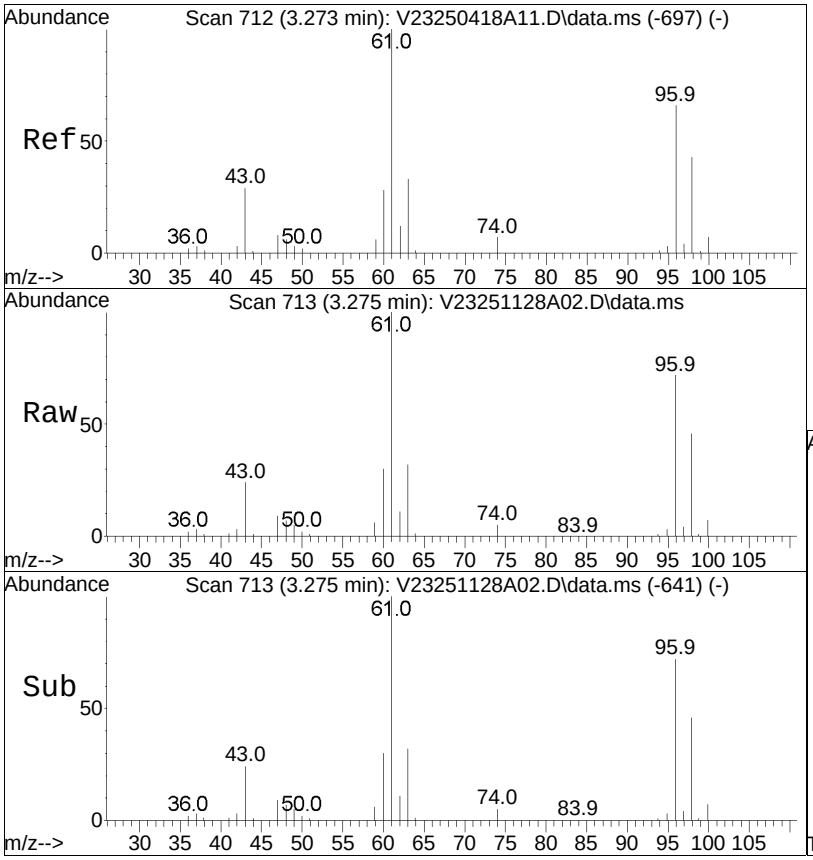


#17
Acetone
Concen: 36.36 ug/L
RT: 3.172 min Scan# 676
Delta R.T. 0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 43 Resp: 24176

Ion	Ratio	Lower	Upper
43	100		
58	29.8	28.2	42.4

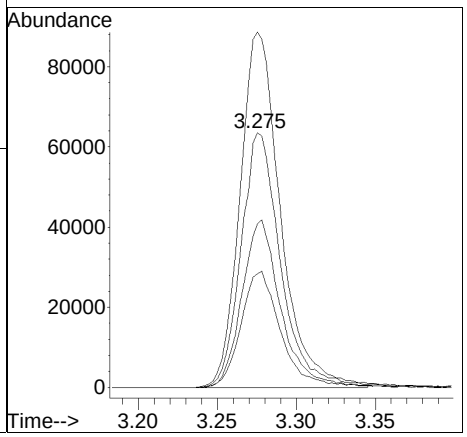


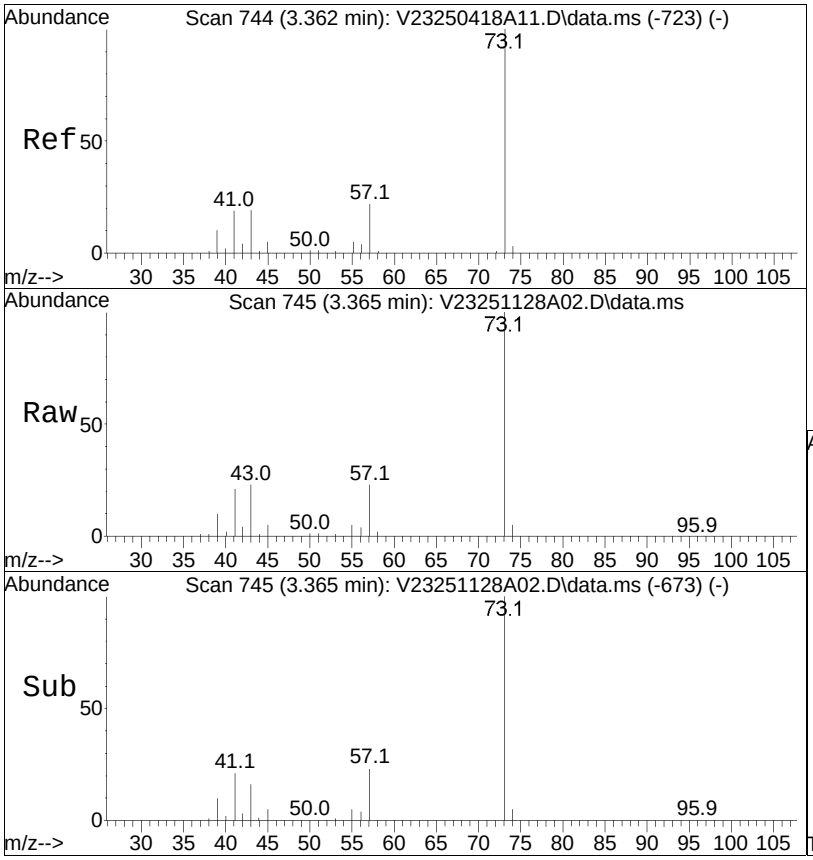


#18
trans-1,2-Dichloroethene
Concen: 45.35 ug/L
RT: 3.275 min Scan# 713
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 96 Resp: 110807

Ion	Ratio	Lower	Upper
96	100		
61	143.3	87.3	181.3
98	64.8	41.1	85.5
63	45.6	28.3	58.7

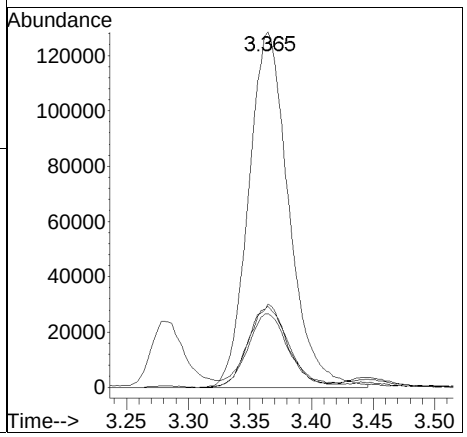


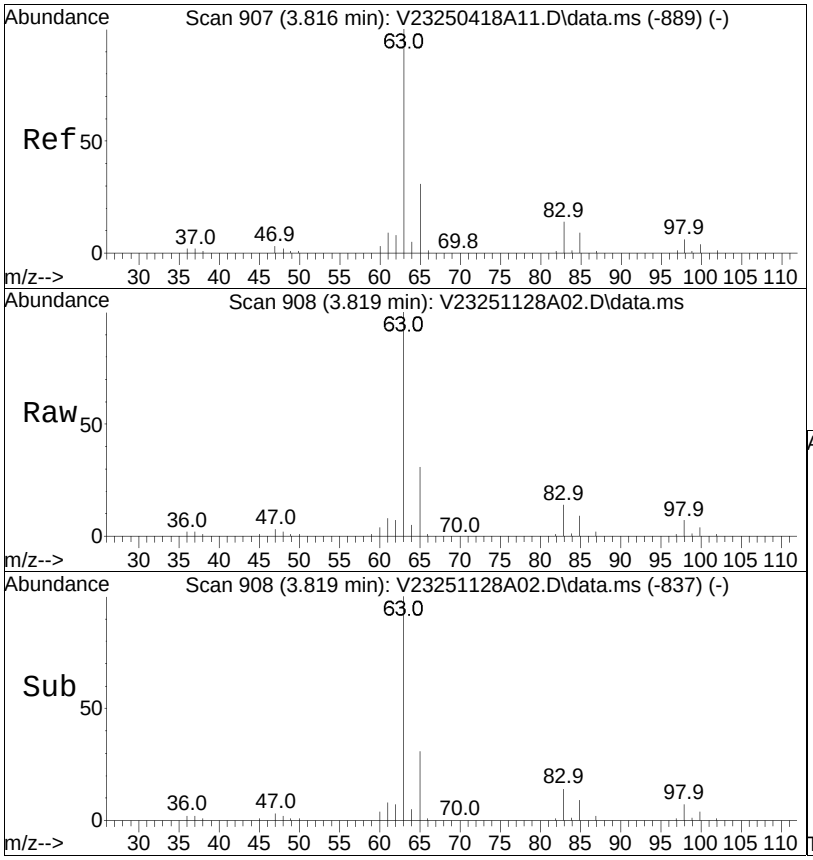


#20
Methyl tert-butyl ether
Concen: 41.91 ug/L
RT: 3.365 min Scan# 745
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 73 Resp: 292018

Ion	Ratio	Lower	Upper
73	100		
57	22.8	14.2	29.4
43	22.7	12.4	25.7
41	20.9	11.6	24.0

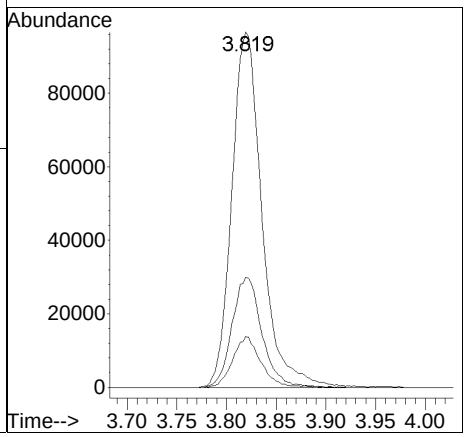


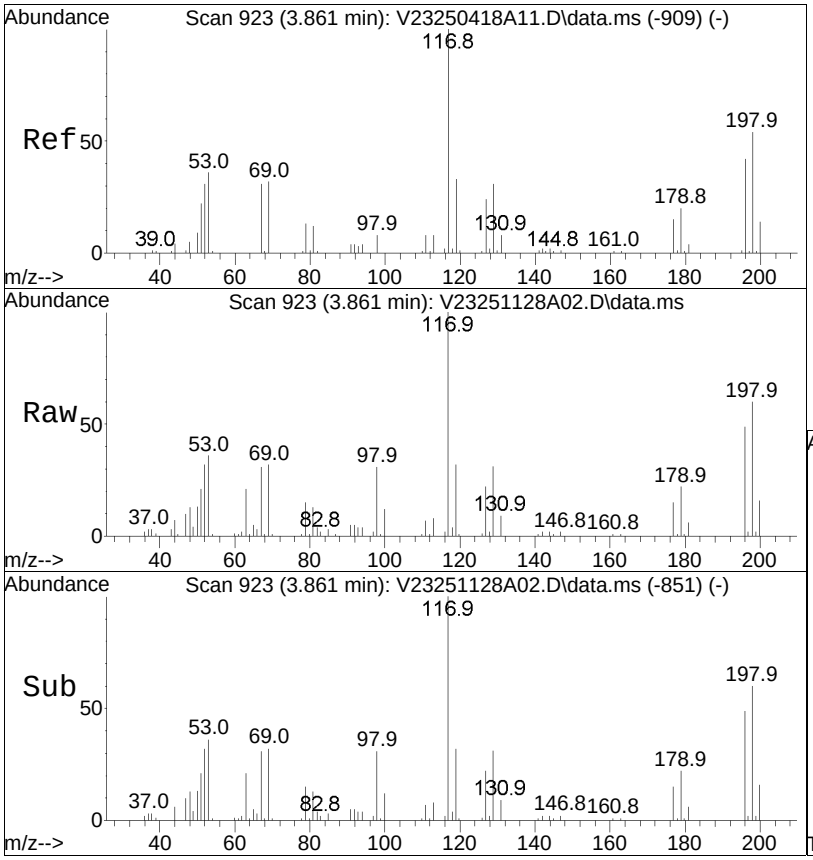


#23
1,1-Dichloroethane
Concen: 45.43 ug/L
RT: 3.819 min Scan# 908
Delta R.T. -0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 63 Resp: 204138

Ion	Ratio	Lower	Upper
63	100		
65	30.7	11.1	51.1
83	13.4	0.0	33.3

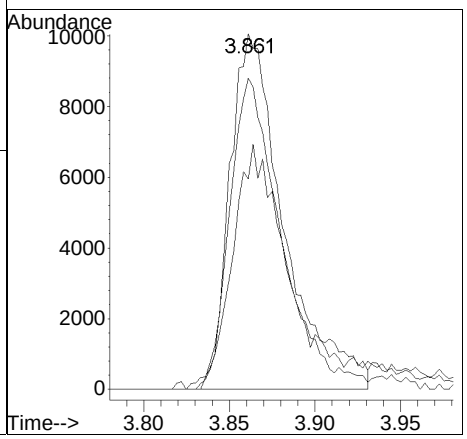


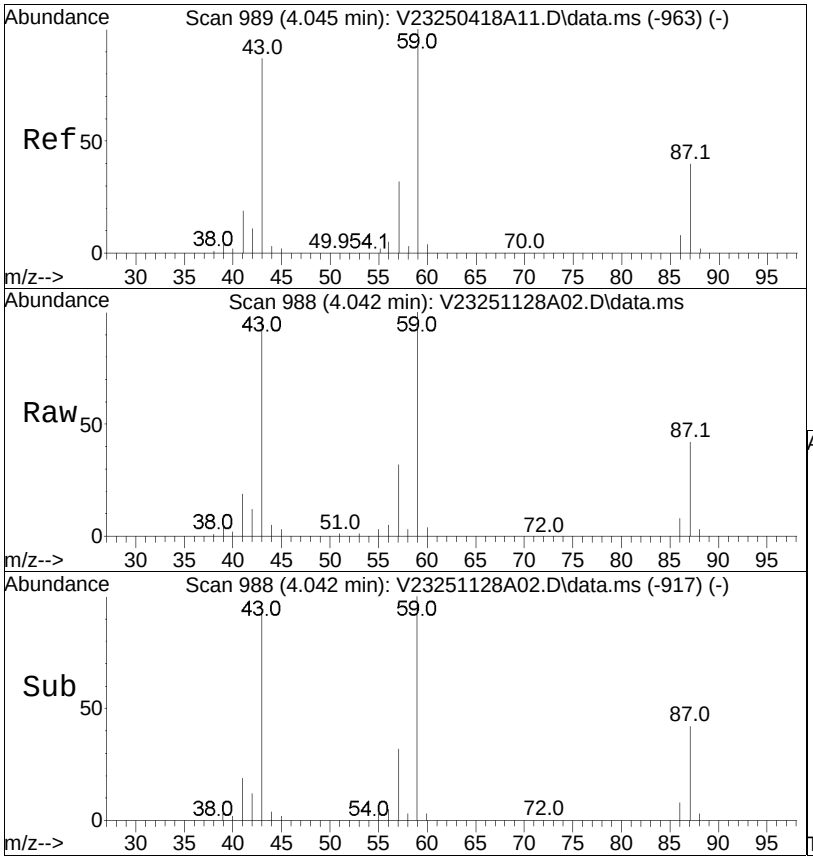


#25
Acrylonitrile
Concen: 41.12 ug/L
RT: 3.861 min Scan# 923
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 53 Resp: 22270

Ion	Ratio	Lower	Upper
53	100		
52	82.7	67.1	100.7
51	66.9	38.5	57.7#

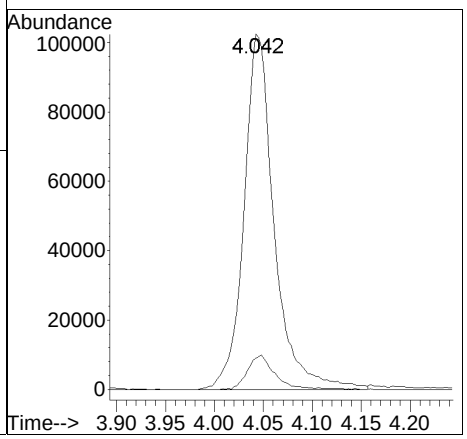


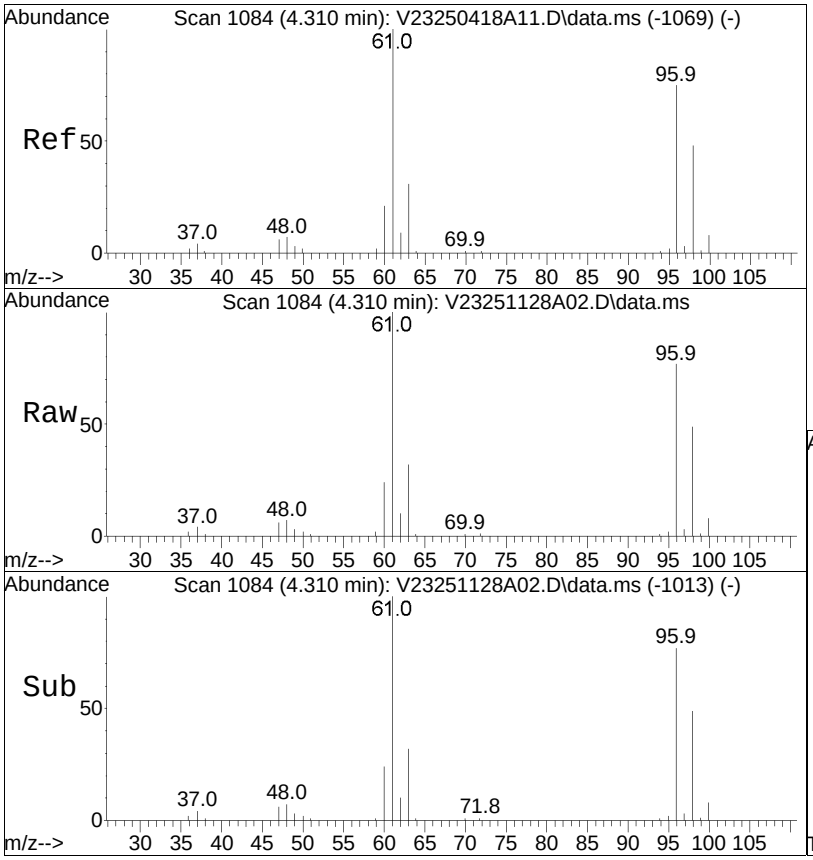


#27
Vinyl acetate
Concen: 42.48 ug/L
RT: 4.042 min Scan# 988
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 43 Resp: 220775

Ion	Ratio	Lower	Upper
43	100		
86	8.5	8.6	12.8#

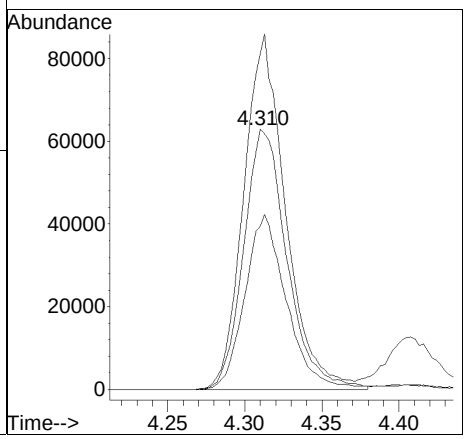


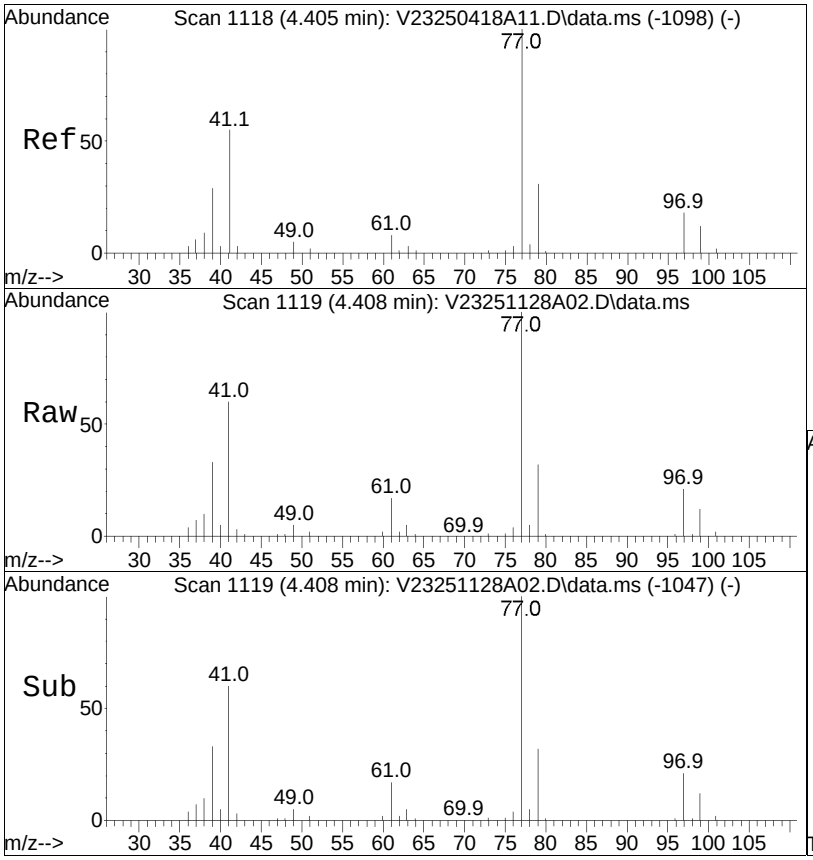


#28
cis-1,2-Dichloroethene
Concen: 43.92 ug/L
RT: 4.310 min Scan# 1084
Delta R.T. -0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 96 Resp: 123010

Ion	Ratio	Lower	Upper
96	100		
61	131.4	98.2	147.2
98	64.7	51.0	76.6

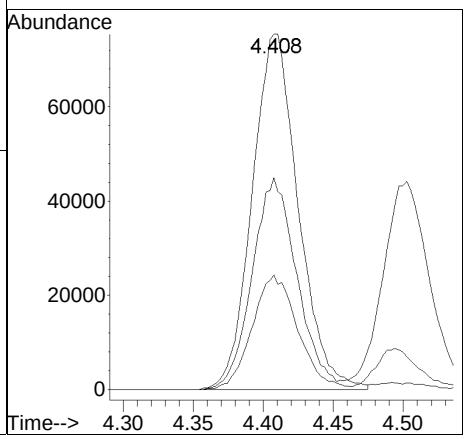


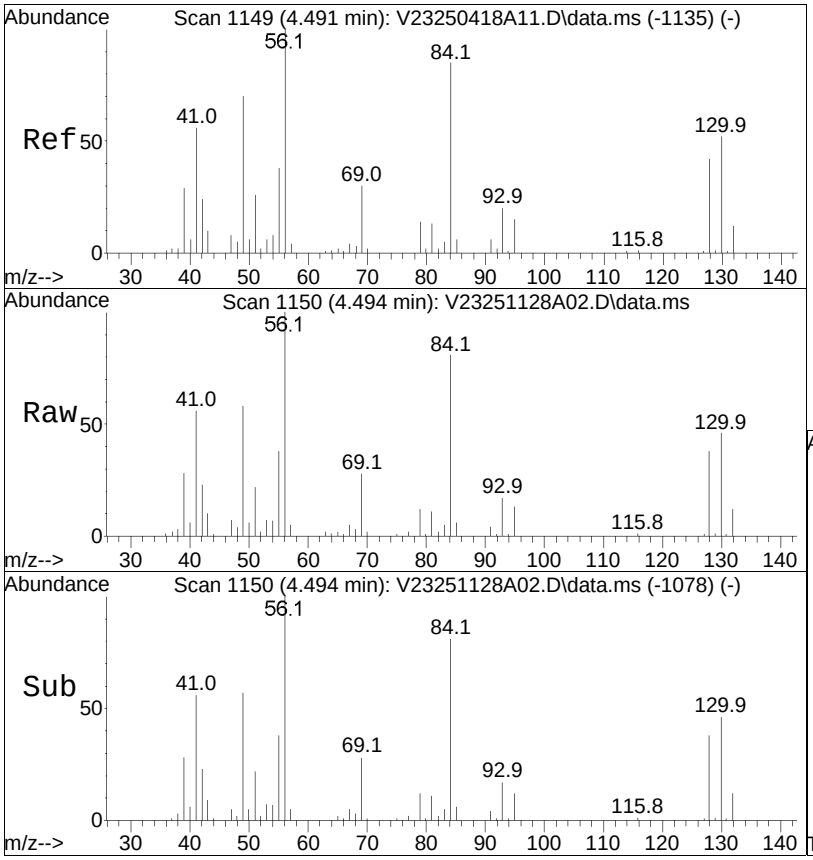


#29
2,2-Dichloropropane
Concen: 46.67 ug/L
RT: 4.408 min Scan# 1119
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 77 Resp: 172605

Ion	Ratio	Lower	Upper
77	100		
41	57.9	31.1	64.7
79	31.9	20.7	43.1

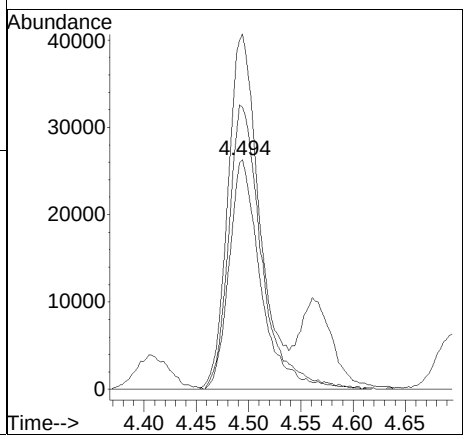


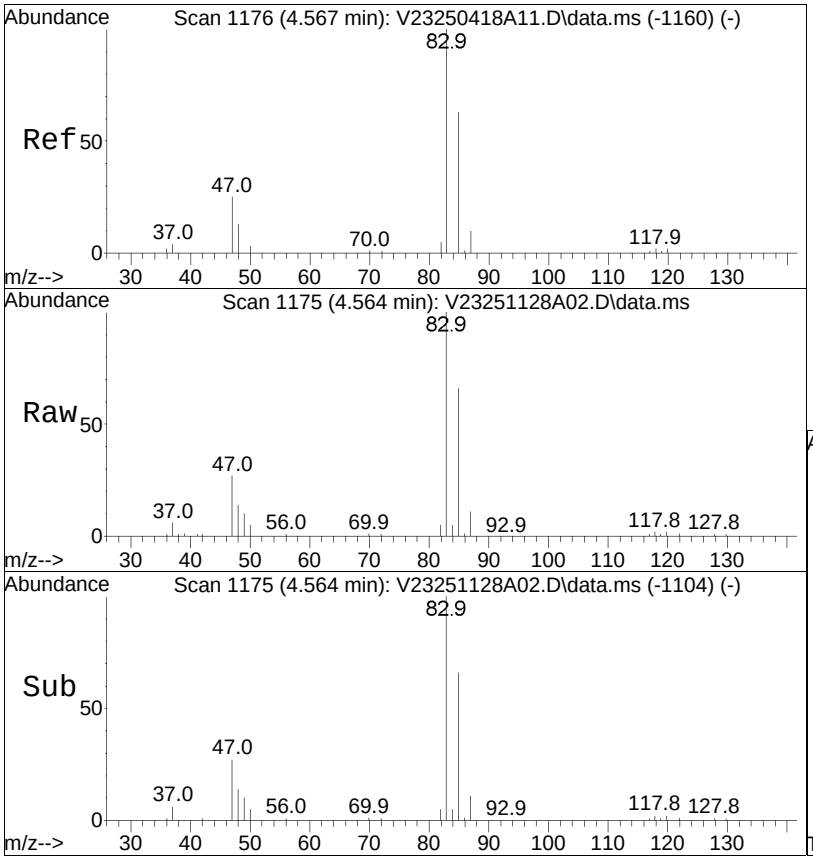


#30
Bromochloromethane
Concen: 44.72 ug/L
RT: 4.494 min Scan# 1150
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:128 Resp: 55937

Ion	Ratio	Lower	Upper
128	100		
49	150.6	117.6	176.4
130	127.9	103.8	155.8

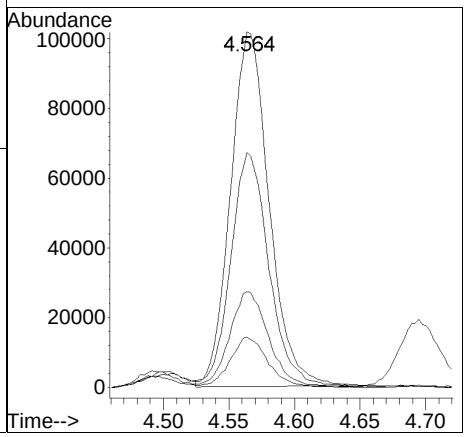


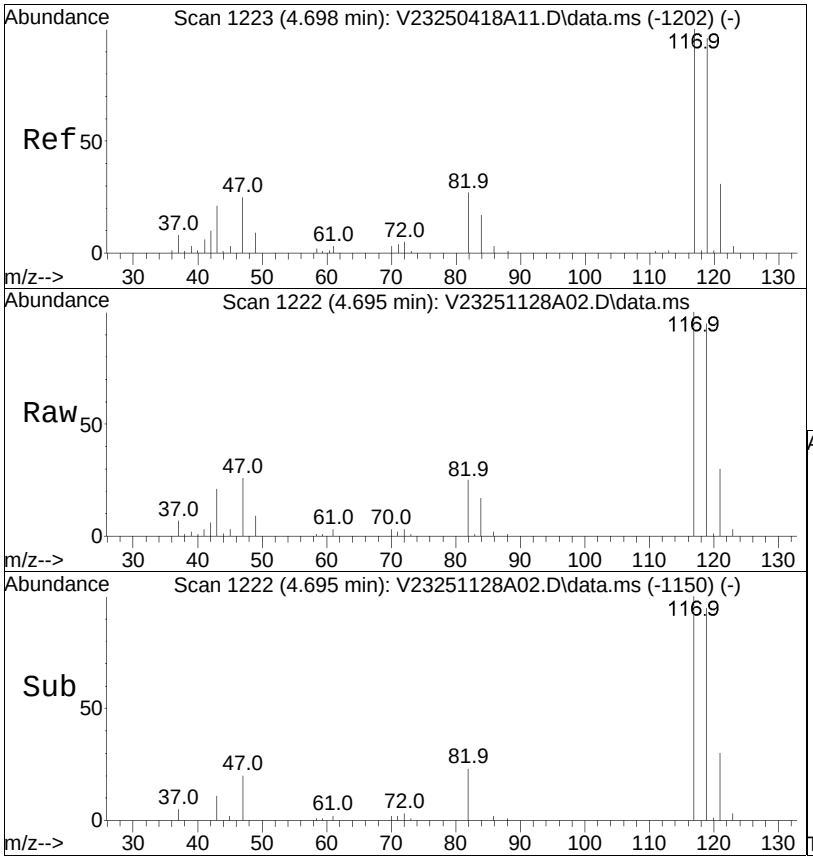


#32
Chloroform
Concen: 38.02 ug/L
RT: 4.564 min Scan# 1175
Delta R.T. -0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 83 Resp: 208938

Ion	Ratio	Lower	Upper
83	100		
85	65.5	42.1	87.3
47	26.9	14.0	29.2
48	13.5	7.2	14.9

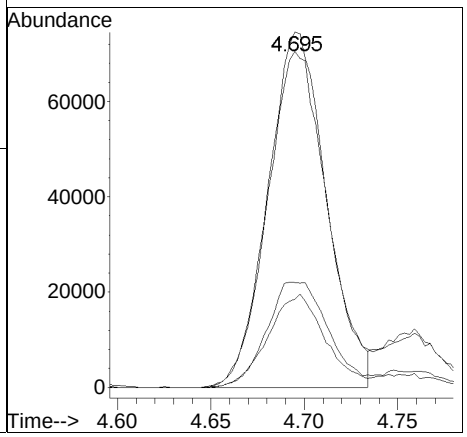


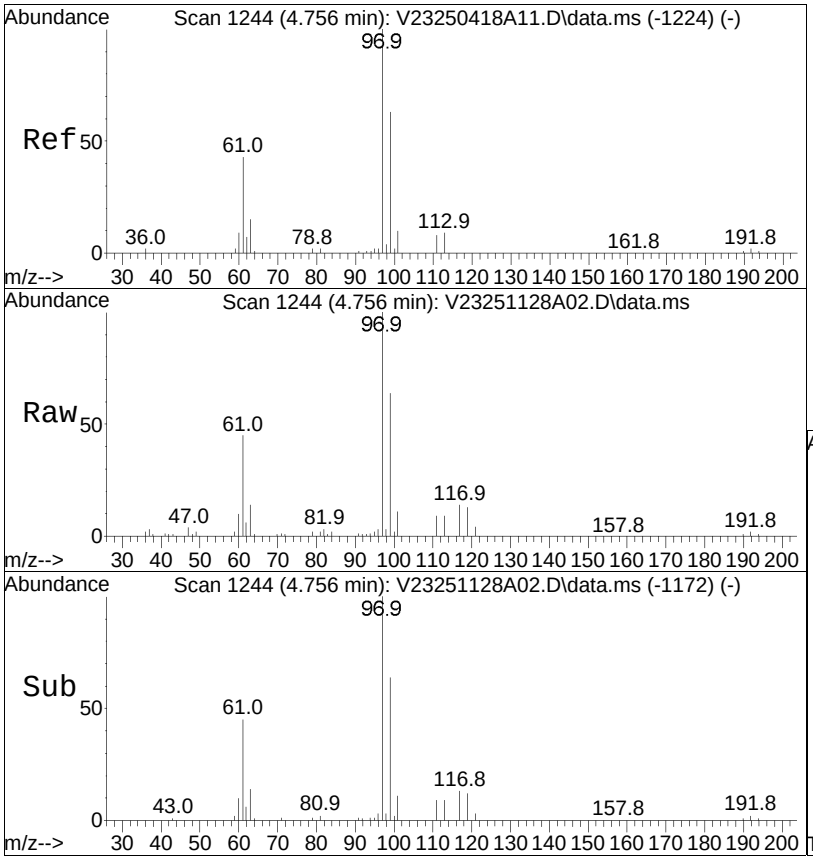


#34
Carbon tetrachloride
Concen: 45.81 ug/L
RT: 4.695 min Scan# 1222
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:117 Resp: 163128

Ion	Ratio	Lower	Upper
117	100		
119	96.9	62.7	130.3
121	31.4	20.3	42.1
82	25.7	16.4	34.2

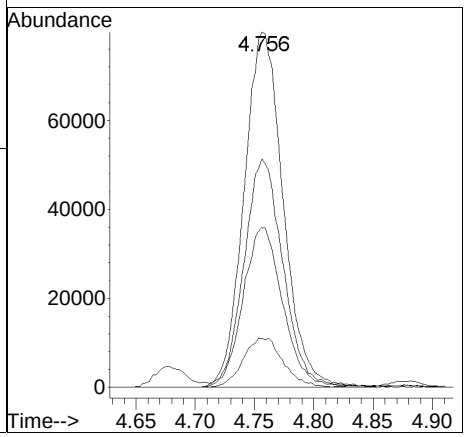


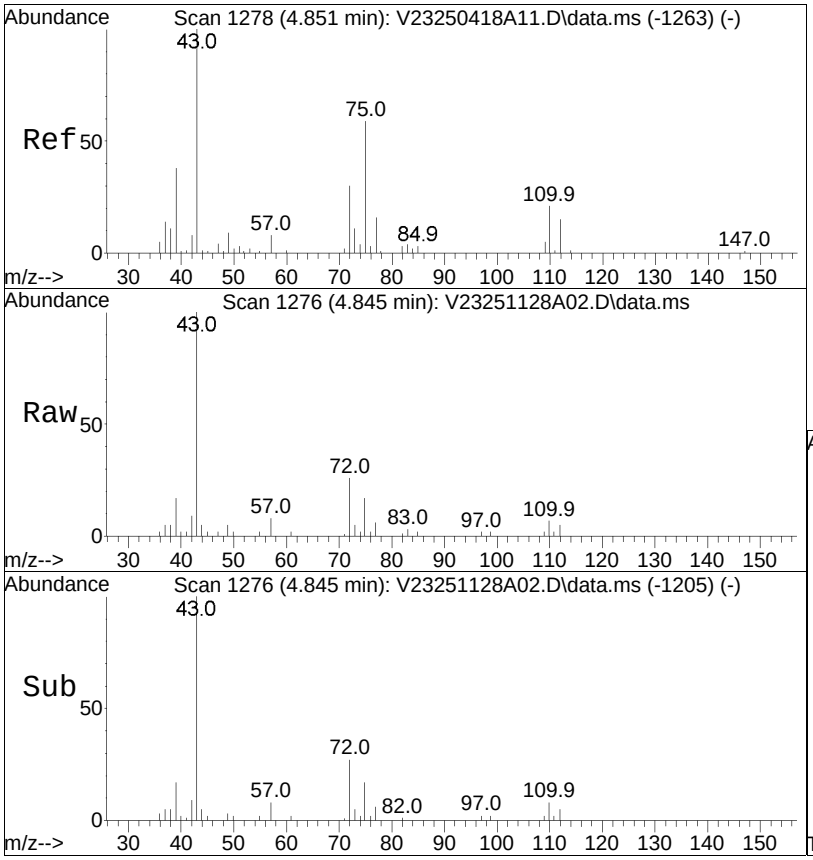


#37
1,1,1-Trichloroethane
Concen: 48.40 ug/L
RT: 4.756 min Scan# 1244
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 97 Resp: 183918

Ion	Ratio	Lower	Upper
97	100		
99	64.0	41.5	86.3
61	45.9	27.4	57.0
63	14.2	9.0	18.6

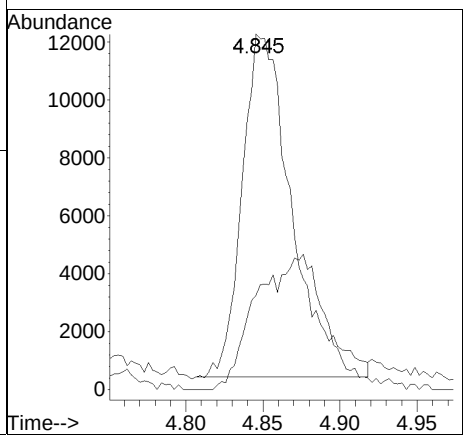


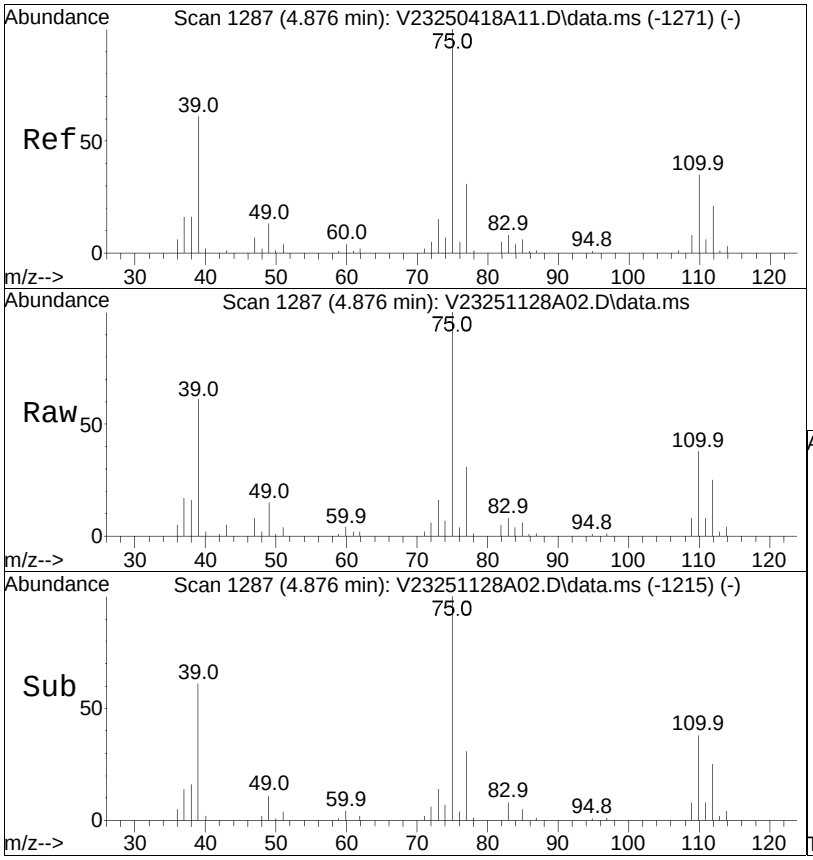


#39
2-Butanone
Concen: 35.04 ug/L
RT: 4.845 min Scan# 1276
Delta R.T. -0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 43 Resp: 26727

Ion	Ratio	Lower	Upper
43	100		
72	20.4	30.4	45.6#

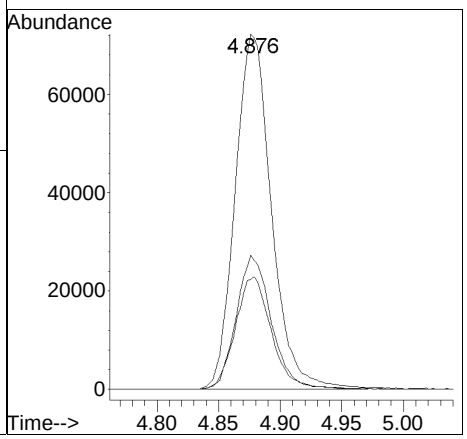


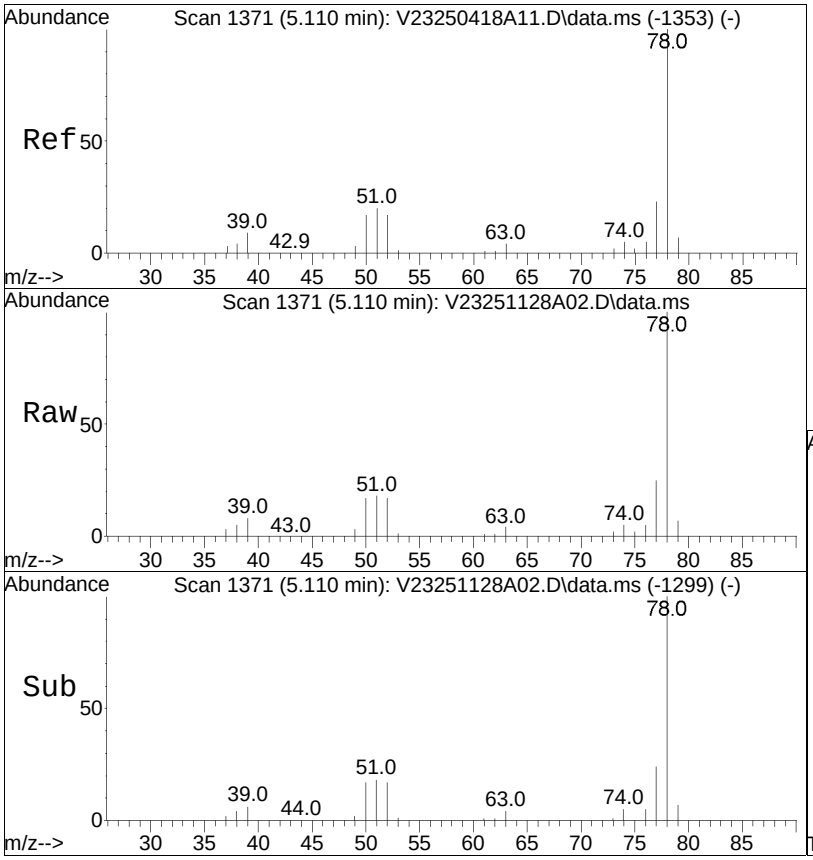


#40
1,1-Dichloropropene
Concen: 50.16 ug/L
RT: 4.876 min Scan# 1287
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 75 Resp: 148403

Ion	Ratio	Lower	Upper
75	100		
110	36.4	23.6	49.0
77	31.4	20.4	42.4

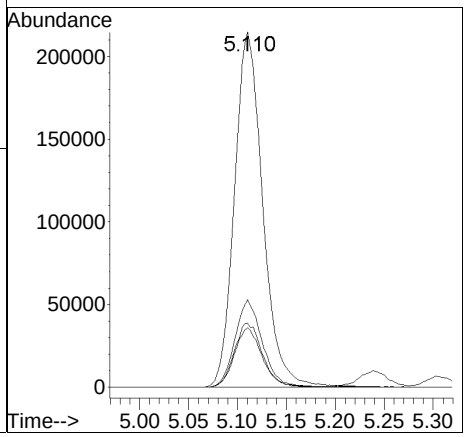


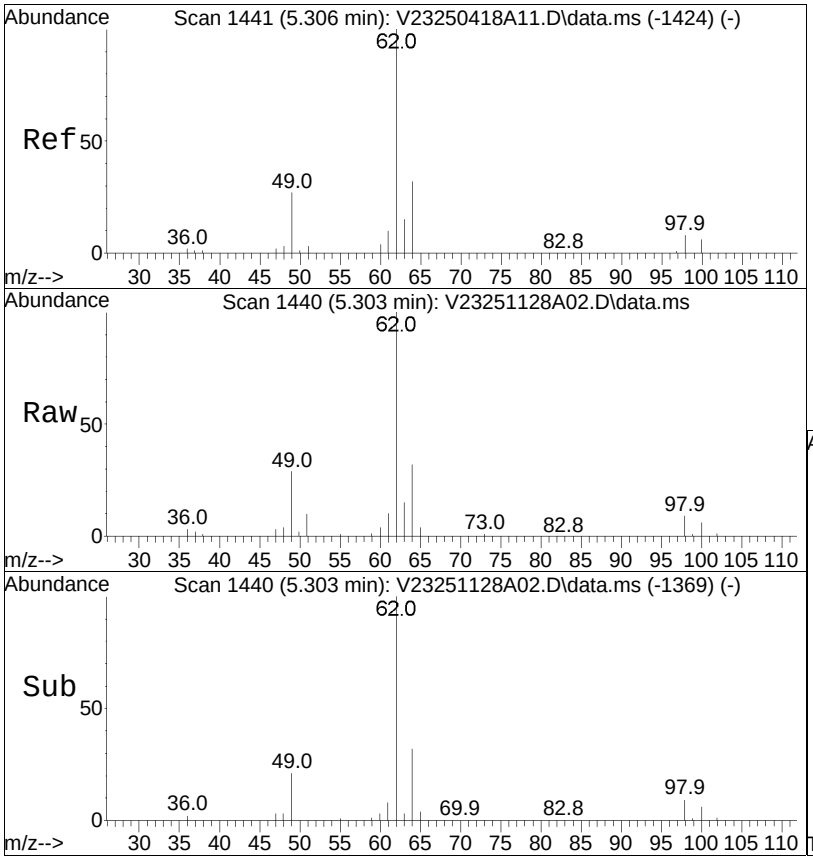


#41
Benzene
Concen: 46.23 ug/L
RT: 5.110 min Scan# 1371
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 78 Resp: 432891

Ion	Ratio	Lower	Upper
78	100		
77	24.0	15.7	32.5
51	18.2	9.9	20.5
52	16.4	9.5	19.7

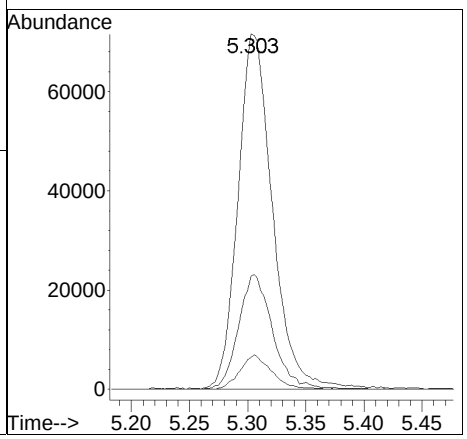


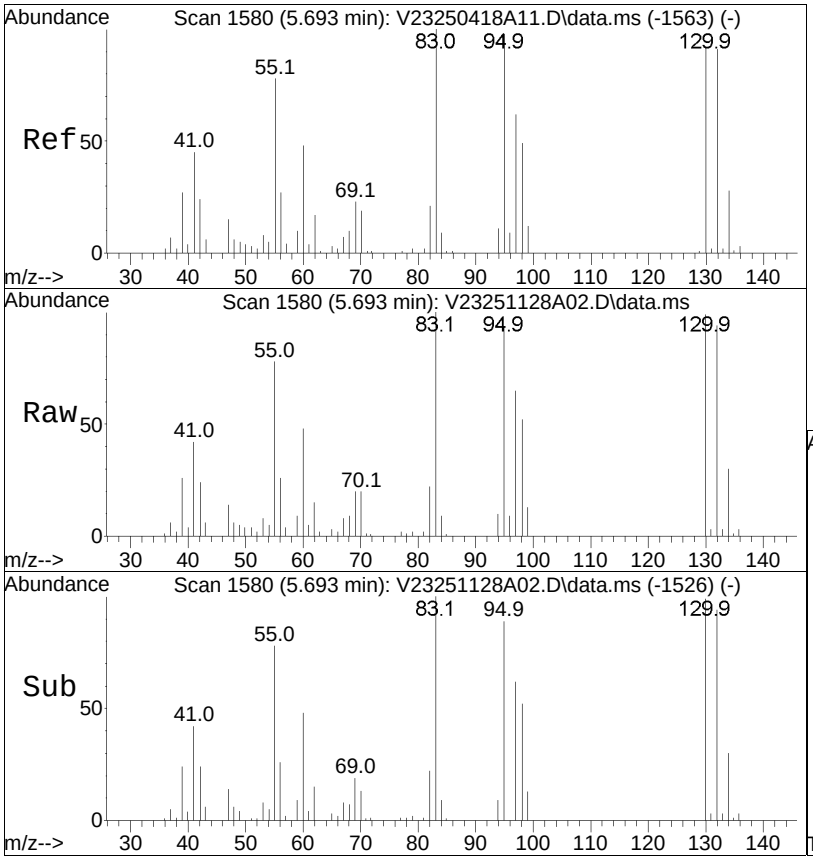


#44
1,2-Dichloroethane
Concen: 43.47 ug/L
RT: 5.303 min Scan# 1440
Delta R.T. -0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 62 Resp: 148467

Ion	Ratio	Lower	Upper
62	100		
64	31.7	12.7	52.7
98	9.0	0.0	29.7

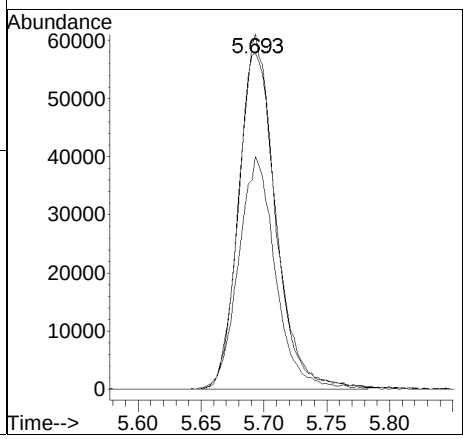


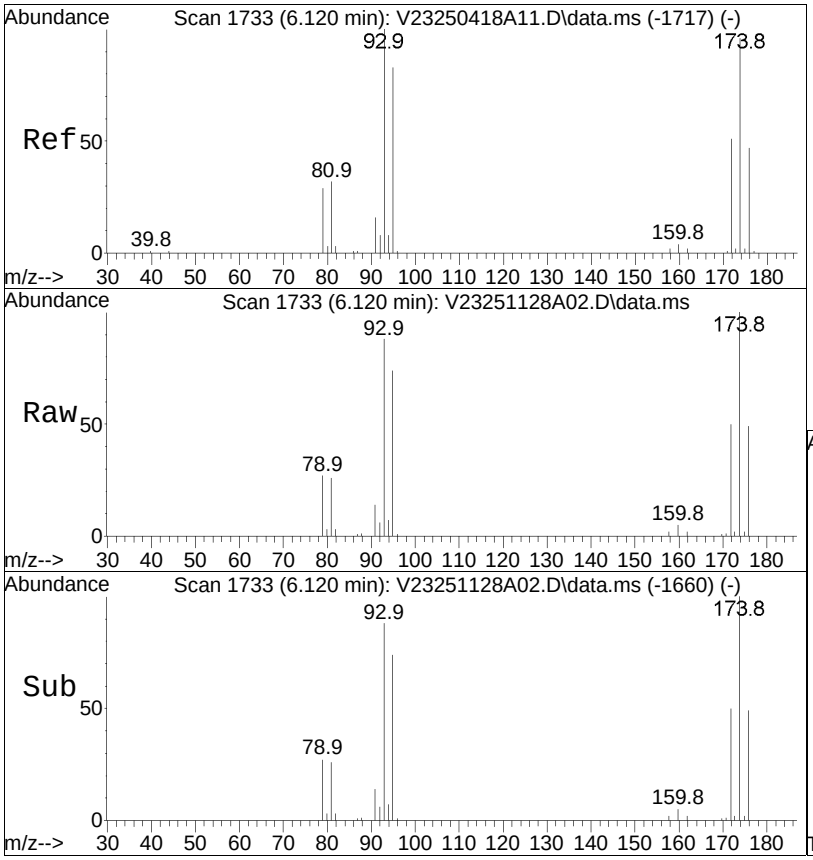


#48
Trichloroethene
Concen: 47.03 ug/L
RT: 5.693 min Scan# 1580
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 95 Resp: 120885

Ion	Ratio	Lower	Upper
95	100		
97	68.1	54.3	81.5
130	102.4	82.2	123.2

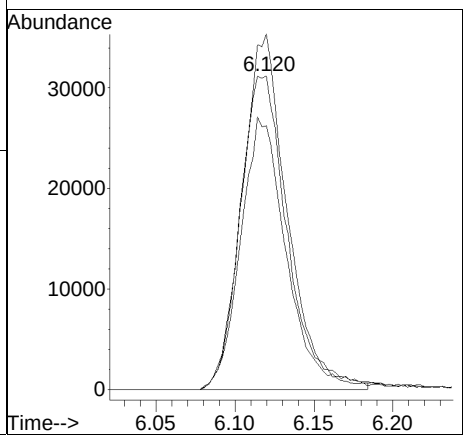


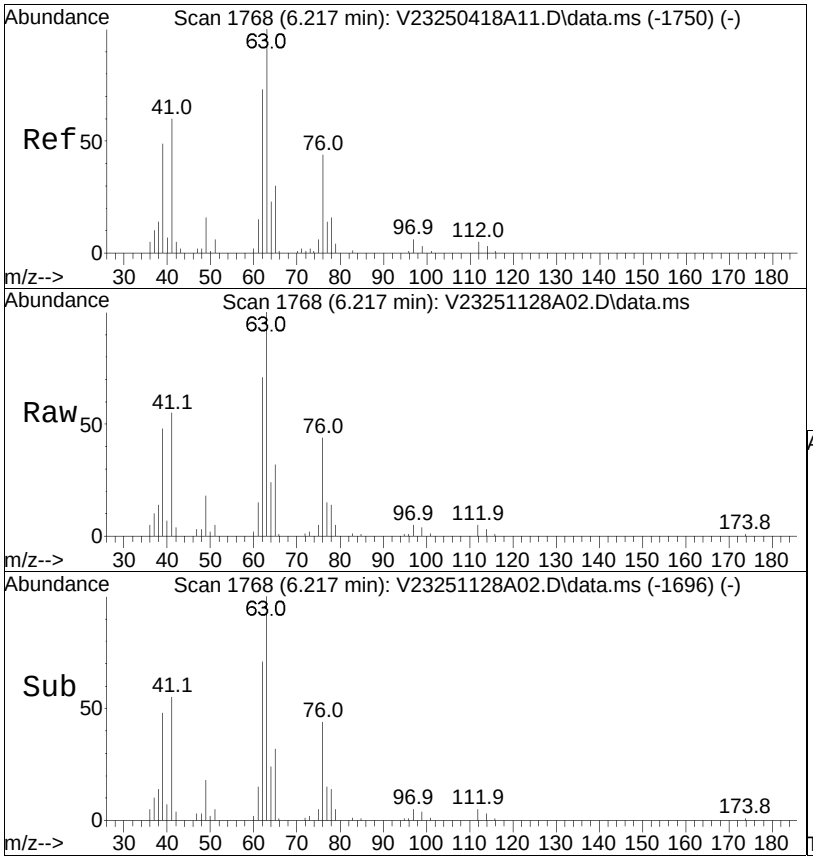


#50
Dibromomethane
Concen: 42.40 ug/L
RT: 6.120 min Scan# 1733
Delta R.T. 0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 93 Resp: 64753

Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.1	99.1
174	110.3	84.2	126.2

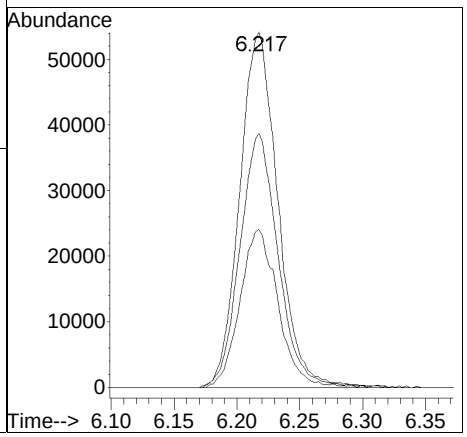


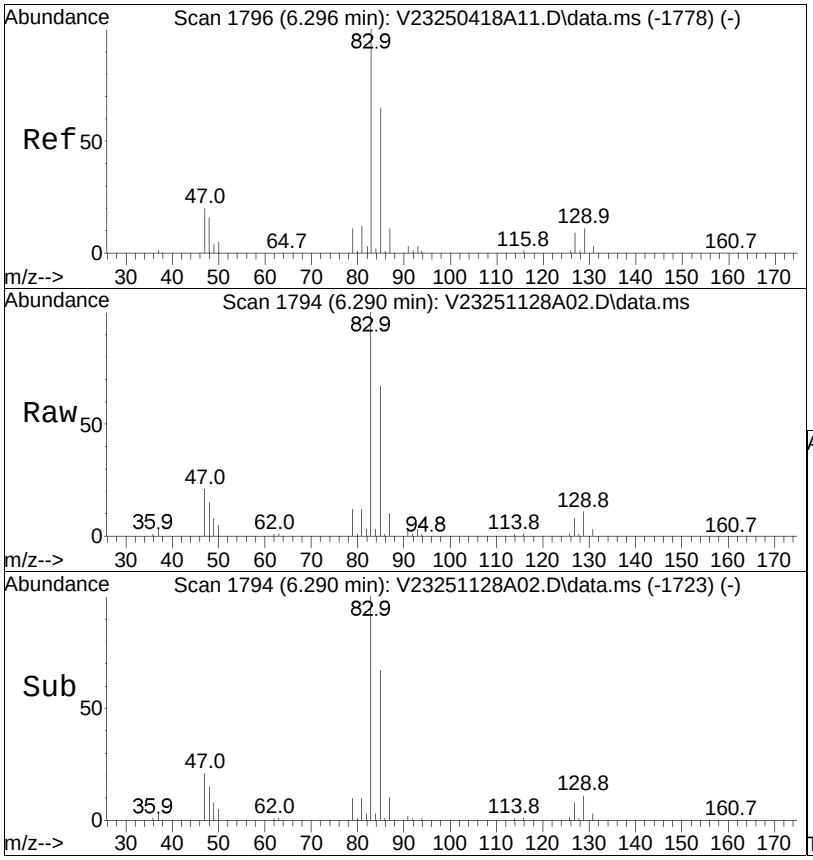


#51
1,2-Dichloropropane
Concen: 44.37 ug/L
RT: 6.217 min Scan# 1768
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 63 Resp: 114379

Ion	Ratio	Lower	Upper
63	100		
62	71.7	56.9	85.3
76	44.1	35.0	52.4

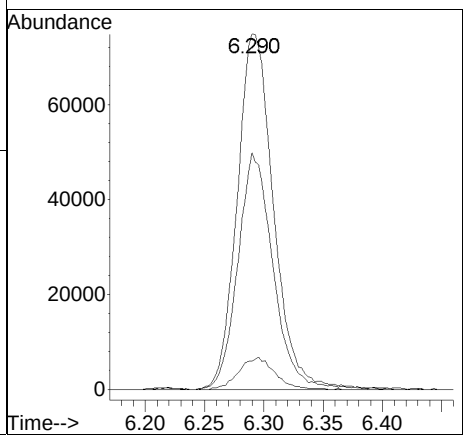


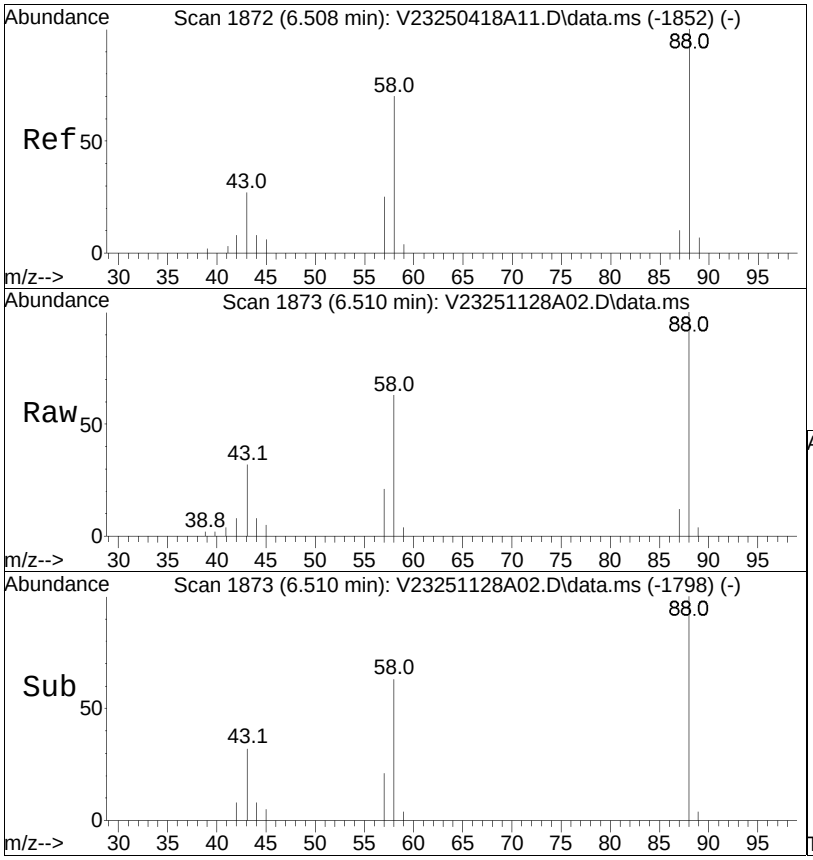


#54
Bromodichloromethane
Concen: 44.21 ug/L
RT: 6.290 min Scan# 1794
Delta R.T. -0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 83 Resp: 160018

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.3	76.9
127	8.8	6.5	9.7

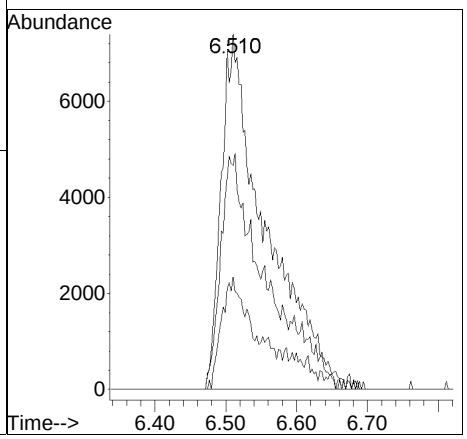


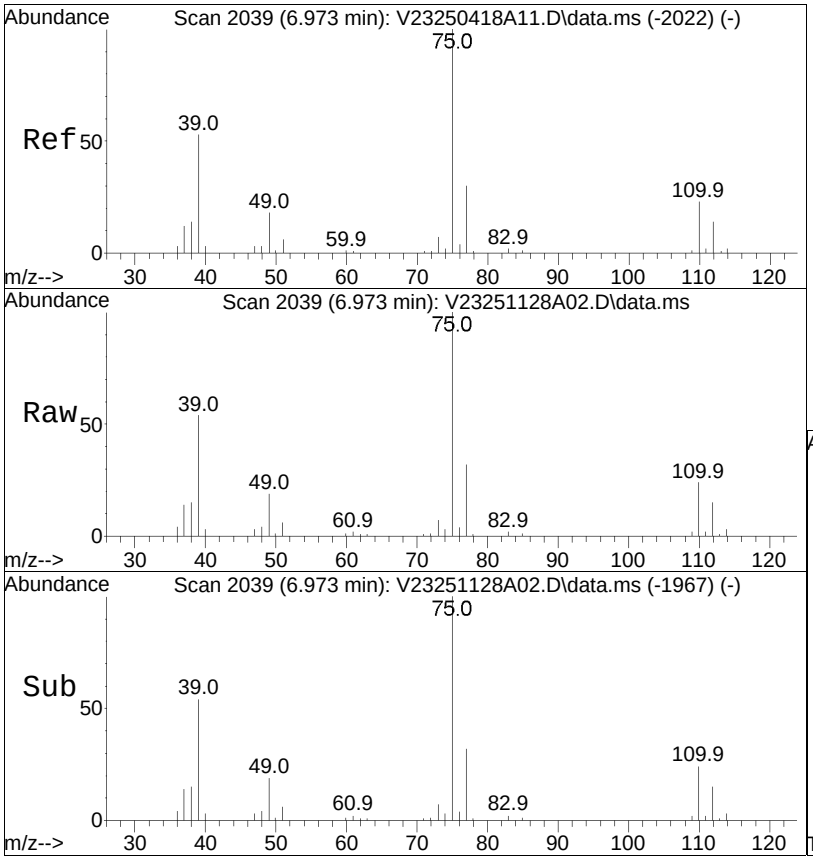


#57
1,4-Dioxane
Concen: 2170.55 ug/L M1
RT: 6.510 min Scan# 1873
Delta R.T. 0.008 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 88 Resp: 32444

Ion	Ratio	Lower	Upper
88	100		
58	33.0	50.2	75.2#
43	7.5	19.1	28.7#

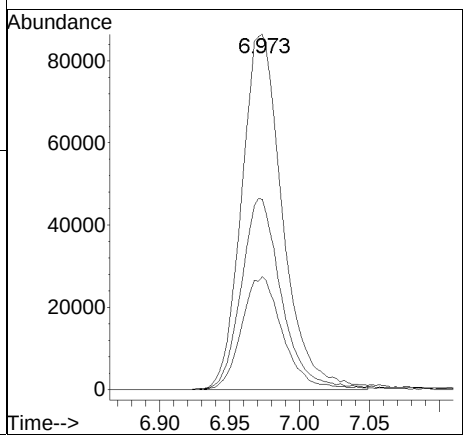


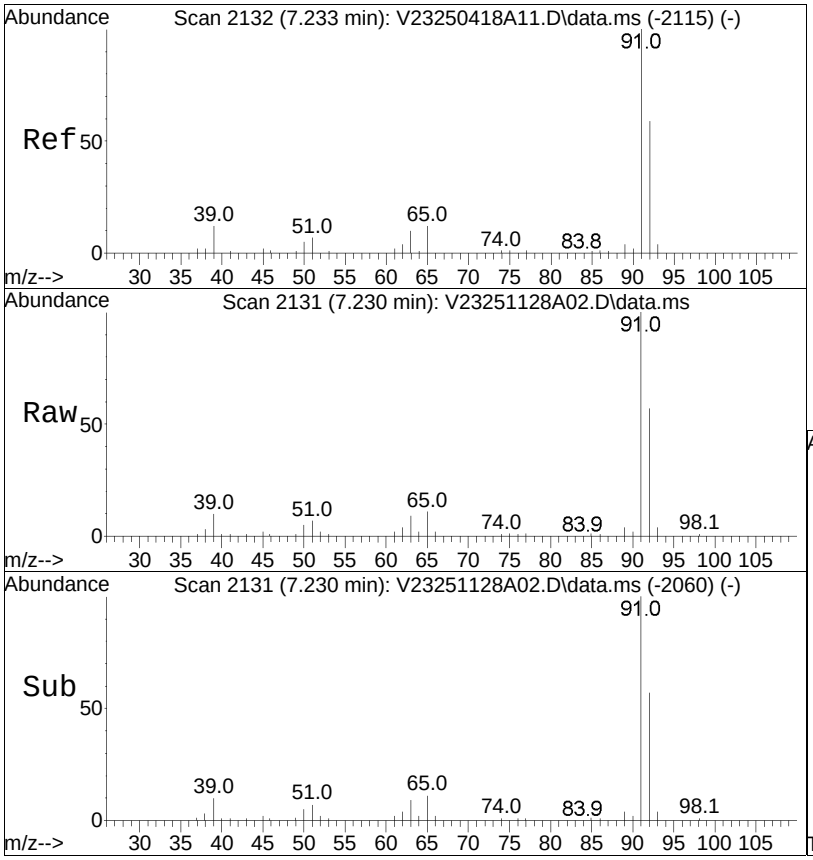


#58
cis-1,3-Dichloropropene
Concen: 44.13 ug/L
RT: 6.973 min Scan# 2039
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 75 Resp: 175712

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.9	38.9
39	52.3	34.5	51.7#

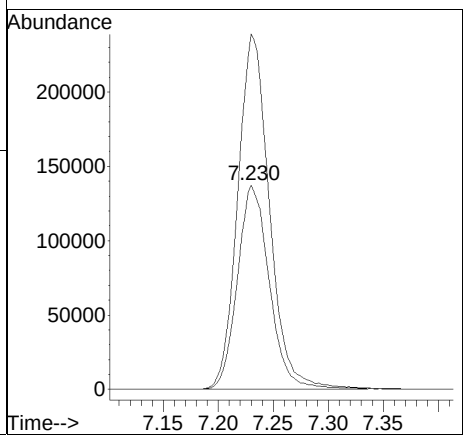


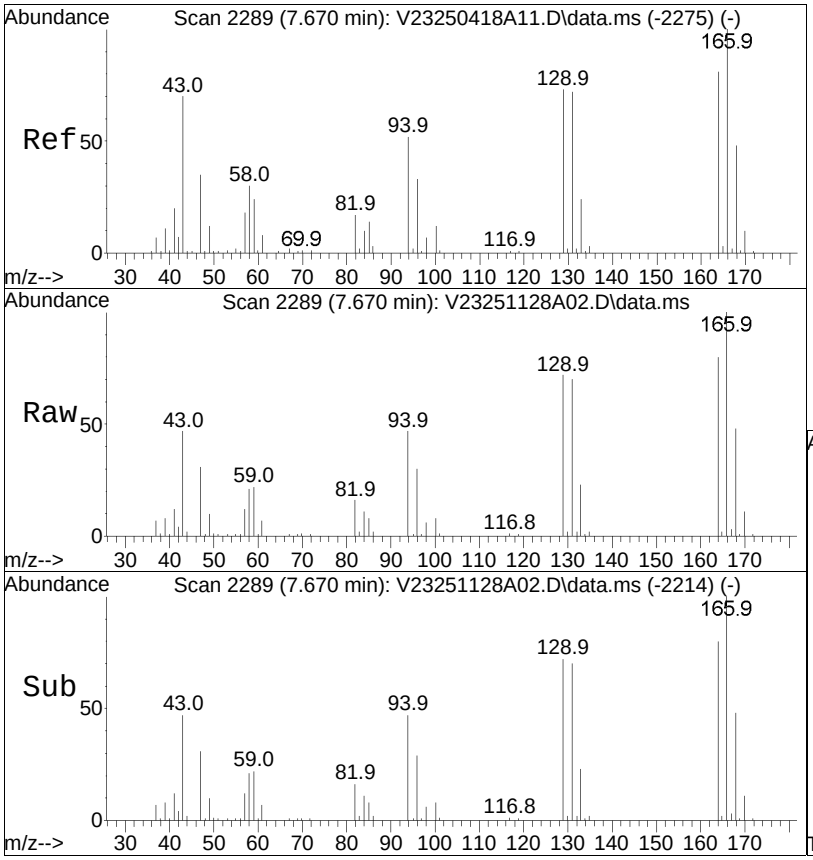


#61
Toluene
Concen: 43.92 ug/L
RT: 7.230 min Scan# 2131
Delta R.T. -0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 92 Resp: 277945

Ion	Ratio	Lower	Upper
92	100		
91	172.8	136.4	204.6

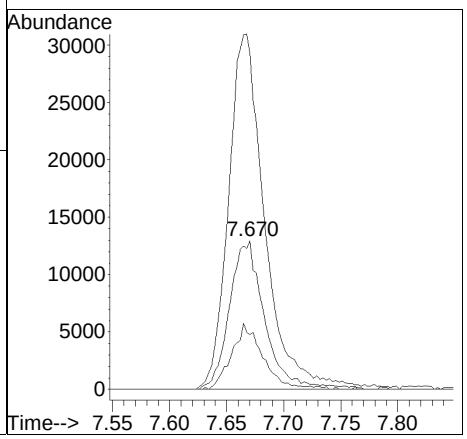


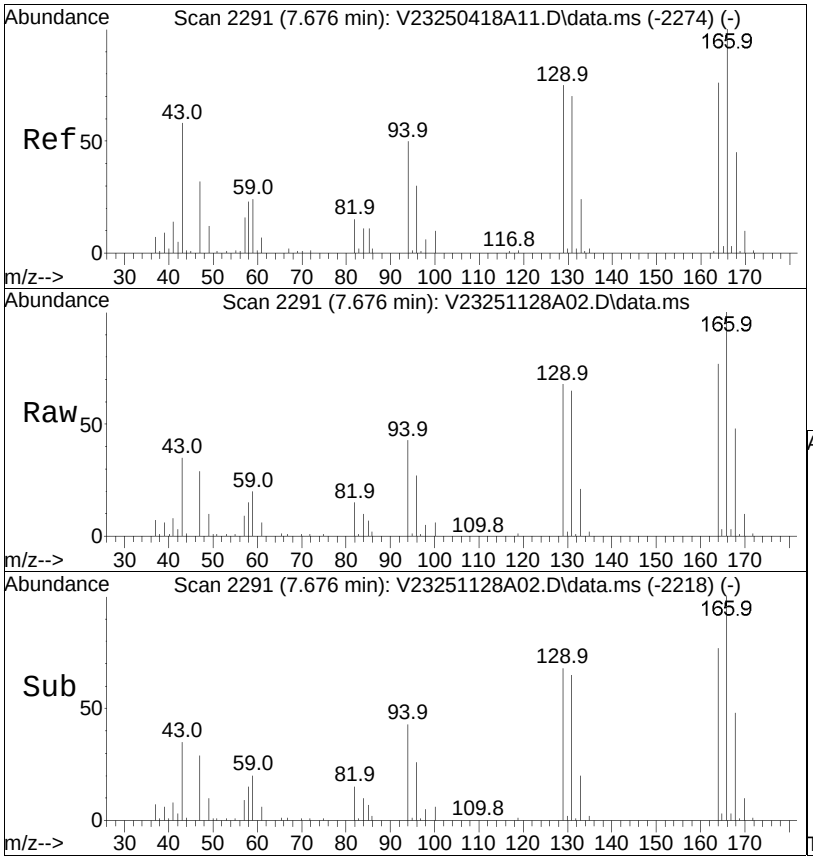


#62
4-Methyl-2-pentanone
Concen: 41.37 ug/L
RT: 7.670 min Scan# 2289
Delta R.T. 0.008 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 58 Resp: 27878

Ion	Ratio	Lower	Upper
58	100		
100	38.8	33.1	49.7
43	245.0	179.0	268.6

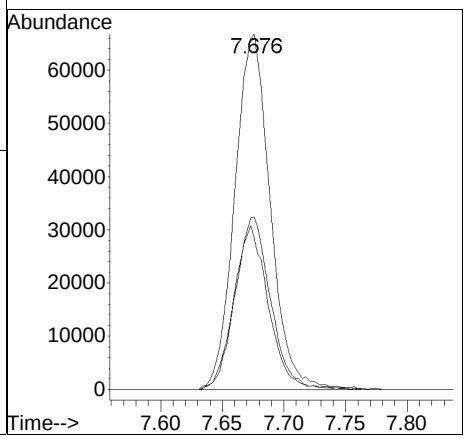


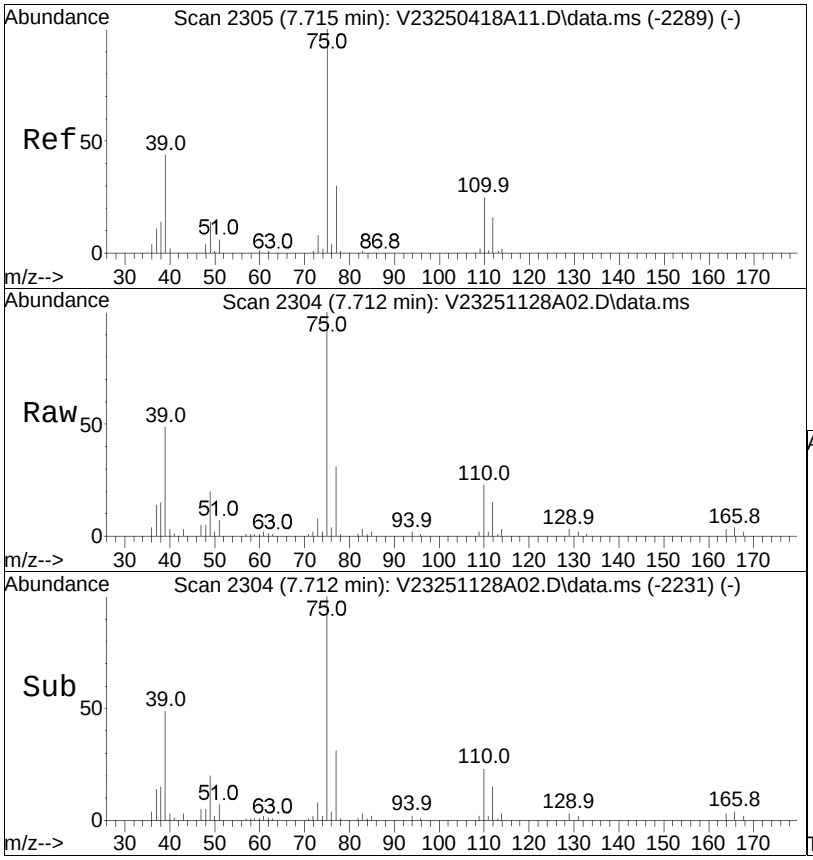


#63
Tetrachloroethene
Concen: 49.08 ug/L
RT: 7.676 min Scan# 2291
Delta R.T. 0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:166 Resp: 133623

Ion	Ratio	Lower	Upper
166	100		
168	47.7	28.0	68.0
94	44.8	23.3	63.3

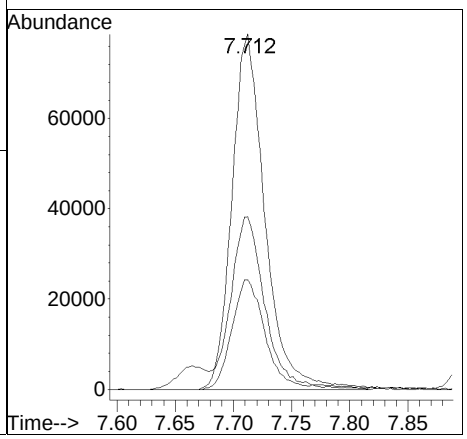


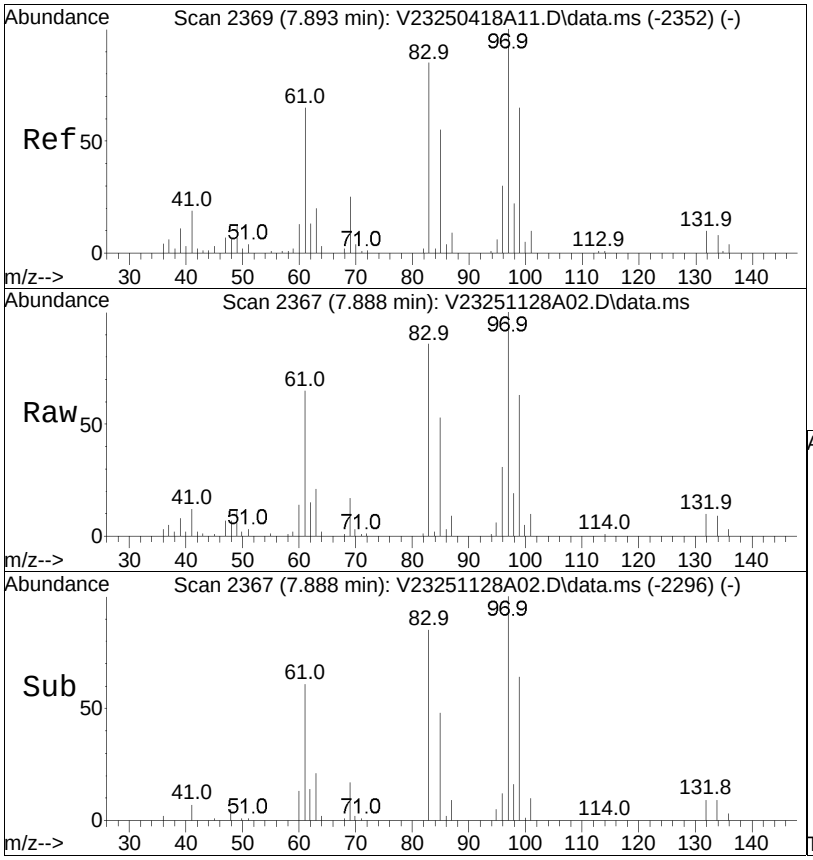


#65
trans-1,3-Dichloropropene
Concen: 43.61 ug/L
RT: 7.712 min Scan# 2304
Delta R.T. 0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 75 Resp: 155455

Ion	Ratio	Lower	Upper
75	100		
77	30.8	12.7	52.7
39	49.8	29.5	69.5

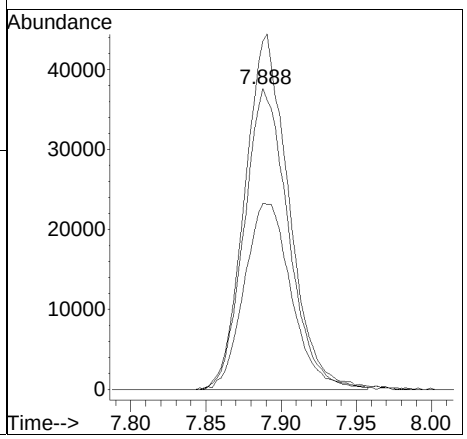


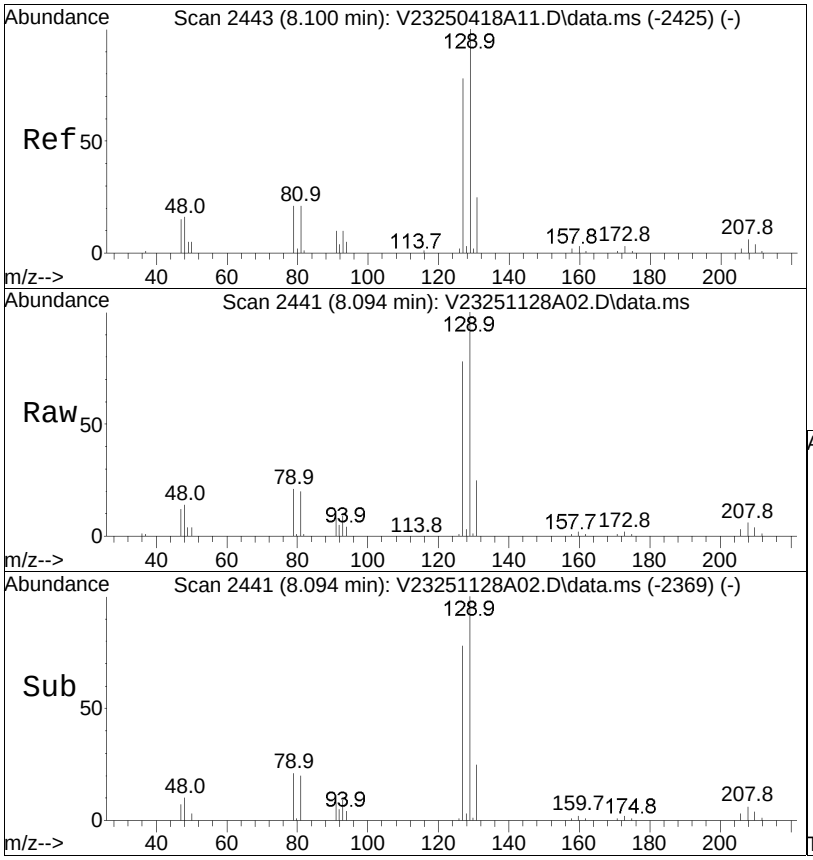


#68
1,1,2-Trichloroethane
Concen: 42.42 ug/L
RT: 7.888 min Scan# 2367
Delta R.T. -0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 83 Resp: 77106

Ion	Ratio	Lower	Upper
83	100		
97	117.9	99.1	139.1
85	66.0	46.8	86.8

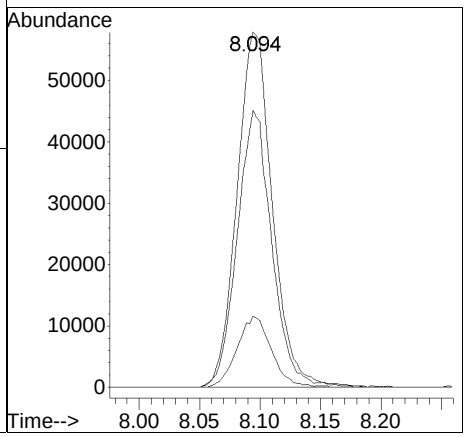


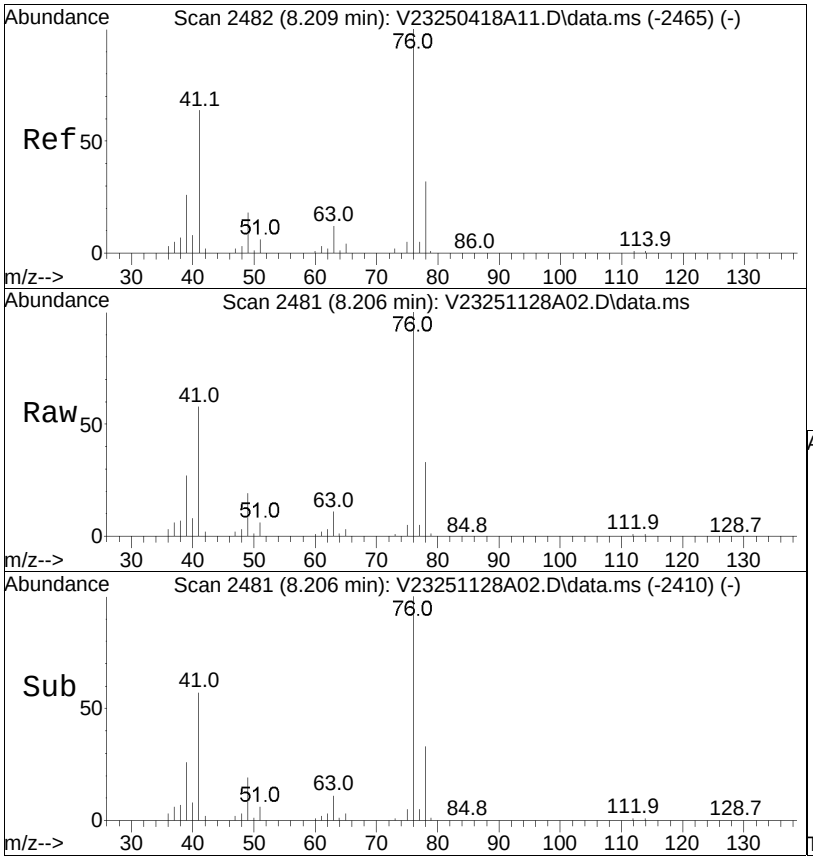


#69
Chlorodibromomethane
Concen: 45.24 ug/L
RT: 8.094 min Scan# 2441
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:129 Resp: 118146

Ion	Ratio	Lower	Upper
129	100		
81	19.4	0.0	35.1
127	75.6	57.6	97.6

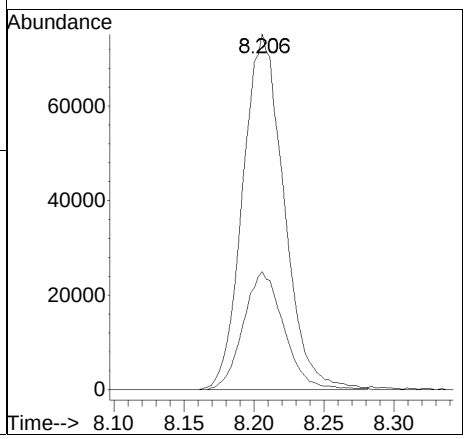


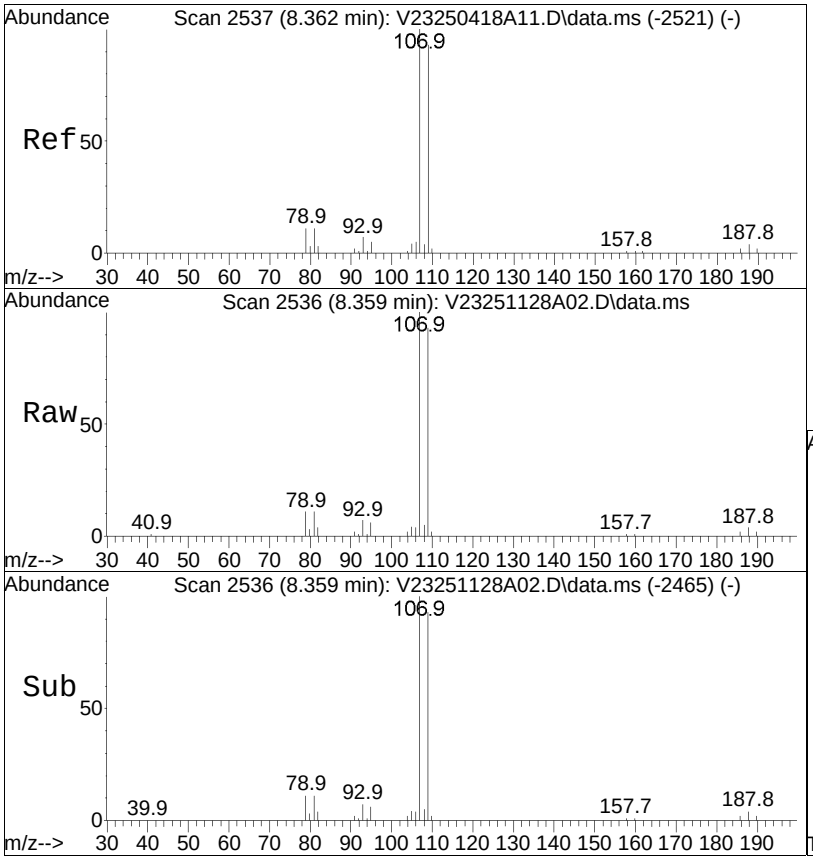


#70
1,3-Dichloropropane
Concen: 42.78 ug/L
RT: 8.206 min Scan# 2481
Delta R.T. -0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 76 Resp: 153542

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.2

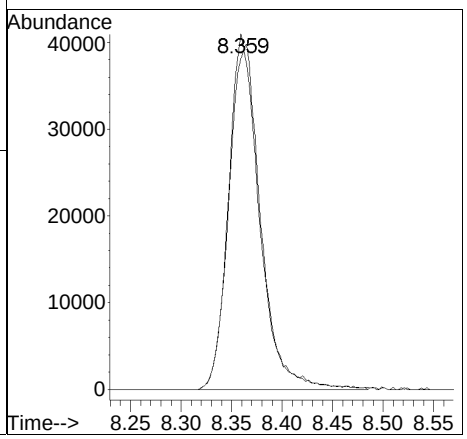


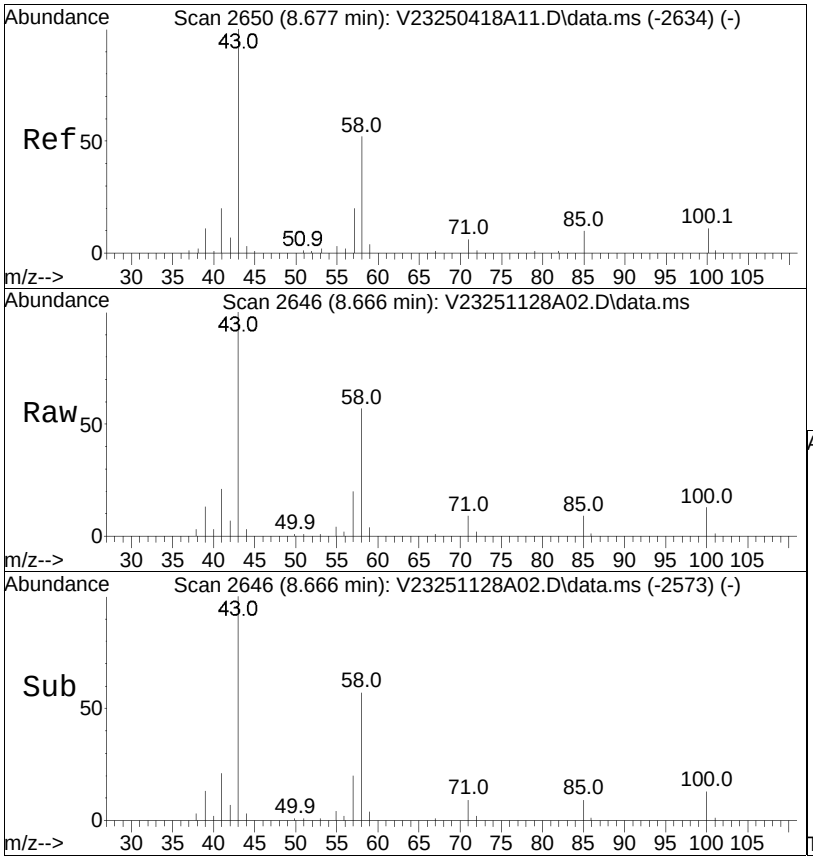


#71
1,2-Dibromoethane
Concen: 44.43 ug/L
RT: 8.359 min Scan# 2536
Delta R.T. -0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:107 Resp: 89653

Ion	Ratio	Lower	Upper
107	100		
109	94.4	76.1	114.1

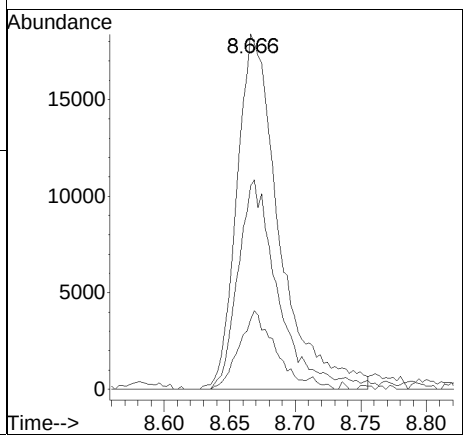


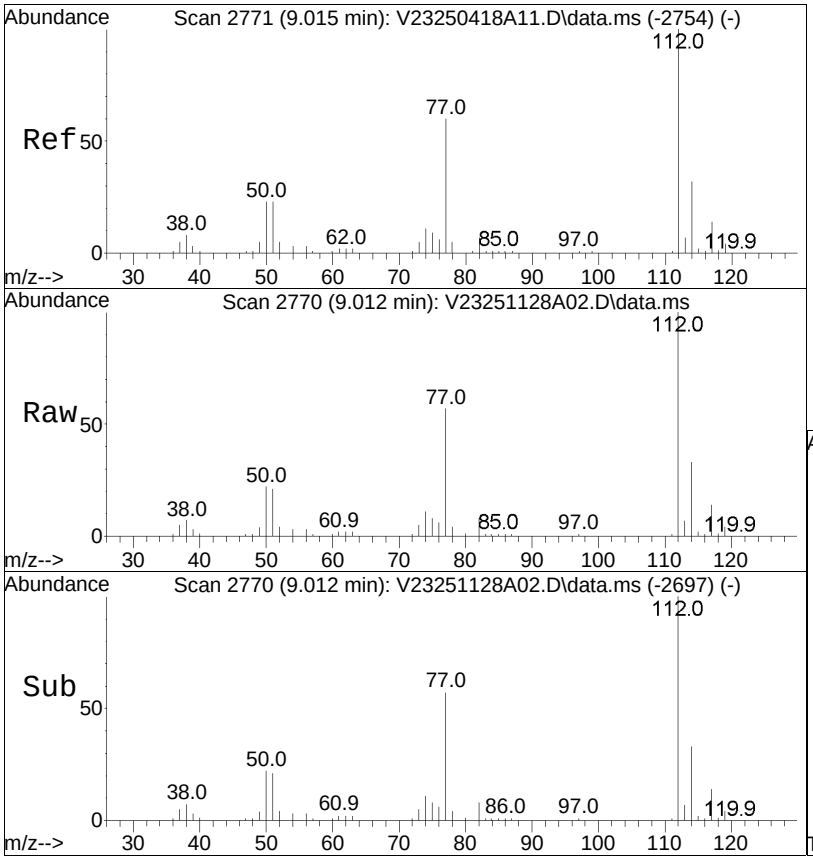


#72
2-Hexanone
Concen: 34.37 ug/L
RT: 8.666 min Scan# 2646
Delta R.T. 0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 43 Resp: 41577

Ion	Ratio	Lower	Upper
43	100		
58	54.1	49.2	73.8
57	18.5	17.4	26.2

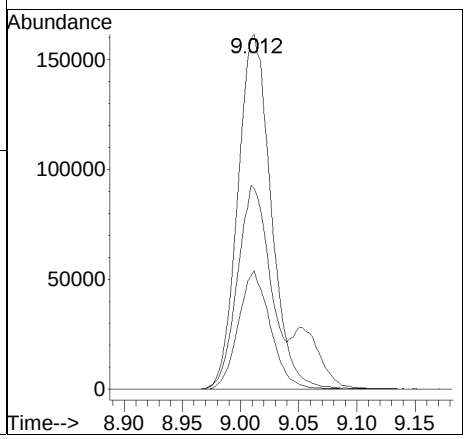


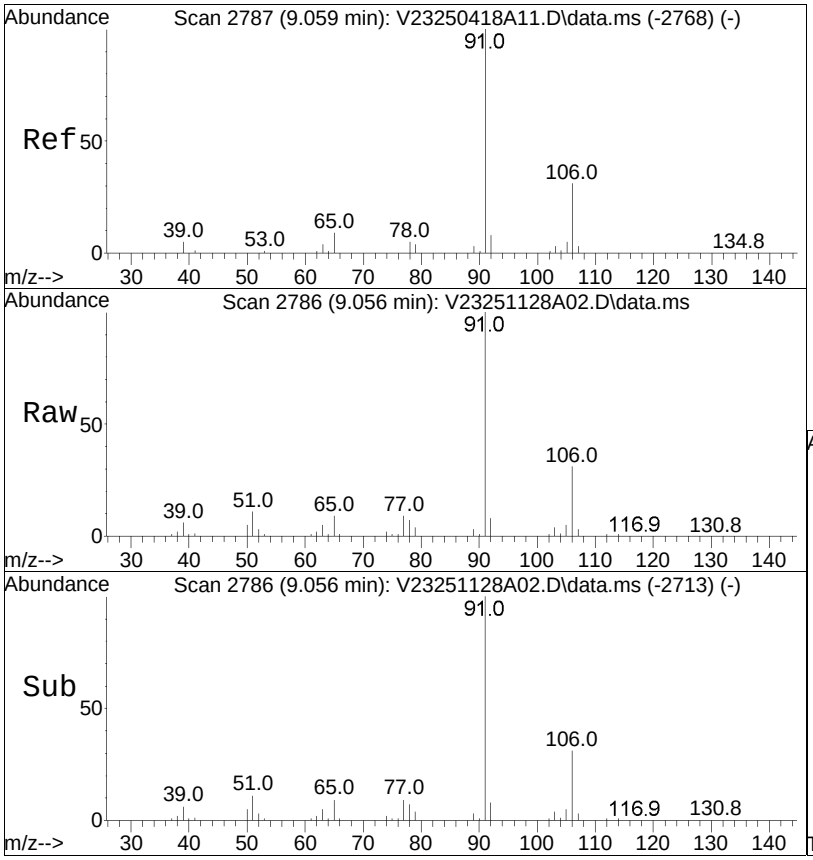


#73
Chlorobenzene
Concen: 44.50 ug/L
RT: 9.012 min Scan# 2770
Delta R.T. 0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:112 Resp: 321878

Ion	Ratio	Lower	Upper
112	100		
77	56.6	58.5	87.7#
114	32.4	25.8	38.6

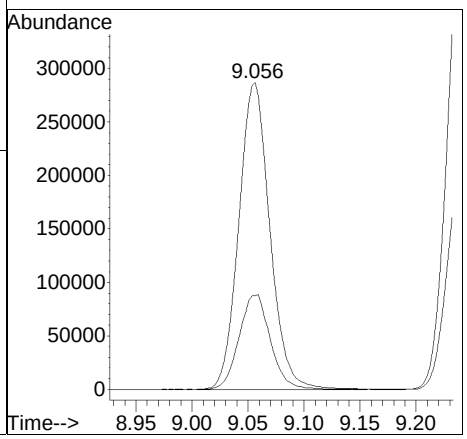


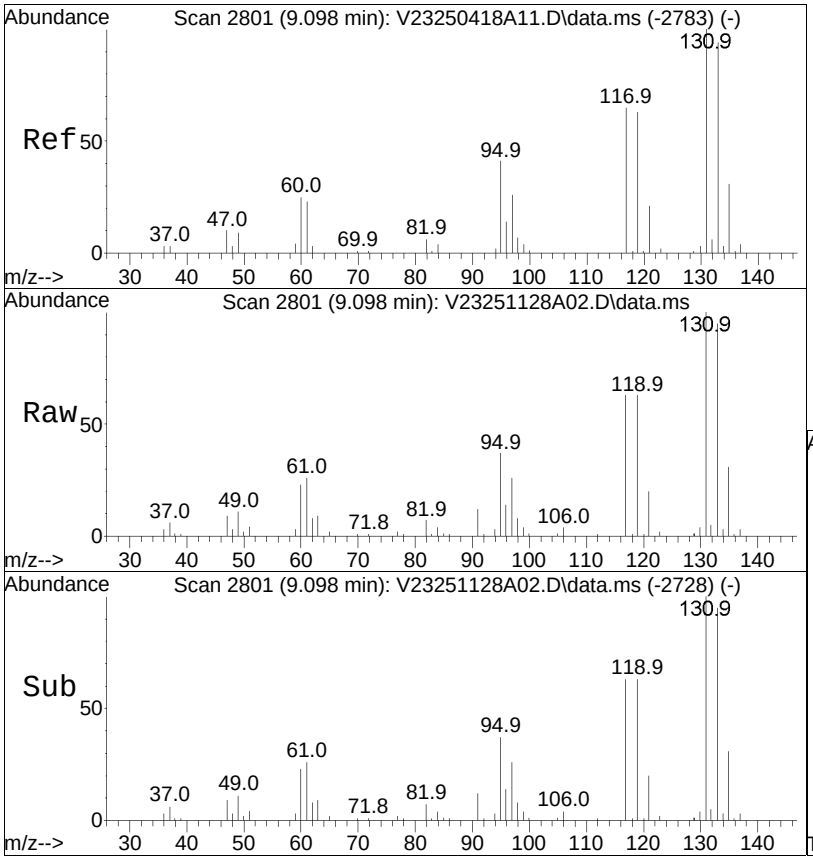


#74
Ethylbenzene
Concen: 44.08 ug/L
RT: 9.056 min Scan# 2786
Delta R.T. 0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 91 Resp: 552225

Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.2	37.8

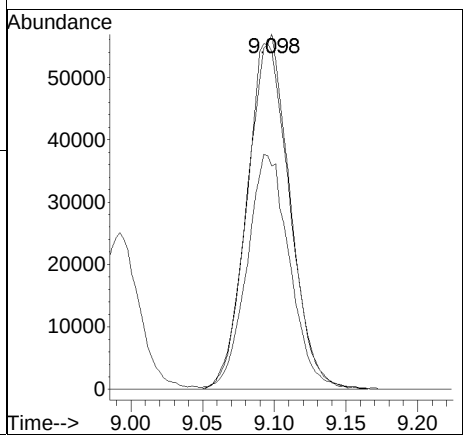


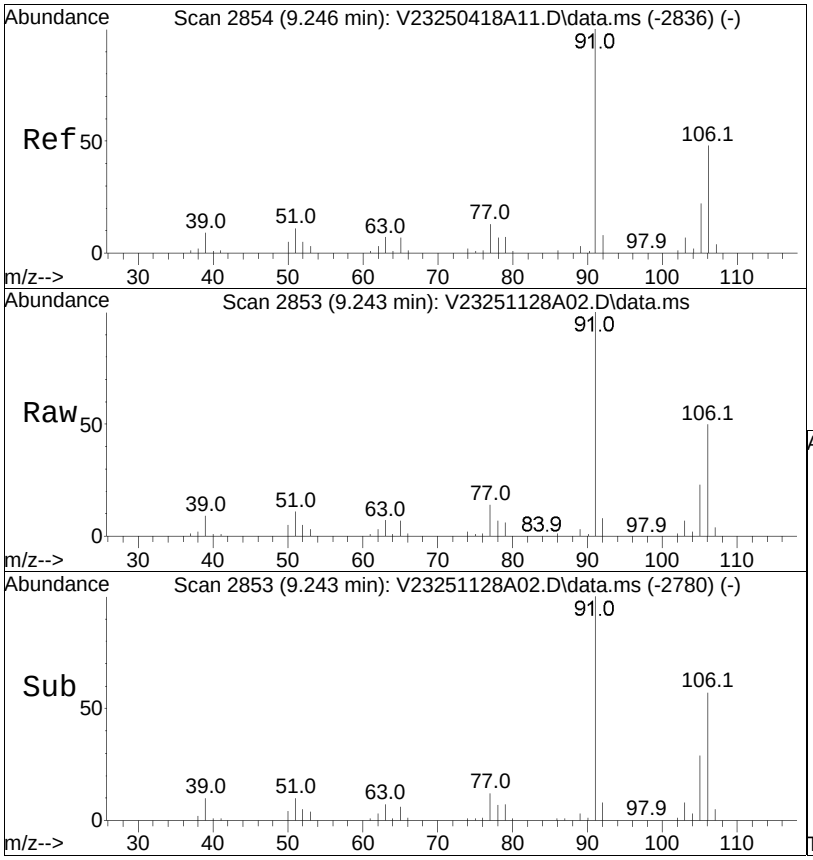


#75
1,1,1,2-Tetrachloroethane
Concen: 44.89 ug/L
RT: 9.098 min Scan# 2801
Delta R.T. 0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:131 Resp: 118628

Ion	Ratio	Lower	Upper
131	100		
133	96.8	75.5	115.5
119	65.8	46.0	86.0

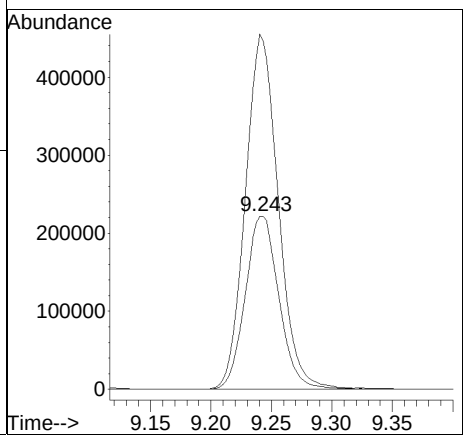


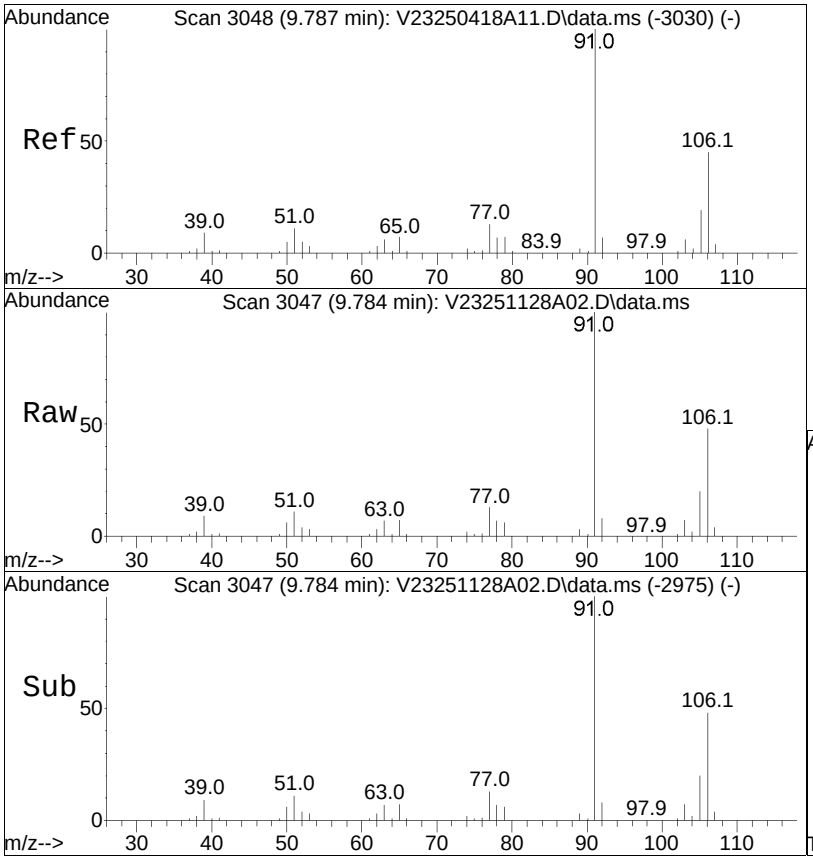


#76
p/m Xylene
Concen: 91.98 ug/L
RT: 9.243 min Scan# 2853
Delta R.T. 0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:106 Resp: 430873

Ion	Ratio	Lower	Upper
106	100		
91	199.7	160.4	240.6

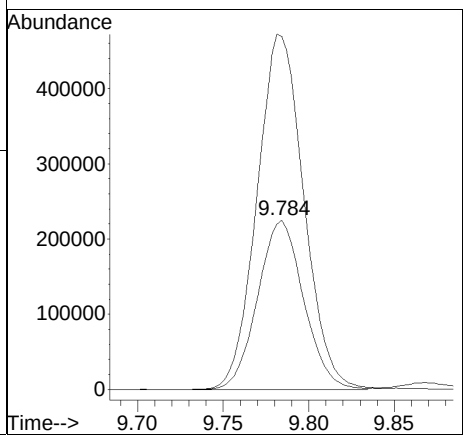


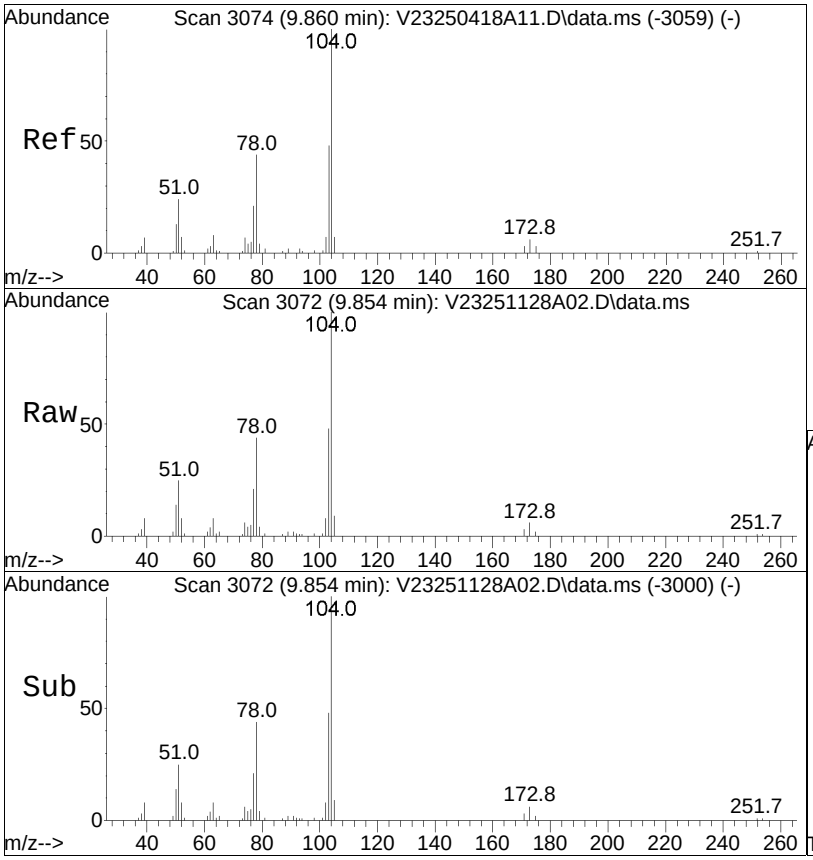


#77
o Xylene
Concen: 88.59 ug/L
RT: 9.784 min Scan# 3047
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:106 Resp: 418828

Ion	Ratio	Lower	Upper
106	100		
91	213.9	169.6	254.4

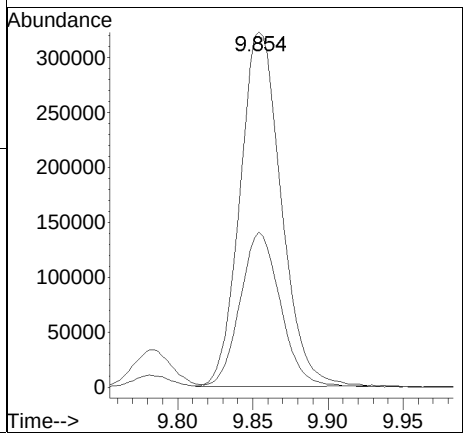


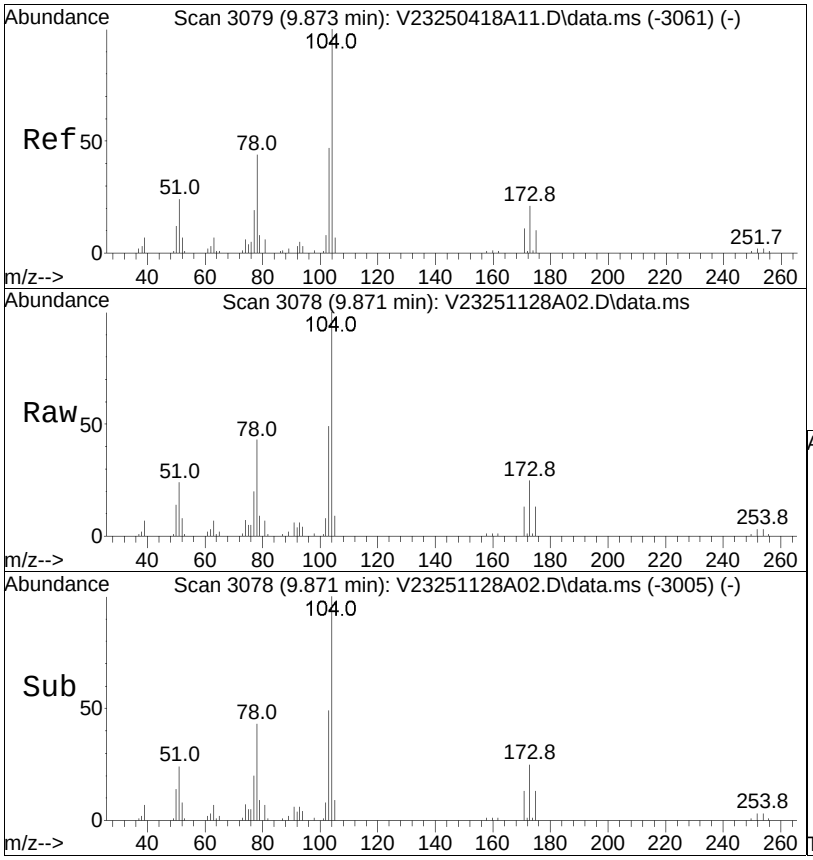


#78
Styrene
Concen: 77.54 ug/L
RT: 9.854 min Scan# 3072
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:104 Resp: 617667

Ion	Ratio	Lower	Upper
104	100		
78	42.8	33.8	50.6

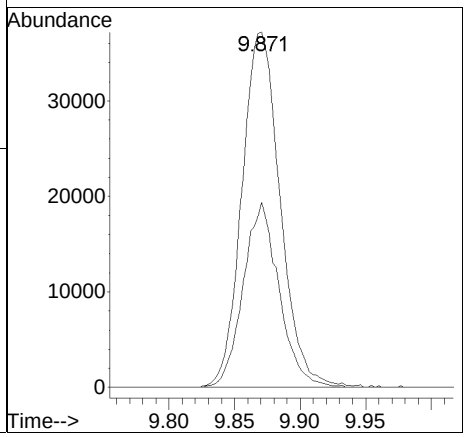


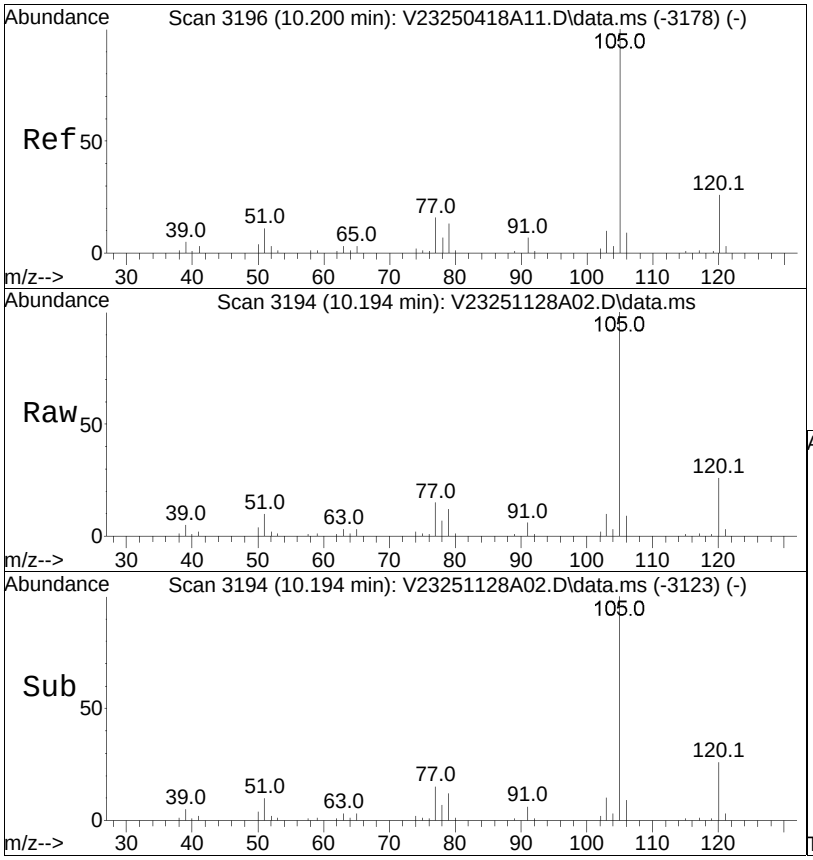


#80
Bromoform
Concen: 41.19 ug/L
RT: 9.871 min Scan# 3078
Delta R.T. 0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:173 Resp: 75696

Ion	Ratio	Lower	Upper
173	100		
175	48.7	28.7	68.7

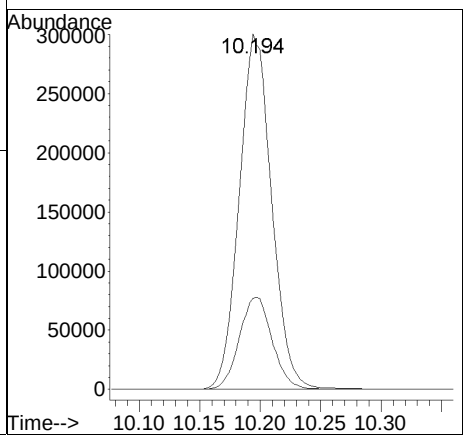


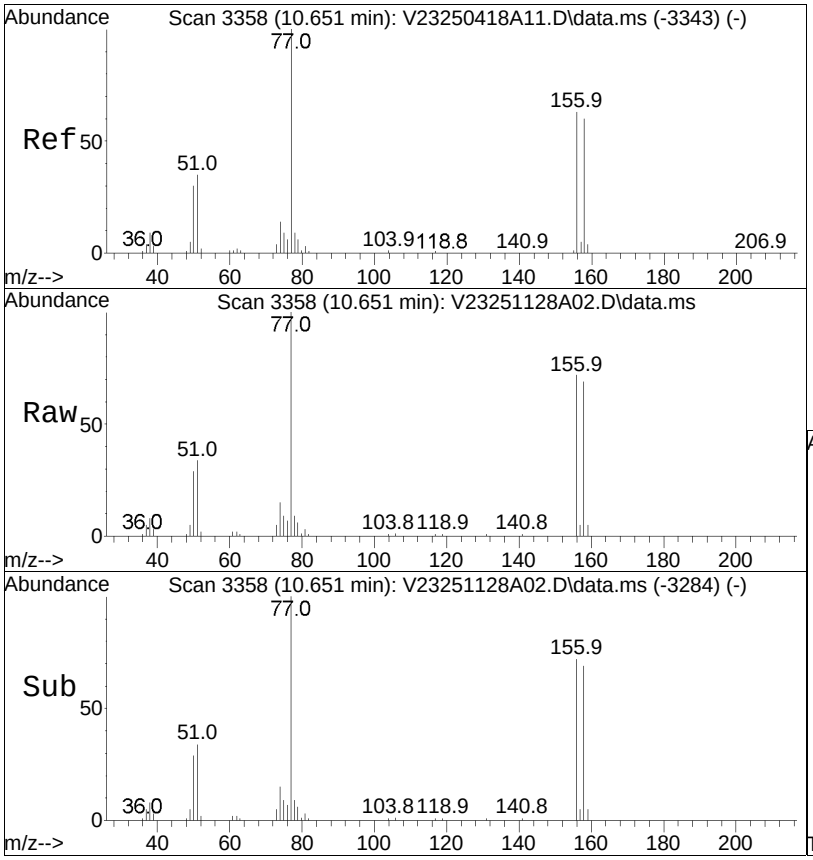


#82
Isopropylbenzene
Concen: 44.14 ug/L
RT: 10.194 min Scan# 3194
Delta R.T. -0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:105 Resp: 560208

Ion	Ratio	Lower	Upper
105	100		
120	26.3	6.6	46.6

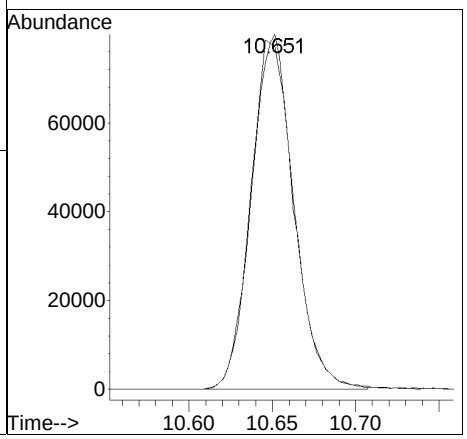


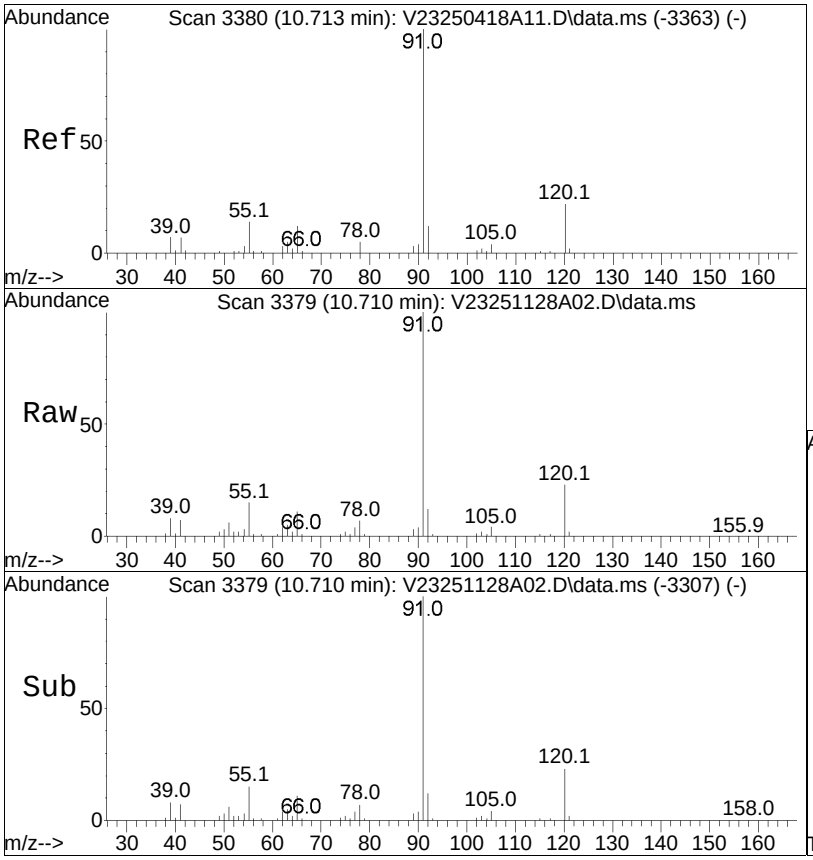


#84
Bromobenzene
Concen: 41.97 ug/L
RT: 10.651 min Scan# 3358
Delta R.T. 0.005 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:156 Resp: 143567

Ion	Ratio	Lower	Upper
156	100		
158	97.7	77.7	116.5

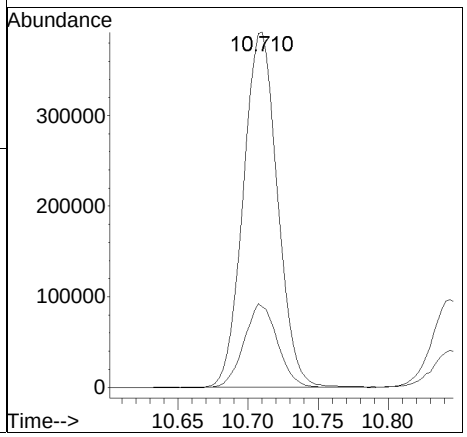


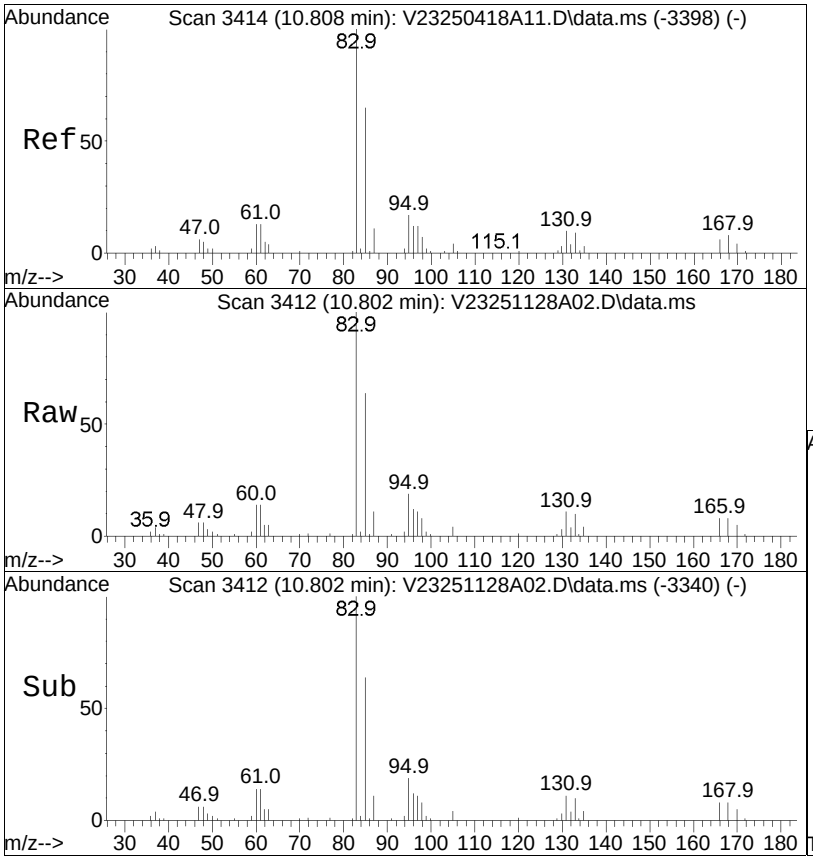


#85
n-Propylbenzene
Concen: 44.02 ug/L
RT: 10.710 min Scan# 3379
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 91 Resp: 665088

Ion	Ratio	Lower	Upper
91	100		
120	23.0	18.2	27.2

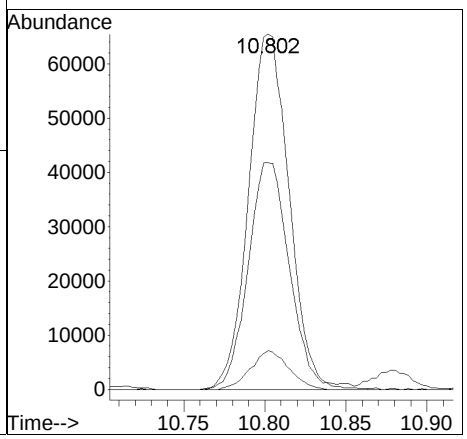


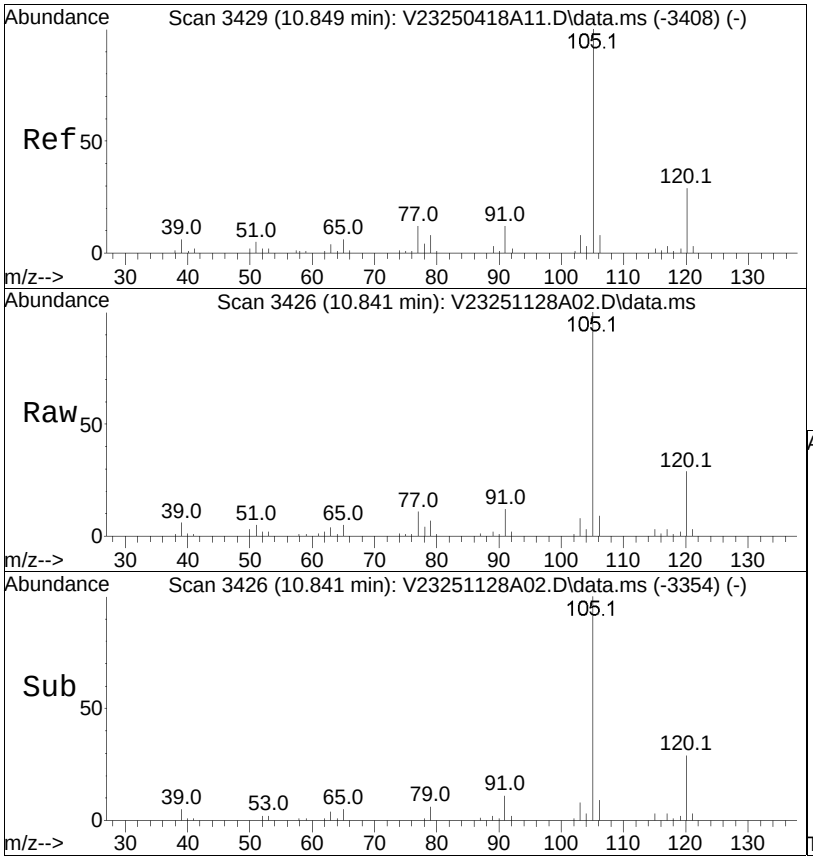


#87
1,1,2,2-Tetrachloroethane
Concen: 40.74 ug/L
RT: 10.802 min Scan# 3412
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 83 Resp: 113778

Ion	Ratio	Lower	Upper
83	100		
131	10.3	0.0	30.1
85	64.9	45.1	85.1

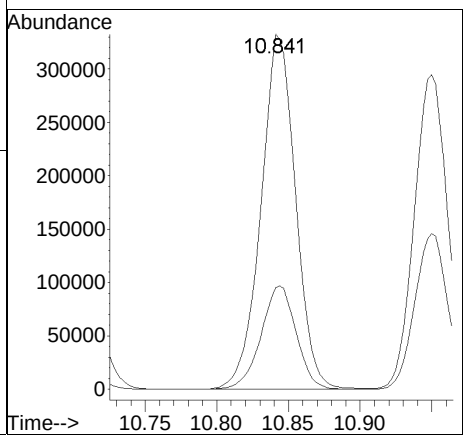


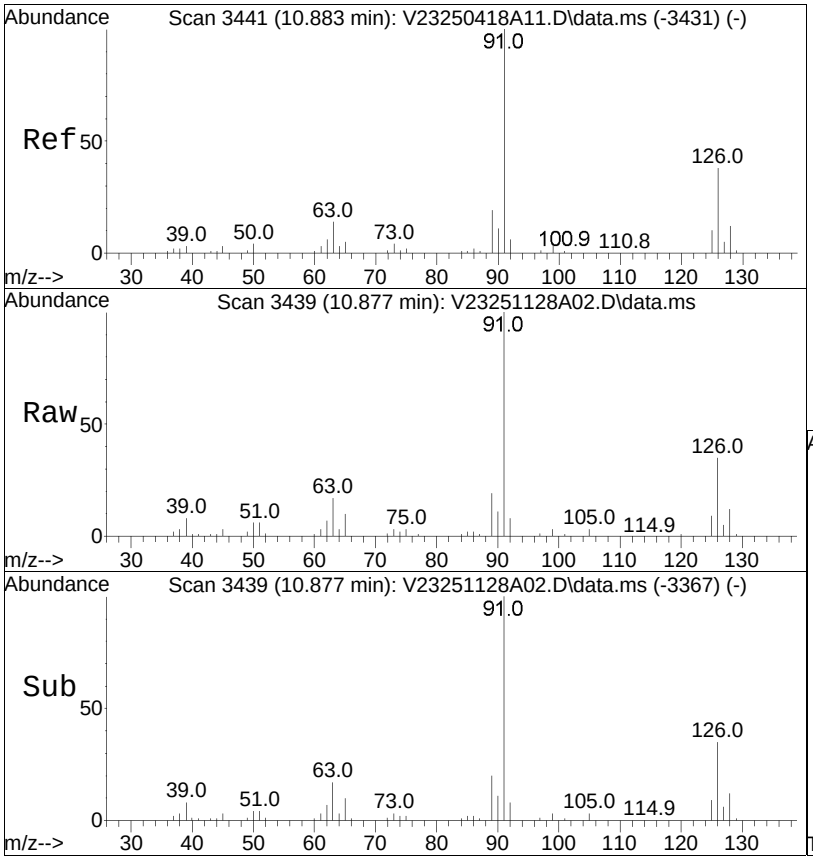


#88
4-Ethyltoluene
Concen: 44.40 ug/L
RT: 10.841 min Scan# 3426
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:105 Resp: 558227

Ion	Ratio	Lower	Upper
105	100		
120	29.7	19.4	40.4

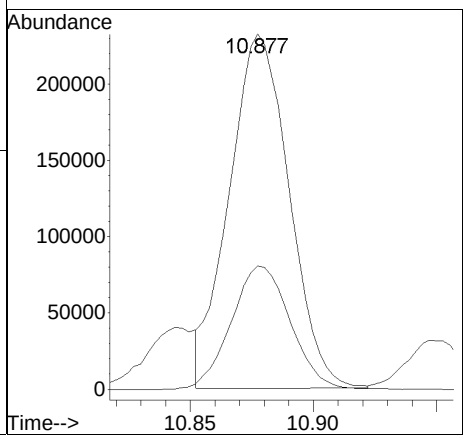


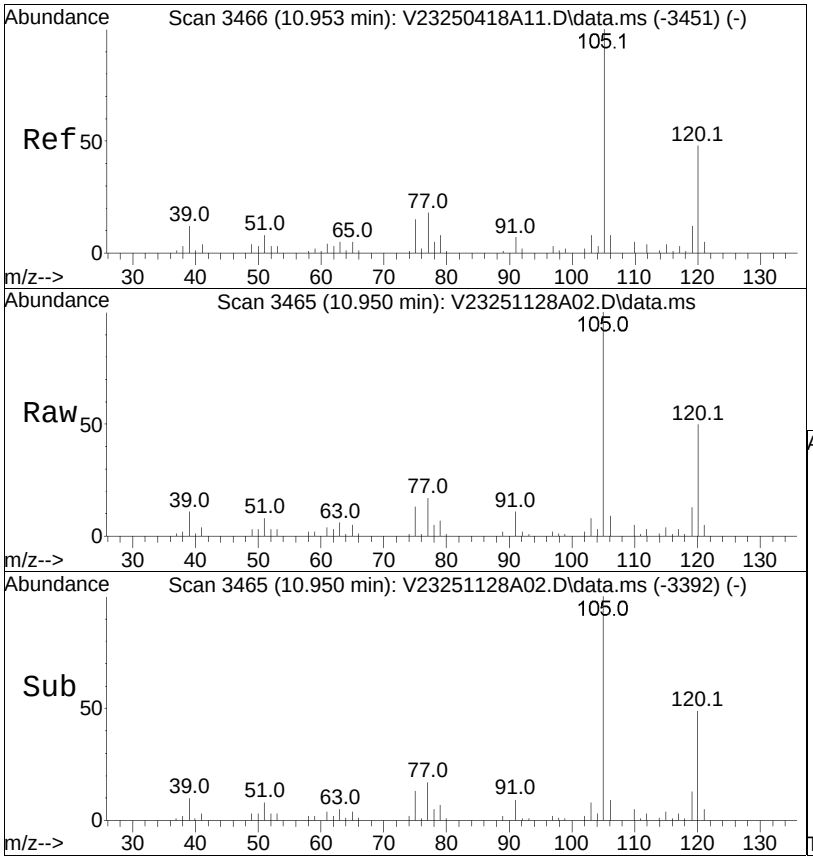


#89
2-Chlorotoluene
Concen: 41.57 ug/L
RT: 10.877 min Scan# 3439
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 91 Resp: 392146

Ion	Ratio	Lower	Upper
91	100		
126	34.4	26.7	40.1

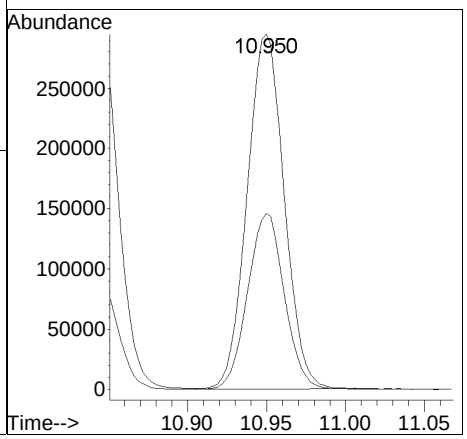


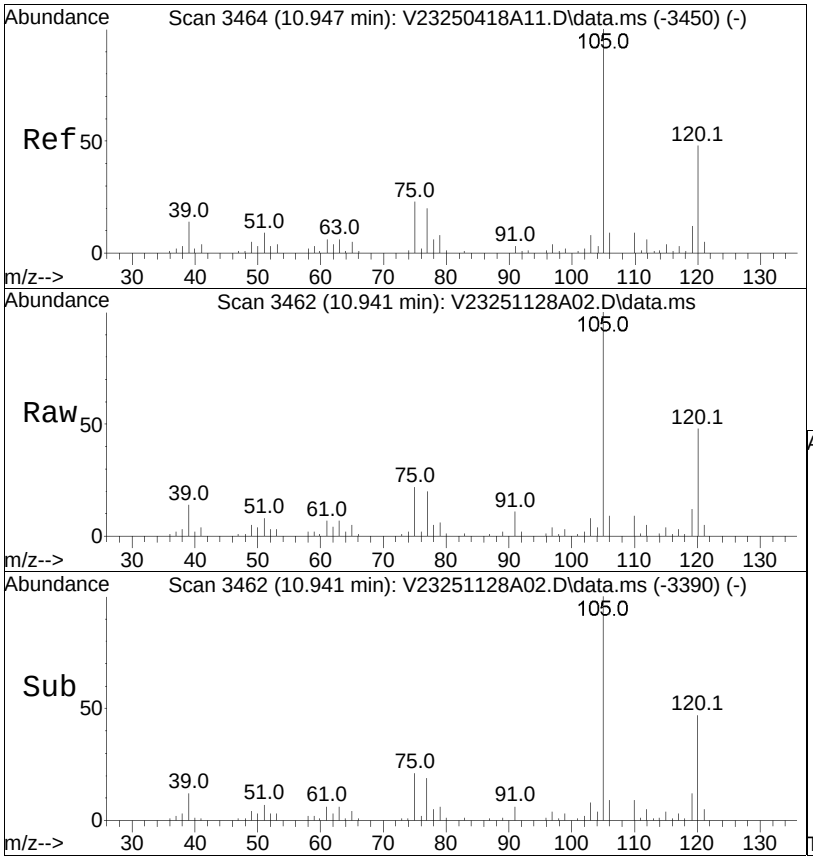


#90
1,3,5-Trimethylbenzene
Concen: 43.03 ug/L
RT: 10.950 min Scan# 3465
Delta R.T. 0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:105 Resp: 479854

Ion	Ratio	Lower	Upper
105	100		
120	49.3	39.9	59.9

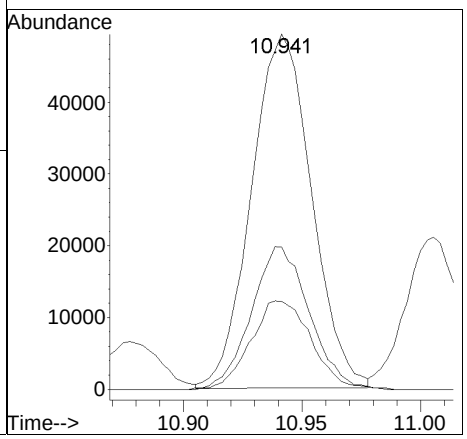


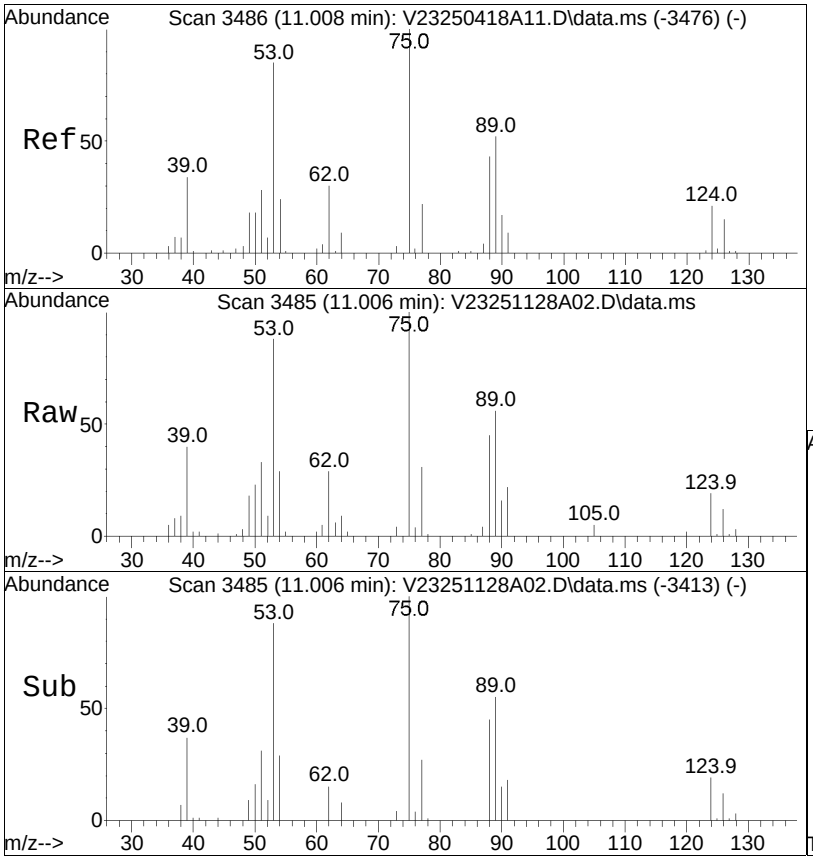


#91
1,2,3-Trichloropropane
Concen: 39.43 ug/L
RT: 10.941 min Scan# 3462
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 75 Resp: 87050

Ion	Ratio	Lower	Upper
75	100		
110	38.8	24.6	51.0
112	25.1	15.7	32.5

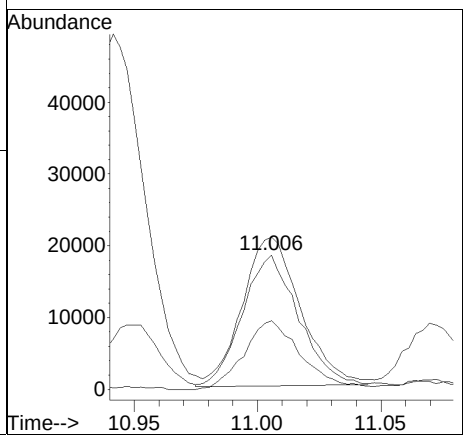


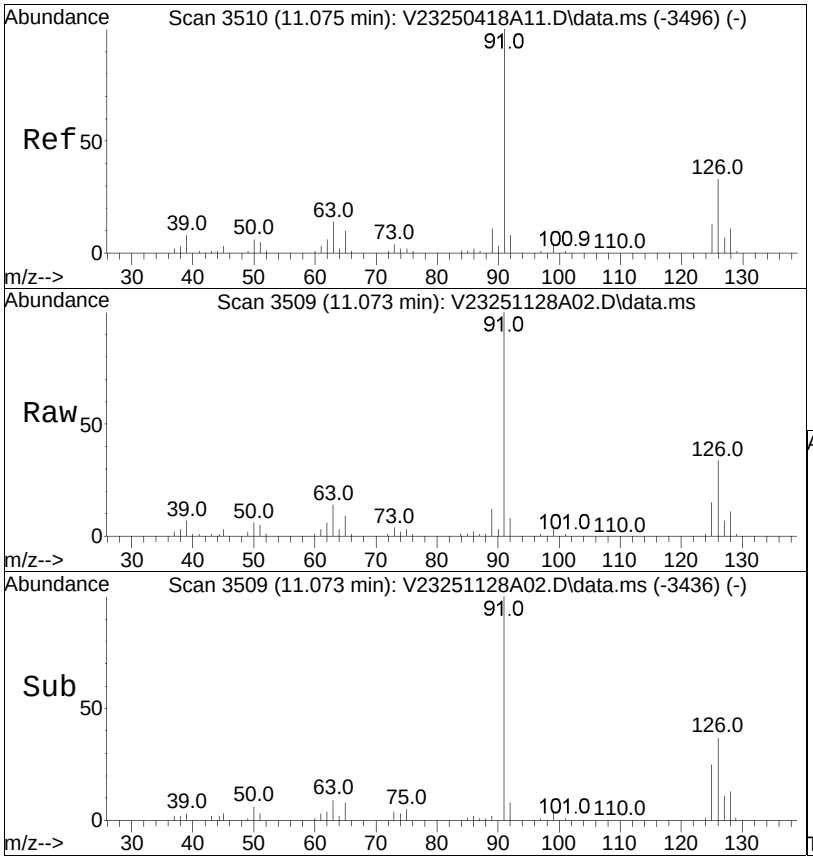


#92
trans-1,4-Dichloro-2-butene
Concen: 36.90 ug/L
RT: 11.006 min Scan# 3485
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 53 Resp: 28787

Ion	Ratio	Lower	Upper
53	100		
88	54.0	45.1	67.7
75	121.7	116.5	174.7

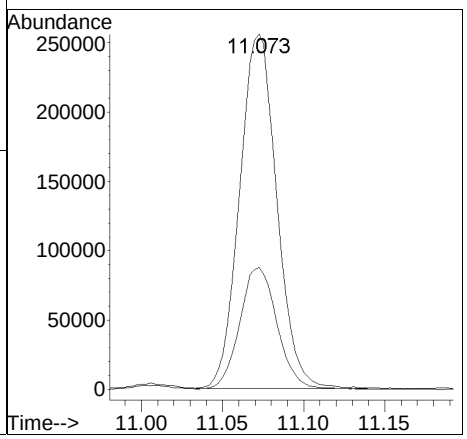


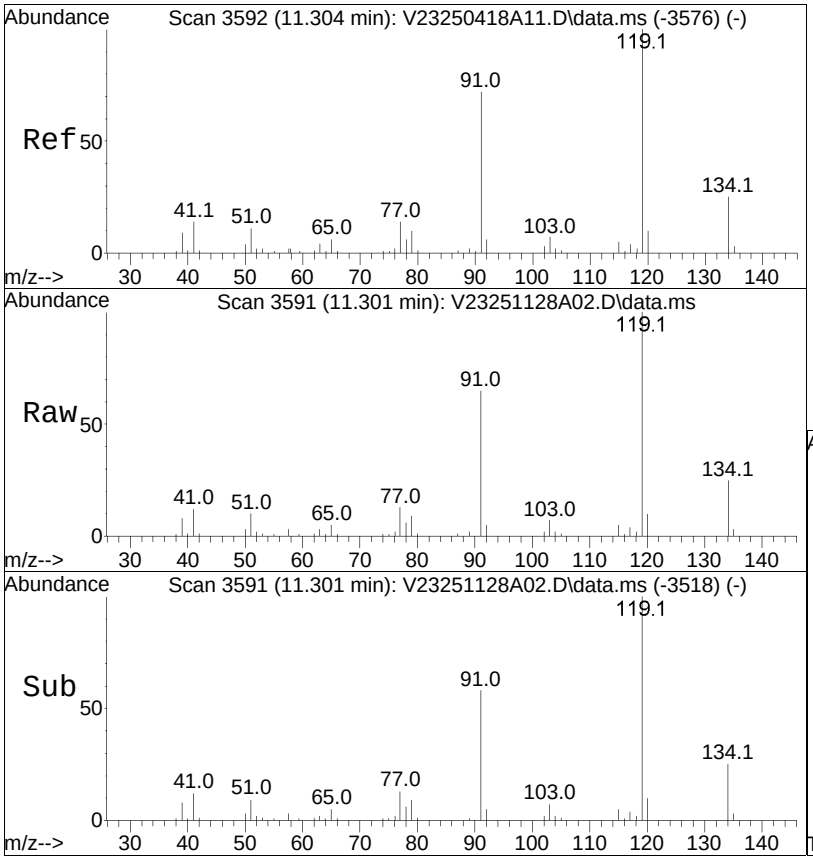


#93
4-Chlorotoluene
Concen: 42.47 ug/L
RT: 11.073 min Scan# 3509
Delta R.T. 0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 91 Resp: 407171

Ion	Ratio	Lower	Upper
91	100		
126	34.7	26.9	40.3

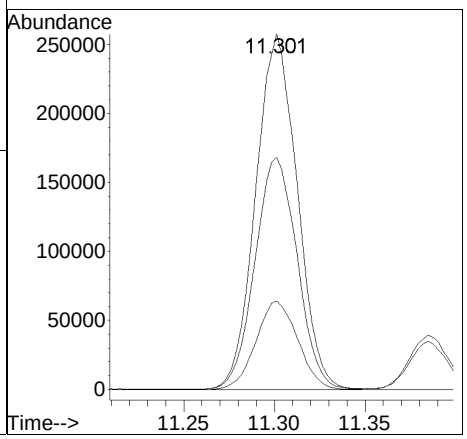


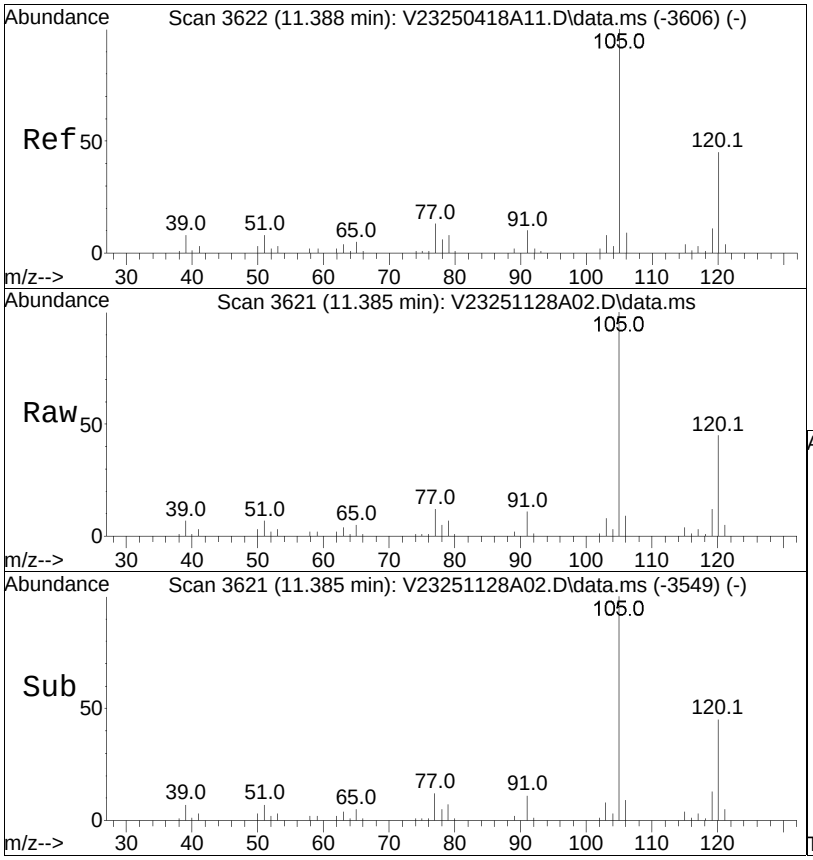


#94
tert-Butylbenzene
Concen: 43.82 ug/L
RT: 11.301 min Scan# 3591
Delta R.T. 0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:119 Resp: 409132

Ion	Ratio	Lower	Upper
119	100		
91	66.3	53.1	79.7
134	25.0	20.4	30.6

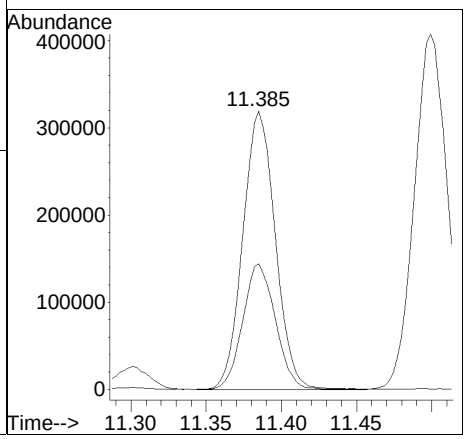


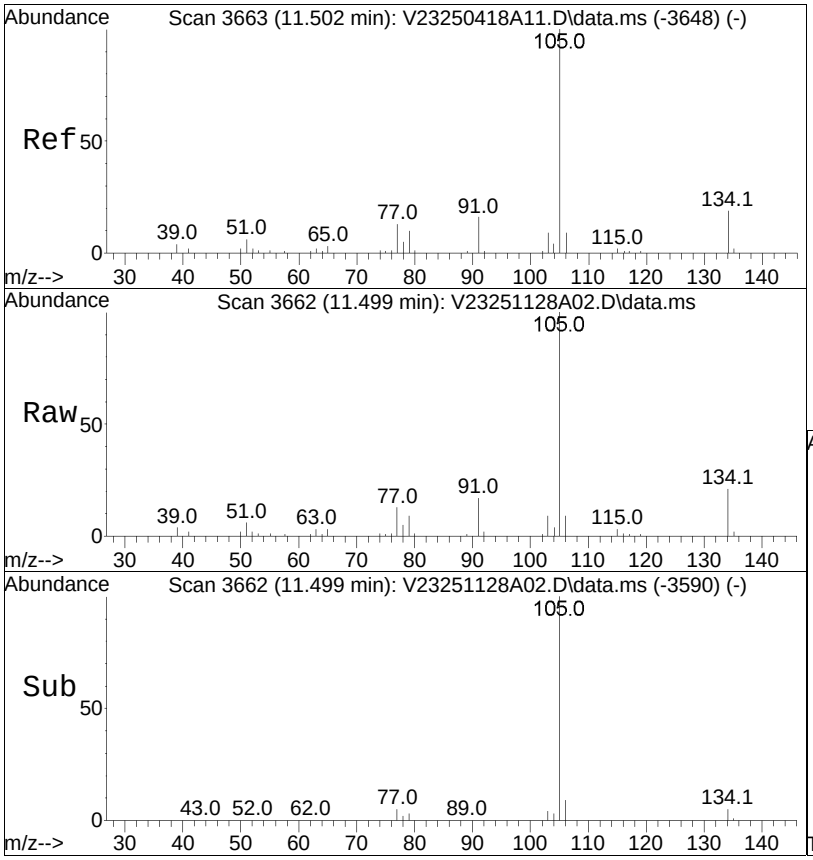


#97
1,2,4-Trimethylbenzene
Concen: 43.26 ug/L
RT: 11.385 min Scan# 3621
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:105 Resp: 479474

Ion	Ratio	Lower	Upper
105	100		
120	45.3	36.9	55.3

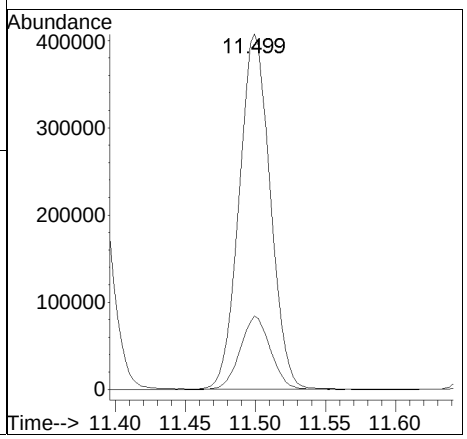


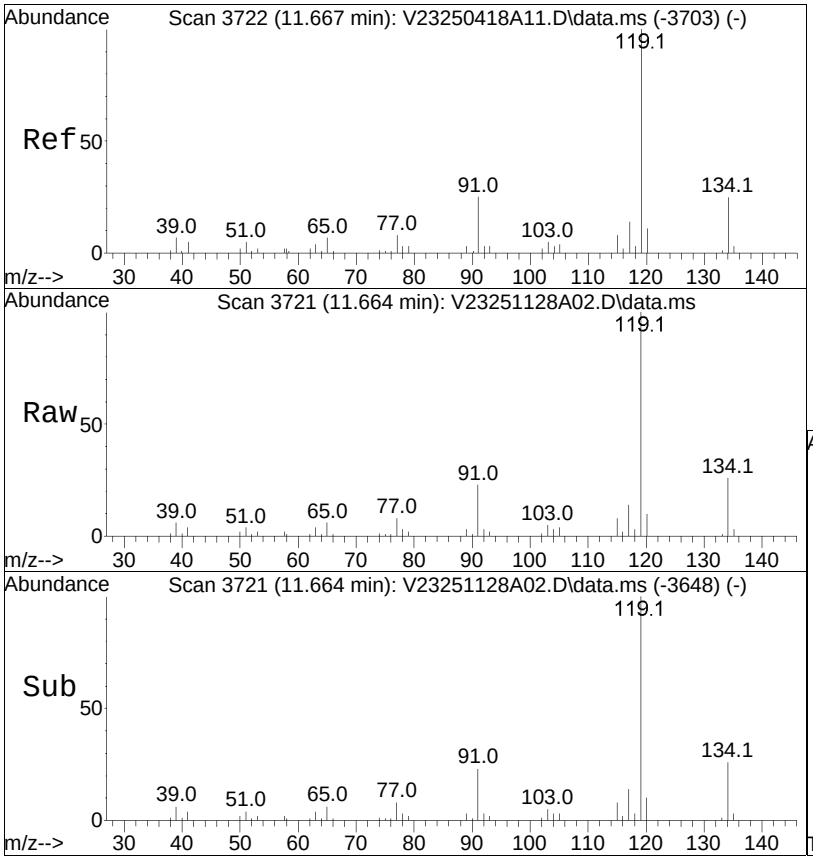


#98
sec-Butylbenzene
Concen: 44.96 ug/L
RT: 11.499 min Scan# 3662
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:105 Resp: 628007

Ion	Ratio	Lower	Upper
105	100		
134	20.1	13.1	27.1

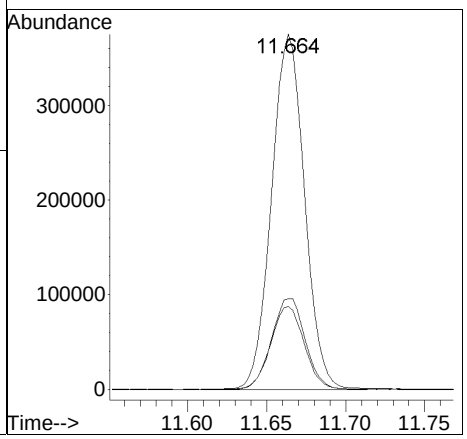


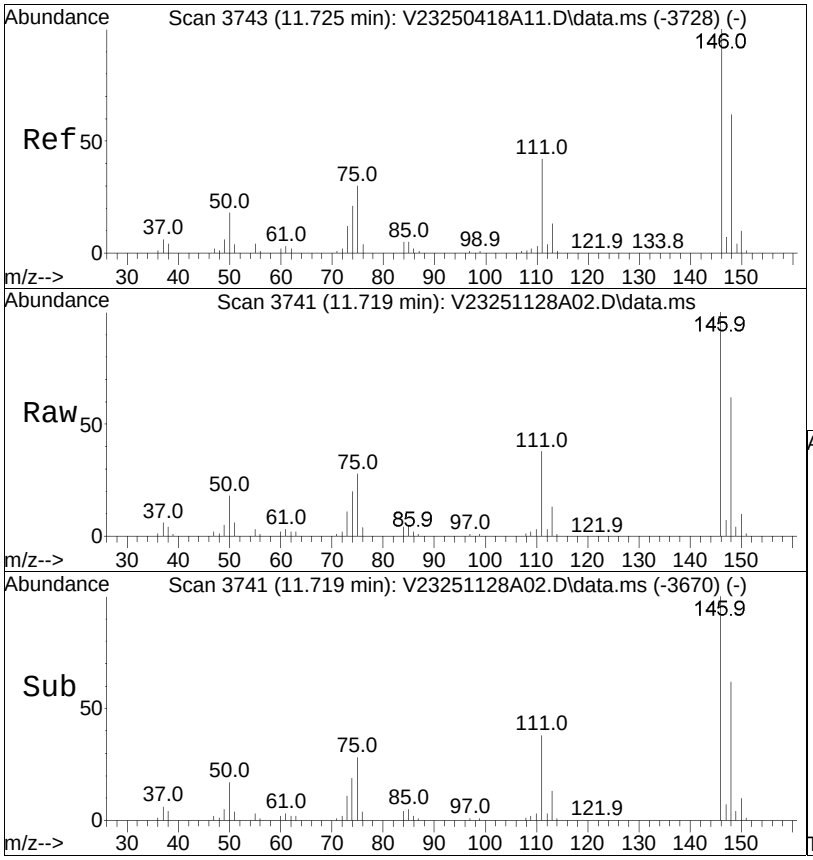


#99
p-Isopropyltoluene
Concen: 45.11 ug/L
RT: 11.664 min Scan# 3721
Delta R.T. 0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:119 Resp: 545750

Ion	Ratio	Lower	Upper
119	100		
134	26.2	17.2	35.6
91	23.9	15.1	31.3

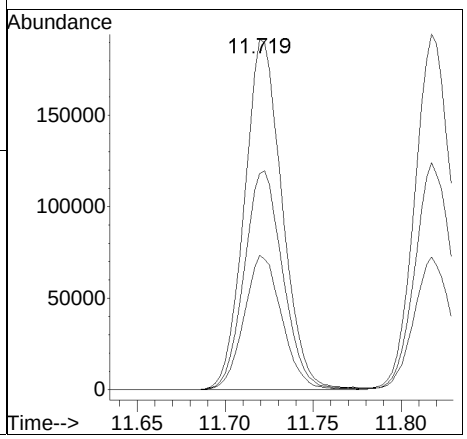


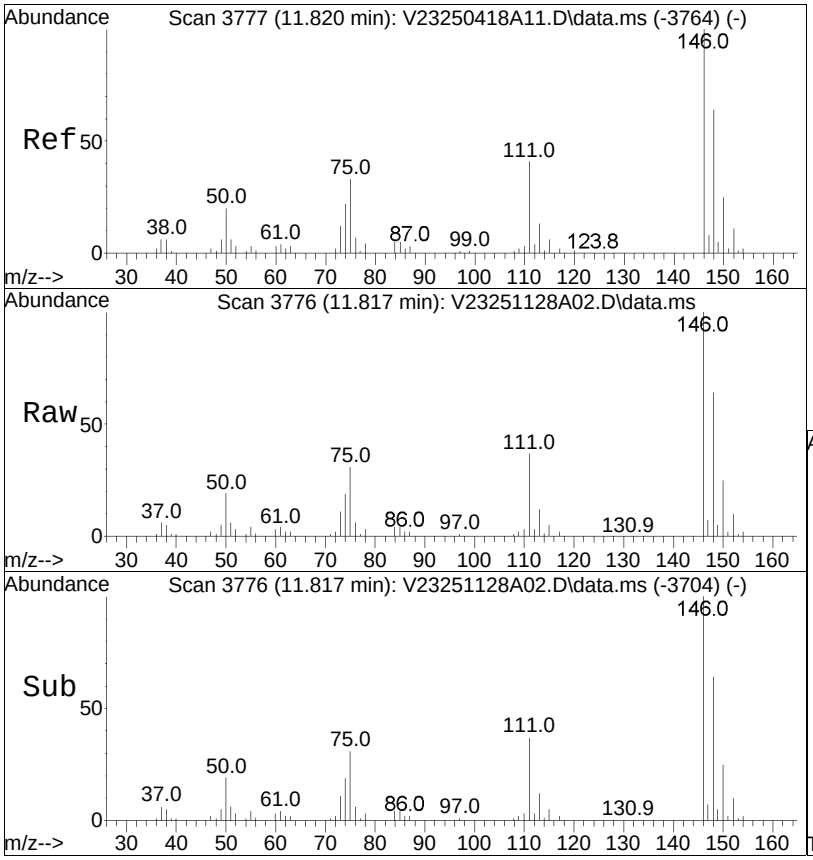


#100
1,3-Dichlorobenzene
Concen: 44.19 ug/L
RT: 11.719 min Scan# 3741
Delta R.T. -0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:146 Resp: 285845

Ion	Ratio	Lower	Upper
146	100		
111	38.2	26.0	54.0
148	63.5	41.4	86.0

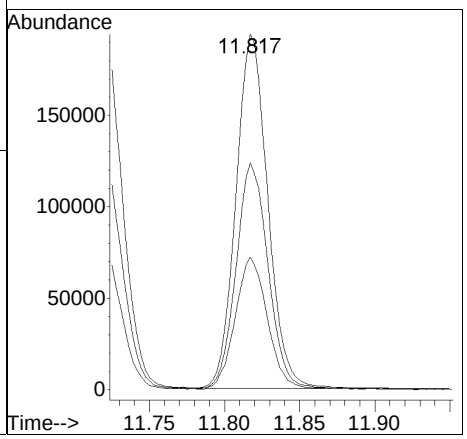


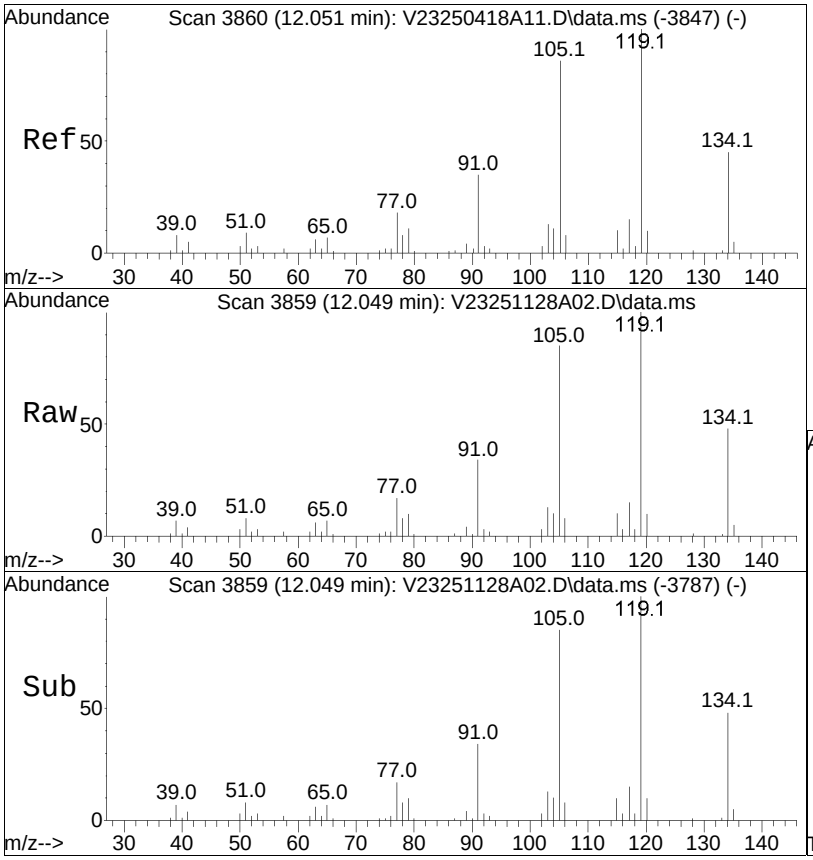


#101
1,4-Dichlorobenzene
Concen: 43.12 ug/L
RT: 11.817 min Scan# 3776
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:146 Resp: 285766

Ion	Ratio	Lower	Upper
146	100		
111	37.5	31.1	46.7
148	63.9	50.8	76.2

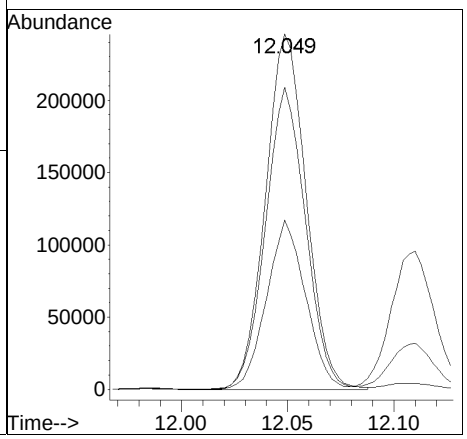


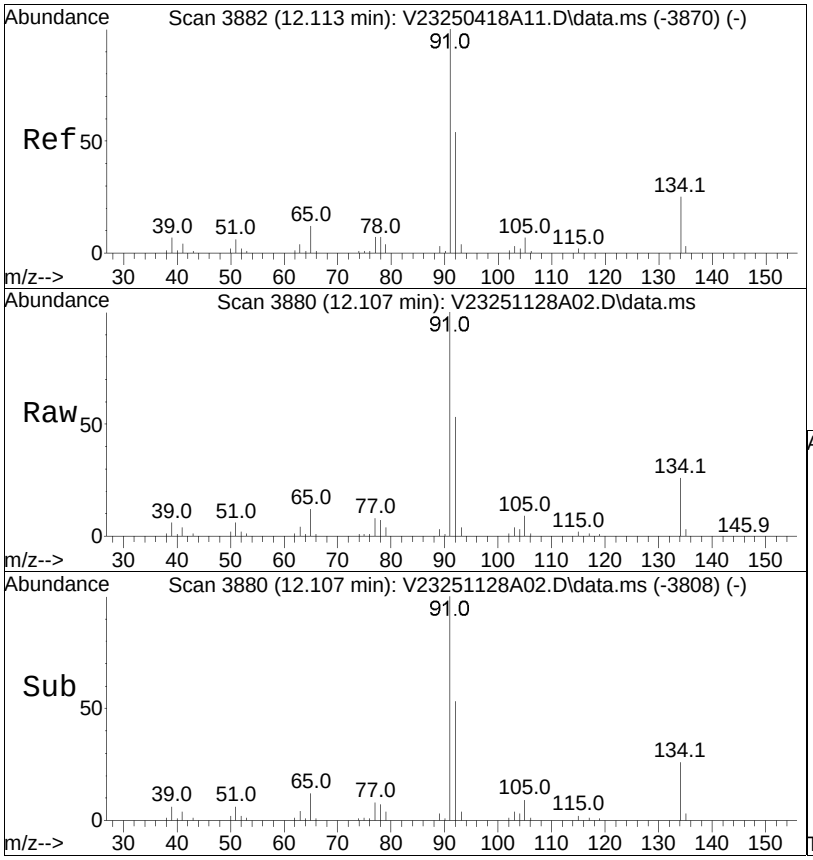


#102
p-Diethylbenzene
Concen: 45.78 ug/L
RT: 12.049 min Scan# 3859
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:119 Resp: 327909

Ion	Ratio	Lower	Upper
119	100		
105	83.3	55.1	114.5
134	45.8	30.0	62.2

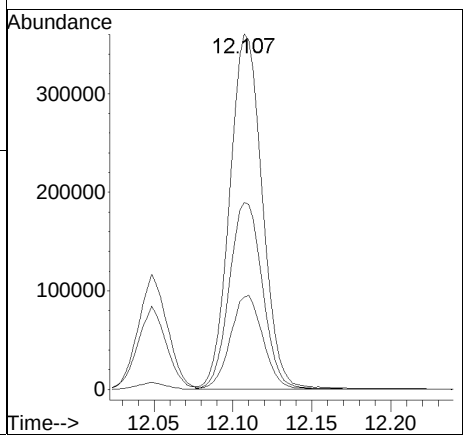


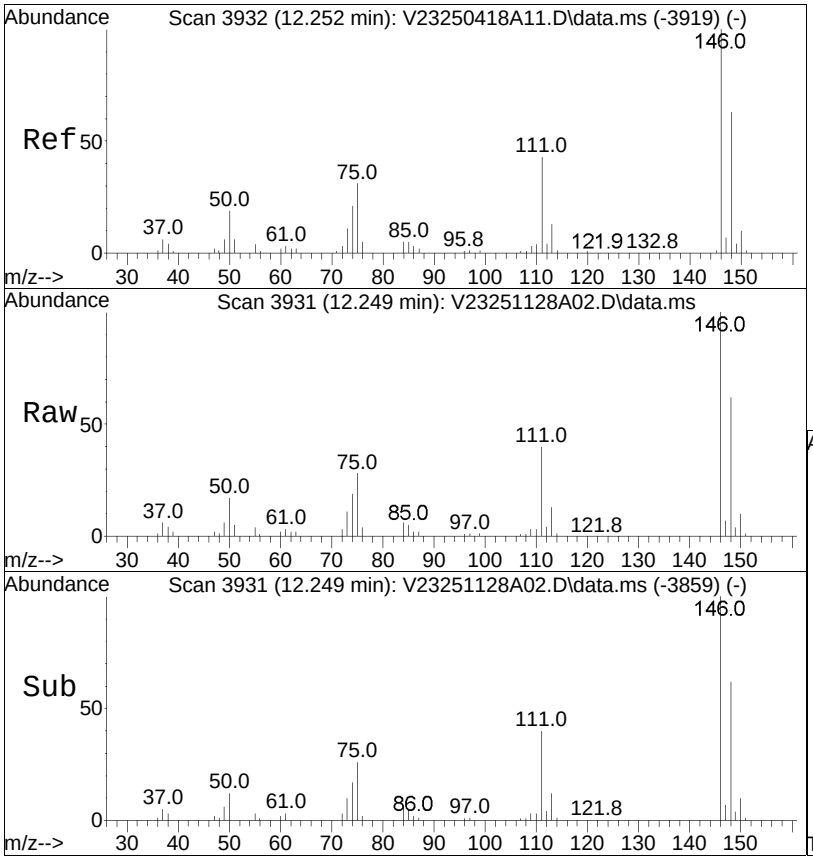


#103
n-Butylbenzene
Concen: 47.59 ug/L
RT: 12.107 min Scan# 3880
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion: 91 Resp: 516414

Ion	Ratio	Lower	Upper
91	100		
92	53.7	44.2	66.4
134	26.2	21.2	31.8

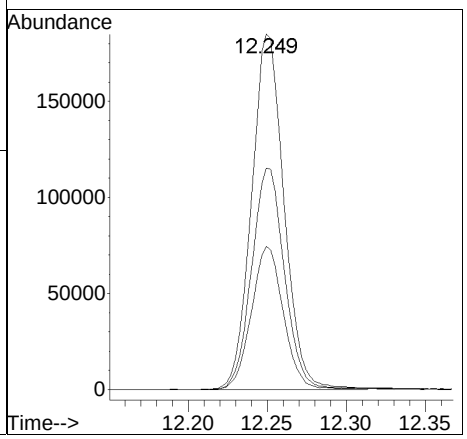


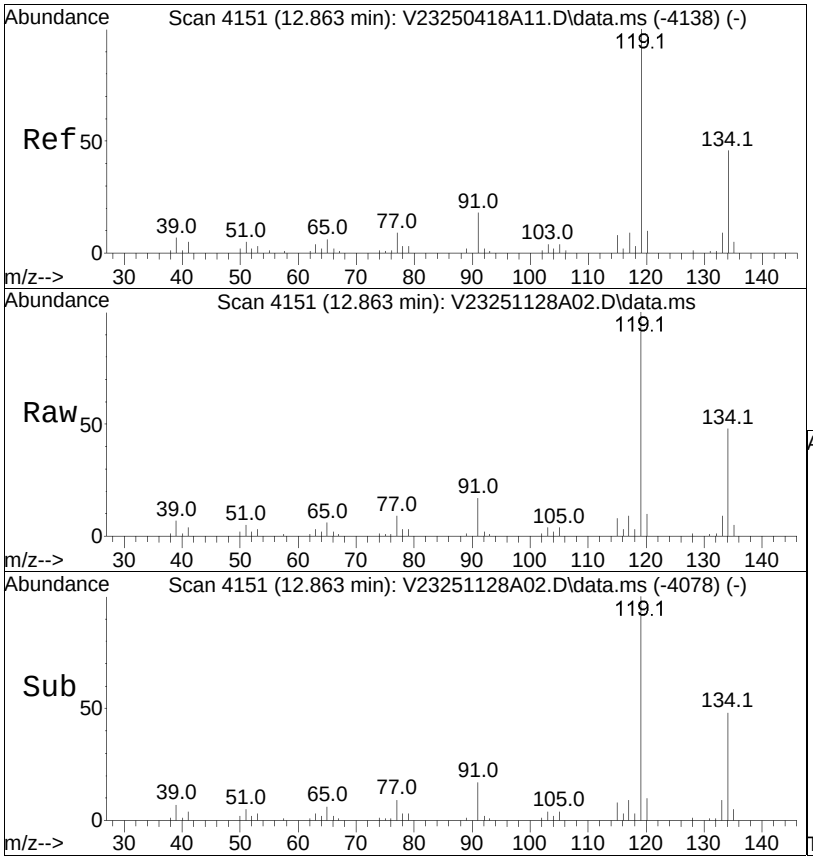


#104
1,2-Dichlorobenzene
Concen: 43.60 ug/L
RT: 12.249 min Scan# 3931
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:146 Resp: 264361

Ion	Ratio	Lower	Upper
146	100		
111	39.6	26.8	55.8
148	63.0	41.3	85.7

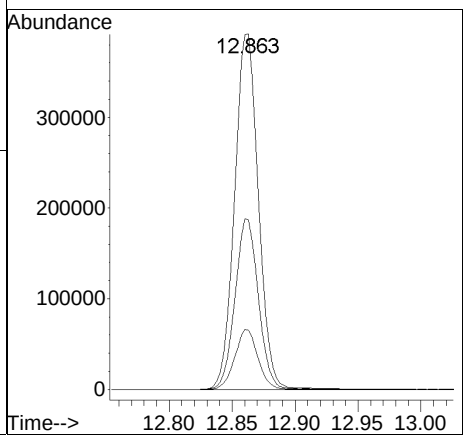


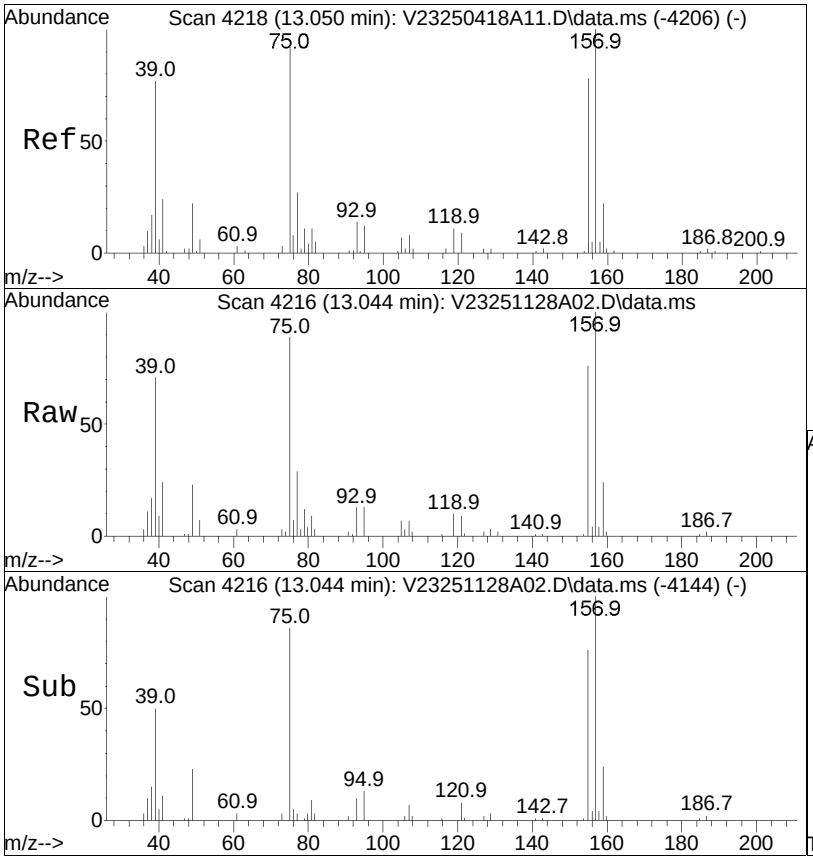


#105
1,2,4,5-Tetramethylbenzene
Concen: 44.26 ug/L
RT: 12.863 min Scan# 4151
Delta R.T. 0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:119 Resp: 516252

Ion	Ratio	Lower	Upper
119	100		
134	46.9	31.3	64.9
91	16.3	10.3	21.3

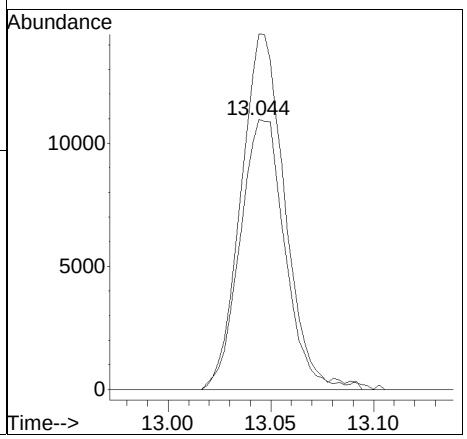


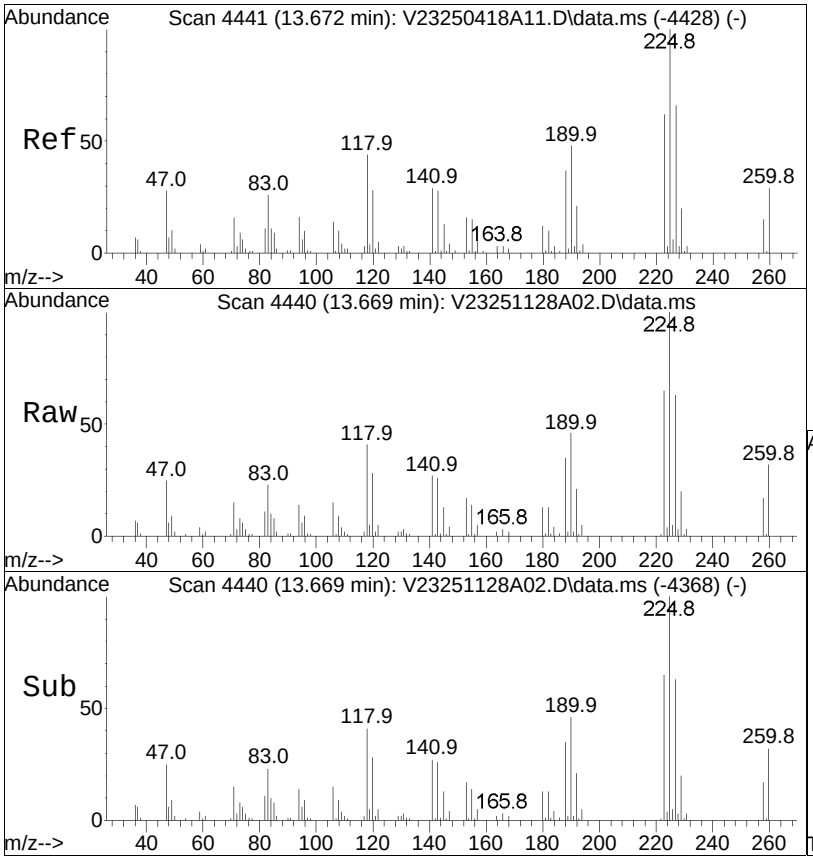


#106
1,2-Dibromo-3-chloropropane
Concen: 39.10 ug/L
RT: 13.044 min Scan# 4216
Delta R.T. 0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:155 Resp: 16705

Ion	Ratio	Lower	Upper
155	100		
157	128.7	101.5	152.3

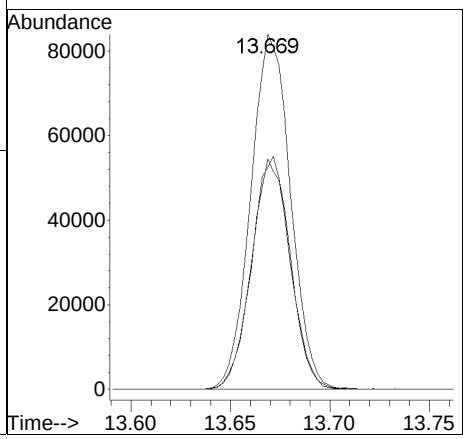


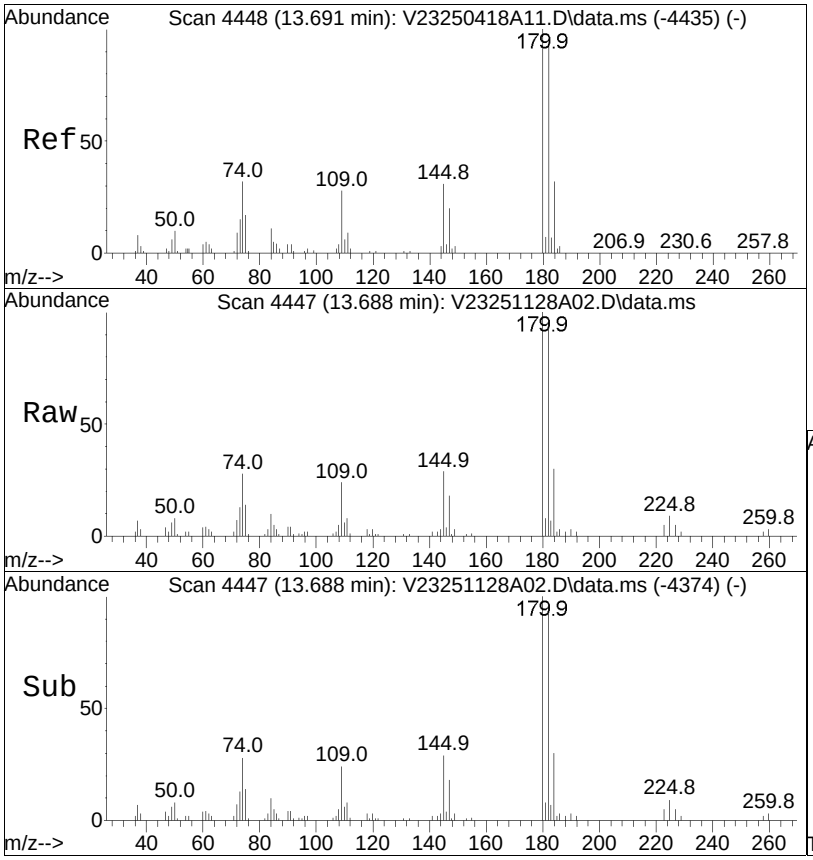


#108
Hexachlorobutadiene
Concen: 47.11 ug/L
RT: 13.669 min Scan# 4440
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:225 Resp: 116851

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.9	74.9
227	64.5	50.7	76.1

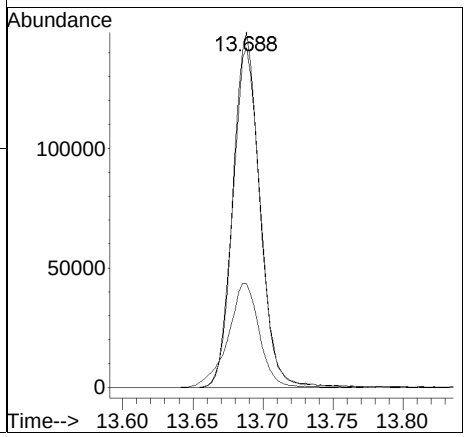


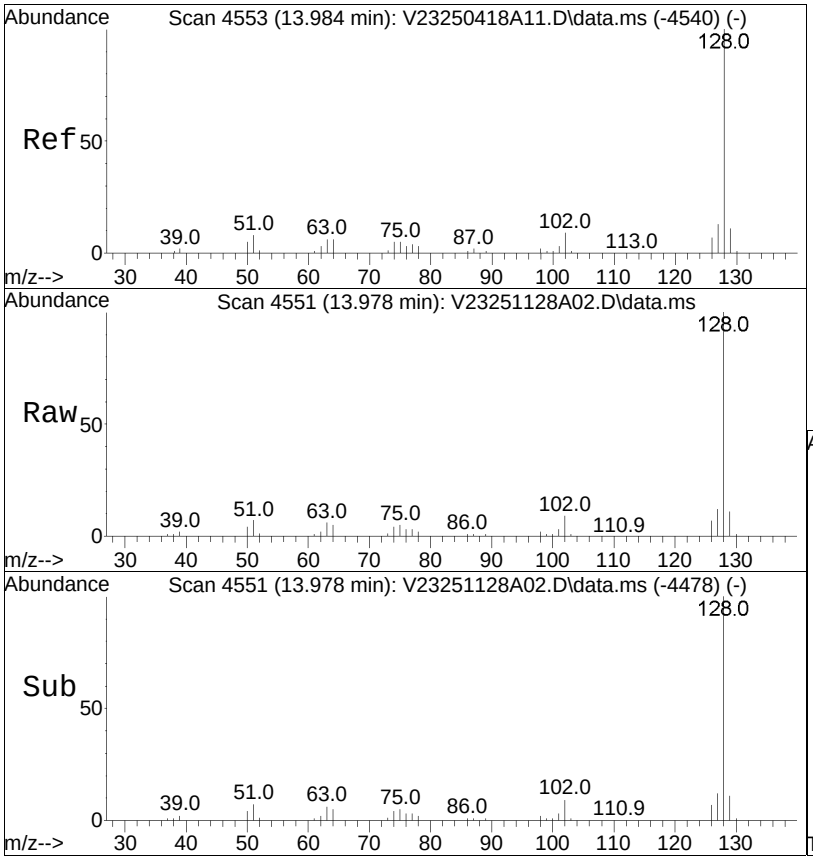


#109
1,2,4-Trichlorobenzene
Concen: 45.83 ug/L
RT: 13.688 min Scan# 4447
Delta R.T. 0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:180 Resp: 200246

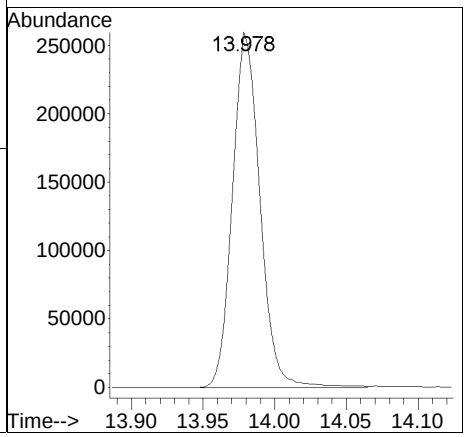
Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.4
145	33.8	27.4	41.2

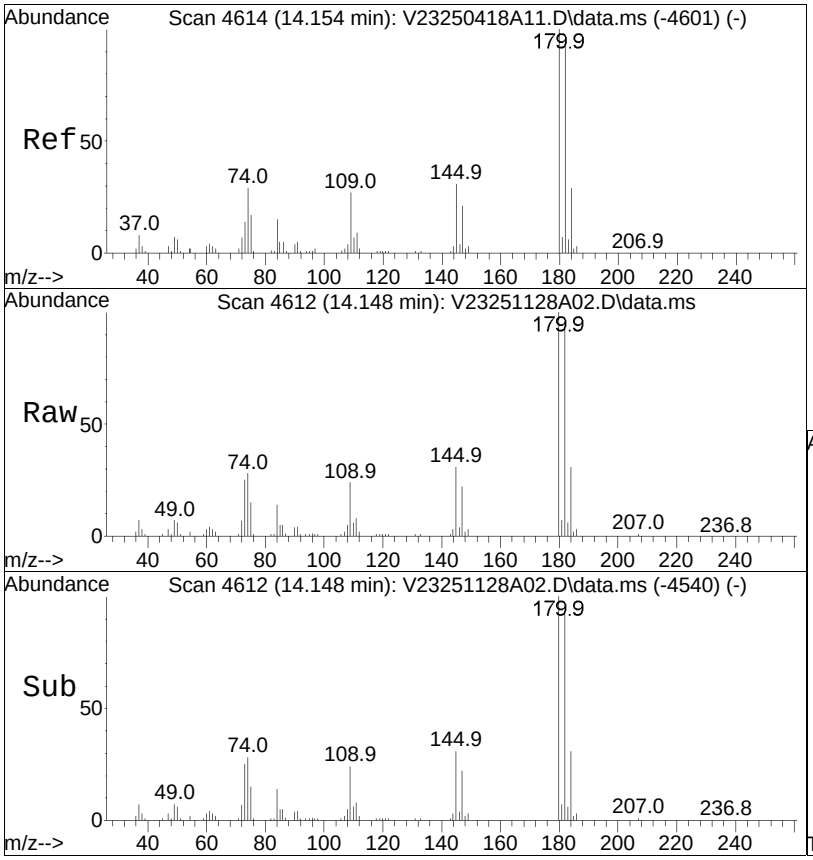




#110
Naphthalene
Concen: 41.38 ug/L
RT: 13.978 min Scan# 4551
Delta R.T. 0.003 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:128 Resp: 346482

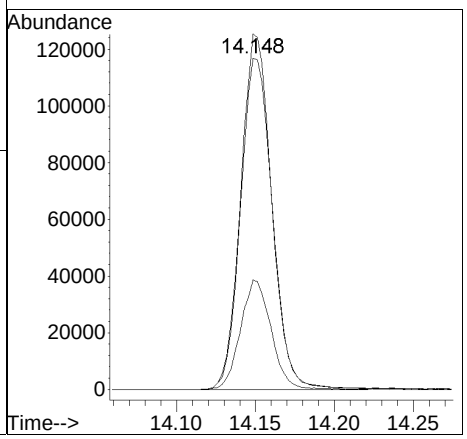




#111
1,2,3-Trichlorobenzene
Concen: 45.86 ug/L
RT: 14.148 min Scan# 4612
Delta R.T. -0.000 min
Lab File: V23251128A02.D
Acq: 28 Nov 2025 08:42 am

Tgt Ion:180 Resp: 171566

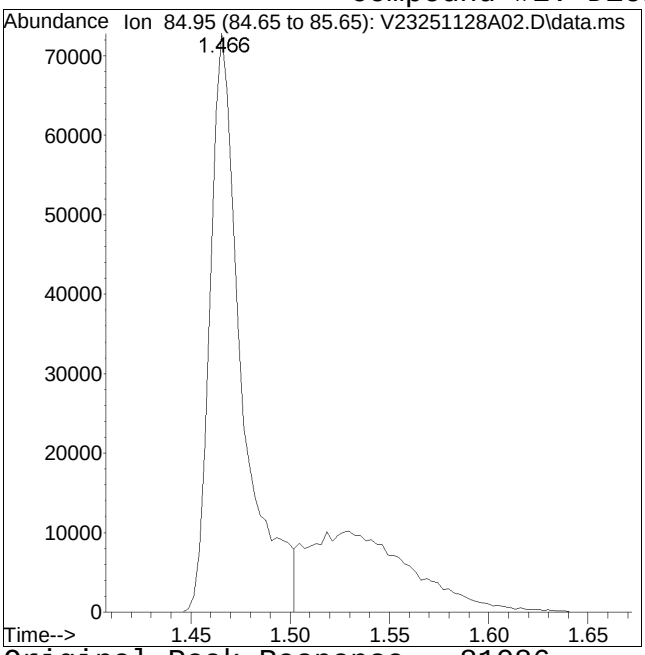
Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.4	113.0
145	30.2	25.2	37.8



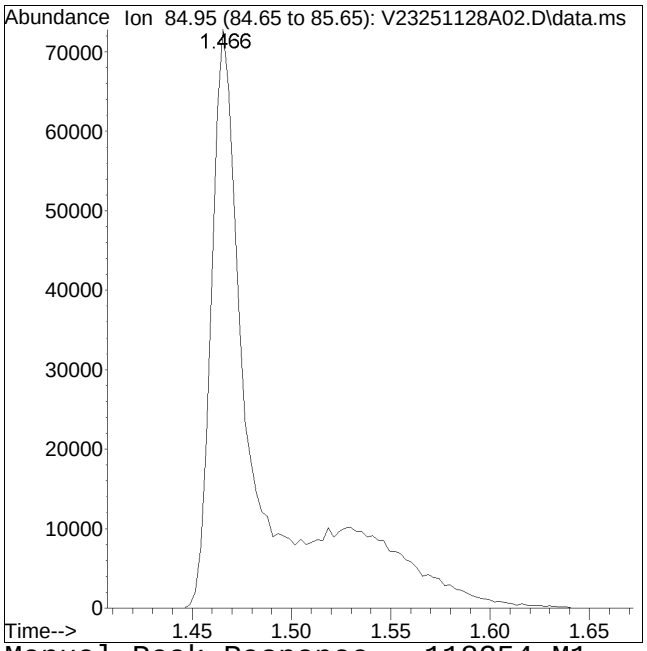
Manual Integration Report

Data Path : K:\VOA123\2025\251128A\ QMethod : V123_251103N_8260.m
Data File : V23251128A02.D Operator : VOA123:AJK
Date Inj'd : 11/28/2025 8:42 am Instrument : VOA123
Sample : WG2148010-4,31h,15,15,0.1 Quant Date : 11/28/2025 9:06 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 81086



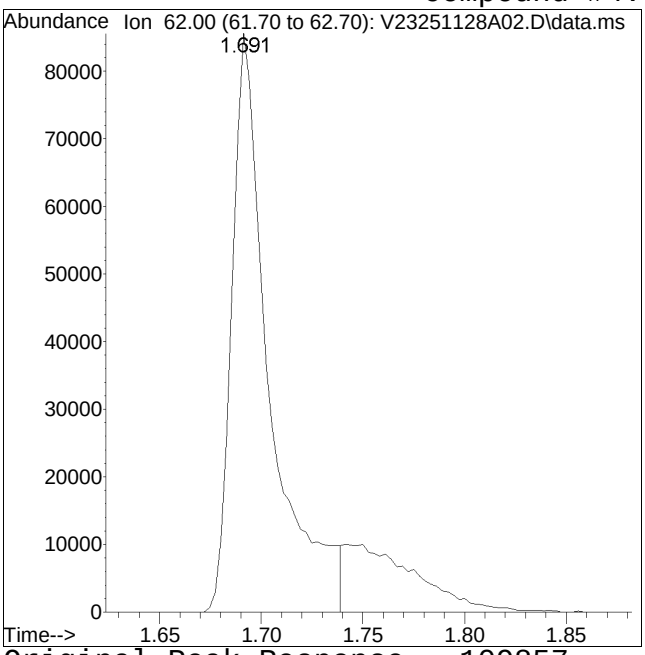
Manual Peak Response = 118354 M1

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

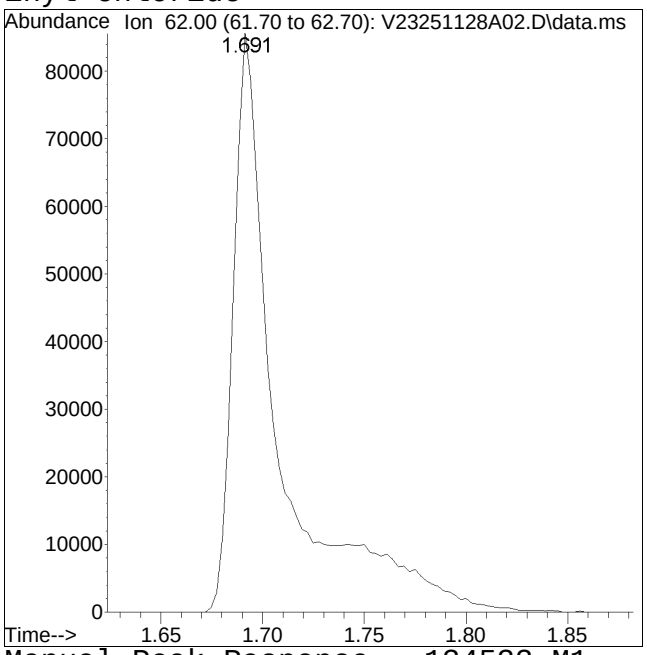
Manual Integration Report

Data Path : K:\VOA123\2025\251128A\ QMethod : V123_251103N_8260.m
Data File : V23251128A02.D Operator : VOA123:AJK
Date Inj'd : 11/28/2025 8:42 am Instrument : VOA123
Sample : WG2148010-4,31h,15,15,0.1 Quant Date : 11/28/2025 9:06 am

Compound #4: Vinyl chloride



Original Peak Response = 109857



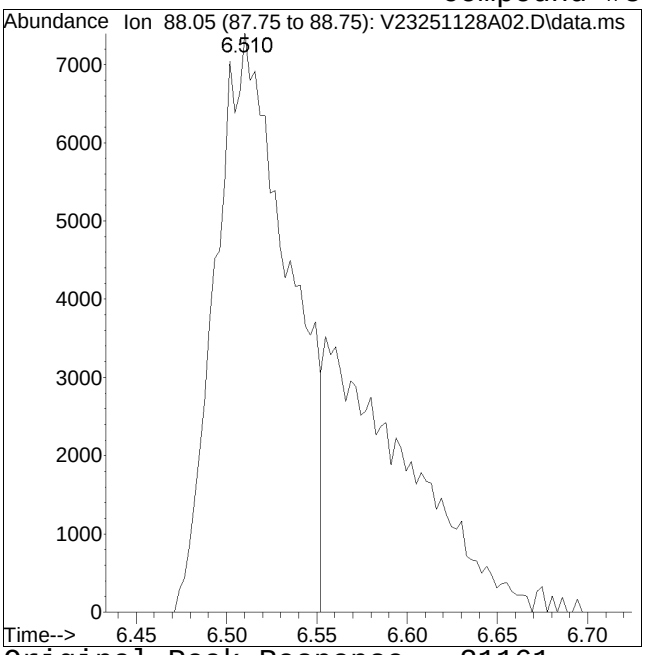
Manual Peak Response = 134533 M1

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

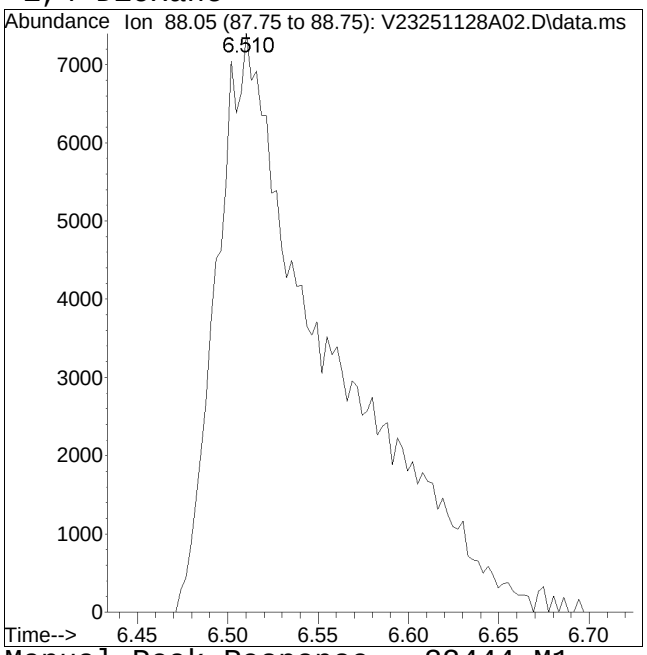
Manual Integration Report

Data Path : K:\VOA123\2025\251128A\ QMethod : V123_251103N_8260.m
Data File : V23251128A02.D Operator : VOA123:AJK
Date Inj'd : 11/28/2025 8:42 am Instrument : VOA123
Sample : WG2148010-4,31h,15,15,0.1 Quant Date : 11/28/2025 9:06 am

Compound #57: 1,4-Dioxane



Original Peak Response = 21161



Manual Peak Response = 32444 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C02.D
Acq On : 25 Nov 2025 2:28 pm
Operator : VOA110:AJK
Sample : WG2147003-4,31,5,5
Misc : WG2147003,ICAL22640
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 25 14:52:05 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.248	96	226186	20.000	ug/L	0.00
Standard Area 1 = 204110			Recovery = 110.82%			
59) Chlorobenzene-d5	9.803	117	177621	20.000	ug/L	0.00
Standard Area 1 = 167631			Recovery = 105.96%			
79) 1,4-Dichlorobenzene-d4	12.456	152	108350	20.000	ug/L	0.00
Standard Area 1 = 107503			Recovery = 100.79%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.425	113	59368	19.520	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.60%			
43) 1,2-Dichloroethane-d4	5.960	65	73468	23.650	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 118.25%			
60) Toluene-d8	7.947	98	213522	19.486	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.43%			
83) 4-Bromofluorobenzene	11.265	95	84834	18.672	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.755	85	106723	40.435	ug/L	99
3) Chloromethane	1.954	50	101942	33.525	ug/L	98
4) Vinyl chloride	2.038	62	89188	25.654	ug/L	100
5) Bromomethane	2.363	94	60847	19.020	ug/L	92
6) Chloroethane	2.489	64	60263	23.257	ug/L	98
7) Trichlorofluoromethane	2.635	101	149911	31.255	ug/L	98
8) Ethyl ether	2.940	74	59661	26.653	ug/L	88
10) 1,1-Dichloroethene	3.139	96	74392	25.360	ug/L	99
11) Carbon disulfide	3.170	76	256408	23.655	ug/L	99
15) Methylene chloride	3.700	84	94388	30.245	ug/L	87
17) Acetone	3.752	43	54397	47.197	ug/L #	39
18) trans-1,2-Dichloroethene	3.862	96	97657	35.081	ug/L	91
20) Methyl tert-butyl ether	3.962	73	367800	42.800	ug/L	94
23) 1,1-Dichloroethane	4.455	63	185282	37.359	ug/L	99
25) Acrylonitrile	4.502	53	38158	39.683	ug/L #	88
27) Vinyl acetate	4.691	43	250277	46.044	ug/L	99
28) cis-1,2-Dichloroethene	4.984	96	110417	35.957	ug/L	98
29) 2,2-Dichloropropane	5.084	77	167360	40.031	ug/L	92
30) Bromochloromethane	5.178	128	56543	38.161	ug/L	87
32) Chloroform	5.246	83	201709	39.475	ug/L	96

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C02.D
Acq On : 25 Nov 2025 2:28 pm
Operator : VOA110:AJK
Sample : WG2147003-4,31,5,5
Misc : WG2147003,ICAL22640
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 25 14:52:05 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	5.388	117	164619	45.314	ug/L		98
37) 1,1,1-Trichloroethane	5.456	97	176484	44.408	ug/L		97
39) 2-Butanone	5.551	43	51132	46.177	ug/L	#	16
40) 1,1-Dichloropropene	5.577	75	135311	40.470	ug/L		99
41) Benzene	5.828	78	398636	37.978	ug/L		98
44) 1,2-Dichloroethane	6.033	62	171706	48.741	ug/L		99
48) Trichloroethene	6.426	95	109052	39.118	ug/L		95
50) Dibromomethane	6.872	93	70086	39.720	ug/L	#	84
51) 1,2-Dichloropropane	6.977	63	101303	37.007	ug/L	#	93
54) Bromodichloromethane	7.040	83	164263	43.342	ug/L		99
57) 1,4-Dioxane	7.260	88	62817	1935.472	ug/L		97
58) cis-1,3-Dichloropropene	7.742	75	174574	40.524	ug/L		96
61) Toluene	8.010	92	261286	39.069	ug/L		100
62) 4-Methyl-2-pentanone	8.439	58	40675	40.779	ug/L		99
63) Tetrachloroethene	8.460	166	113836	43.202	ug/L		99
65) trans-1,3-Dichloropropene	8.487	75	176824	45.787	ug/L		91
68) 1,1,2-Trichloroethane	8.675	83	79273	40.829	ug/L		97
69) Chlorodibromomethane	8.885	129	124701	43.844	ug/L		97
70) 1,3-Dichloropropane	9.000	76	171606	42.185	ug/L		99
71) 1,2-Dibromoethane	9.173	107	99244	41.606	ug/L		99
72) 2-Hexanone	9.451	43	72926	37.324	ug/L		96
73) Chlorobenzene	9.824	112	308982	40.246	ug/L	#	88
74) Ethylbenzene	9.860	91	500593	39.070	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.908	131	128714	46.437	ug/L		95
76) p/m Xylene	10.044	106	409279	79.734	ug/L		98
77) o Xylene	10.573	106	398174	78.014	ug/L		99
78) Styrene	10.636	104	653722	75.971	ug/L		99
80) Bromoform	10.663	173	104482	48.485	ug/L		99
82) Isopropylbenzene	10.940	105	526182	38.831	ug/L		99
84) Bromobenzene	11.381	156	142621	38.991	ug/L		97
85) n-Propylbenzene	11.412	91	602905	38.513	ug/L		99
87) 1,1,2,2-Tetrachloroethane	11.496	83	143764	38.903	ug/L		95
88) 4-Ethyltoluene	11.533	105	536000	38.756	ug/L		98
89) 2-Chlorotoluene	11.580	91	376784	39.316	ug/L		95
90) 1,3,5-Trimethylbenzene	11.632	105	471006	39.910	ug/L		97
91) 1,2,3-Trichloropropane	11.632	75	130671	43.867	ug/L		97
92) trans-1,4-Dichloro-2-b...	11.685	53	50970	47.480	ug/L	#	88
93) 4-Chlorotoluene	11.764	91	389484	38.584	ug/L		97
94) tert-Butylbenzene	11.968	119	394802	38.729	ug/L		96

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C02.D
Acq On : 25 Nov 2025 2:28 pm
Operator : VOA110:AJK
Sample : WG2147003-4,31,5,5
Misc : WG2147003,ICAL22640
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 25 14:52:05 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	12.041	105	463368	39.804	ug/L	98
98)	sec-Butylbenzene	12.157	105	588150	39.888	ug/L	97
99)	p-Isopropyltoluene	12.304	119	511539	38.638	ug/L	98
100)	1,3-Dichlorobenzene	12.382	146	279171	39.507	ug/L	99
101)	1,4-Dichlorobenzene	12.471	146	276901	37.798	ug/L	98
102)	p-Diethylbenzene	12.676	119	300505	37.556	ug/L	98
103)	n-Butylbenzene	12.734	91	453300	40.595	ug/L	97
104)	1,2-Dichlorobenzene	12.891	146	270539	40.008	ug/L	99
105)	1,2,4,5-Tetramethylben...	13.462	119	471030	36.919	ug/L	96
106)	1,2-Dibromo-3-chloropr...	13.662	155	31643	42.801	ug/L	96
108)	Hexachlorobutadiene	14.264	225	115648	49.681	ug/L	97
109)	1,2,4-Trichlorobenzene	14.291	180	191440	40.769	ug/L	99
110)	Naphthalene	14.584	128	441956	34.824	ug/L	100
111)	1,2,3-Trichlorobenzene	14.752	180	178982	39.183	ug/L	97

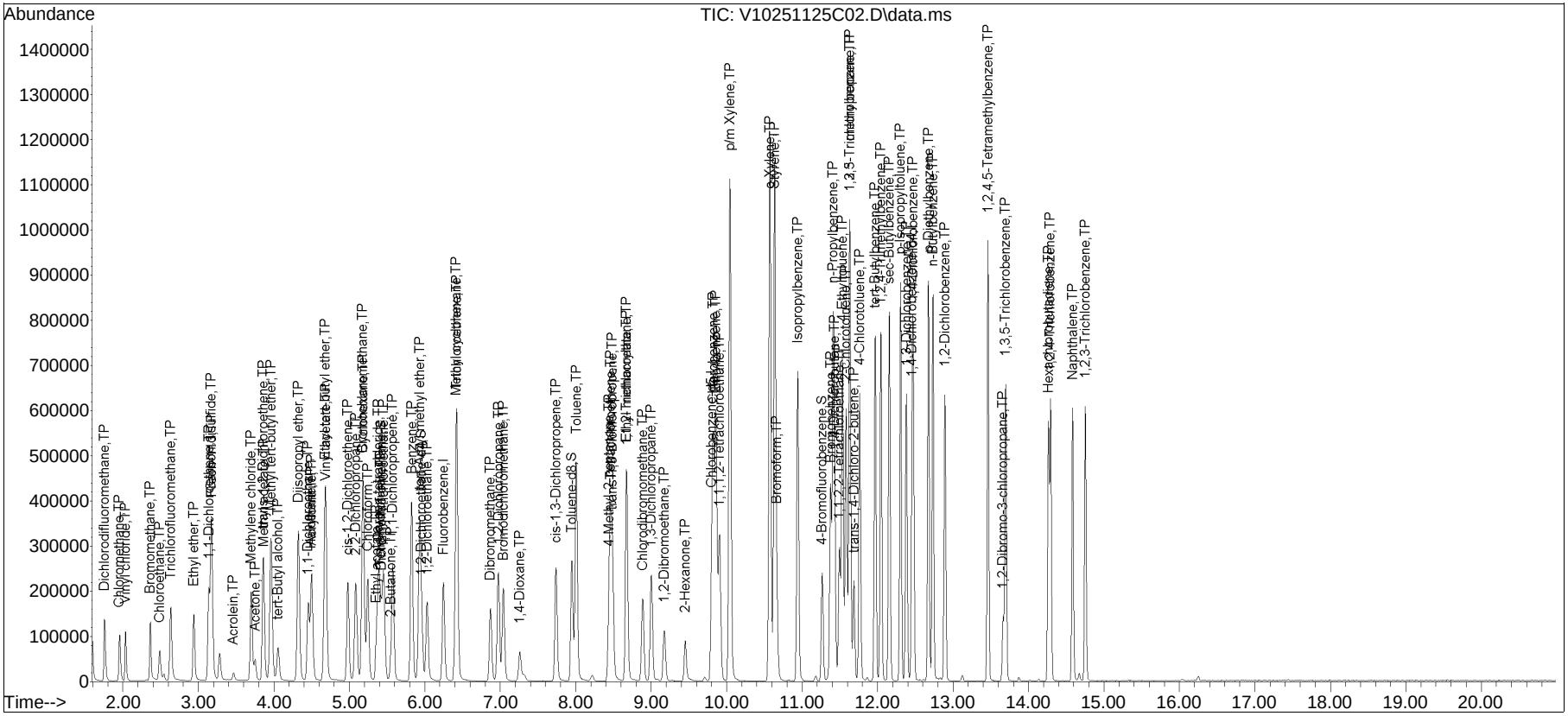
(#) = qualifier out of range (m) = manual integration (+) = signals summed

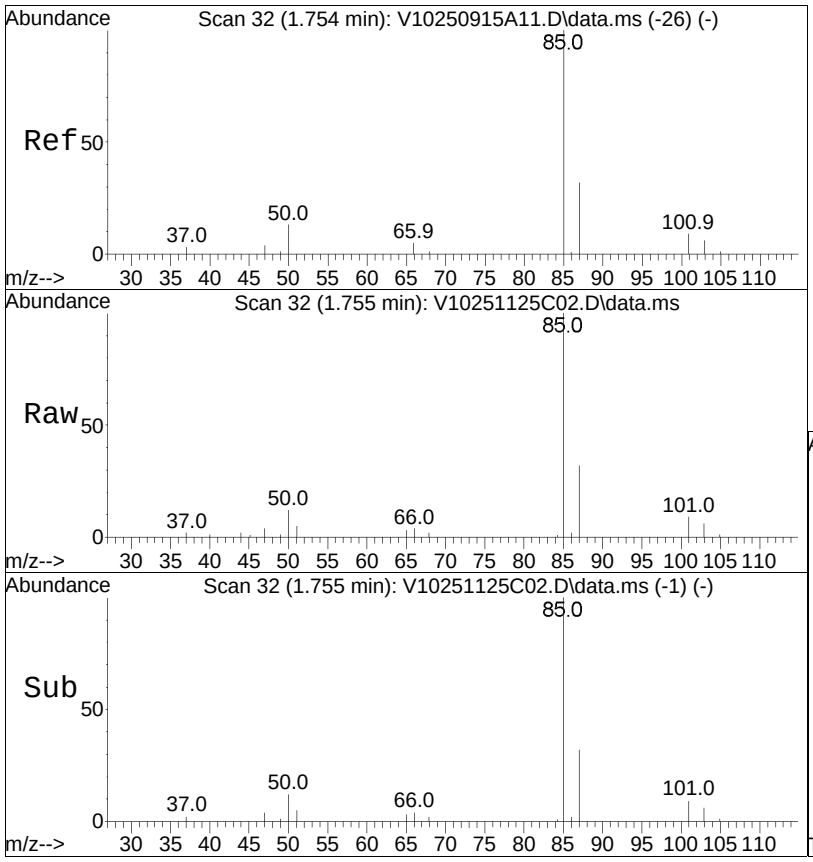
Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C02.D
Acq On : 25 Nov 2025 2:28 pm
Operator : VOA110:AJK
Sample : WG2147003-4,31,5,5
Misc : WG2147003,ICAL22640
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 25 14:52:05 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

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

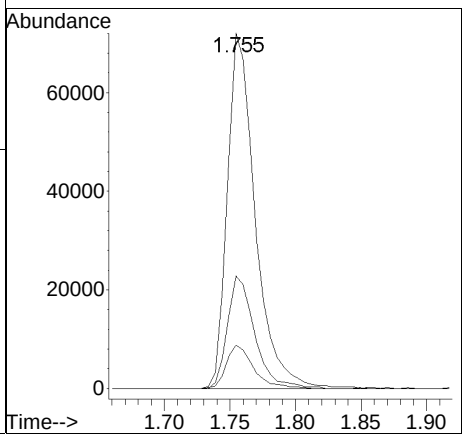


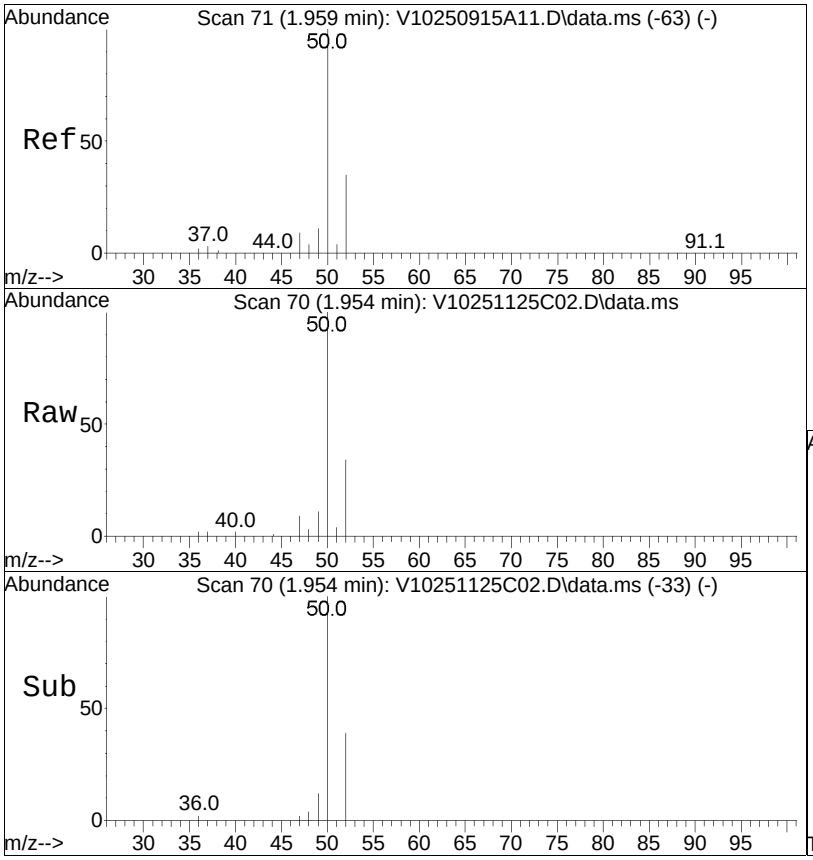


#2
Dichlorodifluoromethane
Concen: 40.43 ug/L
RT: 1.755 min Scan# 32
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 85 Resp: 106723

Ion	Ratio	Lower	Upper
85	100		
87	30.9	20.3	42.1
50	11.8	8.5	17.6

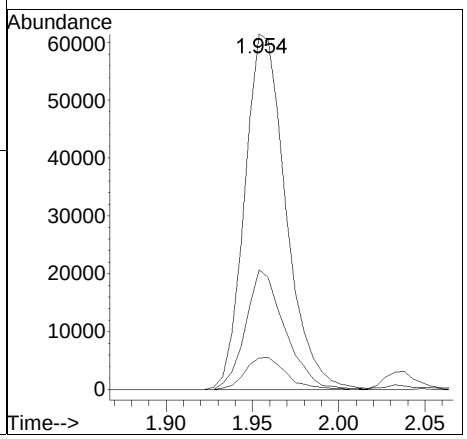


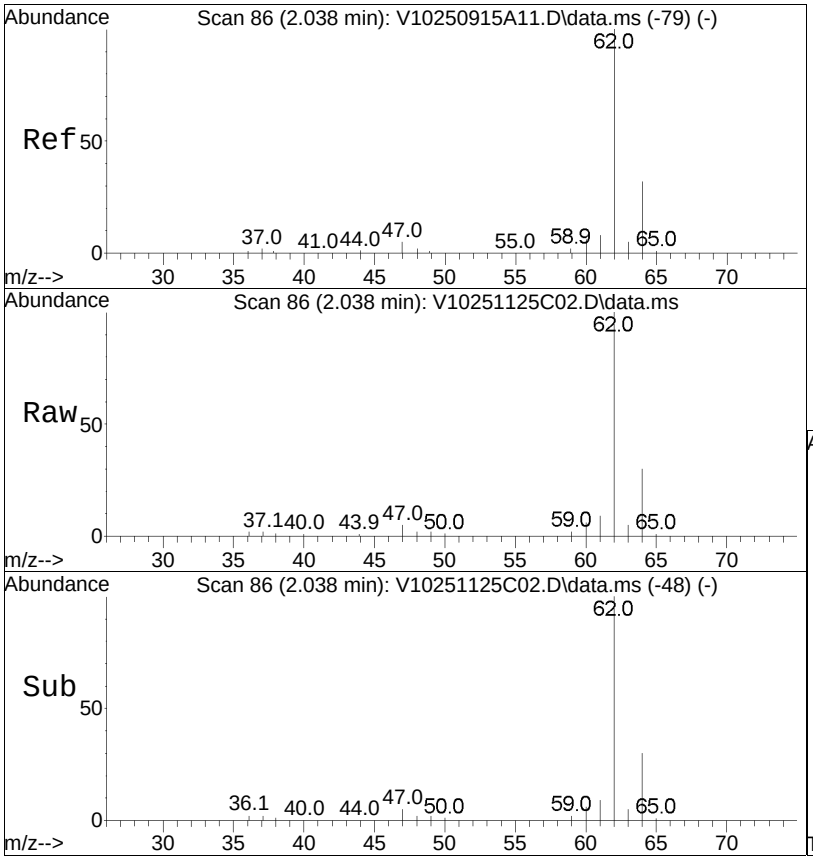


#3
Chloromethane
Concen: 33.52 ug/L
RT: 1.954 min Scan# 70
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 50 Resp: 101942

Ion	Ratio	Lower	Upper
50	100		
52	32.1	13.2	53.2
47	8.9	0.0	28.3

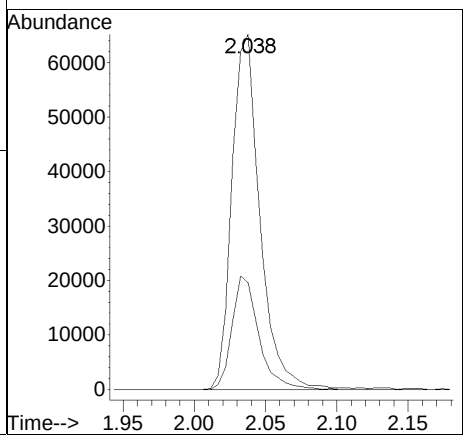


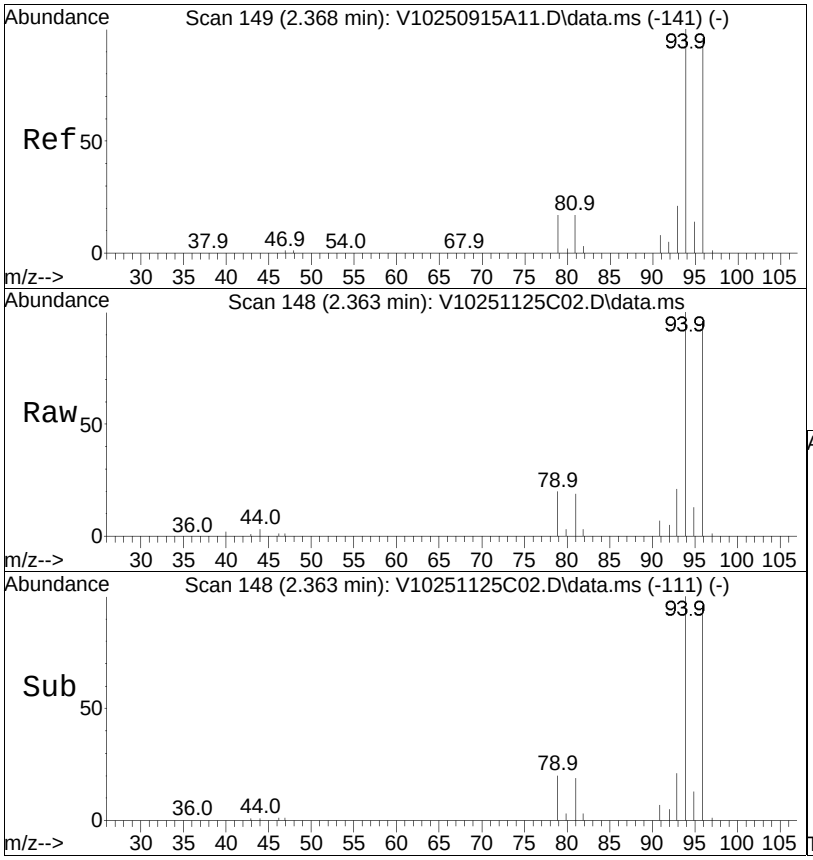


#4
Vinyl chloride
Concen: 25.65 ug/L
RT: 2.038 min Scan# 86
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 62 Resp: 89188

Ion	Ratio	Lower	Upper
62	100		
64	30.5	10.5	50.5

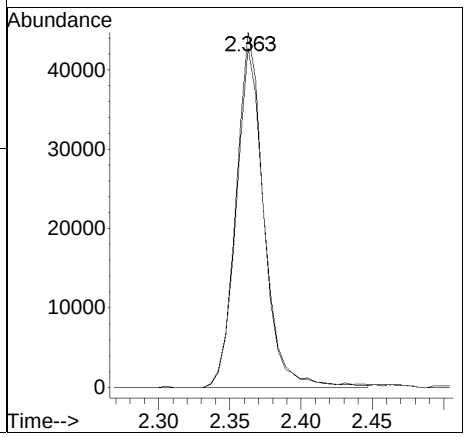


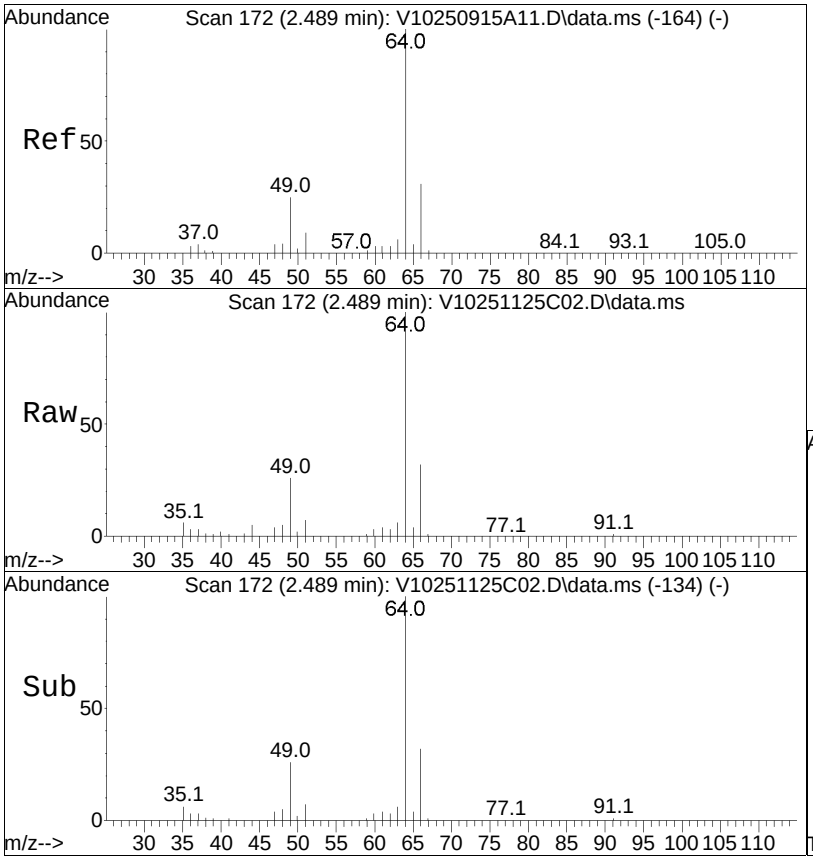


#5
Bromomethane
Concen: 19.02 ug/L
RT: 2.363 min Scan# 148
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 94 Resp: 60847

Ion	Ratio	Lower	Upper
94	100		
96	94.8	67.4	107.4

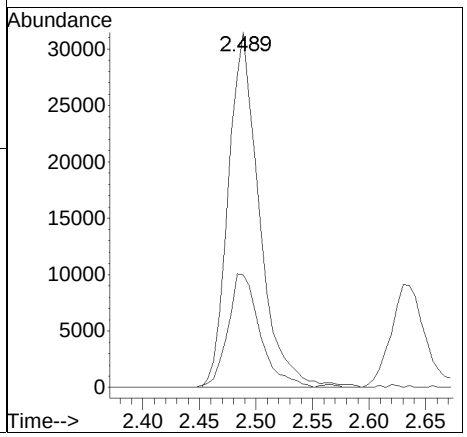


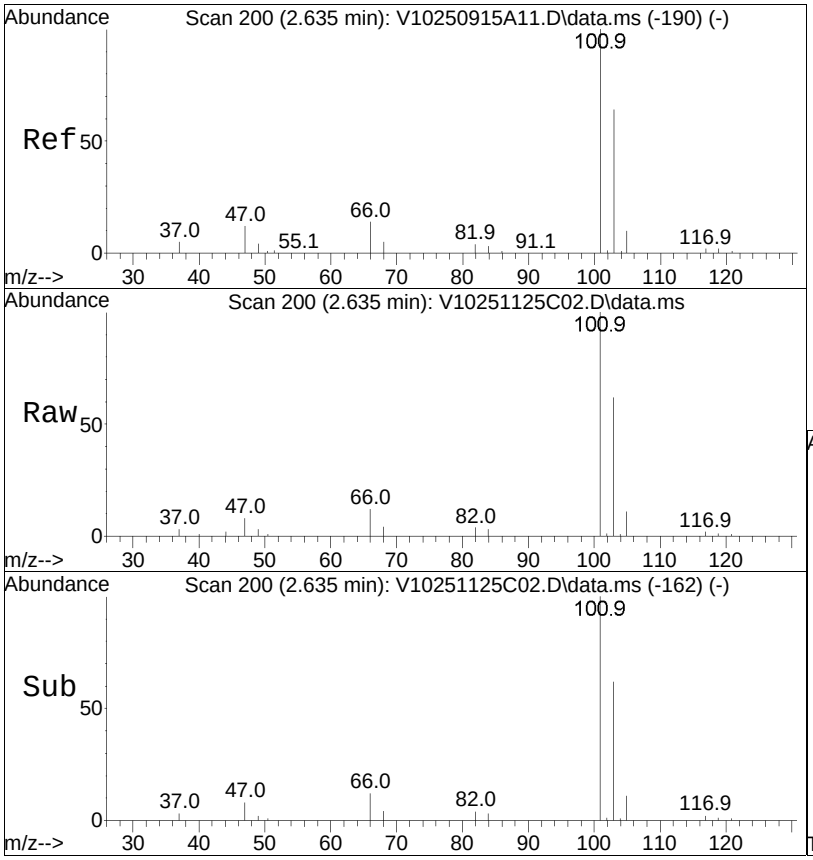


#6
Chloroethane
Concen: 23.26 ug/L
RT: 2.489 min Scan# 172
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 64 Resp: 60263

Ion	Ratio	Lower	Upper
64	100		
66	33.1	14.1	54.1

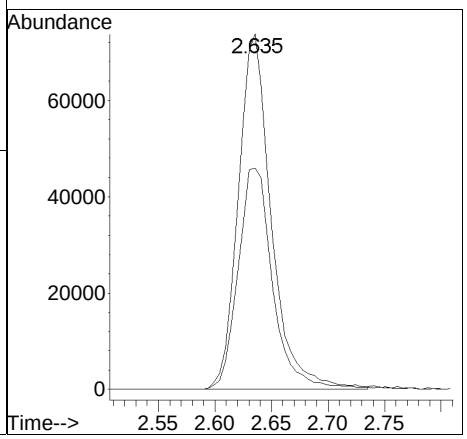


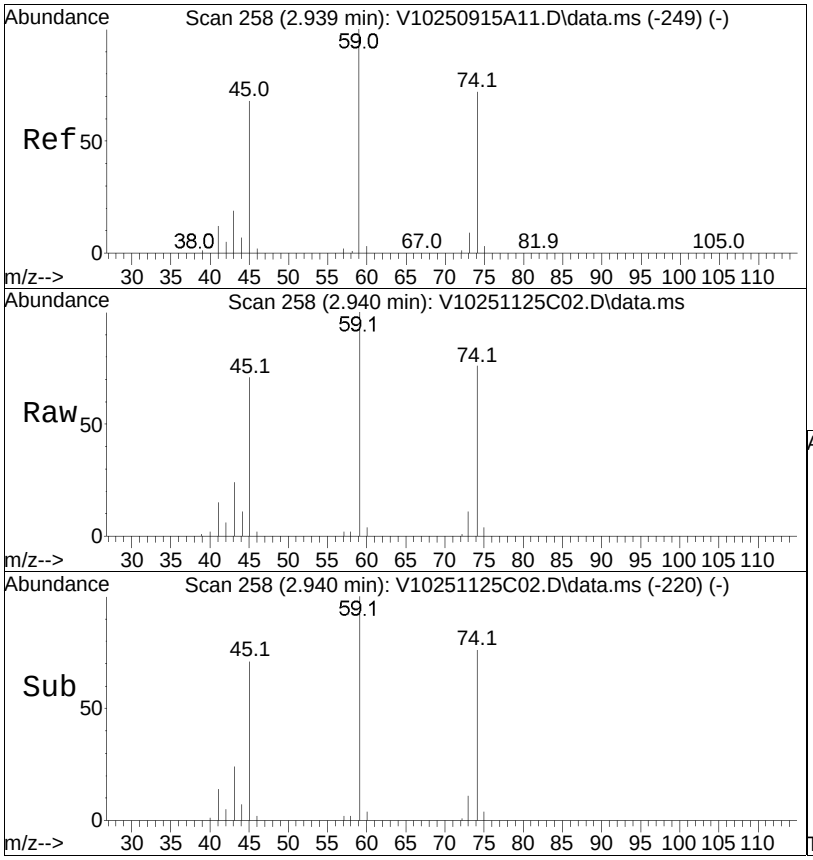


#7
Trichlorofluoromethane
Concen: 31.25 ug/L
RT: 2.635 min Scan# 200
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:101 Resp: 149911

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.1	76.7

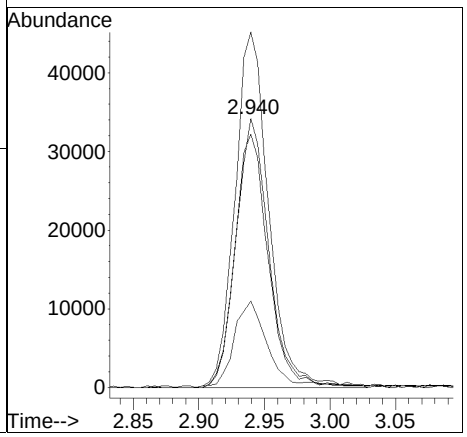


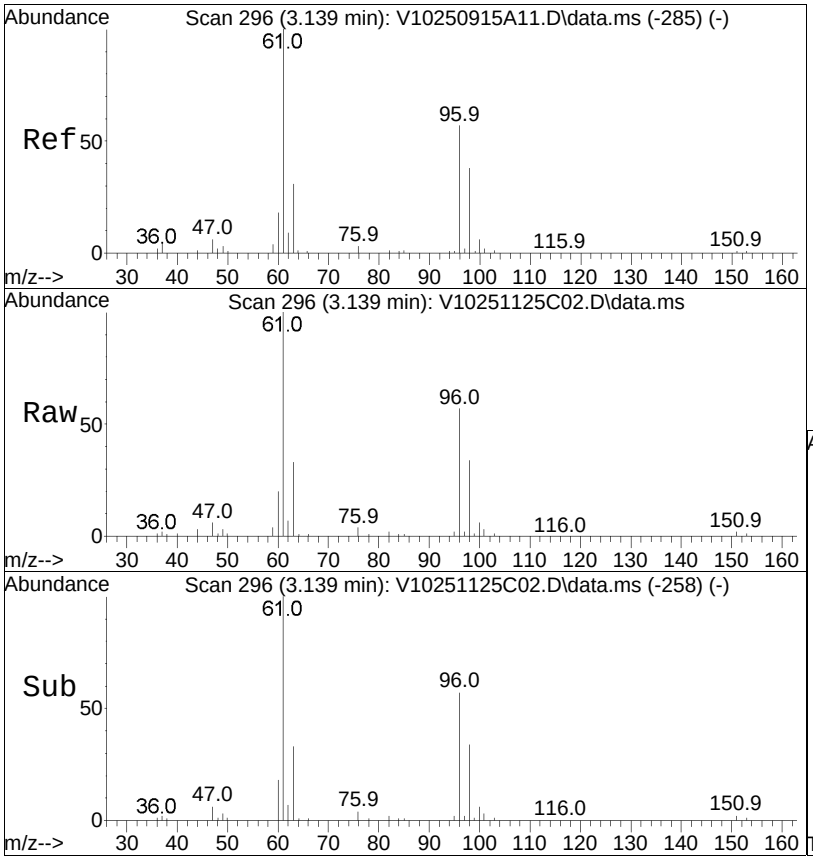


#8
Ethyl ether
Concen: 26.65 ug/L
RT: 2.940 min Scan# 258
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 74 Resp: 59661

Ion	Ratio	Lower	Upper
74	100		
59	136.5	97.8	203.0
45	95.9	73.4	152.4
43	33.1	23.5	48.7

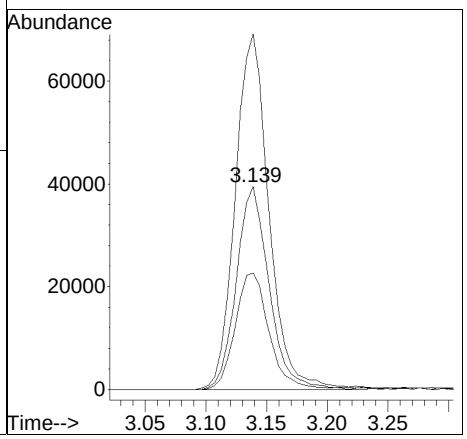


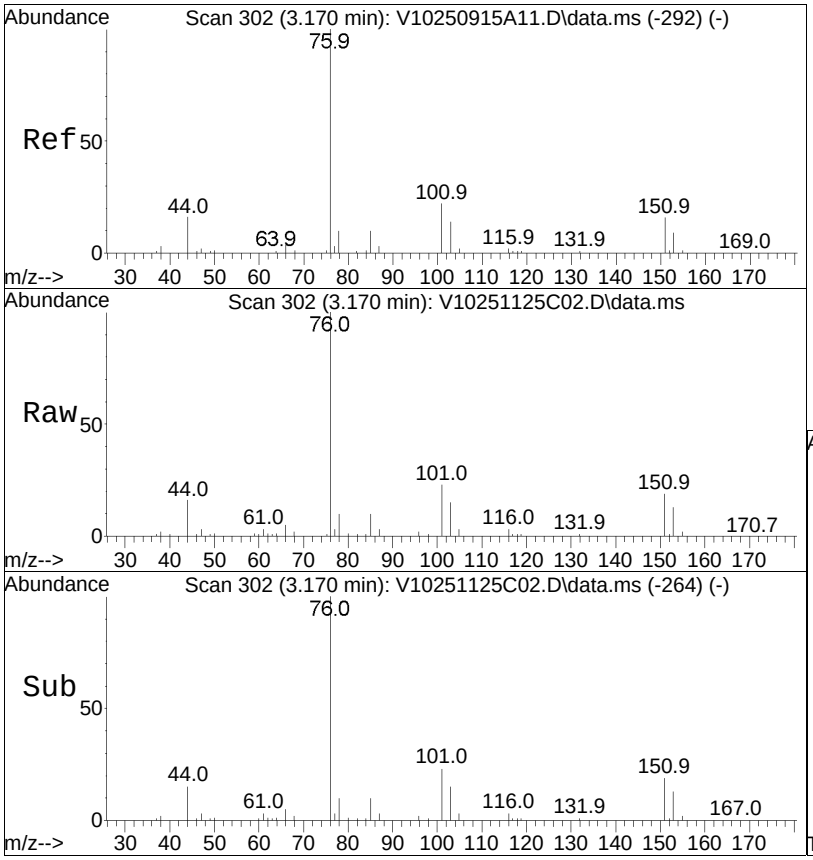


#10
1,1-Dichloroethene
Concen: 25.36 ug/L
RT: 3.139 min Scan# 296
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 96 Resp: 74392

Ion	Ratio	Lower	Upper
96	100		
61	179.6	145.0	217.4
63	59.0	46.8	70.2

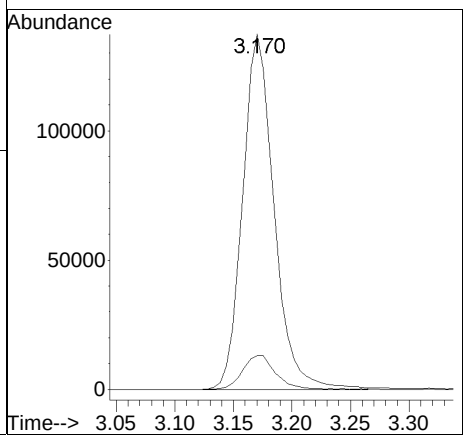


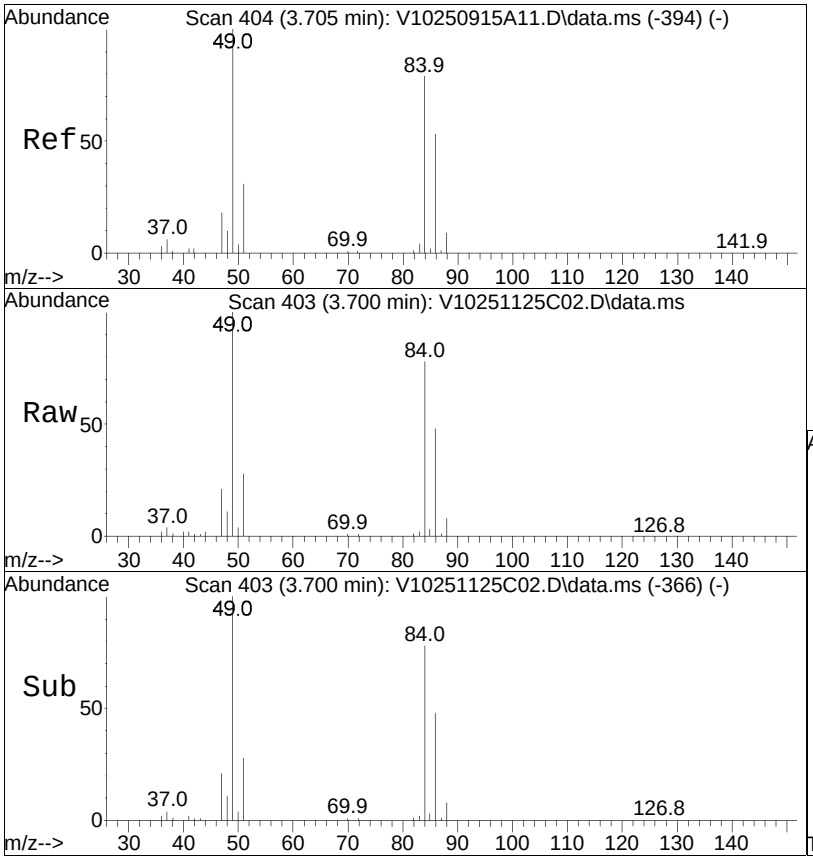


#11
Carbon disulfide
Concen: 23.65 ug/L
RT: 3.170 min Scan# 302
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 76 Resp: 256408

Ion	Ratio	Lower	Upper
76	100		
78	10.0	6.4	13.2

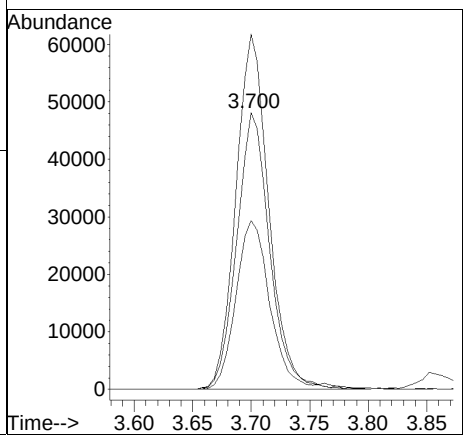


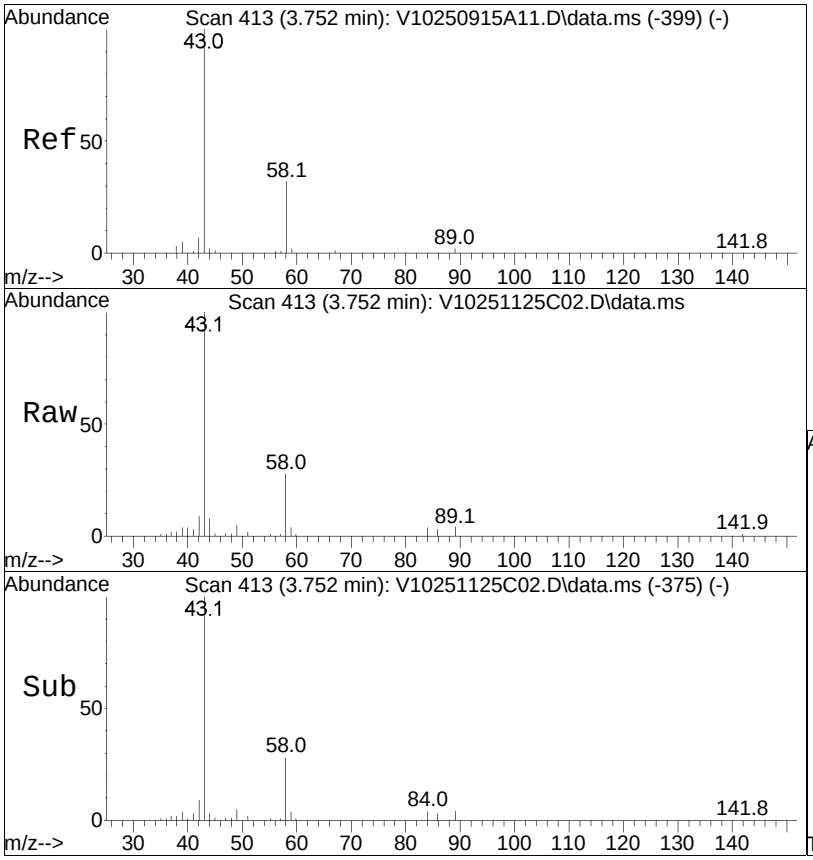


#15
Methylene chloride
Concen: 30.24 ug/L
RT: 3.700 min Scan# 403
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 84 Resp: 94388

Ion	Ratio	Lower	Upper
84	100		
86	63.3	41.5	86.3
49	128.9	99.3	206.1

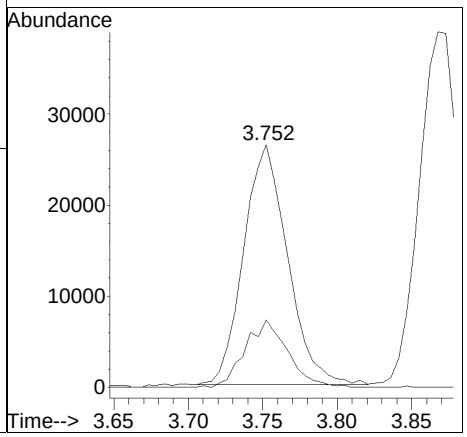


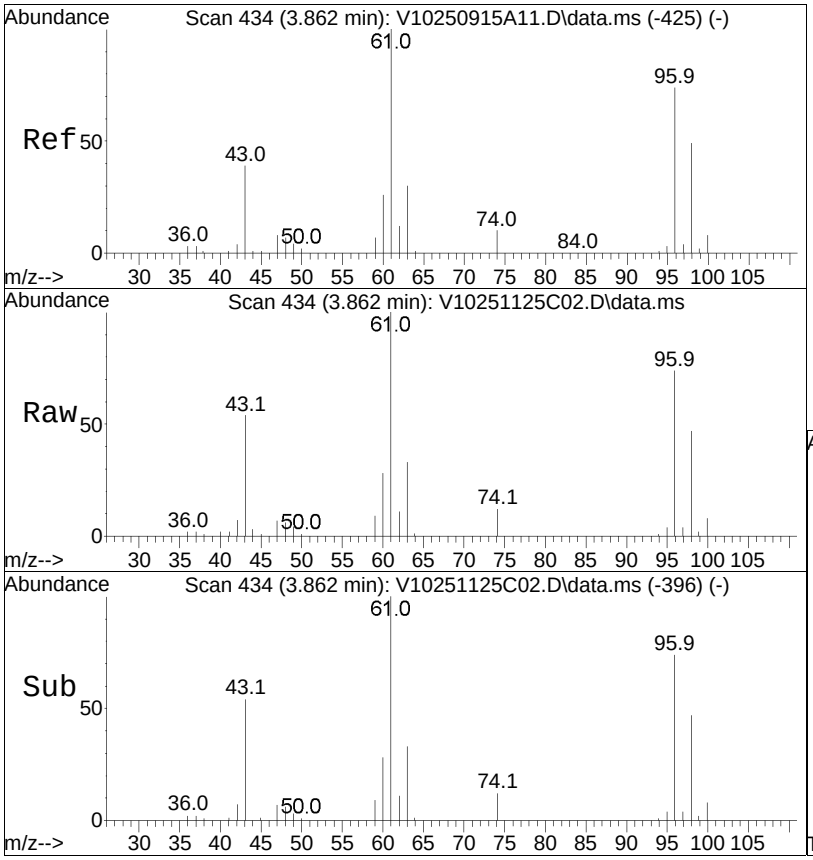


#17
Acetone
Concen: 47.20 ug/L
RT: 3.752 min Scan# 413
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 43 Resp: 54397

Ion	Ratio	Lower	Upper
43	100		
58	27.2	5.0	7.6#

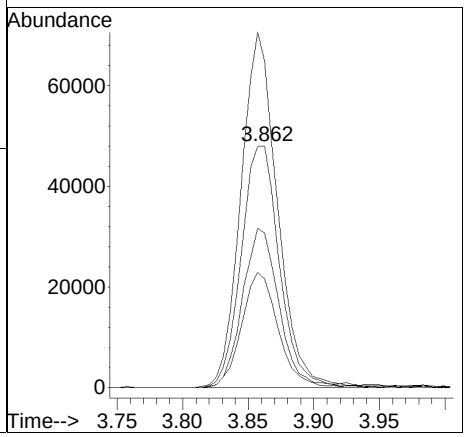


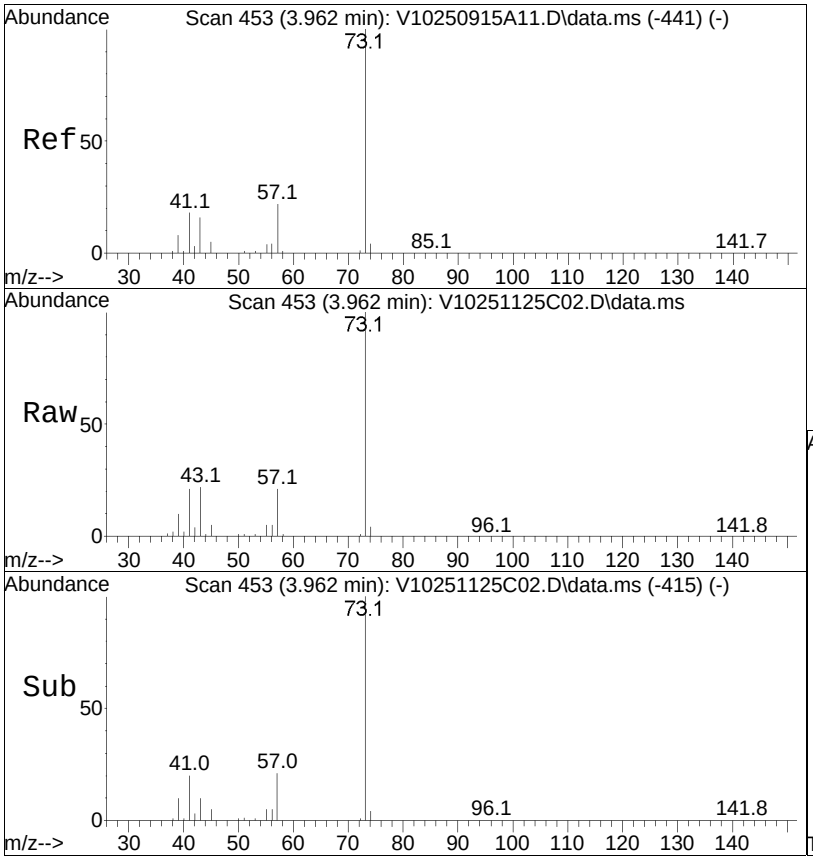


#18
trans-1,2-Dichloroethene
Concen: 35.08 ug/L
RT: 3.862 min Scan# 434
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 96 Resp: 97657

Ion	Ratio	Lower	Upper
96	100		
61	139.9	102.0	211.8
98	63.0	40.9	84.9
63	45.2	32.8	68.2

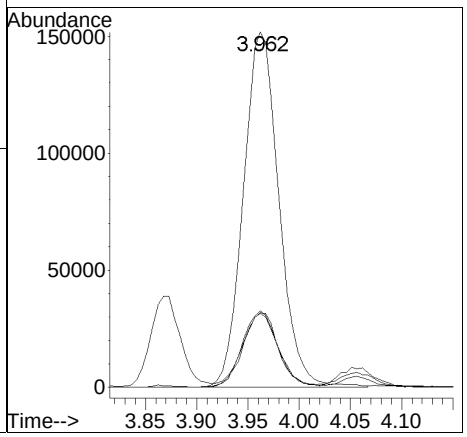


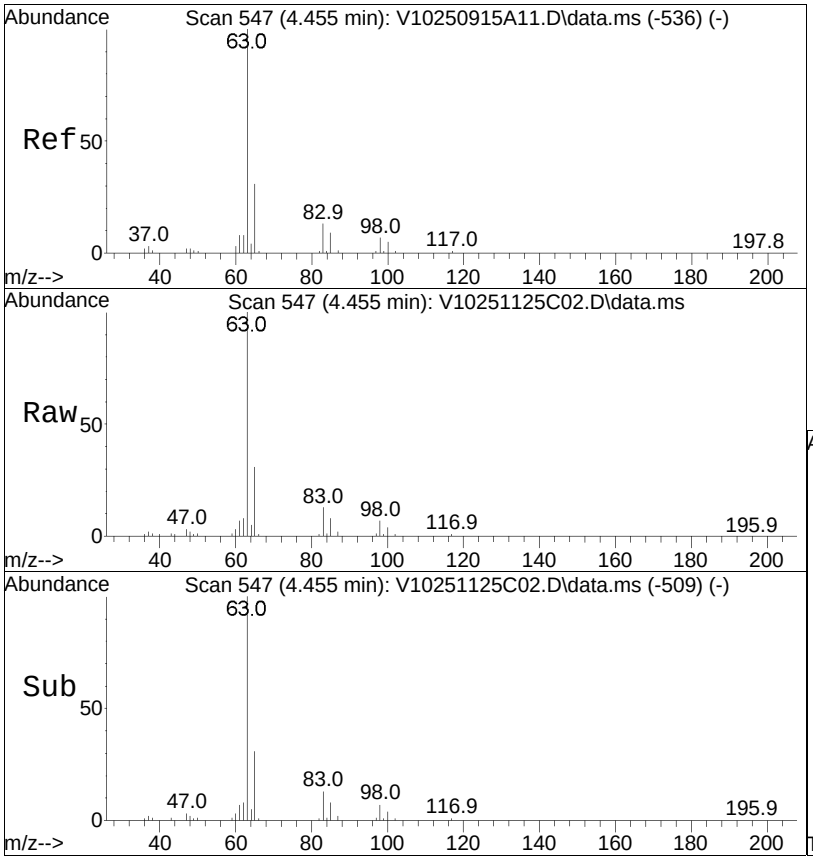


#20
Methyl tert-butyl ether
Concen: 42.80 ug/L
RT: 3.962 min Scan# 453
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 73 Resp: 367800

Ion	Ratio	Lower	Upper
73	100		
57	21.1	15.9	32.9
43	21.1	15.7	32.5
41	20.9	14.8	30.8

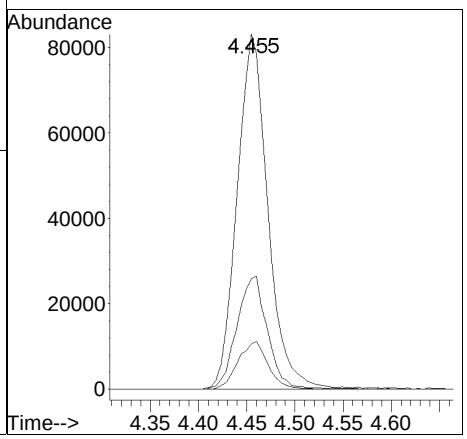


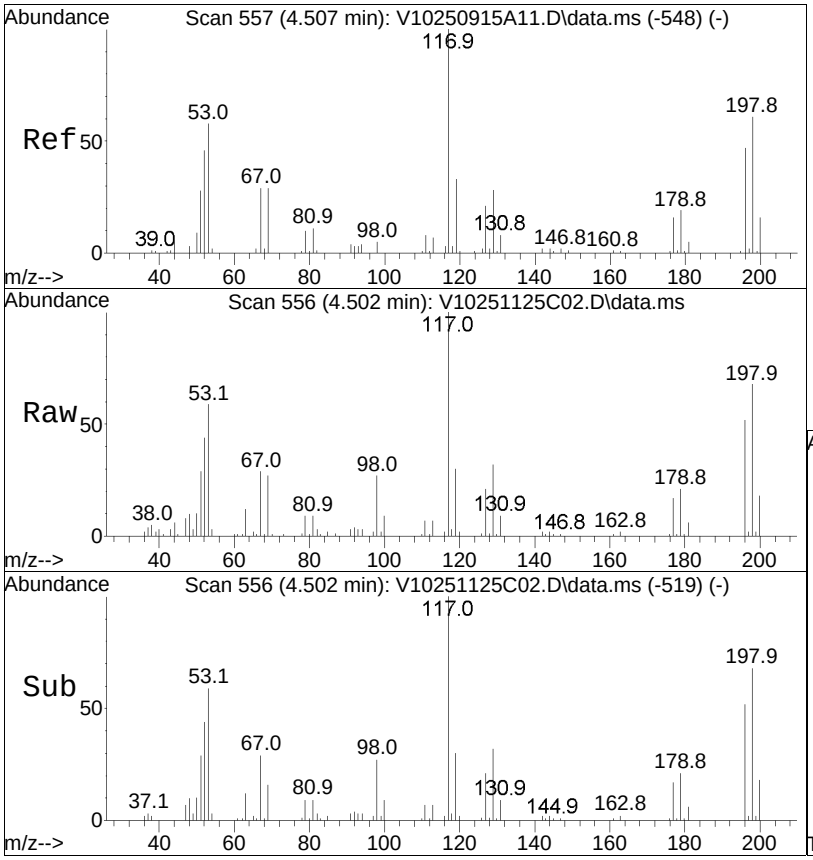


#23
1,1-Dichloroethane
Concen: 37.36 ug/L
RT: 4.455 min Scan# 547
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 63 Resp: 185282

Ion	Ratio	Lower	Upper
63	100		
65	31.5	11.0	51.0
83	13.2	0.0	32.5

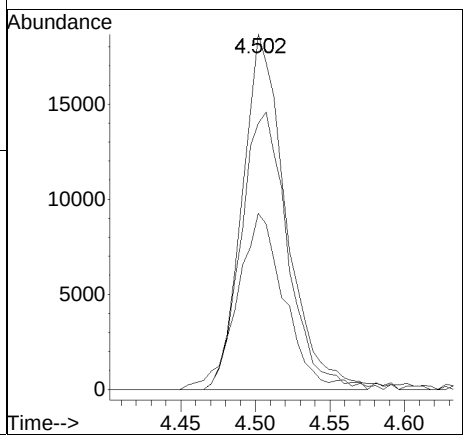


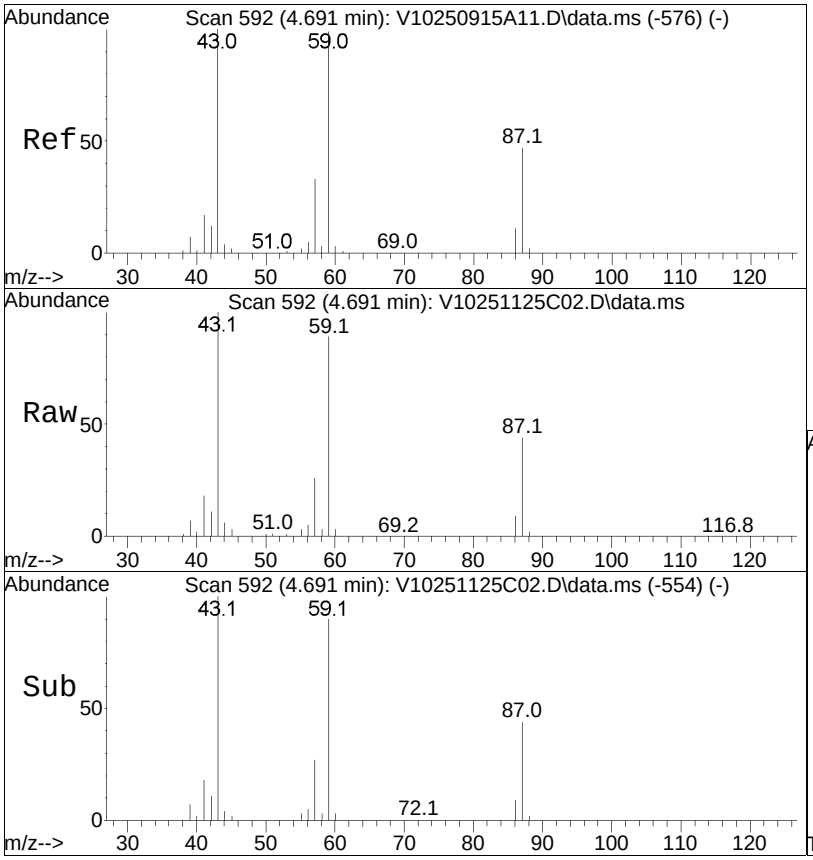


#25
Acrylonitrile
Concen: 39.68 ug/L
RT: 4.502 min Scan# 556
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 53 Resp: 38158

Ion	Ratio	Lower	Upper
53	100		
52	84.3	64.2	96.4
51	54.2	29.8	44.6#

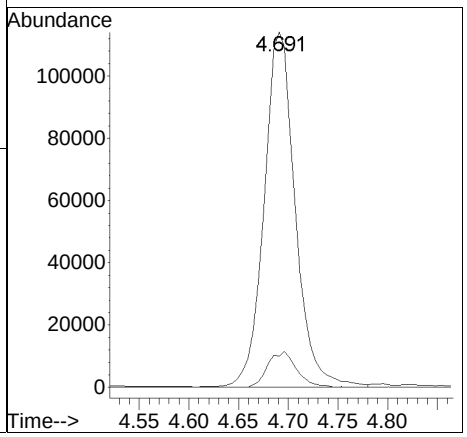


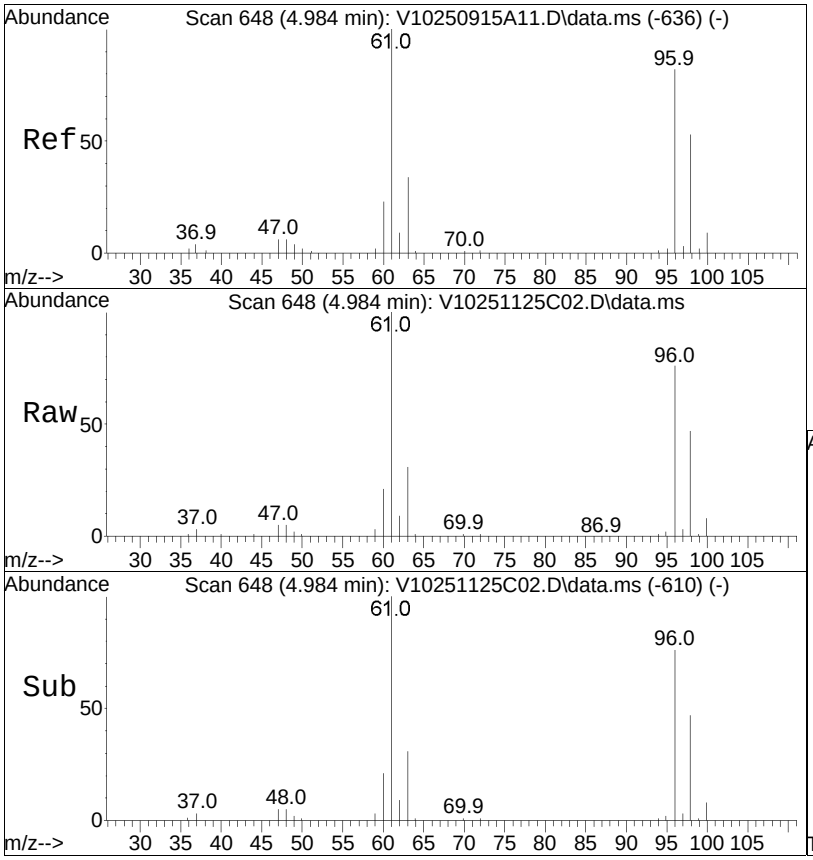


#27
Vinyl acetate
Concen: 46.04 ug/L
RT: 4.691 min Scan# 592
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 43 Resp: 250277

Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.9	11.9

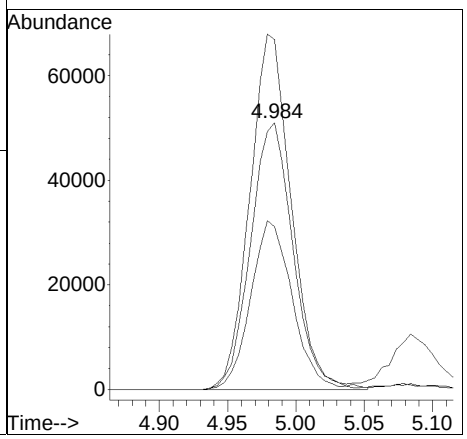


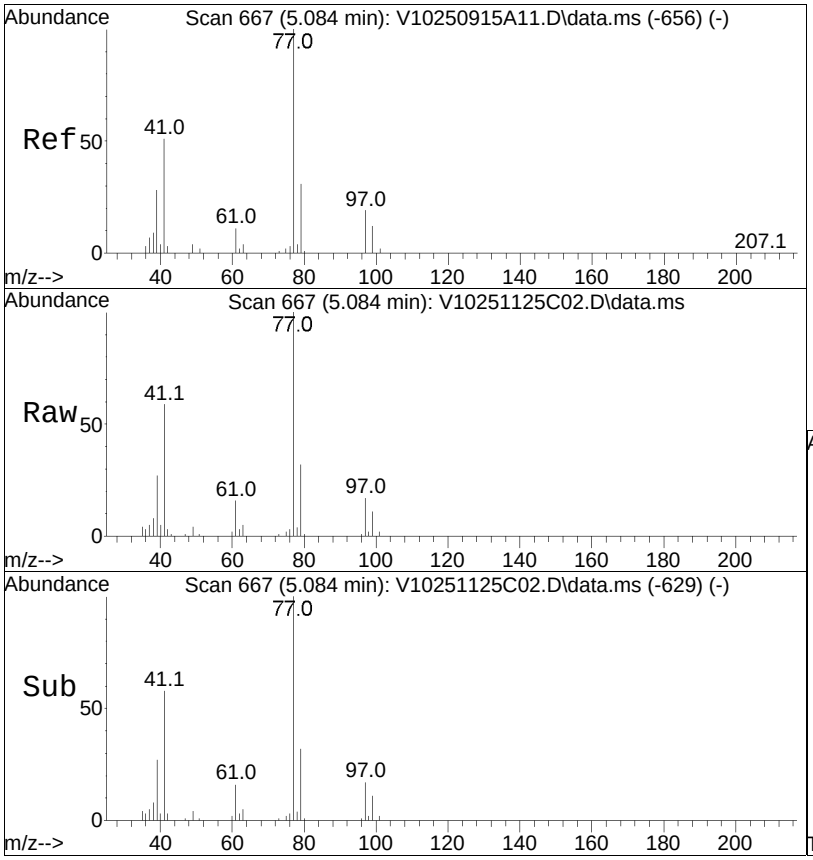


#28
cis-1,2-Dichloroethene
Concen: 35.96 ug/L
RT: 4.984 min Scan# 648
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 96 Resp: 110417

Ion	Ratio	Lower	Upper
96	100		
61	129.1	101.0	151.4
98	62.2	50.7	76.1

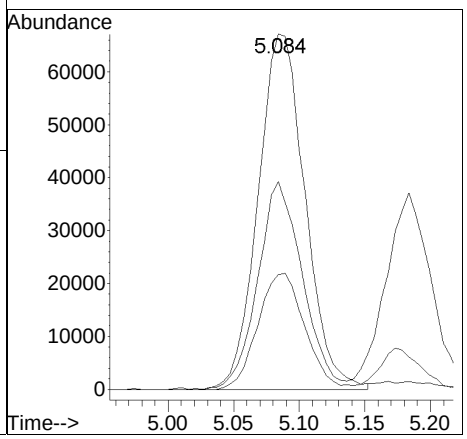


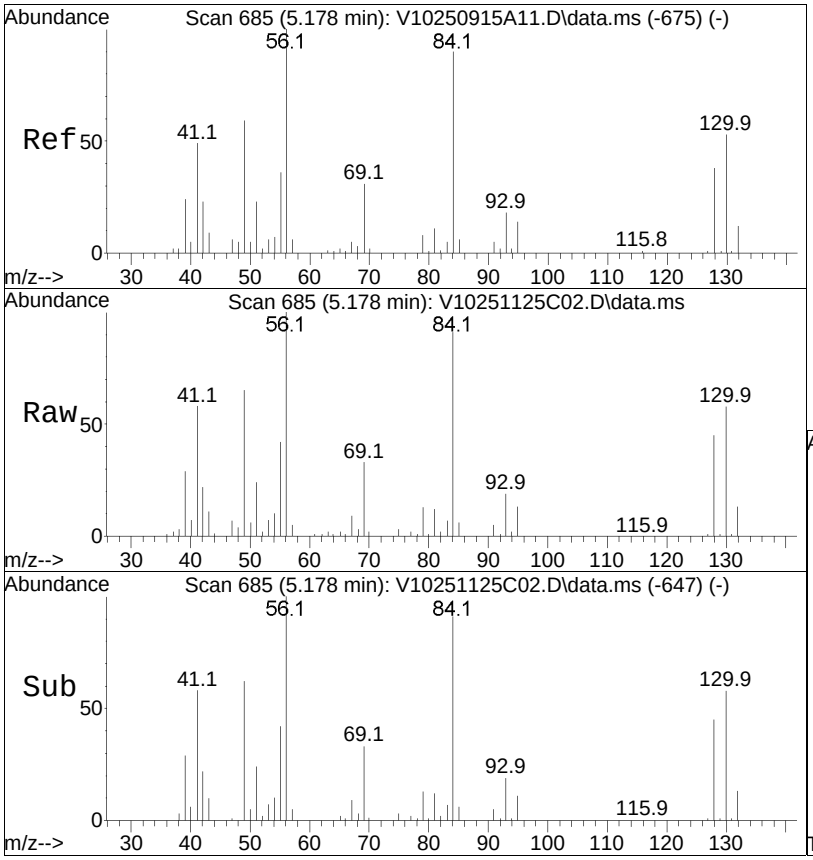


#29
2,2-Dichloropropane
Concen: 40.03 ug/L
RT: 5.084 min Scan# 667
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 77 Resp: 167360

Ion	Ratio	Lower	Upper
77	100		
41	55.6	42.1	87.5
79	32.7	21.1	43.9

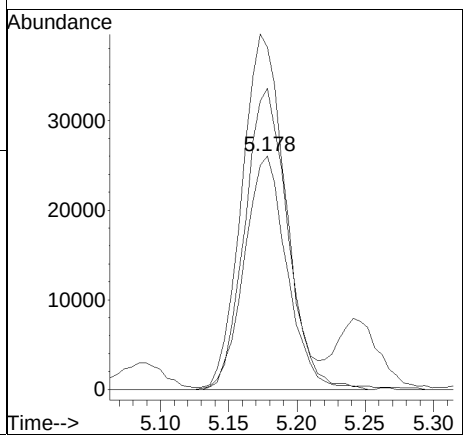


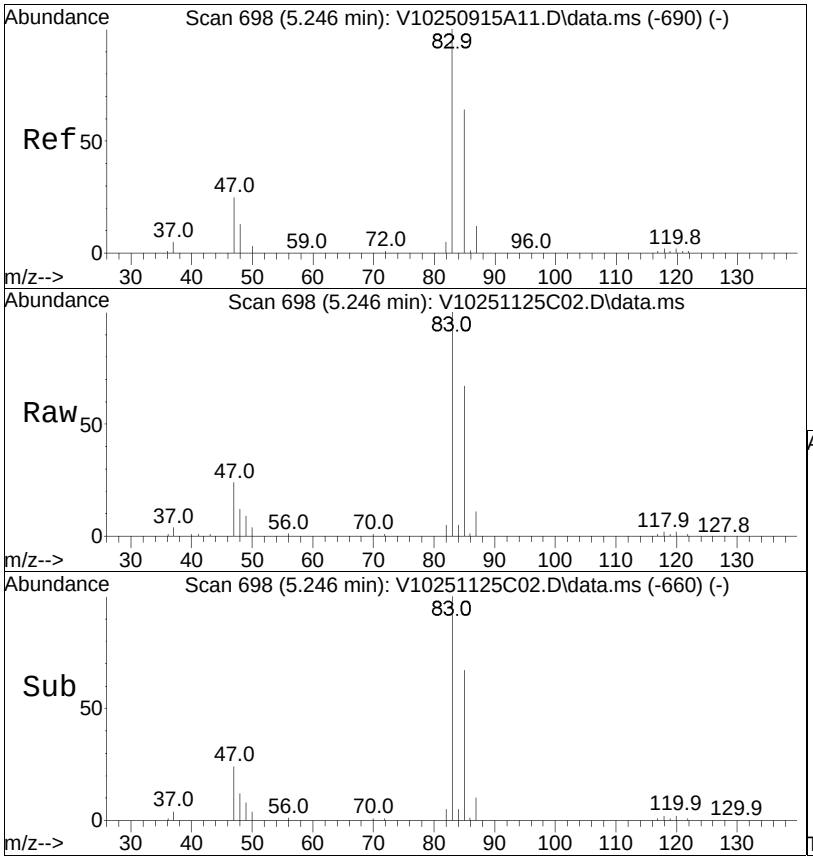


#30
Bromochloromethane
Concen: 38.16 ug/L
RT: 5.178 min Scan# 685
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:128 Resp: 56543

Ion	Ratio	Lower	Upper
128	100		
49	154.0	145.7	218.5
130	130.8	101.9	152.9

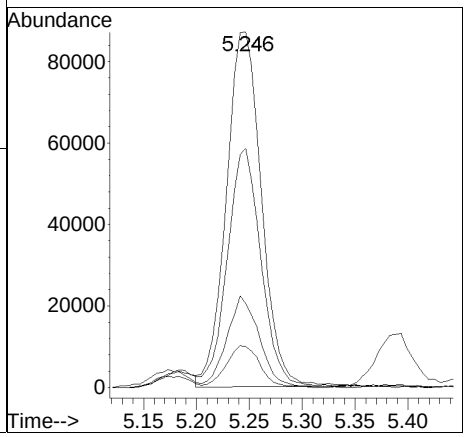


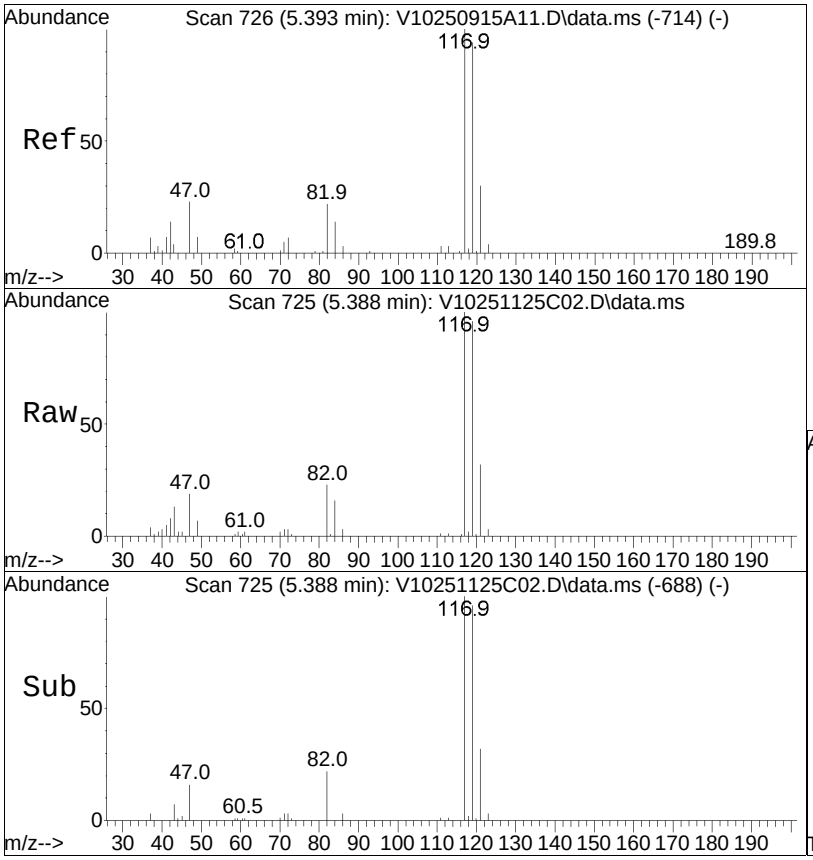


#32
Chloroform
Concen: 39.47 ug/L
RT: 5.246 min Scan# 698
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 83 Resp: 201709

Ion	Ratio	Lower	Upper
83	100		
85	63.5	41.9	87.1
47	23.2	18.4	38.2
48	11.3	9.4	19.4

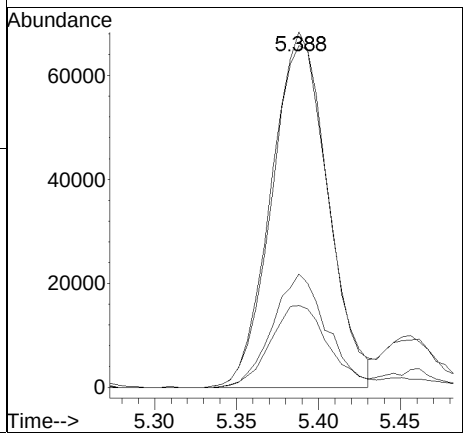


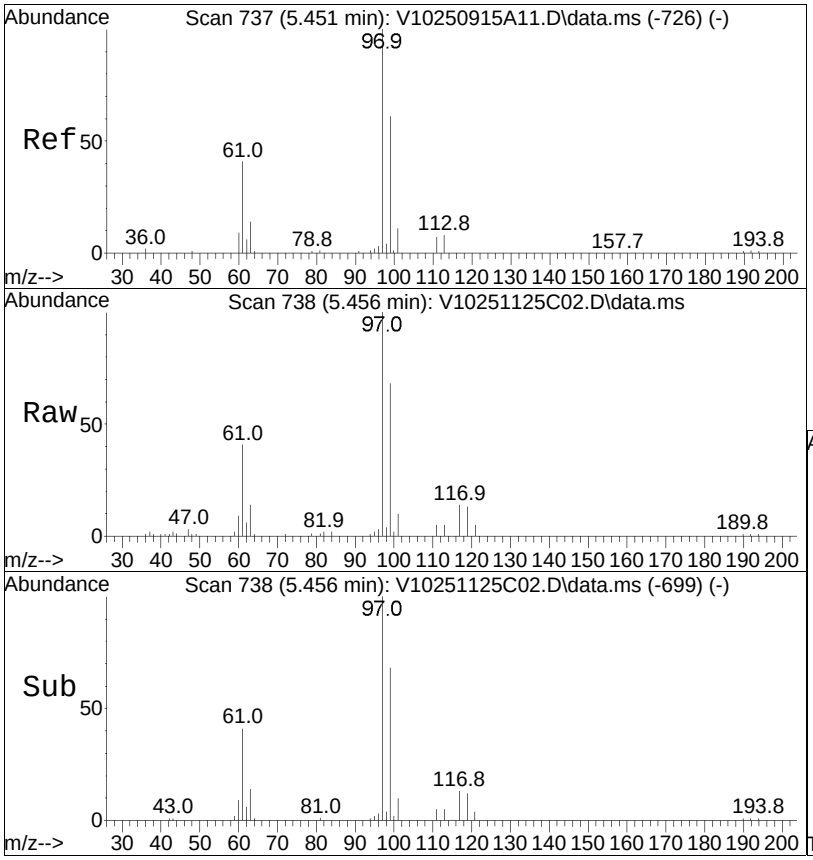


#34
Carbon tetrachloride
Concen: 45.31 ug/L
RT: 5.388 min Scan# 725
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:117 Resp: 164619

Ion	Ratio	Lower	Upper
117	100		
119	97.9	62.9	130.5
121	30.4	19.1	39.7
82	23.9	16.3	33.9

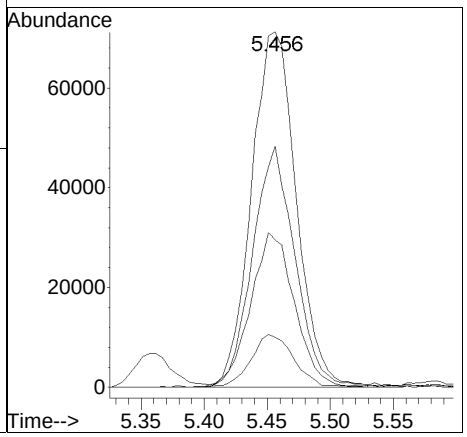


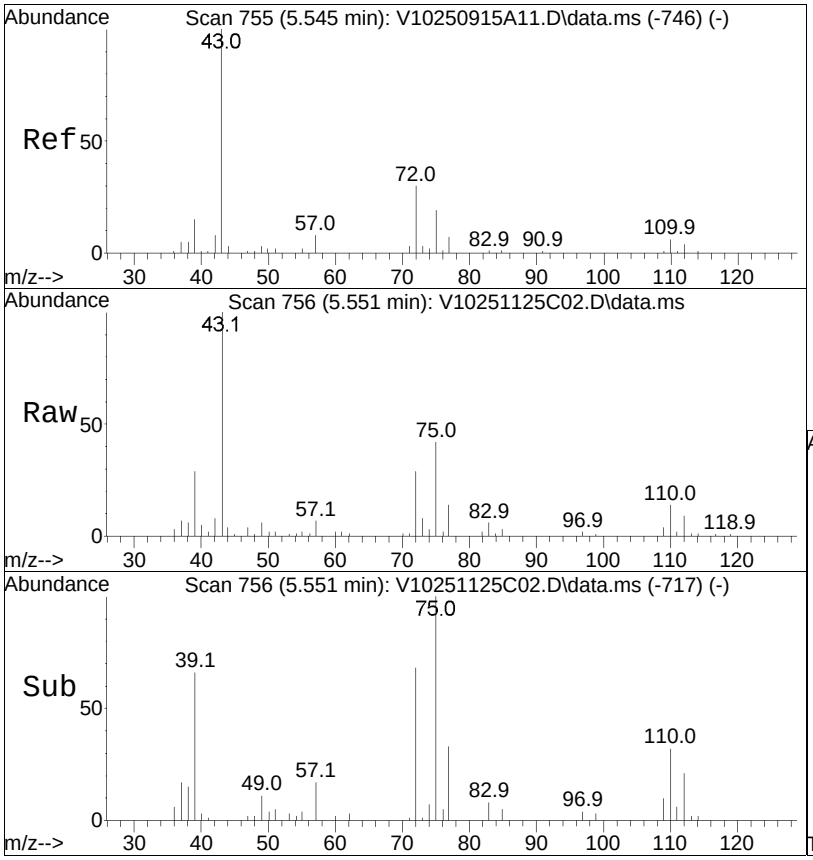


#37
1,1,1-Trichloroethane
Concen: 44.41 ug/L
RT: 5.456 min Scan# 738
Delta R.T. 0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 97 Resp: 176484

Ion	Ratio	Lower	Upper
97	100		
99	64.4	41.7	86.5
61	41.8	30.1	62.5
63	14.5	9.9	20.5

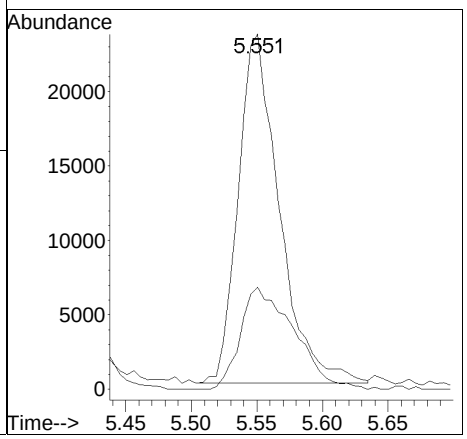


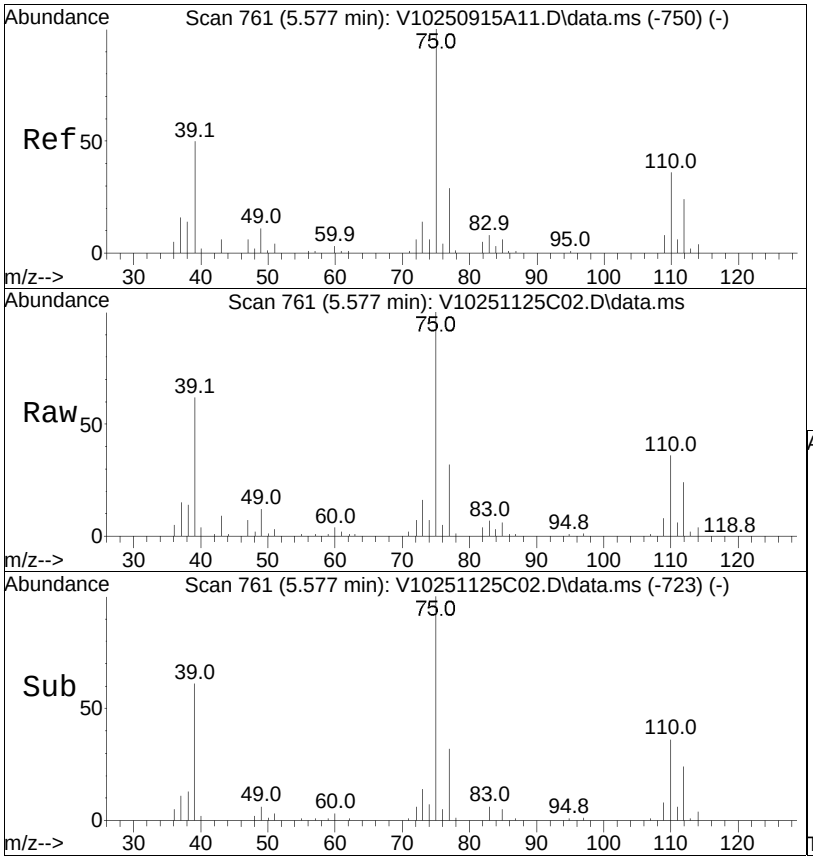


#39
2-Butanone
Concen: 46.18 ug/L
RT: 5.551 min Scan# 756
Delta R.T. 0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 43 Resp: 51132

Ion	Ratio	Lower	Upper
43	100		
72	38.2	113.1	169.7#

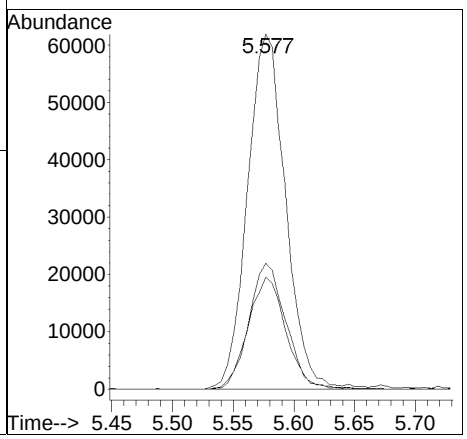


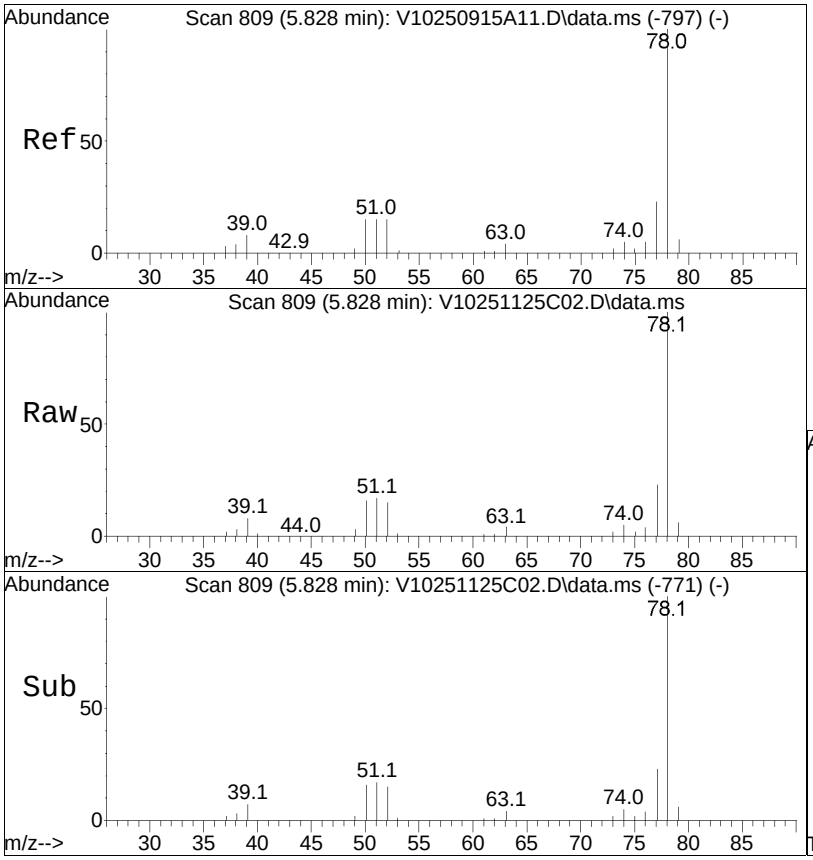


#40
1,1-Dichloropropene
Concen: 40.47 ug/L
RT: 5.577 min Scan# 761
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 75 Resp: 135311

Ion	Ratio	Lower	Upper
75	100		
110	34.6	21.6	45.0
77	31.5	20.4	42.4

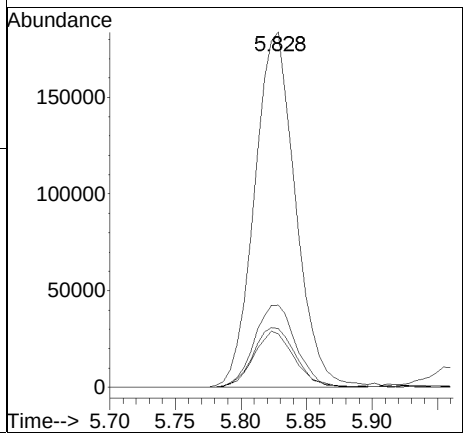


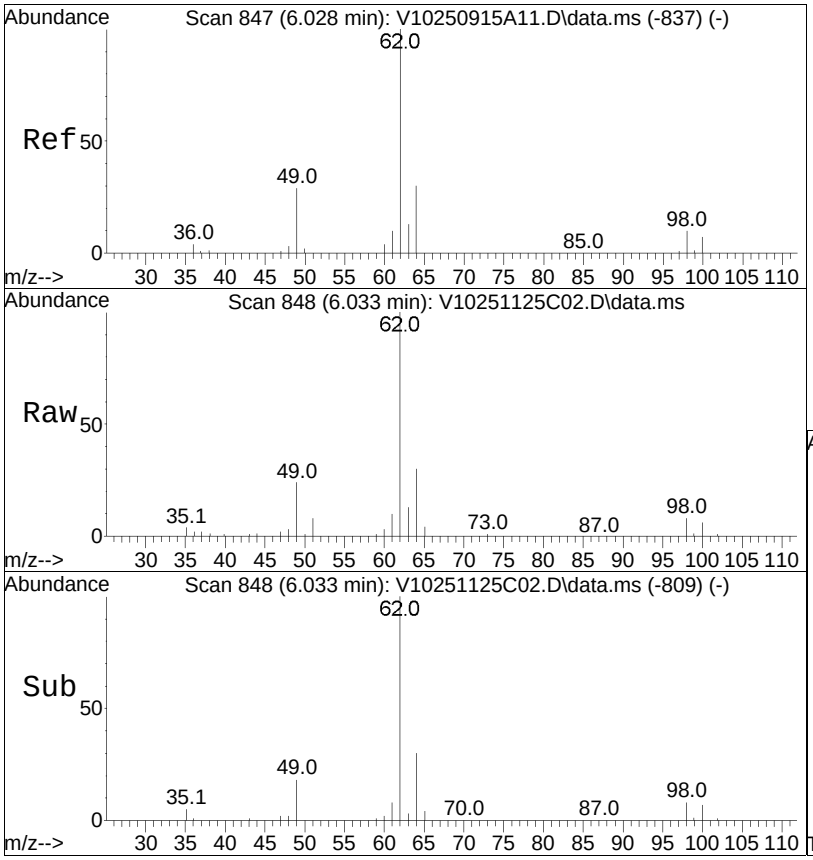


#41
Benzene
Concen: 37.98 ug/L
RT: 5.828 min Scan# 809
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 78 Resp: 398636

Ion	Ratio	Lower	Upper
78	100		
77	23.8	16.1	33.5
51	17.5	11.8	24.6
52	15.7	11.0	22.8

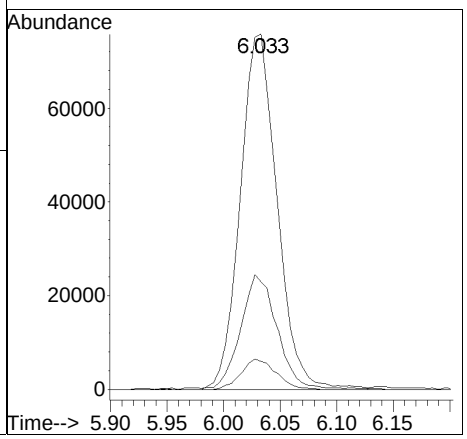


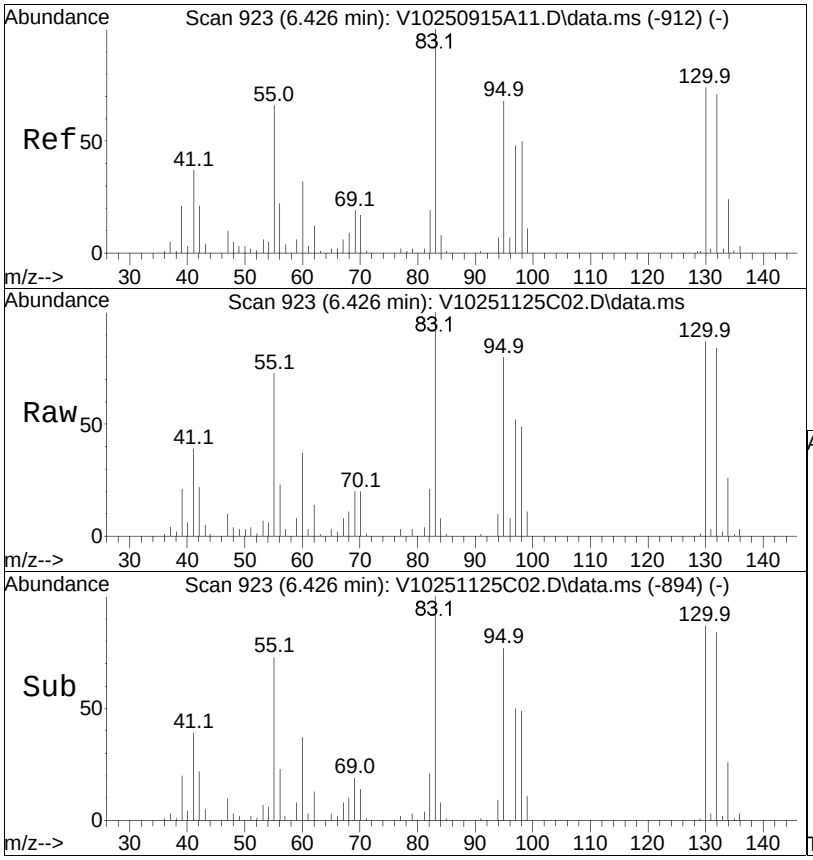


#44
1,2-Dichloroethane
Concen: 48.74 ug/L
RT: 6.033 min Scan# 848
Delta R.T. 0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 62 Resp: 171706

Ion	Ratio	Lower	Upper
62	100		
64	32.4	12.3	52.3
98	8.1	0.0	29.5

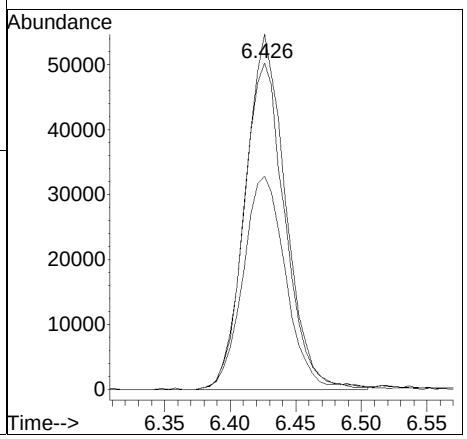


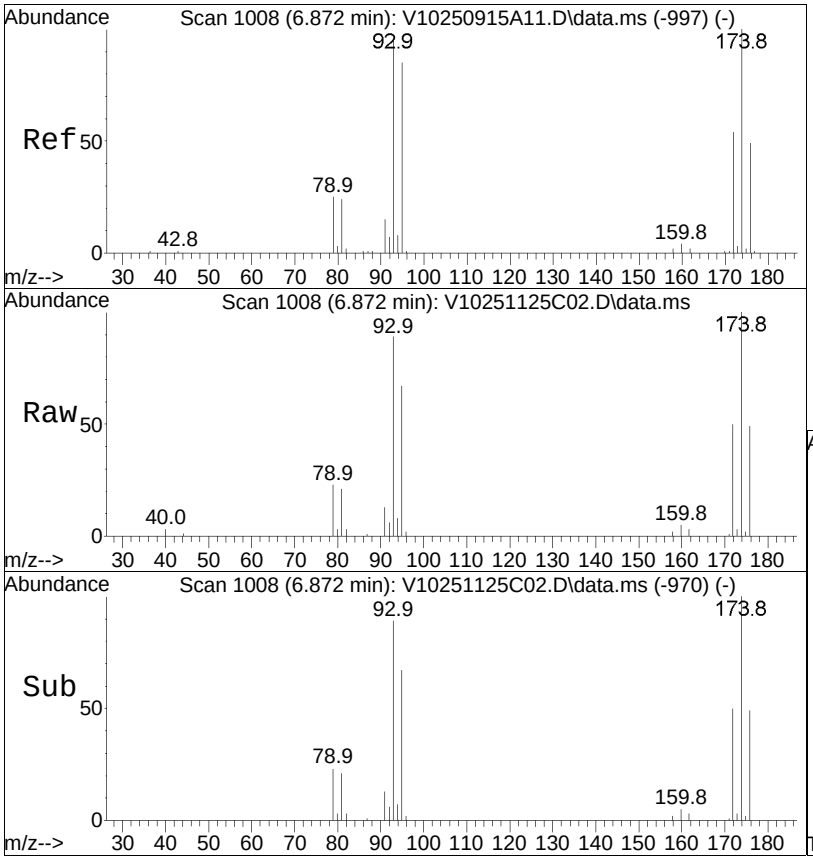


#48
Trichloroethene
Concen: 39.12 ug/L
RT: 6.426 min Scan# 923
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 95 Resp: 109052

Ion	Ratio	Lower	Upper
95	100		
97	68.4	53.3	79.9
130	107.1	80.7	121.1

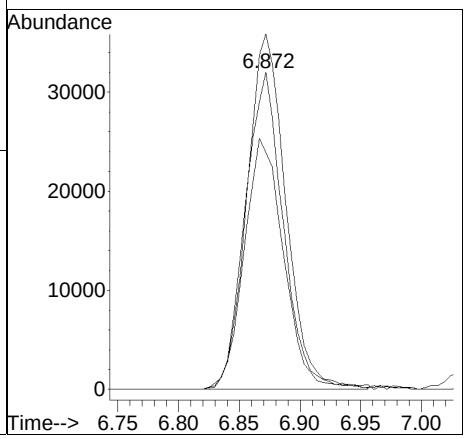


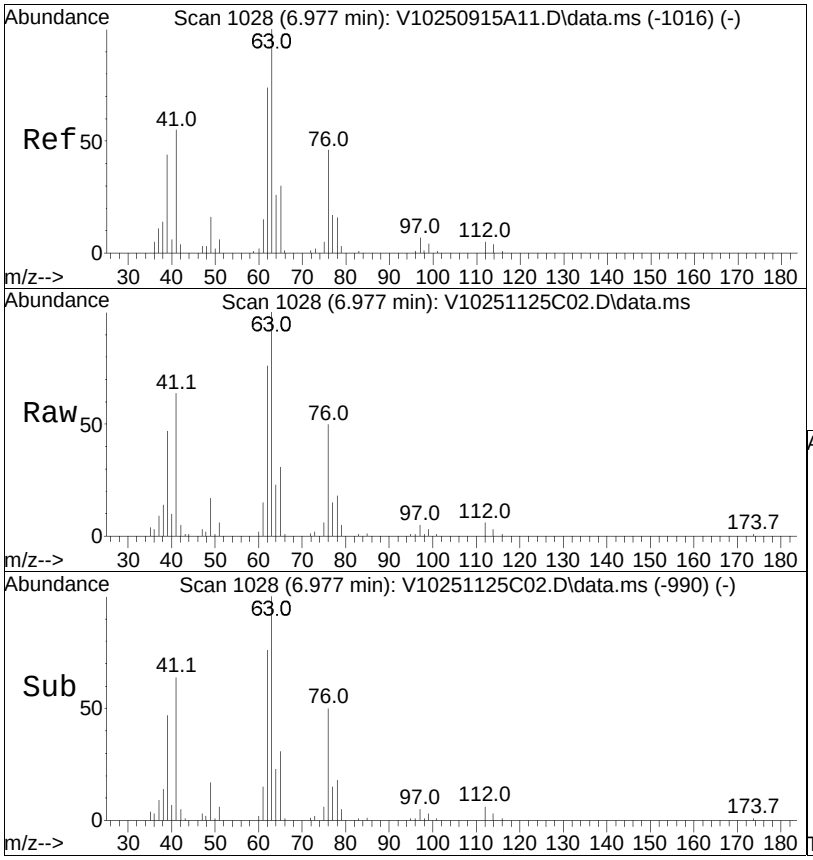


#50
Dibromomethane
Concen: 39.72 ug/L
RT: 6.872 min Scan# 1008
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 93 Resp: 70086

Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.8	98.6
174	114.4	69.0	103.4#

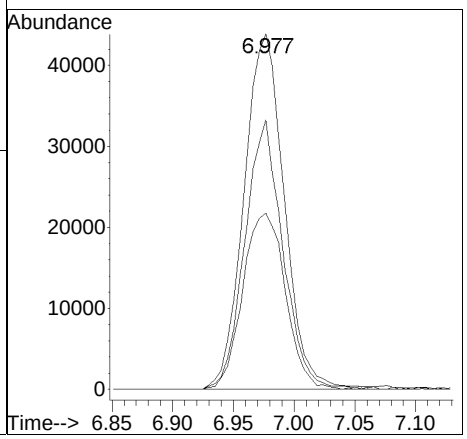


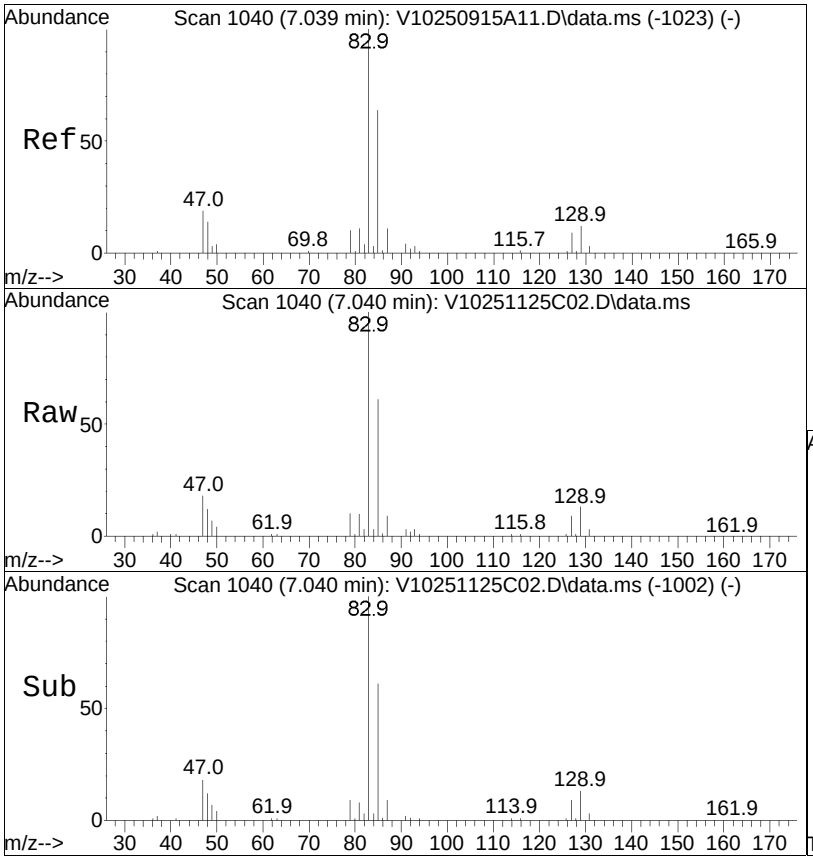


#51
1,2-Dichloropropane
Concen: 37.01 ug/L
RT: 6.977 min Scan# 1028
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 63 Resp: 101303

Ion	Ratio	Lower	Upper
63	100		
62	71.3	56.2	84.2
76	52.4	33.0	49.4#

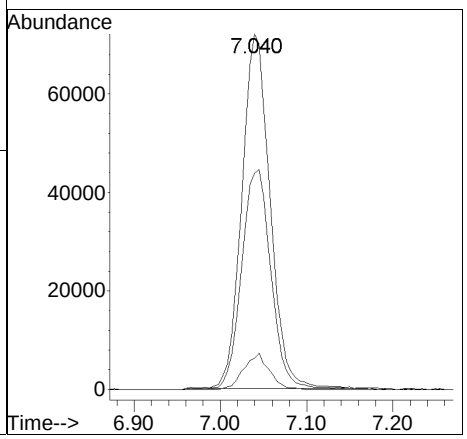


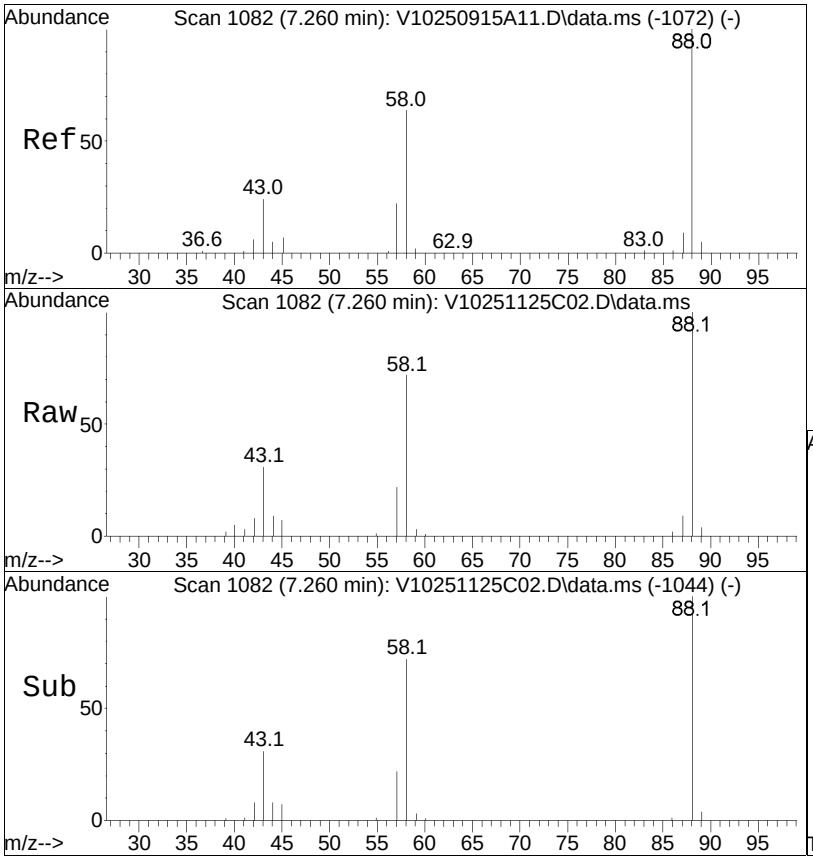


#54
Bromodichloromethane
Concen: 43.34 ug/L
RT: 7.040 min Scan# 1040
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 83 Resp: 164263

Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.9	76.3
127	9.1	6.3	9.5

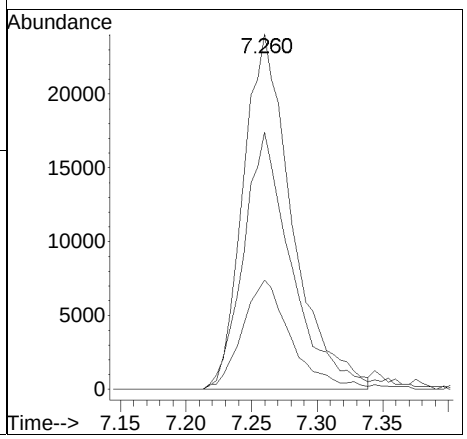


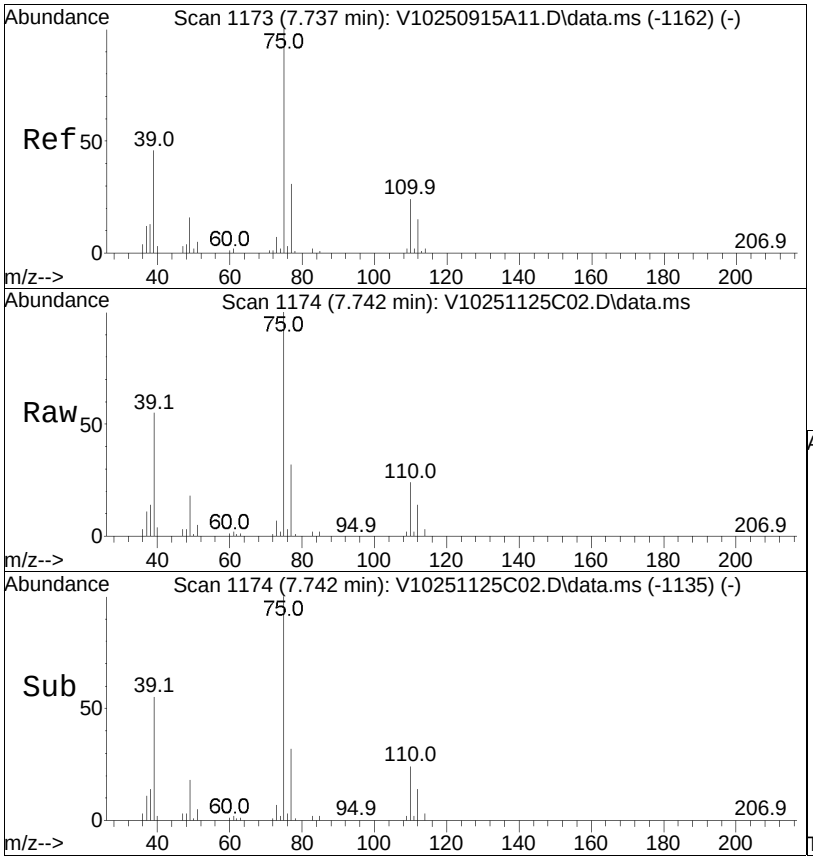


#57
1,4-Dioxane
Concen: 1935.47 ug/L
RT: 7.260 min Scan# 1082
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 88 Resp: 62817

Ion	Ratio	Lower	Upper
88	100		
58	72.3	55.4	83.0
43	30.5	24.7	37.1

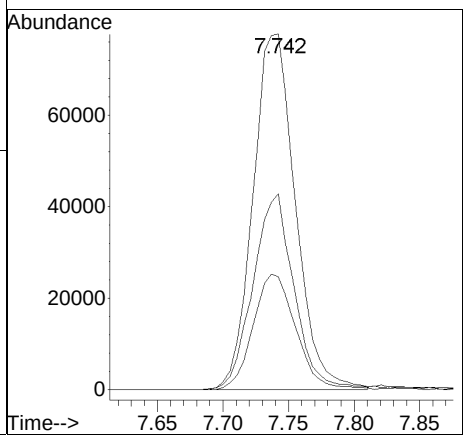


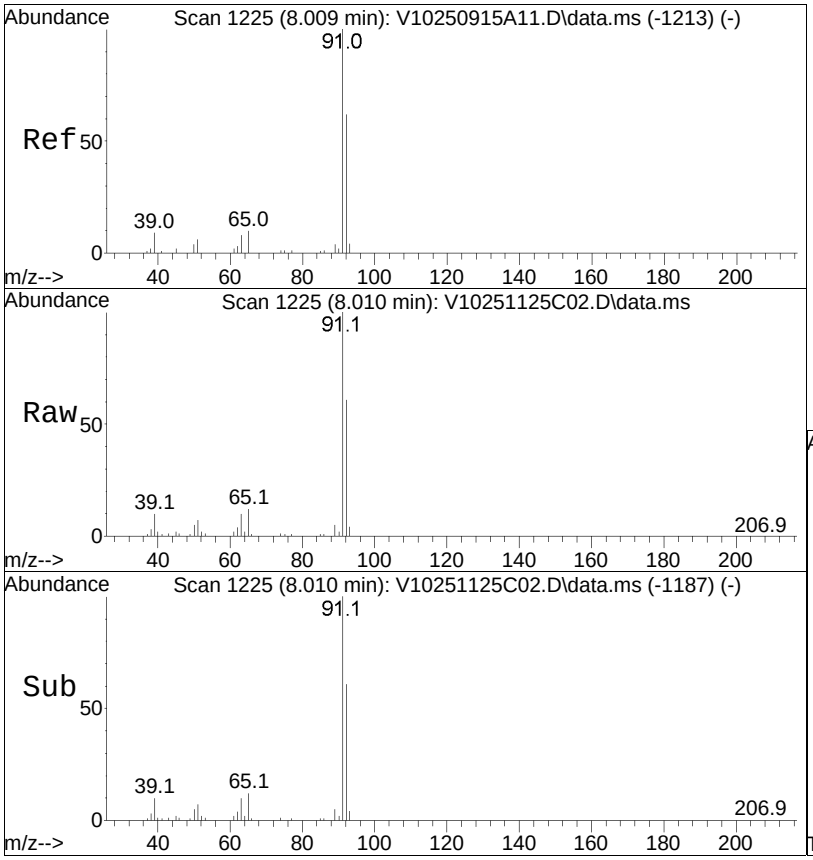


#58
cis-1,3-Dichloropropene
Concen: 40.52 ug/L
RT: 7.742 min Scan# 1174
Delta R.T. 0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 75 Resp: 174574

Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.2	36.4
39	53.8	45.8	68.8

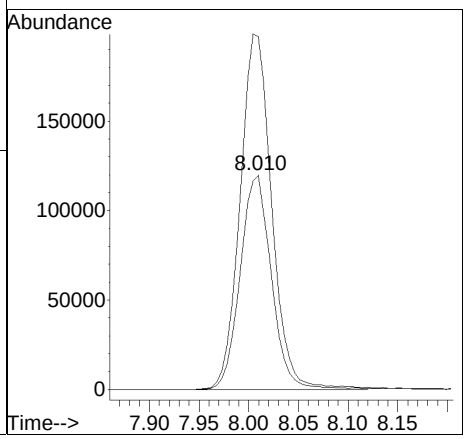


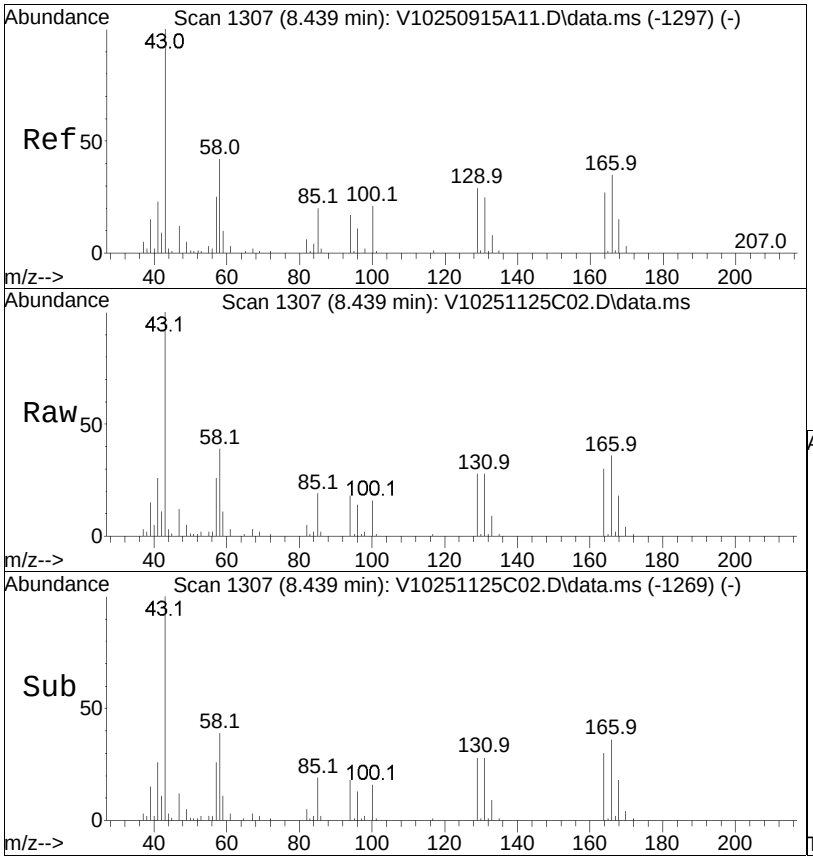


#61
Toluene
Concen: 39.07 ug/L
RT: 8.010 min Scan# 1225
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 92 Resp: 261286

Ion	Ratio	Lower	Upper
92	100		
91	168.6	134.9	202.3

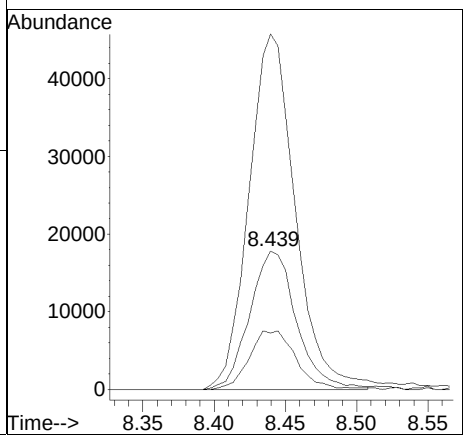


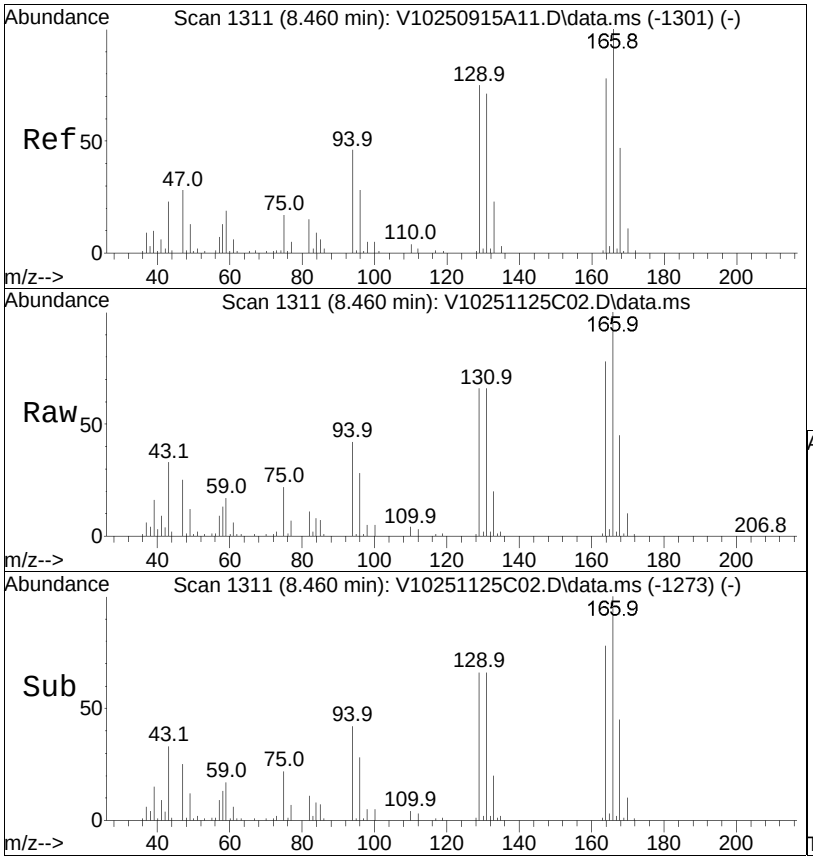


#62
4-Methyl-2-pentanone
Concen: 40.78 ug/L
RT: 8.439 min Scan# 1307
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 58 Resp: 40675

Ion	Ratio	Lower	Upper
58	100		
100	42.5	32.3	48.5
43	258.6	207.4	311.0

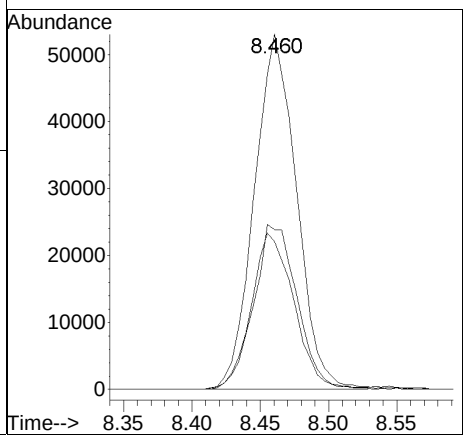


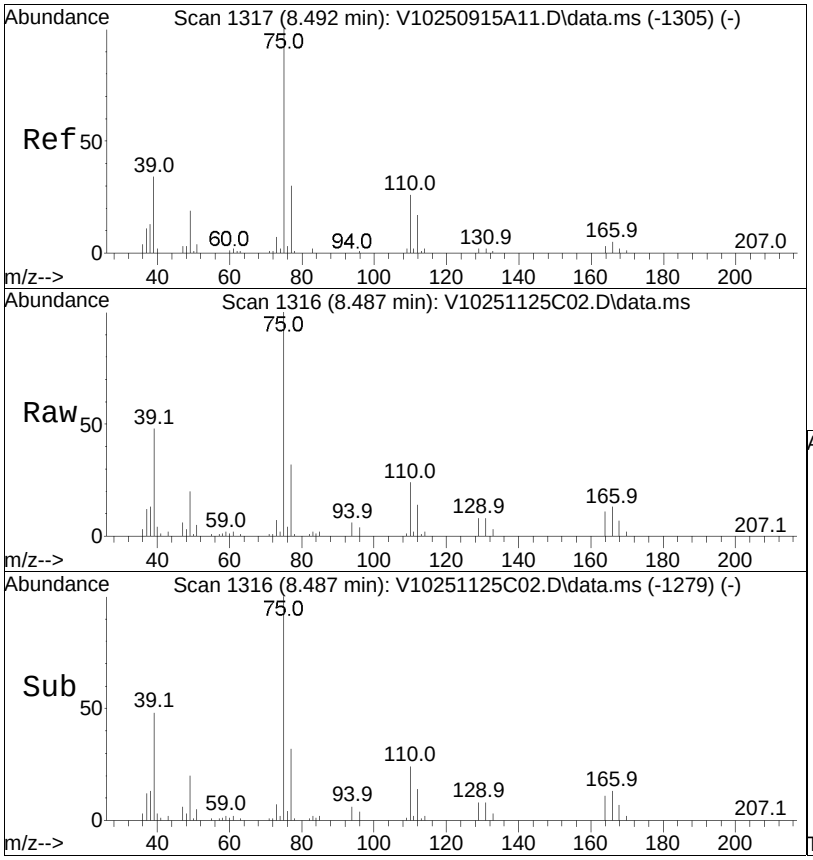


#63
Tetrachloroethene
Concen: 43.20 ug/L
RT: 8.460 min Scan# 1311
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:166 Resp: 113836

Ion	Ratio	Lower	Upper
166	100		
168	47.7	26.7	66.7
94	44.7	24.4	64.4

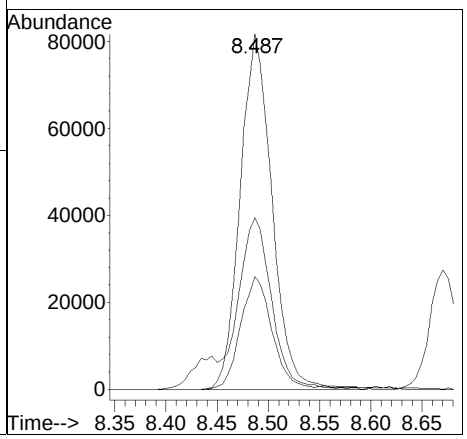


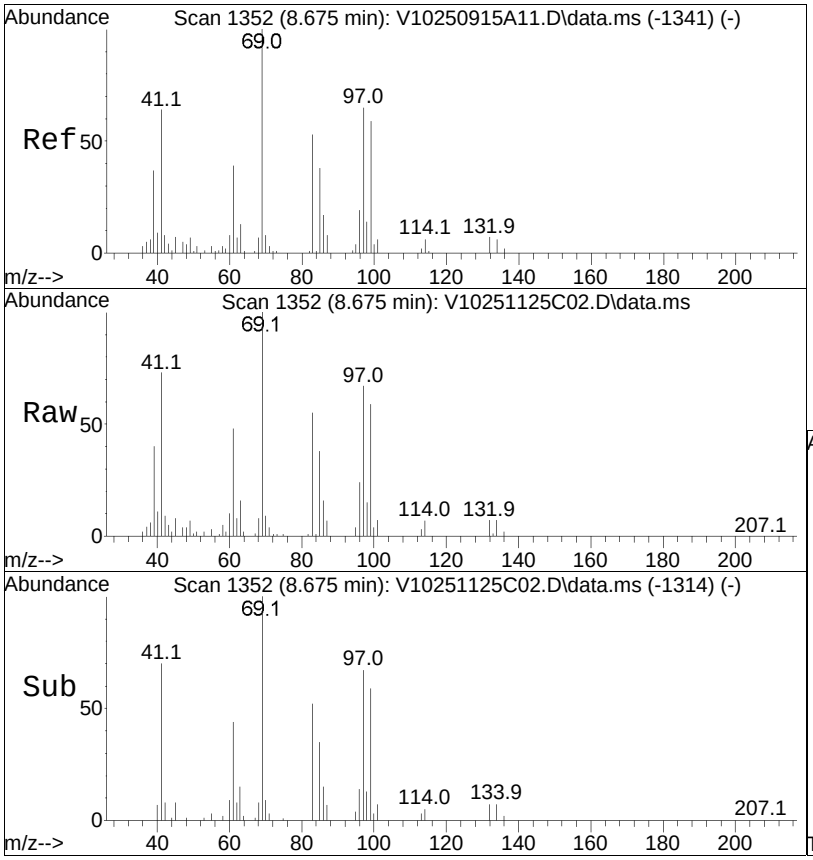


#65
trans-1,3-Dichloropropene
Concen: 45.79 ug/L
RT: 8.487 min Scan# 1316
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 75 Resp: 176824

Ion	Ratio	Lower	Upper
75	100		
77	31.8	11.0	51.0
39	49.0	38.3	78.3

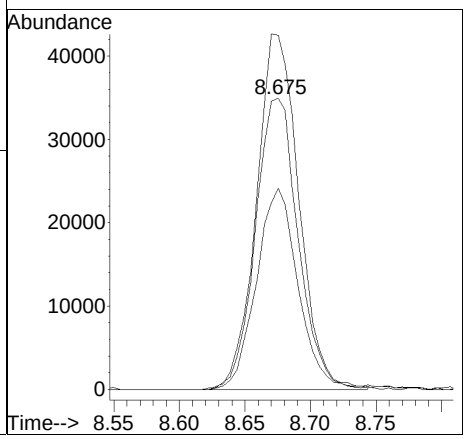


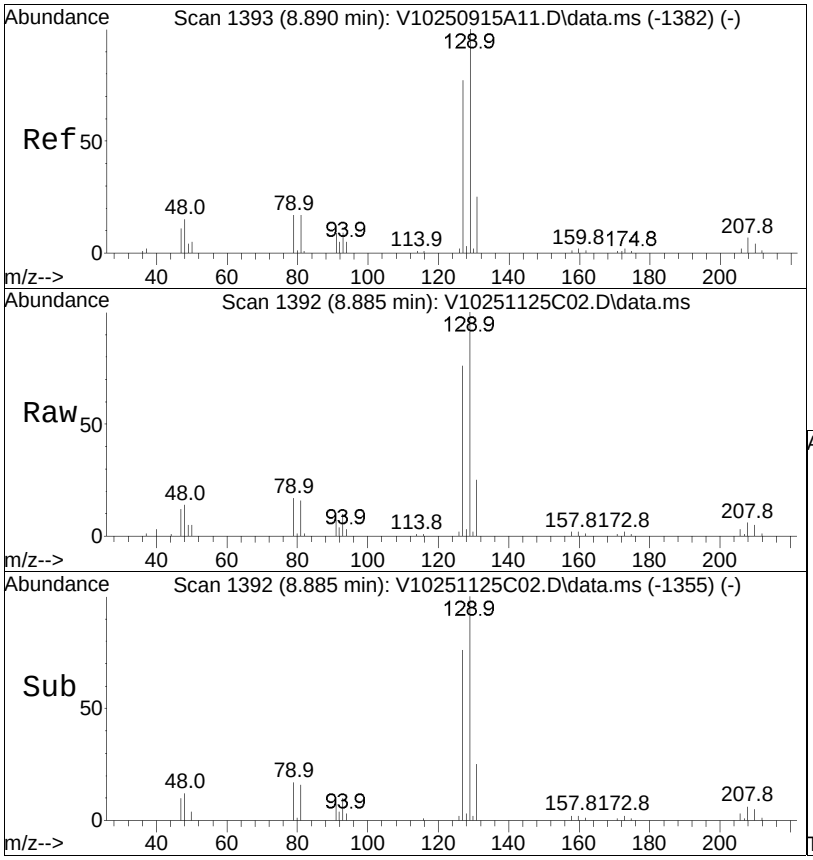


#68
1,1,2-Trichloroethane
Concen: 40.83 ug/L
RT: 8.675 min Scan# 1352
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 83 Resp: 79273

Ion	Ratio	Lower	Upper
83	100		
97	120.7	103.5	143.5
85	67.5	49.8	89.8

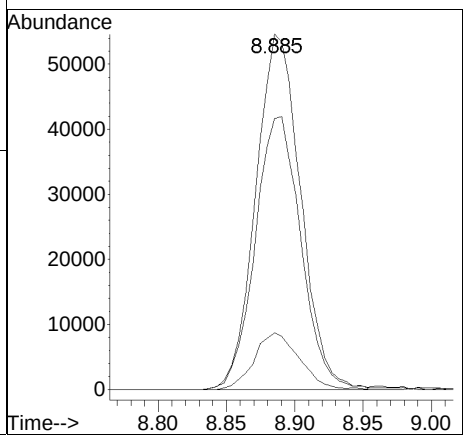


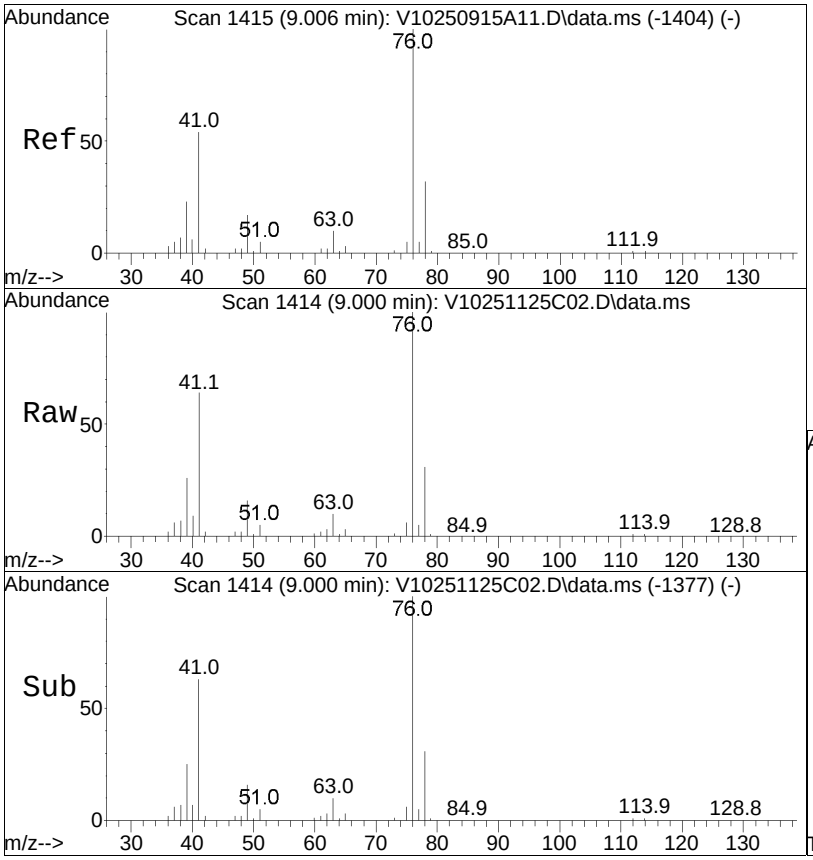


#69
Chlorodibromomethane
Concen: 43.84 ug/L
RT: 8.885 min Scan# 1392
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:129 Resp: 124701

Ion	Ratio	Lower	Upper
129	100		
81	16.0	0.0	38.1
127	78.3	56.5	96.5

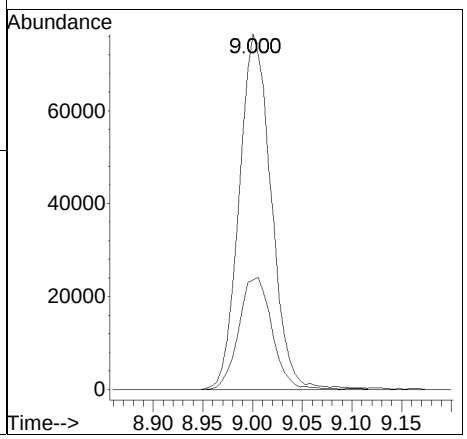


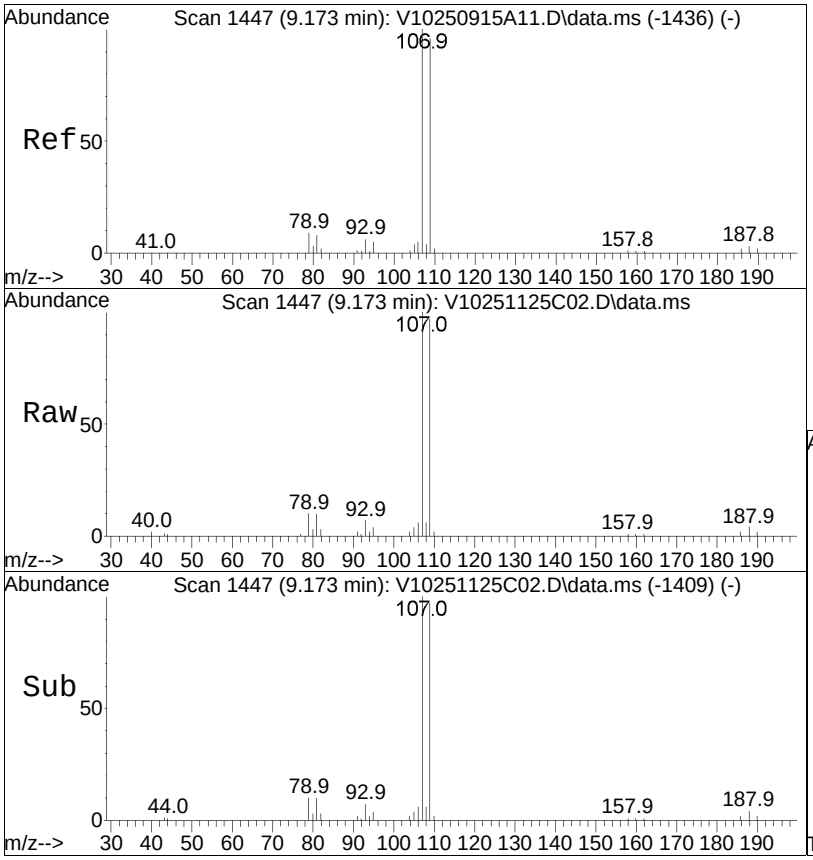


#70
1,3-Dichloropropane
Concen: 42.19 ug/L
RT: 9.000 min Scan# 1414
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 76 Resp: 171606

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.8

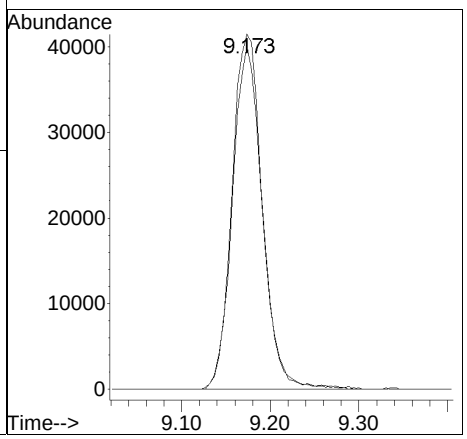


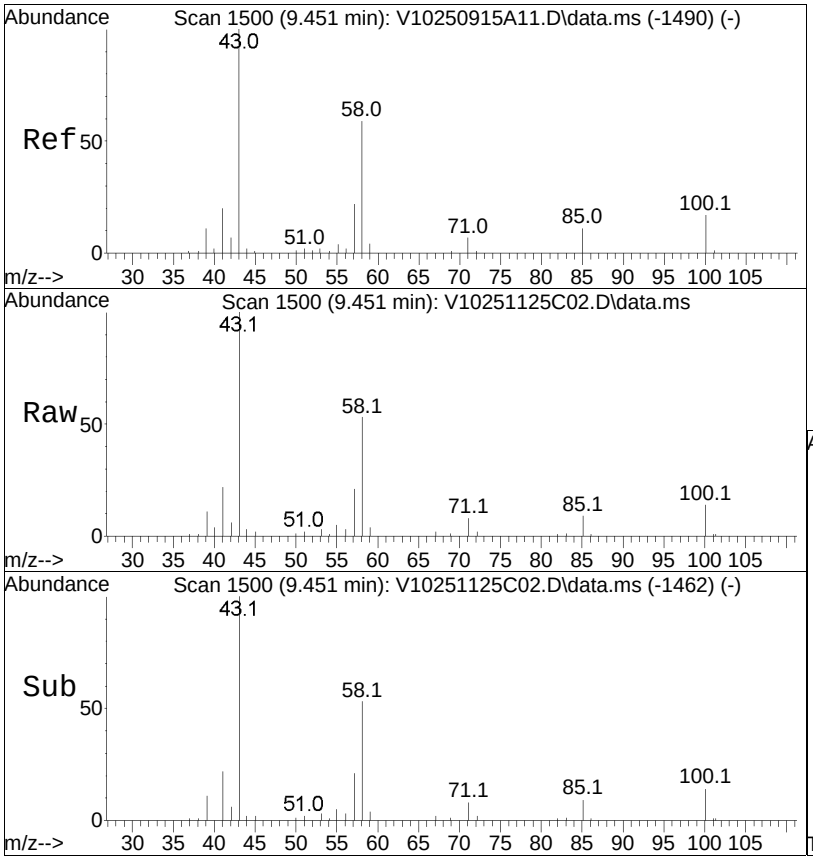


#71
1,2-Dibromoethane
Concen: 41.61 ug/L
RT: 9.173 min Scan# 1447
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:107 Resp: 99244

Ion	Ratio	Lower	Upper
107	100		
109	94.7	76.8	115.2

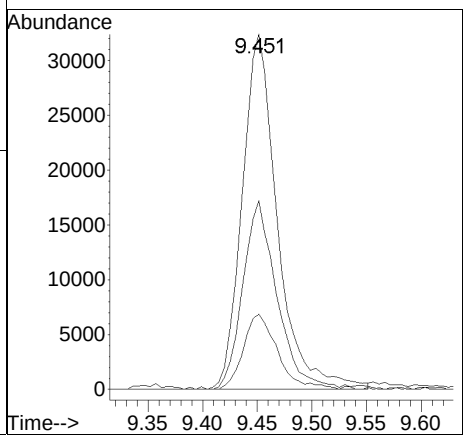


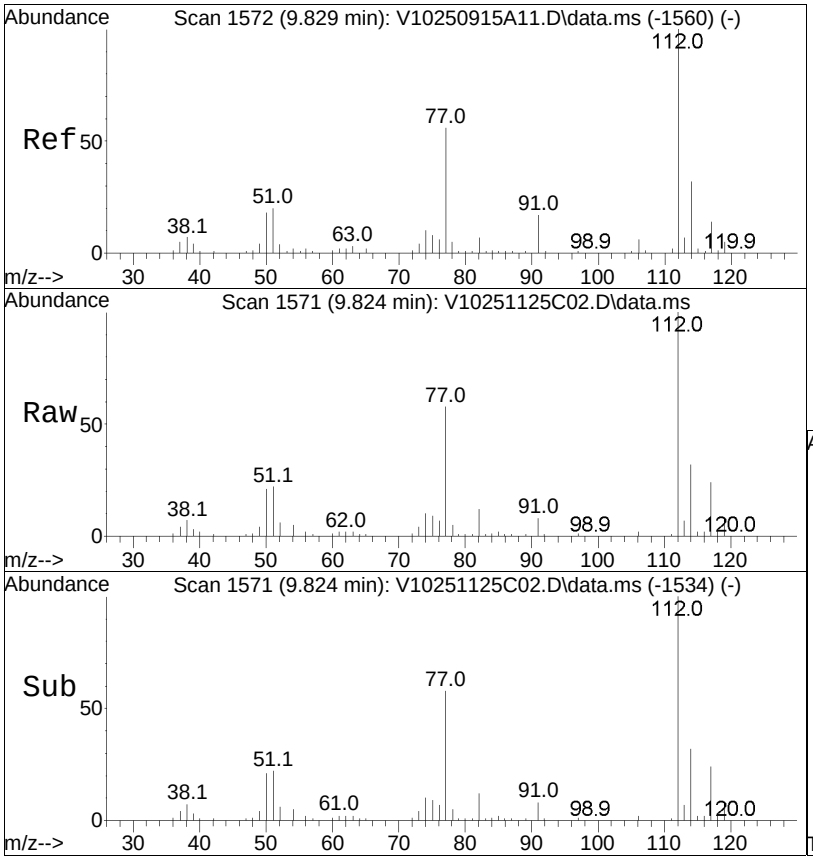


#72
2-Hexanone
Concen: 37.32 ug/L
RT: 9.451 min Scan# 1500
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 43 Resp: 72926

Ion	Ratio	Lower	Upper
43	100		
58	51.2	43.0	64.4
57	20.6	14.6	21.8

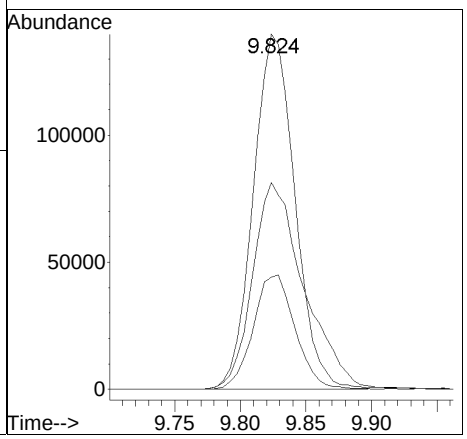


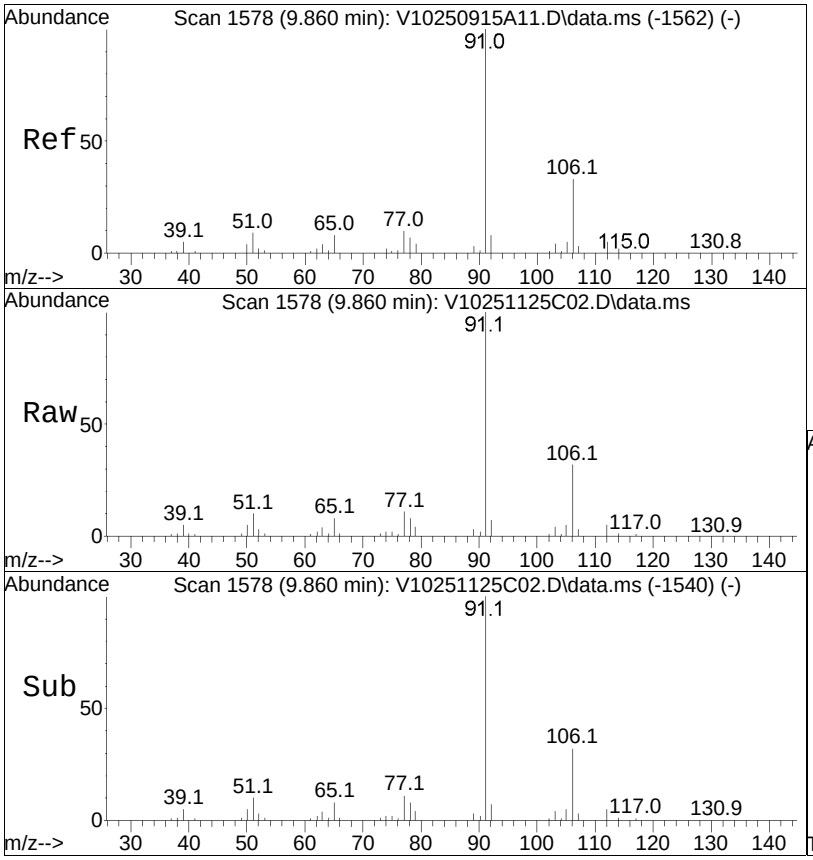


#73
Chlorobenzene
Concen: 40.25 ug/L
RT: 9.824 min Scan# 1571
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:112 Resp: 308982

Ion	Ratio	Lower	Upper
112	100		
77	72.1	47.0	70.6#
114	32.5	26.2	39.2

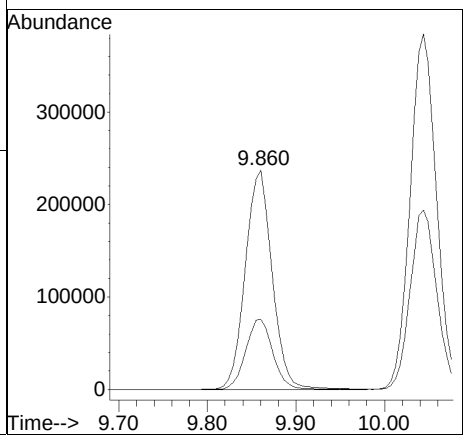


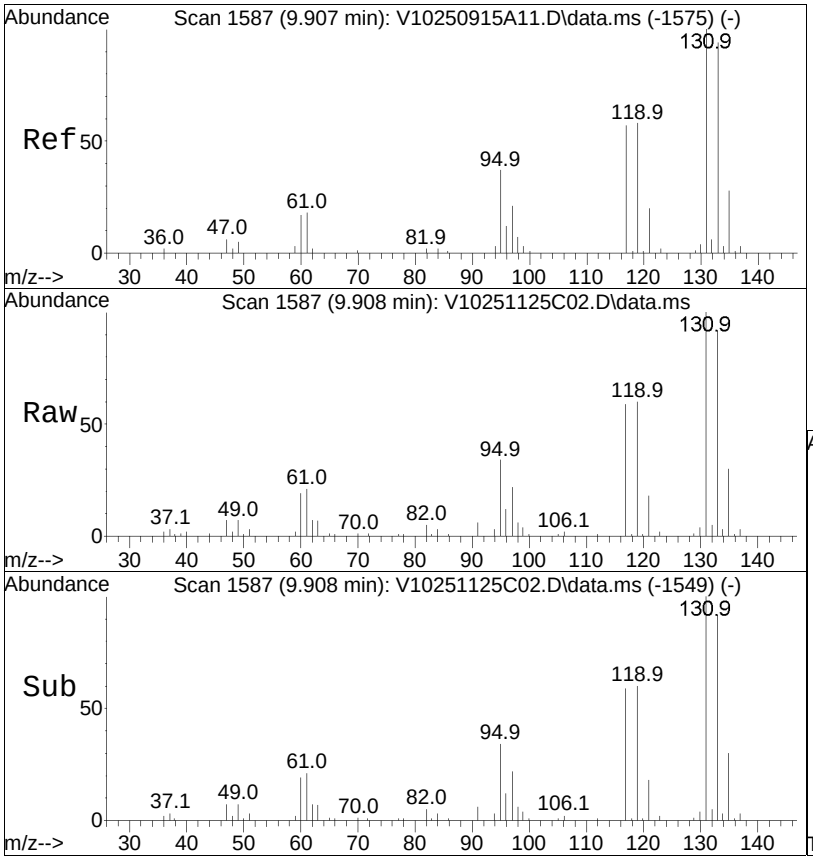


#74
Ethylbenzene
Concen: 39.07 ug/L
RT: 9.860 min Scan# 1578
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 91 Resp: 500593

Ion	Ratio	Lower	Upper
91	100		
106	32.0	24.7	37.1

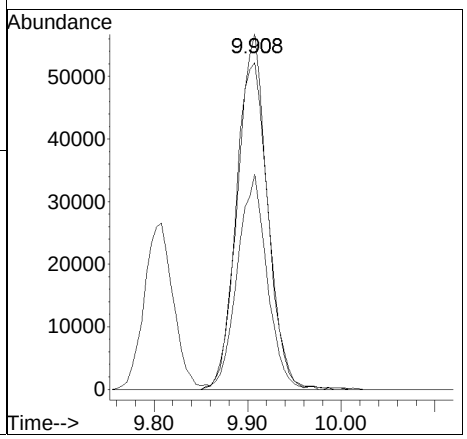


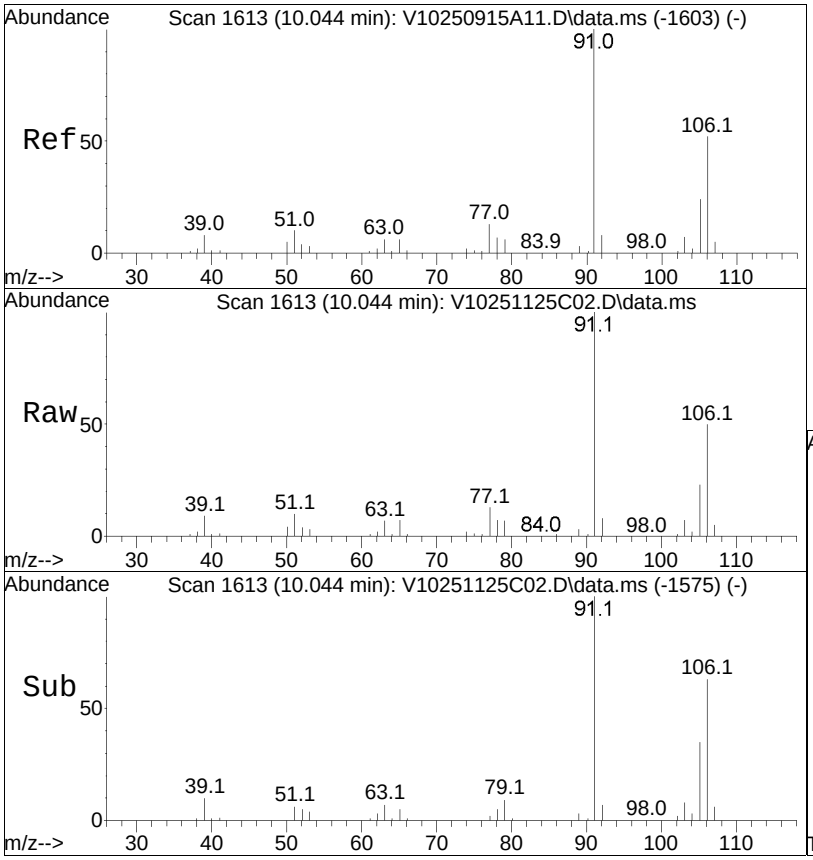


#75
1,1,1,2-Tetrachloroethane
Concen: 46.44 ug/L
RT: 9.908 min Scan# 1587
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:131 Resp: 128714

Ion	Ratio	Lower	Upper
131	100		
133	95.4	74.6	114.6
119	58.8	47.7	87.7

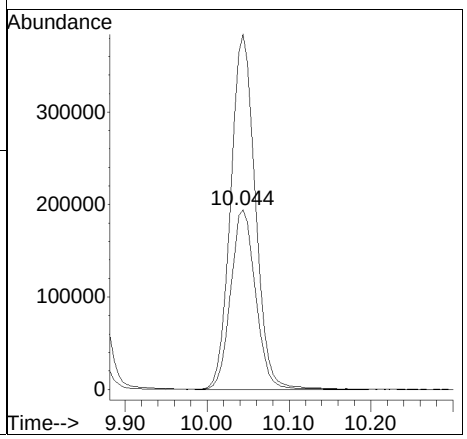


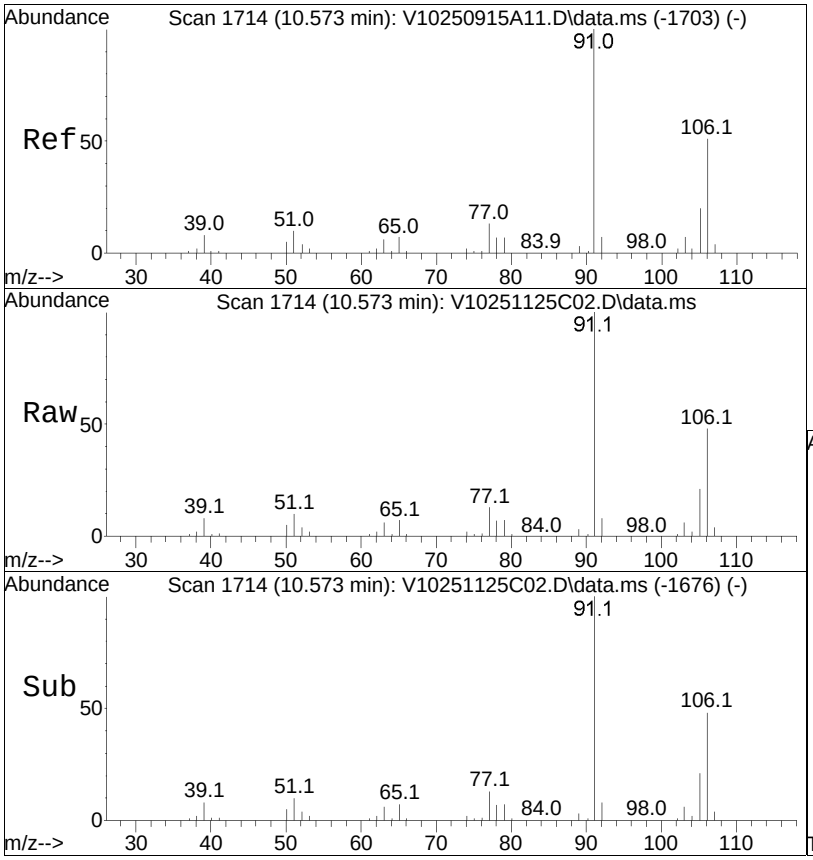


#76
p/m Xylene
Concen: 79.73 ug/L
RT: 10.044 min Scan# 1613
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:106 Resp: 409279

Ion	Ratio	Lower	Upper
106	100		
91	195.1	158.2	237.2

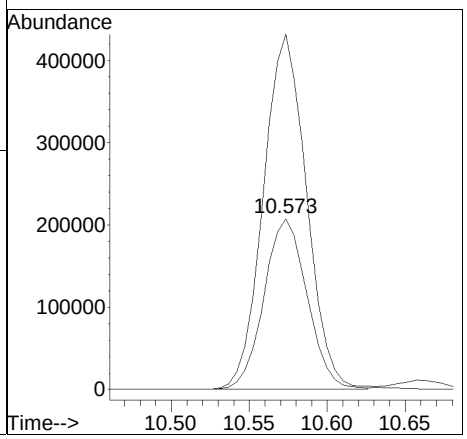


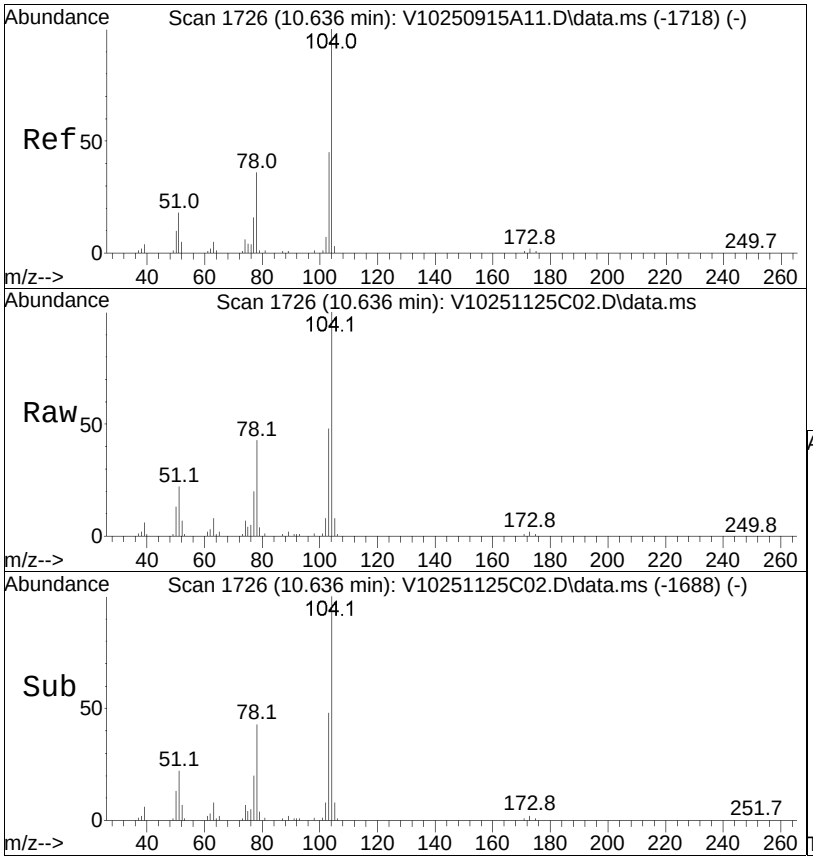


#77
o Xylene
Concen: 78.01 ug/L
RT: 10.573 min Scan# 1714
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:106 Resp: 398174

Ion	Ratio	Lower	Upper
106	100		
91	208.5	167.9	251.9

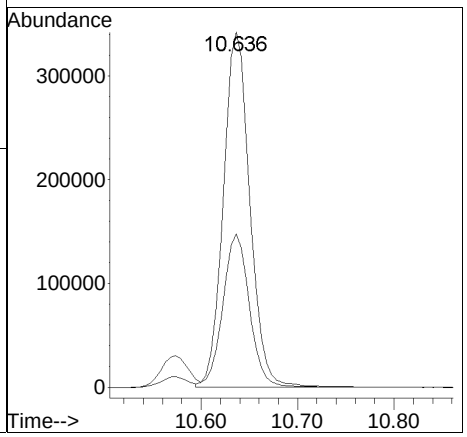


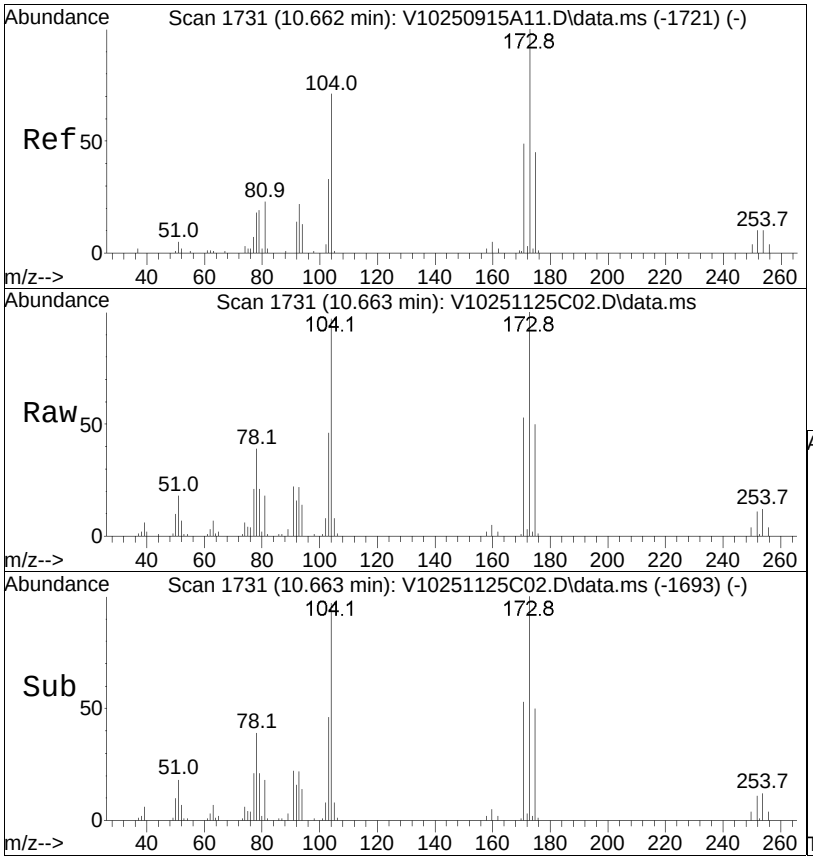


#78
Styrene
Concen: 75.97 ug/L
RT: 10.636 min Scan# 1726
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:104 Resp: 653722

Ion	Ratio	Lower	Upper
104	100		
78	43.1	33.9	50.9

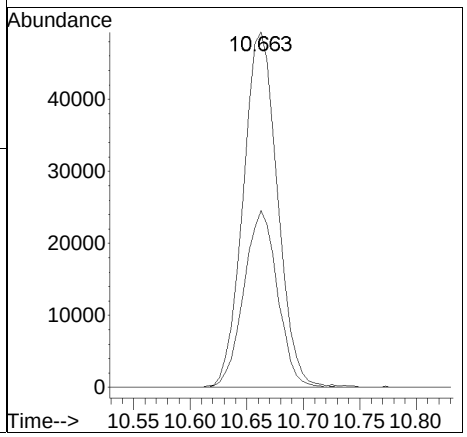


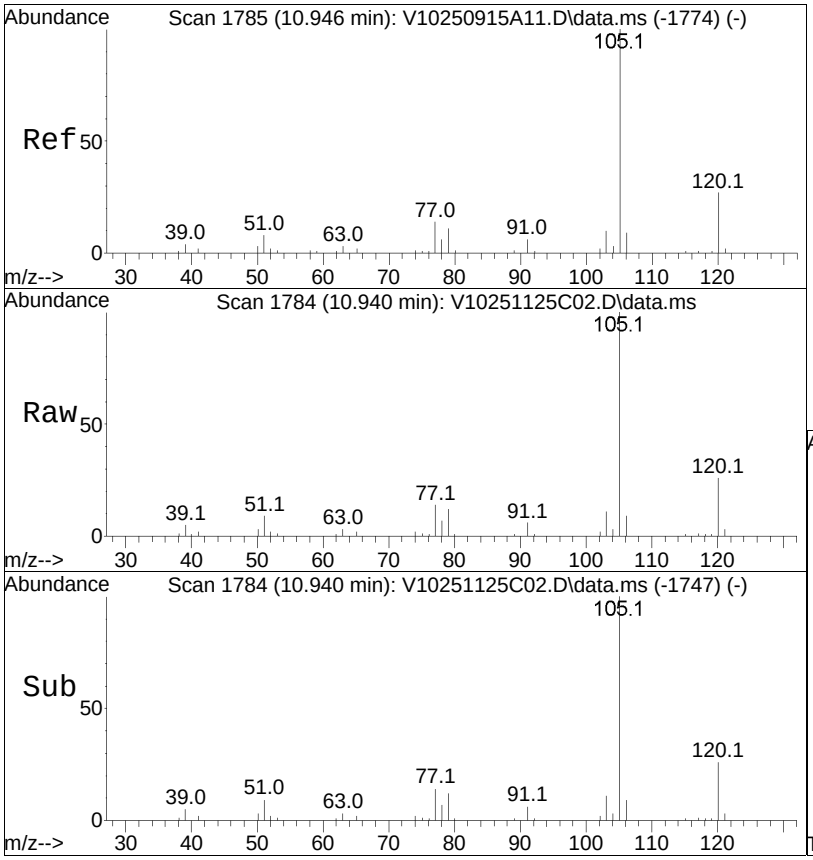


#80
Bromoform
Concen: 48.48 ug/L
RT: 10.663 min Scan# 1731
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:173 Resp: 104482

Ion	Ratio	Lower	Upper
173	100		
175	48.8	29.4	69.4

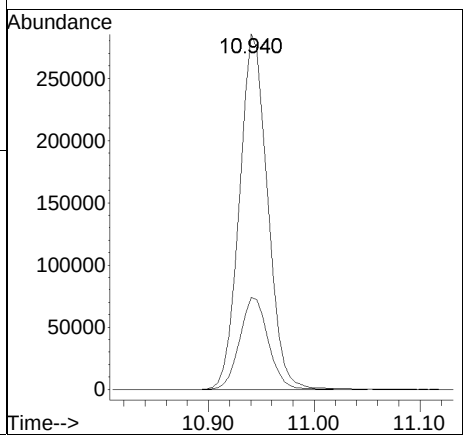


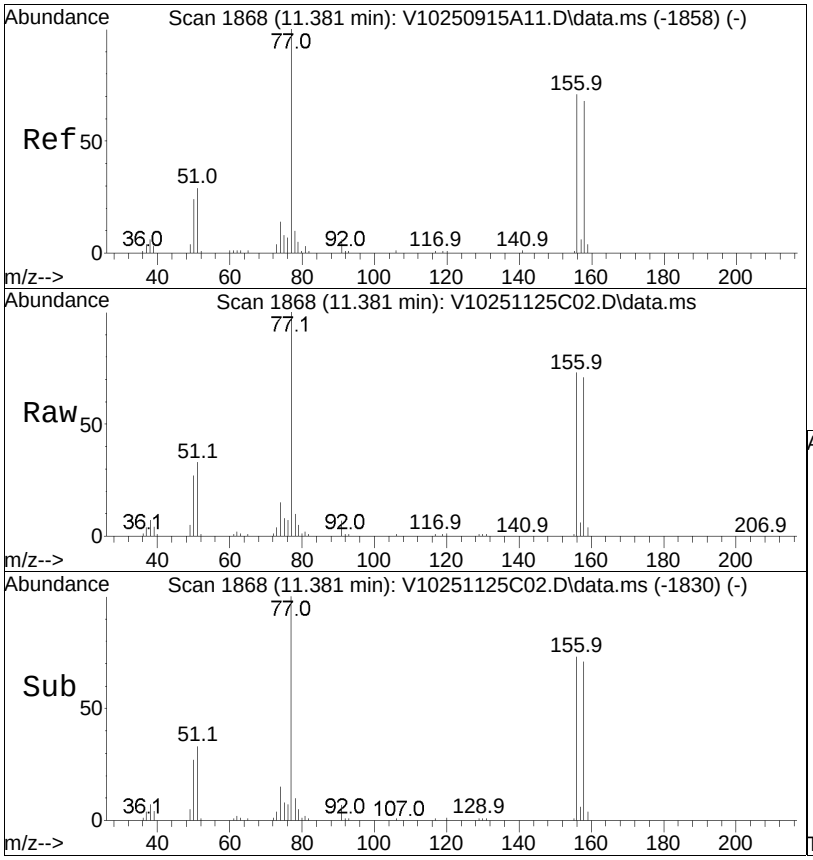


#82
Isopropylbenzene
Concen: 38.83 ug/L
RT: 10.940 min Scan# 1784
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:105 Resp: 526182

Ion	Ratio	Lower	Upper
105	100		
120	26.3	6.7	46.7

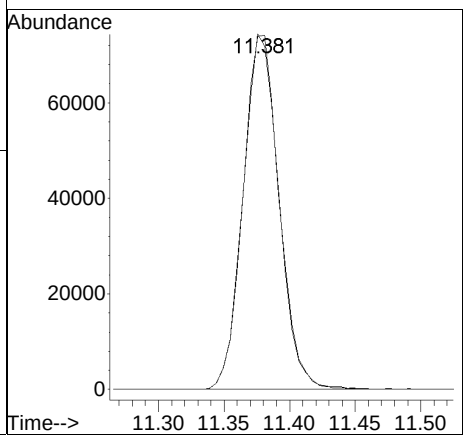


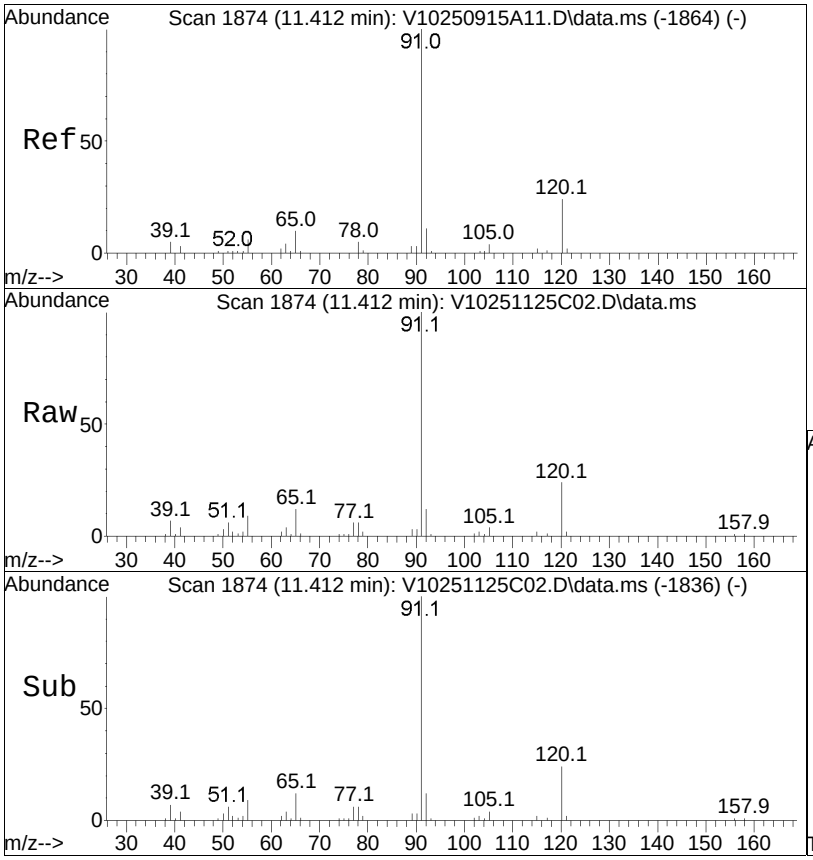


#84
Bromobenzene
Concen: 38.99 ug/L
RT: 11.381 min Scan# 1868
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:156 Resp: 142621

Ion	Ratio	Lower	Upper
156	100		
158	98.4	76.2	114.4

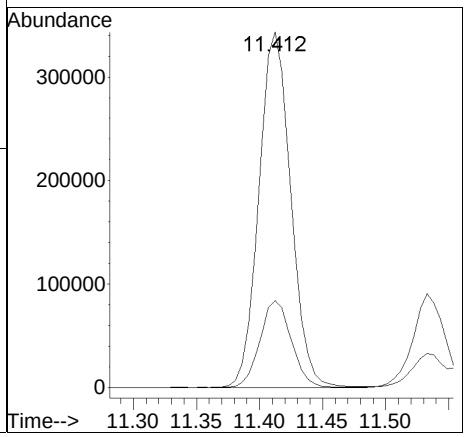


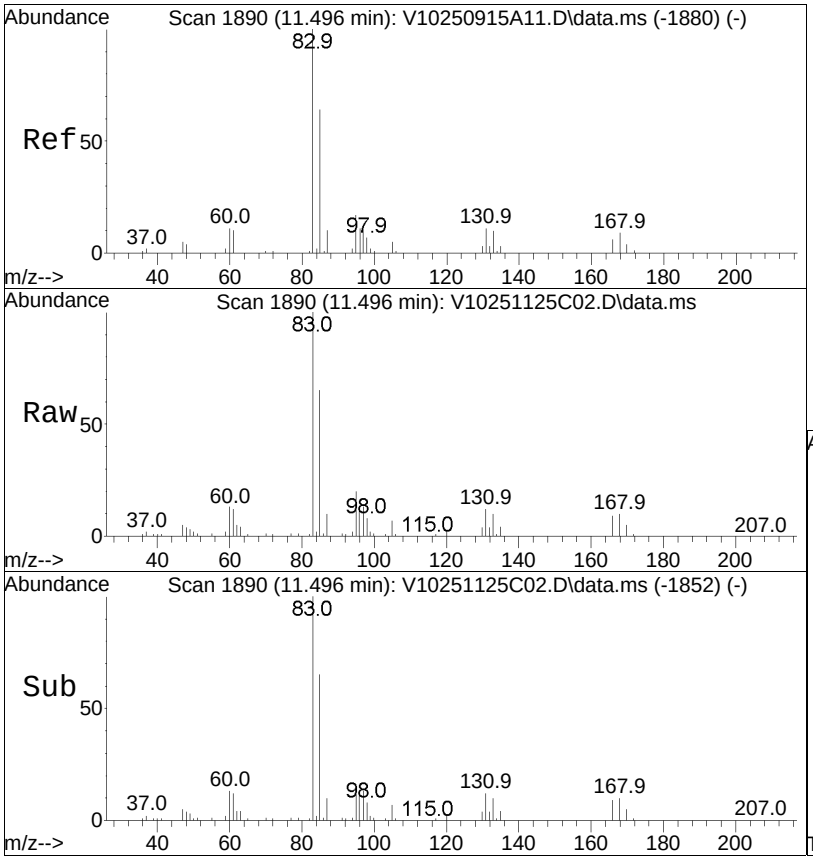


#85
n-Propylbenzene
Concen: 38.51 ug/L
RT: 11.412 min Scan# 1874
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 91 Resp: 602905

Ion	Ratio	Lower	Upper
91	100		
120	24.1	18.7	28.1

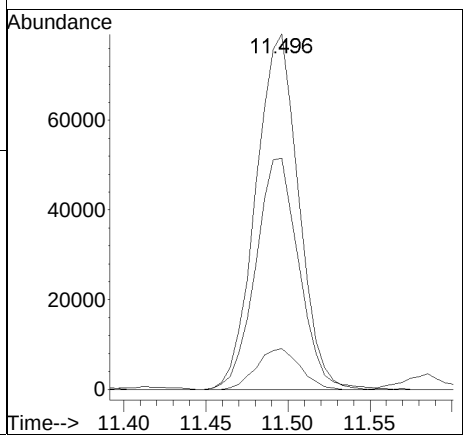


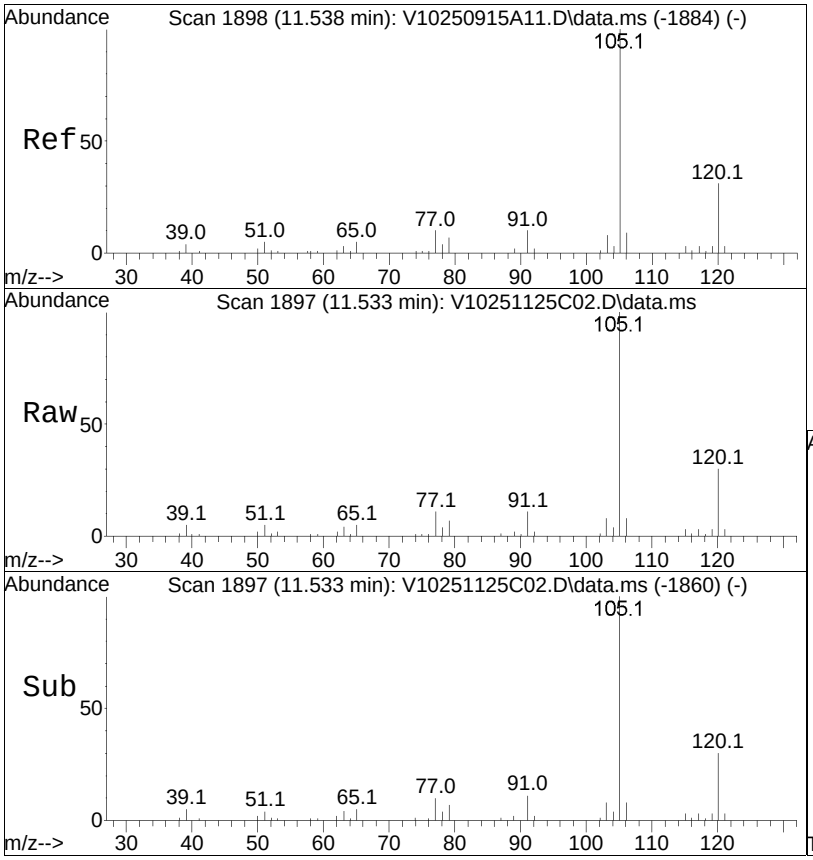


#87
1,1,2,2-Tetrachloroethane
Concen: 38.90 ug/L
RT: 11.496 min Scan# 1890
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 83 Resp: 143764

Ion	Ratio	Lower	Upper
83	100		
131	11.7	0.0	29.3
85	66.0	42.1	82.1

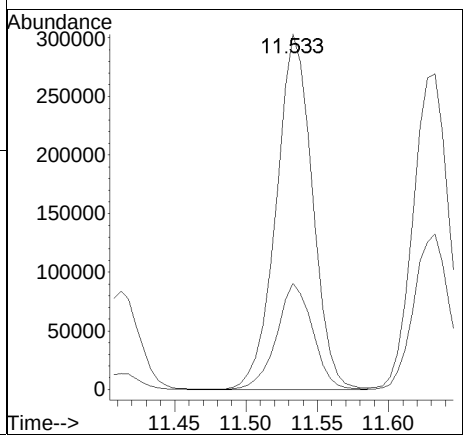


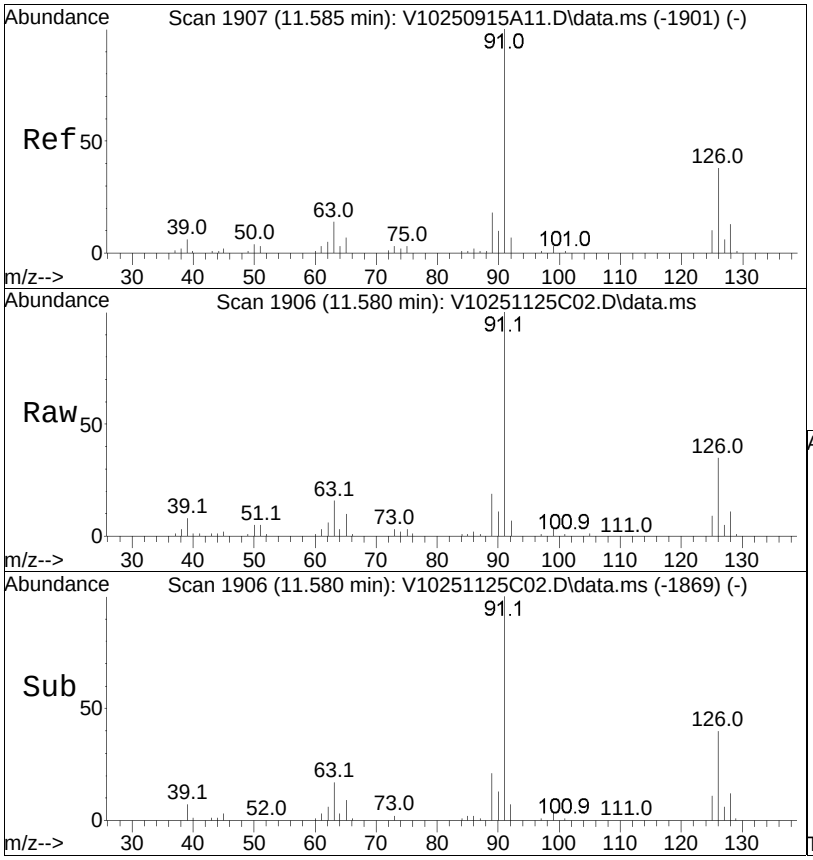


#88
4-Ethyltoluene
Concen: 38.76 ug/L
RT: 11.533 min Scan# 1897
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:105 Resp: 536000

Ion	Ratio	Lower	Upper
105	100		
120	29.6	19.8	41.2

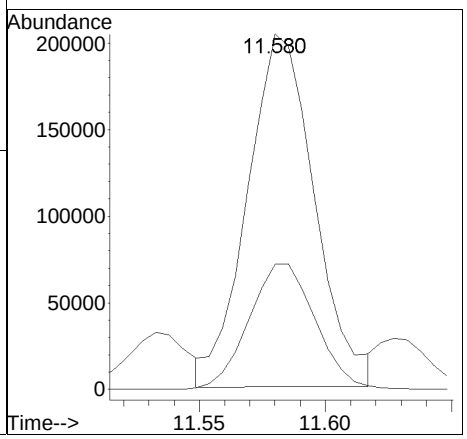


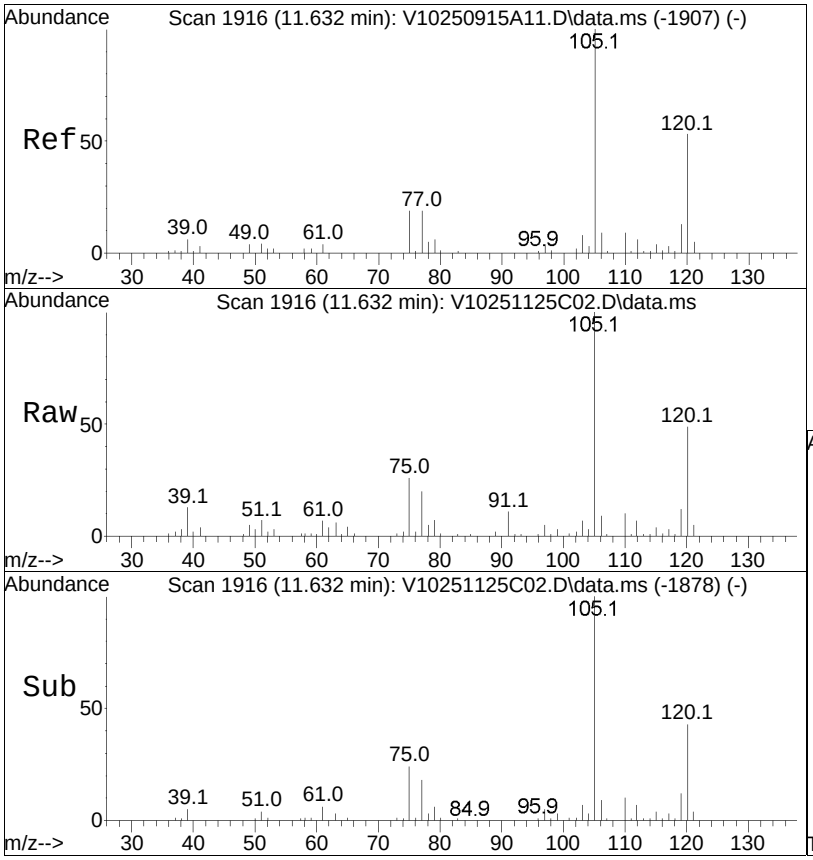


#89
2-Chlorotoluene
Concen: 39.32 ug/L
RT: 11.580 min Scan# 1906
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 91 Resp: 376784

Ion	Ratio	Lower	Upper
91	100		
126	35.3	25.9	38.9

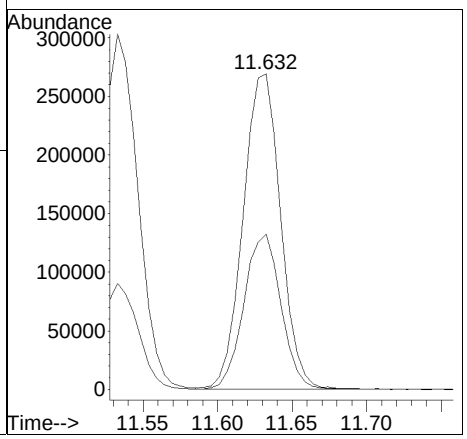


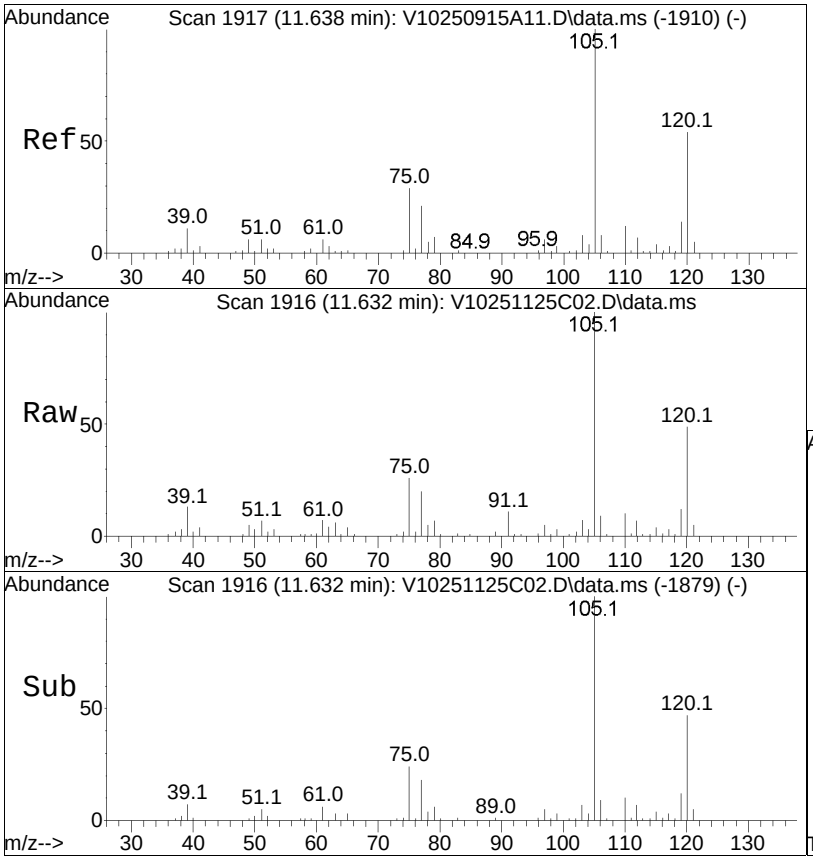


#90
1,3,5-Trimethylbenzene
Concen: 39.91 ug/L
RT: 11.632 min Scan# 1916
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:105 Resp: 471006

Ion	Ratio	Lower	Upper
105	100		
120	48.8	41.0	61.4

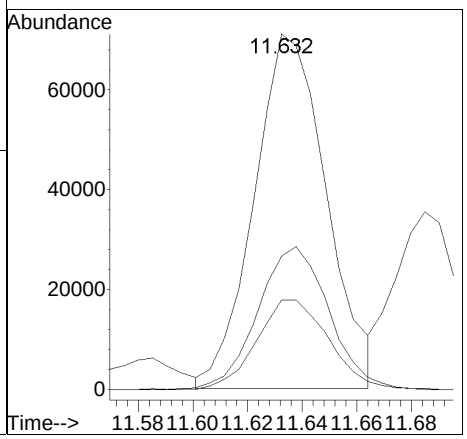


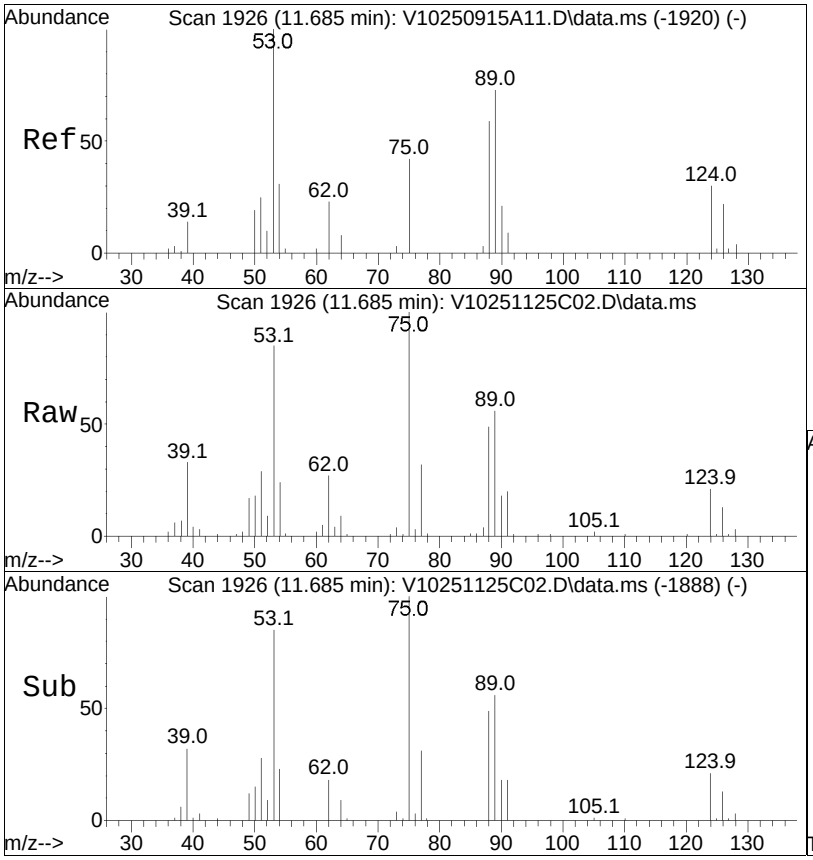


#91
1,2,3-Trichloropropane
Concen: 43.87 ug/L
RT: 11.632 min Scan# 1916
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 75 Resp: 130671

Ion	Ratio	Lower	Upper
75	100		
110	39.5	24.3	50.5
112	25.2	16.0	33.2

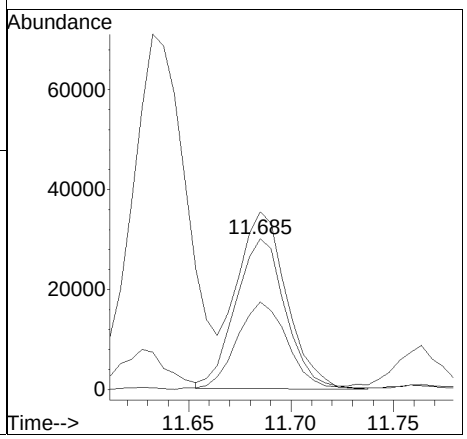


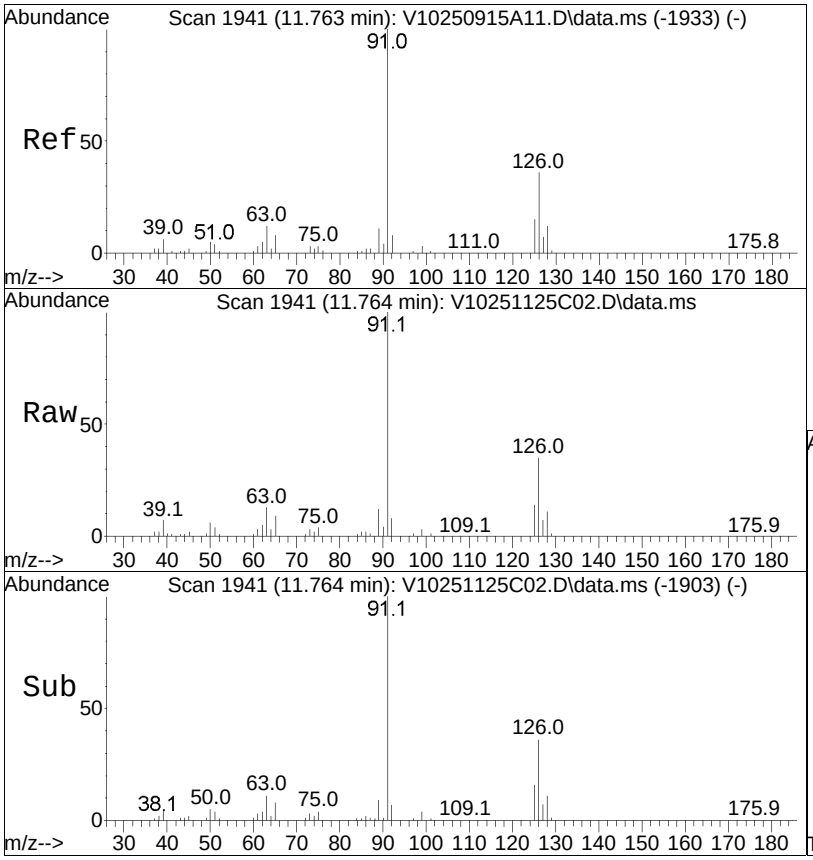


#92
trans-1,4-Dichloro-2-butene
Concen: 47.48 ug/L
RT: 11.685 min Scan# 1926
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 53 Resp: 50970

Ion	Ratio	Lower	Upper
53	100		
88	59.3	39.1	58.7#
75	115.0	101.6	152.4

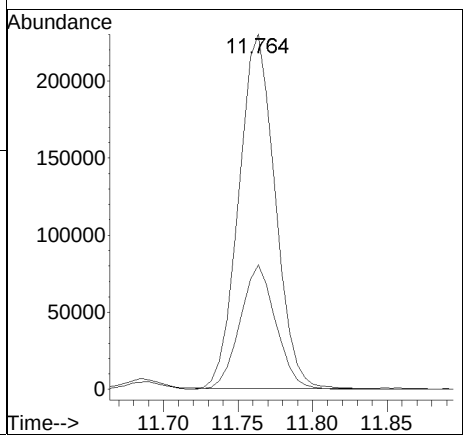


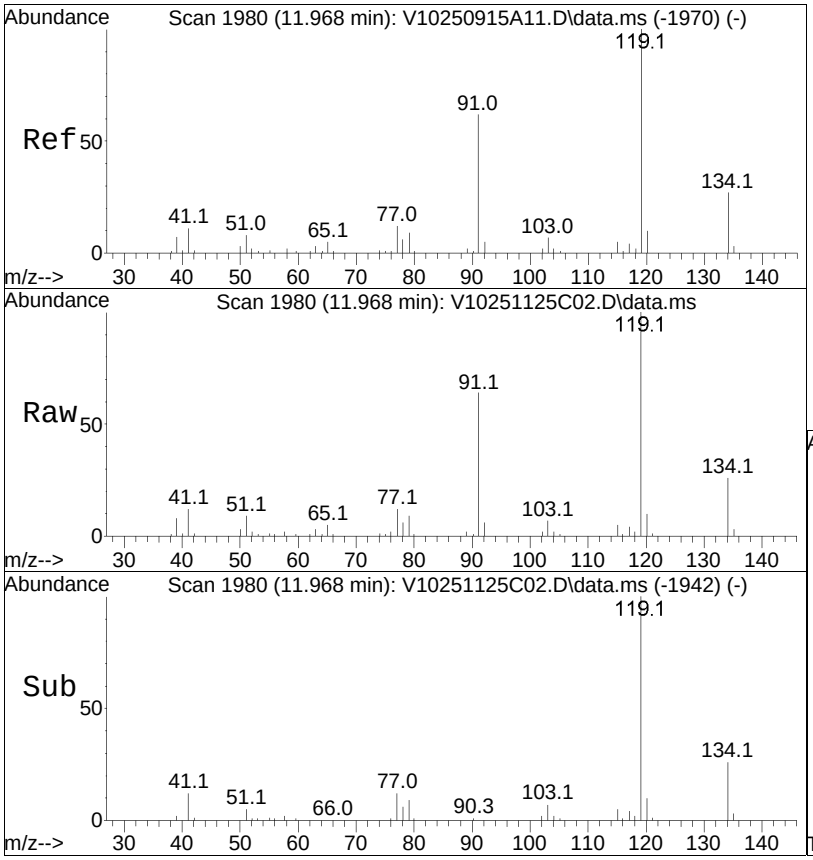


#93
4-Chlorotoluene
Concen: 38.58 ug/L
RT: 11.764 min Scan# 1941
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 91 Resp: 389484

Ion	Ratio	Lower	Upper
91	100		
126	34.8	26.4	39.6

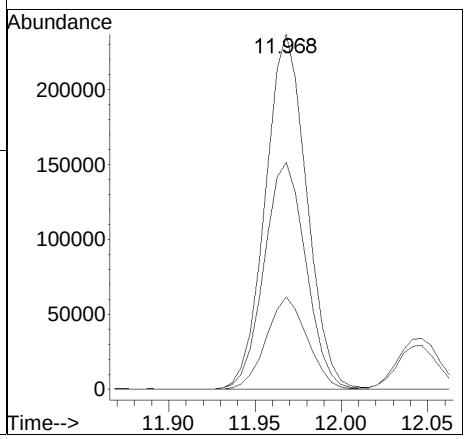


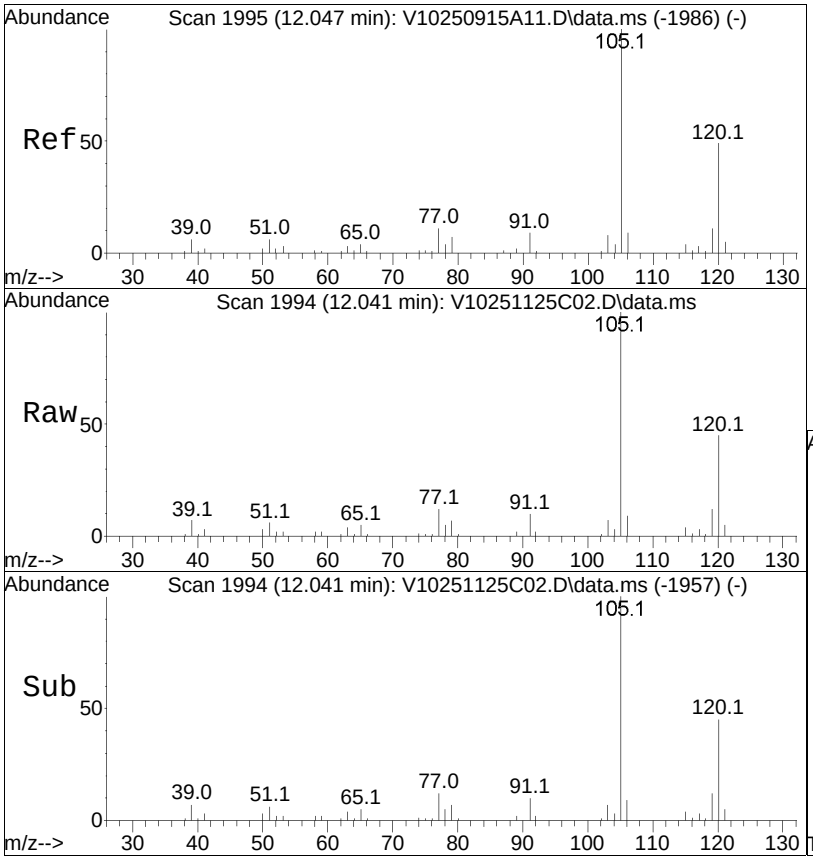


#94
tert-Butylbenzene
Concen: 38.73 ug/L
RT: 11.968 min Scan# 1980
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:119 Resp: 394802

Ion	Ratio	Lower	Upper
119	100		
91	64.6	49.0	73.4
134	25.9	20.0	30.0

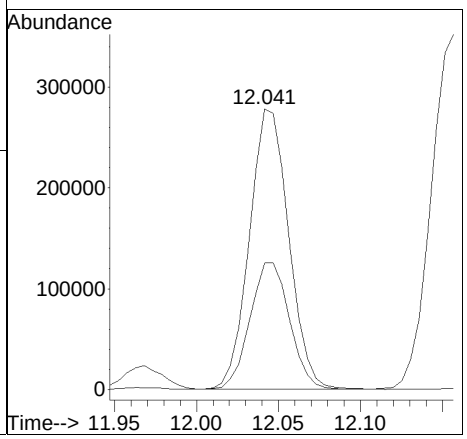


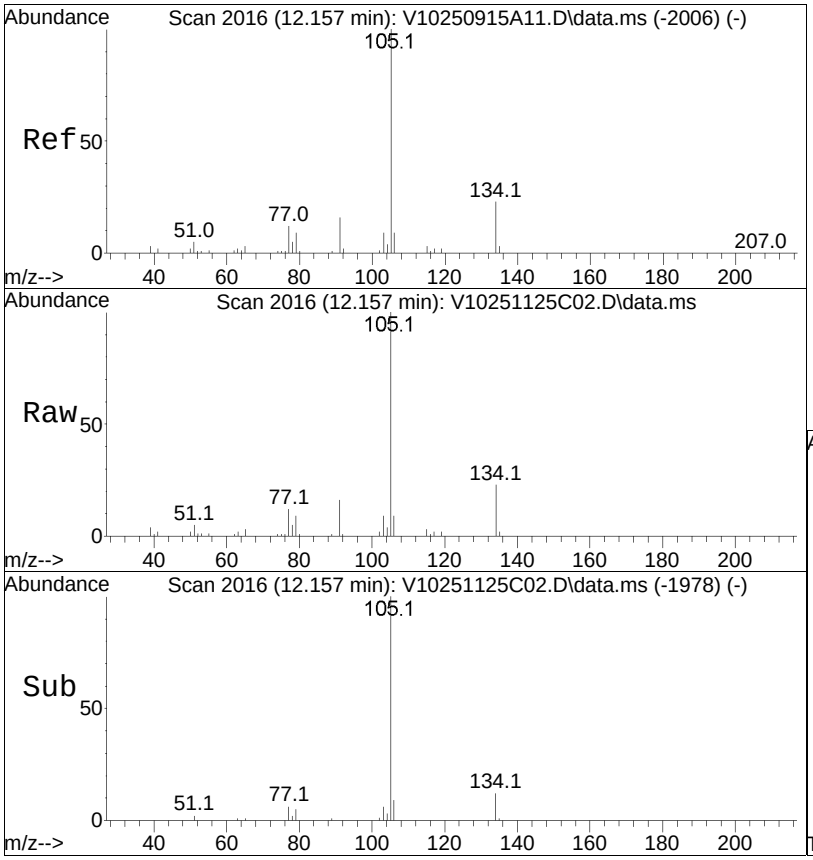


#97
1,2,4-Trimethylbenzene
Concen: 39.80 ug/L
RT: 12.041 min Scan# 1994
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:105 Resp: 463368

Ion	Ratio	Lower	Upper
105	100		
120	45.8	37.8	56.6

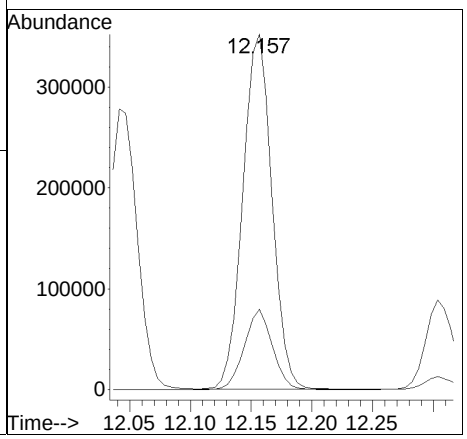


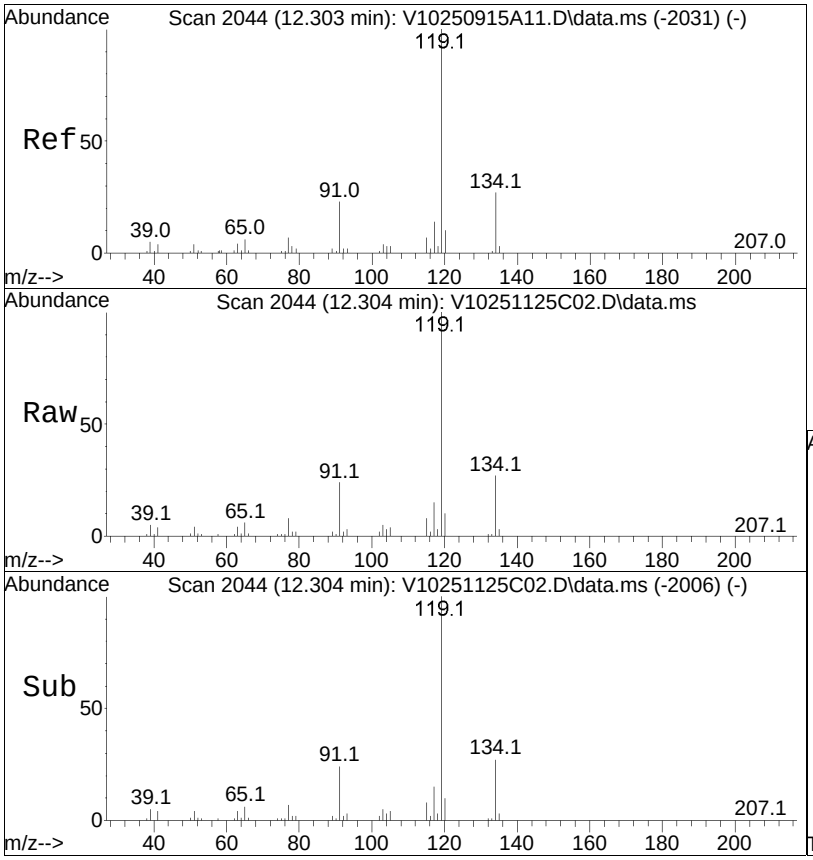


#98
sec-Butylbenzene
Concen: 39.89 ug/L
RT: 12.157 min Scan# 2016
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:105 Resp: 588150

Ion	Ratio	Lower	Upper
105	100		
134	21.5	13.0	27.0

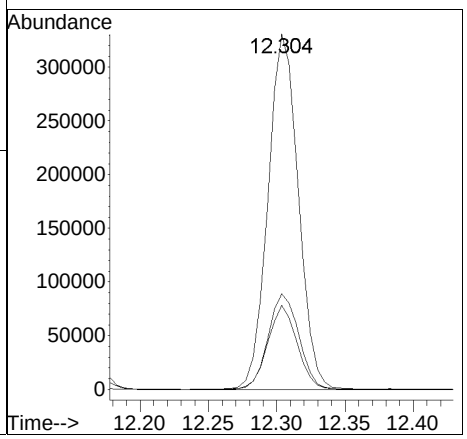


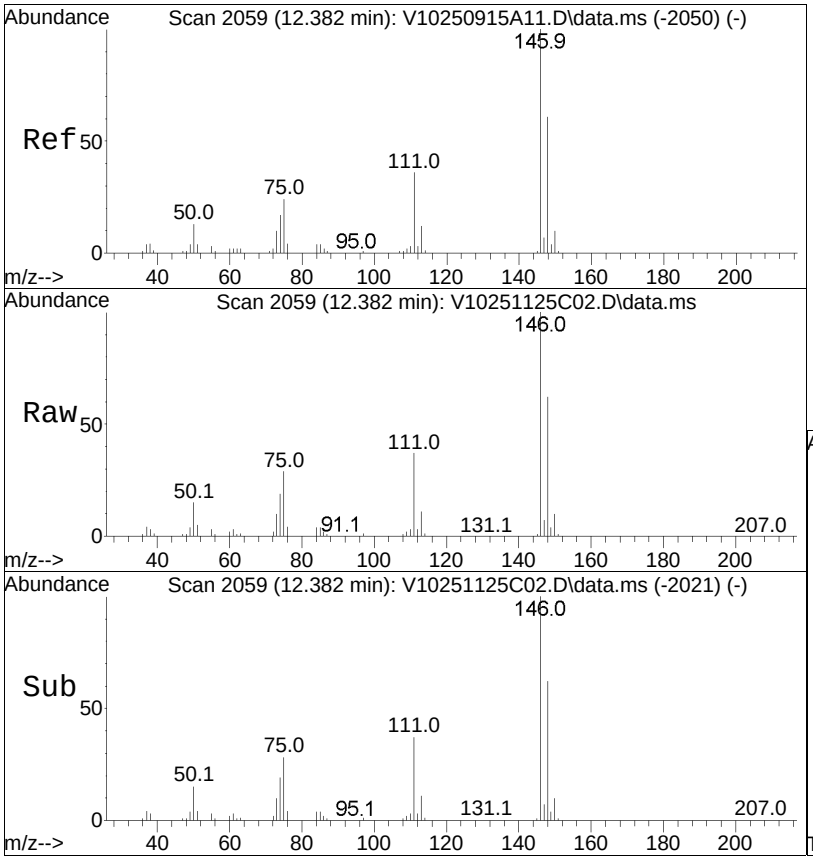


#99
p-Isopropyltoluene
Concen: 38.64 ug/L
RT: 12.304 min Scan# 2044
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:119 Resp: 511539

Ion	Ratio	Lower	Upper
119	100		
134	27.2	16.7	34.7
91	23.1	15.1	31.3

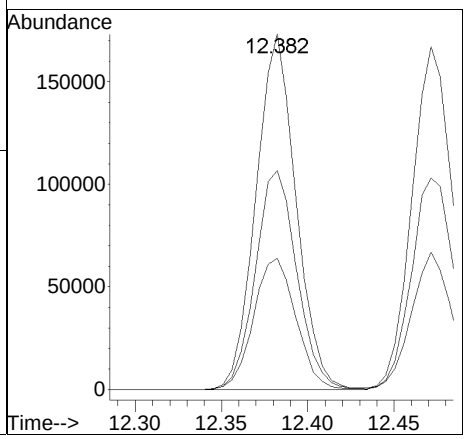


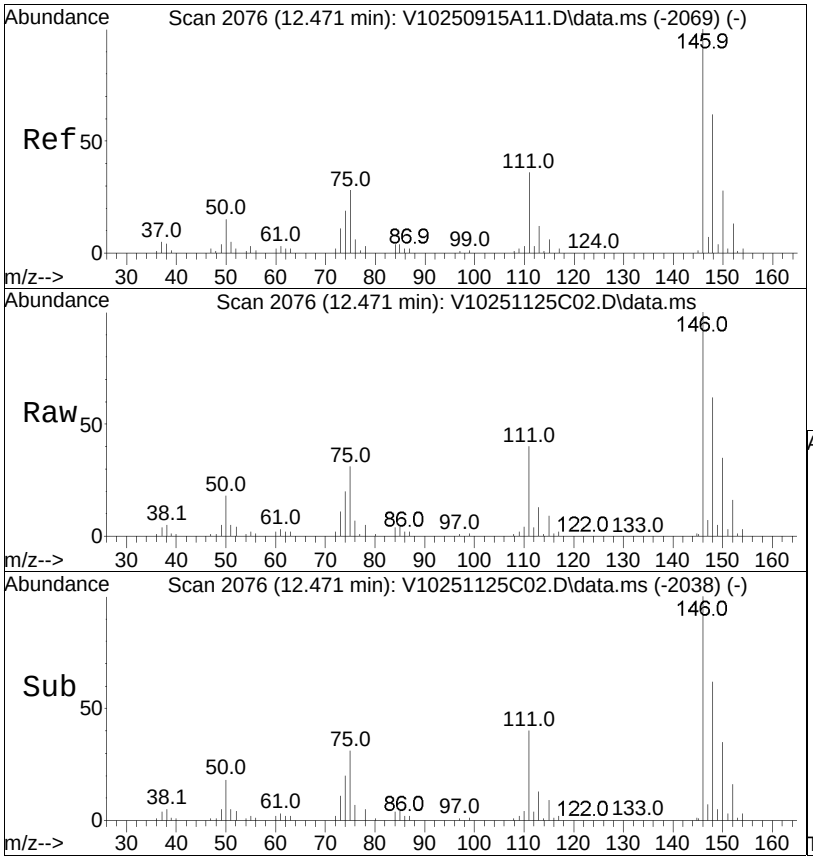


#100
1,3-Dichlorobenzene
Concen: 39.51 ug/L
RT: 12.382 min Scan# 2059
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:146 Resp: 279171

Ion	Ratio	Lower	Upper
146	100		
111	39.0	26.5	55.1
148	63.7	41.5	86.1

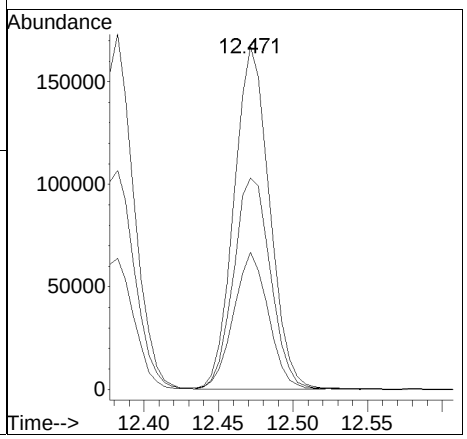


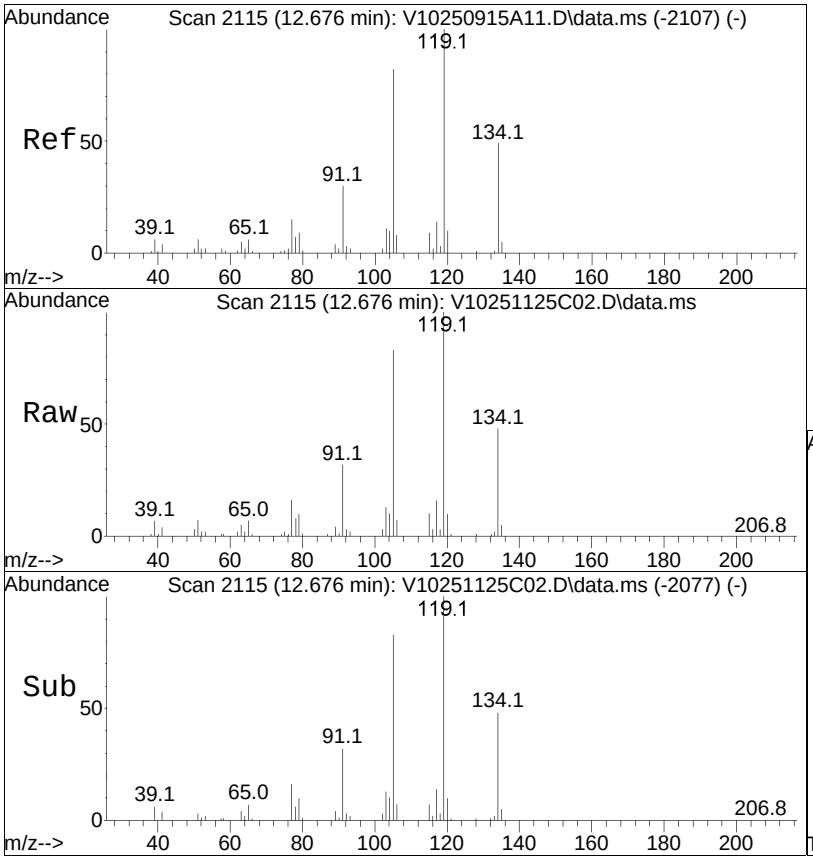


#101
1,4-Dichlorobenzene
Concen: 37.80 ug/L
RT: 12.471 min Scan# 2076
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:146 Resp: 276901

Ion	Ratio	Lower	Upper
146	100		
111	39.5	30.8	46.2
148	64.9	50.6	76.0

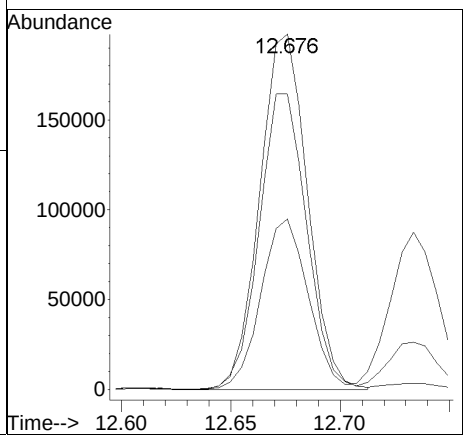


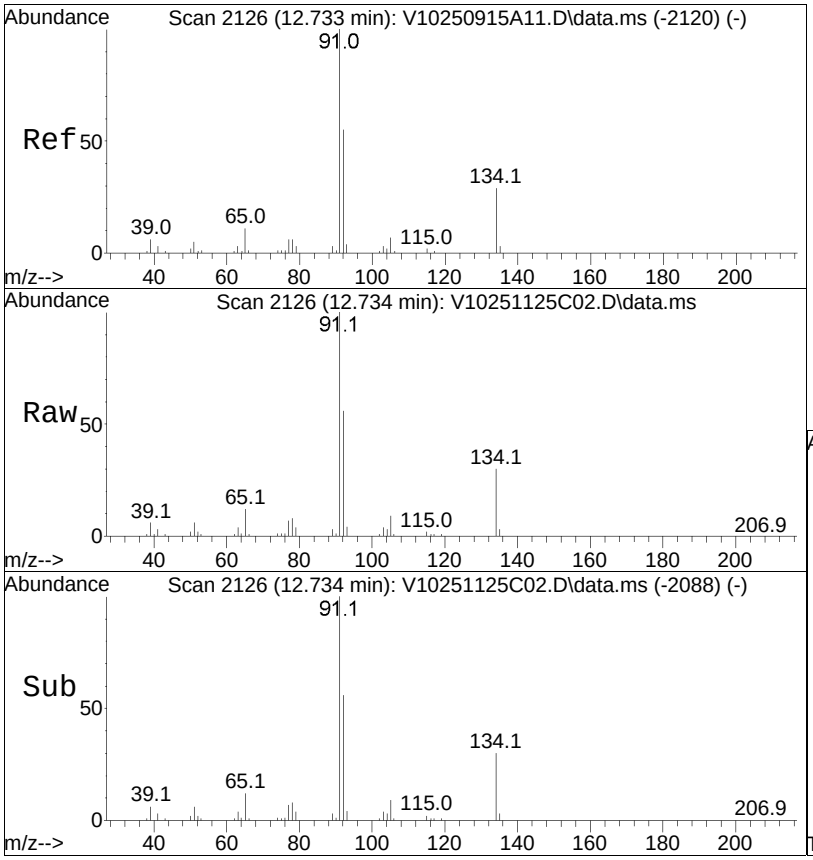


#102
p-Diethylbenzene
Concen: 37.56 ug/L
RT: 12.676 min Scan# 2115
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:119 Resp: 300505

Ion	Ratio	Lower	Upper
119	100		
105	82.8	55.5	115.3
134	47.5	30.4	63.0

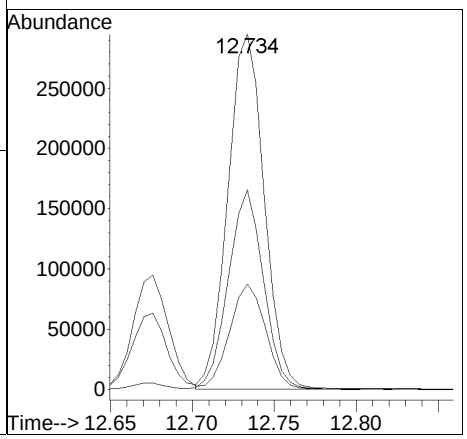


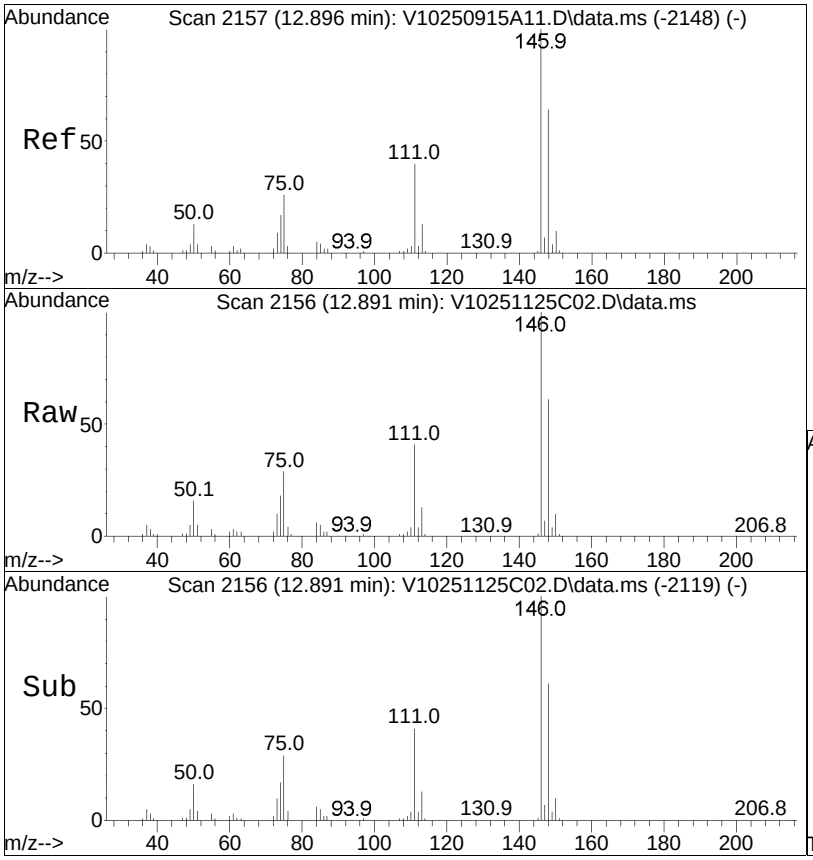


#103
n-Butylbenzene
Concen: 40.59 ug/L
RT: 12.734 min Scan# 2126
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 91 Resp: 453300

Ion	Ratio	Lower	Upper
91	100		
92	54.5	43.1	64.7
134	29.7	21.2	31.8

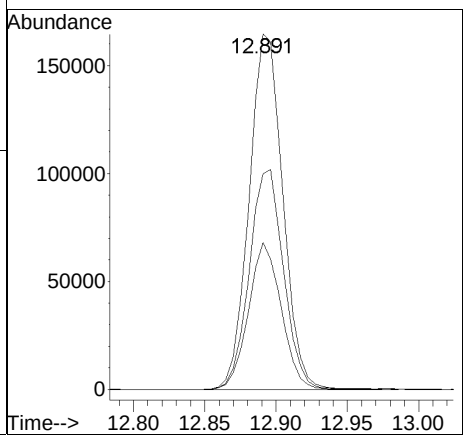


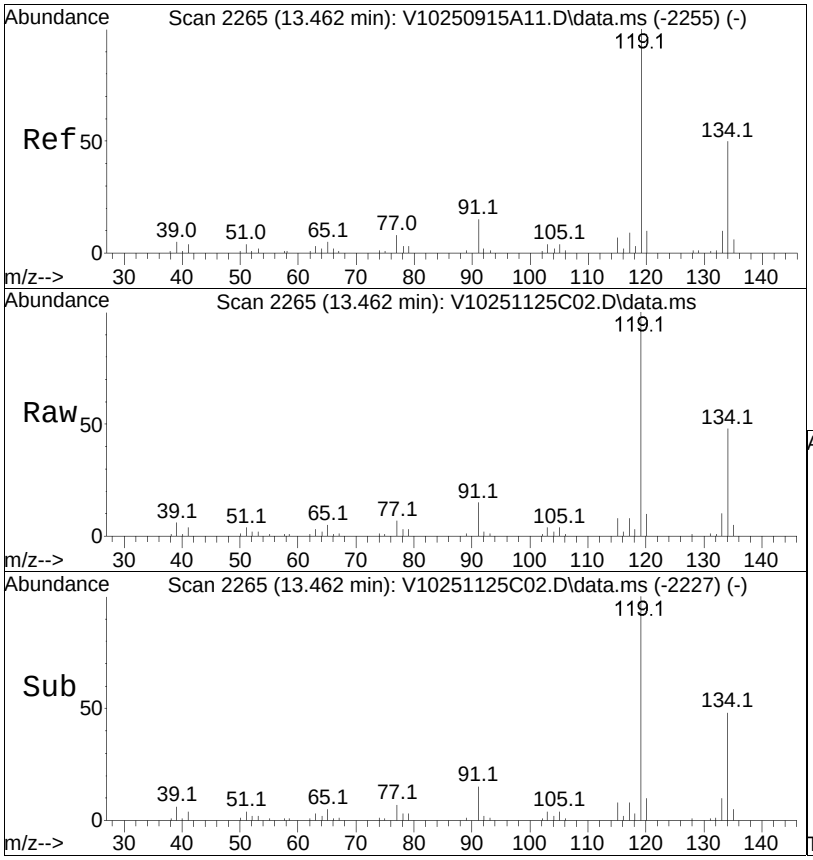


#104
1,2-Dichlorobenzene
Concen: 40.01 ug/L
RT: 12.891 min Scan# 2156
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:146 Resp: 270539

Ion	Ratio	Lower	Upper
146	100		
111	40.2	26.8	55.8
148	62.9	41.3	85.7

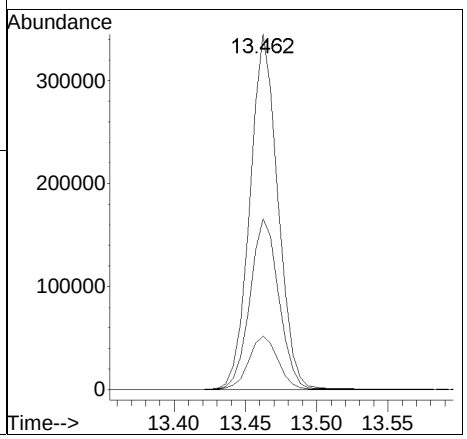


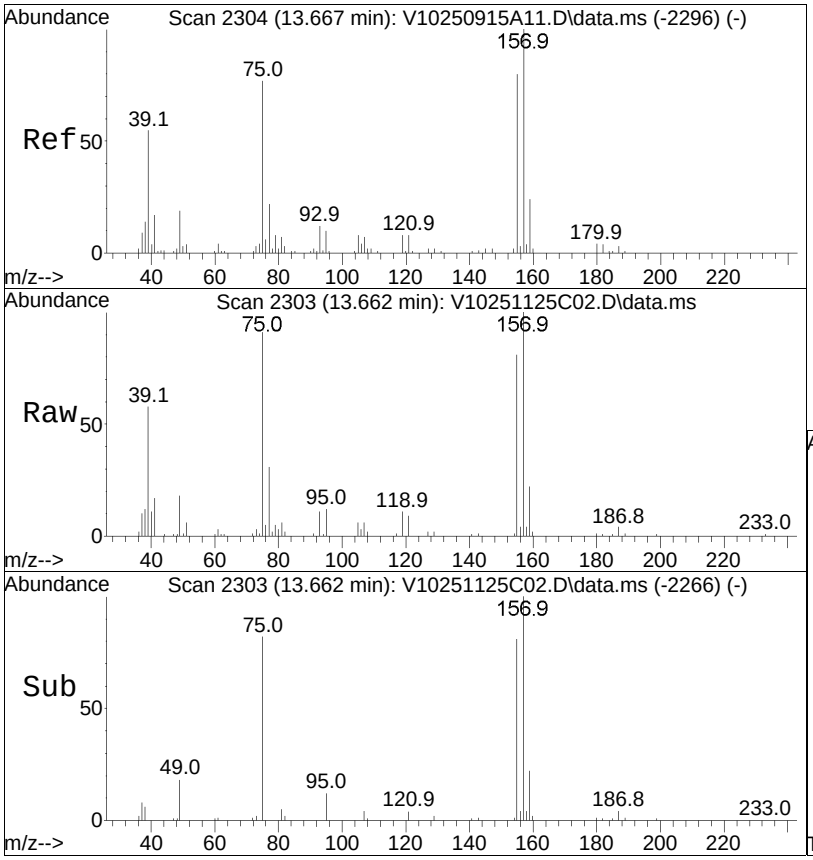


#105
1,2,4,5-Tetramethylbenzene
Concen: 36.92 ug/L
RT: 13.462 min Scan# 2265
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:119 Resp: 471030

Ion	Ratio	Lower	Upper
119	100		
134	49.6	30.0	62.2
91	15.7	10.3	21.3

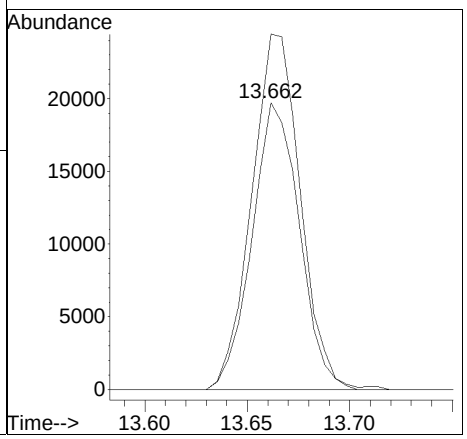


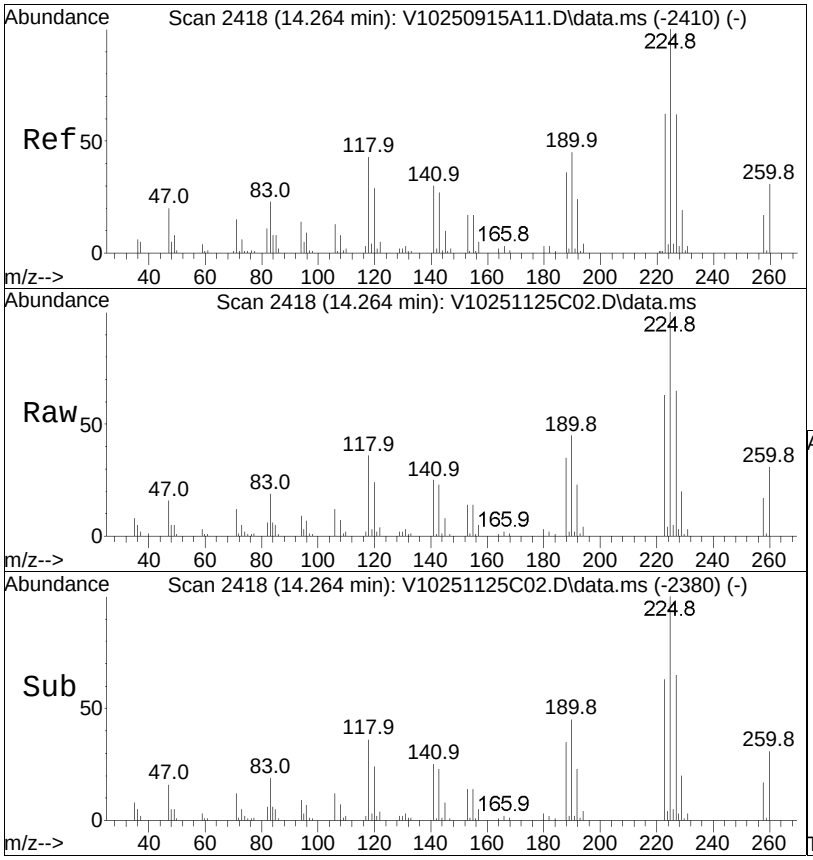


#106
1,2-Dibromo-3-chloropropane
Concen: 42.80 ug/L
RT: 13.662 min Scan# 2303
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:155 Resp: 31643

Ion	Ratio	Lower	Upper
155	100		
157	127.6	98.7	148.1

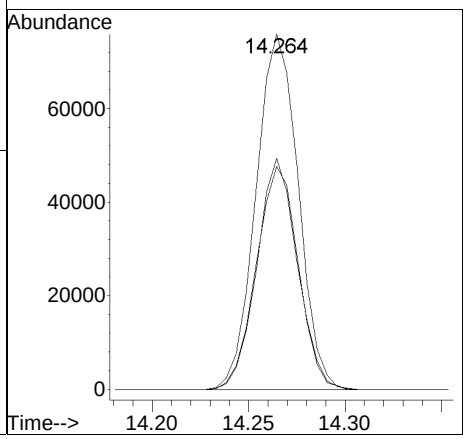


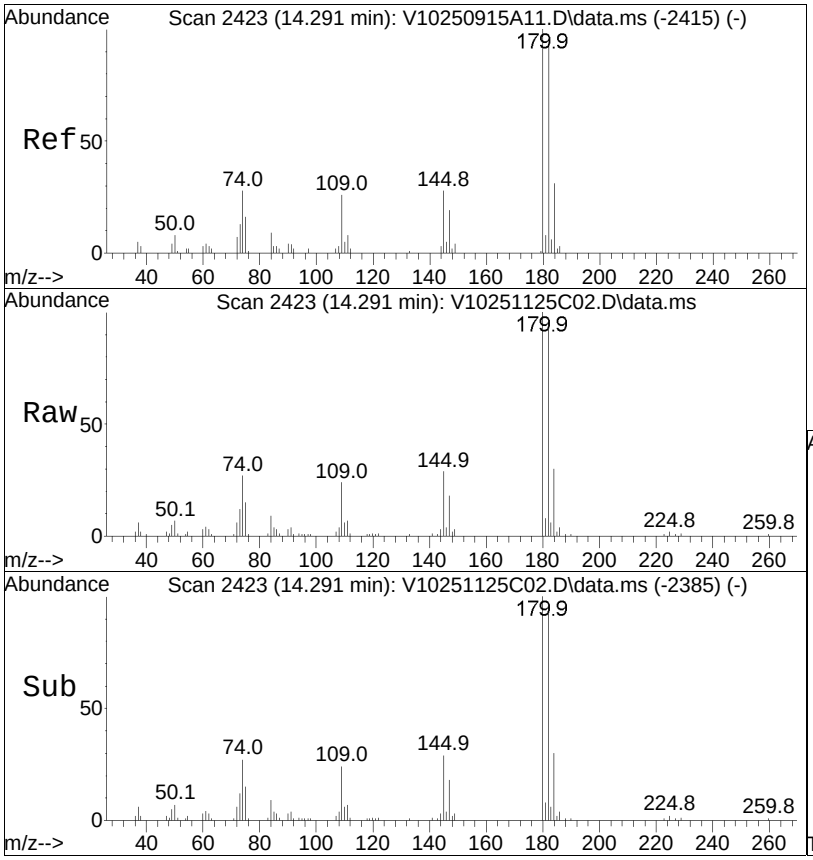


#108
Hexachlorobutadiene
Concen: 49.68 ug/L
RT: 14.264 min Scan# 2418
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:225 Resp: 115648

Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.1	76.7
227	62.3	51.9	77.9

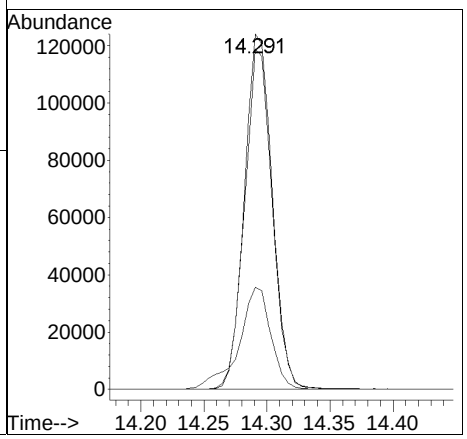


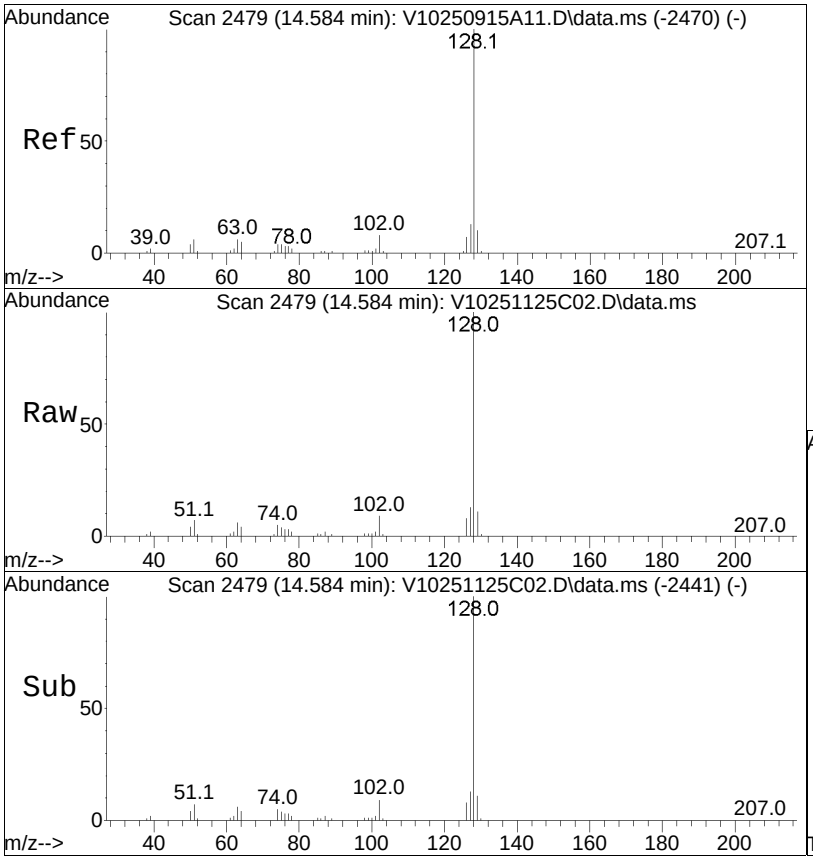


#109
1,2,4-Trichlorobenzene
Concen: 40.77 ug/L
RT: 14.291 min Scan# 2423
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:180 Resp: 191440

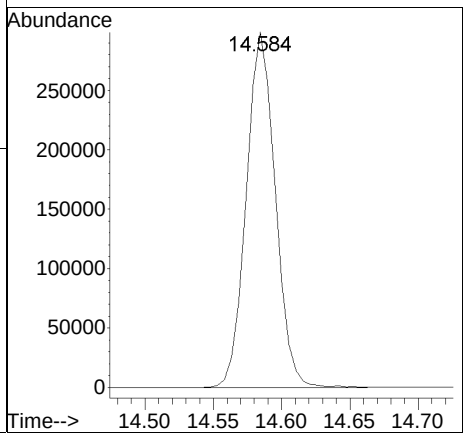
Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.1	115.7
145	32.9	26.6	39.8

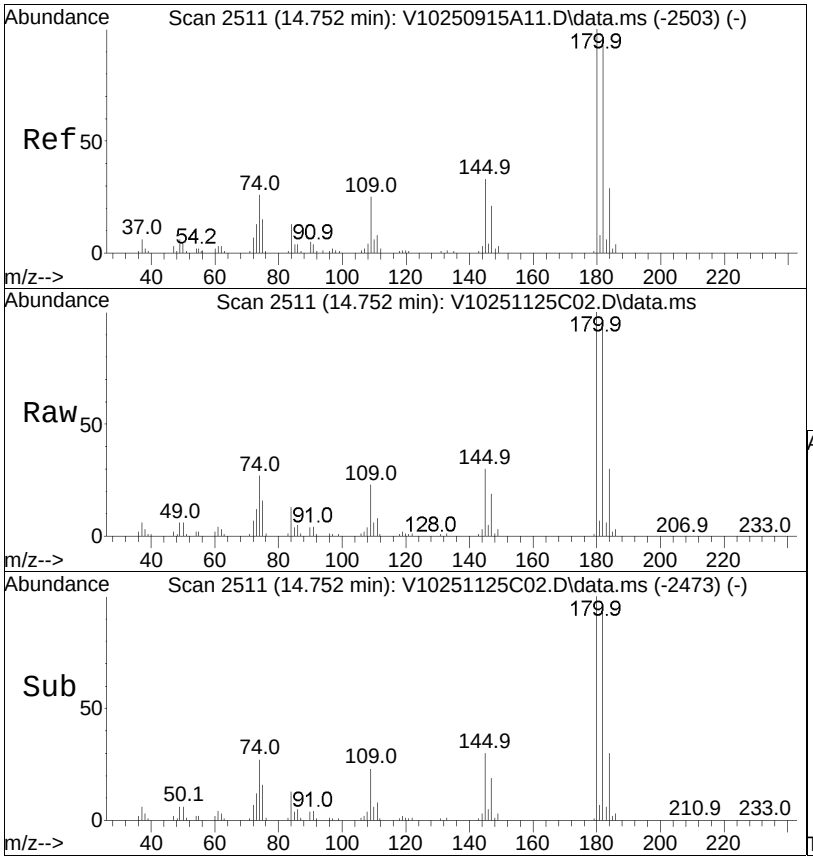




#110
Naphthalene
Concen: 34.82 ug/L
RT: 14.584 min Scan# 2479
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:128 Resp: 441956

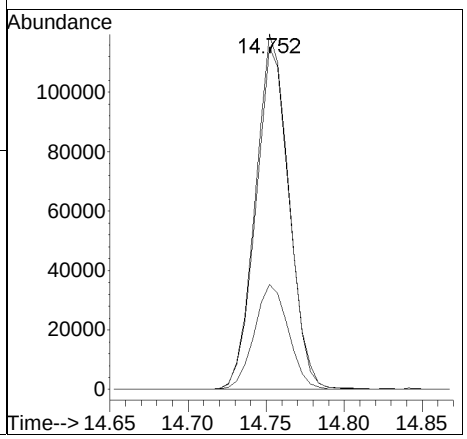




#111
1,2,3-Trichlorobenzene
Concen: 39.18 ug/L
RT: 14.752 min Scan# 2511
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:180 Resp: 178982

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.3	114.5
145	30.0	28.1	42.1



Manual Integration Report

Data Path	: K:\VOA110\2025\251125C\	QMethod	: V110_250915A_8260.m
Data File	: V10251125C02.D	Operator	: VOA110:AJK
Date Inj'd	: 11/25/2025 2:28 pm	Instrument	: VOA110
Sample	: WG2147003-4,31,5,5	Quant Date	: 11/25/2025 2:52 pm

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C02.D
Acq On : 25 Nov 2025 2:28 pm
Operator : VOA110:AJK
Sample : WG2147004-4,31h,15,15,0.1
Misc : WG2147004,ICAL22640
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 25 14:52:05 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.248	96	226186	20.000	ug/L	0.00
Standard Area 1 = 204110			Recovery = 110.82%			
59) Chlorobenzene-d5	9.803	117	177621	20.000	ug/L	0.00
Standard Area 1 = 167631			Recovery = 105.96%			
79) 1,4-Dichlorobenzene-d4	12.456	152	108350	20.000	ug/L	0.00
Standard Area 1 = 107503			Recovery = 100.79%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.425	113	59368	19.520	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.60%			
43) 1,2-Dichloroethane-d4	5.960	65	73468	23.650	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 118.25%			
60) Toluene-d8	7.947	98	213522	19.486	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.43%			
83) 4-Bromofluorobenzene	11.265	95	84834	18.672	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.755	85	106723	40.435	ug/L	99
3) Chloromethane	1.954	50	101942	33.525	ug/L	98
4) Vinyl chloride	2.038	62	89188	25.654	ug/L	100
5) Bromomethane	2.363	94	60847	19.020	ug/L	92
6) Chloroethane	2.489	64	60263	23.257	ug/L	98
7) Trichlorofluoromethane	2.635	101	149911	31.255	ug/L	98
8) Ethyl ether	2.940	74	59661	26.653	ug/L	88
10) 1,1-Dichloroethene	3.139	96	74392	25.360	ug/L	99
11) Carbon disulfide	3.170	76	256408	23.655	ug/L	99
15) Methylene chloride	3.700	84	94388	30.245	ug/L	87
17) Acetone	3.752	43	54397	47.197	ug/L #	39
18) trans-1,2-Dichloroethene	3.862	96	97657	35.081	ug/L	91
20) Methyl tert-butyl ether	3.962	73	367800	42.800	ug/L	94
23) 1,1-Dichloroethane	4.455	63	185282	37.359	ug/L	99
25) Acrylonitrile	4.502	53	38158	39.683	ug/L #	88
27) Vinyl acetate	4.691	43	250277	46.044	ug/L	99
28) cis-1,2-Dichloroethene	4.984	96	110417	35.957	ug/L	98
29) 2,2-Dichloropropane	5.084	77	167360	40.031	ug/L	92
30) Bromochloromethane	5.178	128	56543	38.161	ug/L	87
32) Chloroform	5.246	83	201709	39.475	ug/L	96

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C02.D
Acq On : 25 Nov 2025 2:28 pm
Operator : VOA110:AJK
Sample : WG2147004-4,31h,15,15,0.1
Misc : WG2147004,ICAL22640
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 25 14:52:05 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	5.388	117	164619	45.314	ug/L		98
37) 1,1,1-Trichloroethane	5.456	97	176484	44.408	ug/L		97
39) 2-Butanone	5.551	43	51132	46.177	ug/L	#	16
40) 1,1-Dichloropropene	5.577	75	135311	40.470	ug/L		99
41) Benzene	5.828	78	398636	37.978	ug/L		98
44) 1,2-Dichloroethane	6.033	62	171706	48.741	ug/L		99
48) Trichloroethene	6.426	95	109052	39.118	ug/L		95
50) Dibromomethane	6.872	93	70086	39.720	ug/L	#	84
51) 1,2-Dichloropropane	6.977	63	101303	37.007	ug/L	#	93
54) Bromodichloromethane	7.040	83	164263	43.342	ug/L		99
57) 1,4-Dioxane	7.260	88	62817	1935.472	ug/L		97
58) cis-1,3-Dichloropropene	7.742	75	174574	40.524	ug/L		96
61) Toluene	8.010	92	261286	39.069	ug/L		100
62) 4-Methyl-2-pentanone	8.439	58	40675	40.779	ug/L		99
63) Tetrachloroethene	8.460	166	113836	43.202	ug/L		99
65) trans-1,3-Dichloropropene	8.487	75	176824	45.787	ug/L		91
68) 1,1,2-Trichloroethane	8.675	83	79273	40.829	ug/L		97
69) Chlorodibromomethane	8.885	129	124701	43.844	ug/L		97
70) 1,3-Dichloropropane	9.000	76	171606	42.185	ug/L		99
71) 1,2-Dibromoethane	9.173	107	99244	41.606	ug/L		99
72) 2-Hexanone	9.451	43	72926	37.324	ug/L		96
73) Chlorobenzene	9.824	112	308982	40.246	ug/L	#	88
74) Ethylbenzene	9.860	91	500593	39.070	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.908	131	128714	46.437	ug/L		95
76) p/m Xylene	10.044	106	409279	79.734	ug/L		98
77) o Xylene	10.573	106	398174	78.014	ug/L		99
78) Styrene	10.636	104	653722	75.971	ug/L		99
80) Bromoform	10.663	173	104482	48.485	ug/L		99
82) Isopropylbenzene	10.940	105	526182	38.831	ug/L		99
84) Bromobenzene	11.381	156	142621	38.991	ug/L		97
85) n-Propylbenzene	11.412	91	602905	38.513	ug/L		99
87) 1,1,2,2-Tetrachloroethane	11.496	83	143764	38.903	ug/L		95
88) 4-Ethyltoluene	11.533	105	536000	38.756	ug/L		98
89) 2-Chlorotoluene	11.580	91	376784	39.316	ug/L		95
90) 1,3,5-Trimethylbenzene	11.632	105	471006	39.910	ug/L		97
91) 1,2,3-Trichloropropane	11.632	75	130671	43.867	ug/L		97
92) trans-1,4-Dichloro-2-b...	11.685	53	50970	47.480	ug/L	#	88
93) 4-Chlorotoluene	11.764	91	389484	38.584	ug/L		97
94) tert-Butylbenzene	11.968	119	394802	38.729	ug/L		96

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C02.D
Acq On : 25 Nov 2025 2:28 pm
Operator : VOA110:AJK
Sample : WG2147004-4,31h,15,15,0.1
Misc : WG2147004,ICAL22640
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 25 14:52:05 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2025\251125C\V10251125C01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	12.041	105	463368	39.804	ug/L	98
98)	sec-Butylbenzene	12.157	105	588150	39.888	ug/L	97
99)	p-Isopropyltoluene	12.304	119	511539	38.638	ug/L	98
100)	1,3-Dichlorobenzene	12.382	146	279171	39.507	ug/L	99
101)	1,4-Dichlorobenzene	12.471	146	276901	37.798	ug/L	98
102)	p-Diethylbenzene	12.676	119	300505	37.556	ug/L	98
103)	n-Butylbenzene	12.734	91	453300	40.595	ug/L	97
104)	1,2-Dichlorobenzene	12.891	146	270539	40.008	ug/L	99
105)	1,2,4,5-Tetramethylben...	13.462	119	471030	36.919	ug/L	96
106)	1,2-Dibromo-3-chloropr...	13.662	155	31643	42.801	ug/L	96
108)	Hexachlorobutadiene	14.264	225	115648	49.681	ug/L	97
109)	1,2,4-Trichlorobenzene	14.291	180	191440	40.769	ug/L	99
110)	Naphthalene	14.584	128	441956	34.824	ug/L	100
111)	1,2,3-Trichlorobenzene	14.752	180	178982	39.183	ug/L	97

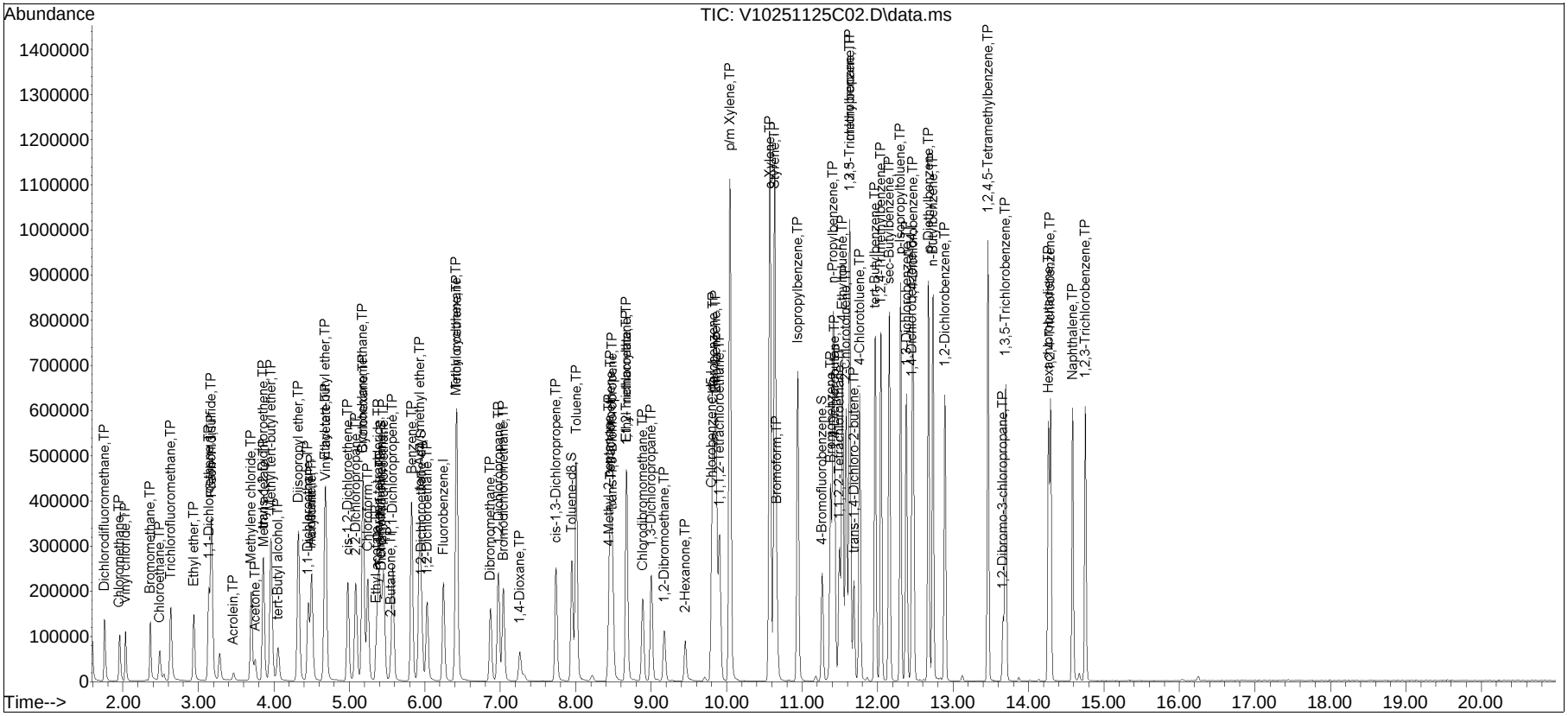
(#) = qualifier out of range (m) = manual integration (+) = signals summed

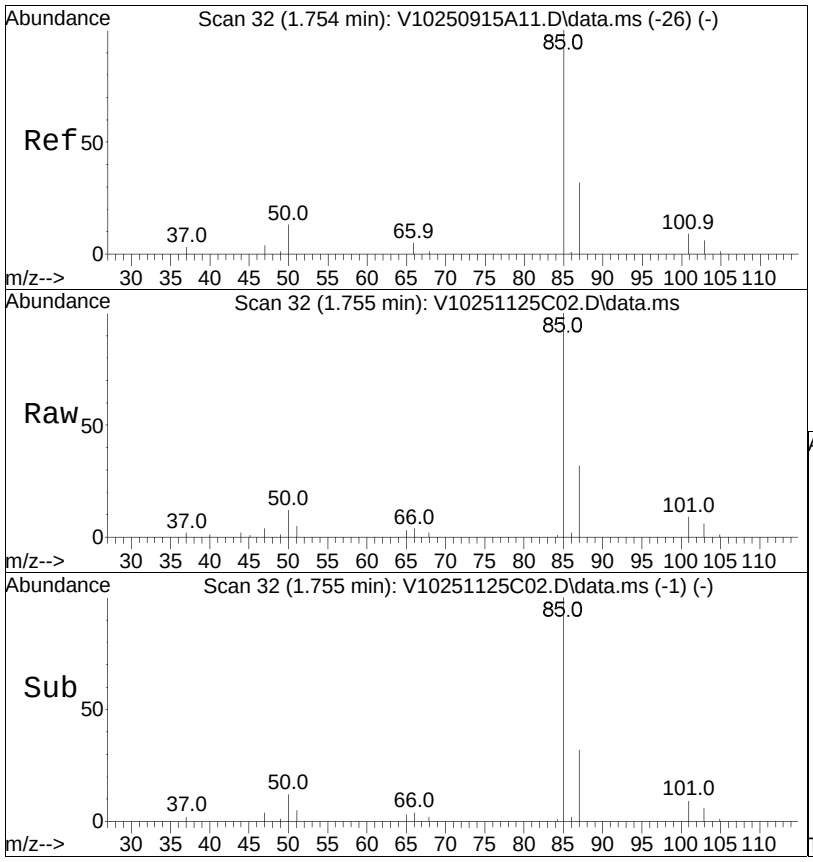
Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2025\251125C\
Data File : V10251125C02.D
Acq On : 25 Nov 2025 2:28 pm
Operator : VOA110:AJK
Sample : WG2147004-4,31h,15,15,0.1
Misc : WG2147004,ICAL22640
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 25 14:52:05 2025
Quant Method : K:\VOA110\2025\251125C\V110_250915A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Sep 16 09:46:52 2025
Response via : Initial Calibration

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

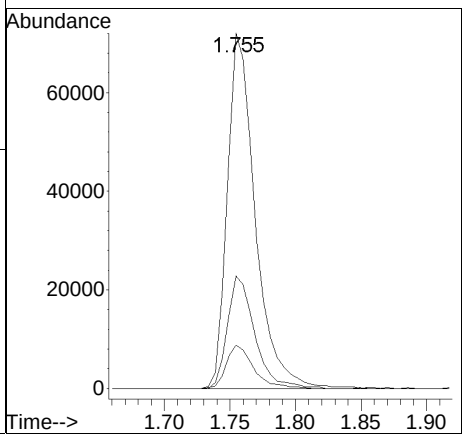


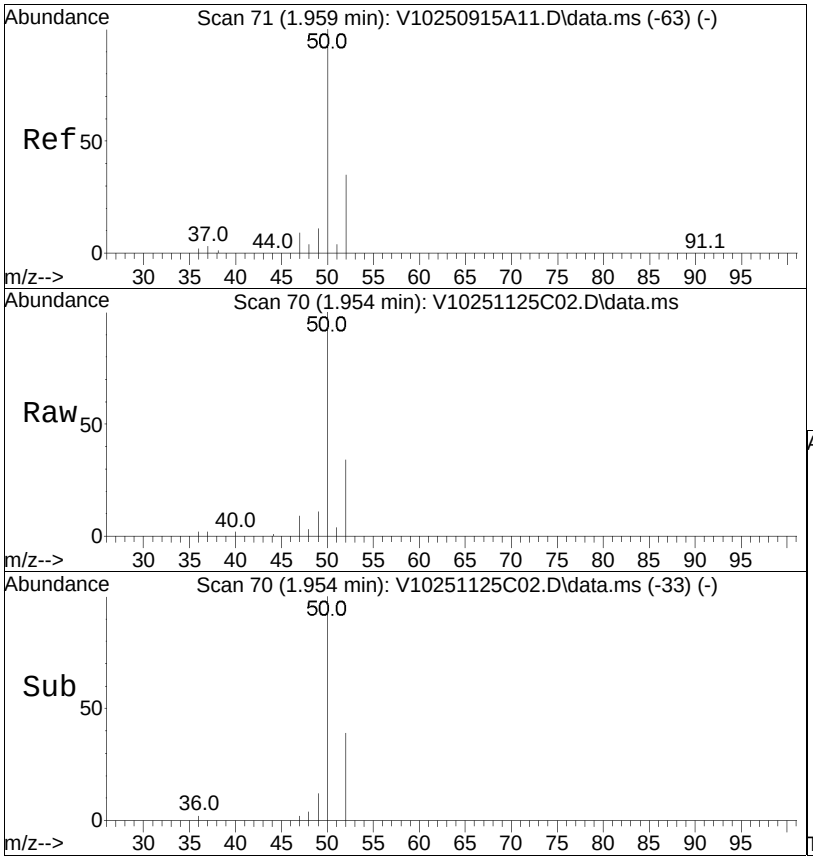


#2
Dichlorodifluoromethane
Concen: 40.43 ug/L
RT: 1.755 min Scan# 32
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 85 Resp: 106723

Ion	Ratio	Lower	Upper
85	100		
87	30.9	20.3	42.1
50	11.8	8.5	17.6

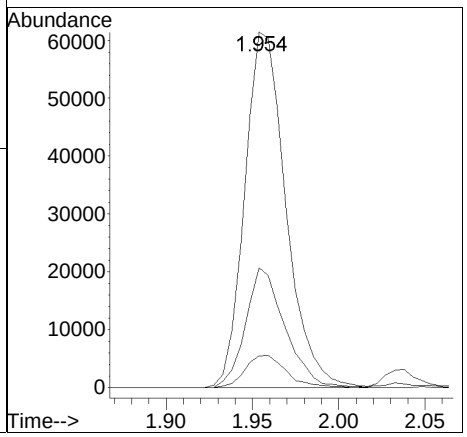


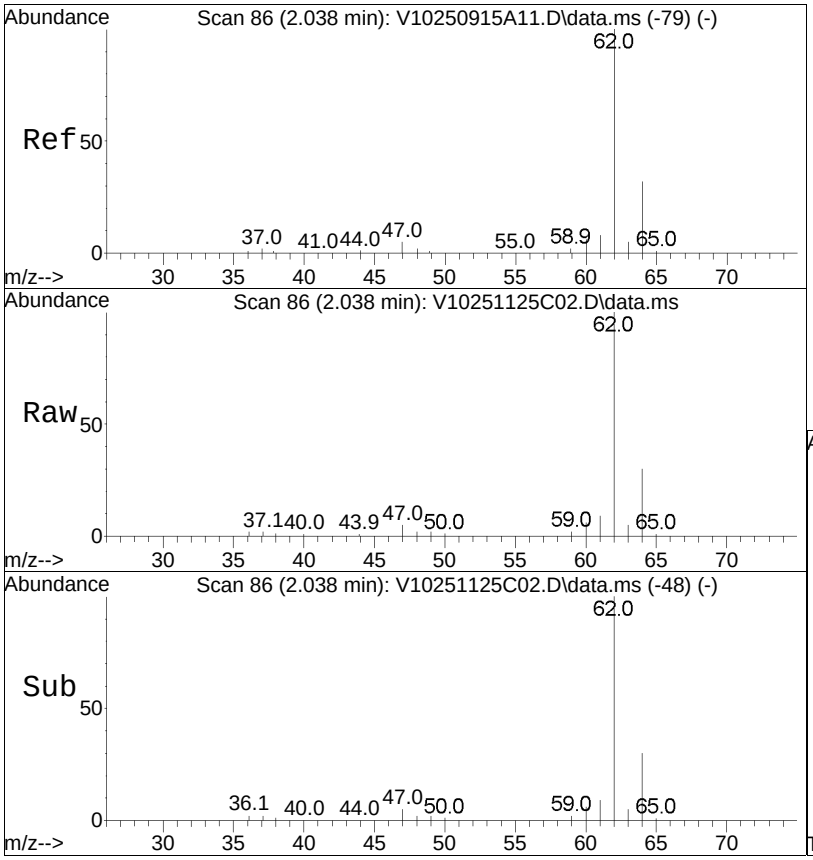


#3
Chloromethane
Concen: 33.52 ug/L
RT: 1.954 min Scan# 70
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 50 Resp: 101942

Ion	Ratio	Lower	Upper
50	100		
52	32.1	13.2	53.2
47	8.9	0.0	28.3

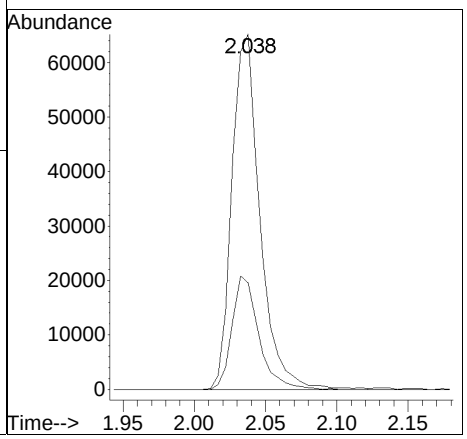


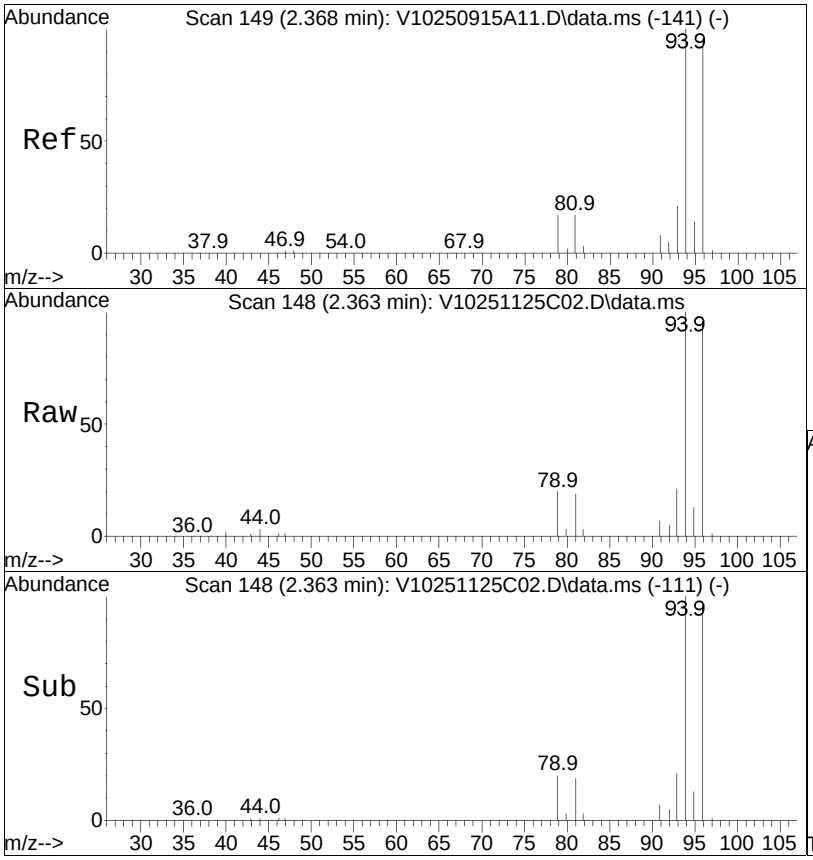


#4
Vinyl chloride
Concen: 25.65 ug/L
RT: 2.038 min Scan# 86
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 62 Resp: 89188

Ion	Ratio	Lower	Upper
62	100		
64	30.5	10.5	50.5

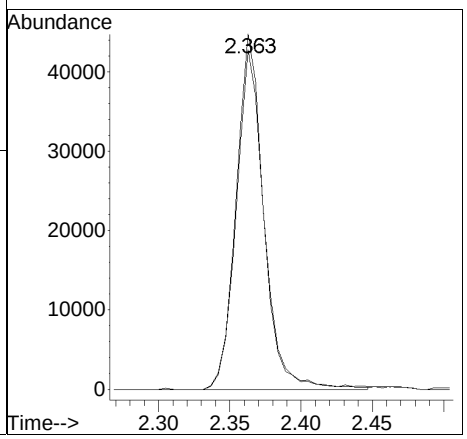


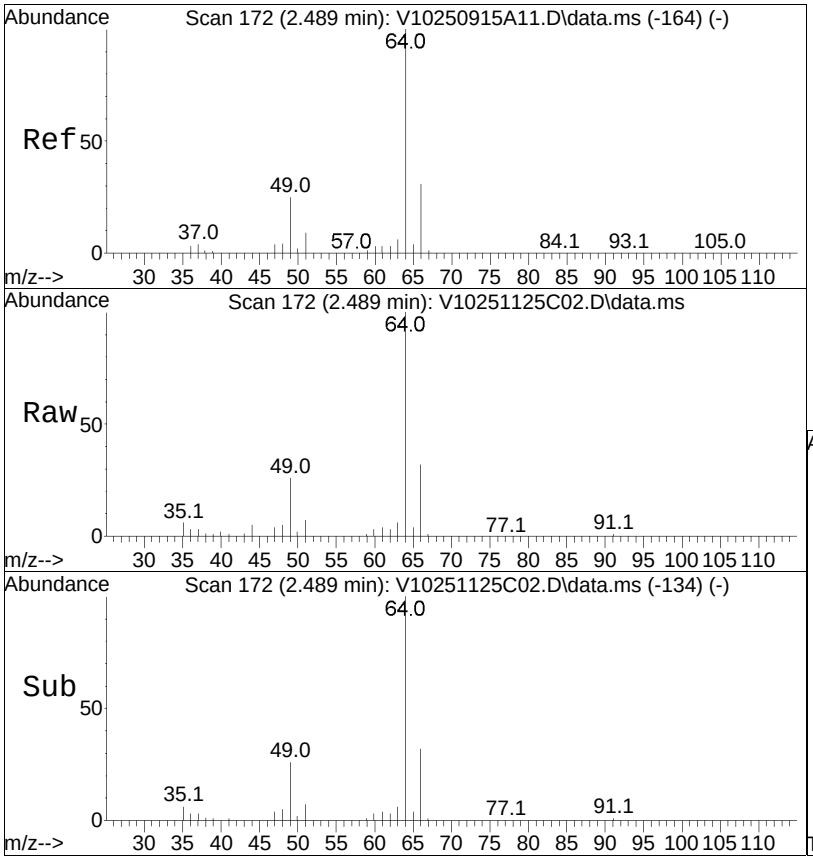


#5
Bromomethane
Concen: 19.02 ug/L
RT: 2.363 min Scan# 148
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 94 Resp: 60847

Ion	Ratio	Lower	Upper
94	100		
96	94.8	67.4	107.4

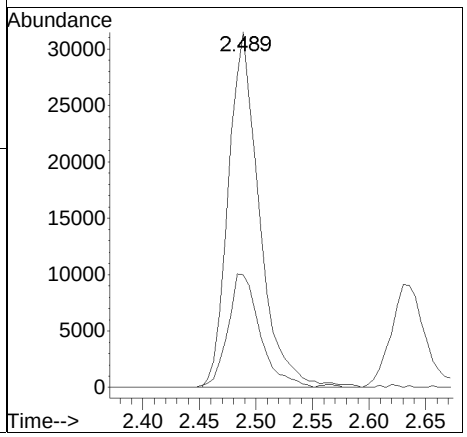


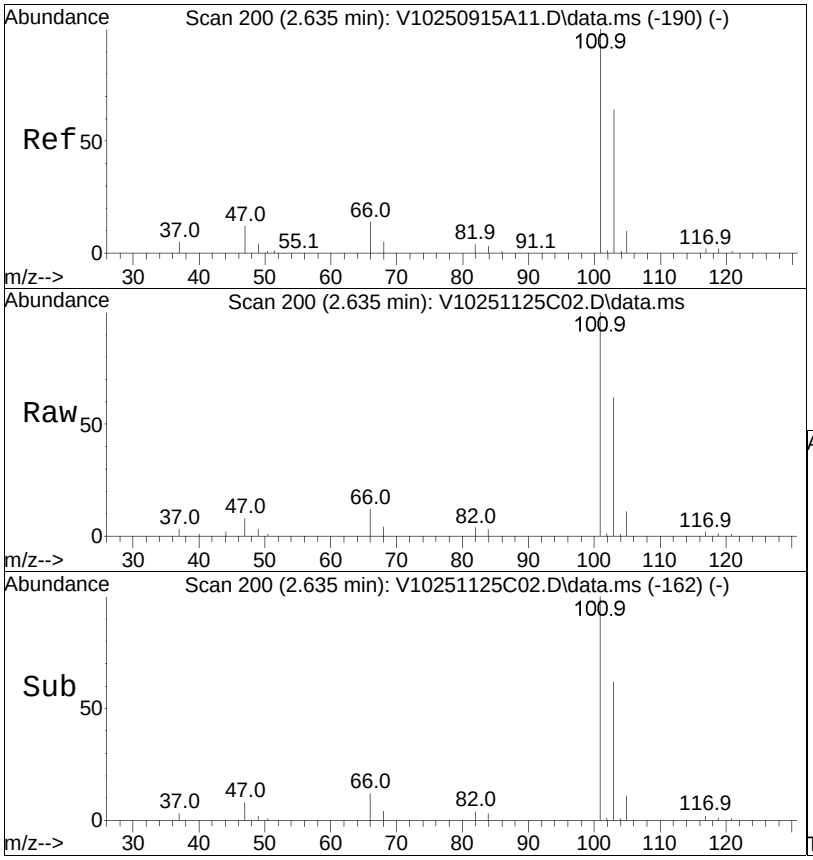


#6
Chloroethane
Concen: 23.26 ug/L
RT: 2.489 min Scan# 172
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 64 Resp: 60263

Ion	Ratio	Lower	Upper
64	100		
66	33.1	14.1	54.1

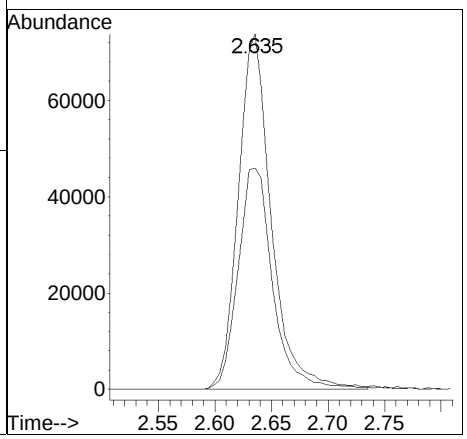


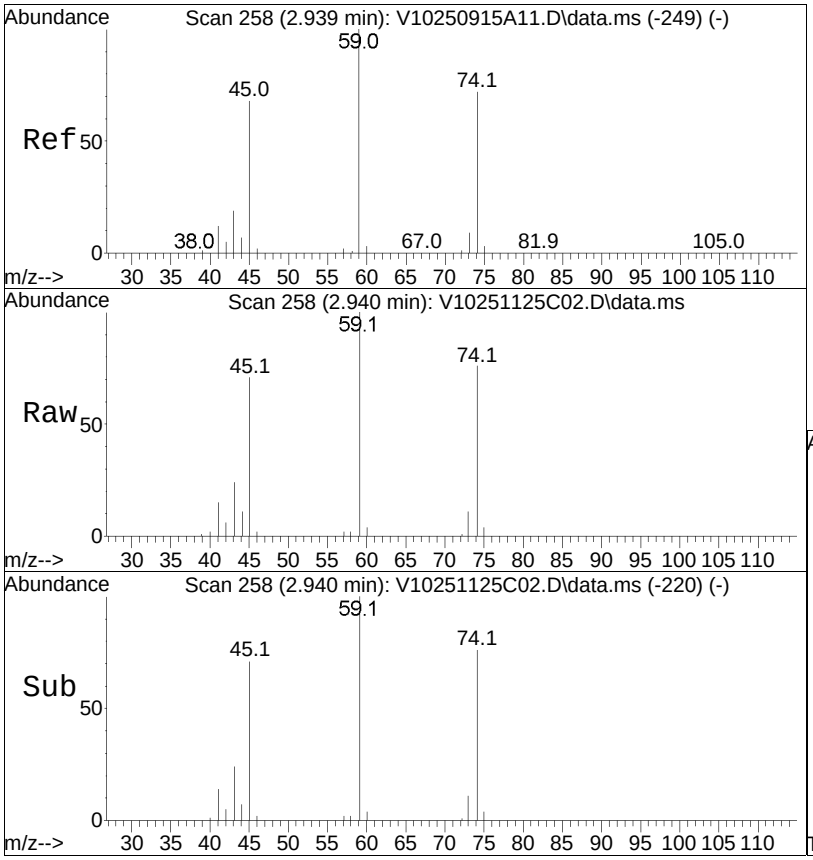


#7
Trichlorofluoromethane
Concen: 31.25 ug/L
RT: 2.635 min Scan# 200
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:101 Resp: 149911

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.1	76.7

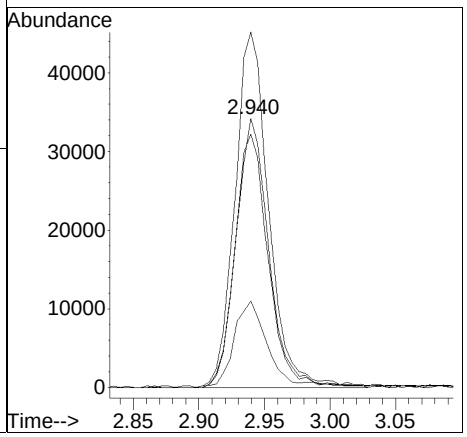


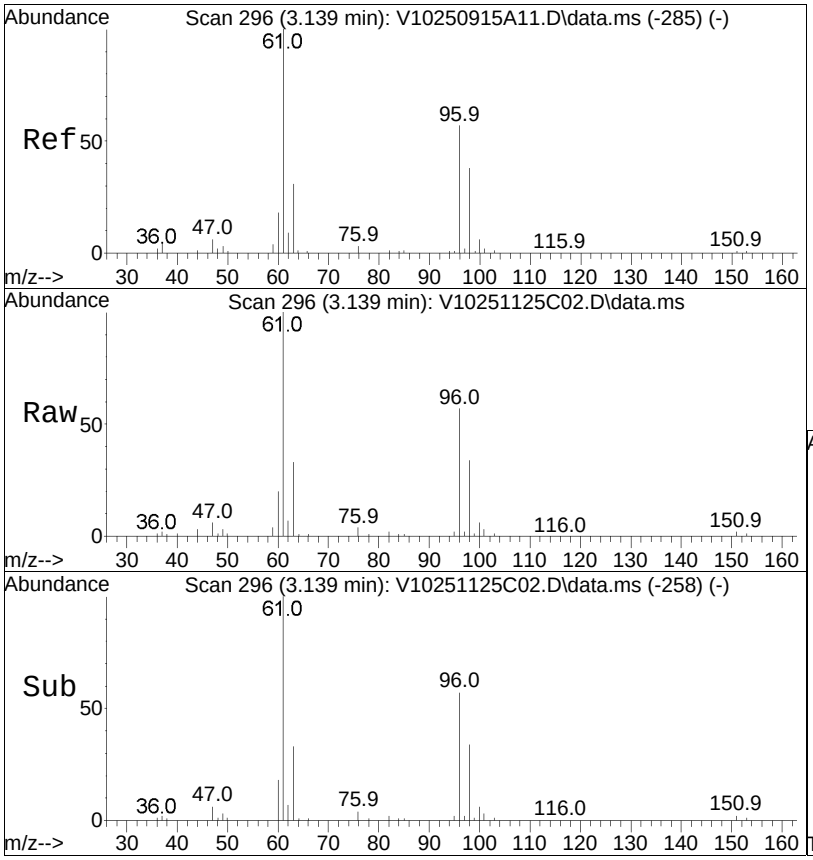


#8
Ethyl ether
Concen: 26.65 ug/L
RT: 2.940 min Scan# 258
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 74 Resp: 59661

Ion	Ratio	Lower	Upper
74	100		
59	136.5	97.8	203.0
45	95.9	73.4	152.4
43	33.1	23.5	48.7

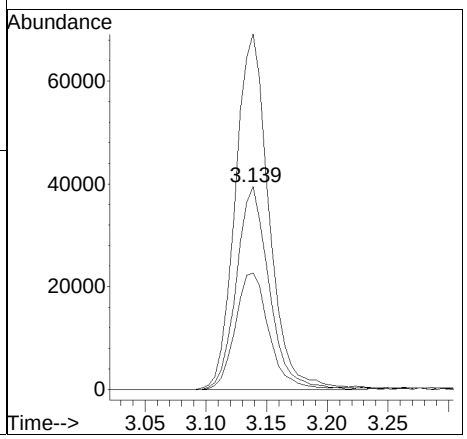


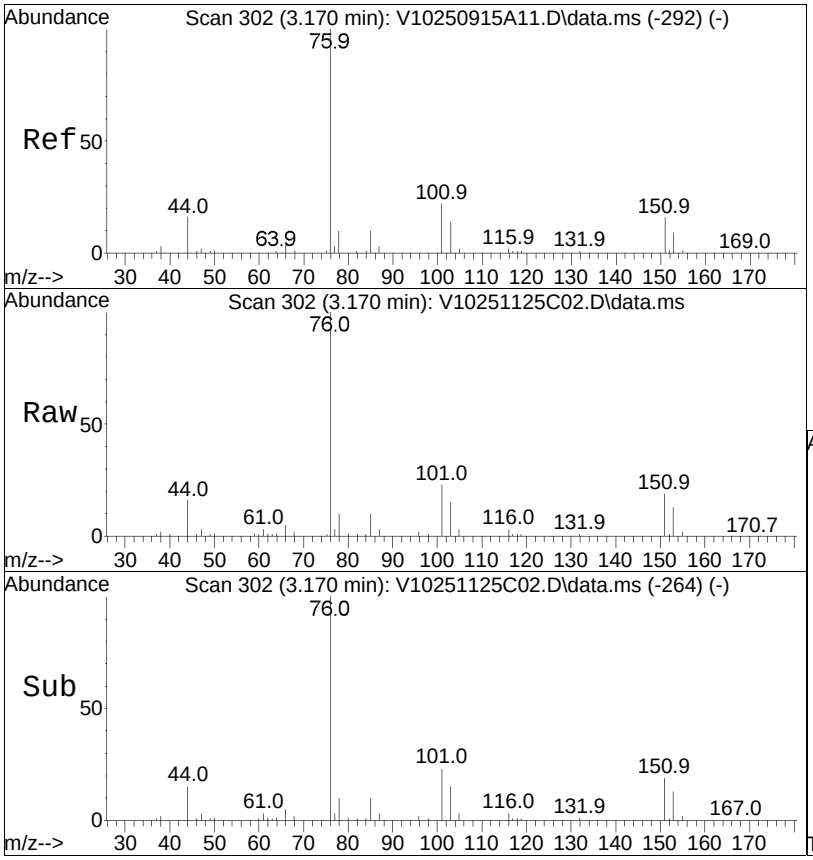


#10
1,1-Dichloroethene
Concen: 25.36 ug/L
RT: 3.139 min Scan# 296
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 96 Resp: 74392

Ion	Ratio	Lower	Upper
96	100		
61	179.6	145.0	217.4
63	59.0	46.8	70.2

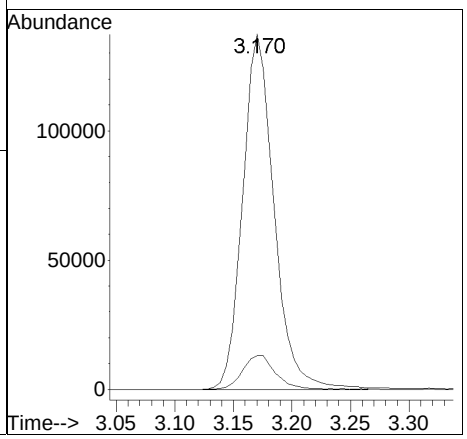


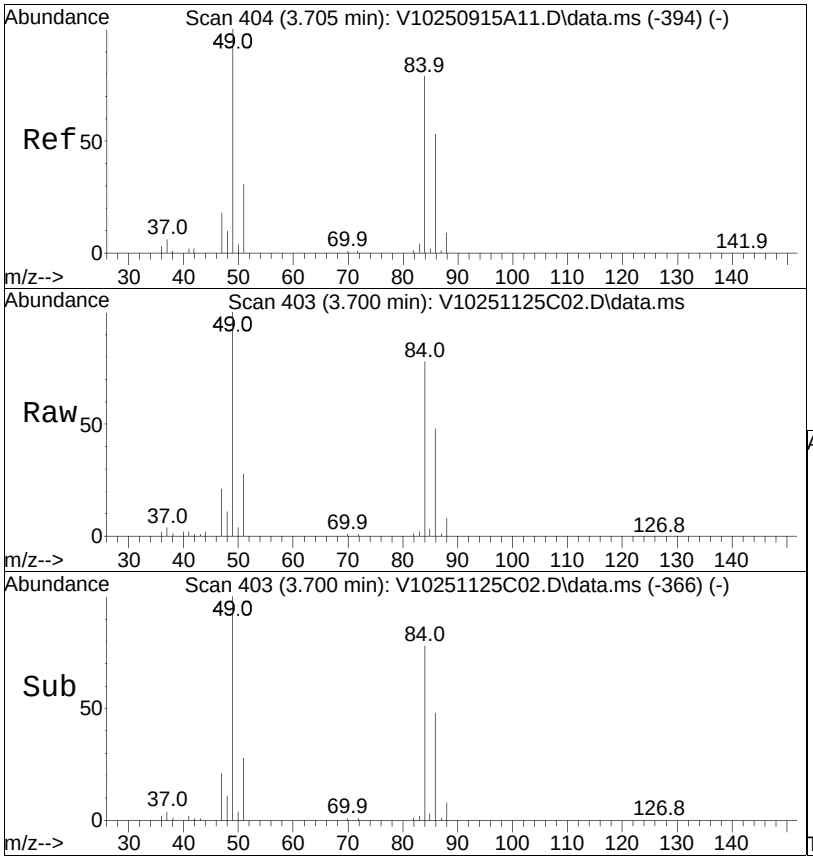


#11
Carbon disulfide
Concen: 23.65 ug/L
RT: 3.170 min Scan# 302
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 76 Resp: 256408

Ion	Ratio	Lower	Upper
76	100		
78	10.0	6.4	13.2

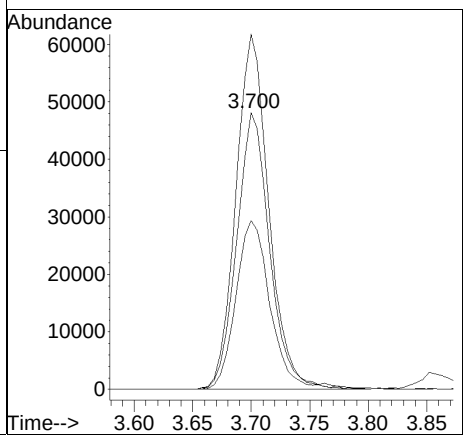


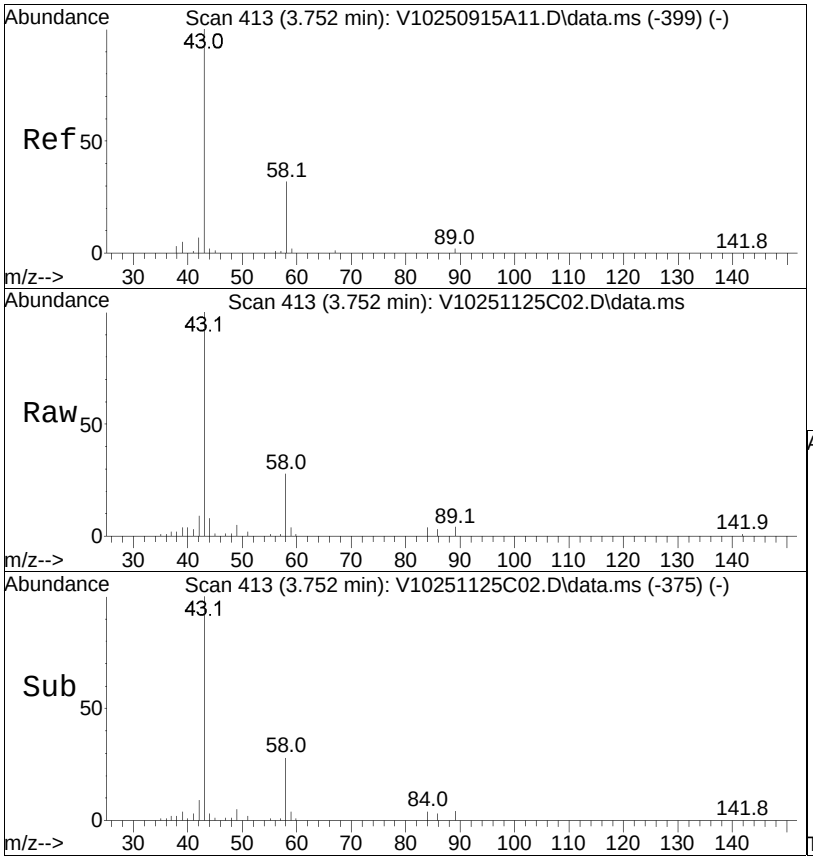


#15
Methylene chloride
Concen: 30.24 ug/L
RT: 3.700 min Scan# 403
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 84 Resp: 94388

Ion	Ratio	Lower	Upper
84	100		
86	63.3	41.5	86.3
49	128.9	99.3	206.1

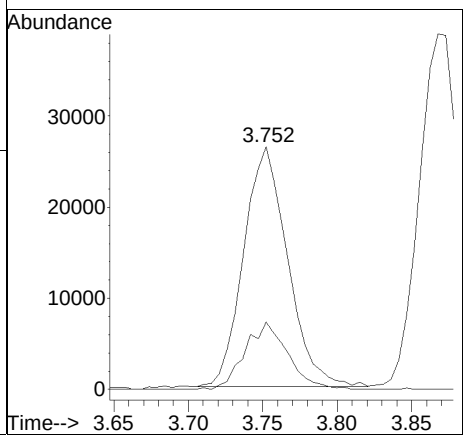


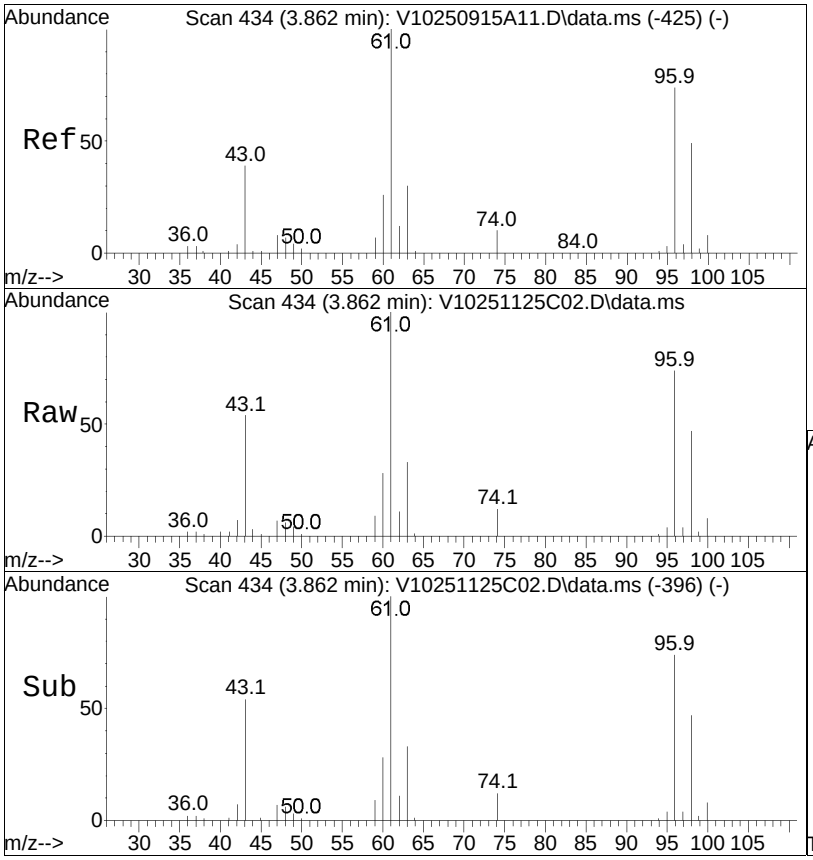


#17
Acetone
Concen: 47.20 ug/L
RT: 3.752 min Scan# 413
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 43 Resp: 54397

Ion	Ratio	Lower	Upper
43	100		
58	27.2	5.0	7.6#

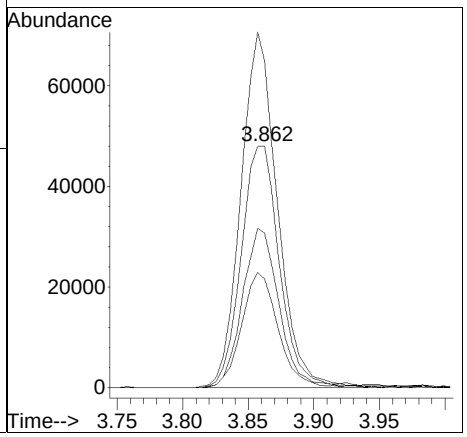


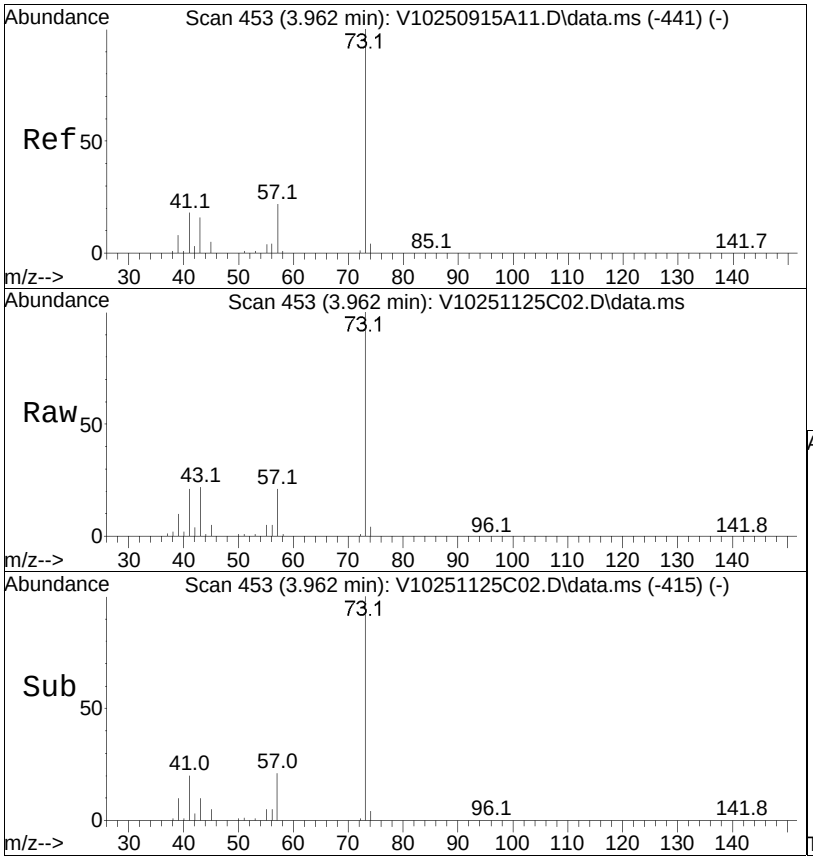


#18
trans-1,2-Dichloroethene
Concen: 35.08 ug/L
RT: 3.862 min Scan# 434
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 96 Resp: 97657

Ion	Ratio	Lower	Upper
96	100		
61	139.9	102.0	211.8
98	63.0	40.9	84.9
63	45.2	32.8	68.2

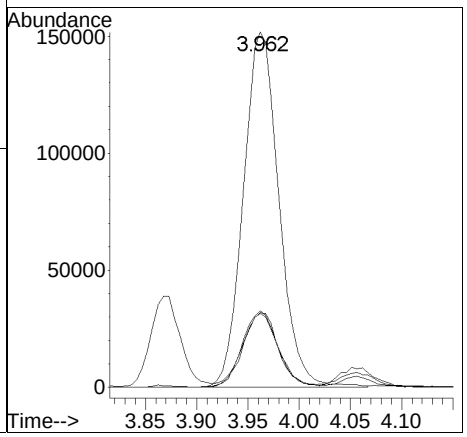


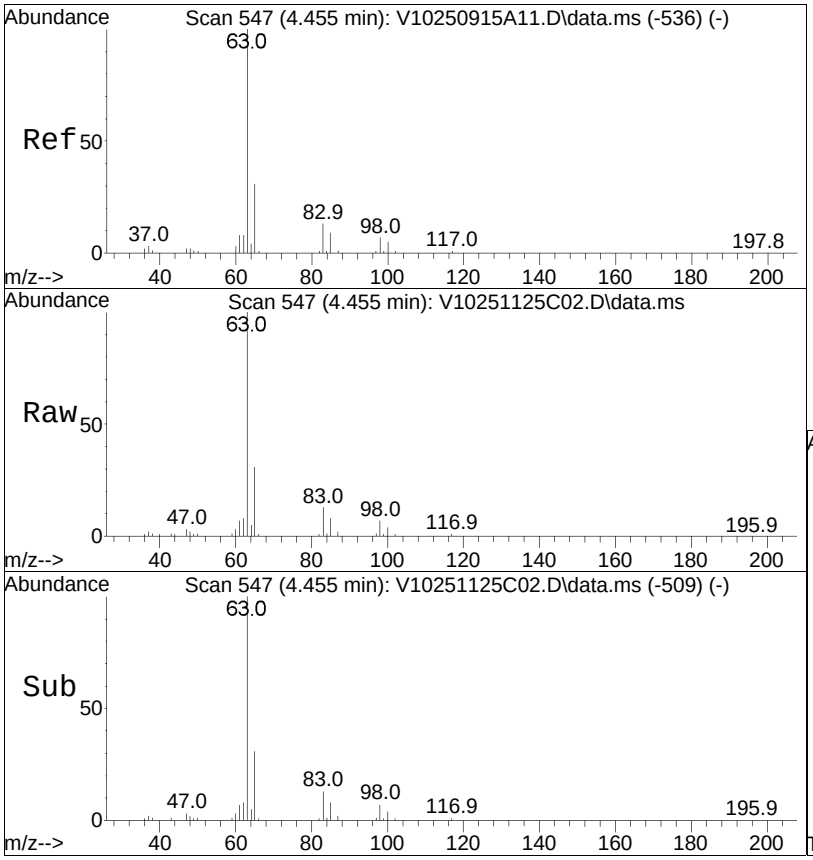


#20
Methyl tert-butyl ether
Concen: 42.80 ug/L
RT: 3.962 min Scan# 453
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 73 Resp: 367800

Ion	Ratio	Lower	Upper
73	100		
57	21.1	15.9	32.9
43	21.1	15.7	32.5
41	20.9	14.8	30.8

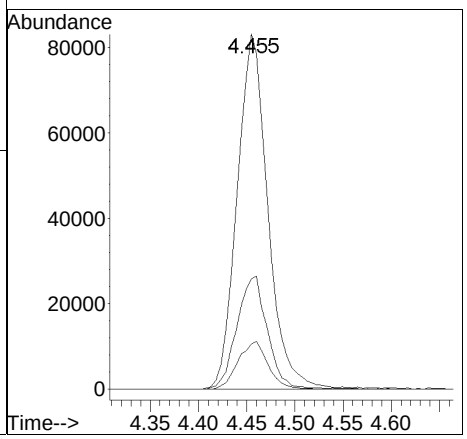


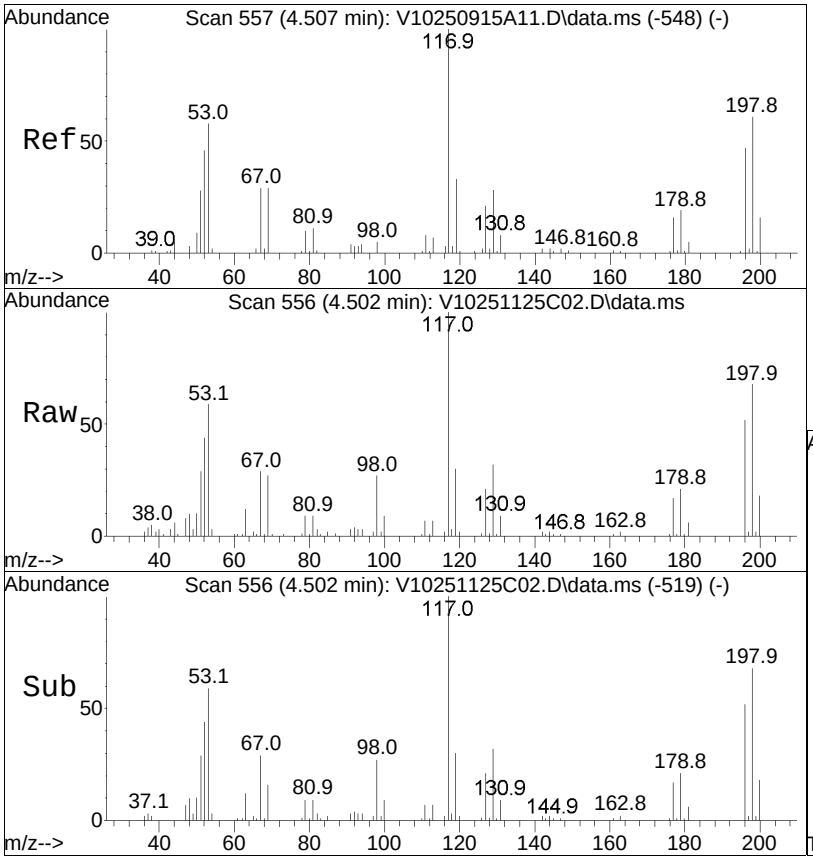


#23
1,1-Dichloroethane
Concen: 37.36 ug/L
RT: 4.455 min Scan# 547
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 63 Resp: 185282

Ion	Ratio	Lower	Upper
63	100		
65	31.5	11.0	51.0
83	13.2	0.0	32.5

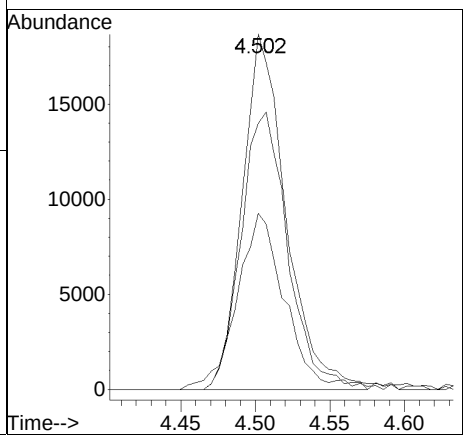


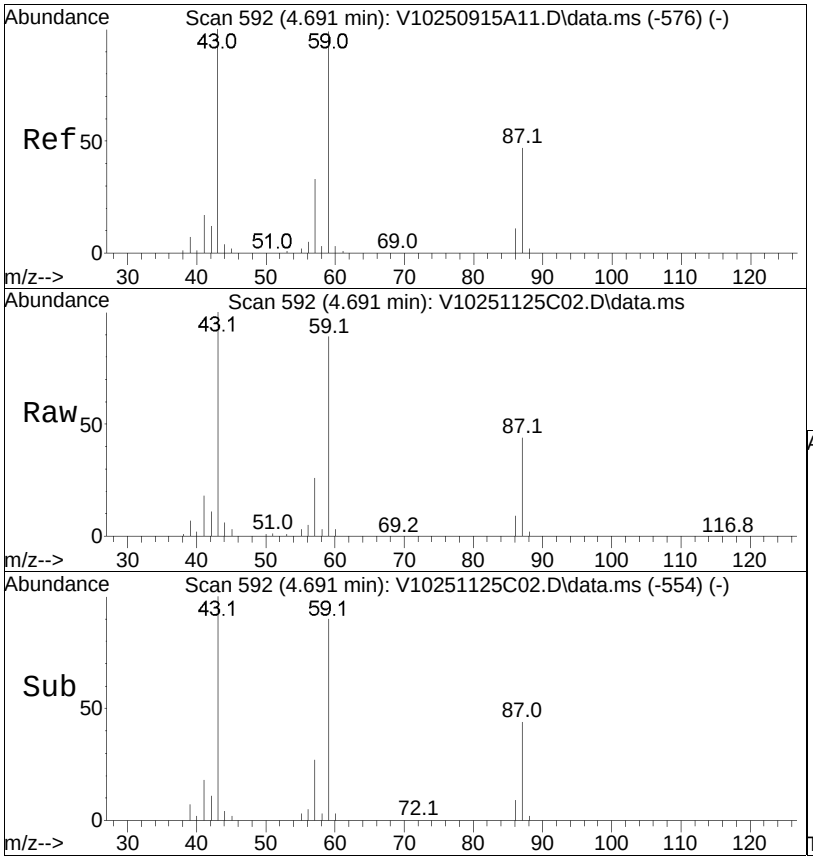


#25
Acrylonitrile
Concen: 39.68 ug/L
RT: 4.502 min Scan# 556
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 53 Resp: 38158

Ion	Ratio	Lower	Upper
53	100		
52	84.3	64.2	96.4
51	54.2	29.8	44.6#

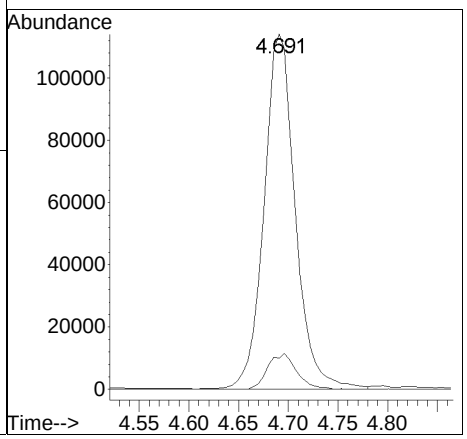


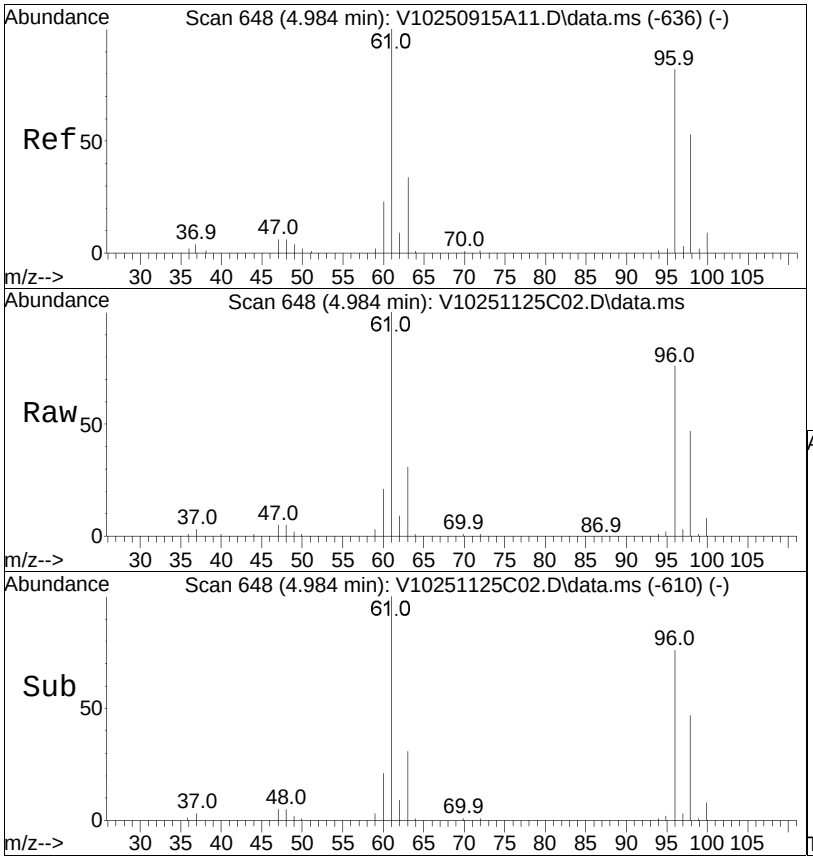


#27
Vinyl acetate
Concen: 46.04 ug/L
RT: 4.691 min Scan# 592
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 43 Resp: 250277

Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.9	11.9

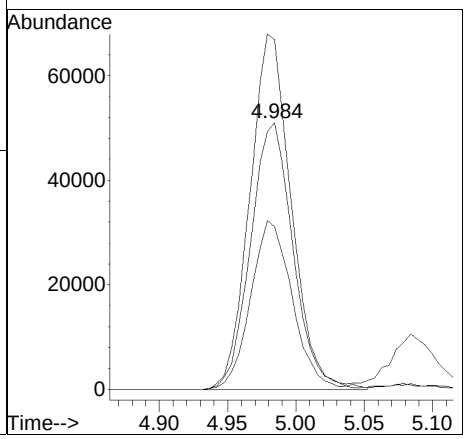


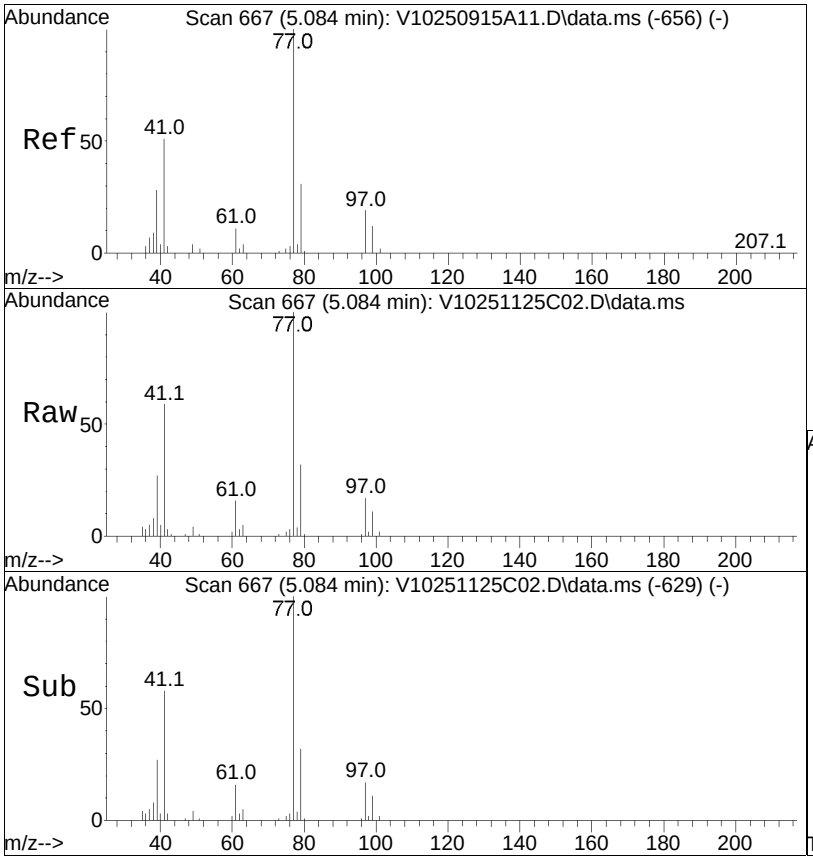


#28
cis-1,2-Dichloroethene
Concen: 35.96 ug/L
RT: 4.984 min Scan# 648
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 96 Resp: 110417

Ion	Ratio	Lower	Upper
96	100		
61	129.1	101.0	151.4
98	62.2	50.7	76.1

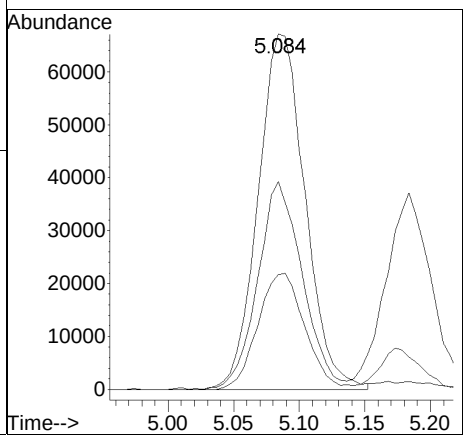


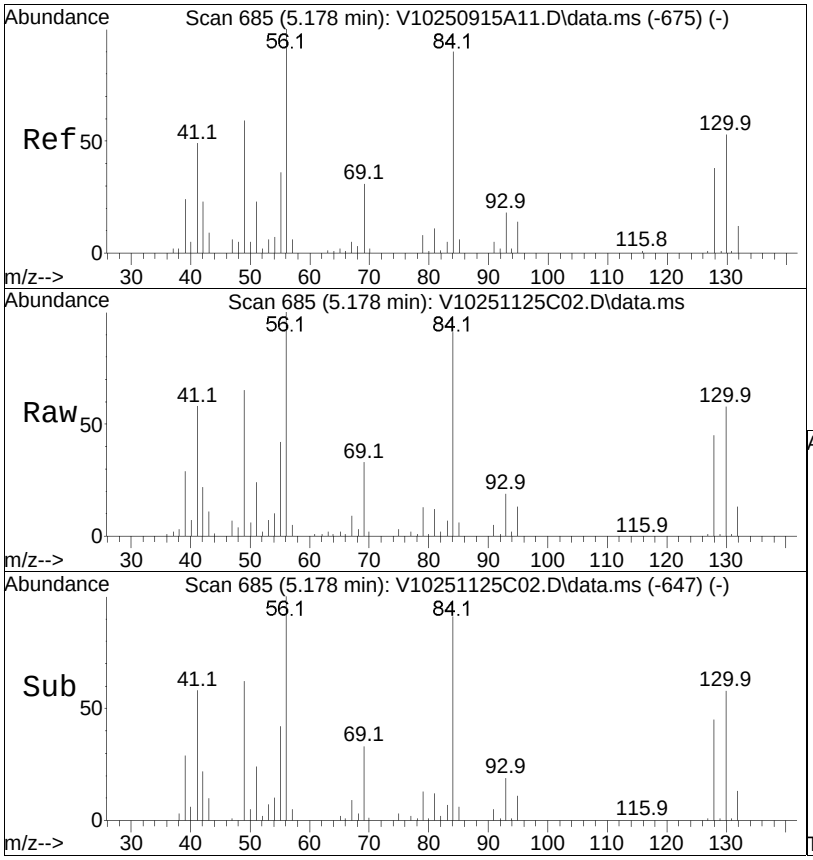


#29
2,2-Dichloropropane
Concen: 40.03 ug/L
RT: 5.084 min Scan# 667
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 77 Resp: 167360

Ion	Ratio	Lower	Upper
77	100		
41	55.6	42.1	87.5
79	32.7	21.1	43.9

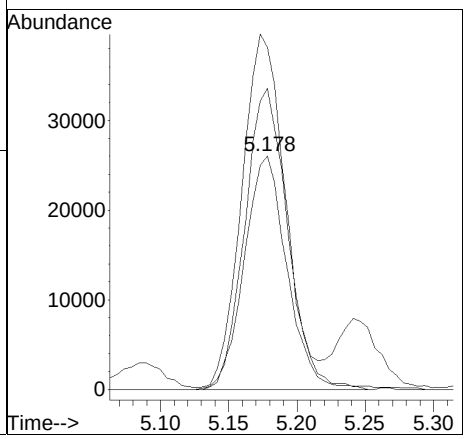


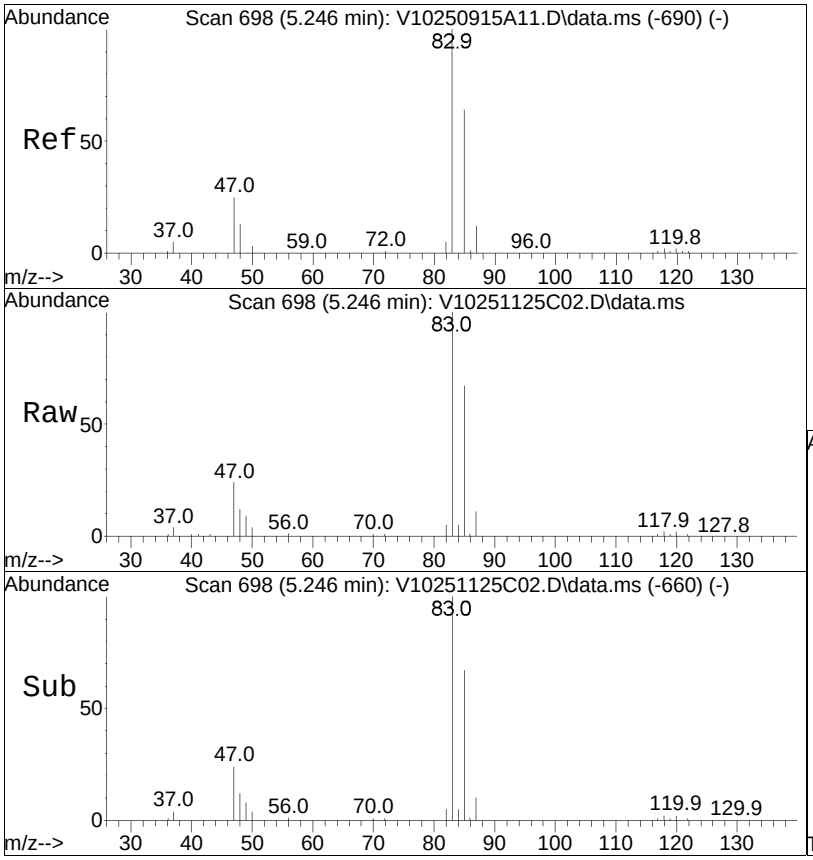


#30
Bromochloromethane
Concen: 38.16 ug/L
RT: 5.178 min Scan# 685
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:128 Resp: 56543

Ion	Ratio	Lower	Upper
128	100		
49	154.0	145.7	218.5
130	130.8	101.9	152.9

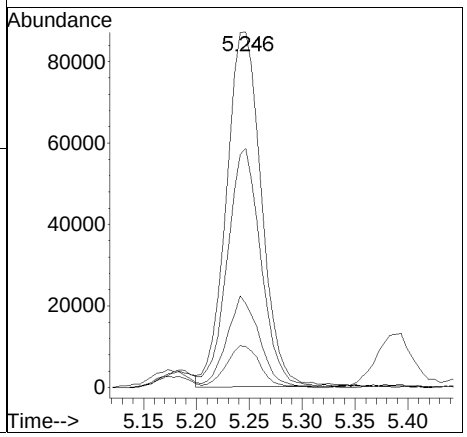


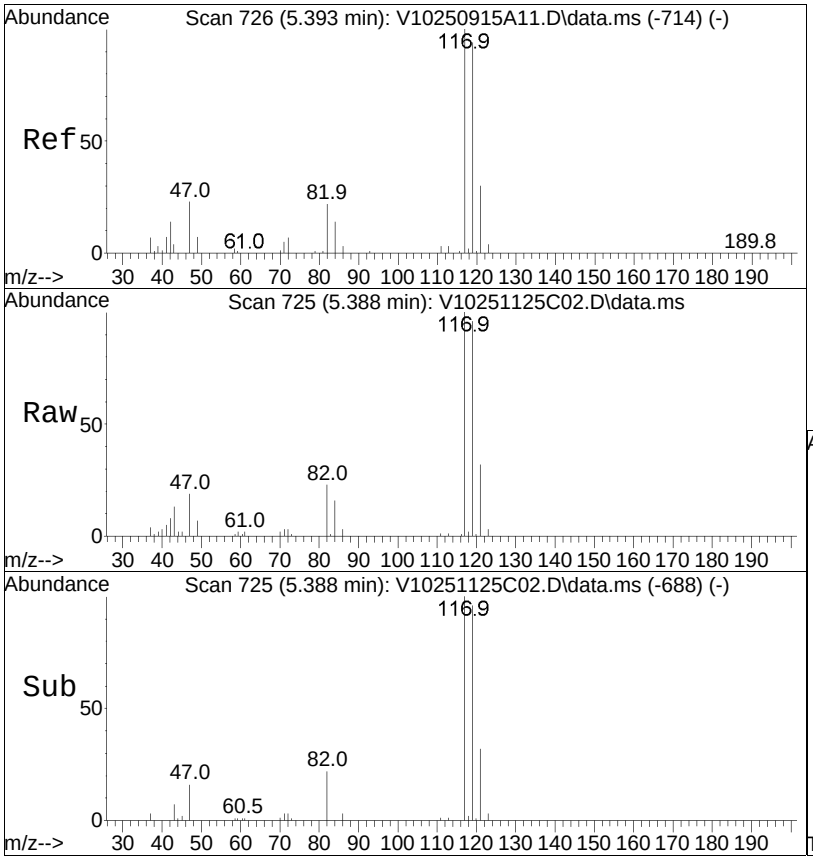


#32
Chloroform
Concen: 39.47 ug/L
RT: 5.246 min Scan# 698
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 83 Resp: 201709

Ion	Ratio	Lower	Upper
83	100		
85	63.5	41.9	87.1
47	23.2	18.4	38.2
48	11.3	9.4	19.4

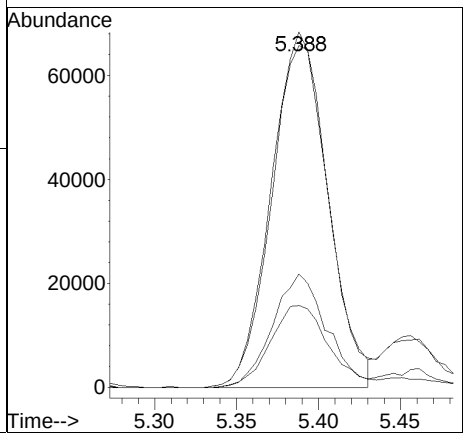


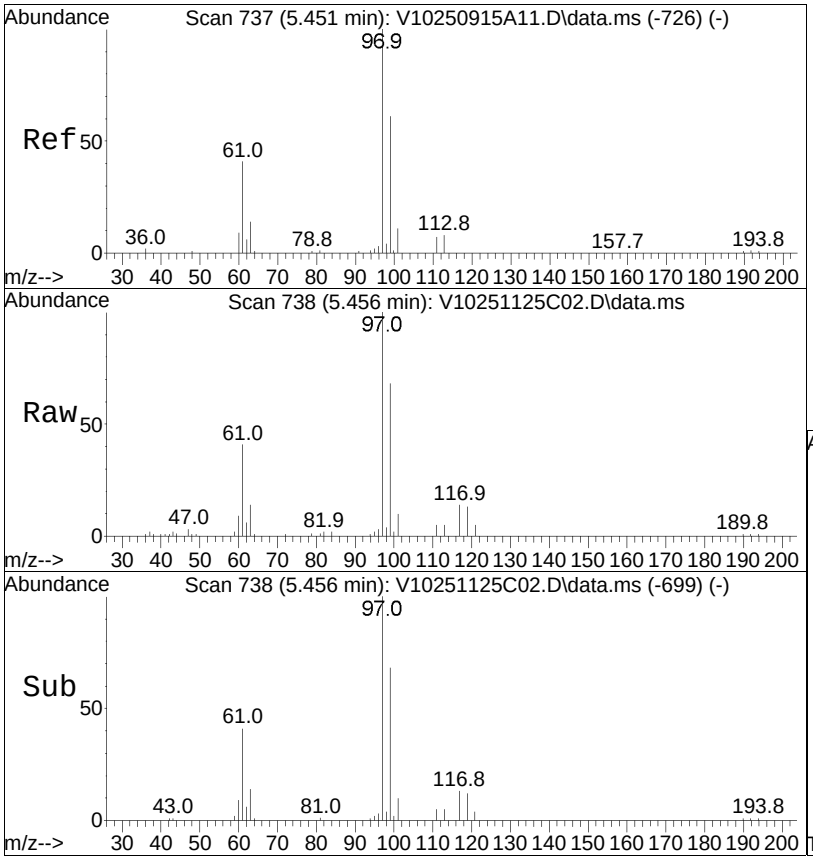


#34
Carbon tetrachloride
Concen: 45.31 ug/L
RT: 5.388 min Scan# 725
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:117 Resp: 164619

Ion	Ratio	Lower	Upper
117	100		
119	97.9	62.9	130.5
121	30.4	19.1	39.7
82	23.9	16.3	33.9

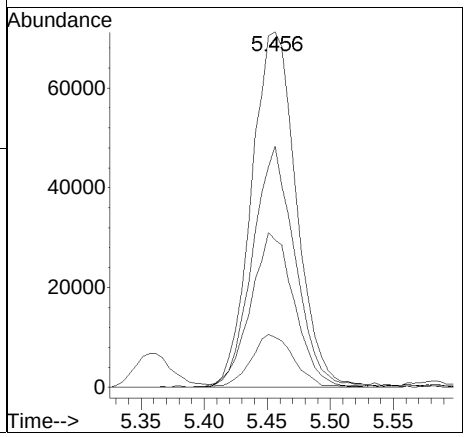


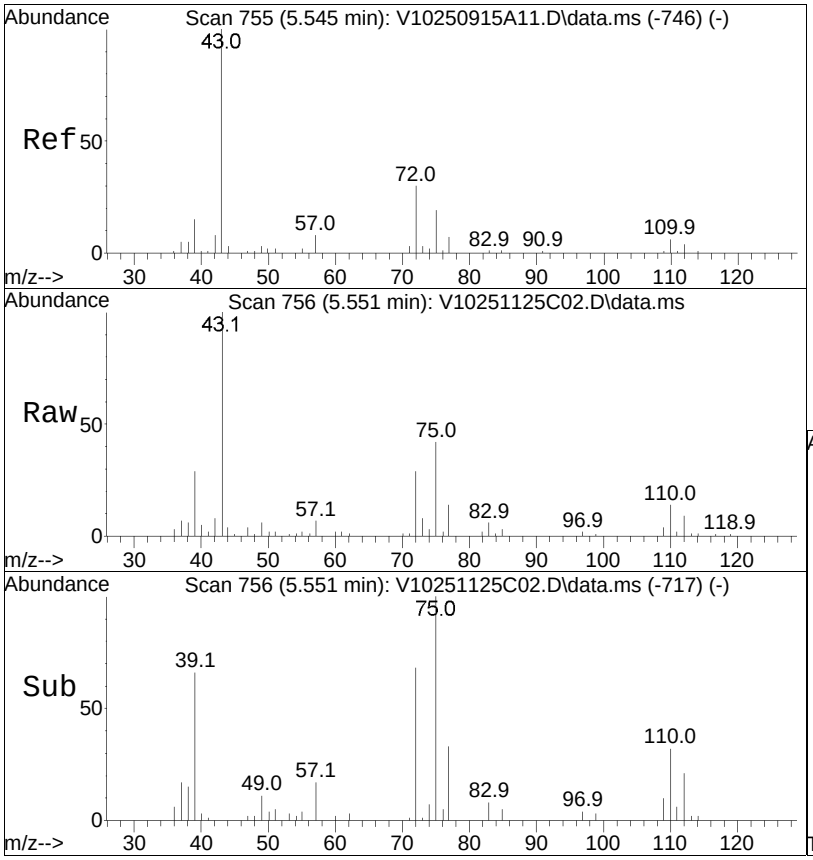


#37
1,1,1-Trichloroethane
Concen: 44.41 ug/L
RT: 5.456 min Scan# 738
Delta R.T. 0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 97 Resp: 176484

Ion	Ratio	Lower	Upper
97	100		
99	64.4	41.7	86.5
61	41.8	30.1	62.5
63	14.5	9.9	20.5

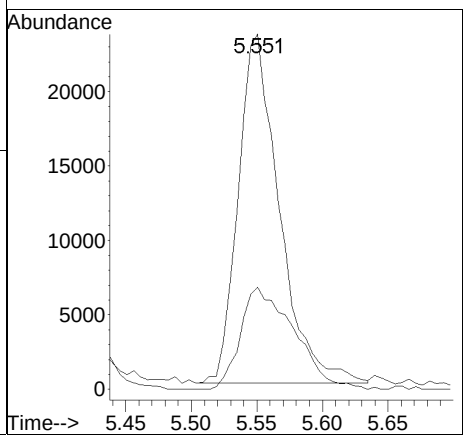


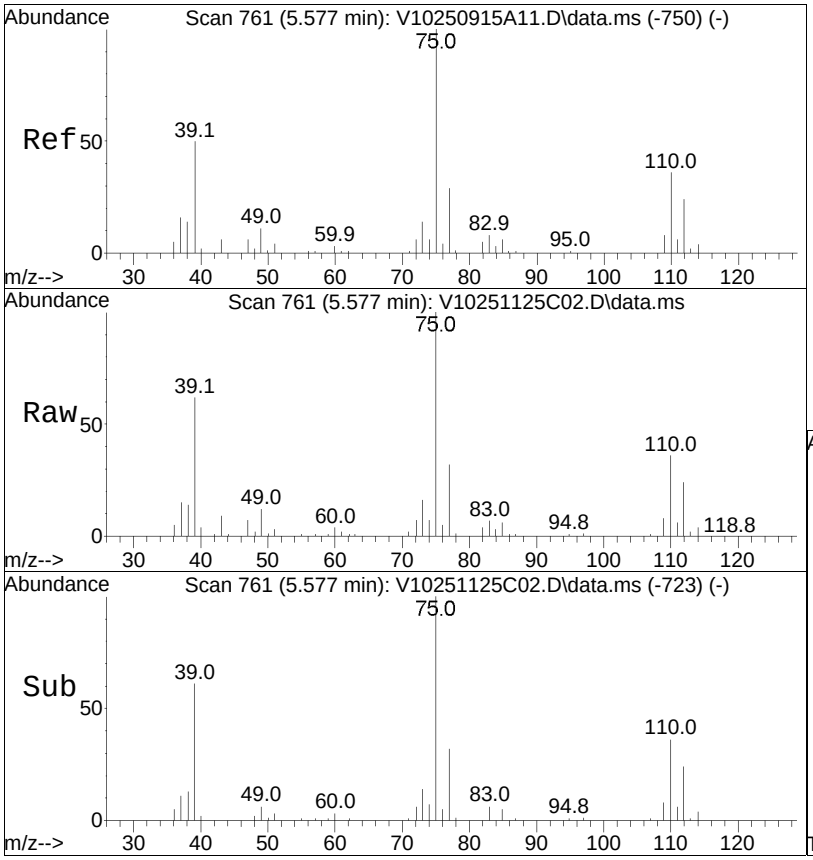


#39
2-Butanone
Concen: 46.18 ug/L
RT: 5.551 min Scan# 756
Delta R.T. 0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 43 Resp: 51132

Ion	Ratio	Lower	Upper
43	100		
72	38.2	113.1	169.7#

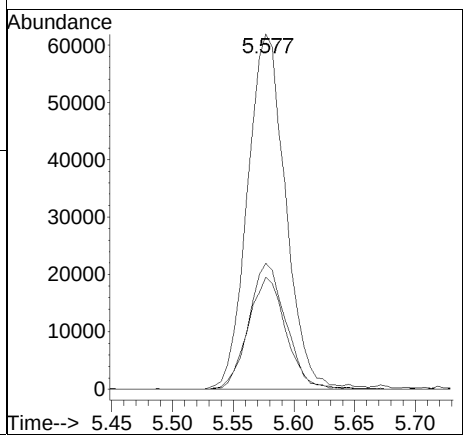


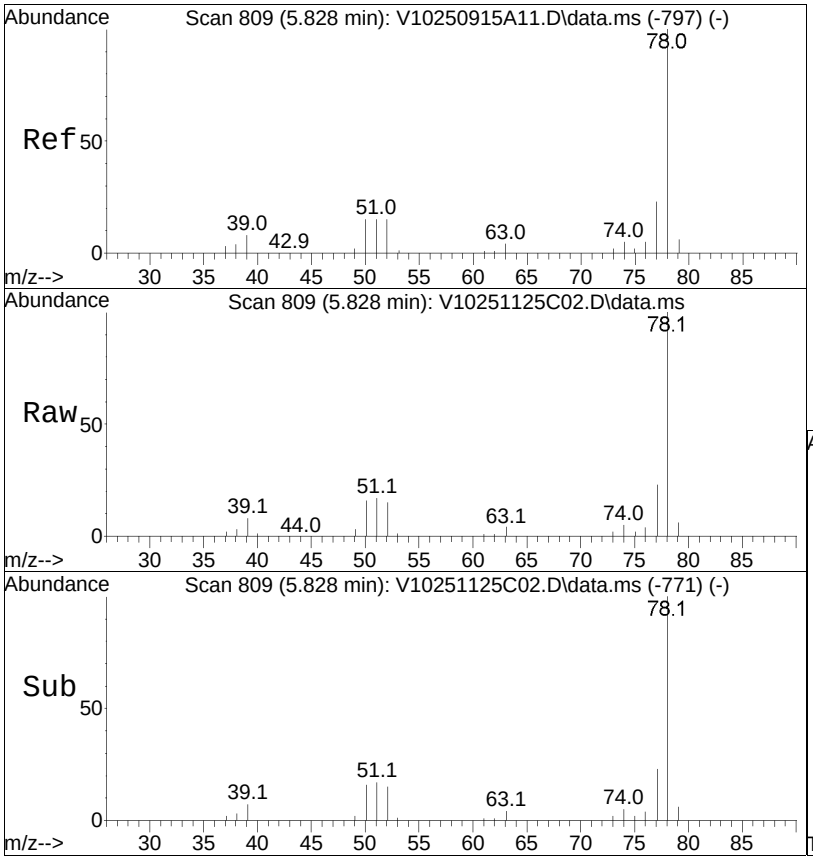


#40
1,1-Dichloropropene
Concen: 40.47 ug/L
RT: 5.577 min Scan# 761
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 75 Resp: 135311

Ion	Ratio	Lower	Upper
75	100		
110	34.6	21.6	45.0
77	31.5	20.4	42.4

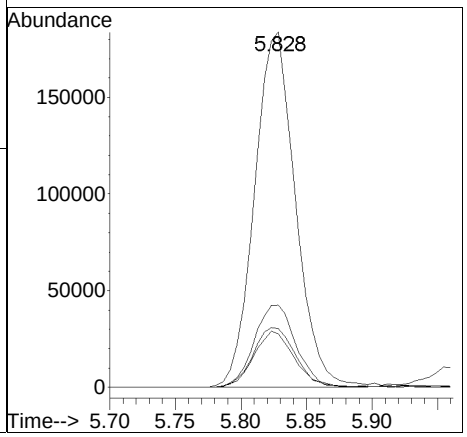


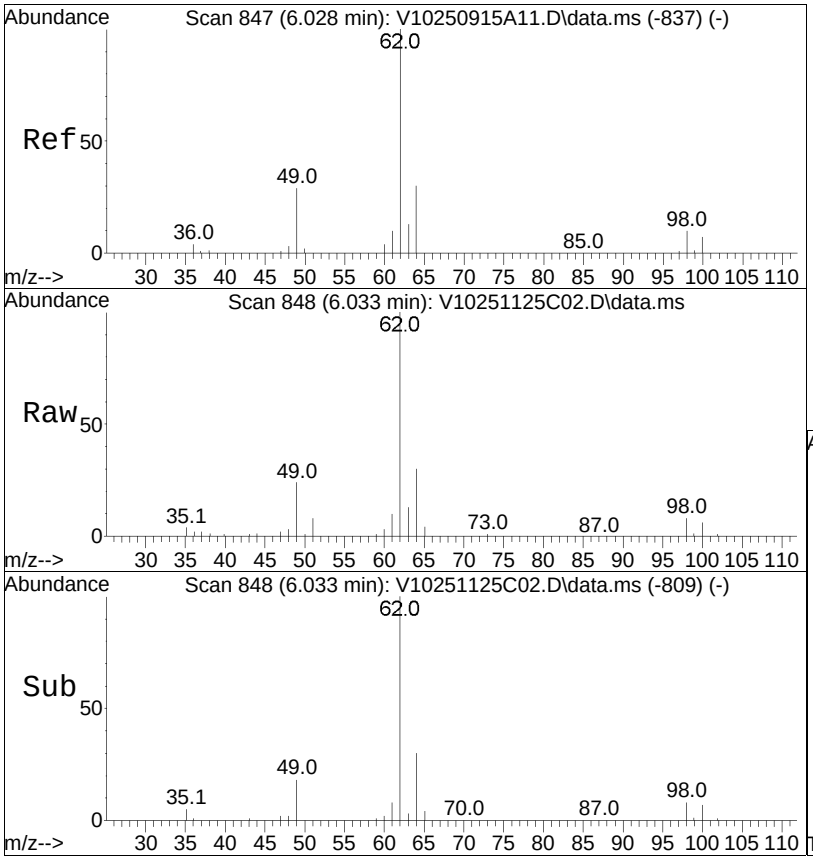


#41
Benzene
Concen: 37.98 ug/L
RT: 5.828 min Scan# 809
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 78 Resp: 398636

Ion	Ratio	Lower	Upper
78	100		
77	23.8	16.1	33.5
51	17.5	11.8	24.6
52	15.7	11.0	22.8

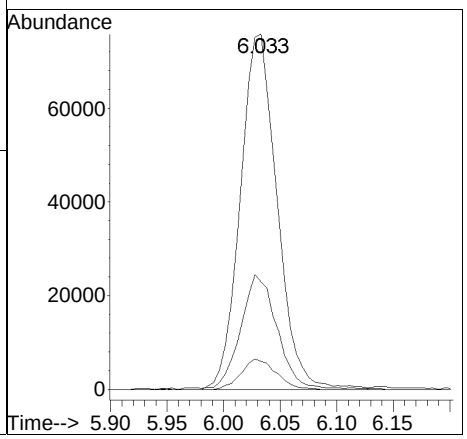


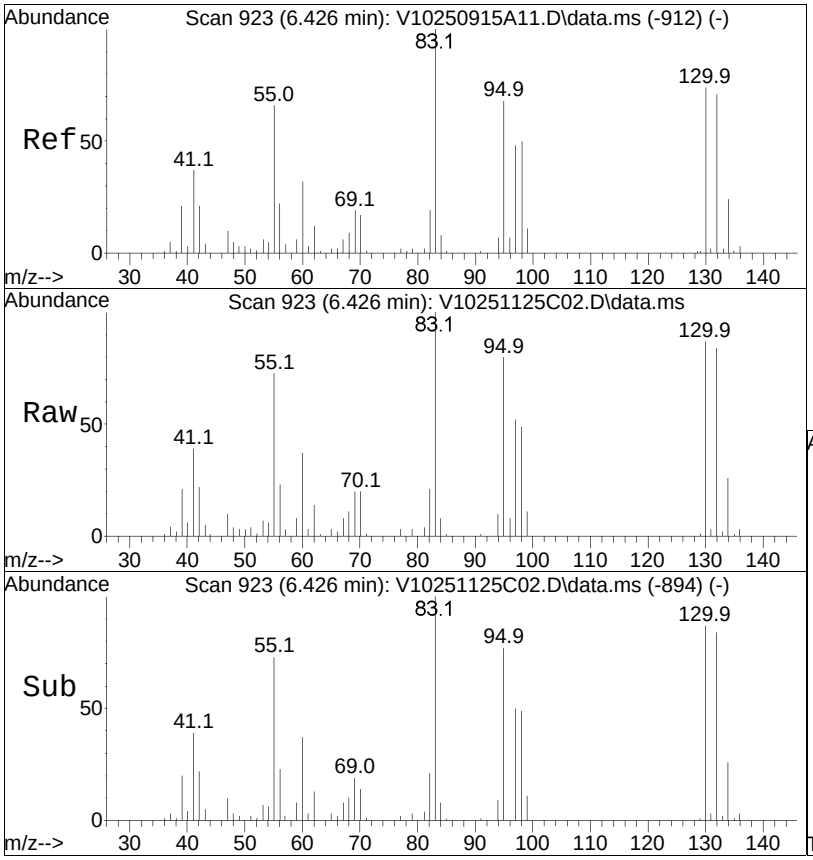


#44
1,2-Dichloroethane
Concen: 48.74 ug/L
RT: 6.033 min Scan# 848
Delta R.T. 0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 62 Resp: 171706

Ion	Ratio	Lower	Upper
62	100		
64	32.4	12.3	52.3
98	8.1	0.0	29.5

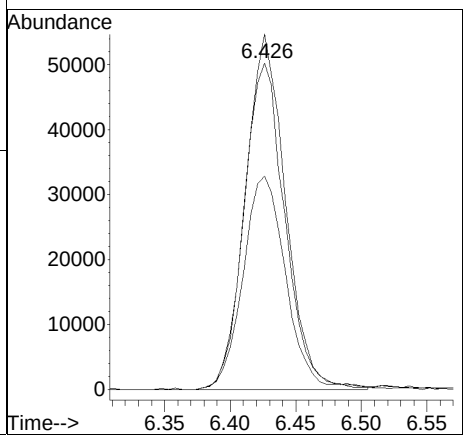


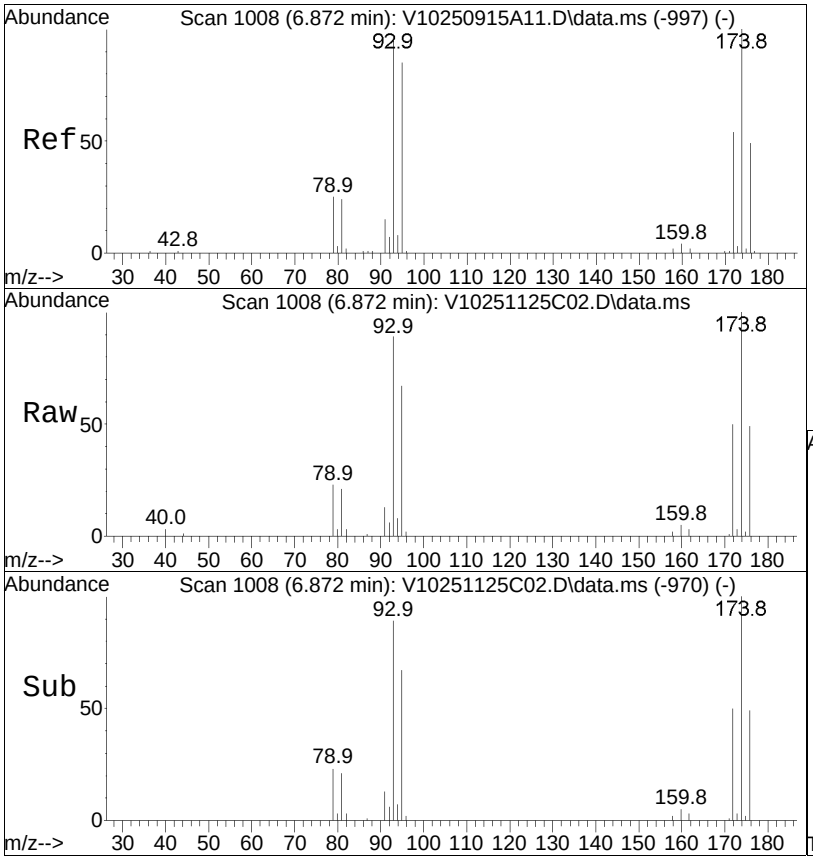


#48
Trichloroethene
Concen: 39.12 ug/L
RT: 6.426 min Scan# 923
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 95 Resp: 109052

Ion	Ratio	Lower	Upper
95	100		
97	68.4	53.3	79.9
130	107.1	80.7	121.1

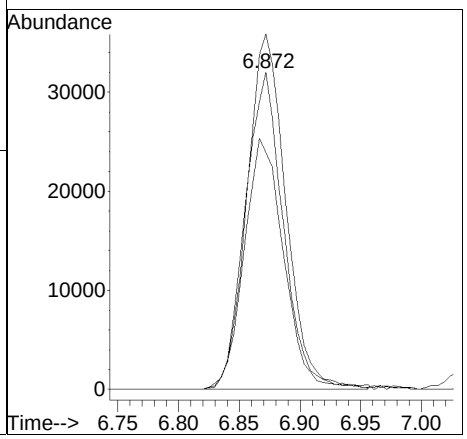


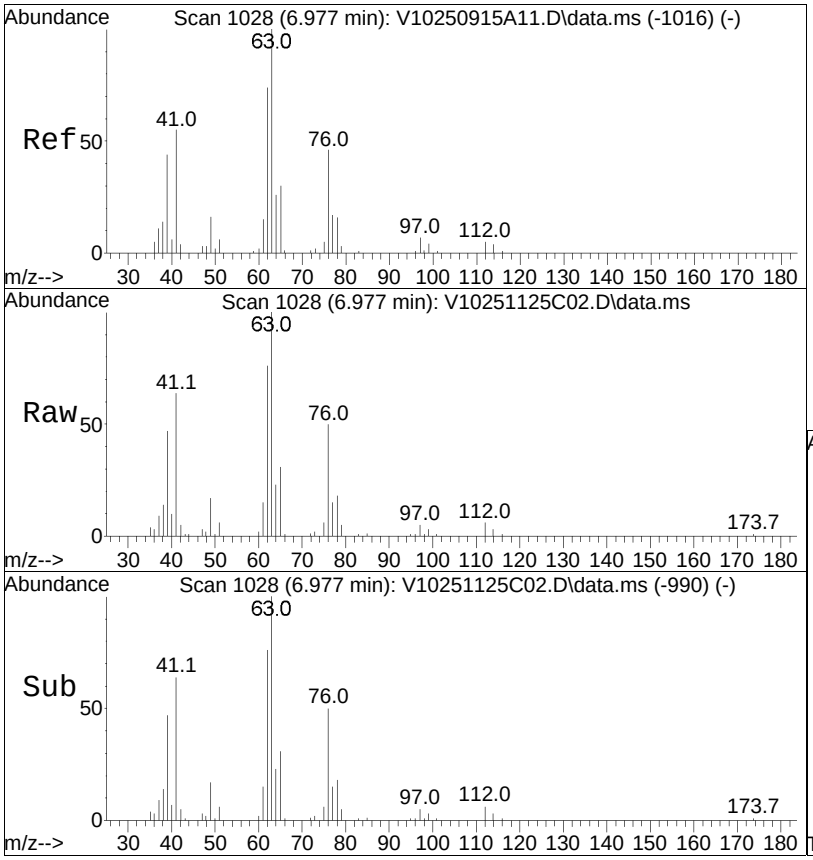


#50
Dibromomethane
Concen: 39.72 ug/L
RT: 6.872 min Scan# 1008
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 93 Resp: 70086

Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.8	98.6
174	114.4	69.0	103.4#

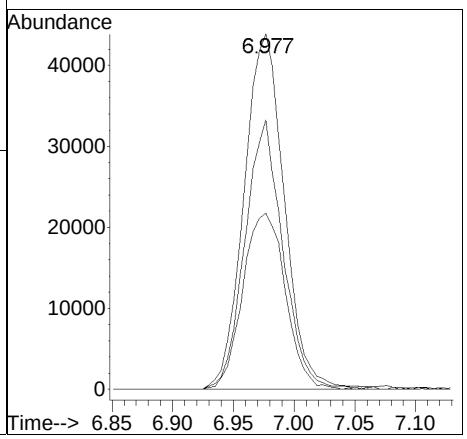


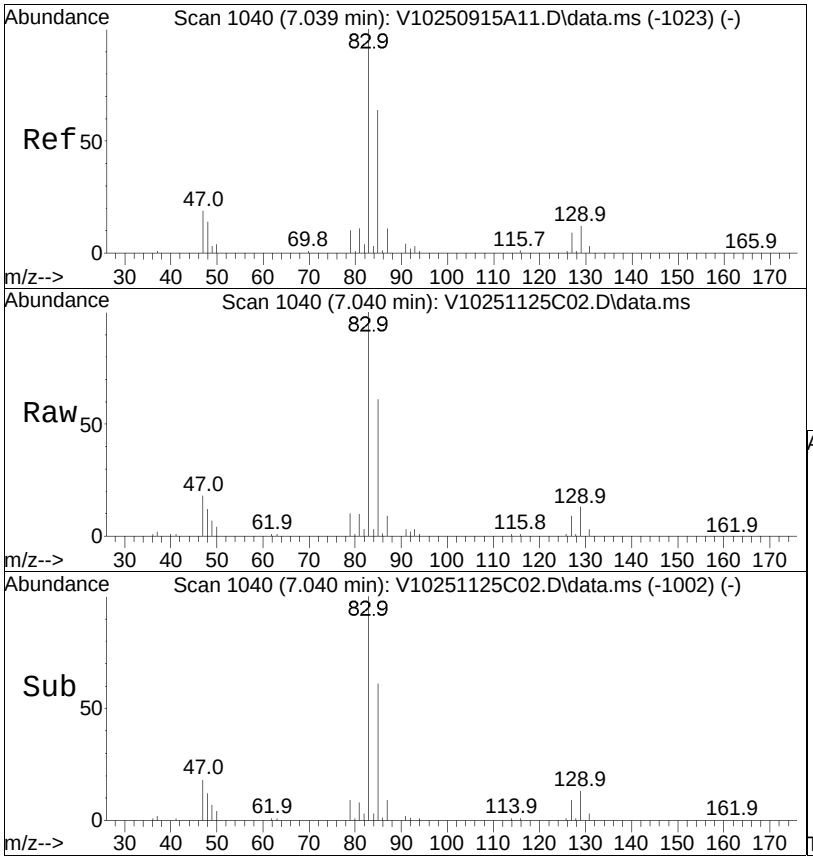


#51
1,2-Dichloropropane
Concen: 37.01 ug/L
RT: 6.977 min Scan# 1028
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 63 Resp: 101303

Ion	Ratio	Lower	Upper
63	100		
62	71.3	56.2	84.2
76	52.4	33.0	49.4#

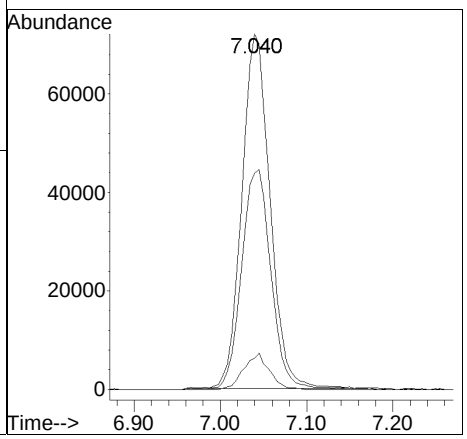


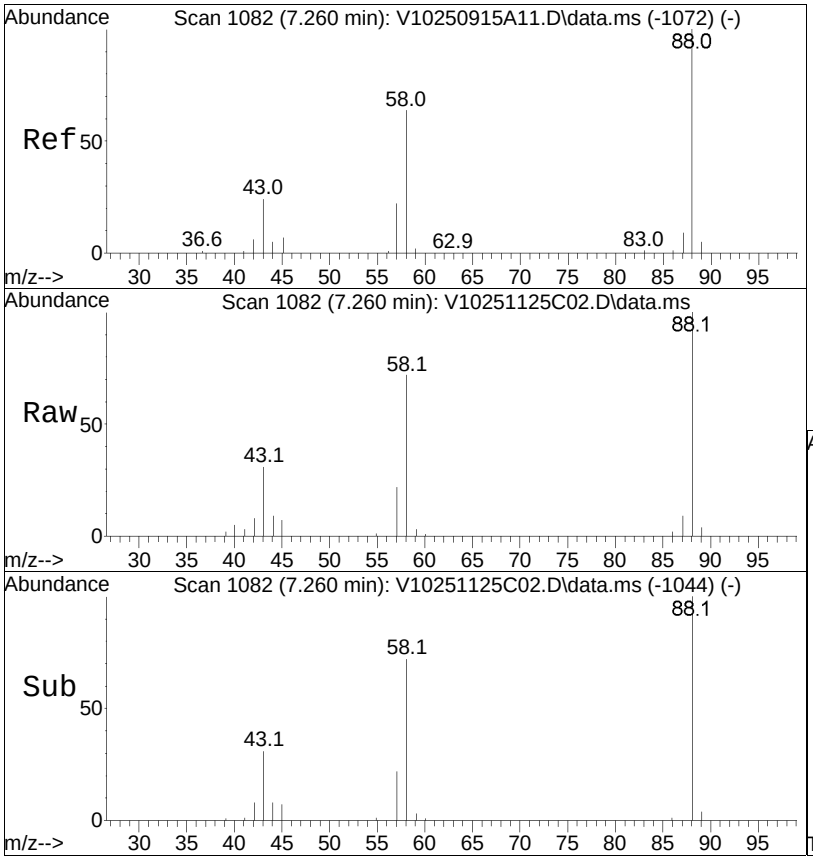


#54
Bromodichloromethane
Concen: 43.34 ug/L
RT: 7.040 min Scan# 1040
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 83 Resp: 164263

Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.9	76.3
127	9.1	6.3	9.5

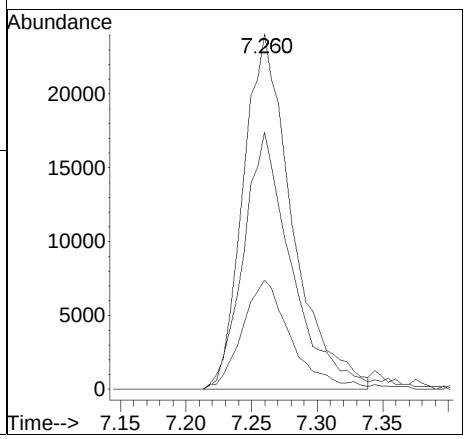


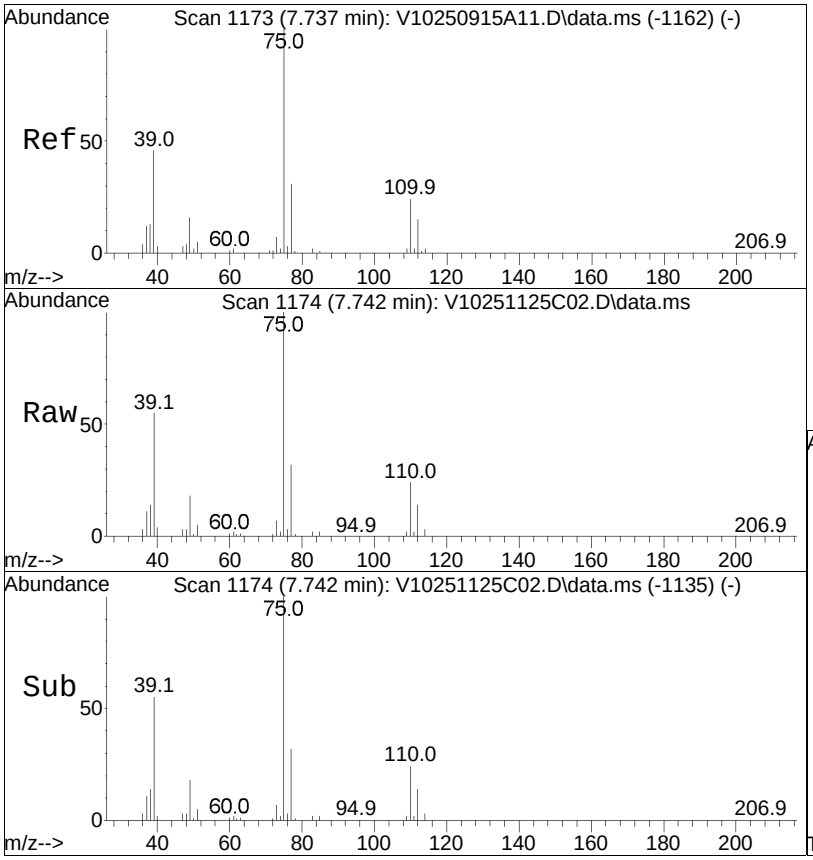


#57
1,4-Dioxane
Concen: 1935.47 ug/L
RT: 7.260 min Scan# 1082
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 88 Resp: 62817

Ion	Ratio	Lower	Upper
88	100		
58	72.3	55.4	83.0
43	30.5	24.7	37.1

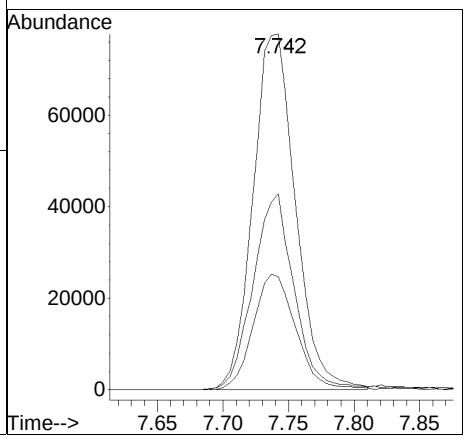


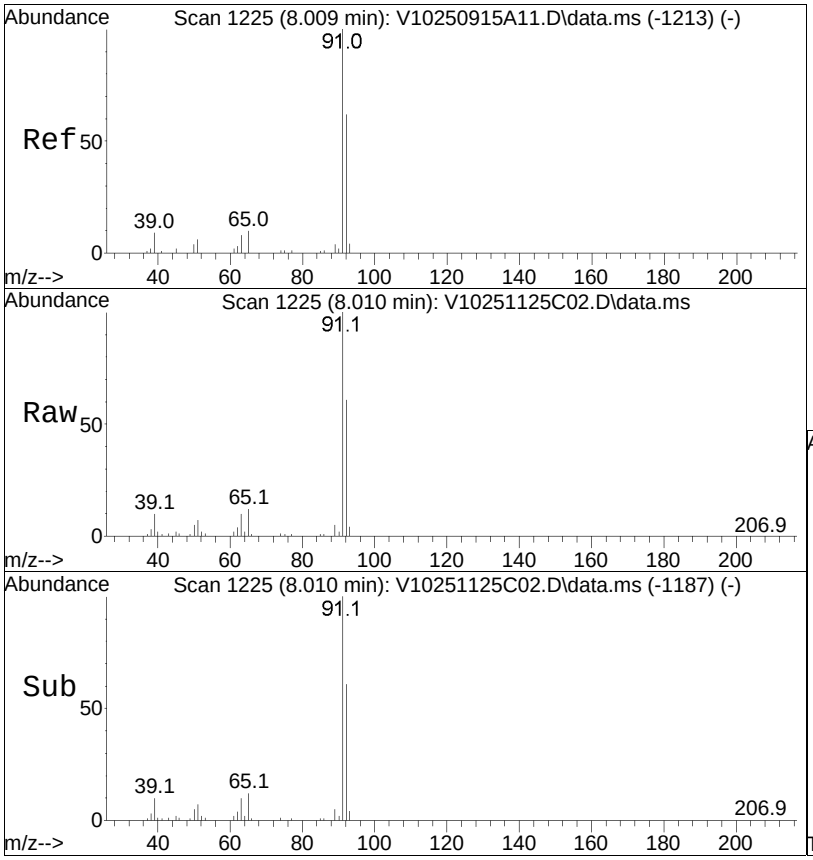


#58
cis-1,3-Dichloropropene
Concen: 40.52 ug/L
RT: 7.742 min Scan# 1174
Delta R.T. 0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 75 Resp: 174574

Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.2	36.4
39	53.8	45.8	68.8

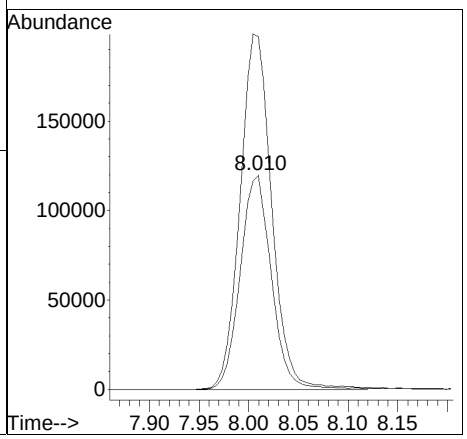


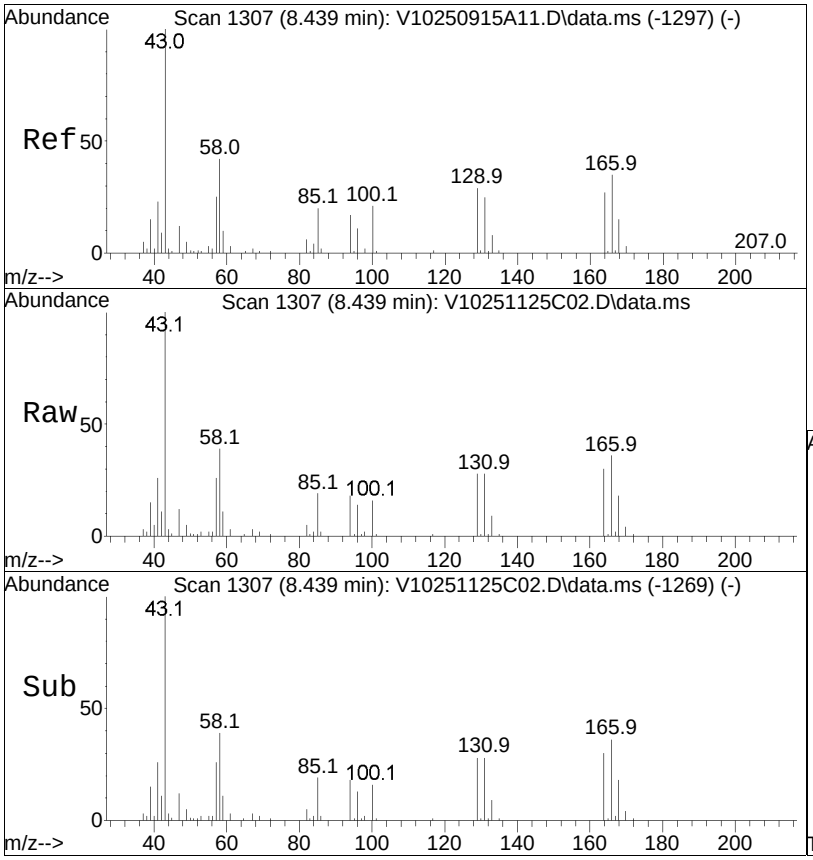


#61
Toluene
Concen: 39.07 ug/L
RT: 8.010 min Scan# 1225
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 92 Resp: 261286

Ion	Ratio	Lower	Upper
92	100		
91	168.6	134.9	202.3

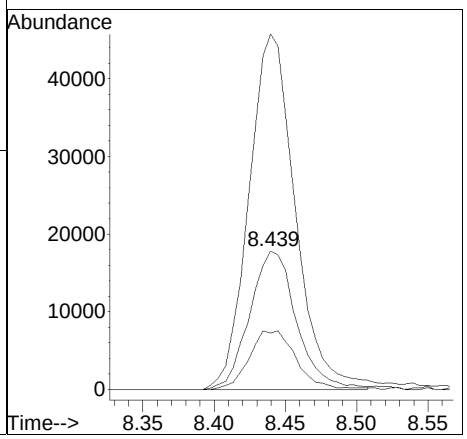


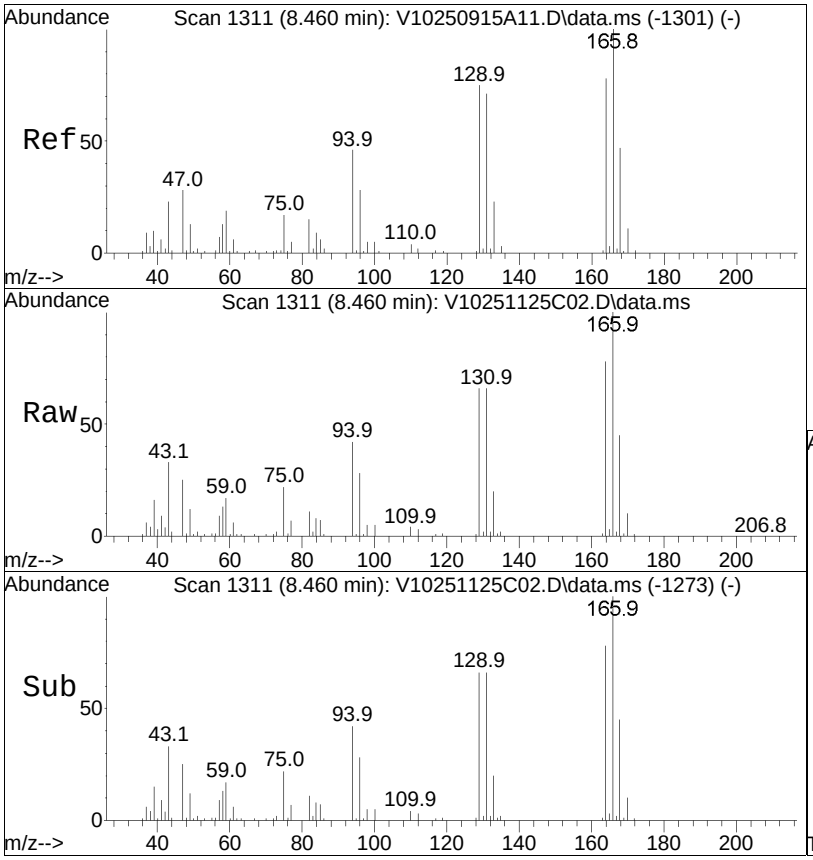


#62
4-Methyl-2-pentanone
Concen: 40.78 ug/L
RT: 8.439 min Scan# 1307
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 58 Resp: 40675

Ion	Ratio	Lower	Upper
58	100		
100	42.5	32.3	48.5
43	258.6	207.4	311.0

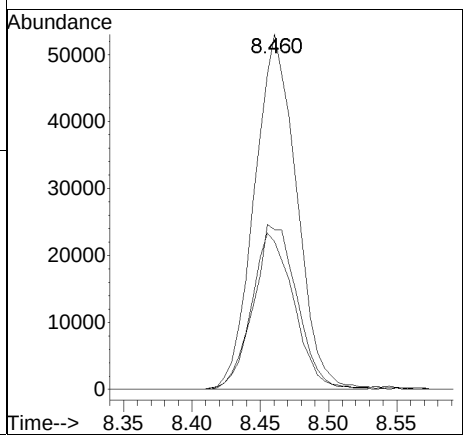


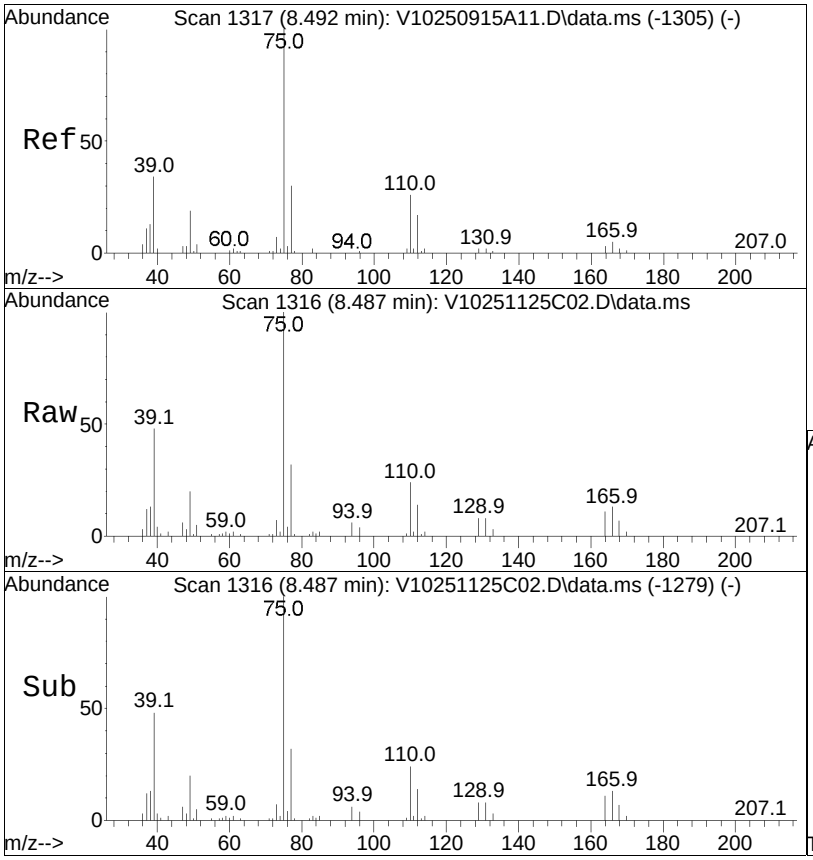


#63
Tetrachloroethene
Concen: 43.20 ug/L
RT: 8.460 min Scan# 1311
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:166 Resp: 113836

Ion	Ratio	Lower	Upper
166	100		
168	47.7	26.7	66.7
94	44.7	24.4	64.4

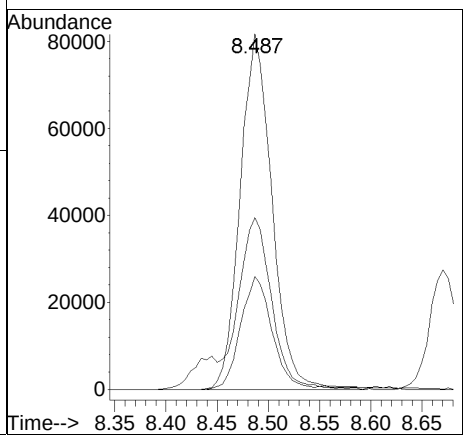


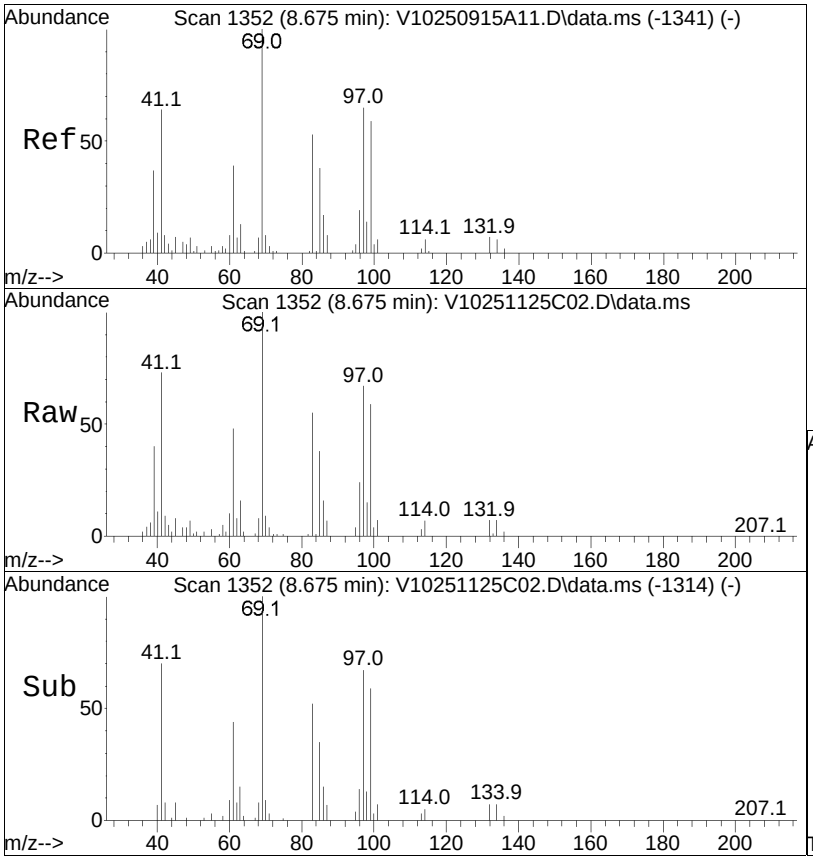


#65
trans-1,3-Dichloropropene
Concen: 45.79 ug/L
RT: 8.487 min Scan# 1316
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 75 Resp: 176824

Ion	Ratio	Lower	Upper
75	100		
77	31.8	11.0	51.0
39	49.0	38.3	78.3

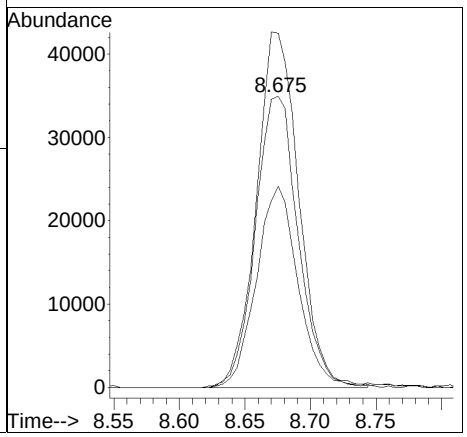


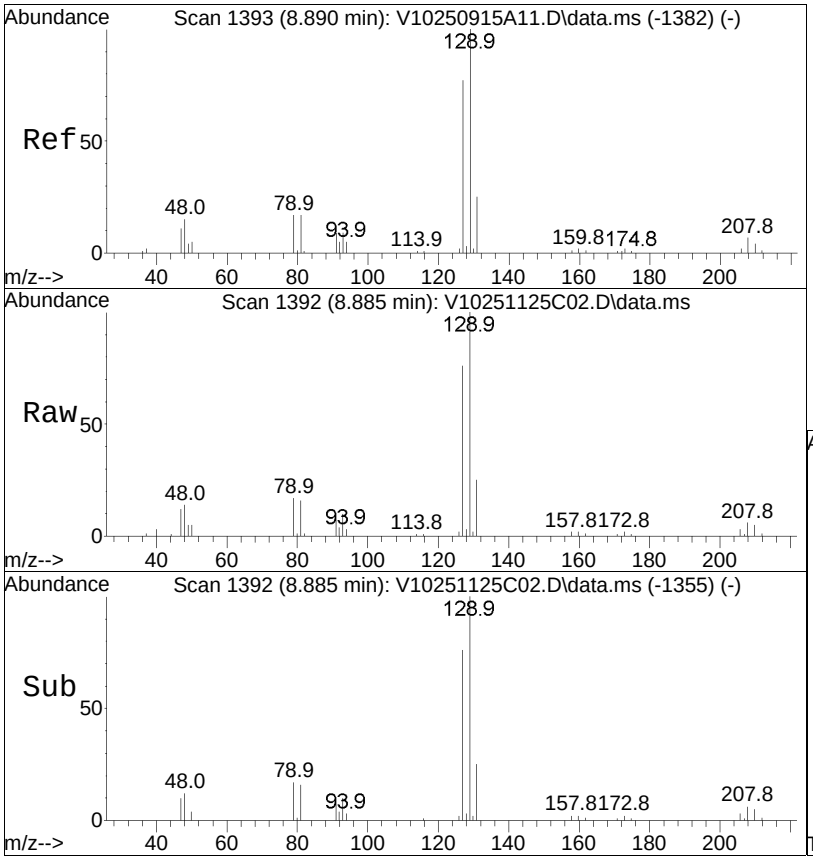


#68
1,1,2-Trichloroethane
Concen: 40.83 ug/L
RT: 8.675 min Scan# 1352
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 83 Resp: 79273

Ion	Ratio	Lower	Upper
83	100		
97	120.7	103.5	143.5
85	67.5	49.8	89.8

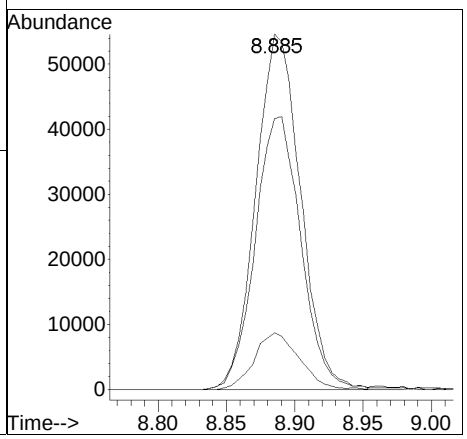


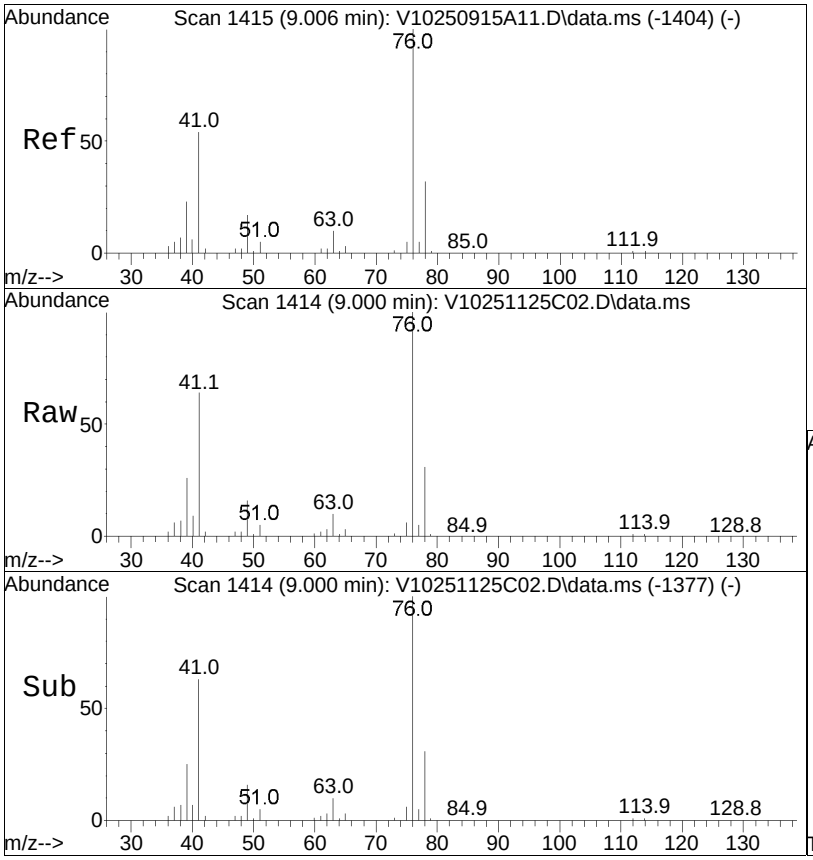


#69
Chlorodibromomethane
Concen: 43.84 ug/L
RT: 8.885 min Scan# 1392
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:129 Resp: 124701

Ion	Ratio	Lower	Upper
129	100		
81	16.0	0.0	38.1
127	78.3	56.5	96.5

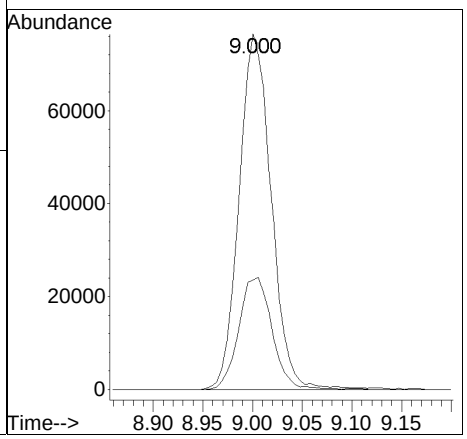


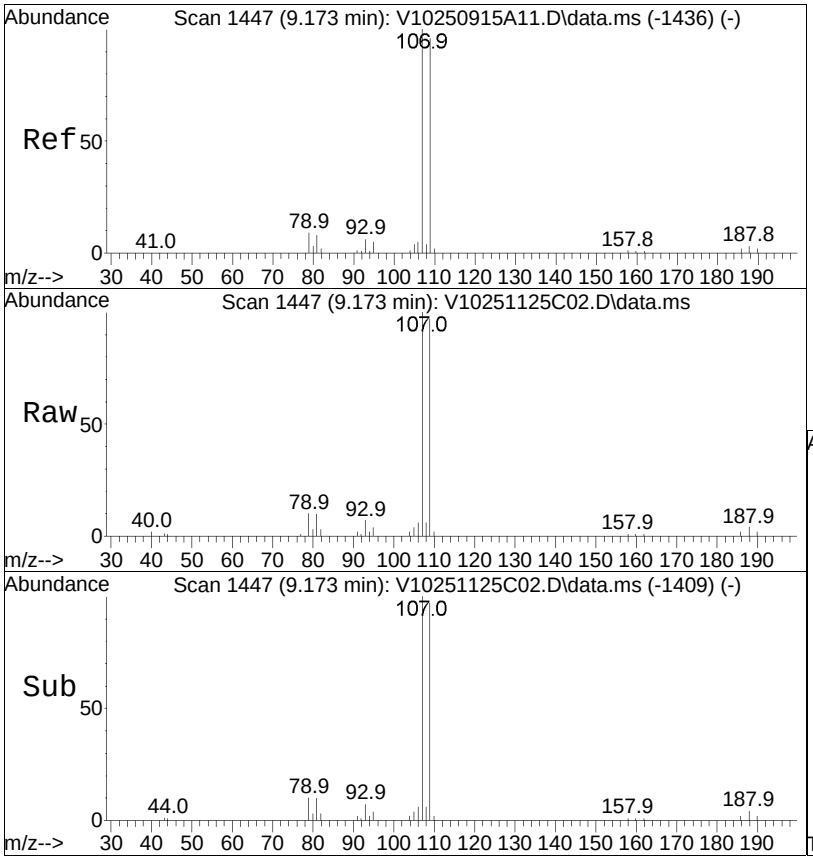


#70
1,3-Dichloropropane
Concen: 42.19 ug/L
RT: 9.000 min Scan# 1414
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 76 Resp: 171606

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.8

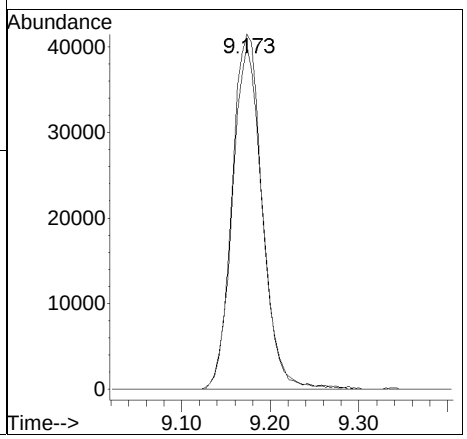


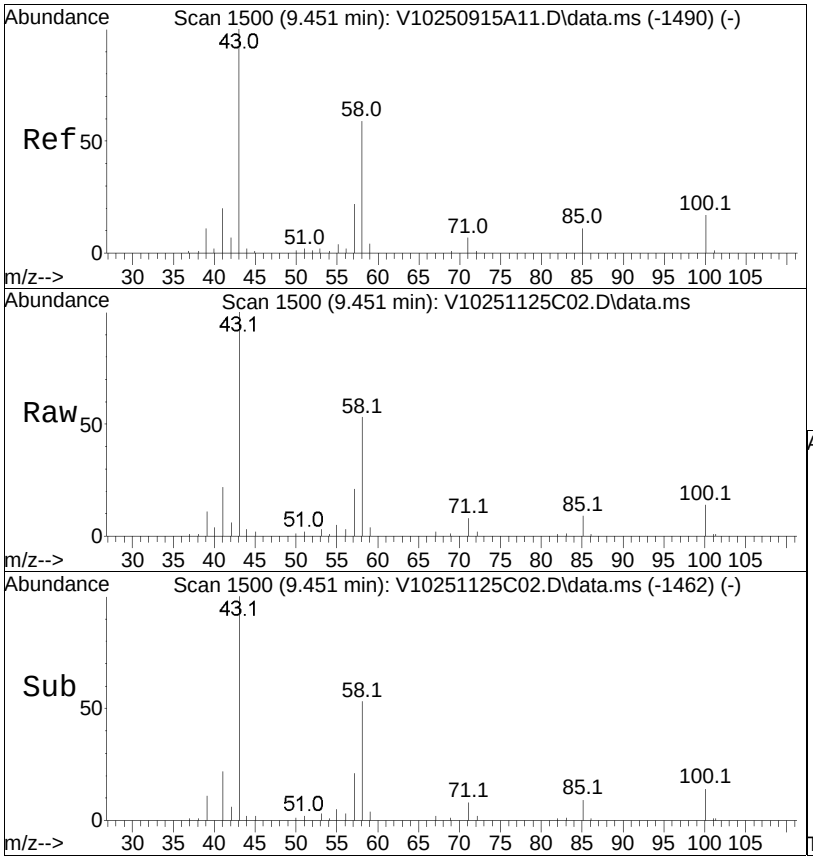


#71
1,2-Dibromoethane
Concen: 41.61 ug/L
RT: 9.173 min Scan# 1447
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:107 Resp: 99244

Ion	Ratio	Lower	Upper
107	100		
109	94.7	76.8	115.2

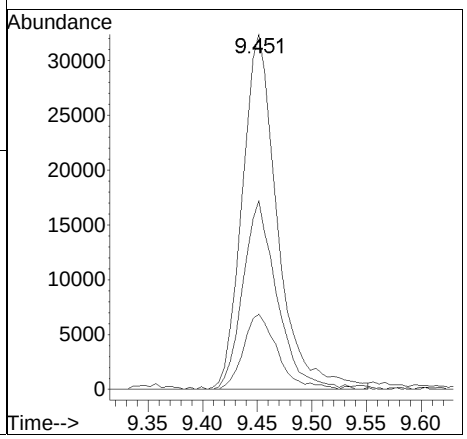


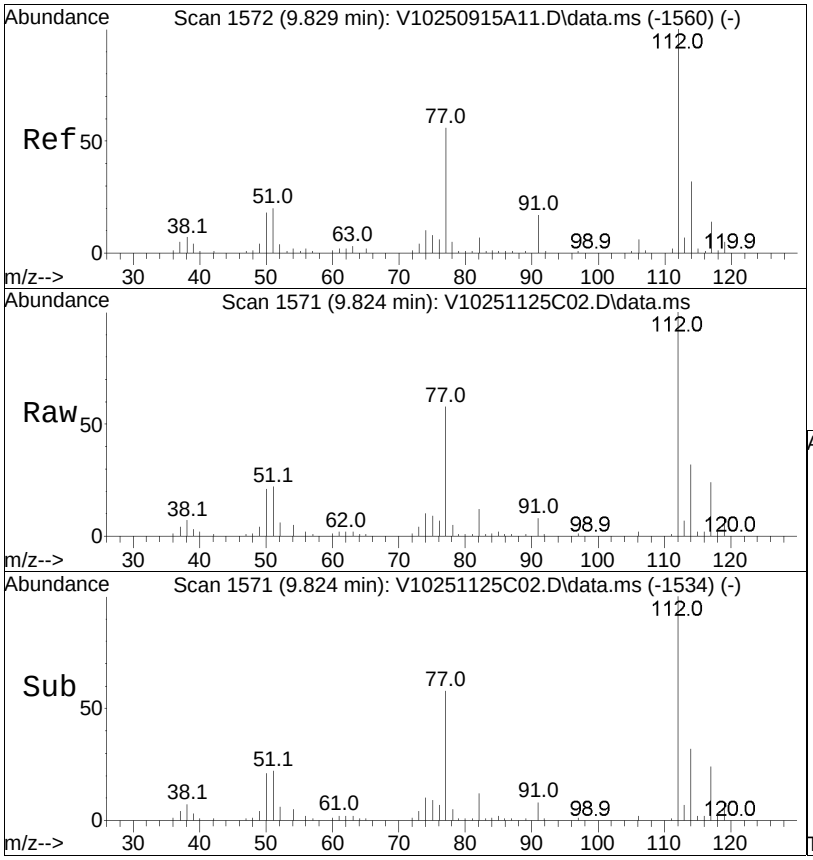


#72
2-Hexanone
Concen: 37.32 ug/L
RT: 9.451 min Scan# 1500
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 43 Resp: 72926

Ion	Ratio	Lower	Upper
43	100		
58	51.2	43.0	64.4
57	20.6	14.6	21.8

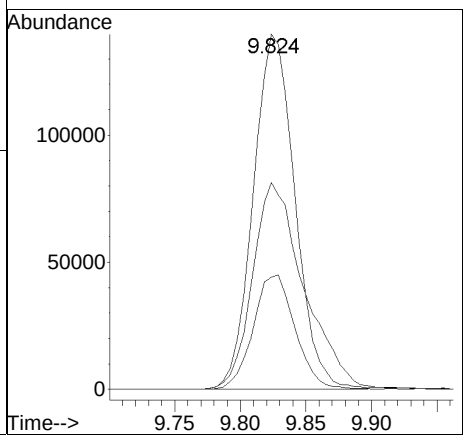


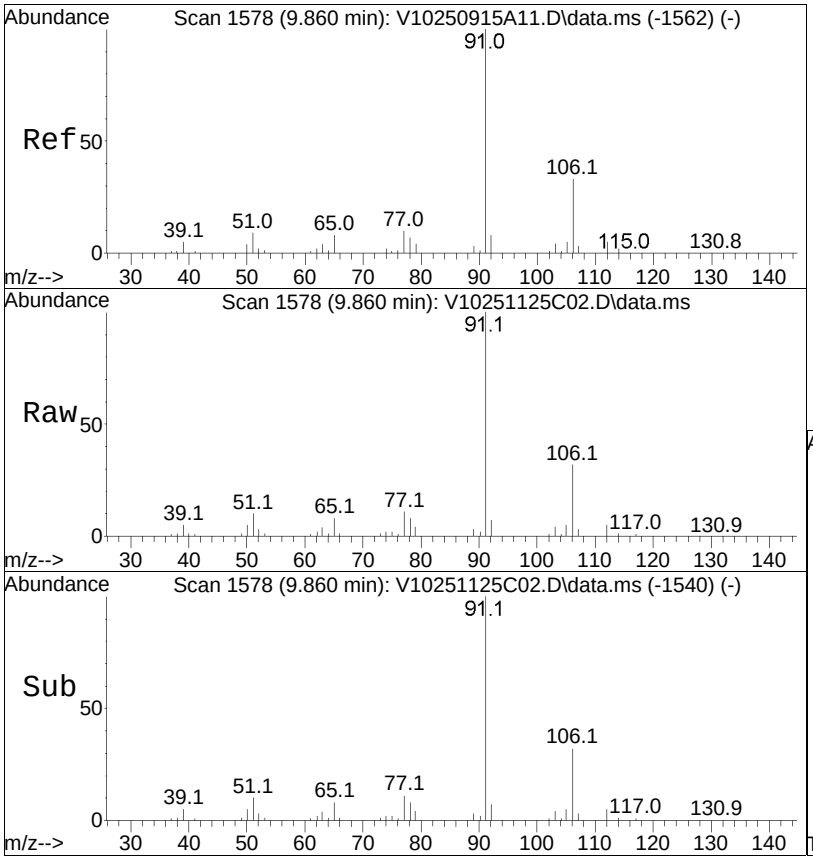


#73
Chlorobenzene
Concen: 40.25 ug/L
RT: 9.824 min Scan# 1571
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:112 Resp: 308982

Ion	Ratio	Lower	Upper
112	100		
77	72.1	47.0	70.6#
114	32.5	26.2	39.2

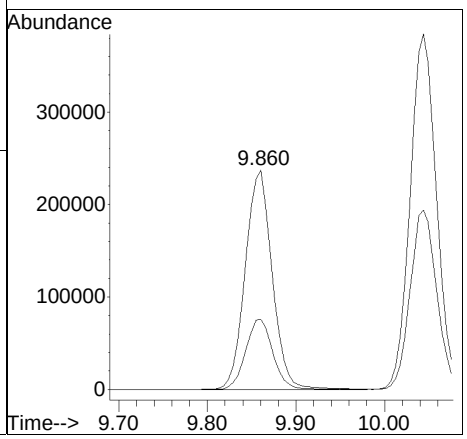


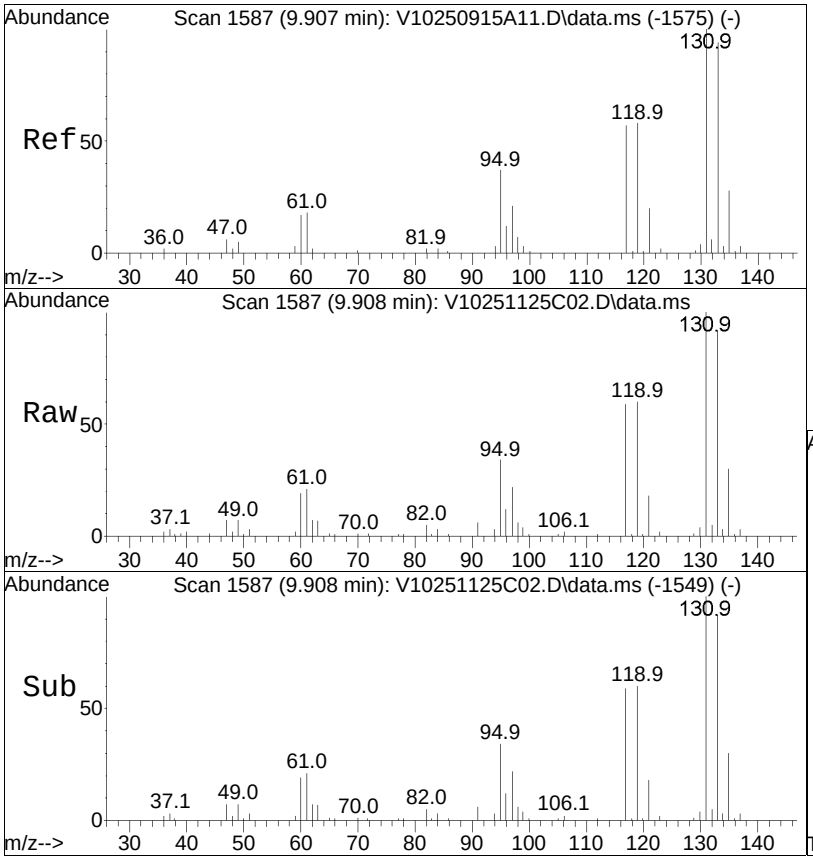


#74
Ethylbenzene
Concen: 39.07 ug/L
RT: 9.860 min Scan# 1578
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 91 Resp: 500593

Ion	Ratio	Lower	Upper
91	100		
106	32.0	24.7	37.1

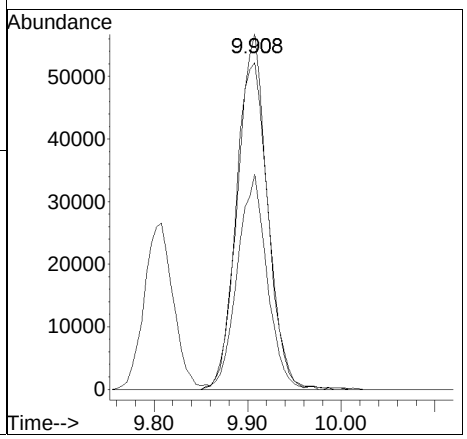


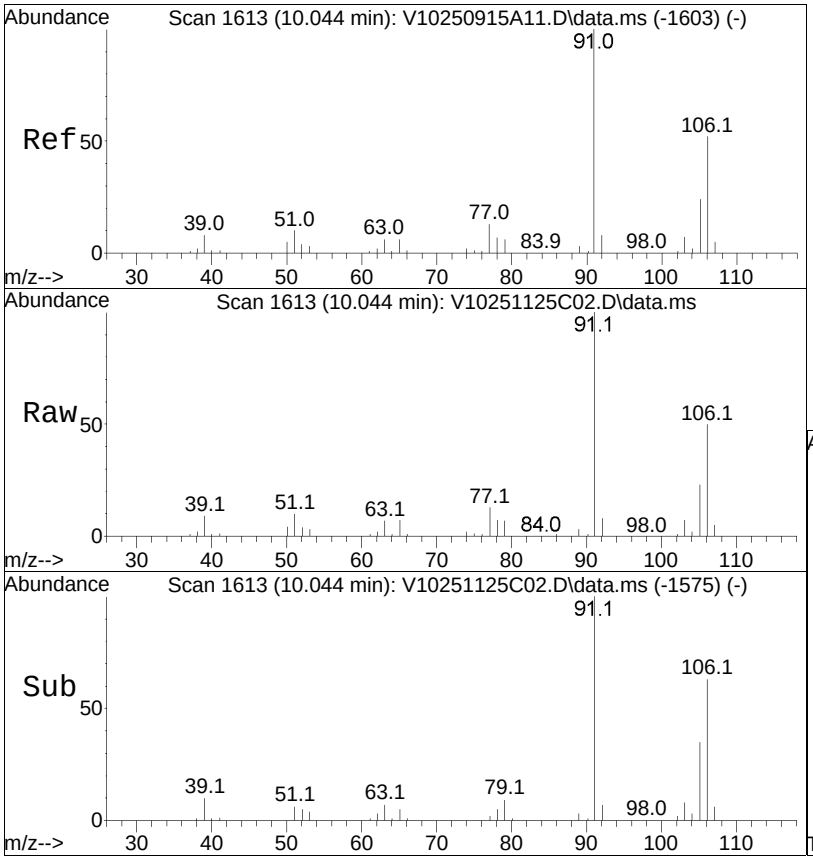


#75
1,1,1,2-Tetrachloroethane
Concen: 46.44 ug/L
RT: 9.908 min Scan# 1587
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:131 Resp: 128714

Ion	Ratio	Lower	Upper
131	100		
133	95.4	74.6	114.6
119	58.8	47.7	87.7

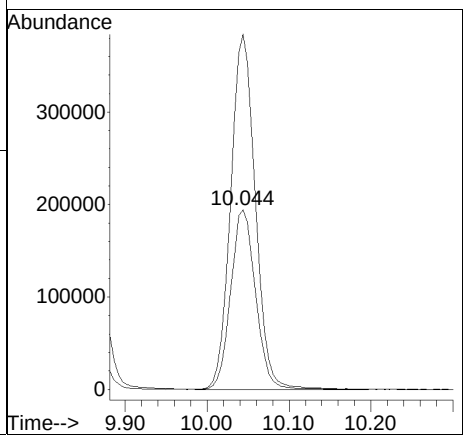


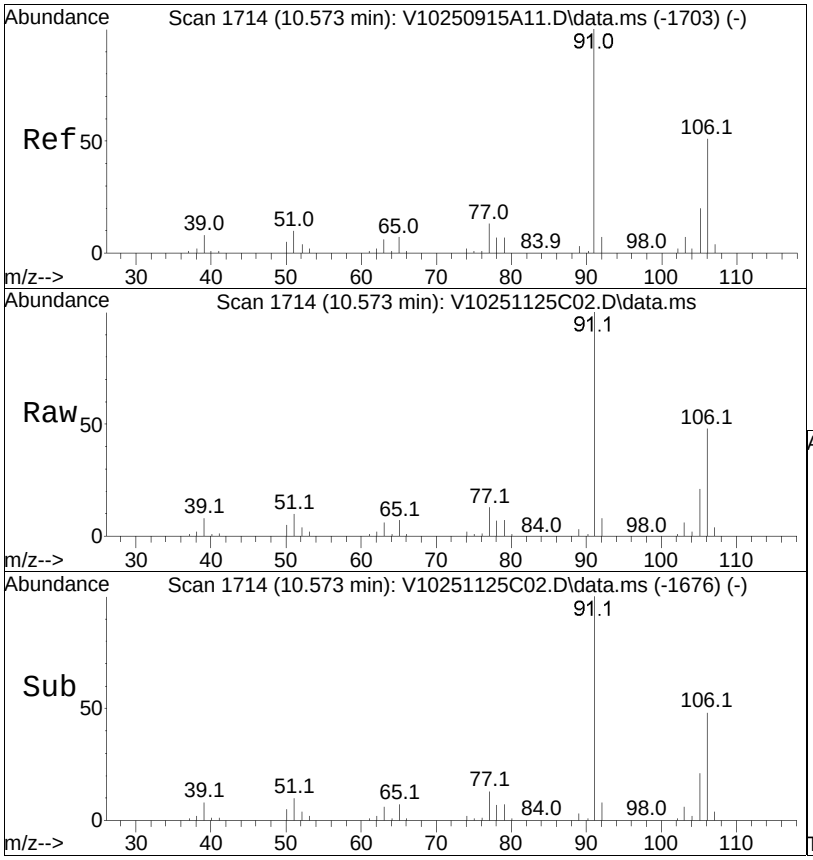


#76
p/m Xylene
Concen: 79.73 ug/L
RT: 10.044 min Scan# 1613
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:106 Resp: 409279

Ion	Ratio	Lower	Upper
106	100		
91	195.1	158.2	237.2

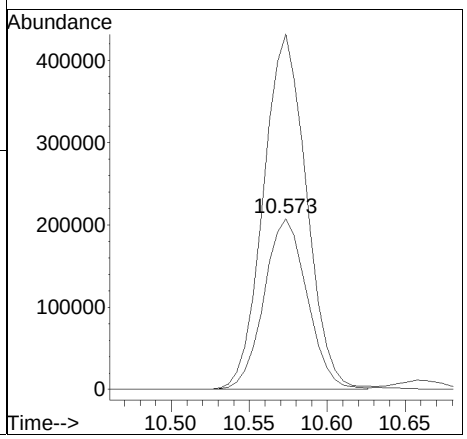


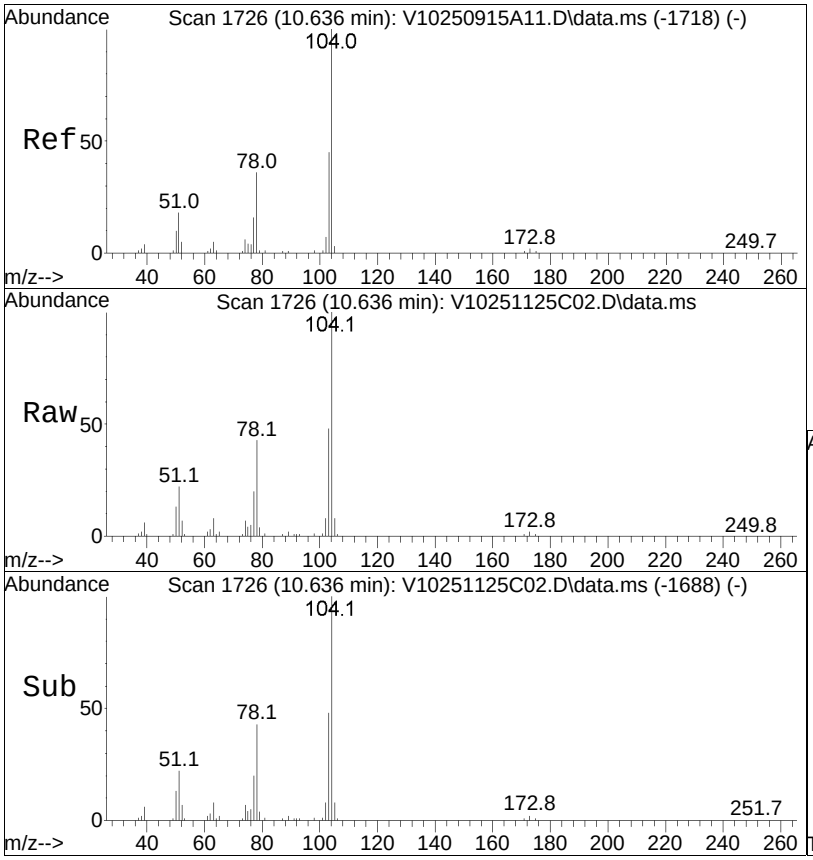


#77
o Xylene
Concen: 78.01 ug/L
RT: 10.573 min Scan# 1714
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:106 Resp: 398174

Ion	Ratio	Lower	Upper
106	100		
91	208.5	167.9	251.9

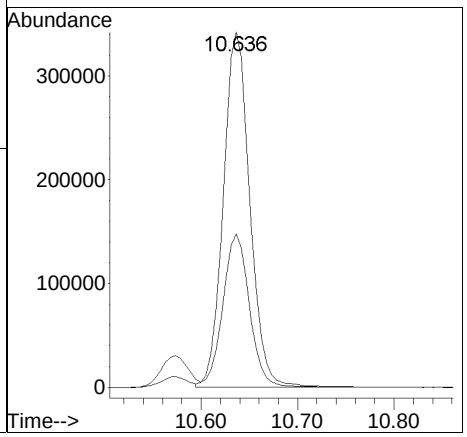


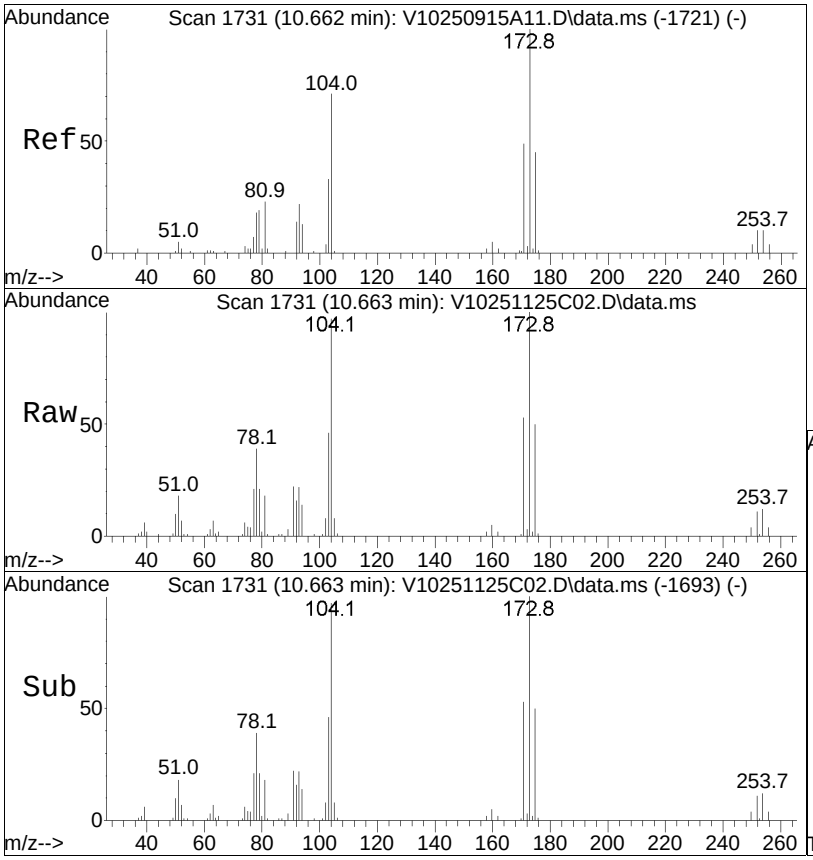


#78
Styrene
Concen: 75.97 ug/L
RT: 10.636 min Scan# 1726
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:104 Resp: 653722

Ion	Ratio	Lower	Upper
104	100		
78	43.1	33.9	50.9

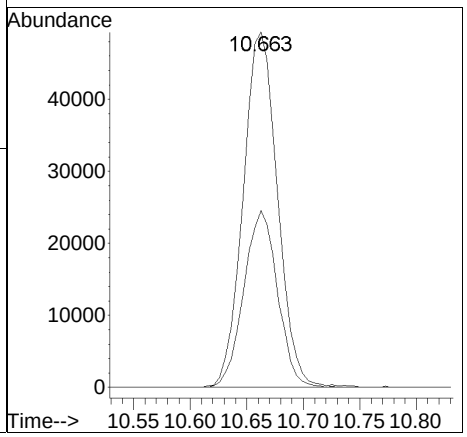


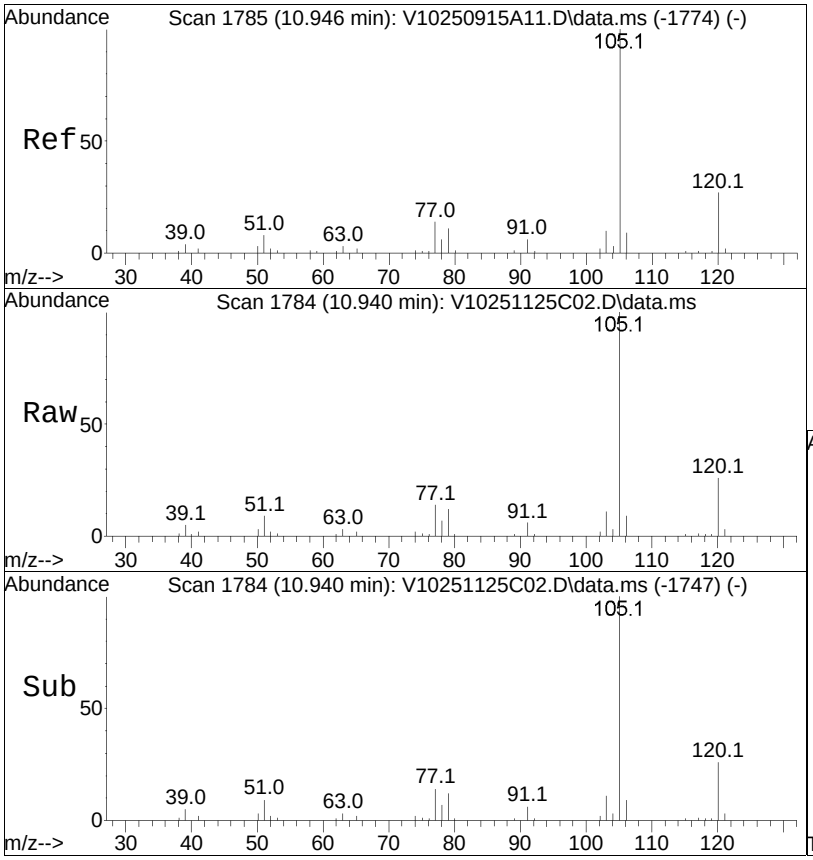


#80
Bromoform
Concen: 48.48 ug/L
RT: 10.663 min Scan# 1731
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:173 Resp: 104482

Ion	Ratio	Lower	Upper
173	100		
175	48.8	29.4	69.4

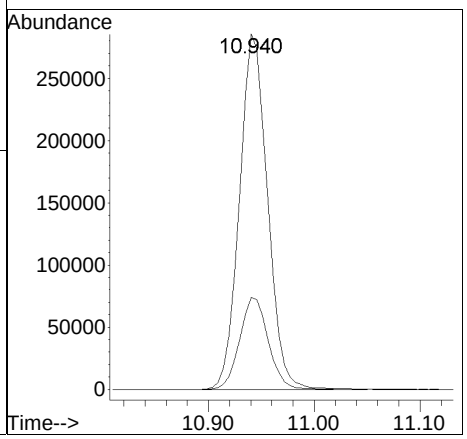


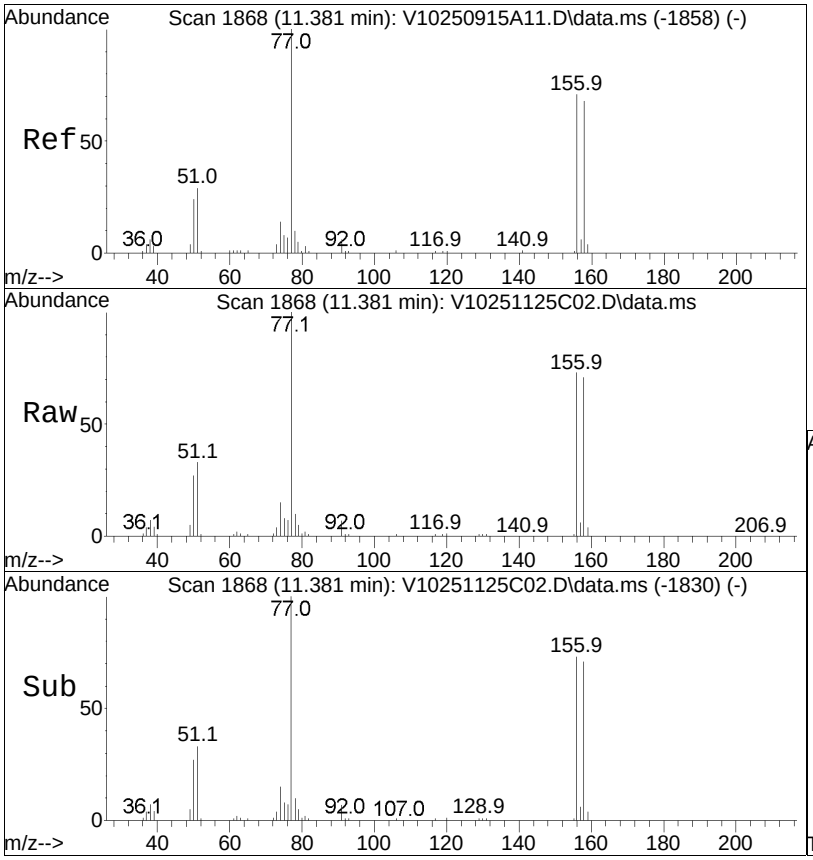


#82
Isopropylbenzene
Concen: 38.83 ug/L
RT: 10.940 min Scan# 1784
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:105 Resp: 526182

Ion	Ratio	Lower	Upper
105	100		
120	26.3	6.7	46.7

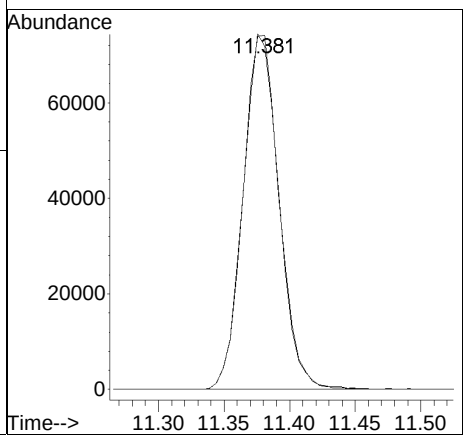


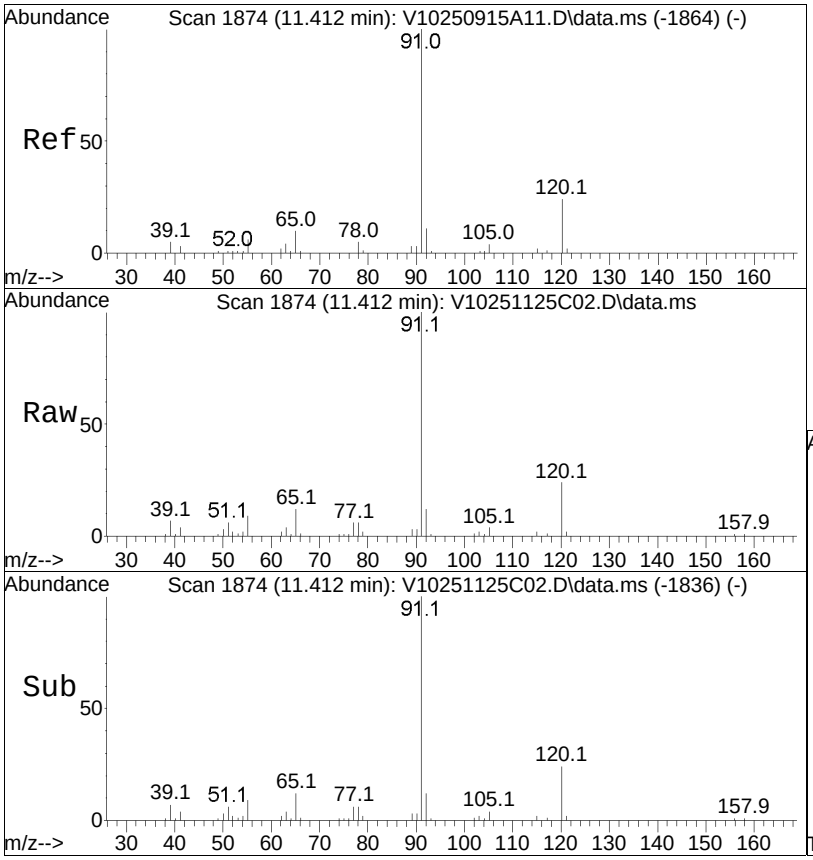


#84
Bromobenzene
Concen: 38.99 ug/L
RT: 11.381 min Scan# 1868
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:156 Resp: 142621

Ion	Ratio	Lower	Upper
156	100		
158	98.4	76.2	114.4

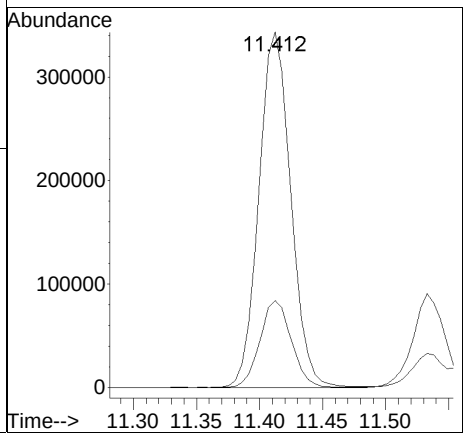


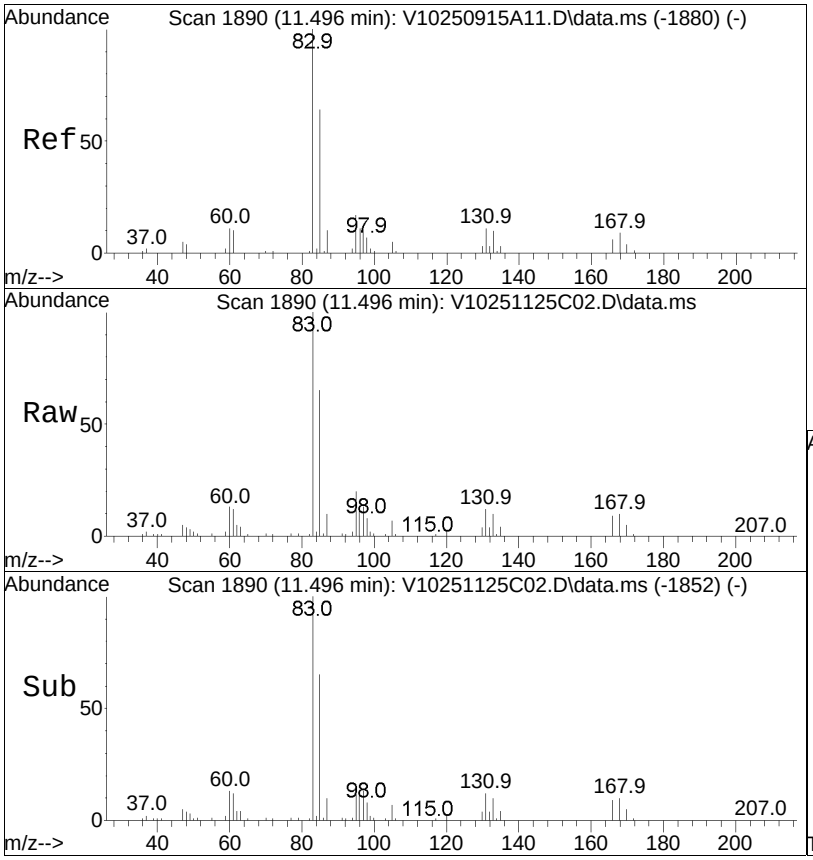


#85
n-Propylbenzene
Concen: 38.51 ug/L
RT: 11.412 min Scan# 1874
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 91 Resp: 602905

Ion	Ratio	Lower	Upper
91	100		
120	24.1	18.7	28.1

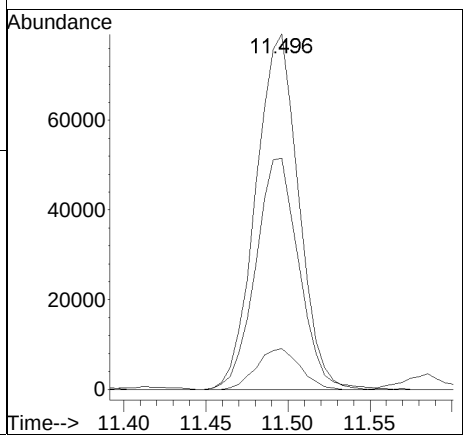


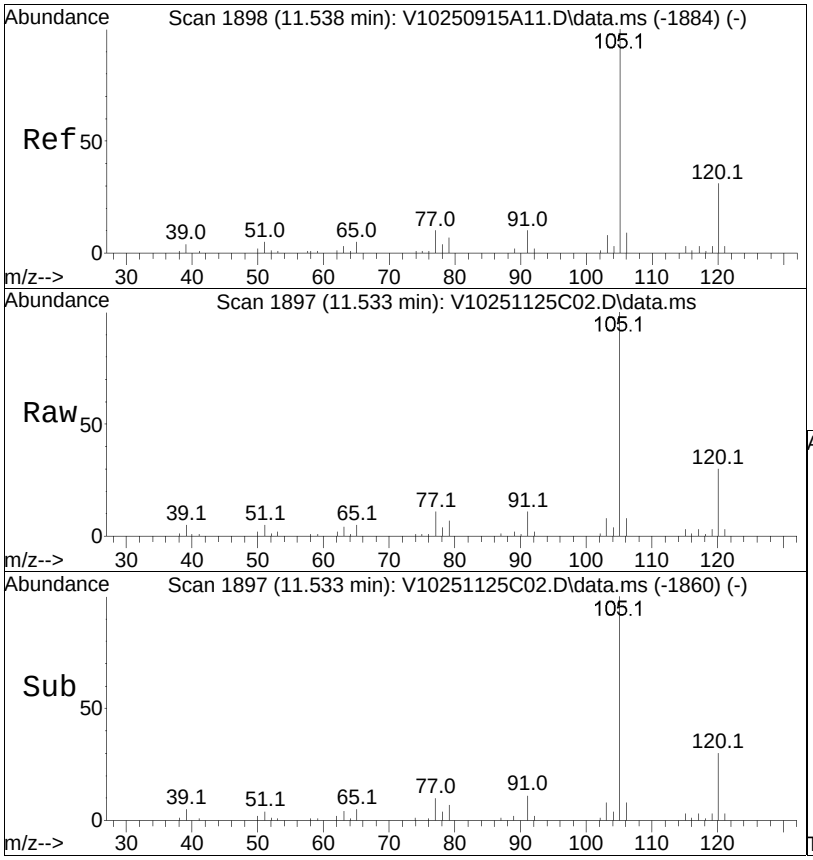


#87
1,1,2,2-Tetrachloroethane
Concen: 38.90 ug/L
RT: 11.496 min Scan# 1890
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 83 Resp: 143764

Ion	Ratio	Lower	Upper
83	100		
131	11.7	0.0	29.3
85	66.0	42.1	82.1

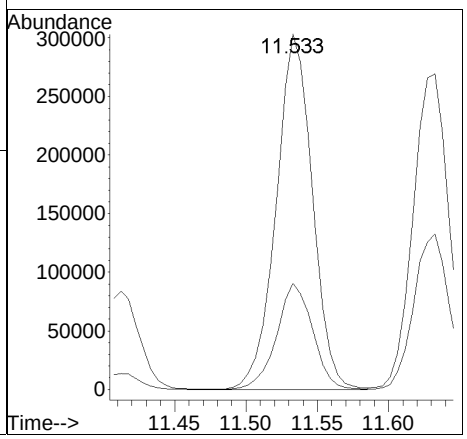


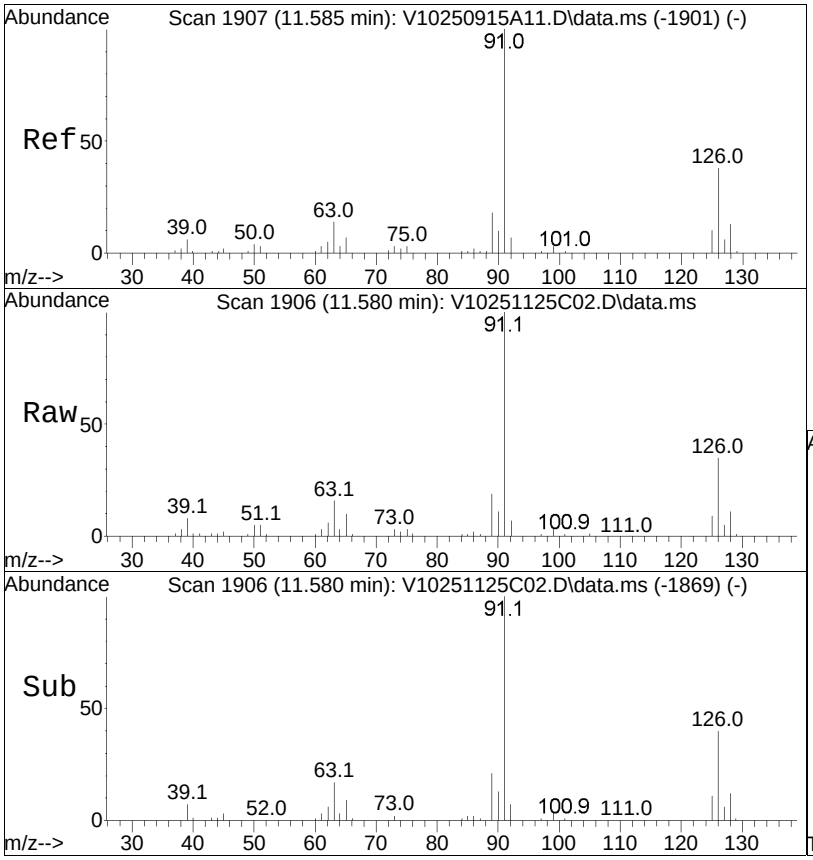


#88
4-Ethyltoluene
Concen: 38.76 ug/L
RT: 11.533 min Scan# 1897
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:105 Resp: 536000

Ion	Ratio	Lower	Upper
105	100		
120	29.6	19.8	41.2

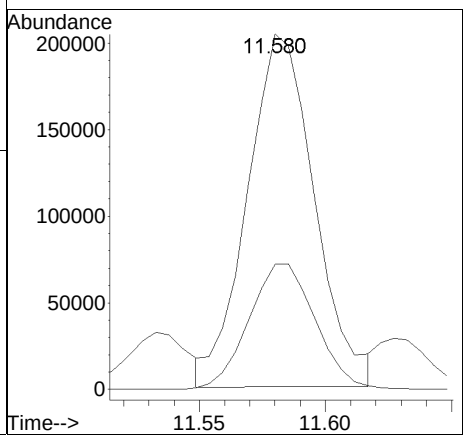


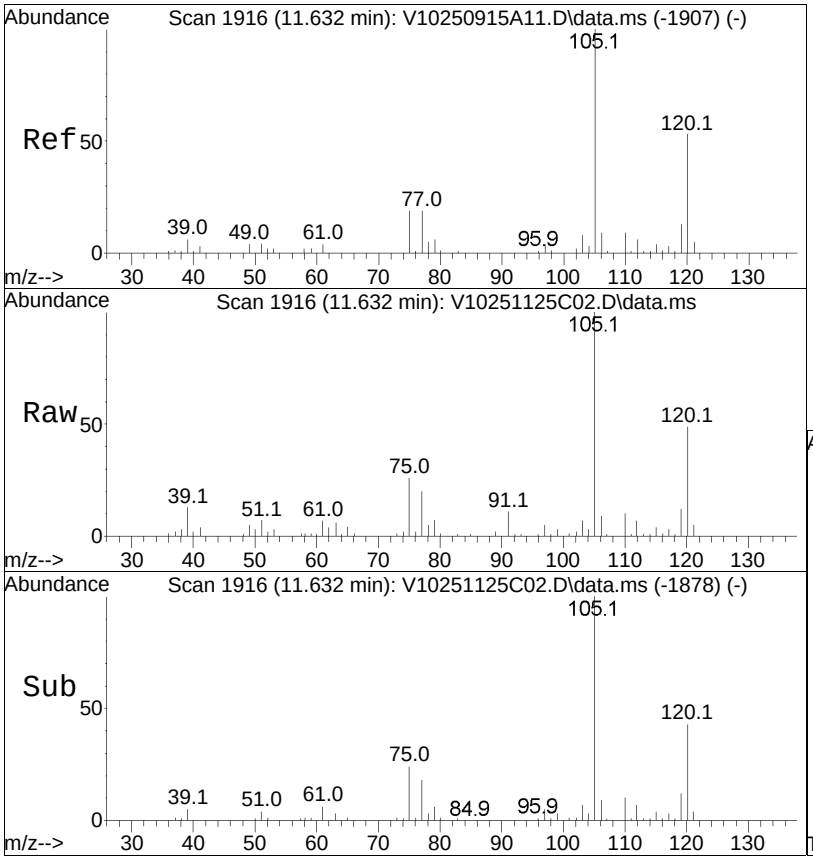


#89
2-Chlorotoluene
Concen: 39.32 ug/L
RT: 11.580 min Scan# 1906
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 91 Resp: 376784

Ion	Ratio	Lower	Upper
91	100		
126	35.3	25.9	38.9

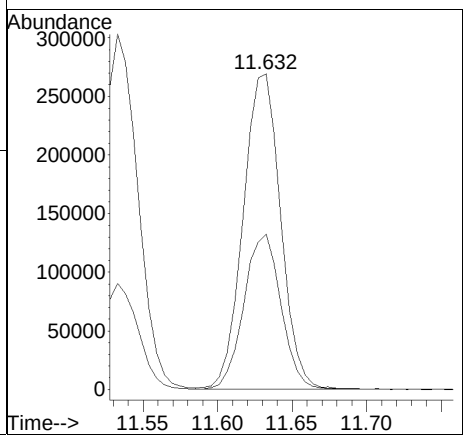


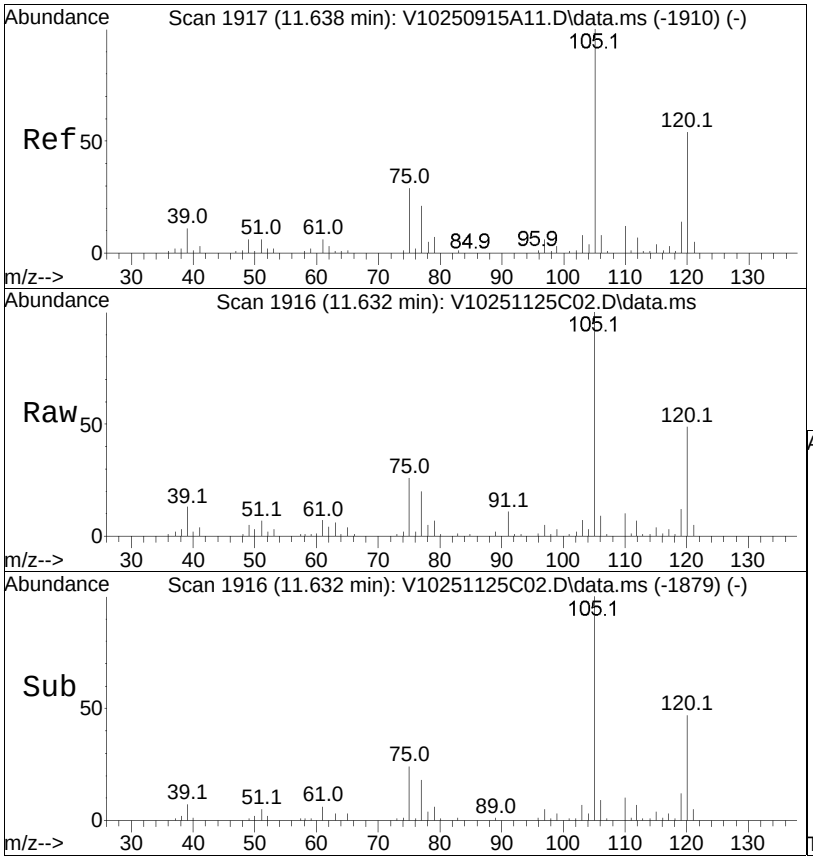


#90
1,3,5-Trimethylbenzene
Concen: 39.91 ug/L
RT: 11.632 min Scan# 1916
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:105 Resp: 471006

Ion	Ratio	Lower	Upper
105	100		
120	48.8	41.0	61.4

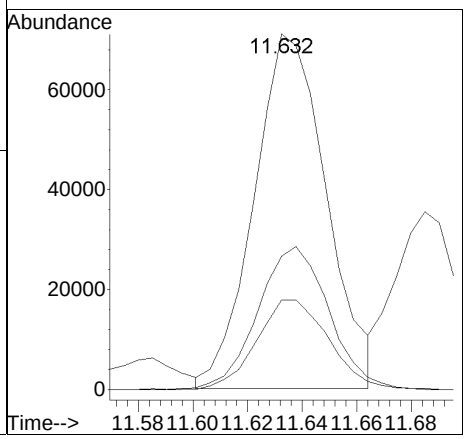


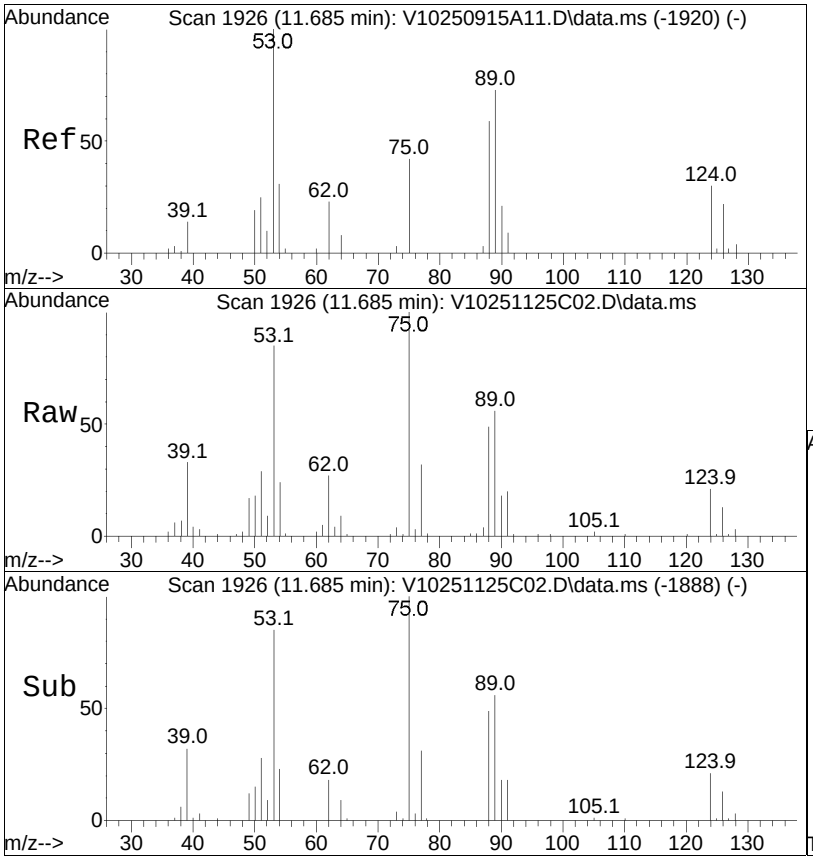


#91
1,2,3-Trichloropropane
Concen: 43.87 ug/L
RT: 11.632 min Scan# 1916
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 75 Resp: 130671

Ion	Ratio	Lower	Upper
75	100		
110	39.5	24.3	50.5
112	25.2	16.0	33.2

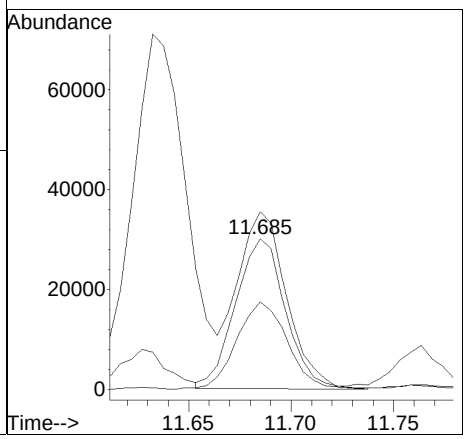


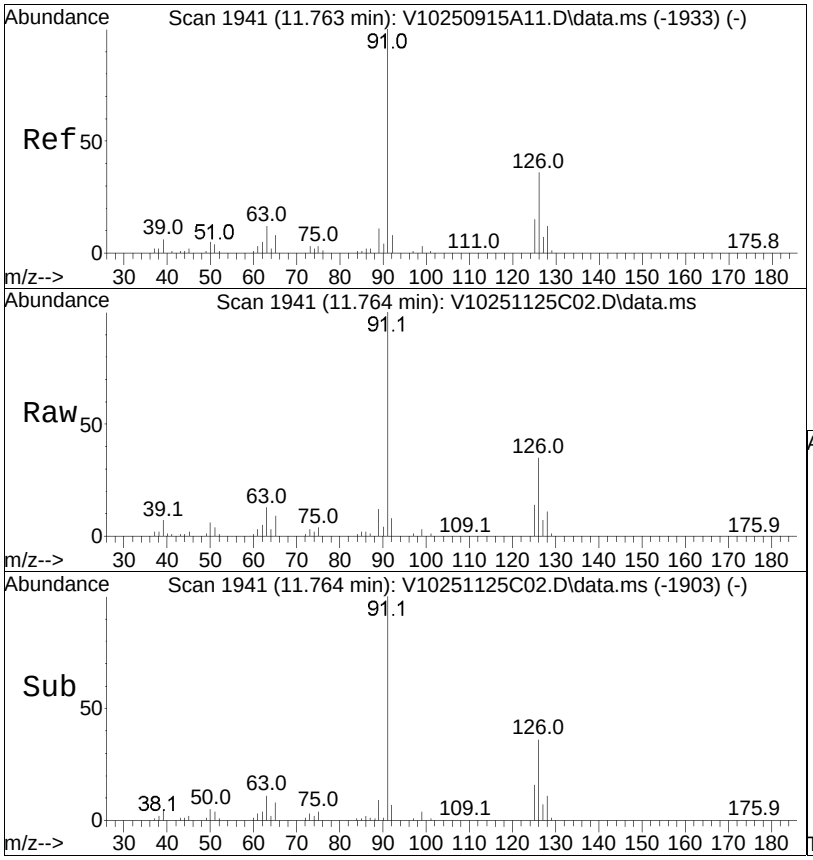


#92
trans-1,4-Dichloro-2-butene
Concen: 47.48 ug/L
RT: 11.685 min Scan# 1926
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 53 Resp: 50970

Ion	Ratio	Lower	Upper
53	100		
88	59.3	39.1	58.7#
75	115.0	101.6	152.4

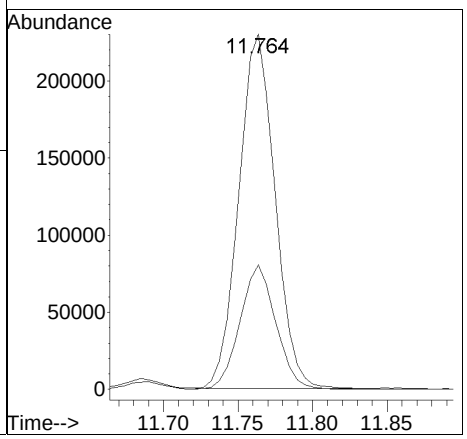


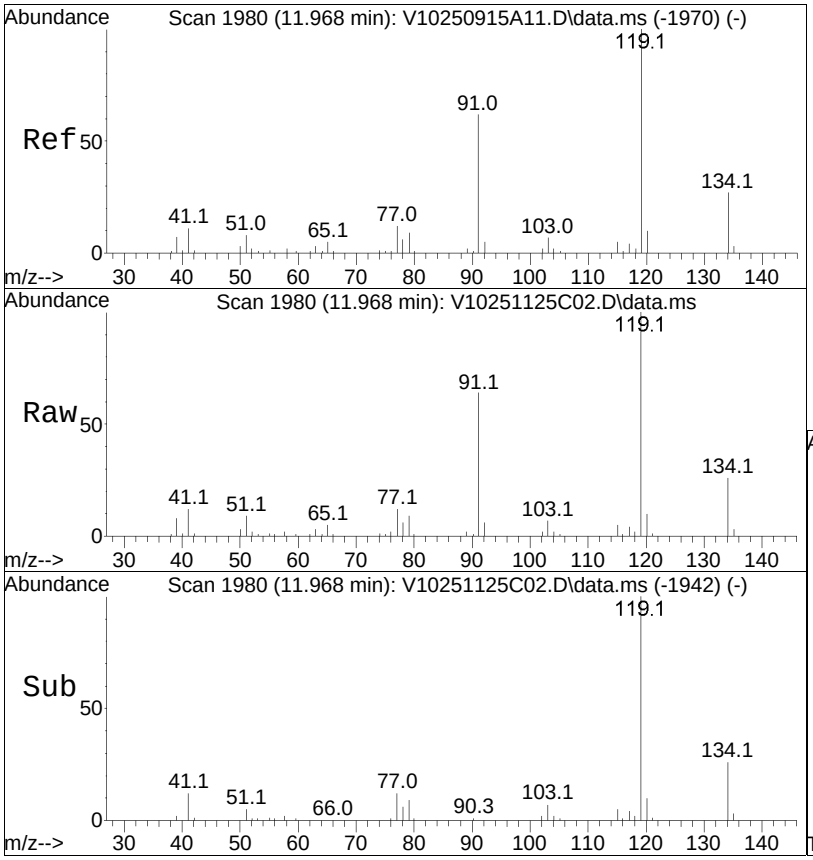


#93
4-Chlorotoluene
Concen: 38.58 ug/L
RT: 11.764 min Scan# 1941
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 91 Resp: 389484

Ion	Ratio	Lower	Upper
91	100		
126	34.8	26.4	39.6

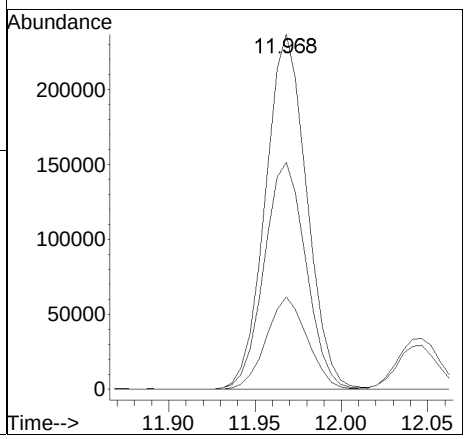


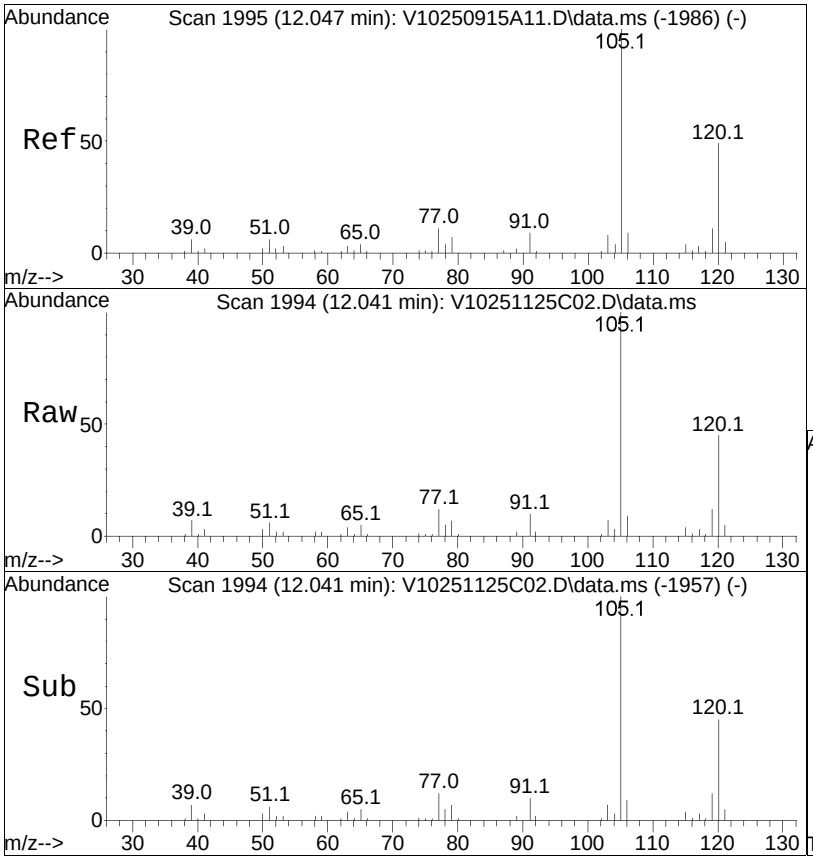


#94
tert-Butylbenzene
Concen: 38.73 ug/L
RT: 11.968 min Scan# 1980
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:119 Resp: 394802

Ion	Ratio	Lower	Upper
119	100		
91	64.6	49.0	73.4
134	25.9	20.0	30.0

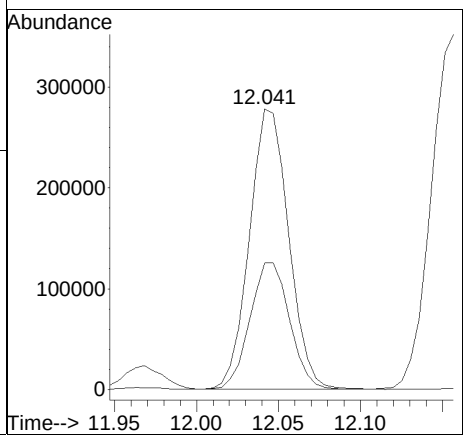


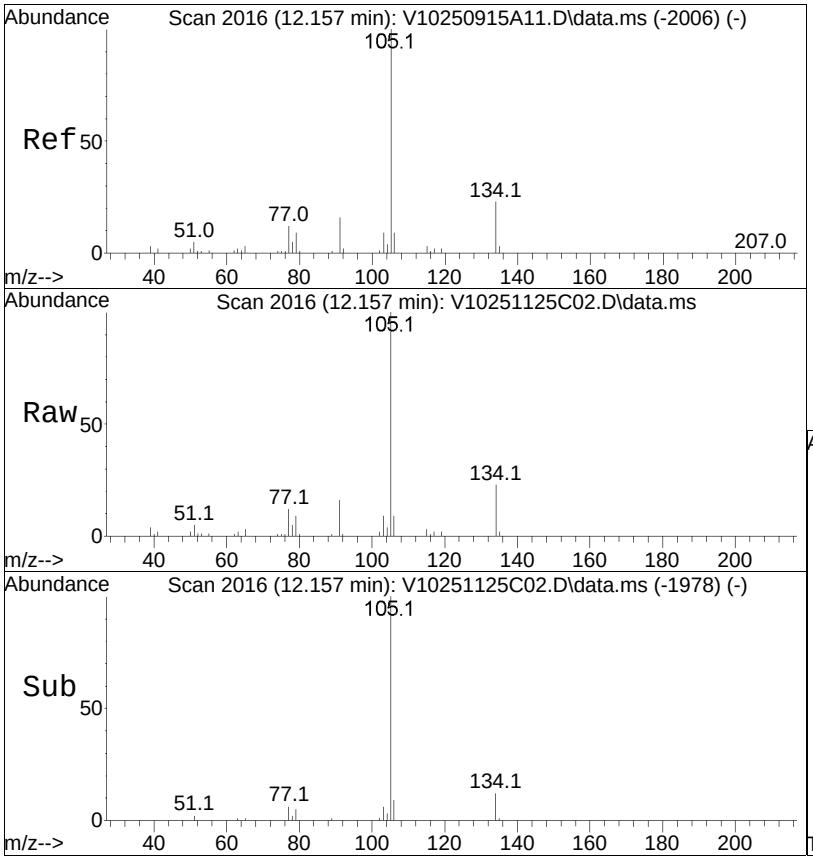


#97
1,2,4-Trimethylbenzene
Concen: 39.80 ug/L
RT: 12.041 min Scan# 1994
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:105 Resp: 463368

Ion	Ratio	Lower	Upper
105	100		
120	45.8	37.8	56.6

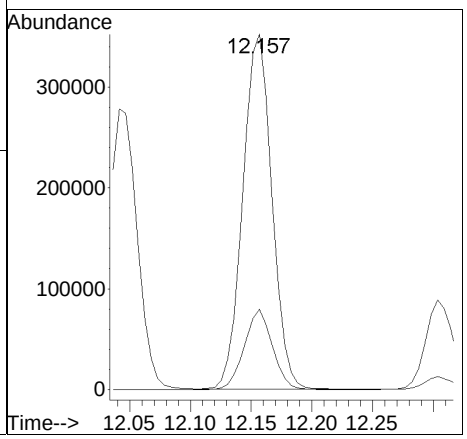


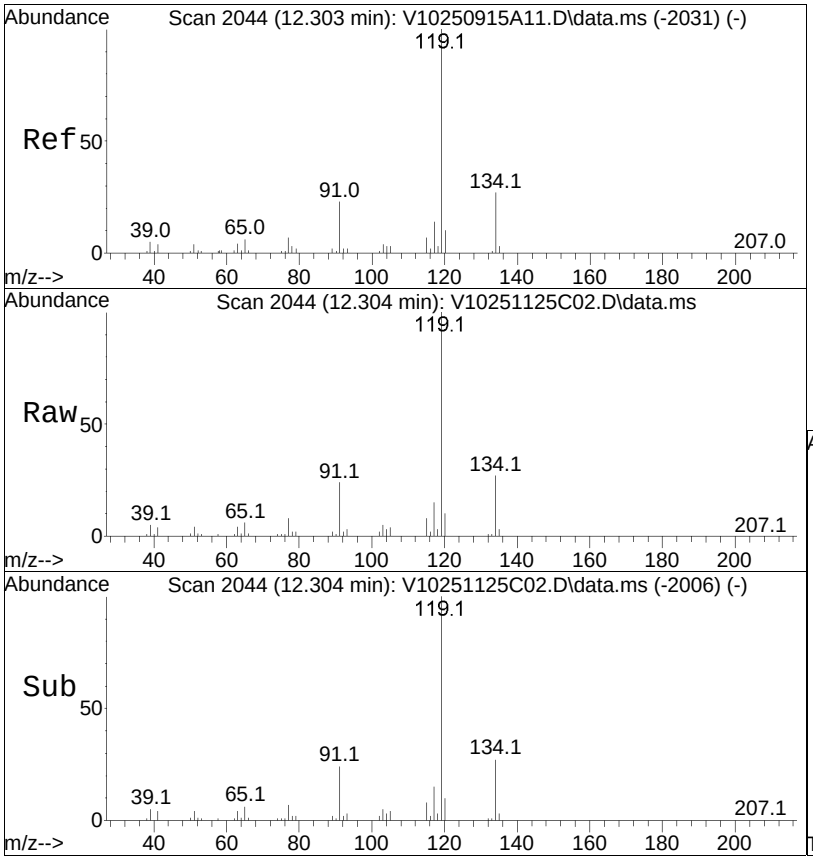


#98
sec-Butylbenzene
Concen: 39.89 ug/L
RT: 12.157 min Scan# 2016
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:105 Resp: 588150

Ion	Ratio	Lower	Upper
105	100		
134	21.5	13.0	27.0

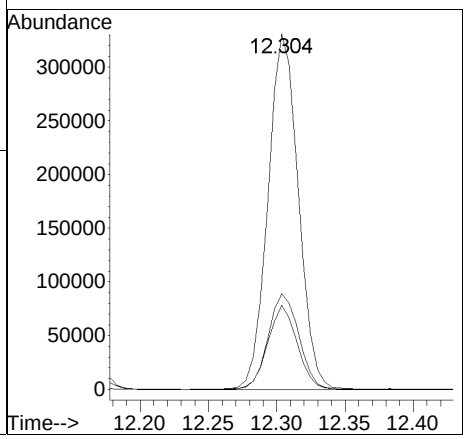


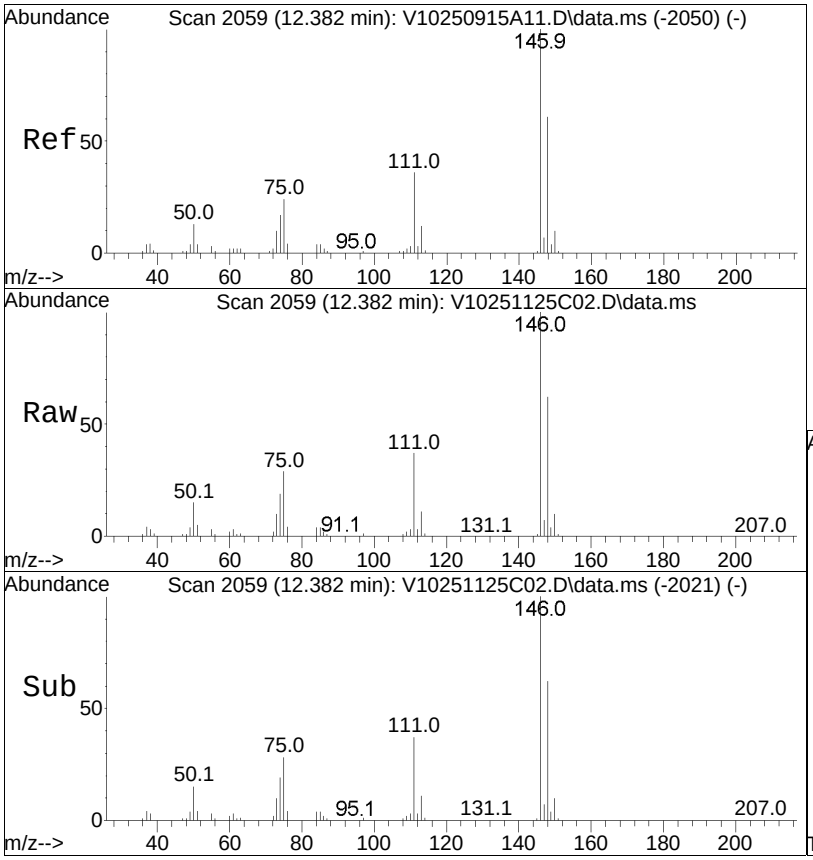


#99
p-Isopropyltoluene
Concen: 38.64 ug/L
RT: 12.304 min Scan# 2044
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:119 Resp: 511539

Ion	Ratio	Lower	Upper
119	100		
134	27.2	16.7	34.7
91	23.1	15.1	31.3

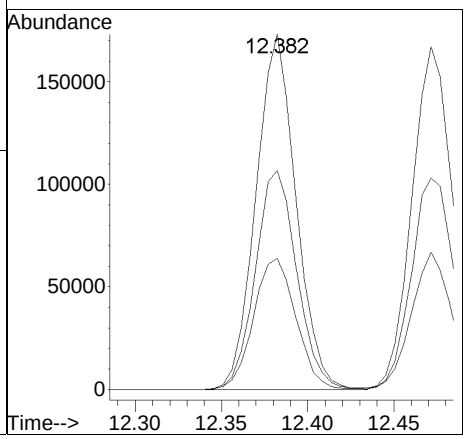


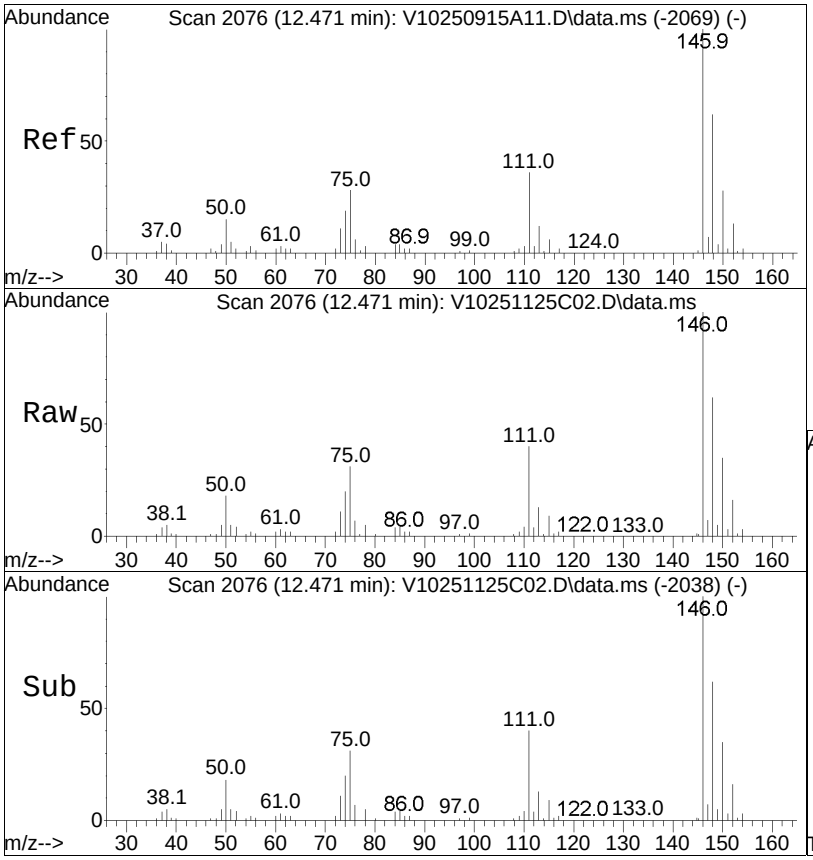


#100
1,3-Dichlorobenzene
Concen: 39.51 ug/L
RT: 12.382 min Scan# 2059
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:146 Resp: 279171

Ion	Ratio	Lower	Upper
146	100		
111	39.0	26.5	55.1
148	63.7	41.5	86.1

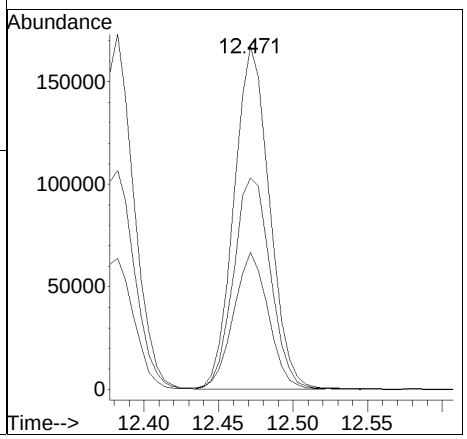


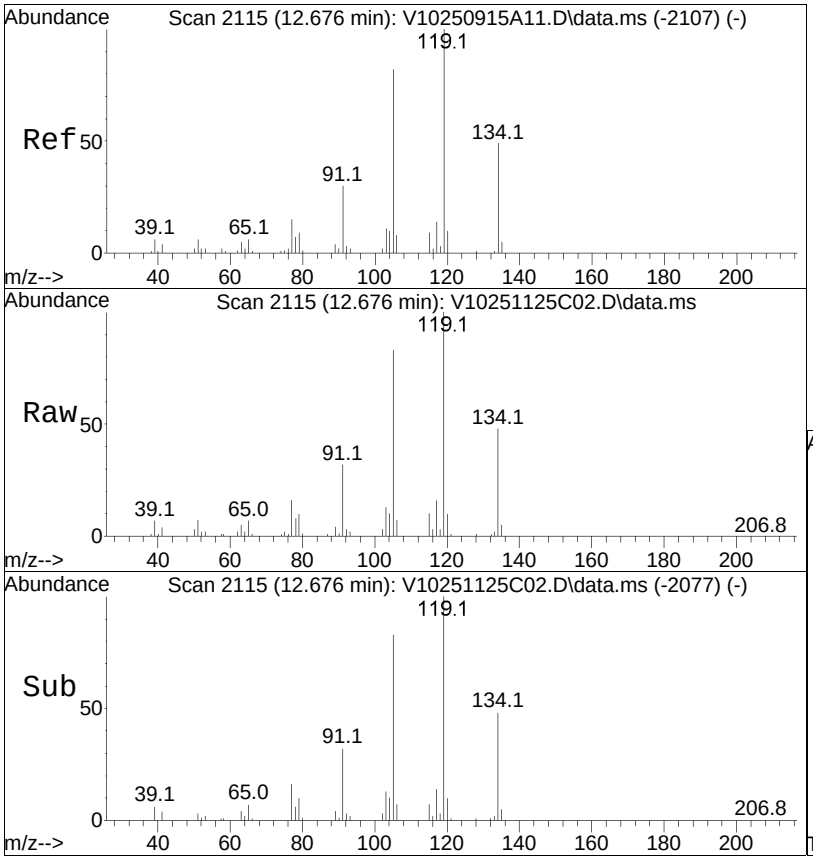


#101
1,4-Dichlorobenzene
Concen: 37.80 ug/L
RT: 12.471 min Scan# 2076
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:146 Resp: 276901

Ion	Ratio	Lower	Upper
146	100		
111	39.5	30.8	46.2
148	64.9	50.6	76.0

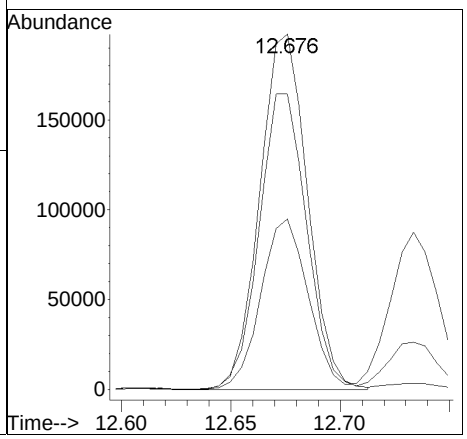


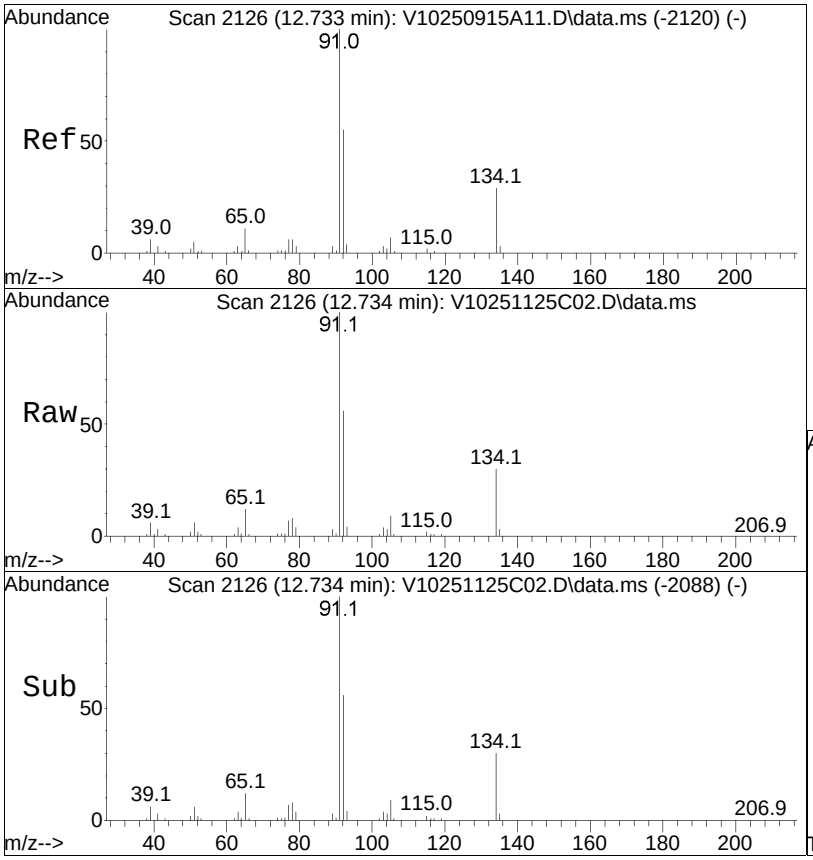


#102
p-Diethylbenzene
Concen: 37.56 ug/L
RT: 12.676 min Scan# 2115
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:119 Resp: 300505

Ion	Ratio	Lower	Upper
119	100		
105	82.8	55.5	115.3
134	47.5	30.4	63.0

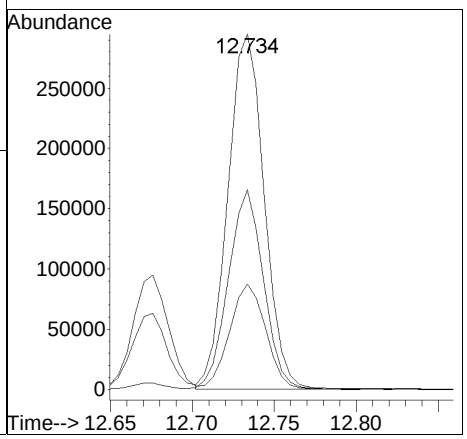


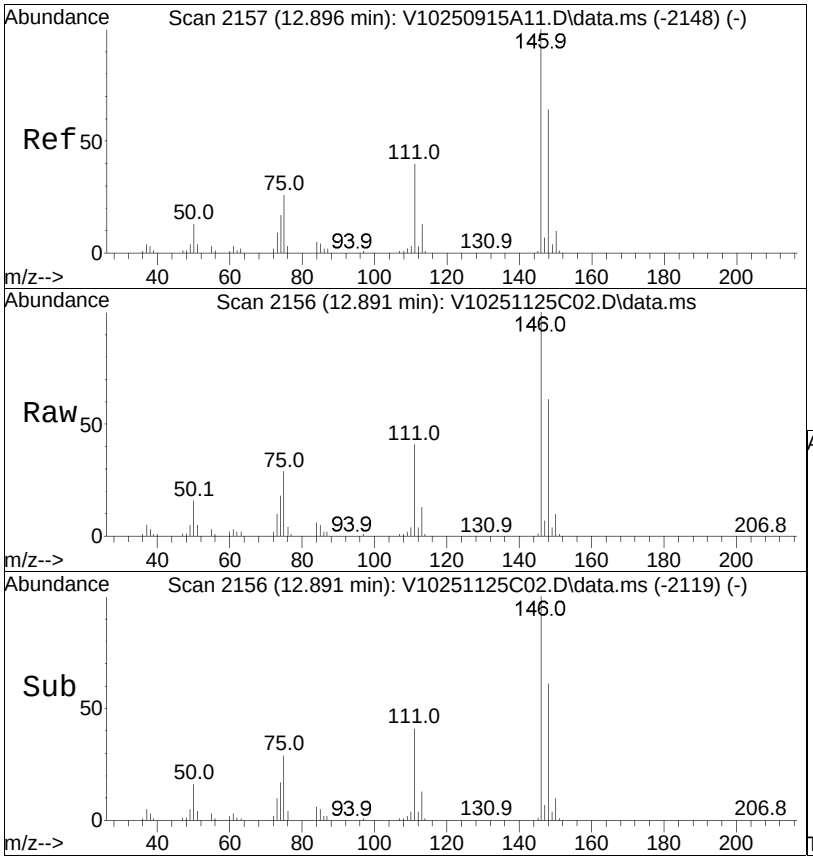


#103
n-Butylbenzene
Concen: 40.59 ug/L
RT: 12.734 min Scan# 2126
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion: 91 Resp: 453300

Ion	Ratio	Lower	Upper
91	100		
92	54.5	43.1	64.7
134	29.7	21.2	31.8

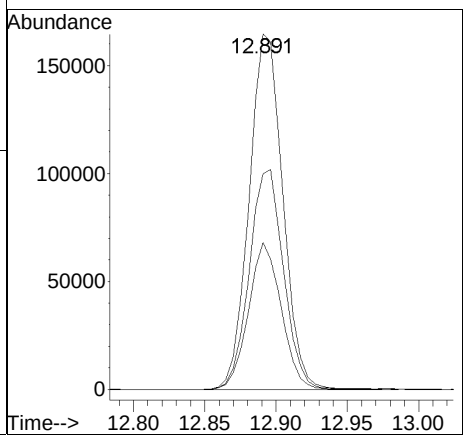


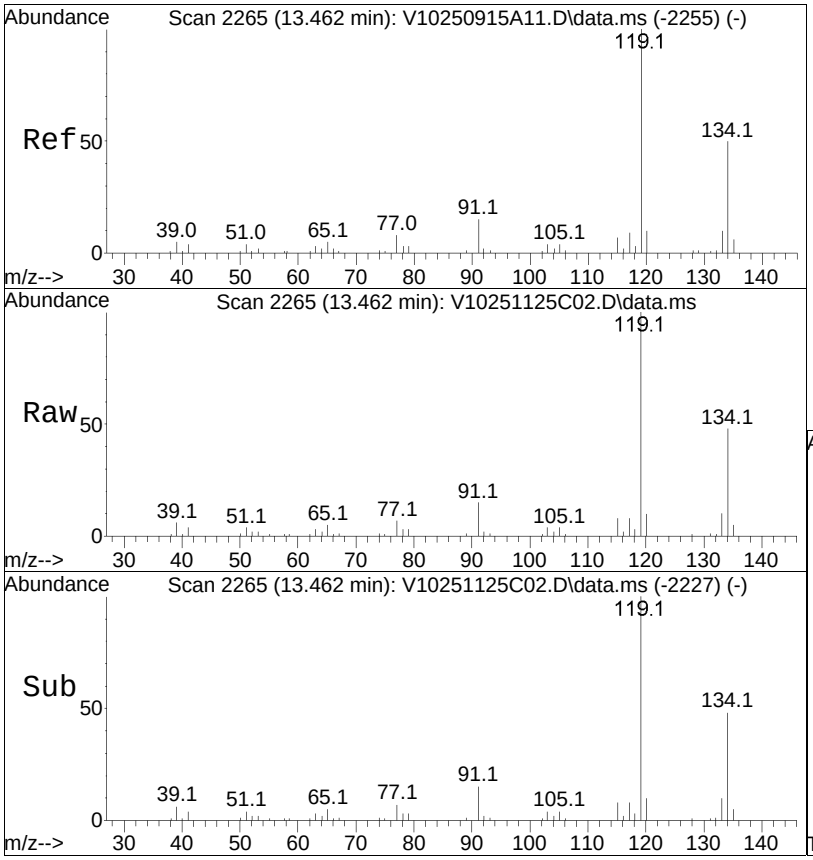


#104
1,2-Dichlorobenzene
Concen: 40.01 ug/L
RT: 12.891 min Scan# 2156
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:146 Resp: 270539

Ion	Ratio	Lower	Upper
146	100		
111	40.2	26.8	55.8
148	62.9	41.3	85.7

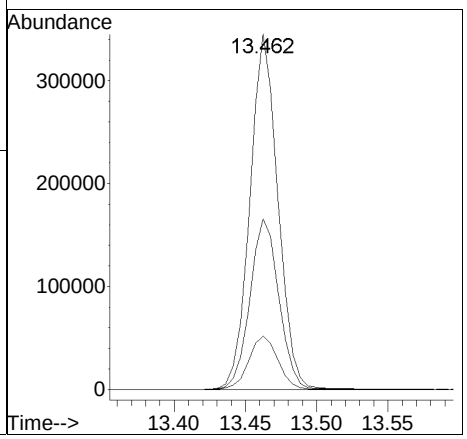


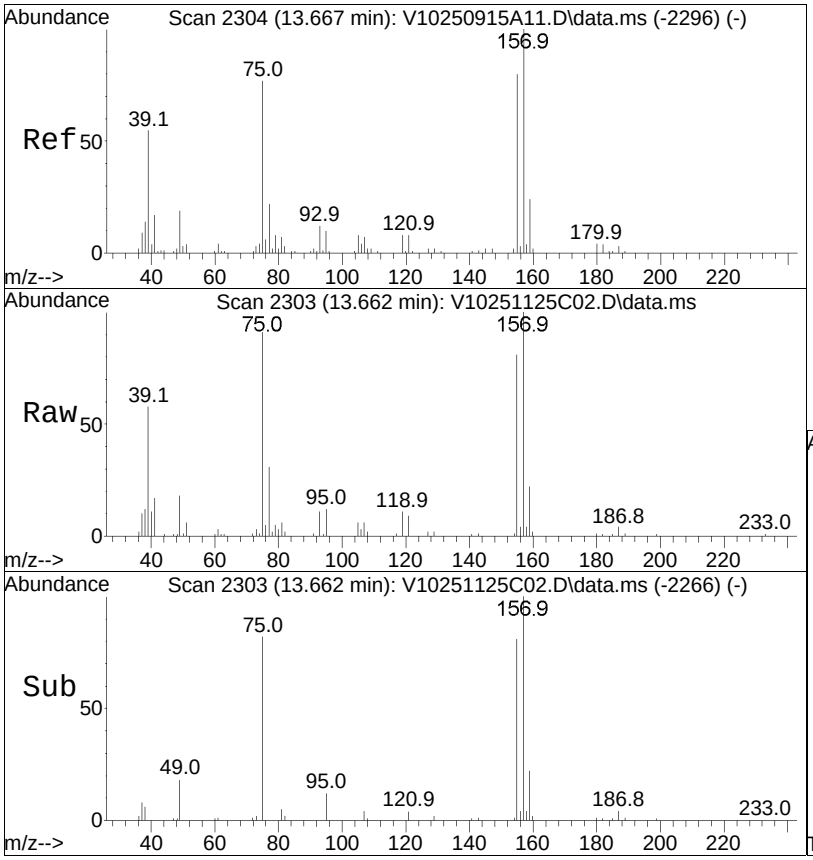


#105
1,2,4,5-Tetramethylbenzene
Concen: 36.92 ug/L
RT: 13.462 min Scan# 2265
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:119 Resp: 471030

Ion	Ratio	Lower	Upper
119	100		
134	49.6	30.0	62.2
91	15.7	10.3	21.3

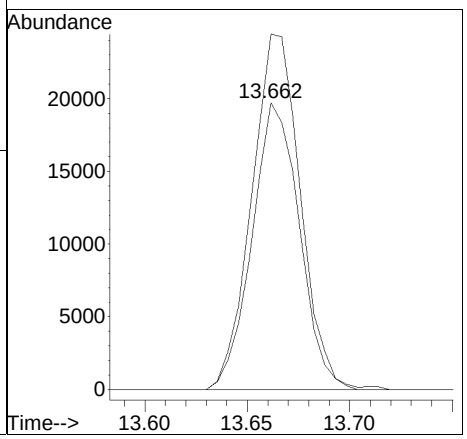


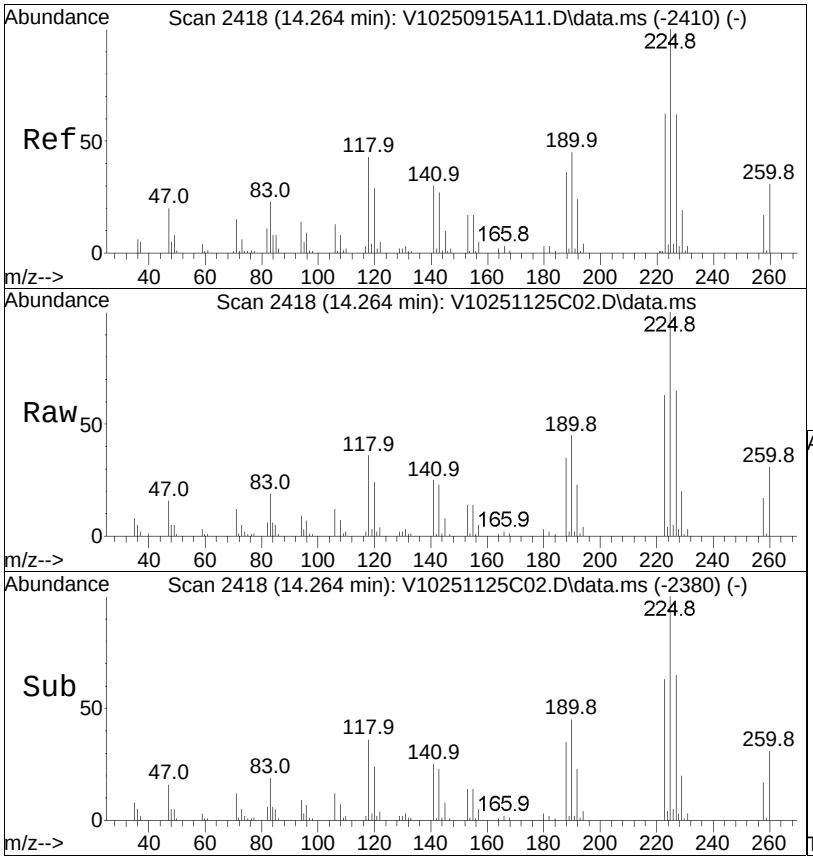


#106
1,2-Dibromo-3-chloropropane
Concen: 42.80 ug/L
RT: 13.662 min Scan# 2303
Delta R.T. -0.005 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:155 Resp: 31643

Ion	Ratio	Lower	Upper
155	100		
157	127.6	98.7	148.1

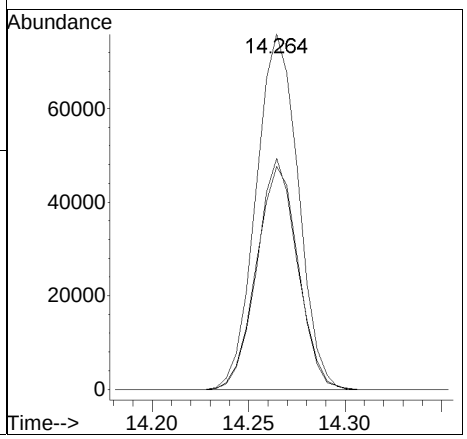


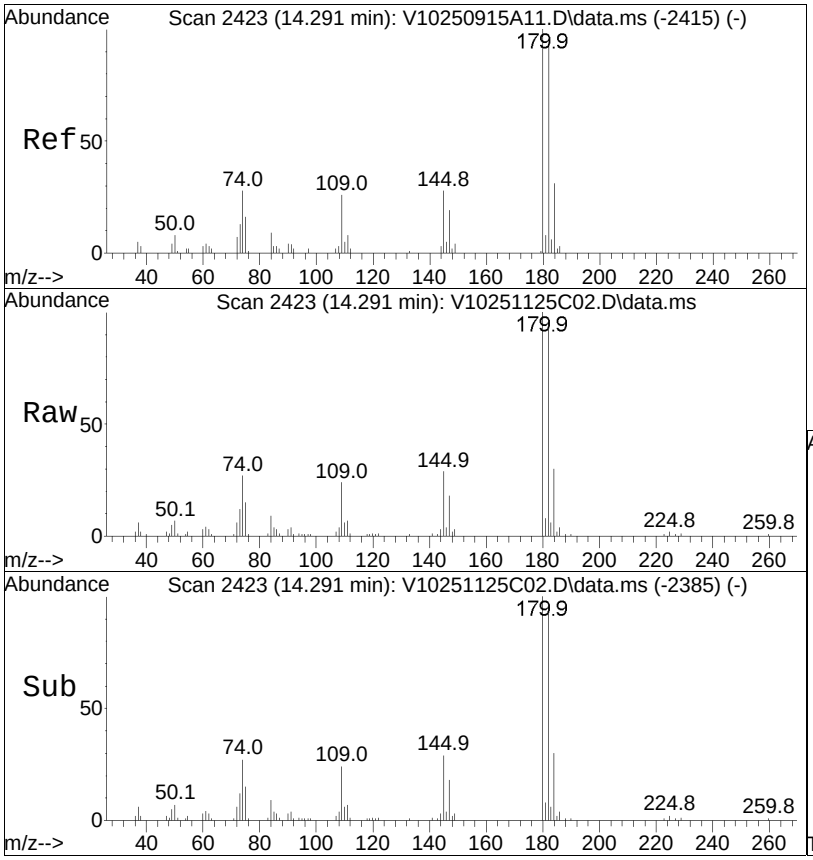


#108
Hexachlorobutadiene
Concen: 49.68 ug/L
RT: 14.264 min Scan# 2418
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:225 Resp: 115648

Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.1	76.7
227	62.3	51.9	77.9

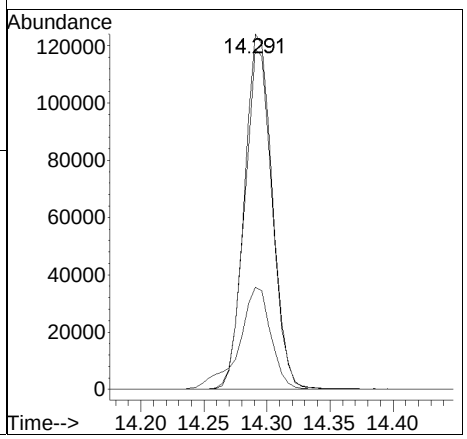


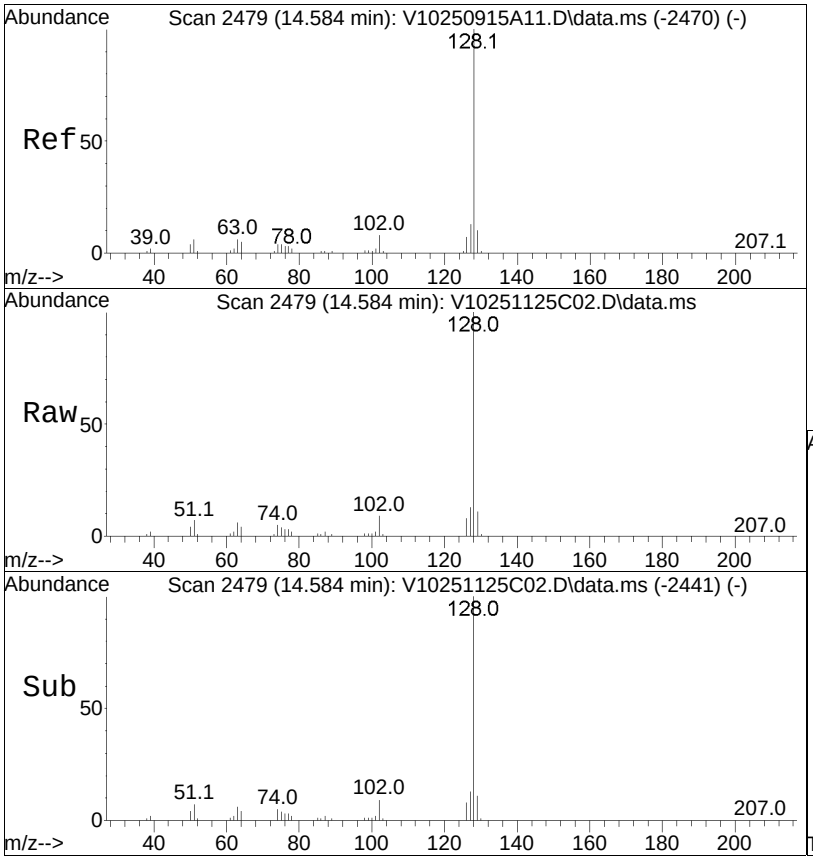


#109
1,2,4-Trichlorobenzene
Concen: 40.77 ug/L
RT: 14.291 min Scan# 2423
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:180 Resp: 191440

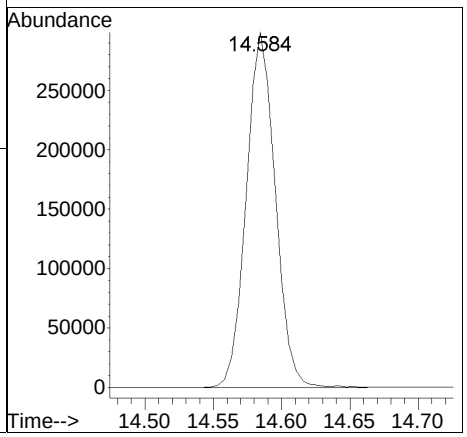
Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.1	115.7
145	32.9	26.6	39.8

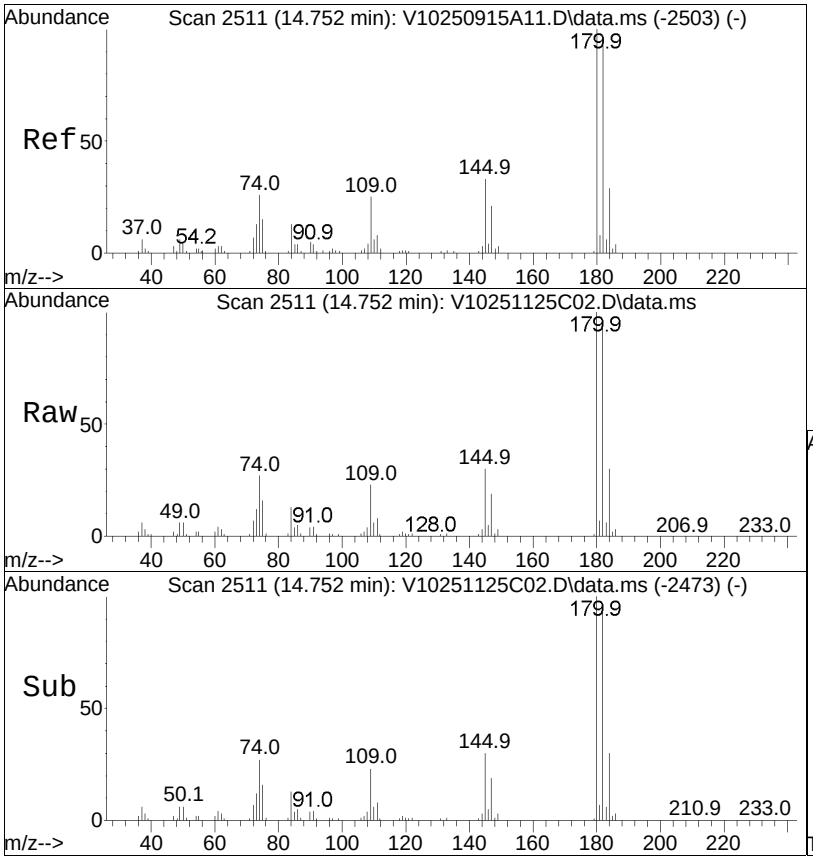




#110
Naphthalene
Concen: 34.82 ug/L
RT: 14.584 min Scan# 2479
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:128 Resp: 441956

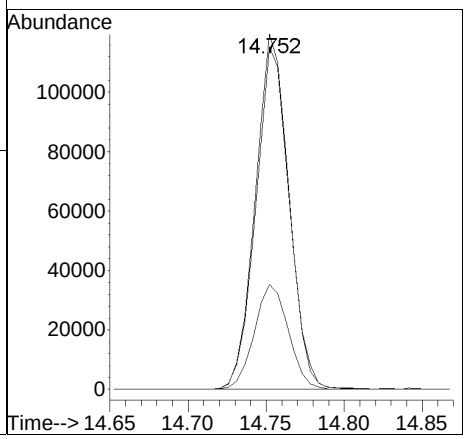




#111
1,2,3-Trichlorobenzene
Concen: 39.18 ug/L
RT: 14.752 min Scan# 2511
Delta R.T. 0.000 min
Lab File: V10251125C02.D
Acq: 25 Nov 2025 2:28 pm

Tgt Ion:180 Resp: 178982

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.3	114.5
145	30.0	28.1	42.1



Manual Integration Report

Data Path	: K:\VOA110\2025\251125C\	QMethod	: V110_250915A_8260.m
Data File	: V10251125C02.D	Operator	: VOA110:AJK
Date Inj'd	: 11/25/2025 2:28 pm	Instrument	: VOA110
Sample	: WG2147004-4,31h,15,15,0.1	Quant Date	: 11/25/2025 2:52 pm

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A02.D
Acq On : 26 Nov 2025 07:00 am
Operator : VOA100:MNF
Sample : WG2146922-4,31,5,5
Misc : WG2146922,ICAL22760
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 26 11:30:28 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.232	96	369041	20.000	ug/L	0.00
Standard Area 1 = 378260			Recovery = 97.56%			
60) Chlorobenzene-d5	9.792	117	318613	20.000	ug/L	0.00
Standard Area 1 = 324241			Recovery = 98.26%			
80) 1,4-Dichlorobenzene-d4	12.461	152	197428	20.000	ug/L	0.00
Standard Area 1 = 197845			Recovery = 99.79%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	104826	18.684	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.42%			
44) 1,2-Dichloroethane-d4	5.939	65	92647	18.264	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.32%			
61) Toluene-d8	7.942	98	380092	19.739	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.69%			
84) 4-Bromofluorobenzene	11.261	95	147713	19.365	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.786	85	228426M1	41.149	ug/L	
3) Chloromethane	2.022	50	193735	31.487	ug/L	97
4) Vinyl chloride	2.064	62	238258	28.011	ug/L	82
5) Bromomethane	2.384	94	214841	26.165	ug/L #	78
6) Chloroethane	2.510	64	172505	25.365	ug/L	85
7) Trichlorofluoromethane	2.651	101	396200	42.184	ug/L	98
8) Ethyl ether	2.956	74	118077	36.707	ug/L	87
10) 1,1-Dichloroethene	3.155	96	194422	38.902	ug/L #	75
11) Carbon disulfide	3.191	76	666436	37.509	ug/L	99
15) Methylene chloride	3.705	84	223034	36.874	ug/L	97
17) Acetone	3.732	43	67006	24.167	ug/L	92
18) trans-1,2-Dichloroethene	3.868	96	221718	37.627	ug/L	84
20) Methyl tert-butyl ether	3.962	73	622273	39.259	ug/L	96
23) 1,1-Dichloroethane	4.450	63	358169	35.151	ug/L	97
25) Acrylonitrile	4.476	53	56623	36.618	ug/L	92
27) Vinyl acetate	4.675	43	467527	39.799	ug/L	97
28) cis-1,2-Dichloroethene	4.969	96	244164	37.825	ug/L	85
29) 2,2-Dichloropropane	5.074	77	332778	39.643	ug/L	98
31) Bromochloromethane	5.163	128	129809	40.456	ug/L	90
33) Chloroform	5.231	83	422160	38.447	ug/L	99

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A02.D
Acq On : 26 Nov 2025 07:00 am
Operator : VOA100:MNF
Sample : WG2146922-4,31,5,5
Misc : WG2146922,ICAL22760
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 26 11:30:28 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
35) Carbon tetrachloride	5.388	117	353591	44.560	ug/L		99
38) 1,1,1-Trichloroethane	5.446	97	364529	43.876	ug/L		93
40) 2-Butanone	5.509	43	70528	34.151	ug/L		95
41) 1,1-Dichloropropene	5.572	75	277636	41.637	ug/L		96
42) Benzene	5.813	78	816277	37.816	ug/L		98
45) 1,2-Dichloroethane	6.007	62	265808	38.300	ug/L		98
49) Trichloroethene	6.416	95	237858	39.718	ug/L		92
51) Dibromomethane	6.851	93	150095	40.039	ug/L		91
52) 1,2-Dichloropropane	6.956	63	197890	35.415	ug/L		95
55) Bromodichloromethane	7.024	83	325106	39.185	ug/L	#	99
58) 1,4-Dioxane	7.229	88	103173	2200.370	ug/L		88
59) cis-1,3-Dichloropropene	7.716	75	352374	38.412	ug/L	#	92
62) Toluene	7.999	92	542267	42.346	ug/L		99
63) 4-Methyl-2-pentanone	8.414	58	60659	39.321	ug/L	#	56
64) Tetrachloroethene	8.461	166	273104	49.760	ug/L		94
66) trans-1,3-Dichloropropene	8.471	75	327638	42.697	ug/L		98
69) 1,1,2-Trichloroethane	8.655	83	161495	41.701	ug/L		98
70) Chlorodibromomethane	8.875	129	279327	47.023	ug/L		99
71) 1,3-Dichloropropane	8.980	76	311559	41.909	ug/L		99
72) 1,2-Dibromoethane	9.153	107	214254	46.743	ug/L		99
73) 2-Hexanone	9.425	43	111459	37.727	ug/L	#	83
74) Chlorobenzene	9.819	112	664559	43.210	ug/L		93
75) Ethylbenzene	9.855	91	1083175	43.010	ug/L		97
76) 1,1,1,2-Tetrachloroethane	9.897	131	259098	47.405	ug/L		100
77) p/m Xylene	10.044	106	875024	86.629	ug/L		95
78) o Xylene	10.574	106	857848	85.569	ug/L		95
79) Styrene	10.637	104	1446187	83.929	ug/L		95
81) Bromoform	10.652	173	207918	44.596	ug/L		100
83) Isopropylbenzene	10.951	105	1148375	41.926	ug/L		97
85) Bromobenzene	11.376	156	312567	44.442	ug/L		99
86) n-Propylbenzene	11.423	91	1322413	40.015	ug/L		96
88) 1,1,2,2-Tetrachloroethane	11.491	83	271613	40.223	ug/L		97
89) 4-Ethyltoluene	11.544	105	1119072	41.503	ug/L		97
90) 2-Chlorotoluene	11.586	91	767678M6	40.881	ug/L		
91) 1,3,5-Trimethylbenzene	11.643	105	967216	41.602	ug/L		96
92) 1,2,3-Trichloropropane	11.628	75	203684M6	38.289	ug/L		
93) trans-1,4-Dichloro-2-b...	11.675	53	69455	39.346	ug/L	#	80
94) 4-Chlorotoluene	11.764	91	797209	41.074	ug/L		94
95) tert-Butylbenzene	11.979	119	875126	42.566	ug/L		94

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A02.D
Acq On : 26 Nov 2025 07:00 am
Operator : VOA100:MNF
Sample : WG2146922-4,31,5,5
Misc : WG2146922,ICAL22760
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 26 11:30:28 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
98)	1,2,4-Trimethylbenzene	12.052	105	965340	42.209	ug/L	97
99)	sec-Butylbenzene	12.168	105	1287547	42.529	ug/L	98
100)	p-Isopropyltoluene	12.320	119	1154666	43.136	ug/L	98
101)	1,3-Dichlorobenzene	12.383	146	627746	44.860	ug/L	98
102)	1,4-Dichlorobenzene	12.477	146	631454	44.630	ug/L	97
103)	p-Diethylbenzene	12.692	119	691340	43.027	ug/L	96
104)	n-Butylbenzene	12.750	91	1030453	43.940	ug/L	98
105)	1,2-Dichlorobenzene	12.896	146	590978	45.326	ug/L	97
106)	1,2,4,5-Tetramethylben...	13.484	119	1079427	44.716	ug/L	99
107)	1,2-Dibromo-3-chloropr...	13.667	155	56233	46.417	ug/L	89
109)	Hexachlorobutadiene	14.291	225	211822	50.090	ug/L	98
110)	1,2,4-Trichlorobenzene	14.307	180	425022	48.538	ug/L	99
111)	Naphthalene	14.595	128	941160	45.782	ug/L	100
112)	1,2,3-Trichlorobenzene	14.768	180	392533	49.747	ug/L	98

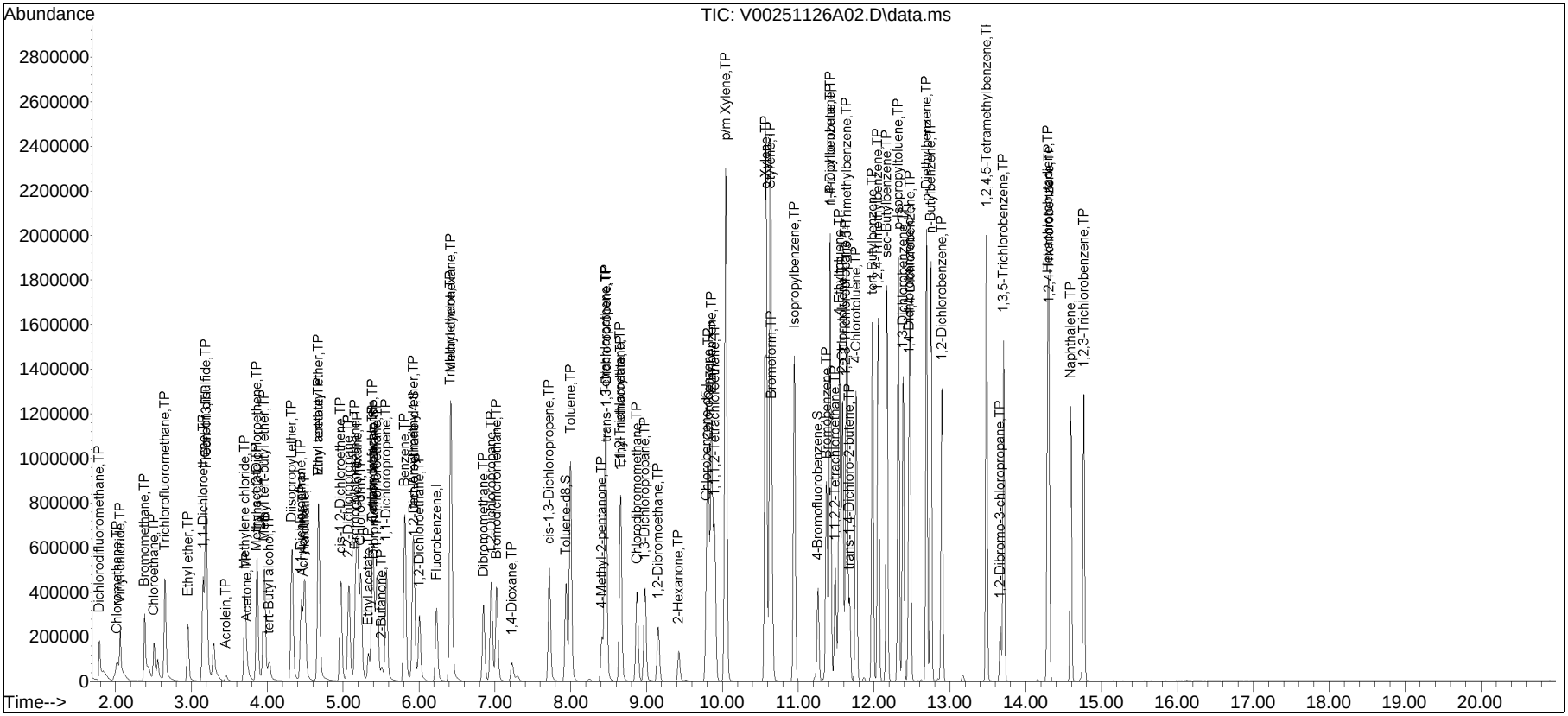
(#) = qualifier out of range (m) = manual integration (+) = signals summed

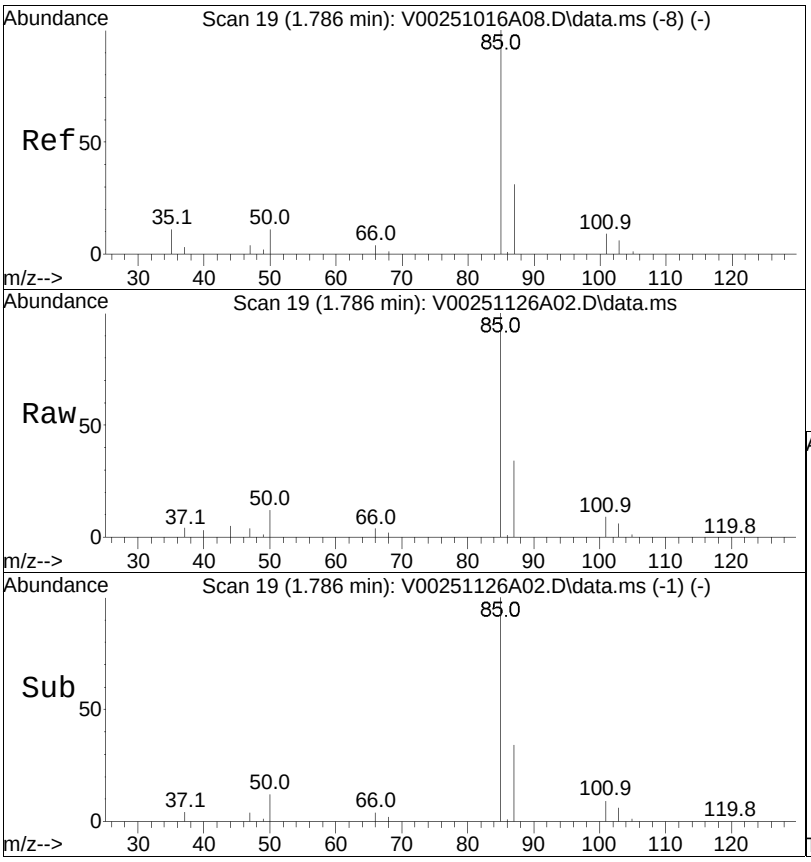
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A02.D
Acq On : 26 Nov 2025 07:00 am
Operator : VOA100:MNF
Sample : WG2146922-4,31,5,5
Misc : WG2146922,ICAL22760
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 26 11:30:28 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

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

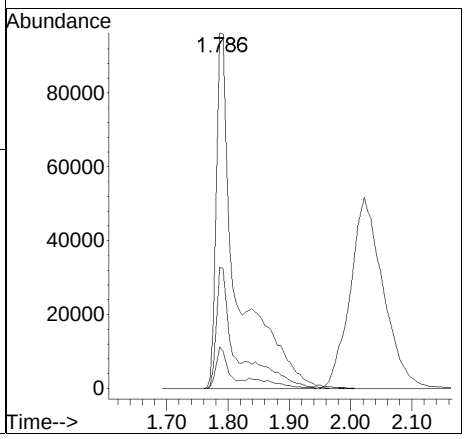


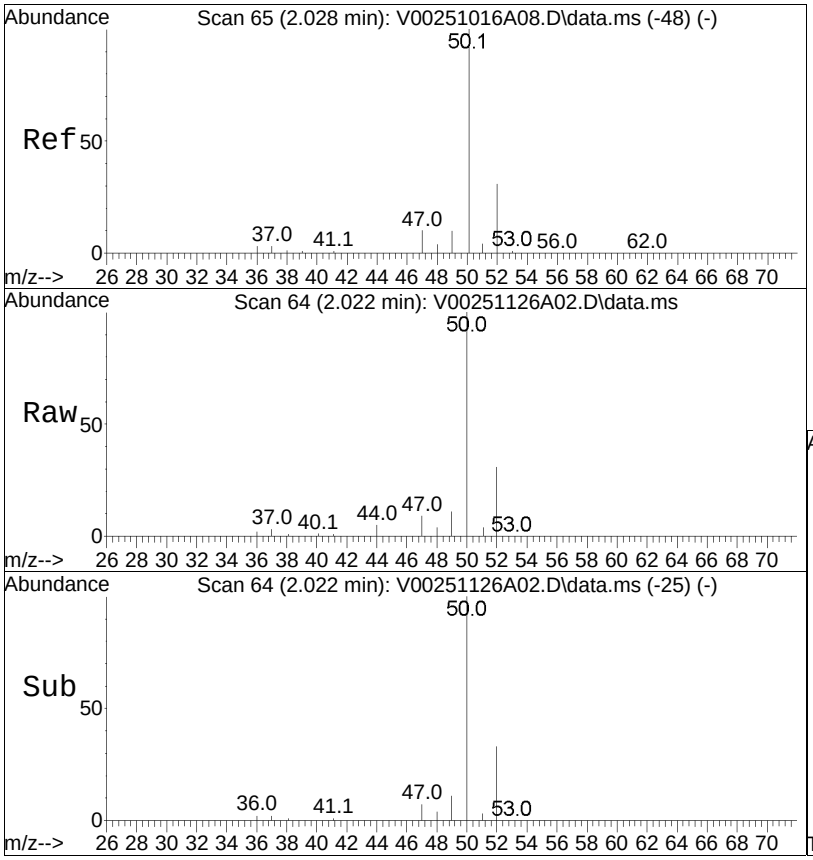


#2
Dichlorodifluoromethane
Concen: 41.15 ug/L M1
RT: 1.786 min Scan# 19
Delta R.T. -0.001 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 85 Resp: 228426

Ion	Ratio	Lower	Upper
85	100		
87	21.8	14.6	30.2
50	6.7	6.1	12.7

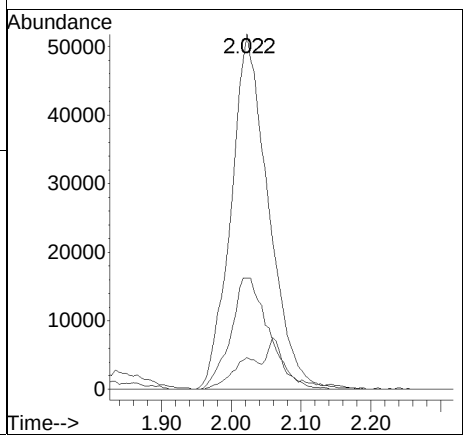


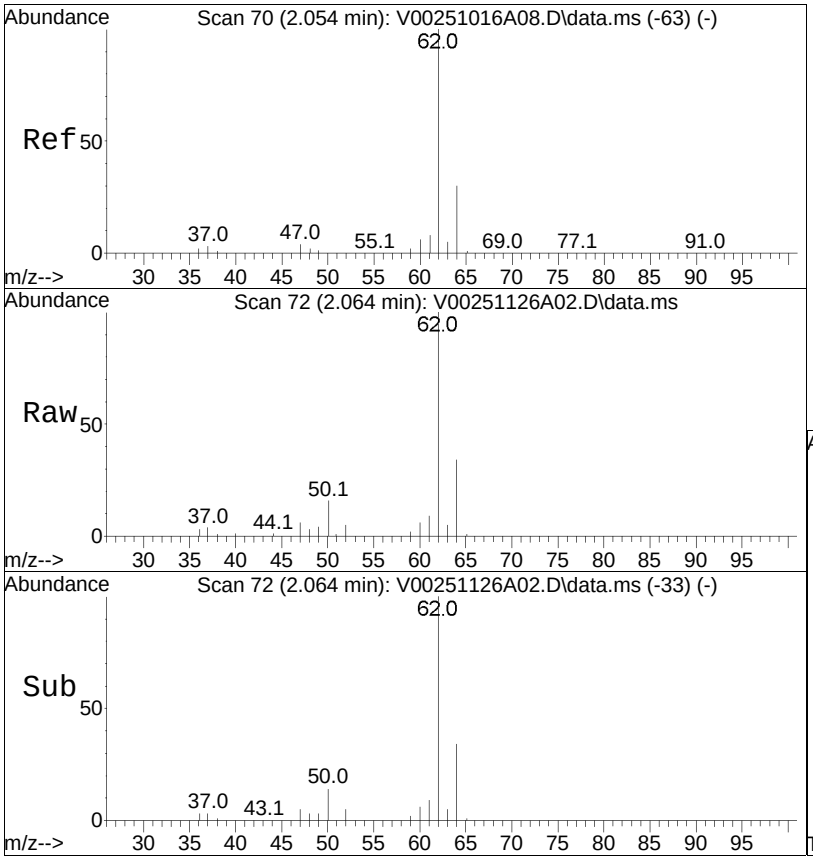


#3
Chloromethane
Concen: 31.49 ug/L
RT: 2.022 min Scan# 64
Delta R.T. 0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 50 Resp: 193735

Ion	Ratio	Lower	Upper
50	100		
52	32.2	14.2	54.2
47	6.7	0.0	28.0

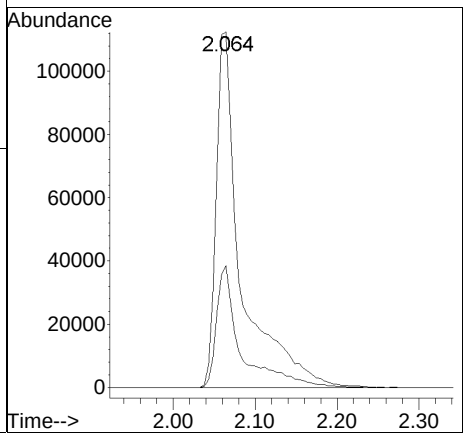


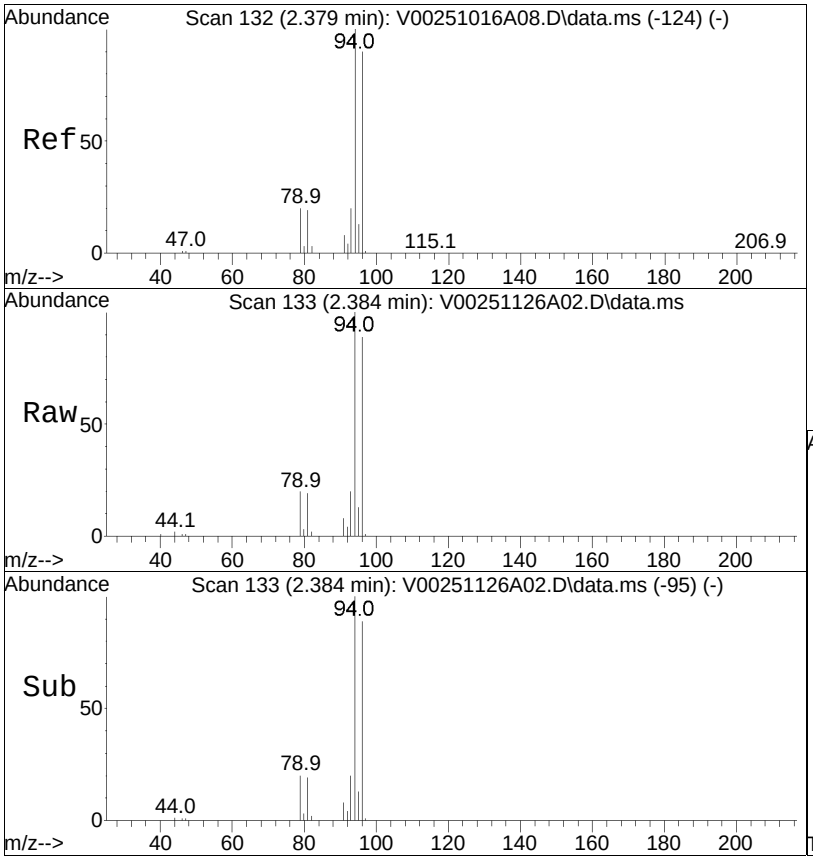


#4
Vinyl chloride
Concen: 28.01 ug/L
RT: 2.064 min Scan# 72
Delta R.T. 0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 62 Resp: 238258

Ion	Ratio	Lower	Upper
62	100		
64	33.3	4.4	44.4

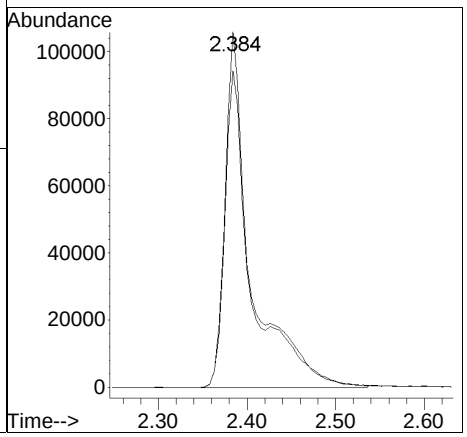


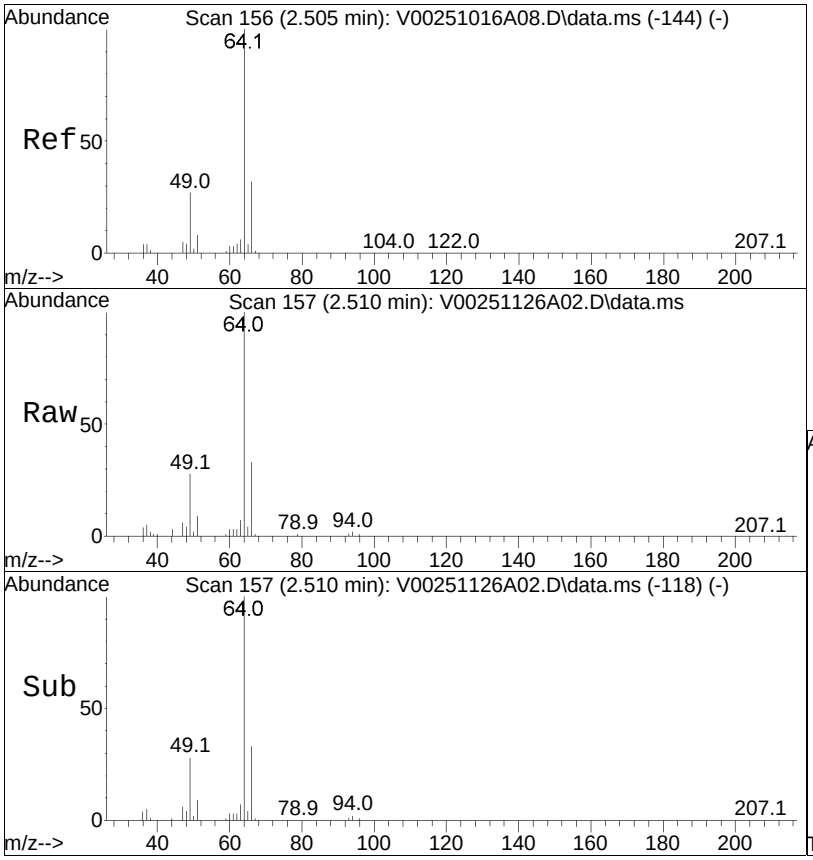


#5
Bromomethane
Concen: 26.17 ug/L
RT: 2.384 min Scan# 133
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 94 Resp: 214841

Ion	Ratio	Lower	Upper
94	100		
96	71.3	72.4	112.4#

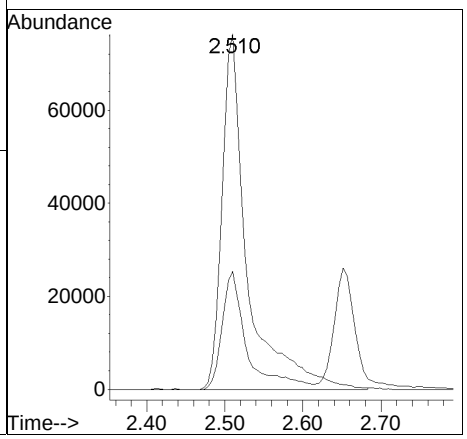


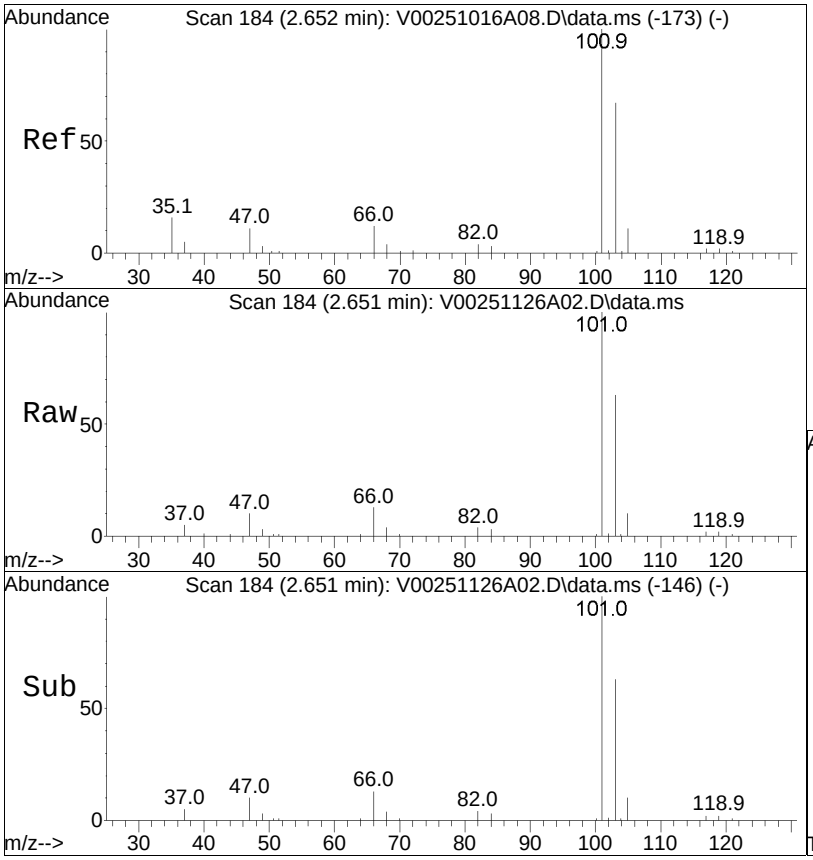


#6
Chloroethane
Concen: 25.36 ug/L
RT: 2.510 min Scan# 157
Delta R.T. 0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 64 Resp: 172505

Ion	Ratio	Lower	Upper
64	100		
66	32.5	4.8	44.8

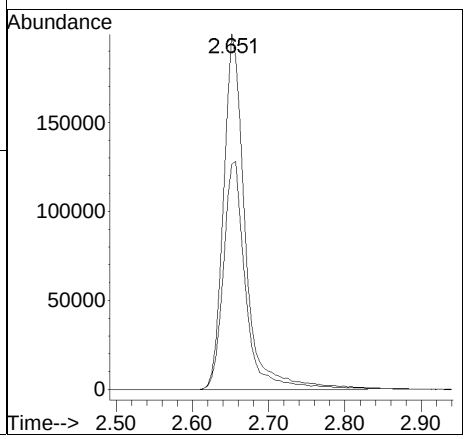


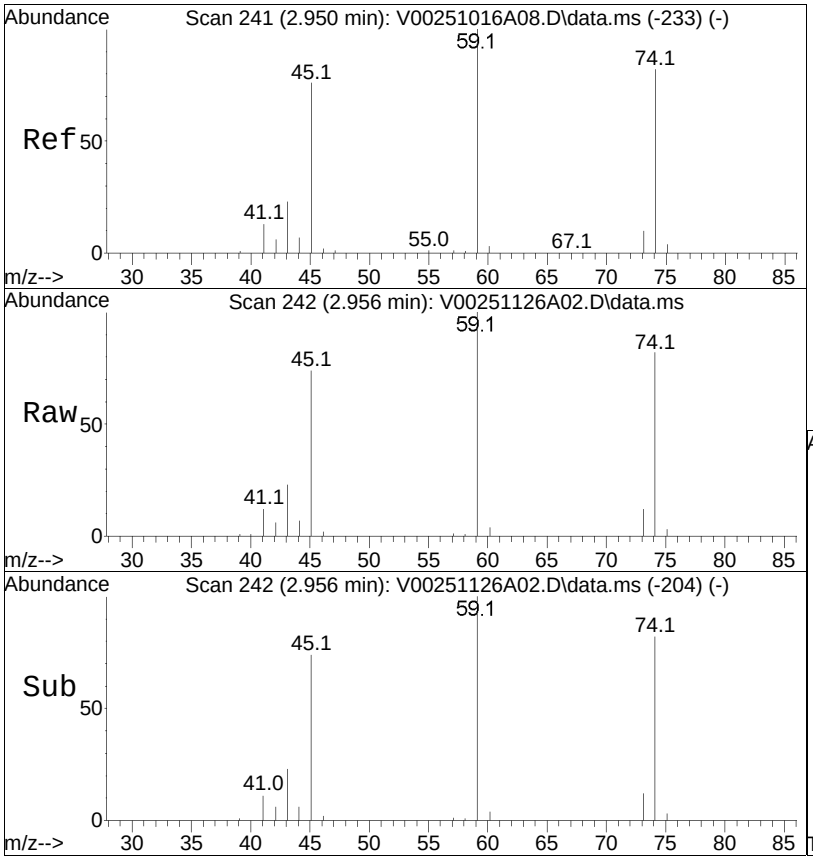


#7
Trichlorofluoromethane
Concen: 42.18 ug/L
RT: 2.651 min Scan# 184
Delta R.T. -0.001 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:101 Resp: 396200

Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.5	77.3

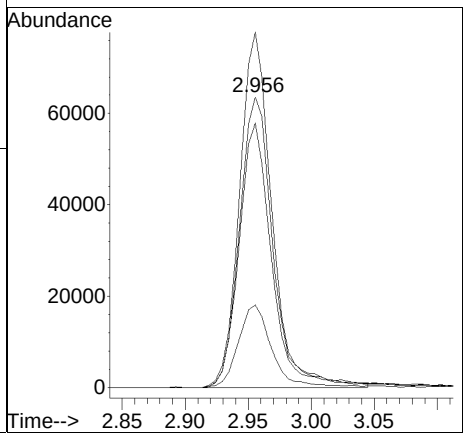


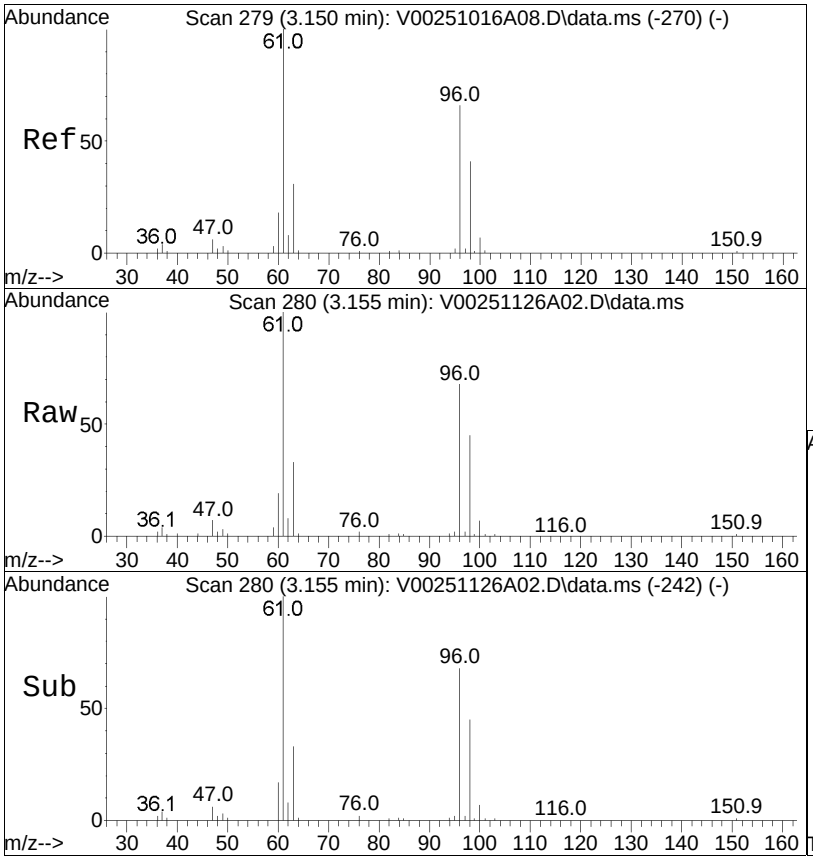


#8
Ethyl ether
Concen: 36.71 ug/L
RT: 2.956 min Scan# 242
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 74 Resp: 118077

Ion	Ratio	Lower	Upper
74	100		
59	119.4	97.0	201.4
45	88.1	57.3	118.9
43	28.3	18.7	38.9

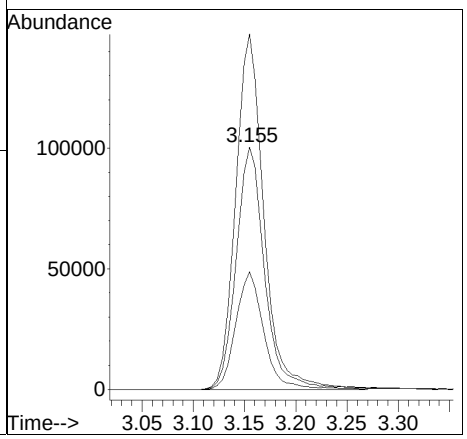


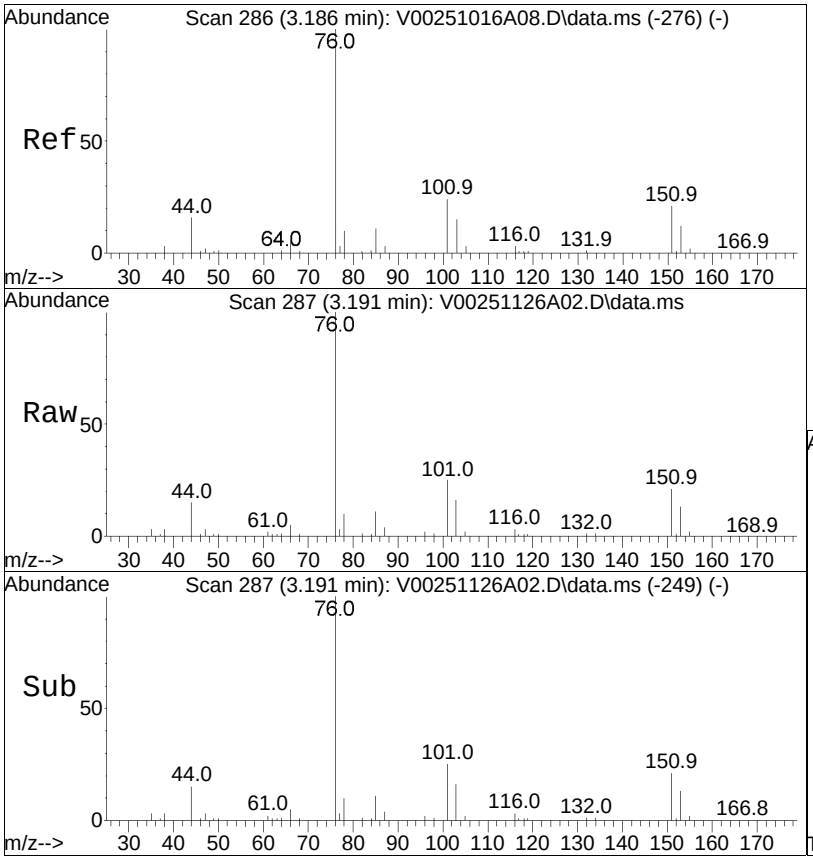


#10
1,1-Dichloroethene
Concen: 38.90 ug/L
RT: 3.155 min Scan# 280
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 96 Resp: 194422

Ion	Ratio	Lower	Upper
96	100		
61	146.1	149.4	224.2#
63	47.7	47.0	70.6

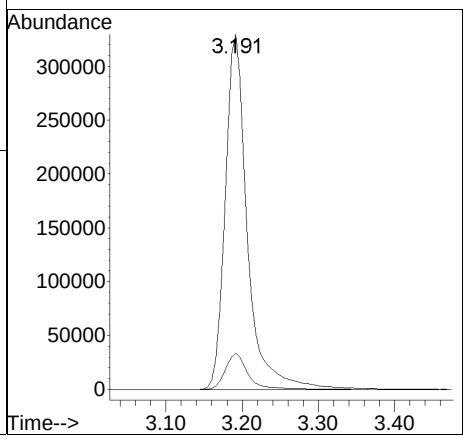


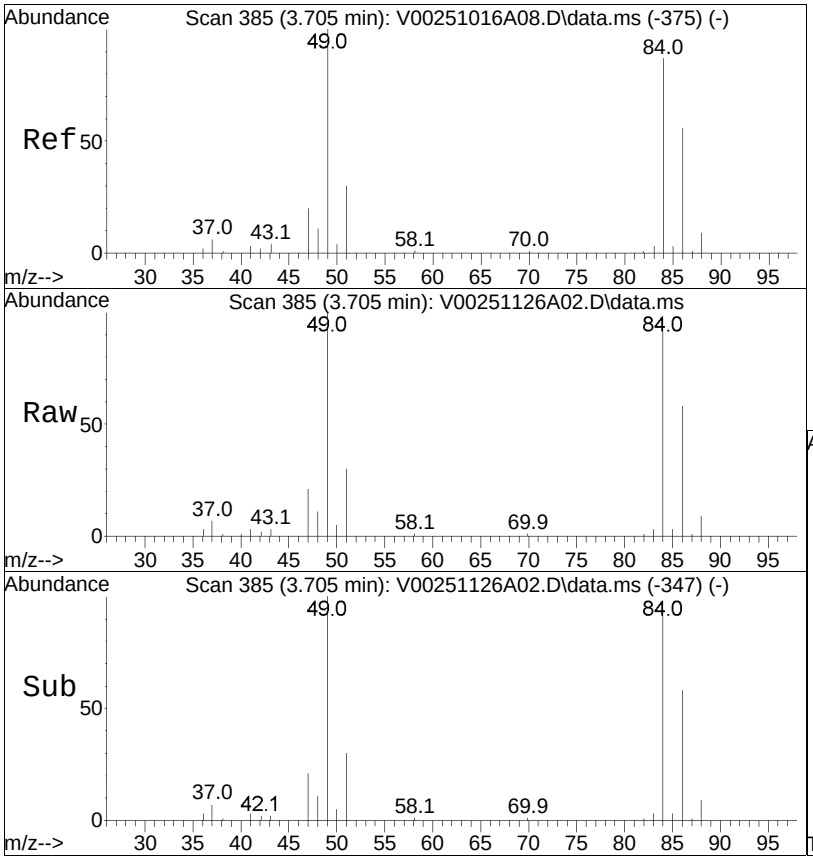


#11
Carbon disulfide
Concen: 37.51 ug/L
RT: 3.191 min Scan# 287
Delta R.T. -0.001 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 76 Resp: 666436

Ion	Ratio	Lower	Upper
76	100		
78	10.4	6.4	13.4

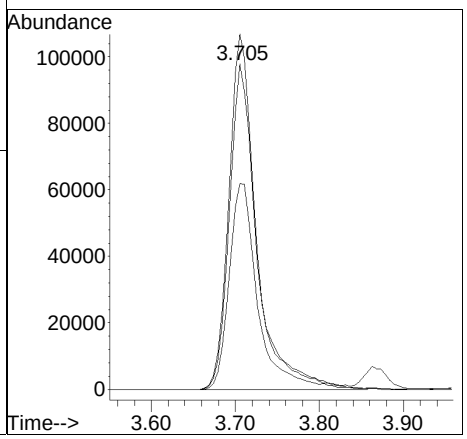


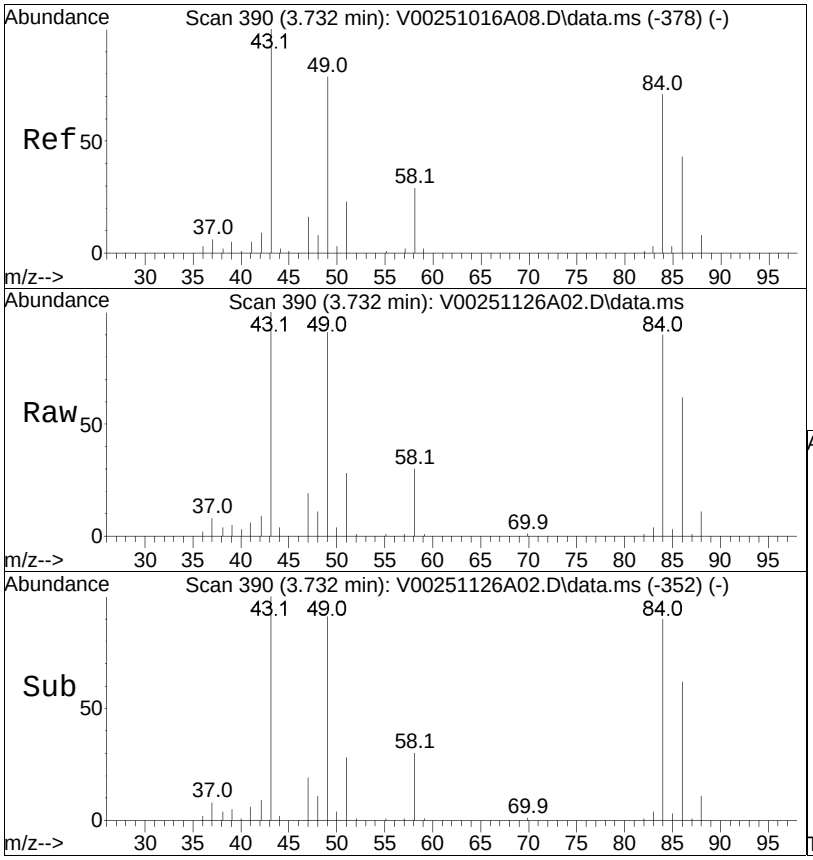


#15
Methylene chloride
Concen: 36.87 ug/L
RT: 3.705 min Scan# 385
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 84 Resp: 223034

Ion	Ratio	Lower	Upper
84	100		
86	66.1	39.6	82.2
49	110.1	72.7	150.9

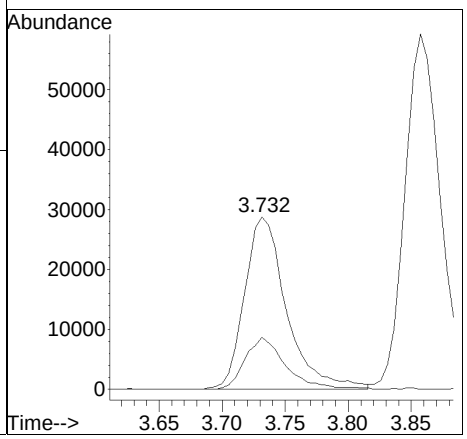


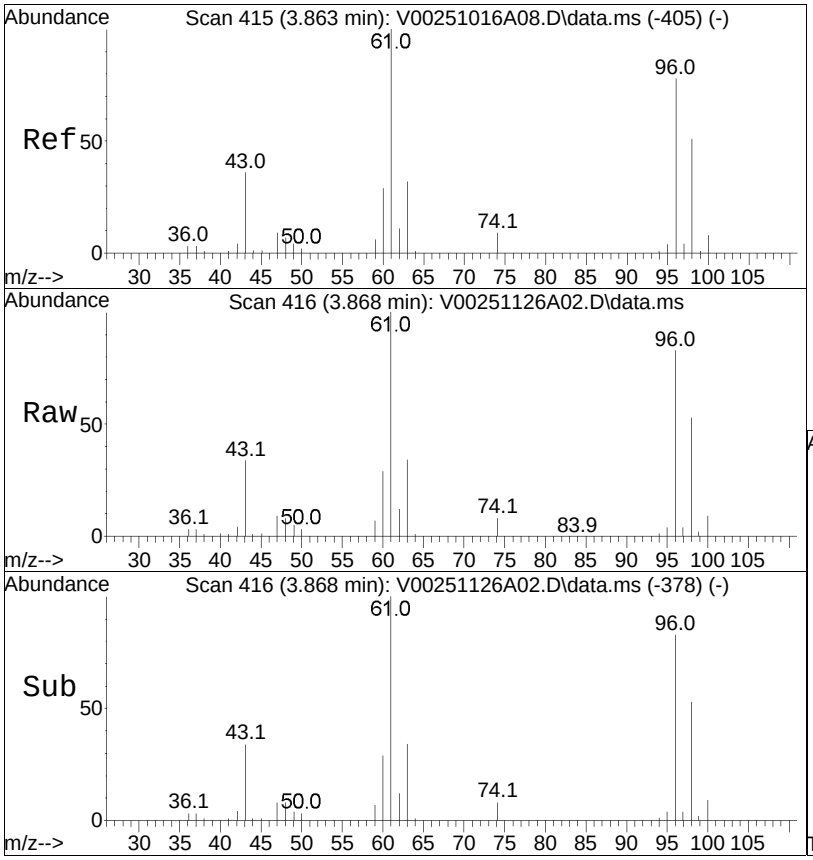


#17
Acetone
Concen: 24.17 ug/L
RT: 3.732 min Scan# 390
Delta R.T. -0.001 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 43 Resp: 67006

Ion	Ratio	Lower	Upper
43	100		
58	29.2	27.2	40.8

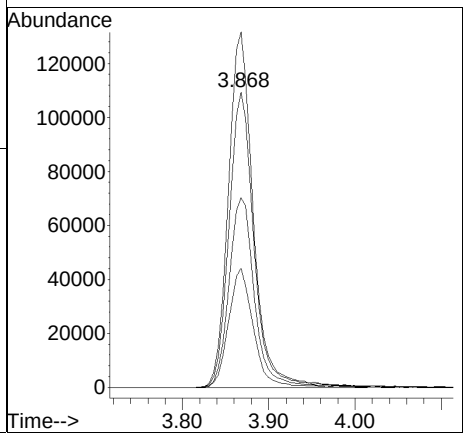


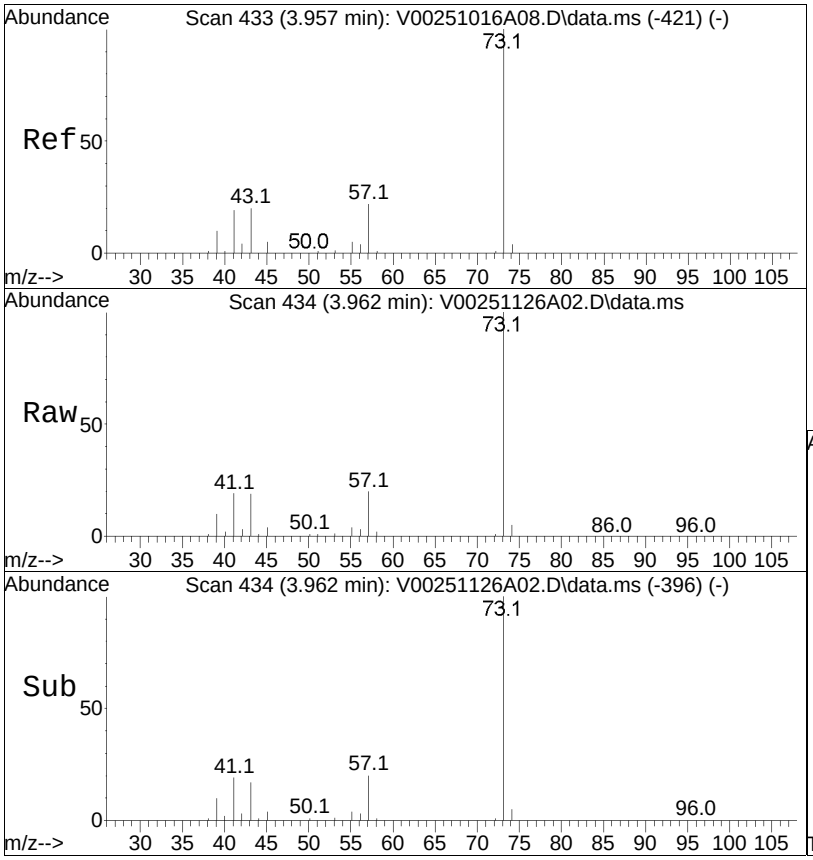


#18
trans-1,2-Dichloroethene
Concen: 37.63 ug/L
RT: 3.868 min Scan# 416
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 96 Resp: 221718

Ion	Ratio	Lower	Upper
96	100		
61	120.1	96.5	200.5
98	65.2	40.6	84.2
63	39.7	30.2	62.8

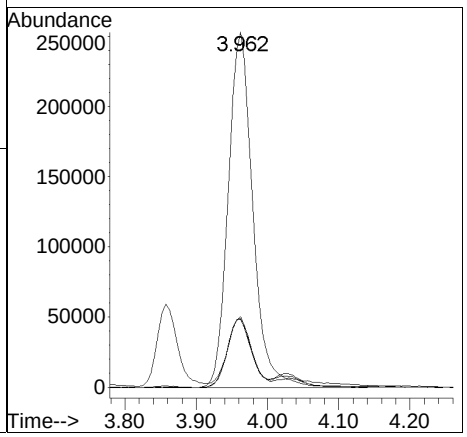


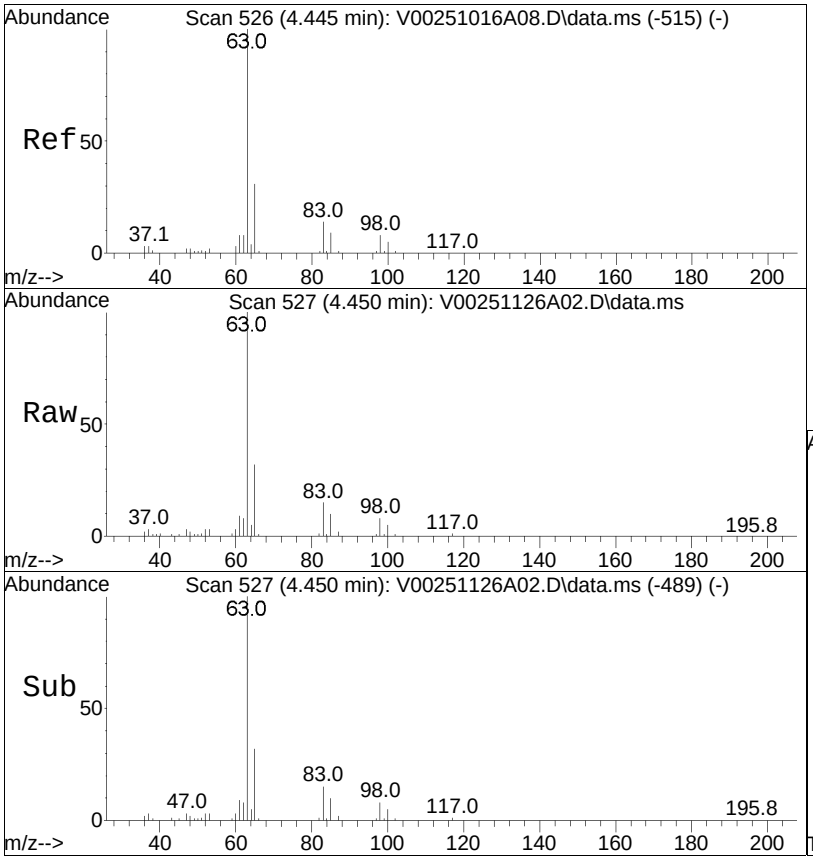


#20
Methyl tert-butyl ether
Concen: 39.26 ug/L
RT: 3.962 min Scan# 434
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 73 Resp: 622273

Ion	Ratio	Lower	Upper
73	100		
57	18.8	14.7	30.5
43	18.6	12.5	26.1
41	18.2	11.6	24.0

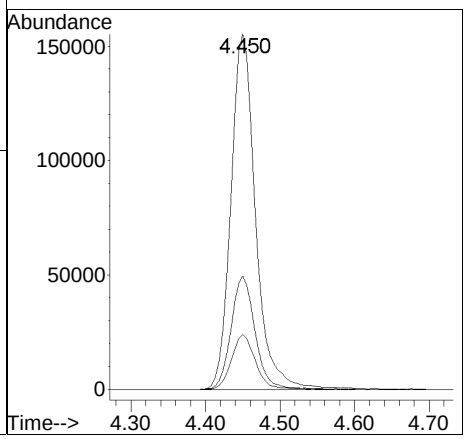


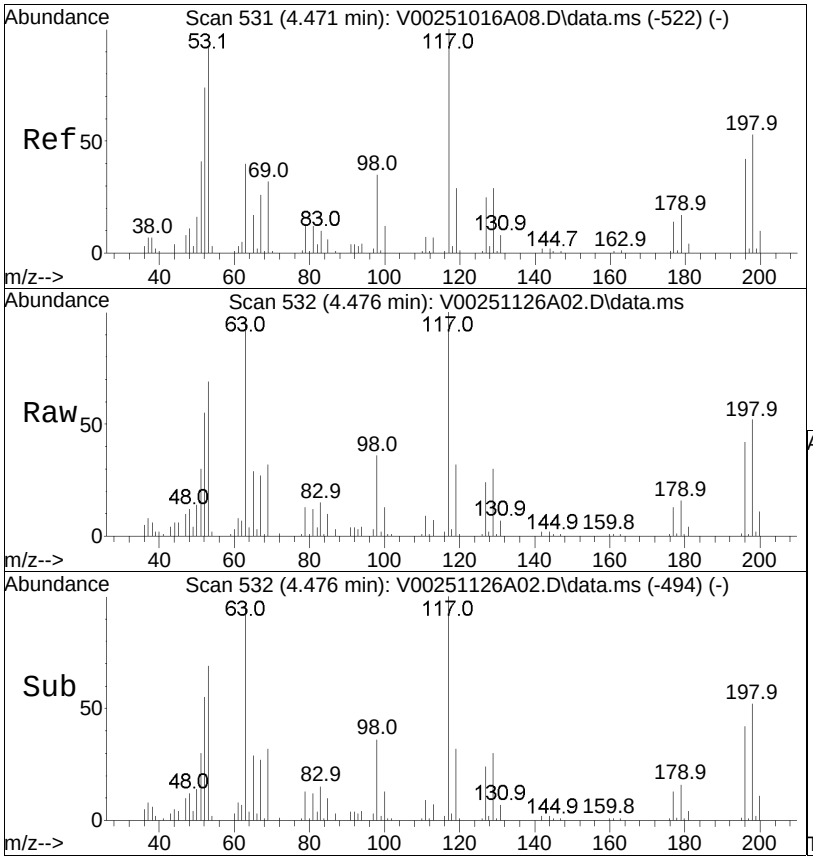


#23
1,1-Dichloroethane
Concen: 35.15 ug/L
RT: 4.450 min Scan# 527
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 63 Resp: 358169

Ion	Ratio	Lower	Upper
63	100		
65	31.0	10.4	50.4
83	15.0	0.0	32.6

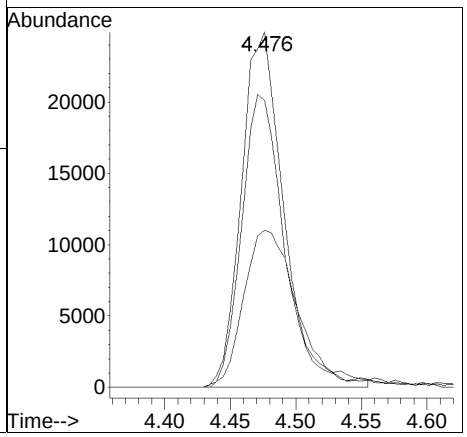


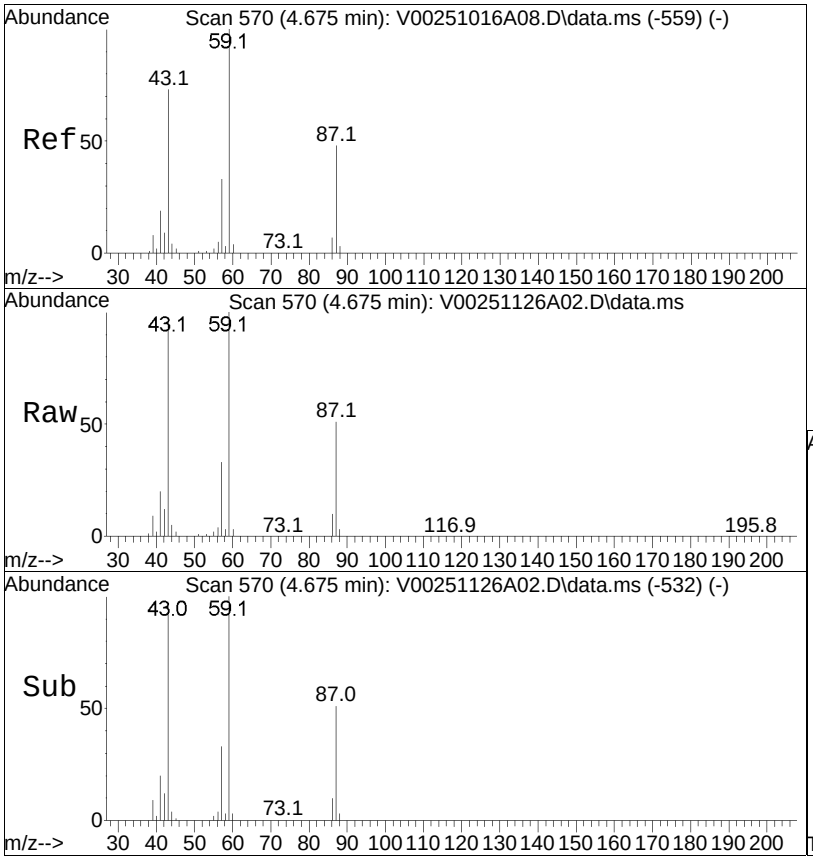


#25
Acrylonitrile
Concen: 36.62 ug/L
RT: 4.476 min Scan# 532
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 53 Resp: 56623

Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.8	98.6
51	56.1	55.1	82.7

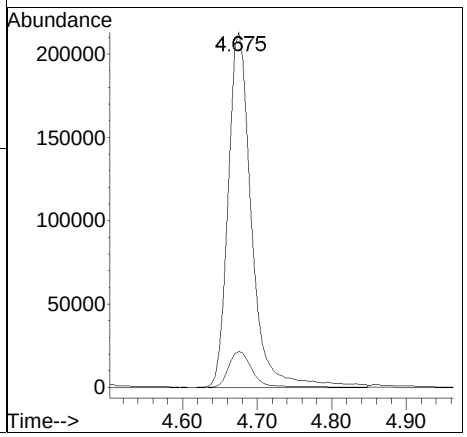


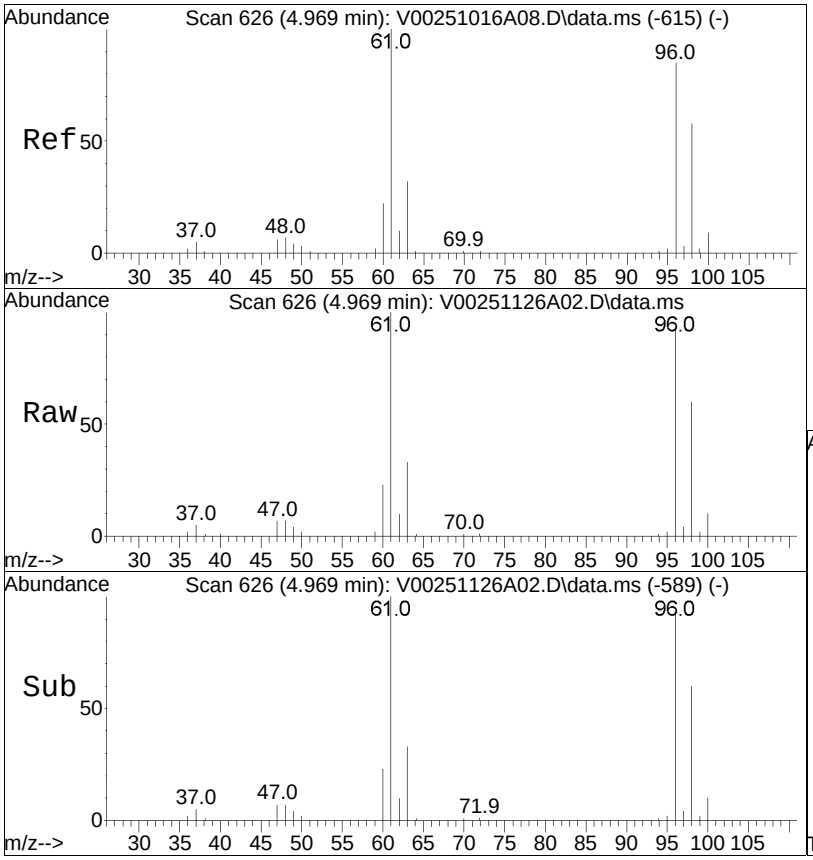


#27
Vinyl acetate
Concen: 39.80 ug/L
RT: 4.675 min Scan# 570
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 43 Resp: 467527

Ion	Ratio	Lower	Upper
43	100		
86	10.0	9.0	13.4

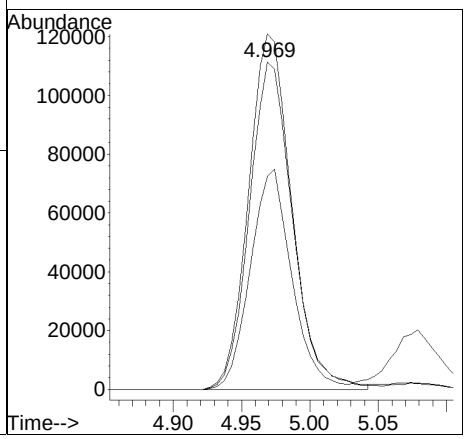


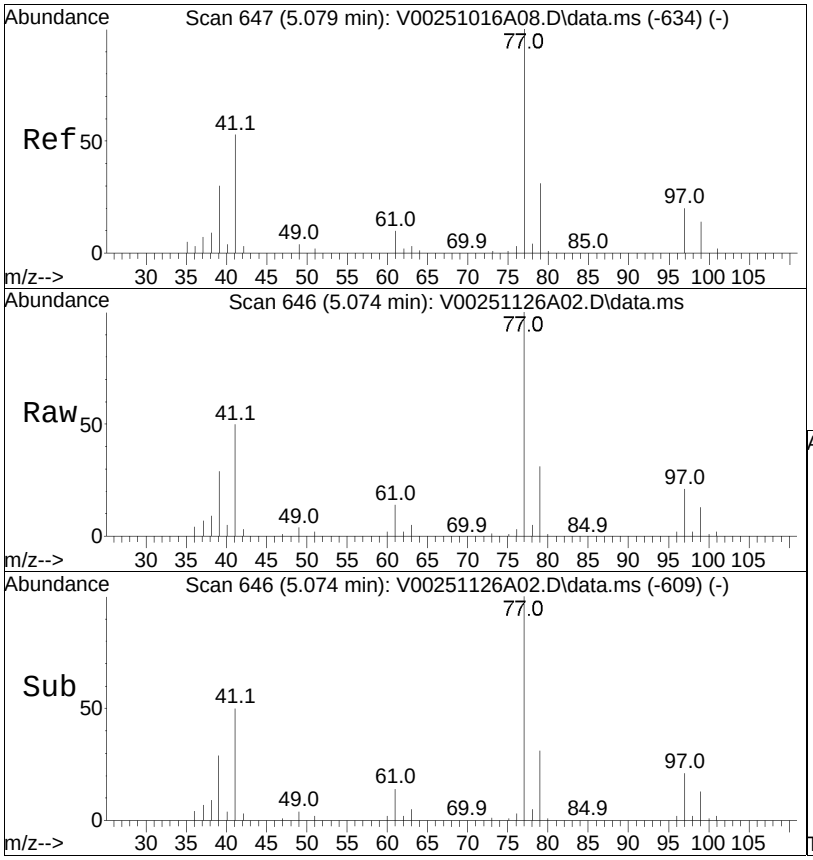


#28
cis-1,2-Dichloroethene
Concen: 37.83 ug/L
RT: 4.969 min Scan# 626
Delta R.T. -0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 96 Resp: 244164

Ion	Ratio	Lower	Upper
96	100		
61	108.9	107.8	161.8
98	65.7	51.4	77.0

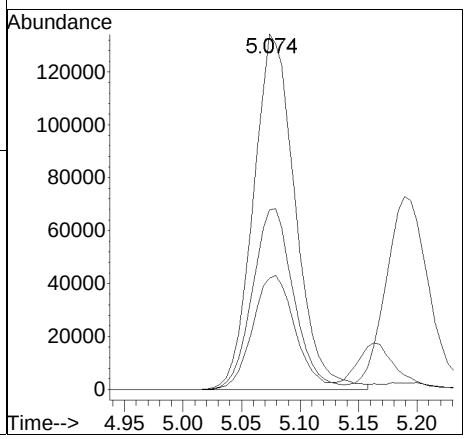


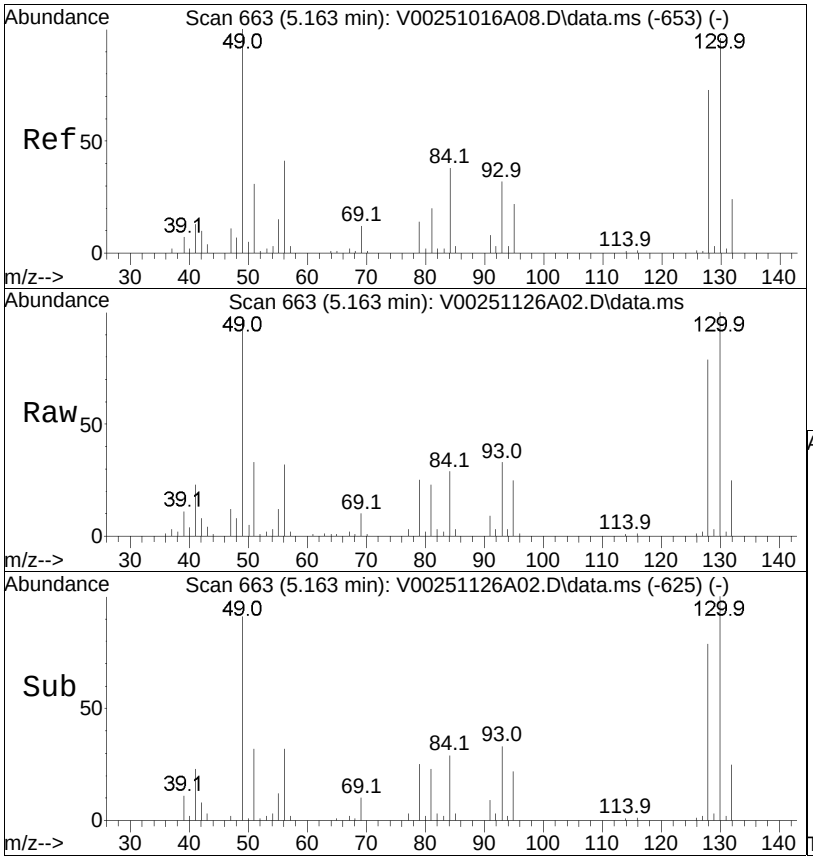


#29
2,2-Dichloropropane
Concen: 39.64 ug/L
RT: 5.074 min Scan# 646
Delta R.T. -0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 77 Resp: 332778

Ion	Ratio	Lower	Upper
77	100		
41	50.2	31.3	64.9
79	32.5	21.1	43.9

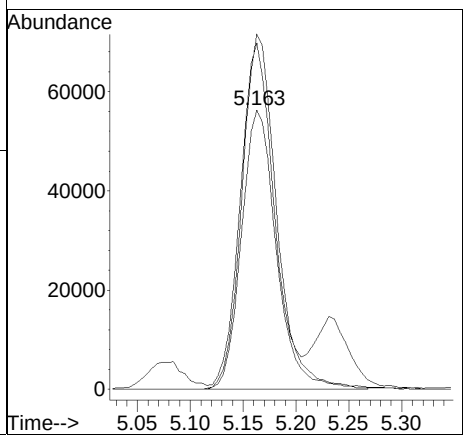


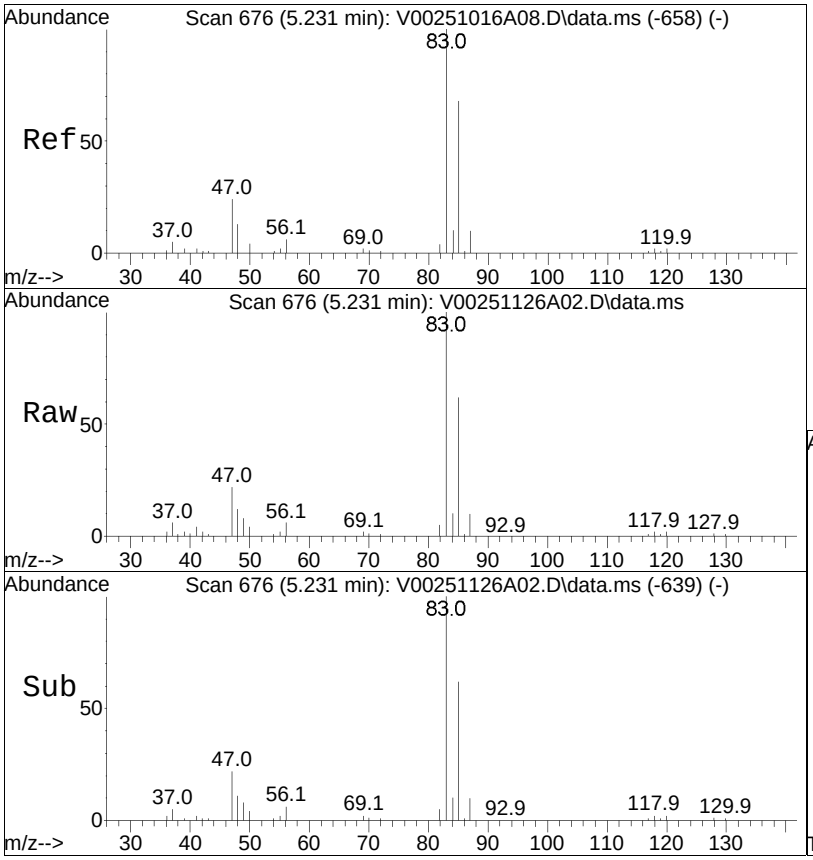


#31
Bromochloromethane
Concen: 40.46 ug/L
RT: 5.163 min Scan# 663
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:128 Resp: 129809

Ion	Ratio	Lower	Upper
128	100		
49	118.9	113.6	170.4
130	126.9	101.9	152.9

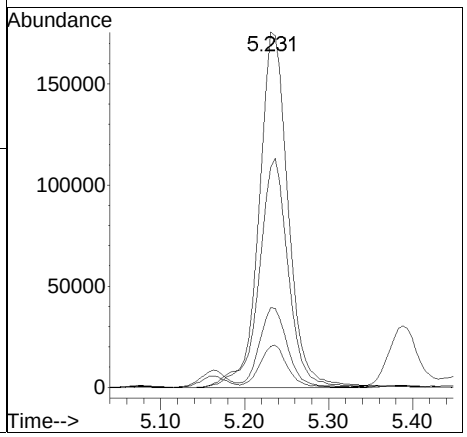


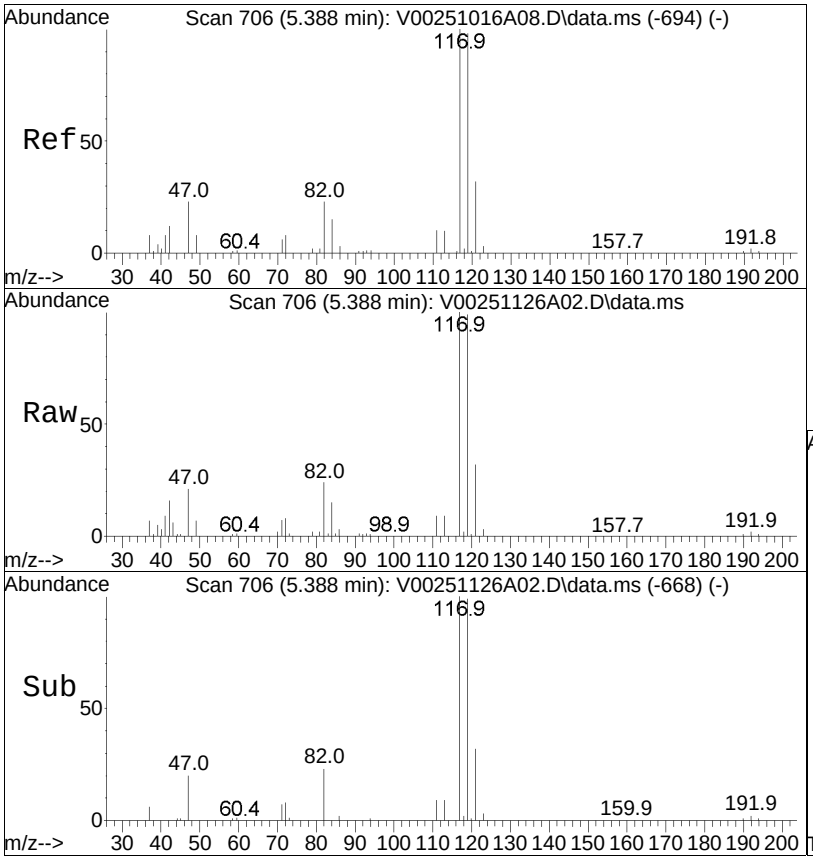


#33
Chloroform
Concen: 38.45 ug/L
RT: 5.231 min Scan# 676
Delta R.T. -0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 83 Resp: 422160

Ion	Ratio	Lower	Upper
83	100		
85	65.7	43.3	89.9
47	21.4	14.4	29.8
48	11.3	7.5	15.7

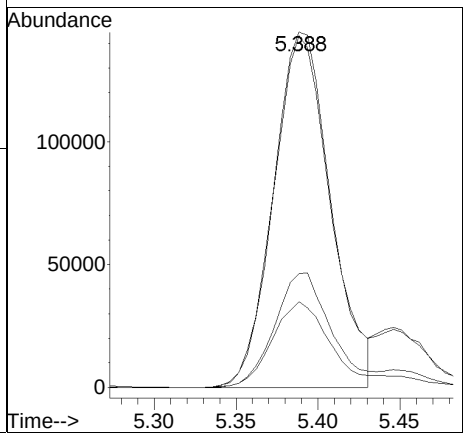


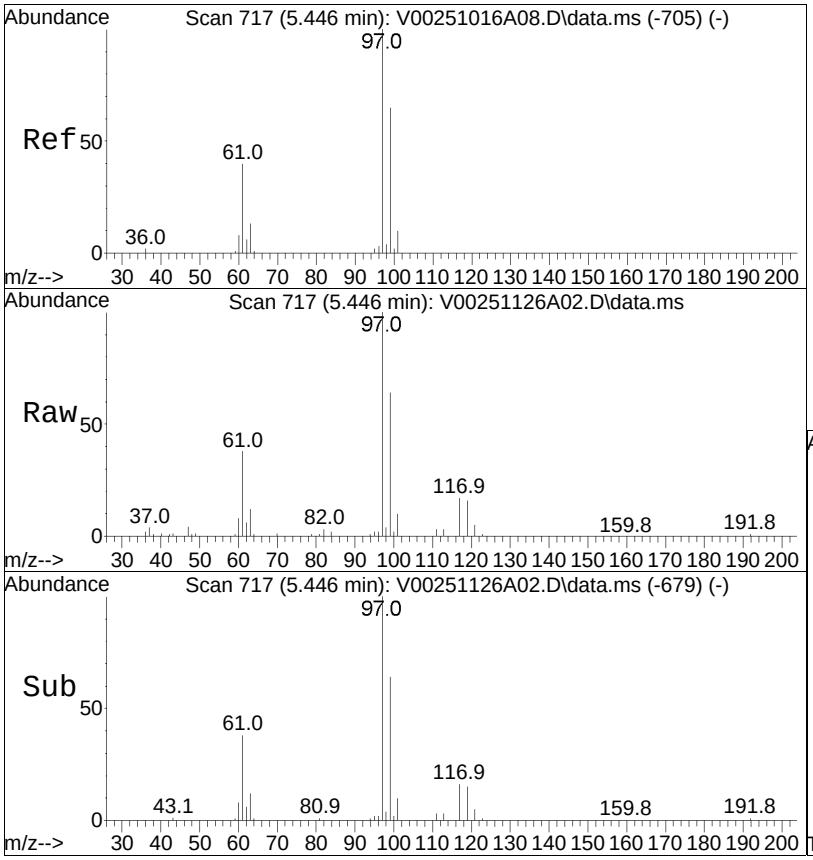


#35
Carbon tetrachloride
Concen: 44.56 ug/L
RT: 5.388 min Scan# 706
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:117 Resp: 353591

Ion	Ratio	Lower	Upper
117	100		
119	97.5	62.7	130.3
121	31.8	20.5	42.7
82	27.1	17.4	36.2

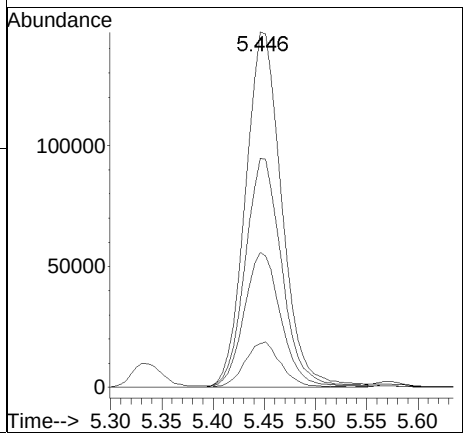


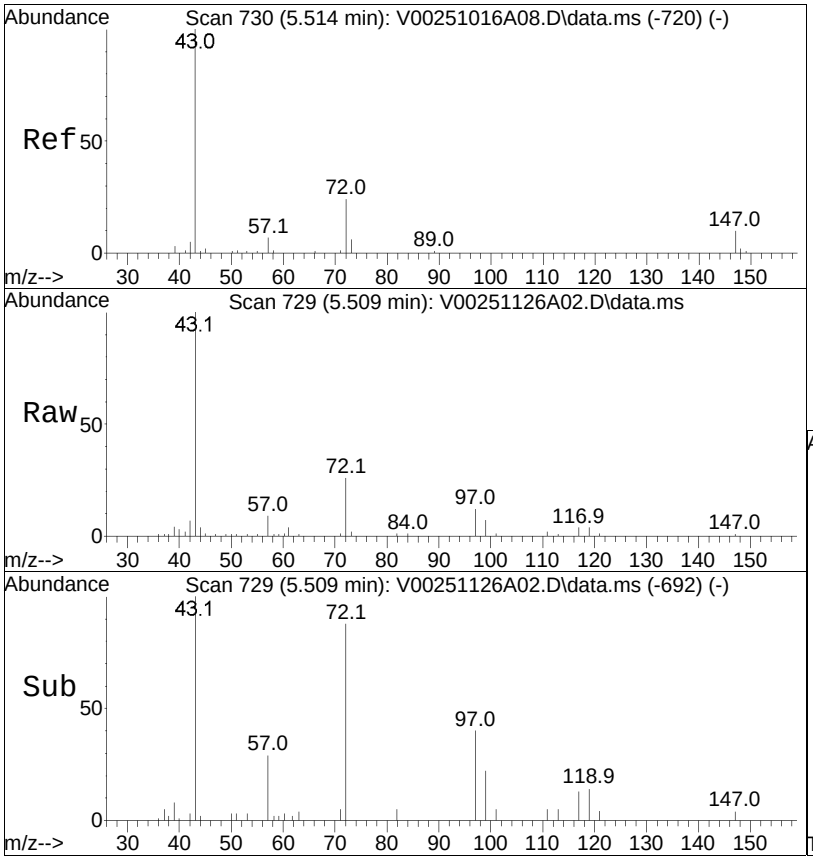


#38
1,1,1-Trichloroethane
Concen: 43.88 ug/L
RT: 5.446 min Scan# 717
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 97 Resp: 364529

Ion	Ratio	Lower	Upper
97	100		
99	65.4	41.5	86.3
61	38.3	30.6	63.6
63	12.8	9.9	20.5

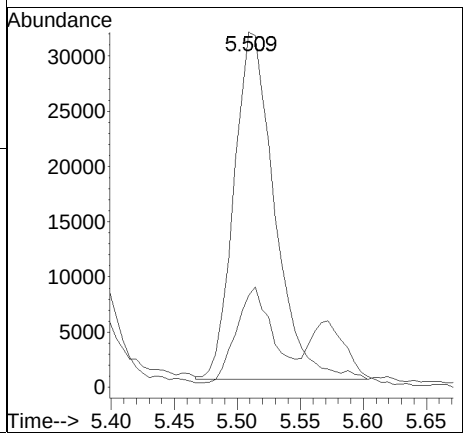


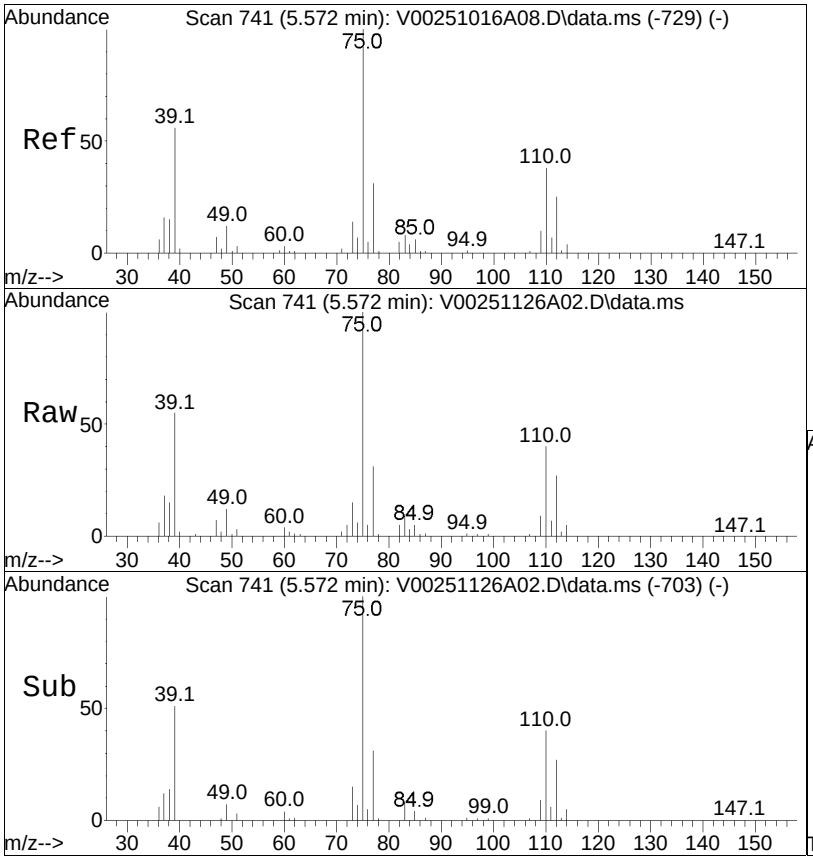


#40
2-Butanone
Concen: 34.15 ug/L
RT: 5.509 min Scan# 729
Delta R.T. -0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 43 Resp: 70528

Ion	Ratio	Lower	Upper
43	100		
72	26.7	19.4	29.0

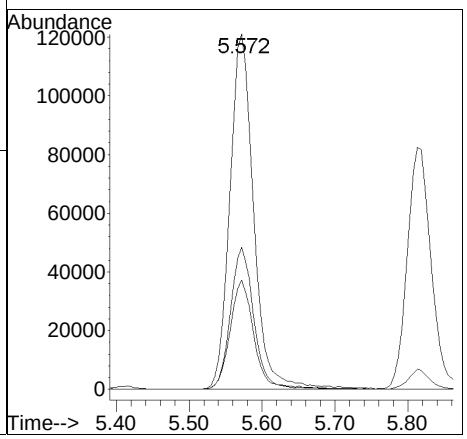


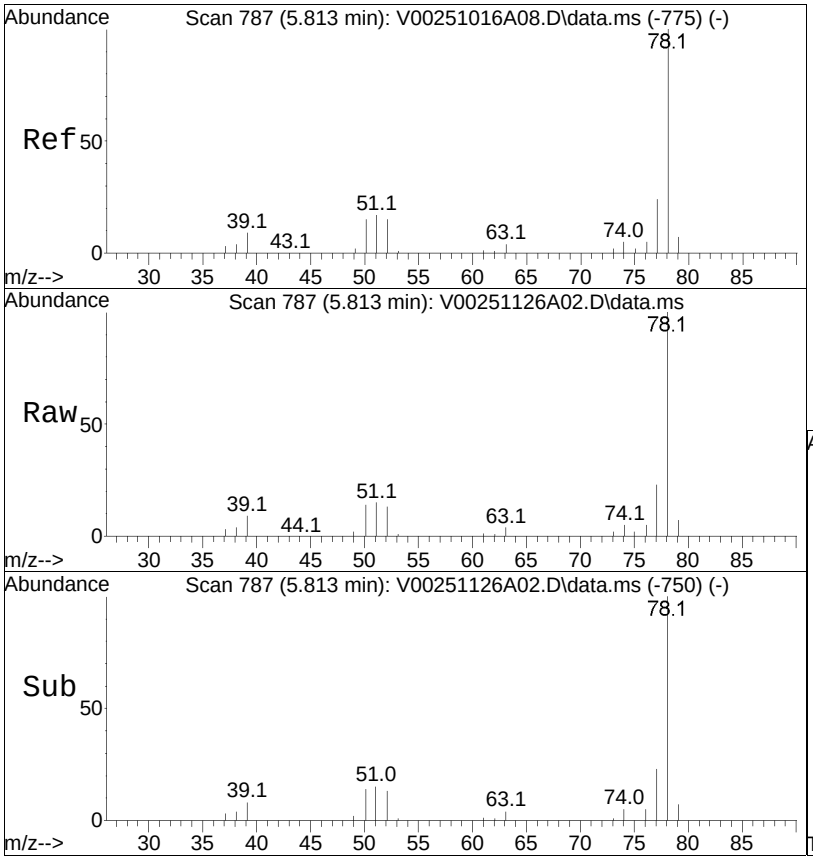


#41
1,1-Dichloropropene
Concen: 41.64 ug/L
RT: 5.572 min Scan# 741
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 75 Resp: 277636

Ion	Ratio	Lower	Upper
75	100		
110	39.3	22.9	47.5
77	30.0	19.6	40.6

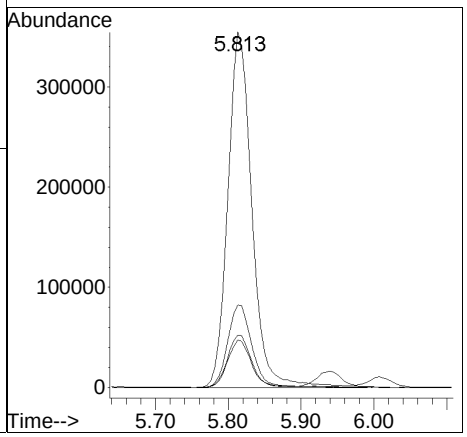


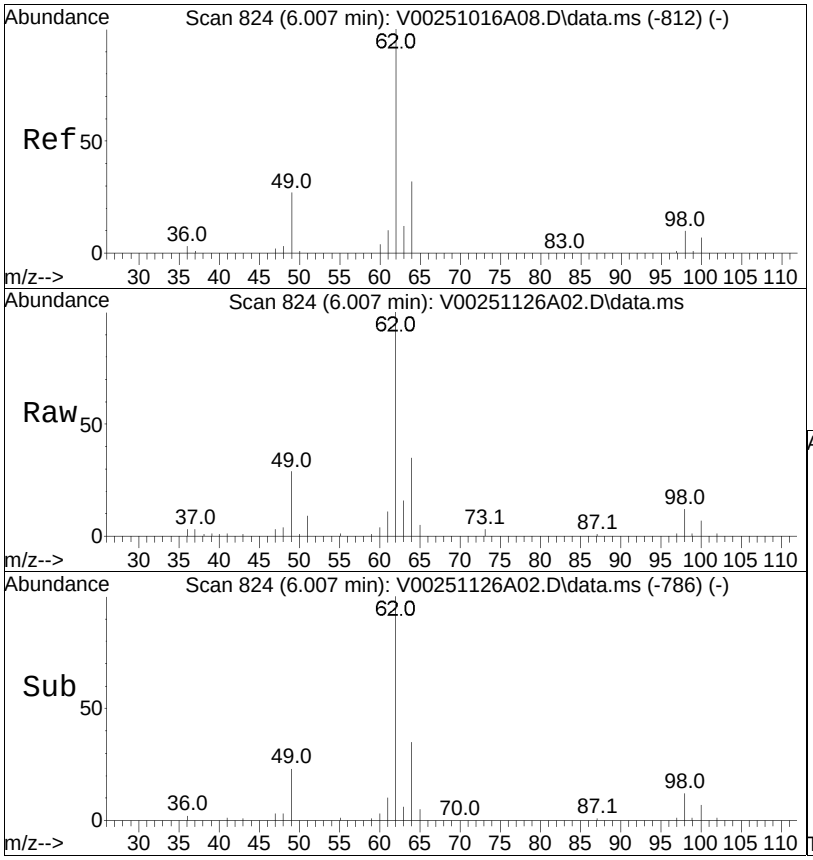


#42
Benzene
Concen: 37.82 ug/L
RT: 5.813 min Scan# 787
Delta R.T. -0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 78 Resp: 816277

Ion	Ratio	Lower	Upper
78	100		
77	23.6	15.6	32.4
51	14.7	10.2	21.2
52	13.2	9.6	19.8

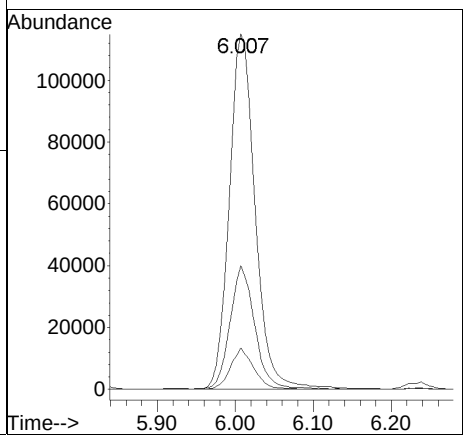


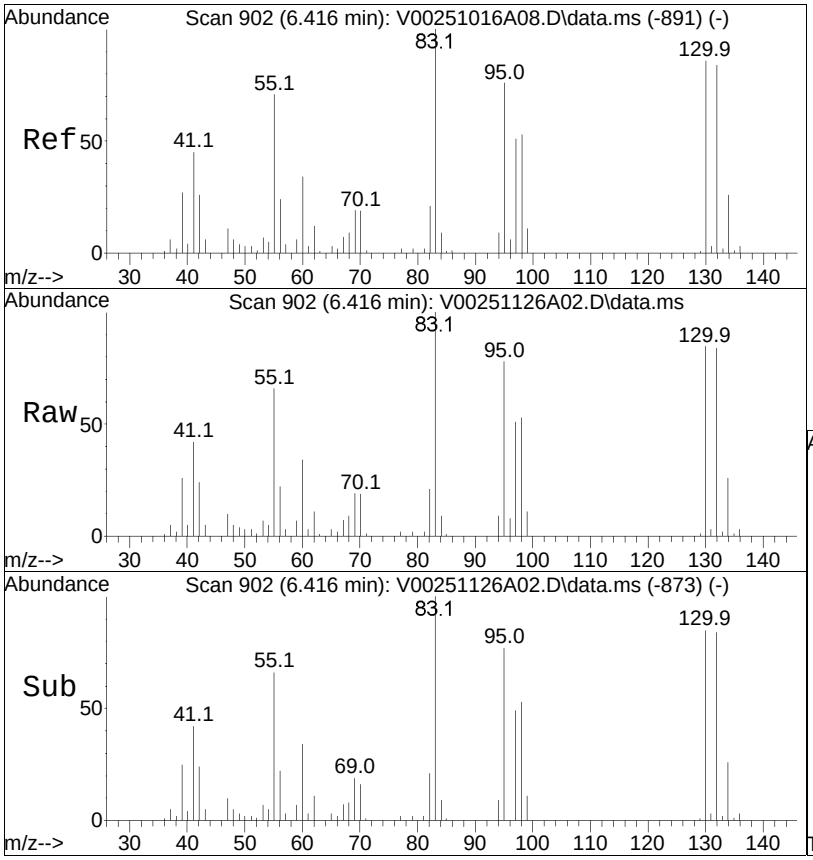


#45
1,2-Dichloroethane
Concen: 38.30 ug/L
RT: 6.007 min Scan# 824
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 62 Resp: 265808

Ion	Ratio	Lower	Upper
62	100		
64	33.5	12.6	52.6
98	10.5	0.0	28.7

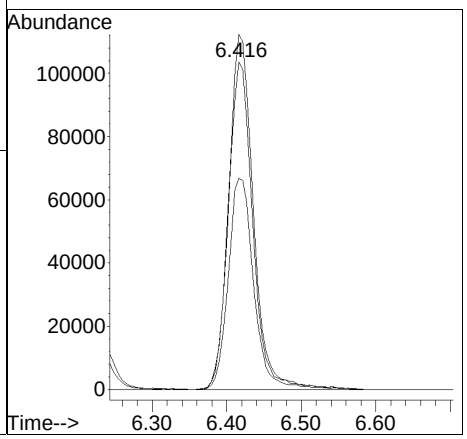


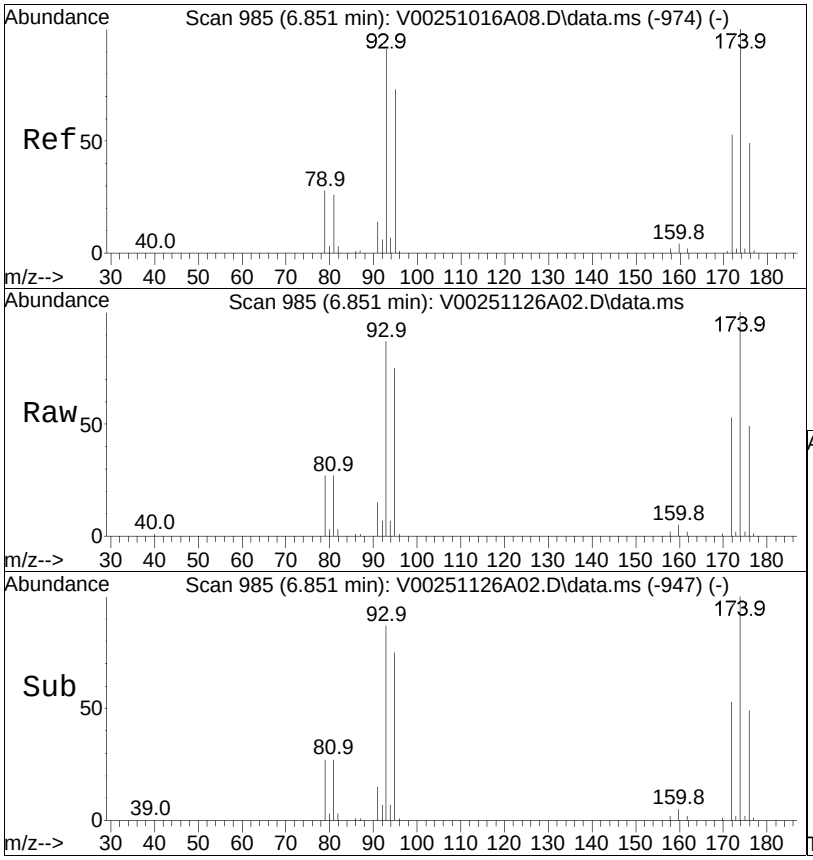


#49
Trichloroethene
Concen: 39.72 ug/L
RT: 6.416 min Scan# 902
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 95 Resp: 237858

Ion	Ratio	Lower	Upper
95	100		
97	66.7	54.2	81.4
130	109.3	77.0	115.6

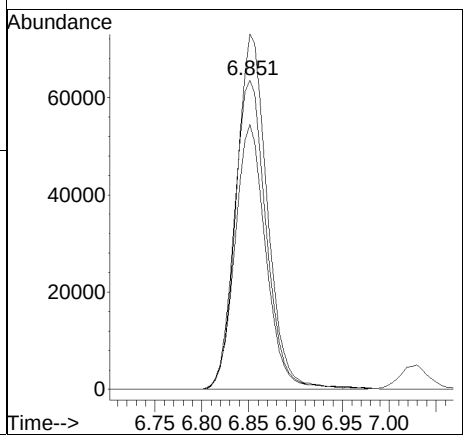


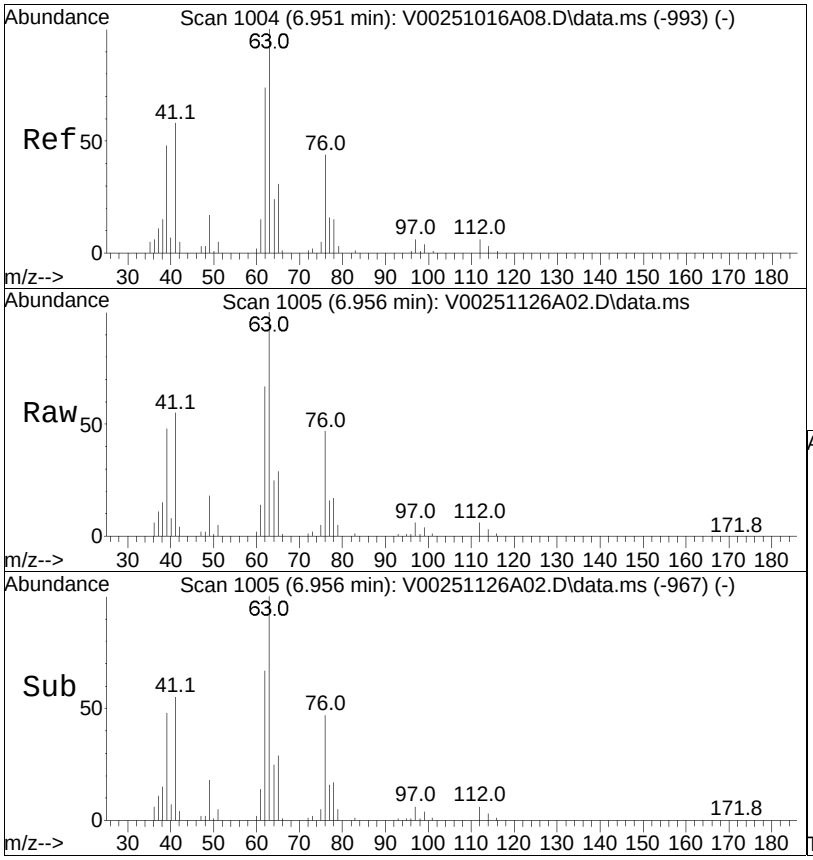


#51
Dibromomethane
Concen: 40.04 ug/L
RT: 6.851 min Scan# 985
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 93 Resp: 150095

Ion	Ratio	Lower	Upper
93	100		
95	84.3	66.6	100.0
174	111.5	76.7	115.1

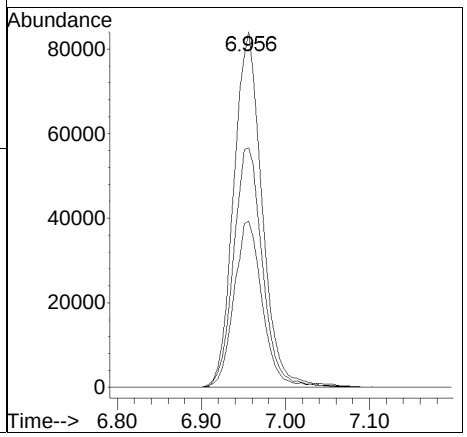


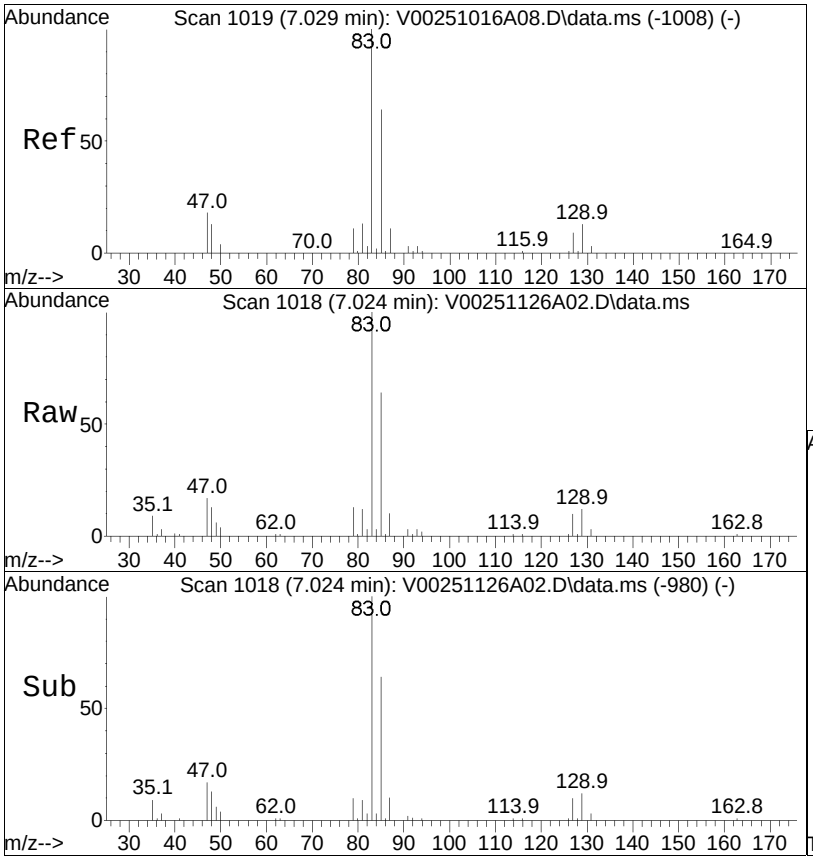


#52
1,2-Dichloropropane
Concen: 35.41 ug/L
RT: 6.956 min Scan# 1005
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 63 Resp: 197890

Ion	Ratio	Lower	Upper
63	100		
62	68.7	57.8	86.8
76	46.9	34.0	51.0

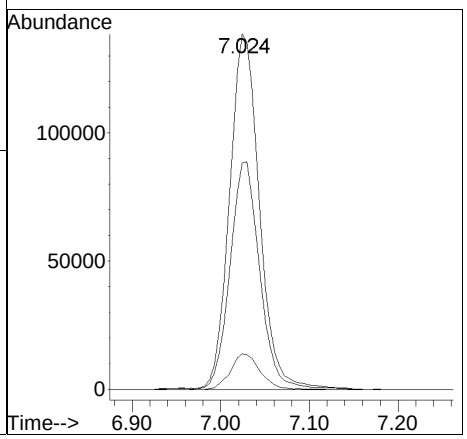


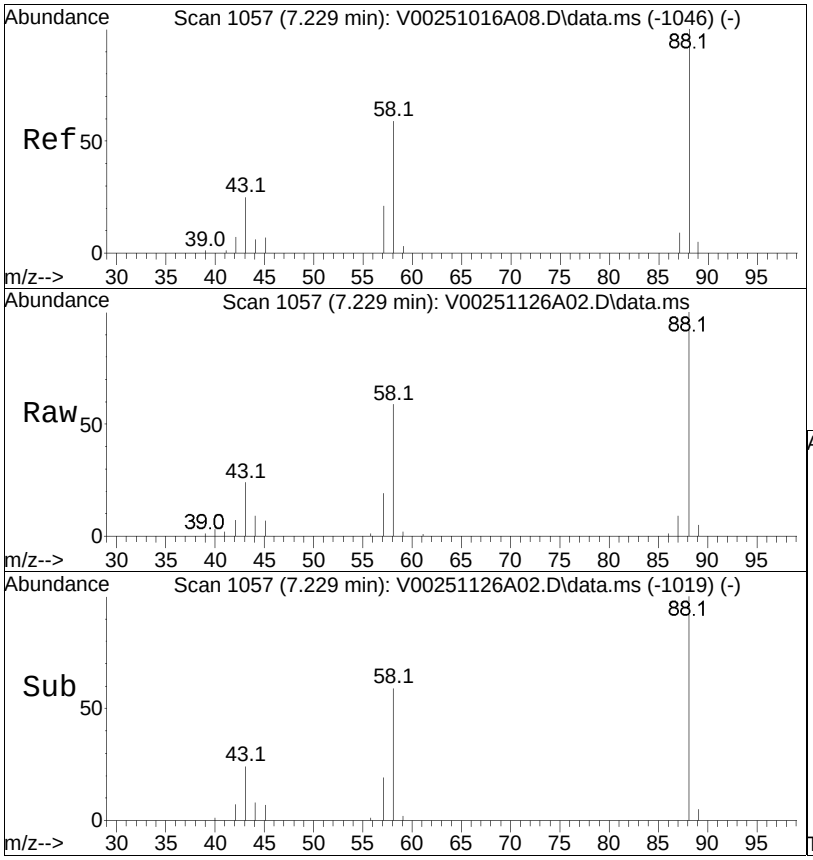


#55
Bromodichloromethane
Concen: 39.19 ug/L
RT: 7.024 min Scan# 1018
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 83 Resp: 325106

Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.9	76.3
127	9.9	6.6	9.8#

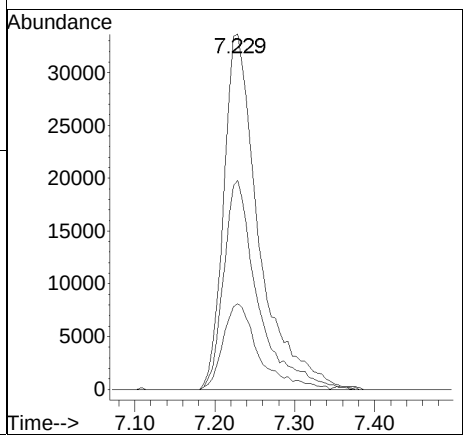


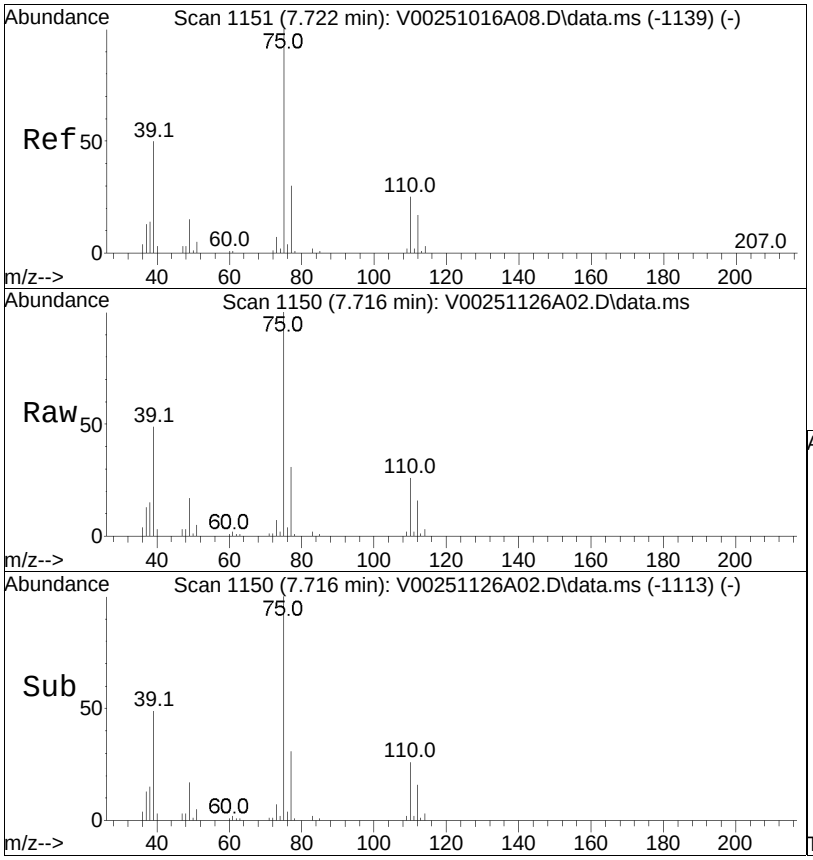


#58
1,4-Dioxane
Concen: 2200.37 ug/L
RT: 7.229 min Scan# 1057
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 88 Resp: 103173

Ion	Ratio	Lower	Upper
88	100		
58	57.2	54.6	82.0
43	24.6	17.8	26.6

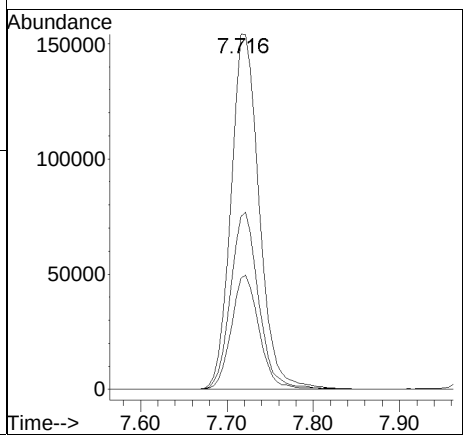


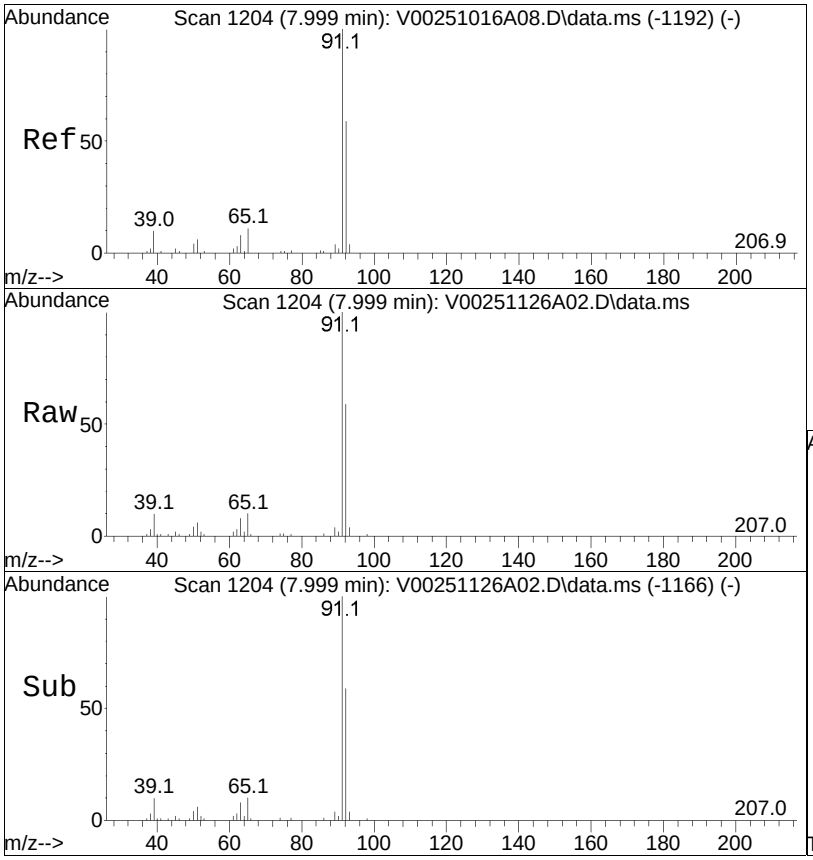


#59
cis-1,3-Dichloropropene
Concen: 38.41 ug/L
RT: 7.716 min Scan# 1150
Delta R.T. -0.006 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 75 Resp: 352374

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.7	38.5
39	49.5	32.3	48.5#

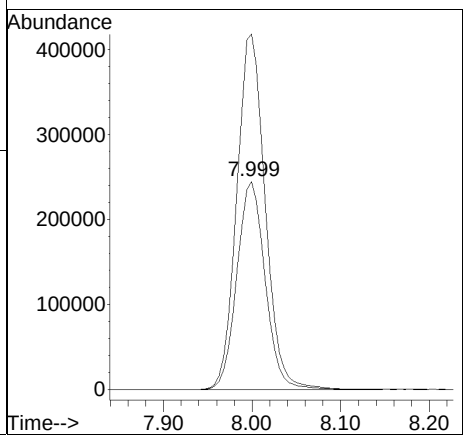


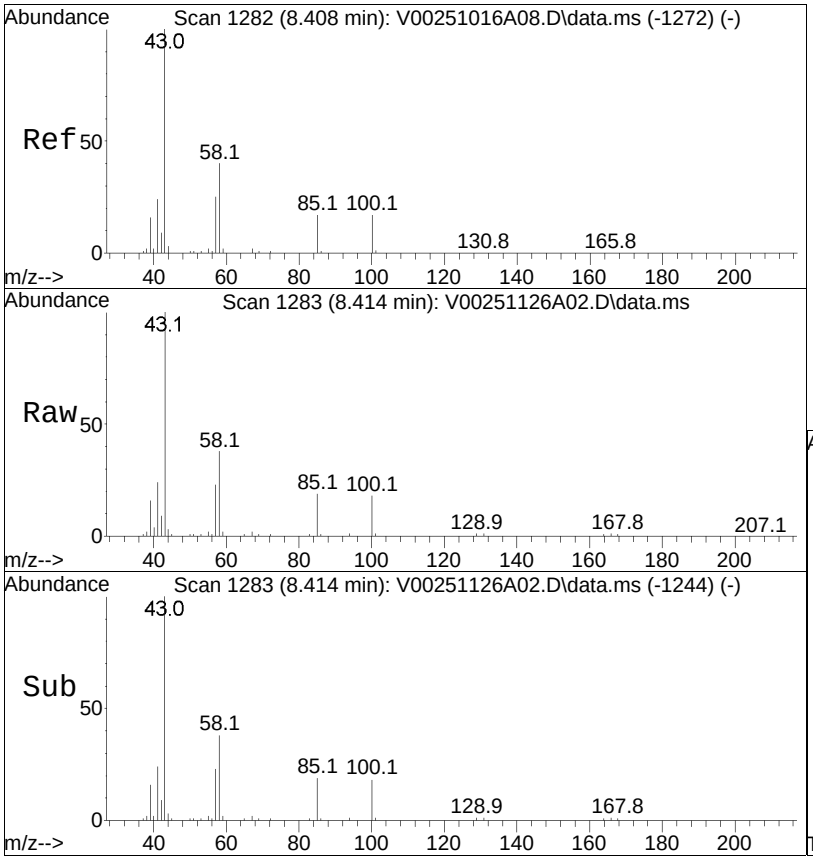


#62
Toluene
Concen: 42.35 ug/L
RT: 7.999 min Scan# 1204
Delta R.T. -0.001 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 92 Resp: 542267

Ion	Ratio	Lower	Upper
92	100		
91	171.6	138.2	207.2

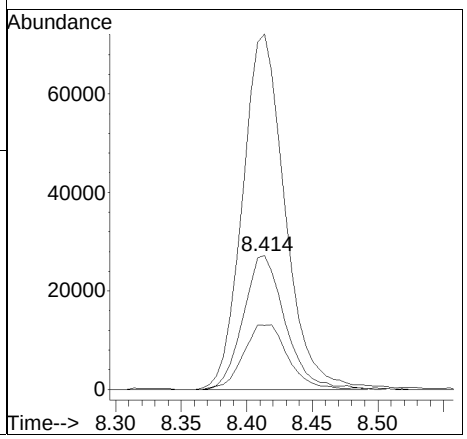


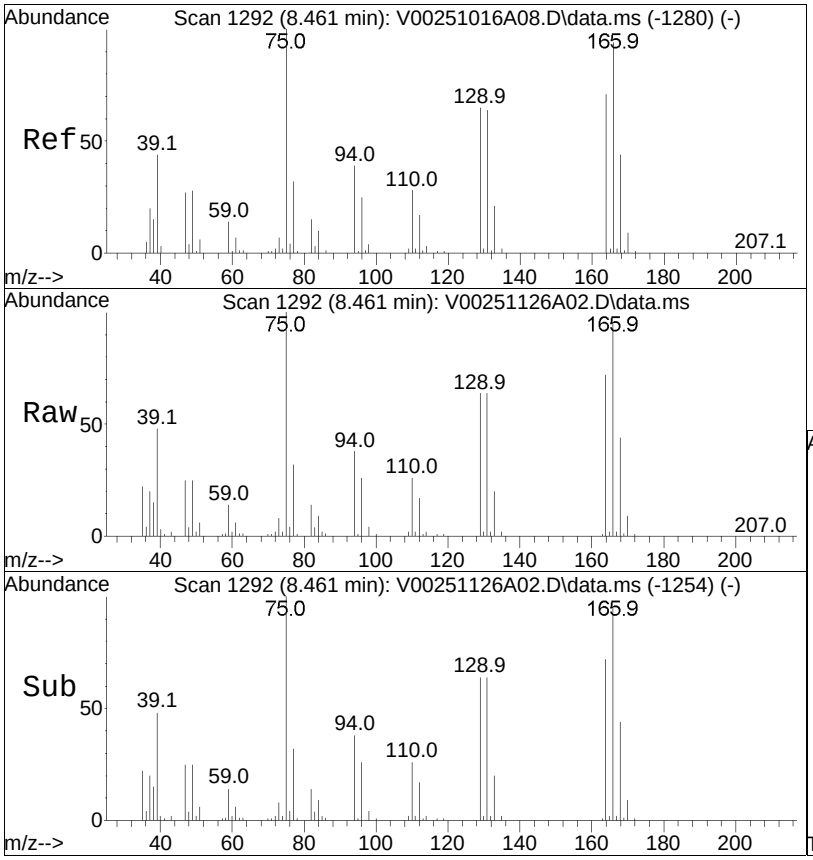


#63
4-Methyl-2-pentanone
Concen: 39.32 ug/L
RT: 8.414 min Scan# 1283
Delta R.T. 0.006 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 58 Resp: 60659

Ion	Ratio	Lower	Upper
58	100		
100	50.9	31.2	46.8#
43	269.3	156.5	234.7#

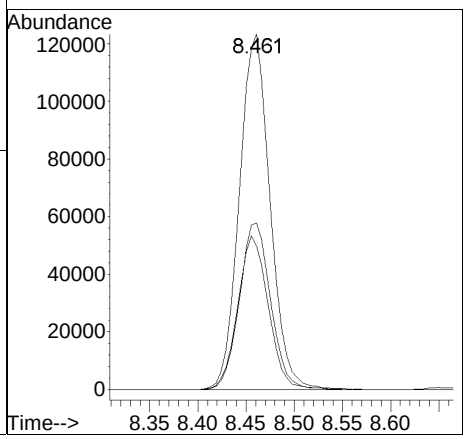


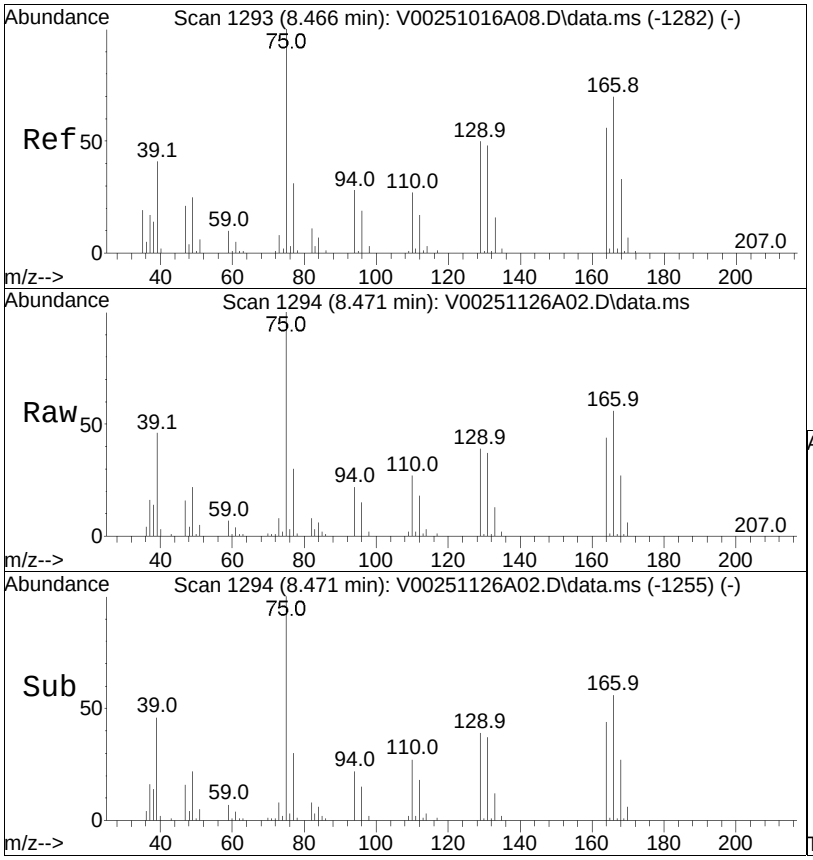


#64
Tetrachloroethene
Concen: 49.76 ug/L
RT: 8.461 min Scan# 1292
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:166 Resp: 273104

Ion	Ratio	Lower	Upper
166	100		
168	47.7	29.2	69.2
94	42.9	29.0	69.0

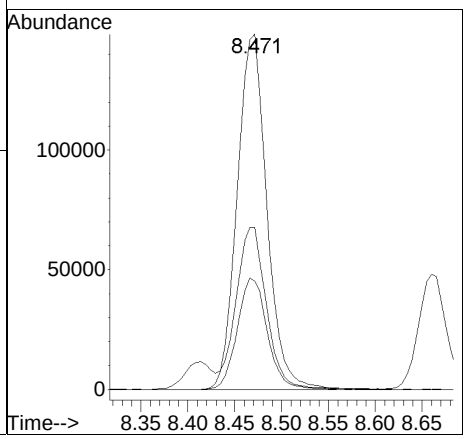


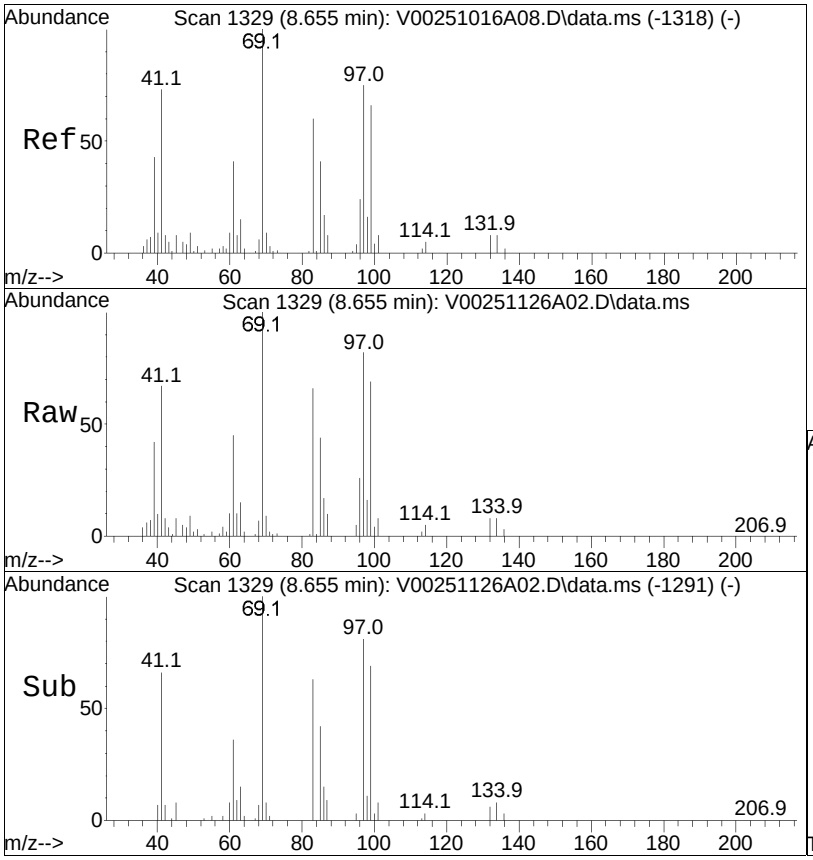


#66
trans-1,3-Dichloropropene
Concen: 42.70 ug/L
RT: 8.471 min Scan# 1294
Delta R.T. 0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 75 Resp: 327638

Ion	Ratio	Lower	Upper
75	100		
77	31.6	11.8	51.8
39	46.3	23.7	63.7

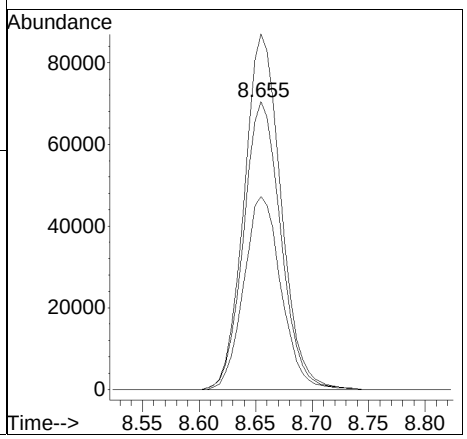


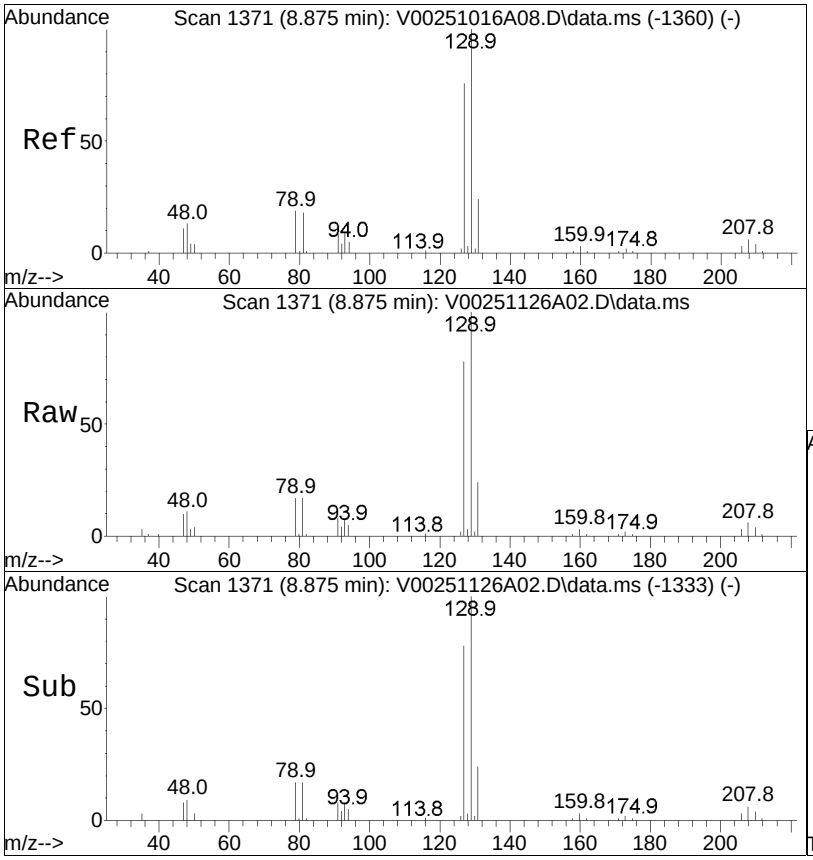


#69
1,1,2-Trichloroethane
Concen: 41.70 ug/L
RT: 8.655 min Scan# 1329
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 83 Resp: 161495

Ion	Ratio	Lower	Upper
83	100		
97	122.2	98.8	138.8
85	67.2	46.5	86.5

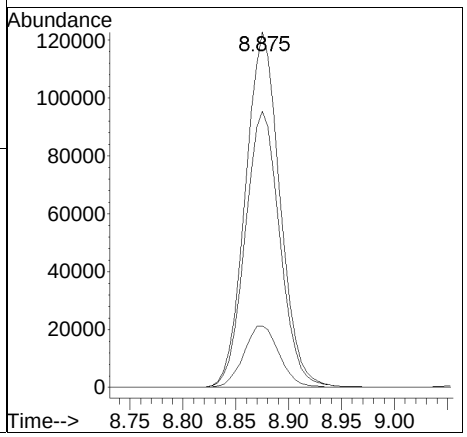


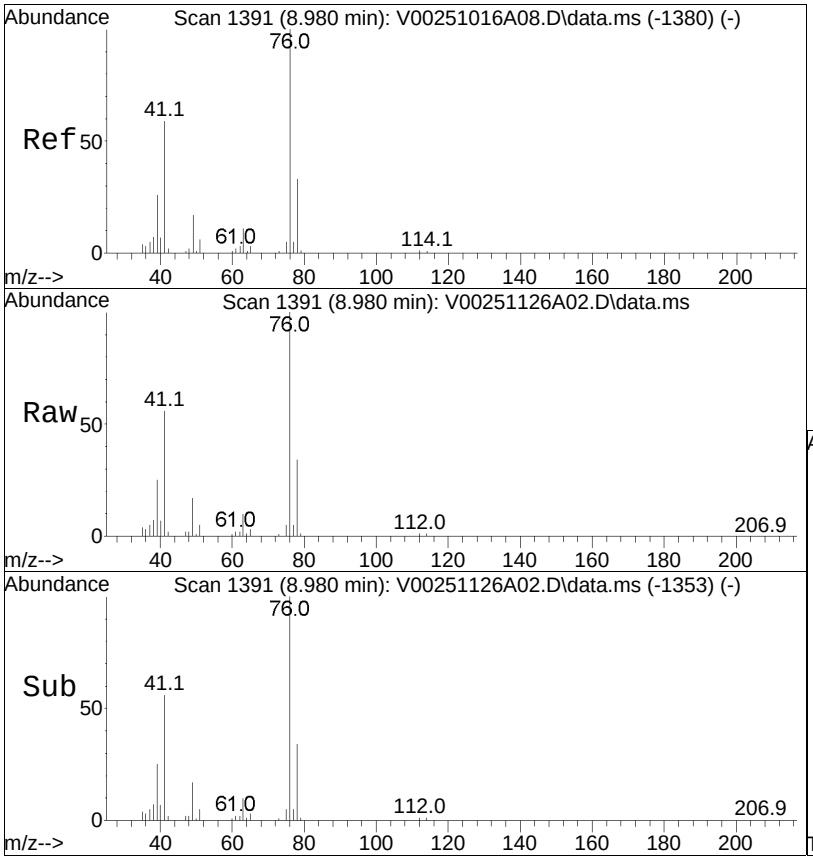


#70
Chlorodibromomethane
Concen: 47.02 ug/L
RT: 8.875 min Scan# 1371
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:129 Resp: 279327

Ion	Ratio	Lower	Upper
129	100		
81	17.8	0.1	40.1
127	78.3	58.4	98.4

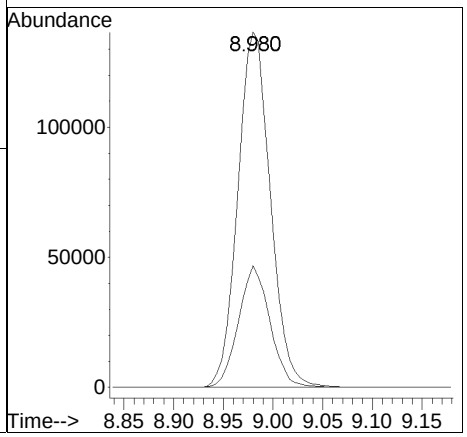


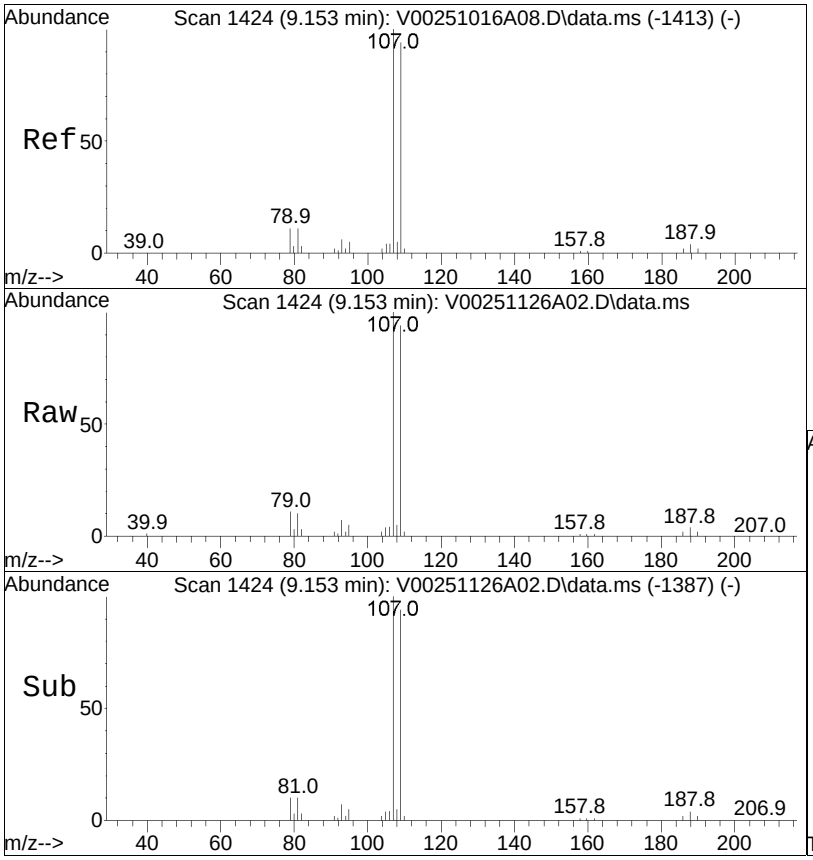


#71
1,3-Dichloropropane
Concen: 41.91 ug/L
RT: 8.980 min Scan# 1391
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 76 Resp: 311559

Ion	Ratio	Lower	Upper
76	100		
78	33.1	26.2	39.2

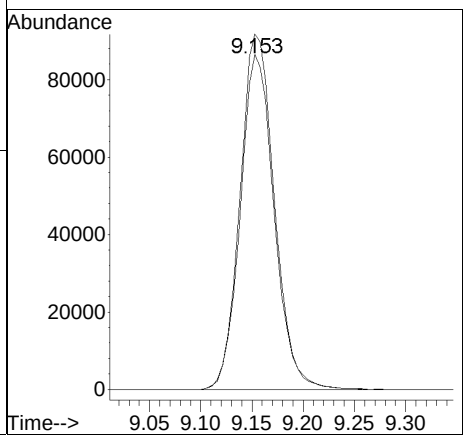


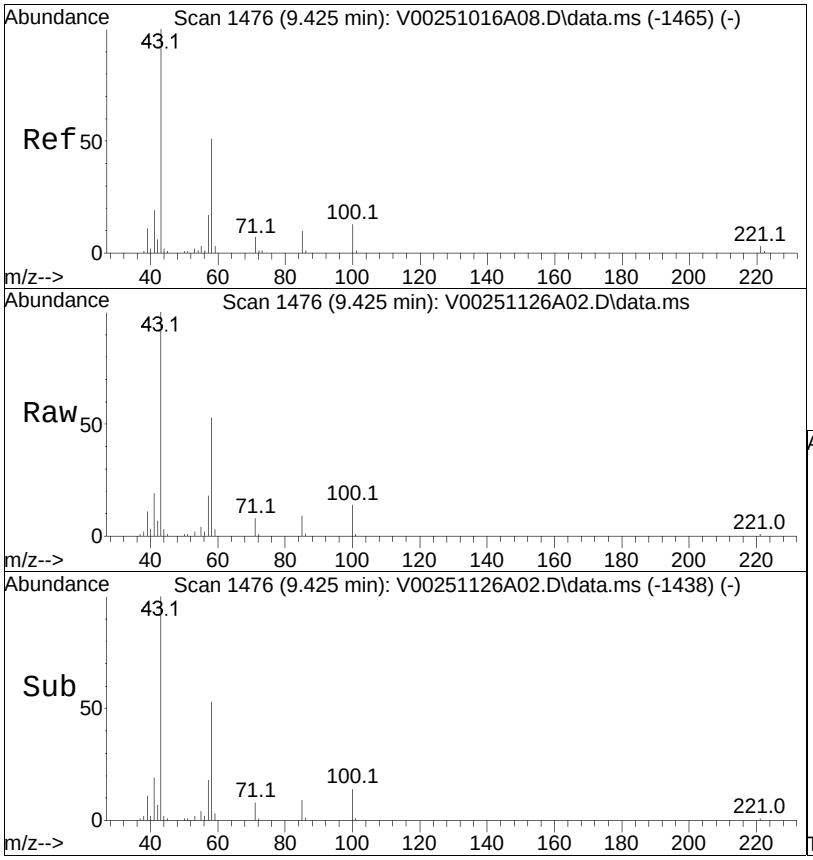


#72
1,2-Dibromoethane
Concen: 46.74 ug/L
RT: 9.153 min Scan# 1424
Delta R.T. -0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:107 Resp: 214254

Ion	Ratio	Lower	Upper
107	100		
109	92.8	75.4	113.0

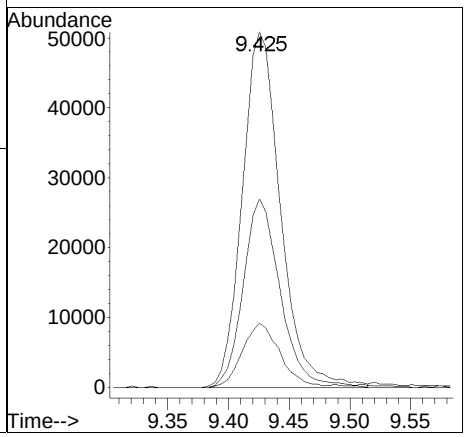


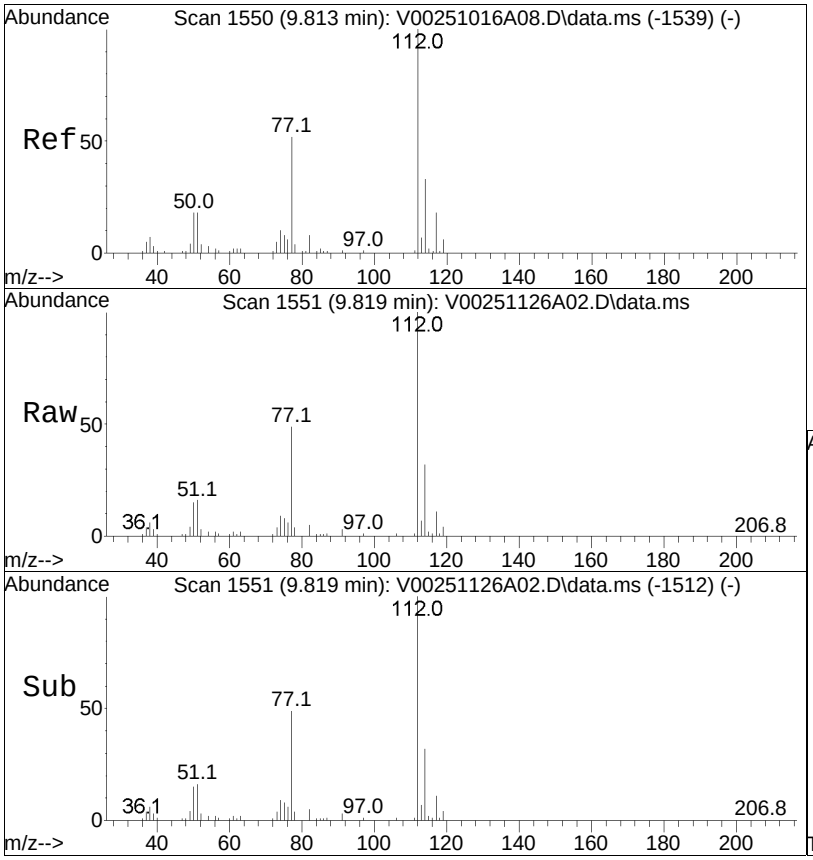


#73
2-Hexanone
Concen: 37.73 ug/L
RT: 9.425 min Scan# 1476
Delta R.T. -0.001 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 43 Resp: 111459

Ion	Ratio	Lower	Upper
43	100		
58	51.8	54.2	81.4#
57	17.9	17.8	26.6

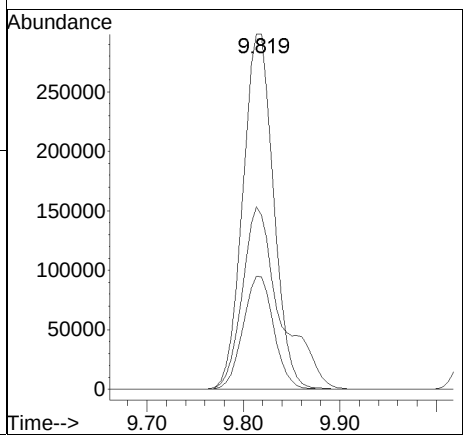


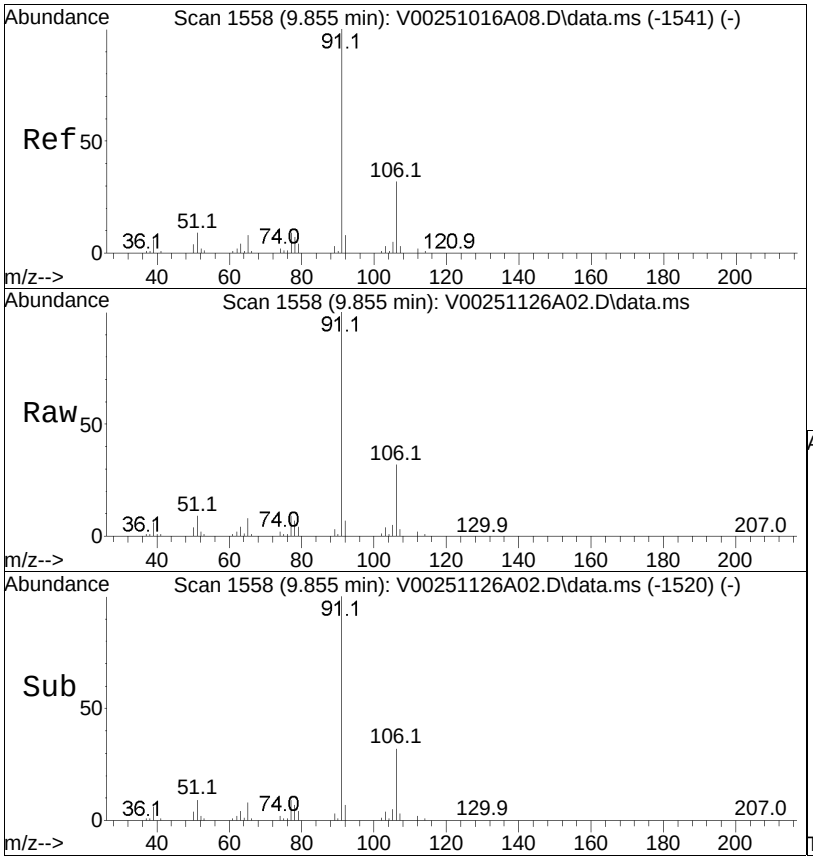


#74
Chlorobenzene
Concen: 43.21 ug/L
RT: 9.819 min Scan# 1551
Delta R.T. 0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:112 Resp: 664559

Ion	Ratio	Lower	Upper
112	100		
77	63.7	57.9	86.9
114	31.8	25.7	38.5

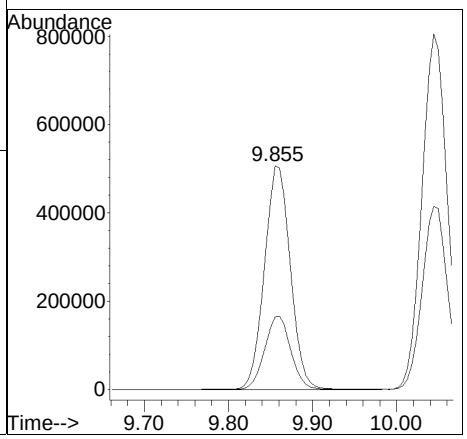


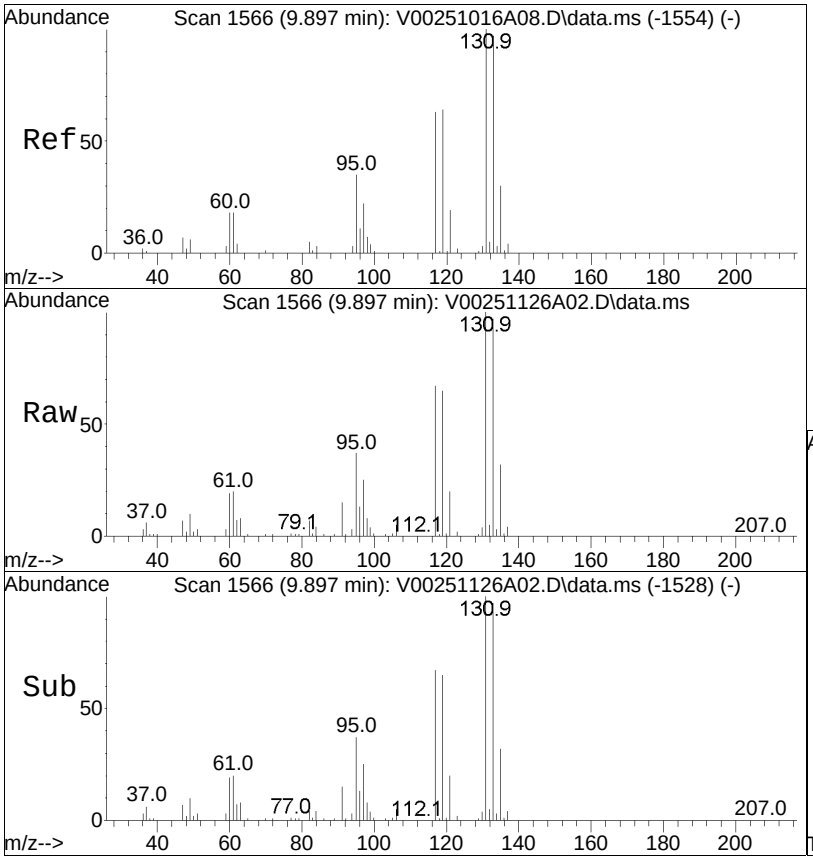


#75
Ethylbenzene
Concen: 43.01 ug/L
RT: 9.855 min Scan# 1558
Delta R.T. -0.001 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 91 Resp: 1083175

Ion	Ratio	Lower	Upper
91	100		
106	32.8	25.1	37.7

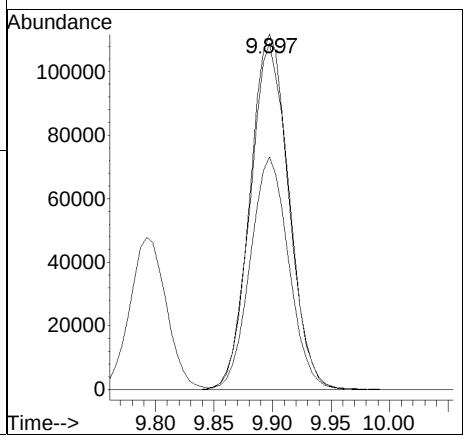


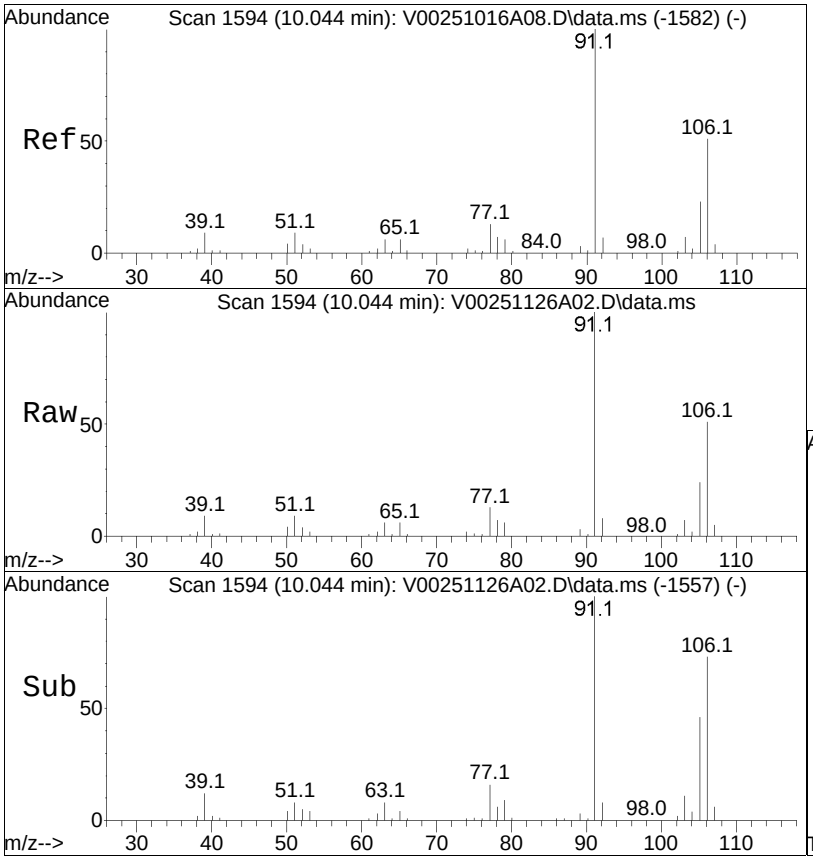


#76
1,1,1,2-Tetrachloroethane
Concen: 47.40 ug/L
RT: 9.897 min Scan# 1566
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:131 Resp: 259098

Ion	Ratio	Lower	Upper
131	100		
133	96.1	76.2	116.2
119	64.5	44.6	84.6

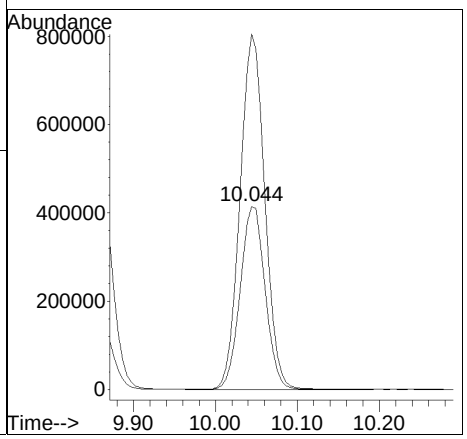


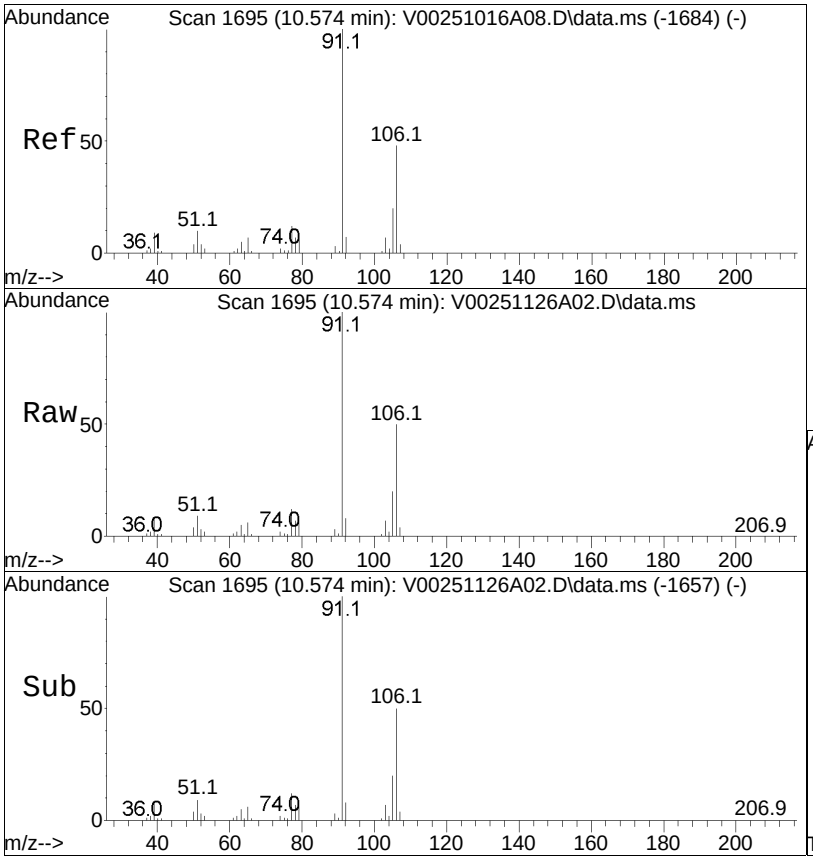


#77
p/m Xylene
Concen: 86.63 ug/L
RT: 10.044 min Scan# 1594
Delta R.T. -0.006 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:106 Resp: 875024

Ion	Ratio	Lower	Upper
106	100		
91	192.2	159.5	239.3

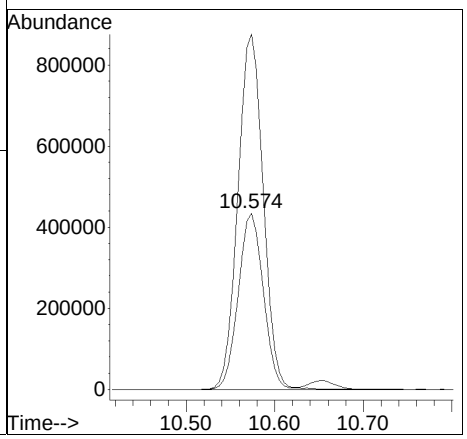


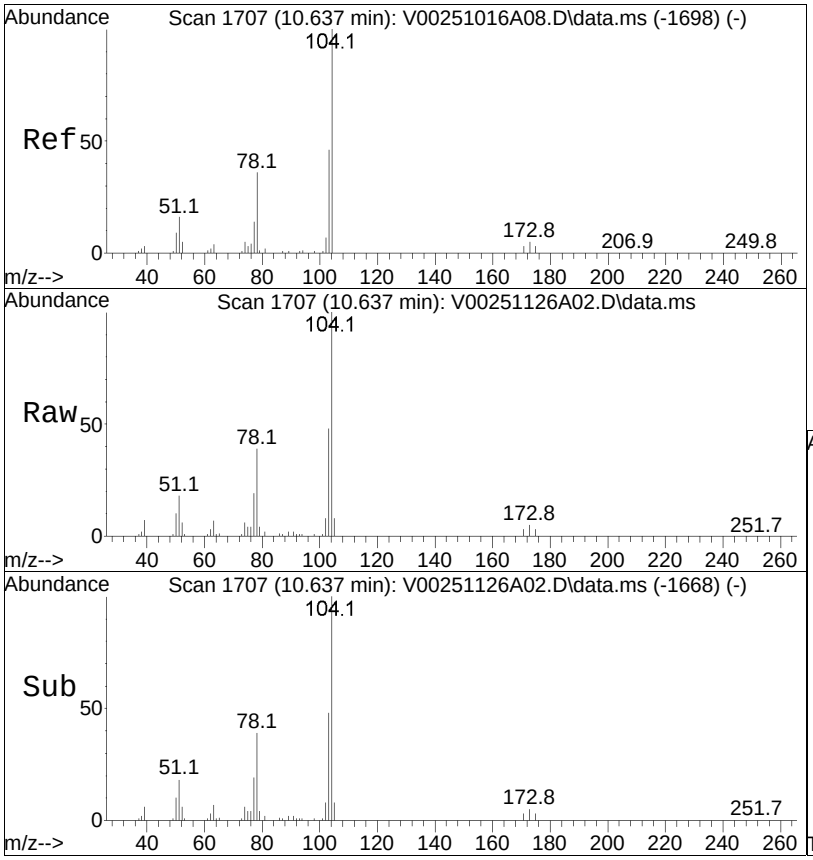


#78
o Xylene
Concen: 85.57 ug/L
RT: 10.574 min Scan# 1695
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:106 Resp: 857848

Ion	Ratio	Lower	Upper
106	100		
91	202.1	168.6	252.8

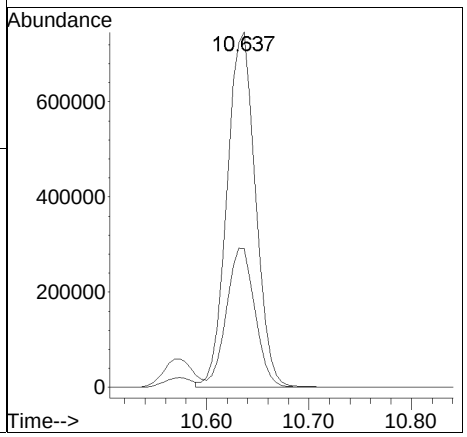


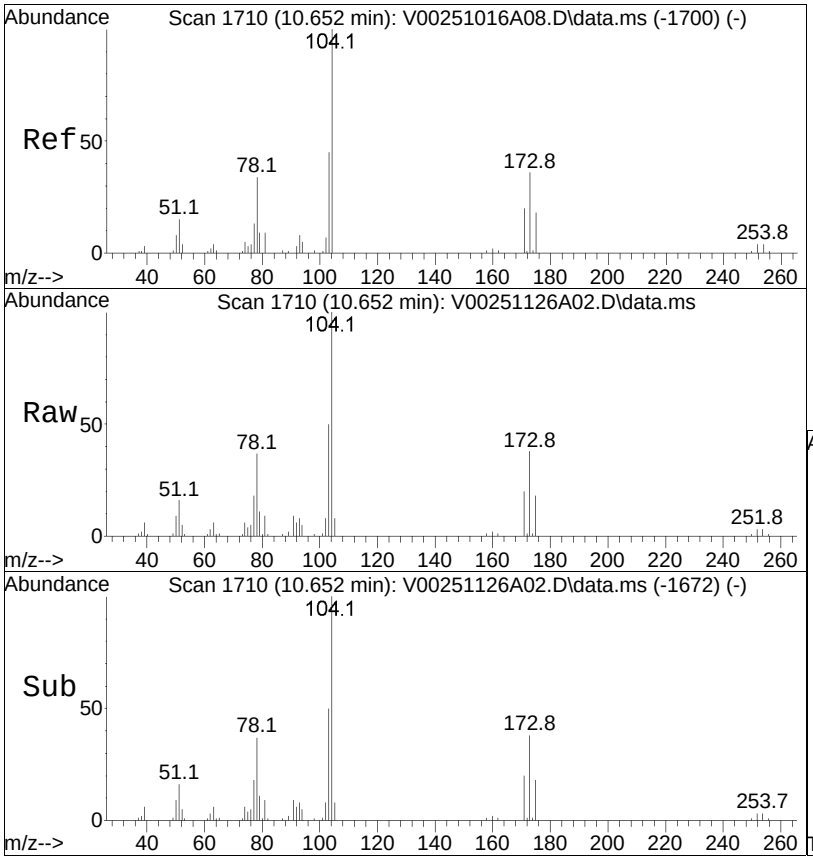


#79
Styrene
Concen: 83.93 ug/L
RT: 10.637 min Scan# 1707
Delta R.T. 0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:104 Resp: 1446187

Ion	Ratio	Lower	Upper
104	100		
78	39.1	33.8	50.6

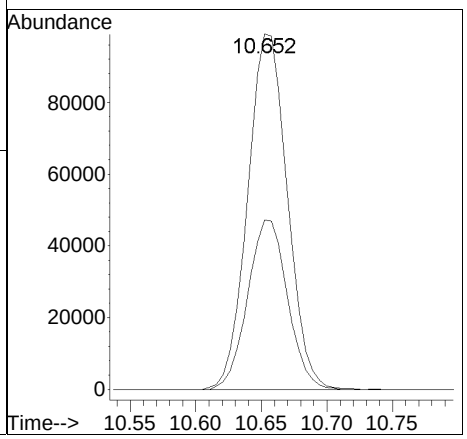


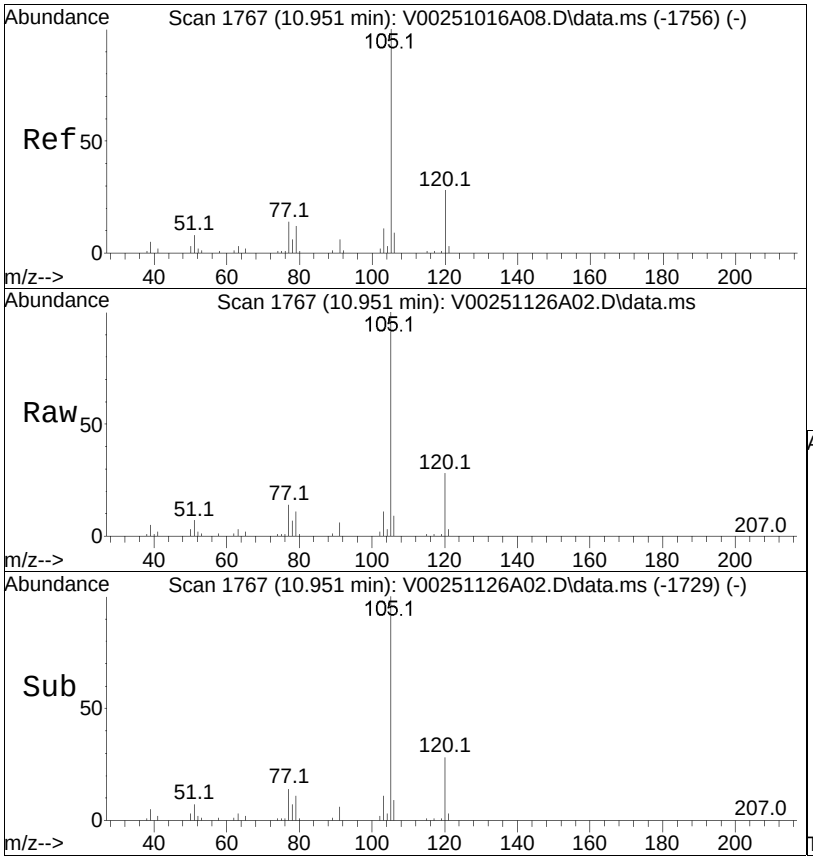


#81
Bromoform
Concen: 44.60 ug/L
RT: 10.652 min Scan# 1710
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:173 Resp: 207918

Ion	Ratio	Lower	Upper
173	100		
175	47.9	27.8	67.8

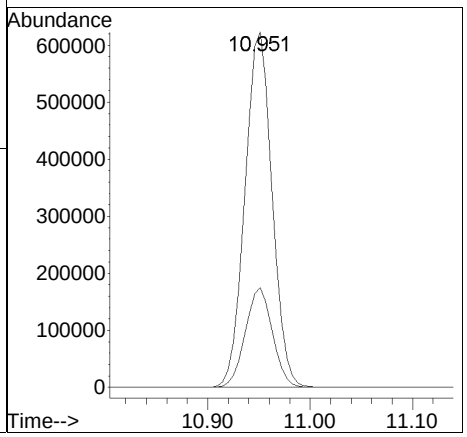


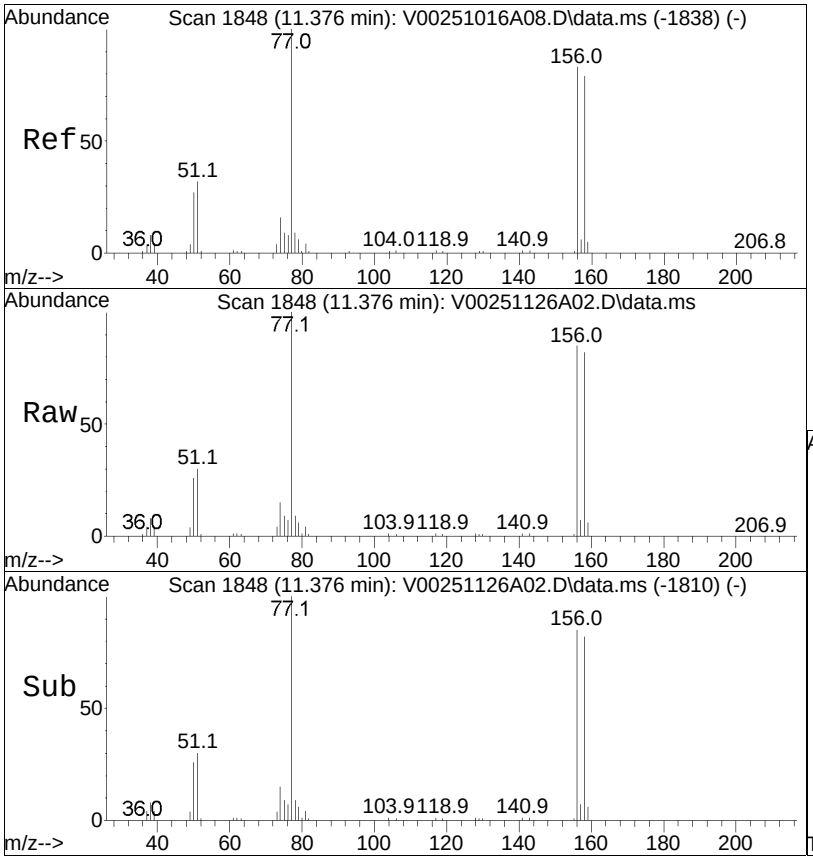


#83
Isopropylbenzene
Concen: 41.93 ug/L
RT: 10.951 min Scan# 1767
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:105 Resp: 1148375

Ion	Ratio	Lower	Upper
105	100		
120	28.0	6.4	46.4

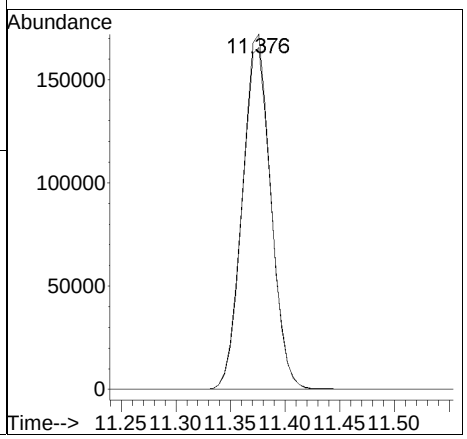


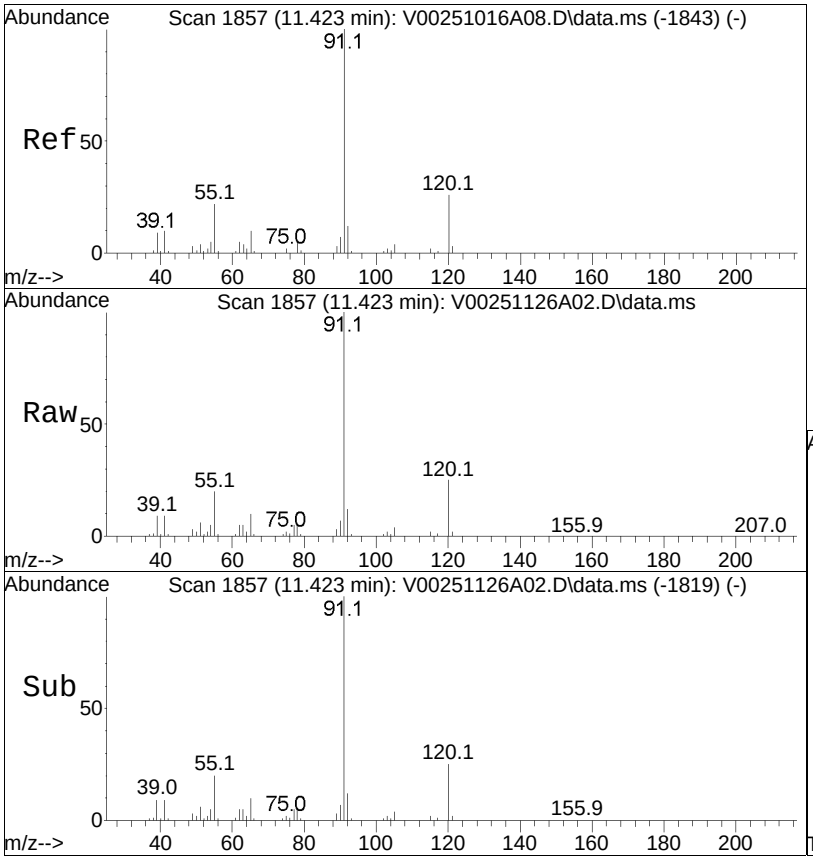


#85
Bromobenzene
Concen: 44.44 ug/L
RT: 11.376 min Scan# 1848
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:156 Resp: 312567

Ion	Ratio	Lower	Upper
156	100		
158	97.2	76.9	115.3

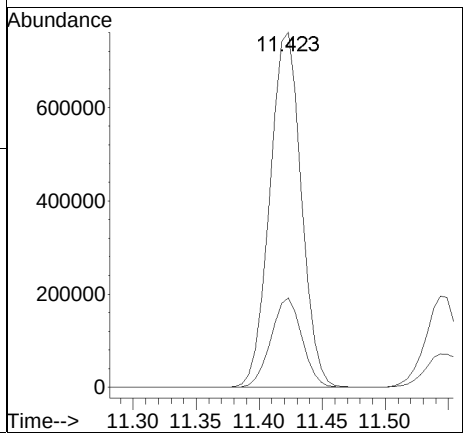


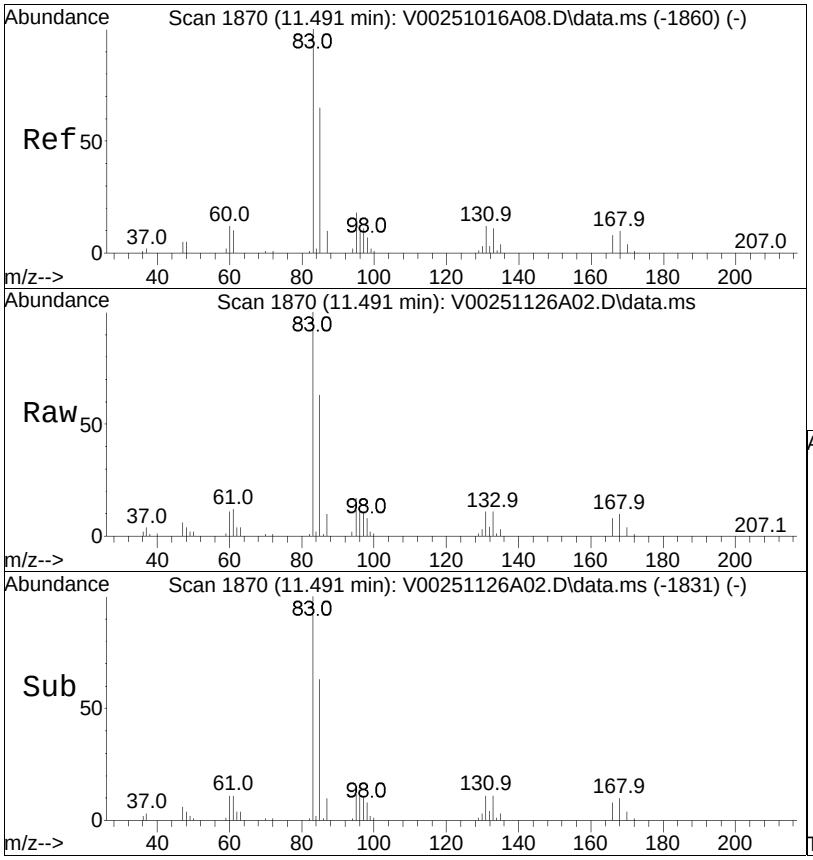


#86
n-Propylbenzene
Concen: 40.02 ug/L
RT: 11.423 min Scan# 1857
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 91 Resp: 1322413

Ion	Ratio	Lower	Upper
91	100		
120	24.8	18.2	27.2

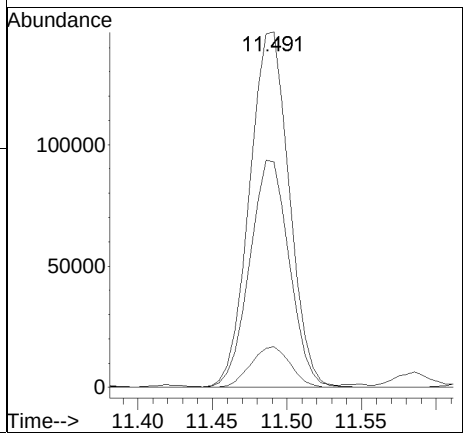


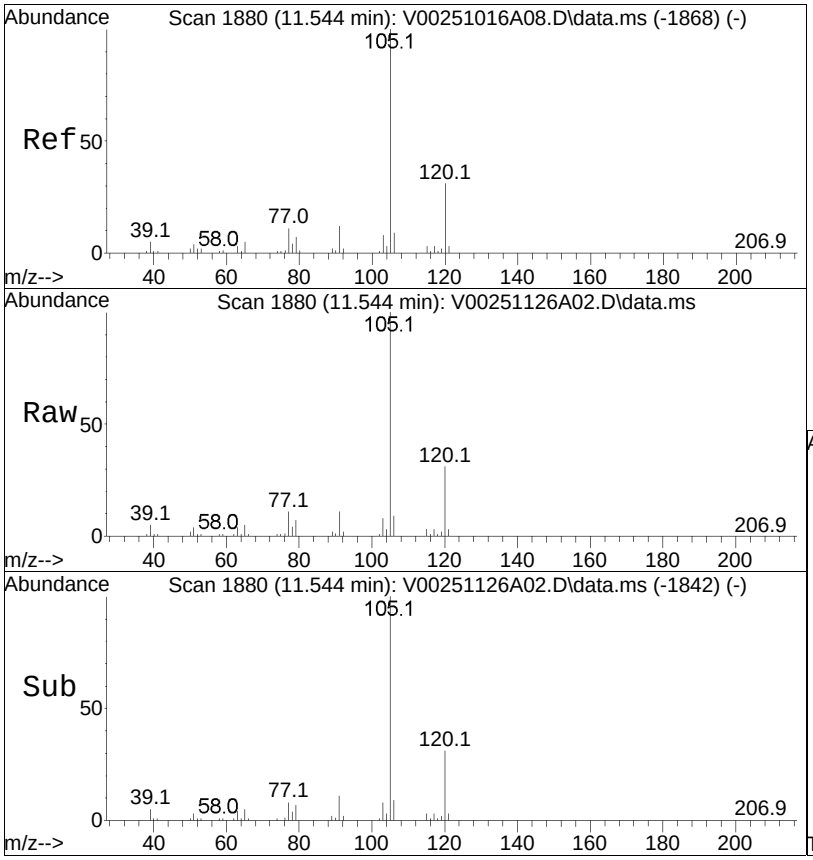


#88
1,1,2,2-Tetrachloroethane
Concen: 40.22 ug/L
RT: 11.491 min Scan# 1870
Delta R.T. 0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 83 Resp: 271613

Ion	Ratio	Lower	Upper
83	100		
131	11.4	0.0	30.1
85	63.4	45.9	85.9

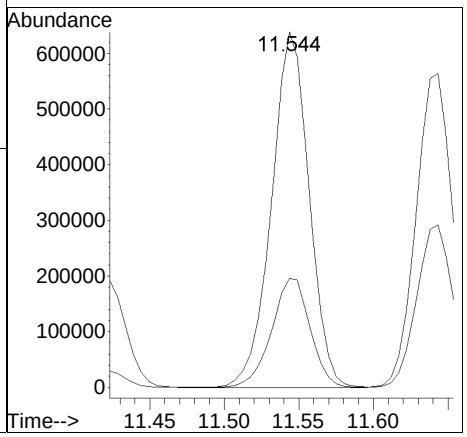


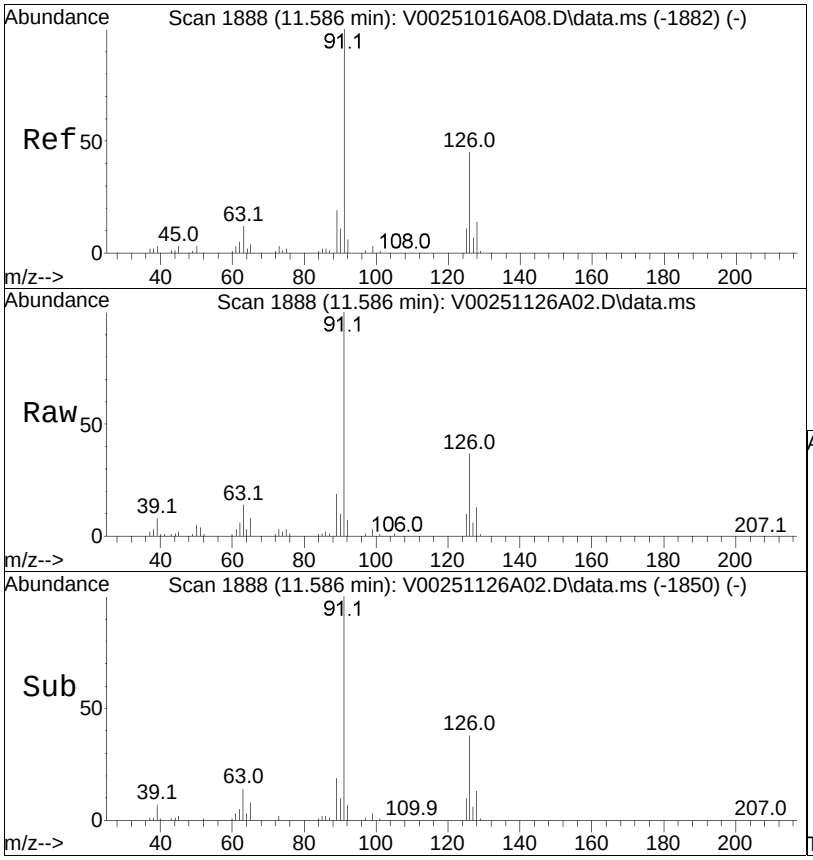


#89
4-Ethyltoluene
Concen: 41.50 ug/L
RT: 11.544 min Scan# 1880
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:105 Resp: 1119072

Ion	Ratio	Lower	Upper
105	100		
120	31.4	19.3	40.1

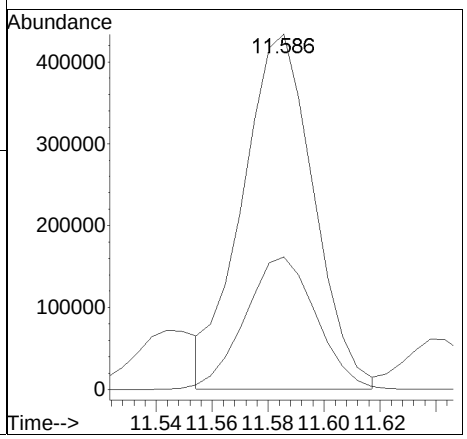


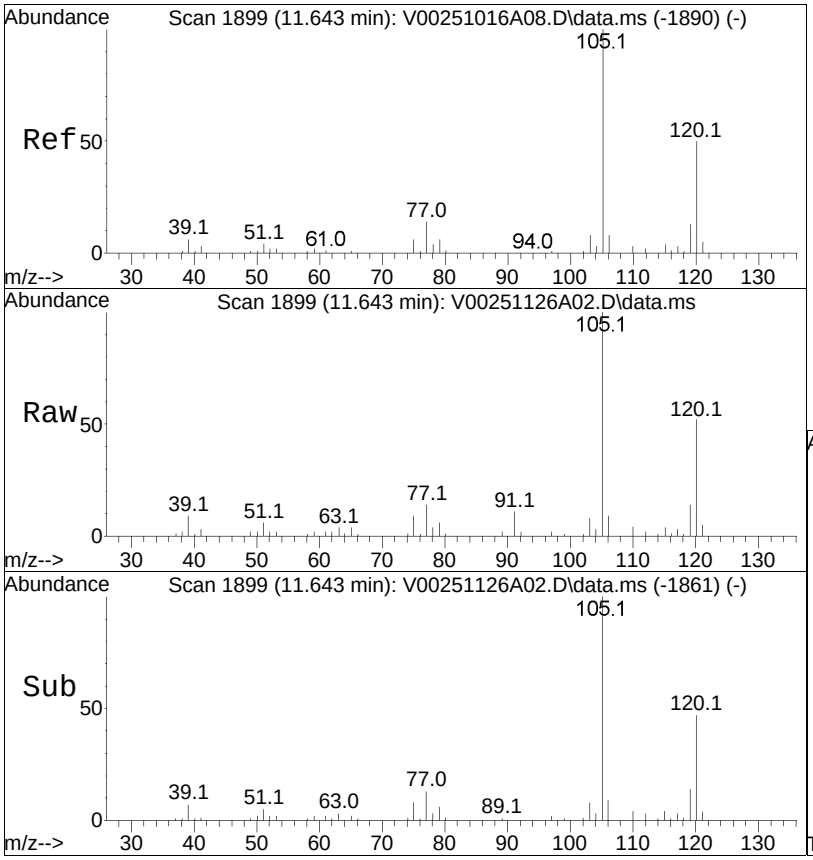


#90
2-Chlorotoluene
Concen: 40.88 ug/L M6
RT: 11.586 min Scan# 1888
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 91 Resp: 767678

Ion	Ratio	Lower	Upper
91	100		
126	37.3	27.1	40.7

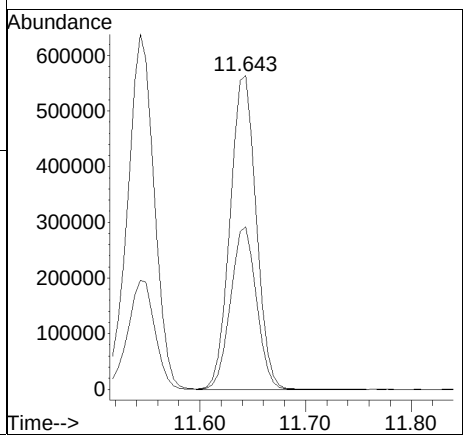


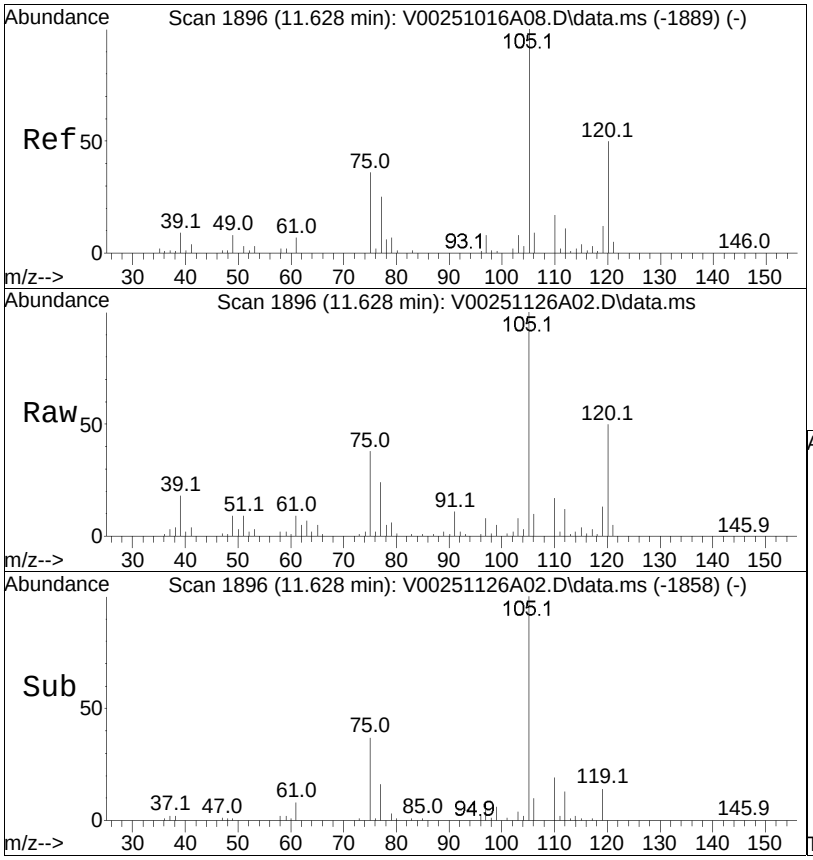


#91
1,3,5-Trimethylbenzene
Concen: 41.60 ug/L
RT: 11.643 min Scan# 1899
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:105 Resp: 967216

Ion	Ratio	Lower	Upper
105	100		
120	51.4	39.1	58.7

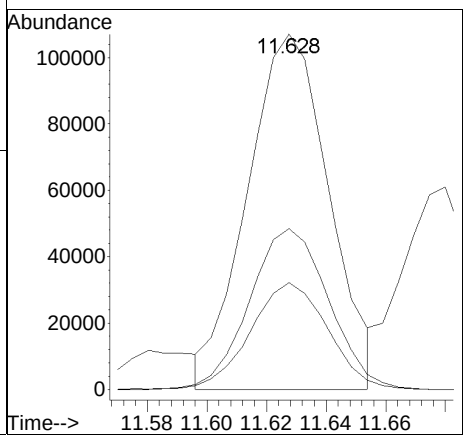


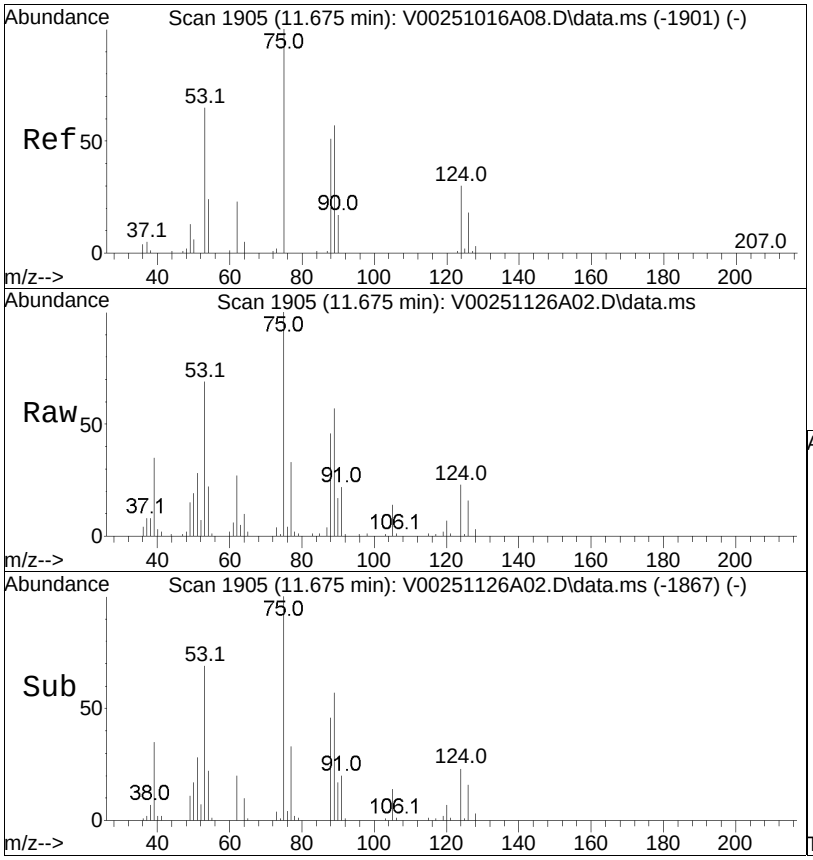


#92
1,2,3-Trichloropropane
Concen: 38.29 ug/L M6
RT: 11.628 min Scan# 1896
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 75 Resp: 203684

Ion	Ratio	Lower	Upper
75	100		
110	43.9	24.5	50.9
112	28.5	15.3	31.9

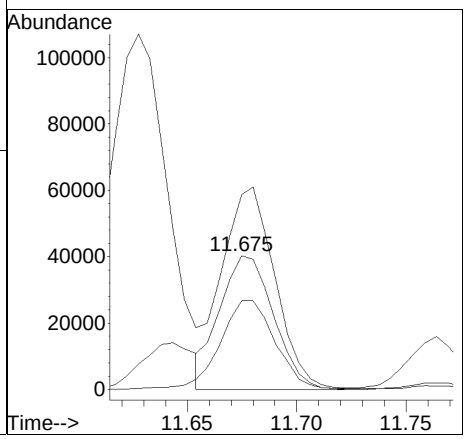


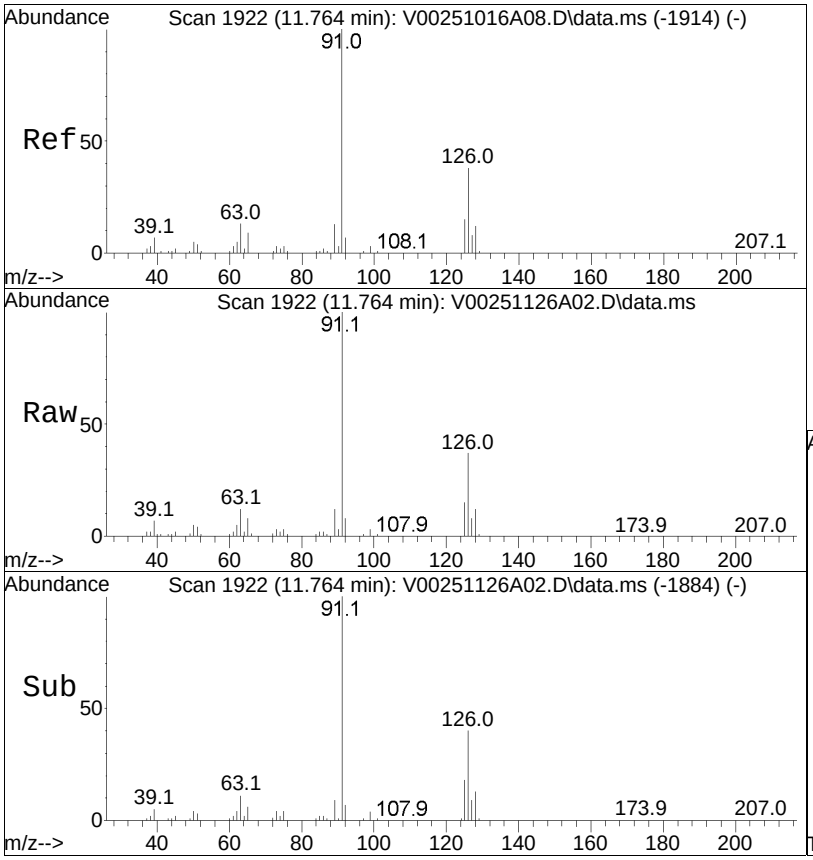


#93
trans-1,4-Dichloro-2-butene
Concen: 39.35 ug/L
RT: 11.675 min Scan# 1905
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 53 Resp: 69455

Ion	Ratio	Lower	Upper
53	100		
88	67.7	44.2	66.4#
75	149.6	100.8	151.2

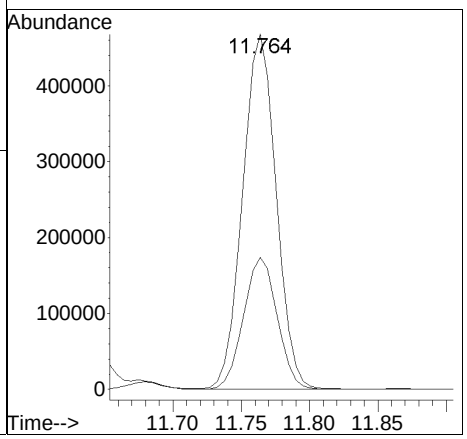


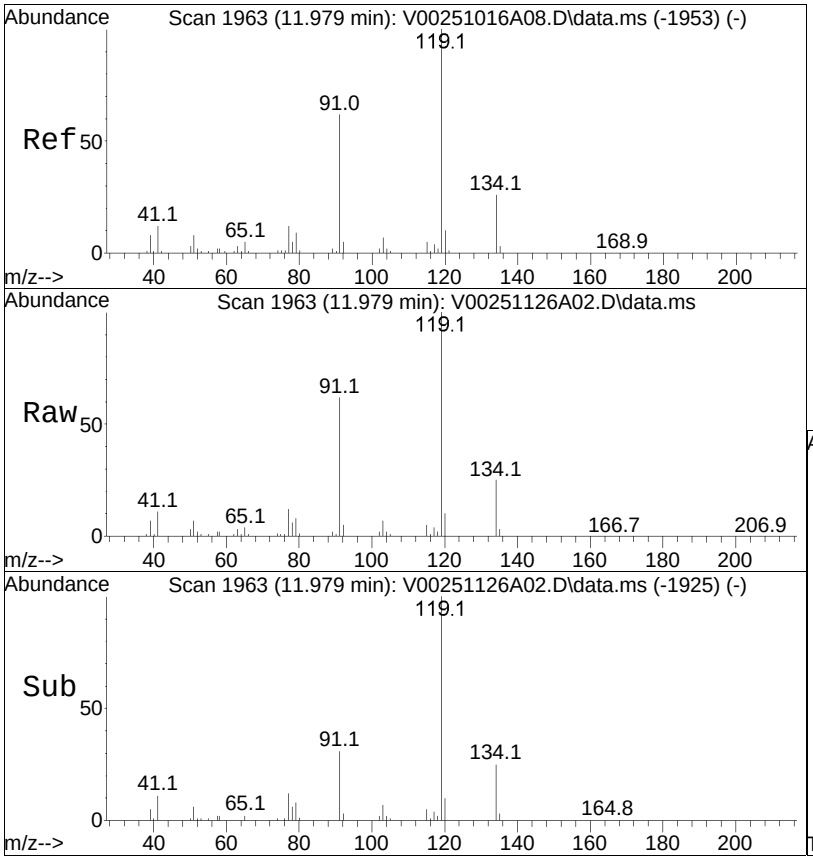


#94
4-Chlorotoluene
Concen: 41.07 ug/L
RT: 11.764 min Scan# 1922
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 91 Resp: 797209

Ion	Ratio	Lower	Upper
91	100		
126	37.3	27.3	40.9

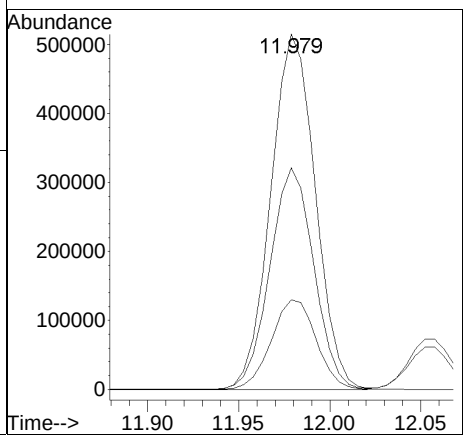


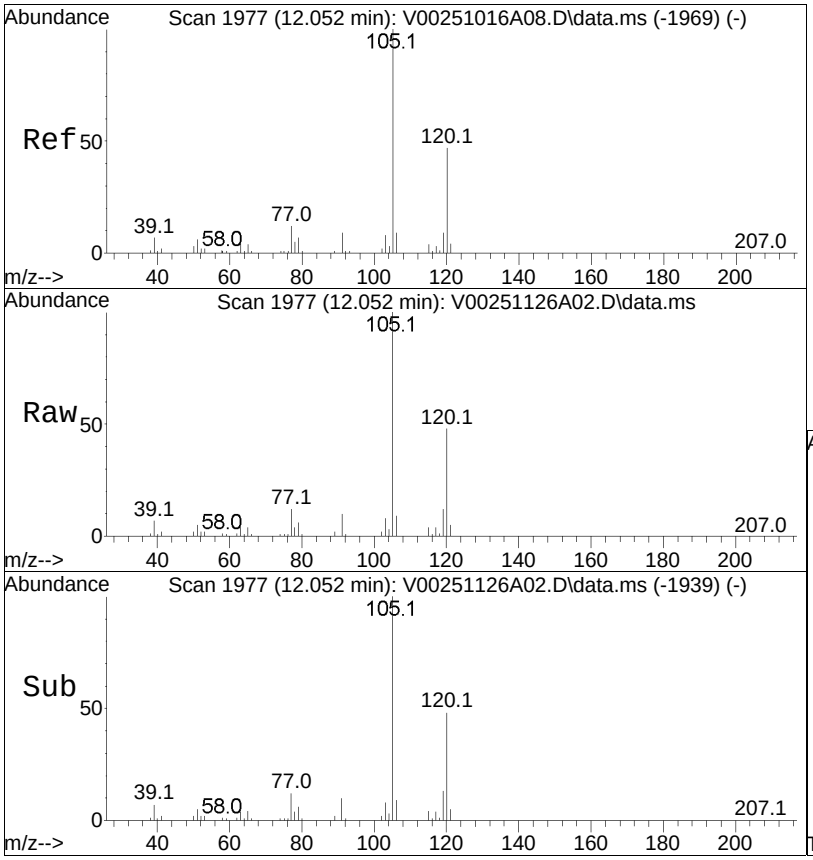


#95
tert-Butylbenzene
Concen: 42.57 ug/L
RT: 11.979 min Scan# 1963
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:119 Resp: 875126

Ion	Ratio	Lower	Upper
119	100		
91	61.5	54.8	82.2
134	25.5	20.6	30.8

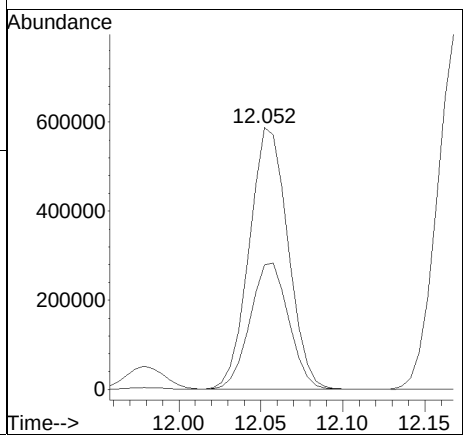


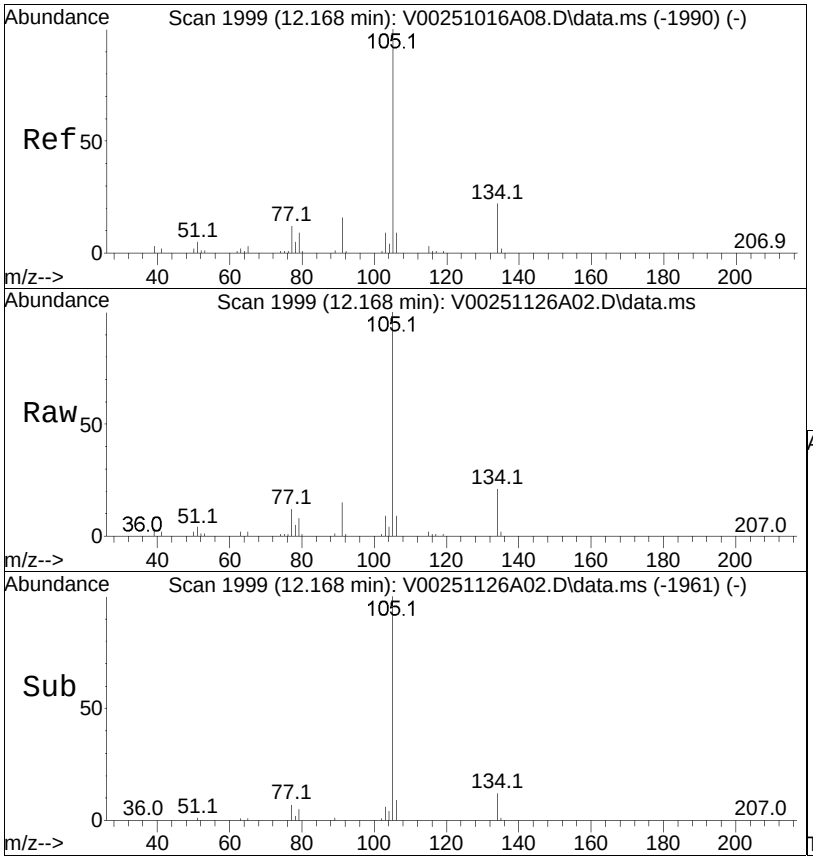


#98
1,2,4-Trimethylbenzene
Concen: 42.21 ug/L
RT: 12.052 min Scan# 1977
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:105 Resp: 965340

Ion	Ratio	Lower	Upper
105	100		
120	48.4	37.1	55.7

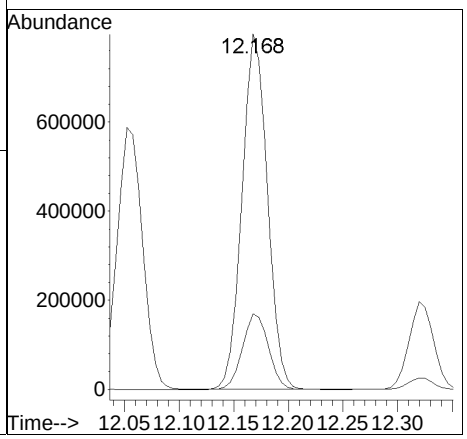


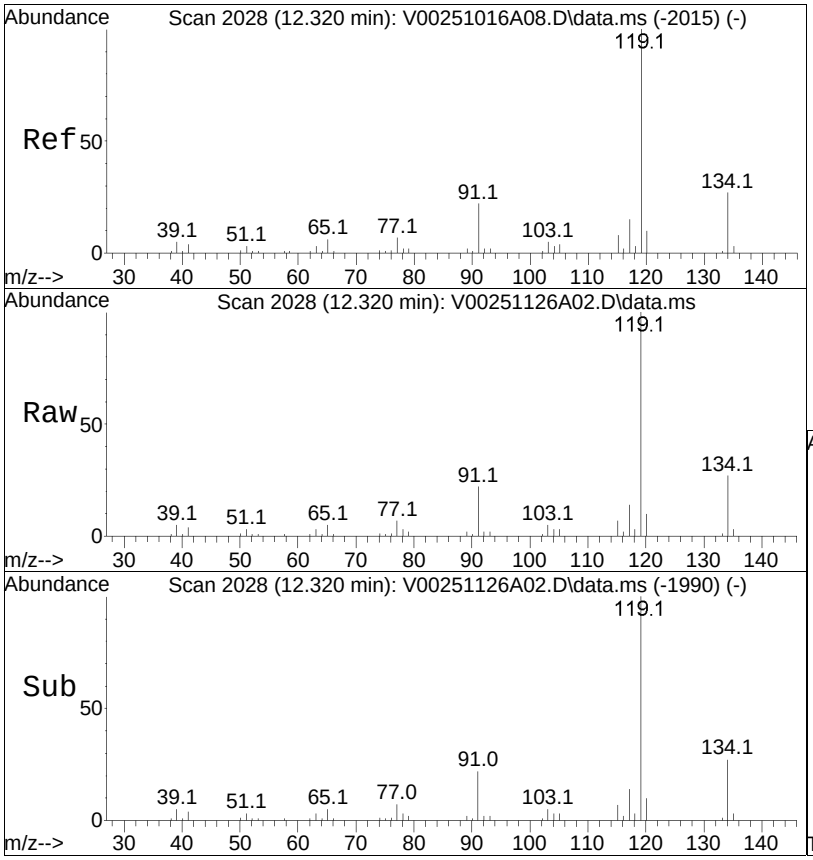


#99
sec-Butylbenzene
Concen: 42.53 ug/L
RT: 12.168 min Scan# 1999
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:105 Resp: 1287547

Ion	Ratio	Lower	Upper
105	100		
134	21.7	13.5	27.9

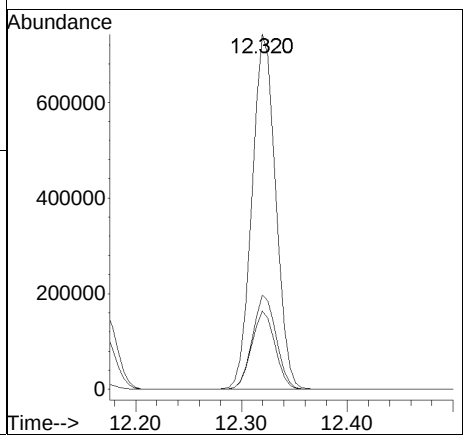


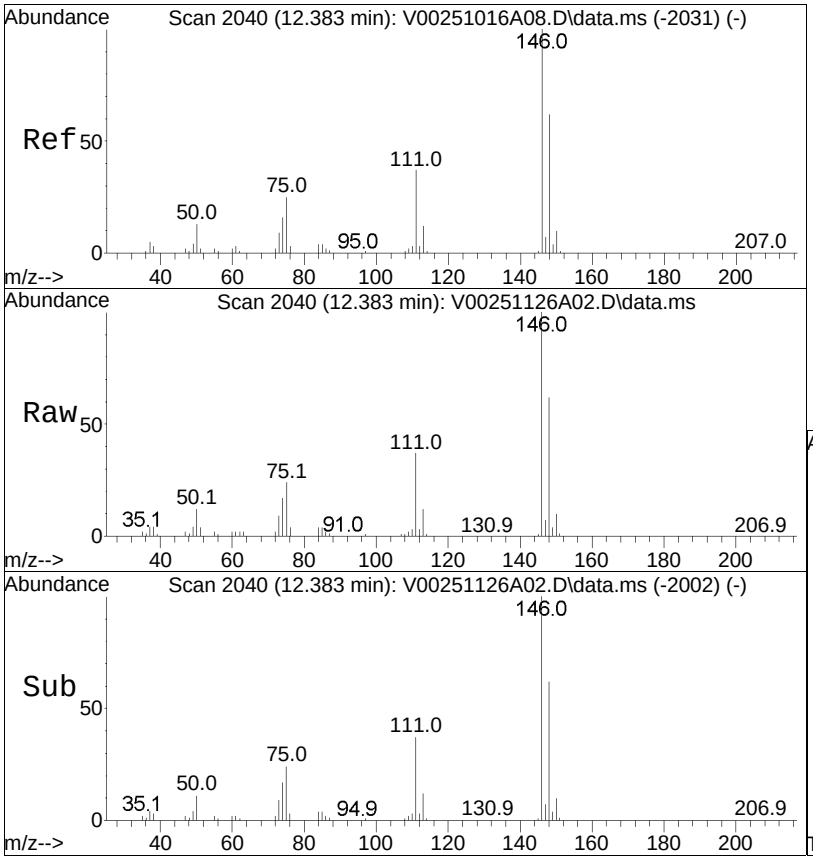


#100
p-Isopropyltoluene
Concen: 43.14 ug/L
RT: 12.320 min Scan# 2028
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:119 Resp: 1154666

Ion	Ratio	Lower	Upper
119	100		
134	26.7	17.4	36.0
91	22.0	15.8	32.8

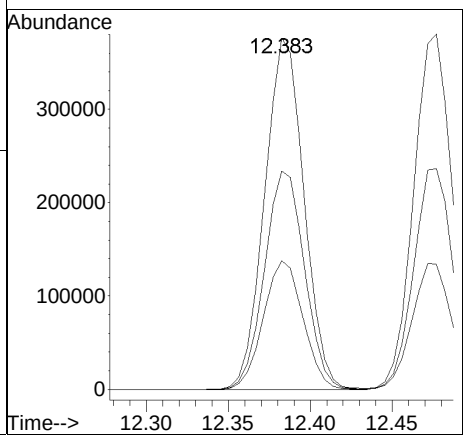


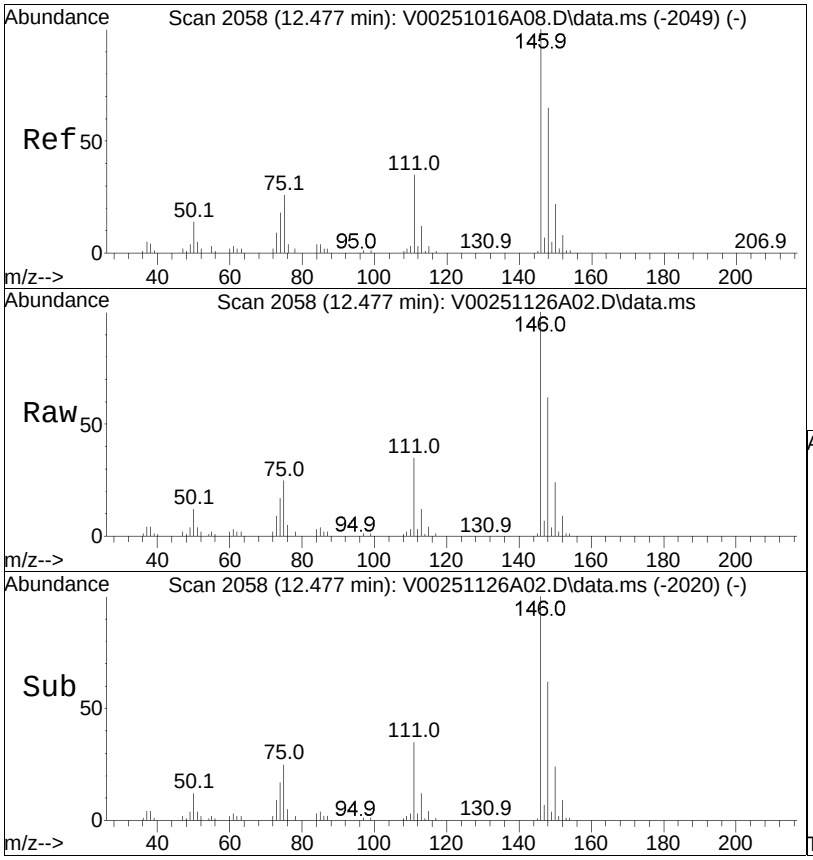


#101
1,3-Dichlorobenzene
Concen: 44.86 ug/L
RT: 12.383 min Scan# 2040
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:146 Resp: 627746

Ion	Ratio	Lower	Upper
146	100		
111	36.9	26.1	54.1
148	63.2	40.8	84.8

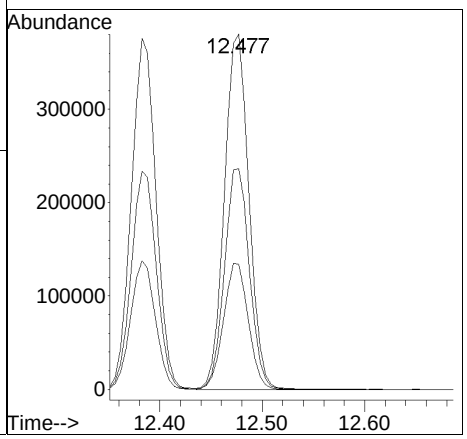


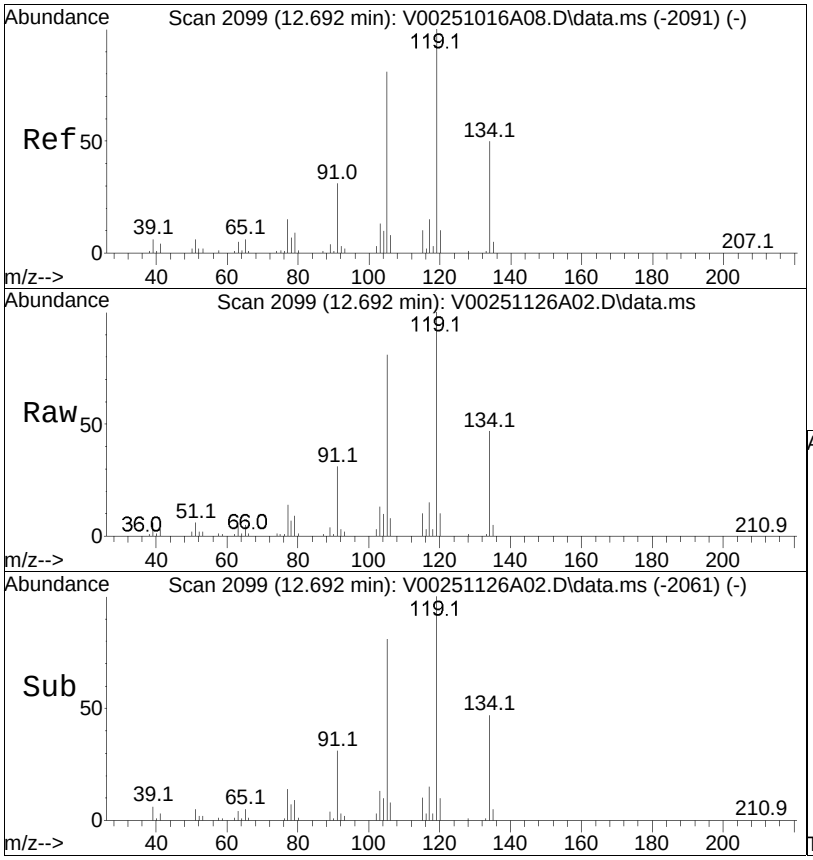


#102
1,4-Dichlorobenzene
Concen: 44.63 ug/L
RT: 12.477 min Scan# 2058
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:146 Resp: 631454

Ion	Ratio	Lower	Upper
146	100		
111	36.1	32.1	48.1
148	63.4	50.6	75.8

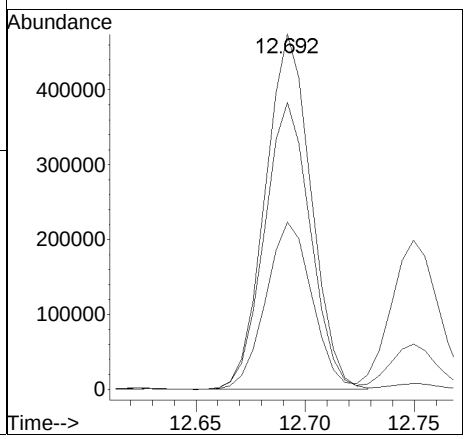


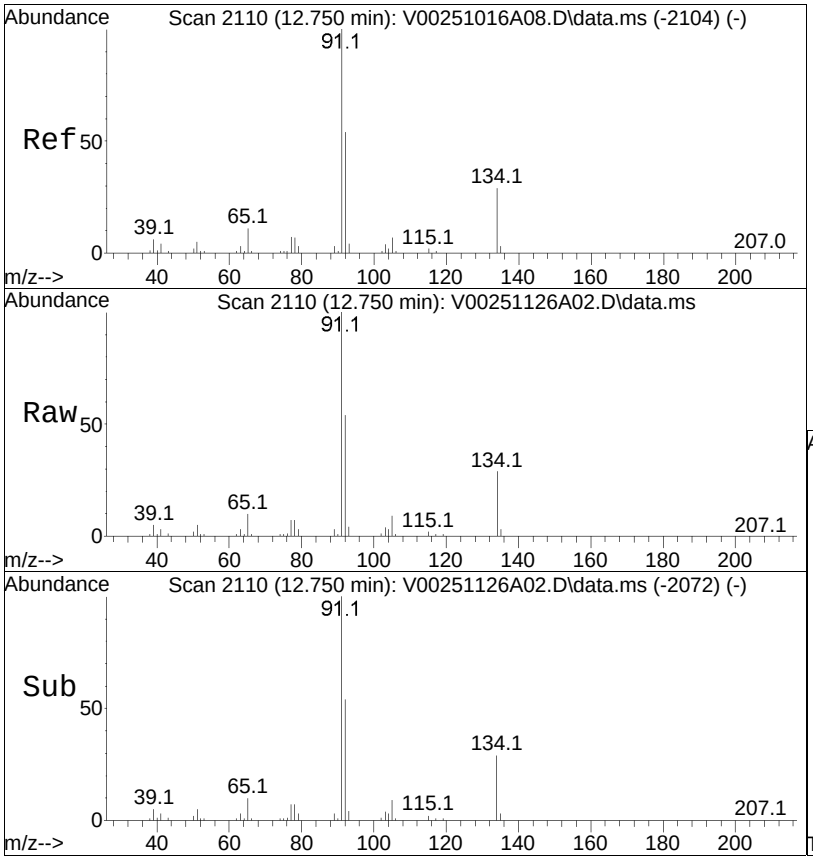


#103
p-Diethylbenzene
Concen: 43.03 ug/L
RT: 12.692 min Scan# 2099
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:119 Resp: 691340

Ion	Ratio	Lower	Upper
119	100		
105	81.2	56.4	117.0
134	47.7	30.4	63.0

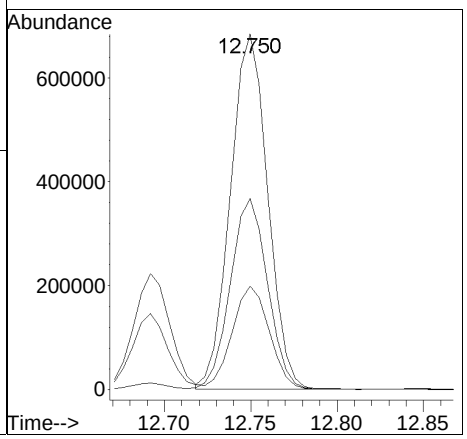


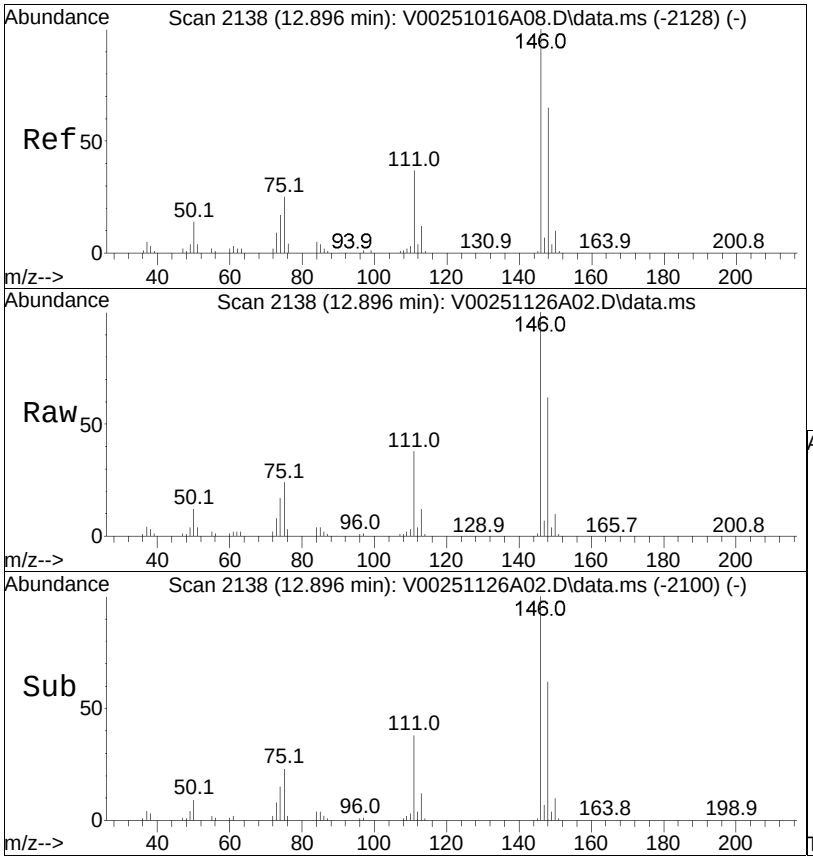


#104
n-Butylbenzene
Concen: 43.94 ug/L
RT: 12.750 min Scan# 2110
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 91 Resp: 1030453

Ion	Ratio	Lower	Upper
91	100		
92	53.7	43.7	65.5
134	28.9	21.5	32.3

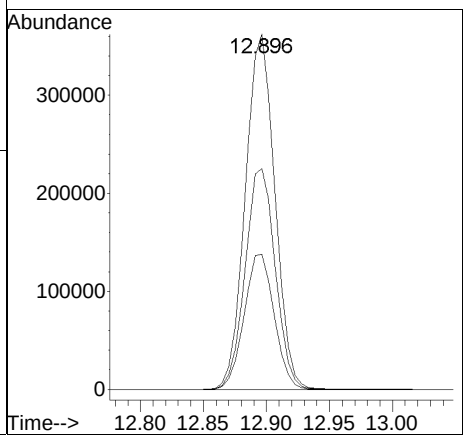


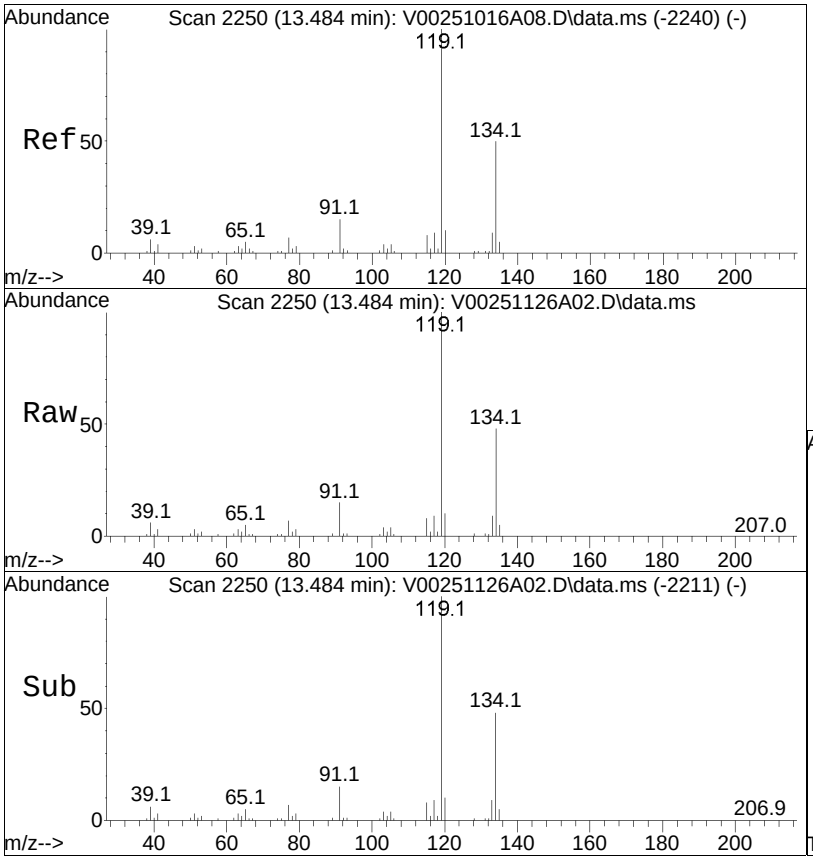


#105
1,2-Dichlorobenzene
Concen: 45.33 ug/L
RT: 12.896 min Scan# 2138
Delta R.T. -0.001 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:146 Resp: 590978

Ion	Ratio	Lower	Upper
146	100		
111	38.7	26.9	55.9
148	63.3	40.3	83.7

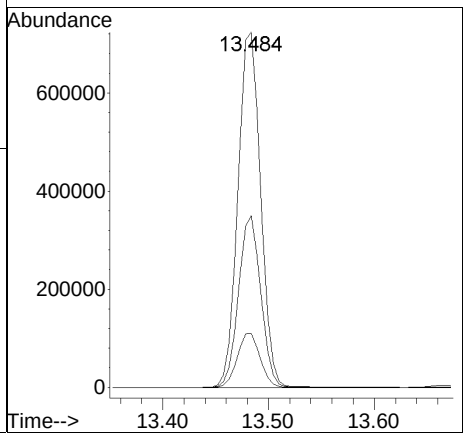


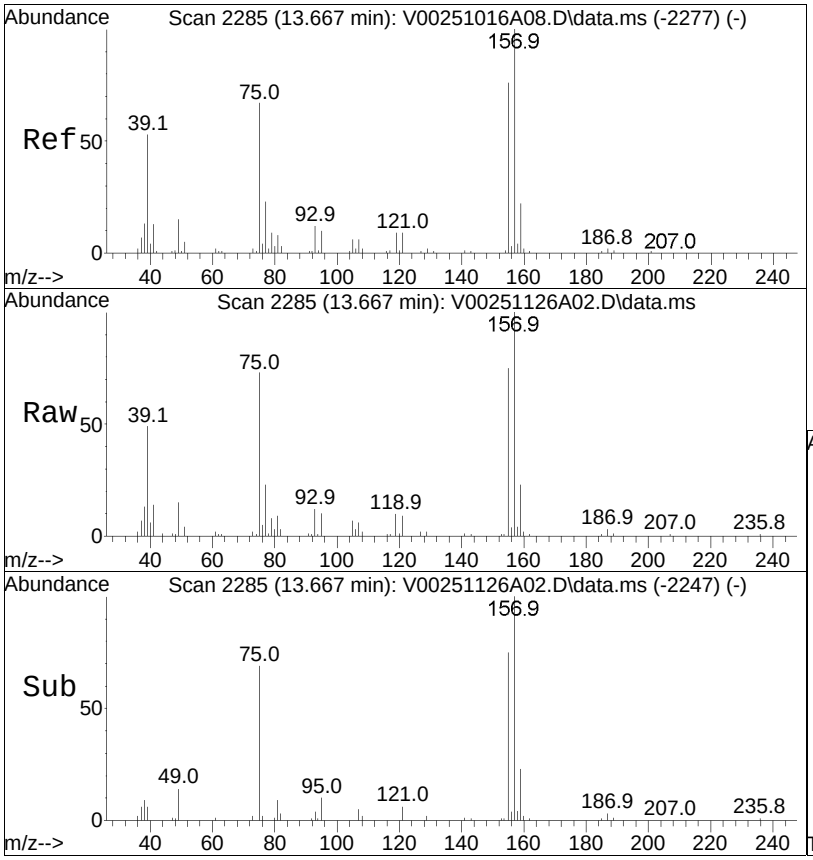


#106
1,2,4,5-Tetramethylbenzene
Concen: 44.72 ug/L
RT: 13.484 min Scan# 2250
Delta R.T. 0.006 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:119 Resp: 1079427

Ion	Ratio	Lower	Upper
119	100		
134	47.4	31.0	64.4
91	15.3	10.7	22.1

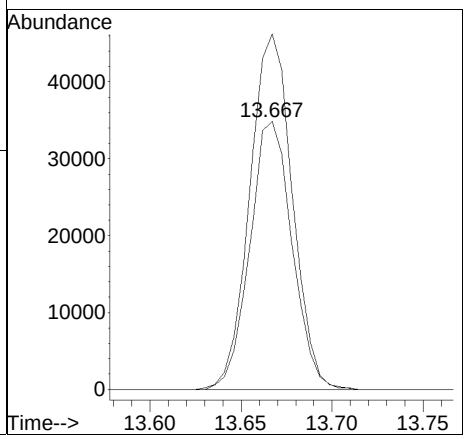


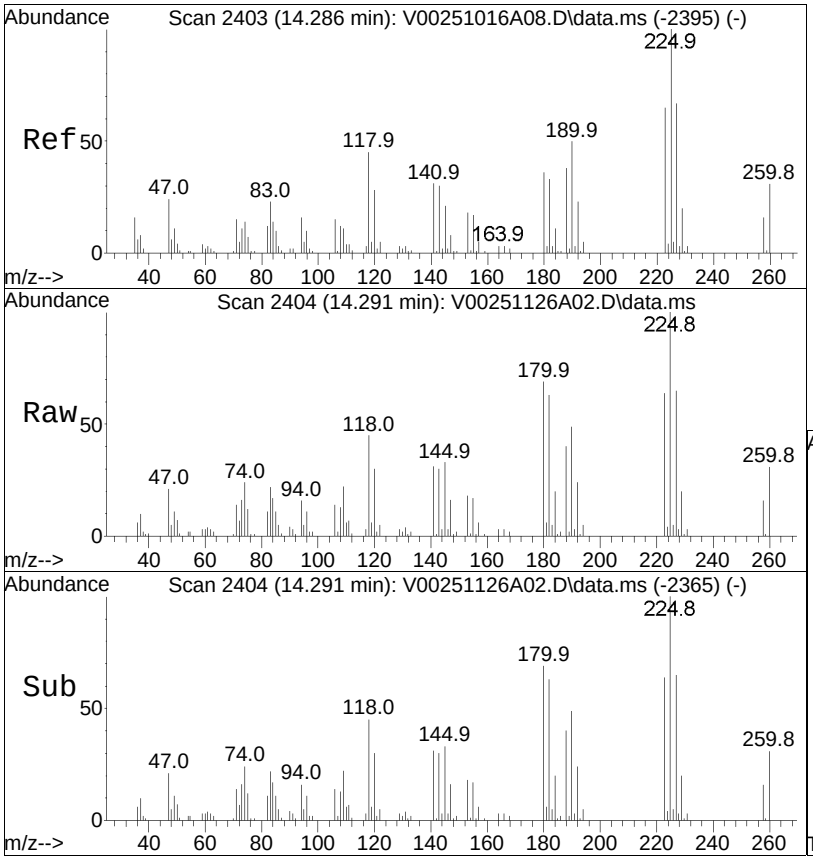


#107
1,2-Dibromo-3-chloropropane
Concen: 46.42 ug/L
RT: 13.667 min Scan# 2285
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:155 Resp: 56233

Ion	Ratio	Lower	Upper
155	100		
157	133.4	97.0	145.4

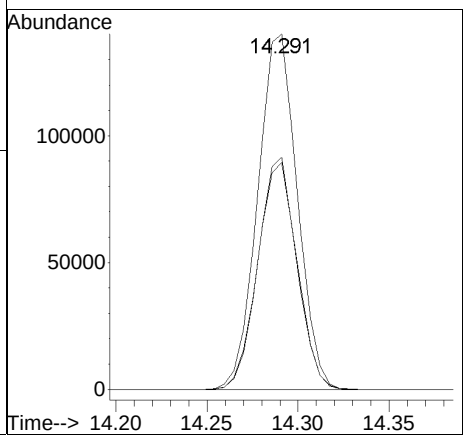


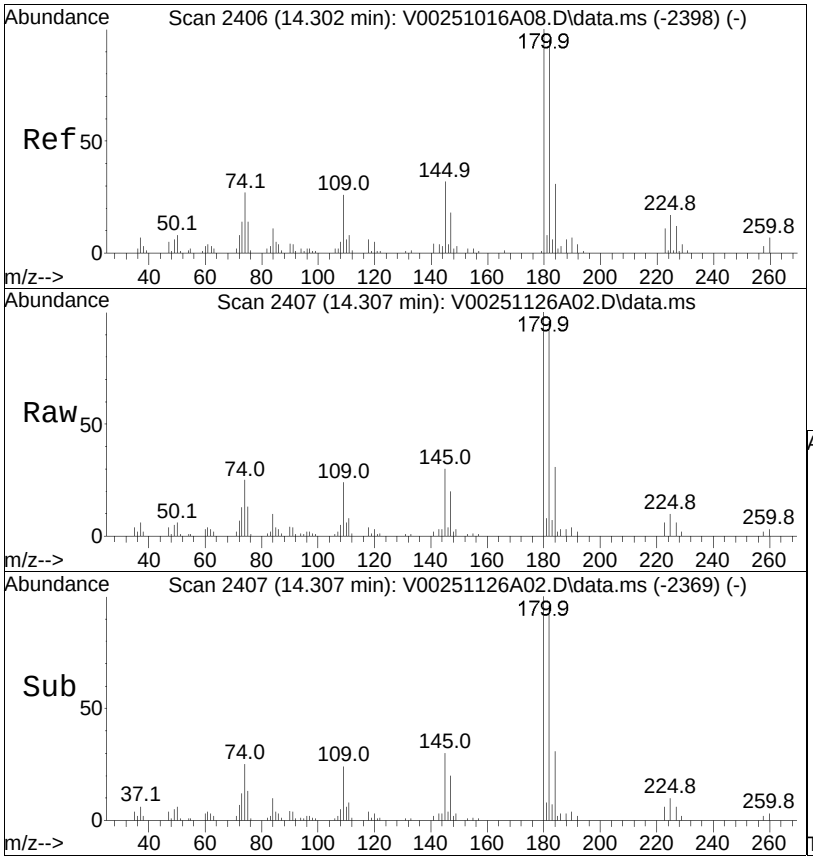


#109
Hexachlorobutadiene
Concen: 50.09 ug/L
RT: 14.291 min Scan# 2404
Delta R.T. 0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:225 Resp: 211822

Ion	Ratio	Lower	Upper
225	100		
223	63.4	52.3	78.5
227	64.1	51.9	77.9

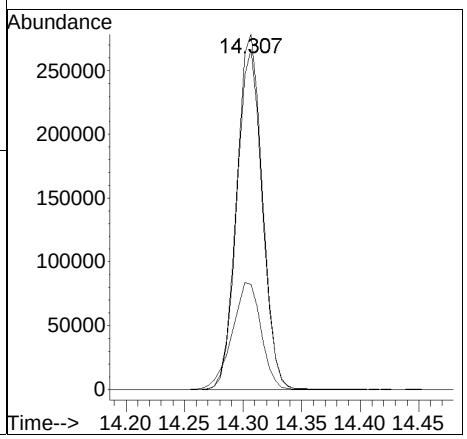


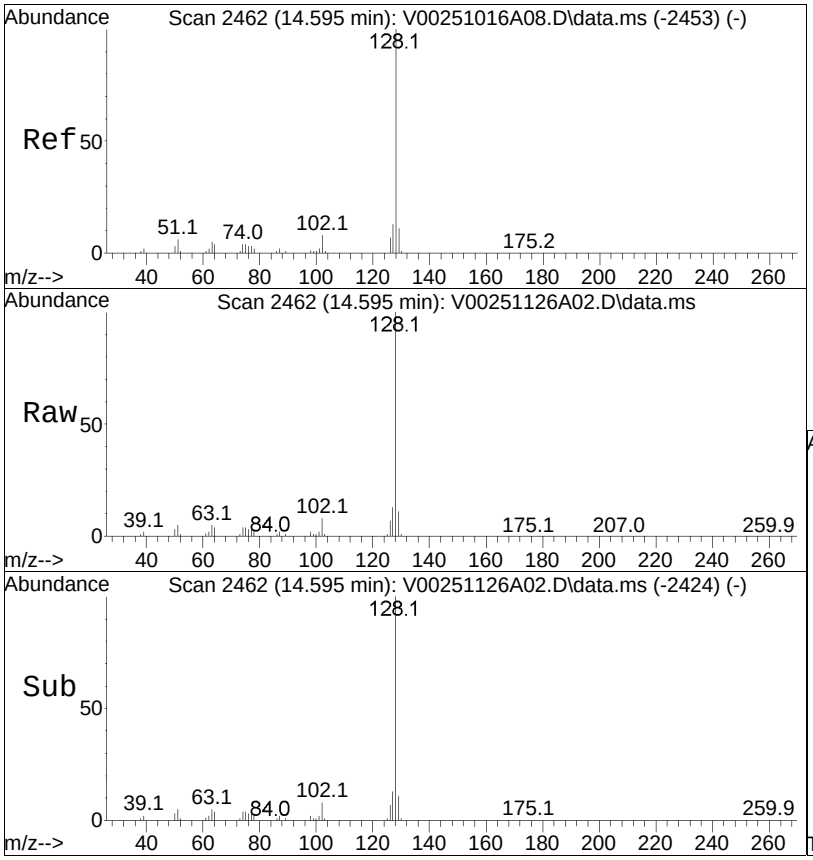


#110
1,2,4-Trichlorobenzene
Concen: 48.54 ug/L
RT: 14.307 min Scan# 2407
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:180 Resp: 425022

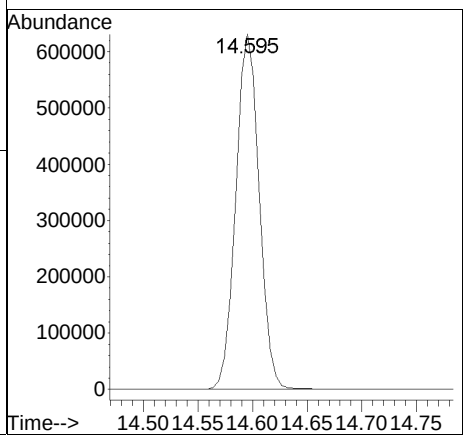
Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.8	113.6
145	33.9	29.2	43.8

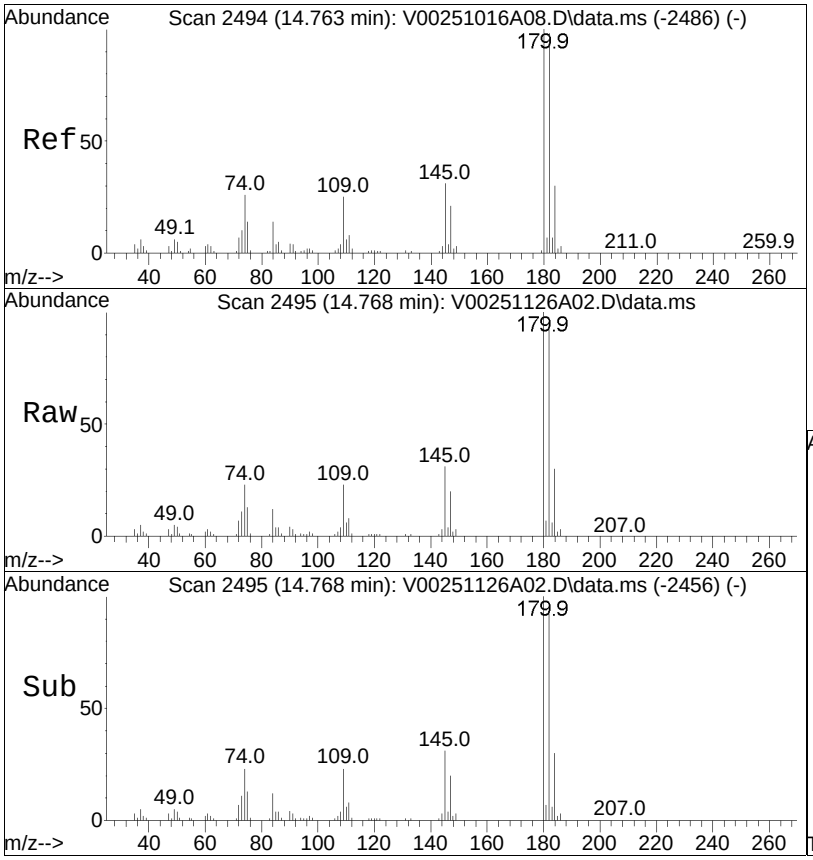




#111
Naphthalene
Concen: 45.78 ug/L
RT: 14.595 min Scan# 2462
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:128 Resp: 941160

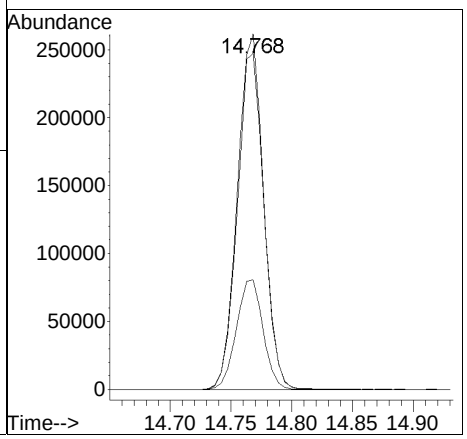




#112
1,2,3-Trichlorobenzene
Concen: 49.75 ug/L
RT: 14.768 min Scan# 2495
Delta R.T. 0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:180 Resp: 392533

Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.4	113.2
145	31.3	24.0	36.0

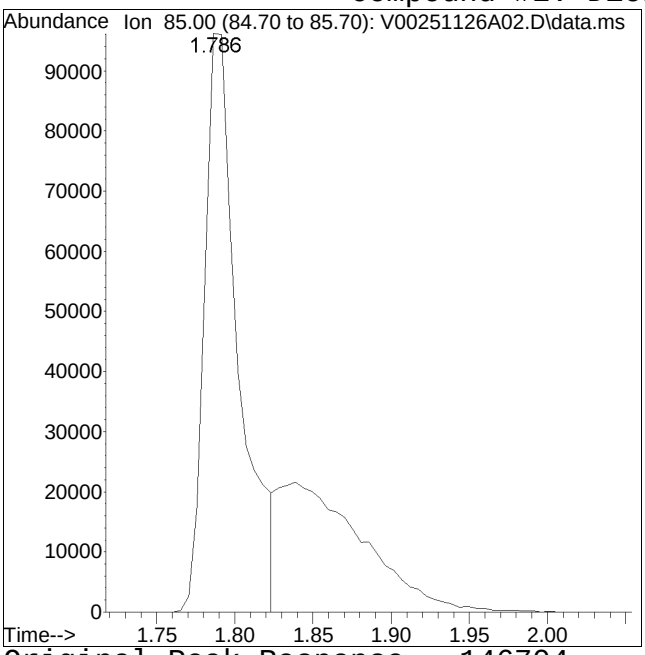


Manual Integration Report

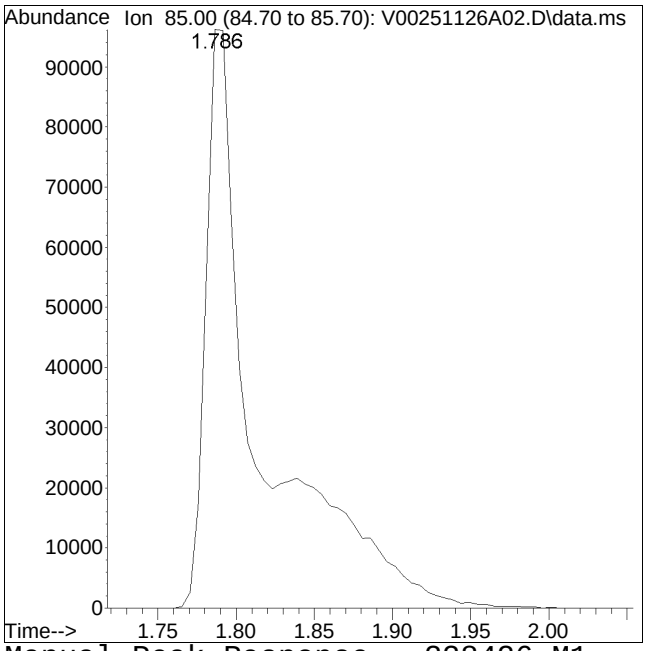
Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A02.D
Date Inj'd : 11/26/2025 7:00 am
Sample : WG2146922-4,31,5,5

QMethod : V100_251024A_8260.m
Operator : VOA100:MNF
Instrument : VOA100
Quant Date : 11/26/2025 7:24 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 146704



Manual Peak Response = 228426 M1

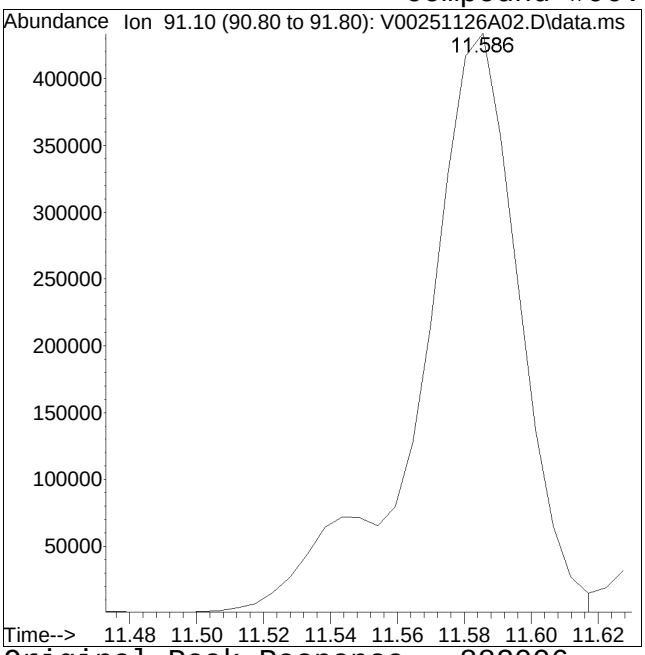
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

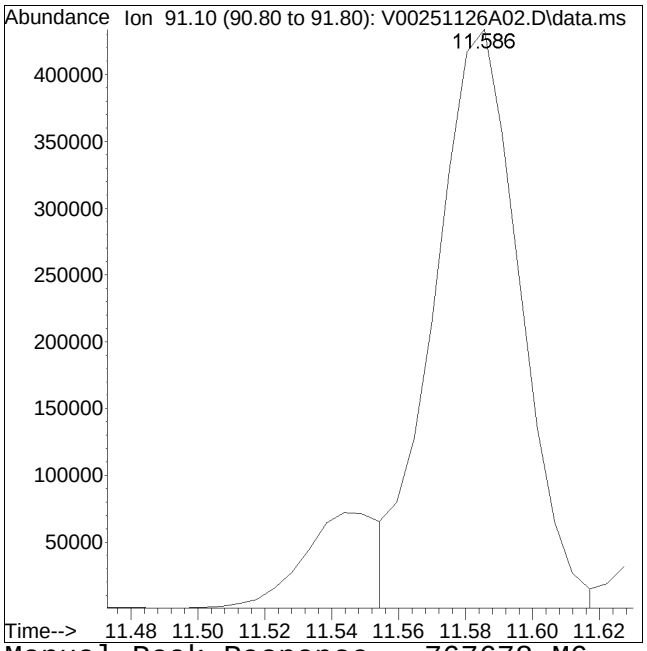
Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A02.D
Date Inj'd : 11/26/2025 7:00 am
Sample : WG2146922-4,31,5,5

QMethod : V100_251024A_8260.m
Operator : VOA100:MNF
Instrument : VOA100
Quant Date : 11/26/2025 7:24 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 882006



Manual Peak Response = 767678 M6

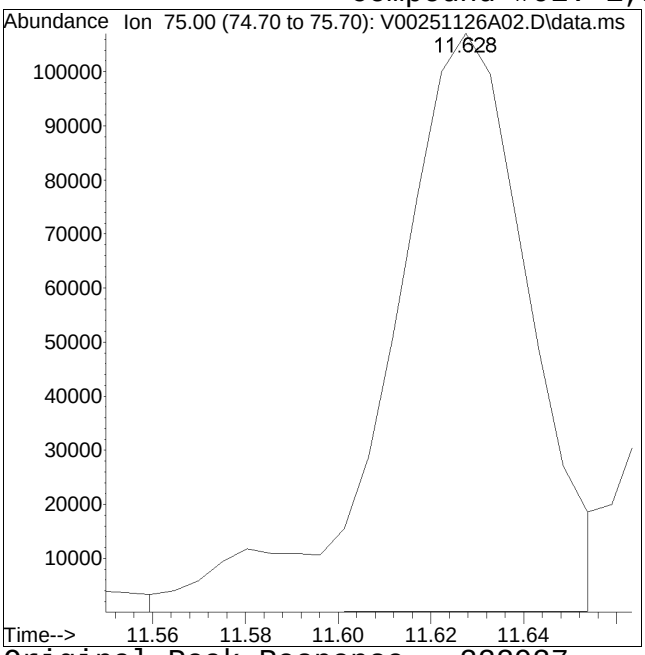
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

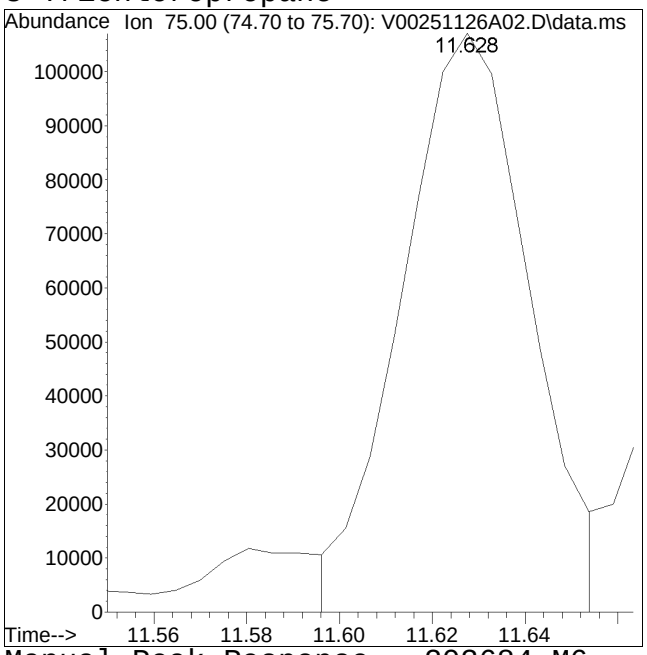
Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A02.D
Date Inj'd : 11/26/2025 7:00 am
Sample : WG2146922-4,31,5,5

QMethod : V100_251024A_8260.m
Operator : VOA100:MNF
Instrument : VOA100
Quant Date : 11/26/2025 7:24 am

Compound #92: 1,2,3-Trichloropropane



Original Peak Response = 222937



Manual Peak Response = 203684 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A02.D
Acq On : 26 Nov 2025 07:00 am
Operator : VOA100:MNF
Sample : WG2146952-4,31H,5,5,0.100
Misc : WG2146952,ICAL22760
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 26 11:30:28 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.232	96	369041	20.000	ug/L	0.00
Standard Area 1 = 378260			Recovery = 97.56%			
60) Chlorobenzene-d5	9.792	117	318613	20.000	ug/L	0.00
Standard Area 1 = 324241			Recovery = 98.26%			
80) 1,4-Dichlorobenzene-d4	12.461	152	197428	20.000	ug/L	0.00
Standard Area 1 = 197845			Recovery = 99.79%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	104826	18.684	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.42%			
44) 1,2-Dichloroethane-d4	5.939	65	92647	18.264	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.32%			
61) Toluene-d8	7.942	98	380092	19.739	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.69%			
84) 4-Bromofluorobenzene	11.261	95	147713	19.365	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.786	85	228426M1	41.149	ug/L	
3) Chloromethane	2.022	50	193735	31.487	ug/L	97
4) Vinyl chloride	2.064	62	238258	28.011	ug/L	82
5) Bromomethane	2.384	94	214841	26.165	ug/L #	78
6) Chloroethane	2.510	64	172505	25.365	ug/L	85
7) Trichlorofluoromethane	2.651	101	396200	42.184	ug/L	98
8) Ethyl ether	2.956	74	118077	36.707	ug/L	87
10) 1,1-Dichloroethene	3.155	96	194422	38.902	ug/L #	75
11) Carbon disulfide	3.191	76	666436	37.509	ug/L	99
15) Methylene chloride	3.705	84	223034	36.874	ug/L	97
17) Acetone	3.732	43	67006	24.167	ug/L	92
18) trans-1,2-Dichloroethene	3.868	96	221718	37.627	ug/L	84
20) Methyl tert-butyl ether	3.962	73	622273	39.259	ug/L	96
23) 1,1-Dichloroethane	4.450	63	358169	35.151	ug/L	97
25) Acrylonitrile	4.476	53	56623	36.618	ug/L	92
27) Vinyl acetate	4.675	43	467527	39.799	ug/L	97
28) cis-1,2-Dichloroethene	4.969	96	244164	37.825	ug/L	85
29) 2,2-Dichloropropane	5.074	77	332778	39.643	ug/L	98
31) Bromochloromethane	5.163	128	129809	40.456	ug/L	90
33) Chloroform	5.231	83	422160	38.447	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A02.D
Acq On : 26 Nov 2025 07:00 am
Operator : VOA100:MNF
Sample : WG2146952-4,31H,5,5,0.100
Misc : WG2146952,ICAL22760
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 26 11:30:28 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
35) Carbon tetrachloride	5.388	117	353591	44.560	ug/L		99
38) 1,1,1-Trichloroethane	5.446	97	364529	43.876	ug/L		93
40) 2-Butanone	5.509	43	70528	34.151	ug/L		95
41) 1,1-Dichloropropene	5.572	75	277636	41.637	ug/L		96
42) Benzene	5.813	78	816277	37.816	ug/L		98
45) 1,2-Dichloroethane	6.007	62	265808	38.300	ug/L		98
49) Trichloroethene	6.416	95	237858	39.718	ug/L		92
51) Dibromomethane	6.851	93	150095	40.039	ug/L		91
52) 1,2-Dichloropropane	6.956	63	197890	35.415	ug/L		95
55) Bromodichloromethane	7.024	83	325106	39.185	ug/L	#	99
58) 1,4-Dioxane	7.229	88	103173	2200.370	ug/L		88
59) cis-1,3-Dichloropropene	7.716	75	352374	38.412	ug/L	#	92
62) Toluene	7.999	92	542267	42.346	ug/L		99
63) 4-Methyl-2-pentanone	8.414	58	60659	39.321	ug/L	#	56
64) Tetrachloroethene	8.461	166	273104	49.760	ug/L		94
66) trans-1,3-Dichloropropene	8.471	75	327638	42.697	ug/L		98
69) 1,1,2-Trichloroethane	8.655	83	161495	41.701	ug/L		98
70) Chlorodibromomethane	8.875	129	279327	47.023	ug/L		99
71) 1,3-Dichloropropane	8.980	76	311559	41.909	ug/L		99
72) 1,2-Dibromoethane	9.153	107	214254	46.743	ug/L		99
73) 2-Hexanone	9.425	43	111459	37.727	ug/L	#	83
74) Chlorobenzene	9.819	112	664559	43.210	ug/L		93
75) Ethylbenzene	9.855	91	1083175	43.010	ug/L		97
76) 1,1,1,2-Tetrachloroethane	9.897	131	259098	47.405	ug/L		100
77) p/m Xylene	10.044	106	875024	86.629	ug/L		95
78) o Xylene	10.574	106	857848	85.569	ug/L		95
79) Styrene	10.637	104	1446187	83.929	ug/L		95
81) Bromoform	10.652	173	207918	44.596	ug/L		100
83) Isopropylbenzene	10.951	105	1148375	41.926	ug/L		97
85) Bromobenzene	11.376	156	312567	44.442	ug/L		99
86) n-Propylbenzene	11.423	91	1322413	40.015	ug/L		96
88) 1,1,2,2-Tetrachloroethane	11.491	83	271613	40.223	ug/L		97
89) 4-Ethyltoluene	11.544	105	1119072	41.503	ug/L		97
90) 2-Chlorotoluene	11.586	91	767678M6	40.881	ug/L		
91) 1,3,5-Trimethylbenzene	11.643	105	967216	41.602	ug/L		96
92) 1,2,3-Trichloropropane	11.628	75	203684M6	38.289	ug/L		
93) trans-1,4-Dichloro-2-b...	11.675	53	69455	39.346	ug/L	#	80
94) 4-Chlorotoluene	11.764	91	797209	41.074	ug/L		94
95) tert-Butylbenzene	11.979	119	875126	42.566	ug/L		94

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A02.D
Acq On : 26 Nov 2025 07:00 am
Operator : VOA100:MNF
Sample : WG2146952-4,31H,5,5,0.100
Misc : WG2146952,ICAL22760
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 26 11:30:28 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
98)	1,2,4-Trimethylbenzene	12.052	105	965340	42.209	ug/L	97
99)	sec-Butylbenzene	12.168	105	1287547	42.529	ug/L	98
100)	p-Isopropyltoluene	12.320	119	1154666	43.136	ug/L	98
101)	1,3-Dichlorobenzene	12.383	146	627746	44.860	ug/L	98
102)	1,4-Dichlorobenzene	12.477	146	631454	44.630	ug/L	97
103)	p-Diethylbenzene	12.692	119	691340	43.027	ug/L	96
104)	n-Butylbenzene	12.750	91	1030453	43.940	ug/L	98
105)	1,2-Dichlorobenzene	12.896	146	590978	45.326	ug/L	97
106)	1,2,4,5-Tetramethylben...	13.484	119	1079427	44.716	ug/L	99
107)	1,2-Dibromo-3-chloropr...	13.667	155	56233	46.417	ug/L	89
109)	Hexachlorobutadiene	14.291	225	211822	50.090	ug/L	98
110)	1,2,4-Trichlorobenzene	14.307	180	425022	48.538	ug/L	99
111)	Naphthalene	14.595	128	941160	45.782	ug/L	100
112)	1,2,3-Trichlorobenzene	14.768	180	392533	49.747	ug/L	98

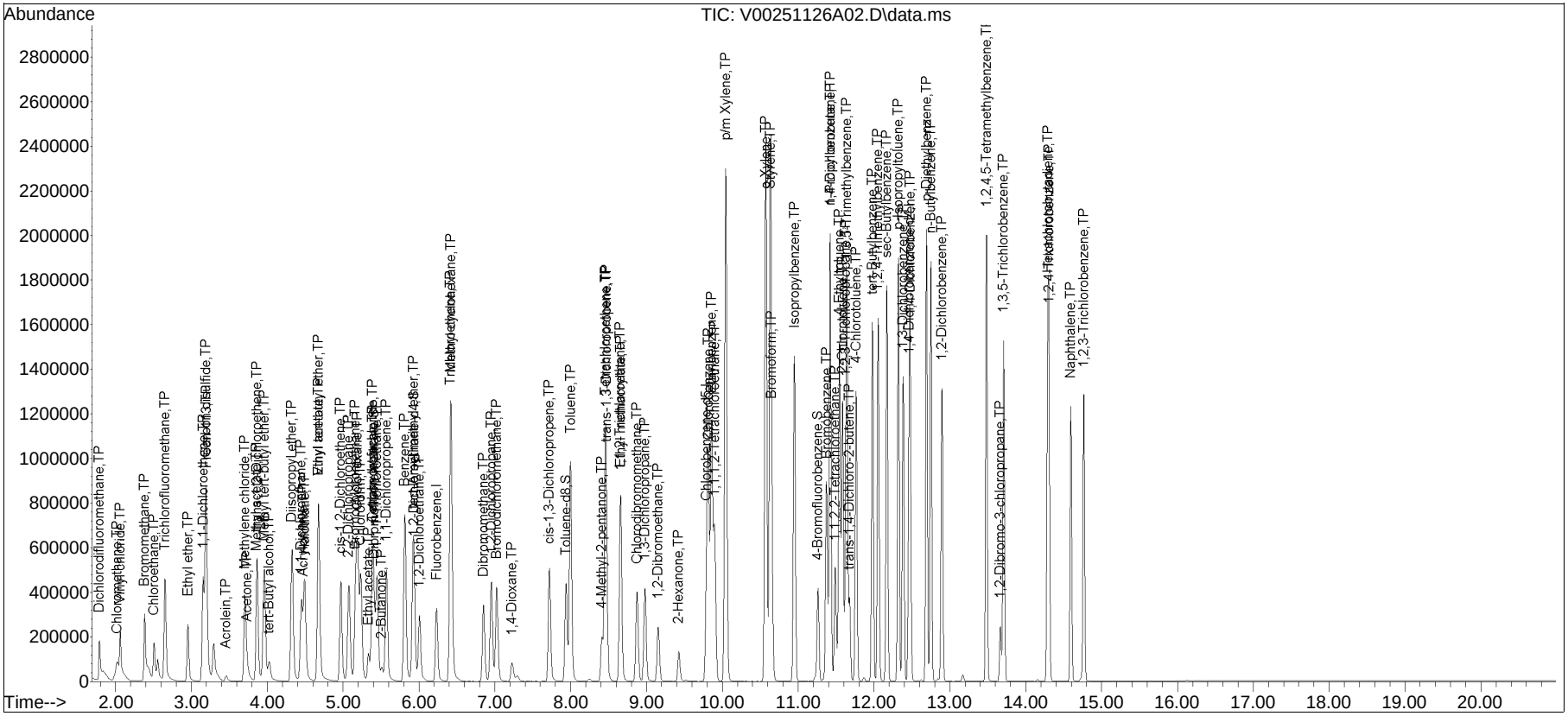
(#) = qualifier out of range (m) = manual integration (+) = signals summed

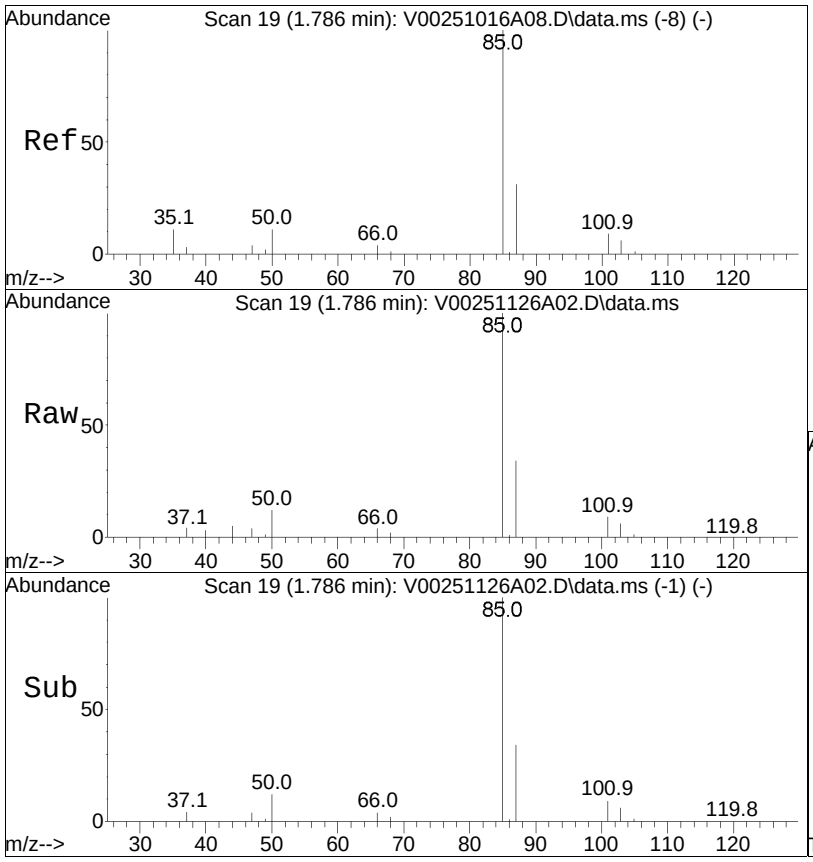
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A02.D
Acq On : 26 Nov 2025 07:00 am
Operator : VOA100:MNF
Sample : WG2146952-4,31H,5,5,0.100
Misc : WG2146952,ICAL22760
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 26 11:30:28 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

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

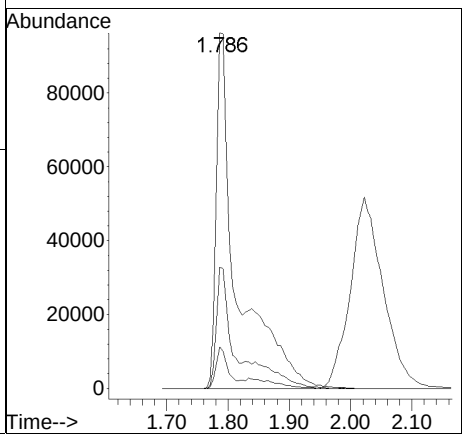


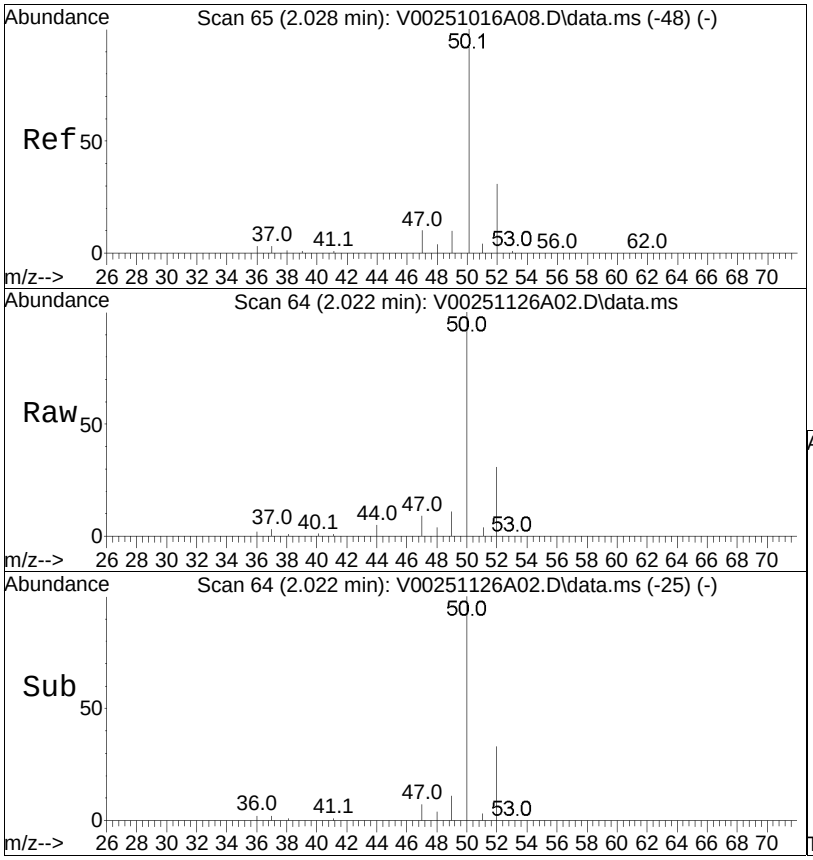


#2
Dichlorodifluoromethane
Concen: 41.15 ug/L M1
RT: 1.786 min Scan# 19
Delta R.T. -0.001 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 85 Resp: 228426

Ion	Ratio	Lower	Upper
85	100		
87	21.8	14.6	30.2
50	6.7	6.1	12.7

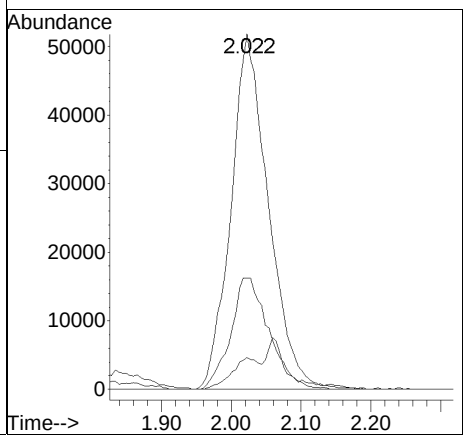


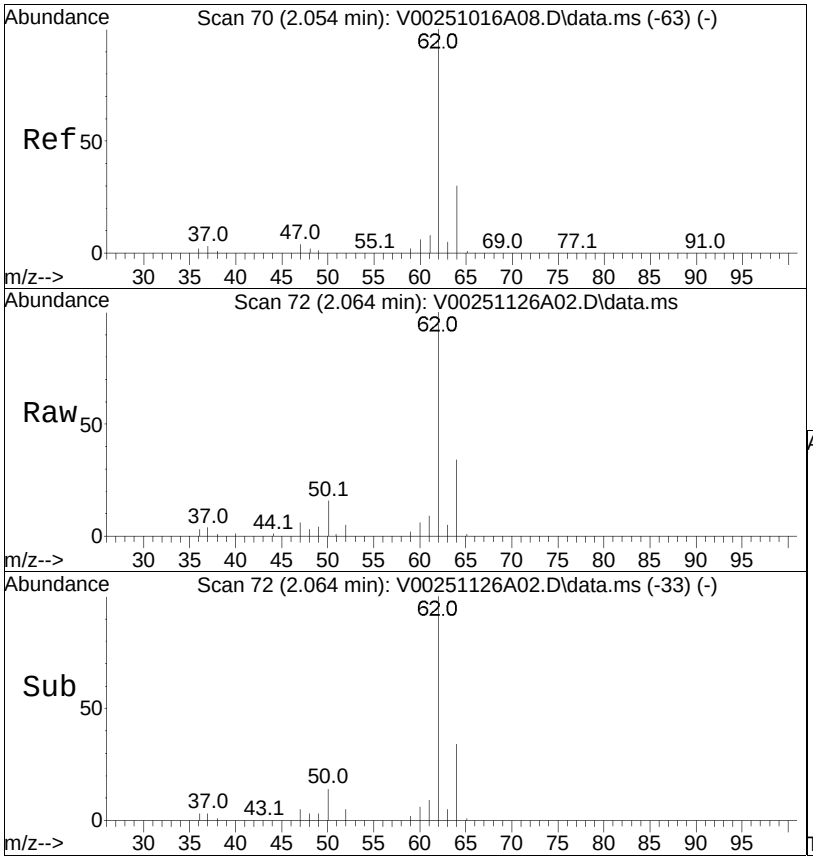


#3
Chloromethane
Concen: 31.49 ug/L
RT: 2.022 min Scan# 64
Delta R.T. 0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 50 Resp: 193735

Ion	Ratio	Lower	Upper
50	100		
52	32.2	14.2	54.2
47	6.7	0.0	28.0

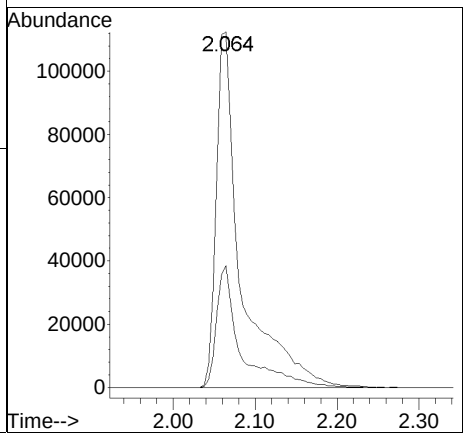


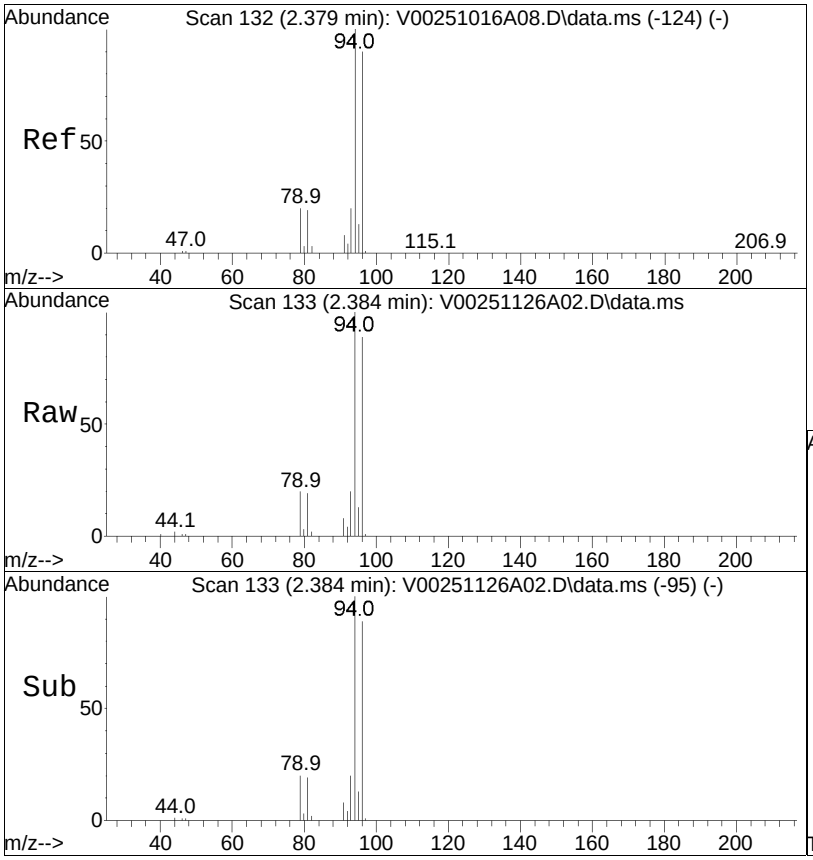


#4
Vinyl chloride
Concen: 28.01 ug/L
RT: 2.064 min Scan# 72
Delta R.T. 0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 62 Resp: 238258

Ion	Ratio	Lower	Upper
62	100		
64	33.3	4.4	44.4

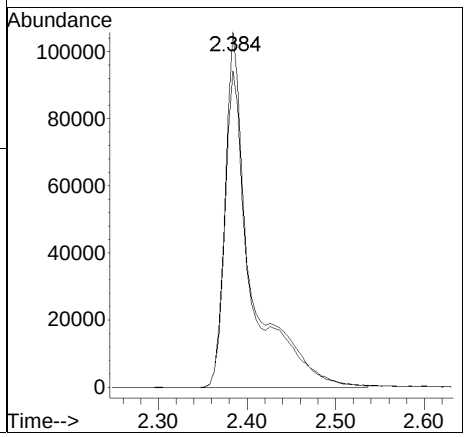


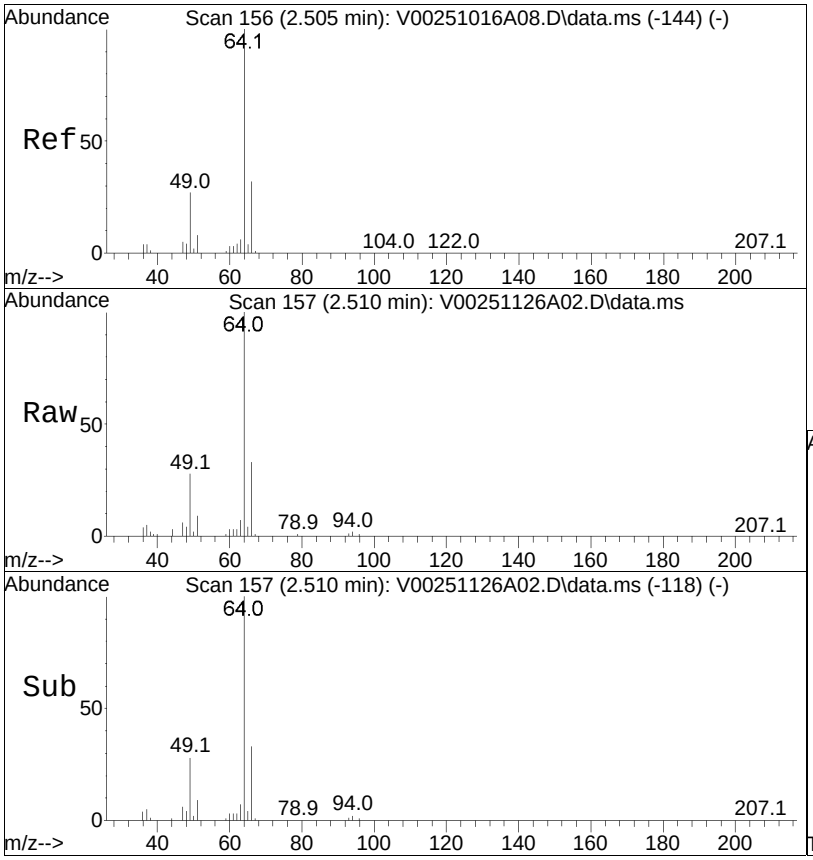


#5
Bromomethane
Concen: 26.17 ug/L
RT: 2.384 min Scan# 133
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 94 Resp: 214841

Ion	Ratio	Lower	Upper
94	100		
96	71.3	72.4	112.4#

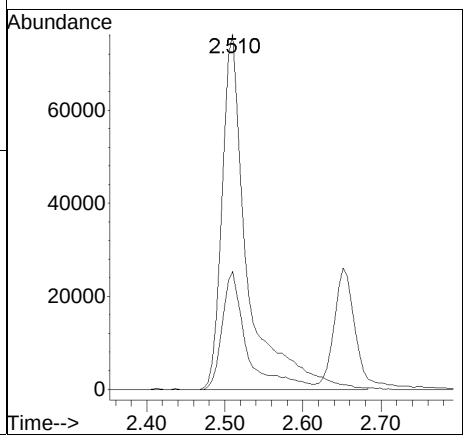


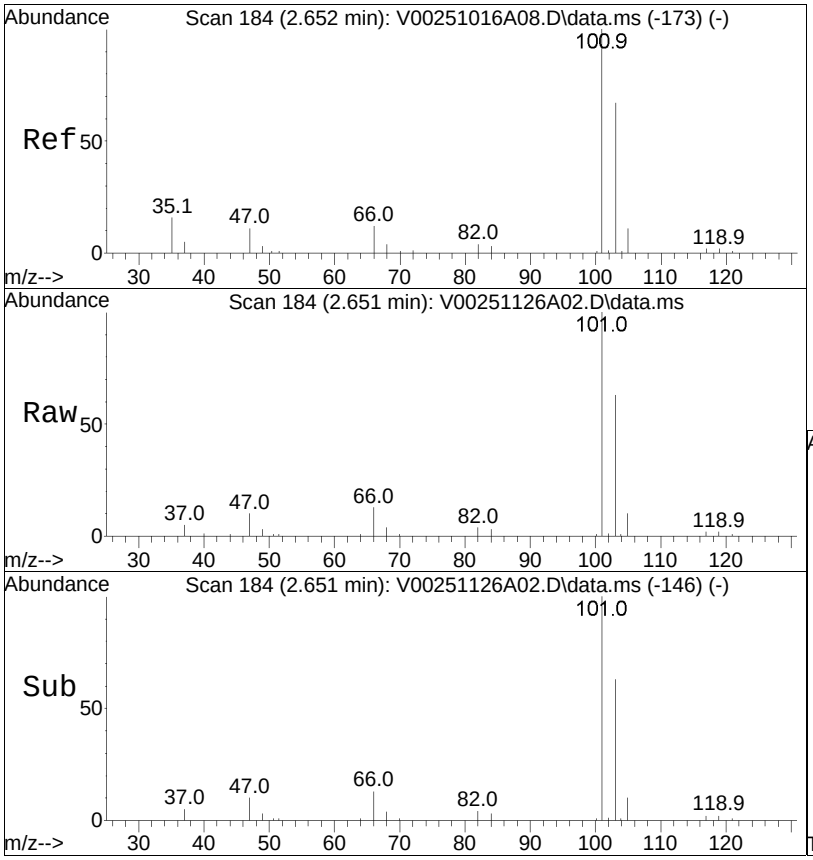


#6
Chloroethane
Concen: 25.36 ug/L
RT: 2.510 min Scan# 157
Delta R.T. 0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 64 Resp: 172505

Ion	Ratio	Lower	Upper
64	100		
66	32.5	4.8	44.8

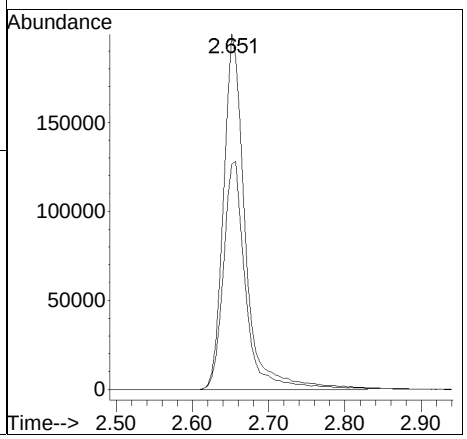


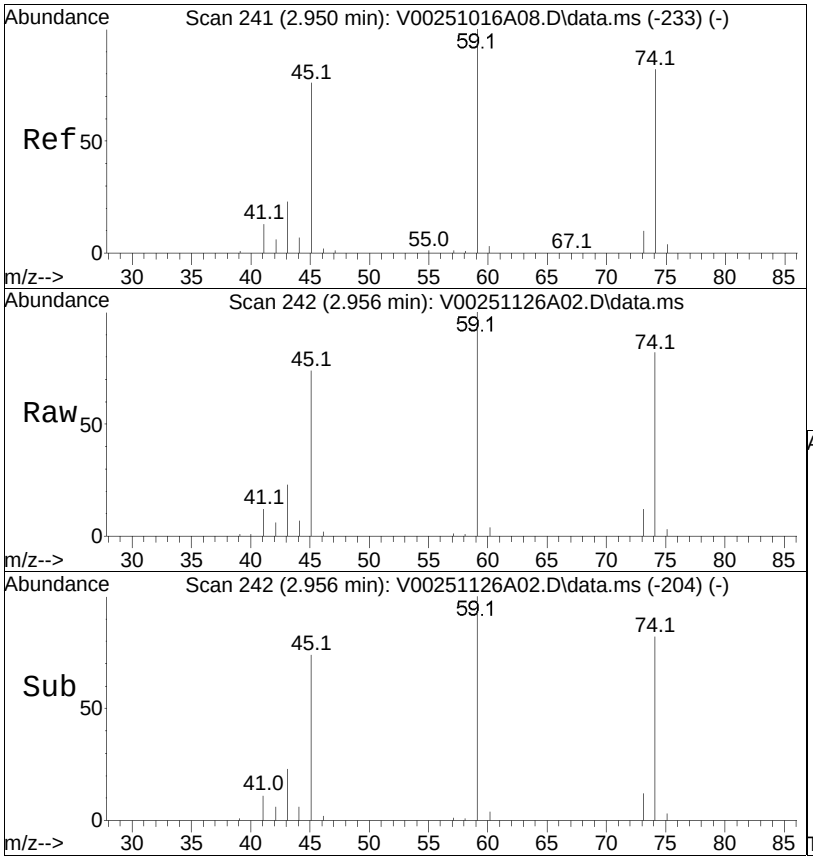


#7
Trichlorofluoromethane
Concen: 42.18 ug/L
RT: 2.651 min Scan# 184
Delta R.T. -0.001 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:101 Resp: 396200

Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.5	77.3

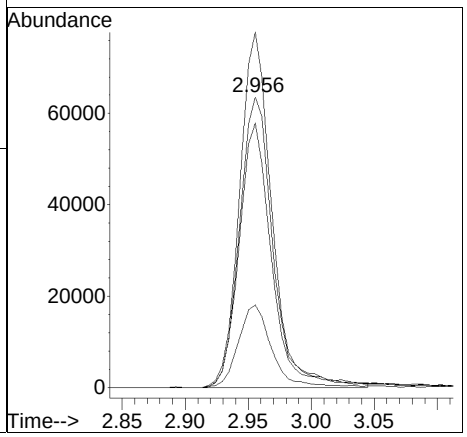


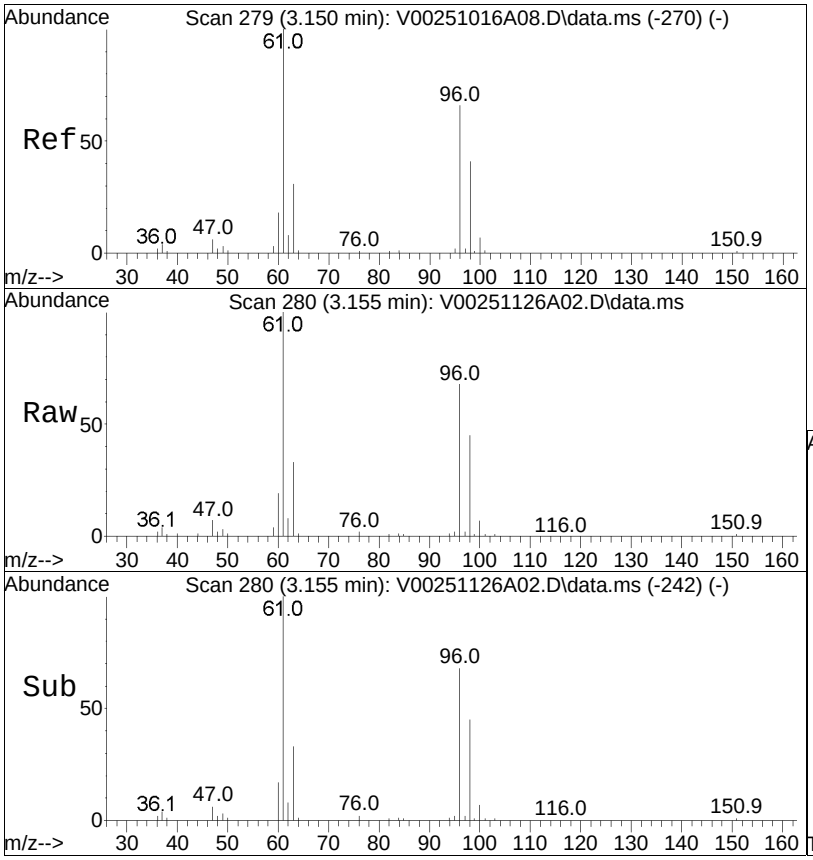


#8
Ethyl ether
Concen: 36.71 ug/L
RT: 2.956 min Scan# 242
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 74 Resp: 118077

Ion	Ratio	Lower	Upper
74	100		
59	119.4	97.0	201.4
45	88.1	57.3	118.9
43	28.3	18.7	38.9

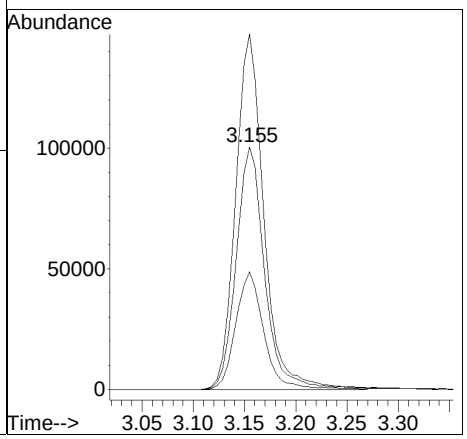


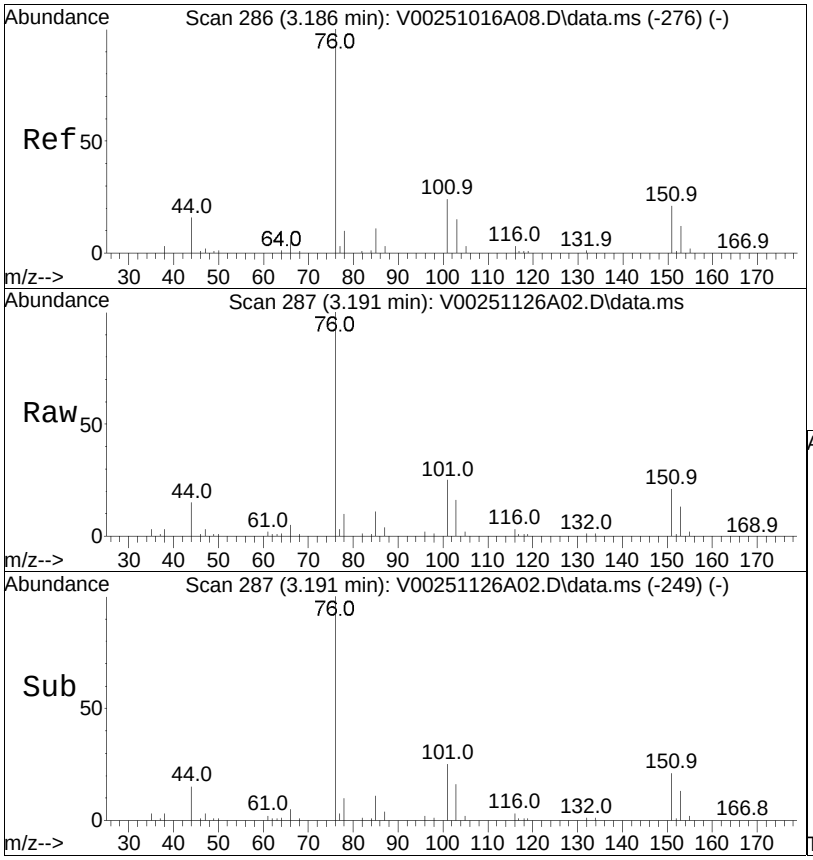


#10
1,1-Dichloroethene
Concen: 38.90 ug/L
RT: 3.155 min Scan# 280
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 96 Resp: 194422

Ion	Ratio	Lower	Upper
96	100		
61	146.1	149.4	224.2#
63	47.7	47.0	70.6

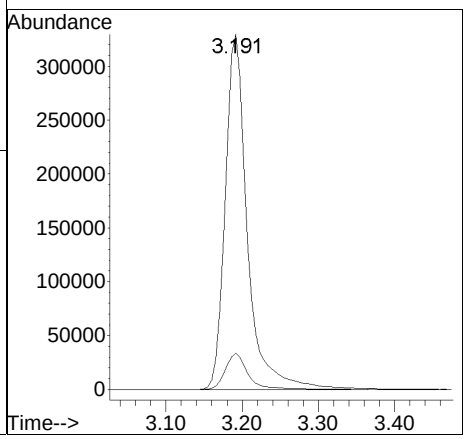


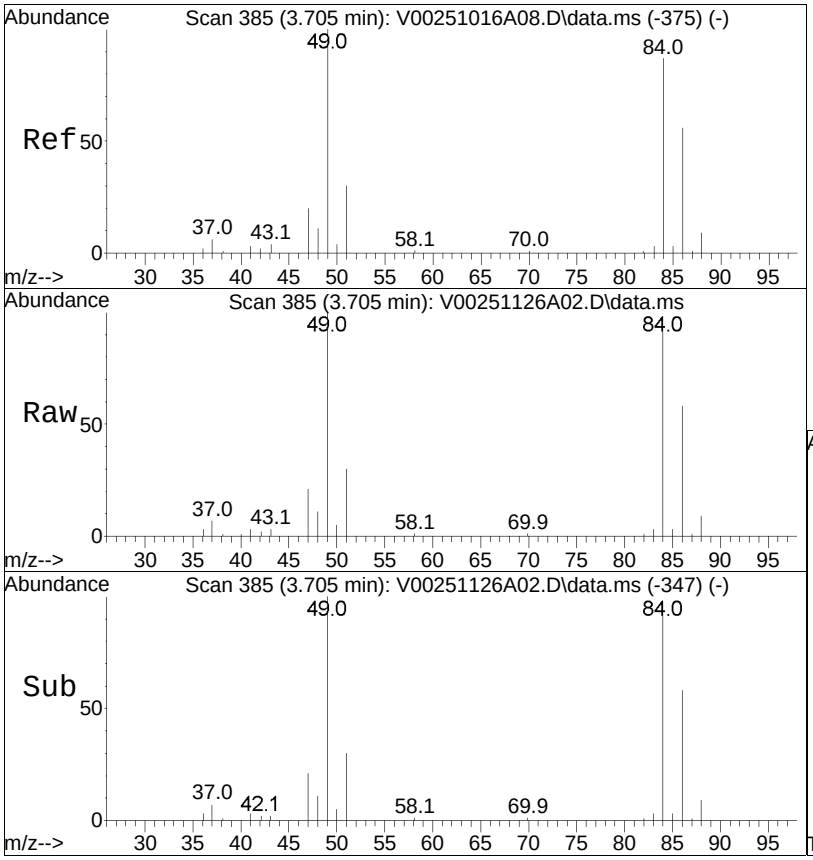


#11
Carbon disulfide
Concen: 37.51 ug/L
RT: 3.191 min Scan# 287
Delta R.T. -0.001 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 76 Resp: 666436

Ion	Ratio	Lower	Upper
76	100		
78	10.4	6.4	13.4

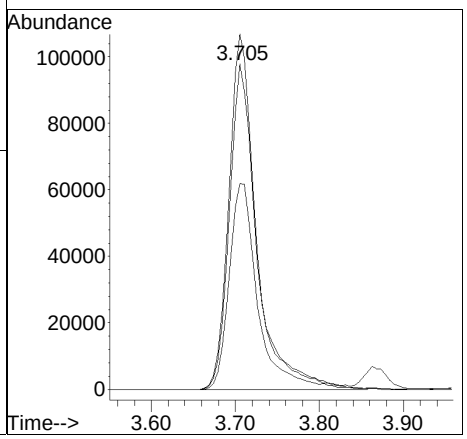


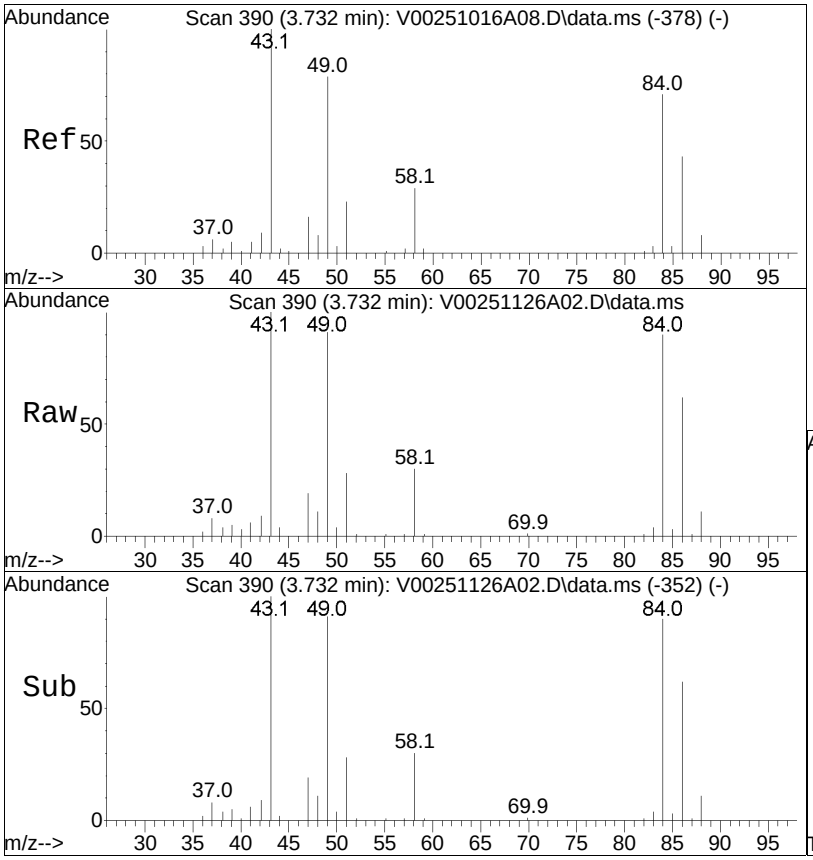


#15
Methylene chloride
Concen: 36.87 ug/L
RT: 3.705 min Scan# 385
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 84 Resp: 223034

Ion	Ratio	Lower	Upper
84	100		
86	66.1	39.6	82.2
49	110.1	72.7	150.9

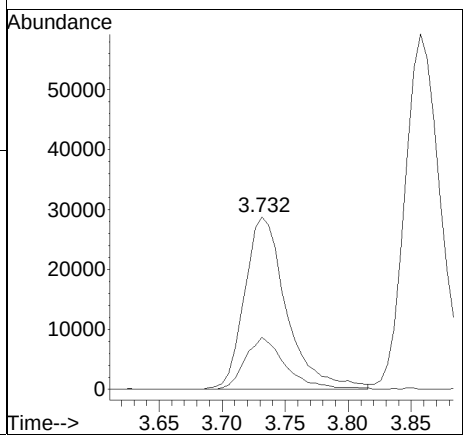


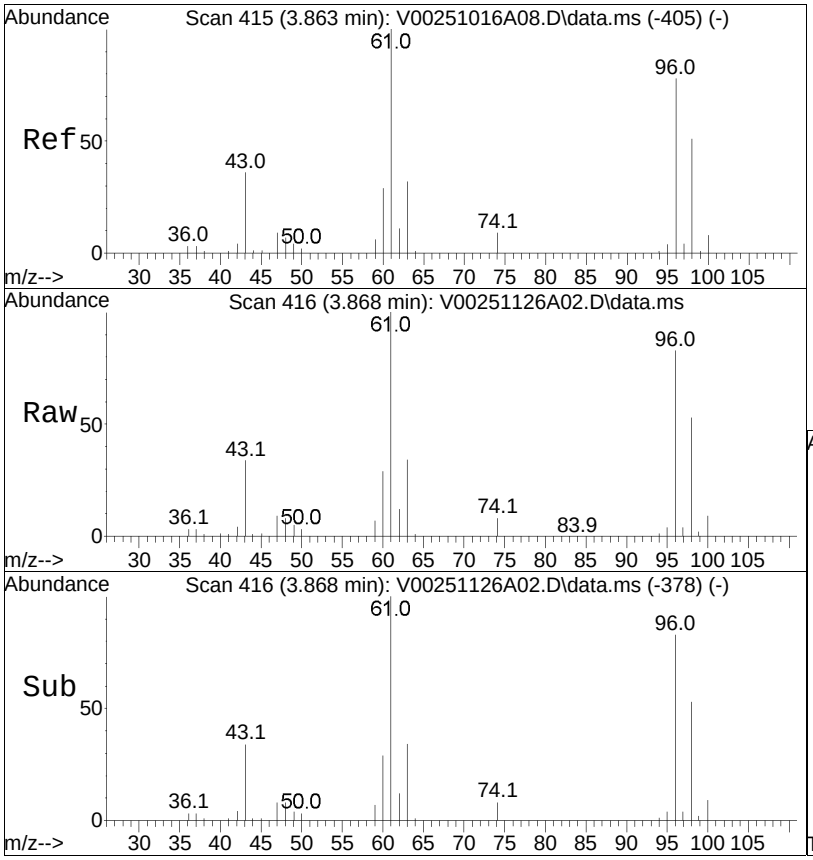


#17
Acetone
Concen: 24.17 ug/L
RT: 3.732 min Scan# 390
Delta R.T. -0.001 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 43 Resp: 67006

Ion	Ratio	Lower	Upper
43	100		
58	29.2	27.2	40.8

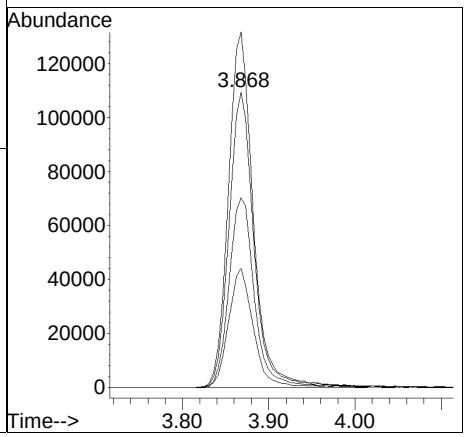


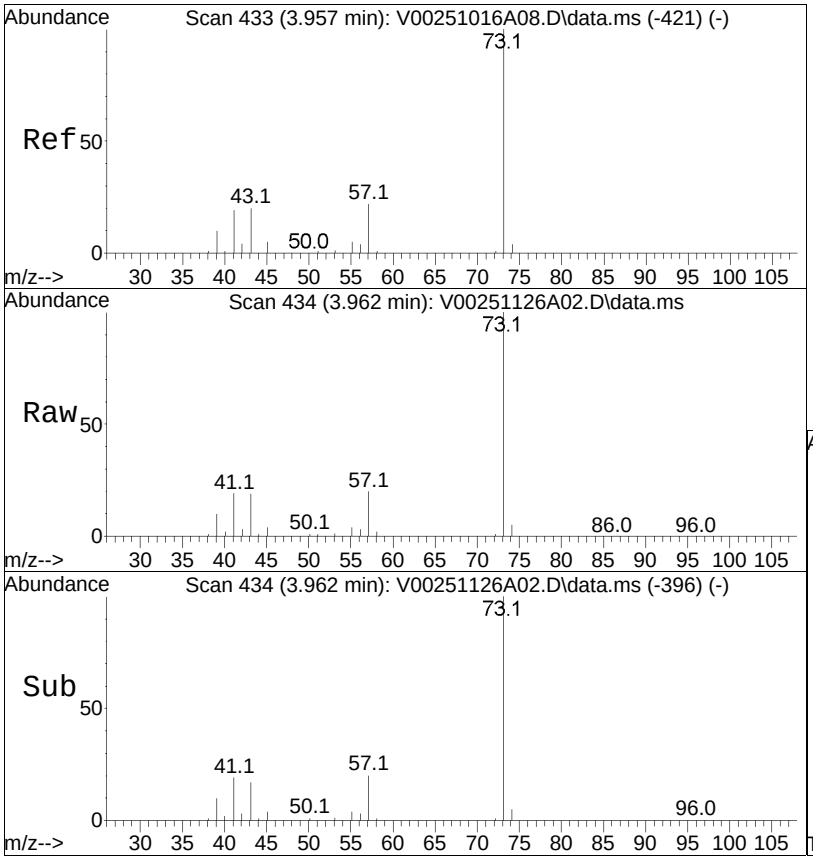


#18
trans-1,2-Dichloroethene
Concen: 37.63 ug/L
RT: 3.868 min Scan# 416
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 96 Resp: 221718

Ion	Ratio	Lower	Upper
96	100		
61	120.1	96.5	200.5
98	65.2	40.6	84.2
63	39.7	30.2	62.8

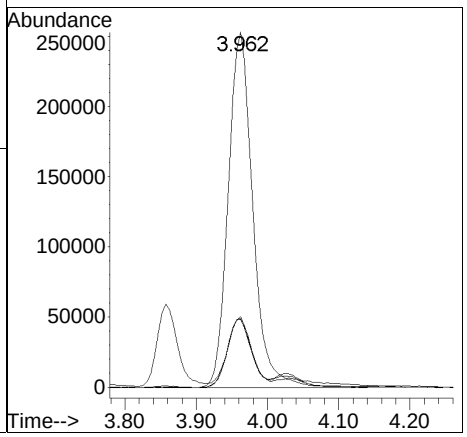


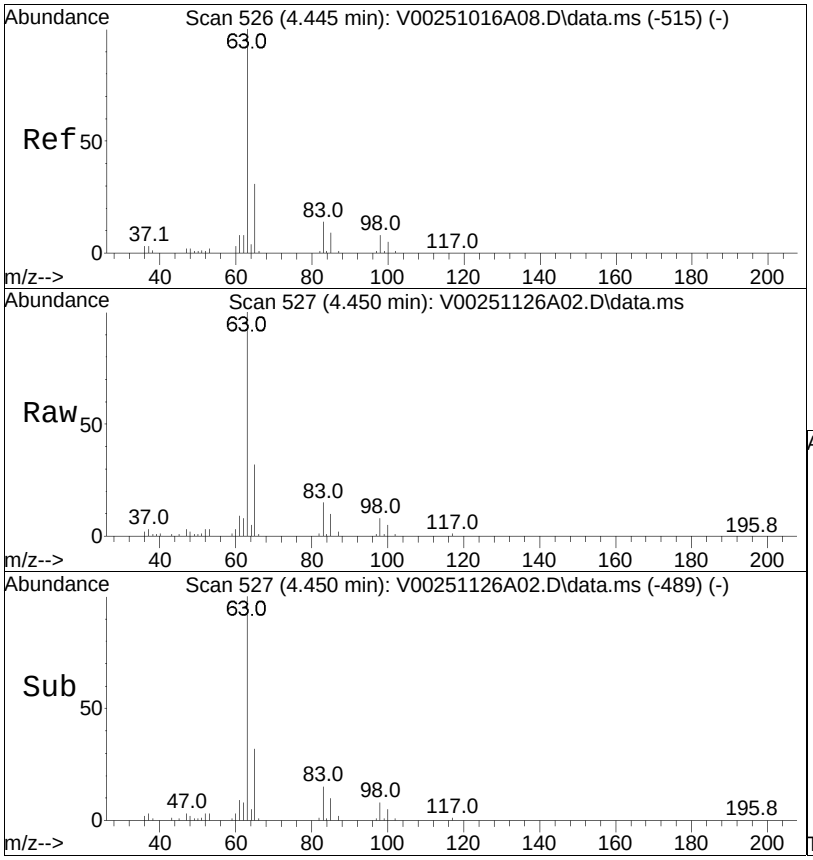


#20
Methyl tert-butyl ether
Concen: 39.26 ug/L
RT: 3.962 min Scan# 434
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 73 Resp: 622273

Ion	Ratio	Lower	Upper
73	100		
57	18.8	14.7	30.5
43	18.6	12.5	26.1
41	18.2	11.6	24.0

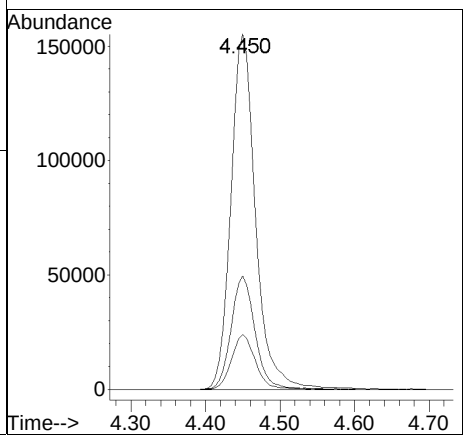


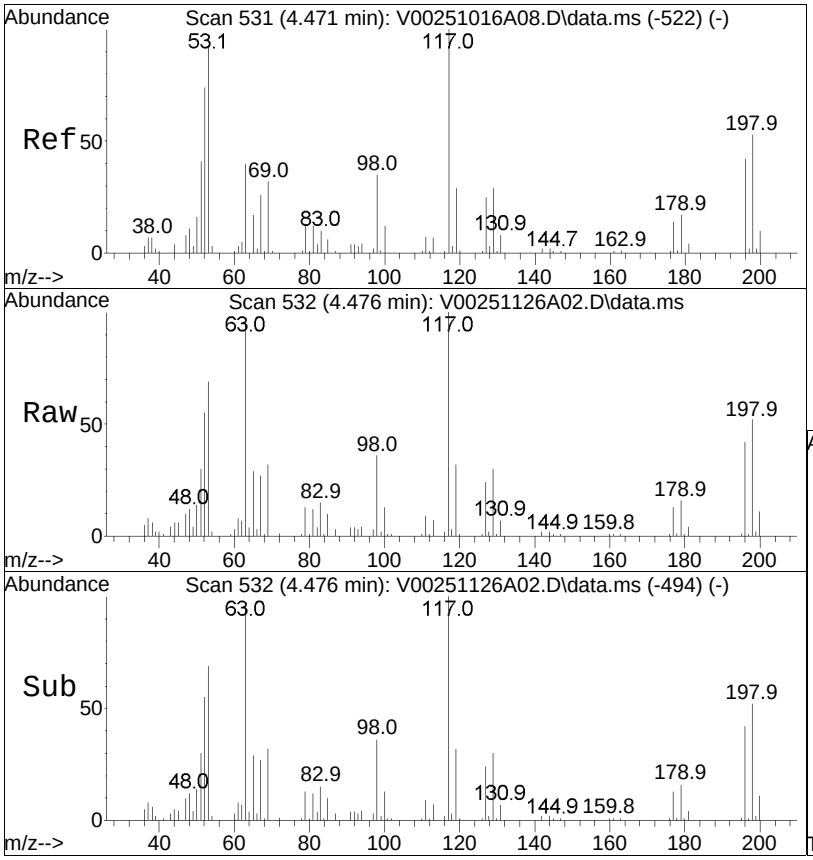


#23
1,1-Dichloroethane
Concen: 35.15 ug/L
RT: 4.450 min Scan# 527
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 63 Resp: 358169

Ion	Ratio	Lower	Upper
63	100		
65	31.0	10.4	50.4
83	15.0	0.0	32.6

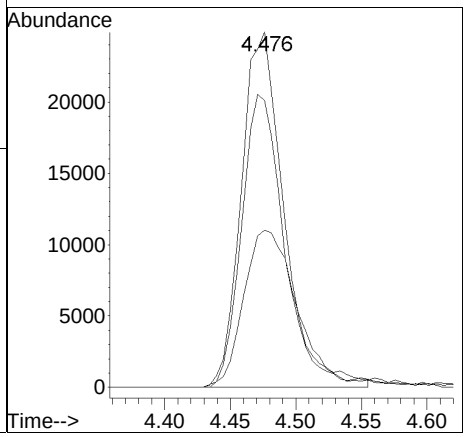


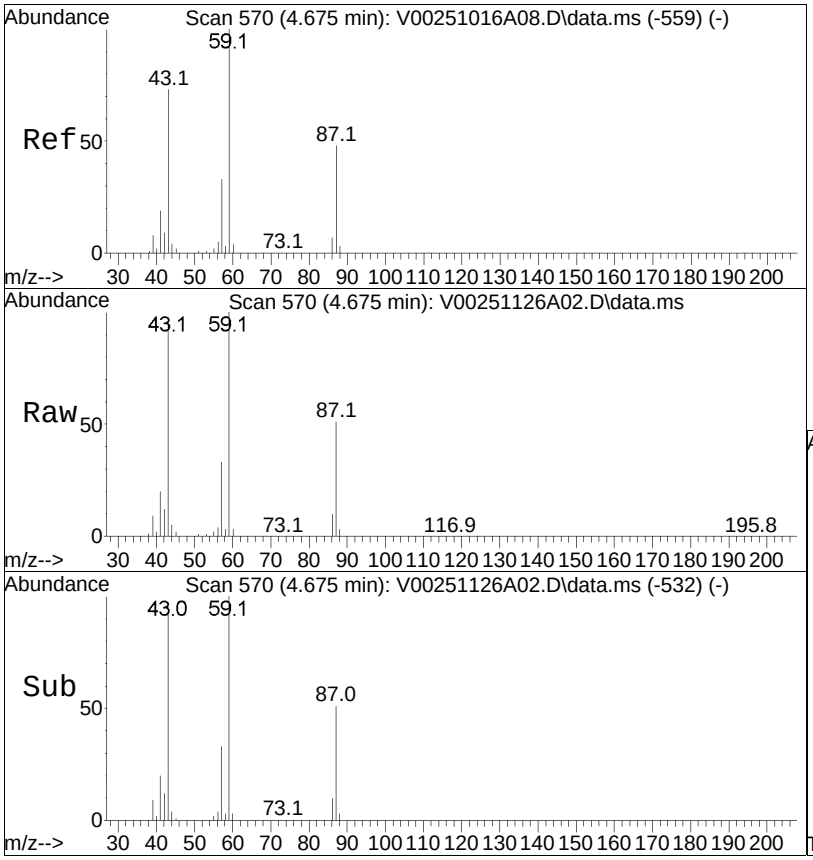


#25
Acrylonitrile
Concen: 36.62 ug/L
RT: 4.476 min Scan# 532
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 53 Resp: 56623

Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.8	98.6
51	56.1	55.1	82.7

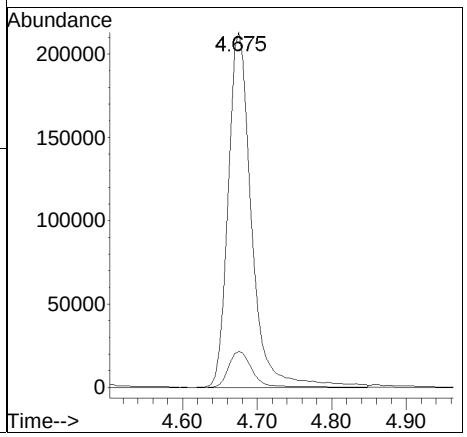


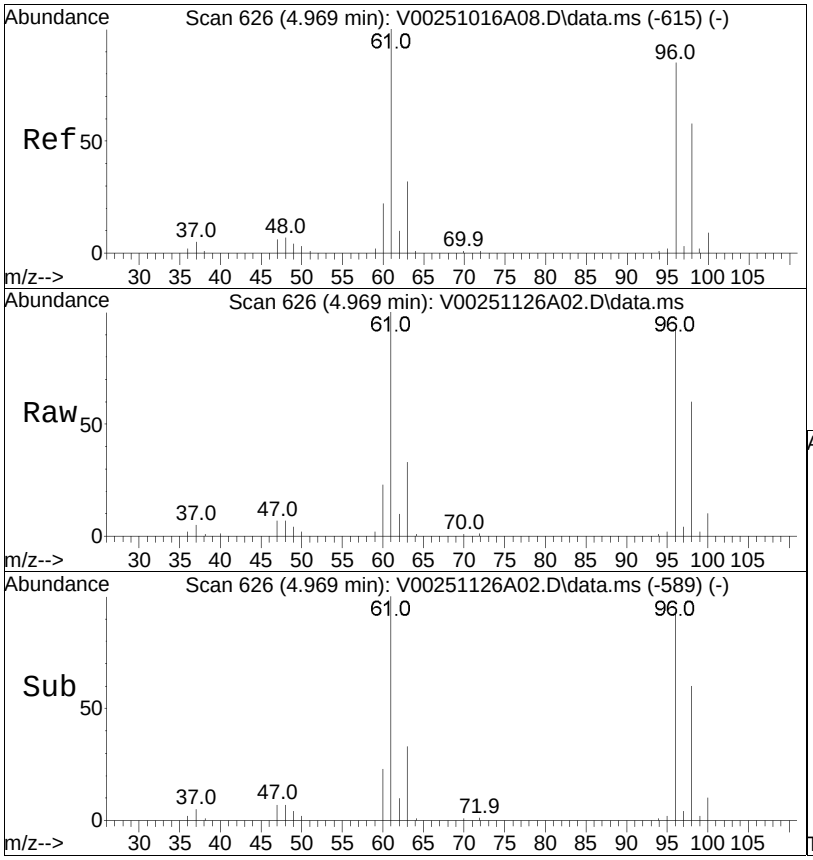


#27
Vinyl acetate
Concen: 39.80 ug/L
RT: 4.675 min Scan# 570
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 43 Resp: 467527

Ion	Ratio	Lower	Upper
43	100		
86	10.0	9.0	13.4

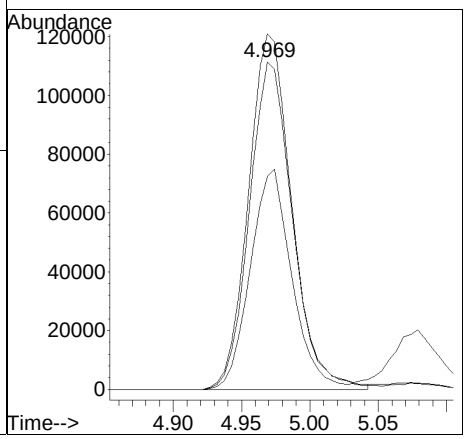


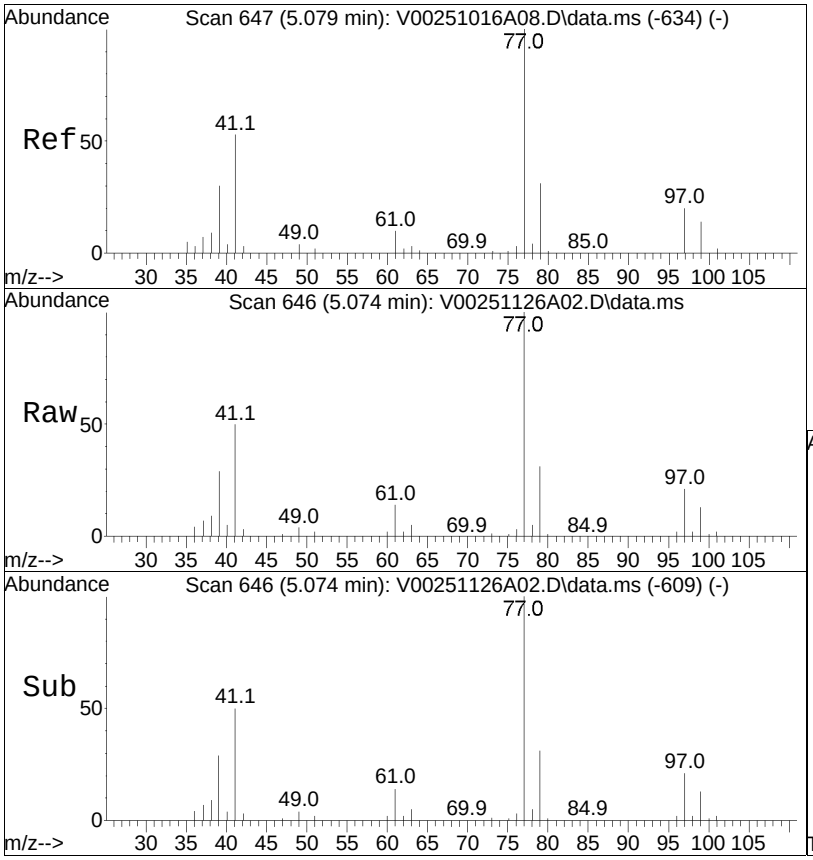


#28
cis-1,2-Dichloroethene
Concen: 37.83 ug/L
RT: 4.969 min Scan# 626
Delta R.T. -0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 96 Resp: 244164

Ion	Ratio	Lower	Upper
96	100		
61	108.9	107.8	161.8
98	65.7	51.4	77.0

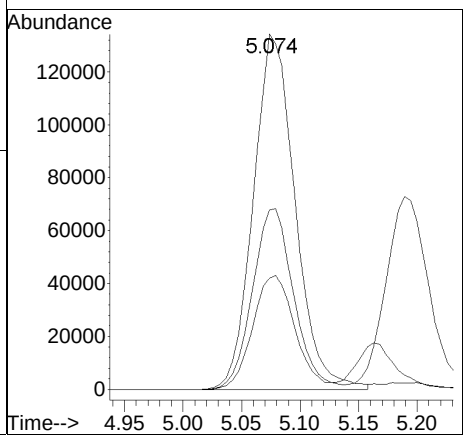


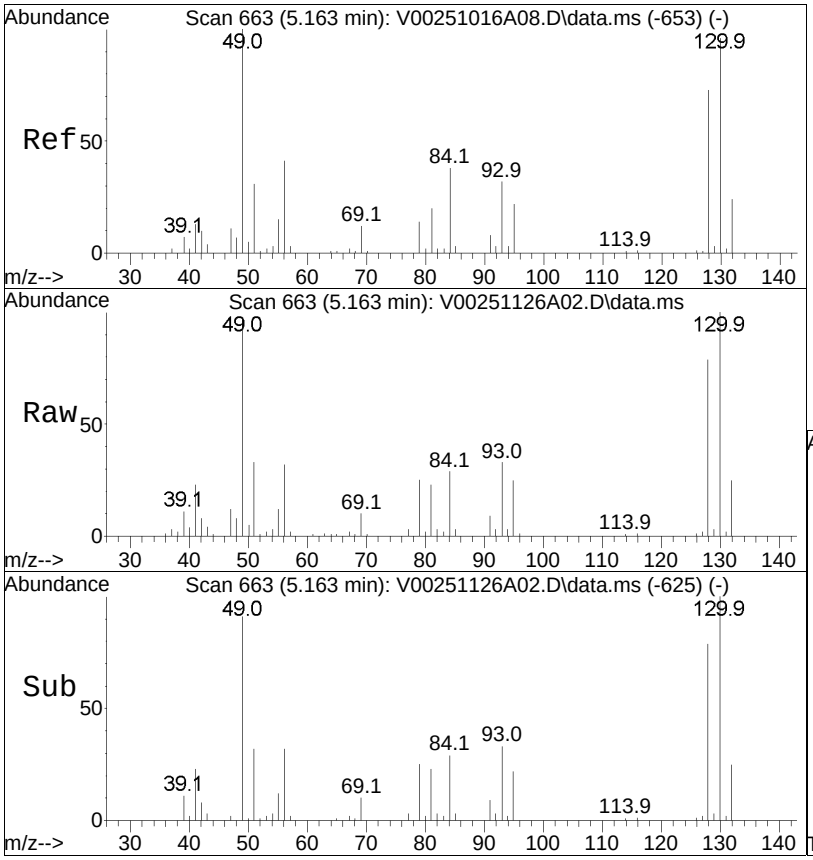


#29
2,2-Dichloropropane
Concen: 39.64 ug/L
RT: 5.074 min Scan# 646
Delta R.T. -0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 77 Resp: 332778

Ion	Ratio	Lower	Upper
77	100		
41	50.2	31.3	64.9
79	32.5	21.1	43.9

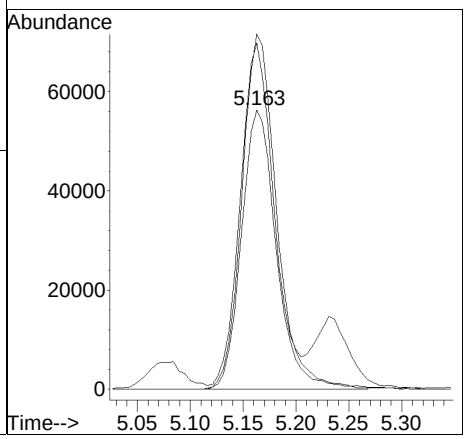


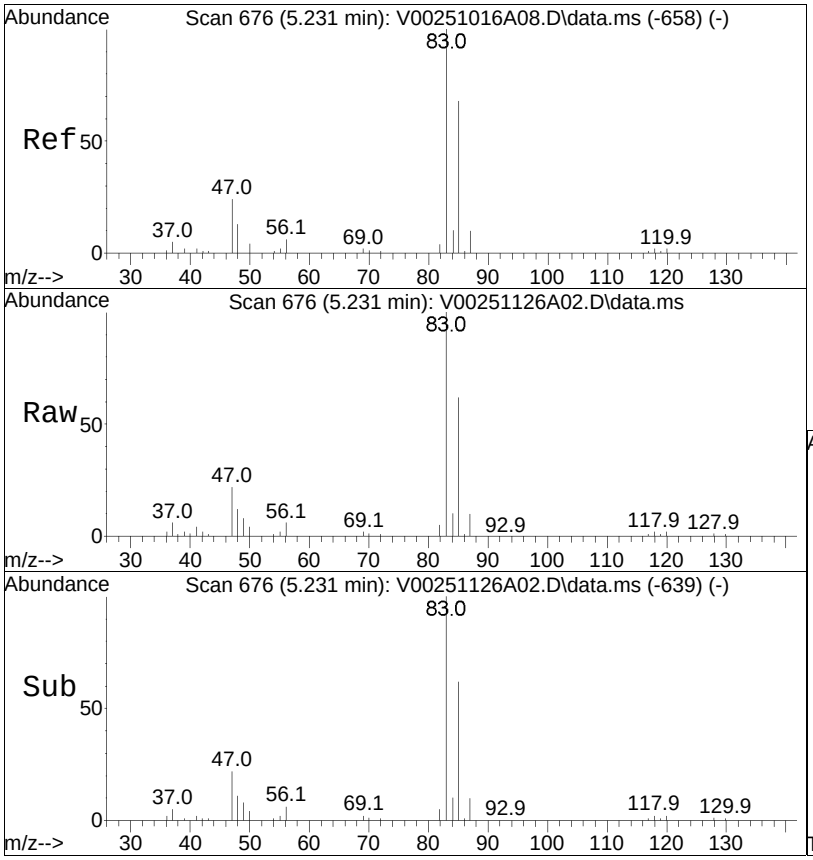


#31
Bromochloromethane
Concen: 40.46 ug/L
RT: 5.163 min Scan# 663
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:128 Resp: 129809

Ion	Ratio	Lower	Upper
128	100		
49	118.9	113.6	170.4
130	126.9	101.9	152.9

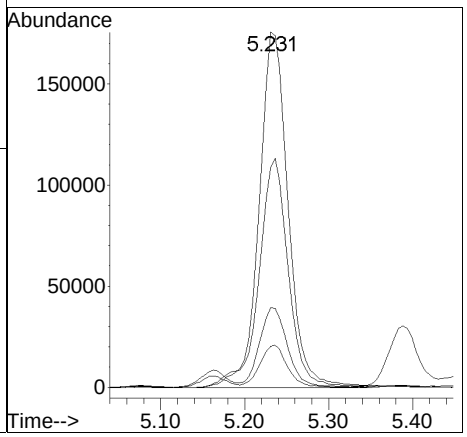


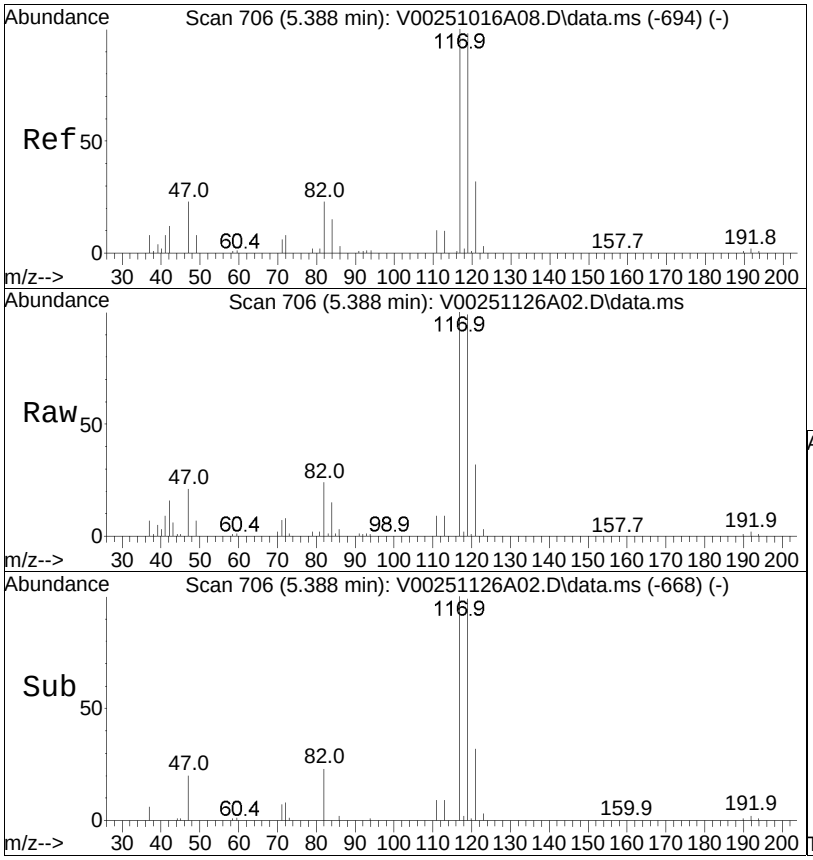


#33
Chloroform
Concen: 38.45 ug/L
RT: 5.231 min Scan# 676
Delta R.T. -0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 83 Resp: 422160

Ion	Ratio	Lower	Upper
83	100		
85	65.7	43.3	89.9
47	21.4	14.4	29.8
48	11.3	7.5	15.7

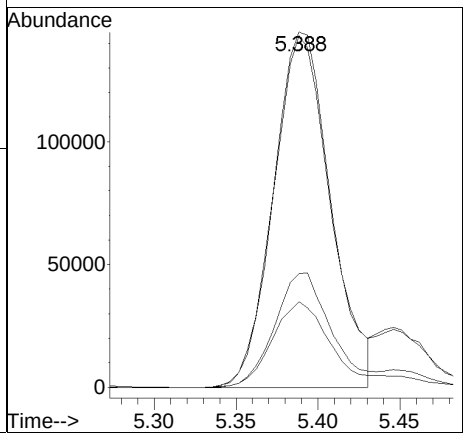


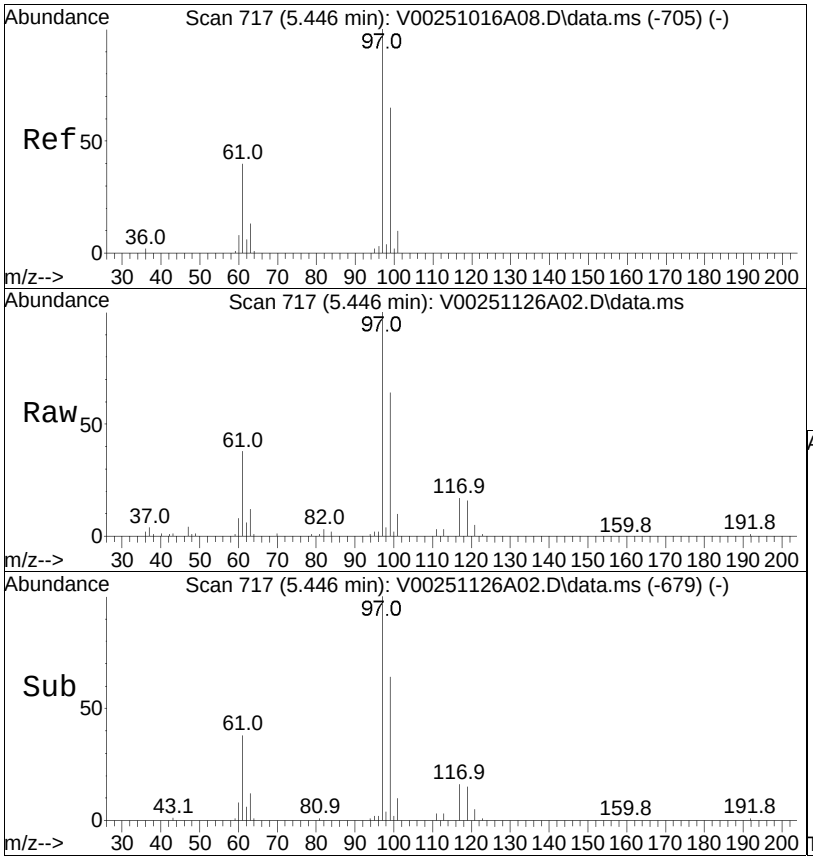


#35
Carbon tetrachloride
Concen: 44.56 ug/L
RT: 5.388 min Scan# 706
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:117 Resp: 353591

Ion	Ratio	Lower	Upper
117	100		
119	97.5	62.7	130.3
121	31.8	20.5	42.7
82	27.1	17.4	36.2

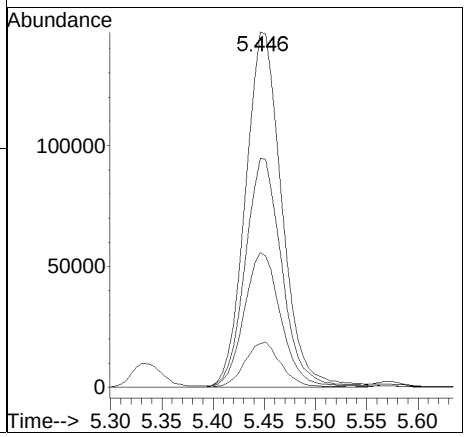


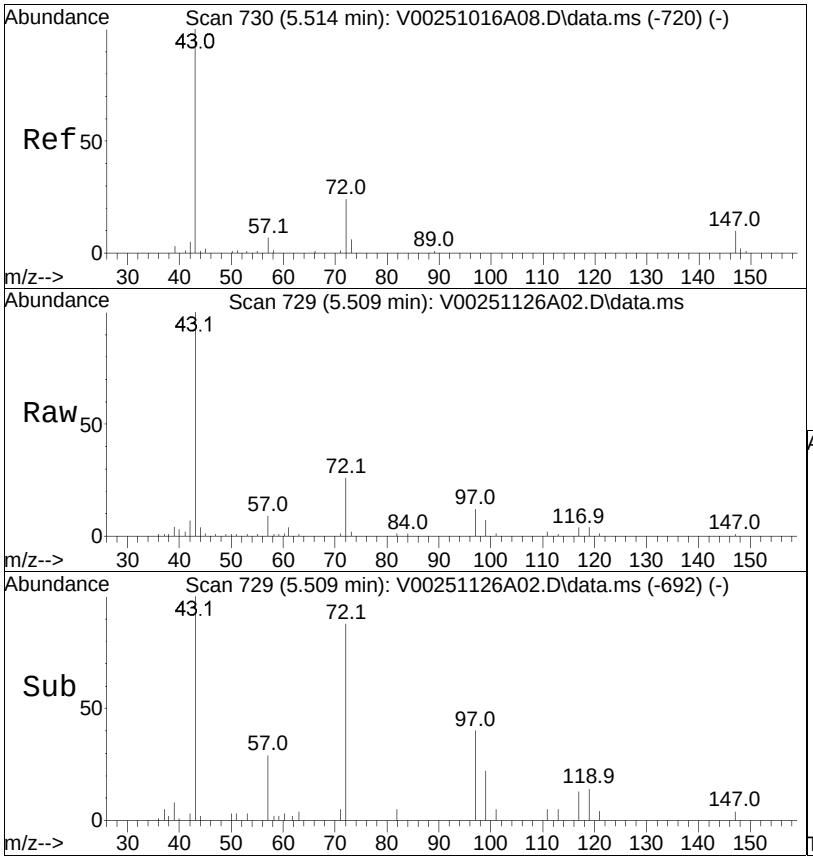


#38
1,1,1-Trichloroethane
Concen: 43.88 ug/L
RT: 5.446 min Scan# 717
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 97 Resp: 364529

Ion	Ratio	Lower	Upper
97	100		
99	65.4	41.5	86.3
61	38.3	30.6	63.6
63	12.8	9.9	20.5

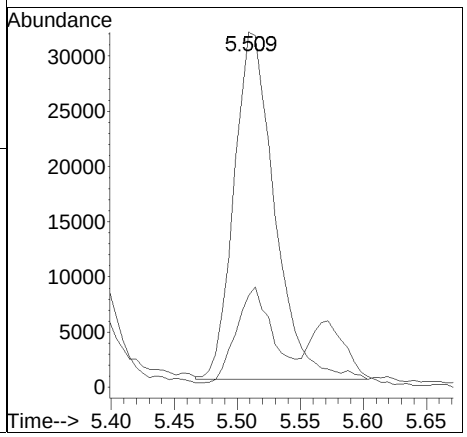


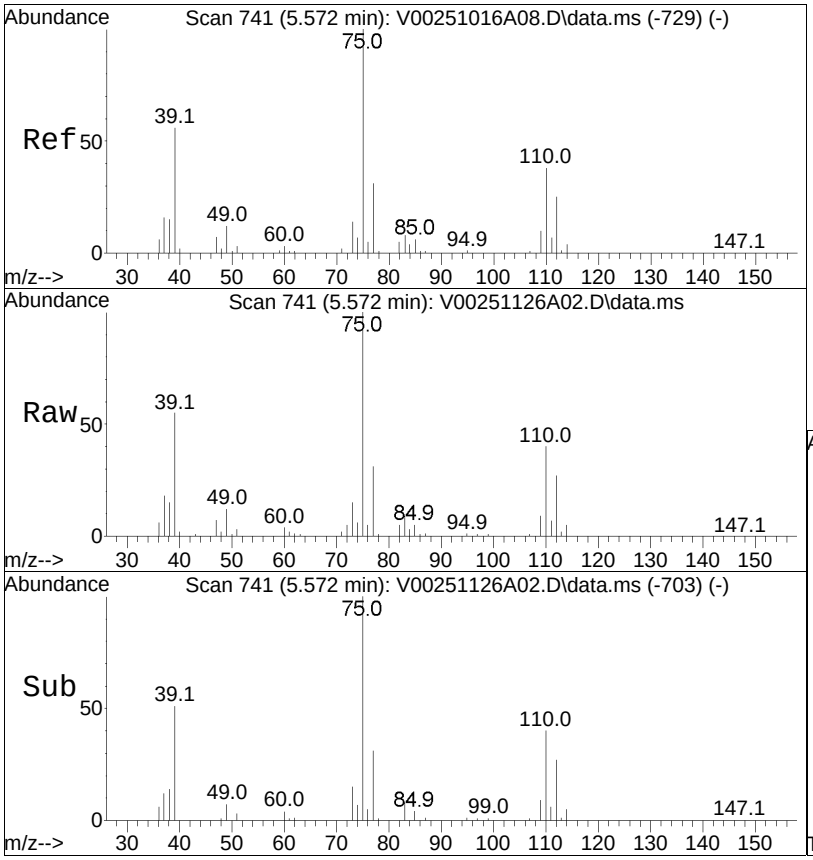


#40
2-Butanone
Concen: 34.15 ug/L
RT: 5.509 min Scan# 729
Delta R.T. -0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 43 Resp: 70528

Ion	Ratio	Lower	Upper
43	100		
72	26.7	19.4	29.0

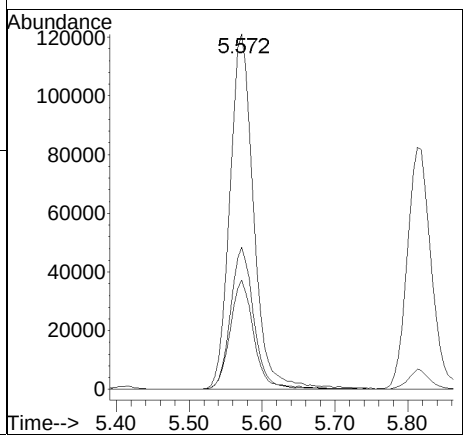


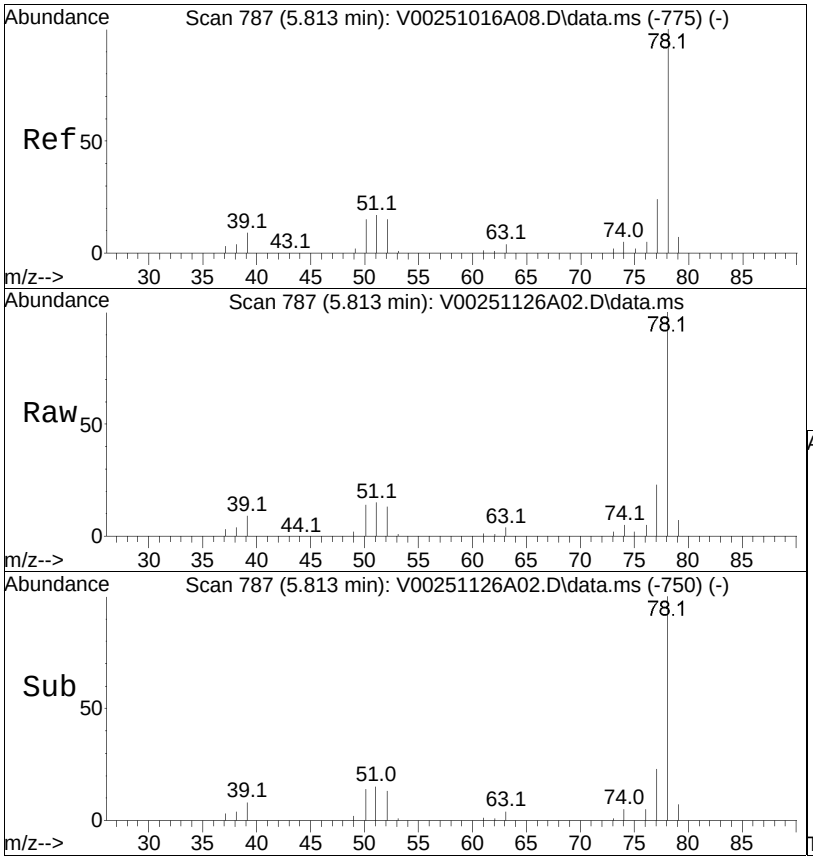


#41
1,1-Dichloropropene
Concen: 41.64 ug/L
RT: 5.572 min Scan# 741
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 75 Resp: 277636

Ion	Ratio	Lower	Upper
75	100		
110	39.3	22.9	47.5
77	30.0	19.6	40.6

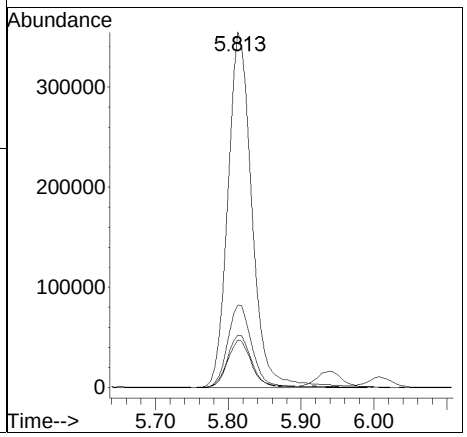


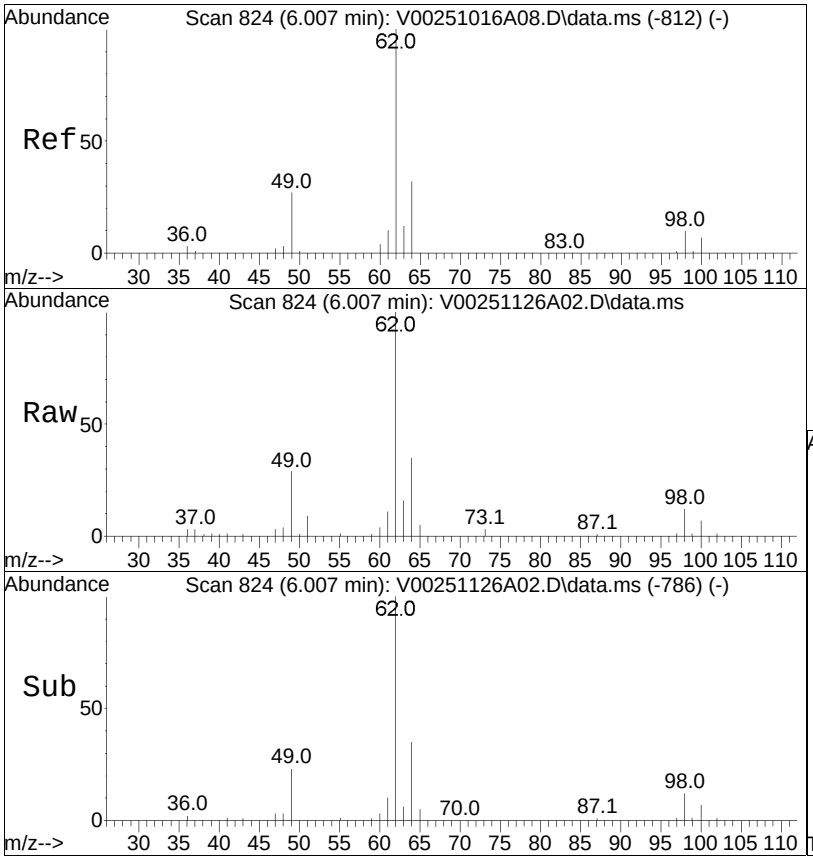


#42
Benzene
Concen: 37.82 ug/L
RT: 5.813 min Scan# 787
Delta R.T. -0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 78 Resp: 816277

Ion	Ratio	Lower	Upper
78	100		
77	23.6	15.6	32.4
51	14.7	10.2	21.2
52	13.2	9.6	19.8

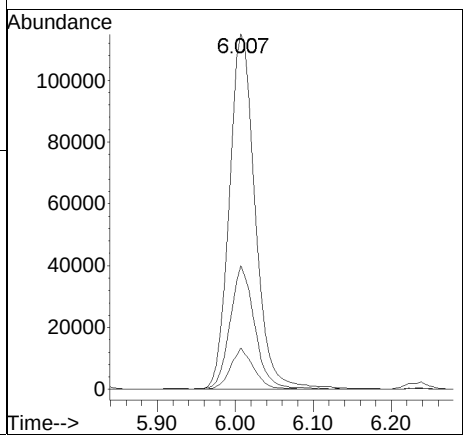


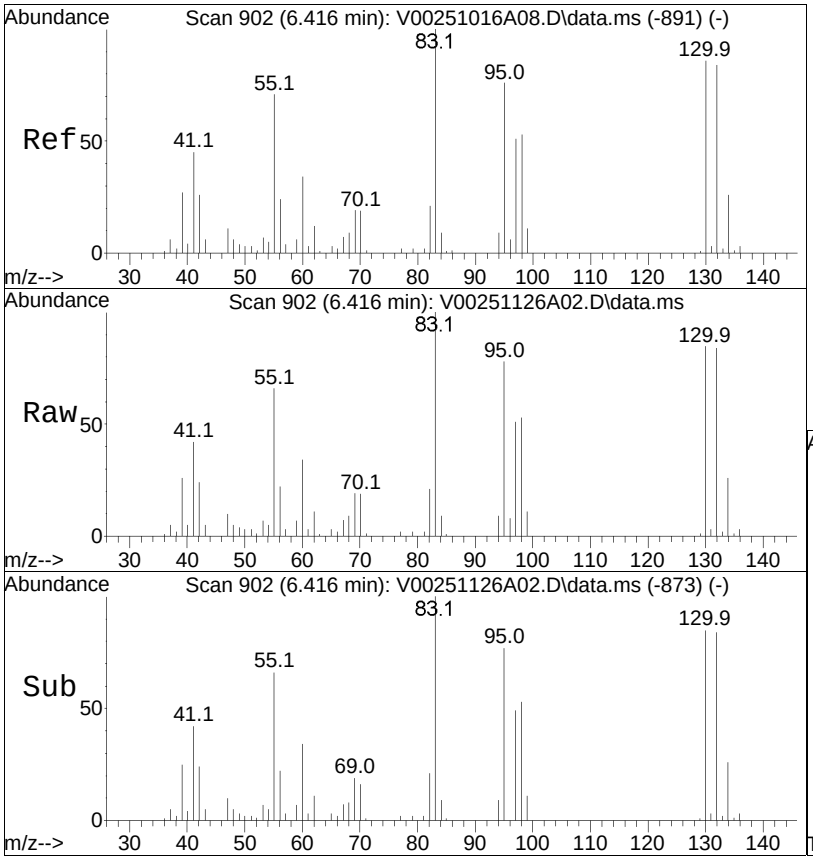


#45
1,2-Dichloroethane
Concen: 38.30 ug/L
RT: 6.007 min Scan# 824
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 62 Resp: 265808

Ion	Ratio	Lower	Upper
62	100		
64	33.5	12.6	52.6
98	10.5	0.0	28.7

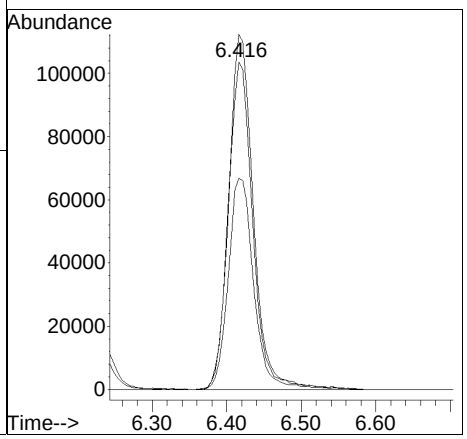


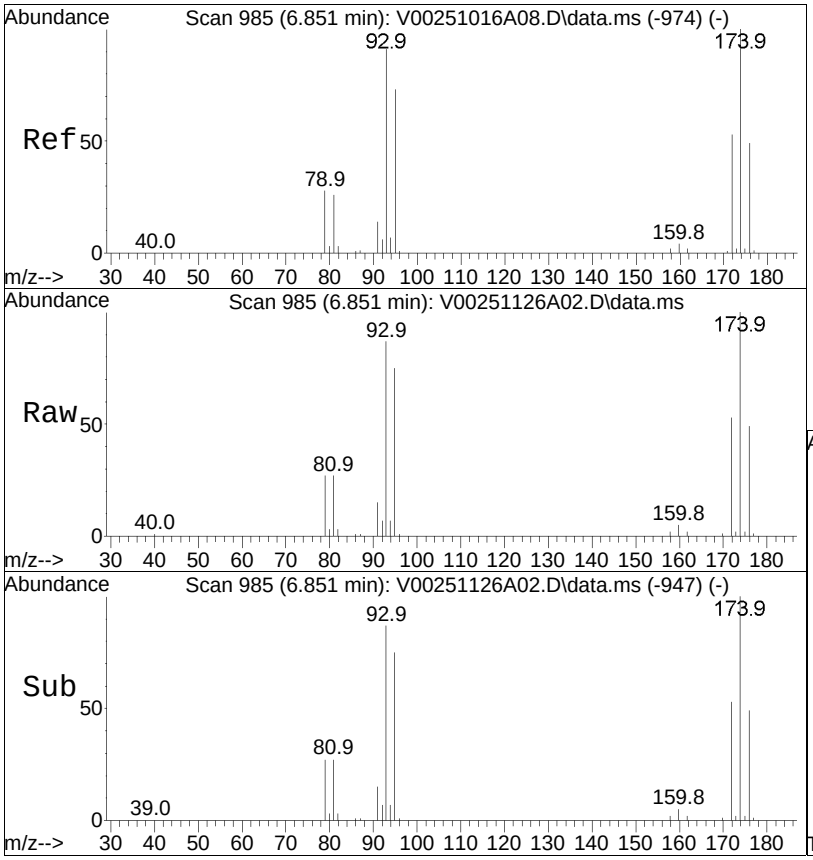


#49
Trichloroethene
Concen: 39.72 ug/L
RT: 6.416 min Scan# 902
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 95 Resp: 237858

Ion	Ratio	Lower	Upper
95	100		
97	66.7	54.2	81.4
130	109.3	77.0	115.6

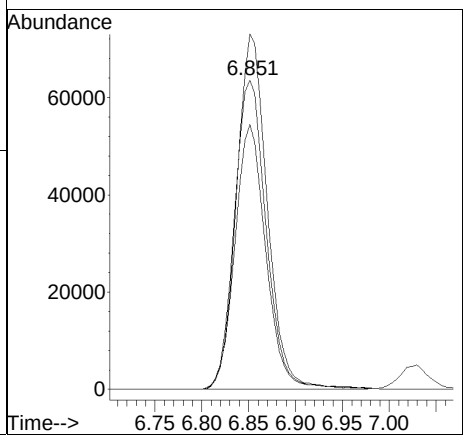


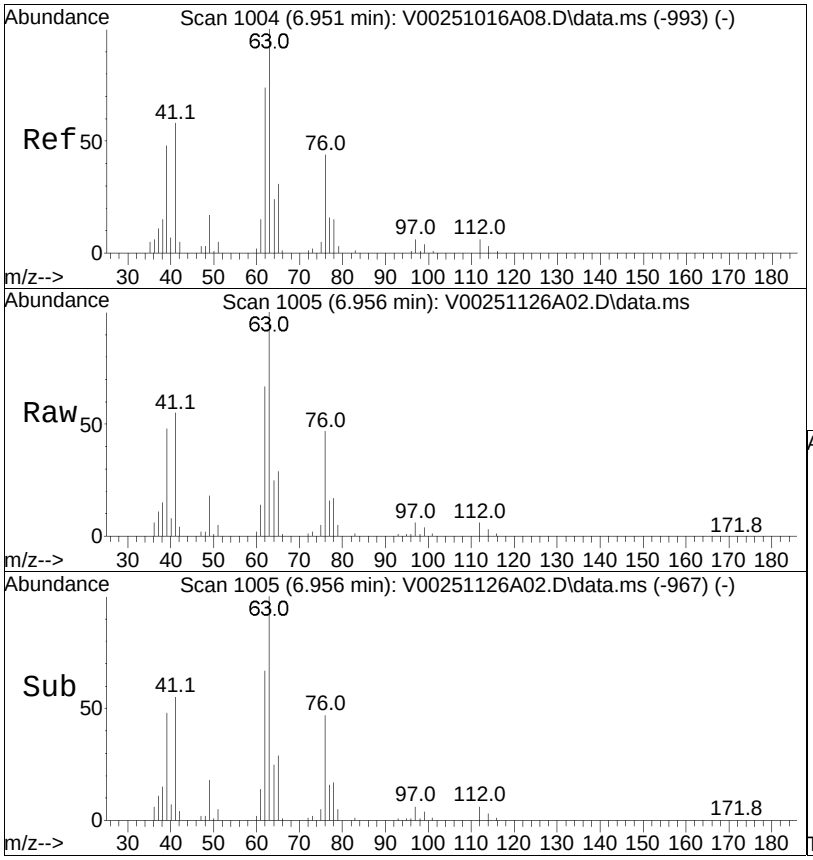


#51
Dibromomethane
Concen: 40.04 ug/L
RT: 6.851 min Scan# 985
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 93 Resp: 150095

Ion	Ratio	Lower	Upper
93	100		
95	84.3	66.6	100.0
174	111.5	76.7	115.1

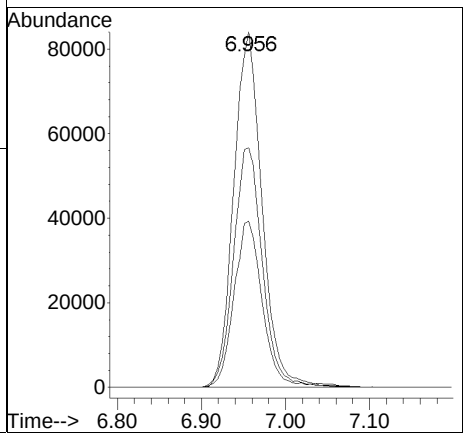


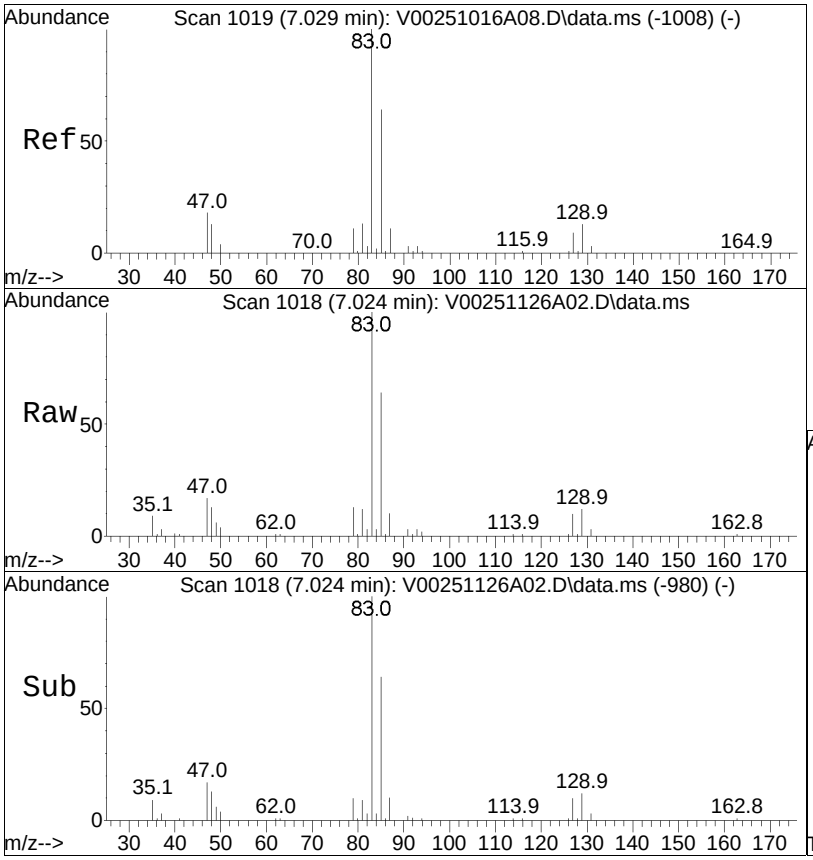


#52
1,2-Dichloropropane
Concen: 35.41 ug/L
RT: 6.956 min Scan# 1005
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 63 Resp: 197890

Ion	Ratio	Lower	Upper
63	100		
62	68.7	57.8	86.8
76	46.9	34.0	51.0

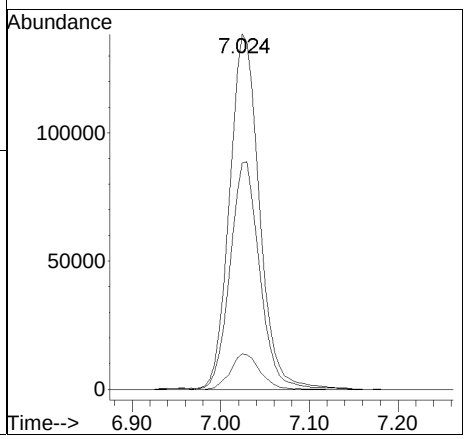


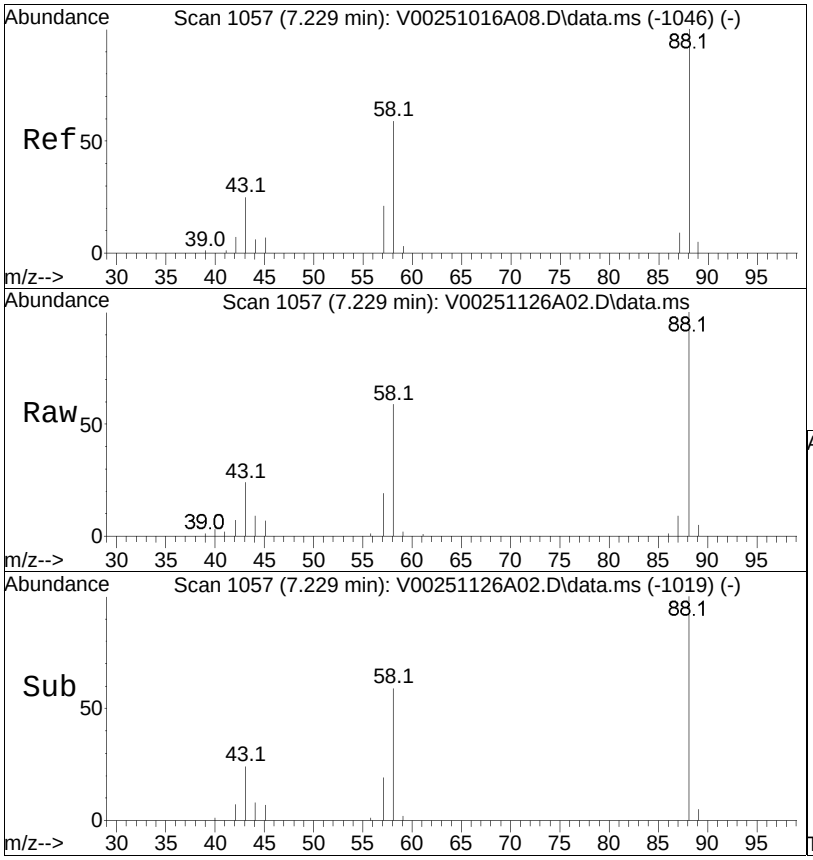


#55
Bromodichloromethane
Concen: 39.19 ug/L
RT: 7.024 min Scan# 1018
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 83 Resp: 325106

Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.9	76.3
127	9.9	6.6	9.8#

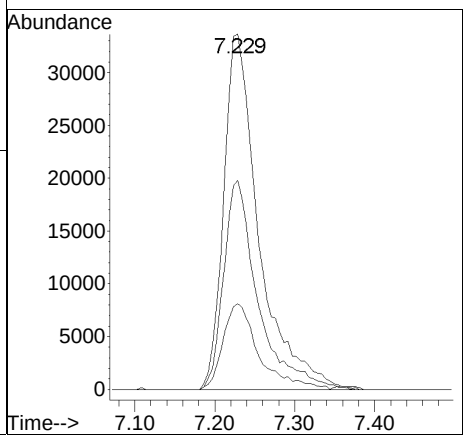


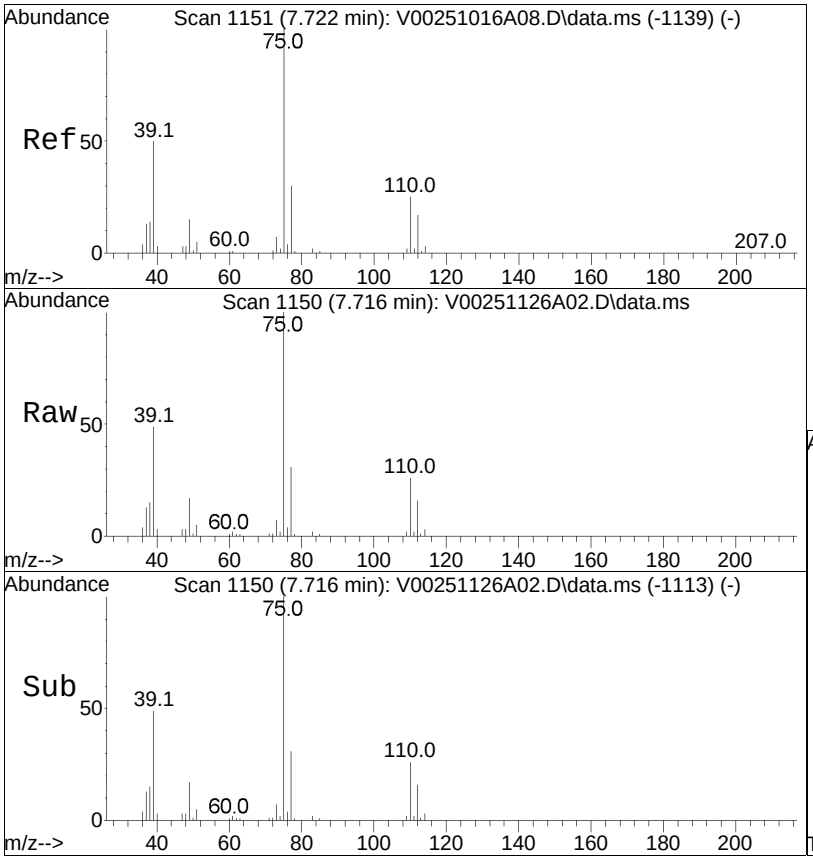


#58
1,4-Dioxane
Concen: 2200.37 ug/L
RT: 7.229 min Scan# 1057
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 88 Resp: 103173

Ion	Ratio	Lower	Upper
88	100		
58	57.2	54.6	82.0
43	24.6	17.8	26.6

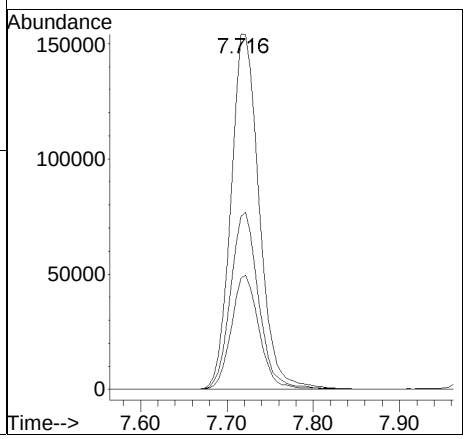


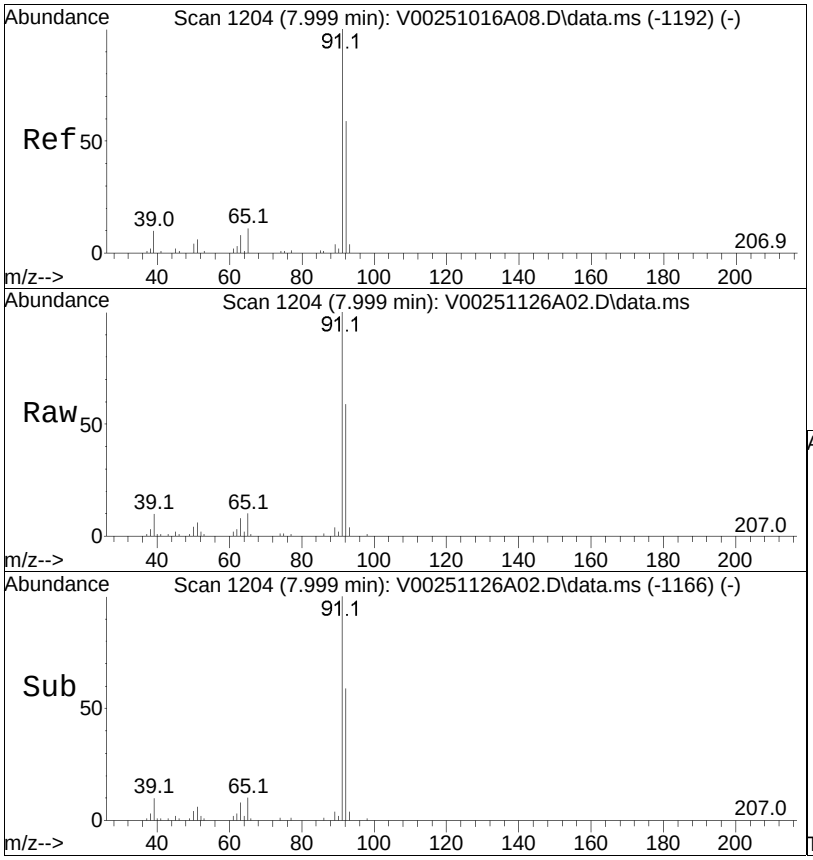


#59
cis-1,3-Dichloropropene
Concen: 38.41 ug/L
RT: 7.716 min Scan# 1150
Delta R.T. -0.006 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 75 Resp: 352374

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.7	38.5
39	49.5	32.3	48.5#

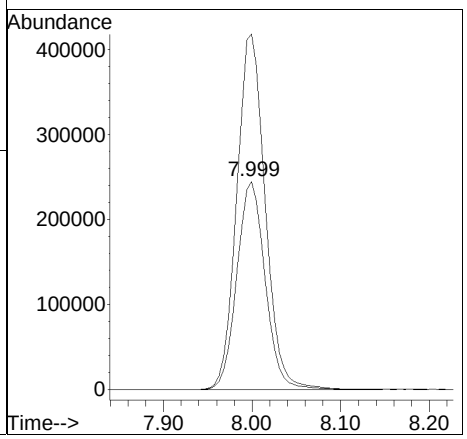


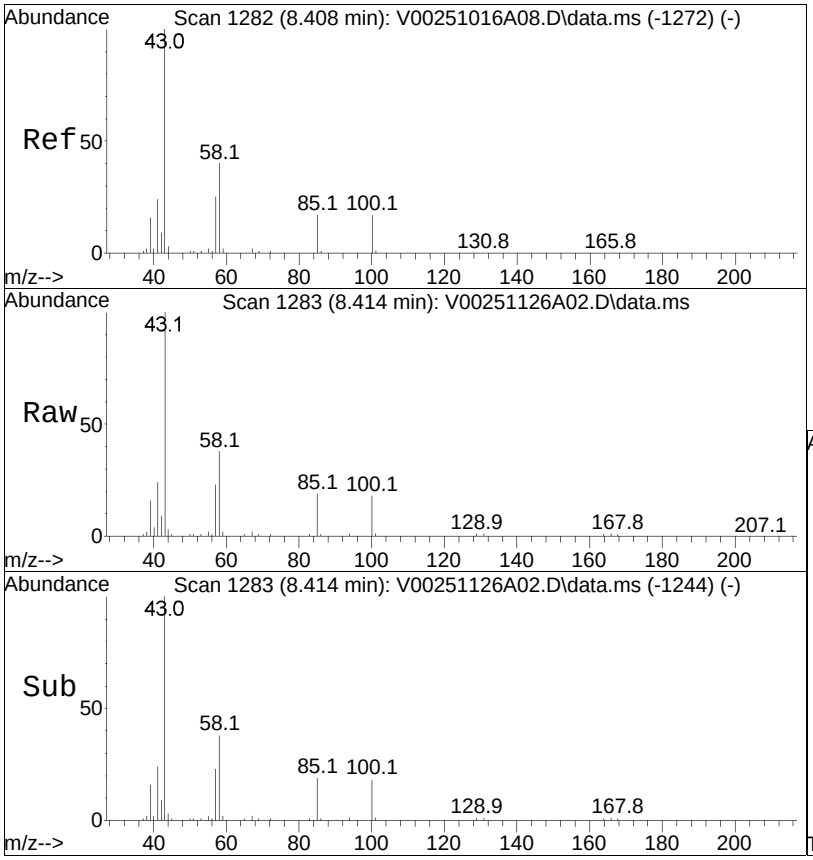


#62
Toluene
Concen: 42.35 ug/L
RT: 7.999 min Scan# 1204
Delta R.T. -0.001 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 92 Resp: 542267

Ion	Ratio	Lower	Upper
92	100		
91	171.6	138.2	207.2

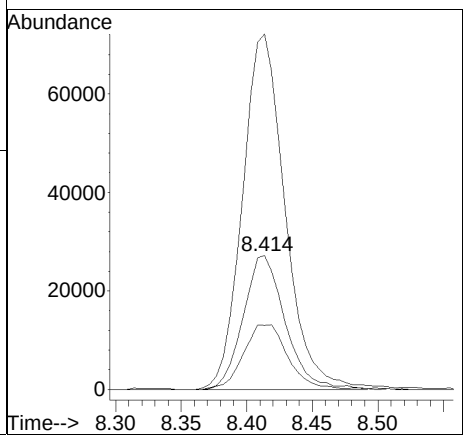


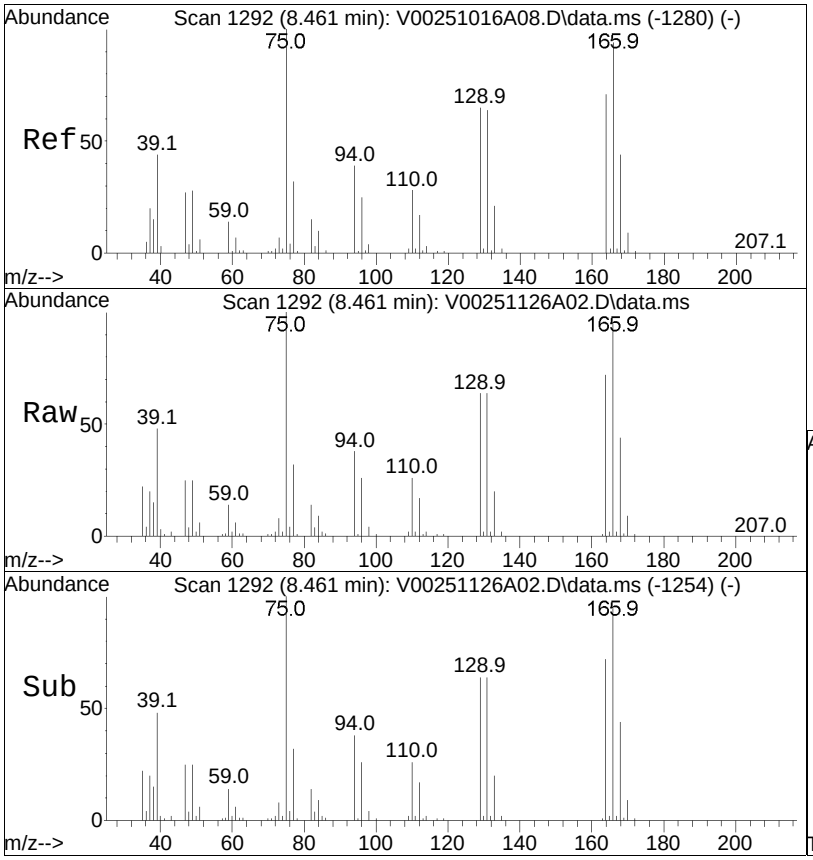


#63
4-Methyl-2-pentanone
Concen: 39.32 ug/L
RT: 8.414 min Scan# 1283
Delta R.T. 0.006 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 58 Resp: 60659

Ion	Ratio	Lower	Upper
58	100		
100	50.9	31.2	46.8#
43	269.3	156.5	234.7#

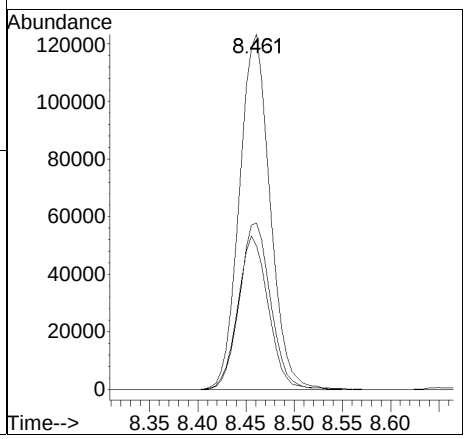


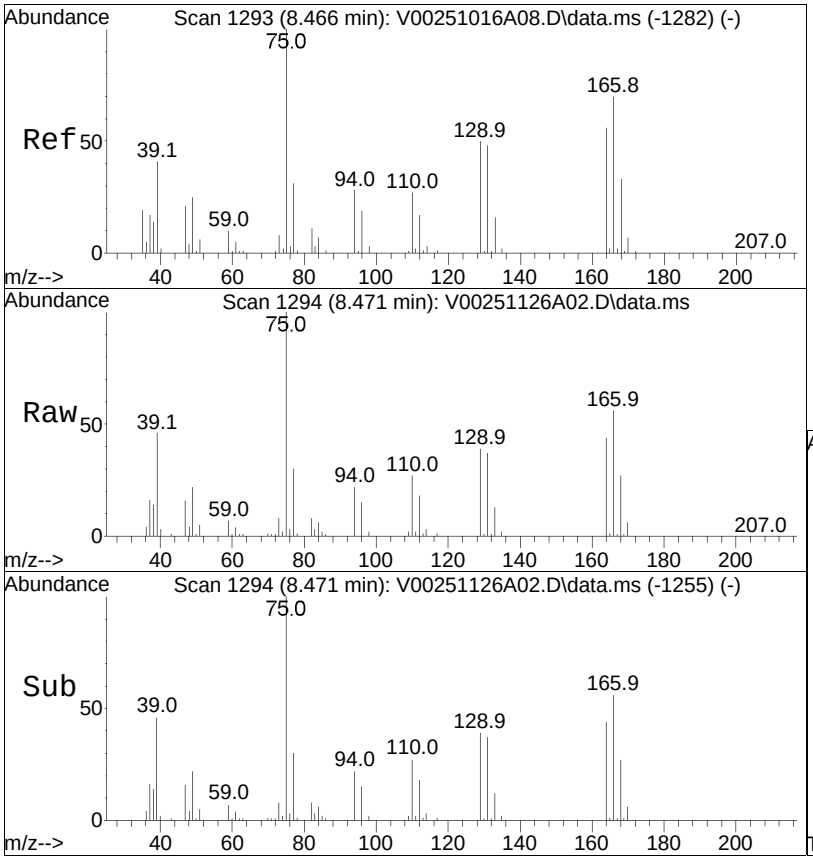


#64
Tetrachloroethene
Concen: 49.76 ug/L
RT: 8.461 min Scan# 1292
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:166 Resp: 273104

Ion	Ratio	Lower	Upper
166	100		
168	47.7	29.2	69.2
94	42.9	29.0	69.0

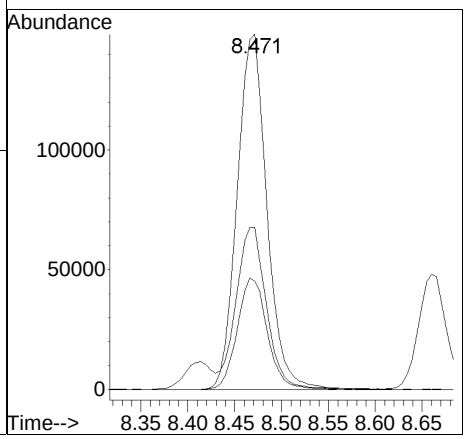


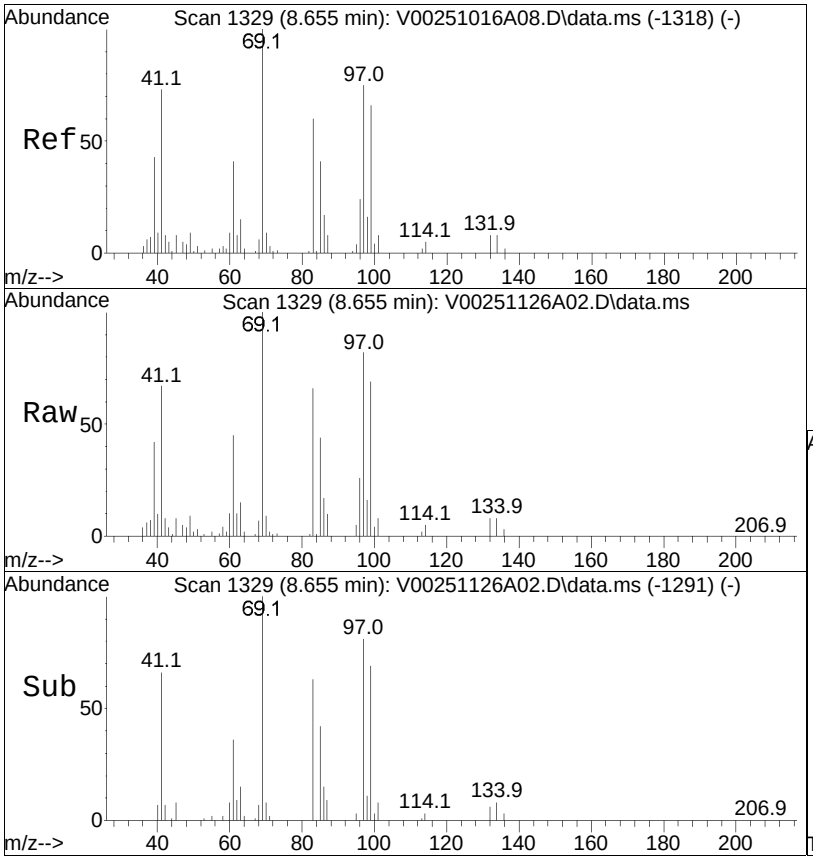


#66
trans-1,3-Dichloropropene
Concen: 42.70 ug/L
RT: 8.471 min Scan# 1294
Delta R.T. 0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 75 Resp: 327638

Ion	Ratio	Lower	Upper
75	100		
77	31.6	11.8	51.8
39	46.3	23.7	63.7

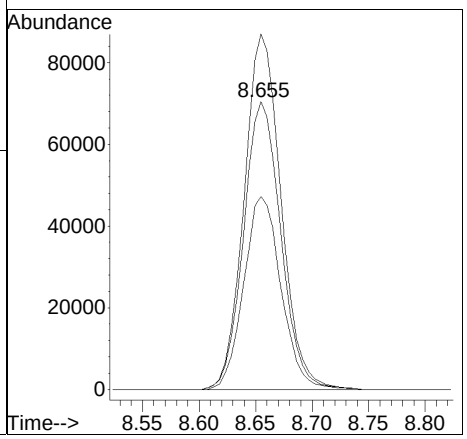


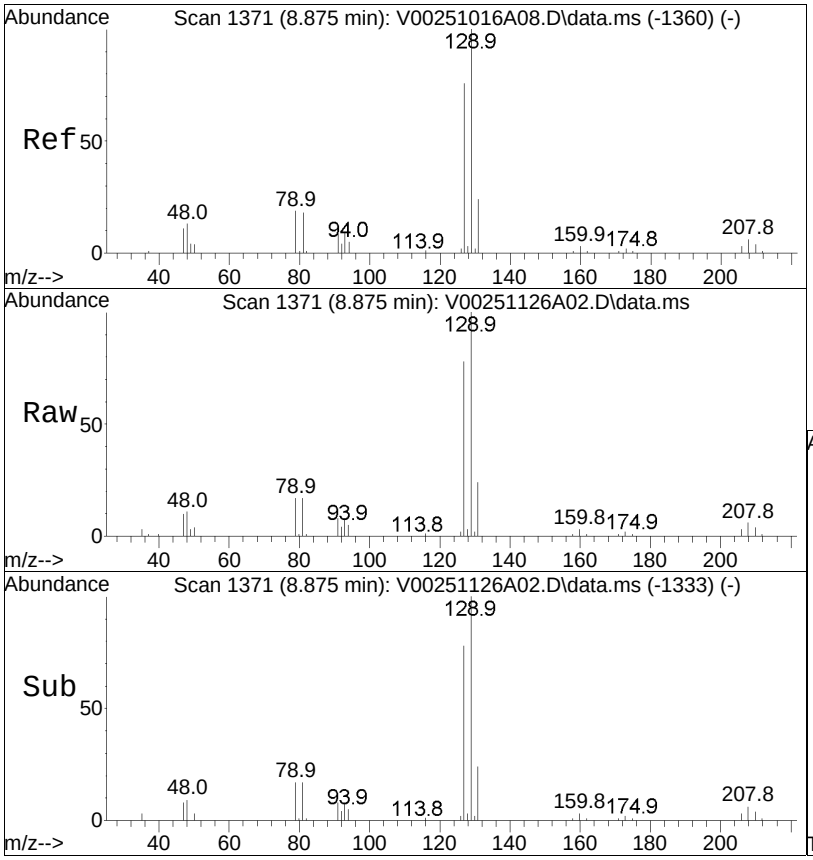


#69
1,1,2-Trichloroethane
Concen: 41.70 ug/L
RT: 8.655 min Scan# 1329
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 83 Resp: 161495

Ion	Ratio	Lower	Upper
83	100		
97	122.2	98.8	138.8
85	67.2	46.5	86.5

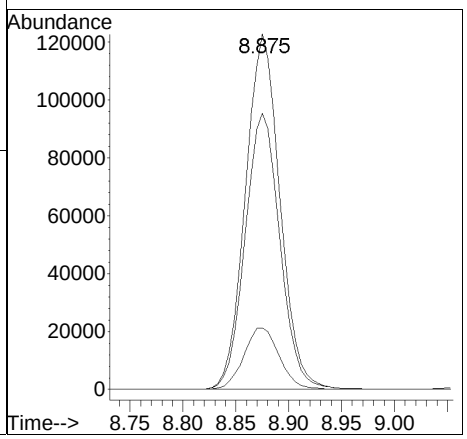


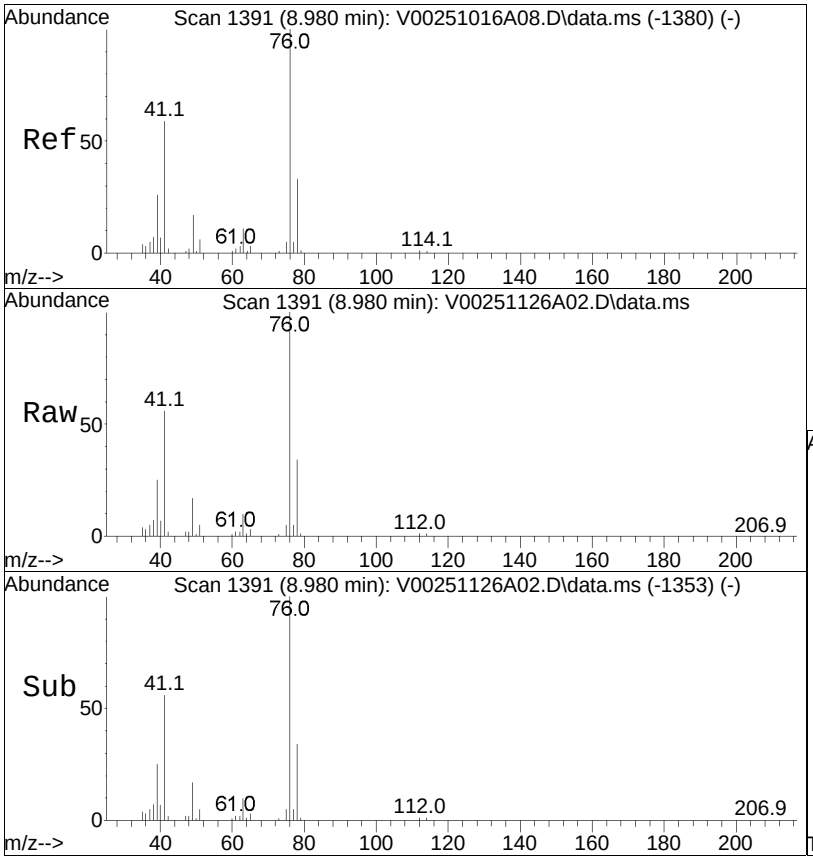


#70
Chlorodibromomethane
Concen: 47.02 ug/L
RT: 8.875 min Scan# 1371
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:129 Resp: 279327

Ion	Ratio	Lower	Upper
129	100		
81	17.8	0.1	40.1
127	78.3	58.4	98.4

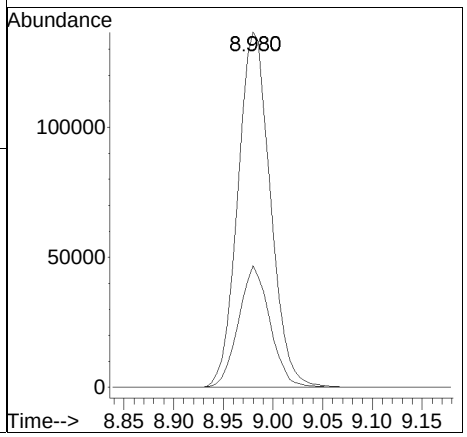


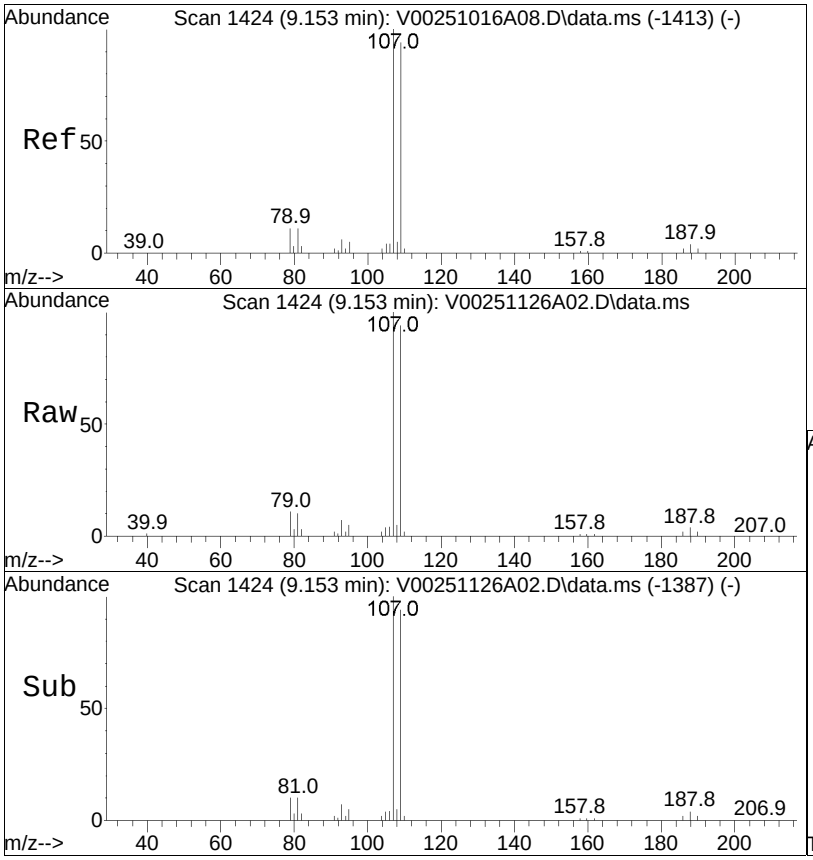


#71
1,3-Dichloropropane
Concen: 41.91 ug/L
RT: 8.980 min Scan# 1391
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 76 Resp: 311559

Ion	Ratio	Lower	Upper
76	100		
78	33.1	26.2	39.2

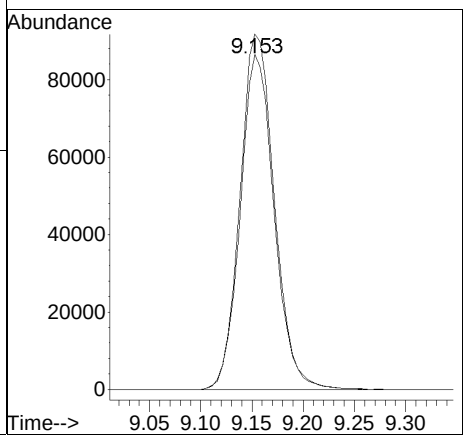


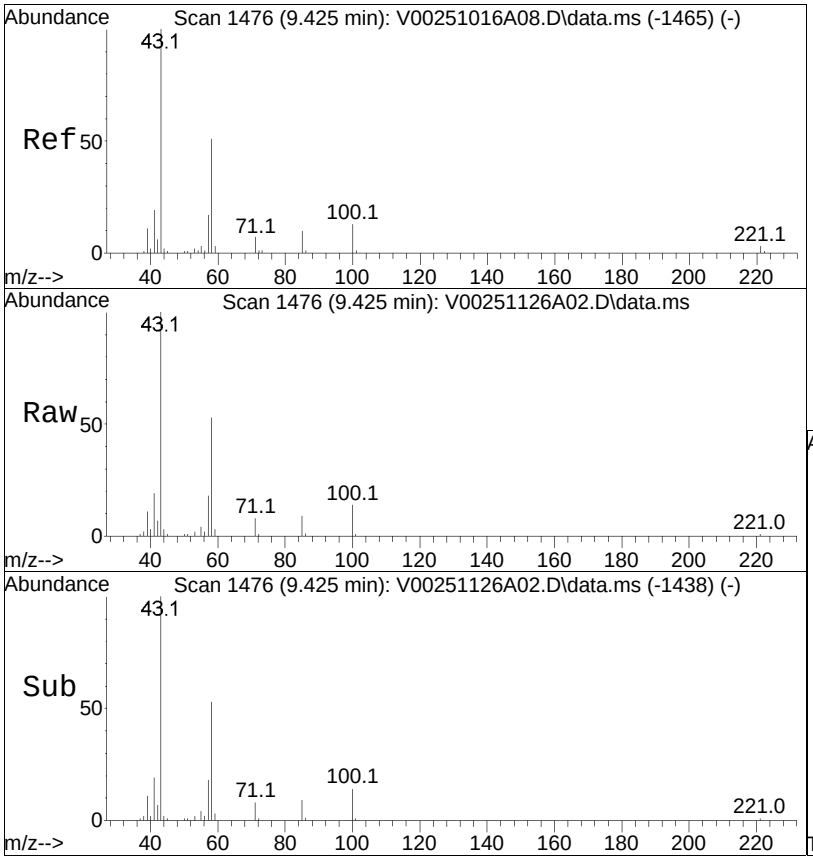


#72
1,2-Dibromoethane
Concen: 46.74 ug/L
RT: 9.153 min Scan# 1424
Delta R.T. -0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:107 Resp: 214254

Ion	Ratio	Lower	Upper
107	100		
109	92.8	75.4	113.0

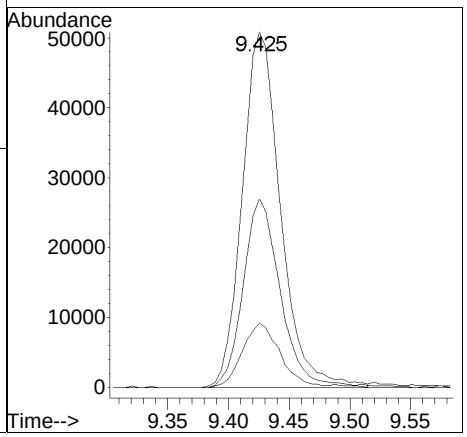


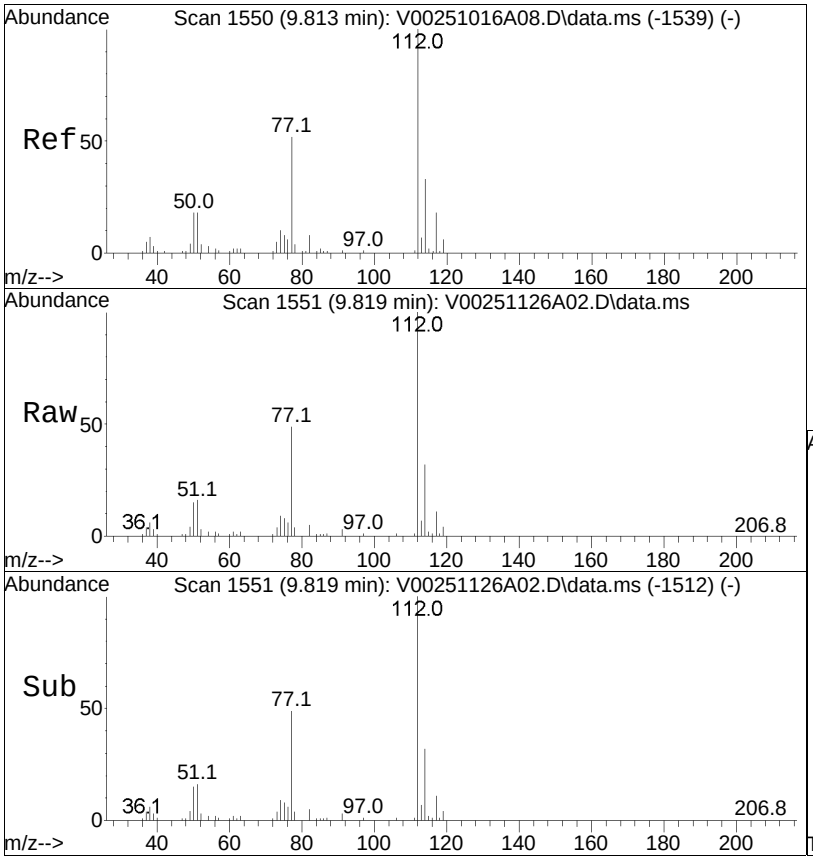


#73
2-Hexanone
Concen: 37.73 ug/L
RT: 9.425 min Scan# 1476
Delta R.T. -0.001 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 43 Resp: 111459

Ion	Ratio	Lower	Upper
43	100		
58	51.8	54.2	81.4#
57	17.9	17.8	26.6

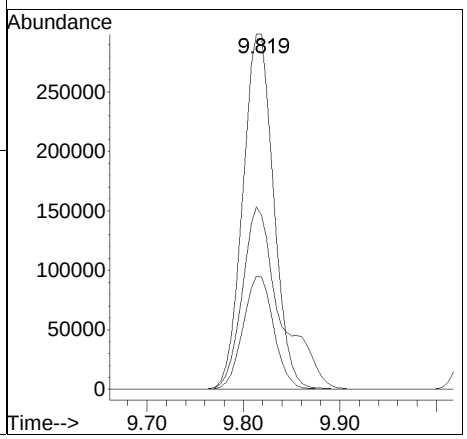


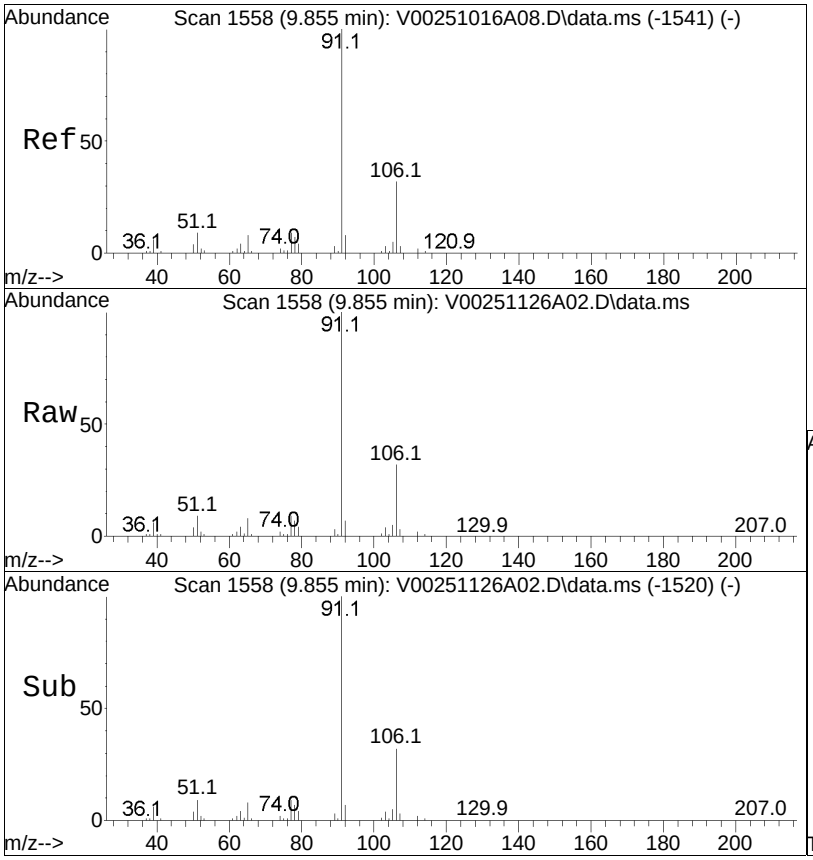


#74
Chlorobenzene
Concen: 43.21 ug/L
RT: 9.819 min Scan# 1551
Delta R.T. 0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:112 Resp: 664559

Ion	Ratio	Lower	Upper
112	100		
77	63.7	57.9	86.9
114	31.8	25.7	38.5

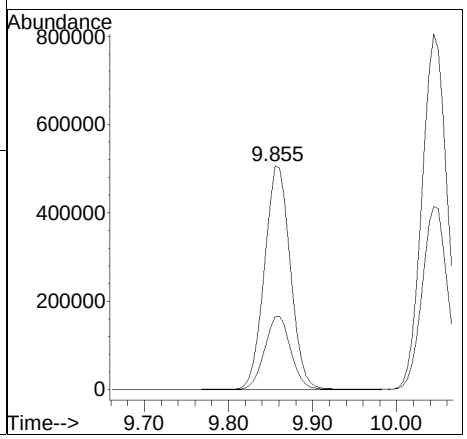


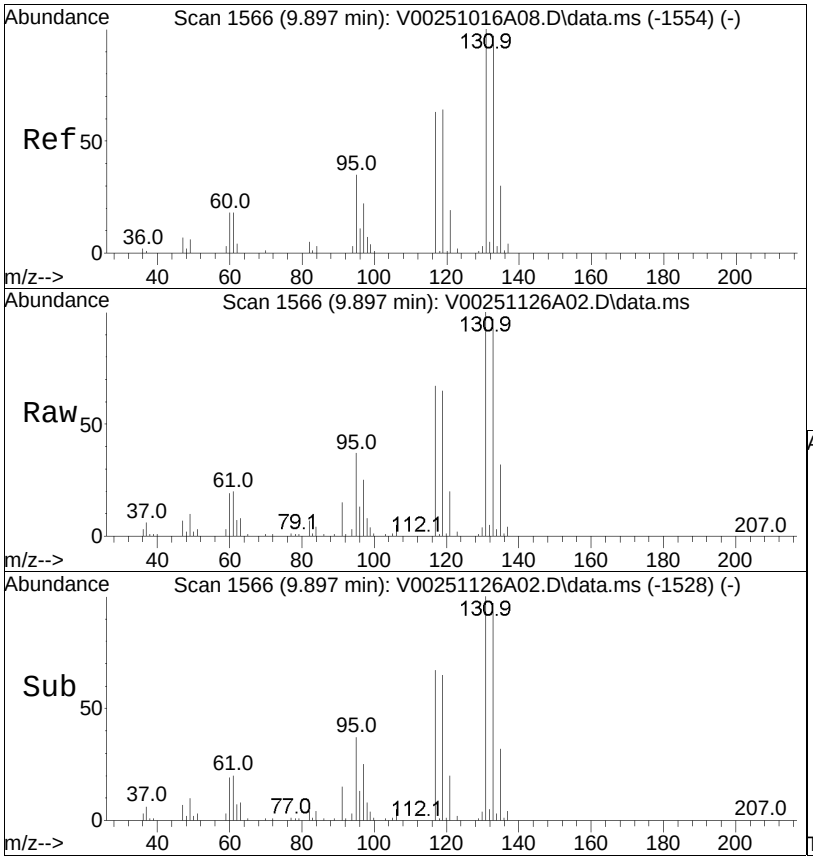


#75
Ethylbenzene
Concen: 43.01 ug/L
RT: 9.855 min Scan# 1558
Delta R.T. -0.001 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 91 Resp: 1083175

Ion	Ratio	Lower	Upper
91	100		
106	32.8	25.1	37.7

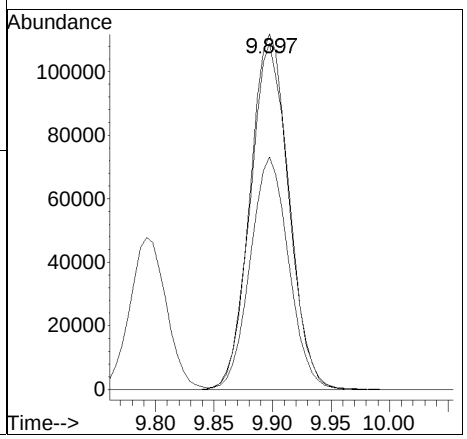


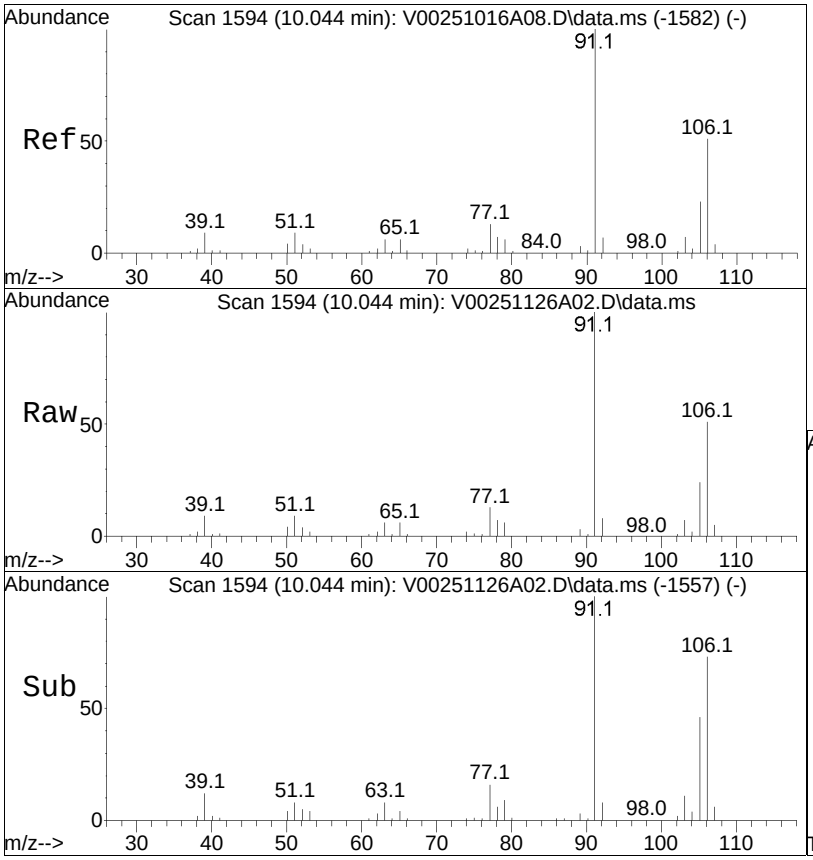


#76
1,1,1,2-Tetrachloroethane
Concen: 47.40 ug/L
RT: 9.897 min Scan# 1566
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:131 Resp: 259098

Ion	Ratio	Lower	Upper
131	100		
133	96.1	76.2	116.2
119	64.5	44.6	84.6

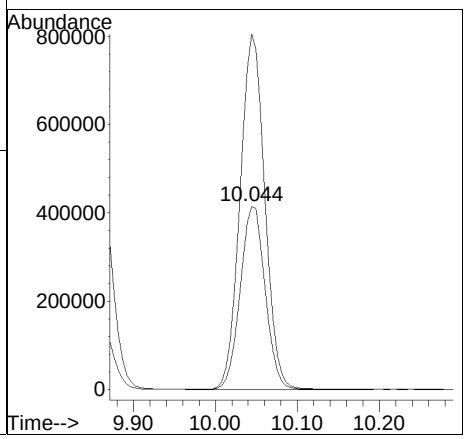


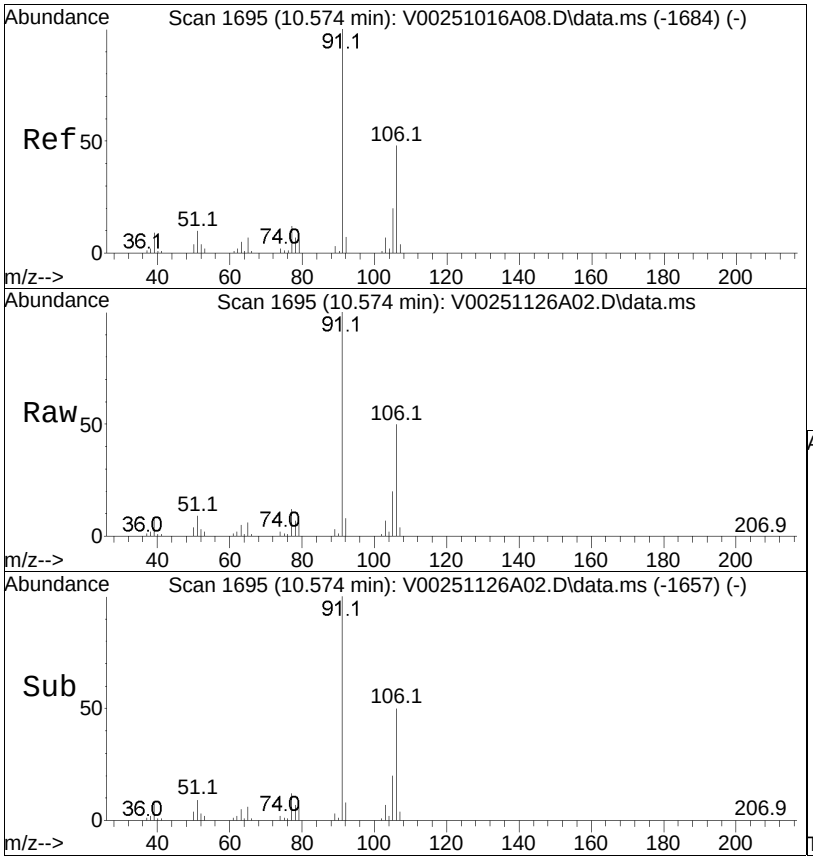


#77
p/m Xylene
Concen: 86.63 ug/L
RT: 10.044 min Scan# 1594
Delta R.T. -0.006 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:106 Resp: 875024

Ion	Ratio	Lower	Upper
106	100		
91	192.2	159.5	239.3

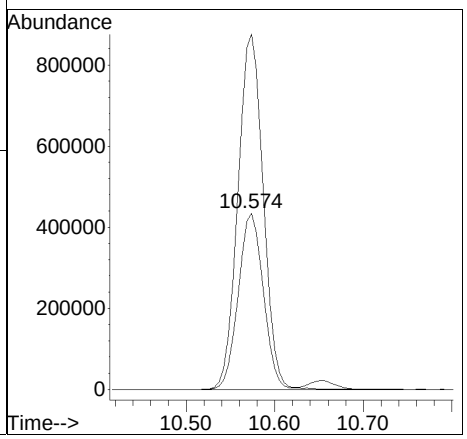


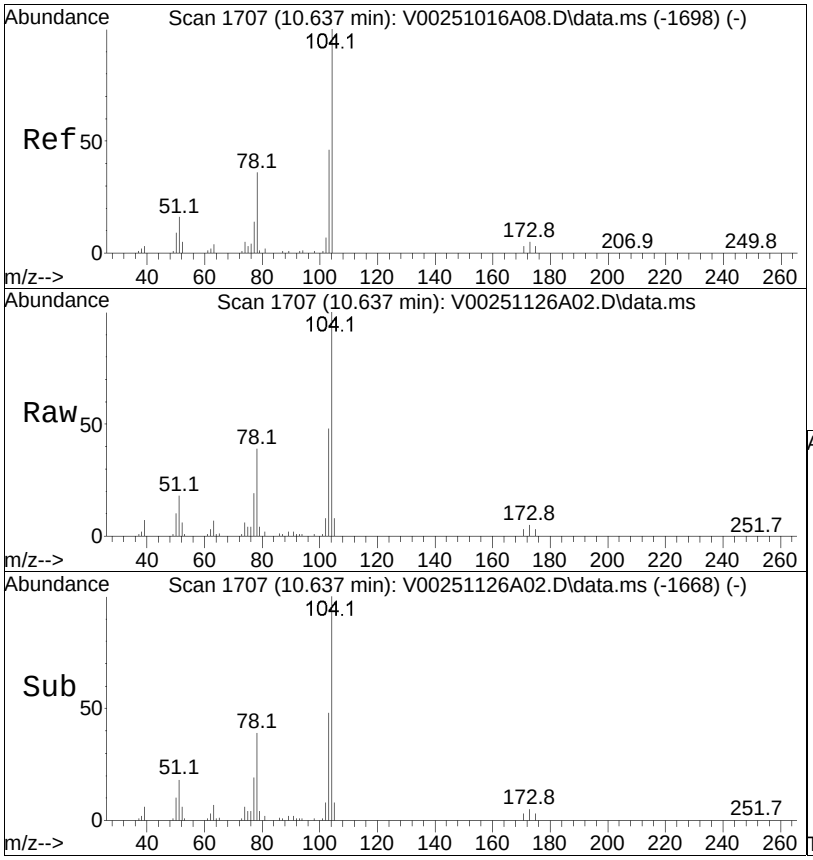


#78
o Xylene
Concen: 85.57 ug/L
RT: 10.574 min Scan# 1695
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:106 Resp: 857848

Ion	Ratio	Lower	Upper
106	100		
91	202.1	168.6	252.8

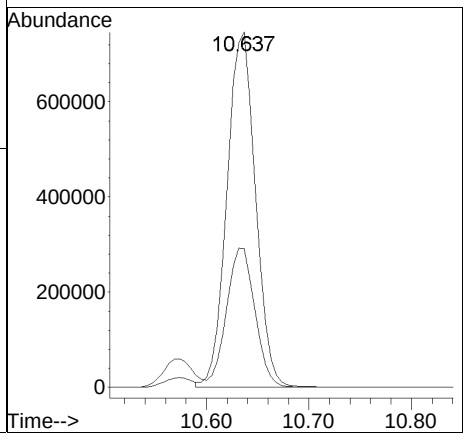


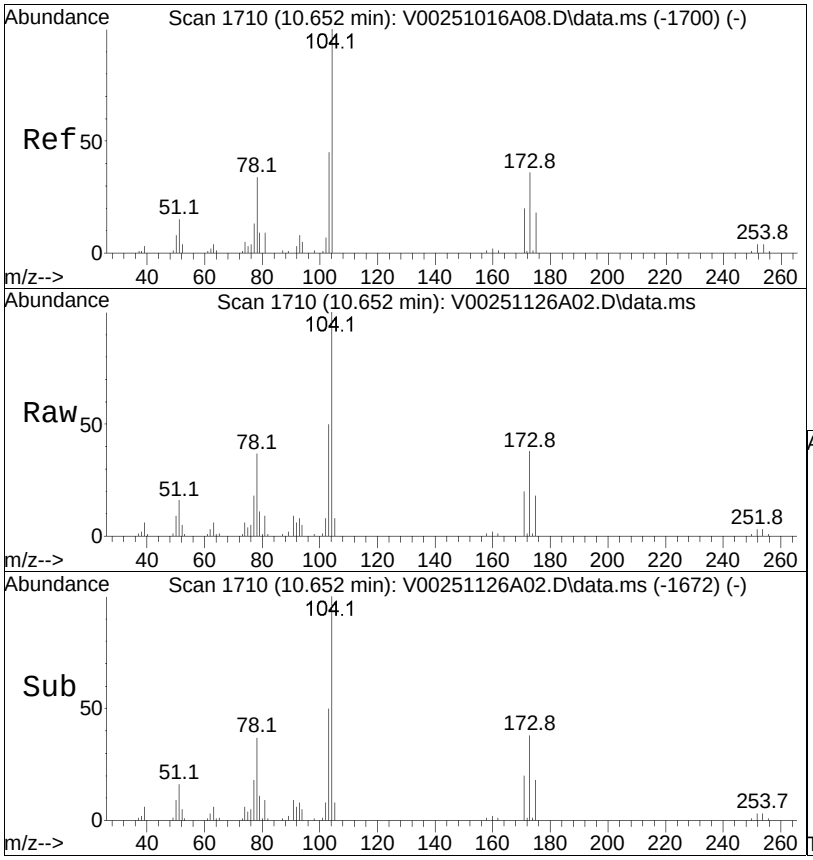


#79
Styrene
Concen: 83.93 ug/L
RT: 10.637 min Scan# 1707
Delta R.T. 0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:104 Resp: 1446187

Ion	Ratio	Lower	Upper
104	100		
78	39.1	33.8	50.6

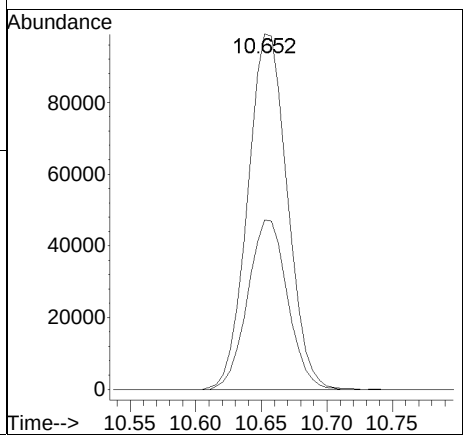


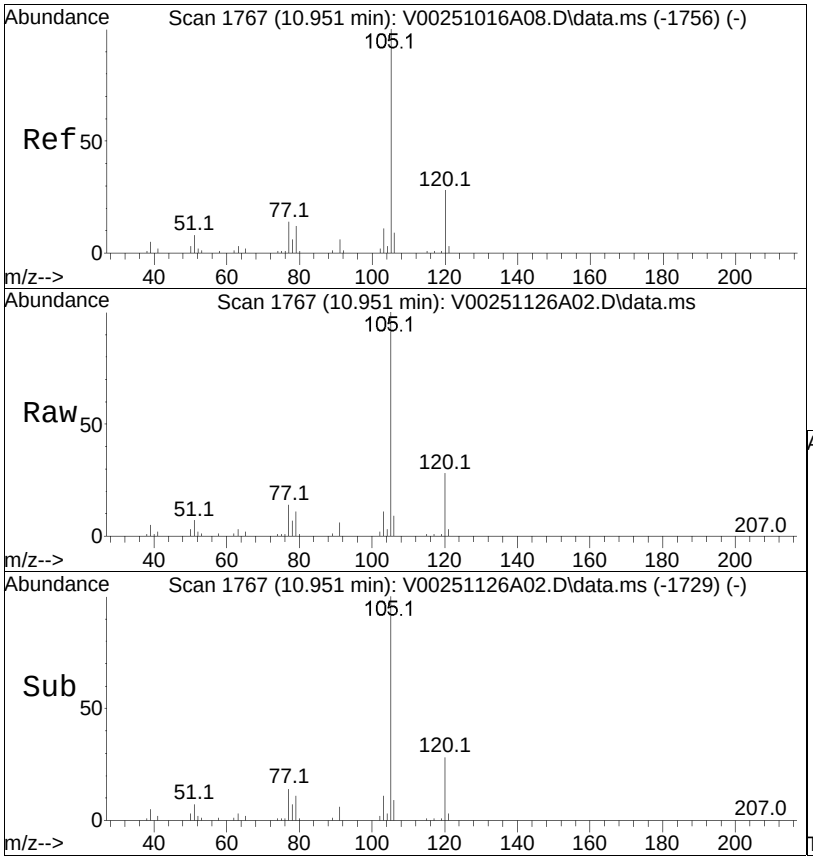


#81
Bromoform
Concen: 44.60 ug/L
RT: 10.652 min Scan# 1710
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:173 Resp: 207918

Ion	Ratio	Lower	Upper
173	100		
175	47.9	27.8	67.8

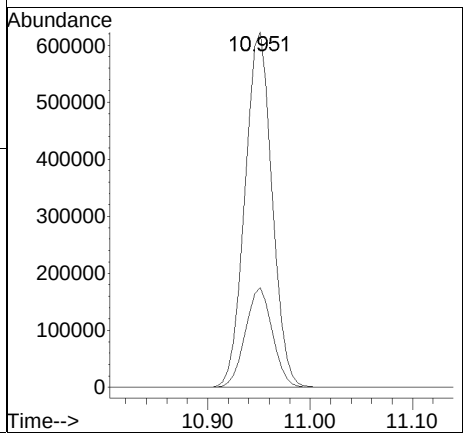


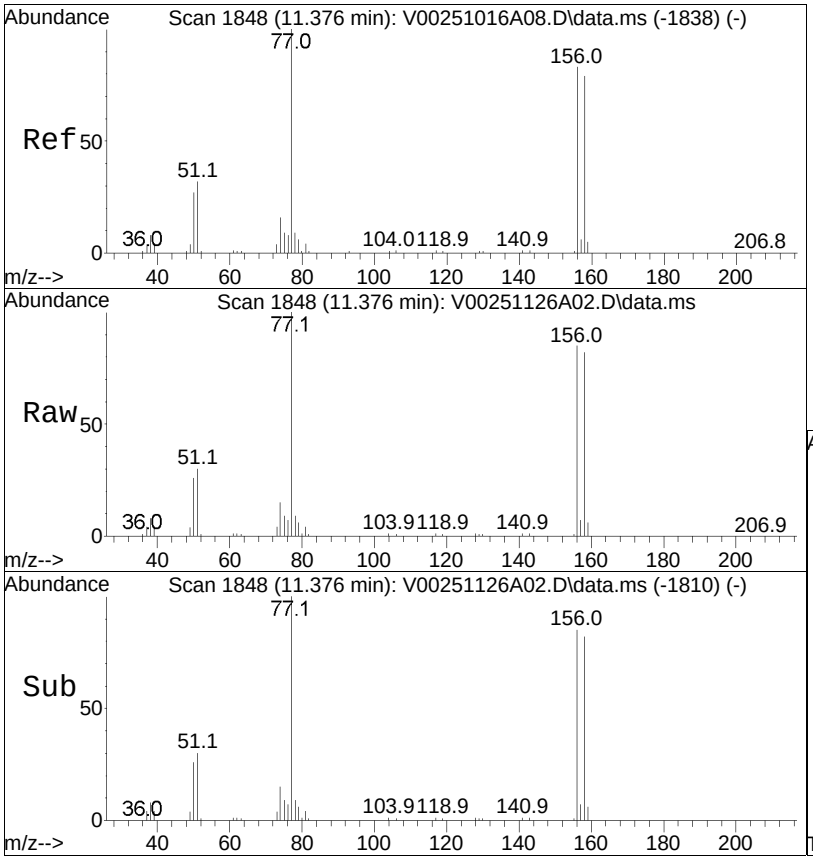


#83
Isopropylbenzene
Concen: 41.93 ug/L
RT: 10.951 min Scan# 1767
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:105 Resp: 1148375

Ion	Ratio	Lower	Upper
105	100		
120	28.0	6.4	46.4

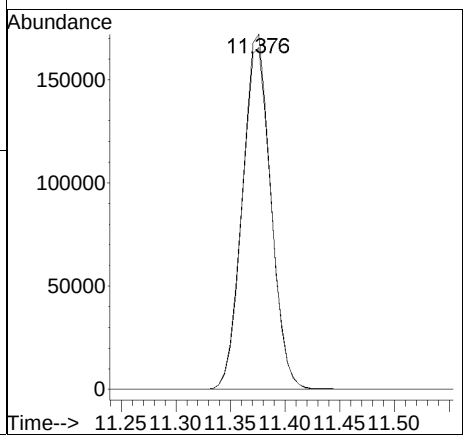


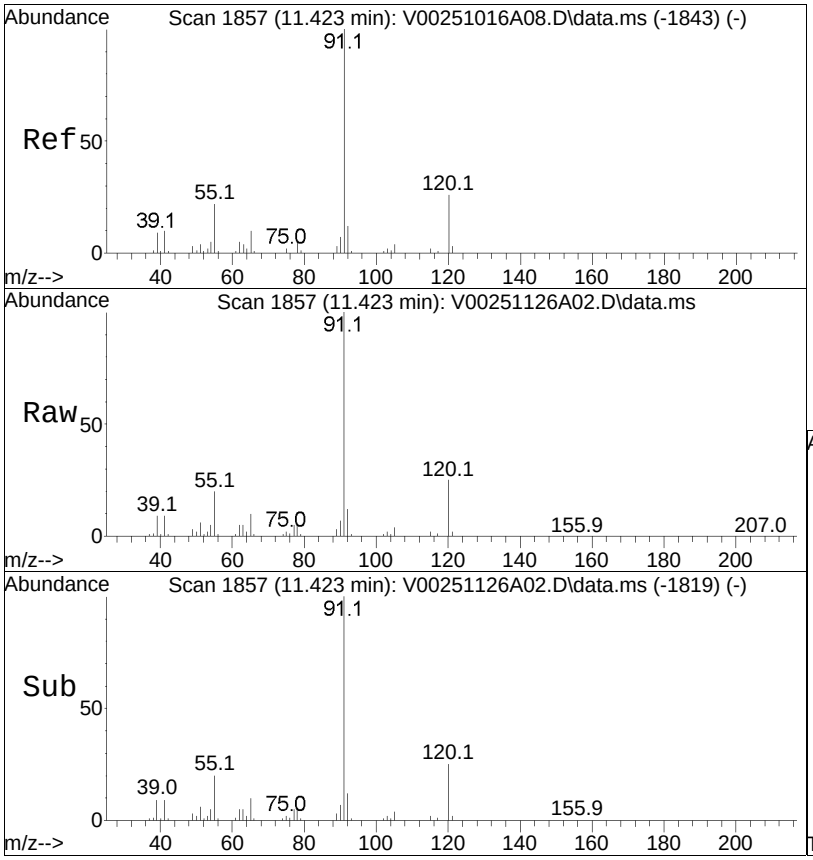


#85
Bromobenzene
Concen: 44.44 ug/L
RT: 11.376 min Scan# 1848
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:156 Resp: 312567

Ion	Ratio	Lower	Upper
156	100		
158	97.2	76.9	115.3

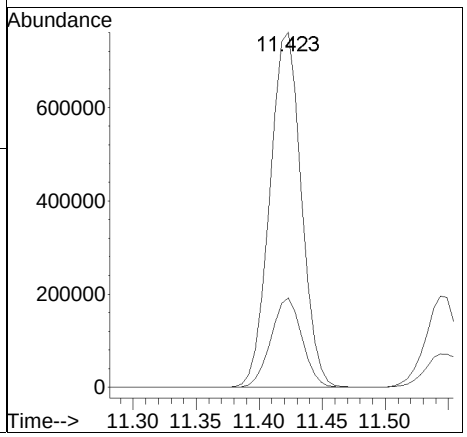


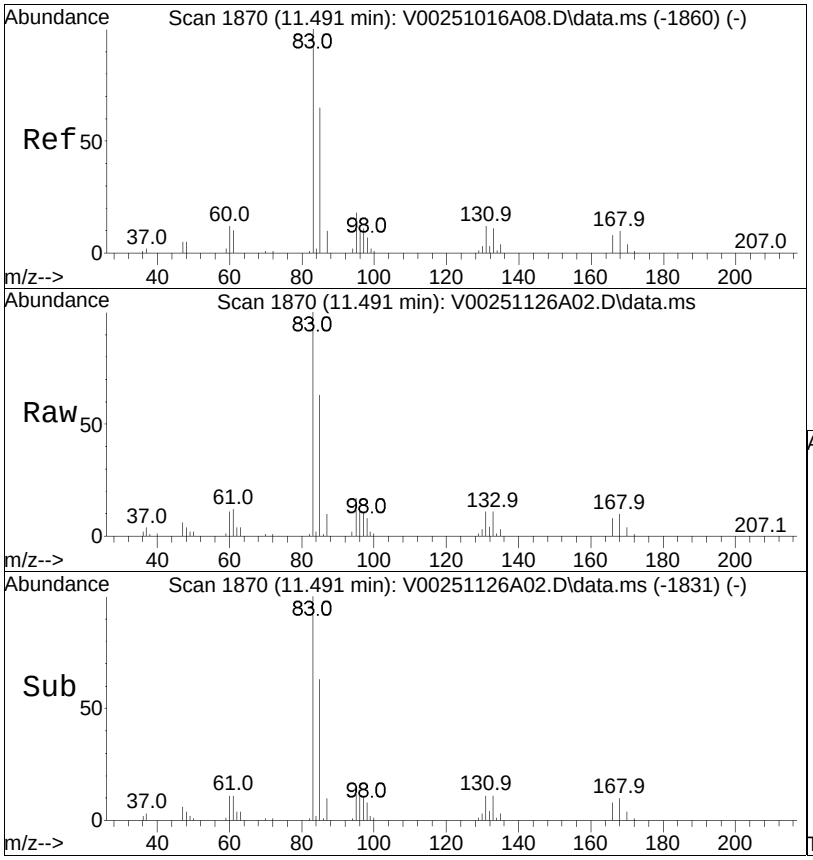


#86
n-Propylbenzene
Concen: 40.02 ug/L
RT: 11.423 min Scan# 1857
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 91 Resp: 1322413

Ion	Ratio	Lower	Upper
91	100		
120	24.8	18.2	27.2

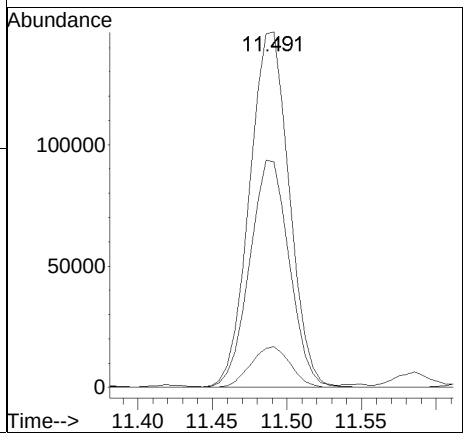


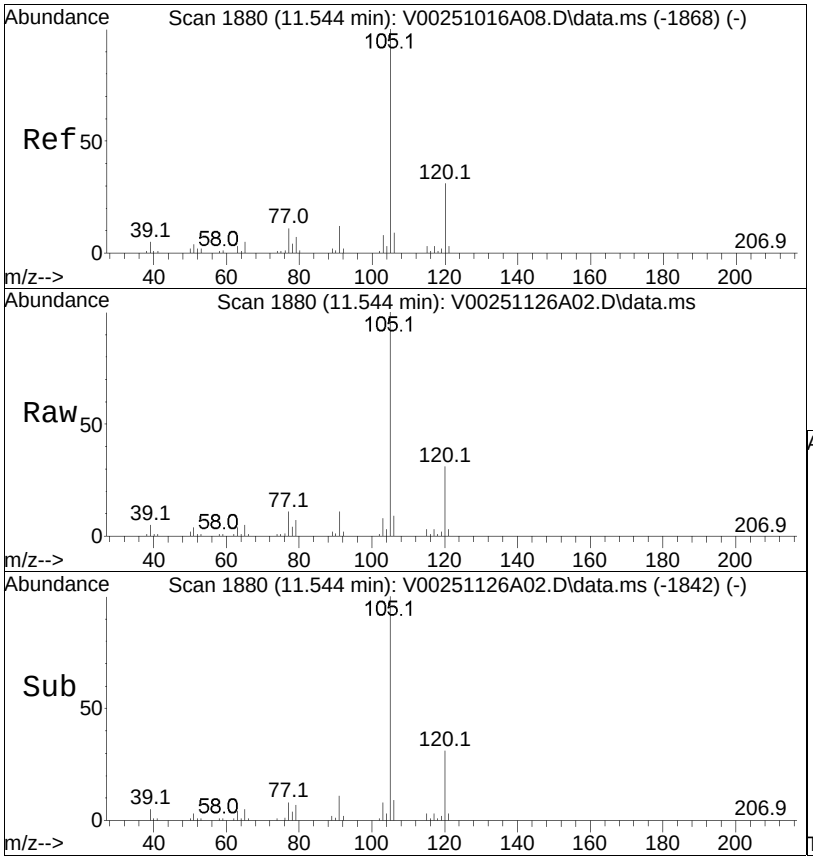


#88
1,1,2,2-Tetrachloroethane
Concen: 40.22 ug/L
RT: 11.491 min Scan# 1870
Delta R.T. 0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 83 Resp: 271613

Ion	Ratio	Lower	Upper
83	100		
131	11.4	0.0	30.1
85	63.4	45.9	85.9

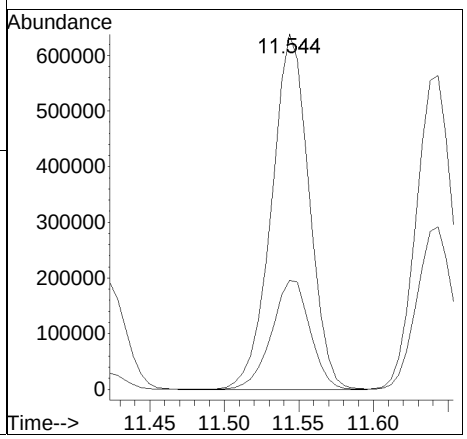


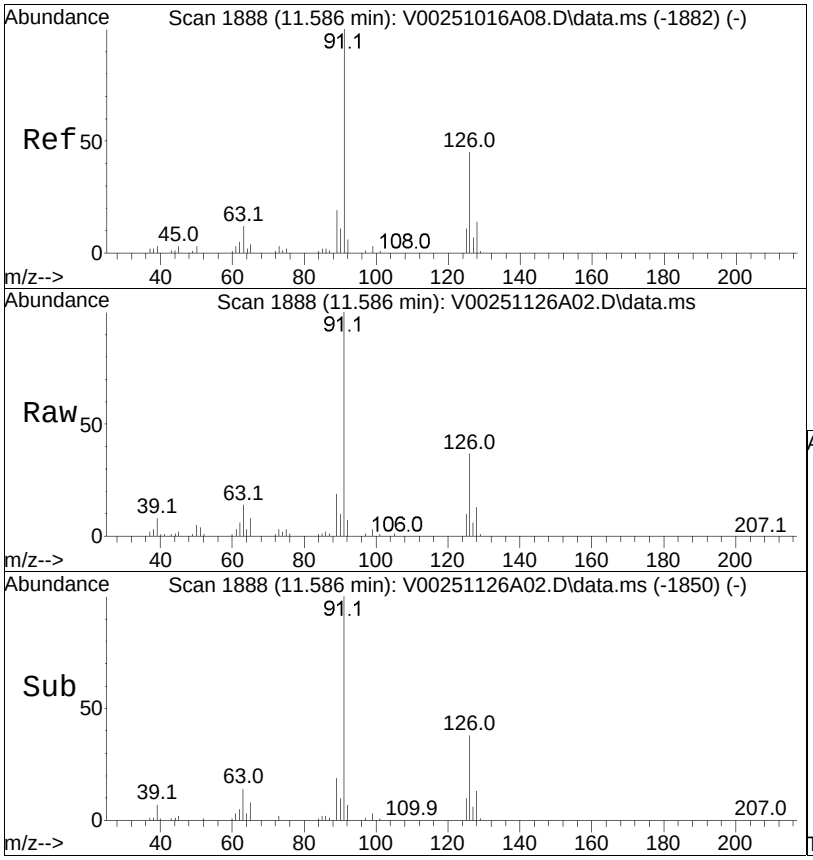


#89
4-Ethyltoluene
Concen: 41.50 ug/L
RT: 11.544 min Scan# 1880
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:105 Resp: 1119072

Ion	Ratio	Lower	Upper
105	100		
120	31.4	19.3	40.1

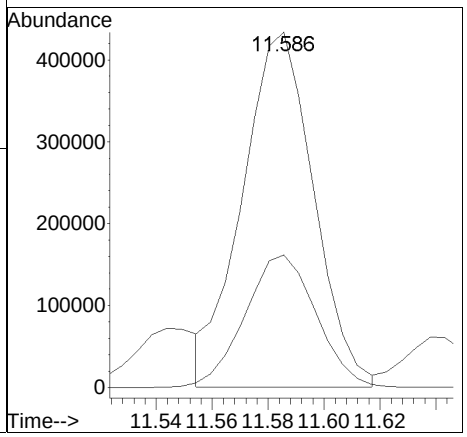


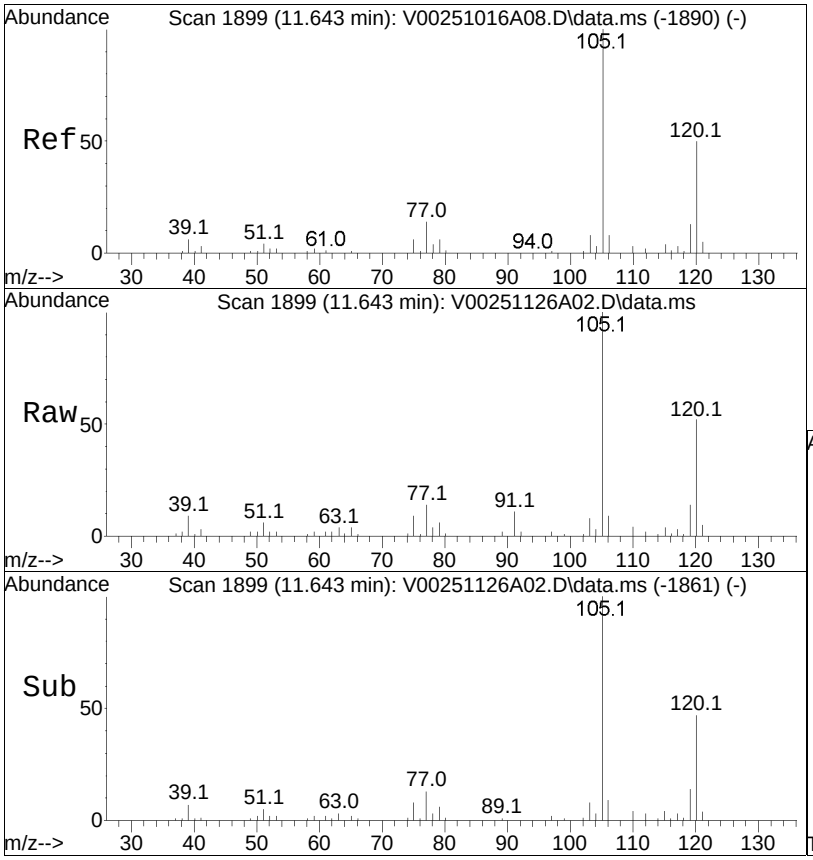


#90
2-Chlorotoluene
Concen: 40.88 ug/L M6
RT: 11.586 min Scan# 1888
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 91 Resp: 767678

Ion	Ratio	Lower	Upper
91	100		
126	37.3	27.1	40.7

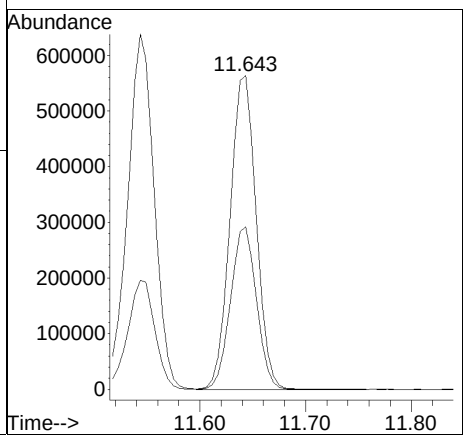


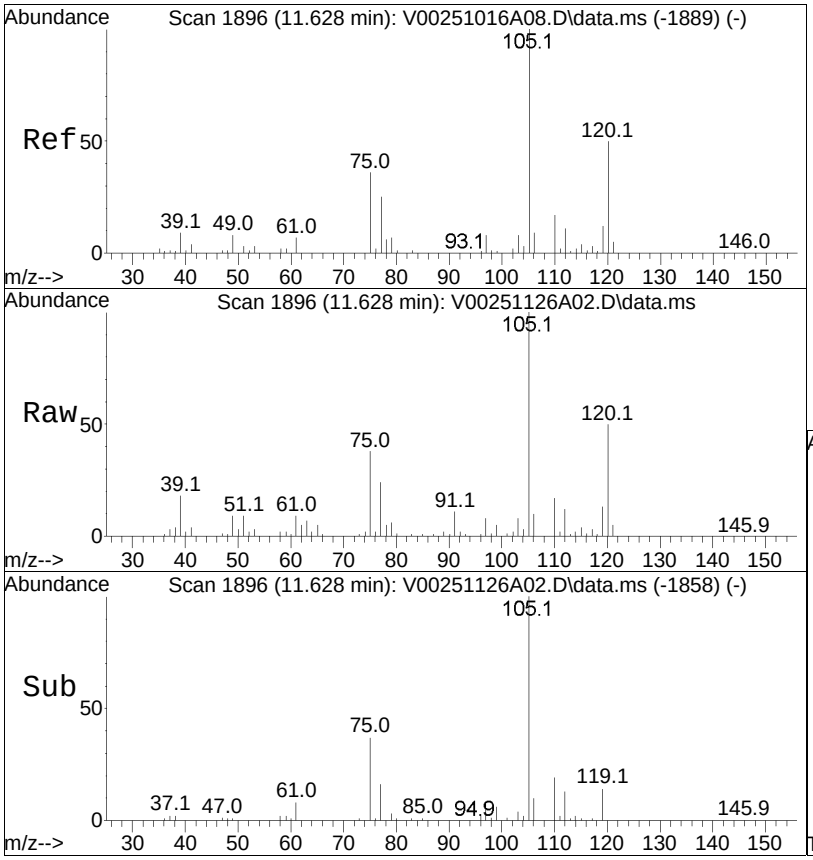


#91
1,3,5-Trimethylbenzene
Concen: 41.60 ug/L
RT: 11.643 min Scan# 1899
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:105 Resp: 967216

Ion	Ratio	Lower	Upper
105	100		
120	51.4	39.1	58.7

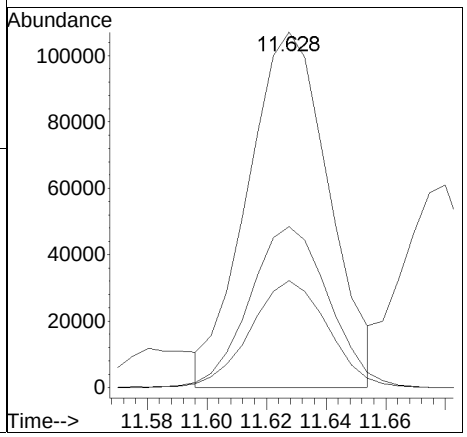


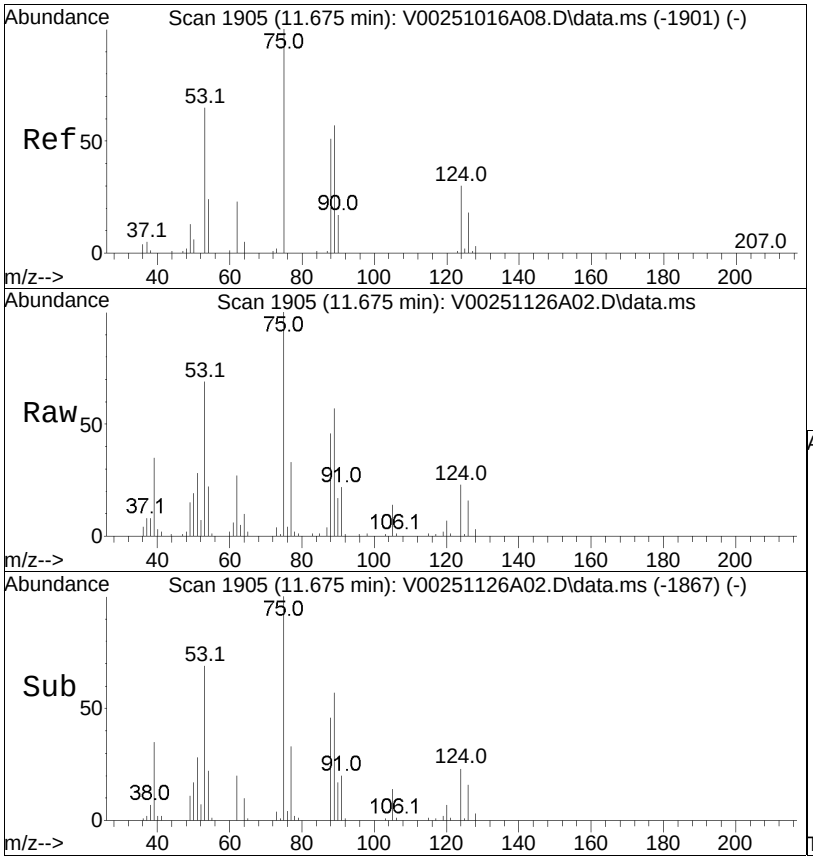


#92
1,2,3-Trichloropropane
Concen: 38.29 ug/L M6
RT: 11.628 min Scan# 1896
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 75 Resp: 203684

Ion	Ratio	Lower	Upper
75	100		
110	43.9	24.5	50.9
112	28.5	15.3	31.9

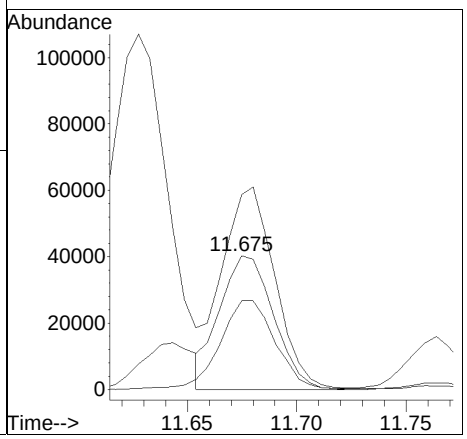


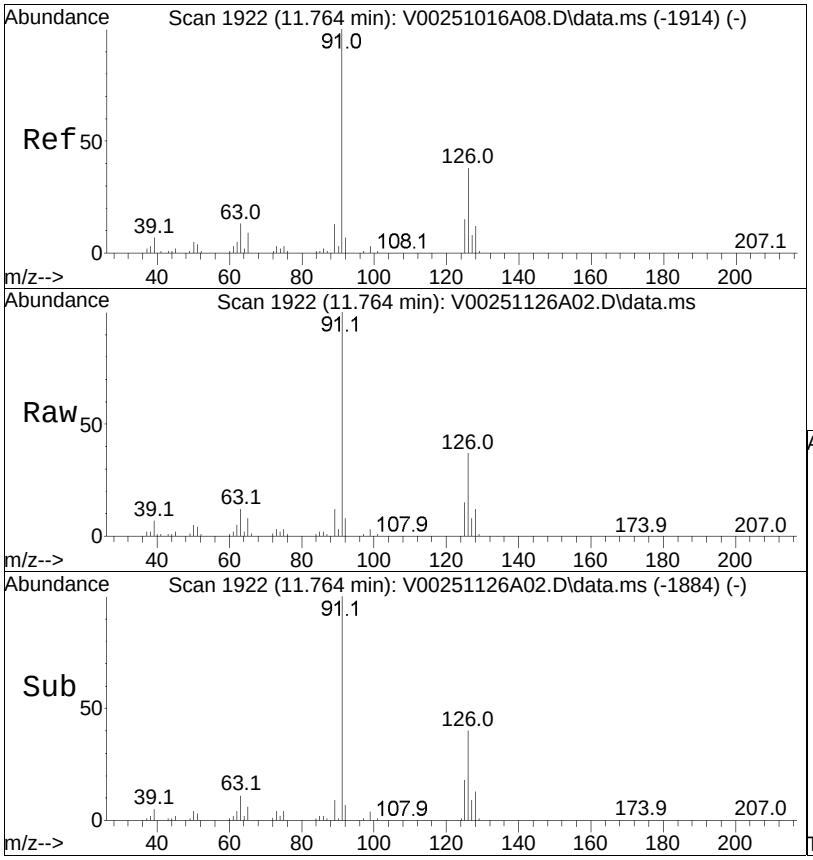


#93
trans-1,4-Dichloro-2-butene
Concen: 39.35 ug/L
RT: 11.675 min Scan# 1905
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 53 Resp: 69455

Ion	Ratio	Lower	Upper
53	100		
88	67.7	44.2	66.4#
75	149.6	100.8	151.2

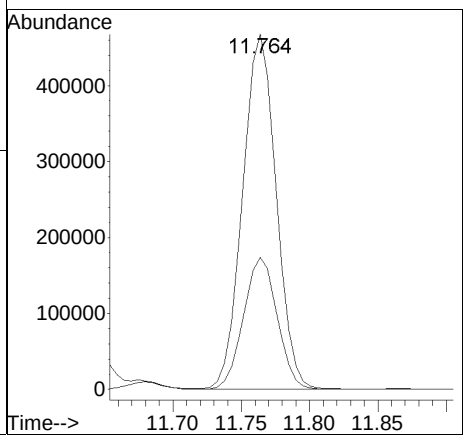


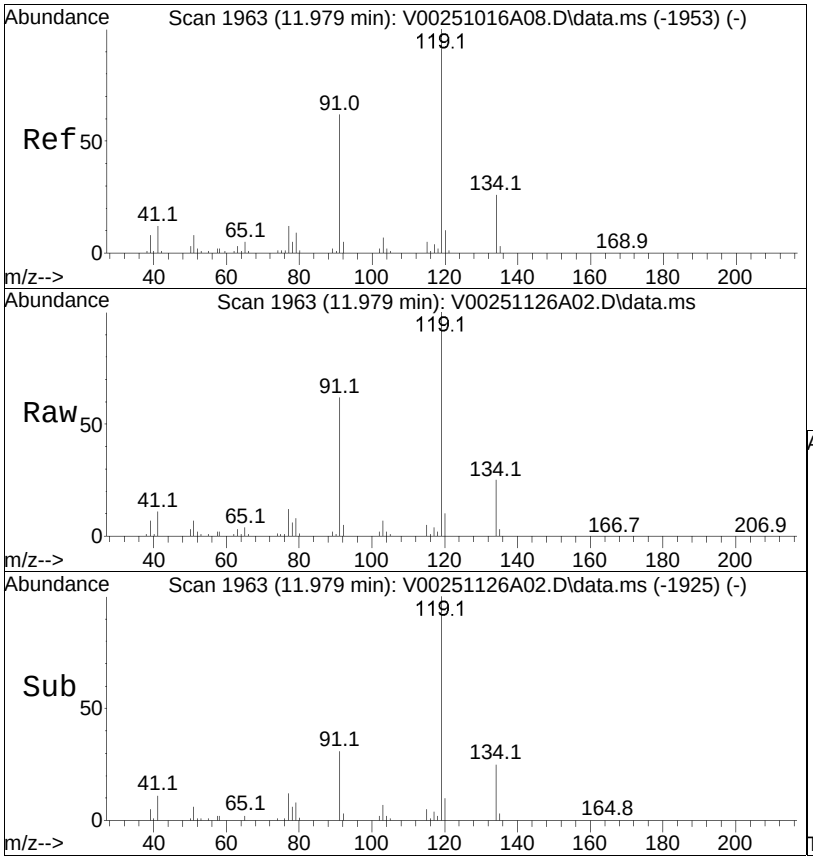


#94
4-Chlorotoluene
Concen: 41.07 ug/L
RT: 11.764 min Scan# 1922
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 91 Resp: 797209

Ion	Ratio	Lower	Upper
91	100		
126	37.3	27.3	40.9

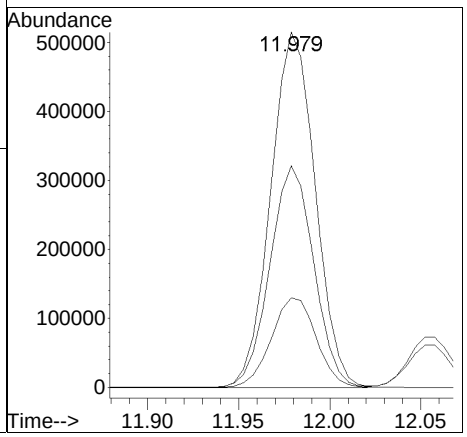


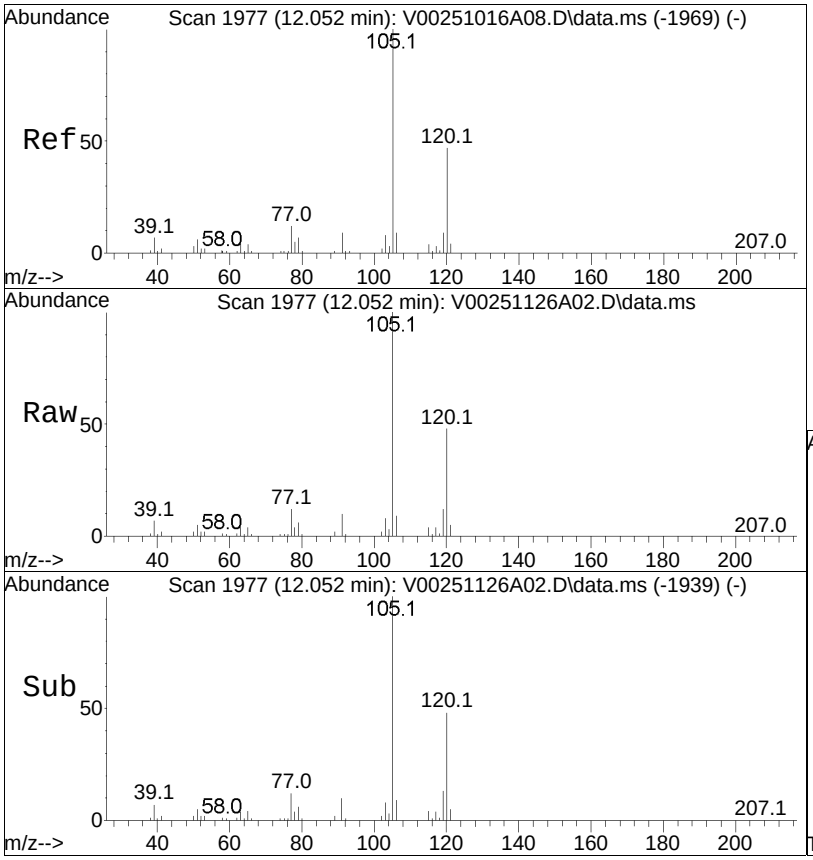


#95
tert-Butylbenzene
Concen: 42.57 ug/L
RT: 11.979 min Scan# 1963
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:119 Resp: 875126

Ion	Ratio	Lower	Upper
119	100		
91	61.5	54.8	82.2
134	25.5	20.6	30.8

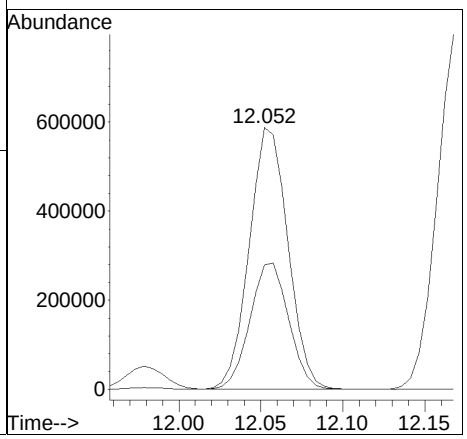


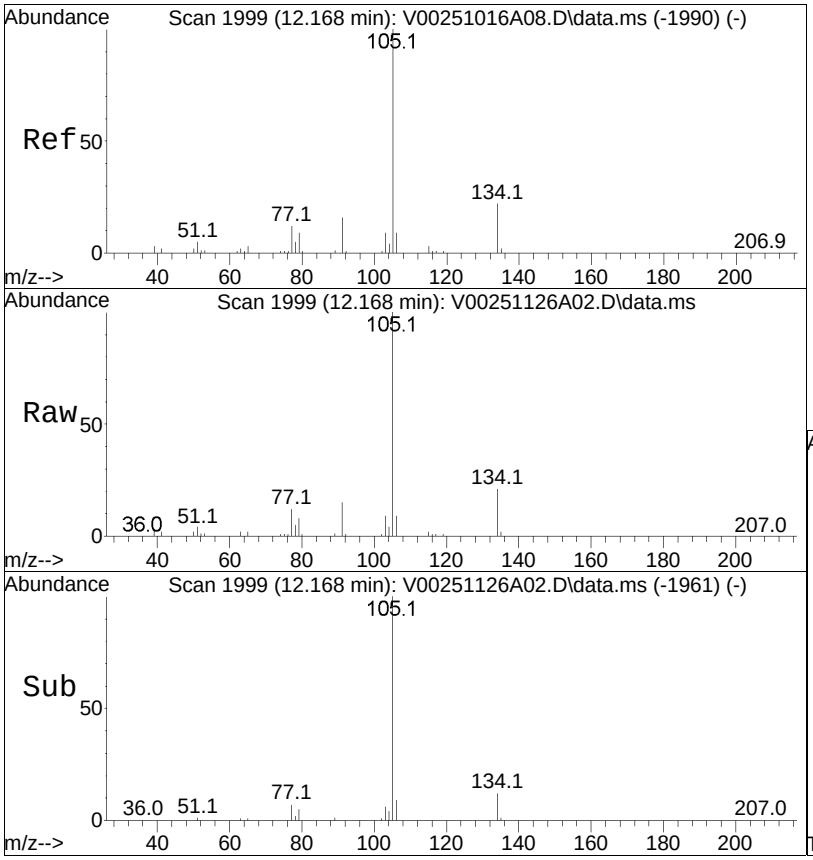


#98
1,2,4-Trimethylbenzene
Concen: 42.21 ug/L
RT: 12.052 min Scan# 1977
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:105 Resp: 965340

Ion	Ratio	Lower	Upper
105	100		
120	48.4	37.1	55.7

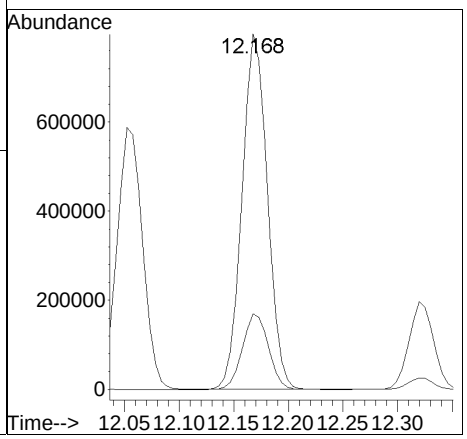


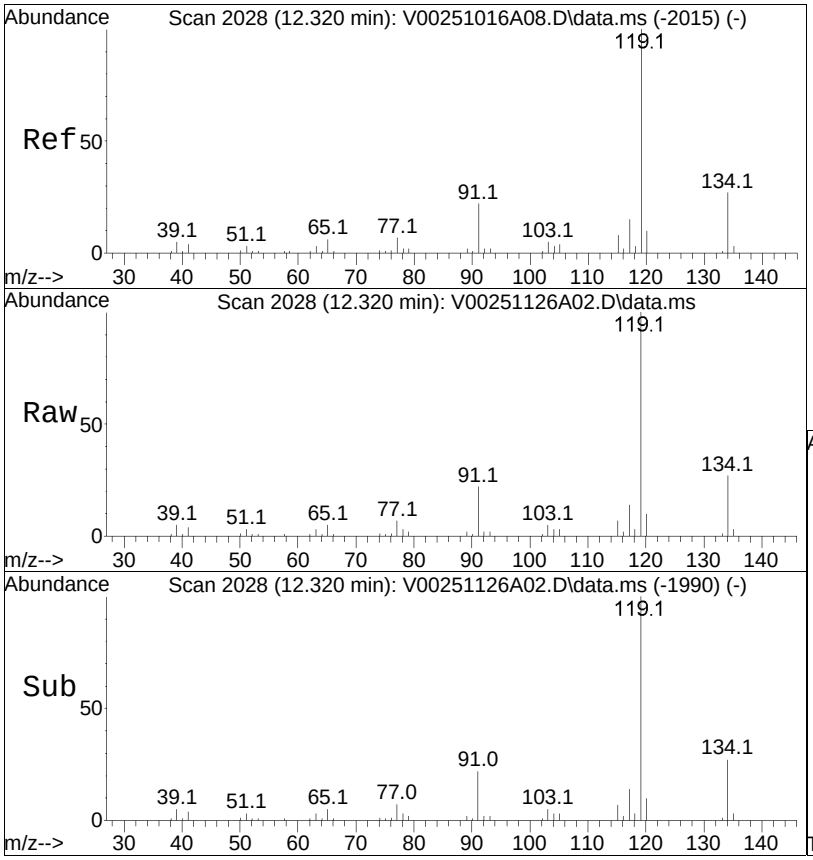


#99
sec-Butylbenzene
Concen: 42.53 ug/L
RT: 12.168 min Scan# 1999
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:105 Resp: 1287547

Ion	Ratio	Lower	Upper
105	100		
134	21.7	13.5	27.9

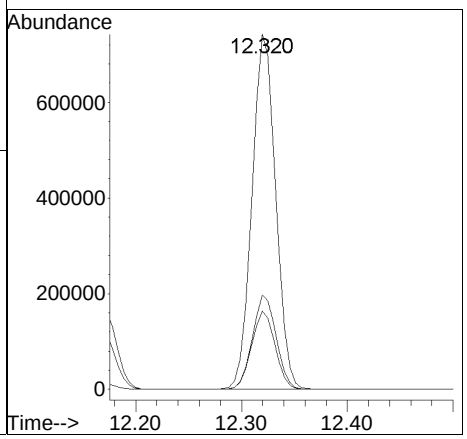


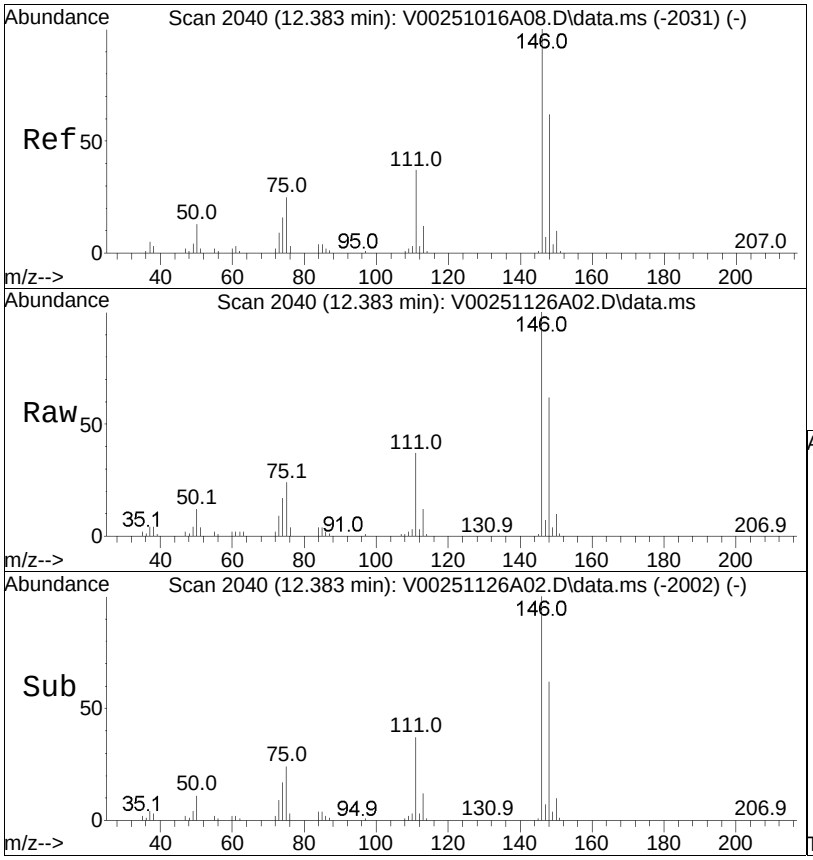


#100
p-Isopropyltoluene
Concen: 43.14 ug/L
RT: 12.320 min Scan# 2028
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:119 Resp: 1154666

Ion	Ratio	Lower	Upper
119	100		
134	26.7	17.4	36.0
91	22.0	15.8	32.8

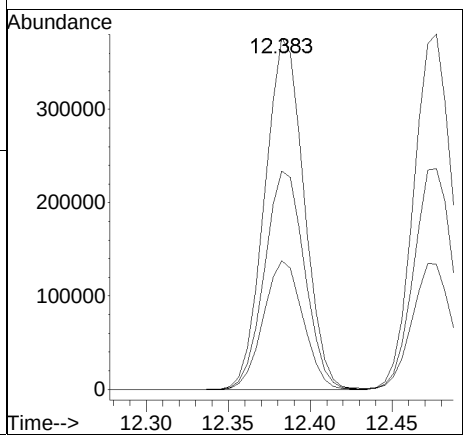


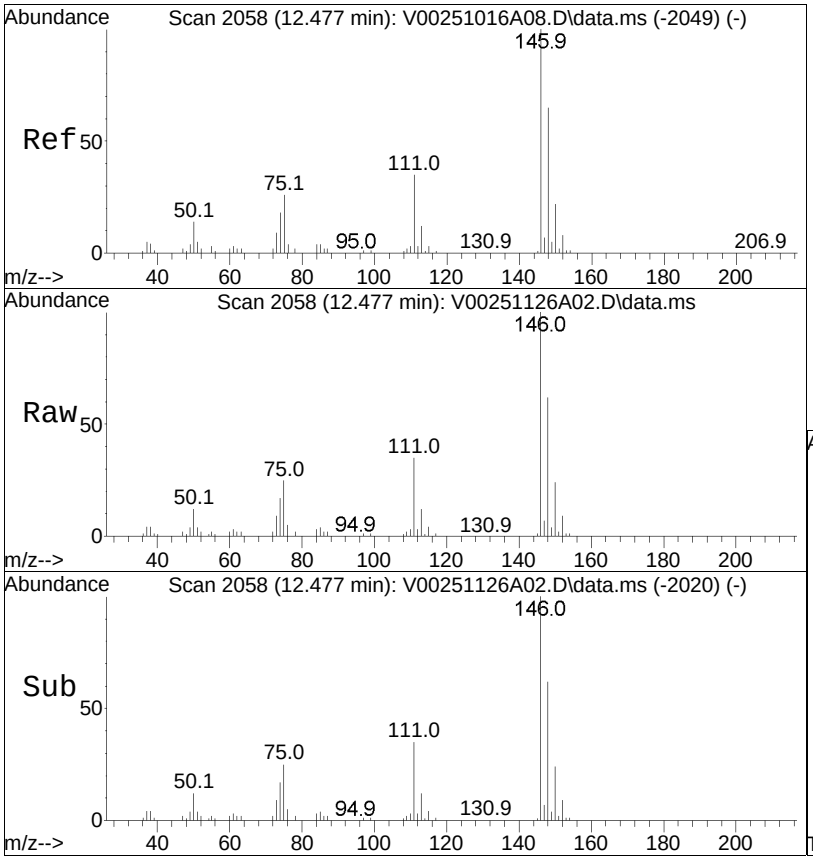


#101
1,3-Dichlorobenzene
Concen: 44.86 ug/L
RT: 12.383 min Scan# 2040
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:146 Resp: 627746

Ion	Ratio	Lower	Upper
146	100		
111	36.9	26.1	54.1
148	63.2	40.8	84.8

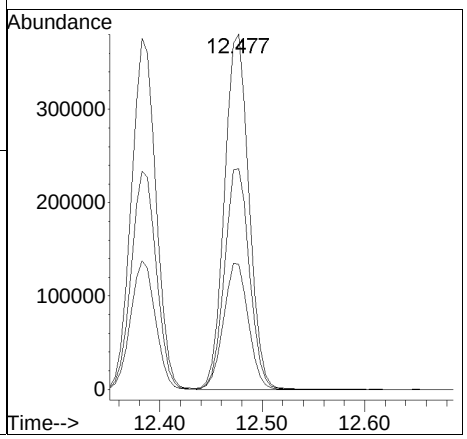


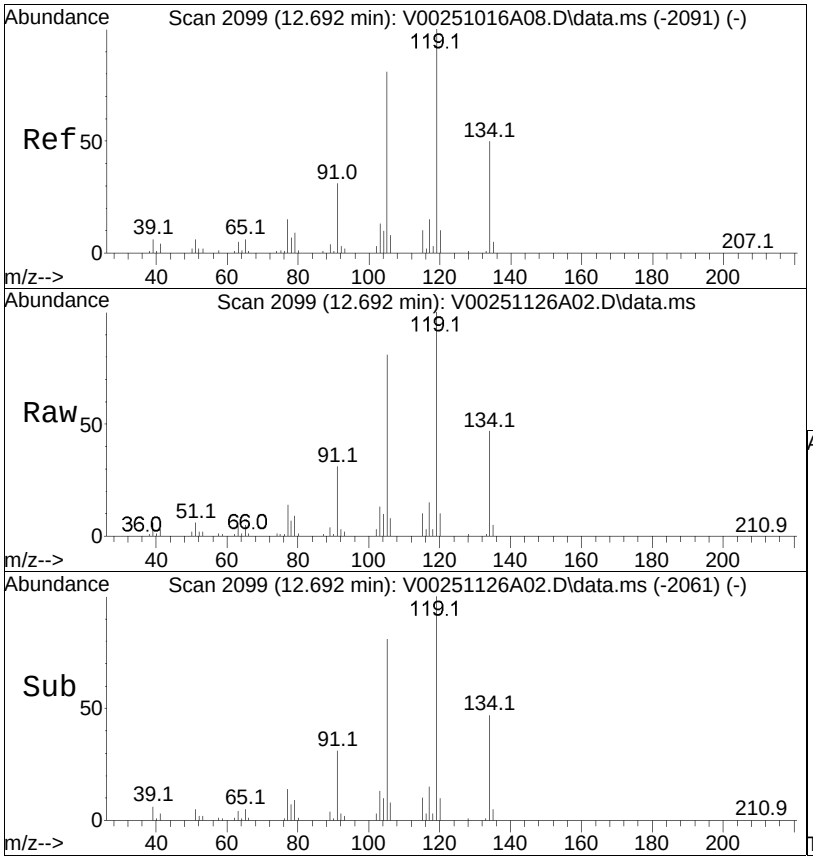


#102
1,4-Dichlorobenzene
Concen: 44.63 ug/L
RT: 12.477 min Scan# 2058
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:146 Resp: 631454

Ion	Ratio	Lower	Upper
146	100		
111	36.1	32.1	48.1
148	63.4	50.6	75.8

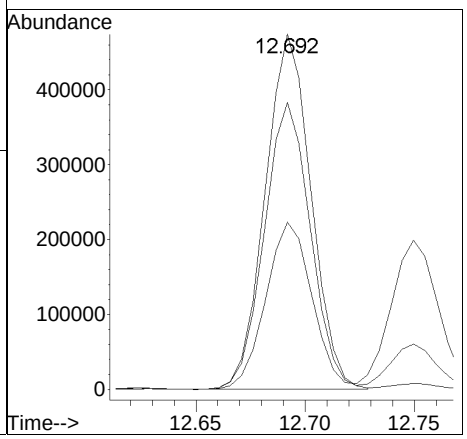


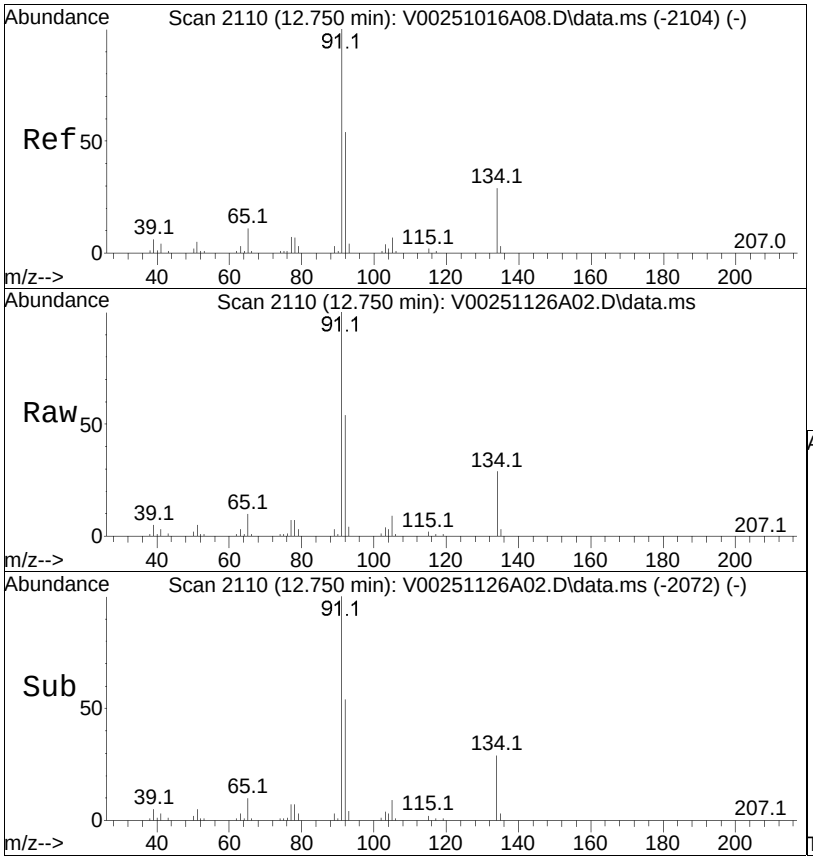


#103
p-Diethylbenzene
Concen: 43.03 ug/L
RT: 12.692 min Scan# 2099
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:119 Resp: 691340

Ion	Ratio	Lower	Upper
119	100		
105	81.2	56.4	117.0
134	47.7	30.4	63.0

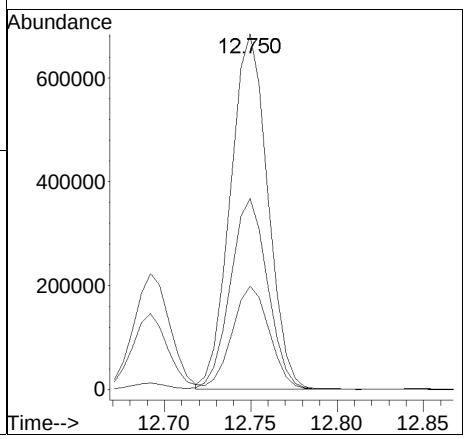


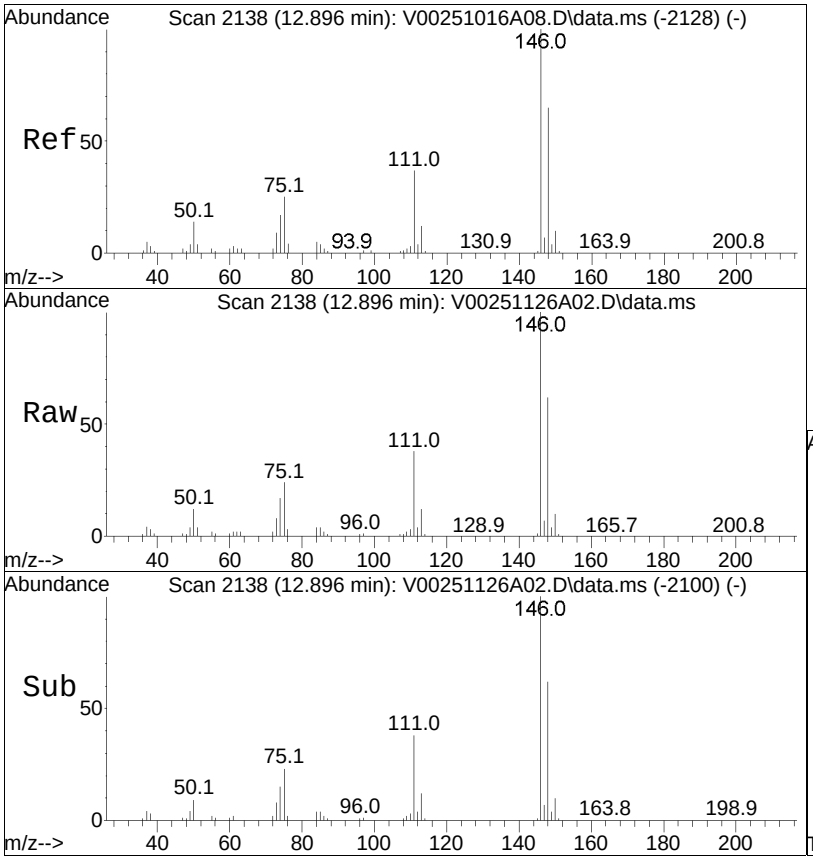


#104
n-Butylbenzene
Concen: 43.94 ug/L
RT: 12.750 min Scan# 2110
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion: 91 Resp: 1030453

Ion	Ratio	Lower	Upper
91	100		
92	53.7	43.7	65.5
134	28.9	21.5	32.3

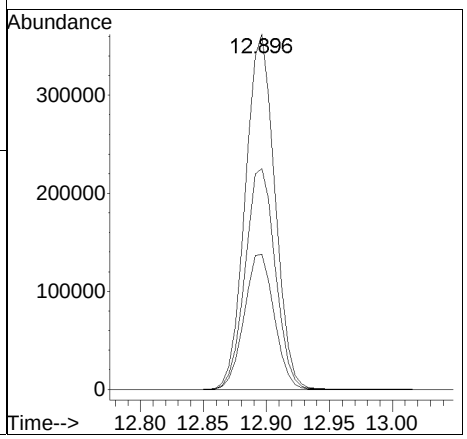


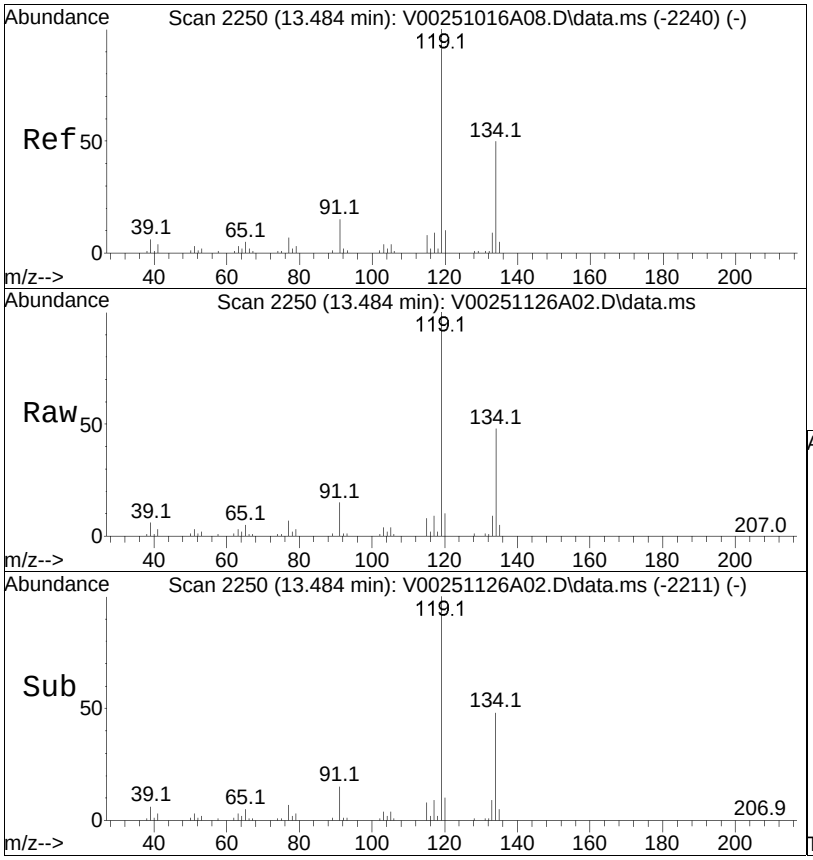


#105
1,2-Dichlorobenzene
Concen: 45.33 ug/L
RT: 12.896 min Scan# 2138
Delta R.T. -0.001 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:146 Resp: 590978

Ion	Ratio	Lower	Upper
146	100		
111	38.7	26.9	55.9
148	63.3	40.3	83.7

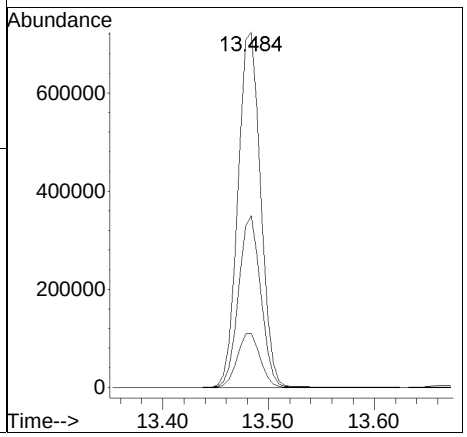


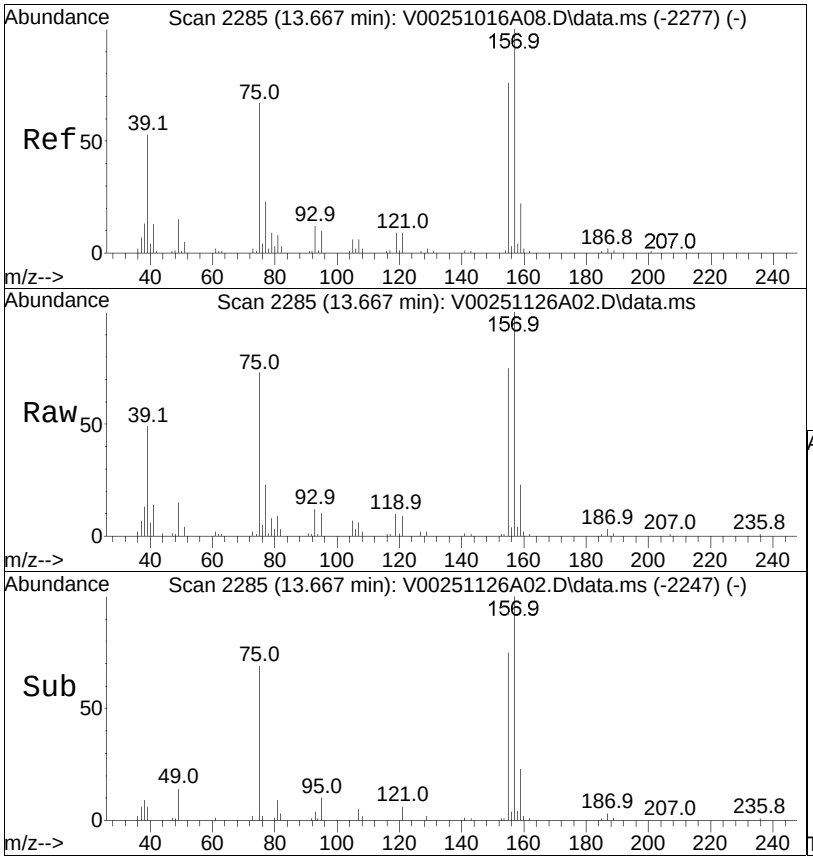


#106
1,2,4,5-Tetramethylbenzene
Concen: 44.72 ug/L
RT: 13.484 min Scan# 2250
Delta R.T. 0.006 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:119 Resp: 1079427

Ion	Ratio	Lower	Upper
119	100		
134	47.4	31.0	64.4
91	15.3	10.7	22.1

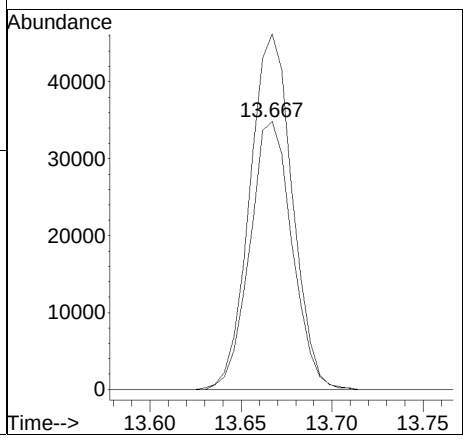


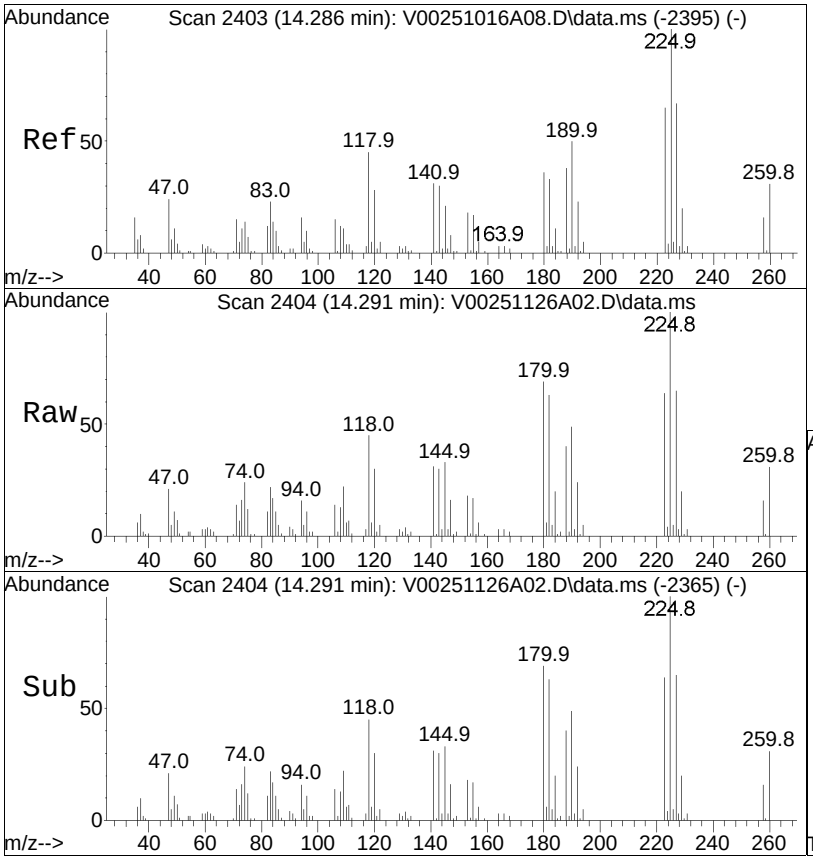


#107
1,2-Dibromo-3-chloropropane
Concen: 46.42 ug/L
RT: 13.667 min Scan# 2285
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:155 Resp: 56233

Ion	Ratio	Lower	Upper
155	100		
157	133.4	97.0	145.4

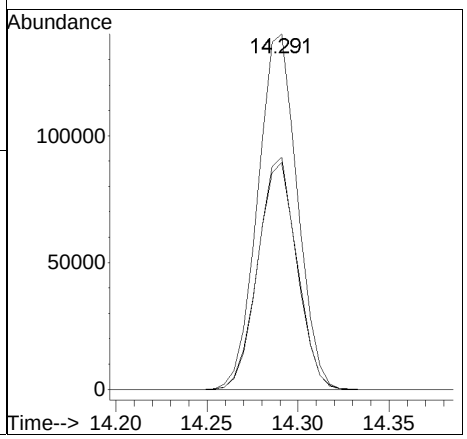


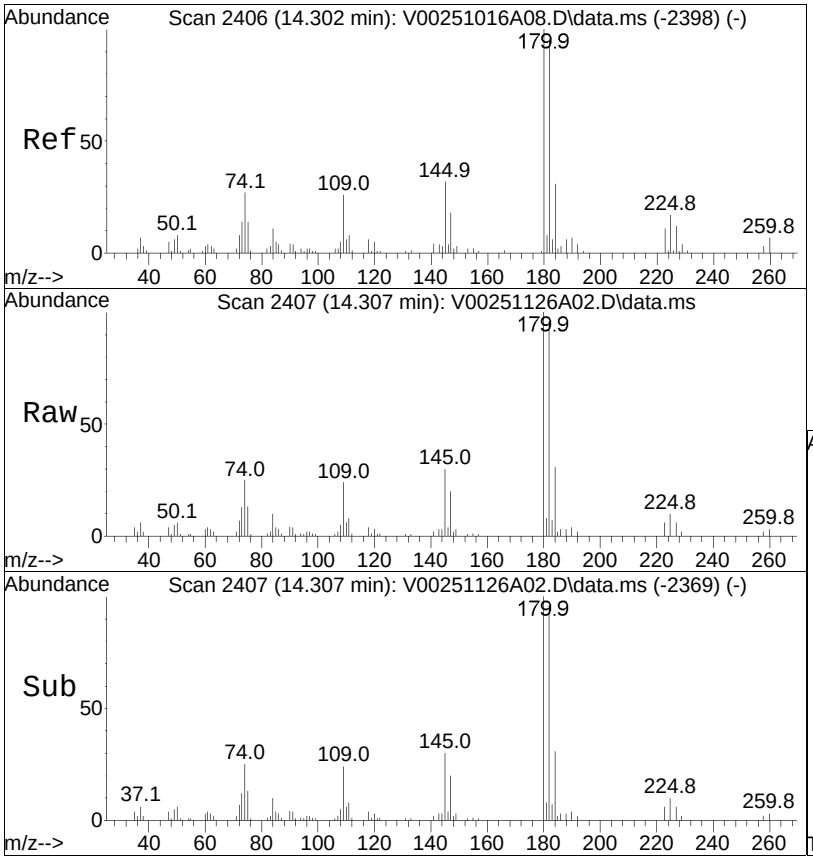


#109
Hexachlorobutadiene
Concen: 50.09 ug/L
RT: 14.291 min Scan# 2404
Delta R.T. 0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:225 Resp: 211822

Ion	Ratio	Lower	Upper
225	100		
223	63.4	52.3	78.5
227	64.1	51.9	77.9

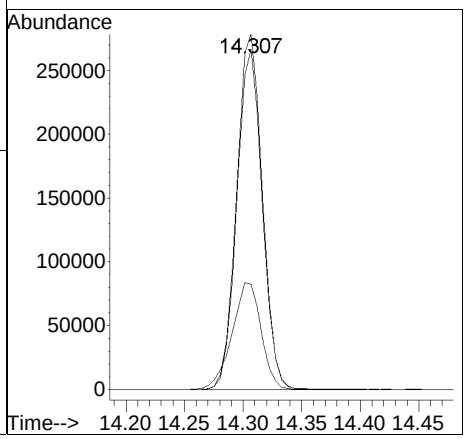


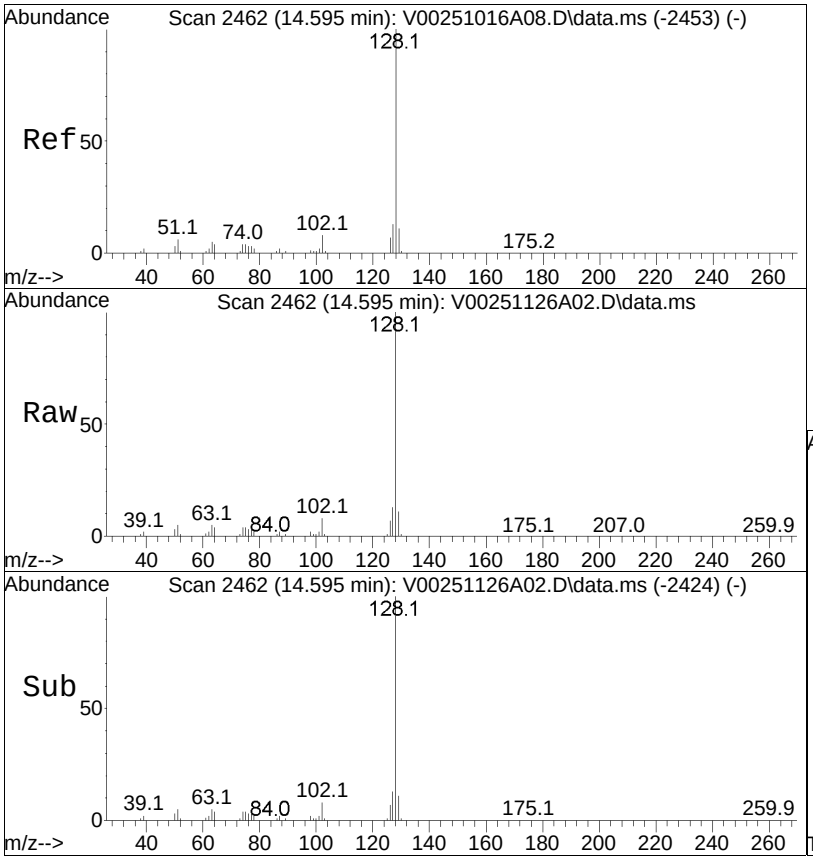


#110
1,2,4-Trichlorobenzene
Concen: 48.54 ug/L
RT: 14.307 min Scan# 2407
Delta R.T. -0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:180 Resp: 425022

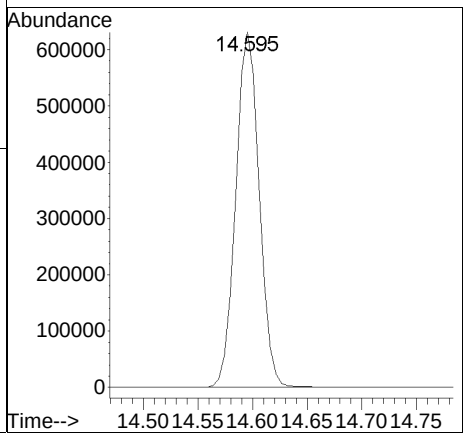
Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.8	113.6
145	33.9	29.2	43.8

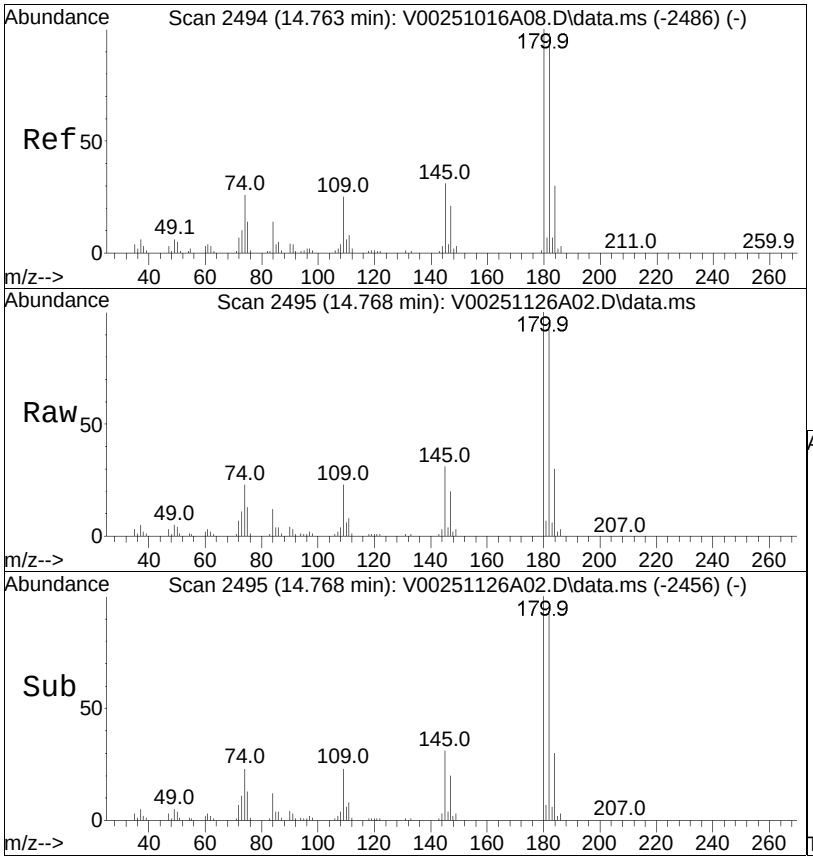




#111
Naphthalene
Concen: 45.78 ug/L
RT: 14.595 min Scan# 2462
Delta R.T. 0.000 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:128 Resp: 941160

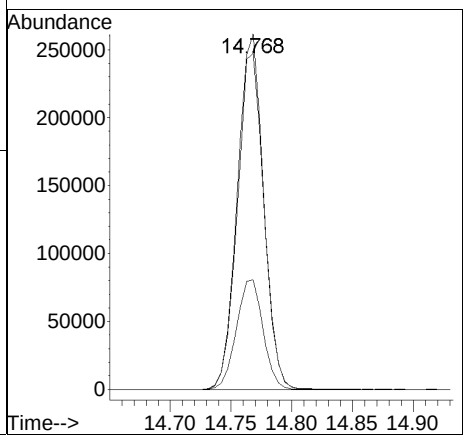




#112
1,2,3-Trichlorobenzene
Concen: 49.75 ug/L
RT: 14.768 min Scan# 2495
Delta R.T. 0.005 min
Lab File: V00251126A02.D
Acq: 26 Nov 2025 07:00 am

Tgt Ion:180 Resp: 392533

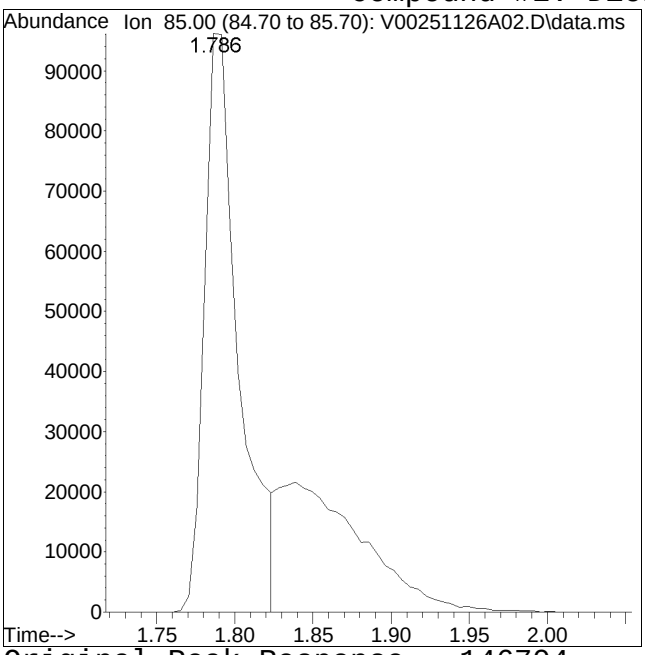
Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.4	113.2
145	31.3	24.0	36.0



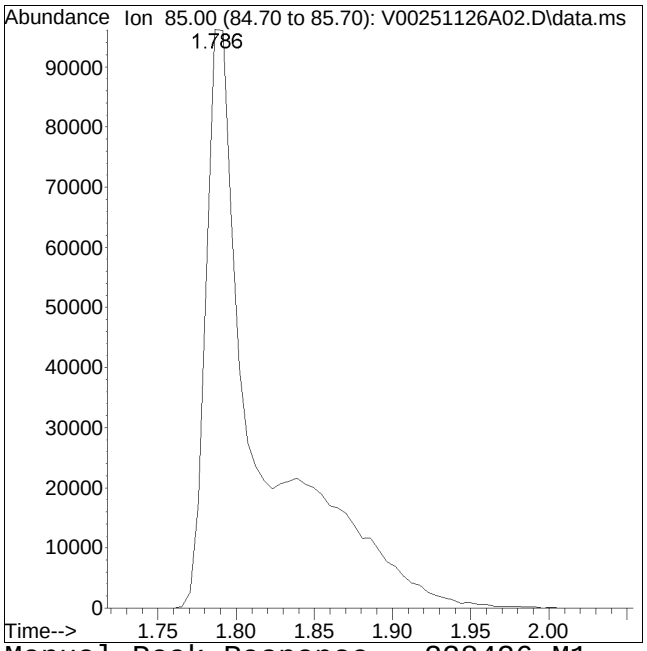
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A02.D Operator : VOA100:MNF
Date Inj'd : 11/26/2025 7:00 am Instrument : VOA100
Sample : WG2146952-4,31H,5,5,0.100 Quant Date : 11/26/2025 7:24 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 146704



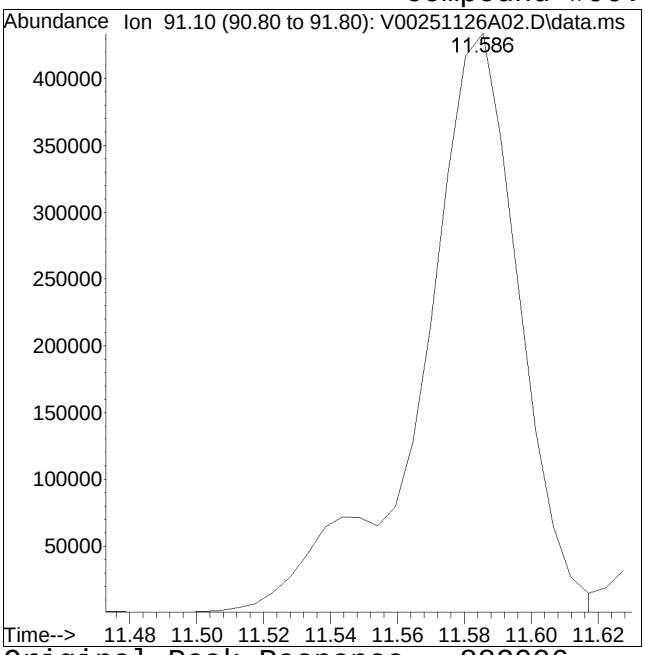
Manual Peak Response = 228426 M1

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

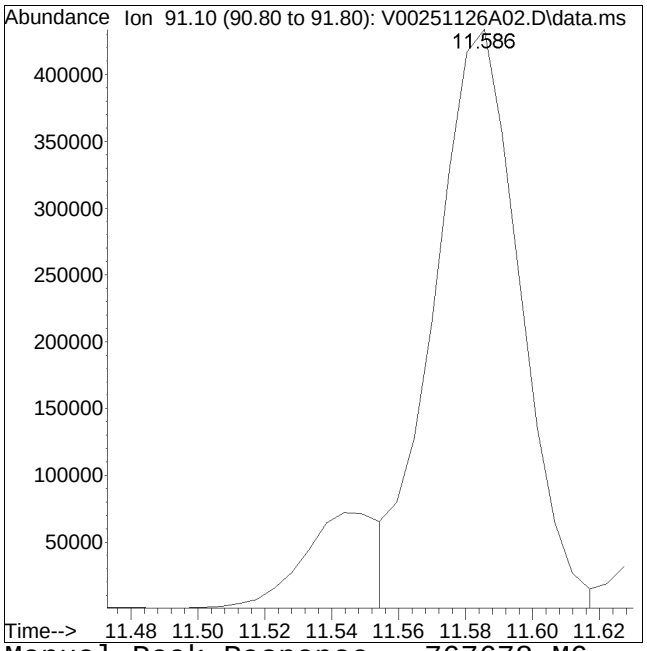
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A02.D Operator : VOA100:MNF
Date Inj'd : 11/26/2025 7:00 am Instrument : VOA100
Sample : WG2146952-4,31H,5,5,0.100 Quant Date : 11/26/2025 7:24 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 882006



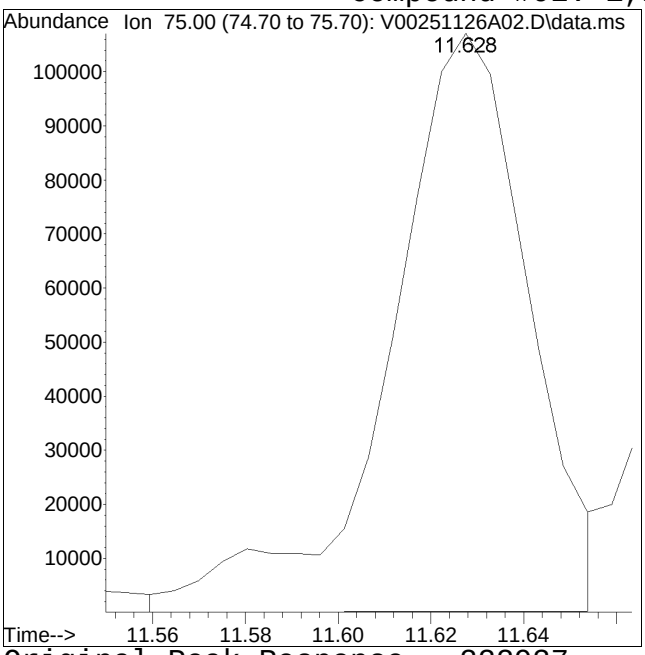
Manual Peak Response = 767678 M6

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

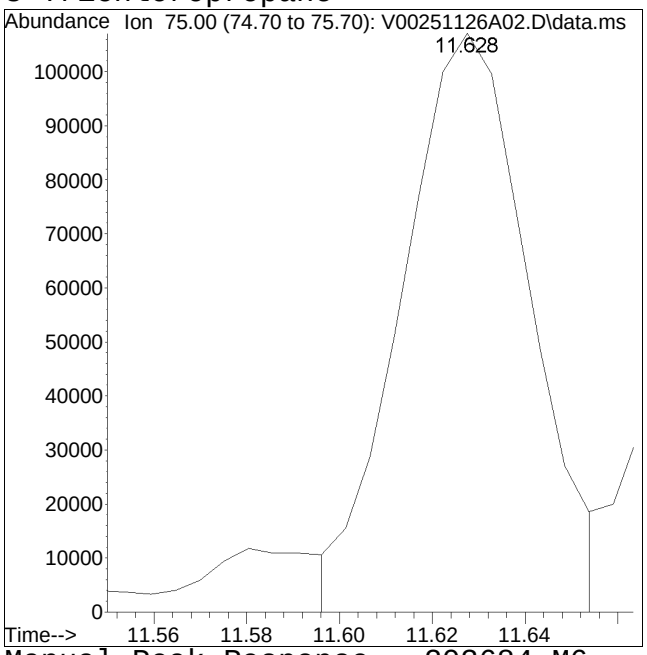
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A02.D Operator : VOA100:MNF
Date Inj'd : 11/26/2025 7:00 am Instrument : VOA100
Sample : WG2146952-4,31H,5,5,0.100 Quant Date : 11/26/2025 7:24 am

Compound #92: 1,2,3-Trichloropropane



Original Peak Response = 222937



Manual Peak Response = 203684 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A03.D
Acq On : 01 Dec 2025 09:11 am
Operator : VOA129:AJK
Sample : WG2148464-4,31h,15,15,0.1
Misc : WG2148464,ICAL22852
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 01 14:13:41 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251201A\V29251201A02.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.956	96	308636	20.000	ug/L	0.00
Standard Area 1 = 308067			Recovery = 100.18%			
59) Chlorobenzene-d5	8.793	117	230540	20.000	ug/L	0.00
Standard Area 1 = 231104			Recovery = 99.76%			
79) 1,4-Dichlorobenzene-d4	10.245	152	133631	20.000	ug/L	0.00
Standard Area 1 = 134547			Recovery = 99.32%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.028	113	80801	21.056	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.28%			
43) 1,2-Dichloroethane-d4	5.631	65	91202	20.733	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.67%			
60) Toluene-d8	7.592	98	300776	20.465	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.33%			
83) 4-Bromofluorobenzene	9.584	95	117094	20.427	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.13%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.085	85	152167	31.040	ug/L	99
3) Chloromethane	1.232	50	202060	31.198	ug/L	98
4) Vinyl chloride	1.285	62	167133	33.389	ug/L	96
5) Bromomethane	1.526	94	98730	30.058	ug/L	99
6) Chloroethane	1.625	64	100369	34.183	ug/L	97
7) Trichlorofluoromethane	1.741	101	239618	36.458	ug/L	95
8) Ethyl ether	2.013	74	65717	34.725	ug/L	90
10) 1,1-Dichloroethene	2.165	96	114356	35.450	ug/L	85
11) Carbon disulfide	2.171	76	403669	34.811	ug/L	95
15) Methylene chloride	2.726	84	126759	29.800	ug/L	94
17) Acetone	2.800	43	51094	39.673	ug/L	95
18) trans-1,2-Dichloroethene	2.899	96	126071	34.573	ug/L	91
20) Methyl tert-butyl ether	3.067	73	368874	37.293	ug/L	96
23) 1,1-Dichloroethane	3.644	63	254415	33.410	ug/L	98
25) Acrylonitrile	3.723	53	39318	38.353	ug/L	98
27) Vinyl acetate	4.084	43	302984	36.426	ug/L	99
28) cis-1,2-Dichloroethene	4.415	96	139473	35.150	ug/L	80
29) 2,2-Dichloropropane	4.546	77	222785	36.432	ug/L	94
30) Bromochloromethane	4.666	128	64640	36.141	ug/L #	70
32) Chloroform	4.808	83	252752	31.876	ug/L	97

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A03.D
Acq On : 01 Dec 2025 09:11 am
Operator : VOA129:AJK
Sample : WG2148464-4,31h,15,15,0.1
Misc : WG2148464,ICAL22852
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 01 14:13:41 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251201A\V29251201A02.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	4.928	117	213690	34.671	ug/L		98
37) 1,1,1-Trichloroethane	5.018	97	241007	38.496	ug/L	#	98
39) 2-Butanone	5.201	43	48944	32.924	ug/L	#	88
40) 1,1-Dichloropropene	5.180	75	182302	37.641	ug/L		98
41) Benzene	5.469	78	510854	35.118	ug/L		97
44) 1,2-Dichloroethane	5.704	62	202918	35.777	ug/L		98
48) Trichloroethene	6.145	95	147586	35.073	ug/L		94
50) Dibromomethane	6.575	93	77432	35.847	ug/L	#	88
51) 1,2-Dichloropropane	6.680	63	141929	34.065	ug/L		98
54) Bromodichloromethane	6.779	83	198084	35.891	ug/L		98
57) 1,4-Dioxane	7.000	88	45876	2060.136	ug/L	#	83
58) cis-1,3-Dichloropropene	7.419	75	214538	37.543	ug/L		98
61) Toluene	7.639	92	337154	34.489	ug/L		96
62) 4-Methyl-2-pentanone	7.990	58	43095	39.289	ug/L	#	83
63) Tetrachloroethene	7.959	166	164621	37.224	ug/L		90
65) trans-1,3-Dichloropropene	8.006	75	193008	37.187	ug/L		100
68) 1,1,2-Trichloroethane	8.127	83	89476	36.075	ug/L		97
69) Chlorodibromomethane	8.258	129	139176	36.161	ug/L		97
70) 1,3-Dichloropropane	8.326	76	185617	35.831	ug/L		100
71) 1,2-Dibromoethane	8.410	107	106460	37.713	ug/L		97
72) 2-Hexanone	8.620	43	80353	37.607	ug/L		97
73) Chlorobenzene	8.803	112	385094	35.538	ug/L		91
74) Ethylbenzene	8.835	91	673792	37.130	ug/L		99
75) 1,1,1,2-Tetrachloroethane	8.856	131	145890	36.073	ug/L		97
76) p/m Xylene	8.939	106	518994	79.173	ug/L		99
77) o Xylene	9.212	106	497001	77.361	ug/L		97
78) Styrene	9.249	104	835301	77.979	ug/L		94
80) Bromoform	9.259	173	93019	35.502	ug/L		96
82) Isopropylbenzene	9.417	105	693057	37.357	ug/L		98
84) Bromobenzene	9.642	156	175011	34.700	ug/L		97
85) n-Propylbenzene	9.674	91	816917	36.647	ug/L		97
87) 1,1,2,2-Tetrachloroethane	9.715	83	134180	35.532	ug/L		100
88) 4-Ethyltoluene	9.742	105	685147	37.635	ug/L		98
89) 2-Chlorotoluene	9.757	91	558668	41.166	ug/L		94
90) 1,3,5-Trimethylbenzene	9.794	105	600222	37.219	ug/L		93
91) 1,2,3-Trichloropropane	9.789	75	110661	34.247	ug/L		98
92) trans-1,4-Dichloro-2-b...	9.815	53	50619	37.562	ug/L		93
93) 4-Chlorotoluene	9.857	91	510967	35.741	ug/L		95
94) tert-Butylbenzene	9.978	119	512344	37.011	ug/L		95

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A03.D
Acq On : 01 Dec 2025 09:11 am
Operator : VOA129:AJK
Sample : WG2148464-4,31h,15,15,0.1
Misc : WG2148464,ICAL22852
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 01 14:13:41 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA129\2025\251201A\V29251201A02.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	10.020	105	589963	37.270	ug/L	95
98) sec-Butylbenzene	10.082	105	766262	37.636	ug/L	96
99) p-Isopropyltoluene	10.166	119	676179	38.833	ug/L	97
100) 1,3-Dichlorobenzene	10.203	146	345306	34.991	ug/L	98
101) 1,4-Dichlorobenzene	10.256	146	340677	35.100	ug/L	97
102) p-Diethylbenzene	10.376	119	398440	38.805	ug/L	95
103) n-Butylbenzene	10.408	91	632769	38.857	ug/L	99
104) 1,2-Dichlorobenzene	10.497	146	314296	35.175	ug/L	99
105) 1,2,4,5-Tetramethylben...	10.832	119	620822	37.834	ug/L	98
106) 1,2-Dibromo-3-chloropr...	10.953	155	24531	37.595	ug/L	92
108) Hexachlorobutadiene	11.320	225	149449	36.025	ug/L	96
109) 1,2,4-Trichlorobenzene	11.336	180	253947	38.758	ug/L	99
110) Naphthalene	11.514	128	451429	39.132	ug/L	100
111) 1,2,3-Trichlorobenzene	11.619	180	231734	38.837	ug/L	99

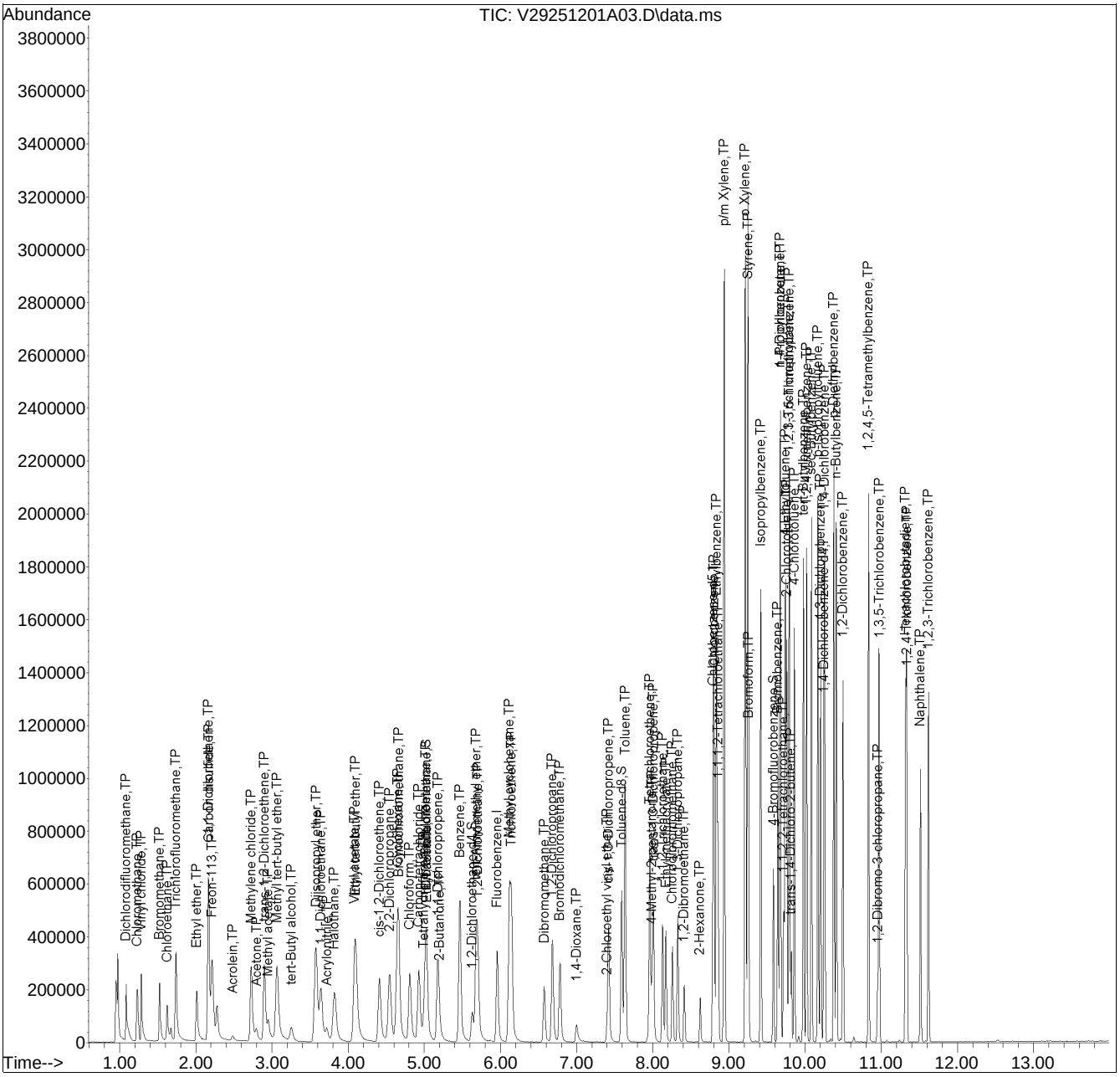
(#) = qualifier out of range (m) = manual integration (+) = signals summed

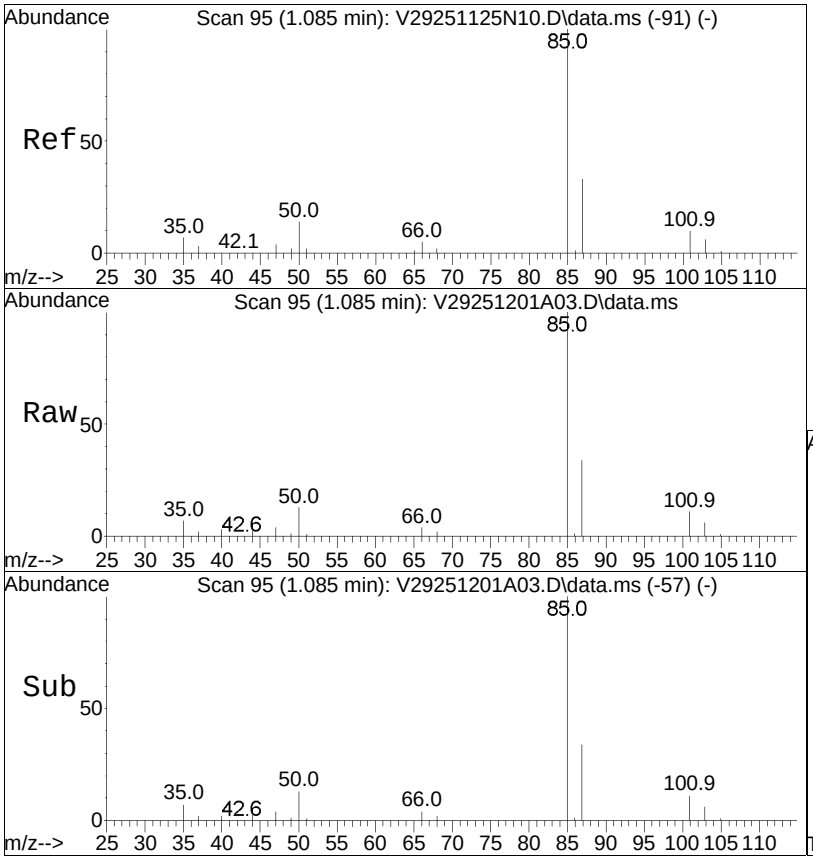
Quantitation Report (QT Reviewed)

Data Path : K:\VOA129\2025\251201A\
Data File : V29251201A03.D
Acq On : 01 Dec 2025 09:11 am
Operator : VOA129:AJK
Sample : WG2148464-4,31h,15,15,0.1
Misc : WG2148464,ICAL22852
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 01 14:13:41 2025
Quant Method : K:\VOA129\2025\251201A\V129_251125N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 26 08:40:00 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox01A02.D•

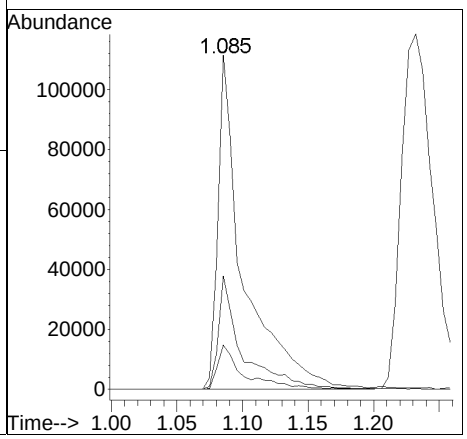


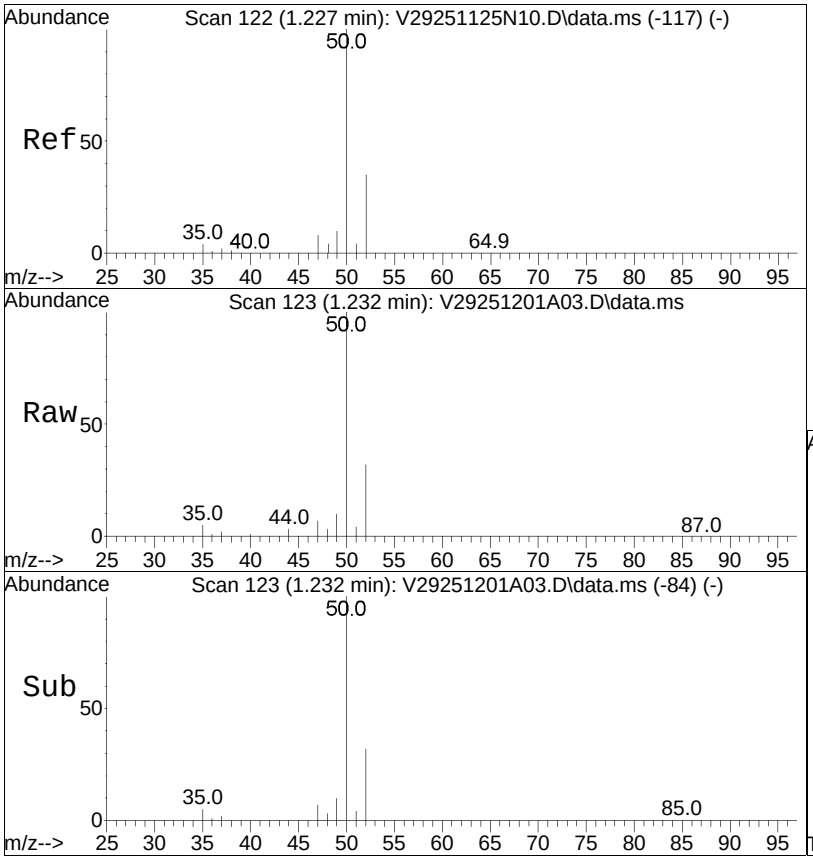


#2
Dichlorodifluoromethane
Concen: 31.04 ug/L
RT: 1.085 min Scan# 95
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 85 Resp: 152167

Ion	Ratio	Lower	Upper
85	100		
87	31.8	21.0	43.6
50	13.8	8.9	18.5

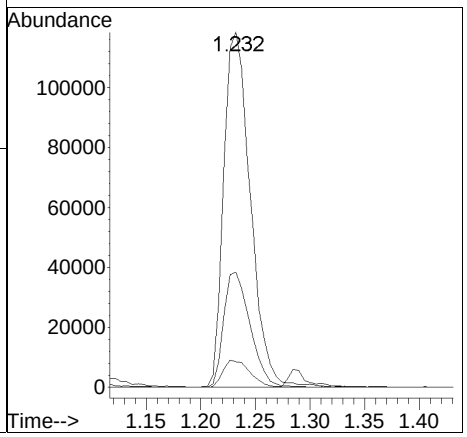


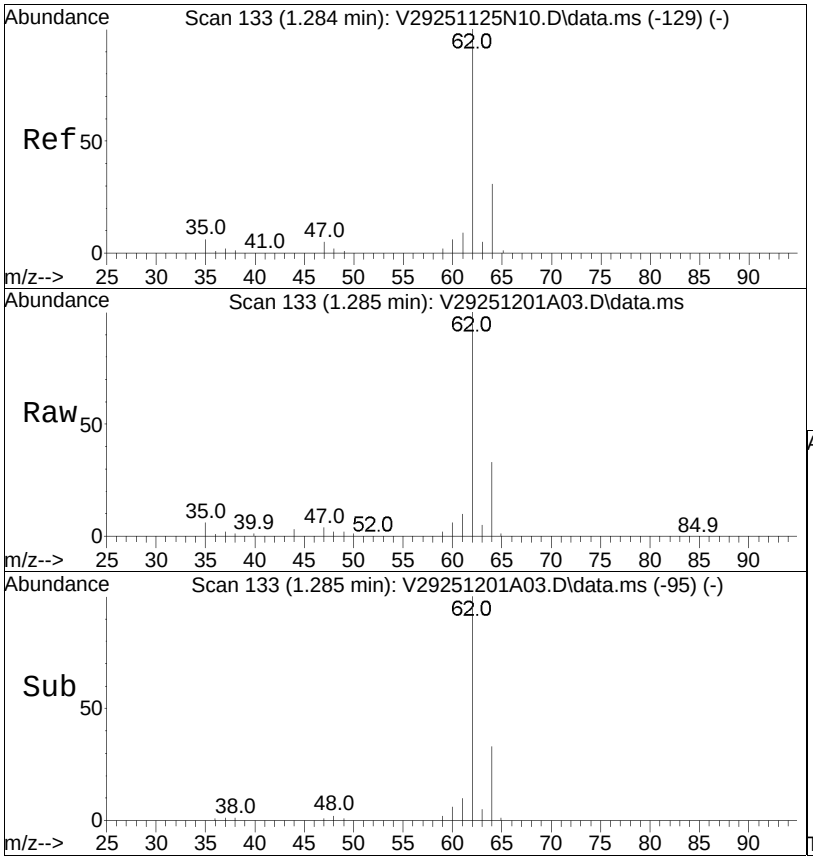


#3
Chloromethane
Concen: 31.20 ug/L
RT: 1.232 min Scan# 123
Delta R.T. 0.005 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 50 Resp: 202060

Ion	Ratio	Lower	Upper
50	100		
52	32.0	12.9	52.9
47	7.7	0.0	28.3

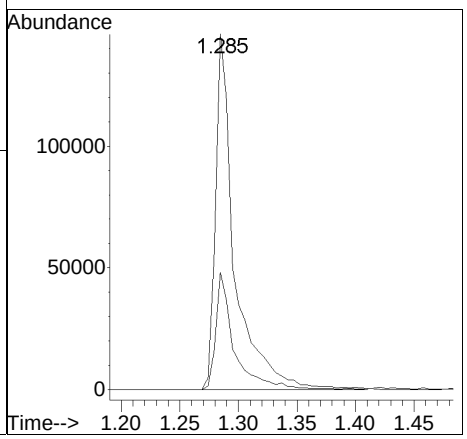


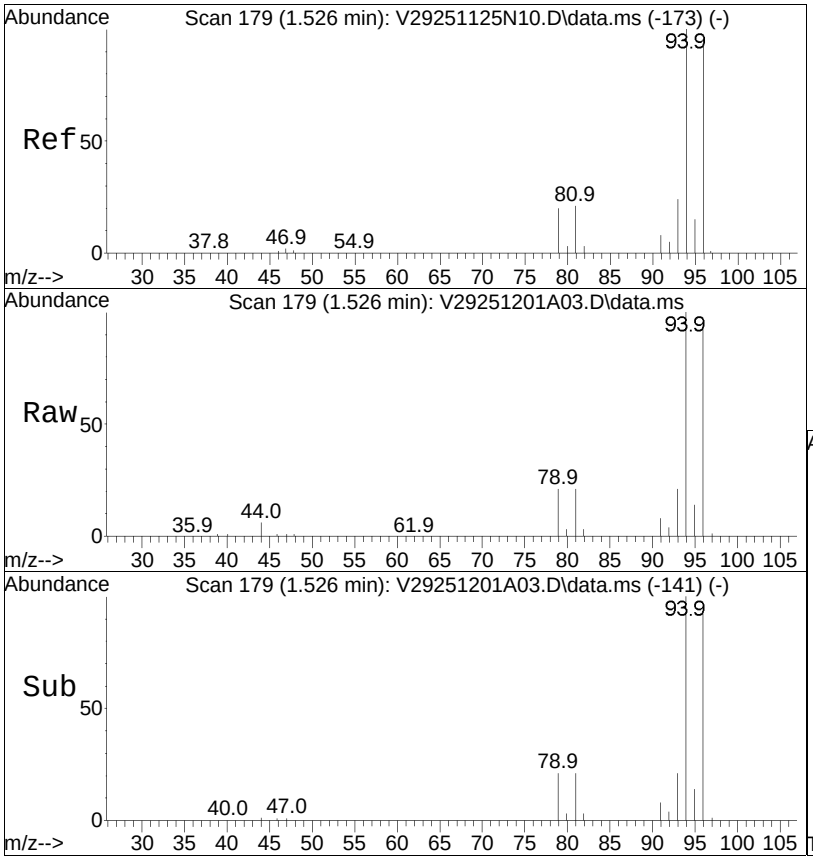


#4
Vinyl chloride
Concen: 33.39 ug/L
RT: 1.285 min Scan# 133
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 62 Resp: 167133

Ion	Ratio	Lower	Upper
62	100		
64	31.2	9.1	49.1

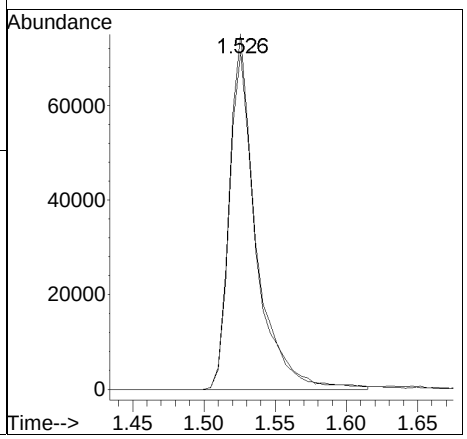


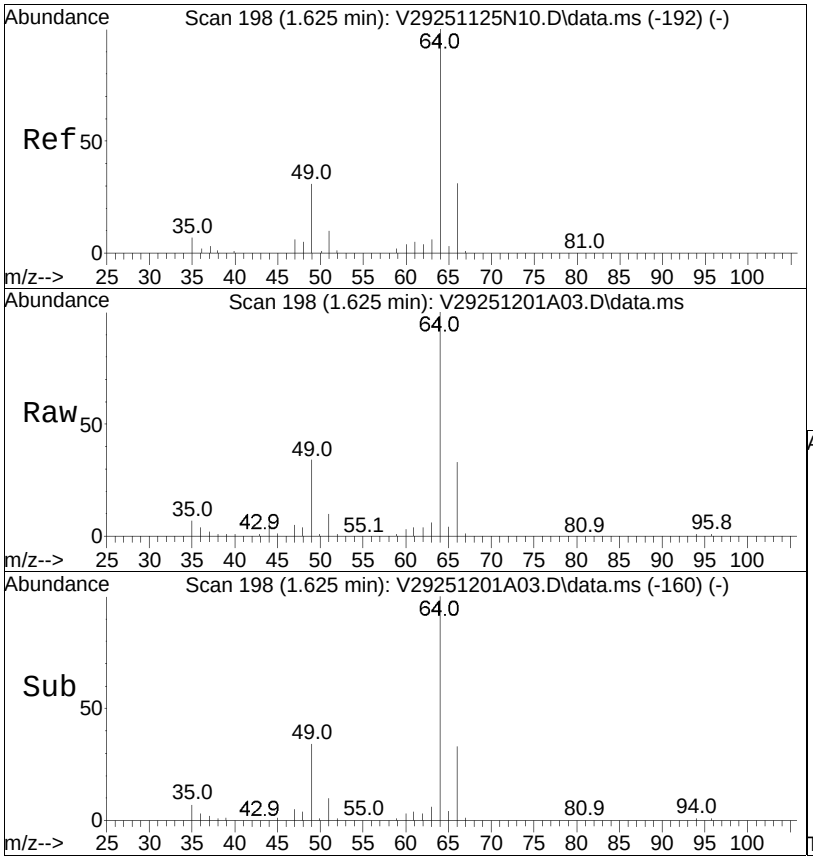


#5
Bromomethane
Concen: 30.06 ug/L
RT: 1.526 min Scan# 179
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 94 Resp: 98730

Ion	Ratio	Lower	Upper
94	100		
96	95.0	75.6	115.6

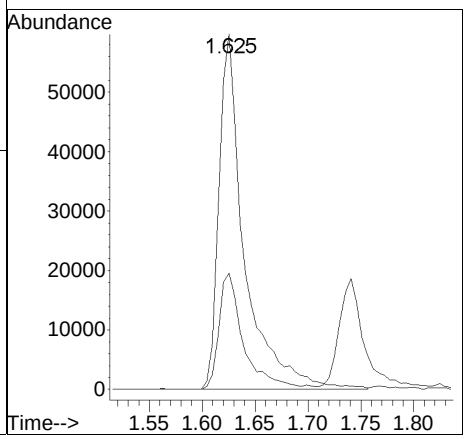


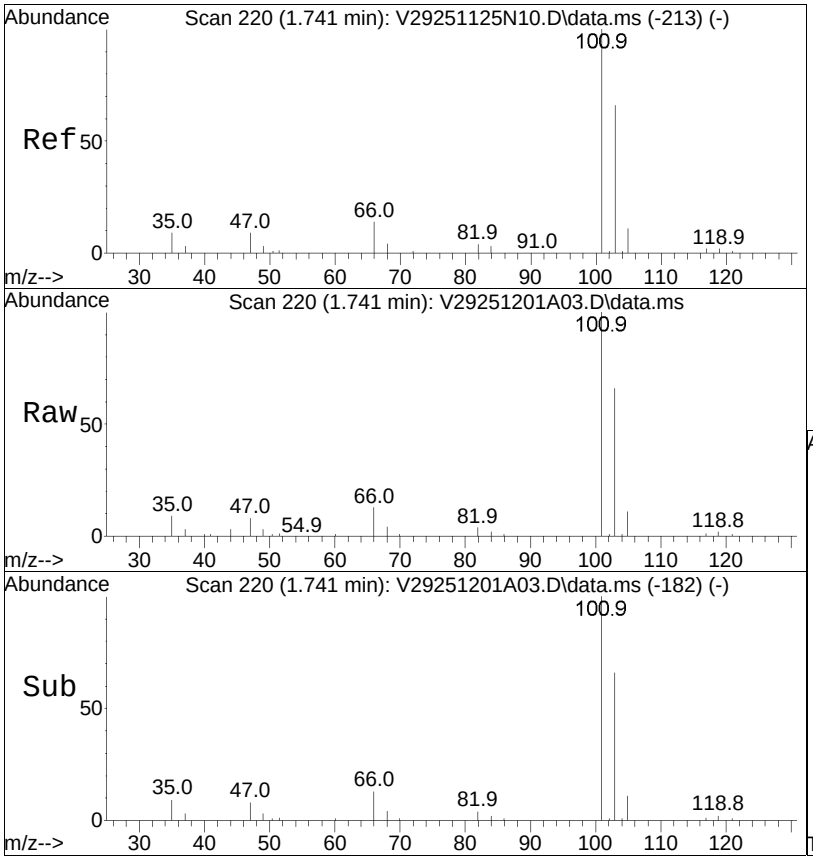


#6
Chloroethane
Concen: 34.18 ug/L
RT: 1.625 min Scan# 198
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 64 Resp: 100369

Ion	Ratio	Lower	Upper
64	100		
66	31.4	9.8	49.8

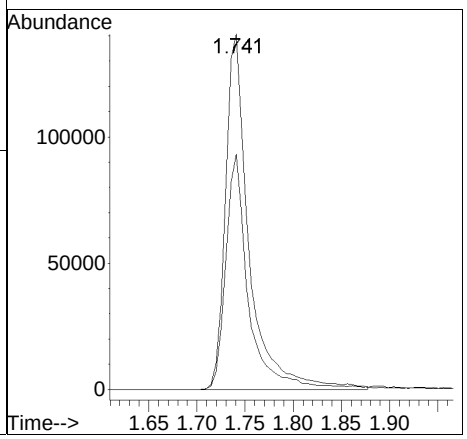


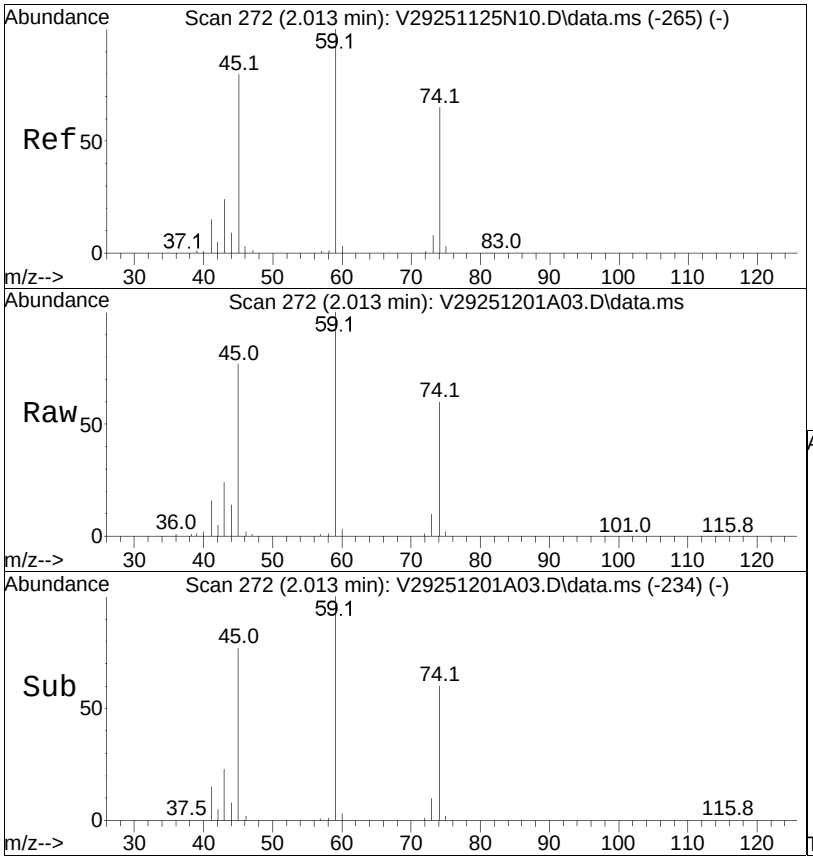


#7
Trichlorofluoromethane
Concen: 36.46 ug/L
RT: 1.741 min Scan# 220
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:101 Resp: 239618

Ion	Ratio	Lower	Upper
101	100		
103	63.5	53.8	80.6

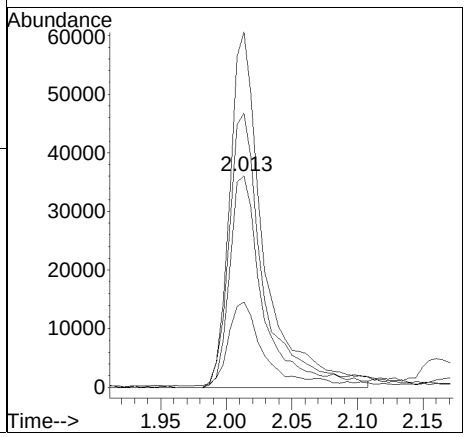


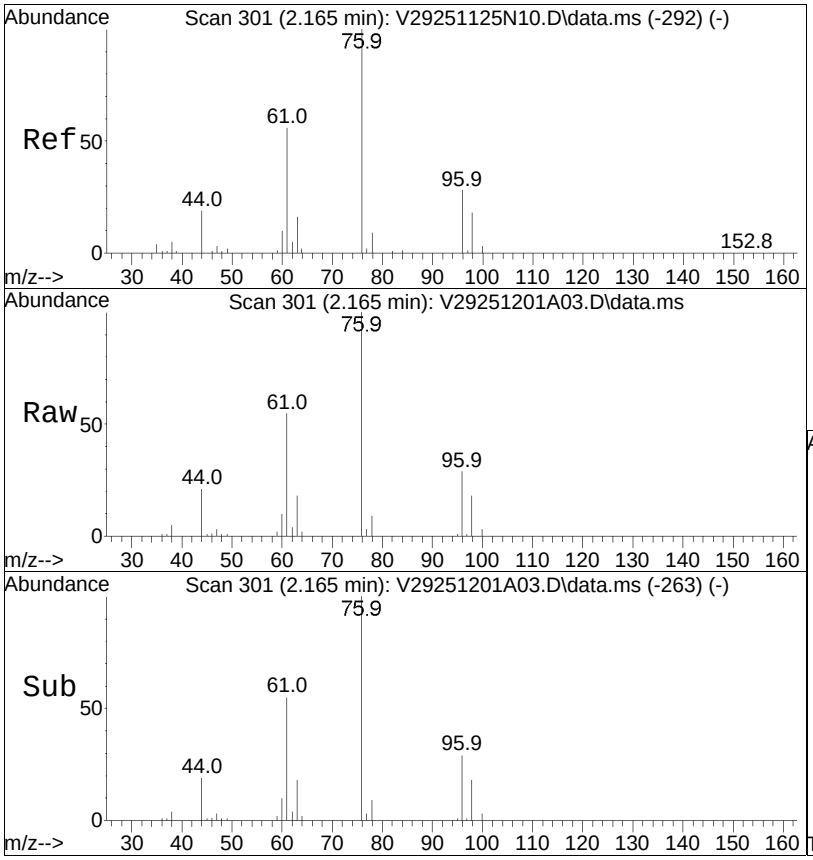


#8
Ethyl ether
Concen: 34.72 ug/L
RT: 2.013 min Scan# 272
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 74 Resp: 65717

Ion	Ratio	Lower	Upper
74	100		
59	171.4	122.2	253.8
45	129.2	91.9	190.9
43	41.0	25.2	52.2

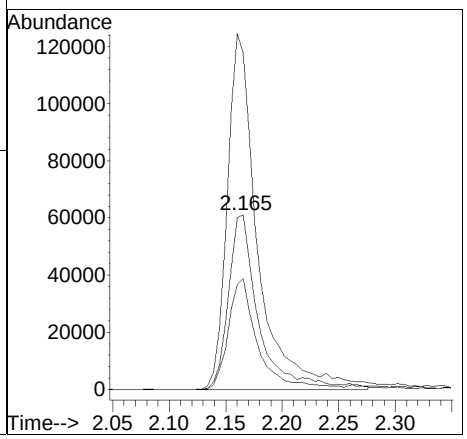


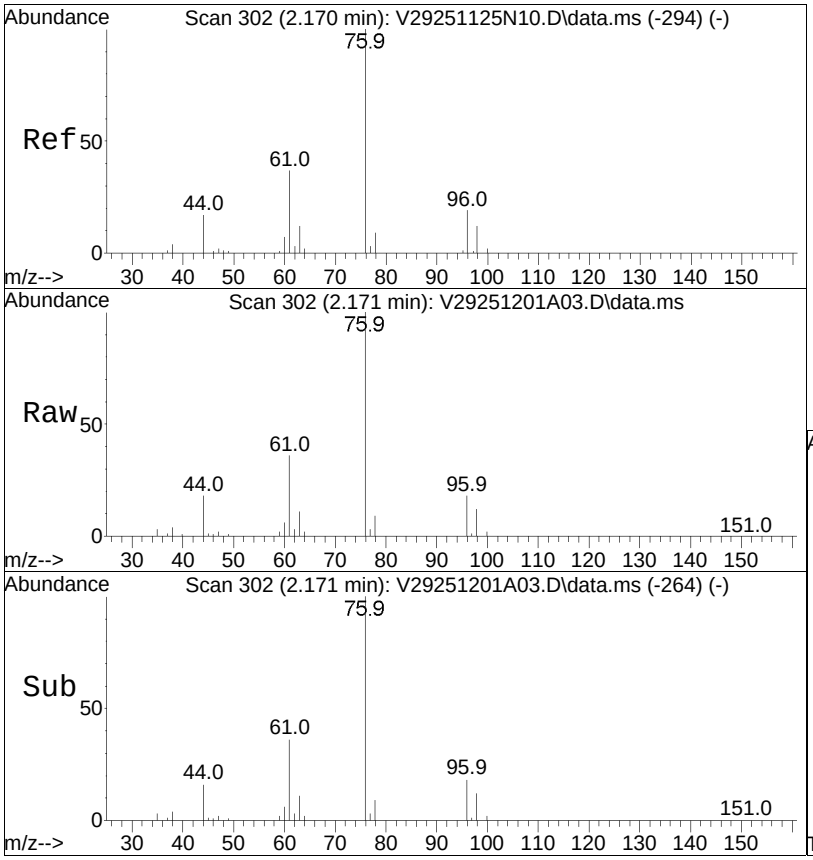


#10
1,1-Dichloroethene
Concen: 35.45 ug/L
RT: 2.165 min Scan# 301
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 96 Resp: 114356

Ion	Ratio	Lower	Upper
96	100		
61	206.7	186.1	279.1
63	61.5	57.6	86.4

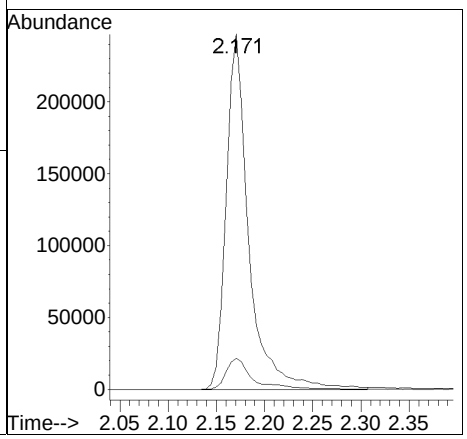


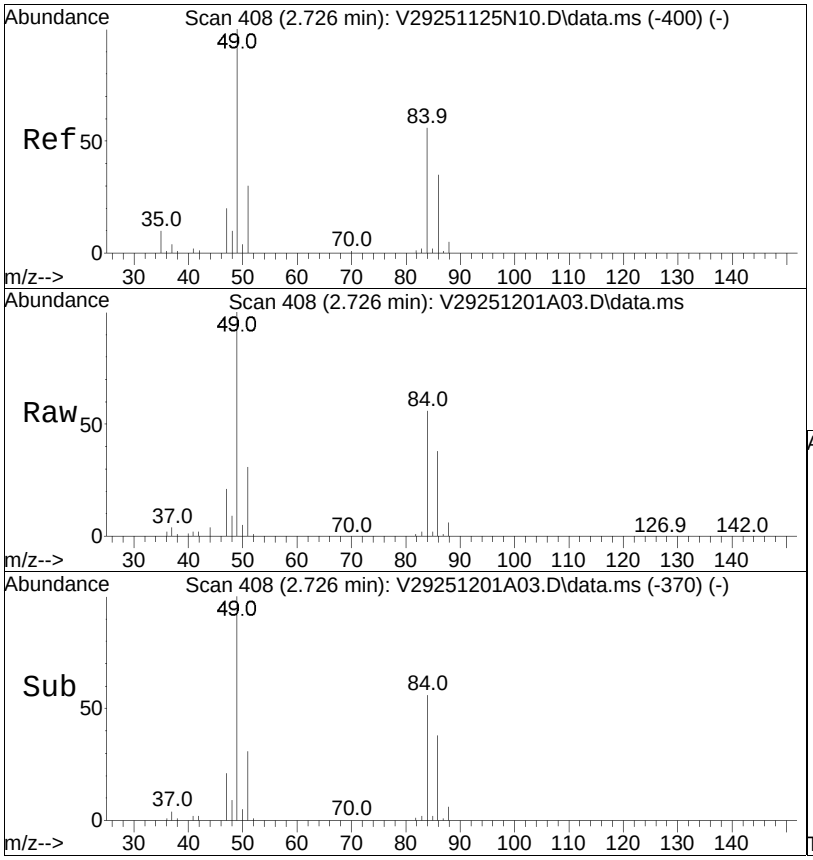


#11
Carbon disulfide
Concen: 34.81 ug/L
RT: 2.171 min Scan# 302
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 76 Resp: 403669

Ion	Ratio	Lower	Upper
76	100		
78	10.3	5.7	11.7

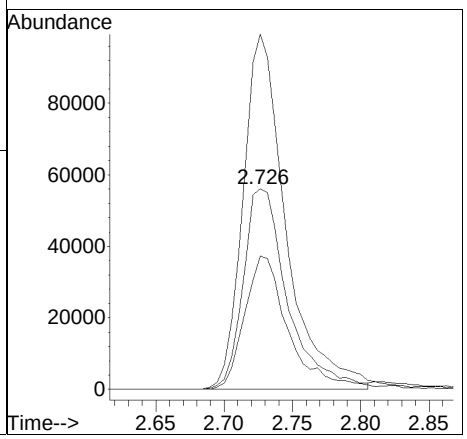


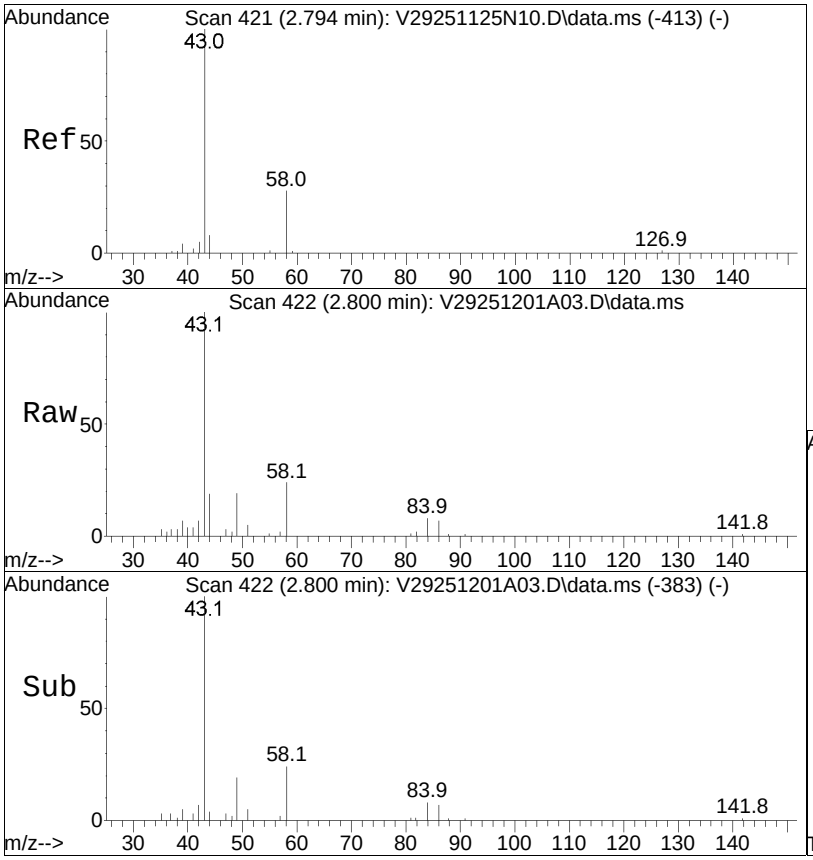


#15
Methylene chloride
Concen: 29.80 ug/L
RT: 2.726 min Scan# 408
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 84 Resp: 126759

Ion	Ratio	Lower	Upper
84	100		
86	66.0	40.4	83.8
49	175.6	120.0	249.2

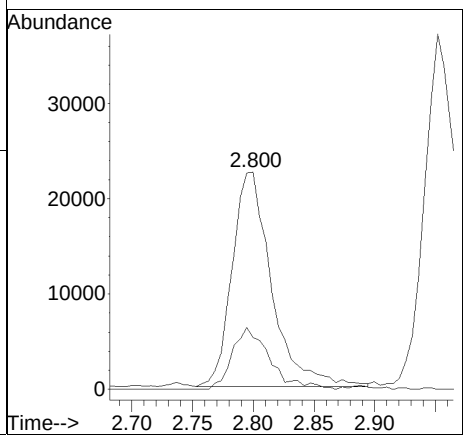


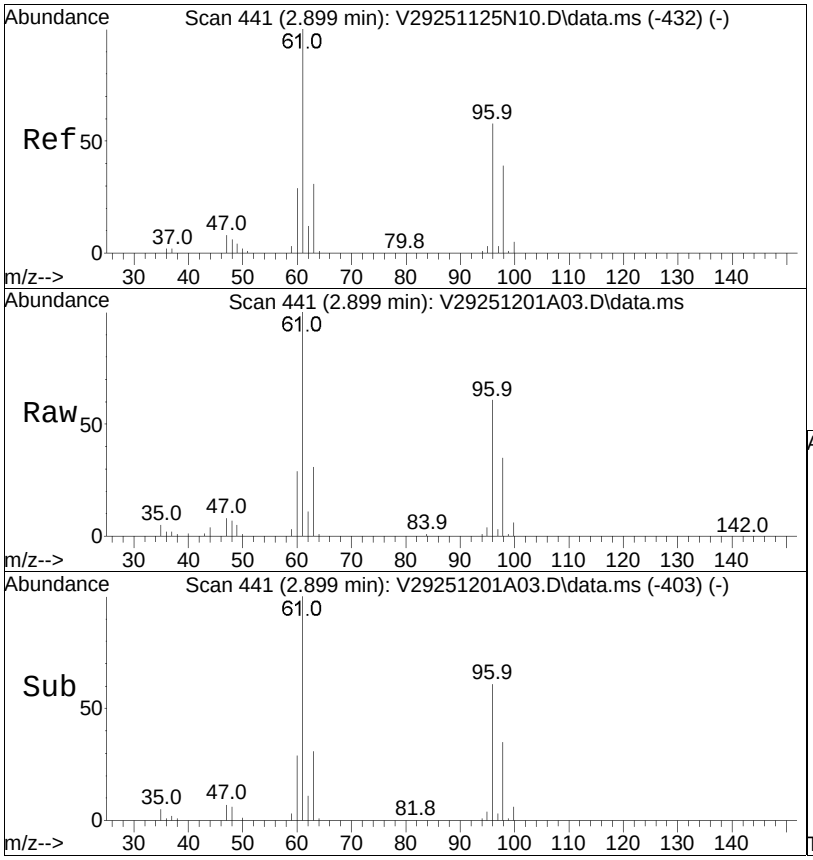


#17
Acetone
Concen: 39.67 ug/L
RT: 2.800 min Scan# 422
Delta R.T. 0.006 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 43 Resp: 51094

Ion	Ratio	Lower	Upper
43	100		
58	27.4	24.2	36.4

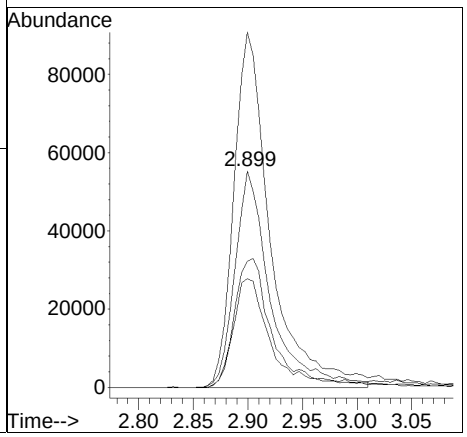


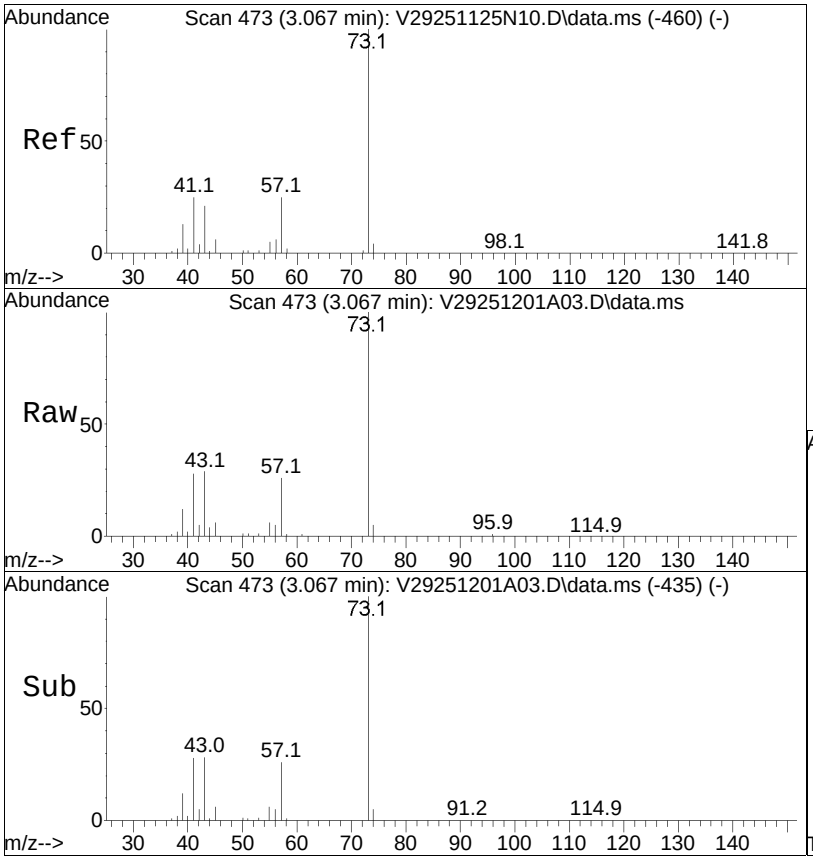


#18
trans-1,2-Dichloroethene
Concen: 34.57 ug/L
RT: 2.899 min Scan# 441
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 96 Resp: 126071

Ion	Ratio	Lower	Upper
96	100		
61	173.2	124.0	257.6
98	62.3	41.2	85.6
63	54.2	38.4	79.7

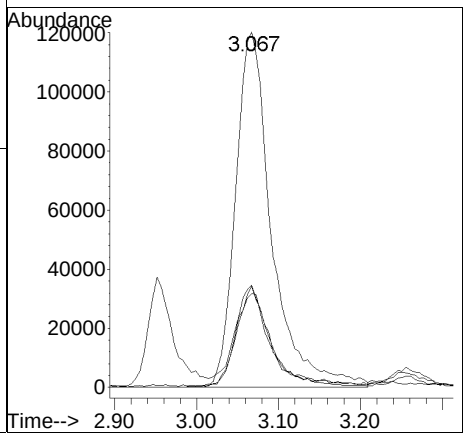


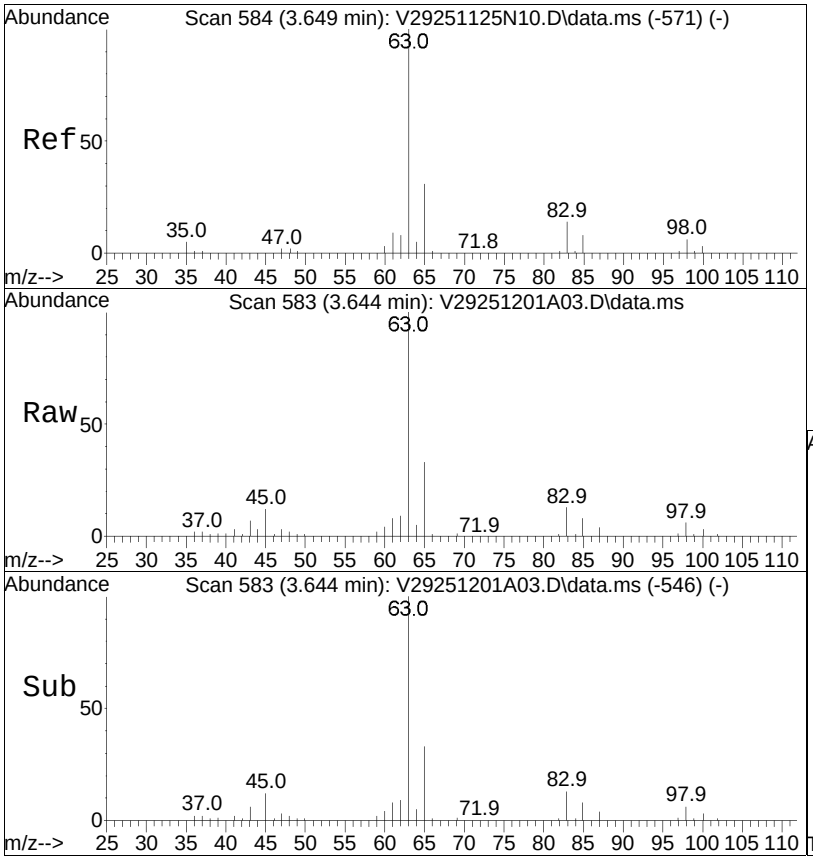


#20
Methyl tert-butyl ether
Concen: 37.29 ug/L
RT: 3.067 min Scan# 473
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 73 Resp: 368874

Ion	Ratio	Lower	Upper
73	100		
57	26.0	17.5	36.3
43	27.7	15.3	31.9
41	25.1	15.3	31.7

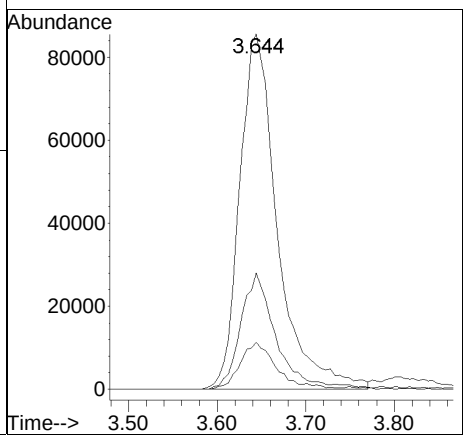


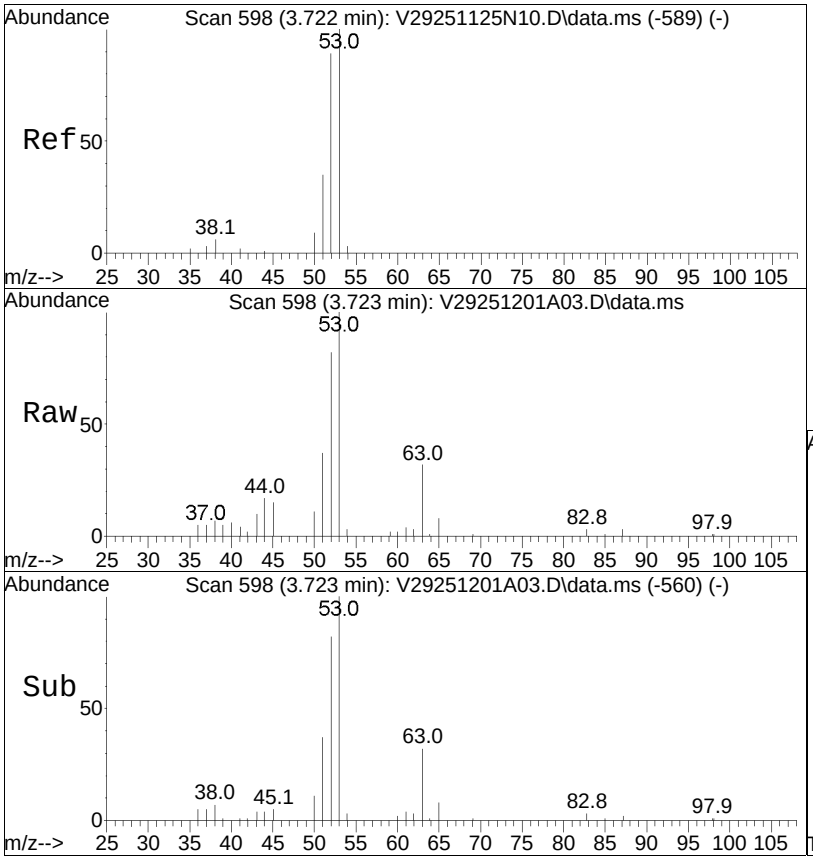


#23
1,1-Dichloroethane
Concen: 33.41 ug/L
RT: 3.644 min Scan# 583
Delta R.T. -0.005 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 63 Resp: 254415

Ion	Ratio	Lower	Upper
63	100		
65	29.9	11.0	51.0
83	12.9	0.0	31.8

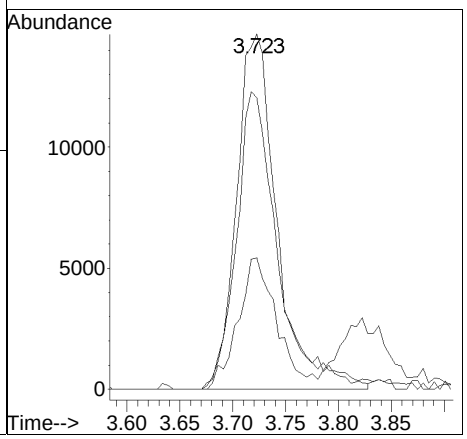


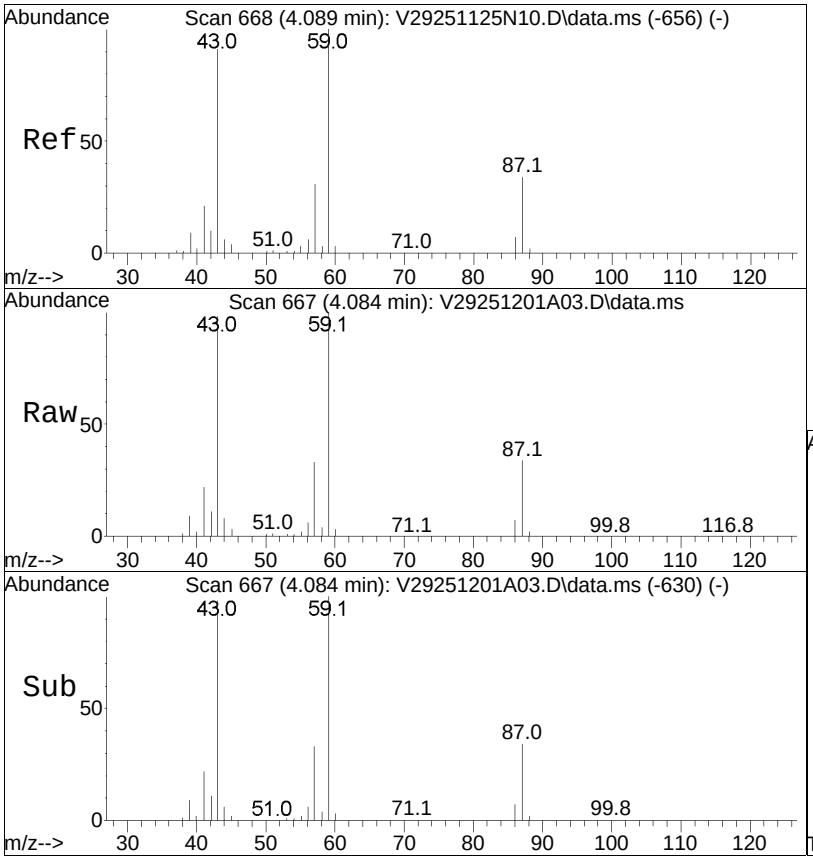


#25
Acrylonitrile
Concen: 38.35 ug/L
RT: 3.723 min Scan# 598
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 53 Resp: 39318

Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.7	100.1
51	34.9	30.6	46.0

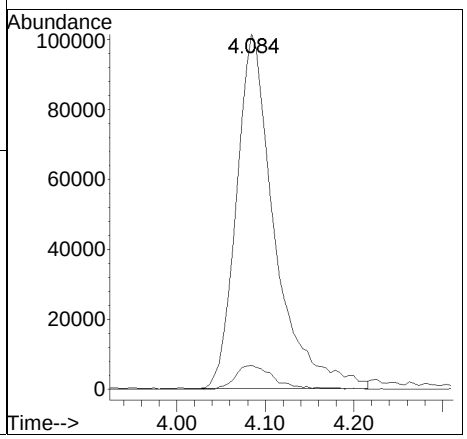


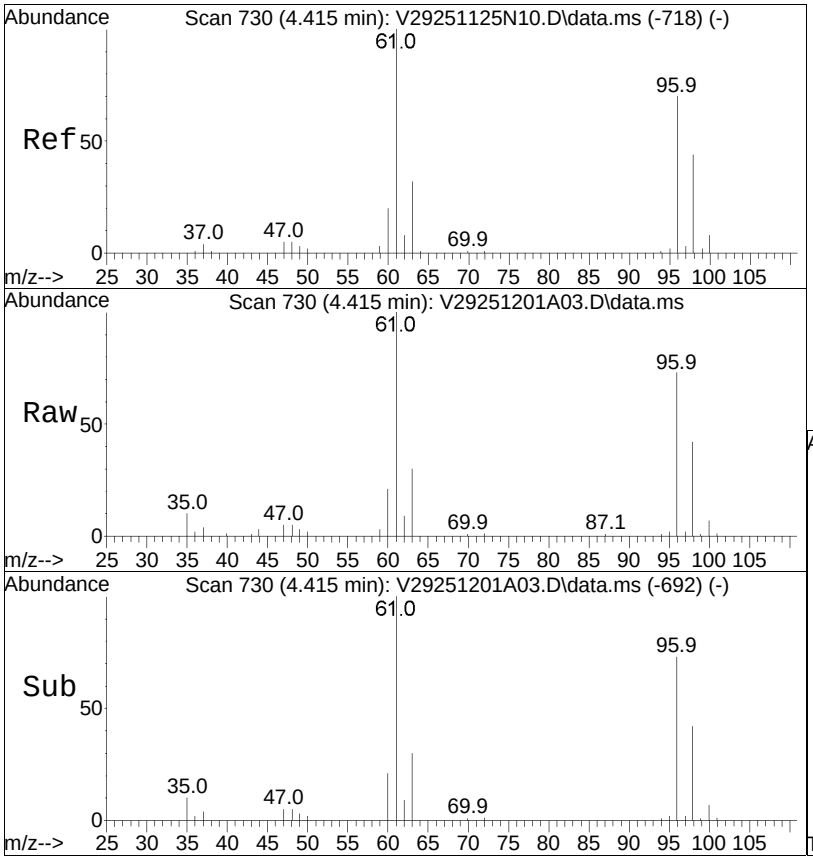


#27
Vinyl acetate
Concen: 36.43 ug/L
RT: 4.084 min Scan# 667
Delta R.T. -0.005 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 43 Resp: 302984

Ion	Ratio	Lower	Upper
43	100		
86	6.7	5.2	7.8

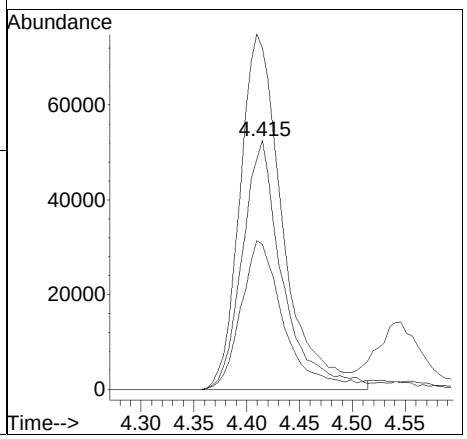


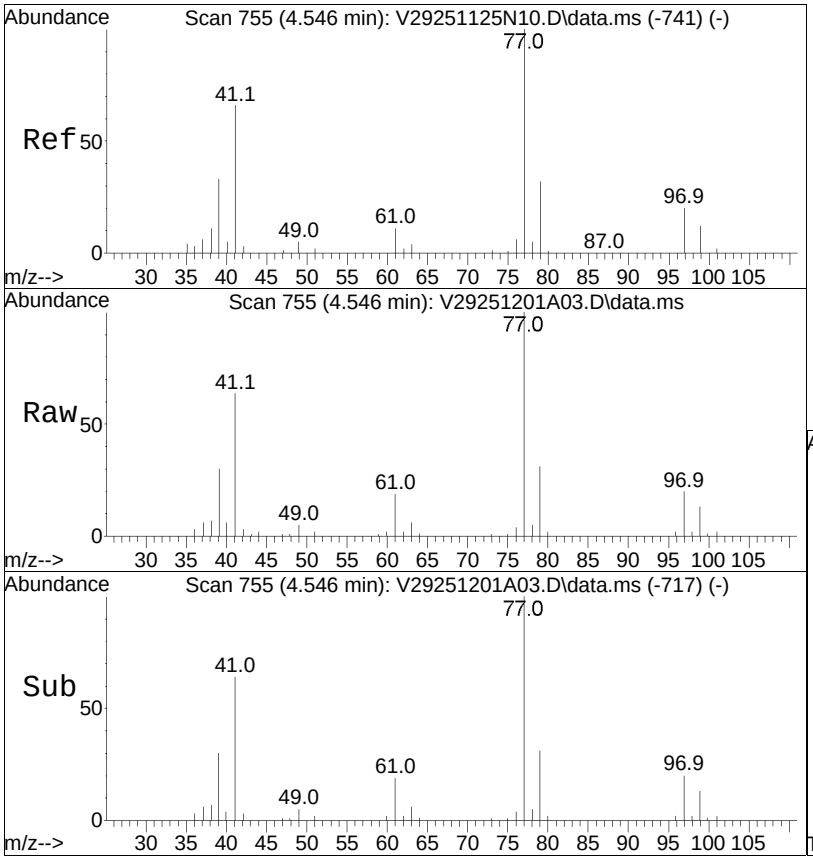


#28
cis-1,2-Dichloroethene
Concen: 35.15 ug/L
RT: 4.415 min Scan# 730
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 96 Resp: 139473

Ion	Ratio	Lower	Upper
96	100		
61	150.0	149.4	224.2
98	62.1	53.4	80.2

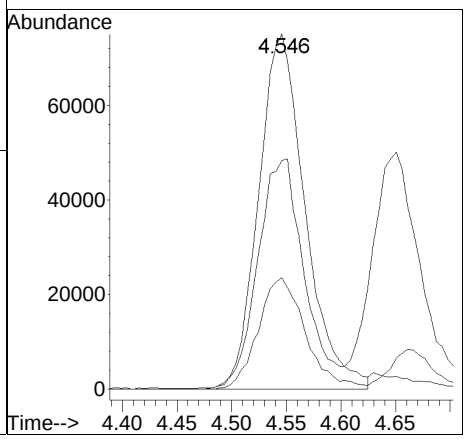


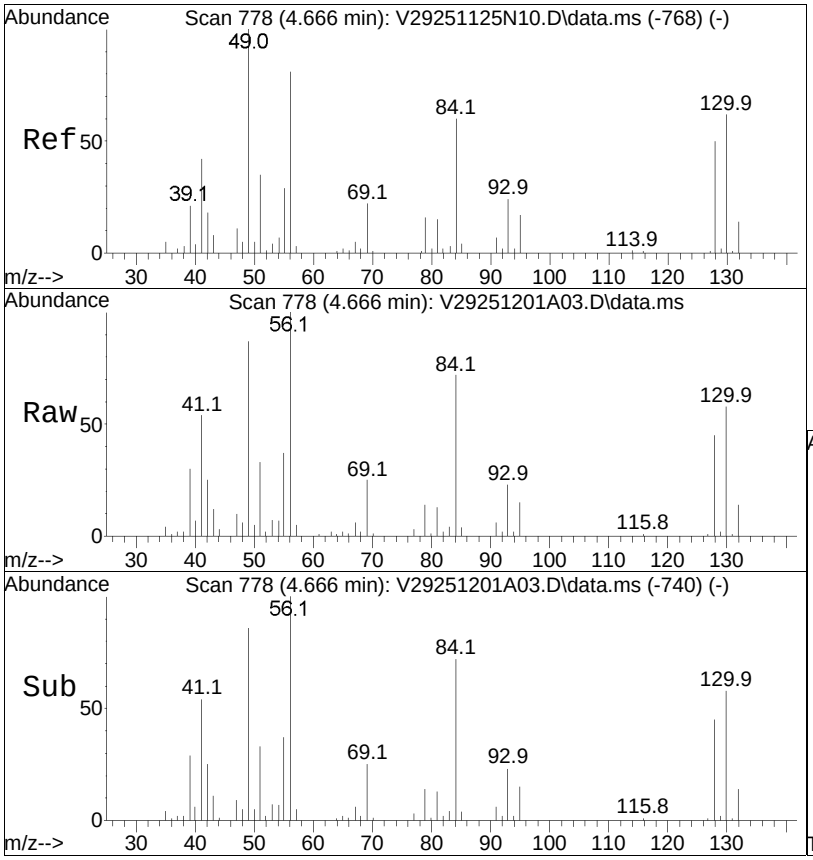


#29
2,2-Dichloropropane
Concen: 36.43 ug/L
RT: 4.546 min Scan# 755
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 77 Resp: 222785

Ion	Ratio	Lower	Upper
77	100		
41	64.4	38.0	78.8
79	32.0	20.5	42.5

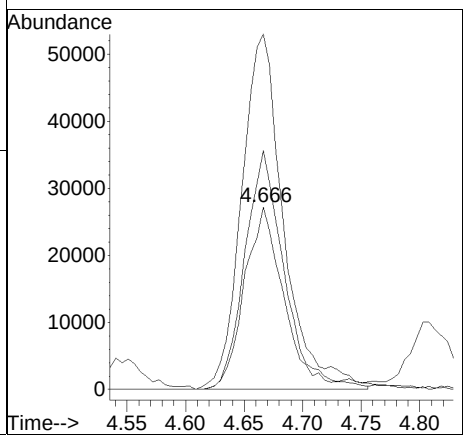


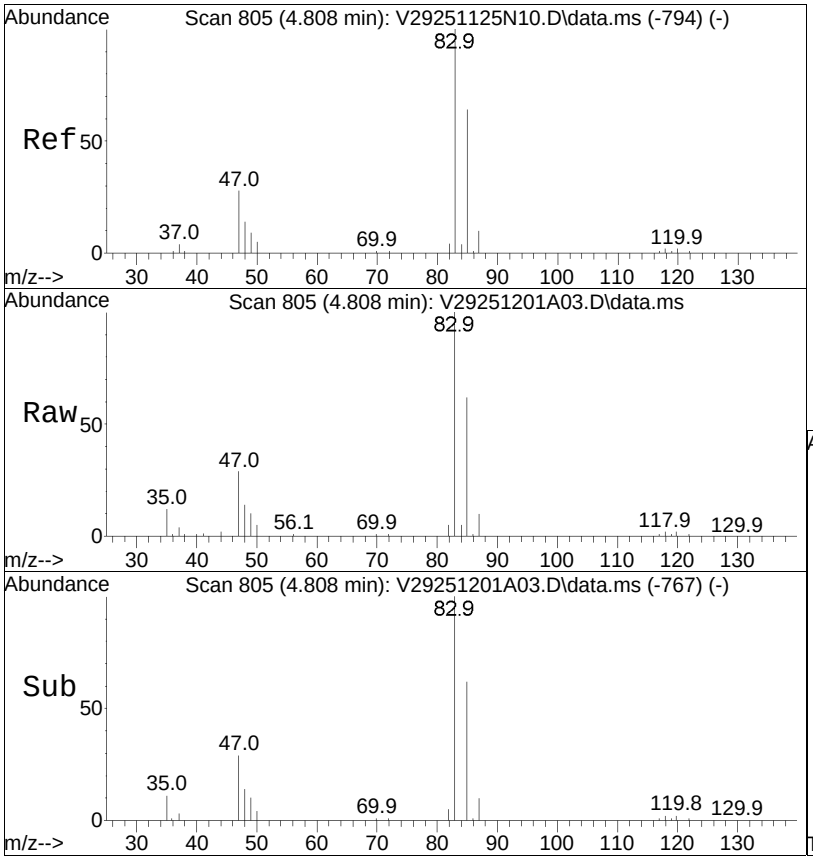


#30
Bromochloromethane
Concen: 36.14 ug/L
RT: 4.666 min Scan# 778
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:128 Resp: 64640

Ion	Ratio	Lower	Upper
128	100		
49	204.3	223.0	334.4#
130	126.6	111.4	167.0

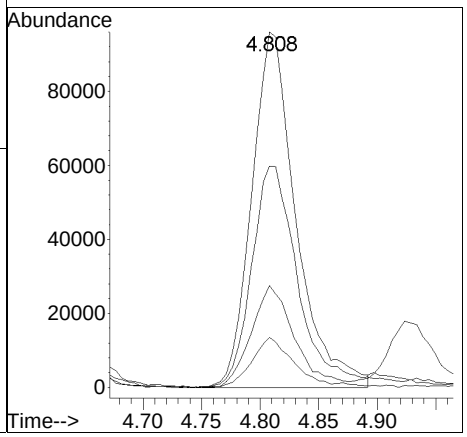


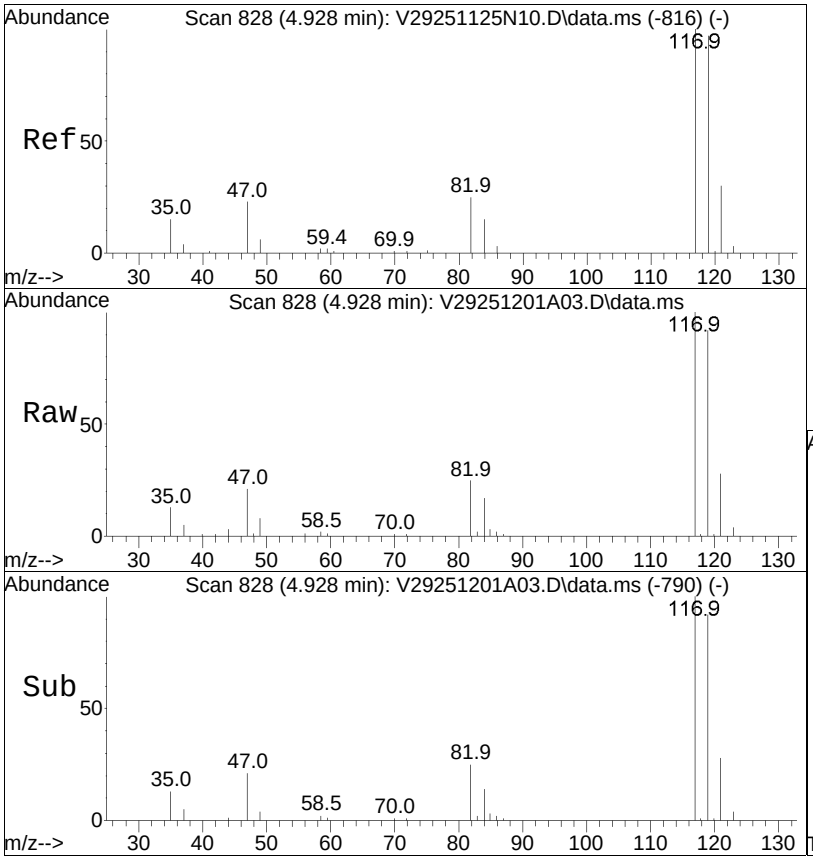


#32
Chloroform
Concen: 31.88 ug/L
RT: 4.808 min Scan# 805
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 83 Resp: 252752

Ion	Ratio	Lower	Upper
83	100		
85	66.3	41.5	86.1
47	28.2	19.0	39.4
48	13.7	9.9	20.5

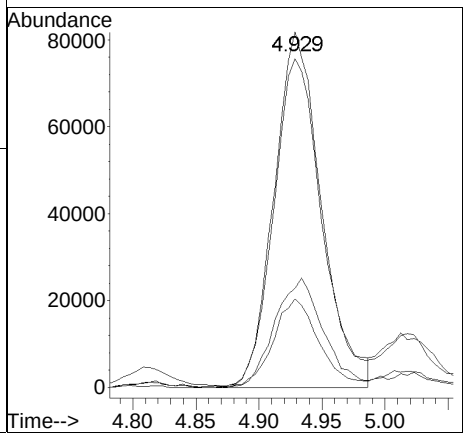


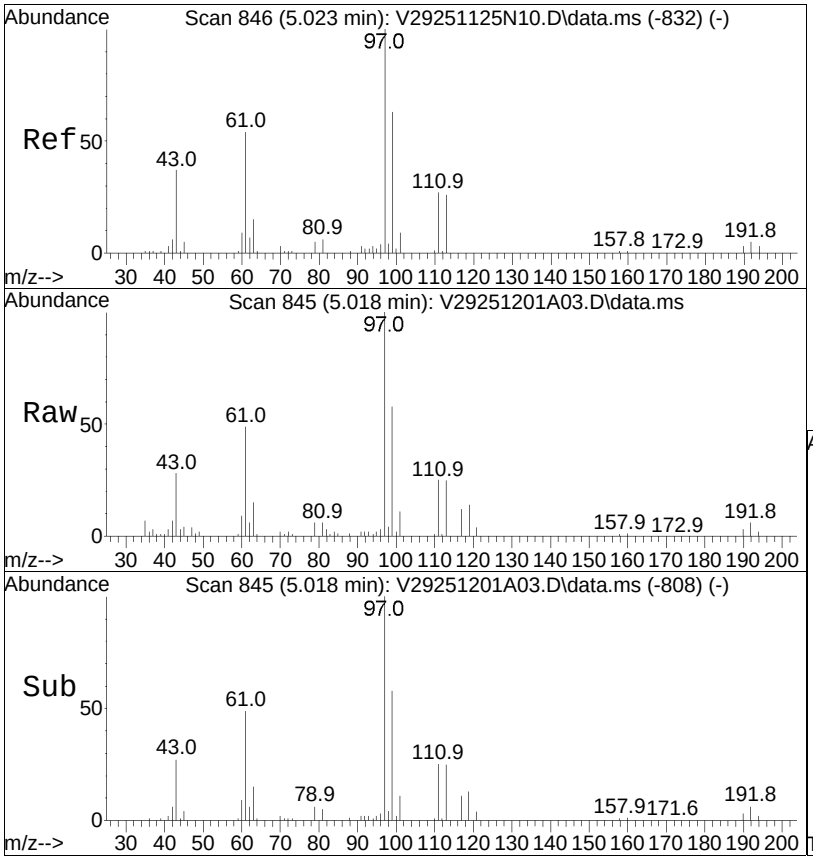


#34
Carbon tetrachloride
Concen: 34.67 ug/L
RT: 4.928 min Scan# 828
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:117 Resp: 213690

Ion	Ratio	Lower	Upper
117	100		
119	94.4	62.4	129.6
121	31.7	19.5	40.5
82	23.7	17.0	35.4

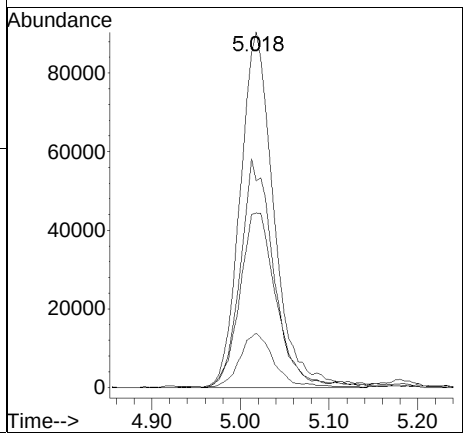


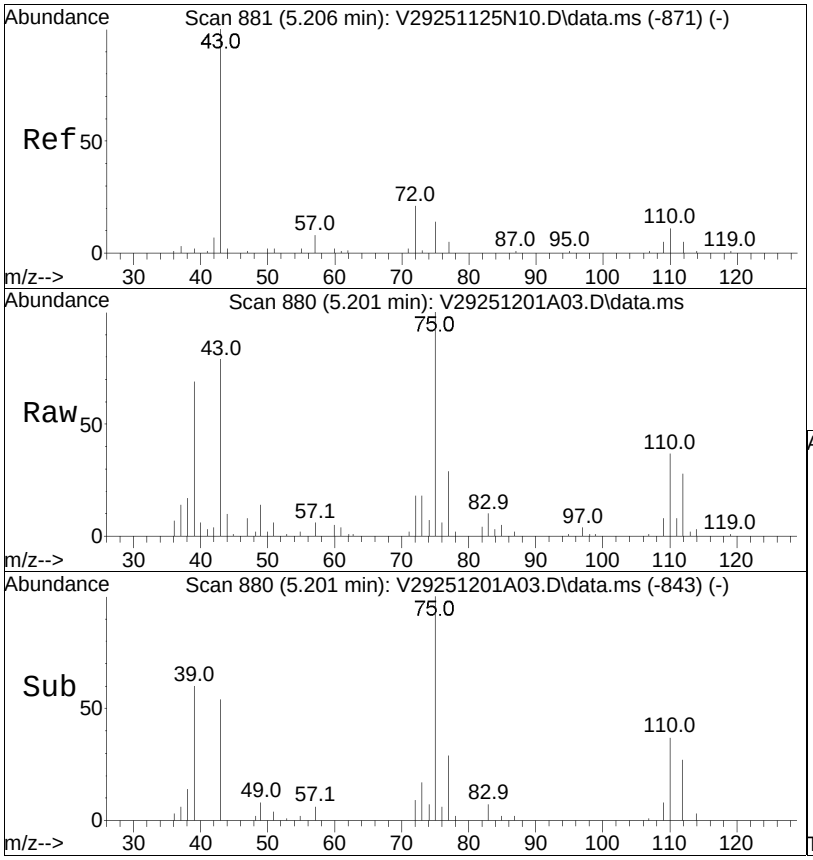


#37
1,1,1-Trichloroethane
Concen: 38.50 ug/L
RT: 5.018 min Scan# 845
Delta R.T. -0.005 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 97 Resp: 241007

Ion	Ratio	Lower	Upper
97	100		
99	62.5	40.7	84.5
61	52.6	35.4	73.4
63	15.4	5.0	10.4#

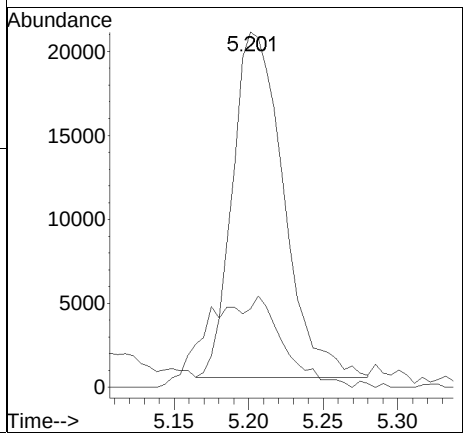


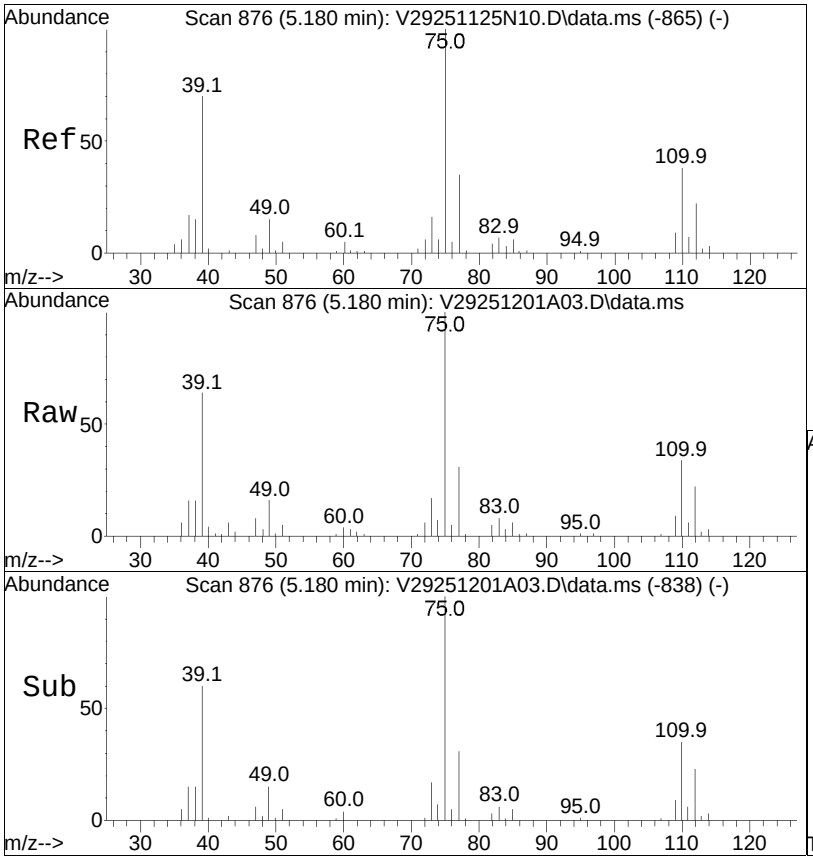


#39
2-Butanone
Concen: 32.92 ug/L
RT: 5.201 min Scan# 880
Delta R.T. -0.005 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 43 Resp: 48944

Ion	Ratio	Lower	Upper
43	100		
72	18.4	10.9	16.3#

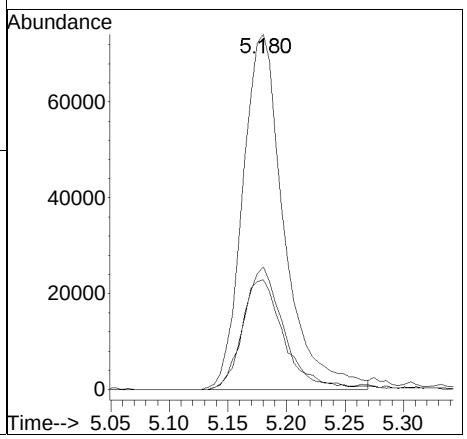


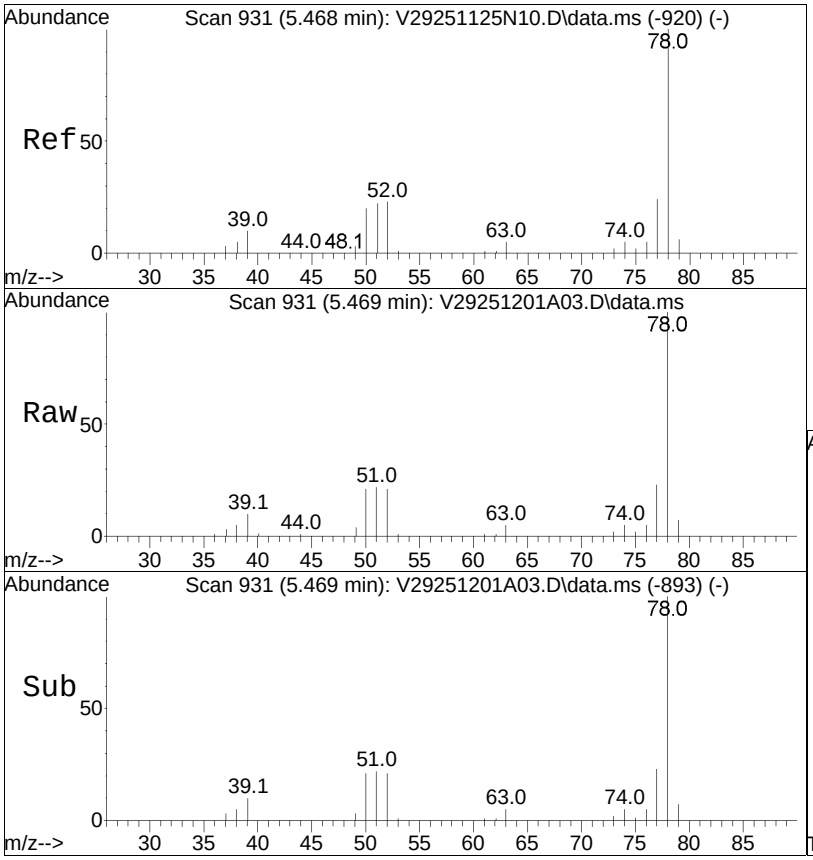


#40
1,1-Dichloropropene
Concen: 37.64 ug/L
RT: 5.180 min Scan# 876
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 75 Resp: 182302

Ion	Ratio	Lower	Upper
75	100		
110	33.3	20.2	41.9
77	31.3	20.1	41.7

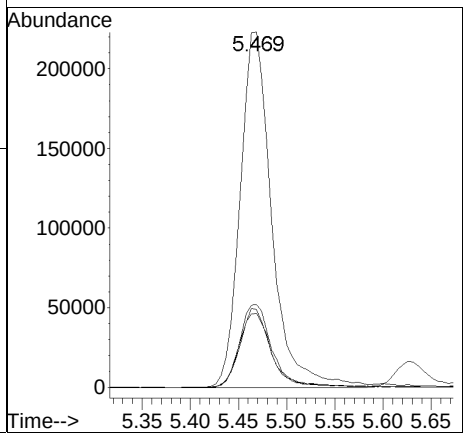


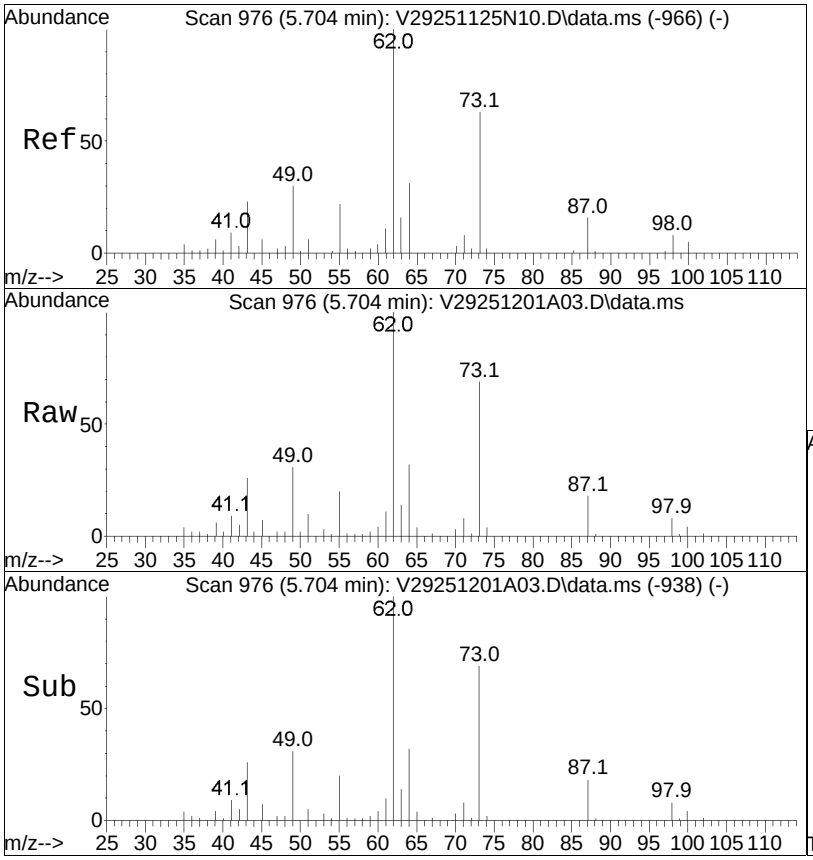


#41
Benzene
Concen: 35.12 ug/L
RT: 5.469 min Scan# 931
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 78 Resp: 510854

Ion	Ratio	Lower	Upper
78	100		
77	24.0	15.7	32.7
51	22.0	16.0	33.2
52	21.5	15.3	31.9

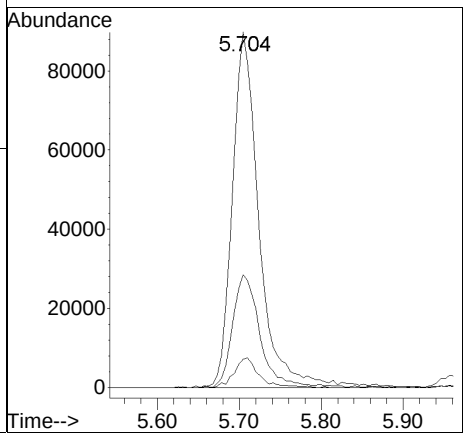


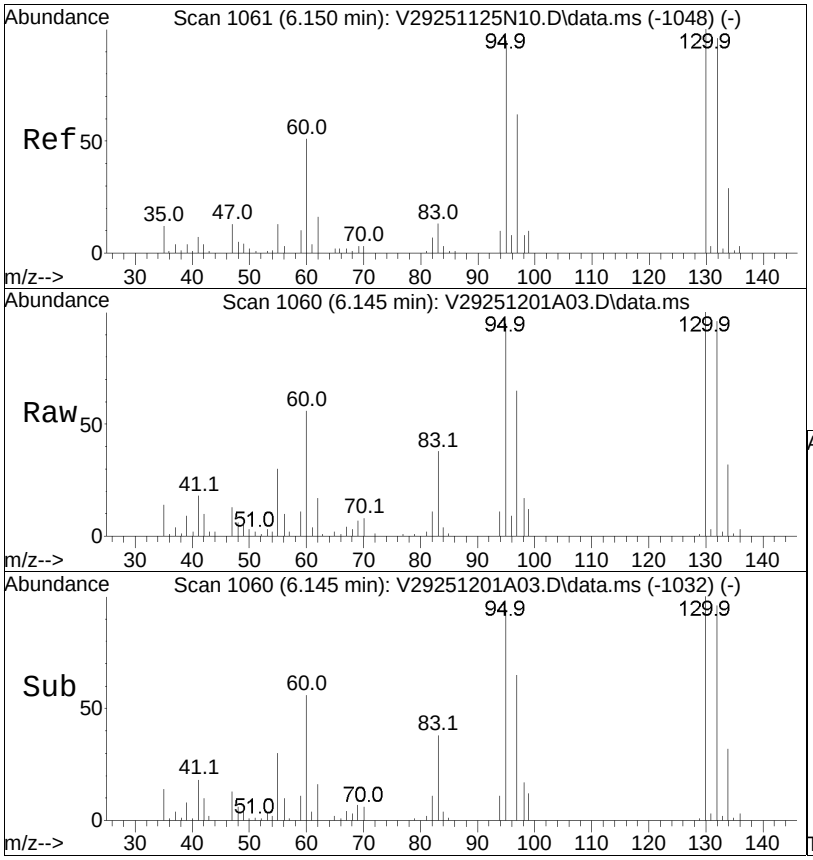


#44
1,2-Dichloroethane
Concen: 35.78 ug/L
RT: 5.704 min Scan# 976
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 62 Resp: 202918

Ion	Ratio	Lower	Upper
62	100		
64	32.3	11.2	51.2
98	7.7	0.0	26.1

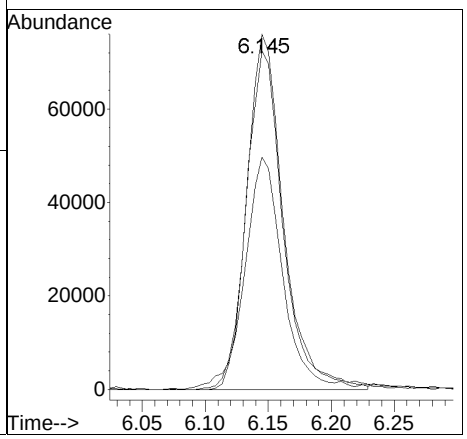


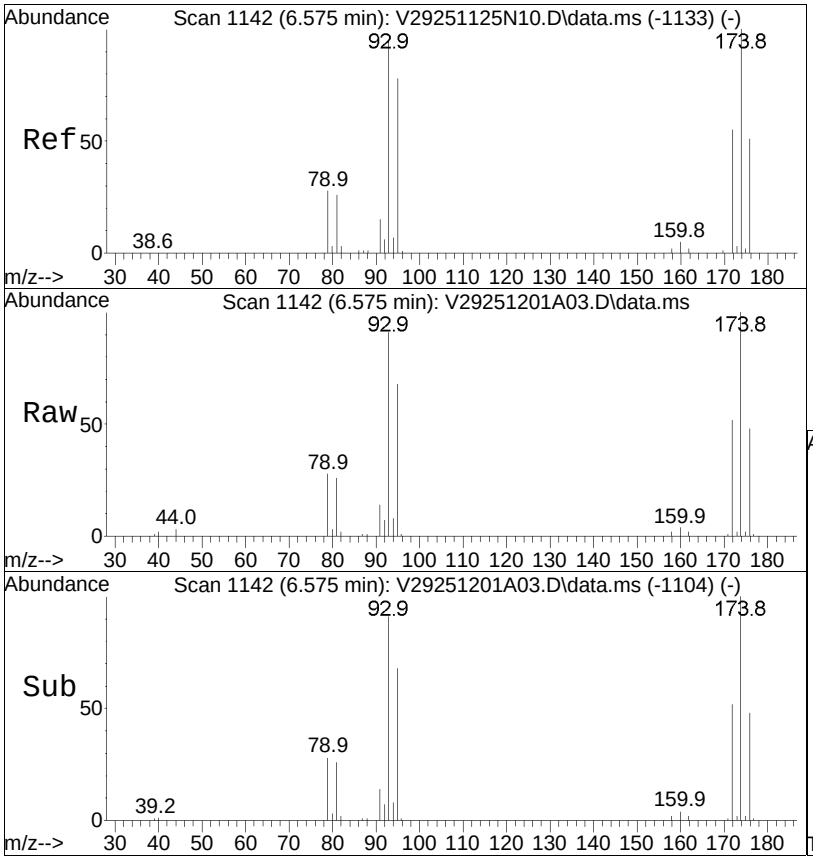


#48
Trichloroethene
Concen: 35.07 ug/L
RT: 6.145 min Scan# 1060
Delta R.T. -0.005 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 95 Resp: 147586

Ion	Ratio	Lower	Upper
95	100		
97	70.6	55.5	83.3
130	105.0	76.6	115.0

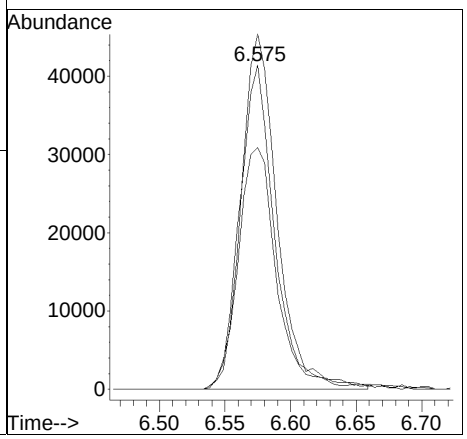


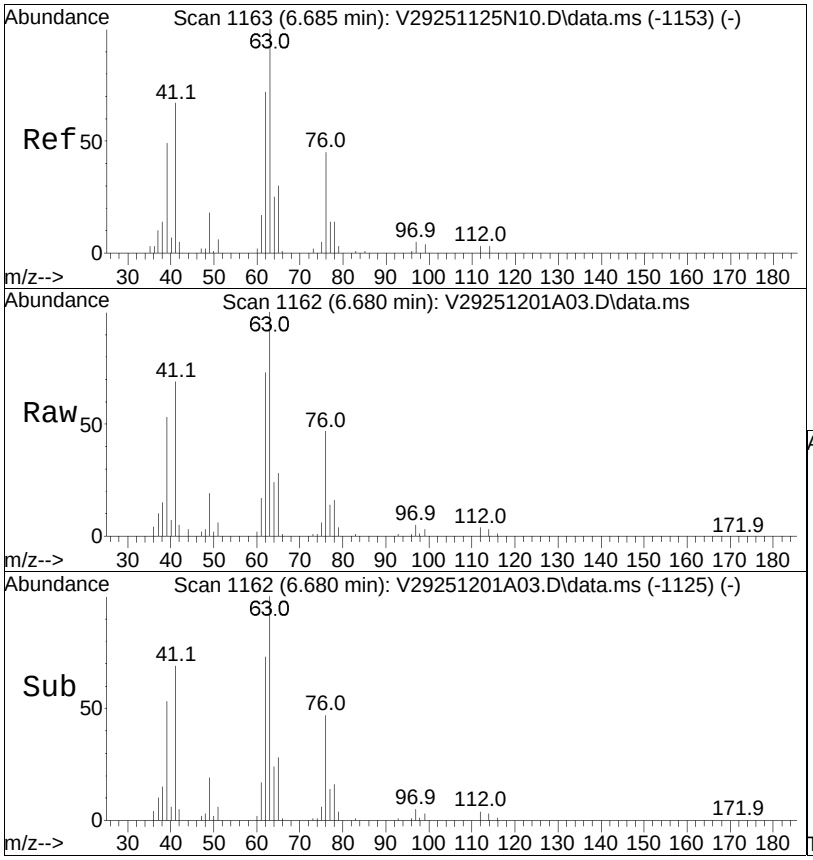


#50
Dibromomethane
Concen: 35.85 ug/L
RT: 6.575 min Scan# 1142
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 93 Resp: 77432

Ion	Ratio	Lower	Upper
93	100		
95	80.6	67.0	100.4
174	113.2	75.0	112.4#

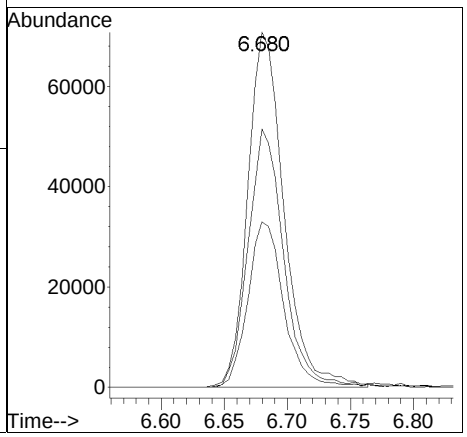


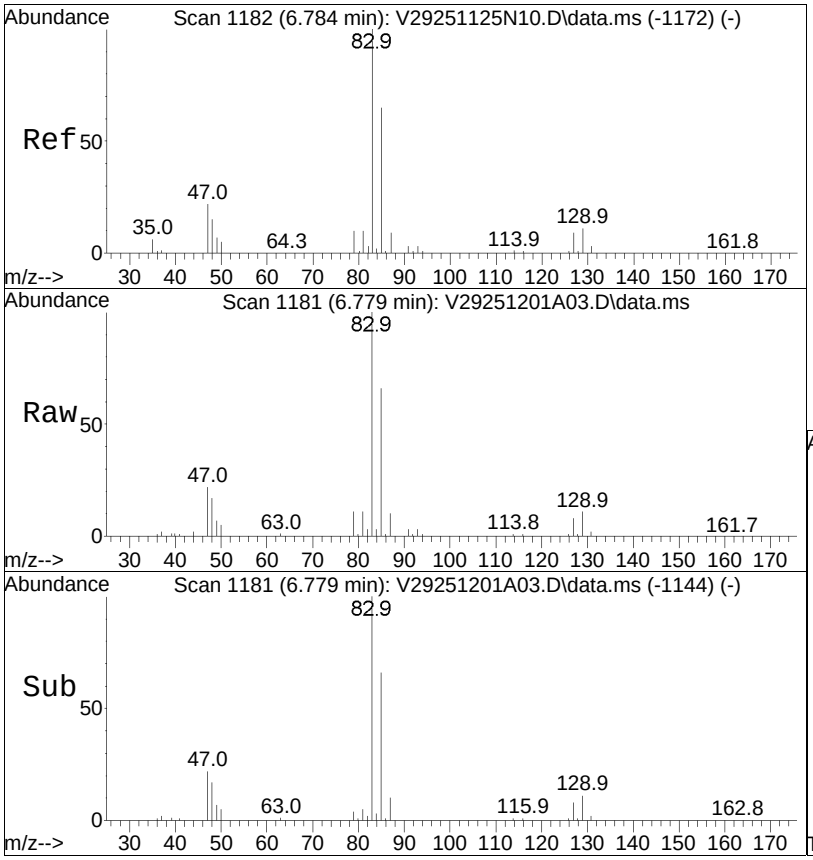


#51
1,2-Dichloropropane
Concen: 34.07 ug/L
RT: 6.680 min Scan# 1162
Delta R.T. -0.005 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 63 Resp: 141929

Ion	Ratio	Lower	Upper
63	100		
62	71.7	58.6	87.8
76	46.6	38.0	57.0

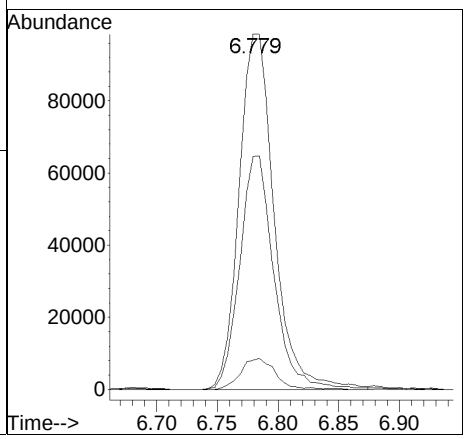


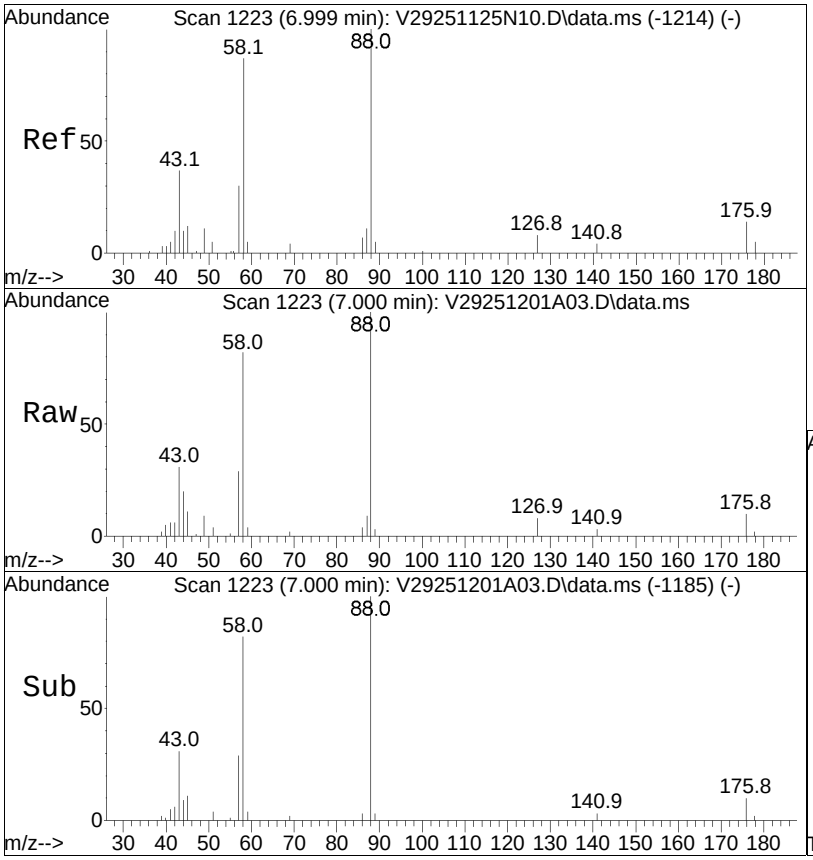


#54
Bromodichloromethane
Concen: 35.89 ug/L
RT: 6.779 min Scan# 1181
Delta R.T. -0.005 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 83 Resp: 198084

Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.3	78.5
127	8.6	6.2	9.4

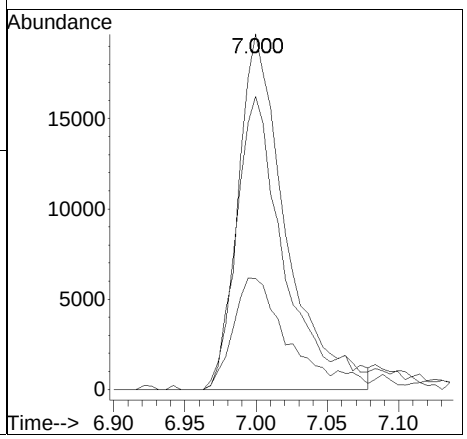


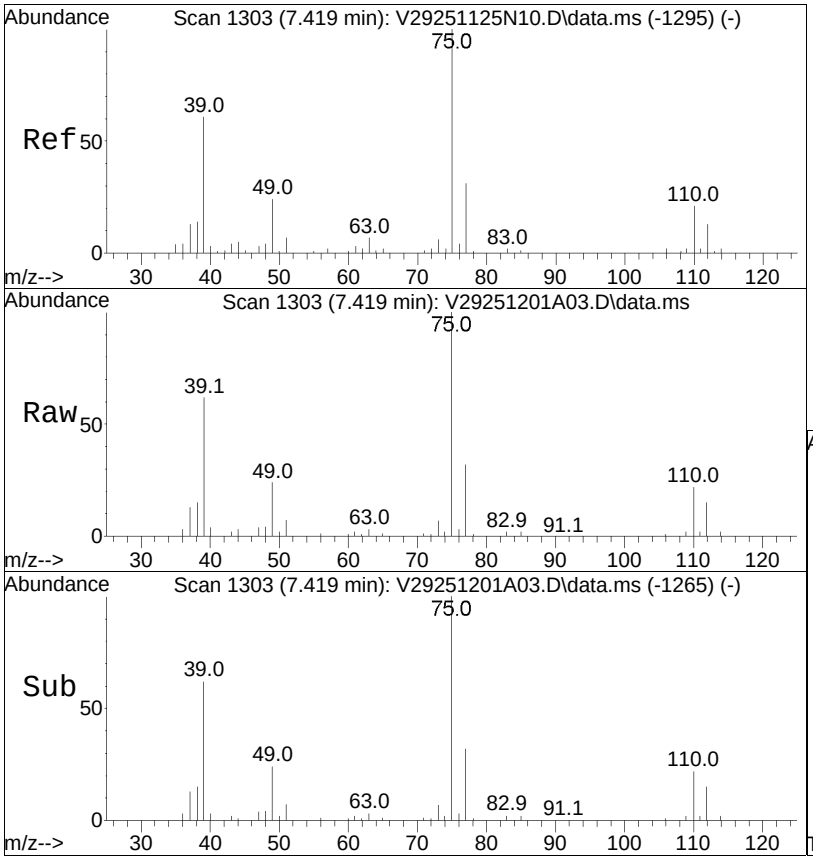


#57
1,4-Dioxane
Concen: 2060.14 ug/L
RT: 7.000 min Scan# 1223
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 88 Resp: 45876

Ion	Ratio	Lower	Upper
88	100		
58	78.7	76.7	115.1
43	34.2	36.2	54.2#

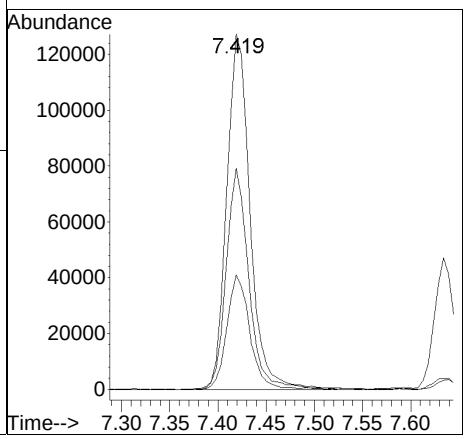


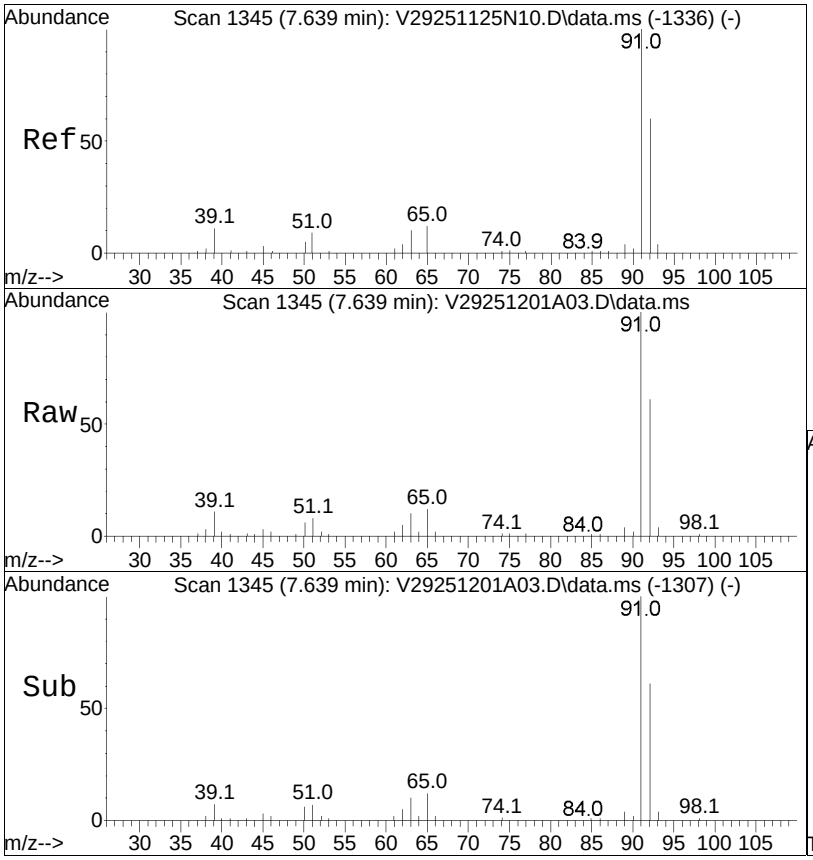


#58
cis-1,3-Dichloropropene
Concen: 37.54 ug/L
RT: 7.419 min Scan# 1303
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 75 Resp: 214538

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.4
39	60.6	50.1	75.1

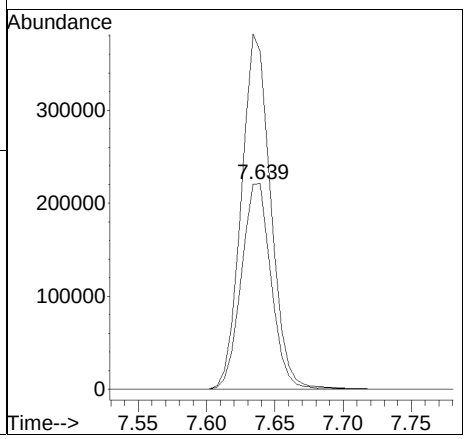


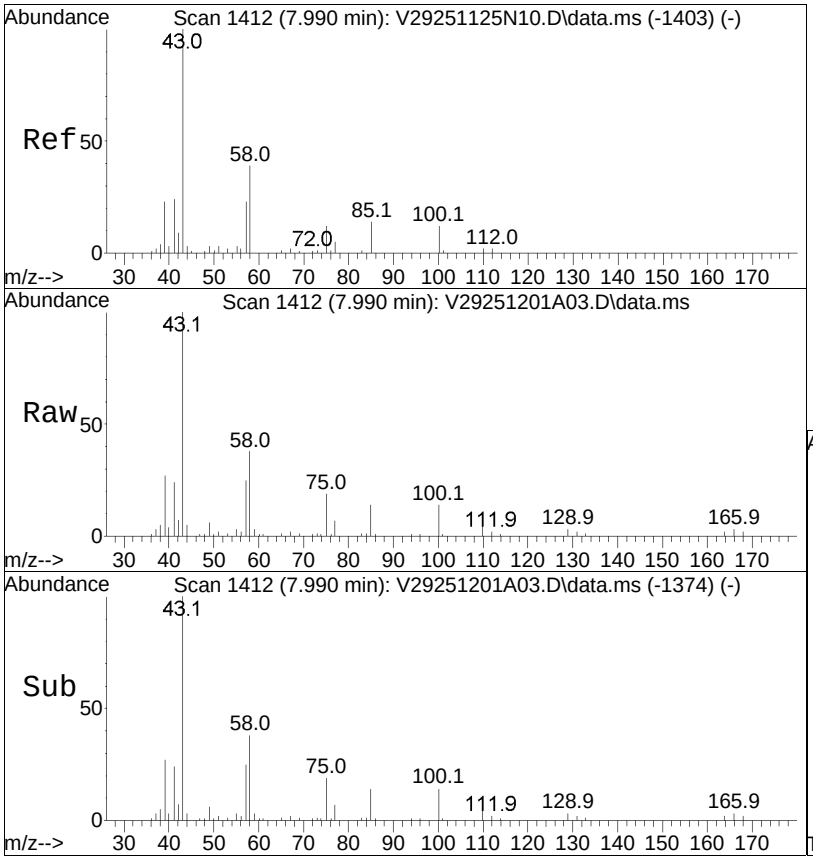


#61
Toluene
Concen: 34.49 ug/L
RT: 7.639 min Scan# 1345
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 92 Resp: 337154

Ion	Ratio	Lower	Upper
92	100		
91	169.5	139.8	209.6

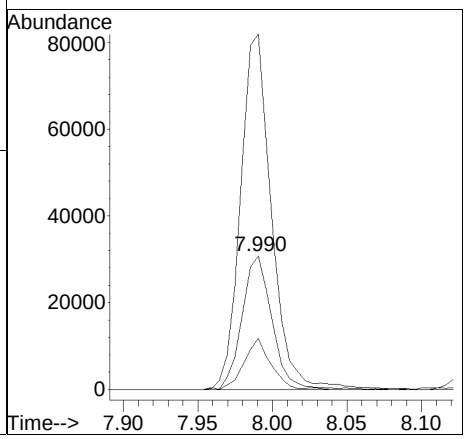


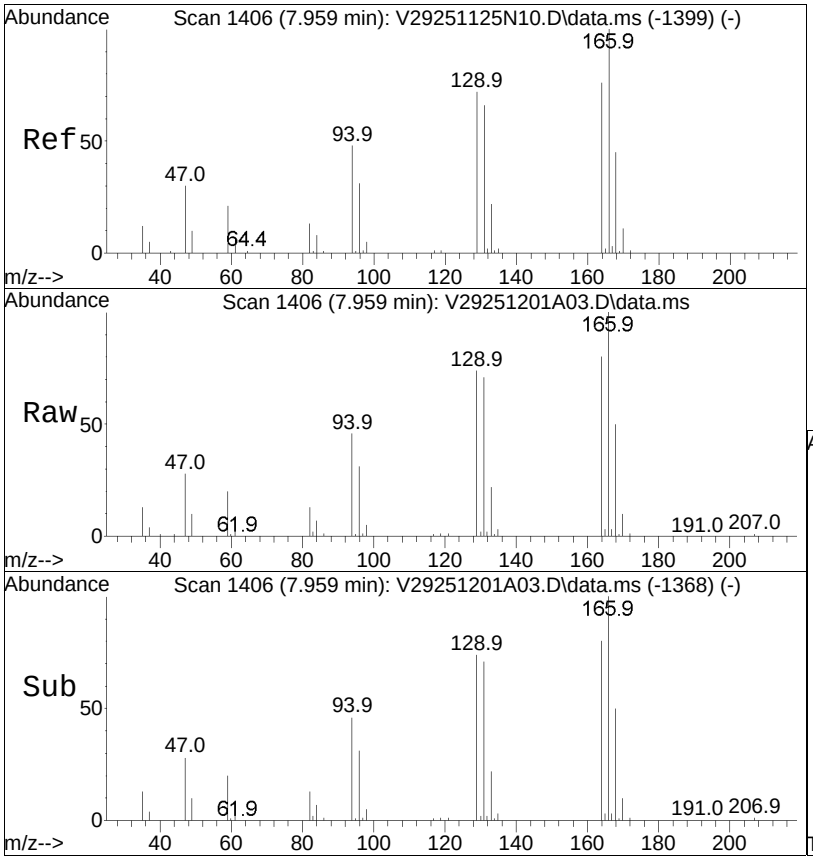


#62
4-Methyl-2-pentanone
Concen: 39.29 ug/L
RT: 7.990 min Scan# 1412
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 58 Resp: 43095

Ion	Ratio	Lower	Upper
58	100		
100	34.0	20.2	30.2#
43	274.7	196.6	295.0

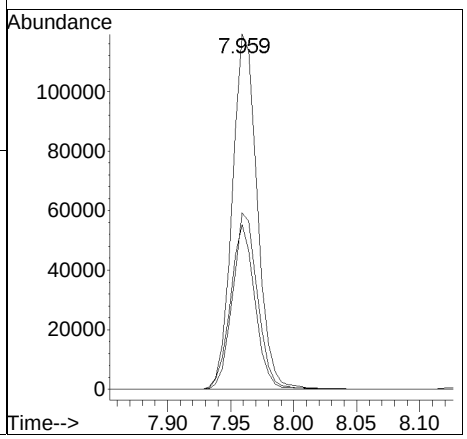


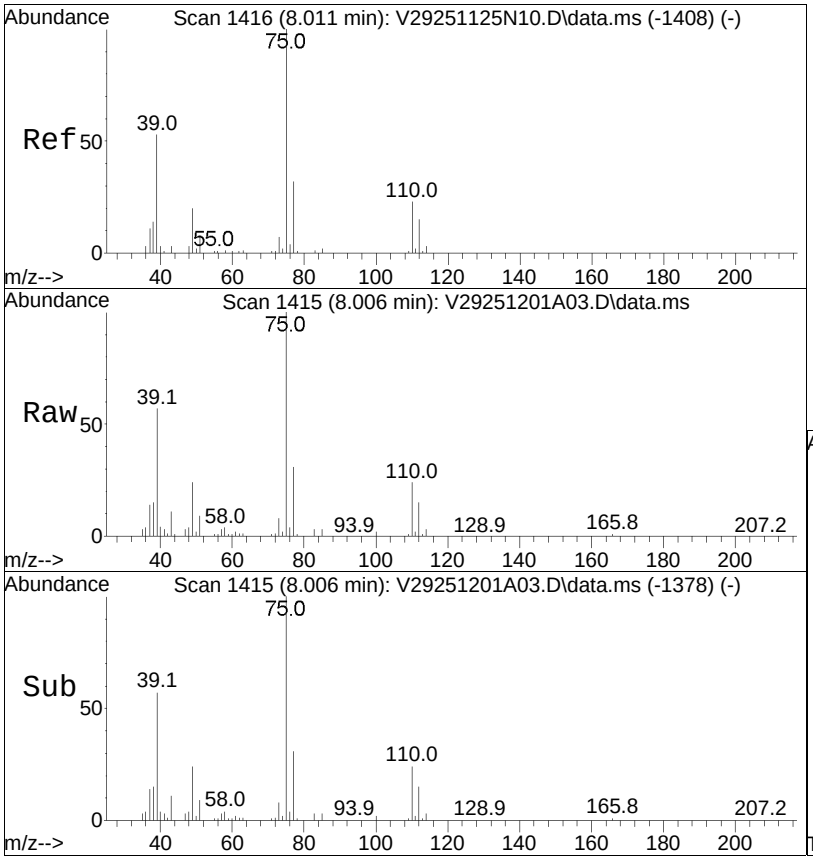


#63
Tetrachloroethene
Concen: 37.22 ug/L
RT: 7.959 min Scan# 1406
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:166 Resp: 164621

Ion	Ratio	Lower	Upper
166	100		
168	49.4	28.2	68.2
94	45.5	38.4	78.4

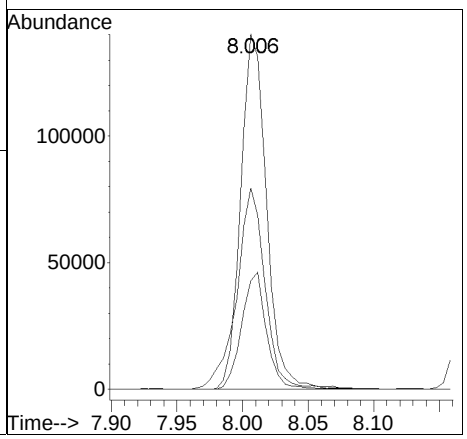


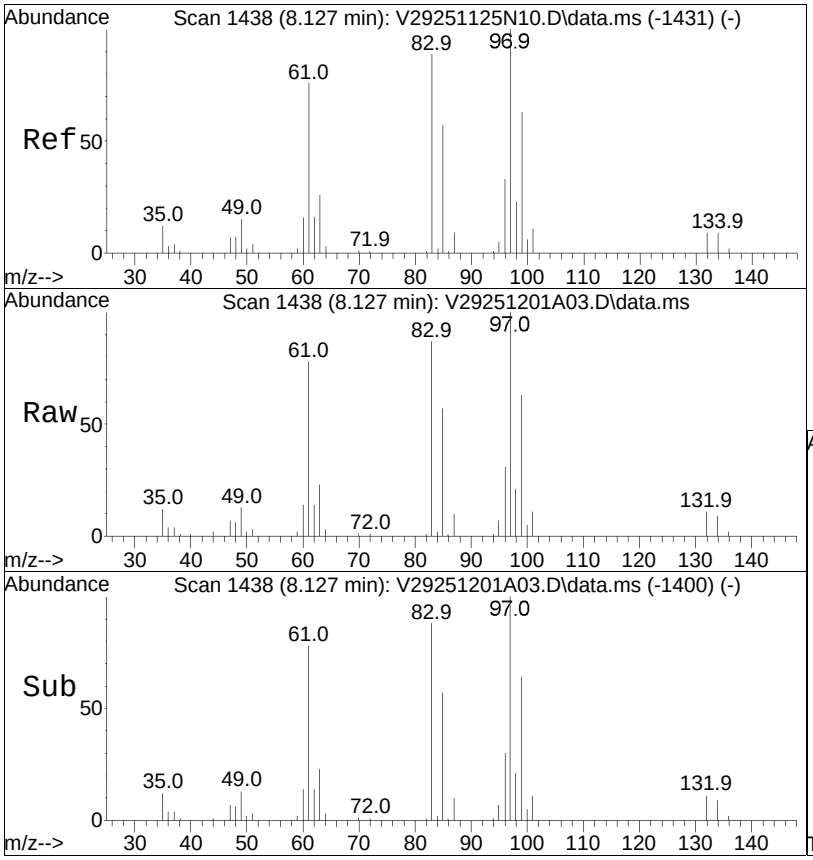


#65
trans-1,3-Dichloropropene
Concen: 37.19 ug/L
RT: 8.006 min Scan# 1415
Delta R.T. -0.005 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 75 Resp: 193008

Ion	Ratio	Lower	Upper
75	100		
77	31.9	12.4	52.4
39	62.6	42.8	82.8

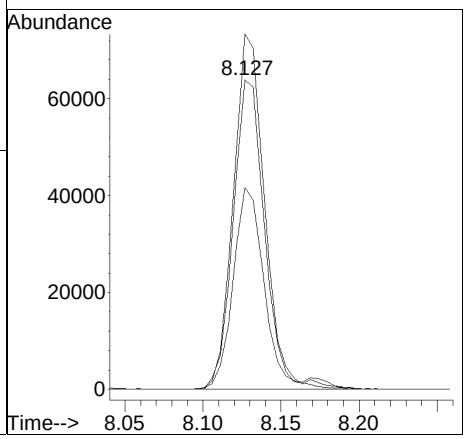


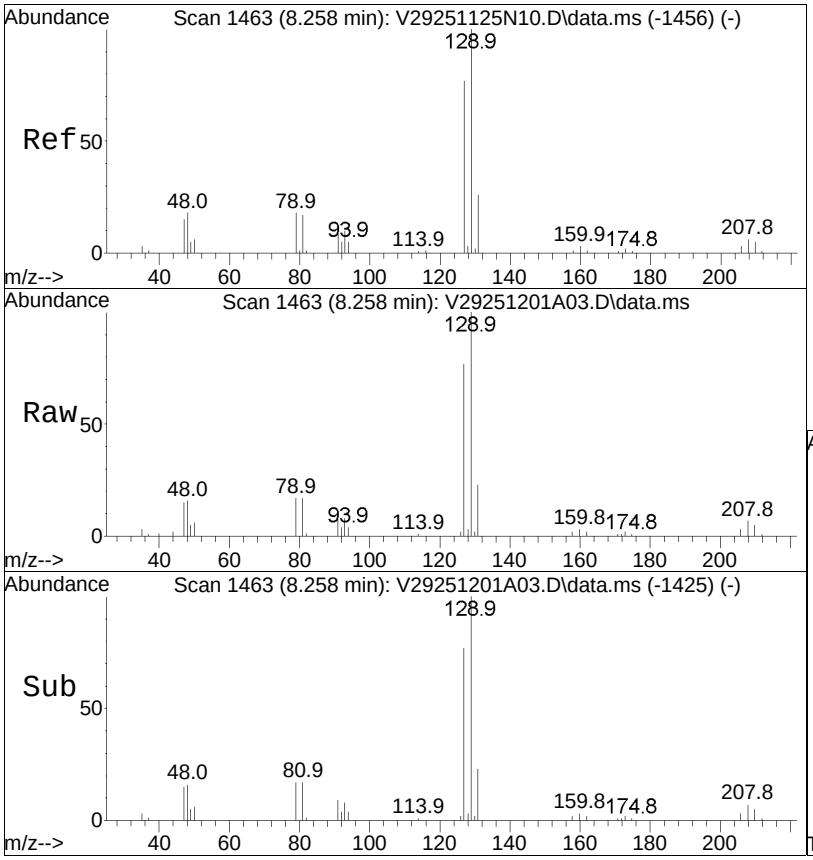


#68
1,1,2-Trichloroethane
Concen: 36.08 ug/L
RT: 8.127 min Scan# 1438
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 83 Resp: 89476

Ion	Ratio	Lower	Upper
83	100		
97	114.9	89.8	129.8
85	64.1	44.4	84.4

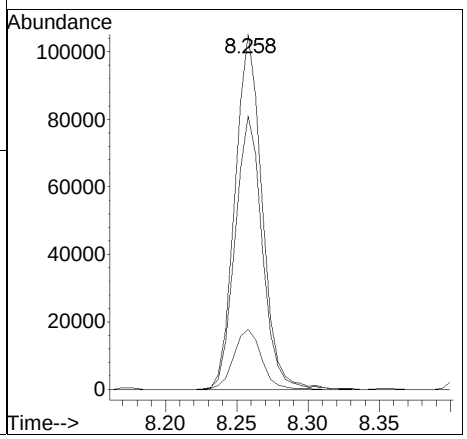


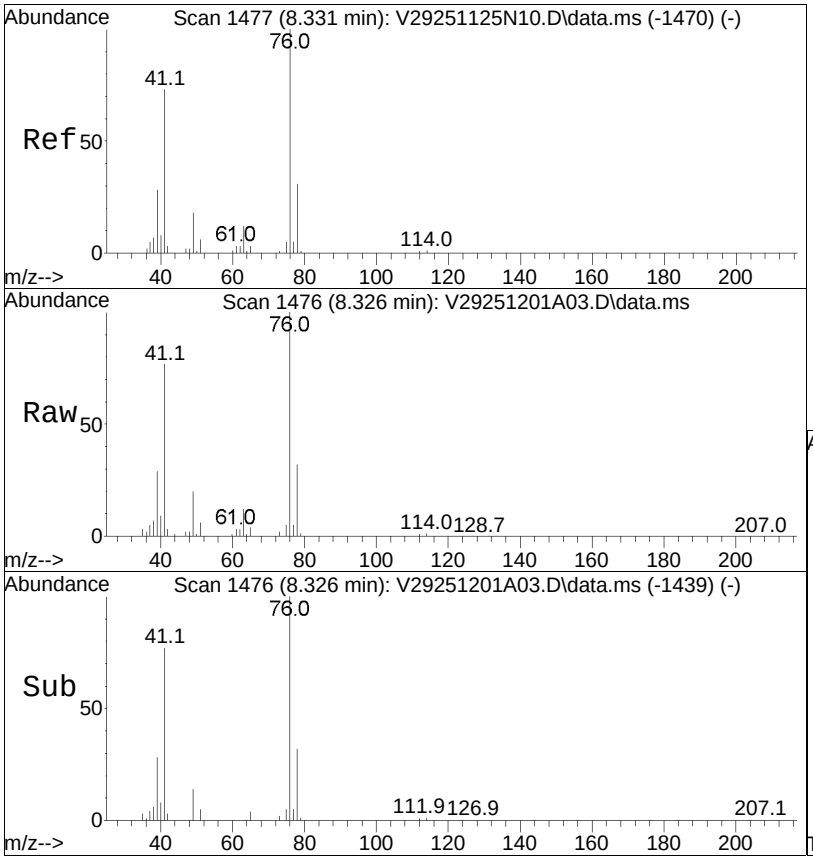


#69
Chlorodibromomethane
Concen: 36.16 ug/L
RT: 8.258 min Scan# 1463
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:129 Resp: 139176

Ion	Ratio	Lower	Upper
129	100		
81	17.3	2.9	42.9
127	77.7	57.8	97.8

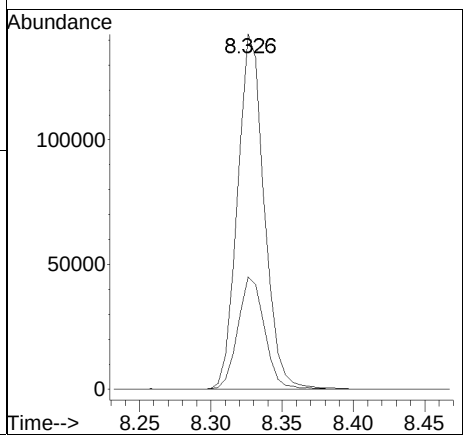


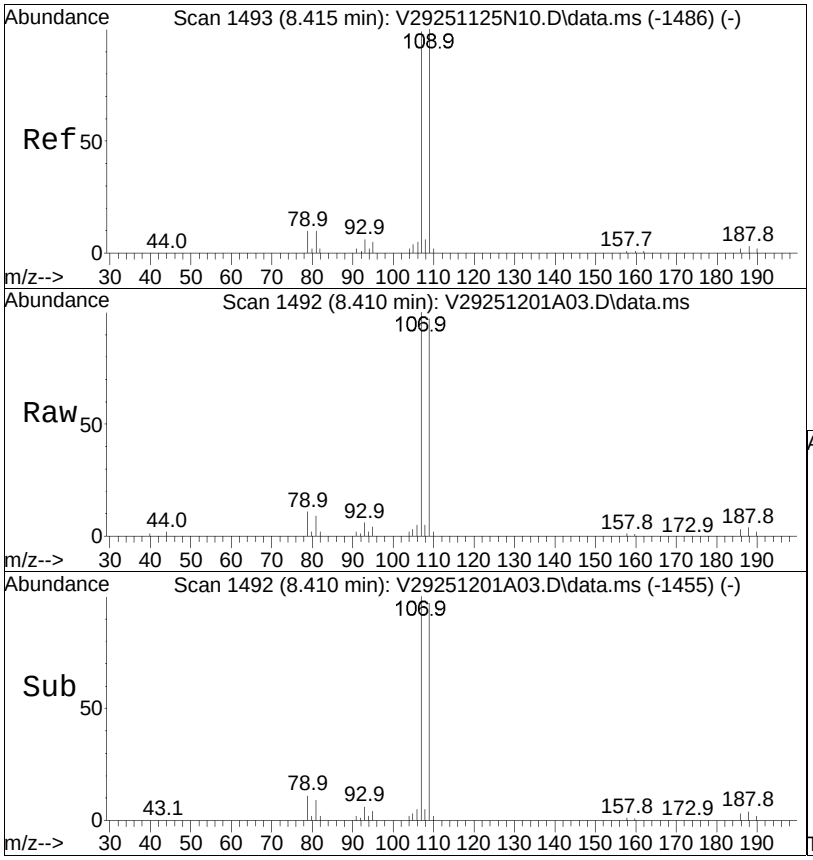


#70
1,3-Dichloropropane
Concen: 35.83 ug/L
RT: 8.326 min Scan# 1476
Delta R.T. -0.005 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 76 Resp: 185617

Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.5	38.3

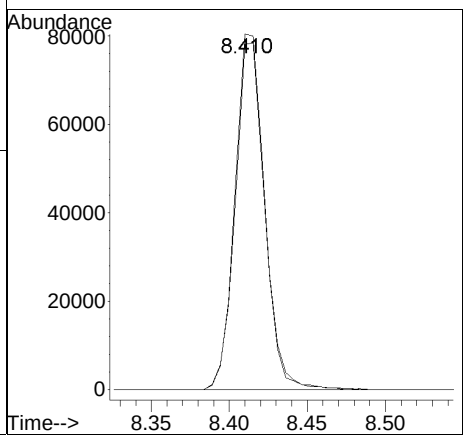


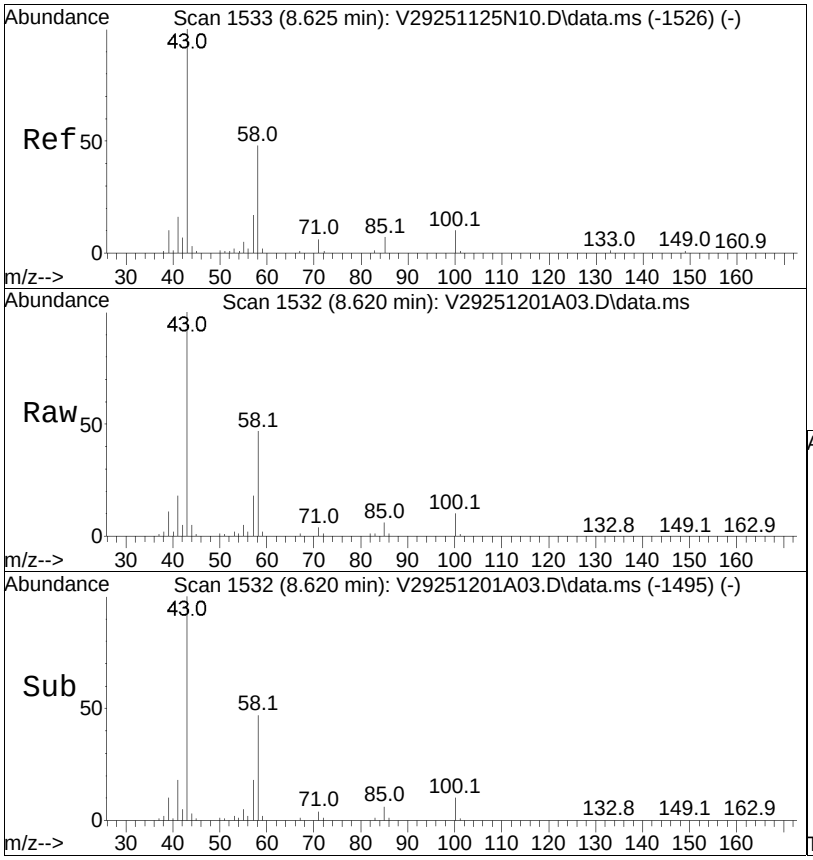


#71
1,2-Dibromoethane
Concen: 37.71 ug/L
RT: 8.410 min Scan# 1492
Delta R.T. -0.005 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:107 Resp: 106460

Ion	Ratio	Lower	Upper
107	100		
109	96.1	74.3	111.5

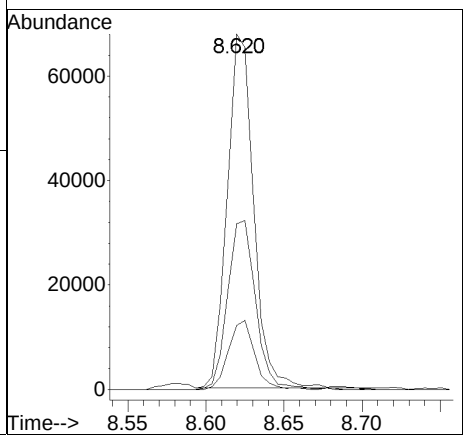


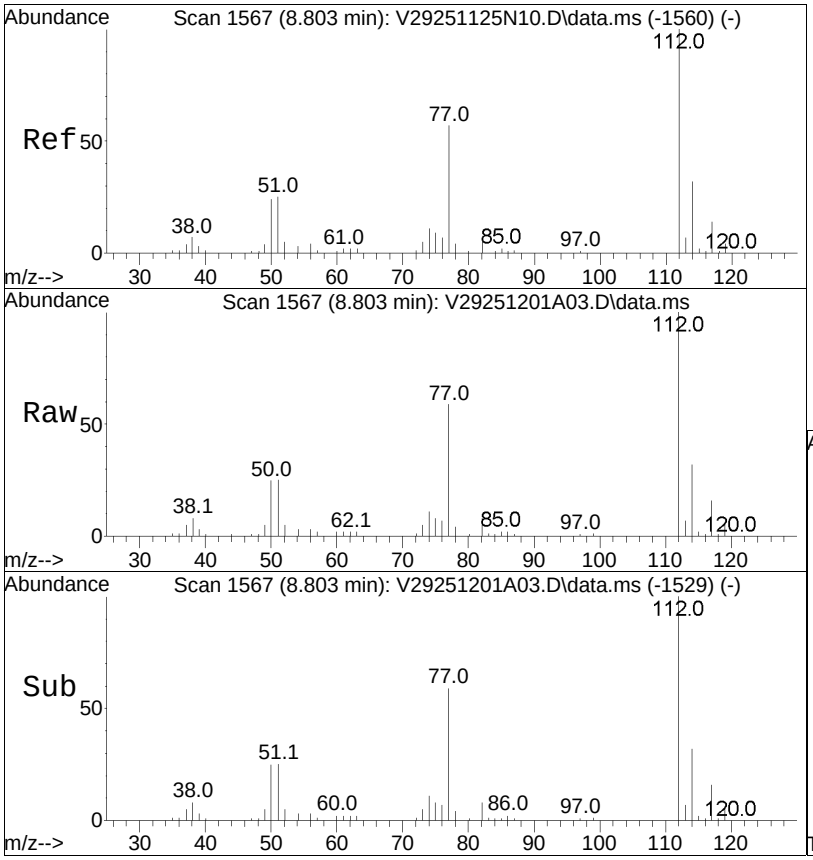


#72
2-Hexanone
Concen: 37.61 ug/L
RT: 8.620 min Scan# 1532
Delta R.T. -0.005 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 43 Resp: 80353

Ion	Ratio	Lower	Upper
43	100		
58	50.4	41.2	61.8
57	19.2	17.2	25.8

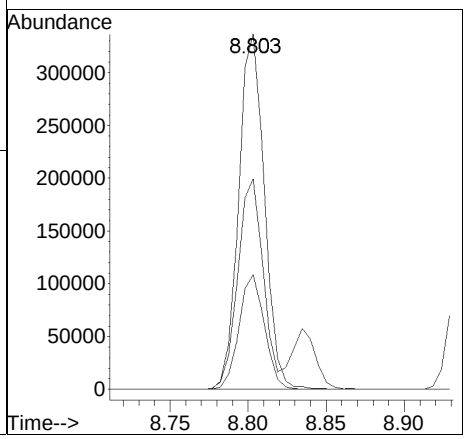


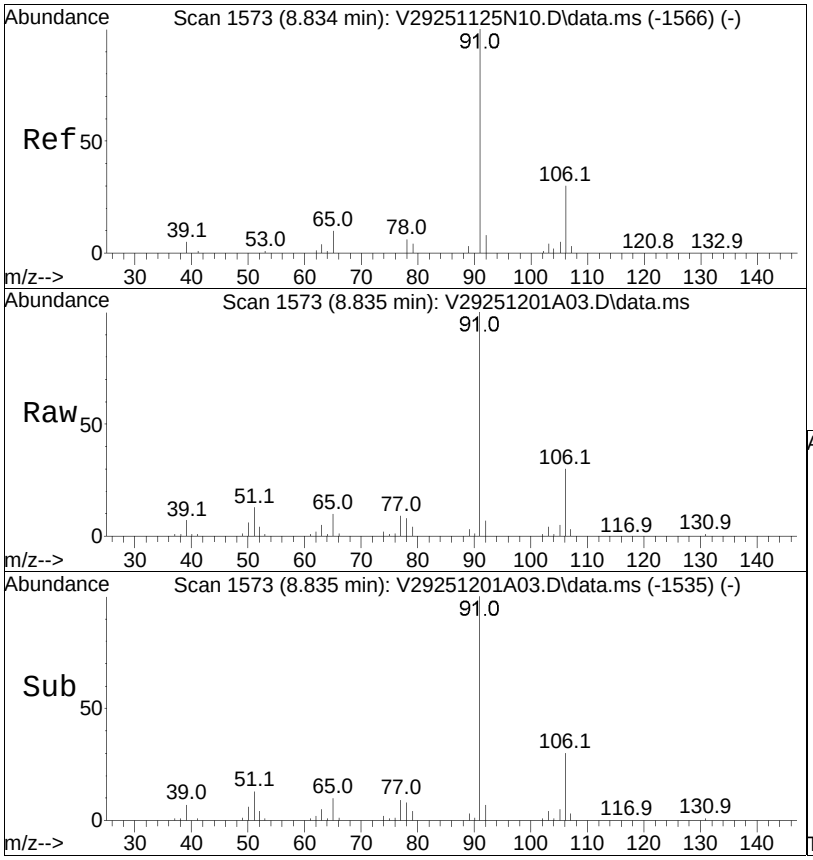


#73
Chlorobenzene
Concen: 35.54 ug/L
RT: 8.803 min Scan# 1567
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:112 Resp: 385094

Ion	Ratio	Lower	Upper
112	100		
77	58.8	55.4	83.0
114	32.1	25.4	38.2

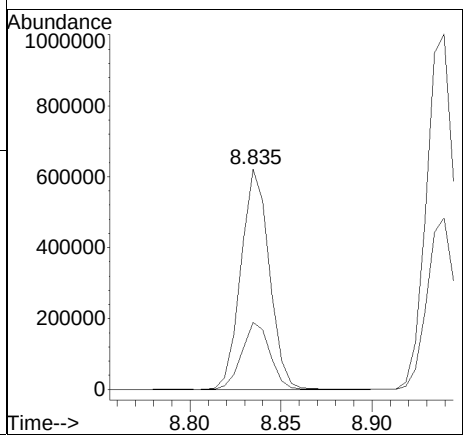


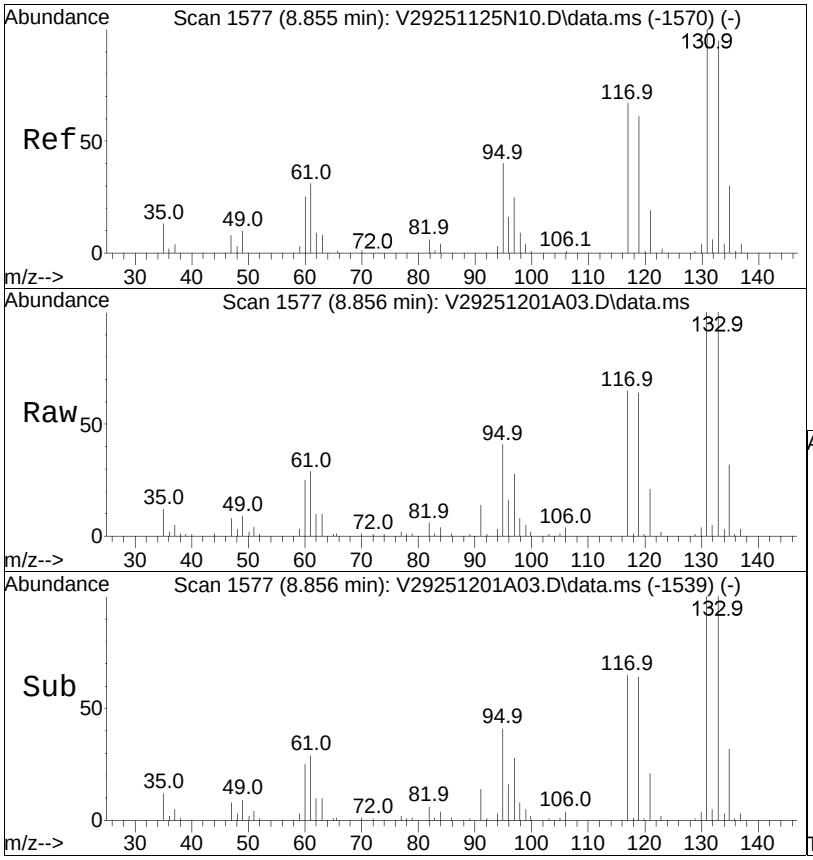


#74
Ethylbenzene
Concen: 37.13 ug/L
RT: 8.835 min Scan# 1573
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 91 Resp: 673792

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.3	36.5

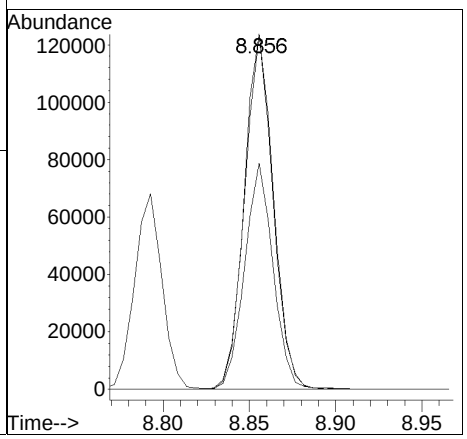


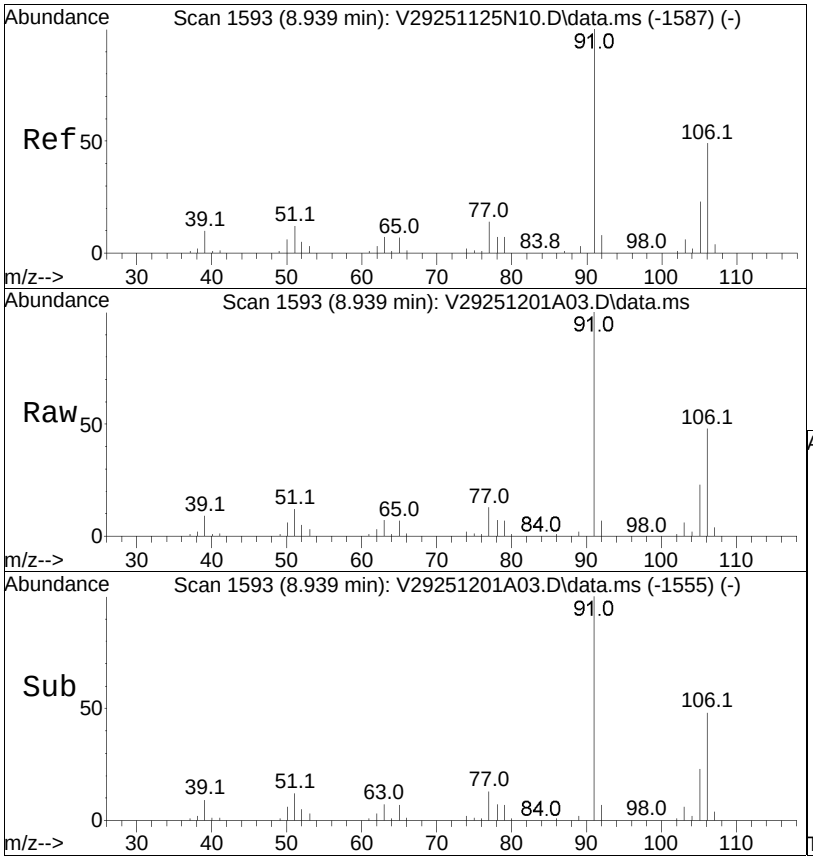


#75
1,1,1,2-Tetrachloroethane
Concen: 36.07 ug/L
RT: 8.856 min Scan# 1577
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:131 Resp: 145890

Ion	Ratio	Lower	Upper
131	100		
133	96.7	81.0	121.0
119	62.1	41.3	81.3

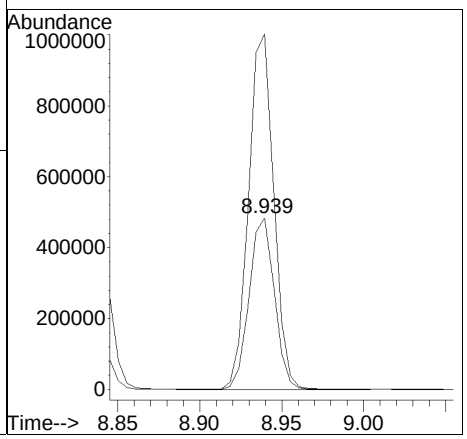


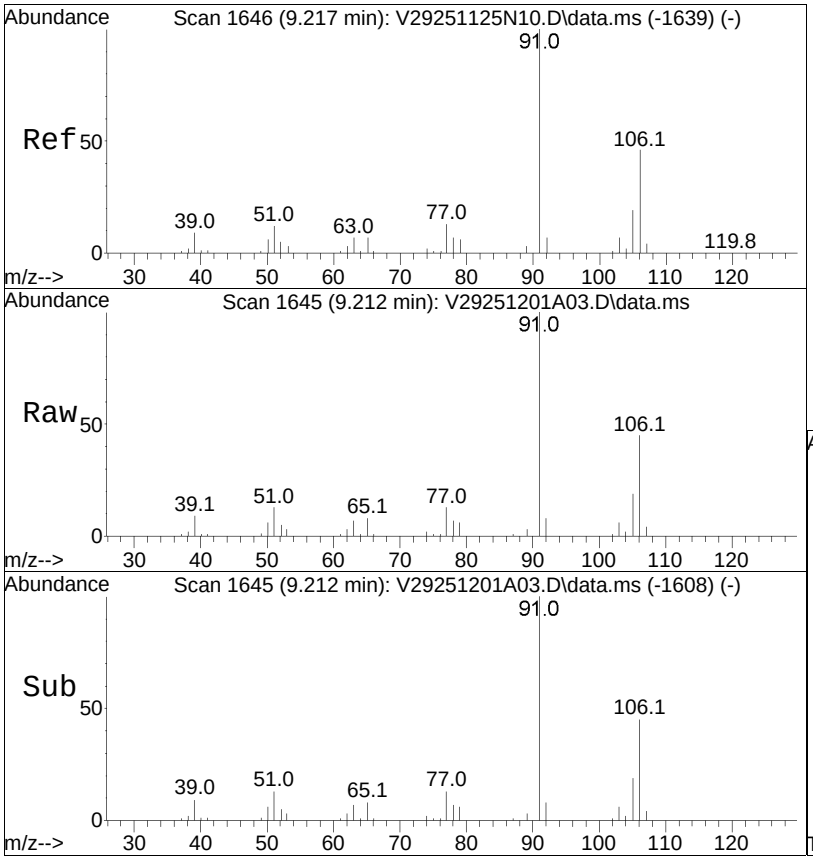


#76
p/m Xylene
Concen: 79.17 ug/L
RT: 8.939 min Scan# 1593
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:106 Resp: 518994

Ion	Ratio	Lower	Upper
106	100		
91	206.8	166.4	249.6

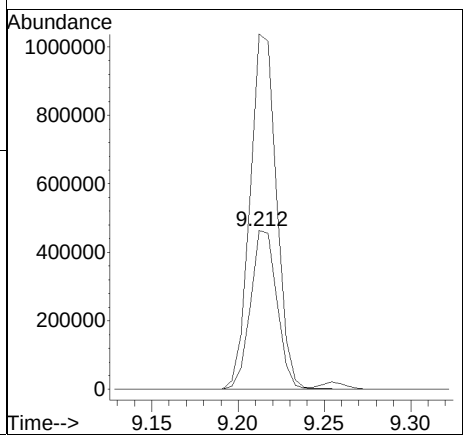


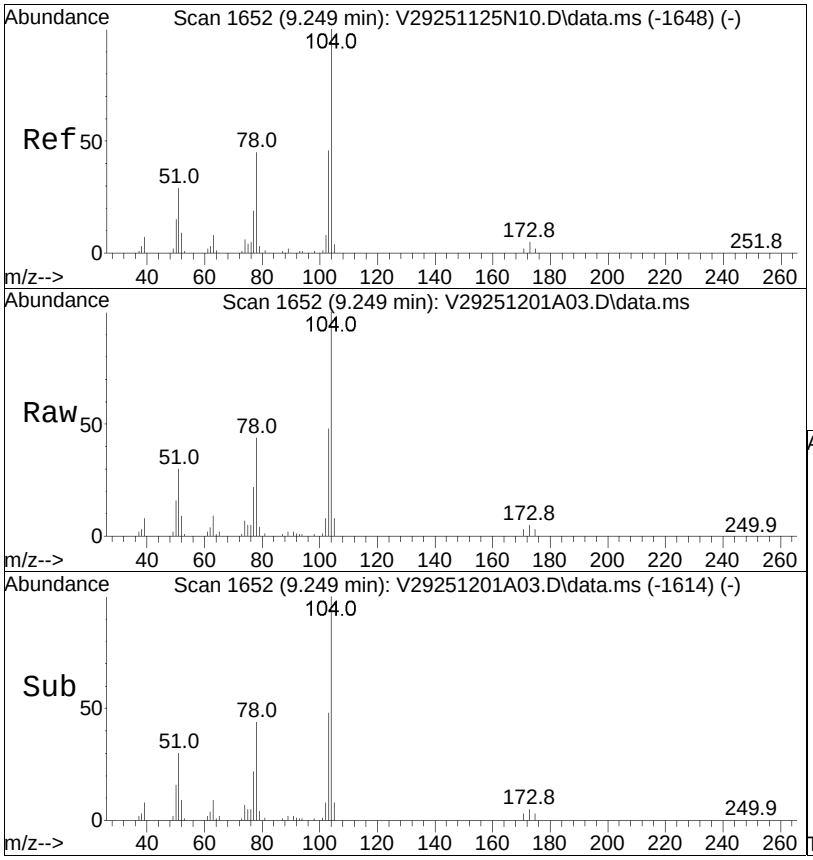


#77
o Xylene
Concen: 77.36 ug/L
RT: 9.212 min Scan# 1645
Delta R.T. -0.005 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:106 Resp: 497001

Ion	Ratio	Lower	Upper
106	100		
91	222.9	182.6	273.8

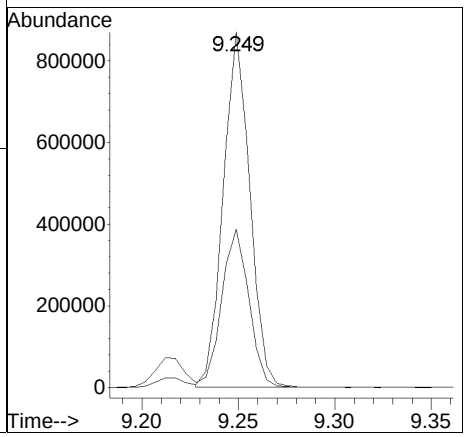


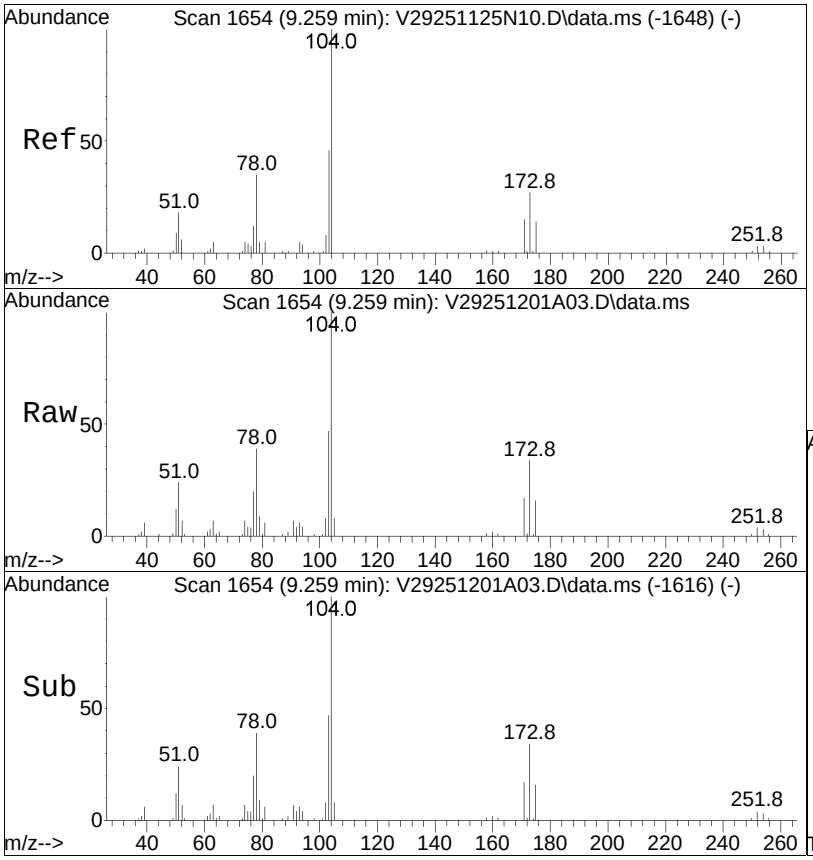


#78
Styrene
Concen: 77.98 ug/L
RT: 9.249 min Scan# 1652
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:104 Resp: 835301

Ion	Ratio	Lower	Upper
104	100		
78	45.6	39.8	59.6

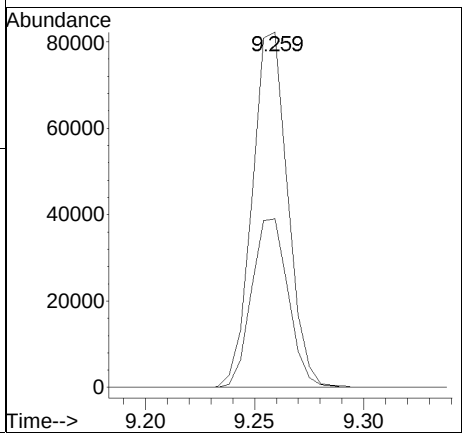


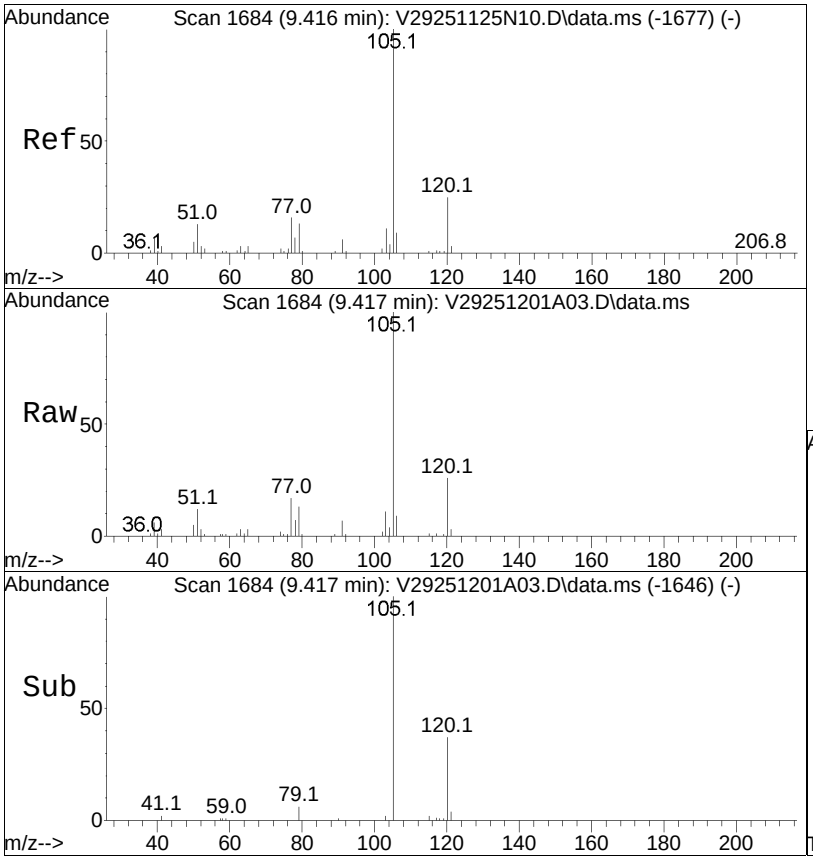


#80
Bromoform
Concen: 35.50 ug/L
RT: 9.259 min Scan# 1654
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:173 Resp: 93019

Ion	Ratio	Lower	Upper
173	100		
175	48.9	31.5	71.5

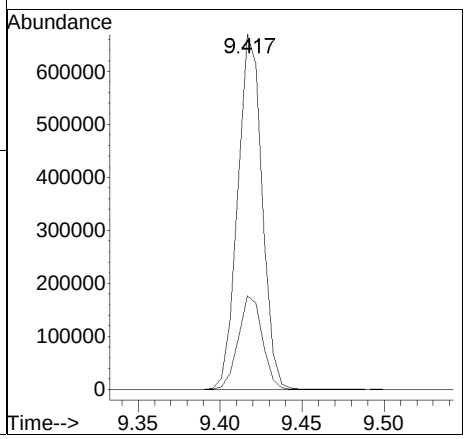


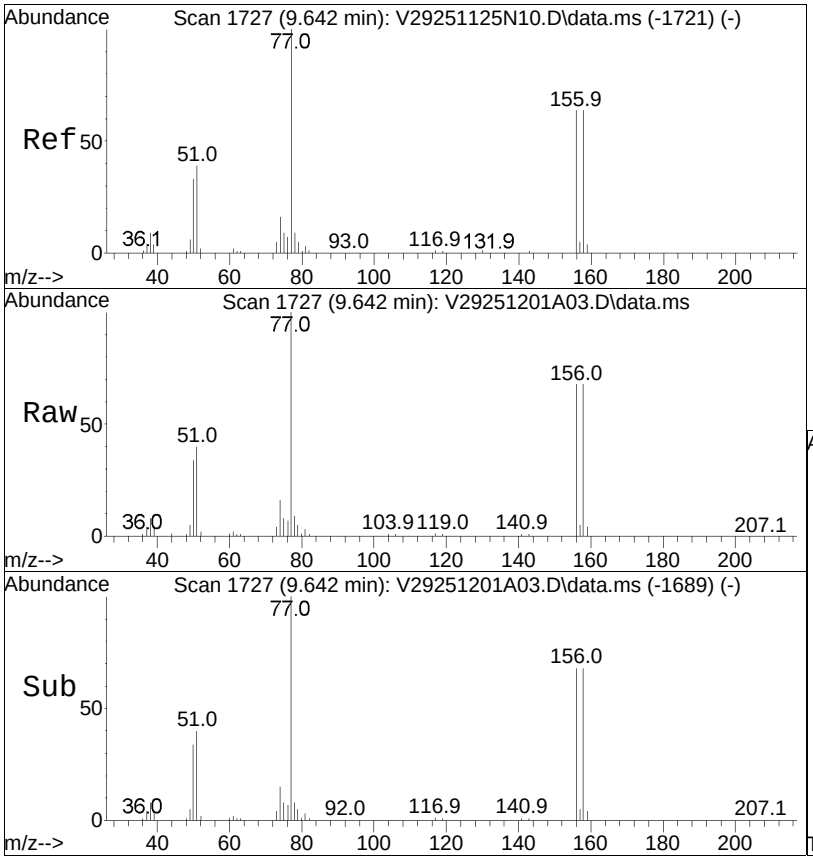


#82
Isopropylbenzene
Concen: 37.36 ug/L
RT: 9.417 min Scan# 1684
Delta R.T. 0.001 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:105 Resp: 693057

Ion	Ratio	Lower	Upper
105	100		
120	26.0	4.8	44.8

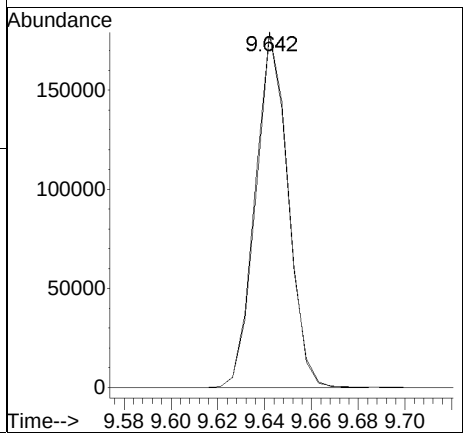


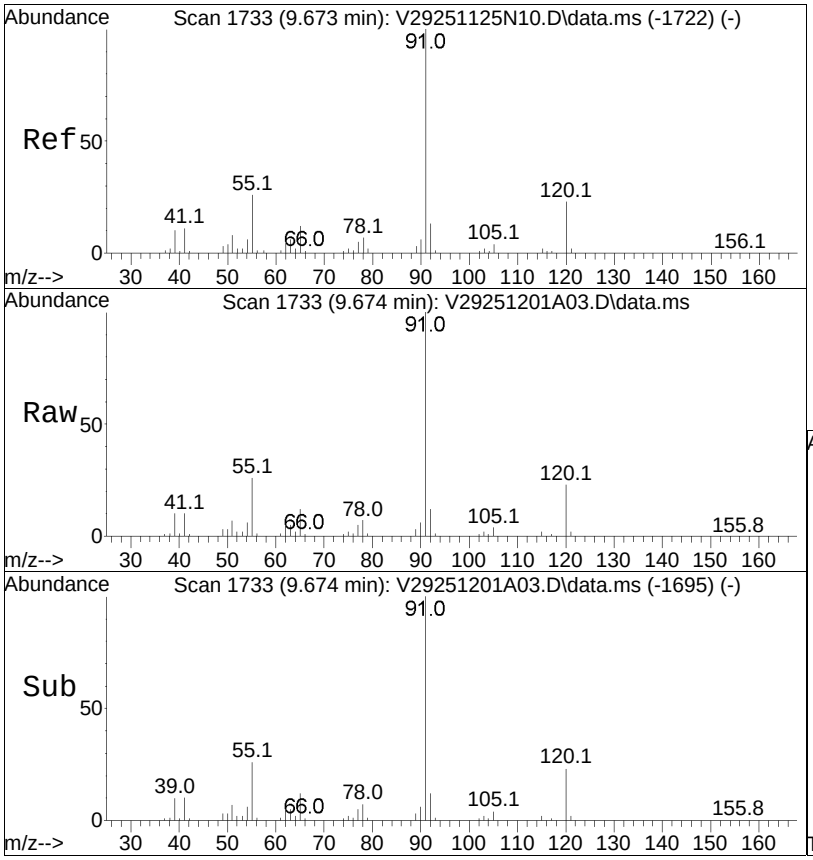


#84
Bromobenzene
Concen: 34.70 ug/L
RT: 9.642 min Scan# 1727
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:156 Resp: 175011

Ion	Ratio	Lower	Upper
156	100		
158	97.5	75.9	113.9

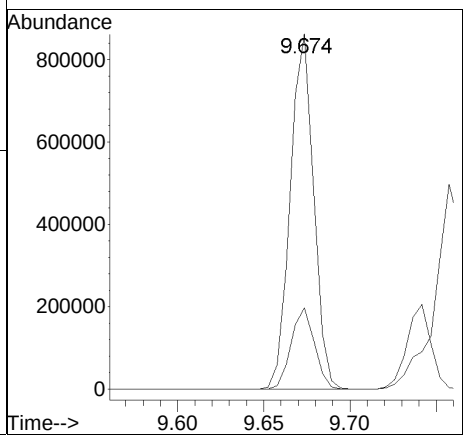


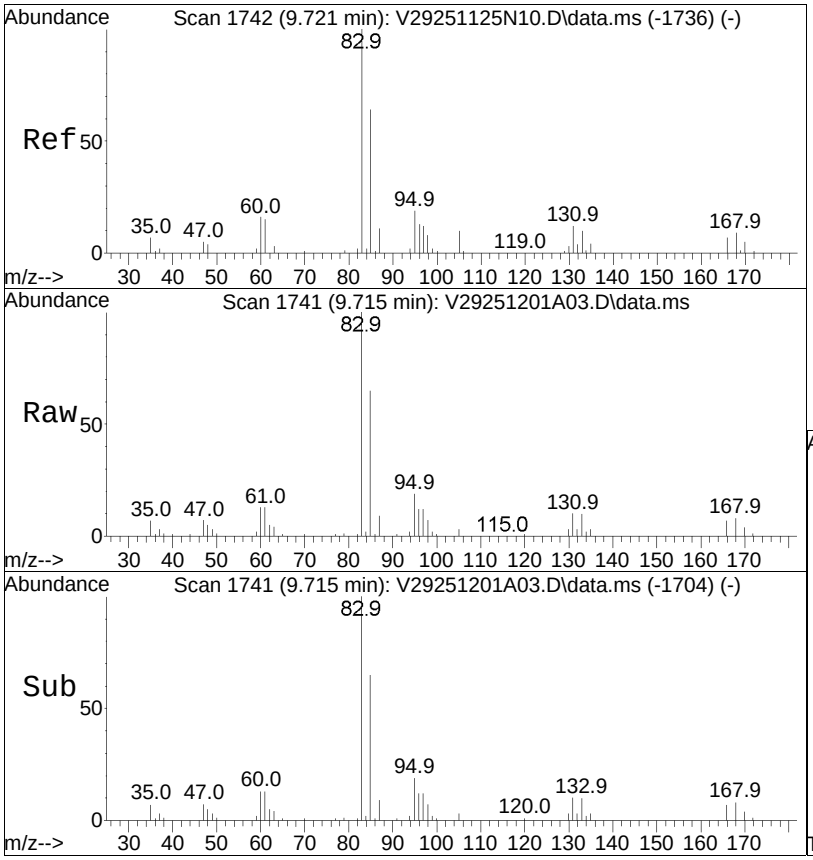


#85
n-Propylbenzene
Concen: 36.65 ug/L
RT: 9.674 min Scan# 1733
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 91 Resp: 816917

Ion	Ratio	Lower	Upper
91	100		
120	22.9	17.0	25.6

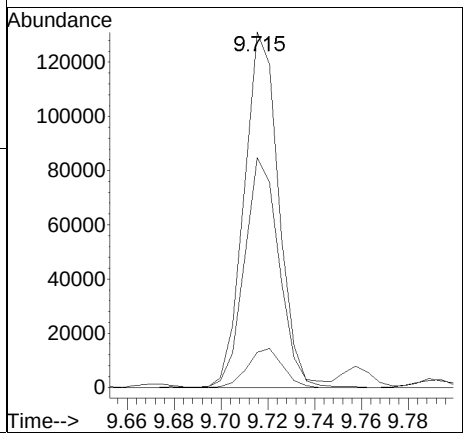


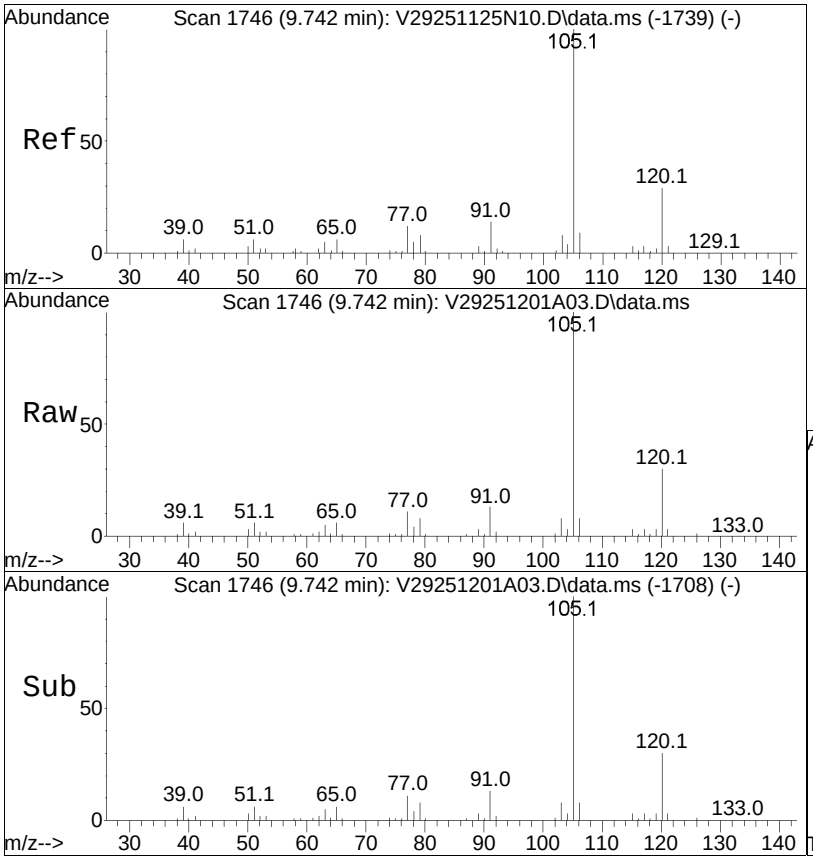


#87
1,1,2,2-Tetrachloroethane
Concen: 35.53 ug/L
RT: 9.715 min Scan# 1741
Delta R.T. -0.005 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 83 Resp: 134180

Ion	Ratio	Lower	Upper
83	100		
131	11.1	0.0	30.4
85	65.5	45.4	85.4

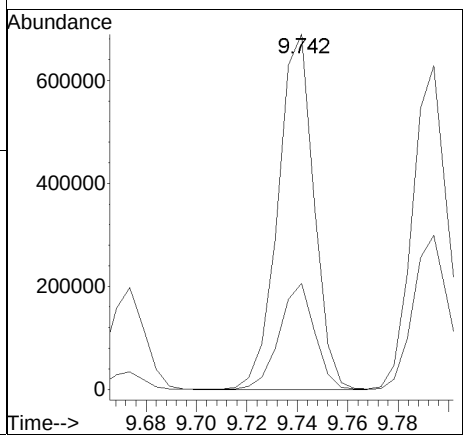


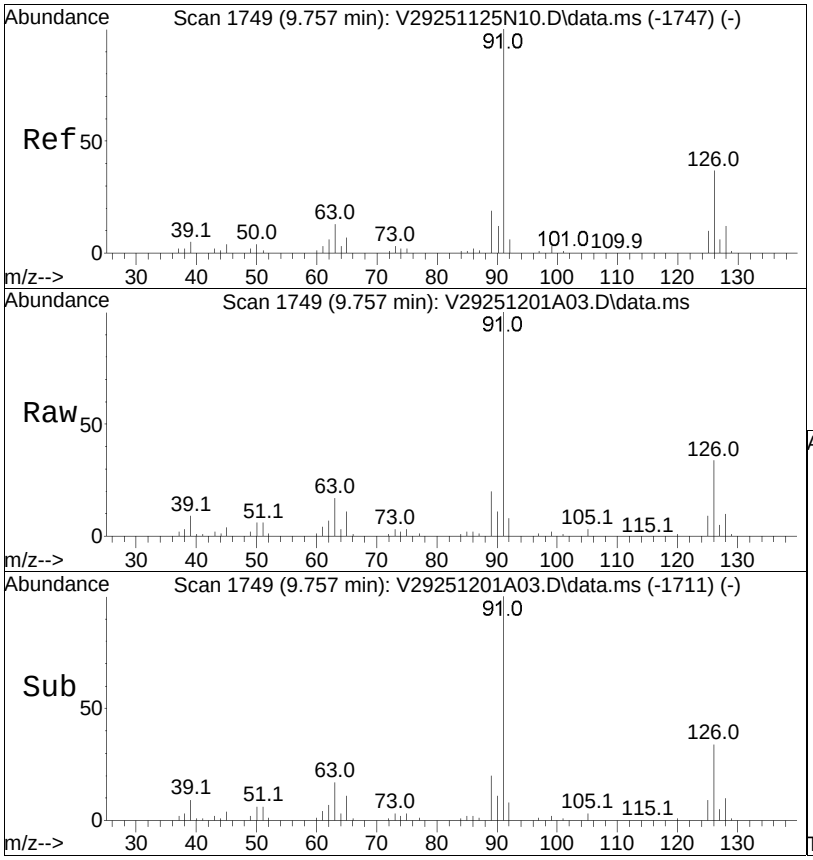


#88
4-Ethyltoluene
Concen: 37.63 ug/L
RT: 9.742 min Scan# 1746
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:105 Resp: 685147

Ion	Ratio	Lower	Upper
105	100		
120	29.2	18.1	37.7

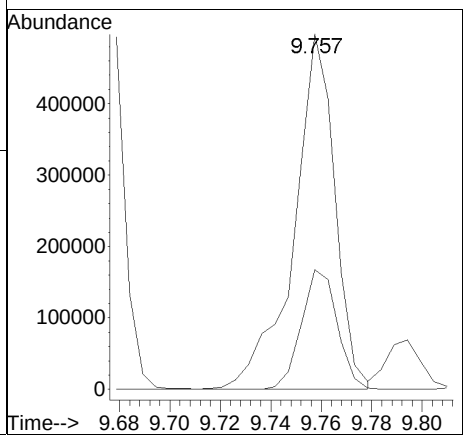


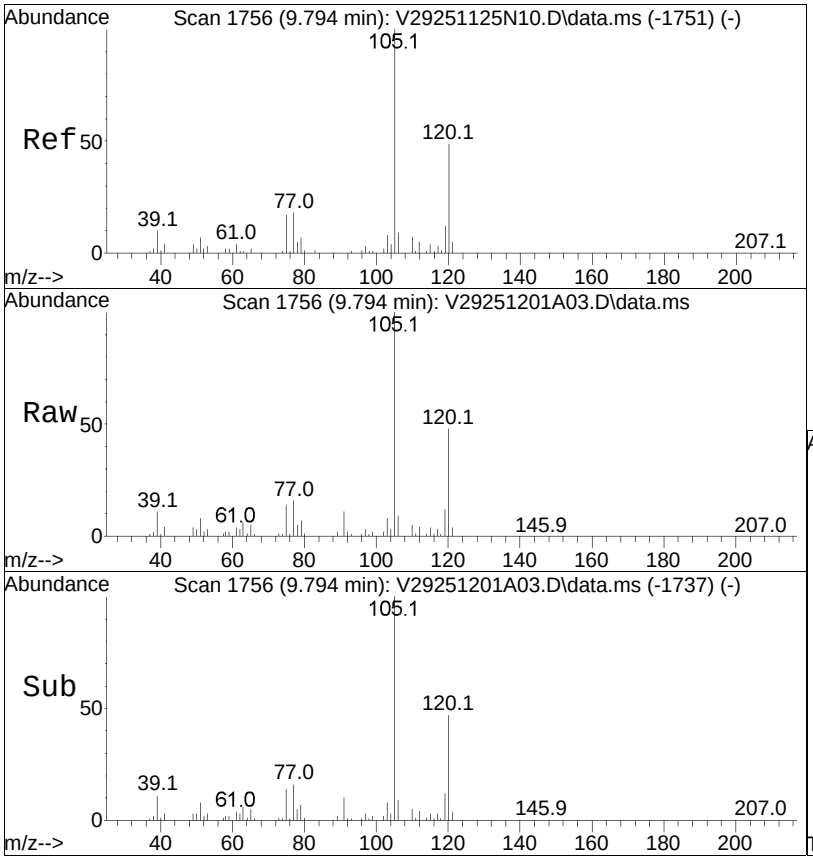


#89
2-Chlorotoluene
Concen: 41.17 ug/L
RT: 9.757 min Scan# 1749
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 91 Resp: 558668

Ion	Ratio	Lower	Upper
91	100		
126	29.7	21.5	32.3

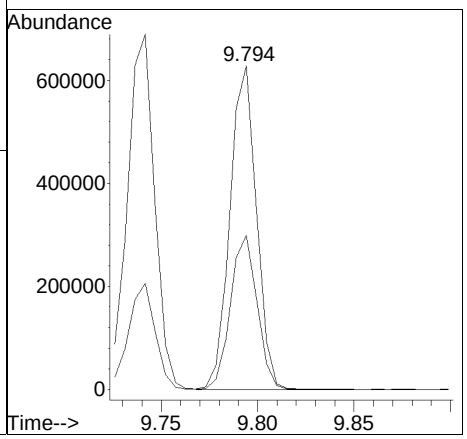


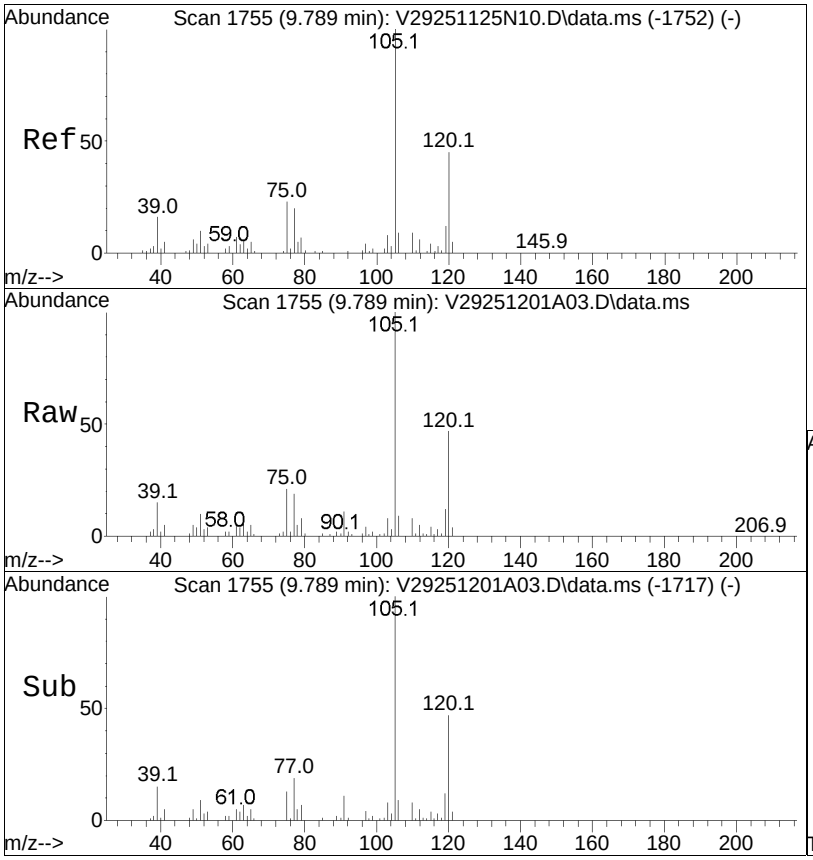


#90
1,3,5-Trimethylbenzene
Concen: 37.22 ug/L
RT: 9.794 min Scan# 1756
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:105 Resp: 600222

Ion	Ratio	Lower	Upper
105	100		
120	47.8	34.8	52.2

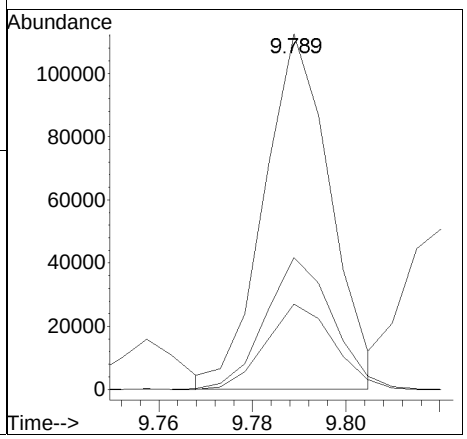


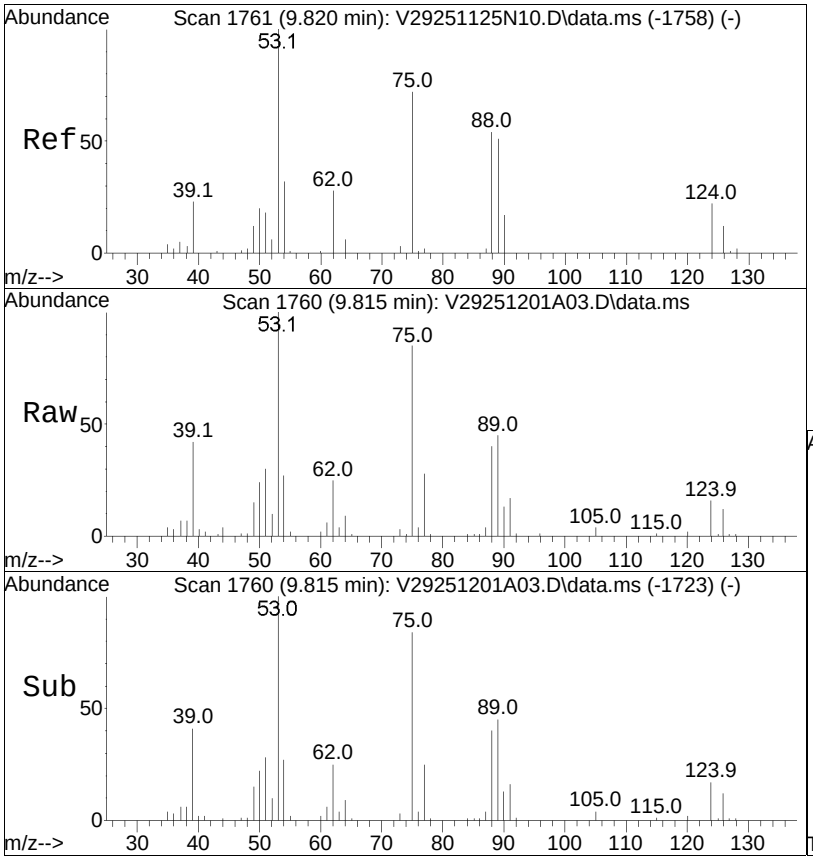


#91
1,2,3-Trichloropropane
Concen: 34.25 ug/L
RT: 9.789 min Scan# 1755
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 75 Resp: 110661

Ion	Ratio	Lower	Upper
75	100		
110	37.7	25.4	52.8
112	24.6	15.6	32.4

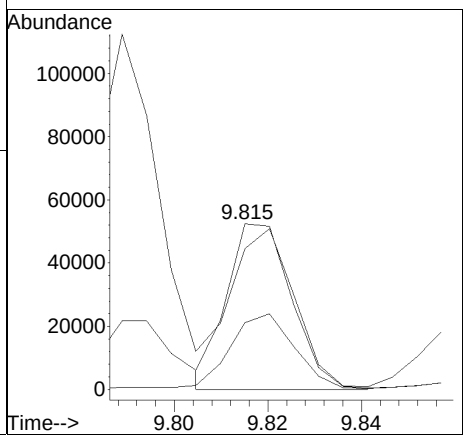


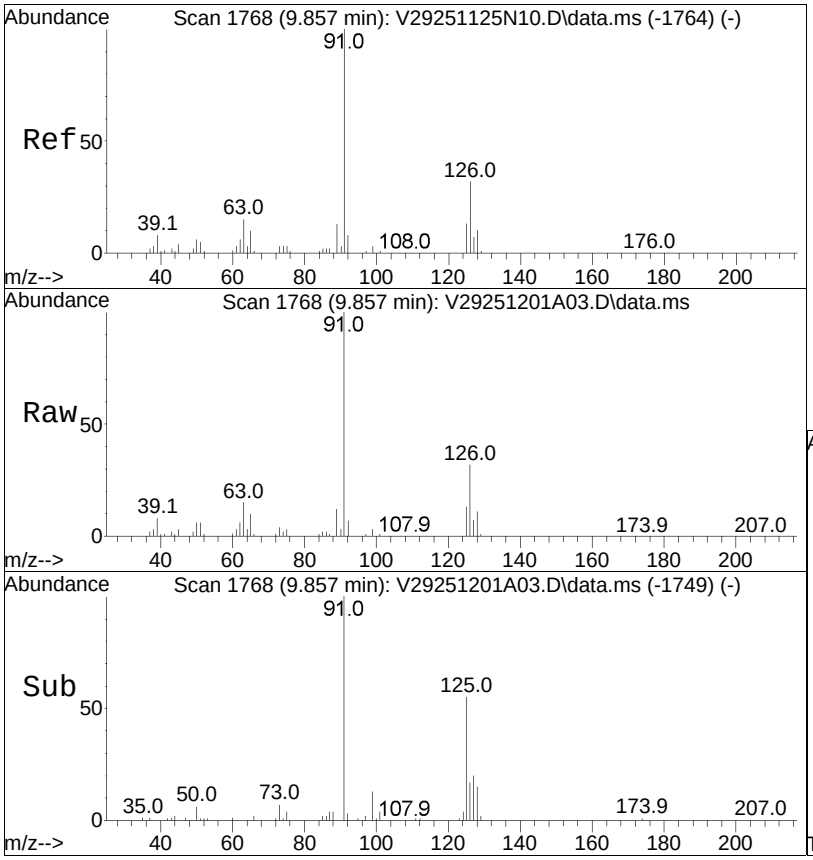


#92
trans-1,4-Dichloro-2-butene
Concen: 37.56 ug/L
RT: 9.815 min Scan# 1760
Delta R.T. -0.005 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 53 Resp: 50619

Ion	Ratio	Lower	Upper
53	100		
88	46.6	39.6	59.4
75	95.0	70.2	105.4

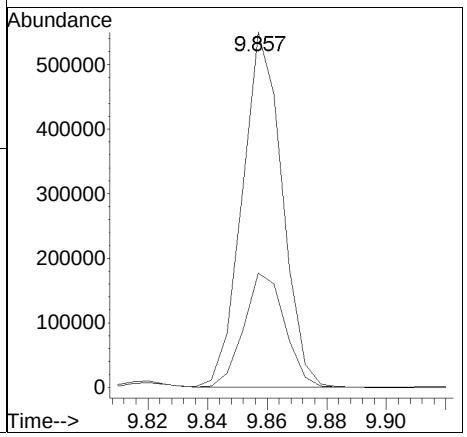


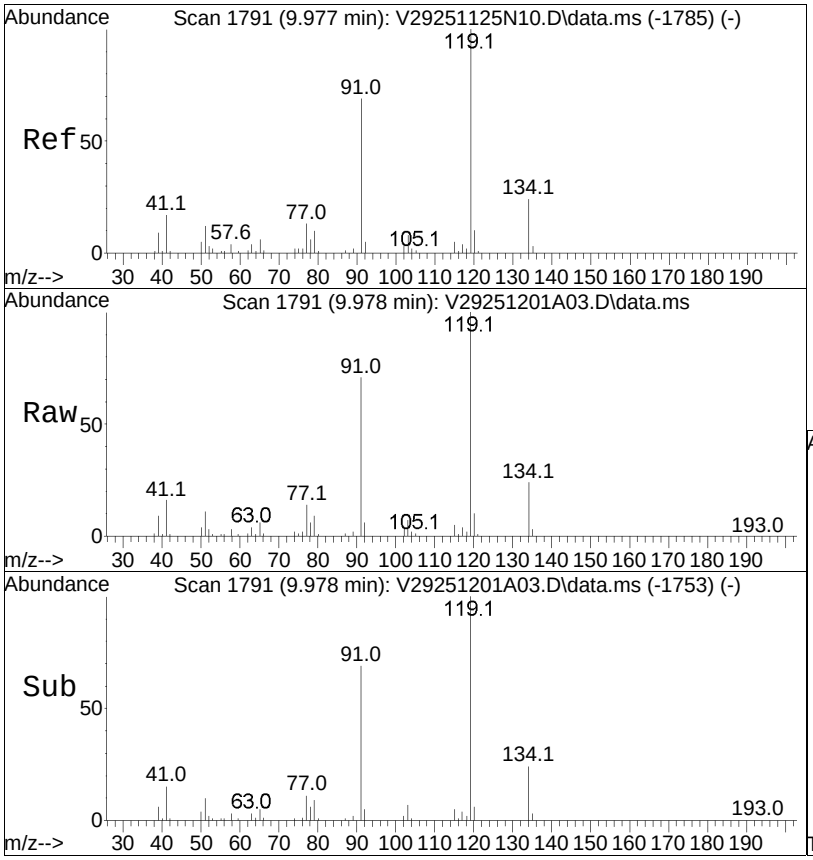


#93
4-Chlorotoluene
Concen: 35.74 ug/L
RT: 9.857 min Scan# 1768
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 91 Resp: 510967

Ion	Ratio	Lower	Upper
91	100		
126	33.2	24.6	36.8

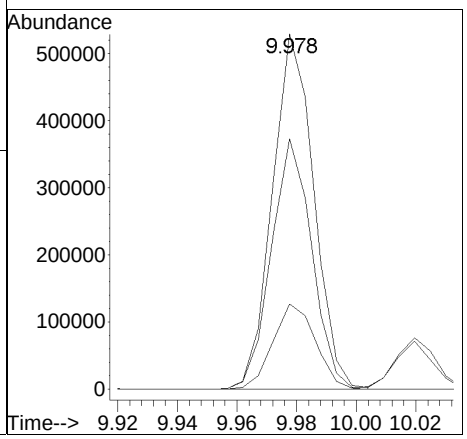


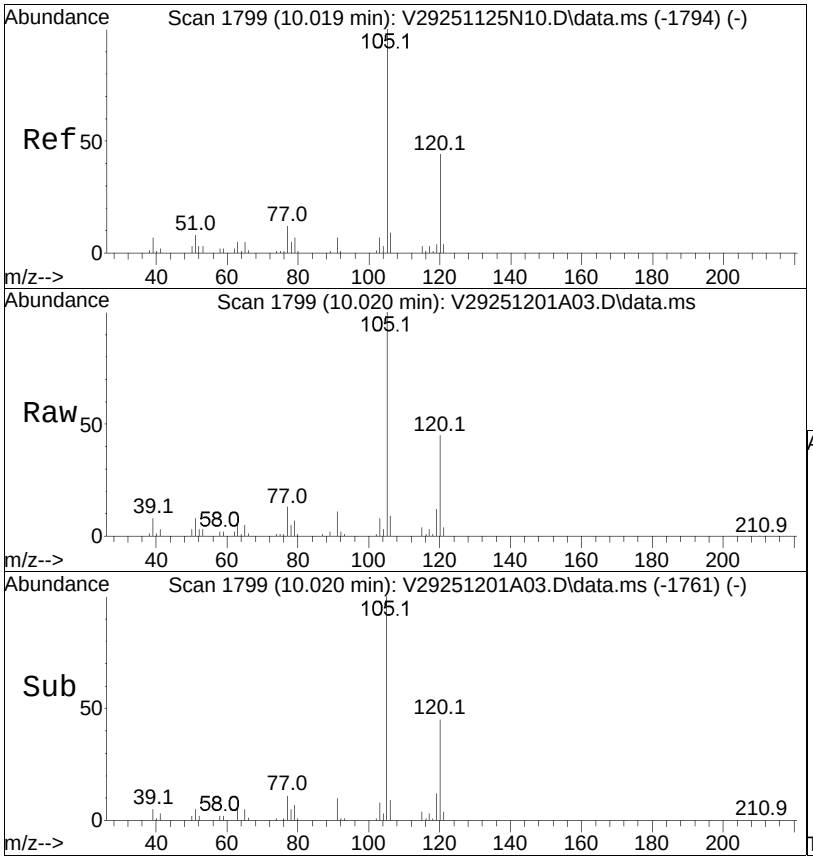


#94
tert-Butylbenzene
Concen: 37.01 ug/L
RT: 9.978 min Scan# 1791
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:119 Resp: 512344

Ion	Ratio	Lower	Upper
119	100		
91	68.9	51.4	77.2
134	24.8	18.3	27.5

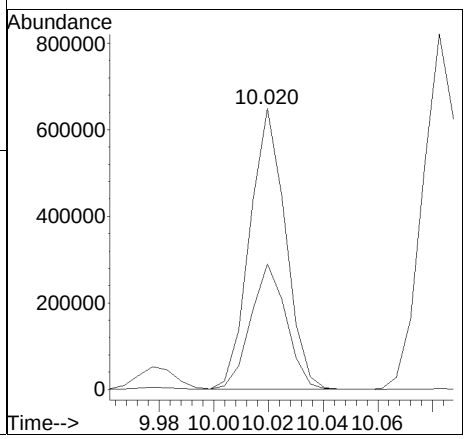


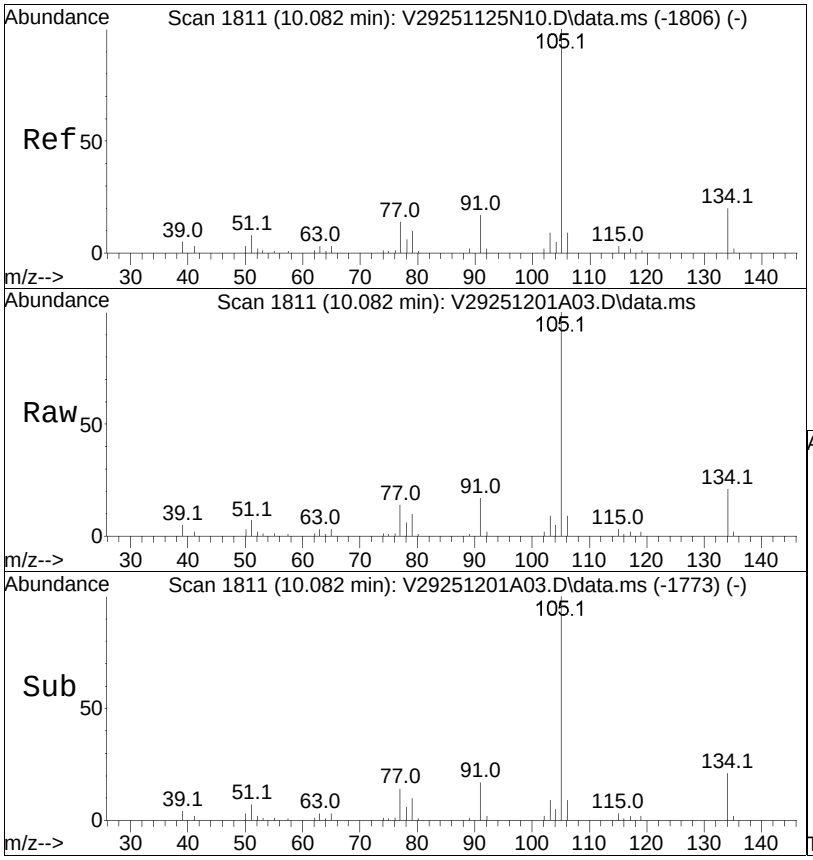


#97
1,2,4-Trimethylbenzene
Concen: 37.27 ug/L
RT: 10.020 min Scan# 1799
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:105 Resp: 589963

Ion	Ratio	Lower	Upper
105	100		
120	44.6	33.4	50.0

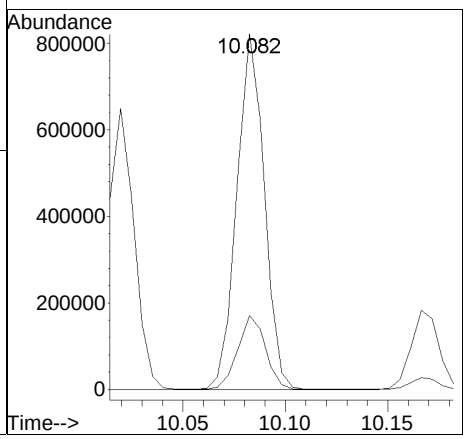


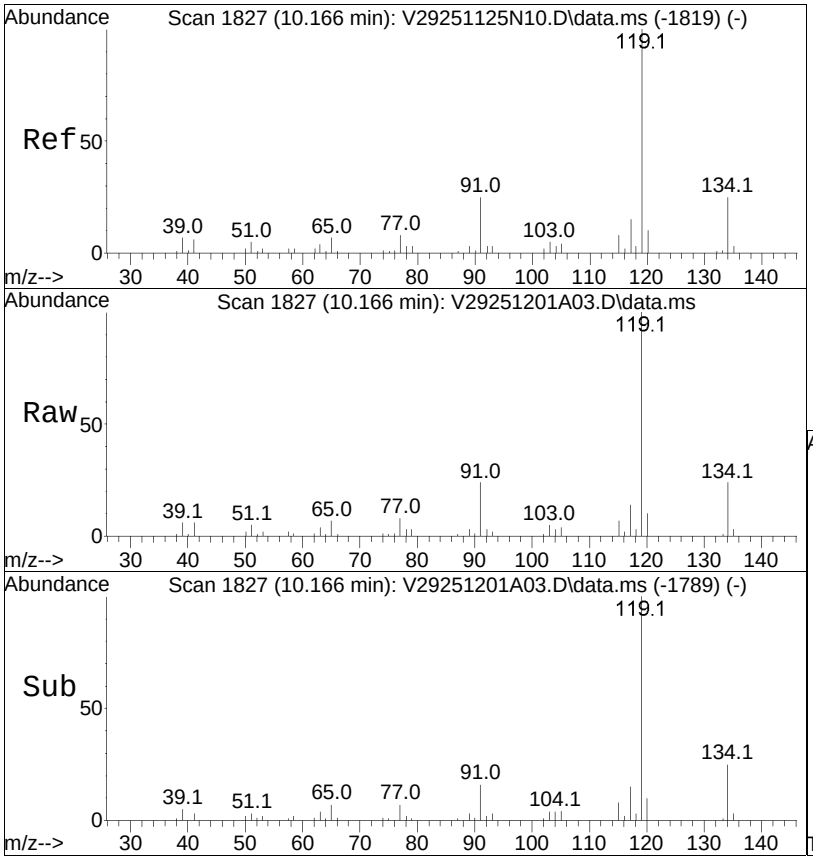


#98
sec-Butylbenzene
Concen: 37.64 ug/L
RT: 10.082 min Scan# 1811
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:105 Resp: 766262

Ion	Ratio	Lower	Upper
105	100		
134	20.9	12.5	26.1

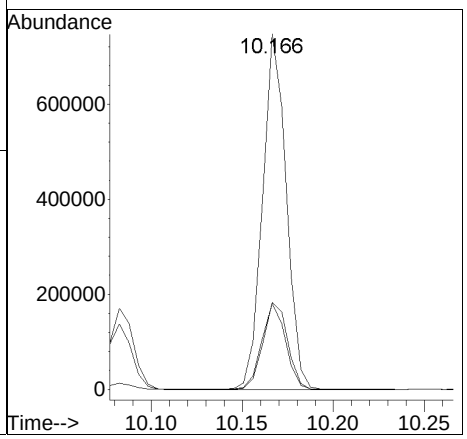


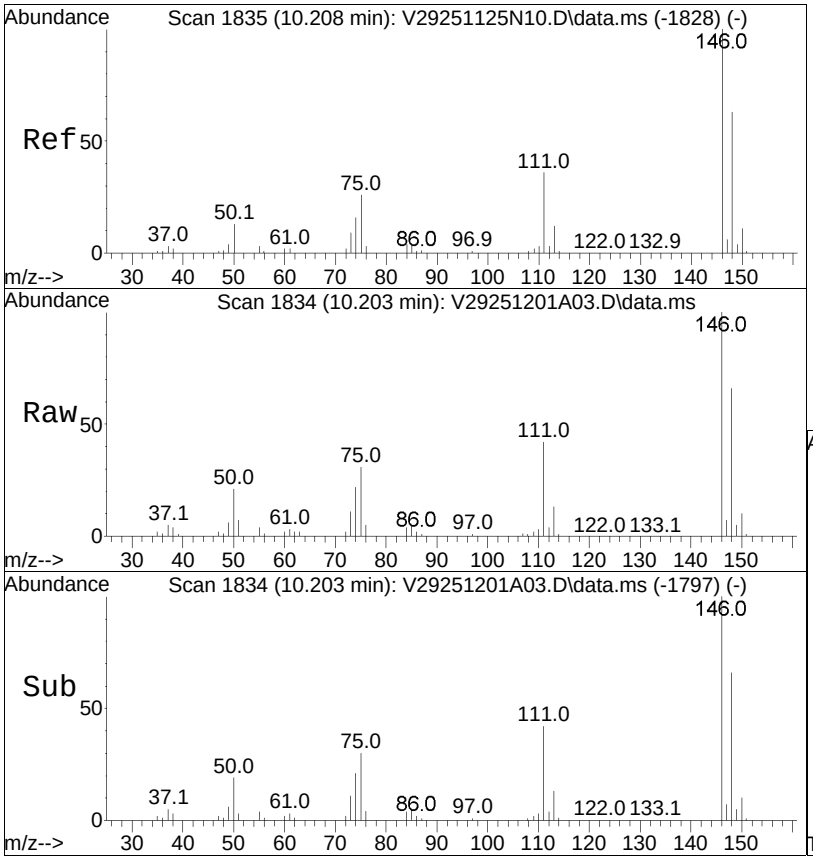


#99
p-Isopropyltoluene
Concen: 38.83 ug/L
RT: 10.166 min Scan# 1827
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:119 Resp: 676179

Ion	Ratio	Lower	Upper
119	100		
134	25.5	16.1	33.3
91	24.3	17.3	35.9

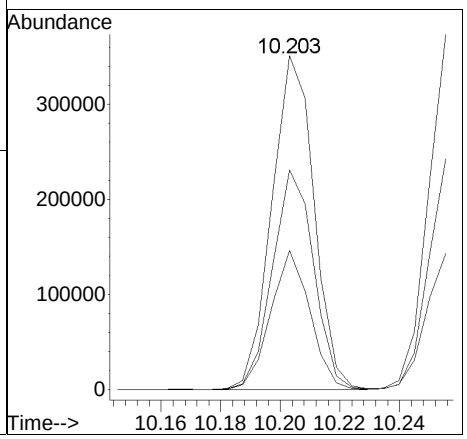


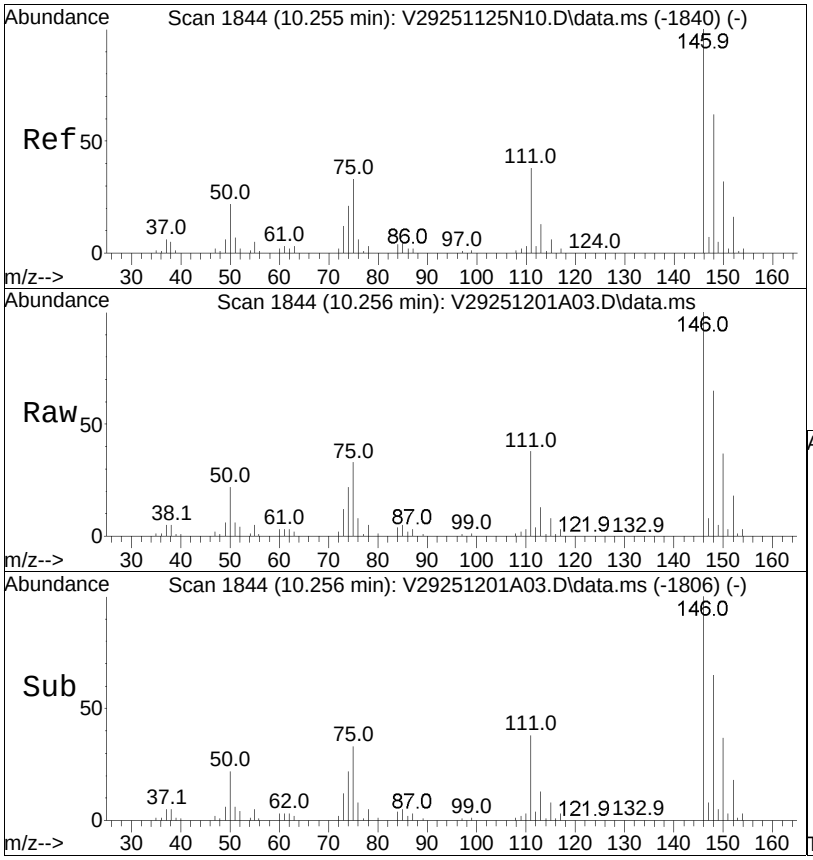


#100
1,3-Dichlorobenzene
Concen: 34.99 ug/L
RT: 10.203 min Scan# 1834
Delta R.T. -0.005 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:146 Resp: 345306

Ion	Ratio	Lower	Upper
146	100		
111	38.8	27.5	57.1
148	64.3	41.9	86.9

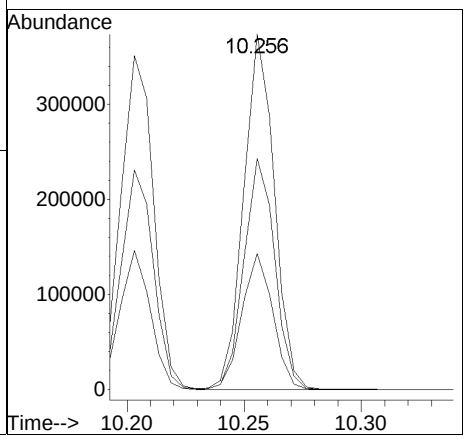


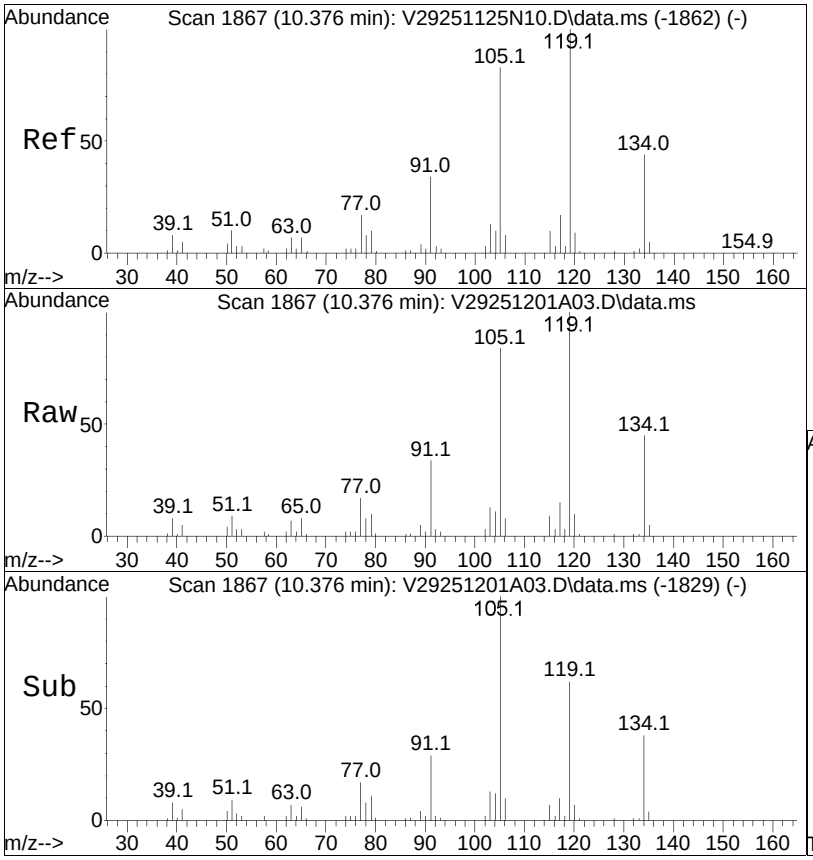


#101
1,4-Dichlorobenzene
Concen: 35.10 ug/L
RT: 10.256 min Scan# 1844
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:146 Resp: 340677

Ion	Ratio	Lower	Upper
146	100		
111	38.7	32.3	48.5
148	65.4	49.9	74.9

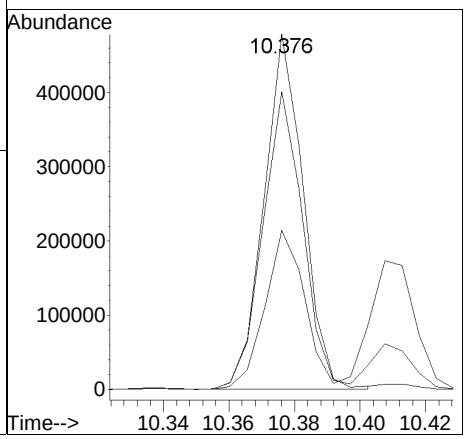


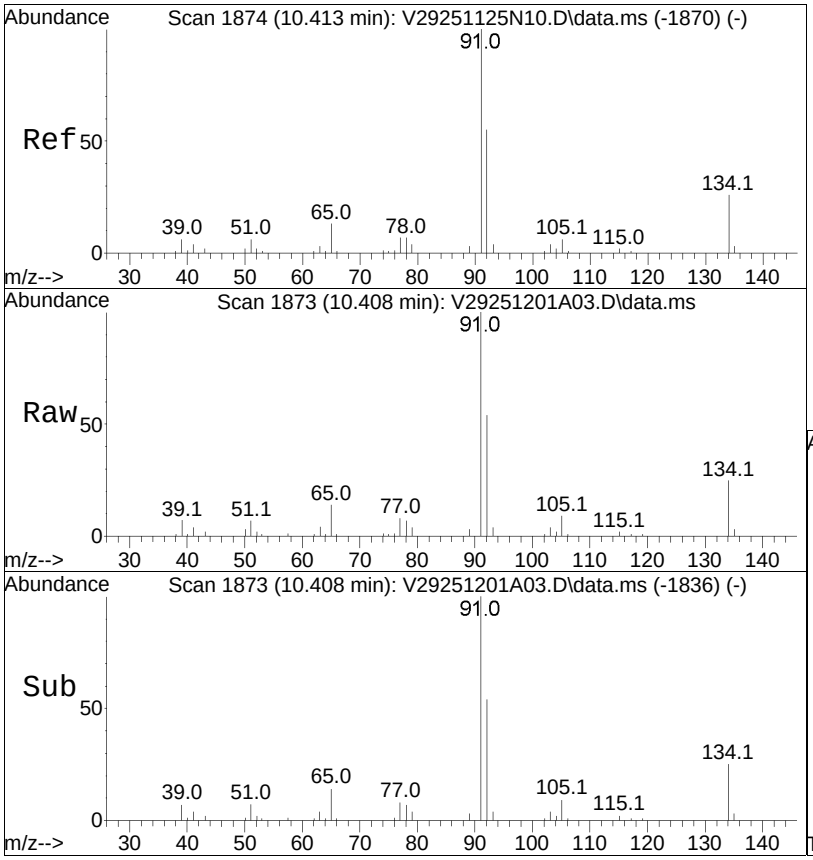


#102
p-Diethylbenzene
Concen: 38.81 ug/L
RT: 10.376 min Scan# 1867
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:119 Resp: 398440

Ion	Ratio	Lower	Upper
119	100		
105	85.4	59.5	123.7
134	45.4	30.2	62.6

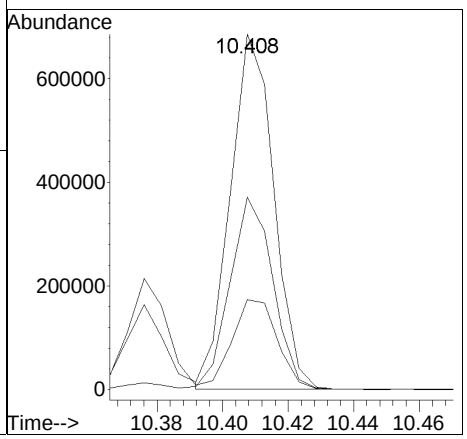


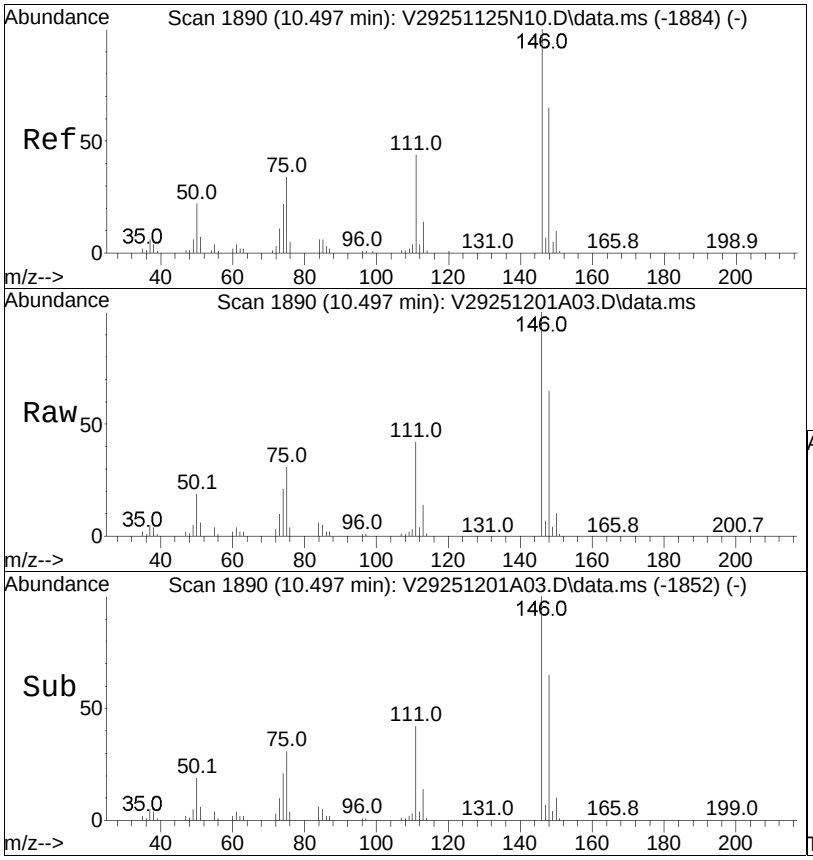


#103
n-Butylbenzene
Concen: 38.86 ug/L
RT: 10.408 min Scan# 1873
Delta R.T. -0.005 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion: 91 Resp: 632769

Ion	Ratio	Lower	Upper
91	100		
92	53.7	43.0	64.4
134	26.5	19.6	29.4

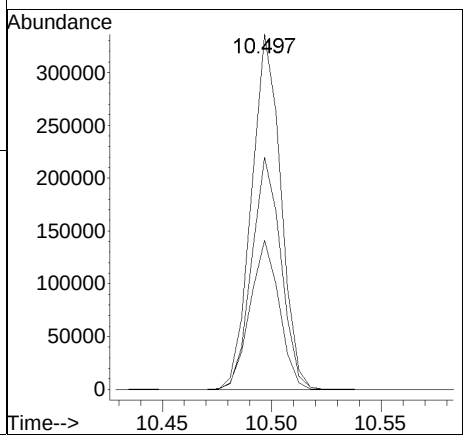


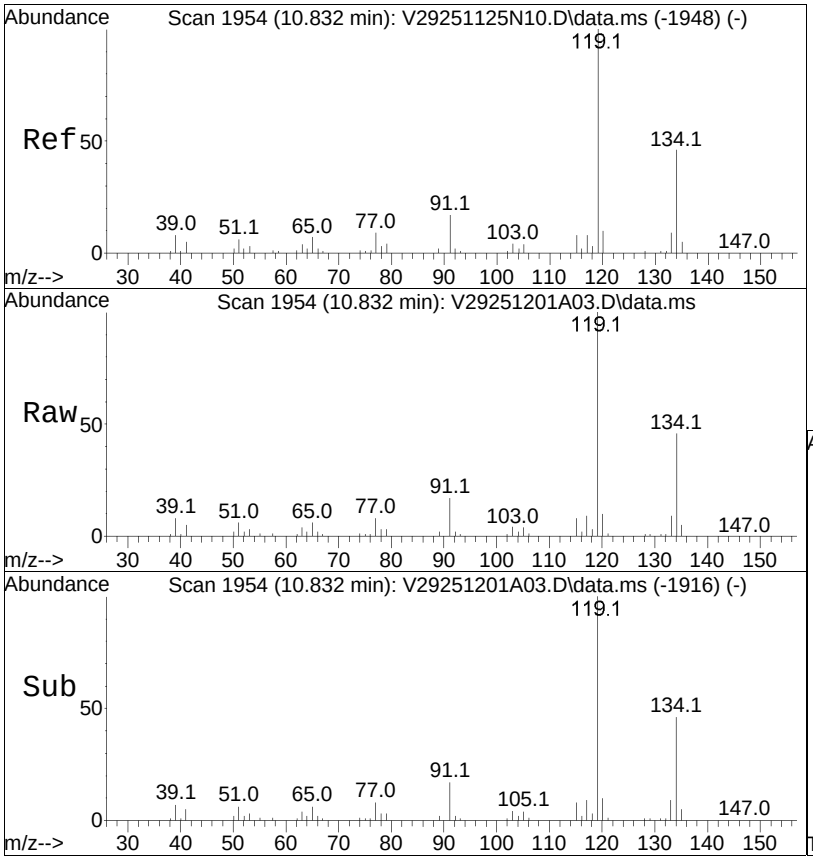


#104
1,2-Dichlorobenzene
Concen: 35.17 ug/L
RT: 10.497 min Scan# 1890
Delta R.T. -0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:146 Resp: 314296

Ion	Ratio	Lower	Upper
146	100		
111	41.9	28.3	58.7
148	65.2	42.3	87.8

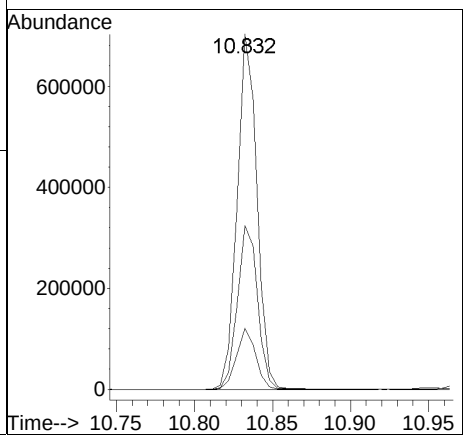


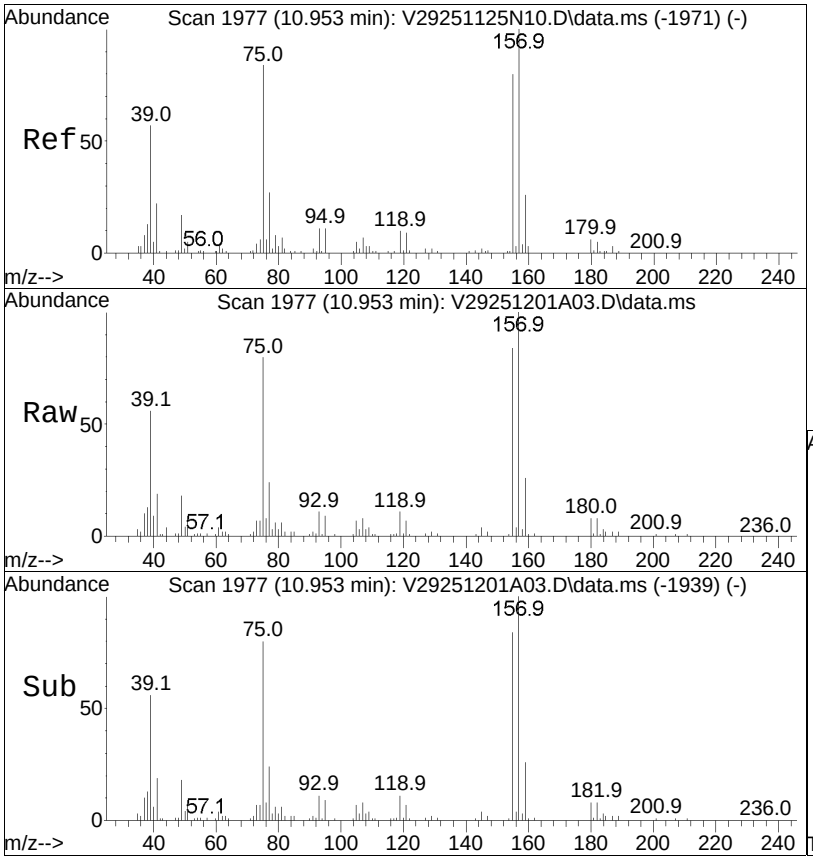


#105
1,2,4,5-Tetramethylbenzene
Concen: 37.83 ug/L
RT: 10.832 min Scan# 1954
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:119 Resp: 620822

Ion	Ratio	Lower	Upper
119	100		
134	47.0	30.5	63.3
91	16.8	12.4	25.7

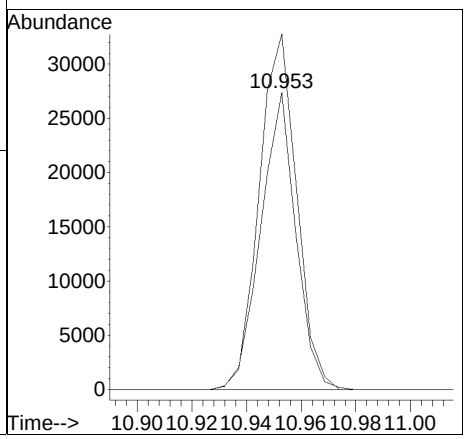


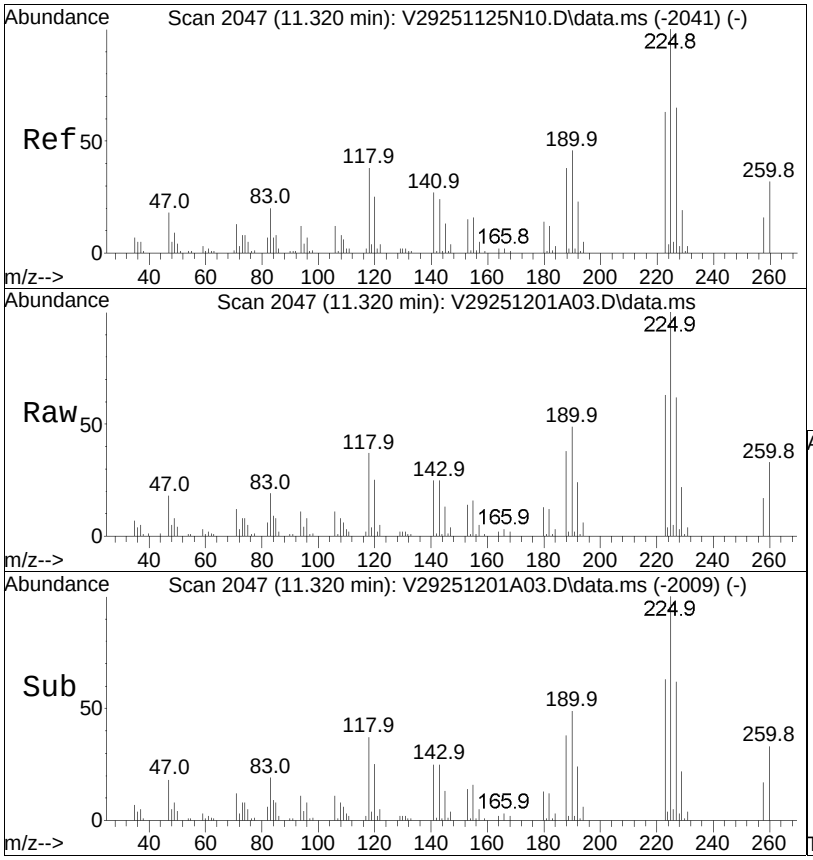


#106
1,2-Dibromo-3-chloropropane
Concen: 37.59 ug/L
RT: 10.953 min Scan# 1977
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:155 Resp: 24531

Ion	Ratio	Lower	Upper
155	100		
157	127.1	94.8	142.2

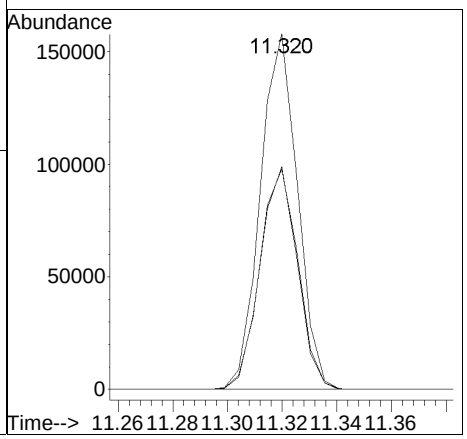


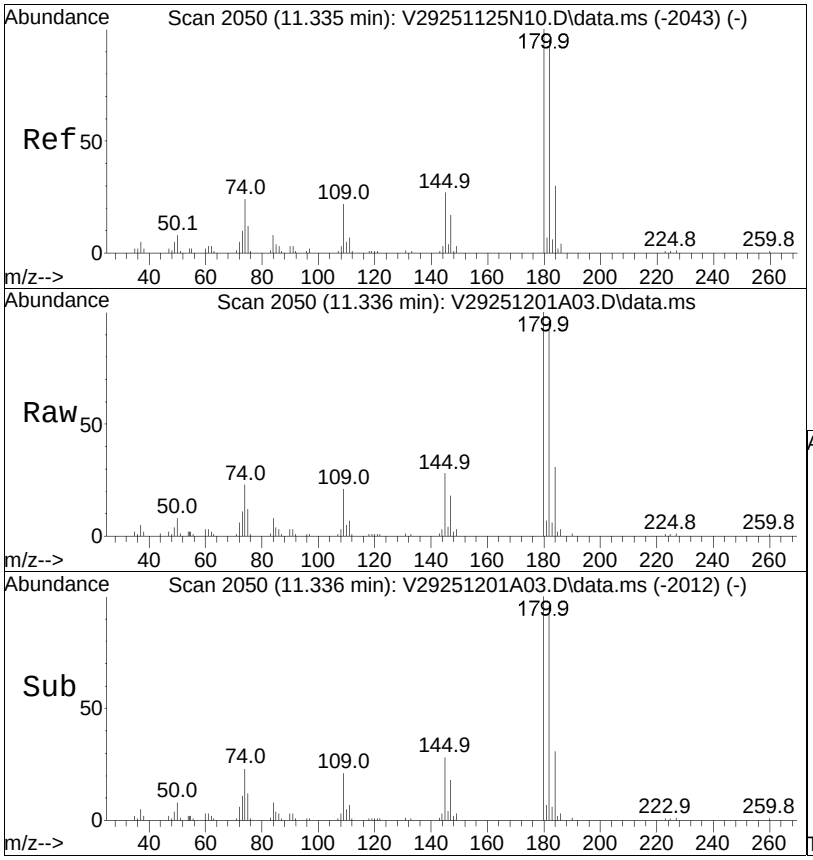


#108
Hexachlorobutadiene
Concen: 36.03 ug/L
RT: 11.320 min Scan# 2047
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:225 Resp: 149449

Ion	Ratio	Lower	Upper
225	100		
223	62.8	54.3	81.5
227	63.8	52.4	78.6

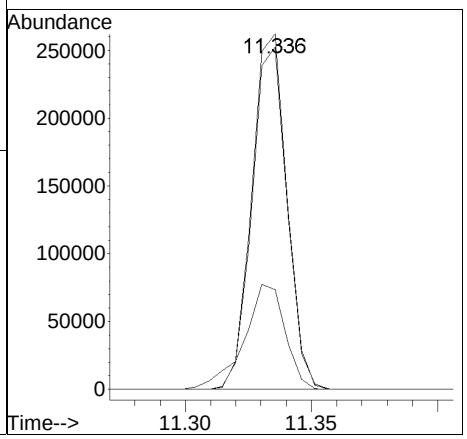


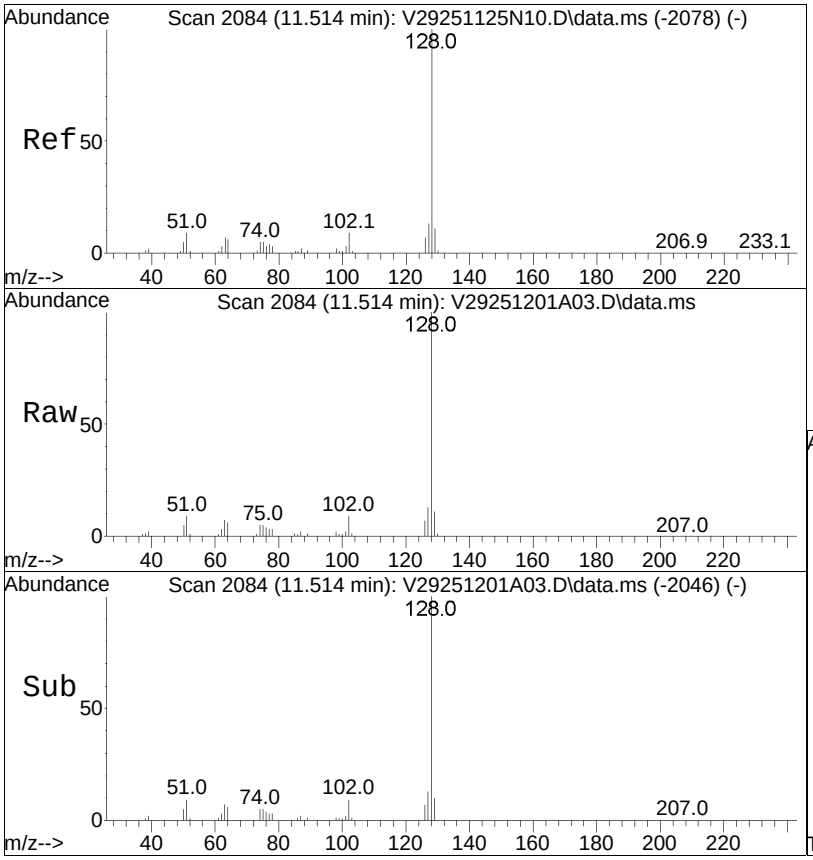


#109
1,2,4-Trichlorobenzene
Concen: 38.76 ug/L
RT: 11.336 min Scan# 2050
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:180 Resp: 253947

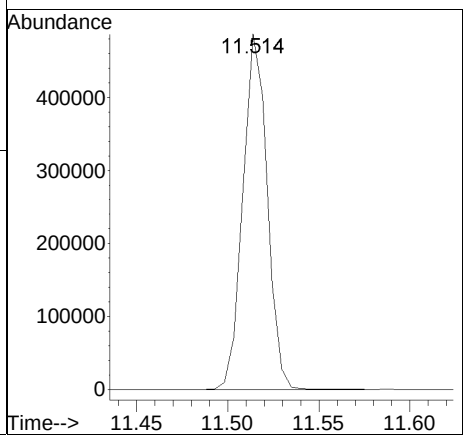
Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.3	115.9
145	34.6	28.1	42.1

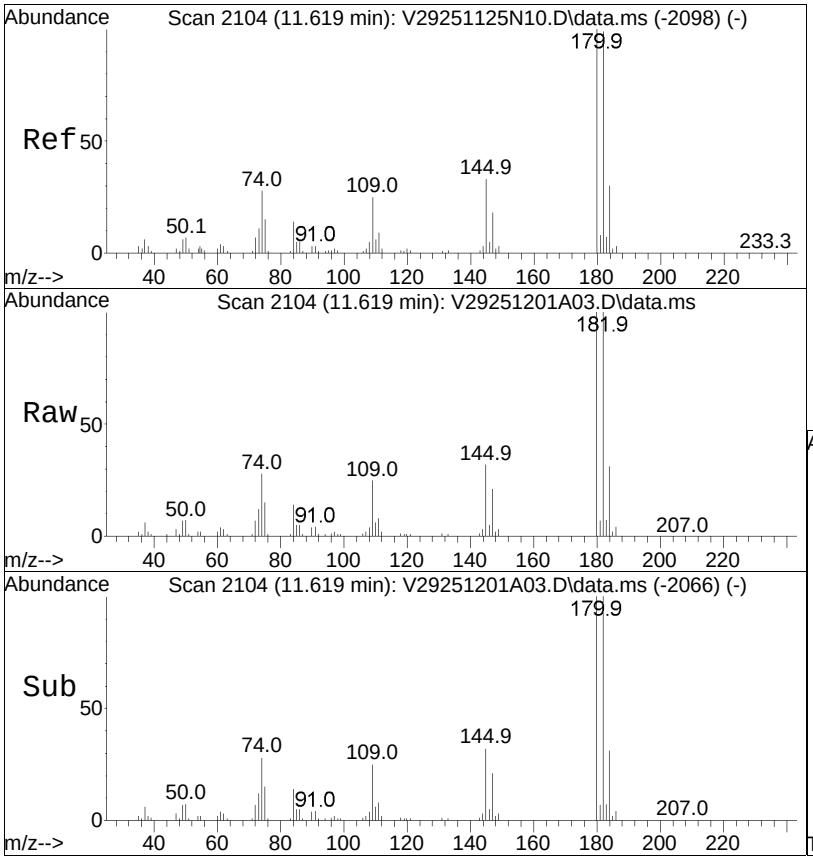




#110
Naphthalene
Concen: 39.13 ug/L
RT: 11.514 min Scan# 2084
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:128 Resp: 451429

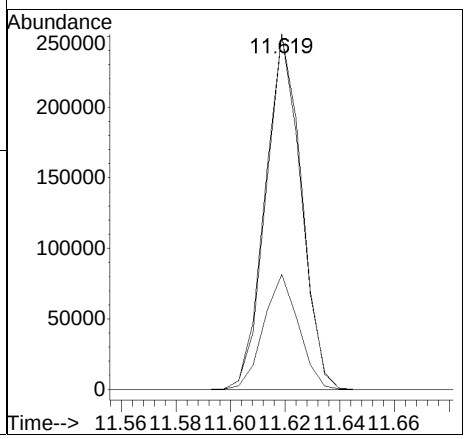




#111
1,2,3-Trichlorobenzene
Concen: 38.84 ug/L
RT: 11.619 min Scan# 2104
Delta R.T. 0.000 min
Lab File: V29251201A03.D
Acq: 01 Dec 2025 09:11 am

Tgt Ion:180 Resp: 231734

Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.8	116.6
145	31.2	25.2	37.8



Manual Integration Report

Data Path	: K:\VOA129\2025\251201A\	QMethod	: V129_251125N_8260.m
Data File	: V29251201A03.D	Operator	: VOA129:AJK
Date Inj'd	: 12/1/2025 9:11 am	Instrument	: VOA 129
Sample	: WG2148464-4,31h,15,15,0.1	Quant Date	: 12/1/2025 2:13 pm

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A25.D
Acq On : 26 Nov 2025 04:58 pm
Operator : VOA100:AJK
Sample : WG2146952-6,31H,5.55,5,0.100,,A,29.81,35.86,0
Misc : WG2146952,ICAL22760
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 28 08:31:13 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.233	96	914932	20.000	ug/L	0.00
Standard Area 1 = 378260			Recovery = 241.88% *			
60) Chlorobenzene-d5	9.798	117	409715	20.000	ug/L	0.00
Standard Area 1 = 324241			Recovery = 126.36%			
80) 1,4-Dichlorobenzene-d4	12.467	152	261151	20.000	ug/L	0.00
Standard Area 1 = 197845			Recovery = 132.00%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	129667	9.322	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 46.61%#			
44) 1,2-Dichloroethane-d4	5.944	65	237263	18.866	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.33%			
61) Toluene-d8	7.942	98	558027	22.535	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 112.68%			
84) 4-Bromofluorobenzene	11.266	95	735202	72.866	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 364.33%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	919041M1	66.778	ug/L	
3) Chloromethane	2.022	50	749215	49.116	ug/L	95
4) Vinyl chloride	2.059	62	866341M1	41.082	ug/L	
5) Bromomethane	2.374	94	552353	27.209	ug/L	99
6) Chloroethane	2.468	64	275122	16.317	ug/L	92
7) Trichlorofluoromethane	2.578	101	636374M1	27.330	ug/L	
8) Ethyl ether	2.945	74	474730	59.527	ug/L	86
10) 1,1-Dichloroethene	3.118	96	838289	67.656	ug/L #	72
11) Carbon disulfide	3.150	76	2725398	63.385	ug/L	99
15) Methylene chloride	3.690	84	863293	57.569	ug/L	92
17) Acetone	3.732	43	412683M3	60.037	ug/L	
18) trans-1,2-Dichloroethene	3.852	96	912635	62.471	ug/L	84
20) Methyl tert-butyl ether	3.962	73	2420083	61.584	ug/L #	1
23) 1,1-Dichloroethane	4.439	63	1408123	55.742	ug/L	94
25) Acrylonitrile	4.471	53	232834	60.734	ug/L #	86
27) Vinyl acetate	4.670	43	1681312	57.730	ug/L	97
28) cis-1,2-Dichloroethene	4.964	96	1001501	62.580	ug/L #	77
29) 2,2-Dichloropropane	5.069	77	1334739	64.134	ug/L #	78
31) Bromochloromethane	5.158	128	499870	62.838	ug/L	91
33) Chloroform	5.231	83	1573726M3	57.810	ug/L	

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A25.D
Acq On : 26 Nov 2025 04:58 pm
Operator : VOA100:AJK
Sample : WG2146952-6,31H,5.55,5,0.100,,A,29.81,35.86,0
Misc : WG2146952,ICAL22760
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 28 08:31:13 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
35) Carbon tetrachloride	5.383	117	1443852	73.392	ug/L		97
38) 1,1,1-Trichloroethane	5.441	97	1459804	70.872	ug/L		93
40) 2-Butanone	5.514	43	304561	59.485	ug/L		96
41) 1,1-Dichloropropene	5.567	75	1147968	69.442	ug/L		93
42) Benzene	5.808	78	3386926	63.289	ug/L	#	94
45) 1,2-Dichloroethane	6.002	62	1011228	58.771	ug/L	#	60
49) Trichloroethene	6.416	95	1098838	74.010	ug/L	#	45
51) Dibromomethane	6.851	93	558913	60.138	ug/L	#	78
52) 1,2-Dichloropropane	6.956	63	823985	59.479	ug/L		96
55) Bromodichloromethane	7.024	83	1218220	59.226	ug/L	#	98
58) 1,4-Dioxane	7.250	88	344731	2965.485	ug/L	#	64
59) cis-1,3-Dichloropropene	7.722	75	1424160	62.619	ug/L	#	36
62) Toluene	7.999	92	2245259	136.348	ug/L		100
63) 4-Methyl-2-pentanone	8.419	58	417597	210.509	ug/L	#	1
64) Tetrachloroethene	8.461	166	1199993	170.024	ug/L		96
66) trans-1,3-Dichloropropene	8.466	75	1322424	134.016	ug/L	#	1
69) 1,1,2-Trichloroethane	8.671	83	1390531M6	279.221	ug/L		
70) Chlorodibromomethane	8.880	129	1082162	141.667	ug/L		94
71) 1,3-Dichloropropane	8.980	76	1235627	129.250	ug/L		96
72) 1,2-Dibromoethane	9.158	107	879141	149.152	ug/L	#	1
73) 2-Hexanone	9.431	43	544736M6	143.384	ug/L		
74) Chlorobenzene	9.819	112	2573630	130.132	ug/L		89
75) Ethylbenzene	9.861	91	20748633	640.682	ug/L		89
76) 1,1,1,2-Tetrachloroethane	9.908	131	989638	140.804	ug/L		99
77) p/m Xylene	10.055	106	10979188	845.265	ug/L		86
78) o Xylene	10.579	106	3436451	266.561	ug/L		99
79) Styrene	10.637	104	5478146	247.230	ug/L		99
81) Bromoform	10.658	173	758433	122.980	ug/L		99
83) Isopropylbenzene	10.957	105	8905221	245.788	ug/L		96
85) Bromobenzene	11.376	156	1184429	127.313	ug/L		98
86) n-Propylbenzene	11.423	91	16761305	383.426	ug/L	#	89
88) 1,1,2,2-Tetrachloroethane	11.491	83	1797527	201.239	ug/L	#	68
89) 4-Ethyltoluene	11.544	105	19195221M3	538.182	ug/L		
90) 2-Chlorotoluene	11.591	91	2394077	96.381	ug/L	#	84
91) 1,3,5-Trimethylbenzene	11.649	105	15855477	515.571	ug/L		90
92) 1,2,3-Trichloropropane	11.638	75	977498	138.915	ug/L		94
93) trans-1,4-Dichloro-2-b...	11.680	53	301112M3	128.957	ug/L		
94) 4-Chlorotoluene	11.769	91	2950962	114.941	ug/L		94
95) tert-Butylbenzene	11.984	119	3362711	123.651	ug/L		97

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A25.D
Acq On : 26 Nov 2025 04:58 pm
Operator : VOA100:AJK
Sample : WG2146952-6,31H,5.55,5,0.100,,A,29.81,35.86,0
Misc : WG2146952,ICAL22760
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 28 08:31:13 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
98) 1,2,4-Trimethylbenzene	12.052	105	24937266M3	824.313	ug/L		
99) sec-Butylbenzene	12.178	105	6839837	170.798	ug/L	#	83
100) p-Isopropyltoluene	12.330	119	6875085	194.168	ug/L		99
101) 1,3-Dichlorobenzene	12.388	146	2202176M3	118.971	ug/L		
102) 1,4-Dichlorobenzene	12.482	146	2200919	117.599	ug/L	#	94
103) p-Diethylbenzene	12.708	119	4770311M3	224.445	ug/L		
104) n-Butylbenzene	12.755	91	7817383	252.004	ug/L	#	77
105) 1,2-Dichlorobenzene	12.902	146	2042151	118.409	ug/L	#	89
106) 1,2,4,5-Tetramethylben...	13.489	119	11490250	359.846	ug/L		95
107) 1,2-Dibromo-3-chloropr...	13.672	155	205640	128.325	ug/L		94
109) Hexachlorobutadiene	14.291	225	600587	107.368	ug/L		98
110) 1,2,4-Trichlorobenzene	14.307	180	1091365	94.223	ug/L	#	94
111) Naphthalene	14.595	128	10073826	370.458	ug/L		100
112) 1,2,3-Trichlorobenzene	14.768	180	820666	78.627	ug/L	#	94

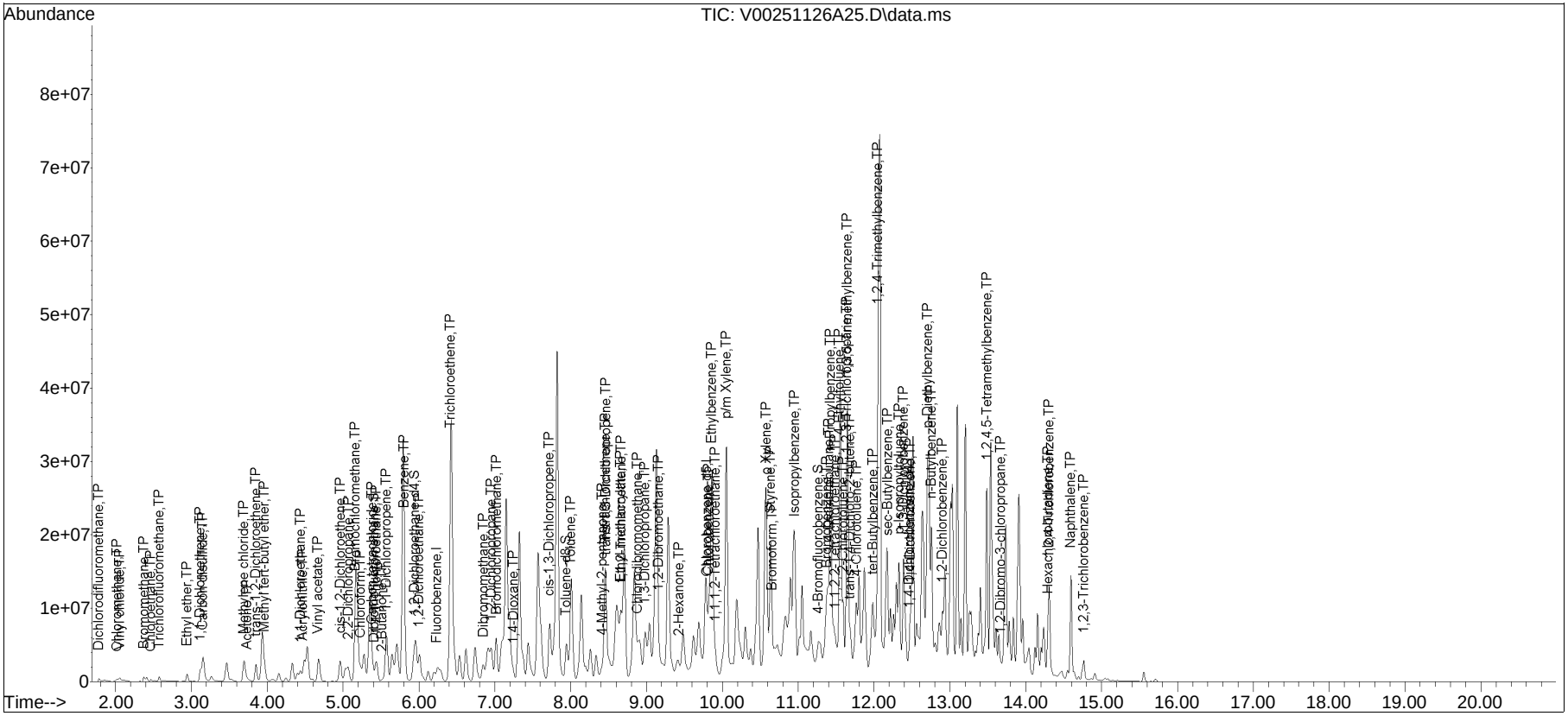
(#) = qualifier out of range (m) = manual integration (+) = signals summed

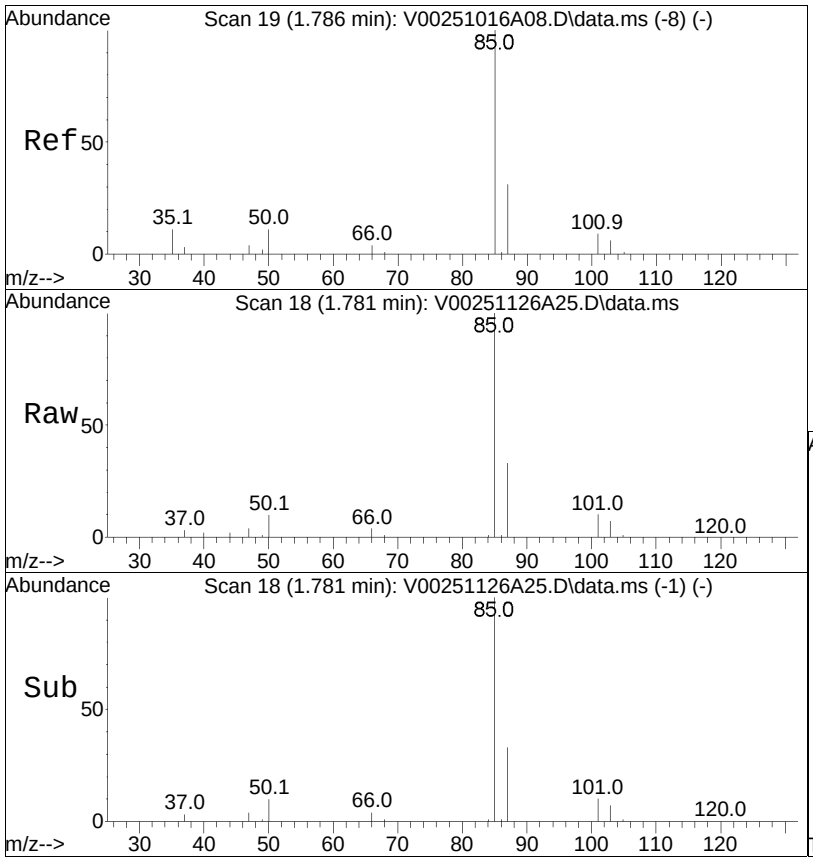
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A25.D
Acq On : 26 Nov 2025 04:58 pm
Operator : VOA100:AJK
Sample : WG2146952-6,31H,5.55,5,0.100,,A,29.81,35.86,0
Misc : WG2146952,ICAL22760
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 28 08:31:13 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251126A01.D•

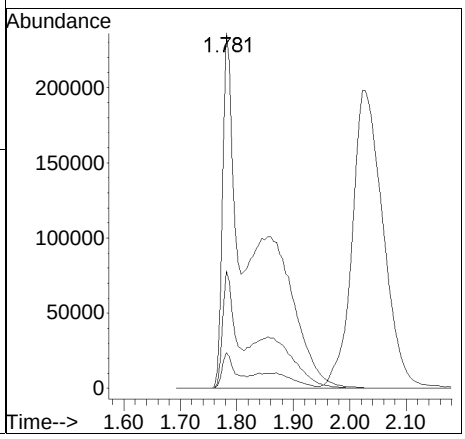


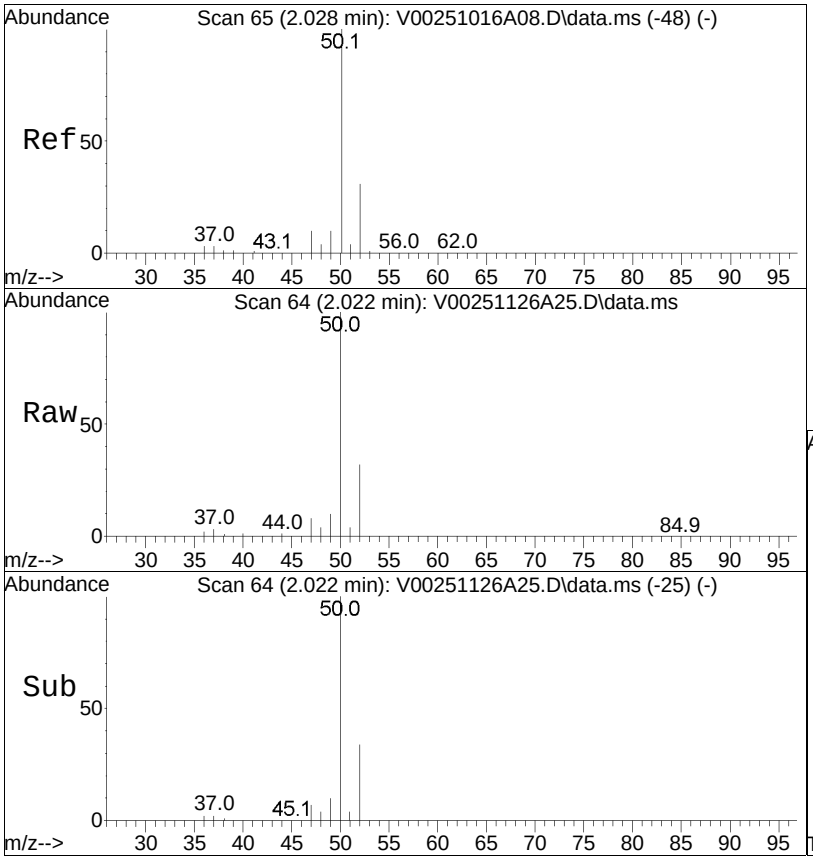


#2
Dichlorodifluoromethane
Concen: 66.78 ug/L M1
RT: 1.781 min Scan# 18
Delta R.T. -0.006 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 85 Resp: 919041

Ion	Ratio	Lower	Upper
85	100		
87	13.3	14.6	30.2#
50	4.4	6.1	12.7#

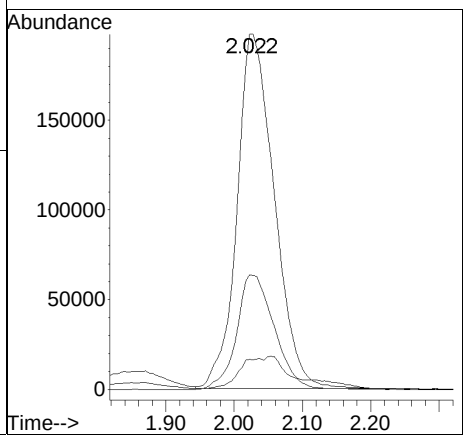


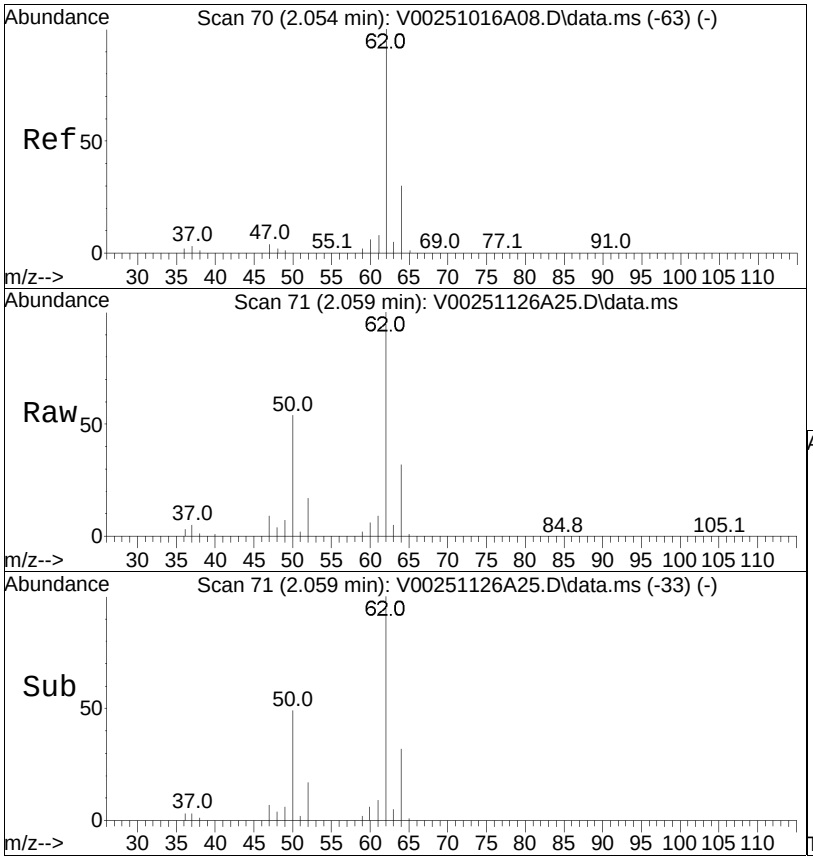


#3
Chloromethane
Concen: 49.12 ug/L
RT: 2.022 min Scan# 64
Delta R.T. 0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 50 Resp: 749215

Ion	Ratio	Lower	Upper
50	100		
52	32.6	14.2	54.2
47	13.2	0.0	28.0

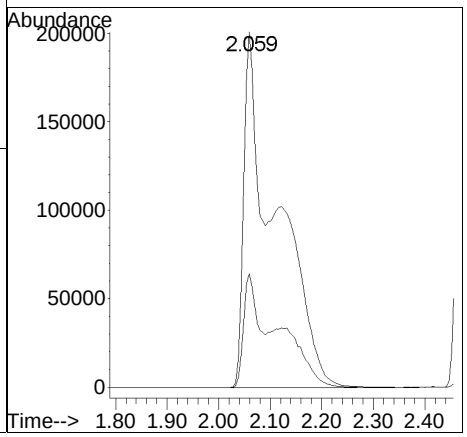


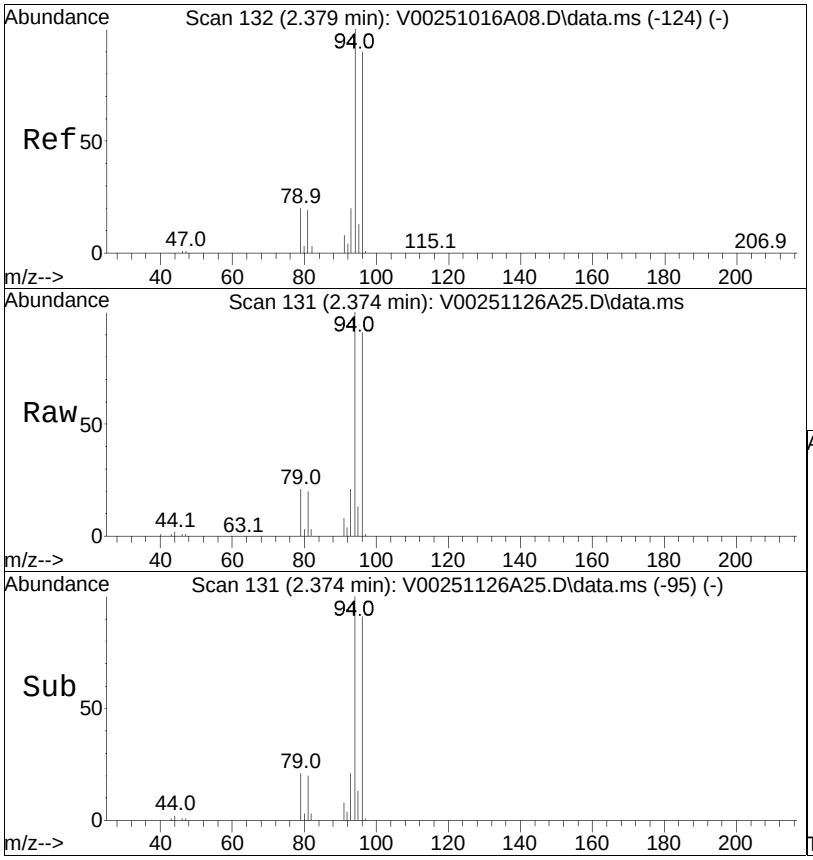


#4
Vinyl chloride
Concen: 41.08 ug/L M1
RT: 2.059 min Scan# 71
Delta R.T. 0.000 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 62 Resp: 866341

Ion	Ratio	Lower	Upper
62	100		
64	15.2	4.4	44.4

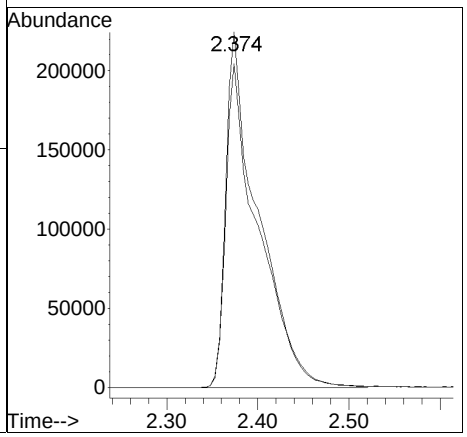


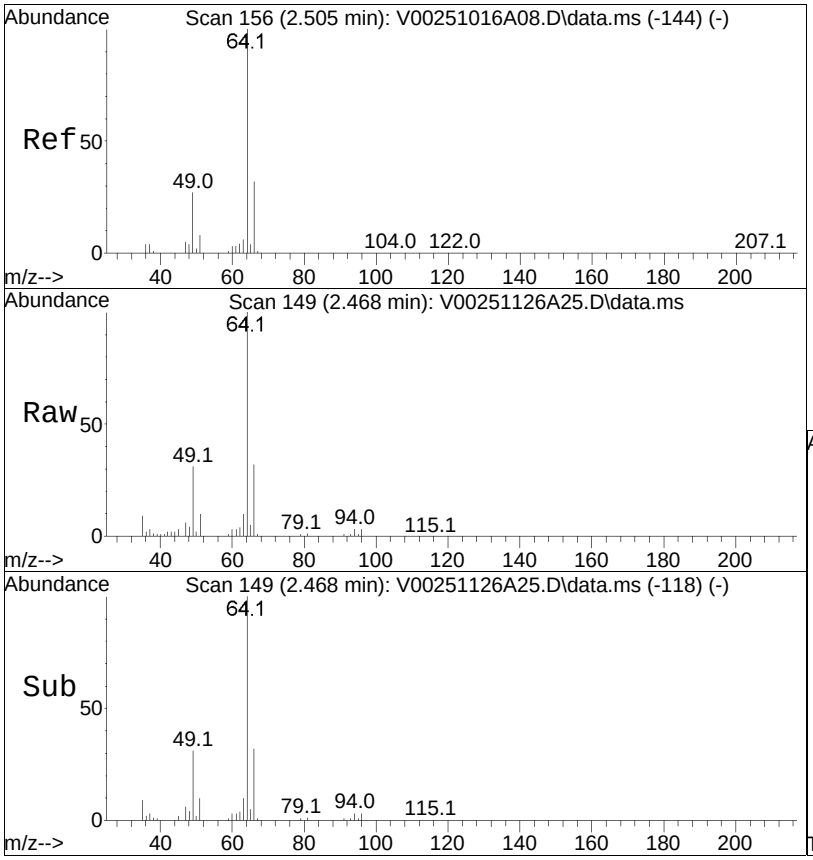


#5
Bromomethane
Concen: 27.21 ug/L
RT: 2.374 min Scan# 131
Delta R.T. -0.010 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 94 Resp: 552353

Ion	Ratio	Lower	Upper
94	100		
96	91.8	72.4	112.4

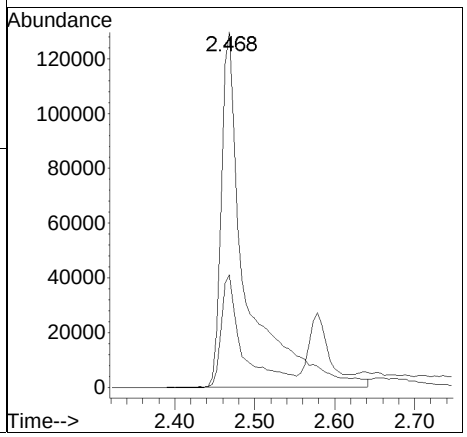


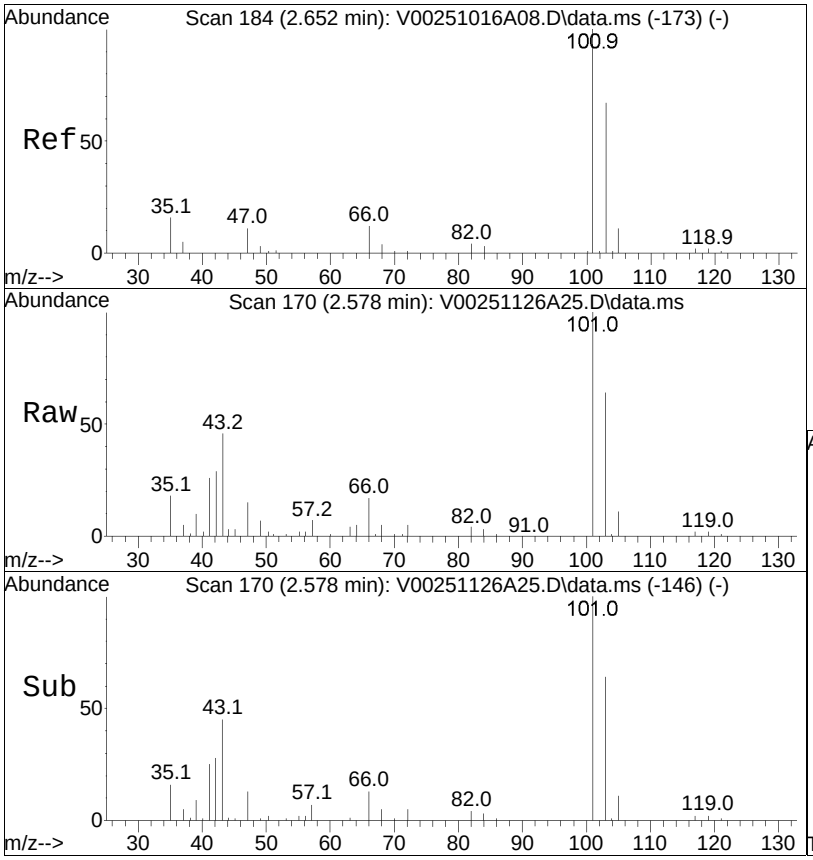


#6
Chloroethane
Concen: 16.32 ug/L
RT: 2.468 min Scan# 149
Delta R.T. -0.037 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 64 Resp: 275122

Ion	Ratio	Lower	Upper
64	100		
66	28.8	4.8	44.8

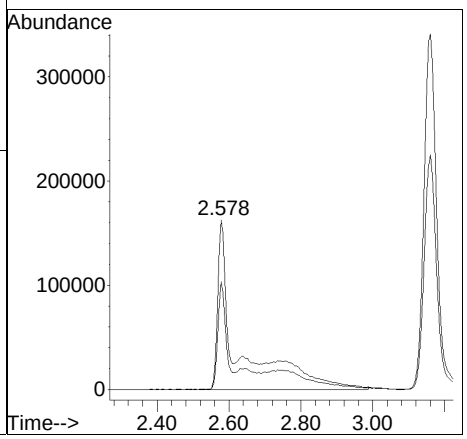


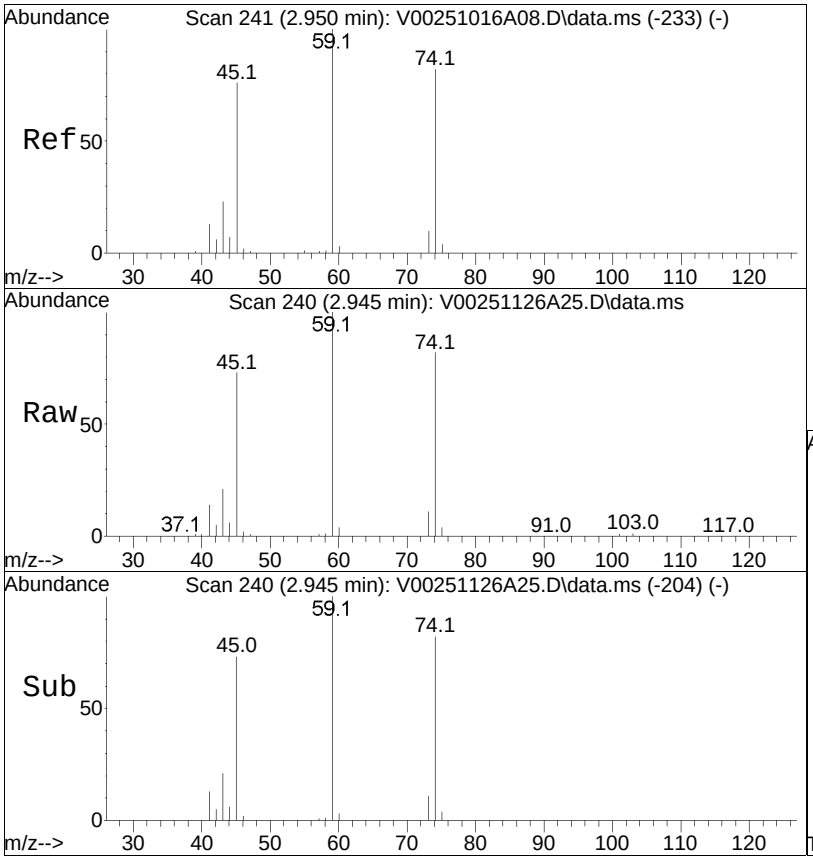


#7
Trichlorofluoromethane
Concen: 27.33 ug/L M1
RT: 2.578 min Scan# 170
Delta R.T. -0.074 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:101 Resp: 636374

Ion	Ratio	Lower	Upper
101	100		
103	26.2	51.5	77.3#

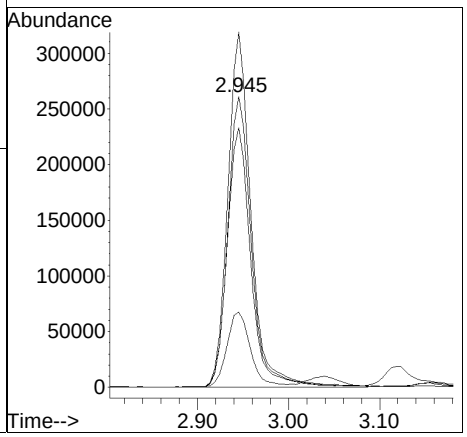


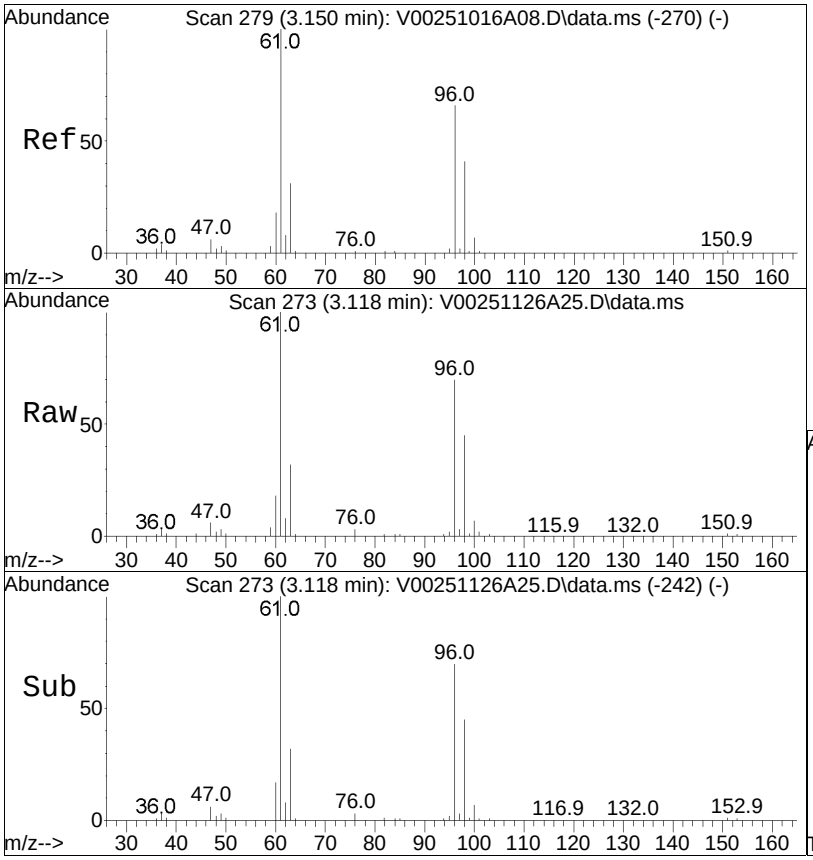


#8
Ethyl ether
Concen: 59.53 ug/L
RT: 2.945 min Scan# 240
Delta R.T. -0.011 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 74 Resp: 474730

Ion	Ratio	Lower	Upper
74	100		
59	119.9	97.0	201.4
45	89.8	57.3	118.9
43	25.5	18.7	38.9

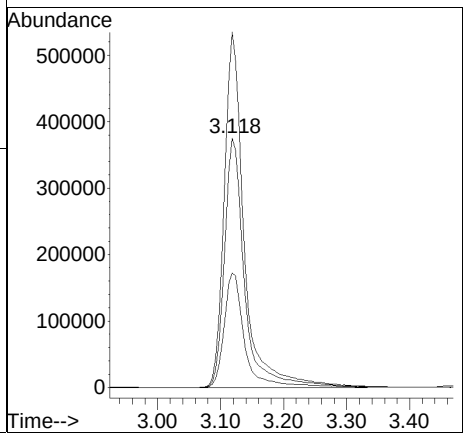


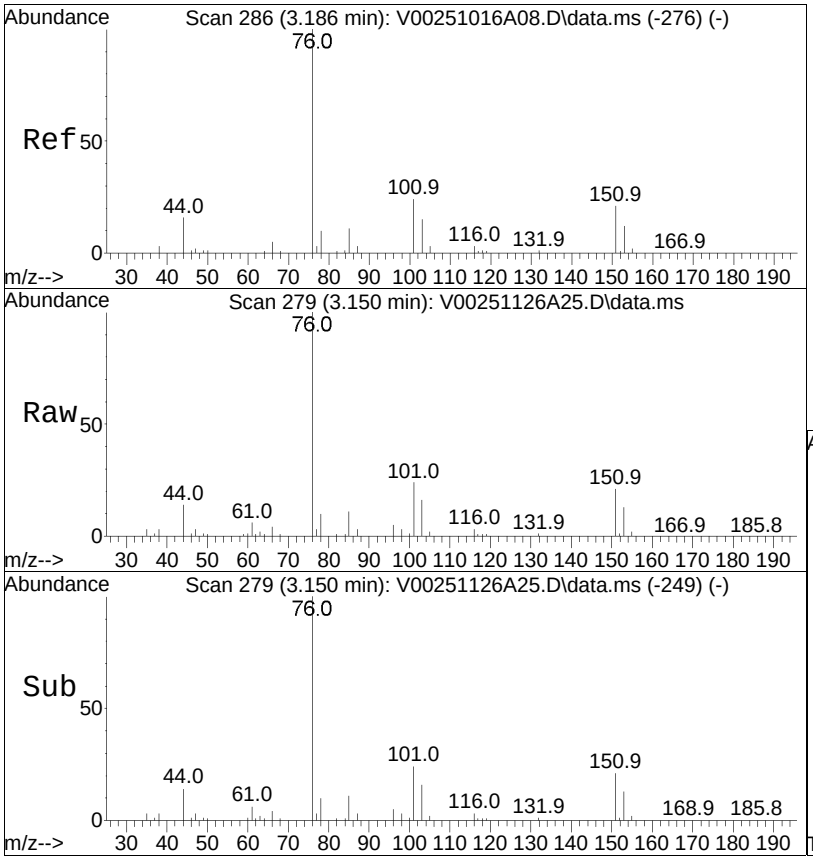


#10
1,1-Dichloroethene
Concen: 67.66 ug/L
RT: 3.118 min Scan# 273
Delta R.T. -0.037 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 96 Resp: 838289

Ion	Ratio	Lower	Upper
96	100		
61	141.1	149.4	224.2#
63	46.7	47.0	70.6#

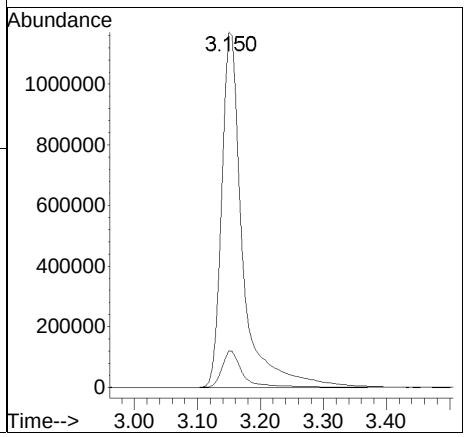


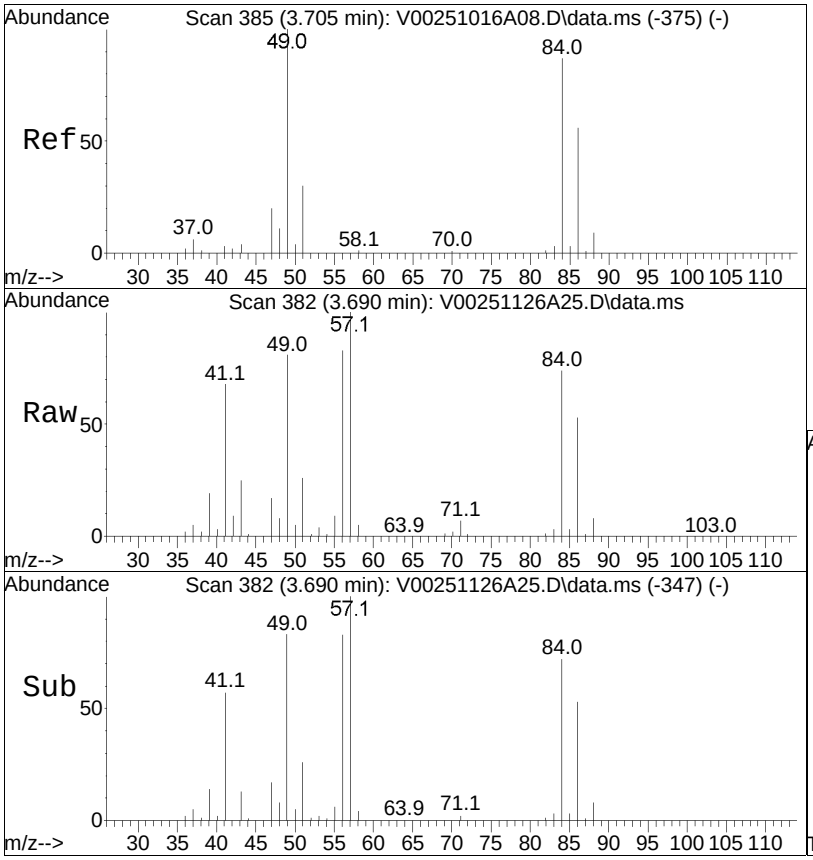


#11
Carbon disulfide
Concen: 63.38 ug/L
RT: 3.150 min Scan# 279
Delta R.T. -0.042 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 76 Resp: 2725398

Ion	Ratio	Lower	Upper
76	100		
78	10.3	6.4	13.4

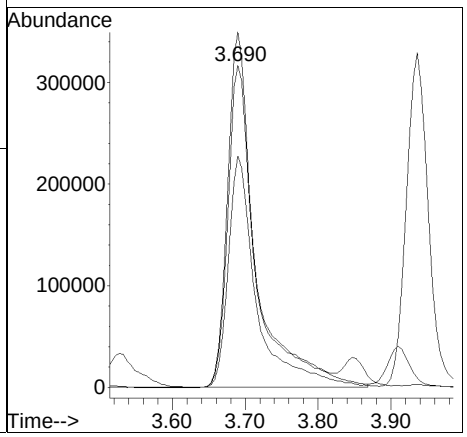


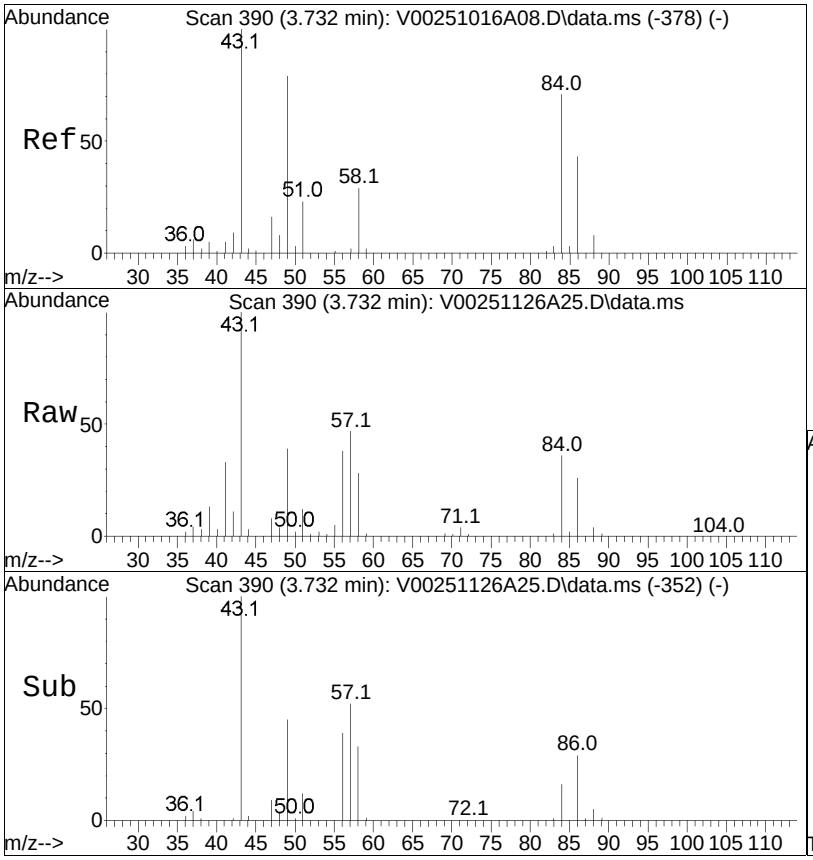


#15
Methylene chloride
Concen: 57.57 ug/L
RT: 3.690 min Scan# 382
Delta R.T. -0.015 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 84 Resp: 863293

Ion	Ratio	Lower	Upper
84	100		
86	72.1	39.6	82.2
49	107.7	72.7	150.9

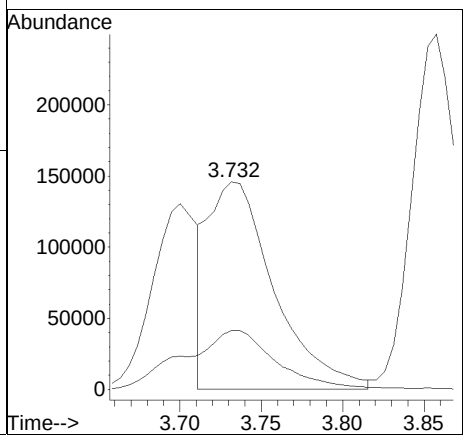


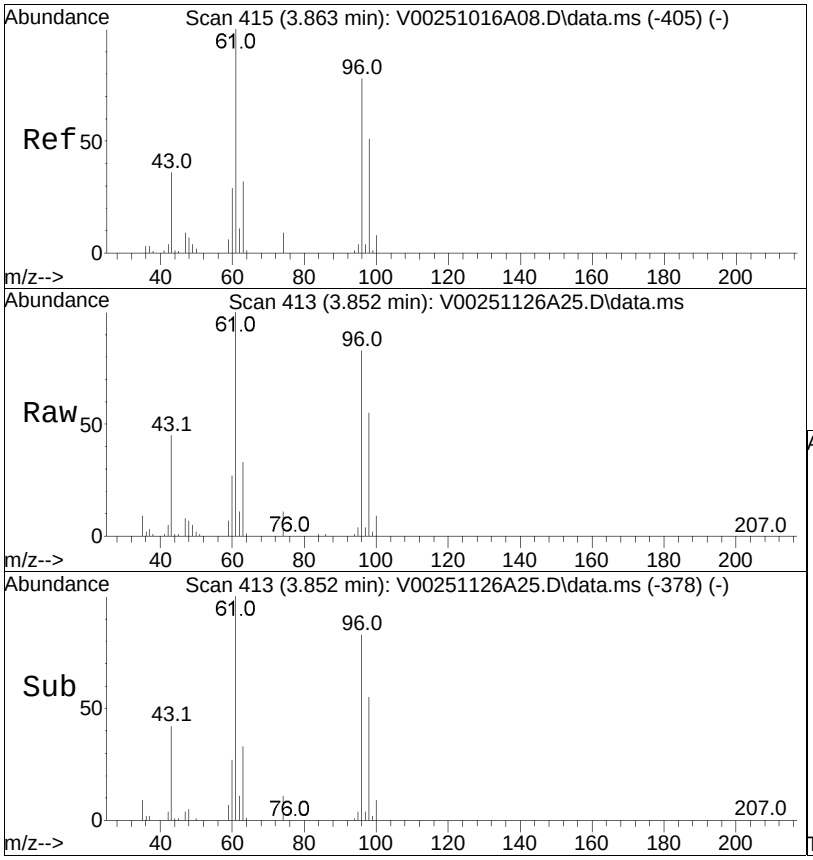


#17
Acetone
Concen: 60.04 ug/L M3
RT: 3.732 min Scan# 390
Delta R.T. -0.000 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 43 Resp: 412683

Ion	Ratio	Lower	Upper
43	100		
58	40.0	27.2	40.8

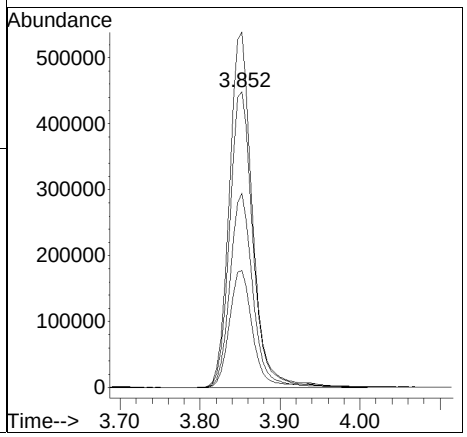


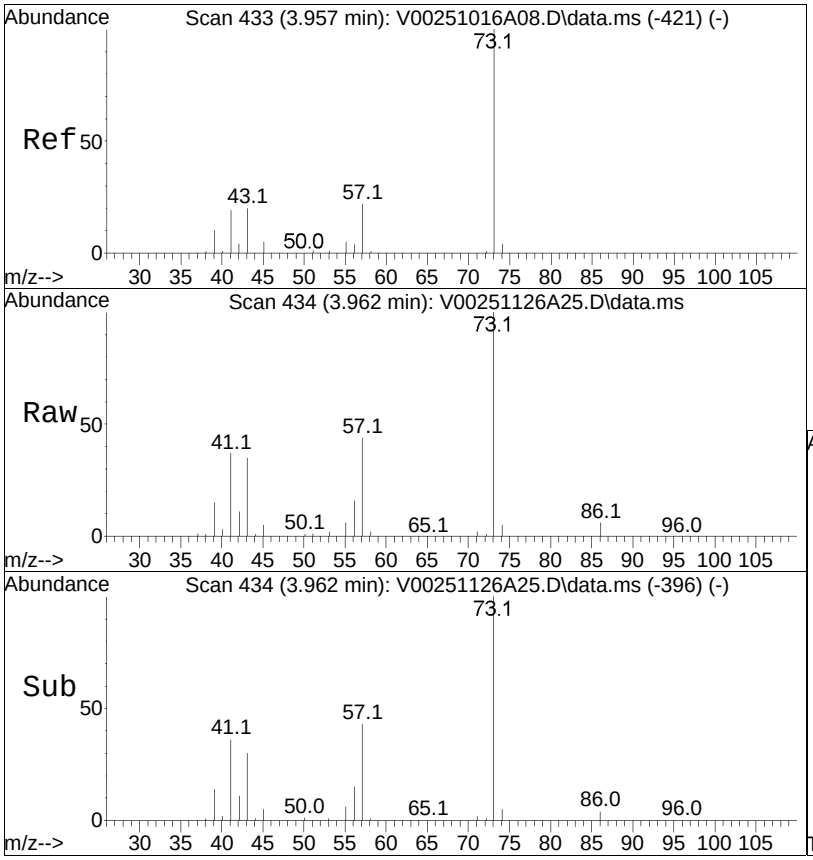


#18
trans-1,2-Dichloroethene
Concen: 62.47 ug/L
RT: 3.852 min Scan# 413
Delta R.T. -0.016 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 96 Resp: 912635

Ion	Ratio	Lower	Upper
96	100		
61	118.7	96.5	200.5
98	64.7	40.6	84.2
63	38.9	30.2	62.8

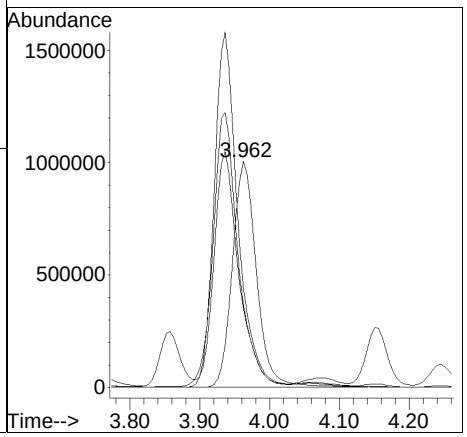


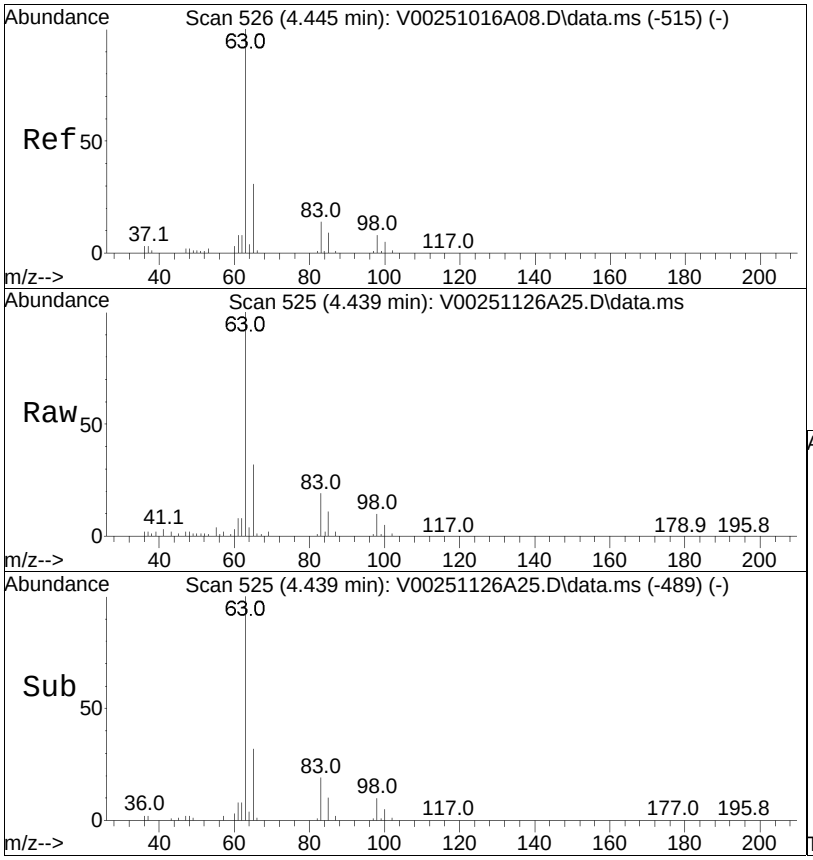


#20
Methyl tert-butyl ether
Concen: 61.58 ug/L
RT: 3.962 min Scan# 434
Delta R.T. 0.000 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 73 Resp: 2420083

Ion	Ratio	Lower	Upper
73	100		
57	154.3	14.7	30.5#
43	105.8	12.5	26.1#
41	125.4	11.6	24.0#

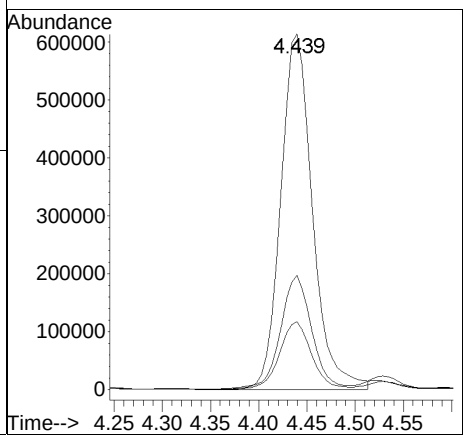


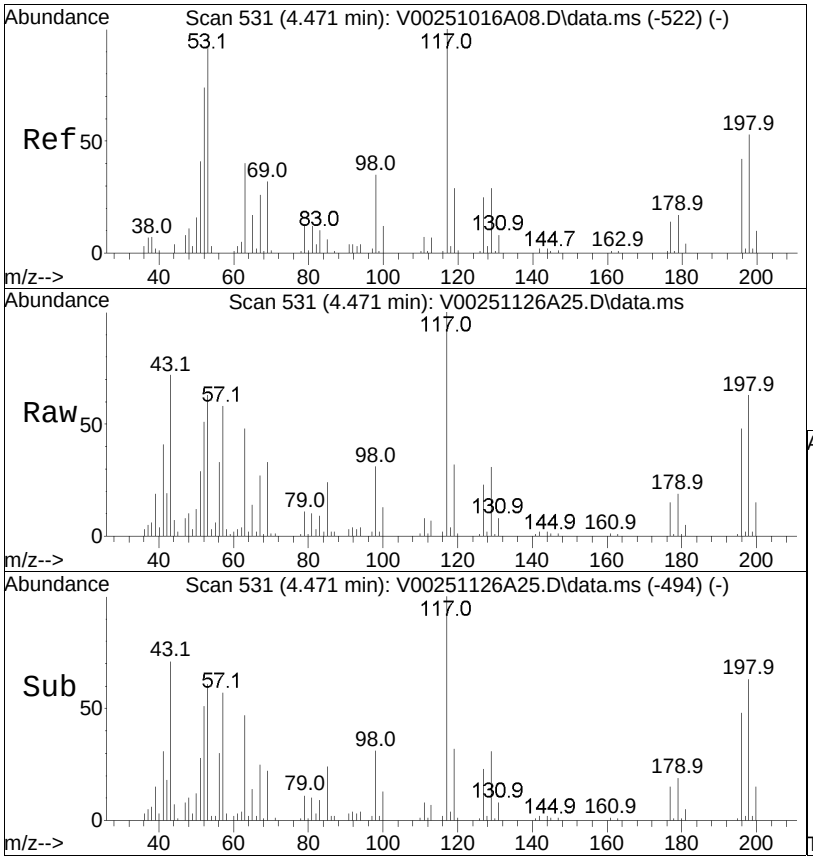


#23
1,1-Dichloroethane
Concen: 55.74 ug/L
RT: 4.439 min Scan# 525
Delta R.T. -0.011 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 63 Resp: 1408123

Ion	Ratio	Lower	Upper
63	100		
65	31.5	10.4	50.4
83	19.3	0.0	32.6

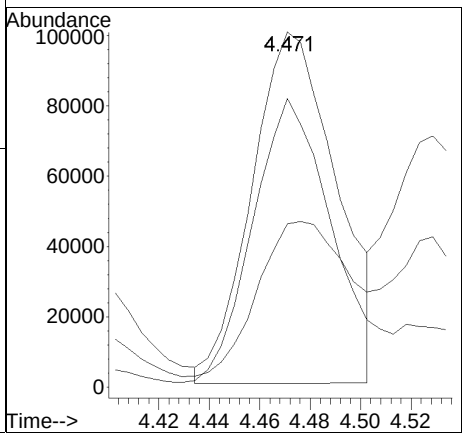


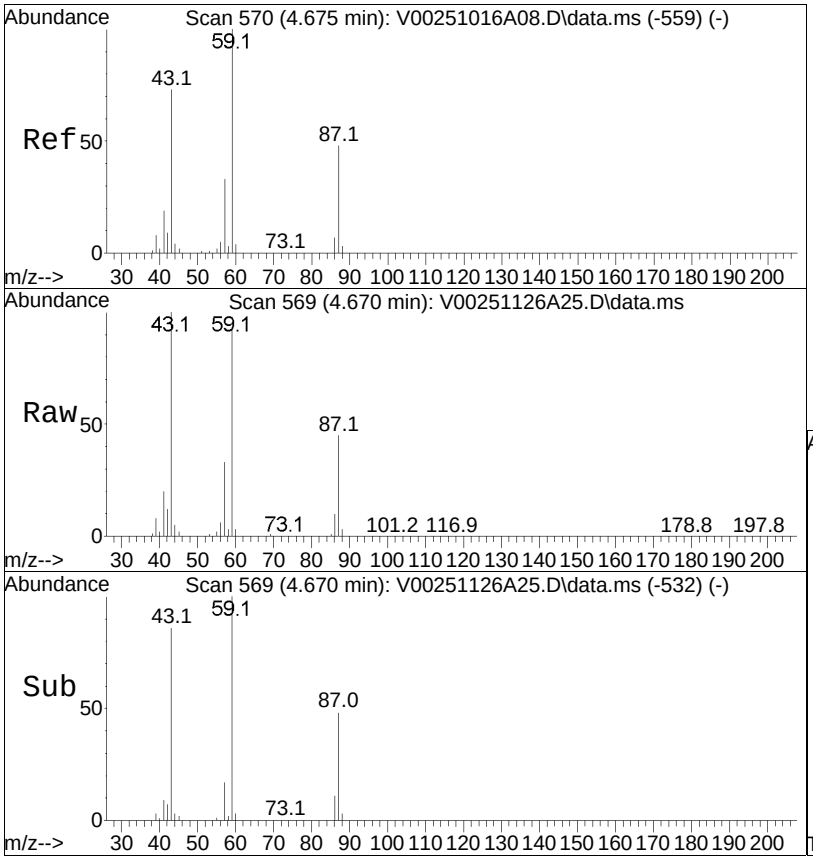


#25
Acrylonitrile
Concen: 60.73 ug/L
RT: 4.471 min Scan# 531
Delta R.T. -0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 53 Resp: 232834

Ion	Ratio	Lower	Upper
53	100		
52	78.1	65.8	98.6
51	48.3	55.1	82.7#

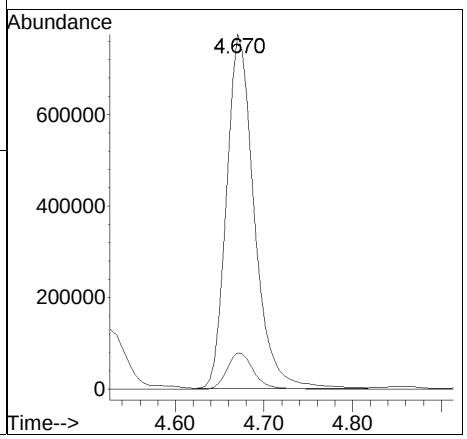


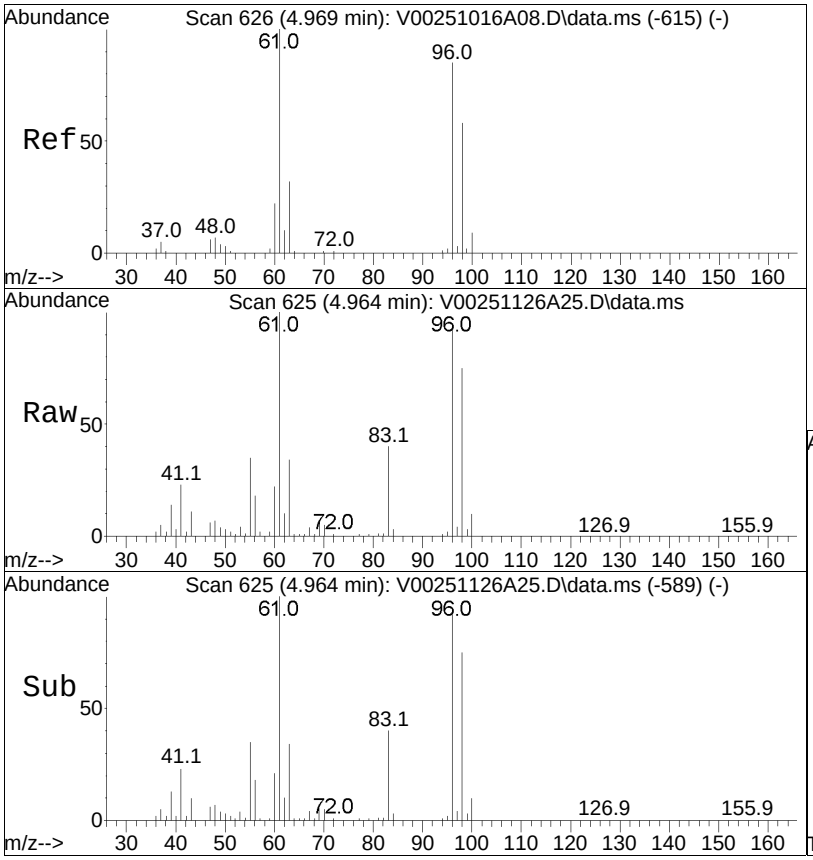


#27
Vinyl acetate
Concen: 57.73 ug/L
RT: 4.670 min Scan# 569
Delta R.T. -0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 43 Resp: 1681312

Ion	Ratio	Lower	Upper
43	100		
86	10.2	9.0	13.4

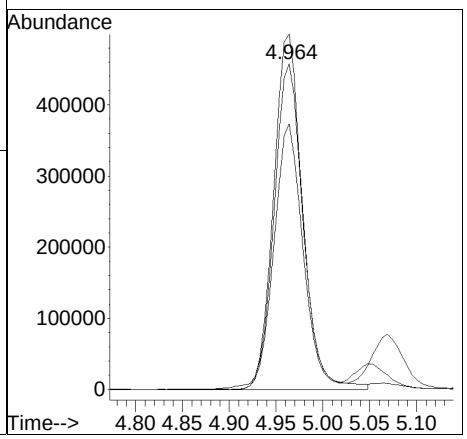


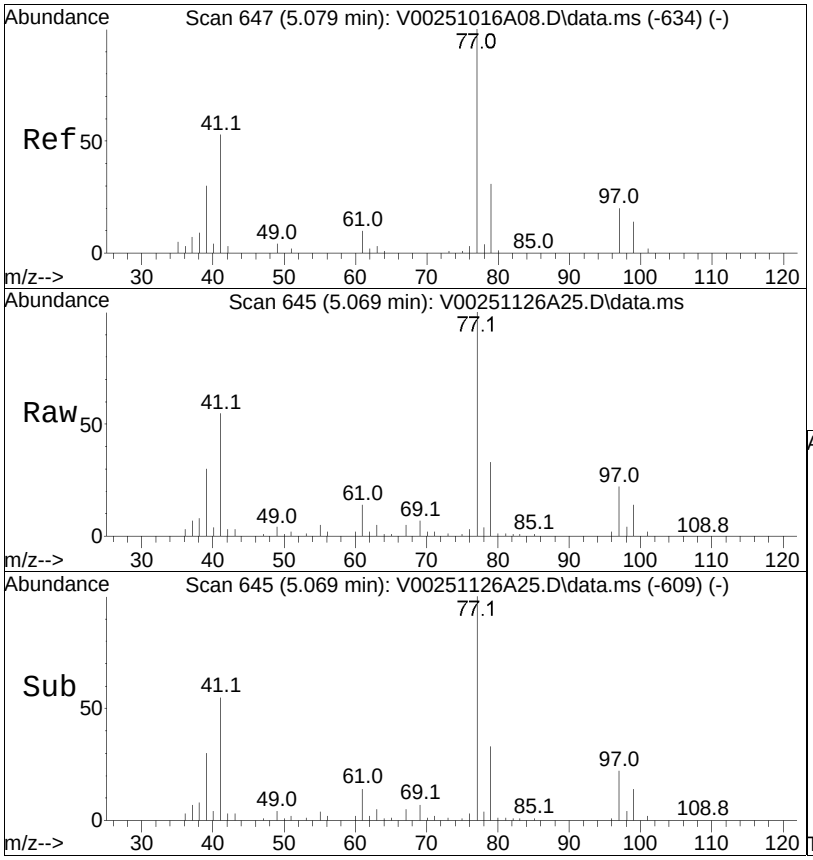


#28
cis-1,2-Dichloroethene
Concen: 62.58 ug/L
RT: 4.964 min Scan# 625
Delta R.T. -0.010 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 96 Resp: 1001501

Ion	Ratio	Lower	Upper
96	100		
61	106.7	107.8	161.8#
98	80.4	51.4	77.0#

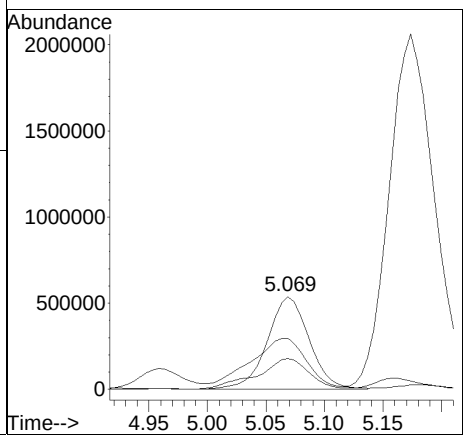


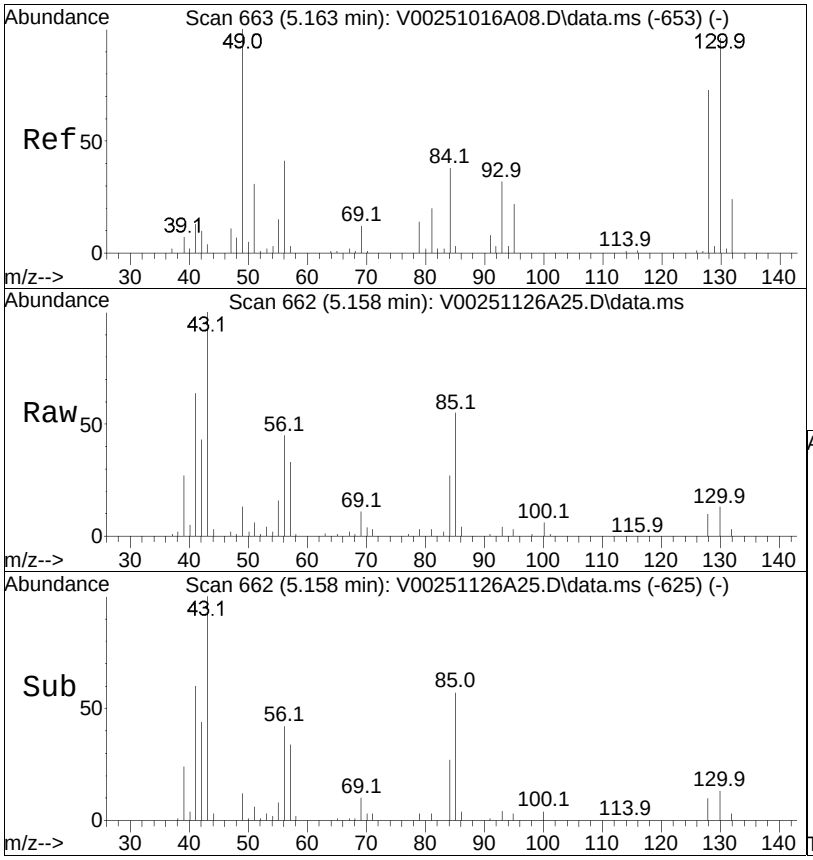


#29
2,2-Dichloropropane
Concen: 64.13 ug/L
RT: 5.069 min Scan# 645
Delta R.T. -0.010 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 77 Resp: 1334739

Ion	Ratio	Lower	Upper
77	100		
41	67.3	31.3	64.9#
79	40.2	21.1	43.9

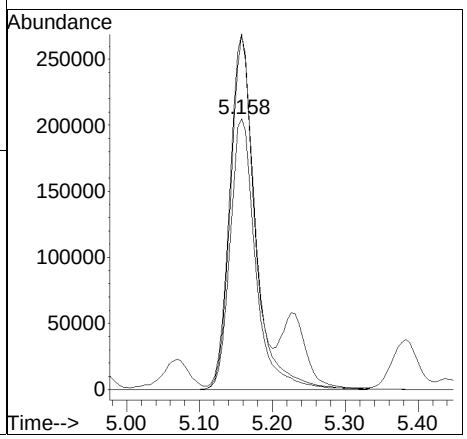


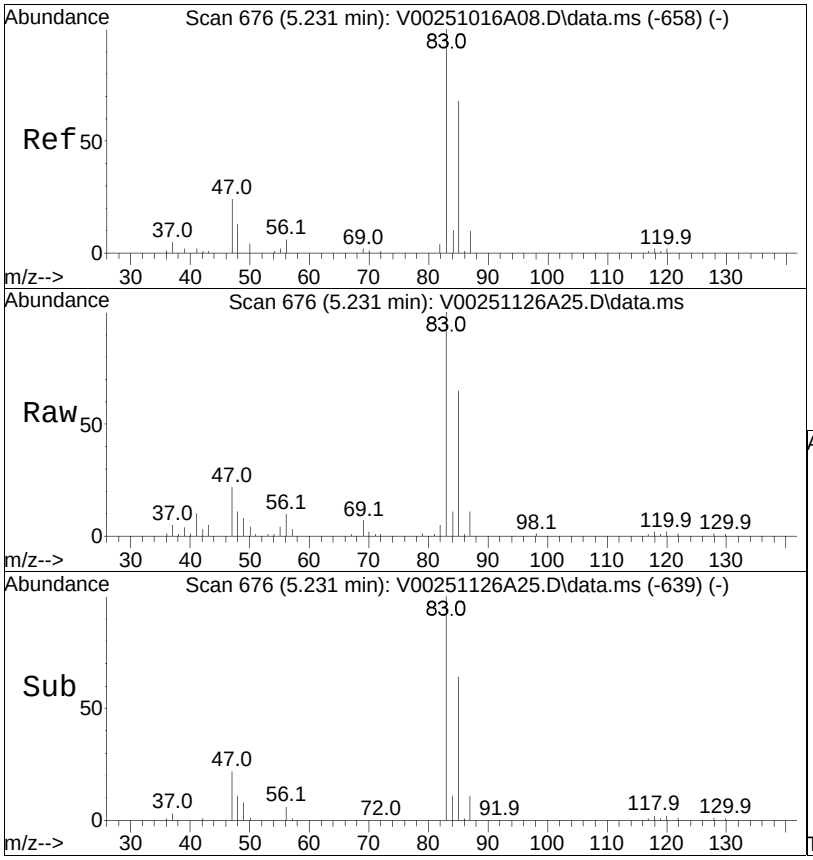


#31
Bromochloromethane
Concen: 62.84 ug/L
RT: 5.158 min Scan# 662
Delta R.T. -0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:128 Resp: 499870

Ion	Ratio	Lower	Upper
128	100		
49	121.6	113.6	170.4
130	128.4	101.9	152.9

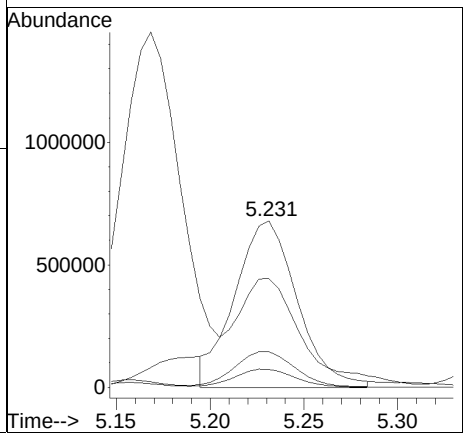


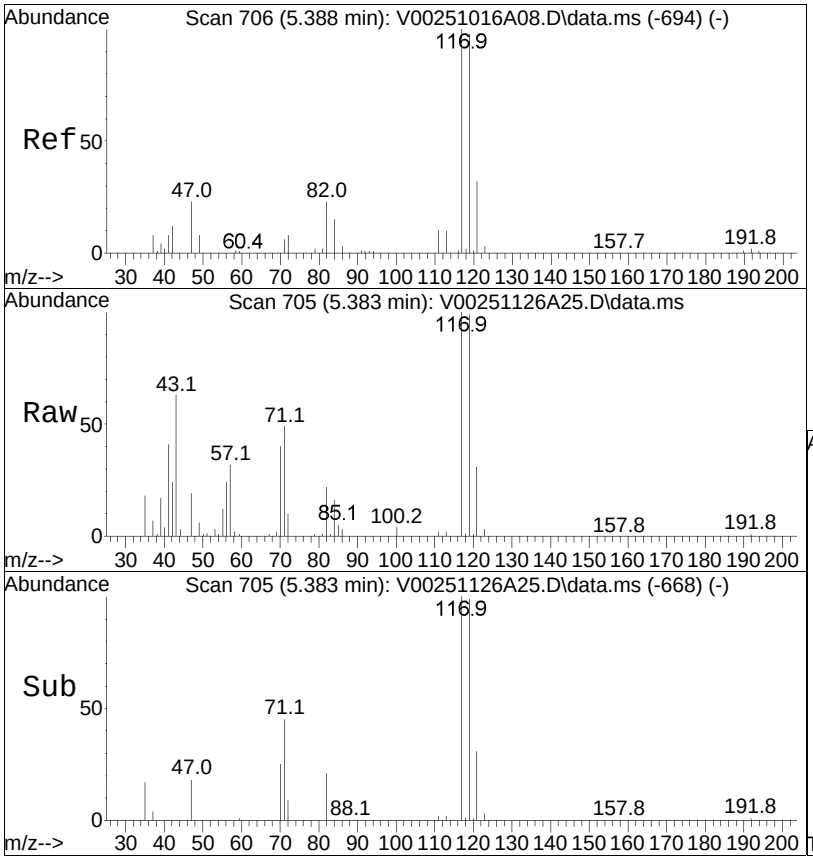


#33
Chloroform
Concen: 57.81 ug/L M3
RT: 5.231 min Scan# 676
Delta R.T. -0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 83 Resp: 1573726

Ion	Ratio	Lower	Upper
83	100		
85	68.7	43.3	89.9
47	21.1	14.4	29.8
48	10.8	7.5	15.7

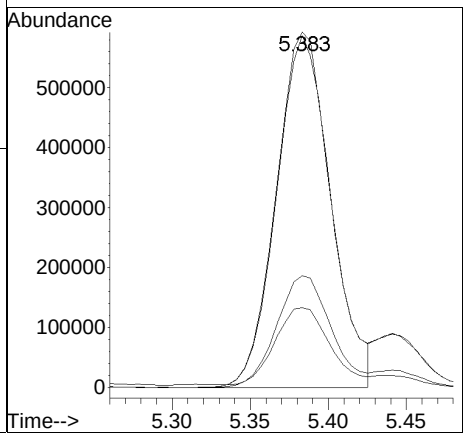


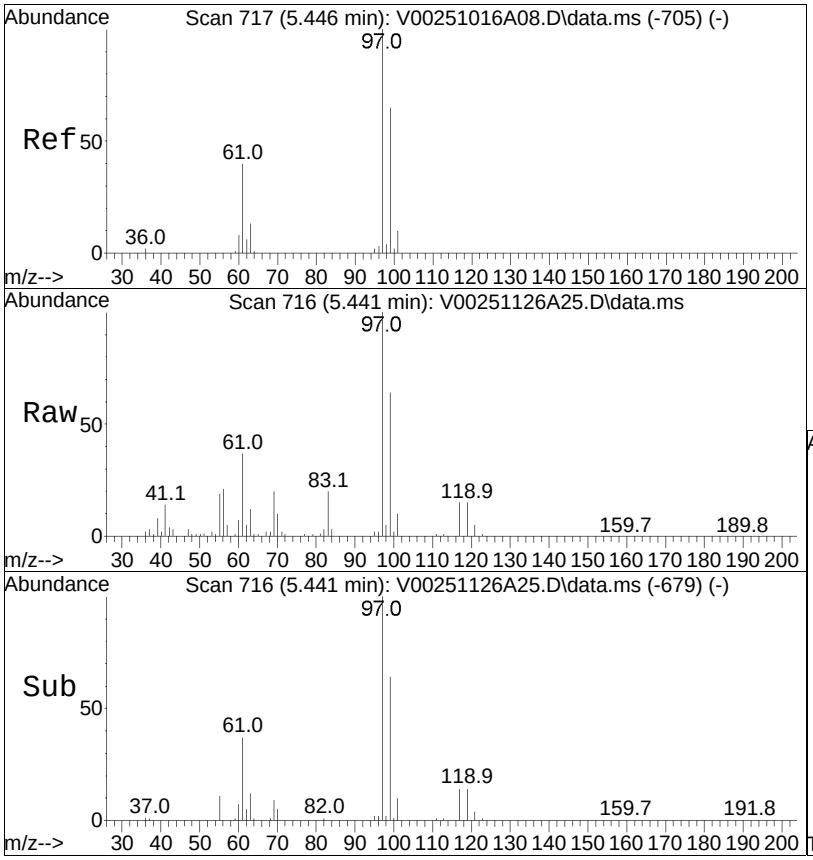


#35
Carbon tetrachloride
Concen: 73.39 ug/L
RT: 5.383 min Scan# 705
Delta R.T. -0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:117 Resp: 1443852

Ion	Ratio	Lower	Upper
117	100		
119	98.2	62.7	130.3
121	31.4	20.5	42.7
82	21.5	17.4	36.2

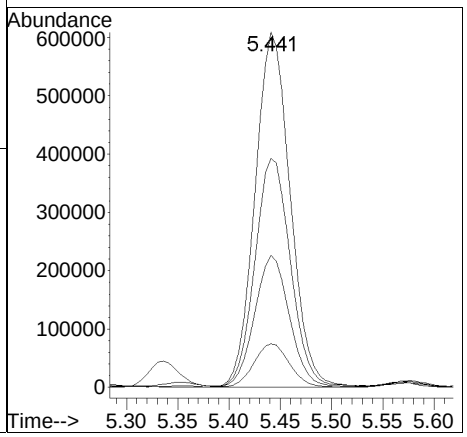


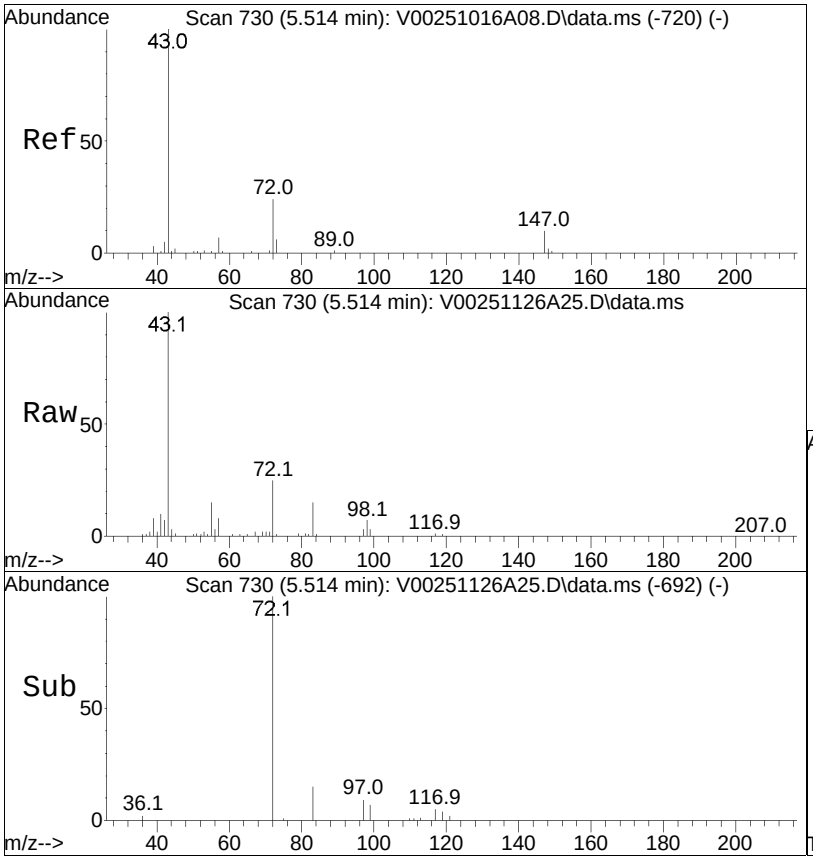


#38
1,1,1-Trichloroethane
Concen: 70.87 ug/L
RT: 5.441 min Scan# 716
Delta R.T. -0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 97 Resp: 1459804

Ion	Ratio	Lower	Upper
97	100		
99	64.9	41.5	86.3
61	36.7	30.6	63.6
63	12.1	9.9	20.5

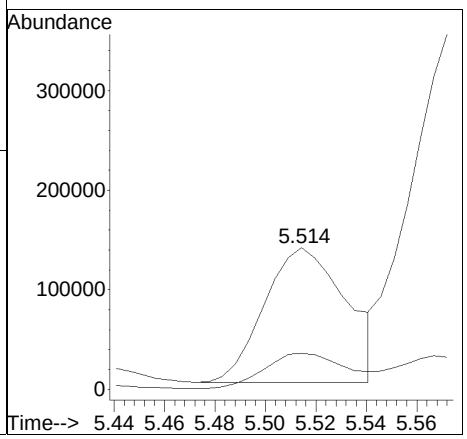


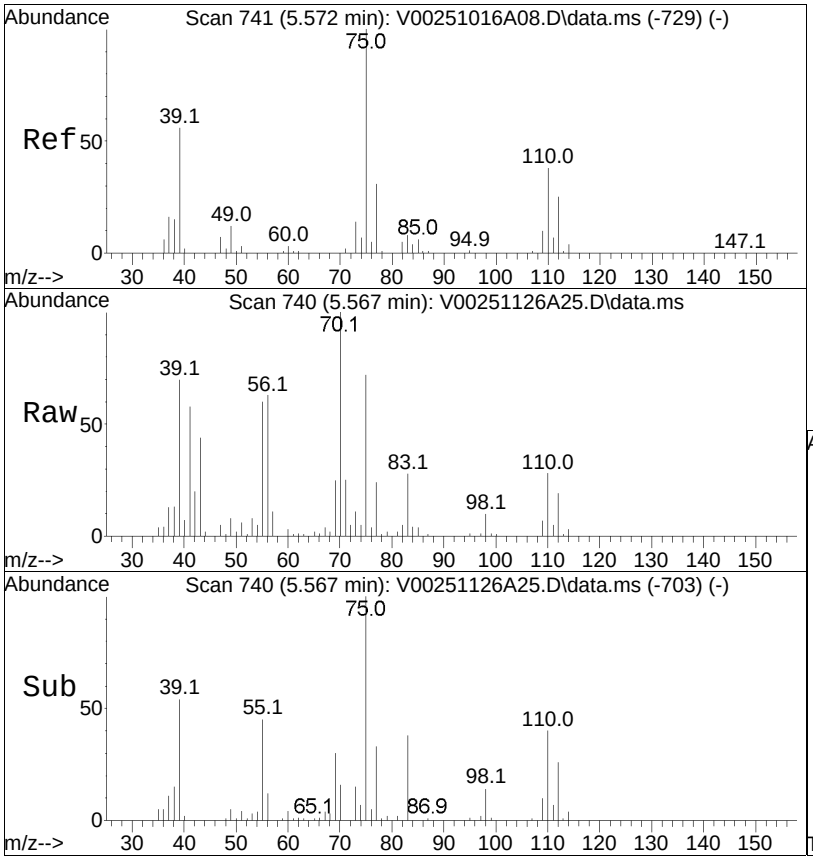


#40
2-Butanone
Concen: 59.48 ug/L
RT: 5.514 min Scan# 730
Delta R.T. 0.000 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 43 Resp: 304561

Ion	Ratio	Lower	Upper
43	100		
72	26.1	19.4	29.0

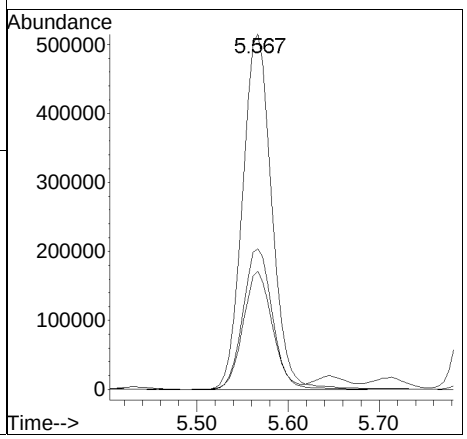


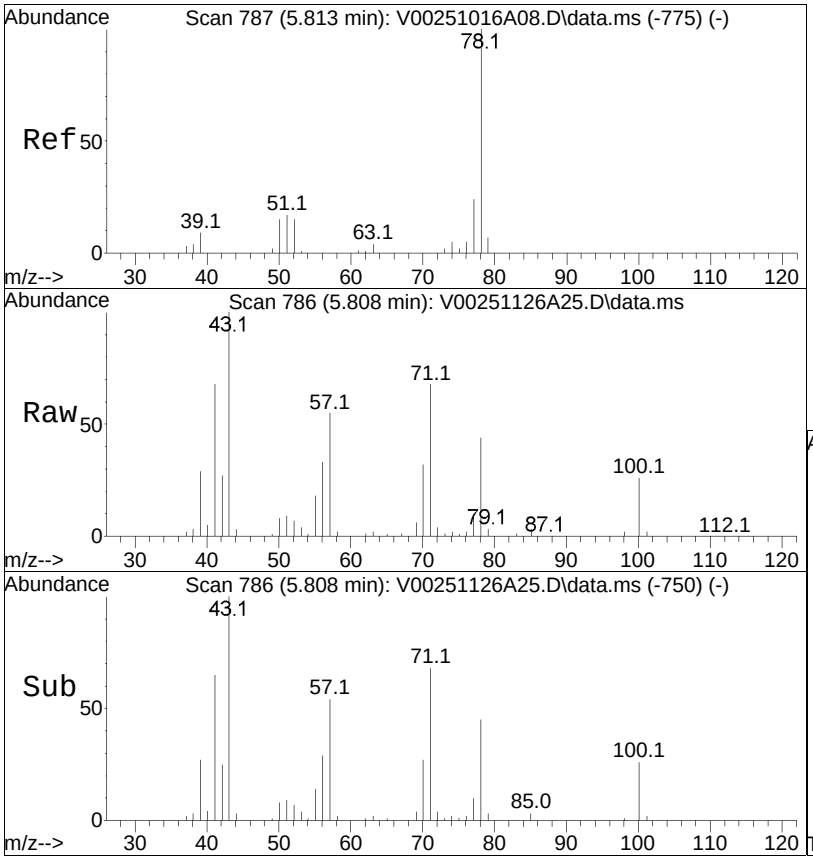


#41
1,1-Dichloropropene
Concen: 69.44 ug/L
RT: 5.567 min Scan# 740
Delta R.T. -0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 75 Resp: 1147968

Ion	Ratio	Lower	Upper
75	100		
110	39.9	22.9	47.5
77	33.5	19.6	40.6

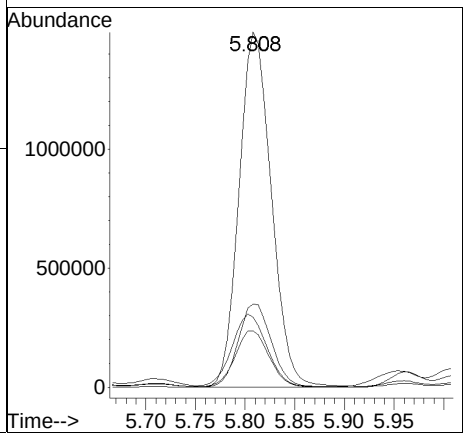


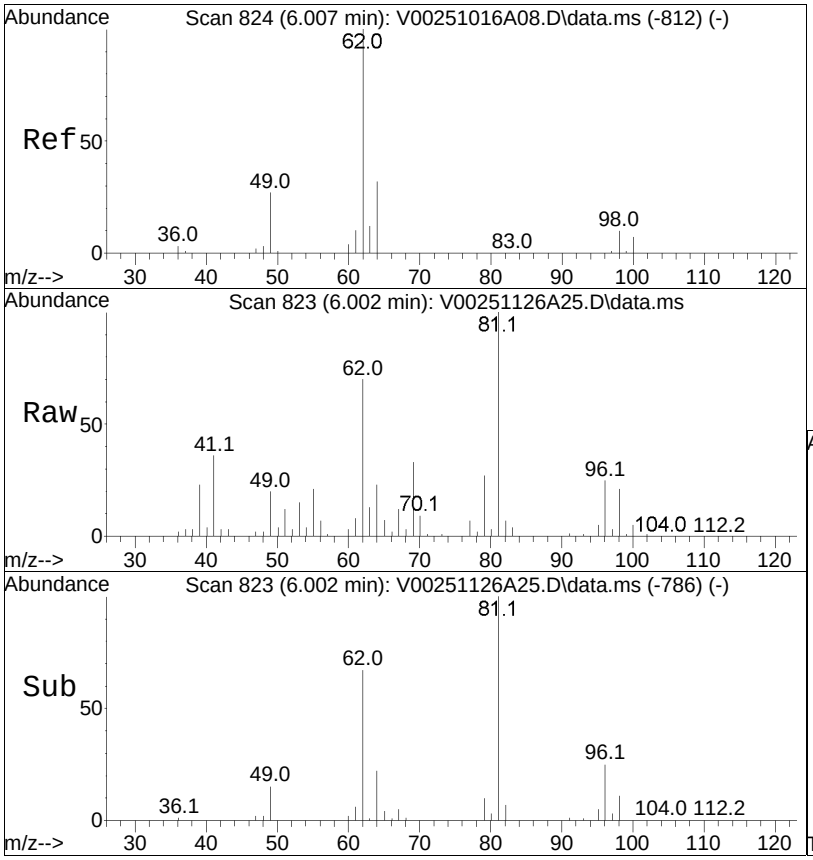


#42
Benzene
Concen: 63.29 ug/L
RT: 5.808 min Scan# 786
Delta R.T. -0.010 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 78 Resp: 3386926

Ion	Ratio	Lower	Upper
78	100		
77	24.0	15.6	32.4
51	22.1	10.2	21.2#
52	16.7	9.6	19.8

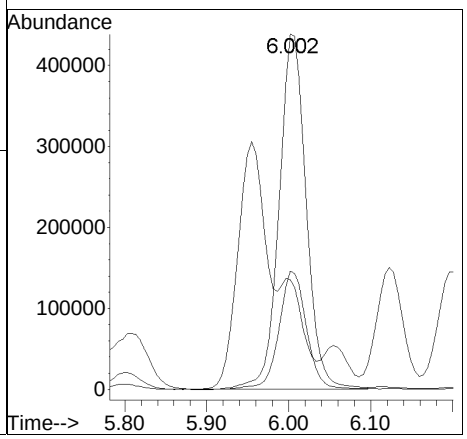


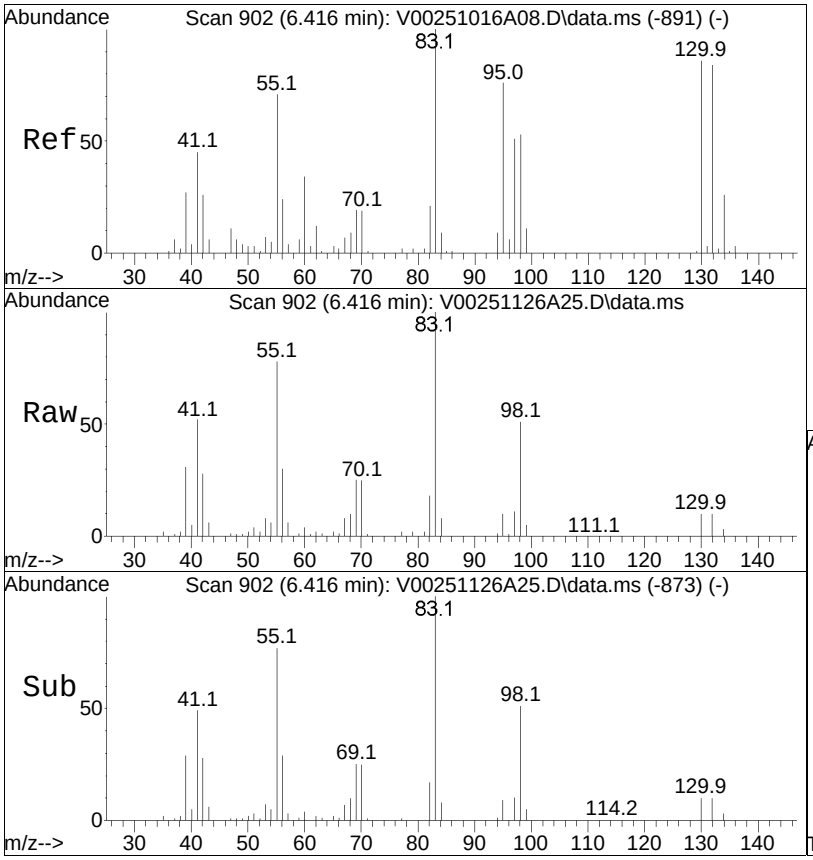


#45
1,2-Dichloroethane
Concen: 58.77 ug/L
RT: 6.002 min Scan# 823
Delta R.T. -0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 62 Resp: 1011228

Ion	Ratio	Lower	Upper
62	100		
64	33.7	12.6	52.6
98	74.7	0.0	28.7#

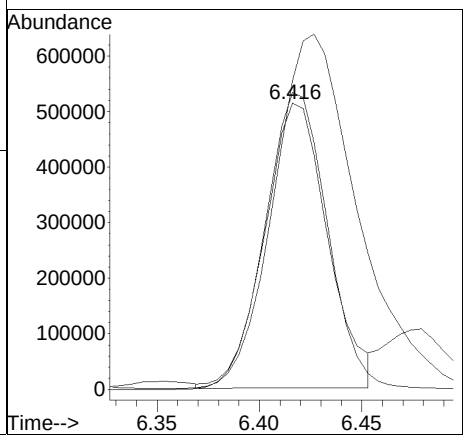


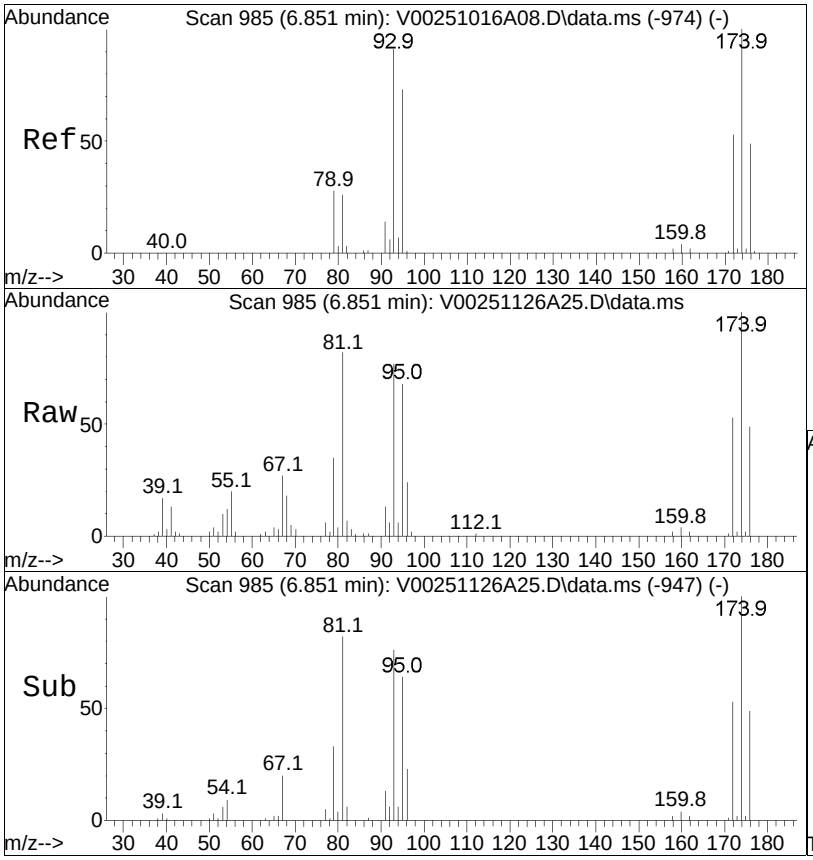


#49
Trichloroethene
Concen: 74.01 ug/L
RT: 6.416 min Scan# 902
Delta R.T. 0.000 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 95 Resp: 1098838

Ion	Ratio	Lower	Upper
95	100		
97	166.2	54.2	81.4#
130	104.3	77.0	115.6

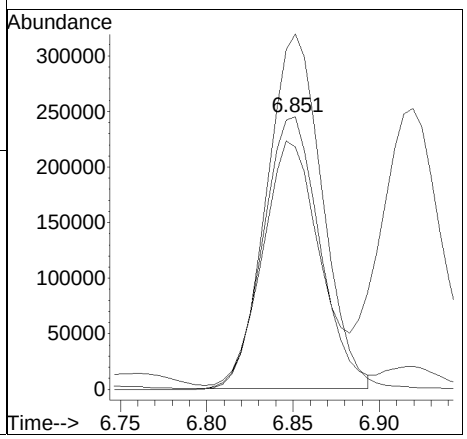


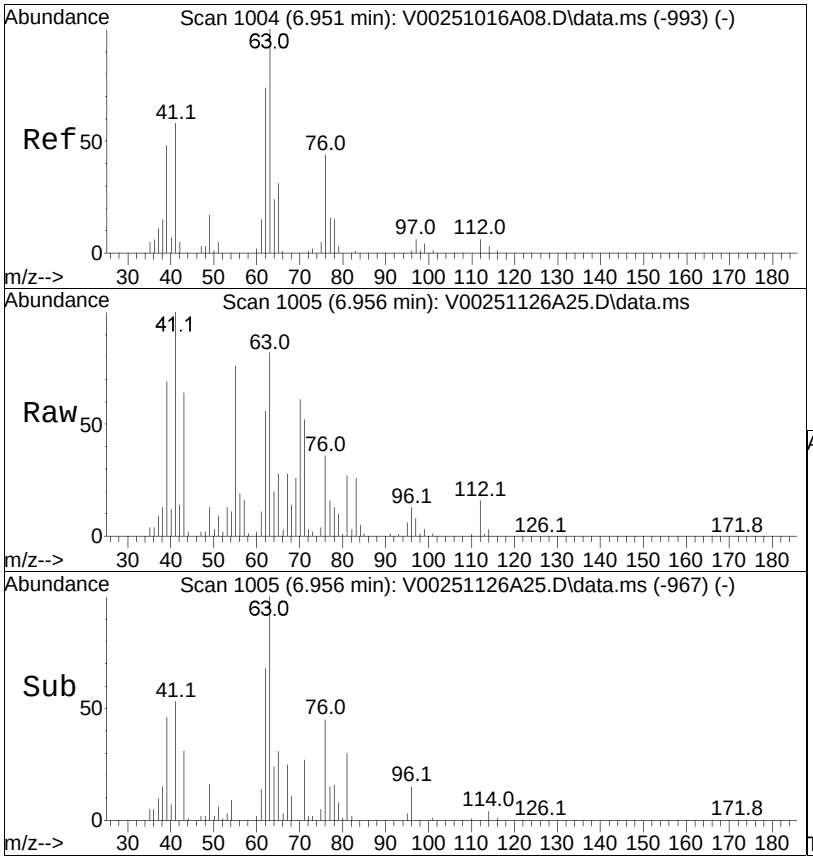


#51
Dibromomethane
Concen: 60.14 ug/L
RT: 6.851 min Scan# 985
Delta R.T. 0.000 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 93 Resp: 558913

Ion	Ratio	Lower	Upper
93	100		
95	90.2	66.6	100.0
174	129.4	76.7	115.1#

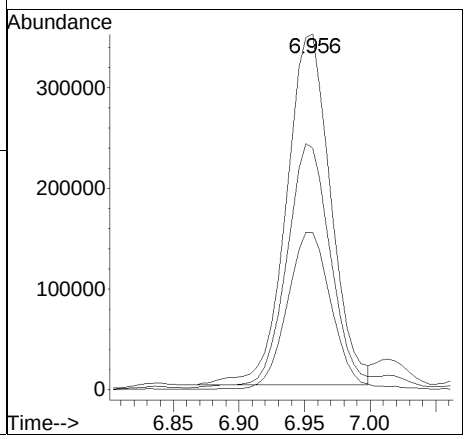


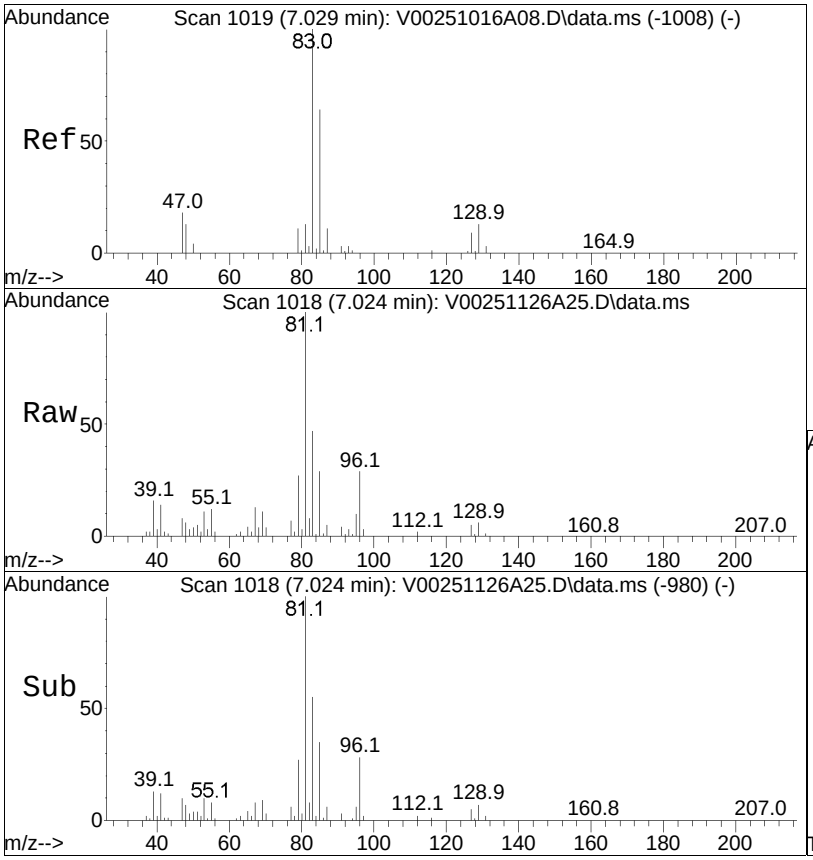


#52
1,2-Dichloropropane
Concen: 59.48 ug/L
RT: 6.956 min Scan# 1005
Delta R.T. 0.000 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 63 Resp: 823985

Ion	Ratio	Lower	Upper
63	100		
62	69.0	57.8	86.8
76	44.4	34.0	51.0

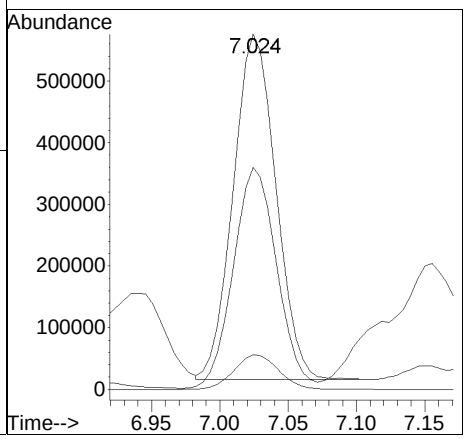


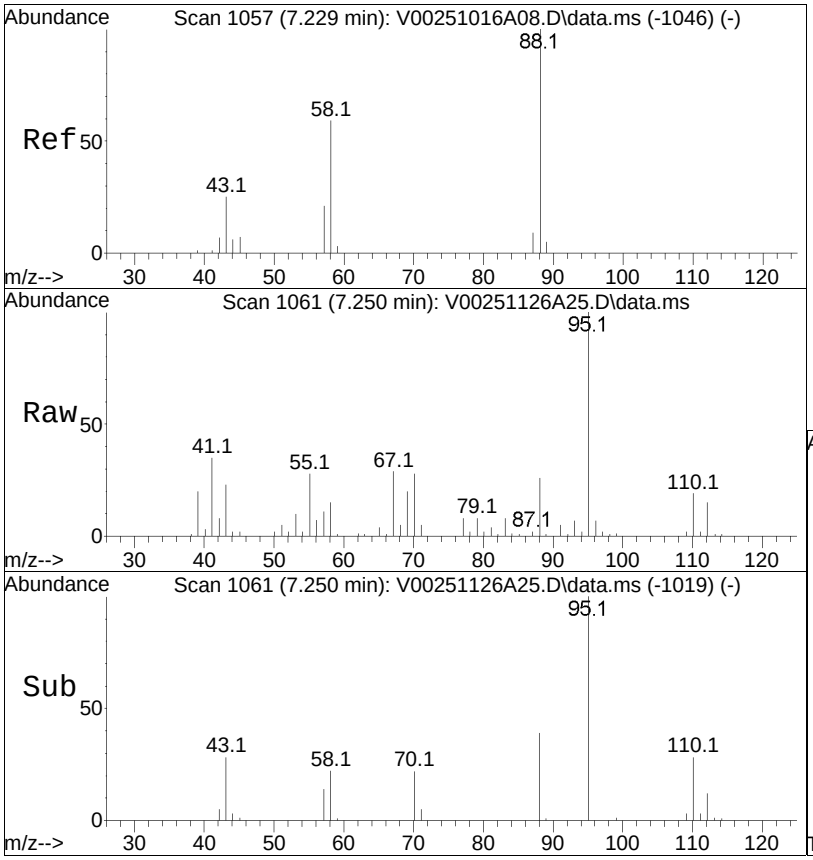


#55
Bromodichloromethane
Concen: 59.23 ug/L
RT: 7.024 min Scan# 1018
Delta R.T. 0.000 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 83 Resp: 1218220

Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.9	76.3
127	10.5	6.6	9.8#

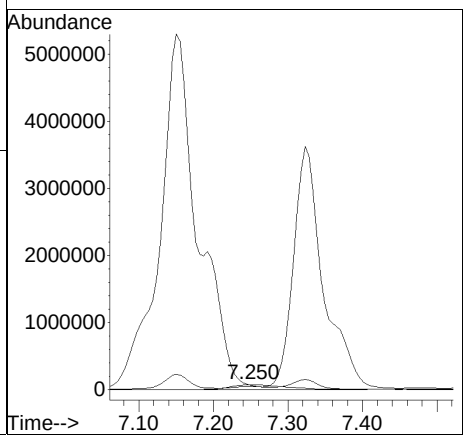


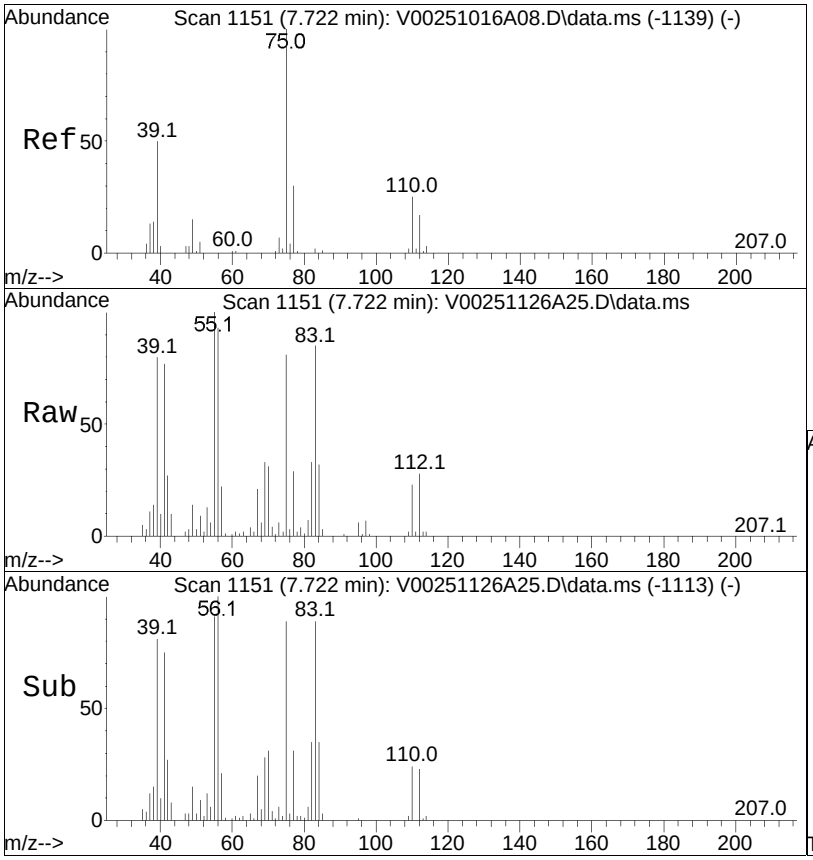


#58
1,4-Dioxane
Concen: 2965.48 ug/L
RT: 7.250 min Scan# 1061
Delta R.T. 0.021 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 88 Resp: 344731

Ion	Ratio	Lower	Upper
88	100		
58	42.1	54.6	82.0#
43	0.0	17.8	26.6#

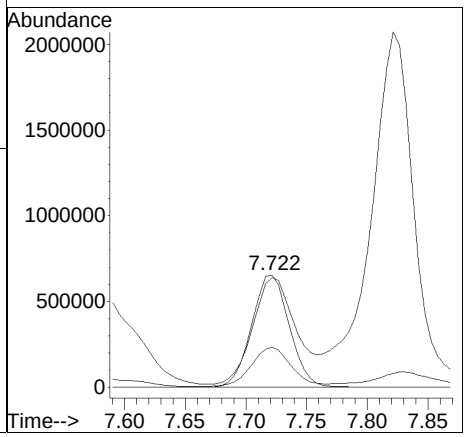


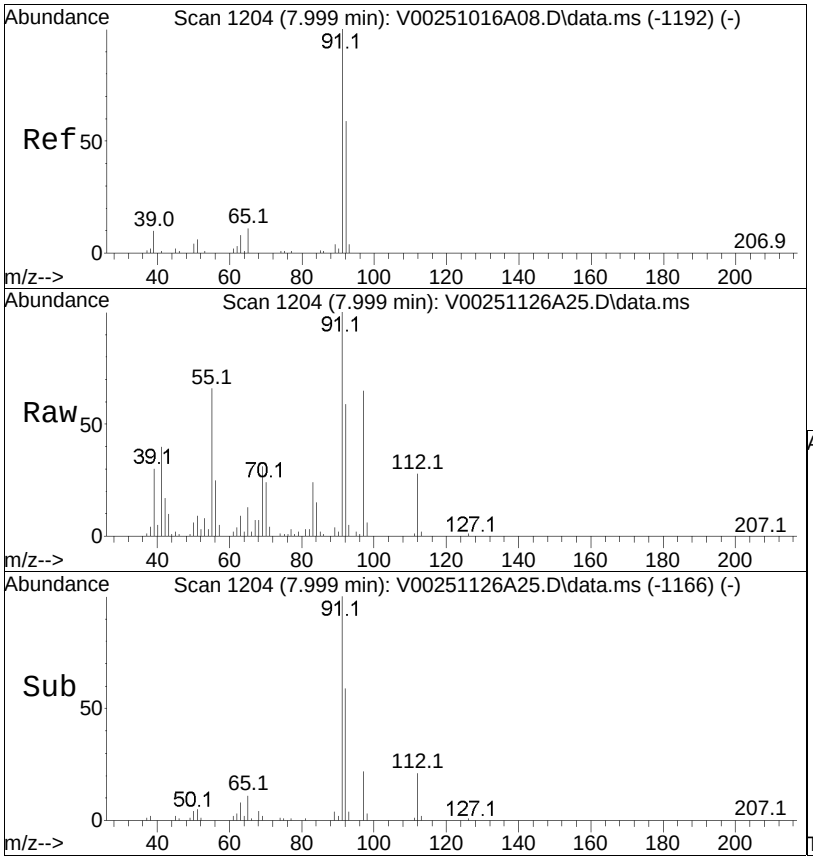


#59
cis-1,3-Dichloropropene
Concen: 62.62 ug/L
RT: 7.722 min Scan# 1151
Delta R.T. -0.000 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 75 Resp: 1424160

Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.7	38.5
39	107.5	32.3	48.5#

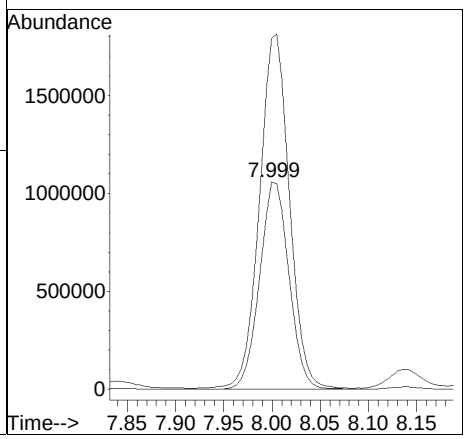


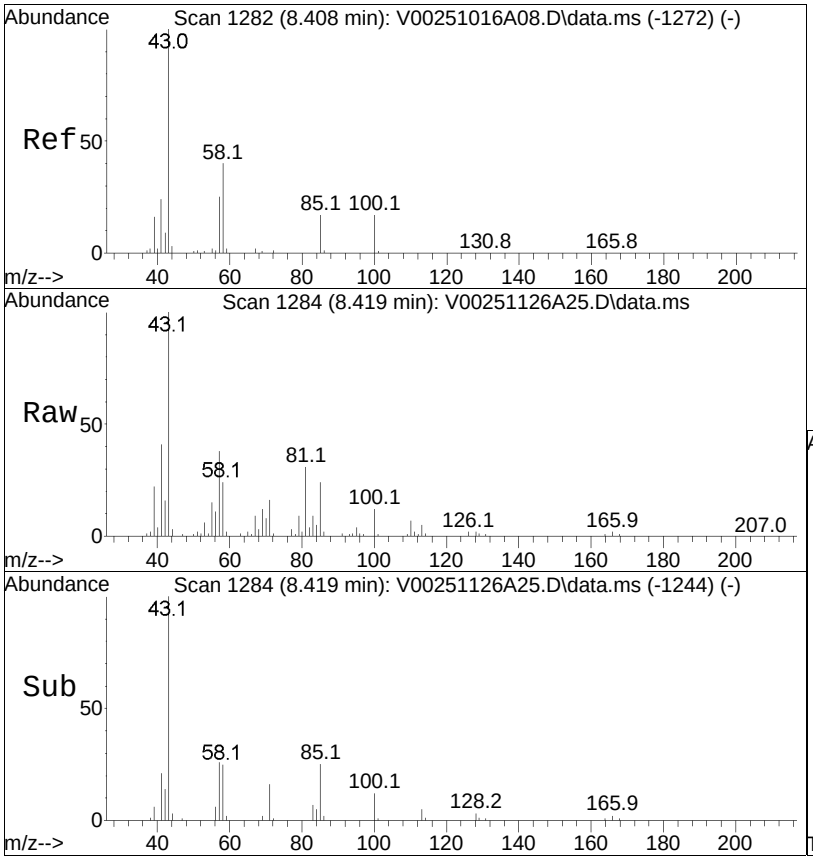


#62
Toluene
Concen: 136.35 ug/L
RT: 7.999 min Scan# 1204
Delta R.T. -0.001 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 92 Resp: 2245259

Ion	Ratio	Lower	Upper
92	100		
91	172.8	138.2	207.2

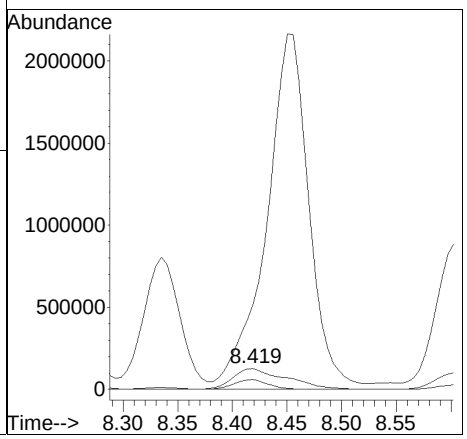


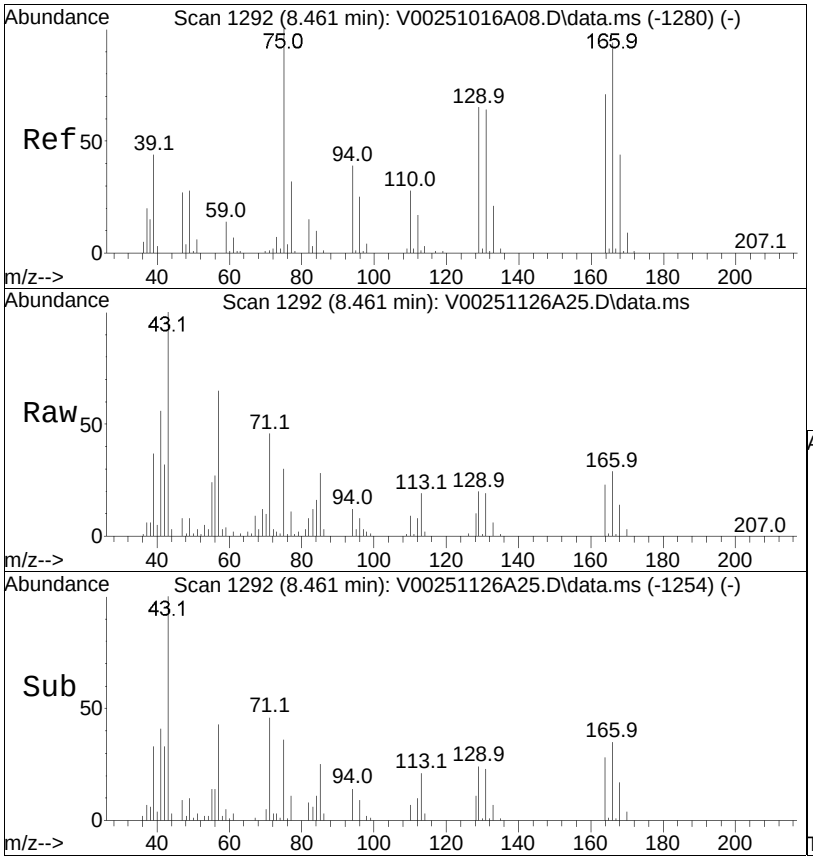


#63
4-Methyl-2-pentanone
Concen: 210.51 ug/L
RT: 8.419 min Scan# 1284
Delta R.T. 0.011 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 58 Resp: 417597

Ion	Ratio	Lower	Upper
58	100		
100	32.3	31.2	46.8
43	1340.1	156.5	234.7#

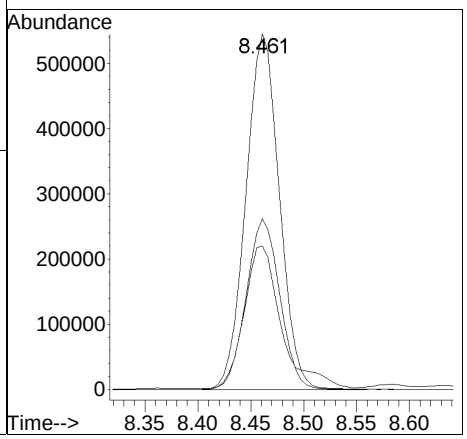


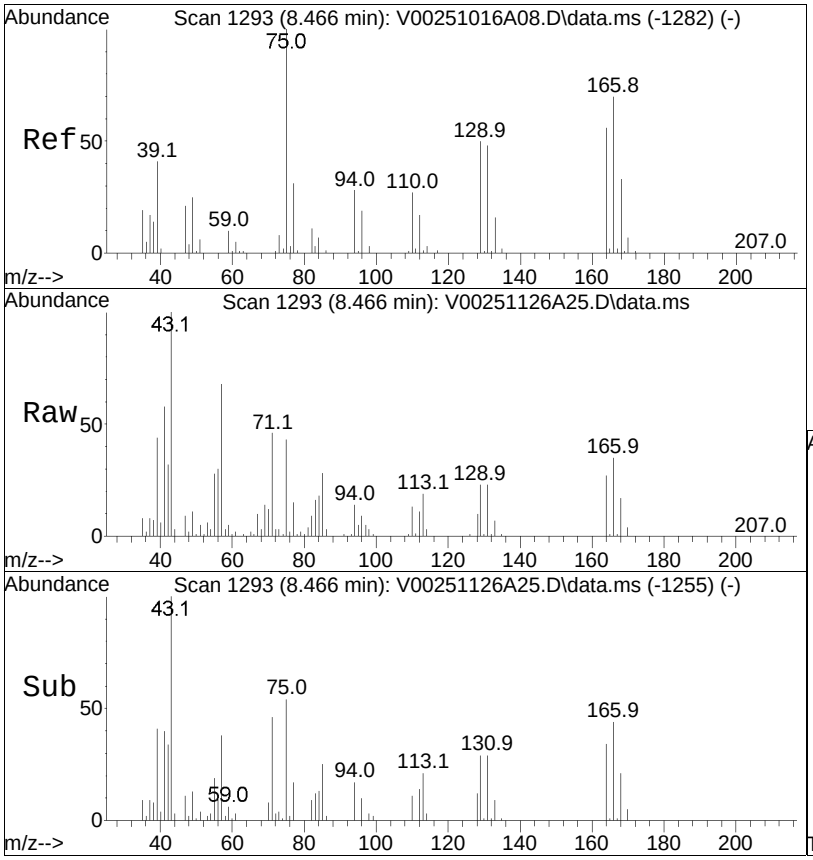


#64
Tetrachloroethene
Concen: 170.02 ug/L
RT: 8.461 min Scan# 1292
Delta R.T. -0.000 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:166 Resp: 1199993

Ion	Ratio	Lower	Upper
166	100		
168	48.2	29.2	69.2
94	44.5	29.0	69.0

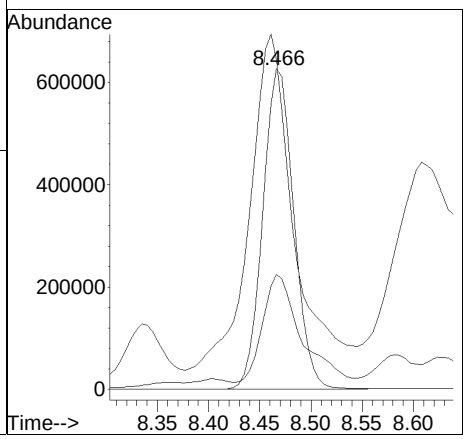


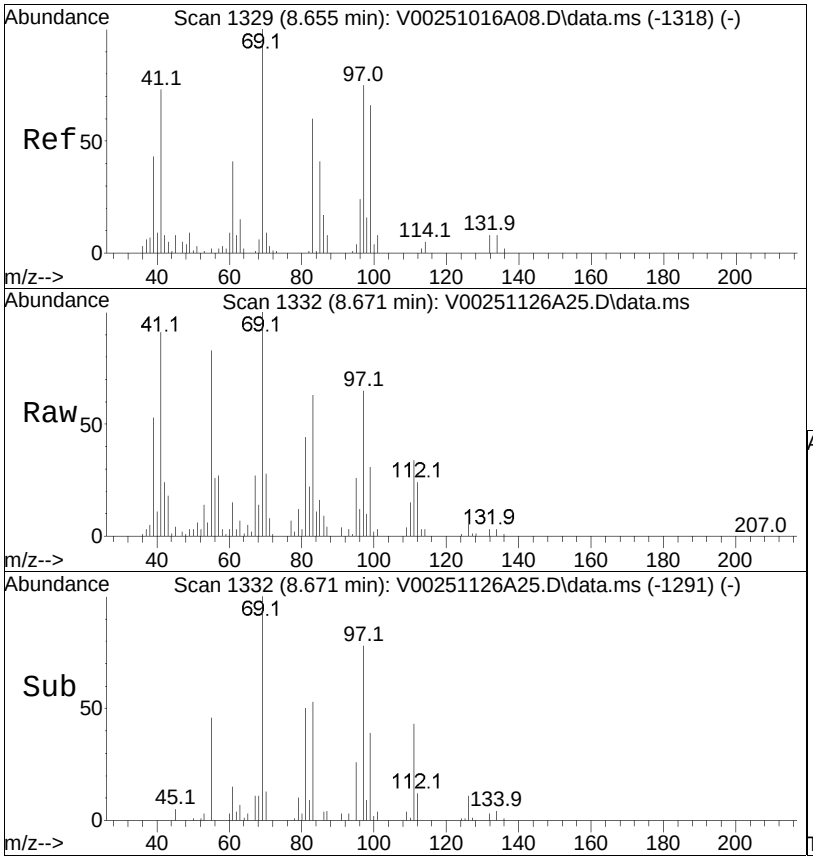


#66
trans-1,3-Dichloropropene
Concen: 134.02 ug/L
RT: 8.466 min Scan# 1293
Delta R.T. 0.000 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 75 Resp: 1322424

Ion	Ratio	Lower	Upper
75	100		
77	41.2	11.8	51.8
39	146.9	23.7	63.7#

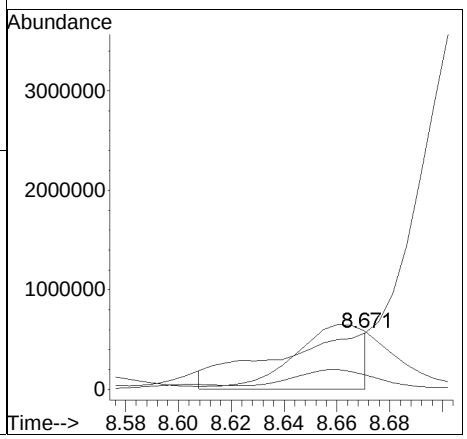


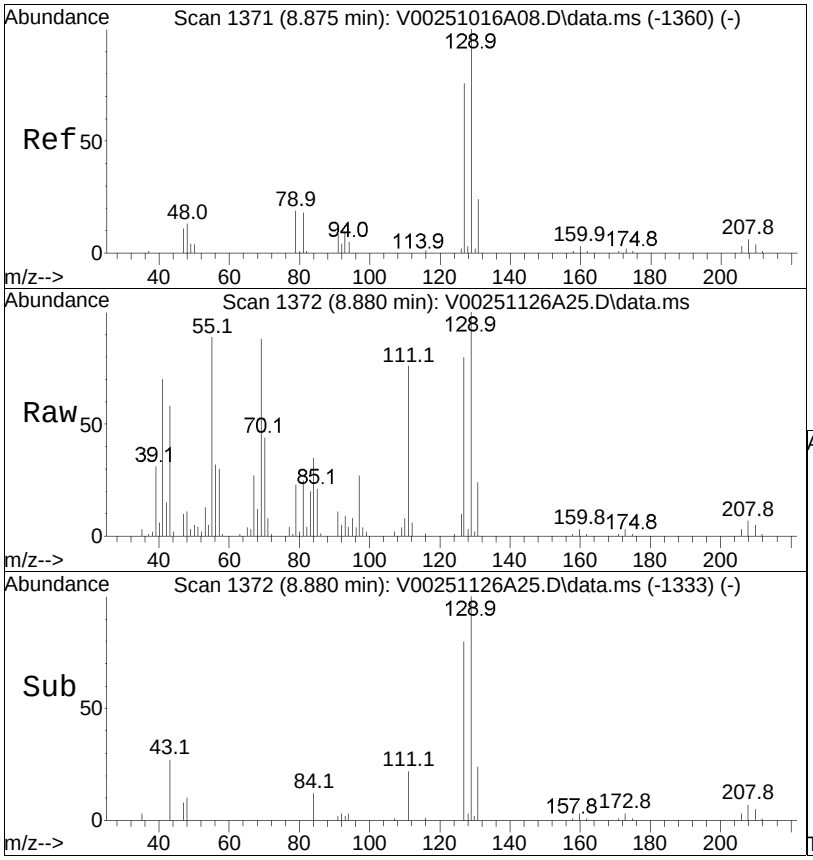


#69
1,1,2-Trichloroethane
Concen: 279.22 ug/L M6
RT: 8.671 min Scan# 1332
Delta R.T. 0.016 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 83 Resp: 1390531

Ion	Ratio	Lower	Upper
83	100		
97	117.3	98.8	138.8
85	33.1	46.5	86.5#

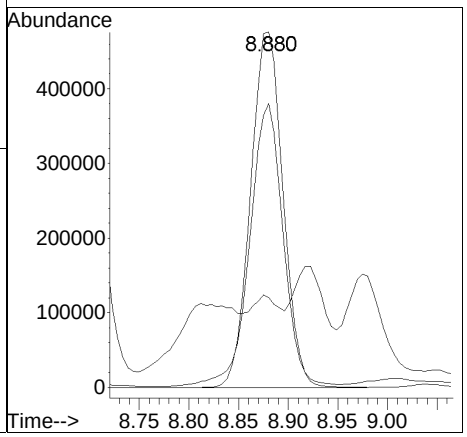


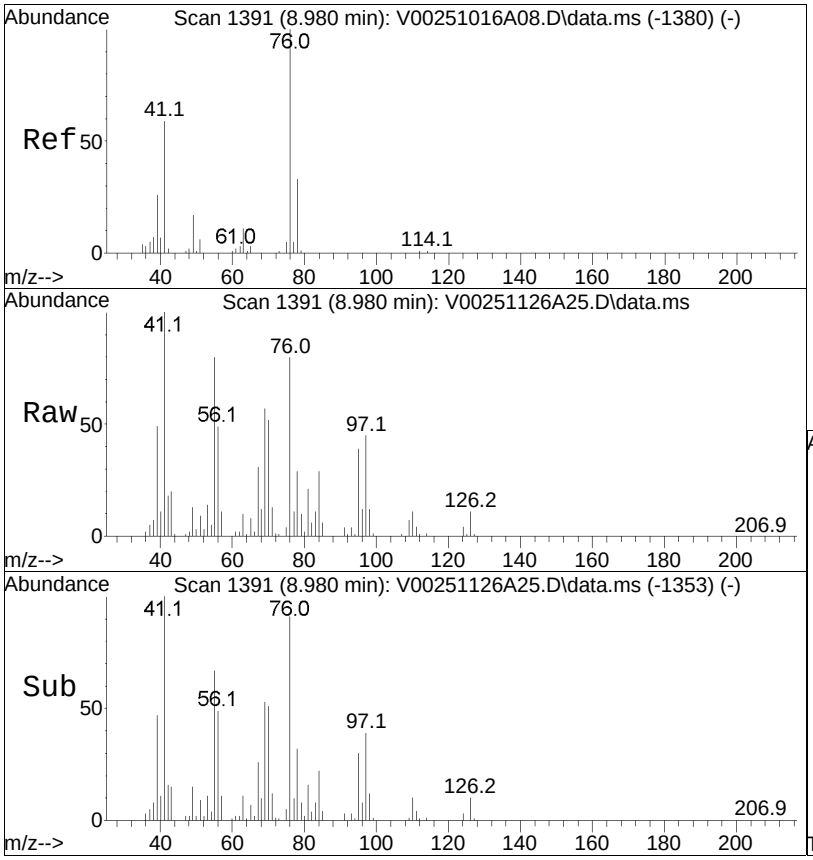


#70
Chlorodibromomethane
Concen: 141.67 ug/L
RT: 8.880 min Scan# 1372
Delta R.T. 0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:129 Resp: 1082162

Ion	Ratio	Lower	Upper
129	100		
81	14.6	0.1	40.1
127	82.5	58.4	98.4

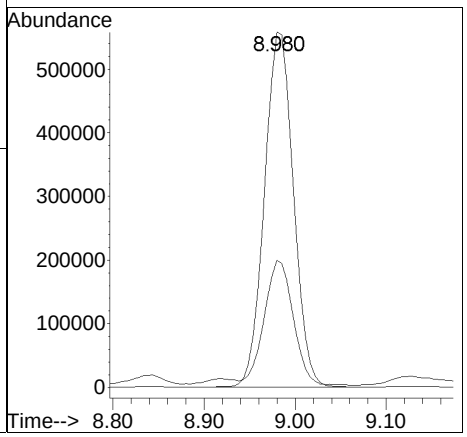


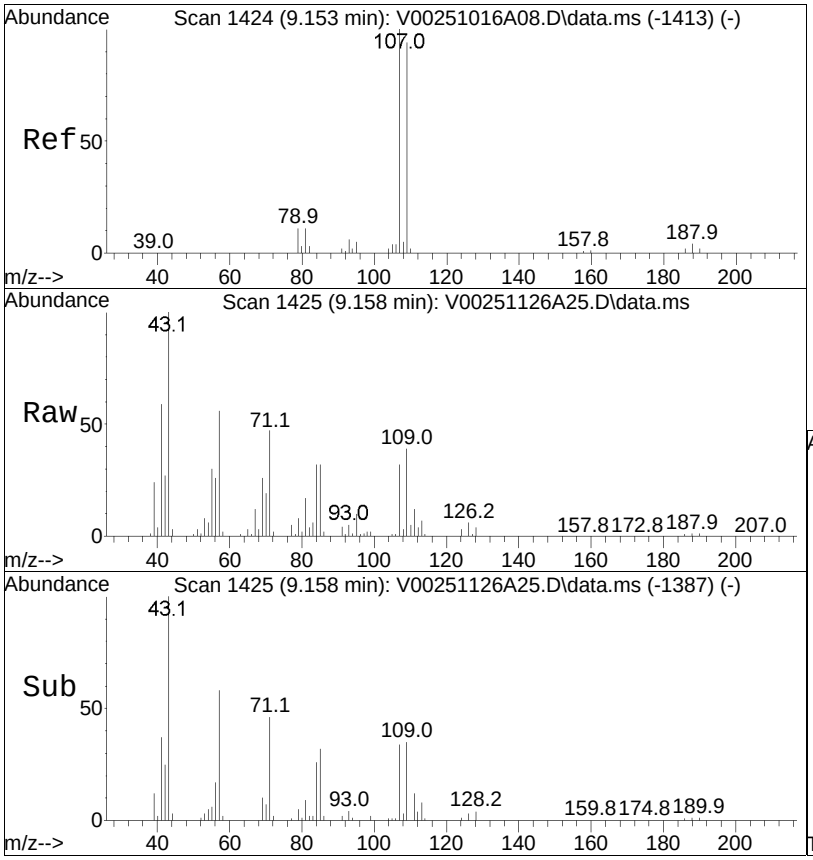


#71
1,3-Dichloropropane
Concen: 129.25 ug/L
RT: 8.980 min Scan# 1391
Delta R.T. -0.000 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 76 Resp: 1235627

Ion	Ratio	Lower	Upper
76	100		
78	35.0	26.2	39.2

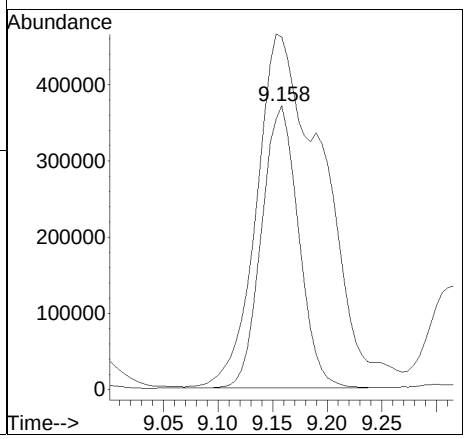


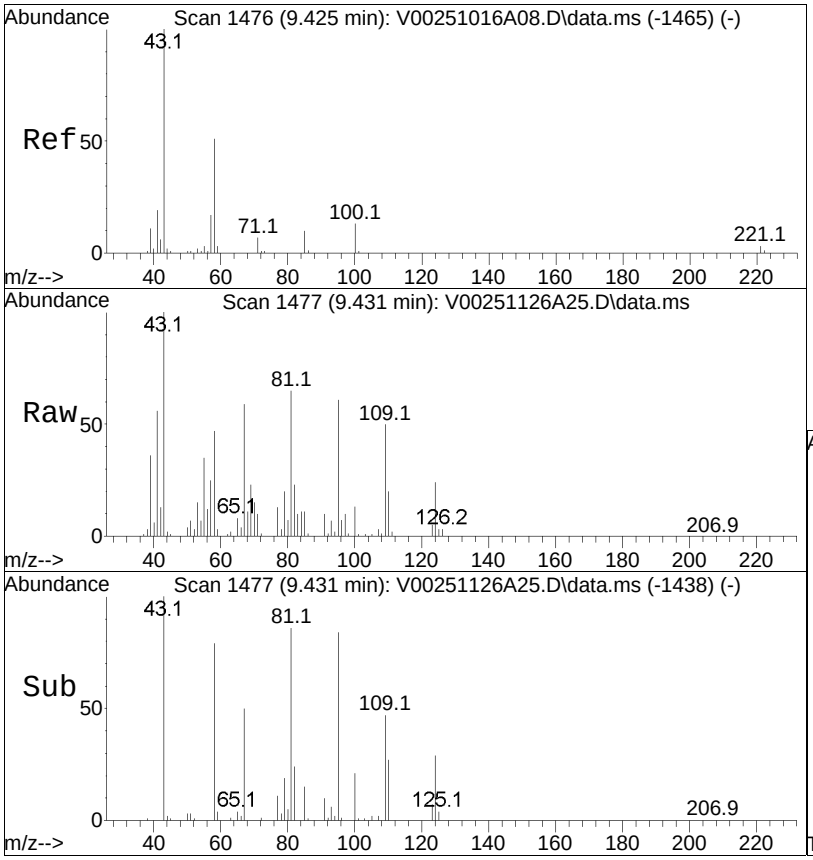


#72
1,2-Dibromoethane
Concen: 149.15 ug/L
RT: 9.158 min Scan# 1425
Delta R.T. 0.000 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:107 Resp: 879141

Ion	Ratio	Lower	Upper
107	100		
109	224.2	75.4	113.0#

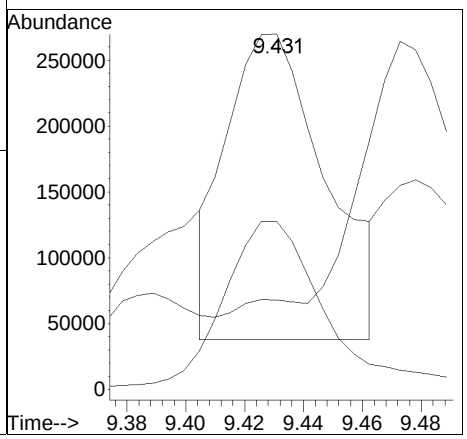


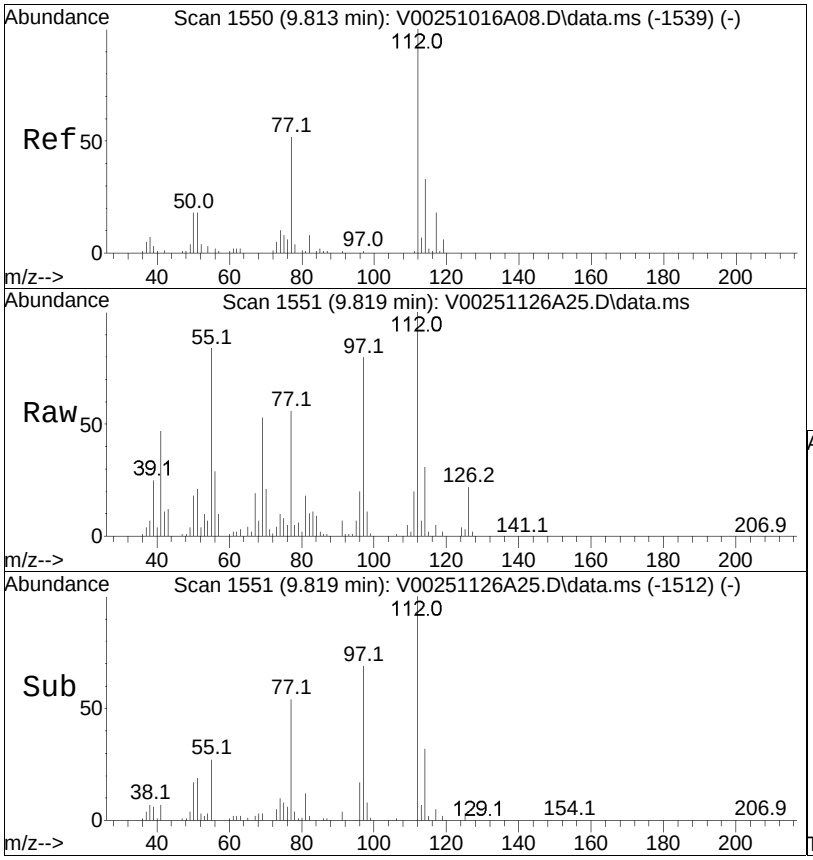


#73
2-Hexanone
Concen: 143.38 ug/L M6
RT: 9.431 min Scan# 1477
Delta R.T. 0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 43 Resp: 544736

Ion	Ratio	Lower	Upper
43	100		
58	55.2	54.2	81.4
57	0.0	17.8	26.6#

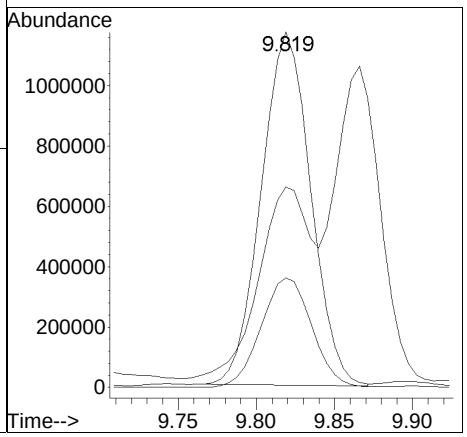


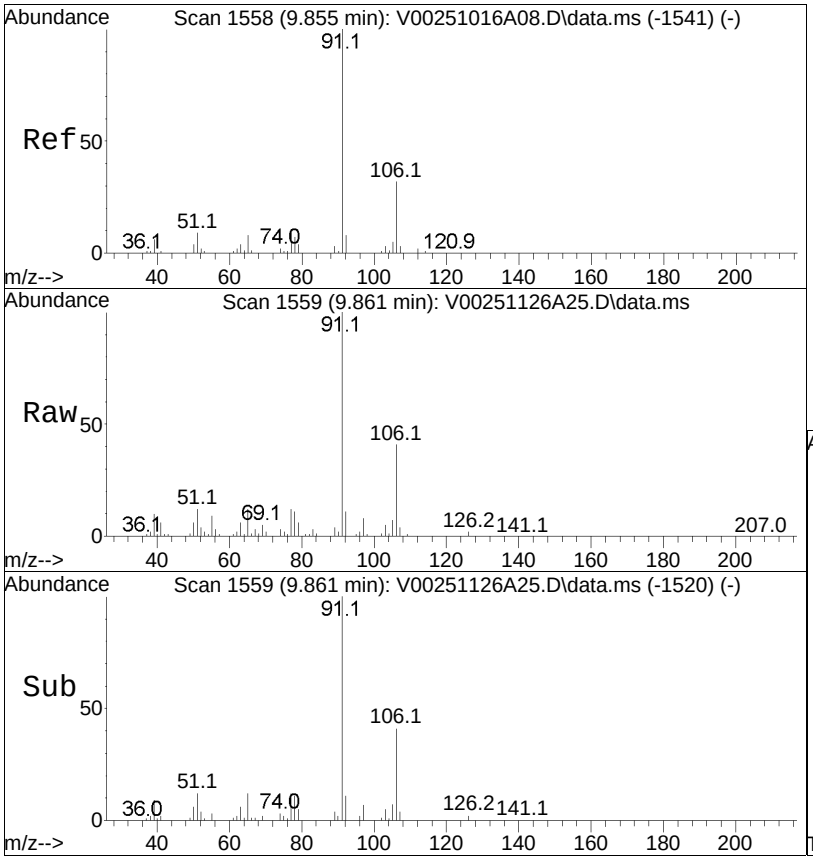


#74
Chlorobenzene
Concen: 130.13 ug/L
RT: 9.819 min Scan# 1551
Delta R.T. 0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:112 Resp: 2573630

Ion	Ratio	Lower	Upper
112	100		
77	59.5	57.9	86.9
114	31.8	25.7	38.5

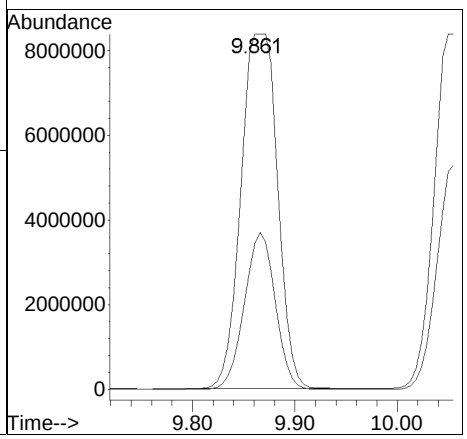


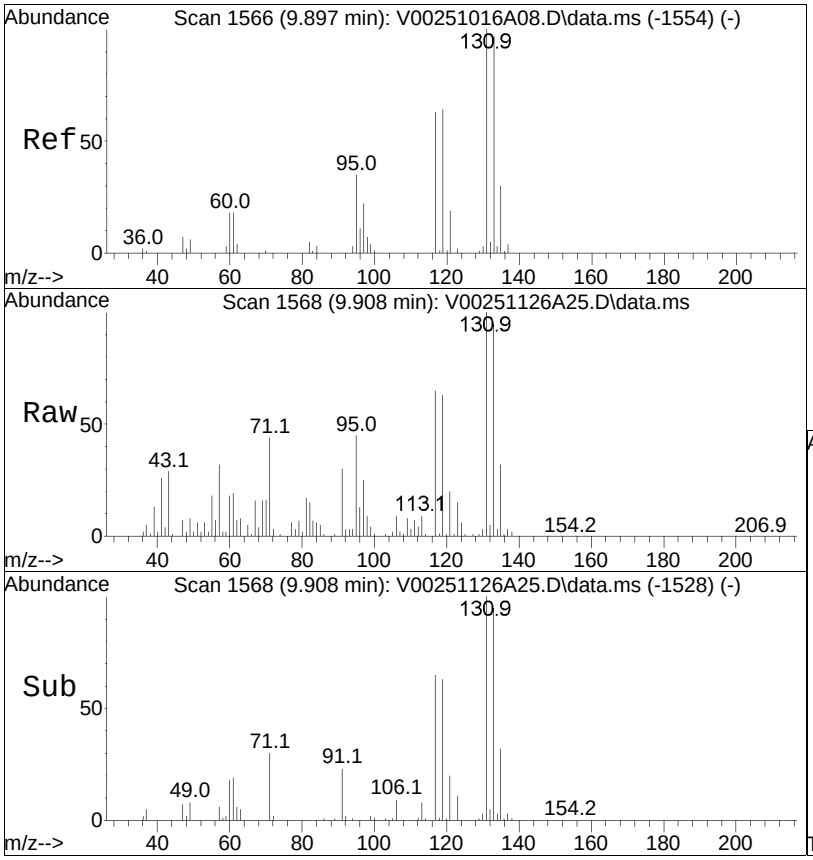


#75
Ethylbenzene
Concen: 640.68 ug/L
RT: 9.861 min Scan# 1559
Delta R.T. 0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 91 Resp:20748633

Ion	Ratio	Lower	Upper
91	100		
106	37.4	25.1	37.7

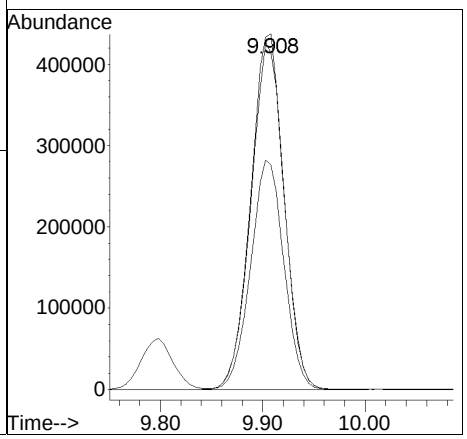


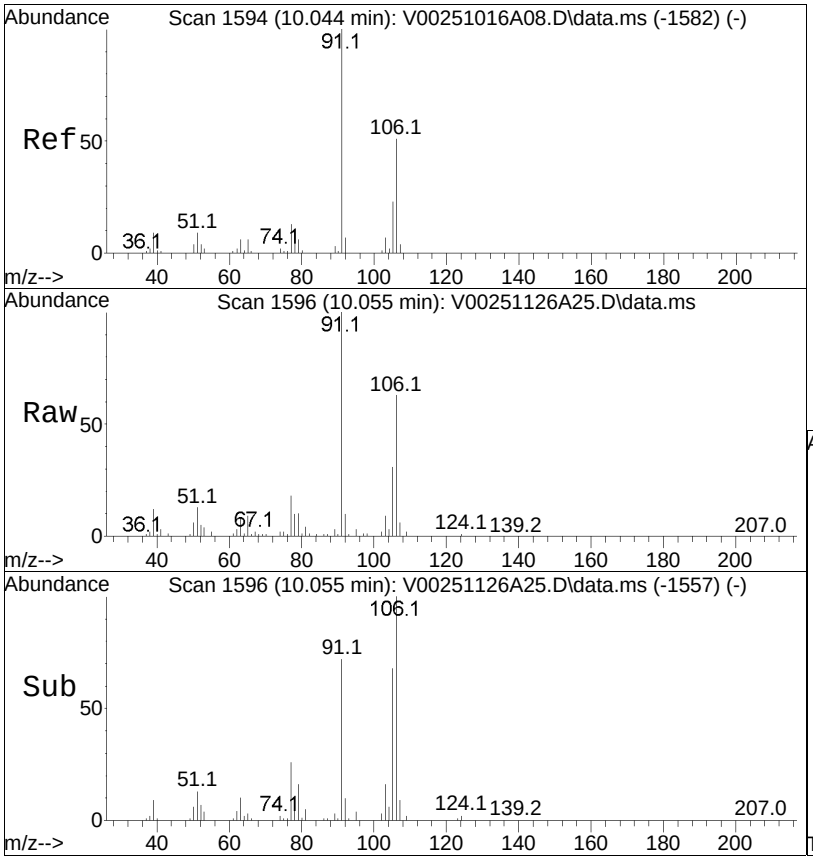


#76
1,1,1,2-Tetrachloroethane
Concen: 140.80 ug/L
RT: 9.908 min Scan# 1568
Delta R.T. 0.011 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:131 Resp: 989638

Ion	Ratio	Lower	Upper
131	100		
133	96.9	76.2	116.2
119	64.2	44.6	84.6

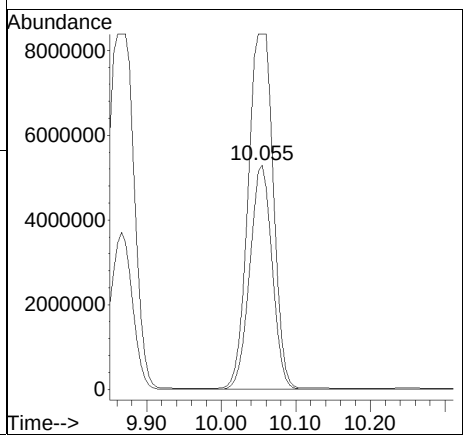


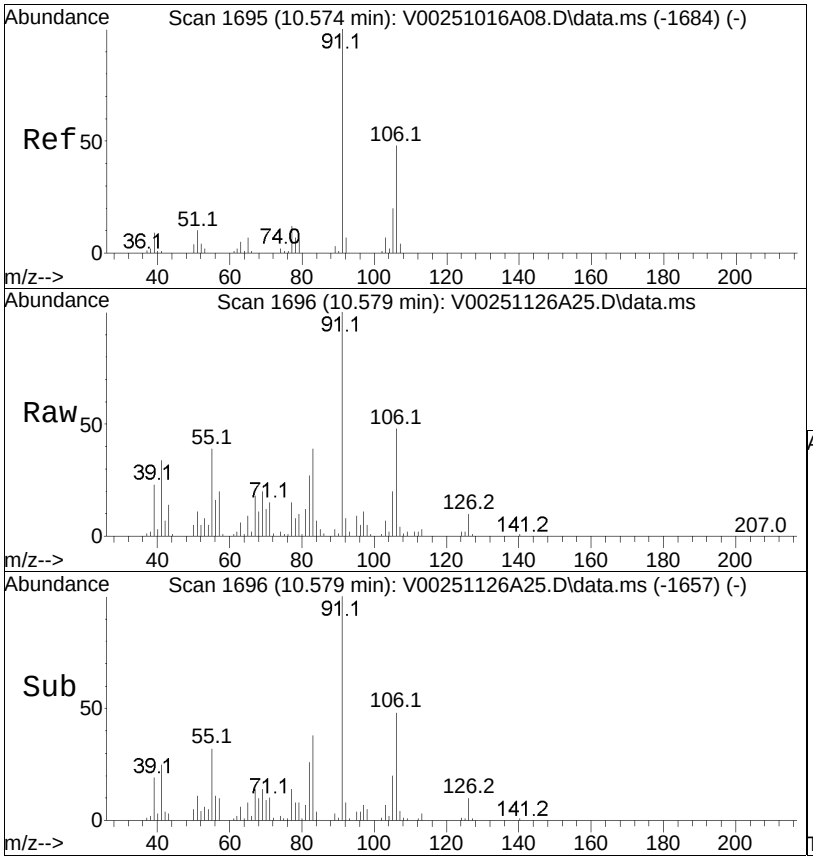


#77
p/m Xylene
Concen: 845.26 ug/L
RT: 10.055 min Scan# 1596
Delta R.T. 0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:106 Resp:10979188

Ion	Ratio	Lower	Upper
106	100		
91	178.9	159.5	239.3

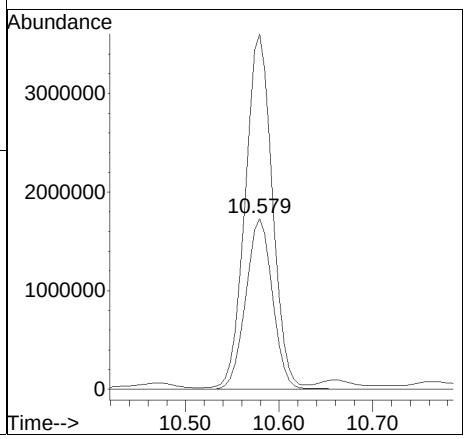


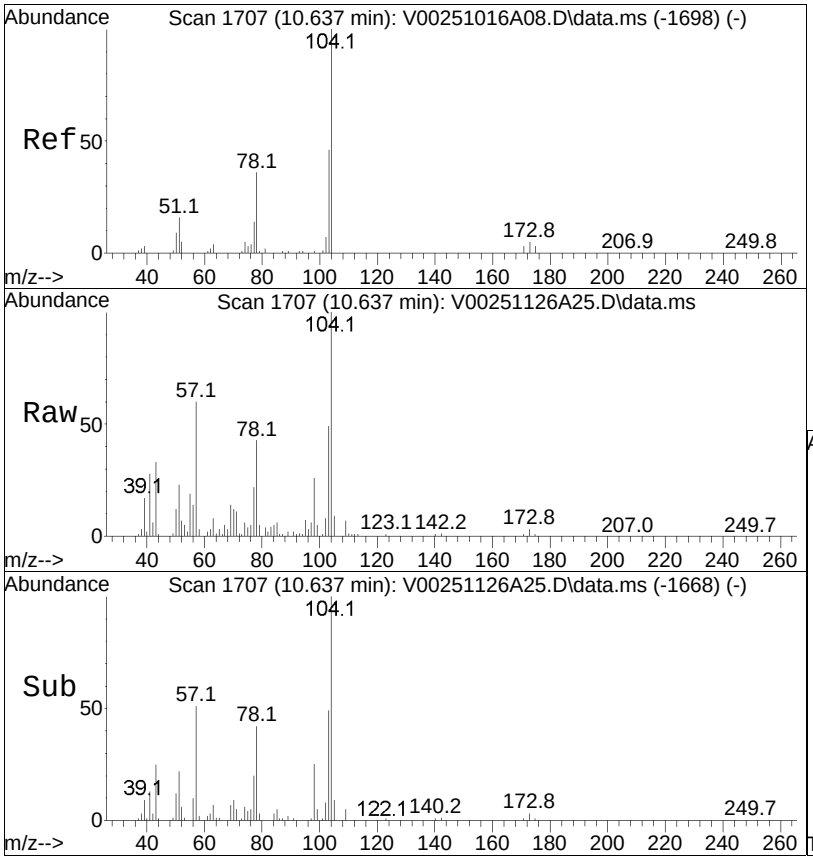


#78
o Xylene
Concen: 266.56 ug/L
RT: 10.579 min Scan# 1696
Delta R.T. 0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:106 Resp: 3436451

Ion	Ratio	Lower	Upper
106	100		
91	208.7	168.6	252.8

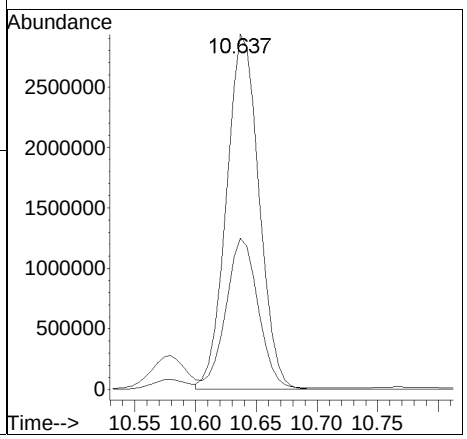


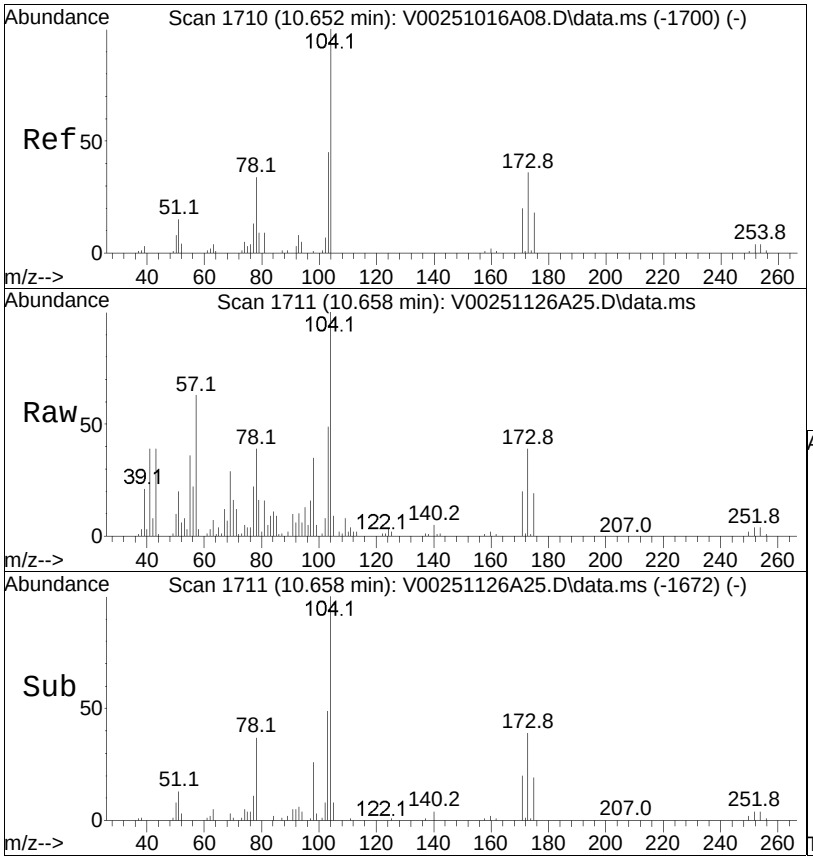


#79
Styrene
Concen: 247.23 ug/L
RT: 10.637 min Scan# 1707
Delta R.T. 0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:104 Resp: 5478146

Ion	Ratio	Lower	Upper
104	100		
78	41.3	33.8	50.6

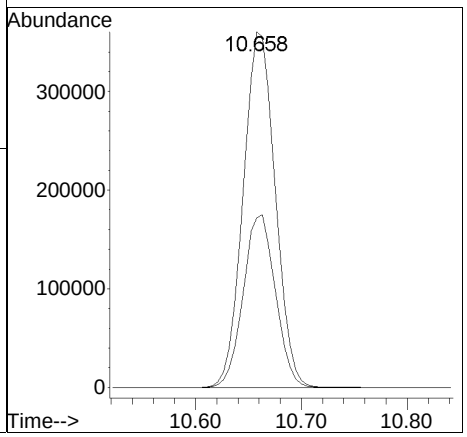


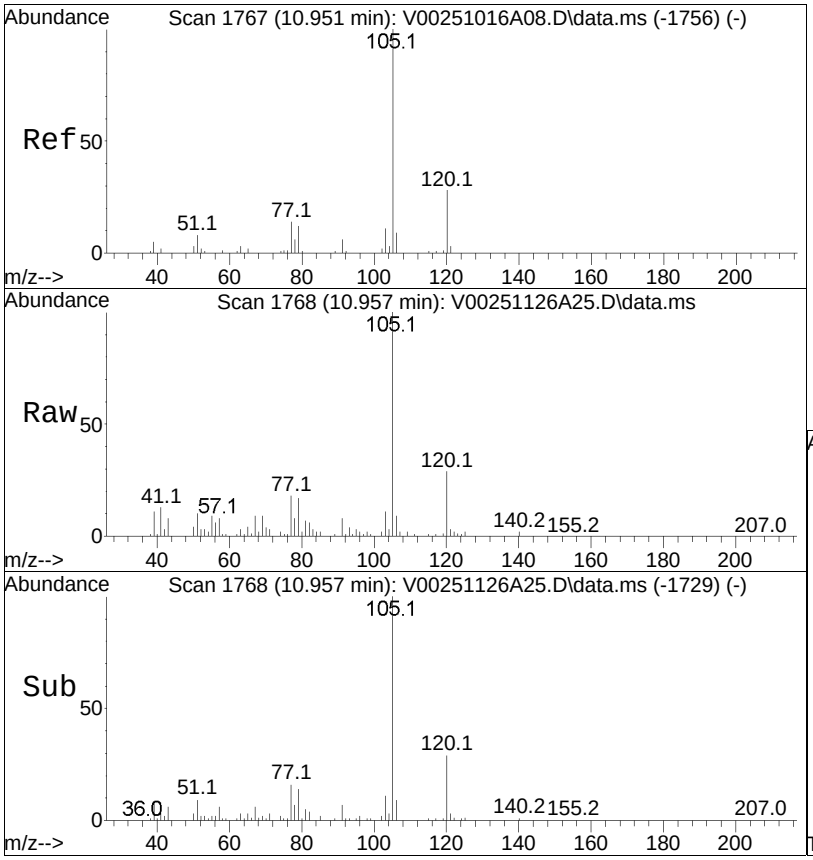


#81
Bromoform
Concen: 122.98 ug/L
RT: 10.658 min Scan# 1711
Delta R.T. 0.006 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:173 Resp: 758433

Ion	Ratio	Lower	Upper
173	100		
175	48.7	27.8	67.8

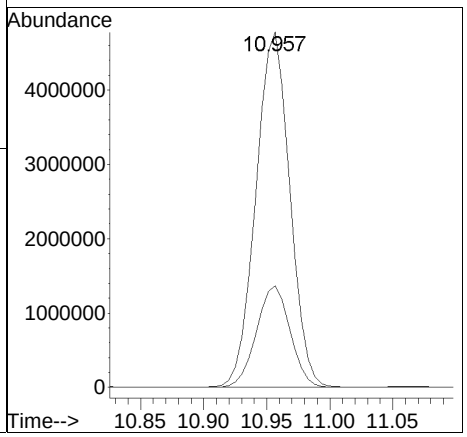


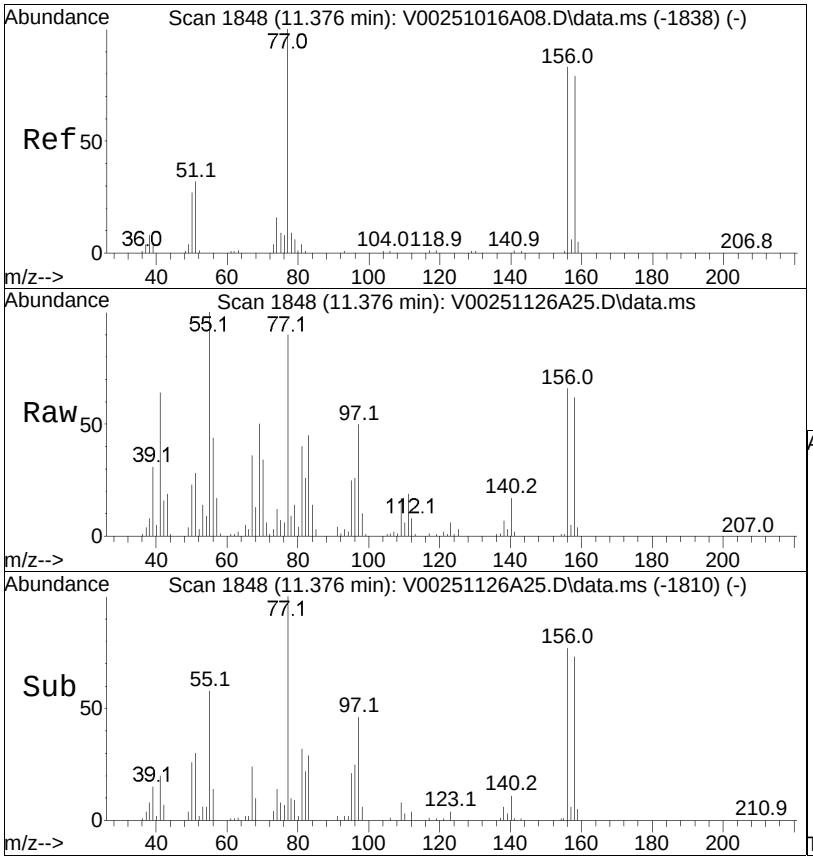


#83
Isopropylbenzene
Concen: 245.79 ug/L
RT: 10.957 min Scan# 1768
Delta R.T. 0.006 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:105 Resp: 8905221

Ion	Ratio	Lower	Upper
105	100		
120	28.5	6.4	46.4

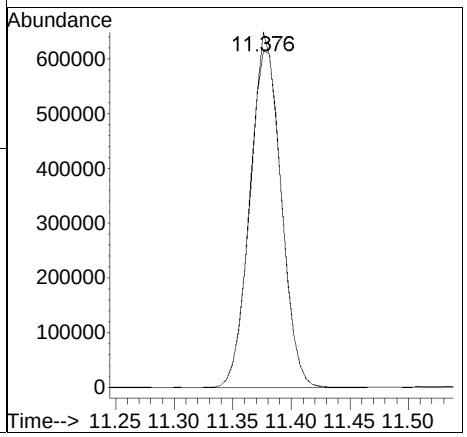


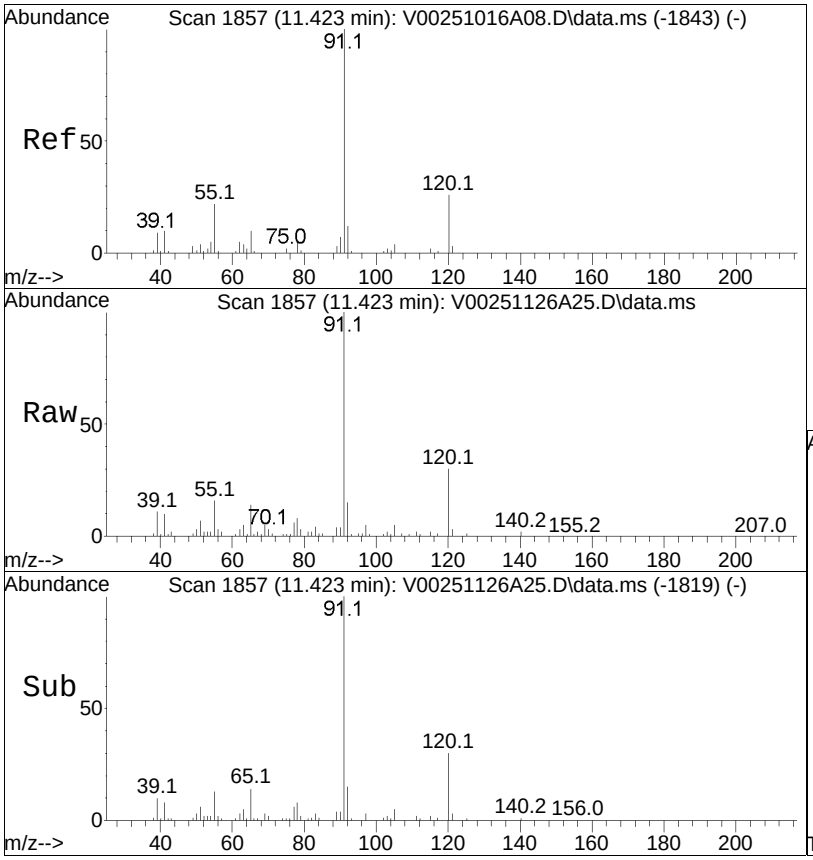


#85
Bromobenzene
Concen: 127.31 ug/L
RT: 11.376 min Scan# 1848
Delta R.T. 0.000 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:156 Resp: 1184429

Ion	Ratio	Lower	Upper
156	100		
158	98.3	76.9	115.3

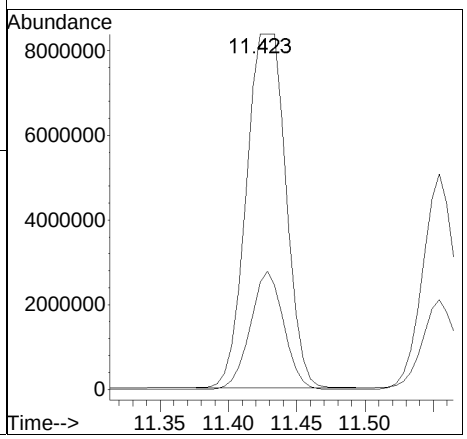


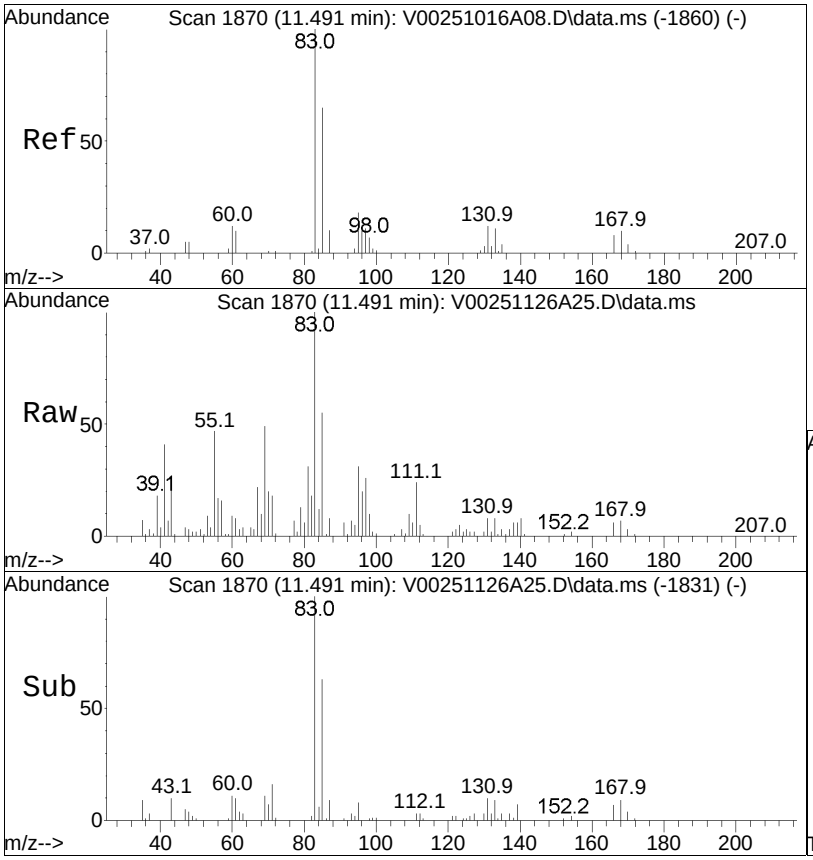


#86
n-Propylbenzene
Concen: 383.43 ug/L
RT: 11.423 min Scan# 1857
Delta R.T. 0.000 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 91 Resp:16761305

Ion	Ratio	Lower	Upper
91	100		
120	28.2	18.2	27.2#

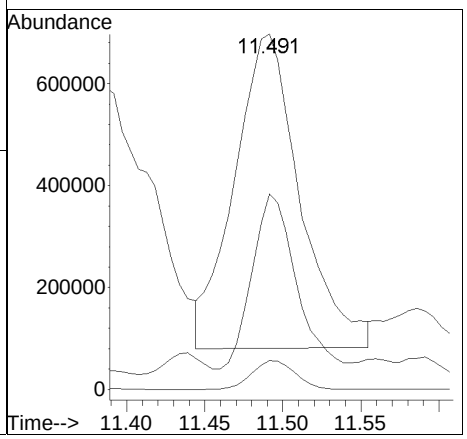


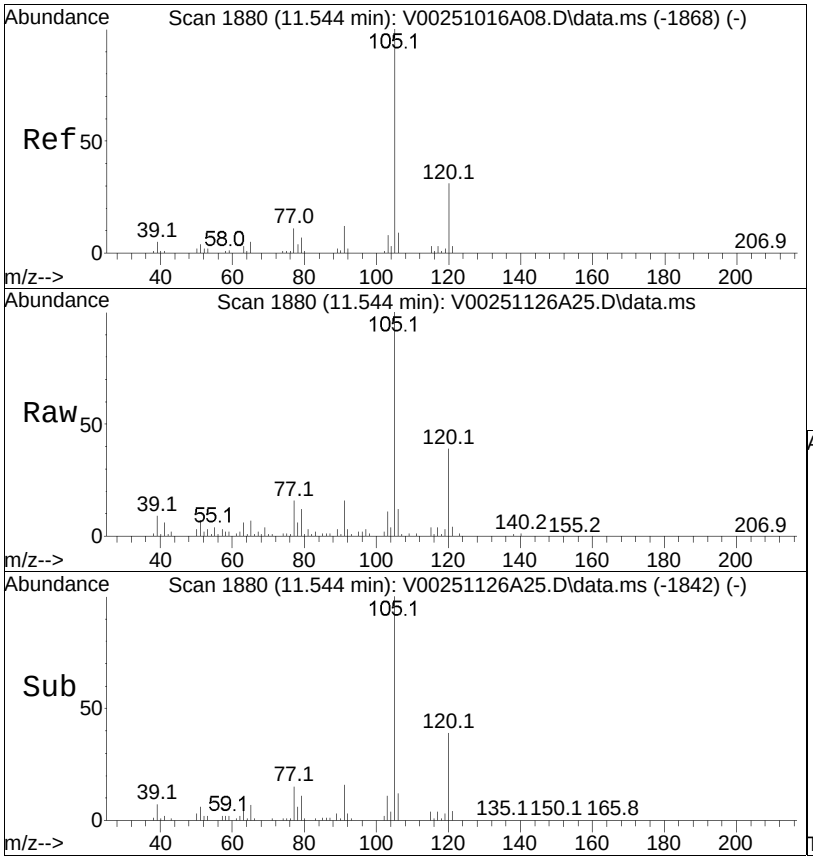


#88
1,1,2,2-Tetrachloroethane
Concen: 201.24 ug/L
RT: 11.491 min Scan# 1870
Delta R.T. 0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 83 Resp: 1797527

Ion	Ratio	Lower	Upper
83	100		
131	6.1	0.0	30.1
85	38.3	45.9	85.9#

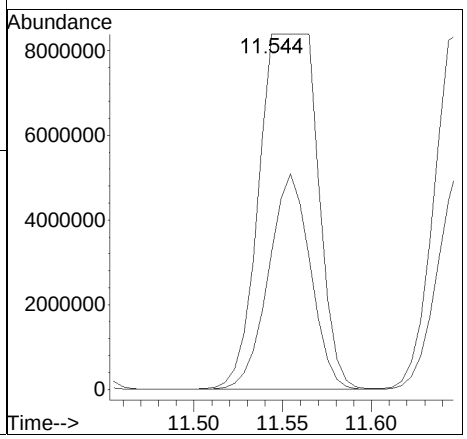


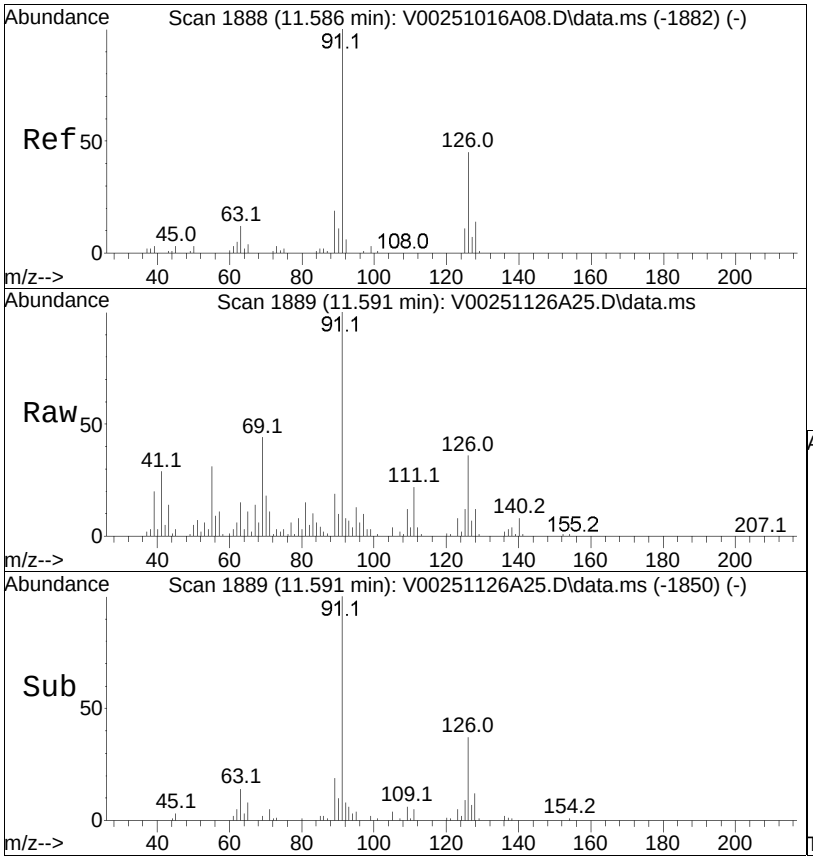


#89
4-Ethyltoluene
Concen: 538.18 ug/L M3
RT: 11.544 min Scan# 1880
Delta R.T. -0.000 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:105 Resp:19195221

Ion	Ratio	Lower	Upper
105	100		
120	46.0	19.3	40.1#

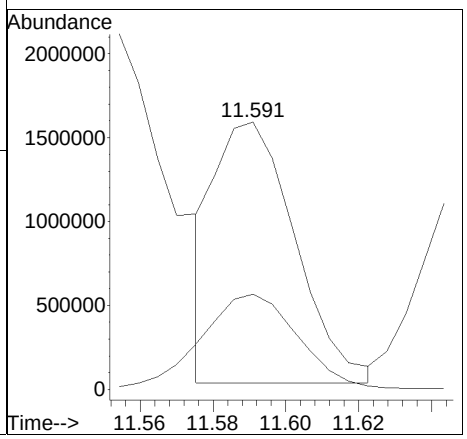


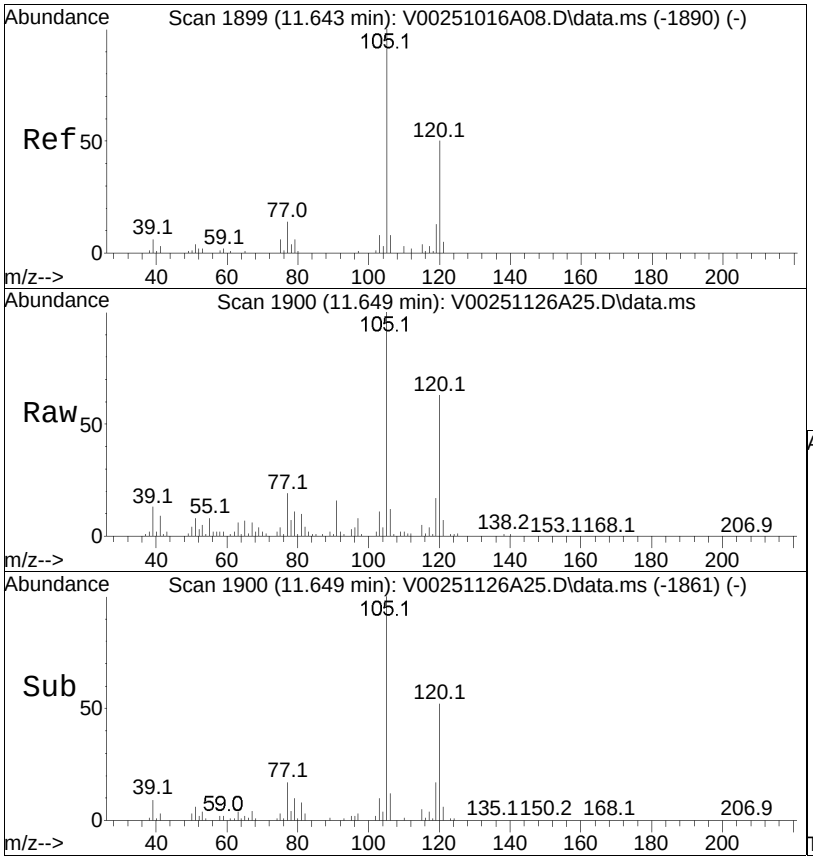


#90
2-Chlorotoluene
Concen: 96.38 ug/L
RT: 11.591 min Scan# 1889
Delta R.T. 0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 91 Resp: 2394077

Ion	Ratio	Lower	Upper
91	100		
126	43.1	27.1	40.7#

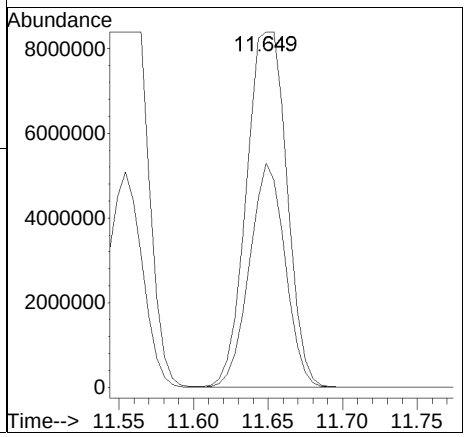


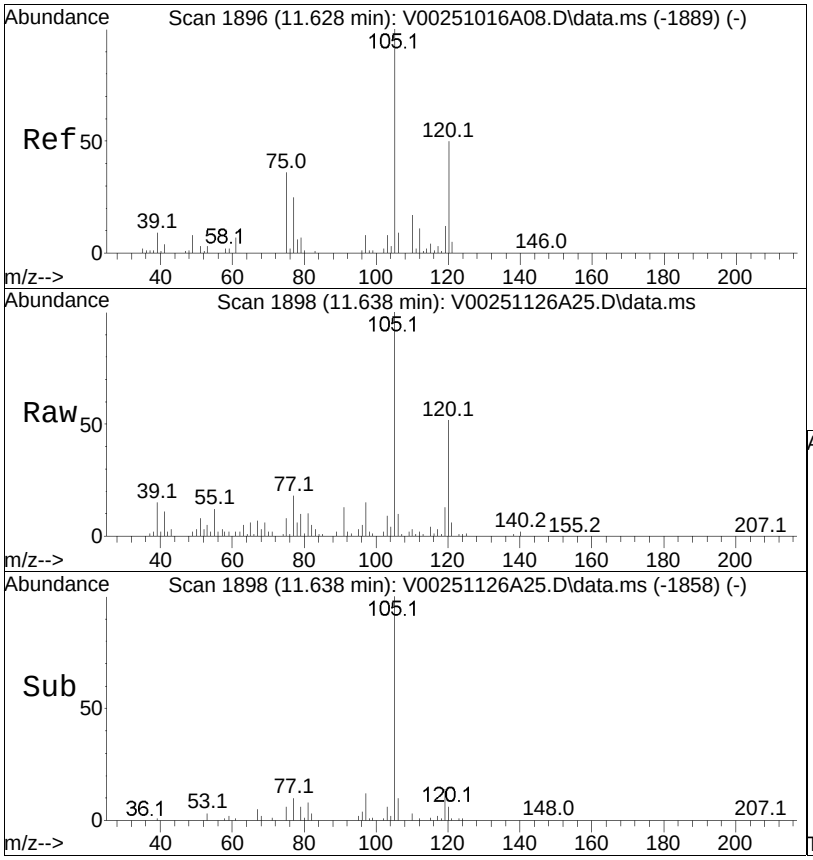


#91
1,3,5-Trimethylbenzene
Concen: 515.57 ug/L
RT: 11.649 min Scan# 1900
Delta R.T. 0.006 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:105 Resp:15855477

Ion	Ratio	Lower	Upper
105	100		
120	55.7	39.1	58.7

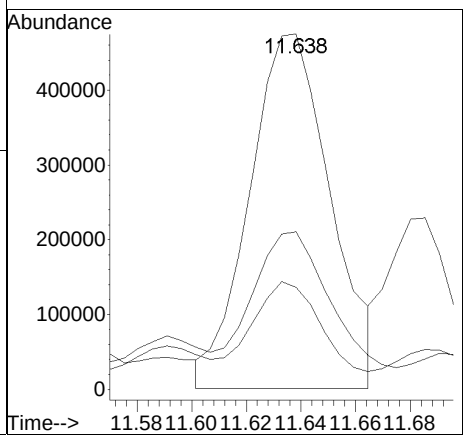


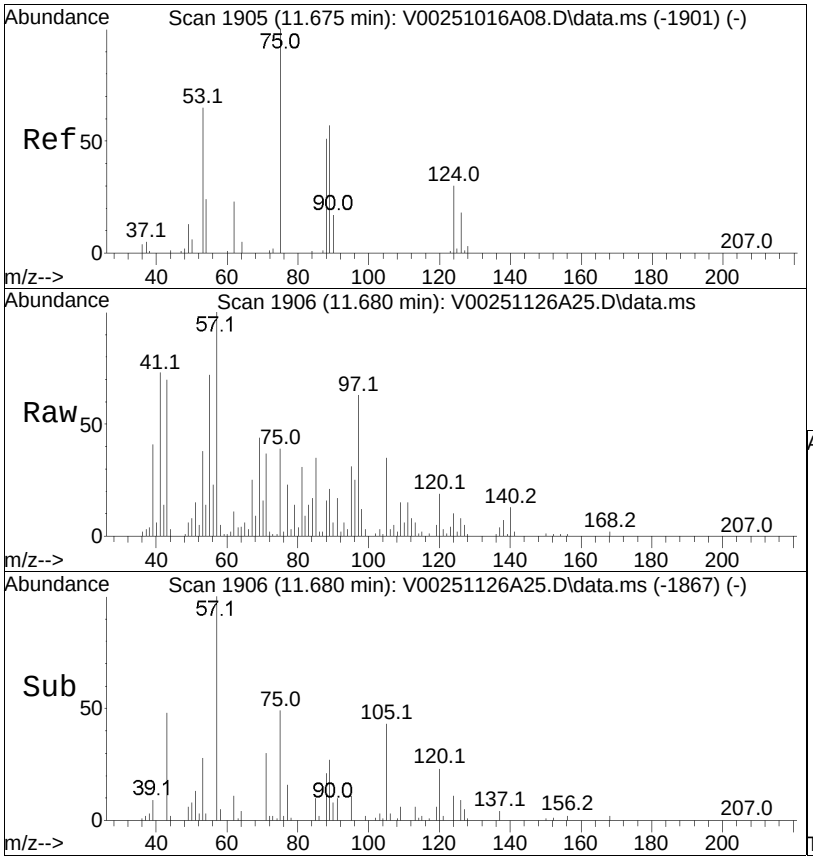


#92
1,2,3-Trichloropropane
Concen: 138.92 ug/L
RT: 11.638 min Scan# 1898
Delta R.T. 0.010 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 75 Resp: 977498

Ion	Ratio	Lower	Upper
75	100		
110	35.0	24.5	50.9
112	20.0	15.3	31.9

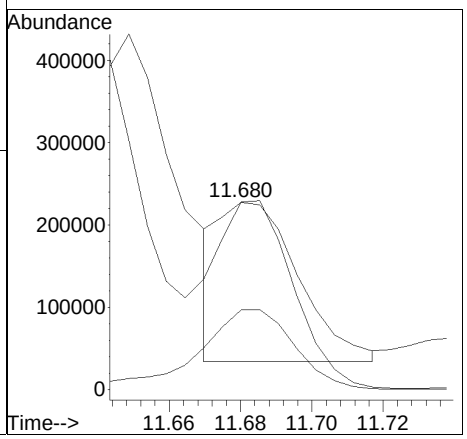


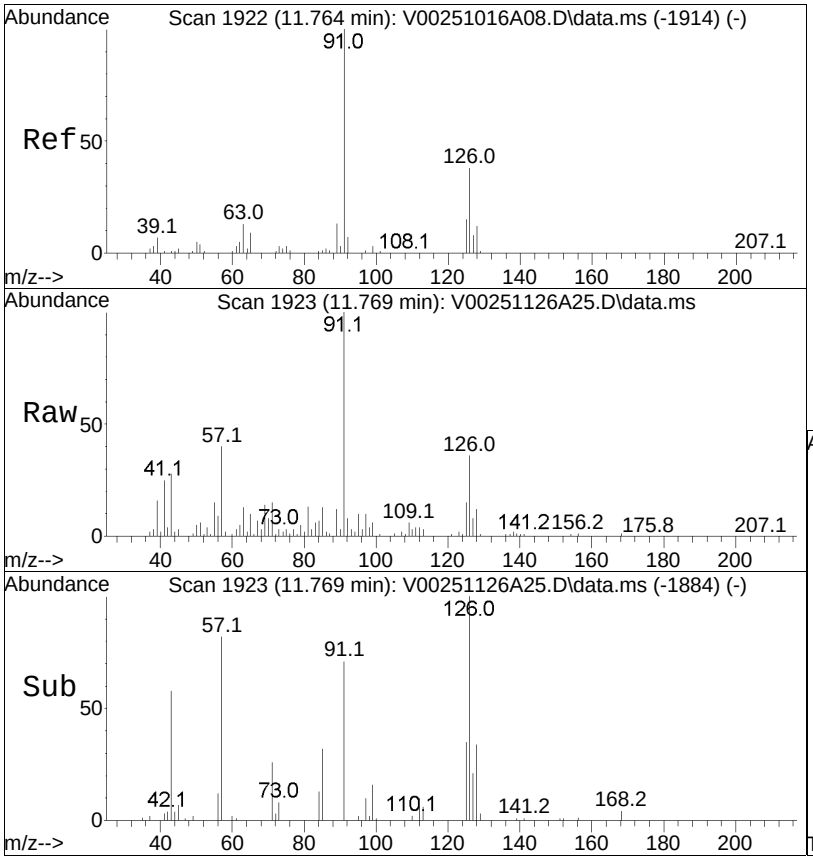


#93
trans-1,4-Dichloro-2-butene
Concen: 128.96 ug/L M3
RT: 11.680 min Scan# 1906
Delta R.T. 0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 53 Resp: 301112

Ion	Ratio	Lower	Upper
53	100		
88	0.0	44.2	66.4#
75	324.8	100.8	151.2#

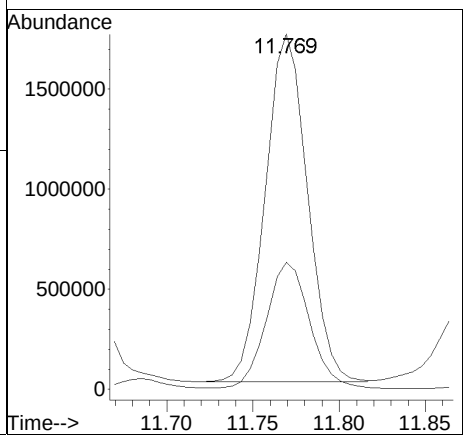


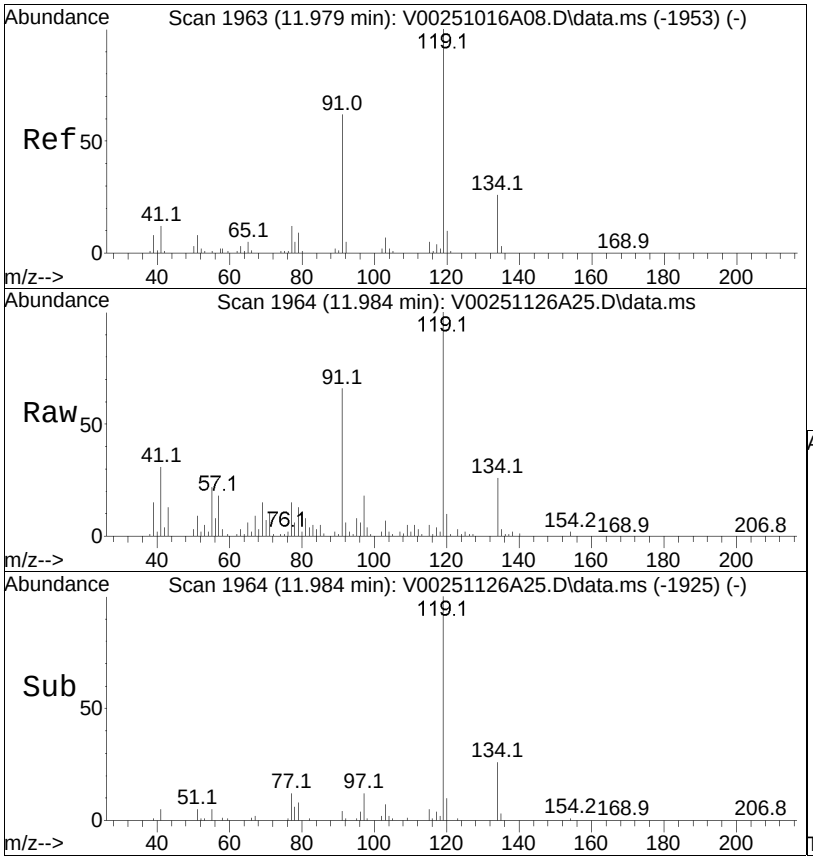


#94
4-Chlorotoluene
Concen: 114.94 ug/L
RT: 11.769 min Scan# 1923
Delta R.T. 0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 91 Resp: 2950962

Ion	Ratio	Lower	Upper
91	100		
126	37.5	27.3	40.9

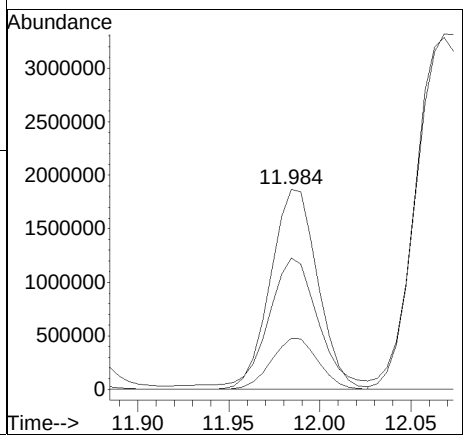


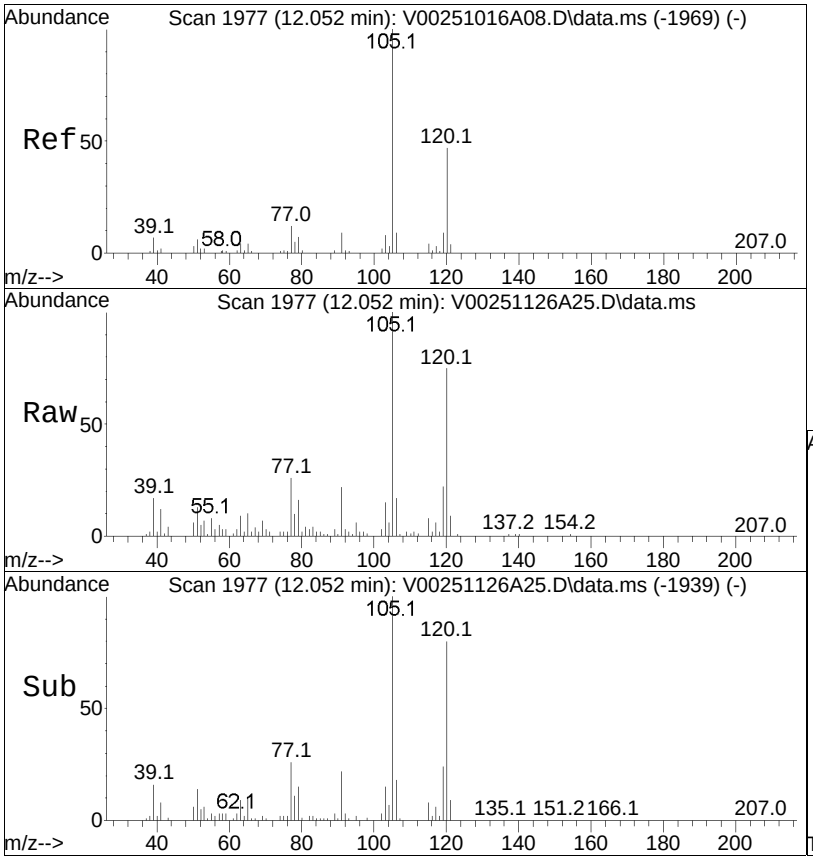


#95
tert-Butylbenzene
Concen: 123.65 ug/L
RT: 11.984 min Scan# 1964
Delta R.T. 0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:119 Resp: 3362711

Ion	Ratio	Lower	Upper
119	100		
91	65.5	54.8	82.2
134	25.4	20.6	30.8

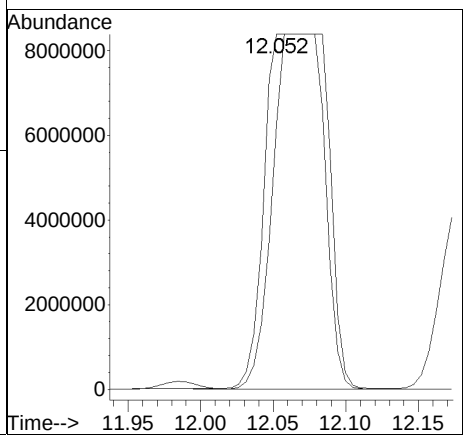


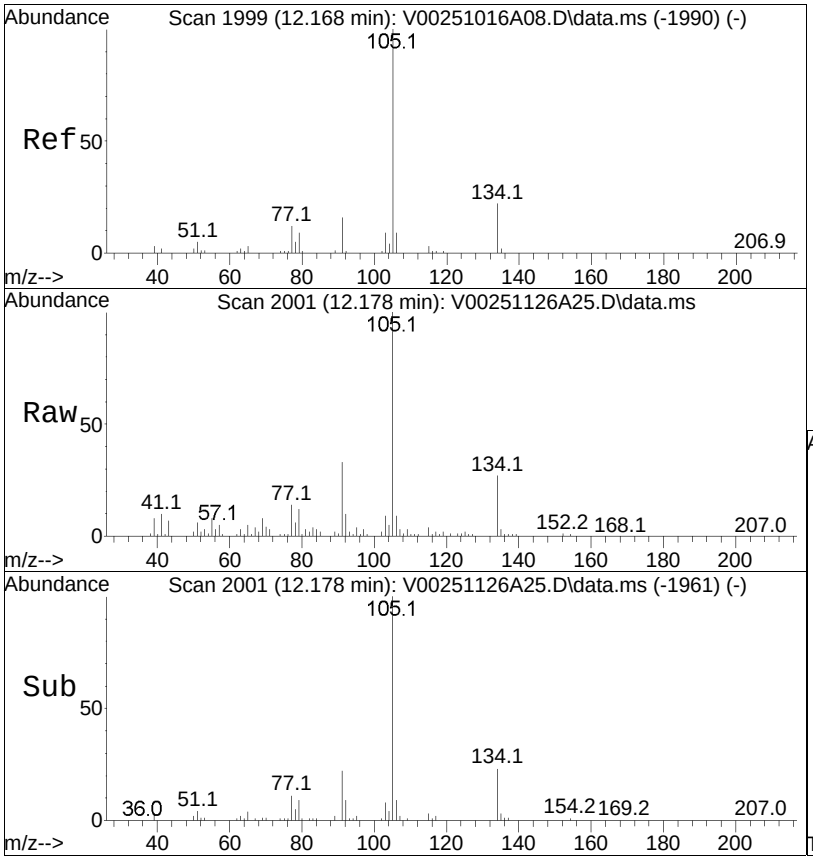


#98
1,2,4-Trimethylbenzene
Concen: 824.31 ug/L M3
RT: 12.052 min Scan# 1977
Delta R.T. 0.000 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:105 Resp:24937266

Ion	Ratio	Lower	Upper
105	100		
120	0.0	37.1	55.7#

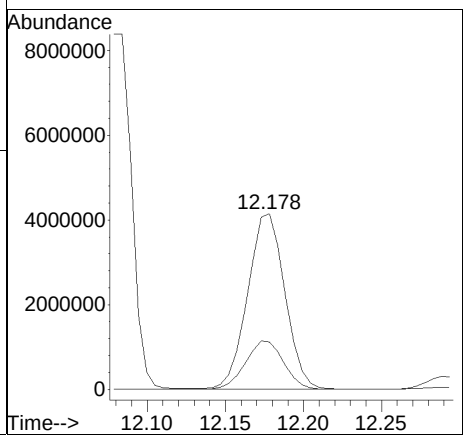


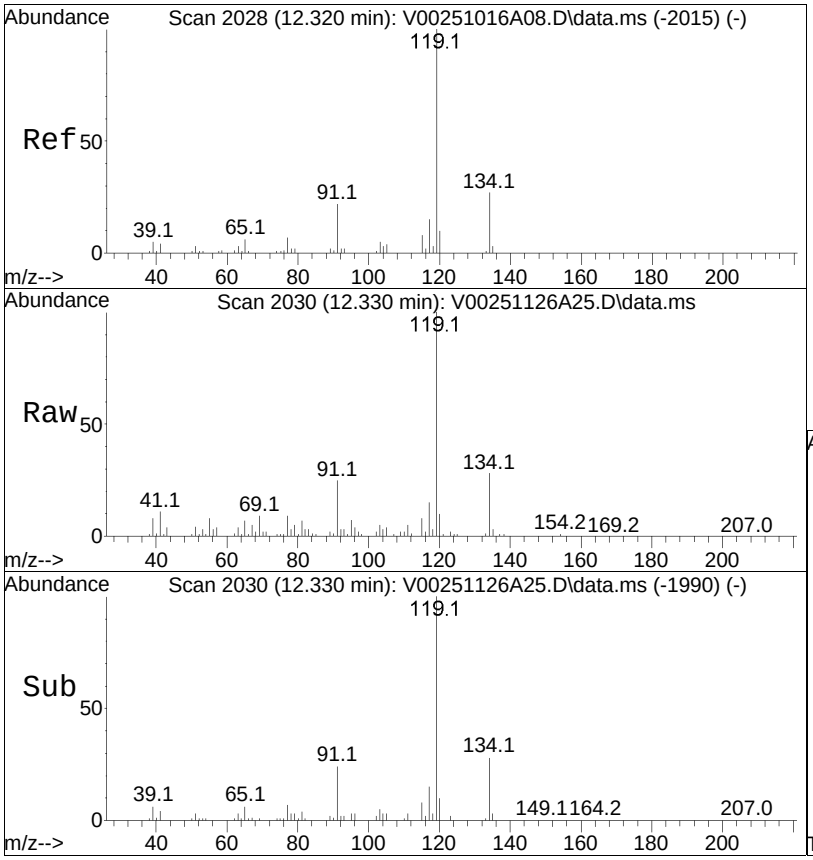


#99
sec-Butylbenzene
Concen: 170.80 ug/L
RT: 12.178 min Scan# 2001
Delta R.T. 0.010 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:105 Resp: 6839837

Ion	Ratio	Lower	Upper
105	100		
134	28.5	13.5	27.9#

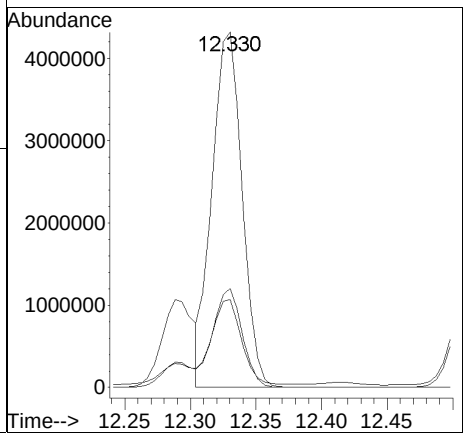


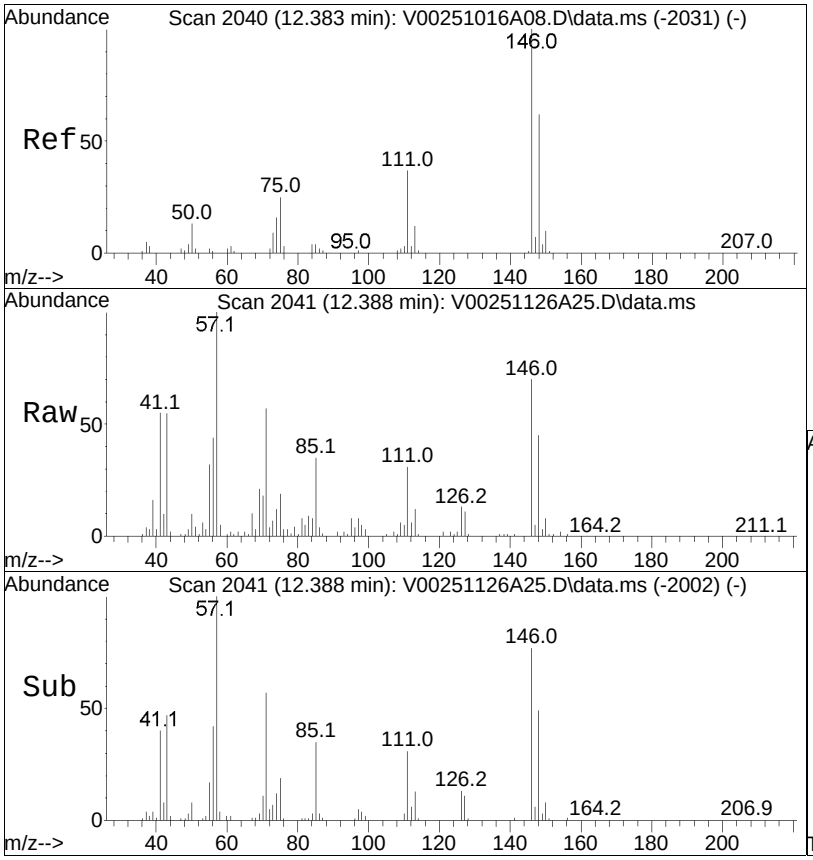


#100
p-Isopropyltoluene
Concen: 194.17 ug/L
RT: 12.330 min Scan# 2030
Delta R.T. 0.010 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:119 Resp: 6875085

Ion	Ratio	Lower	Upper
119	100		
134	27.2	17.4	36.0
91	23.9	15.8	32.8

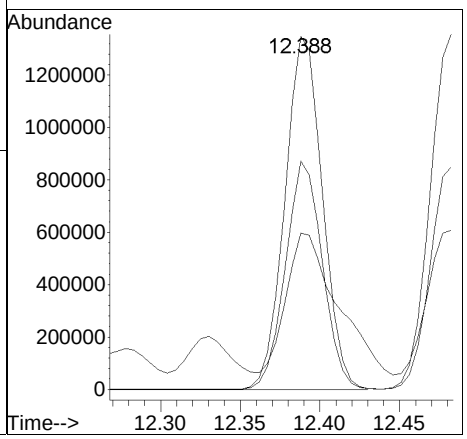


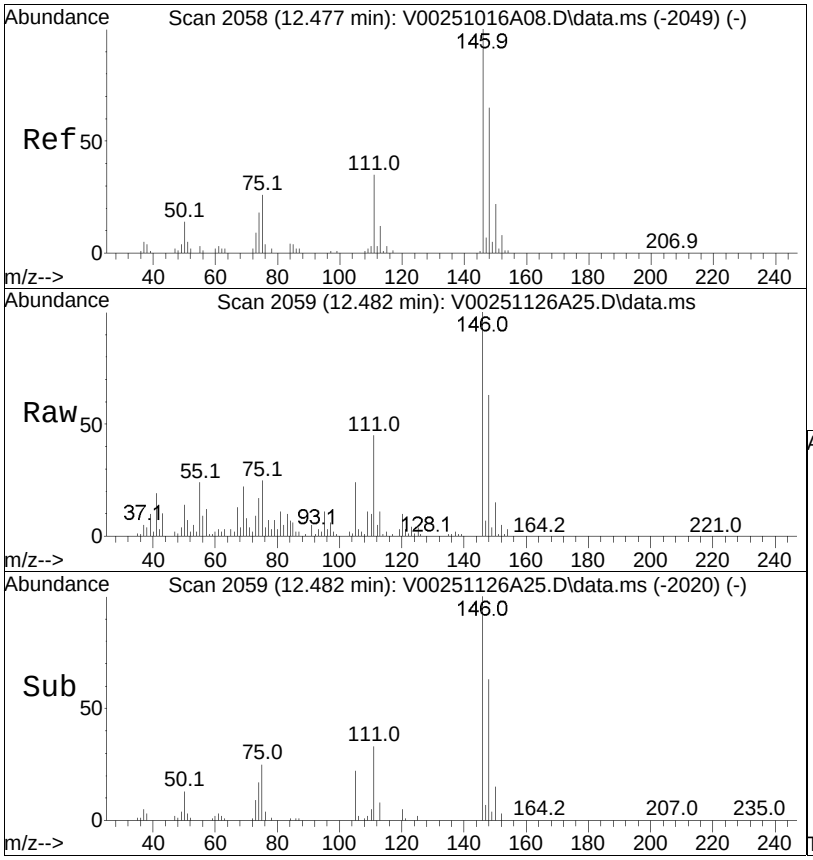


#101
1,3-Dichlorobenzene
Concen: 118.97 ug/L M3
RT: 12.388 min Scan# 2041
Delta R.T. 0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:146 Resp: 2202176

Ion	Ratio	Lower	Upper
146	100		
111	49.0	26.1	54.1
148	63.4	40.8	84.8

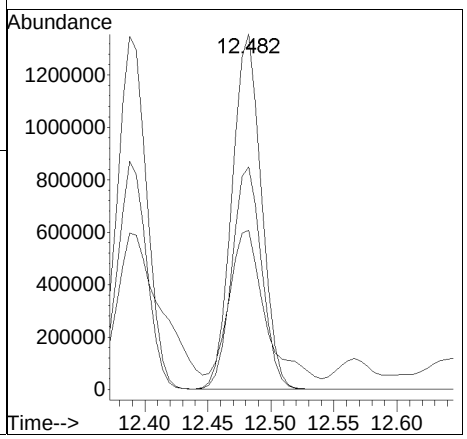


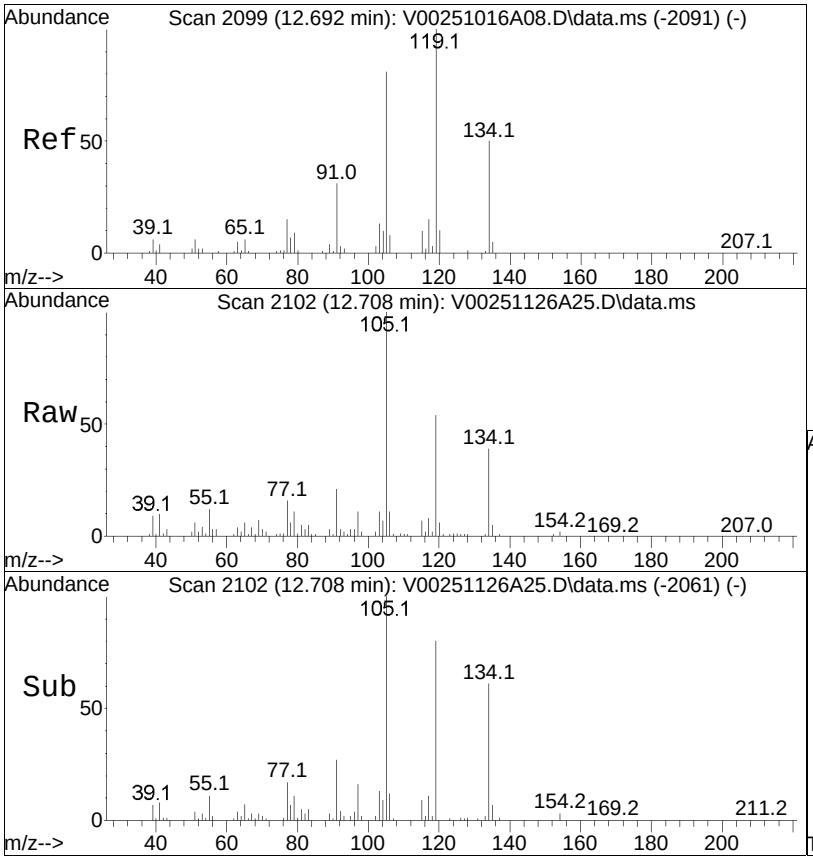


#102
1,4-Dichlorobenzene
Concen: 117.60 ug/L
RT: 12.482 min Scan# 2059
Delta R.T. 0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:146 Resp: 2200919

Ion	Ratio	Lower	Upper
146	100		
111	49.0	32.1	48.1#
148	63.4	50.6	75.8

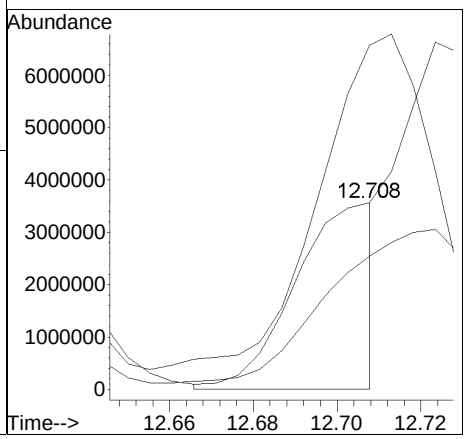


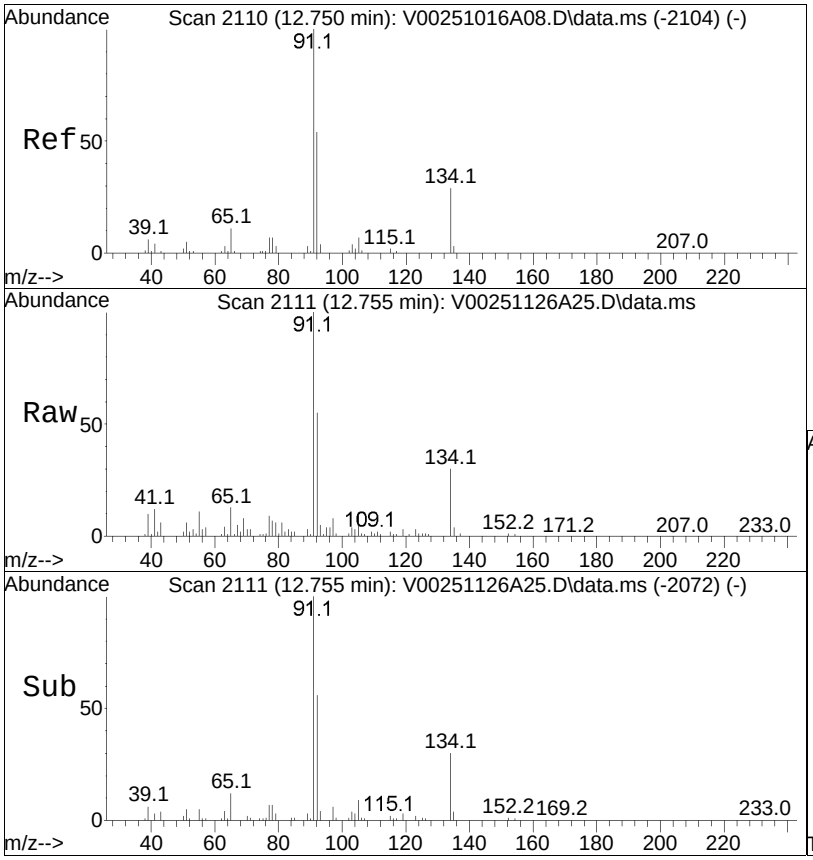


#103
p-Diethylbenzene
Concen: 224.44 ug/L M3
RT: 12.708 min Scan# 2102
Delta R.T. 0.016 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:119 Resp: 4770311

Ion	Ratio	Lower	Upper
119	100		
105	264.5	56.4	117.0#
134	154.9	30.4	63.0#

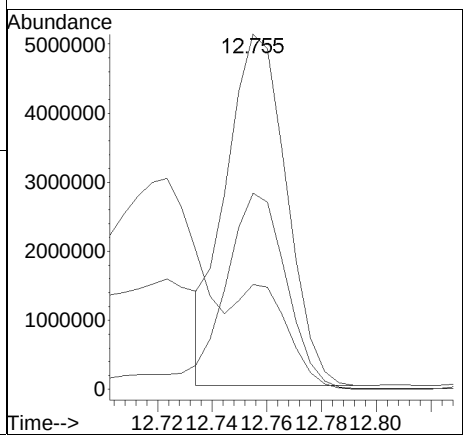


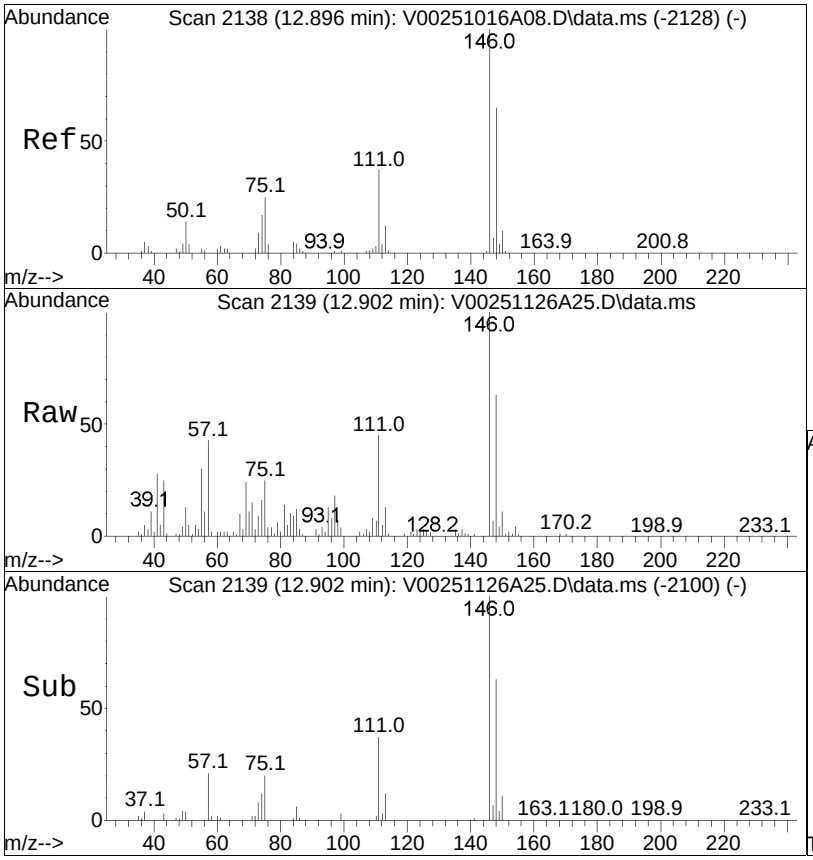


#104
n-Butylbenzene
Concen: 252.00 ug/L
RT: 12.755 min Scan# 2111
Delta R.T. 0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion: 91 Resp: 7817383

Ion	Ratio	Lower	Upper
91	100		
92	61.3	43.7	65.5
134	0.0	21.5	32.3#

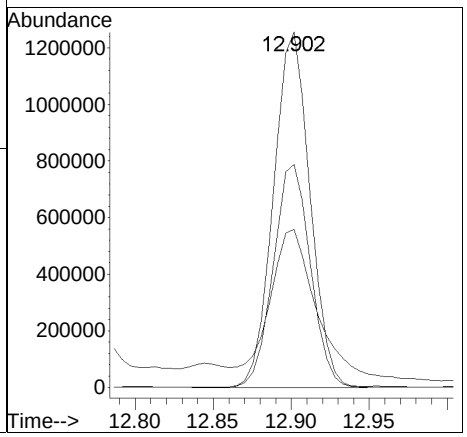


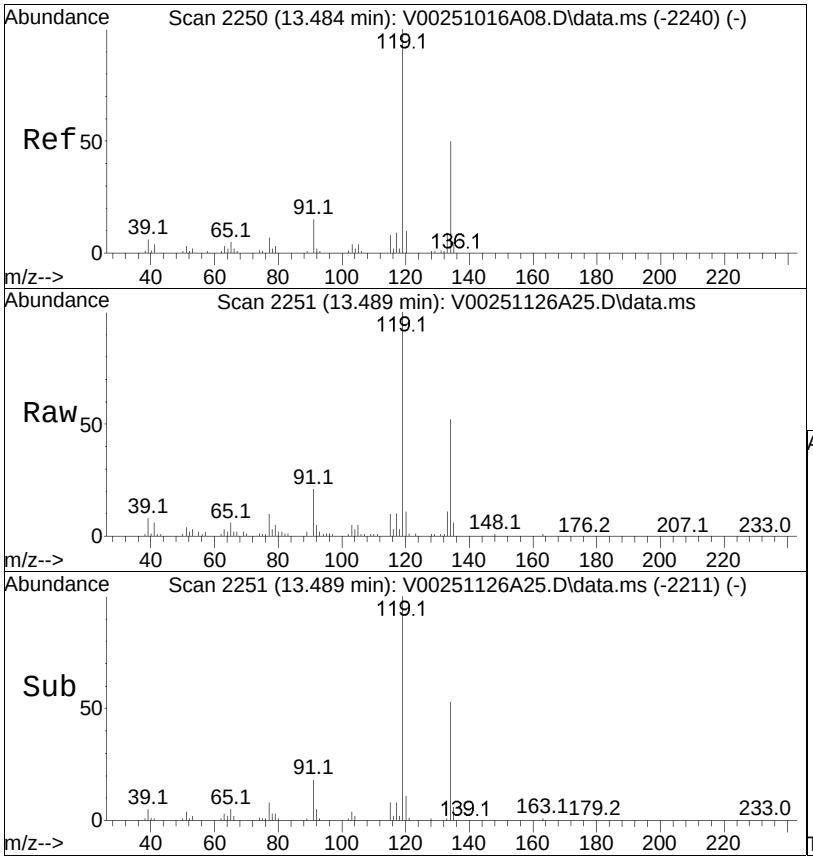


#105
1,2-Dichlorobenzene
Concen: 118.41 ug/L
RT: 12.902 min Scan# 2139
Delta R.T. 0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:146 Resp: 2042151

Ion	Ratio	Lower	Upper
146	100		
111	56.5	26.9	55.9#
148	63.7	40.3	83.7

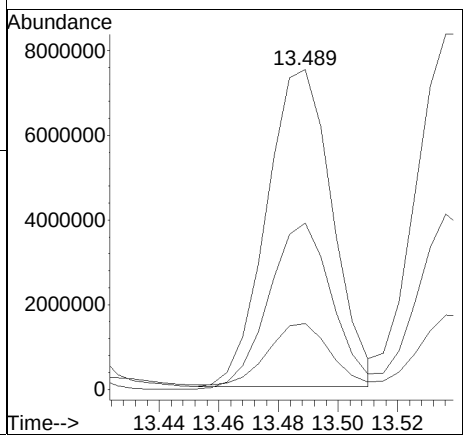


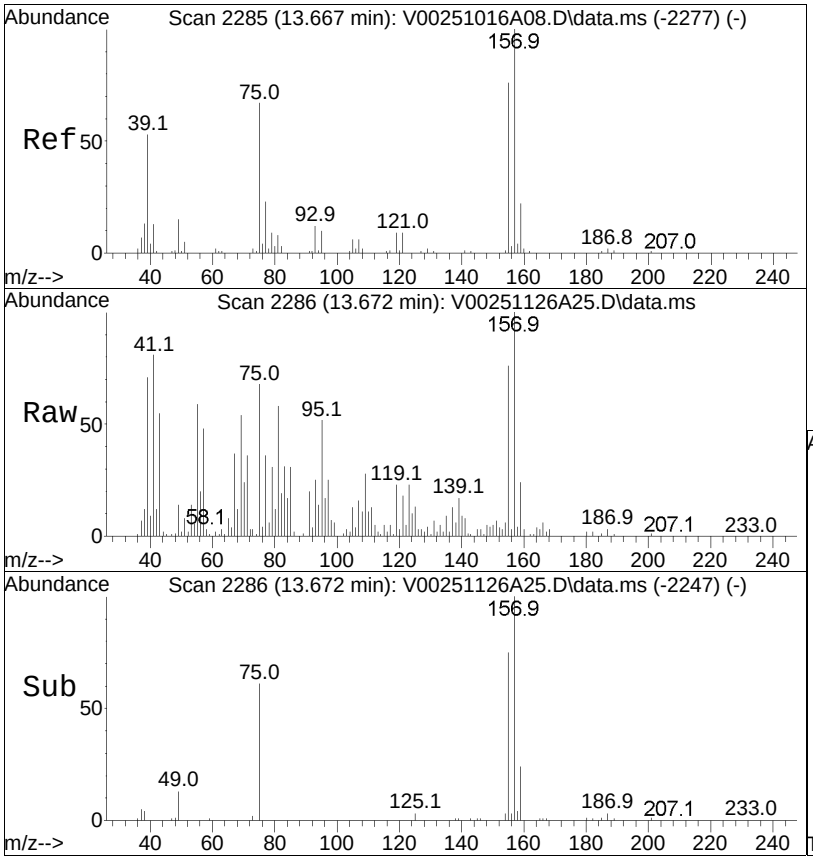


#106
1,2,4,5-Tetramethylbenzene
Concen: 359.85 ug/L
RT: 13.489 min Scan# 2251
Delta R.T. 0.011 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:119 Resp:11490250

Ion	Ratio	Lower	Upper
119	100		
134	50.6	31.0	64.4
91	19.1	10.7	22.1

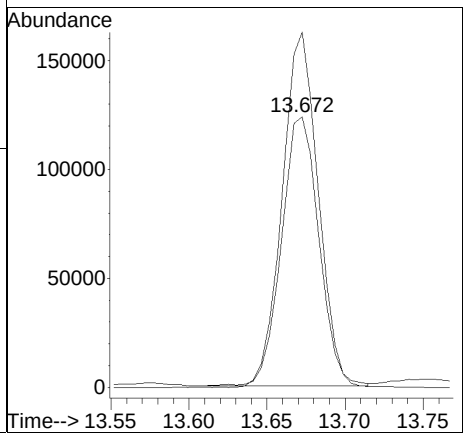


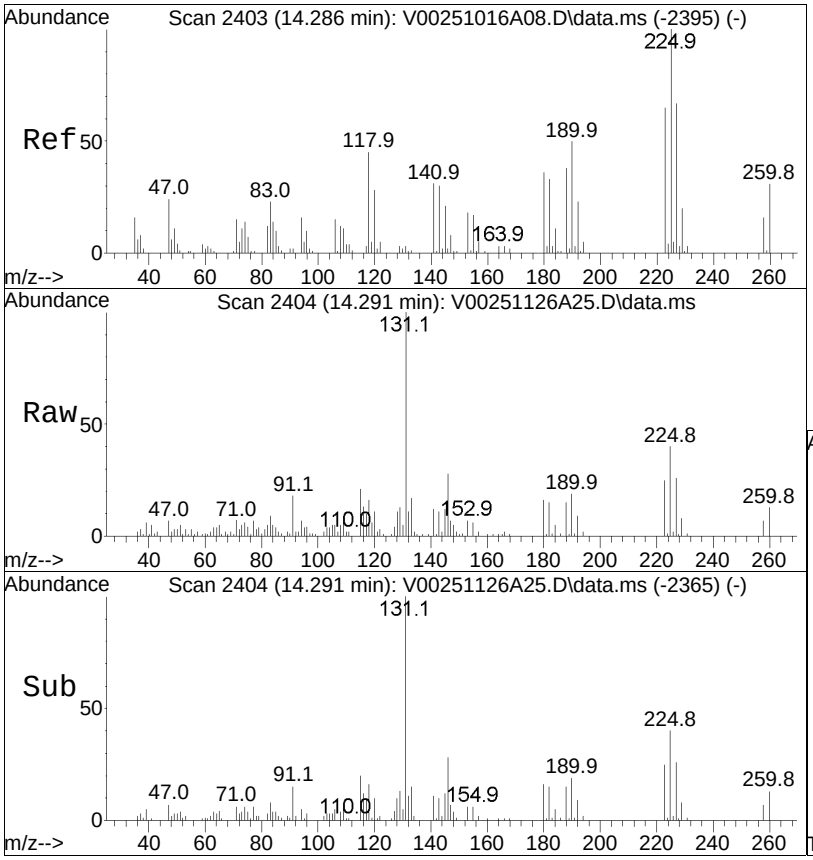


#107
1,2-Dibromo-3-chloropropane
Concen: 128.33 ug/L
RT: 13.672 min Scan# 2286
Delta R.T. 0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:155 Resp: 205640

Ion	Ratio	Lower	Upper
155	100		
157	127.5	97.0	145.4

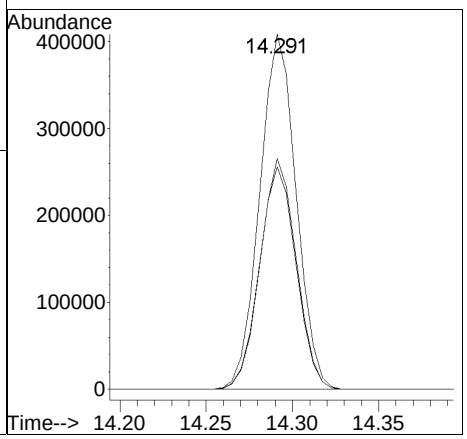


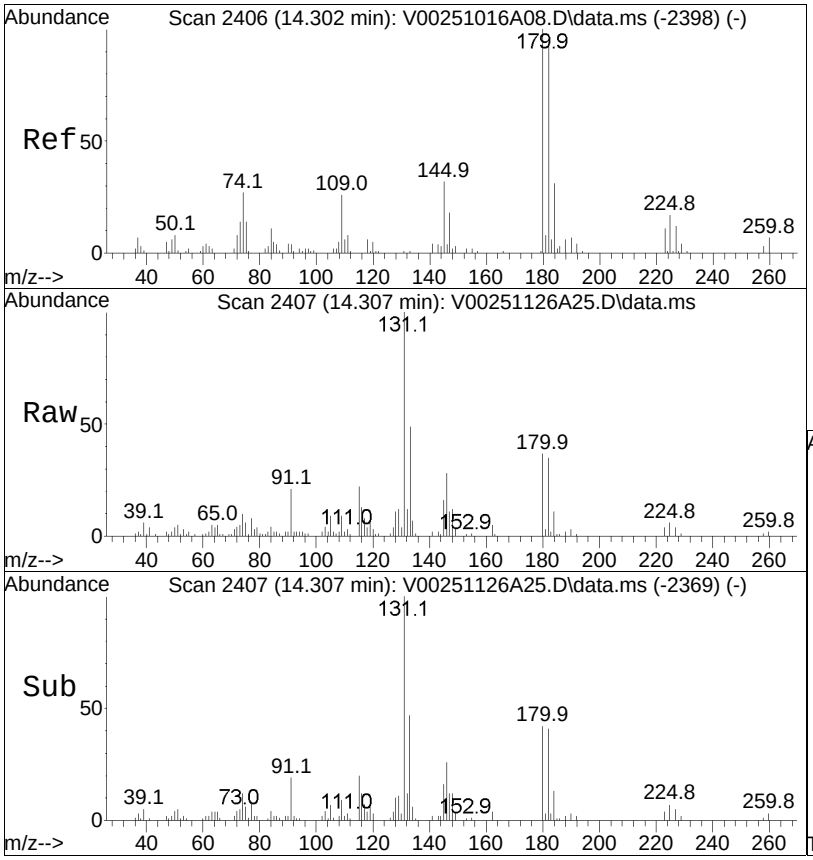


#109
Hexachlorobutadiene
Concen: 107.37 ug/L
RT: 14.291 min Scan# 2404
Delta R.T. 0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:225 Resp: 600587

Ion	Ratio	Lower	Upper
225	100		
223	63.1	52.3	78.5
227	64.4	51.9	77.9

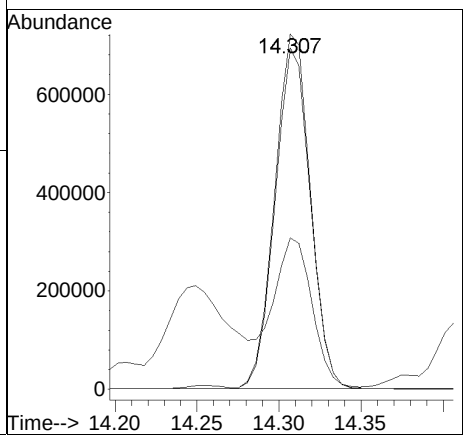


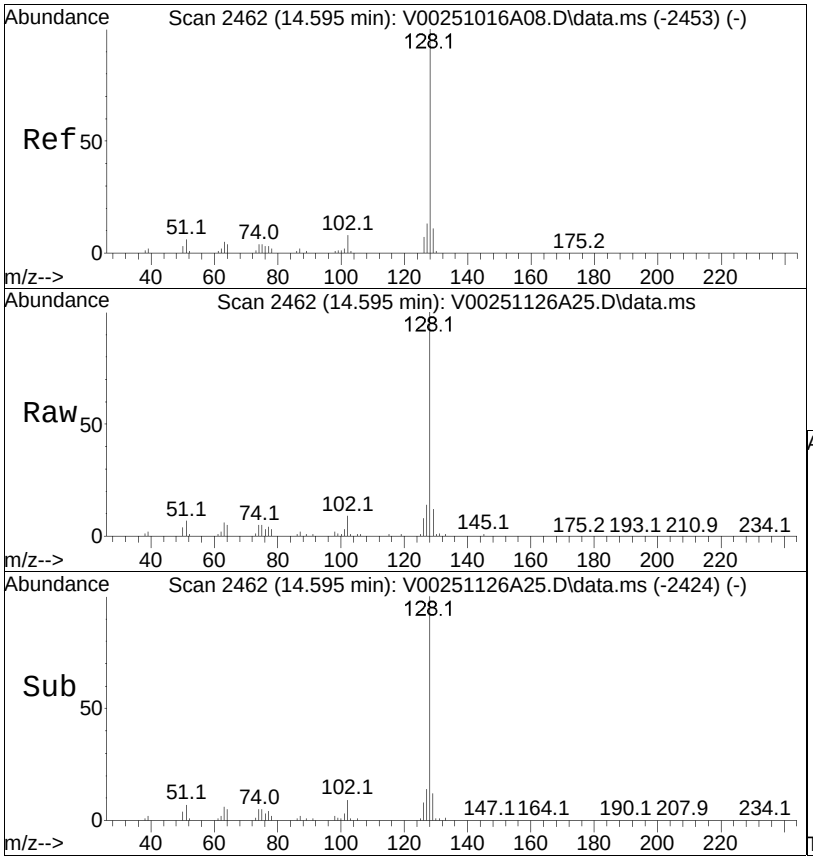


#110
1,2,4-Trichlorobenzene
Concen: 94.22 ug/L
RT: 14.307 min Scan# 2407
Delta R.T. -0.000 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:180 Resp: 1091365

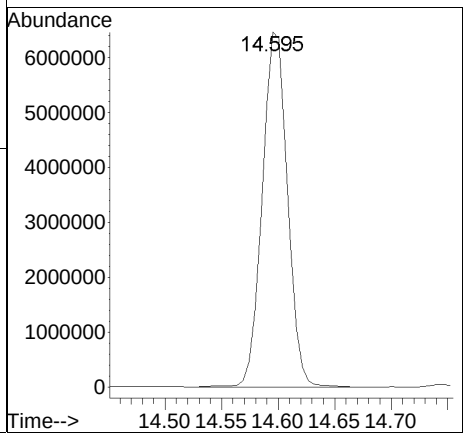
Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.8	113.6
145	47.8	29.2	43.8#

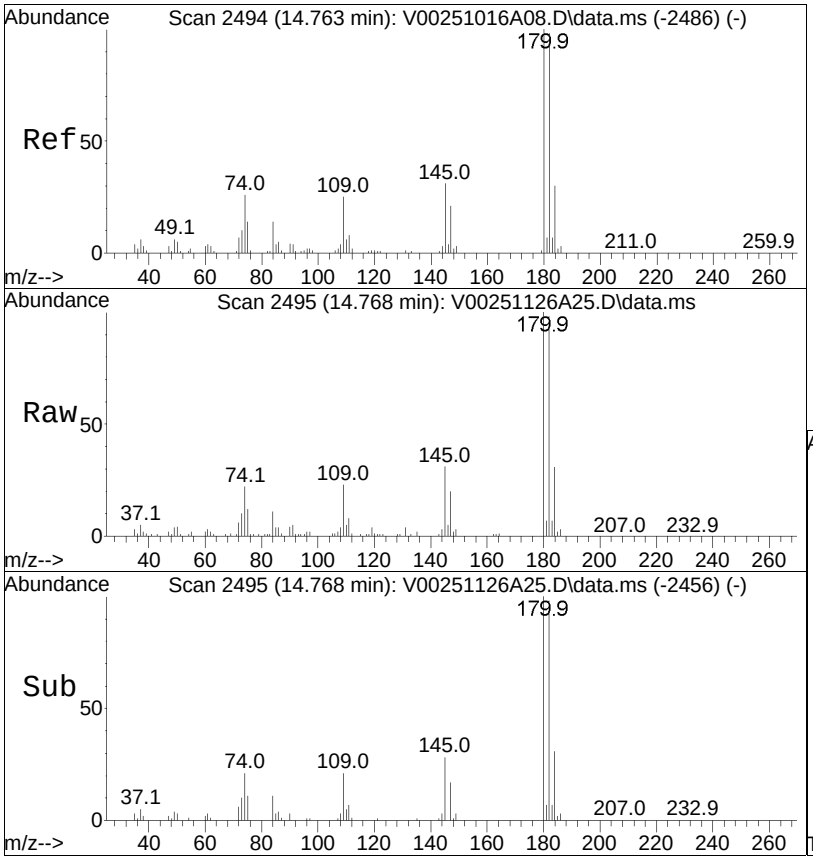




#111
Naphthalene
Concen: 370.46 ug/L
RT: 14.595 min Scan# 2462
Delta R.T. 0.000 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:128 Resp:10073826

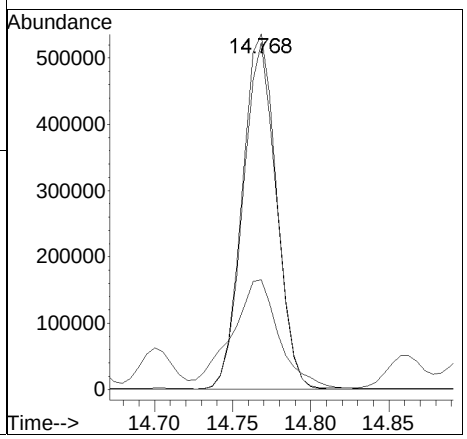




#112
1,2,3-Trichlorobenzene
Concen: 78.63 ug/L
RT: 14.768 min Scan# 2495
Delta R.T. 0.005 min
Lab File: V00251126A25.D
Acq: 26 Nov 2025 04:58 pm

Tgt Ion:180 Resp: 820666

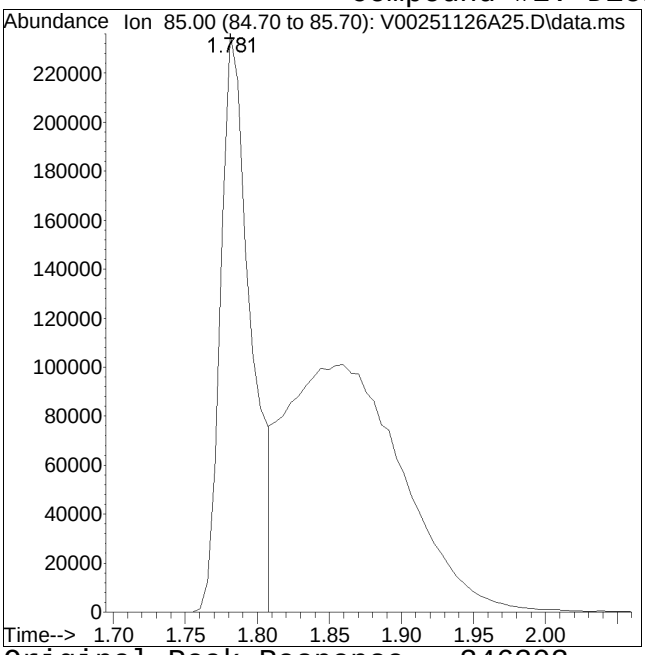
Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.4	113.2
145	42.0	24.0	36.0#



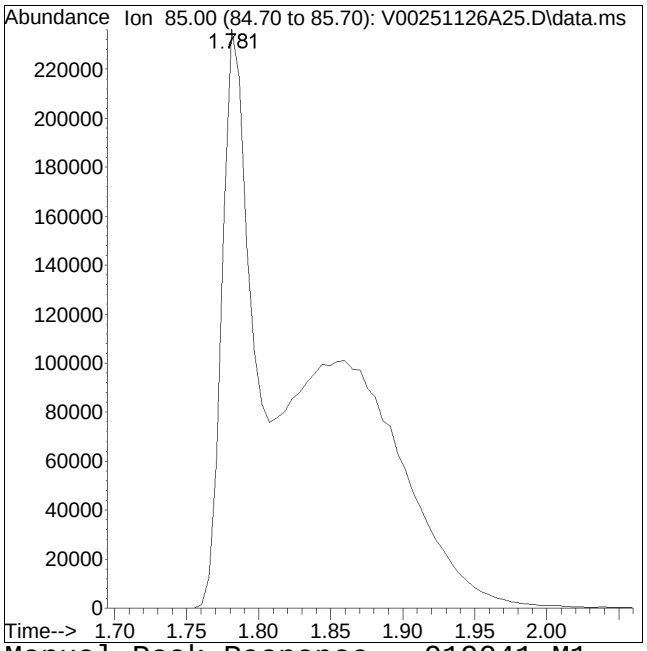
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A25.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 4:58 pm Instrument : VOA100
Sample : WG2146952-6,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 346303



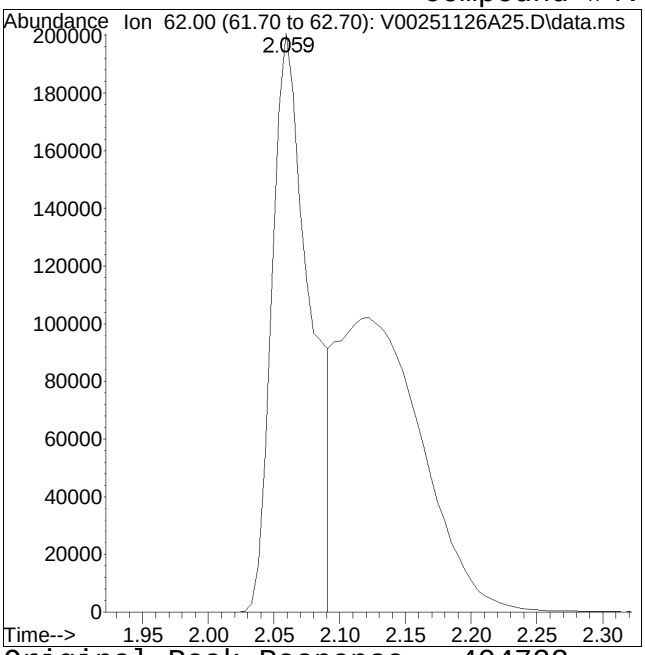
Manual Peak Response = 919041 M1

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

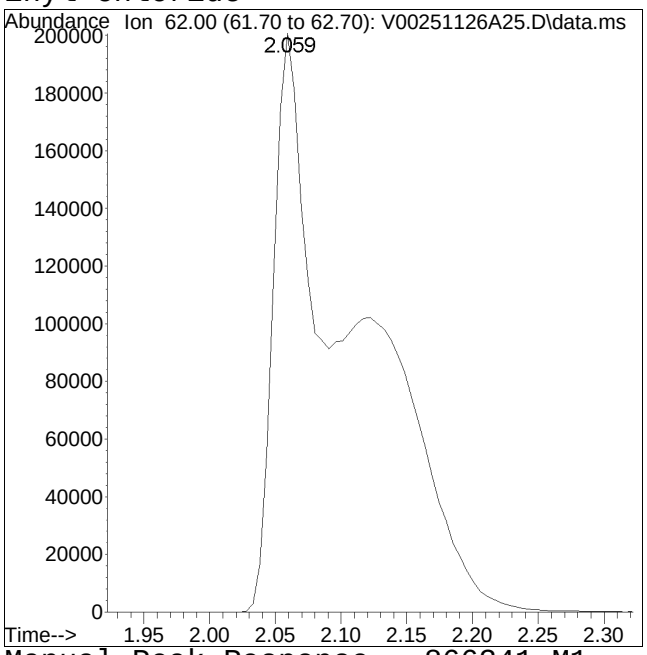
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A25.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 4:58 pm Instrument : VOA100
Sample : WG2146952-6,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #4: Vinyl chloride



Original Peak Response = 404722



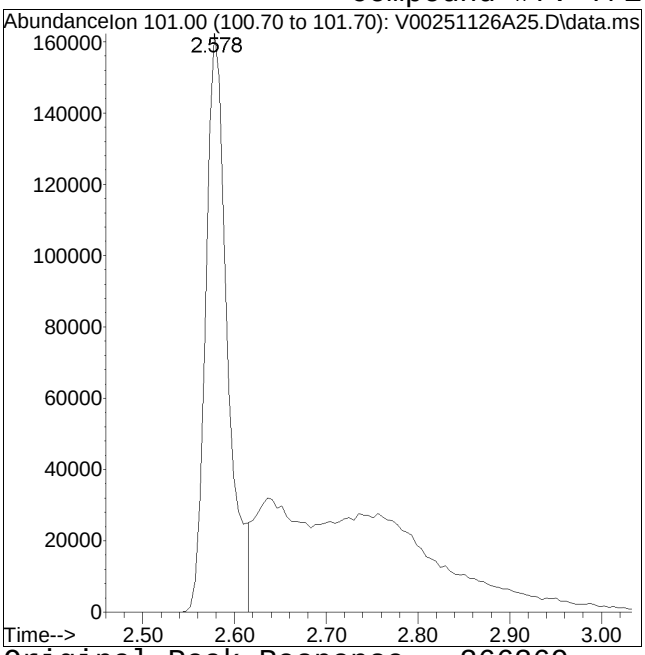
Manual Peak Response = 866341 M1

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

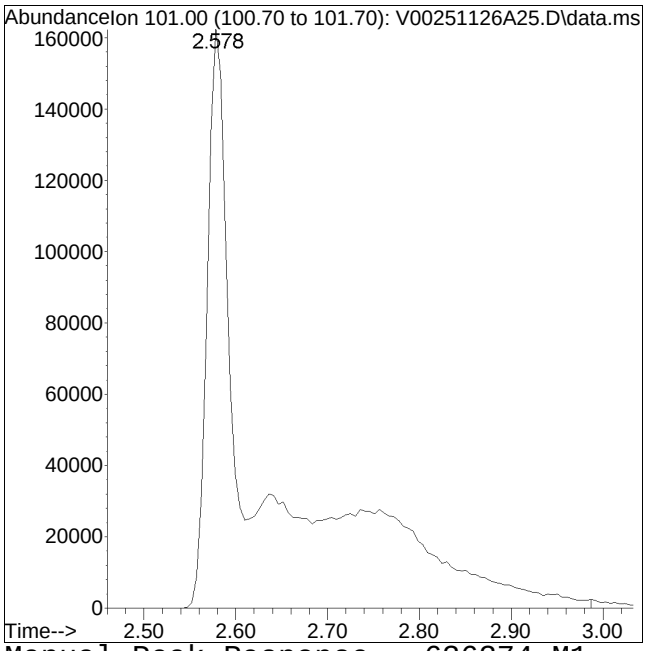
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A25.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 4:58 pm Instrument : VOA100
Sample : WG2146952-6,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #7: Trichlorofluoromethane



Original Peak Response = 266369



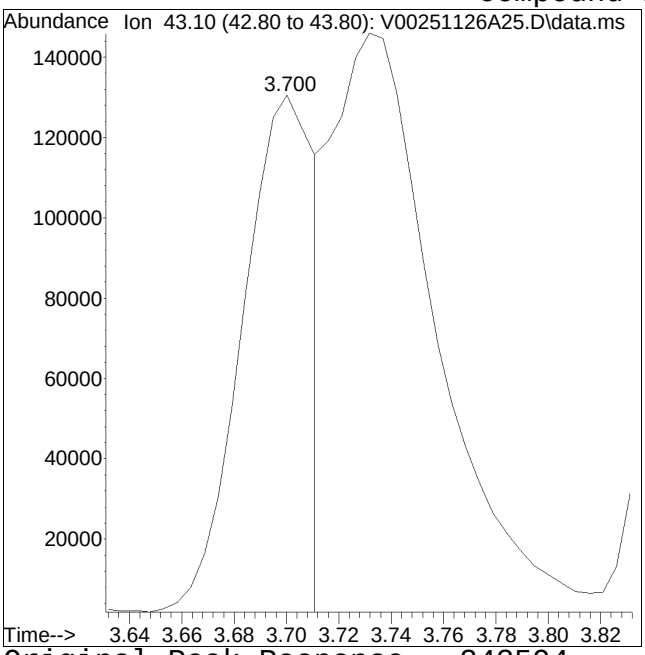
Manual Peak Response = 636374 M1

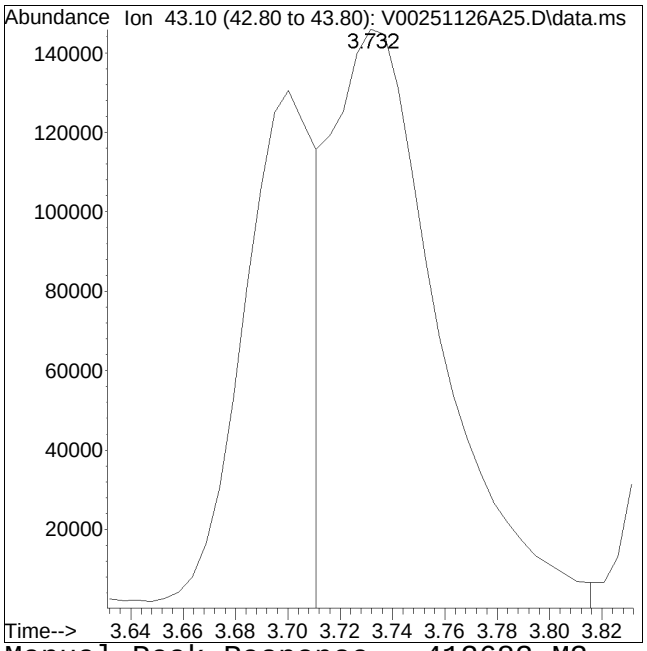
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A25.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 4:58 pm Instrument : VOA100
Sample : WG2146952-6,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #17: Acetone





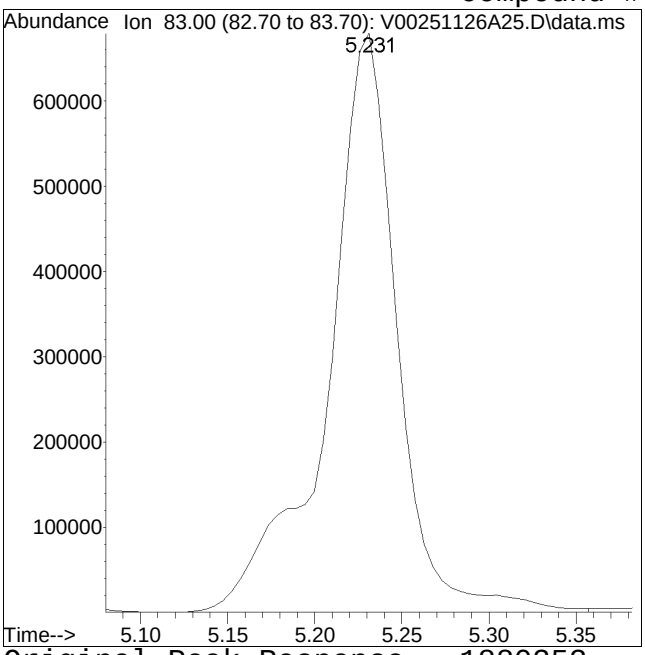
Original Peak Response = 243594 Manual Peak Response = 412683 M3

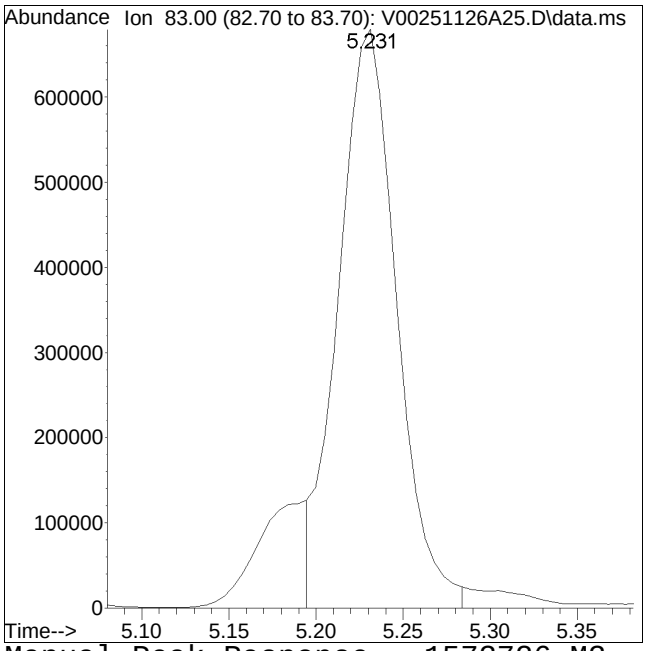
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A25.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 4:58 pm Instrument : VOA100
Sample : WG2146952-6,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #33: Chloroform



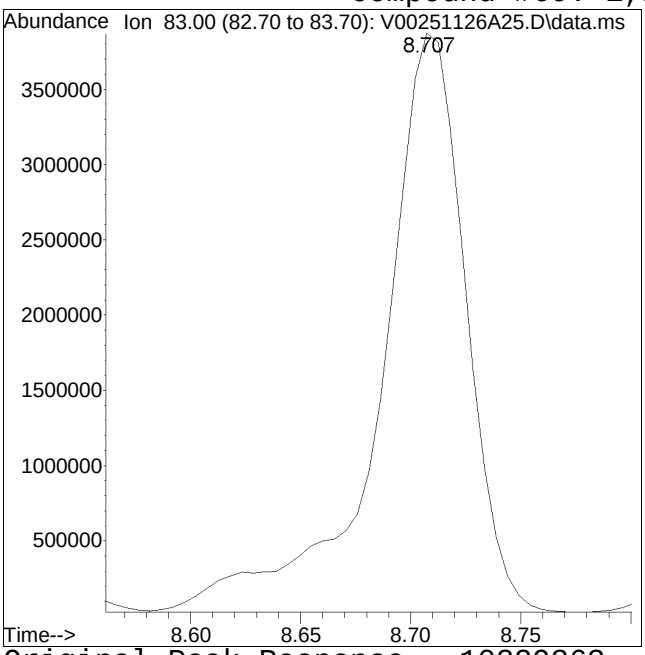


Original Peak Response = 1880353 Manual Peak Response = 1573726 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

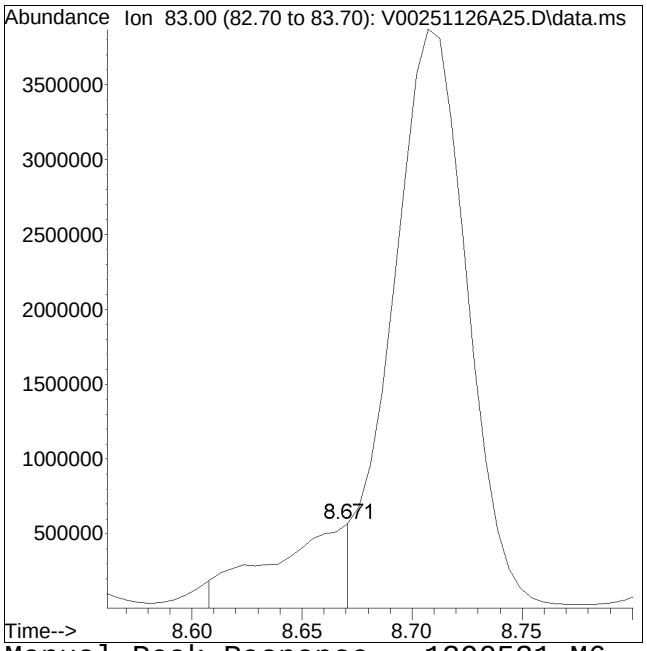
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A25.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 4:58 pm Instrument : VOA100
Sample : WG2146952-6,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #69: 1,1,2-Trichloroethane



Original Peak Response = 10329363



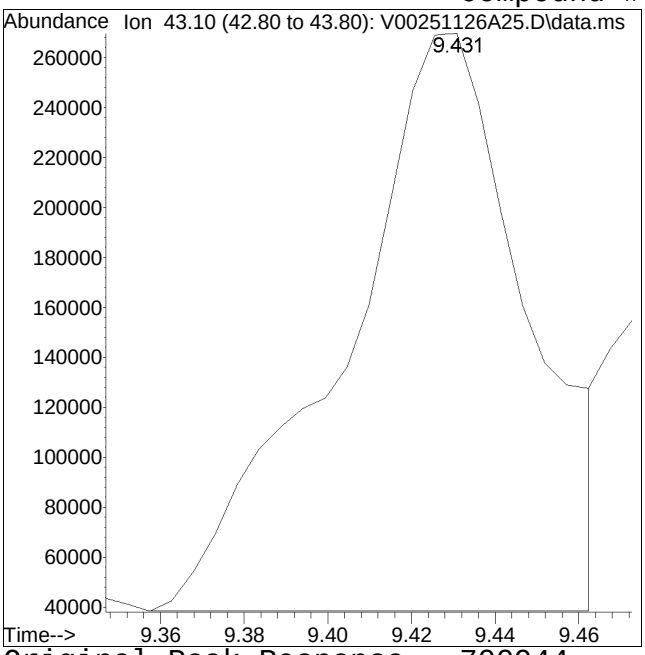
Manual Peak Response = 1390531 M6

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

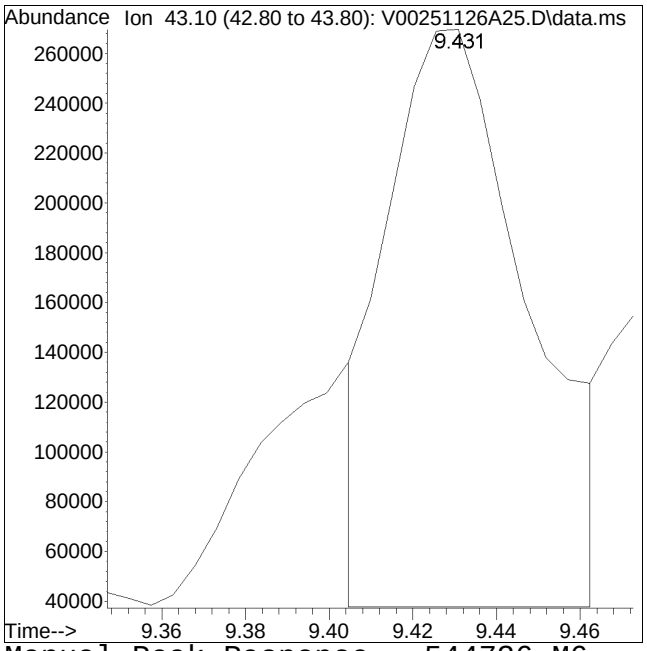
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A25.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 4:58 pm Instrument : VOA100
Sample : WG2146952-6,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #73: 2-Hexanone



Original Peak Response = 700944



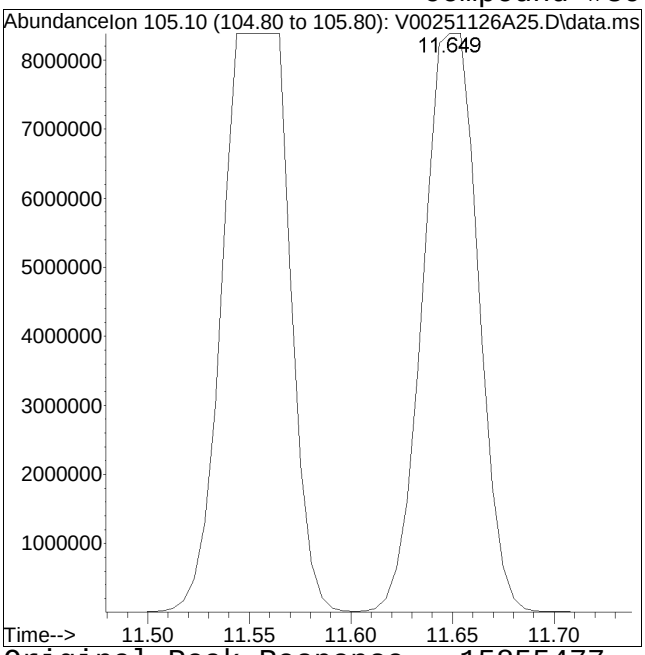
Manual Peak Response = 544736 M6

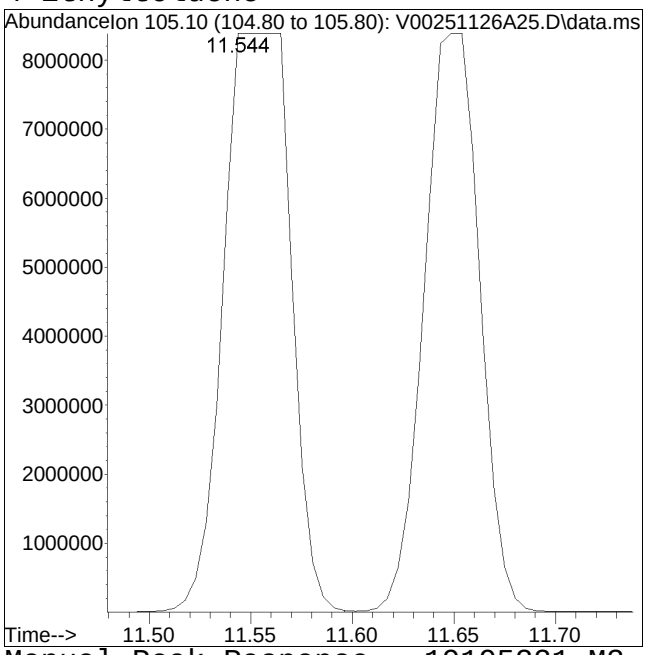
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A25.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 4:58 pm Instrument : VOA100
Sample : WG2146952-6,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #89: 4-Ethyltoluene



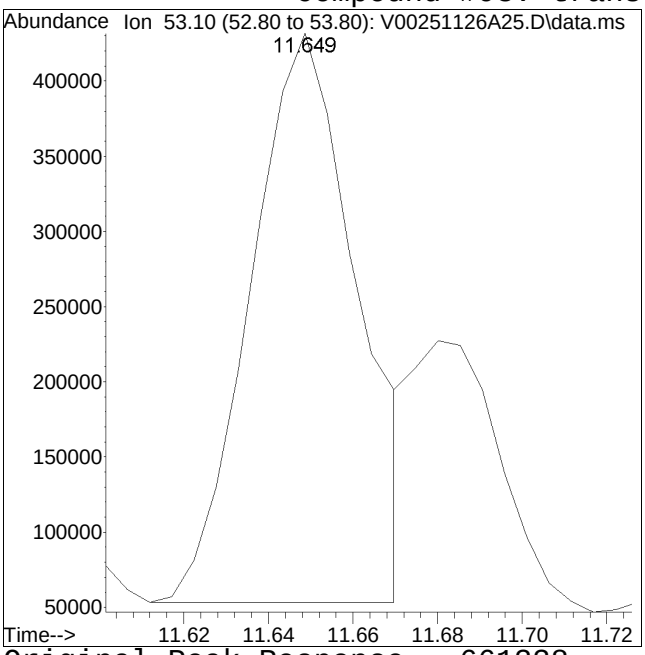


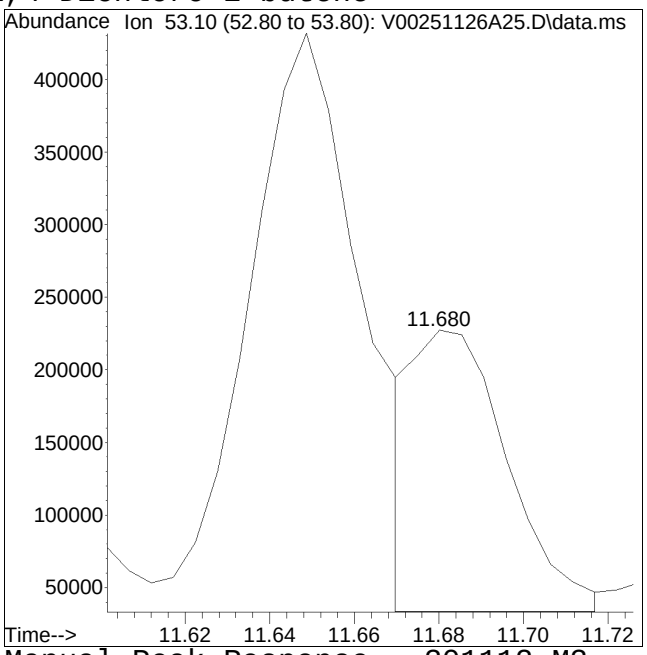
Original Peak Response = 15855477 Manual Peak Response = 19195221 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A25.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 4:58 pm Instrument : VOA100
Sample : WG2146952-6,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #93: trans-1,4-Dichloro-2-butene





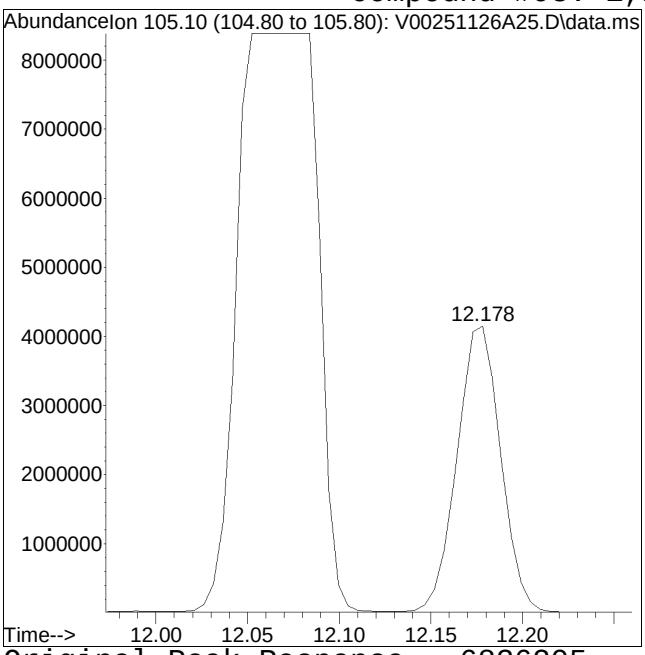
Original Peak Response = 661338 Manual Peak Response = 301112 M3

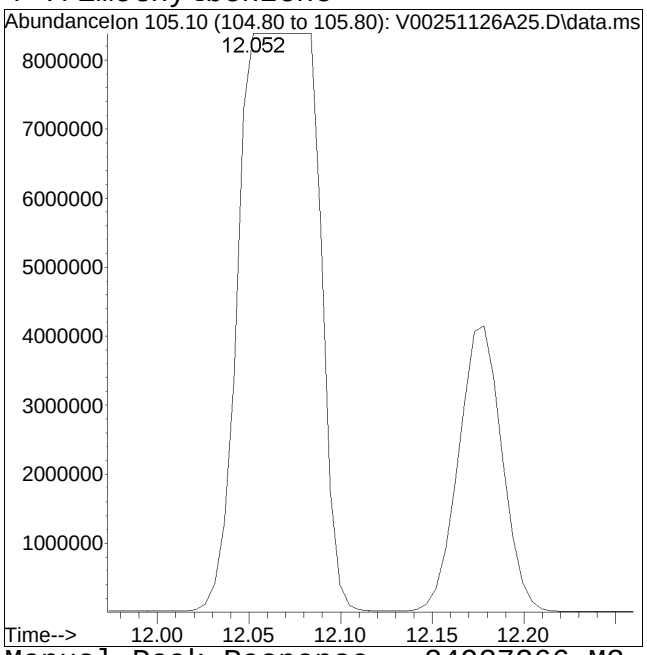
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A25.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 4:58 pm Instrument : VOA100
Sample : WG2146952-6,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #98: 1,2,4-Trimethylbenzene



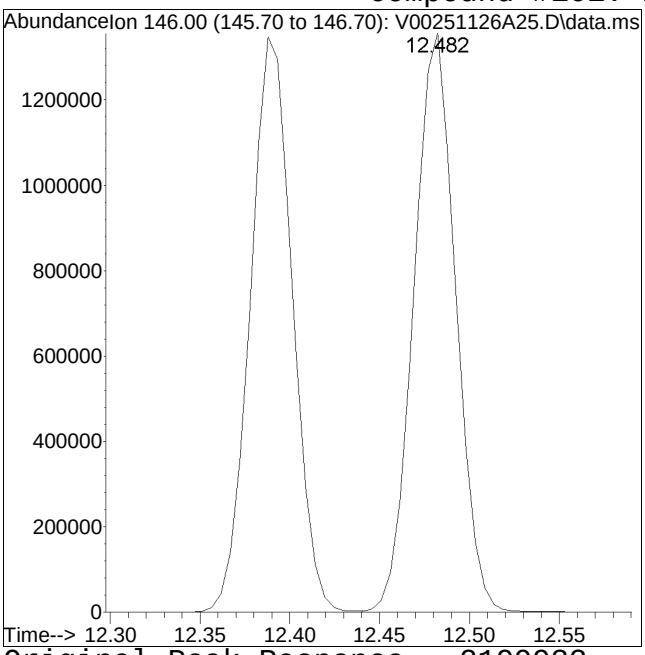


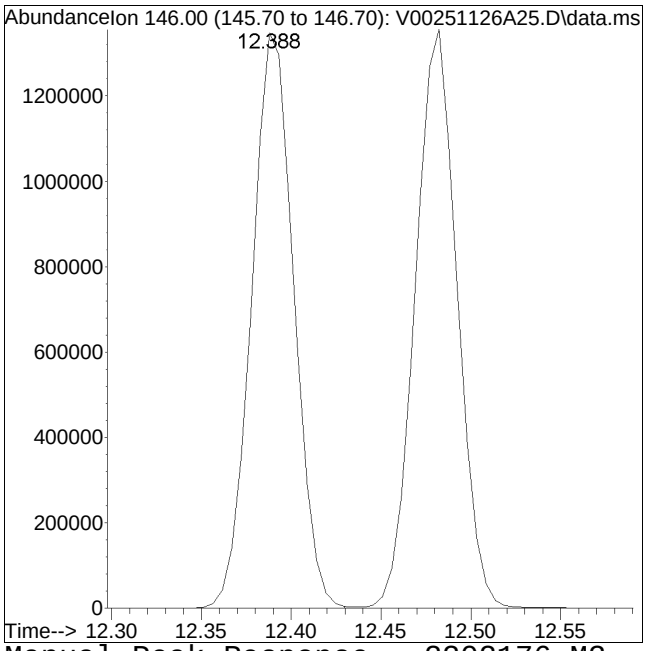
Original Peak Response = 6836205 Manual Peak Response = 24937266 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A25.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 4:58 pm Instrument : VOA100
Sample : WG2146952-6,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #101: 1,3-Dichlorobenzene





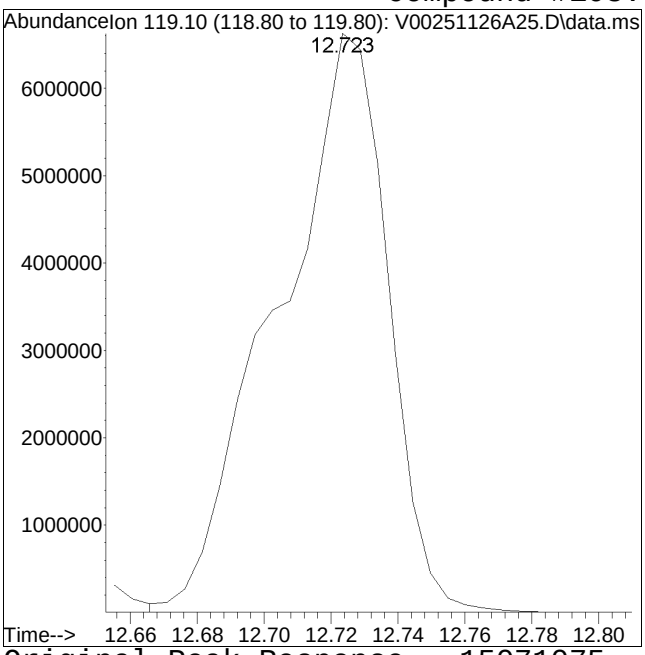
Original Peak Response = 2199933 Manual Peak Response = 2202176 M3

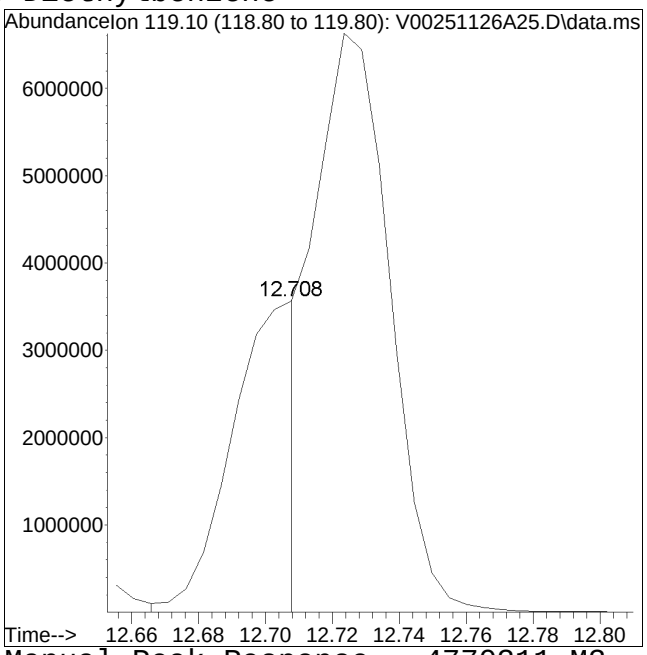
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A25.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 4:58 pm Instrument : VOA100
Sample : WG2146952-6,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #103: p-Diethylbenzene





Original Peak Response = 15071075 Manual Peak Response = 4770311 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A26.D
Acq On : 26 Nov 2025 05:24 pm
Operator : VOA100:AJK
Sample : WG2146952-7,31H,5.55,5,0.100,,A,29.81,35.86,0
Misc : WG2146952,ICAL22760
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 28 08:12:04 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.238	96	921532	20.000	ug/L	0.00
Standard Area 1 = 378260			Recovery = 243.62% *			
60) Chlorobenzene-d5	9.798	117	415066	20.000	ug/L	0.00
Standard Area 1 = 324241			Recovery = 128.01%			
80) 1,4-Dichlorobenzene-d4	12.466	152	256536	20.000	ug/L	0.00
Standard Area 1 = 197845			Recovery = 129.67%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	129523	9.245	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 46.22%#			
44) 1,2-Dichloroethane-d4	5.944	65	226695	17.897	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 89.48%			
61) Toluene-d8	7.942	98	560474	22.342	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 111.71%			
84) 4-Bromofluorobenzene	11.266	95	671573	67.757	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 338.79%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	953884M1	68.813	ug/L	
3) Chloromethane	2.022	50	787942	51.285	ug/L	96
4) Vinyl chloride	2.059	62	890952M1	41.946	ug/L	
5) Bromomethane	2.374	94	590948	29.029	ug/L	100
6) Chloroethane	2.468	64	287465	16.927	ug/L	93
7) Trichlorofluoromethane	2.578	101	678696M1	28.939	ug/L	
8) Ethyl ether	2.945	74	471212	58.663	ug/L	86
10) 1,1-Dichloroethene	3.123	96	852247	68.290	ug/L #	73
11) Carbon disulfide	3.155	76	2786278	64.371	ug/L	99
15) Methylene chloride	3.690	84	874688	57.912	ug/L	93
17) Acetone	3.726	43	374862M3	54.144	ug/L	
18) trans-1,2-Dichloroethene	3.852	96	924193	62.810	ug/L	84
20) Methyl tert-butyl ether	3.962	73	2398816	60.606	ug/L #	1
23) 1,1-Dichloroethane	4.439	63	1456225	57.233	ug/L	95
25) Acrylonitrile	4.471	53	222666	57.665	ug/L	91
27) Vinyl acetate	4.670	43	1763299	60.111	ug/L	97
28) cis-1,2-Dichloroethene	4.964	96	1013822	62.897	ug/L #	78
29) 2,2-Dichloropropane	5.069	77	1357755	64.773	ug/L #	79
31) Bromochloromethane	5.158	128	500036	62.409	ug/L	91
33) Chloroform	5.231	83	1584732M6	57.797	ug/L	

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A26.D
Acq On : 26 Nov 2025 05:24 pm
Operator : VOA100:AJK
Sample : WG2146952-7,31H,5.55,5,0.100,,A,29.81,35.86,0
Misc : WG2146952,ICAL22760
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 28 08:12:04 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
35) Carbon tetrachloride	5.383	117	1463571	73.862	ug/L		97
38) 1,1,1-Trichloroethane	5.441	97	1474269	71.061	ug/L		92
40) 2-Butanone	5.514	43	284210	55.112	ug/L		94
41) 1,1-Dichloropropene	5.567	75	1166001	70.028	ug/L		93
42) Benzene	5.808	78	3413258	63.325	ug/L	#	94
45) 1,2-Dichloroethane	6.007	62	1006558	58.081	ug/L		97
49) Trichloroethene	6.416	95	1094284	73.176	ug/L	#	45
51) Dibromomethane	6.851	93	547756	58.515	ug/L	#	78
52) 1,2-Dichloropropane	6.951	63	833479	59.734	ug/L		96
55) Bromodichloromethane	7.024	83	1217595	58.772	ug/L	#	98
58) 1,4-Dioxane	7.250	88	330493	2822.643	ug/L	#	63
59) cis-1,3-Dichloropropene	7.722	75	1429819	62.417	ug/L	#	37
62) Toluene	7.999	92	2256521	135.265	ug/L		100
63) 4-Methyl-2-pentanone	8.419	58	401533	199.802	ug/L	#	1
64) Tetrachloroethene	8.461	166	1204004	168.393	ug/L		96
66) trans-1,3-Dichloropropene	8.466	75	1309071	130.952	ug/L	#	2
69) 1,1,2-Trichloroethane	8.707	83	10068781	1995.764	ug/L	#	12
70) Chlorodibromomethane	8.880	129	1081815	139.796	ug/L		96
71) 1,3-Dichloropropane	8.980	76	1237087	127.735	ug/L		96
72) 1,2-Dibromoethane	9.153	107	852894	142.834	ug/L	#	1
73) 2-Hexanone	9.425	43	489796M6	127.261	ug/L		
74) Chlorobenzene	9.819	112	2571622	128.354	ug/L		89
75) Ethylbenzene	9.861	91	20427516	622.635	ug/L		90
76) 1,1,1,2-Tetrachloroethane	9.908	131	998194	140.190	ug/L		99
77) p/m Xylene	10.055	106	10686978	812.161	ug/L		88
78) o Xylene	10.579	106	3405706	260.770	ug/L		99
79) Styrene	10.637	104	5442207	242.442	ug/L		99
81) Bromoform	10.658	173	749163	123.663	ug/L		99
83) Isopropylbenzene	10.956	105	8678408	243.837	ug/L		96
85) Bromobenzene	11.381	156	1179083	129.019	ug/L		98
86) n-Propylbenzene	11.423	91	16420641	382.391	ug/L	#	90
88) 1,1,2,2-Tetrachloroethane	11.491	83	1702323	194.009	ug/L	#	70
89) 4-Ethyltoluene	11.544	105	18908459	539.680	ug/L	#	78
90) 2-Chlorotoluene	11.591	91	2334303	95.666	ug/L	#	83
91) 1,3,5-Trimethylbenzene	11.649	105	15407980	510.033	ug/L		92
92) 1,2,3-Trichloropropane	11.638	75	937777	135.668	ug/L		94
93) trans-1,4-Dichloro-2-b...	11.680	53	299701M3	130.661	ug/L		
94) 4-Chlorotoluene	11.769	91	2886584	114.456	ug/L		94
95) tert-Butylbenzene	11.984	119	3294128	123.308	ug/L		98

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A26.D
Acq On : 26 Nov 2025 05:24 pm
Operator : VOA100:AJK
Sample : WG2146952-7,31H,5.55,5,0.100,,A,29.81,35.86,0
Misc : WG2146952,ICAL22760
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 28 08:12:04 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251126A\V00251126A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
98) 1,2,4-Trimethylbenzene	12.052	105	24468013M3	823.352	ug/L		
99) sec-Butylbenzene	12.178	105	6613391	168.114	ug/L	#	84
100) p-Isopropyltoluene	12.325	119	6561424	188.644	ug/L		99
101) 1,3-Dichlorobenzene	12.388	146	2168005M3	119.232	ug/L		
102) 1,4-Dichlorobenzene	12.482	146	2154938	117.214	ug/L		95
103) p-Diethylbenzene	12.708	119	4578685M3	219.304	ug/L		
104) n-Butylbenzene	12.755	91	7832773M6	257.043	ug/L		
105) 1,2-Dichlorobenzene	12.902	146	2022697	119.391	ug/L		90
106) 1,2,4,5-Tetramethylben...	13.489	119	11135396	355.007	ug/L		96
107) 1,2-Dibromo-3-chloropr...	13.672	155	195204	124.004	ug/L		92
109) Hexachlorobutadiene	14.291	225	648660	118.049	ug/L		98
110) 1,2,4-Trichlorobenzene	14.307	180	1189802	104.569	ug/L	#	94
111) Naphthalene	14.600	128	10164006	380.499	ug/L		100
112) 1,2,3-Trichlorobenzene	14.768	180	908035	88.562	ug/L	#	94

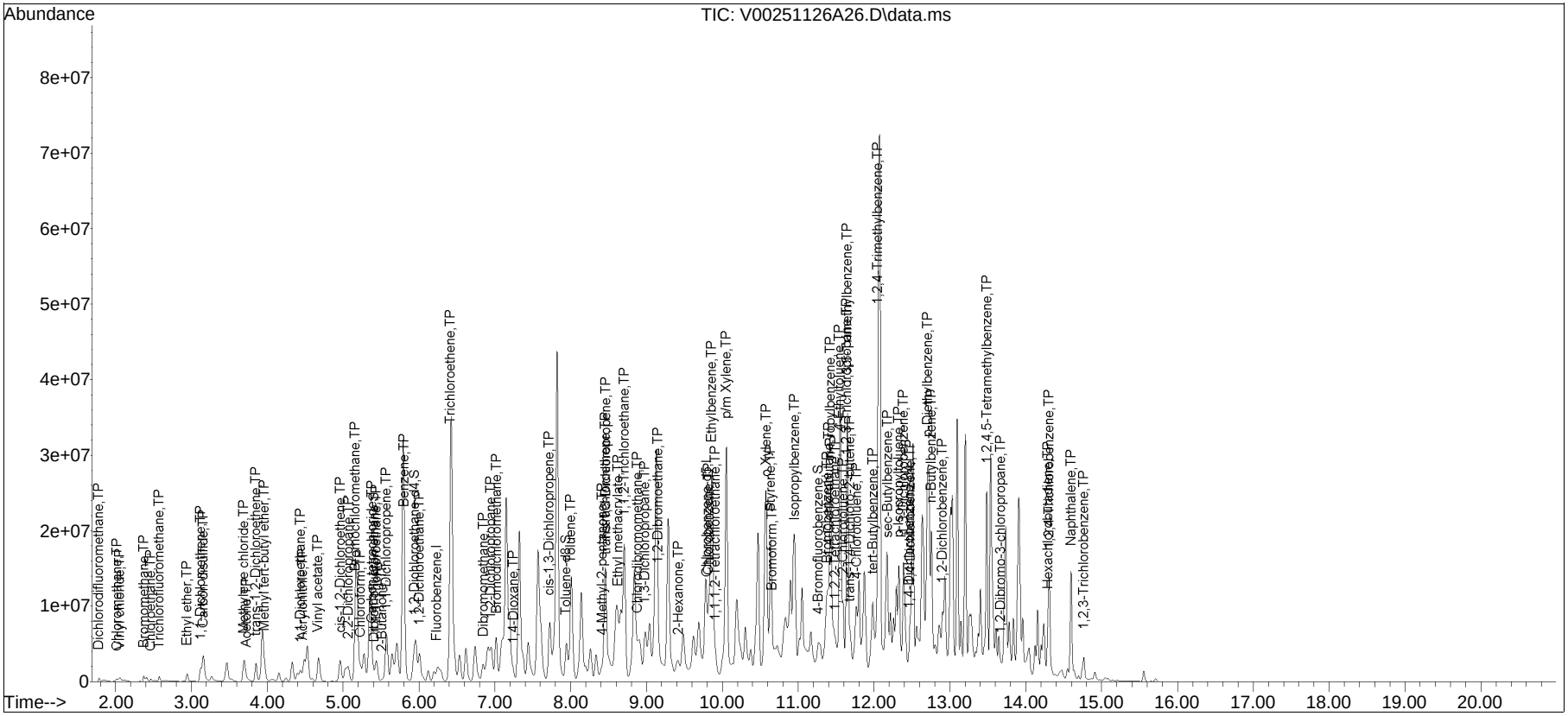
(#) = qualifier out of range (m) = manual integration (+) = signals summed

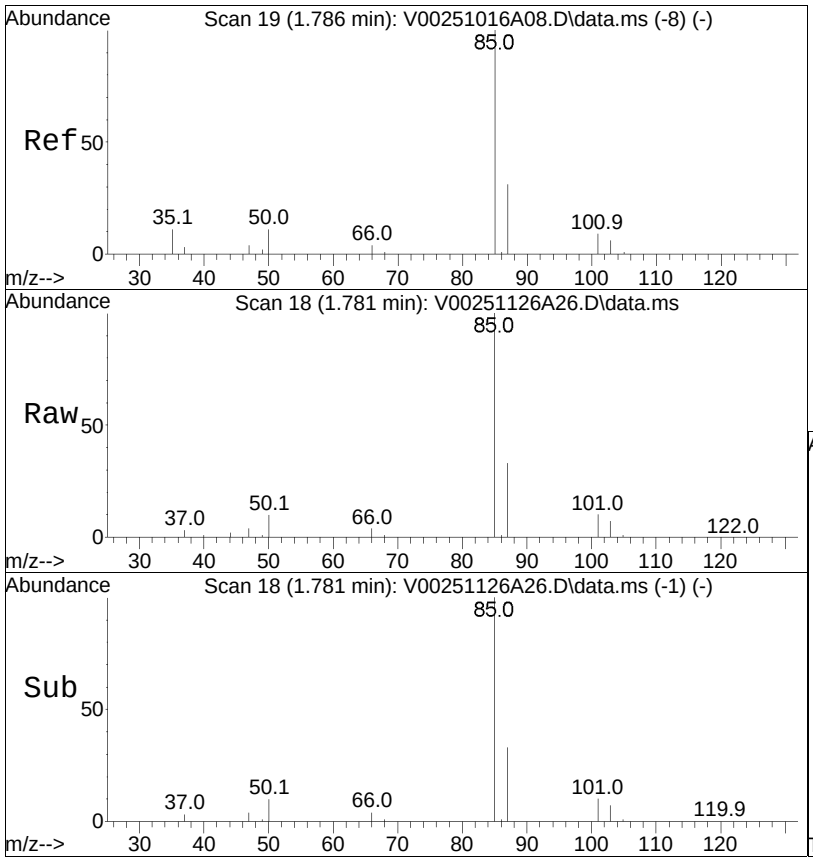
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251126A\
Data File : V00251126A26.D
Acq On : 26 Nov 2025 05:24 pm
Operator : VOA100:AJK
Sample : WG2146952-7,31H,5.55,5,0.100,,A,29.81,35.86,0
Misc : WG2146952,ICAL22760
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 28 08:12:04 2025
Quant Method : K:\VOA100\2025\251126A\V100_251024A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251126A01.D•

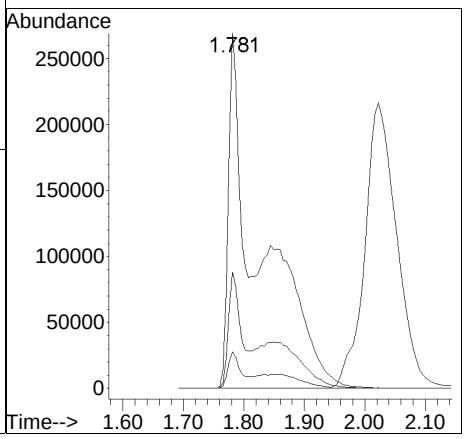


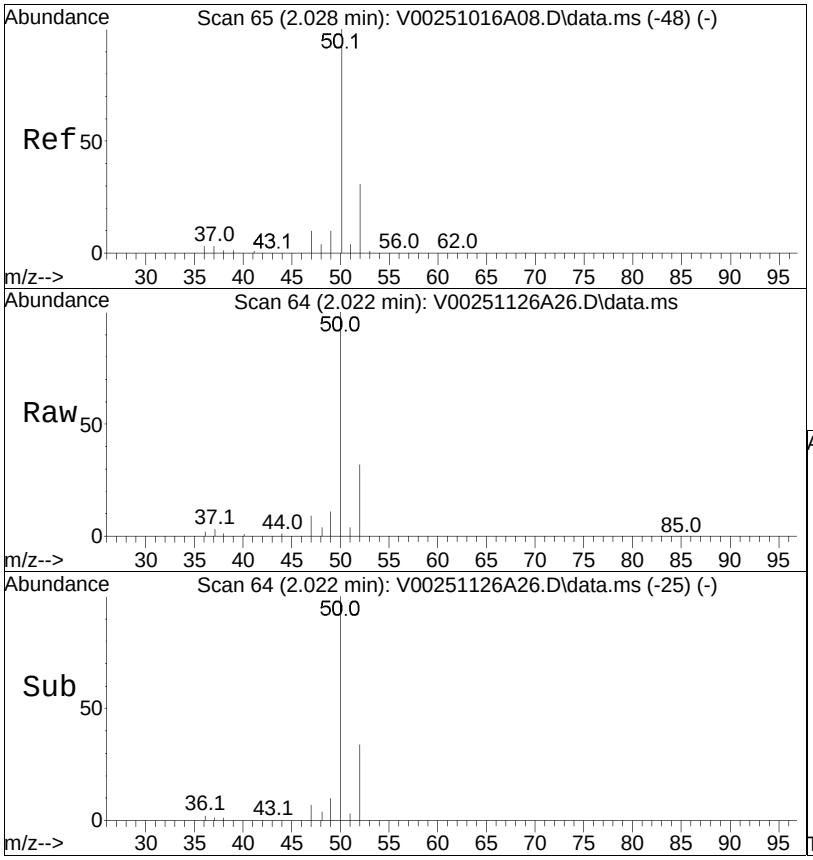


#2
Dichlorodifluoromethane
Concen: 68.81 ug/L M1
RT: 1.781 min Scan# 18
Delta R.T. -0.006 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 85 Resp: 953884

Ion	Ratio	Lower	Upper
85	100		
87	14.2	14.6	30.2#
50	4.5	6.1	12.7#

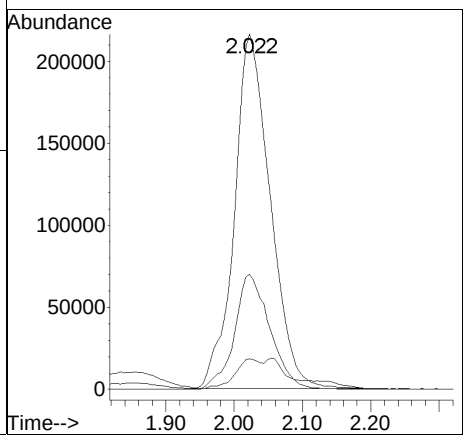


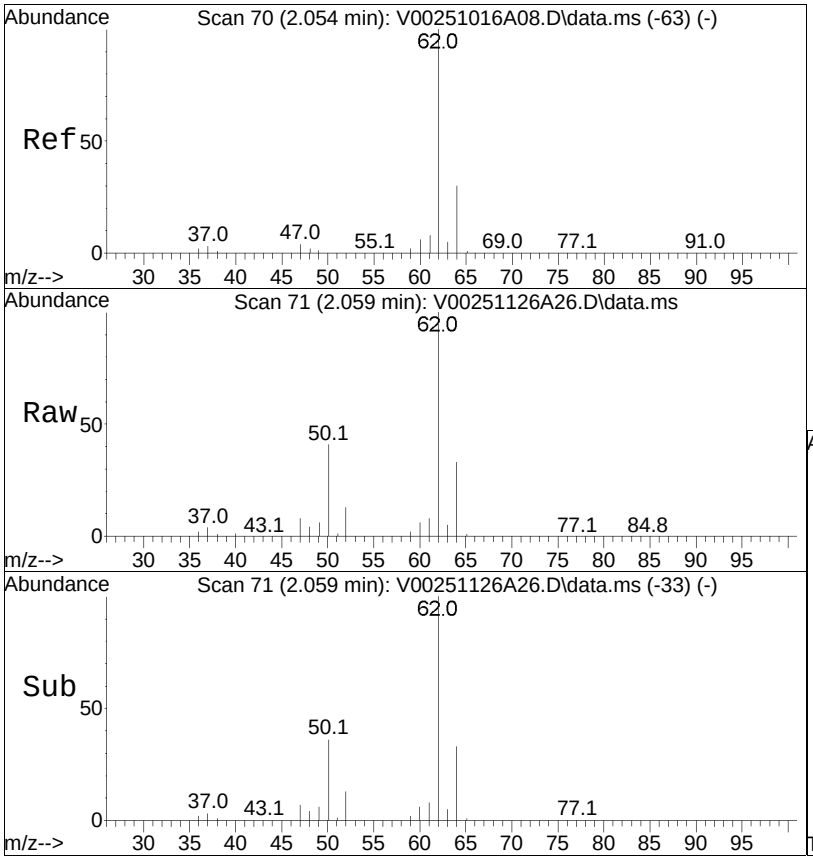


#3
Chloromethane
Concen: 51.28 ug/L
RT: 2.022 min Scan# 64
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 50 Resp: 787942

Ion	Ratio	Lower	Upper
50	100		
52	32.3	14.2	54.2
47	6.5	0.0	28.0

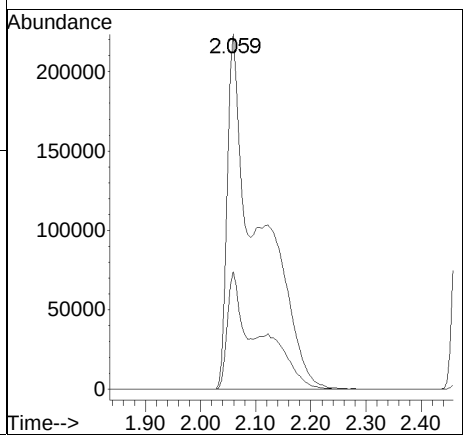


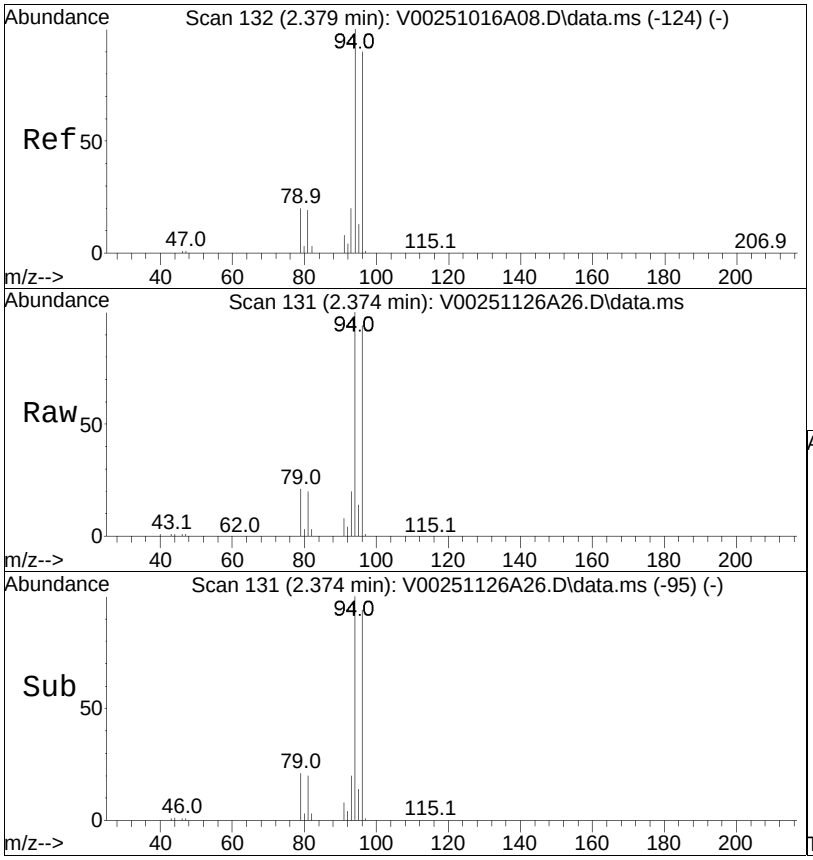


#4
Vinyl chloride
Concen: 41.95 ug/L M1
RT: 2.059 min Scan# 71
Delta R.T. 0.000 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 62 Resp: 890952

Ion	Ratio	Lower	Upper
62	100		
64	17.4	4.4	44.4

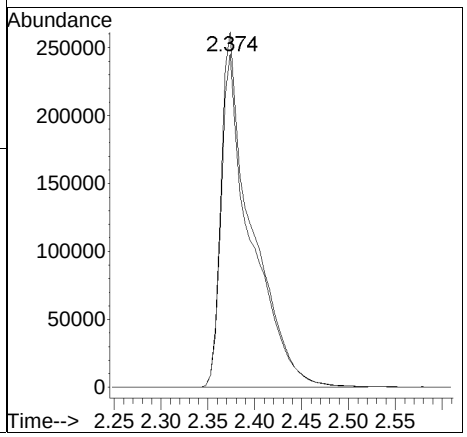


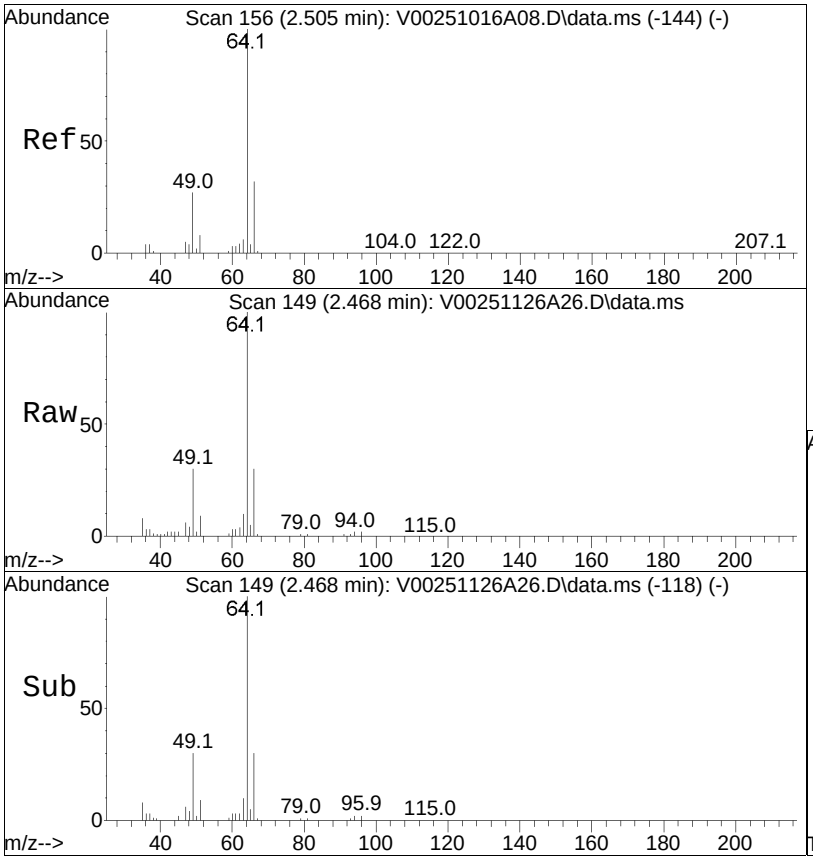


#5
Bromomethane
Concen: 29.03 ug/L
RT: 2.374 min Scan# 131
Delta R.T. -0.010 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 94 Resp: 590948

Ion	Ratio	Lower	Upper
94	100		
96	92.5	72.4	112.4

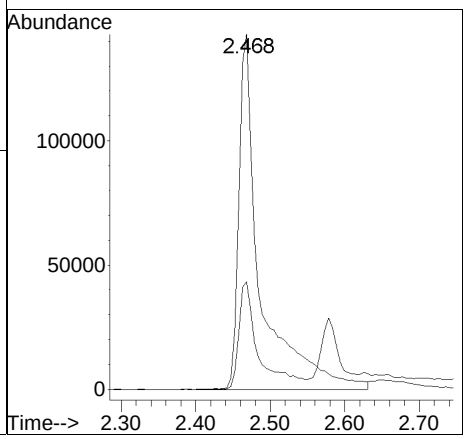


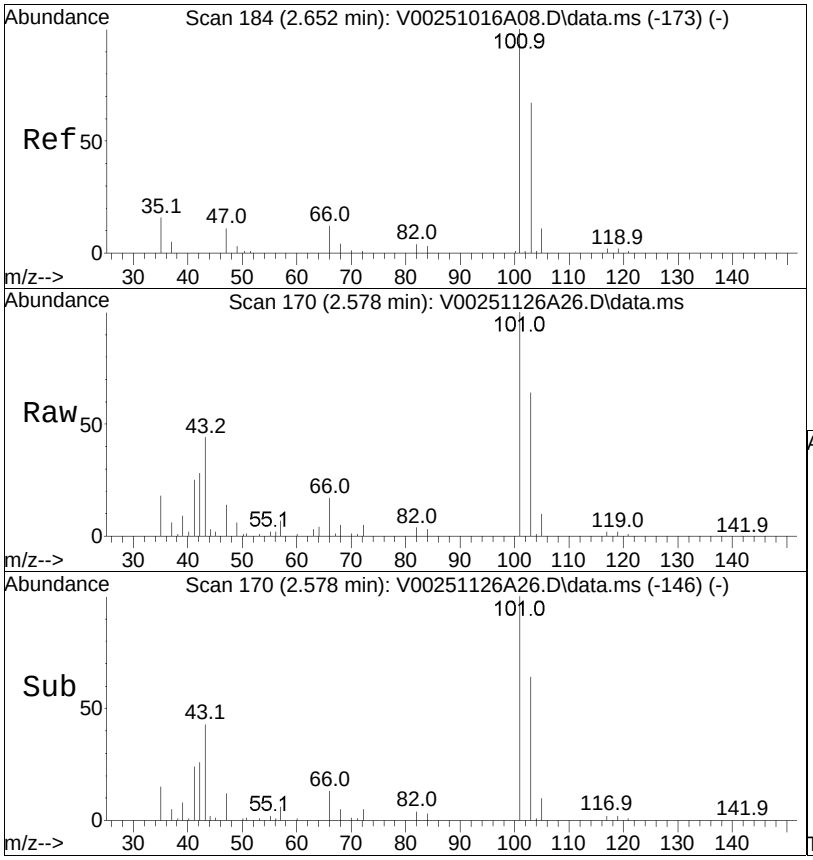


#6
Chloroethane
Concen: 16.93 ug/L
RT: 2.468 min Scan# 149
Delta R.T. -0.037 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 64 Resp: 287465

Ion	Ratio	Lower	Upper
64	100		
66	28.3	4.8	44.8

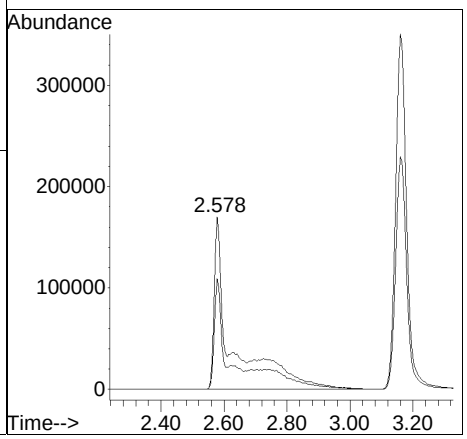


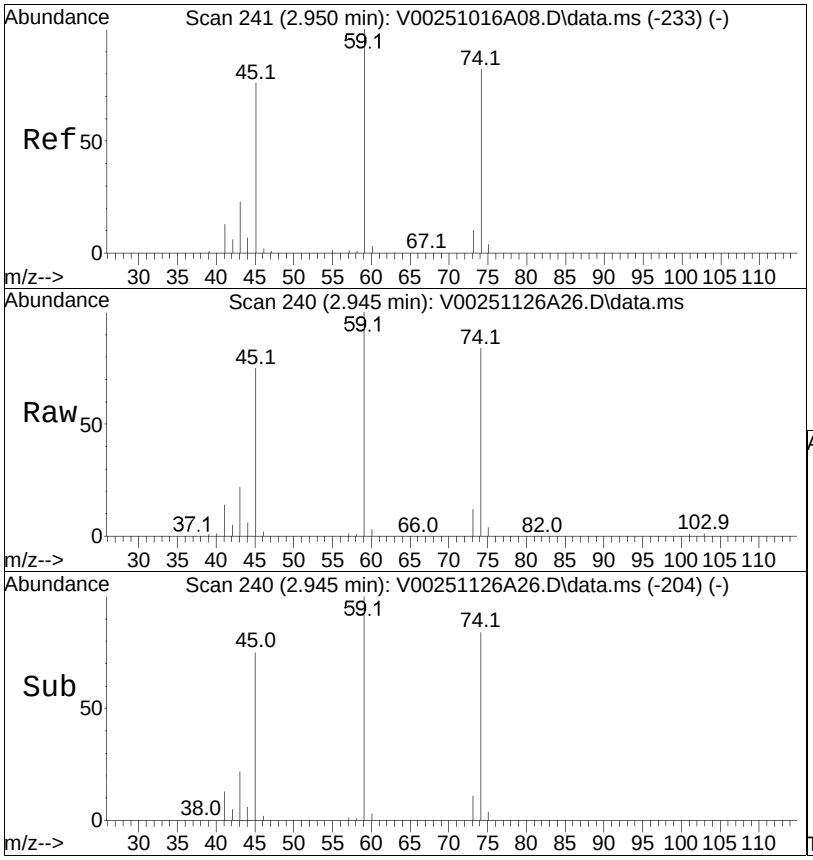


#7
Trichlorofluoromethane
Concen: 28.94 ug/L M1
RT: 2.578 min Scan# 170
Delta R.T. -0.074 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:101 Resp: 678696

Ion	Ratio	Lower	Upper
101	100		
103	25.8	51.5	77.3#

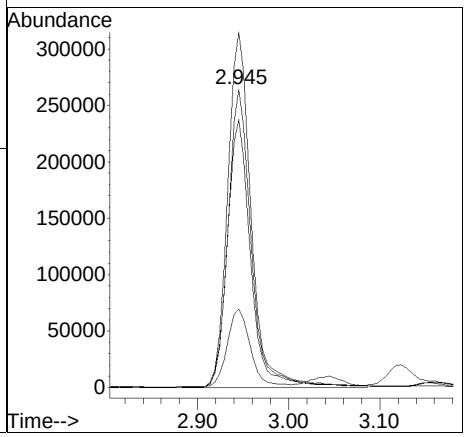


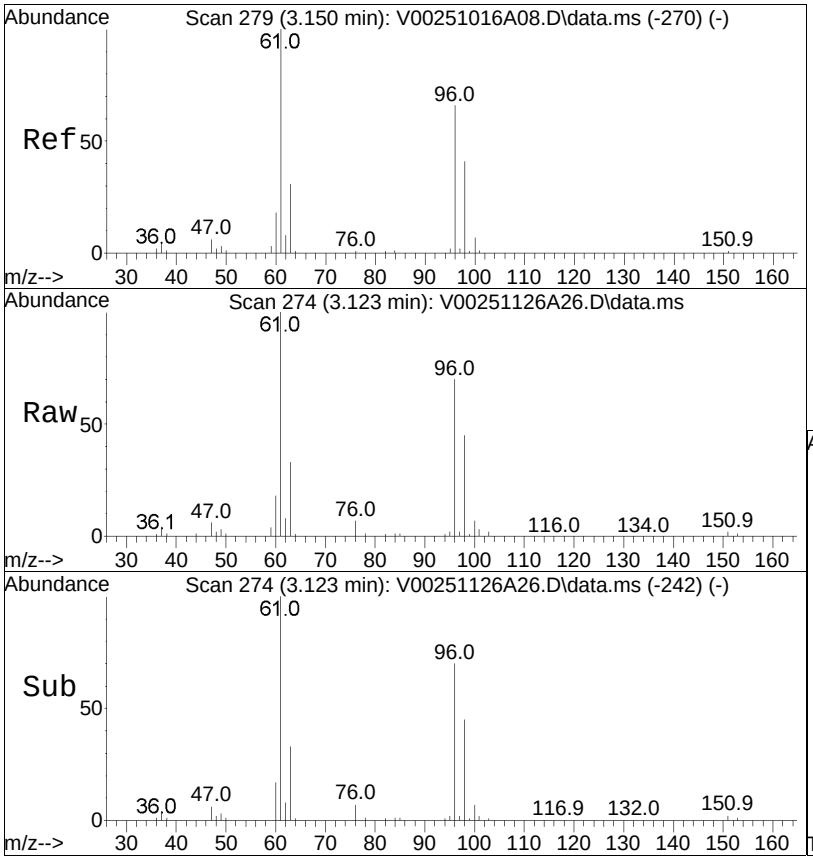


#8
Ethyl ether
Concen: 58.66 ug/L
RT: 2.945 min Scan# 240
Delta R.T. -0.011 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 74 Resp: 471212

Ion	Ratio	Lower	Upper
74	100		
59	120.7	97.0	201.4
45	90.4	57.3	118.9
43	25.9	18.7	38.9

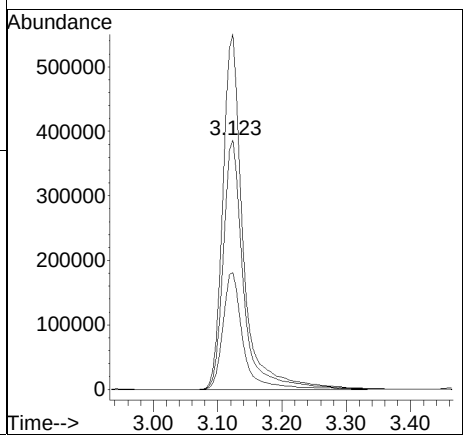


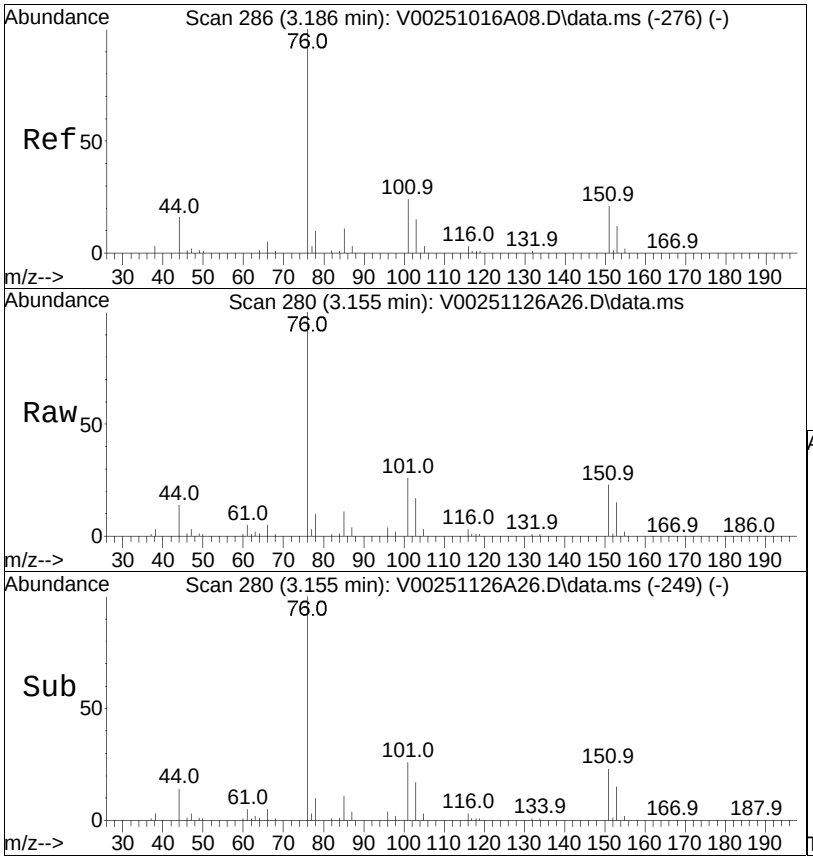


#10
1,1-Dichloroethene
Concen: 68.29 ug/L
RT: 3.123 min Scan# 274
Delta R.T. -0.032 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 96 Resp: 852247

Ion	Ratio	Lower	Upper
96	100		
61	142.0	149.4	224.2#
63	46.4	47.0	70.6#

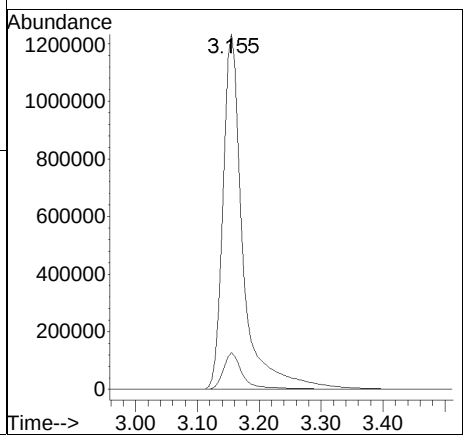


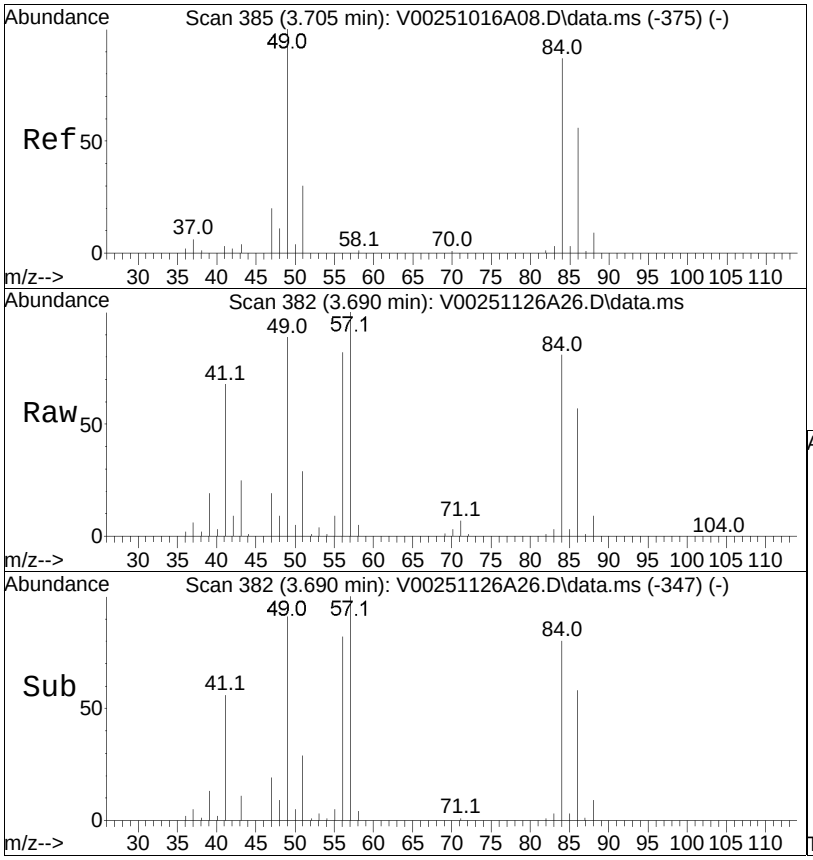


#11
Carbon disulfide
Concen: 64.37 ug/L
RT: 3.155 min Scan# 280
Delta R.T. -0.037 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 76 Resp: 2786278

Ion	Ratio	Lower	Upper
76	100		
78	10.3	6.4	13.4

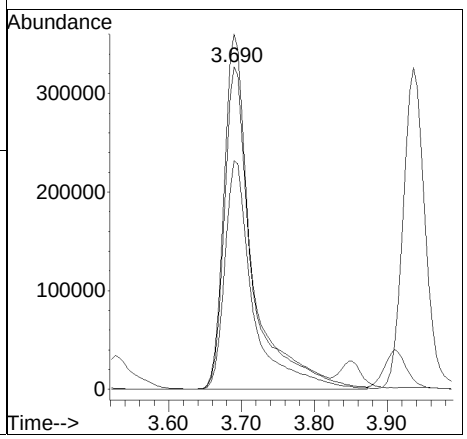


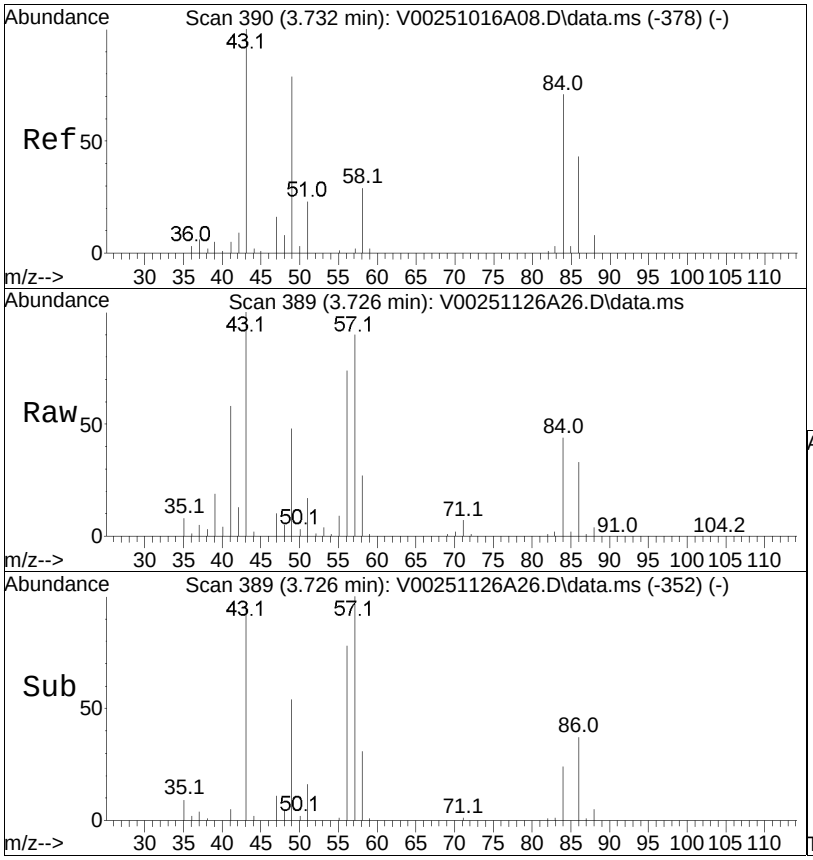


#15
Methylene chloride
Concen: 57.91 ug/L
RT: 3.690 min Scan# 382
Delta R.T. -0.015 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 84 Resp: 874688

Ion	Ratio	Lower	Upper
84	100		
86	72.1	39.6	82.2
49	109.1	72.7	150.9

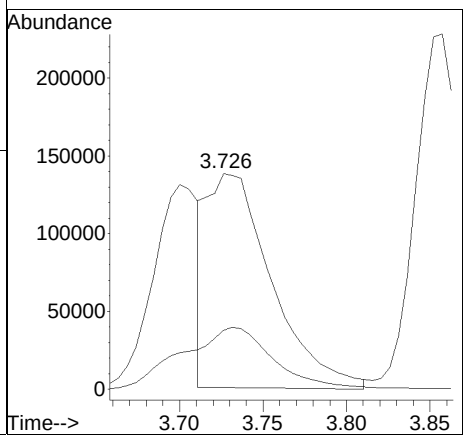


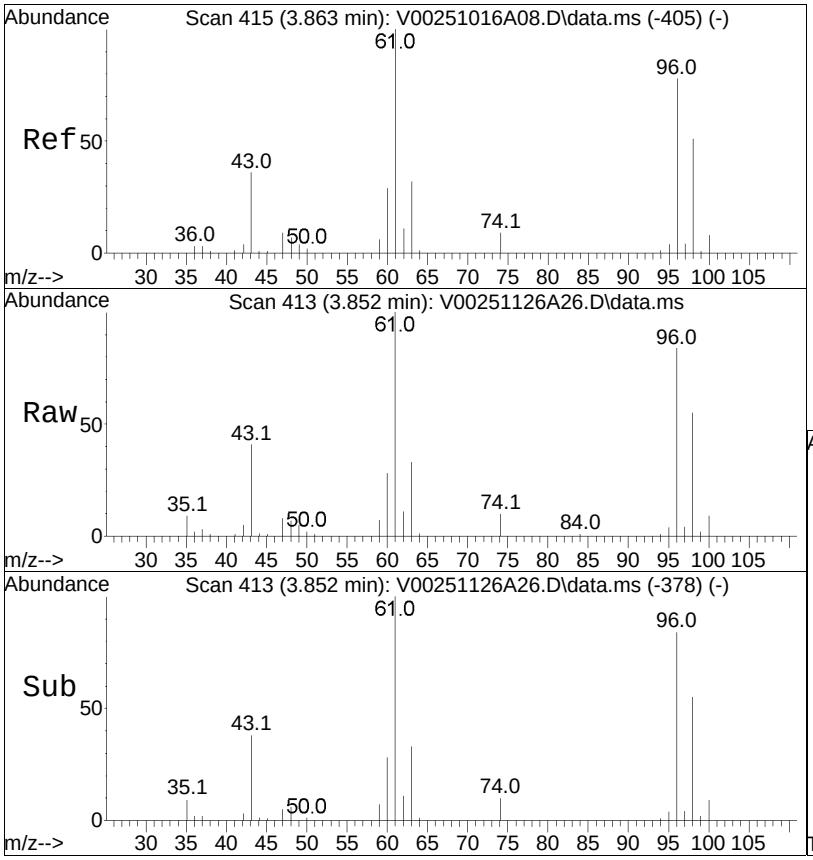


#17
Acetone
Concen: 54.14 ug/L M3
RT: 3.726 min Scan# 389
Delta R.T. -0.006 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 43 Resp: 374862

Ion	Ratio	Lower	Upper
43	100		
58	41.4	27.2	40.8#

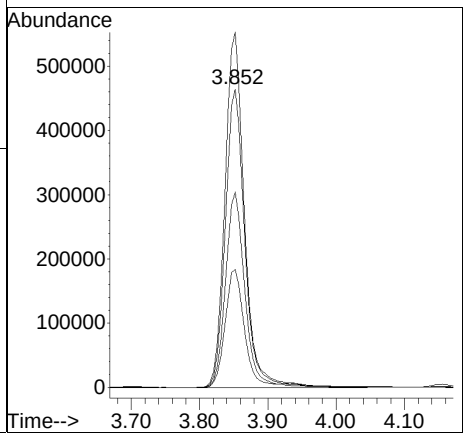


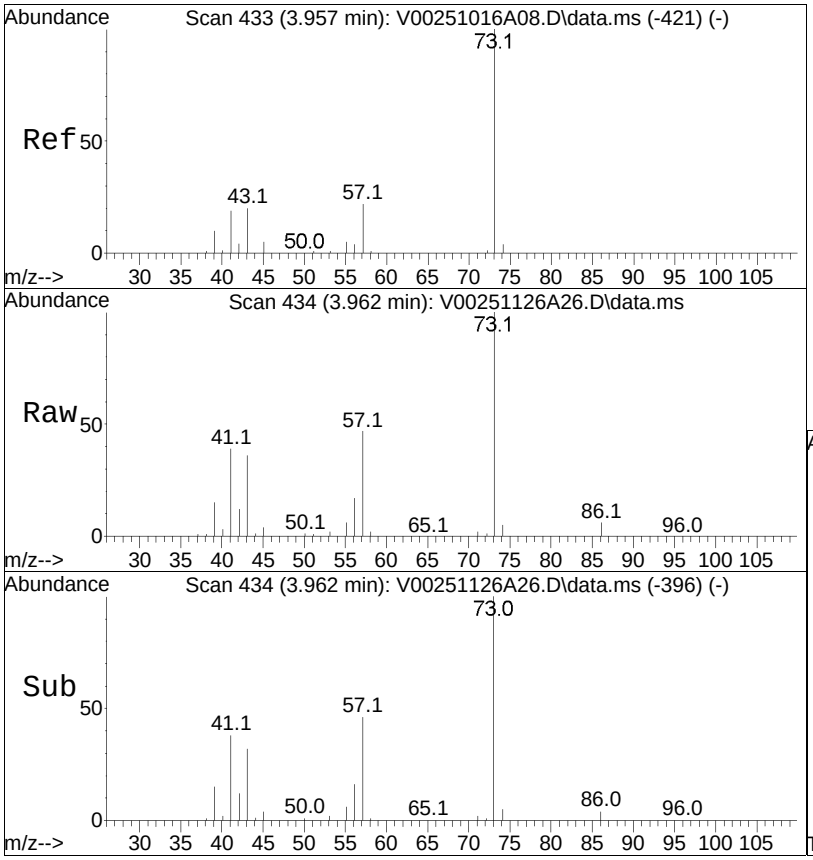


#18
trans-1,2-Dichloroethene
Concen: 62.81 ug/L
RT: 3.852 min Scan# 413
Delta R.T. -0.016 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 96 Resp: 924193

Ion	Ratio	Lower	Upper
96	100		
61	119.1	96.5	200.5
98	65.1	40.6	84.2
63	38.8	30.2	62.8

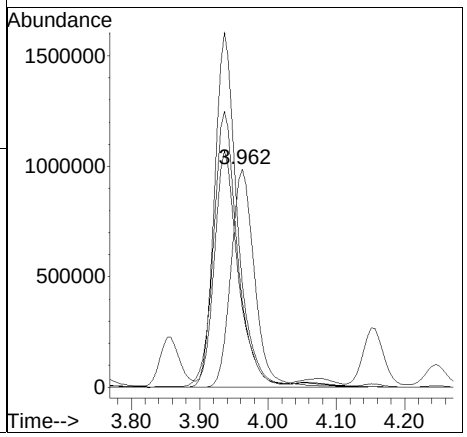


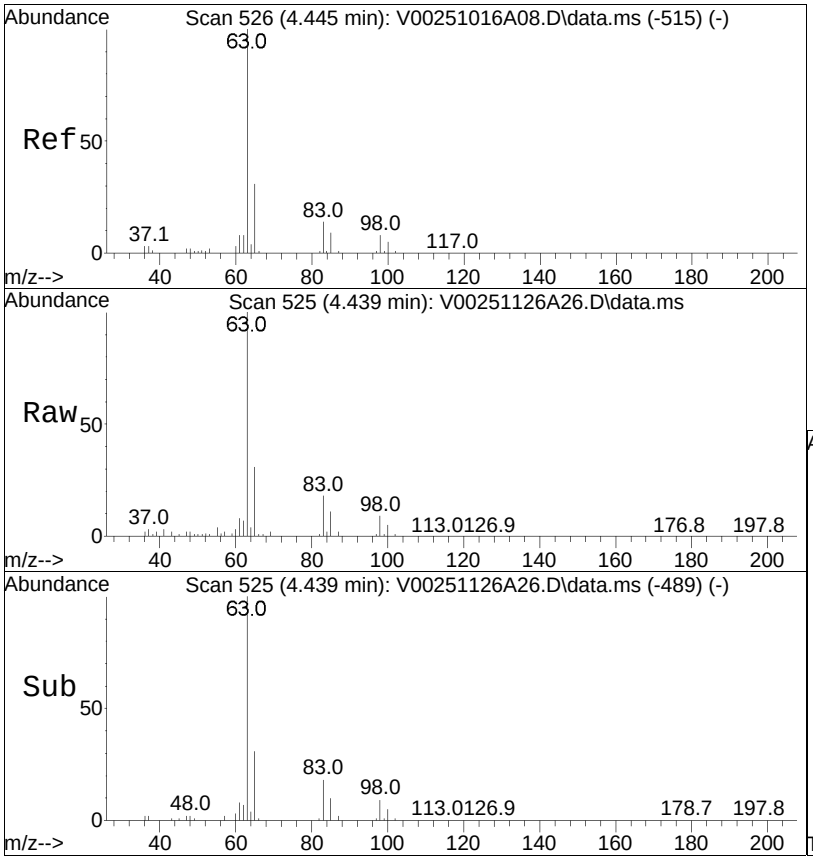


#20
Methyl tert-butyl ether
Concen: 60.61 ug/L
RT: 3.962 min Scan# 434
Delta R.T. 0.000 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 73 Resp: 2398816

Ion	Ratio	Lower	Upper
73	100		
57	155.3	14.7	30.5#
43	106.7	12.5	26.1#
41	126.7	11.6	24.0#

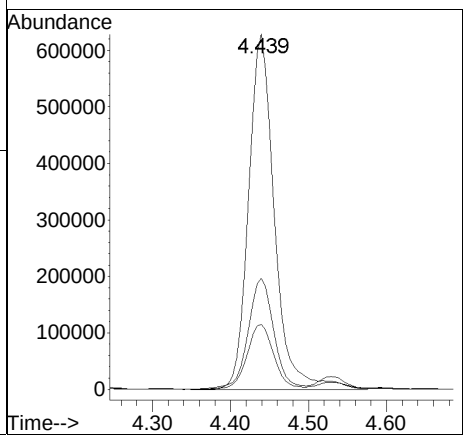


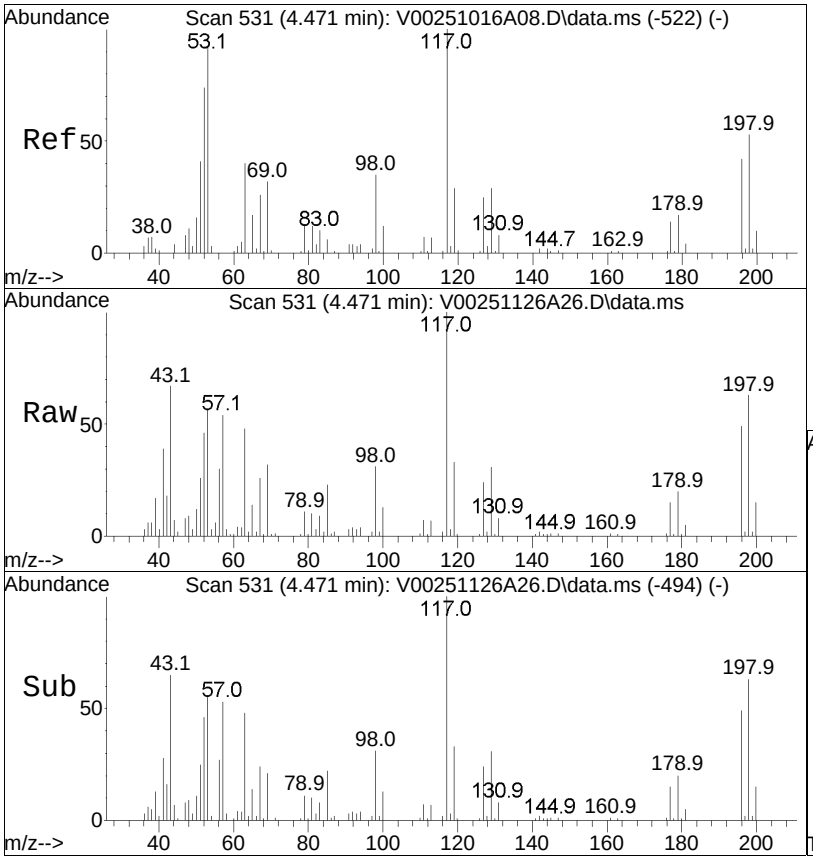


#23
1,1-Dichloroethane
Concen: 57.23 ug/L
RT: 4.439 min Scan# 525
Delta R.T. -0.011 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 63 Resp: 1456225

Ion	Ratio	Lower	Upper
63	100		
65	30.9	10.4	50.4
83	18.8	0.0	32.6

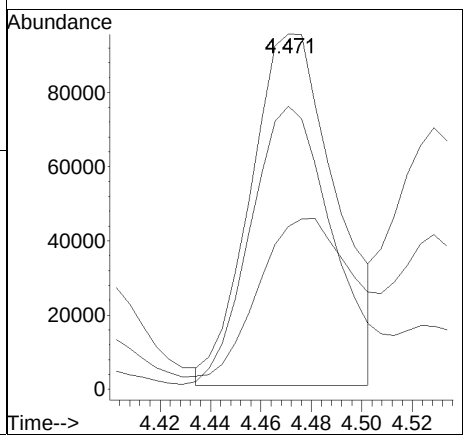


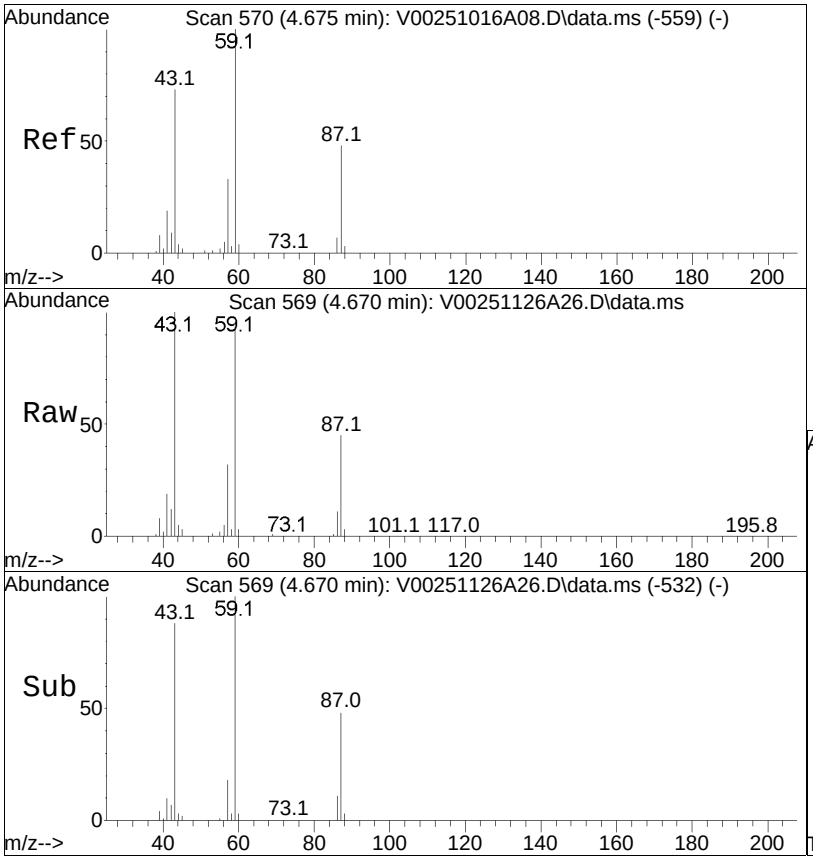


#25
Acrylonitrile
Concen: 57.67 ug/L
RT: 4.471 min Scan# 531
Delta R.T. -0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 53 Resp: 222666

Ion	Ratio	Lower	Upper
53	100		
52	78.7	65.8	98.6
51	56.7	55.1	82.7

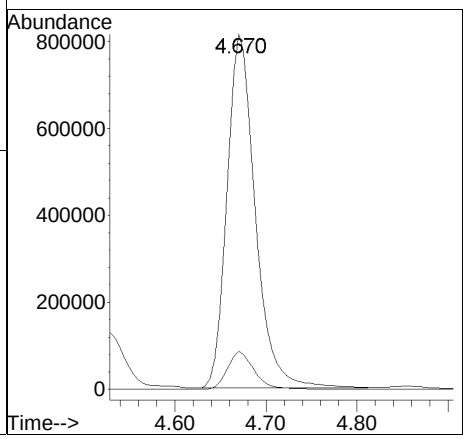


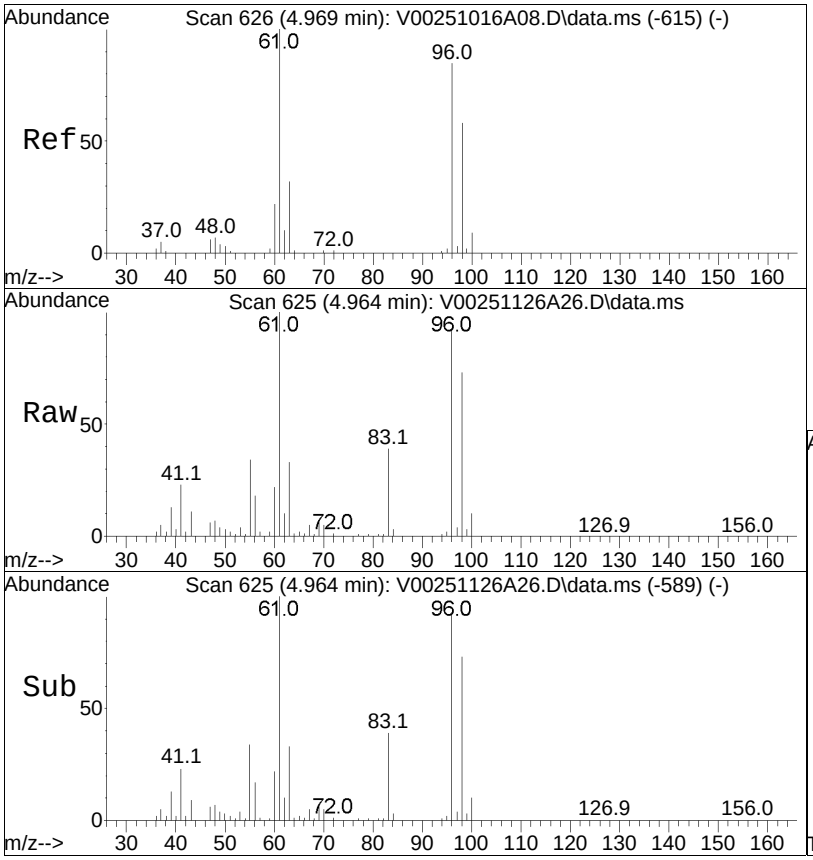


#27
Vinyl acetate
Concen: 60.11 ug/L
RT: 4.670 min Scan# 569
Delta R.T. -0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 43 Resp: 1763299

Ion	Ratio	Lower	Upper
43	100		
86	10.2	9.0	13.4

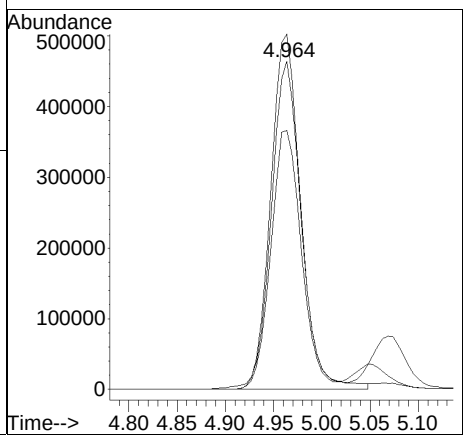


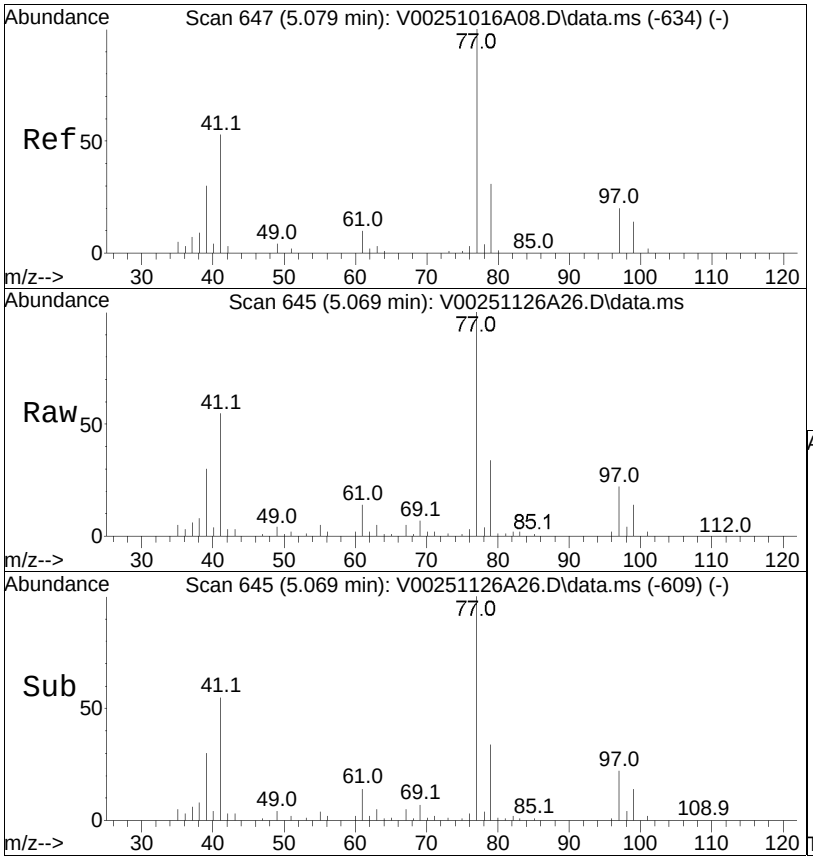


#28
cis-1,2-Dichloroethene
Concen: 62.90 ug/L
RT: 4.964 min Scan# 625
Delta R.T. -0.010 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 96 Resp: 1013822

Ion	Ratio	Lower	Upper
96	100		
61	106.8	107.8	161.8#
98	80.1	51.4	77.0#

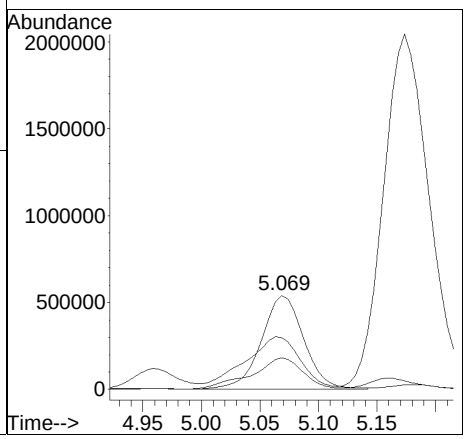


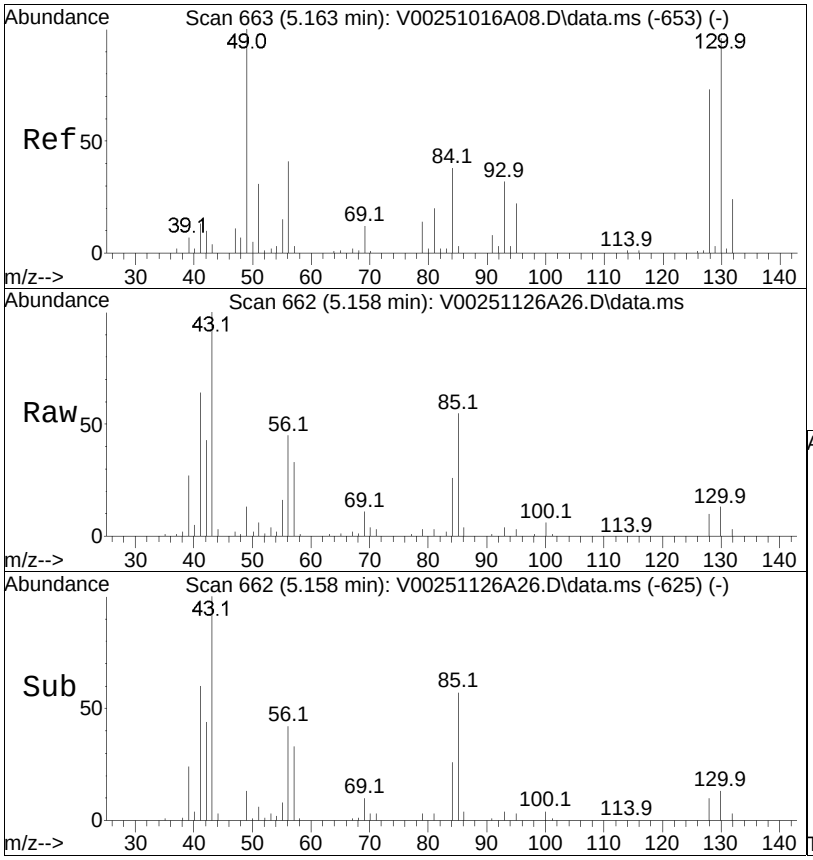


#29
2,2-Dichloropropane
Concen: 64.77 ug/L
RT: 5.069 min Scan# 645
Delta R.T. -0.010 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 77 Resp: 1357755

Ion	Ratio	Lower	Upper
77	100		
41	65.4	31.3	64.9#
79	39.9	21.1	43.9

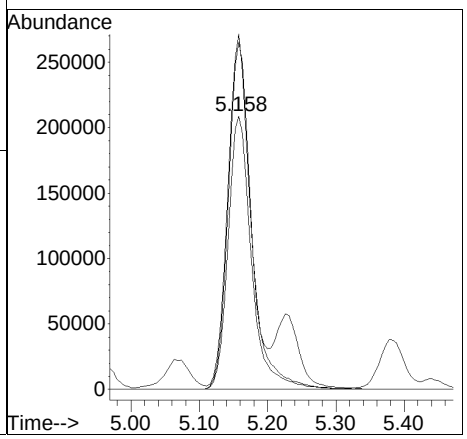


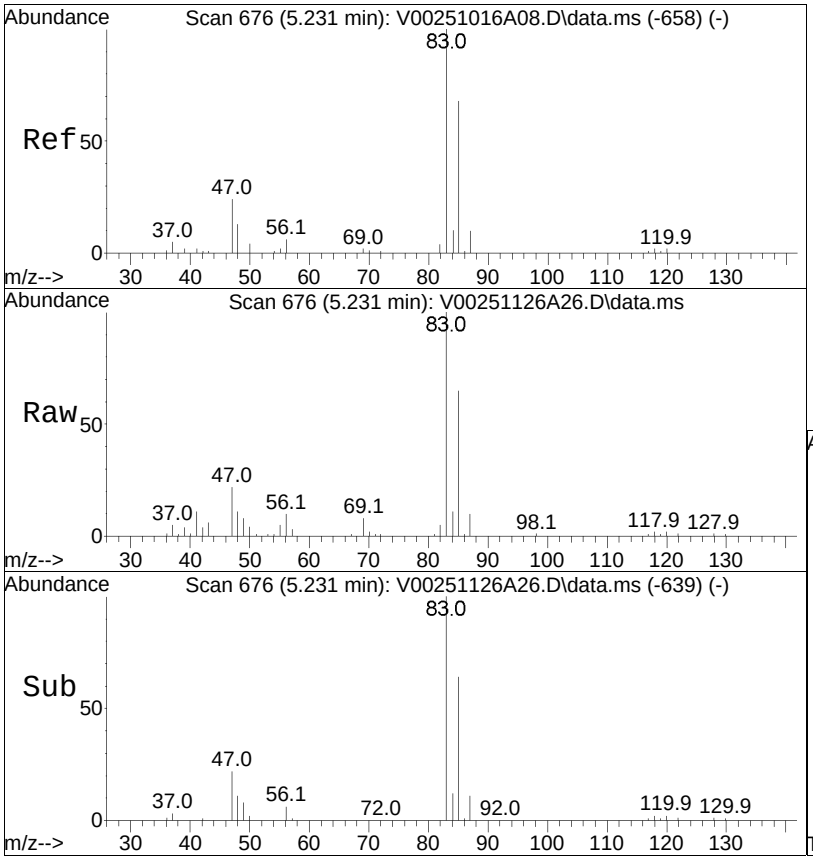


#31
Bromochloromethane
Concen: 62.41 ug/L
RT: 5.158 min Scan# 662
Delta R.T. -0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:128 Resp: 500036

Ion	Ratio	Lower	Upper
128	100		
49	120.7	113.6	170.4
130	126.9	101.9	152.9

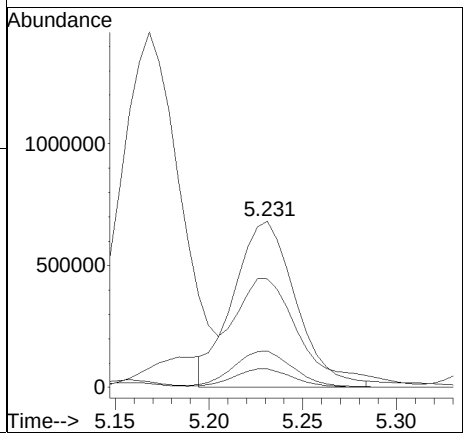


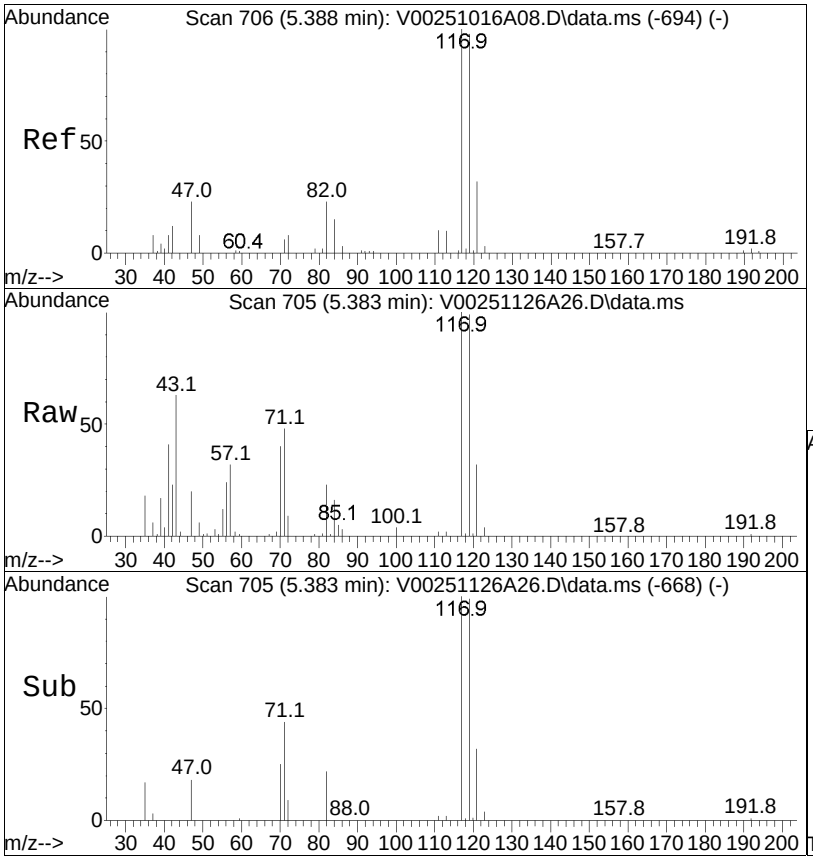


#33
Chloroform
Concen: 57.80 ug/L M6
RT: 5.231 min Scan# 676
Delta R.T. -0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 83 Resp: 1584732

Ion	Ratio	Lower	Upper
83	100		
85	68.7	43.3	89.9
47	21.1	14.4	29.8
48	10.8	7.5	15.7

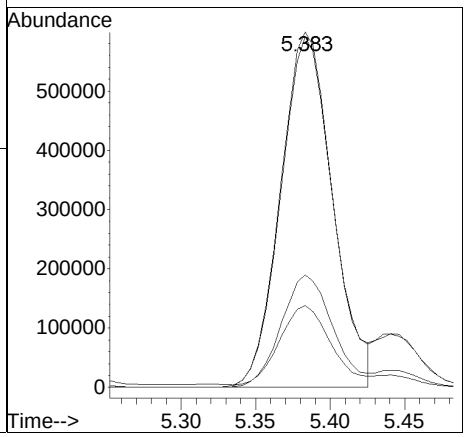


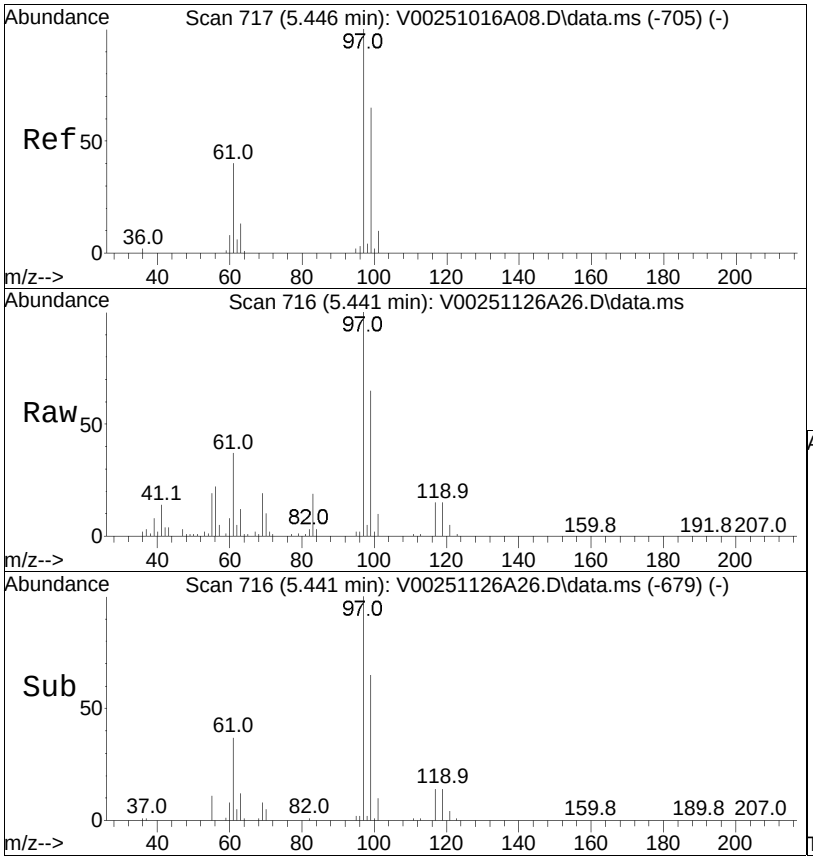


#35
Carbon tetrachloride
Concen: 73.86 ug/L
RT: 5.383 min Scan# 705
Delta R.T. -0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:117 Resp: 1463571

Ion	Ratio	Lower	Upper
117	100		
119	97.8	62.7	130.3
121	31.4	20.5	42.7
82	21.8	17.4	36.2

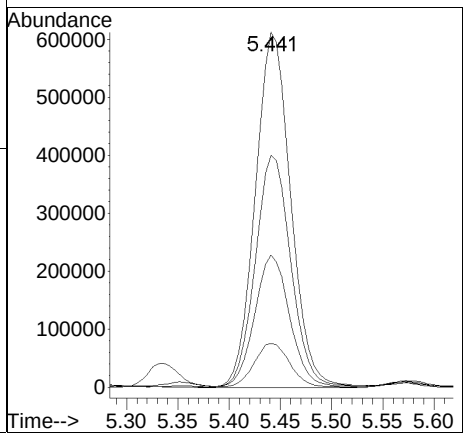


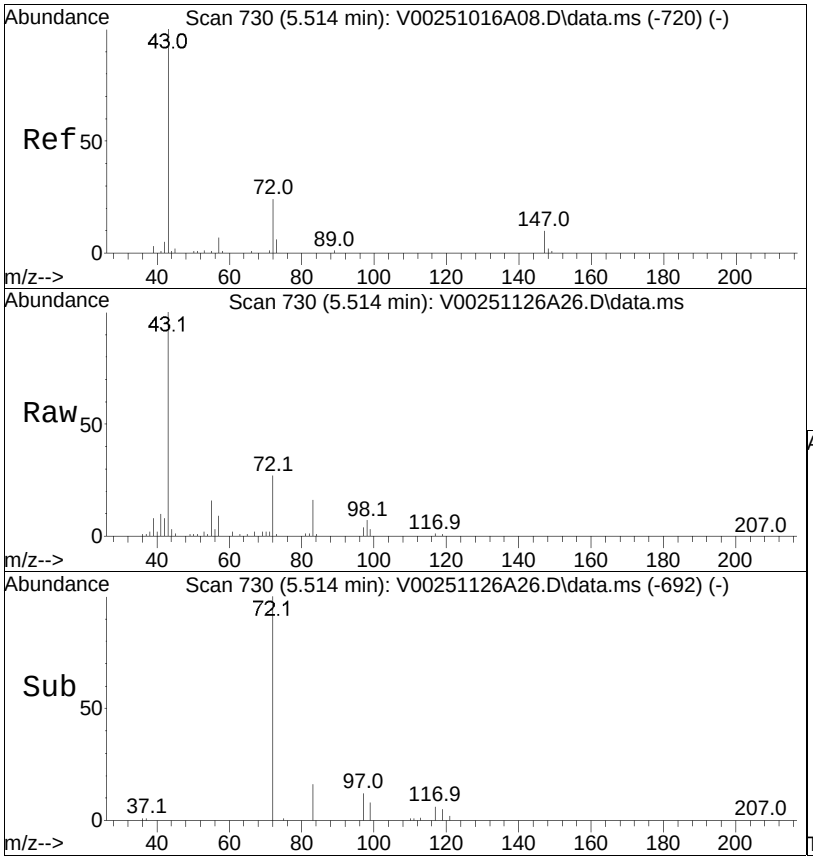


#38
1,1,1-Trichloroethane
Concen: 71.06 ug/L
RT: 5.441 min Scan# 716
Delta R.T. -0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 97 Resp: 1474269

Ion	Ratio	Lower	Upper
97	100		
99	65.5	41.5	86.3
61	36.8	30.6	63.6
63	12.2	9.9	20.5

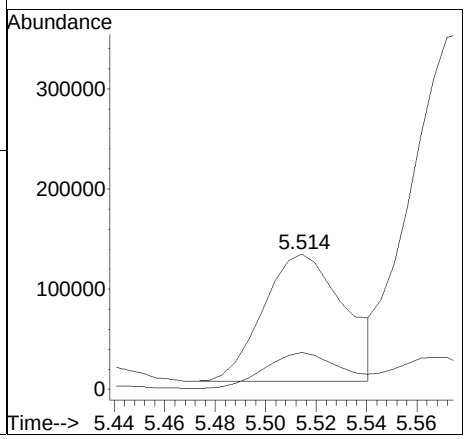


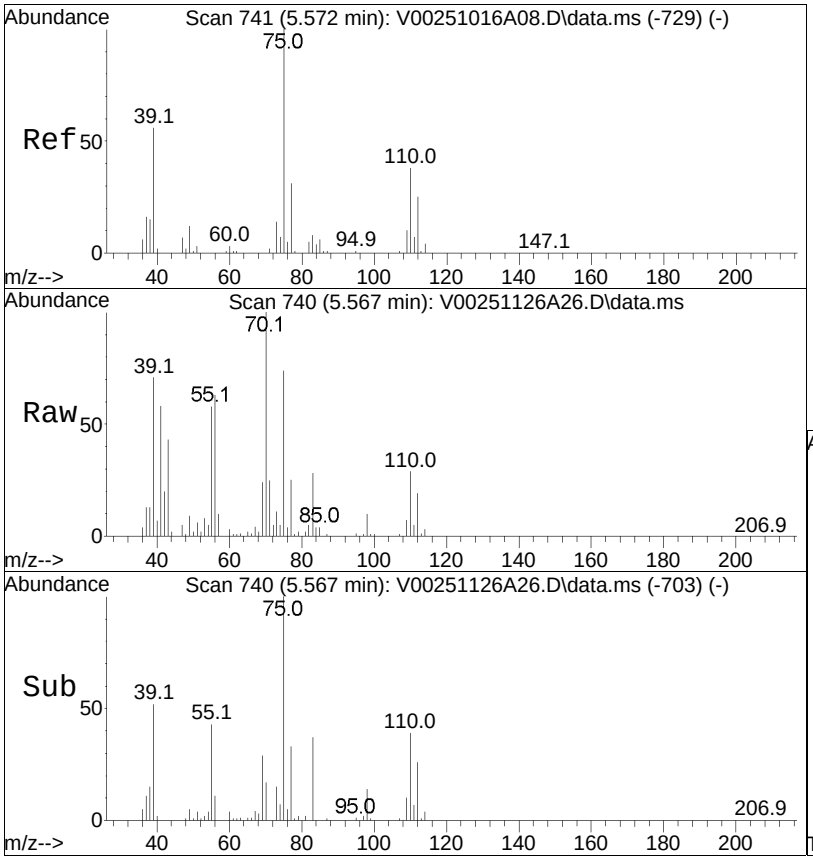


#40
2-Butanone
Concen: 55.11 ug/L
RT: 5.514 min Scan# 730
Delta R.T. 0.000 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 43 Resp: 284210

Ion	Ratio	Lower	Upper
43	100		
72	26.9	19.4	29.0

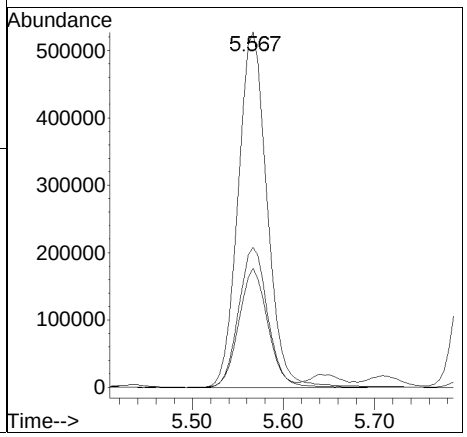


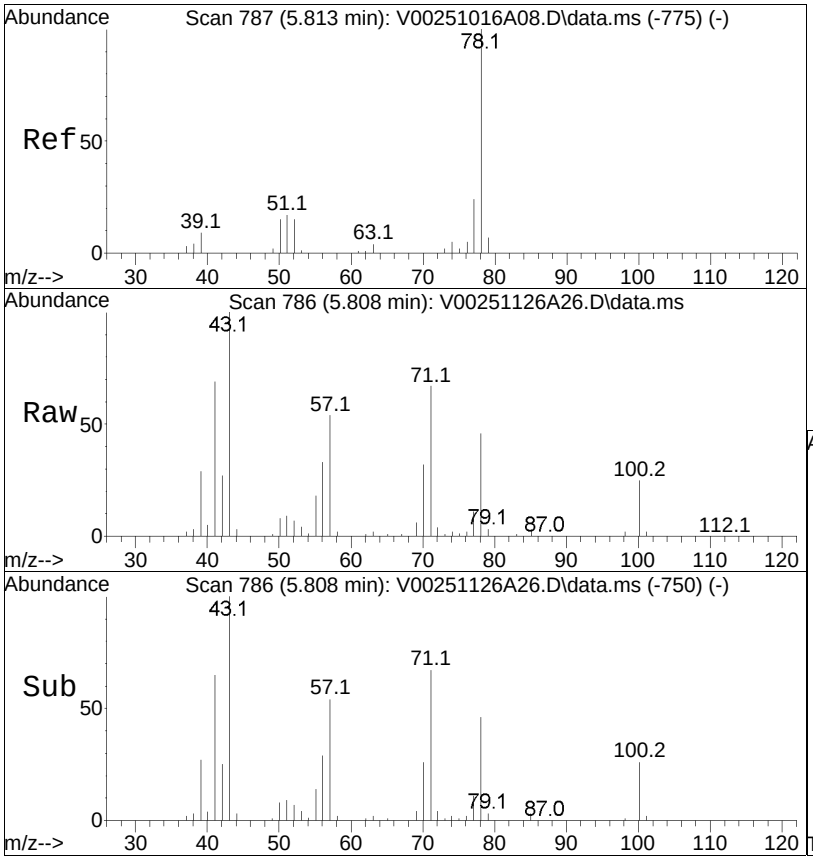


#41
1,1-Dichloropropene
Concen: 70.03 ug/L
RT: 5.567 min Scan# 740
Delta R.T. -0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 75 Resp: 1166001

Ion	Ratio	Lower	Upper
75	100		
110	39.6	22.9	47.5
77	33.4	19.6	40.6

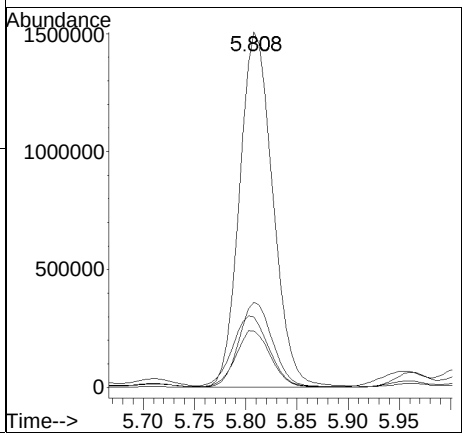


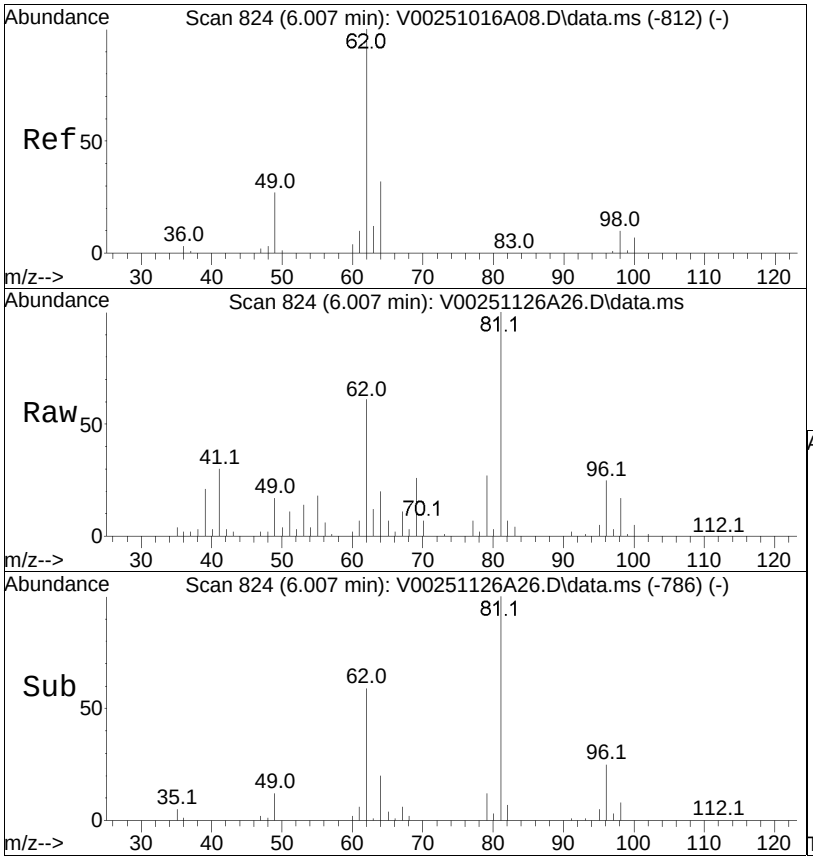


#42
Benzene
Concen: 63.32 ug/L
RT: 5.808 min Scan# 786
Delta R.T. -0.010 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 78 Resp: 3413258

Ion	Ratio	Lower	Upper
78	100		
77	24.1	15.6	32.4
51	21.9	10.2	21.2#
52	16.7	9.6	19.8

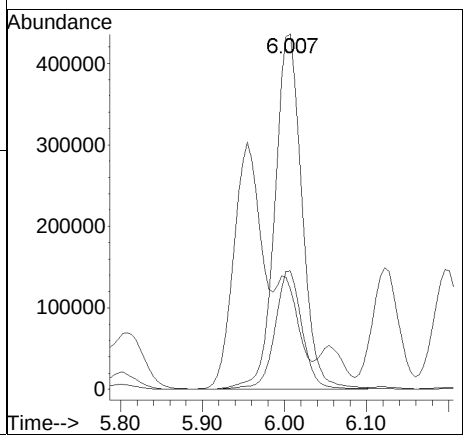


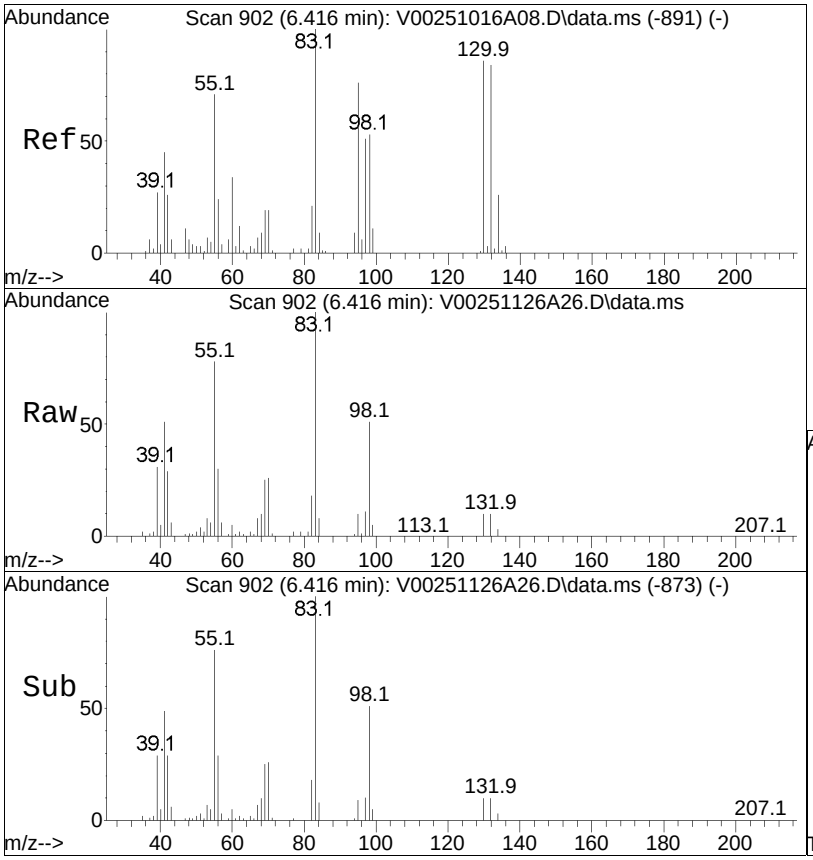


#45
1,2-Dichloroethane
Concen: 58.08 ug/L
RT: 6.007 min Scan# 824
Delta R.T. 0.000 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 62 Resp: 1006558

Ion	Ratio	Lower	Upper
62	100		
64	33.5	12.6	52.6
98	6.3	0.0	28.7

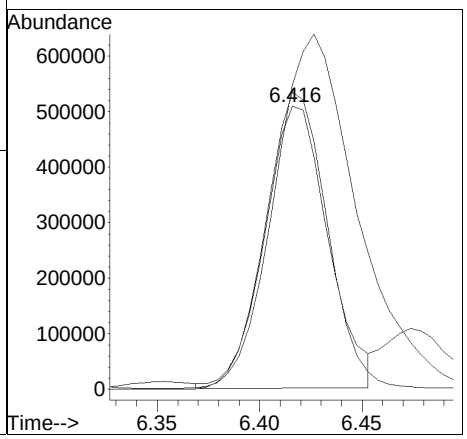


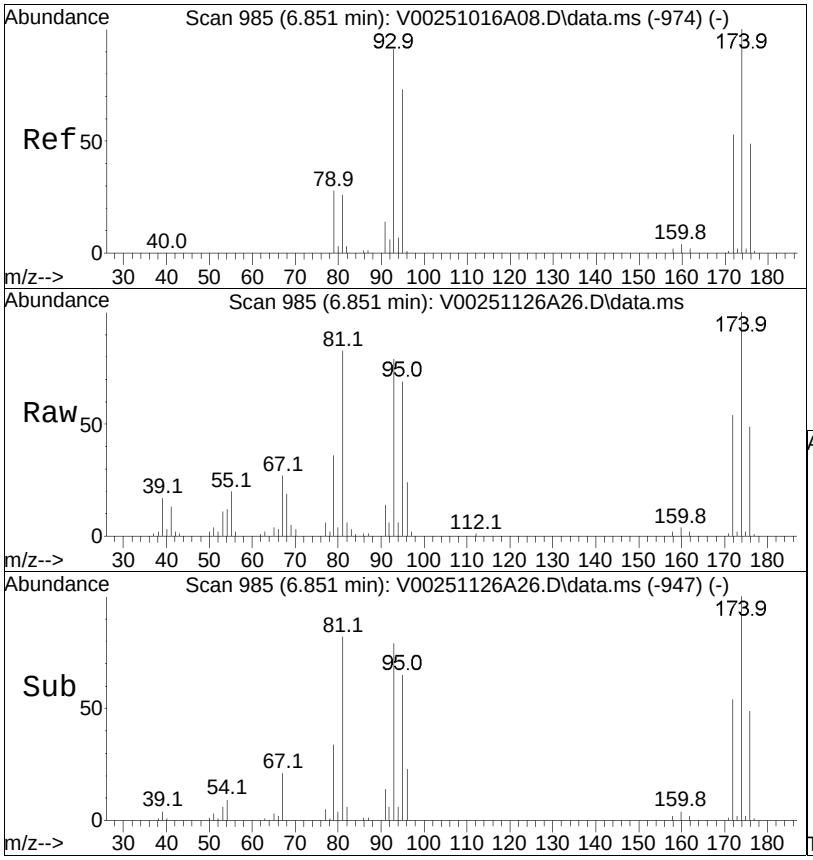


#49
Trichloroethene
Concen: 73.18 ug/L
RT: 6.416 min Scan# 902
Delta R.T. 0.000 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 95 Resp: 1094284

Ion	Ratio	Lower	Upper
95	100		
97	165.6	54.2	81.4#
130	104.9	77.0	115.6

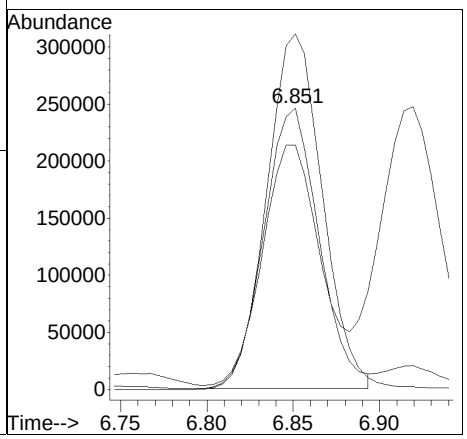


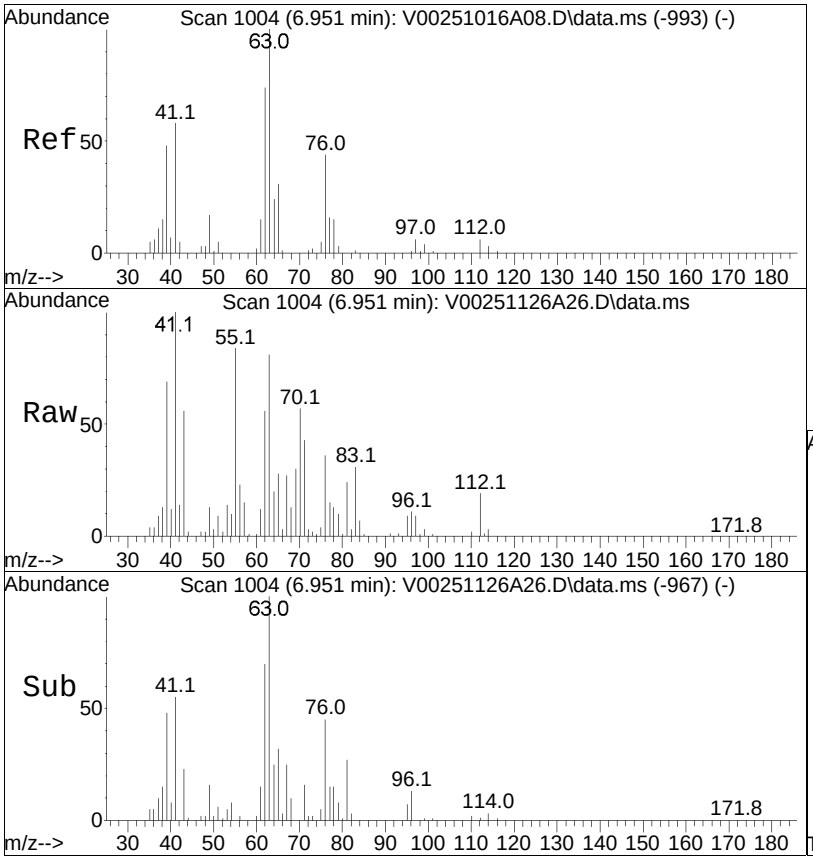


#51
Dibromomethane
Concen: 58.52 ug/L
RT: 6.851 min Scan# 985
Delta R.T. 0.000 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 93 Resp: 547756

Ion	Ratio	Lower	Upper
93	100		
95	90.0	66.6	100.0
174	129.0	76.7	115.1#

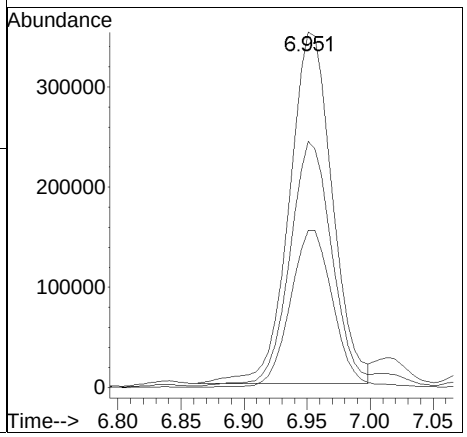


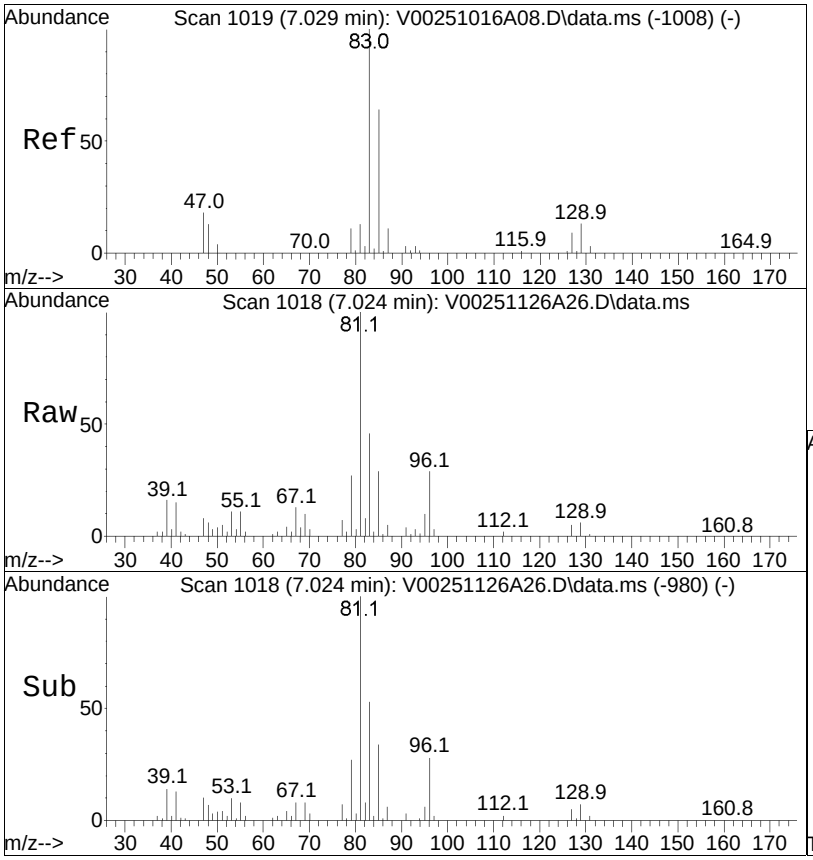


#52
1,2-Dichloropropane
Concen: 59.73 ug/L
RT: 6.951 min Scan# 1004
Delta R.T. -0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 63 Resp: 833479

Ion	Ratio	Lower	Upper
63	100		
62	68.8	57.8	86.8
76	44.3	34.0	51.0

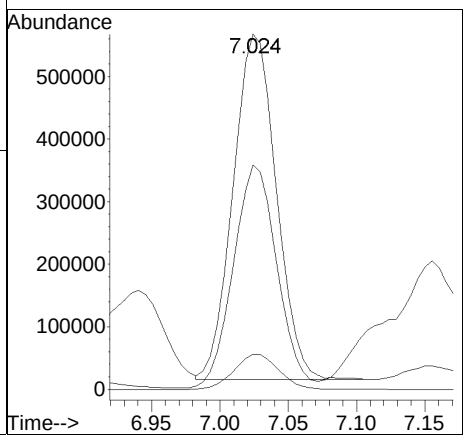


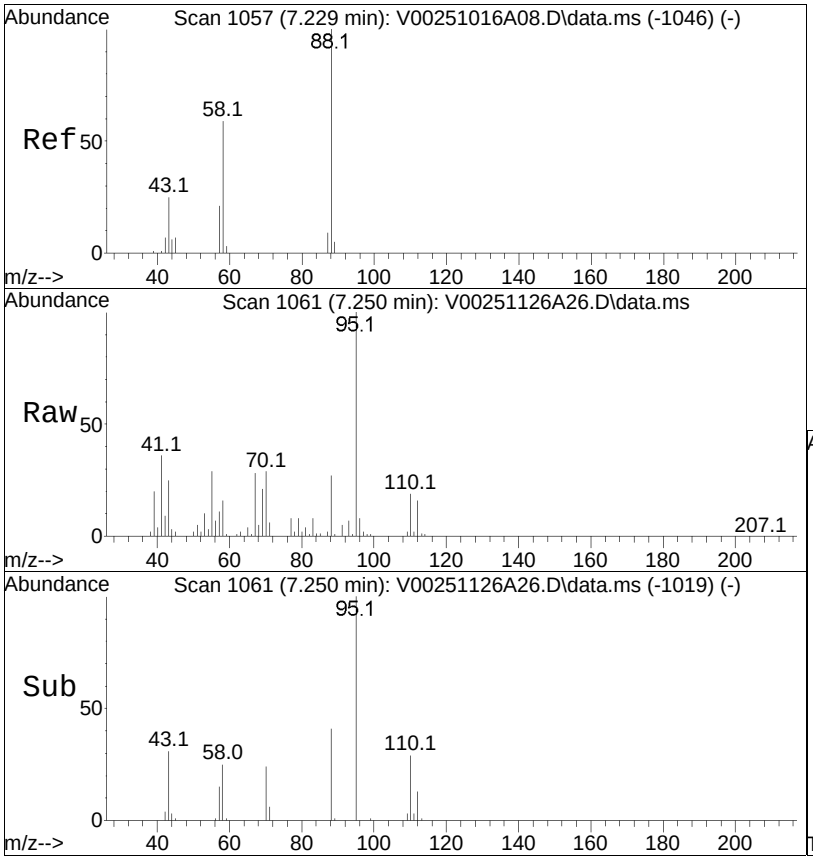


#55
Bromodichloromethane
Concen: 58.77 ug/L
RT: 7.024 min Scan# 1018
Delta R.T. 0.000 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 83 Resp: 1217595

Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.9	76.3
127	10.5	6.6	9.8#

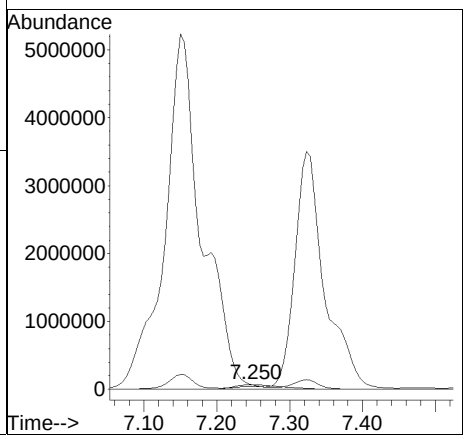


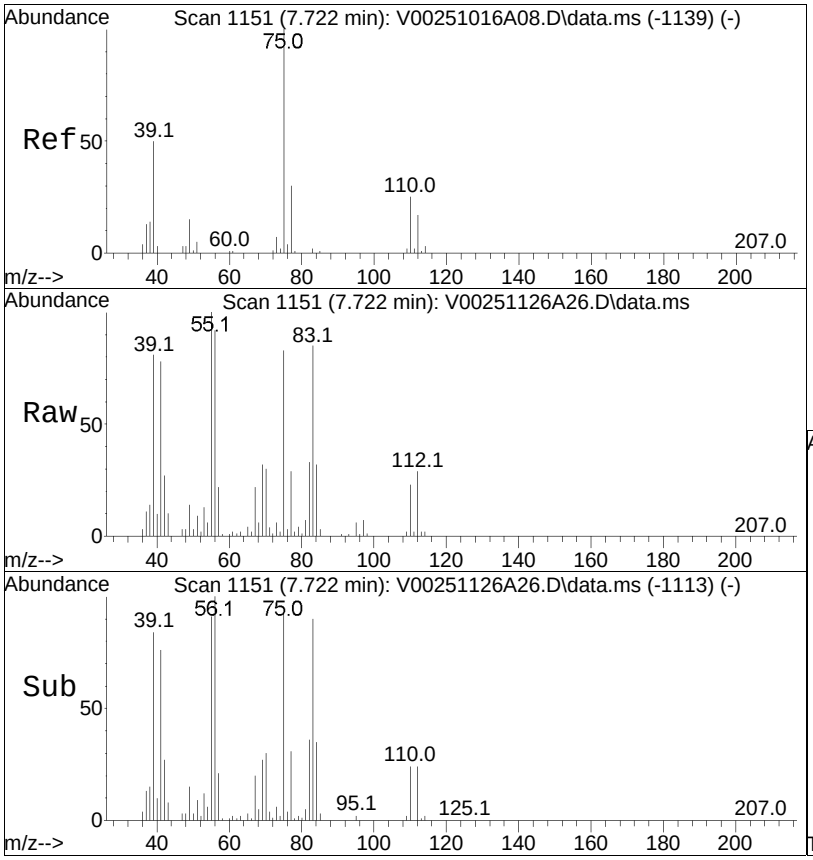


#58
1,4-Dioxane
Concen: 2822.64 ug/L
RT: 7.250 min Scan# 1061
Delta R.T. 0.021 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 88 Resp: 330493

Ion	Ratio	Lower	Upper
88	100		
58	41.3	54.6	82.0#
43	0.0	17.8	26.6#

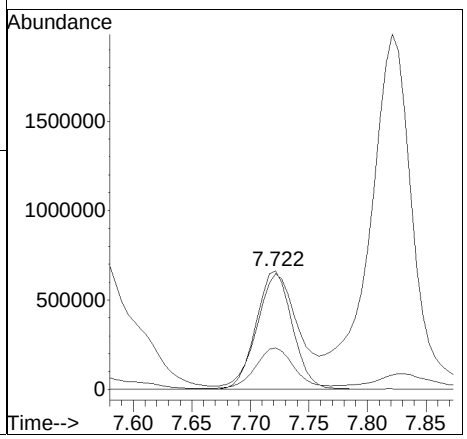


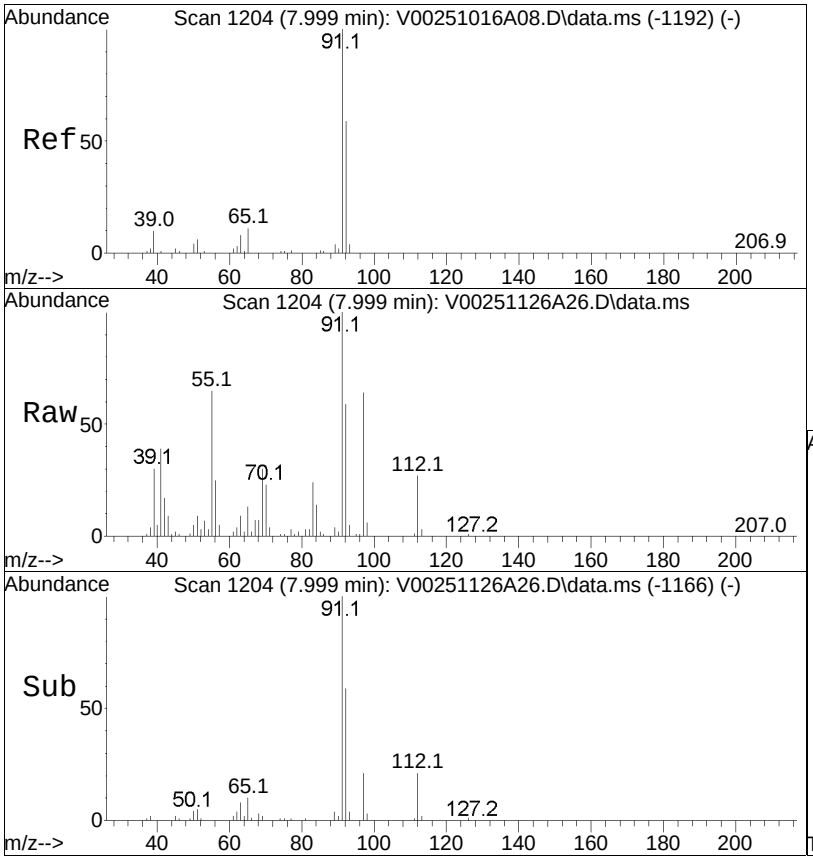


#59
cis-1,3-Dichloropropene
Concen: 62.42 ug/L
RT: 7.722 min Scan# 1151
Delta R.T. -0.000 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 75 Resp: 1429819

Ion	Ratio	Lower	Upper
75	100		
77	36.7	25.7	38.5
39	106.5	32.3	48.5#

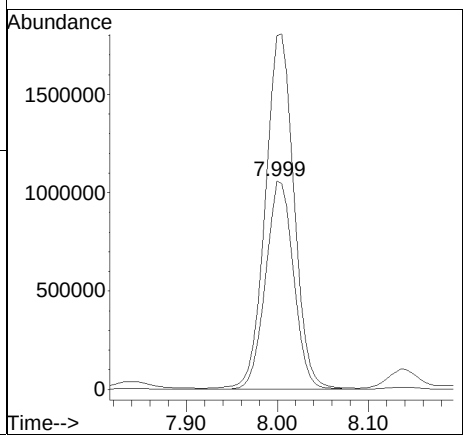


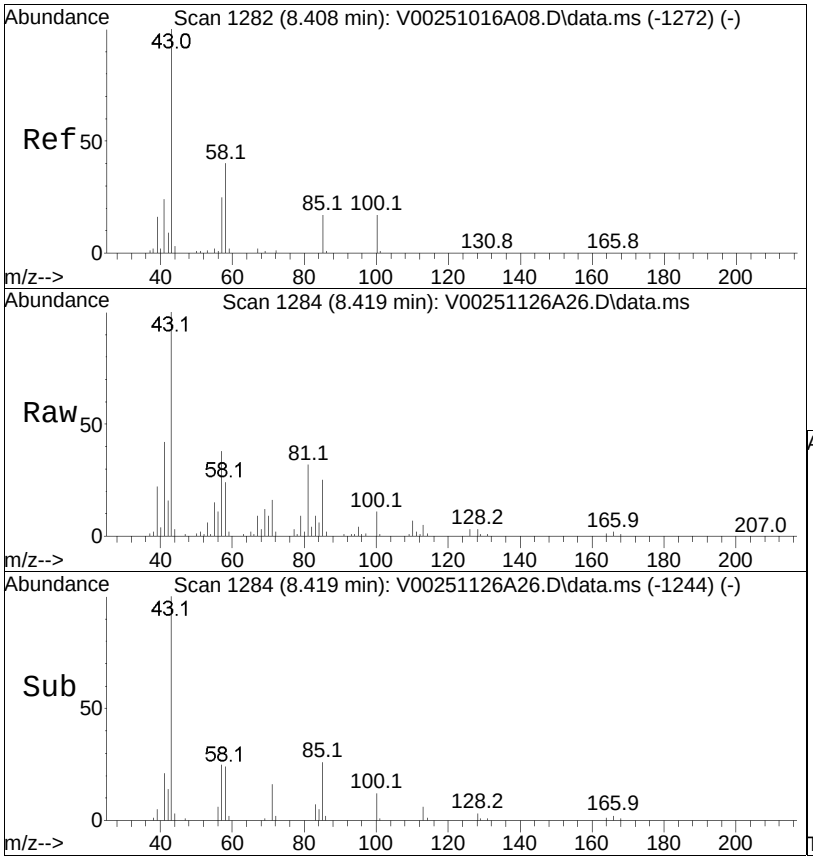


#62
Toluene
Concen: 135.27 ug/L
RT: 7.999 min Scan# 1204
Delta R.T. -0.001 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 92 Resp: 2256521

Ion	Ratio	Lower	Upper
92	100		
91	173.1	138.2	207.2

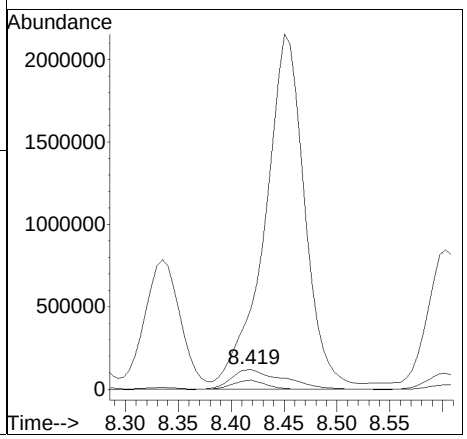


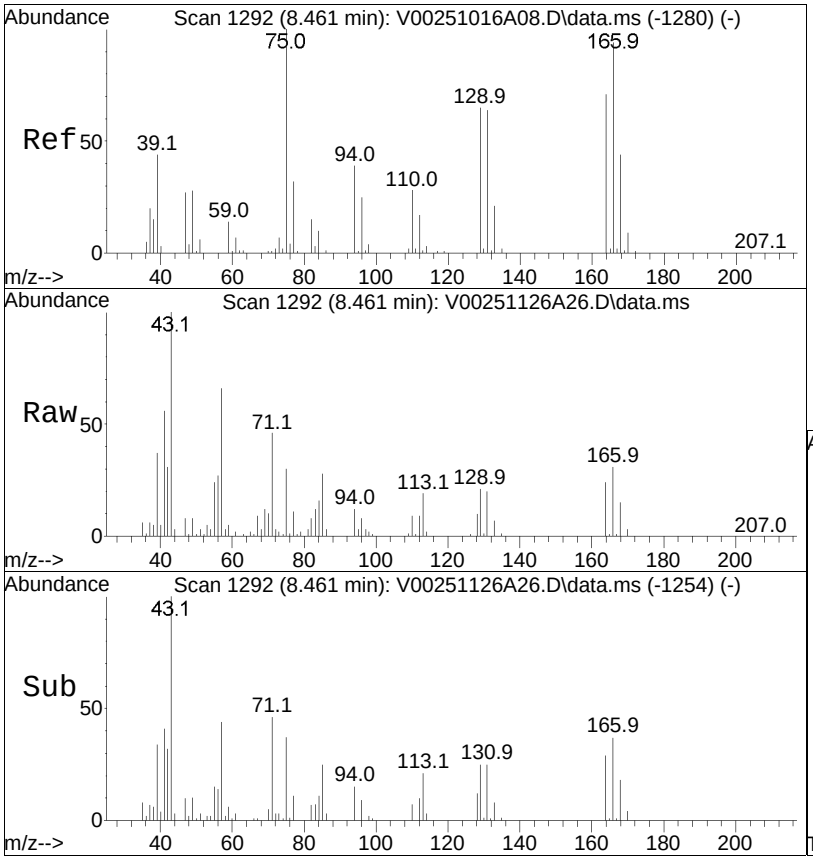


#63
4-Methyl-2-pentanone
Concen: 199.80 ug/L
RT: 8.419 min Scan# 1284
Delta R.T. 0.011 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 58 Resp: 401533

Ion	Ratio	Lower	Upper
58	100		
100	31.6	31.2	46.8
43	1350.2	156.5	234.7#

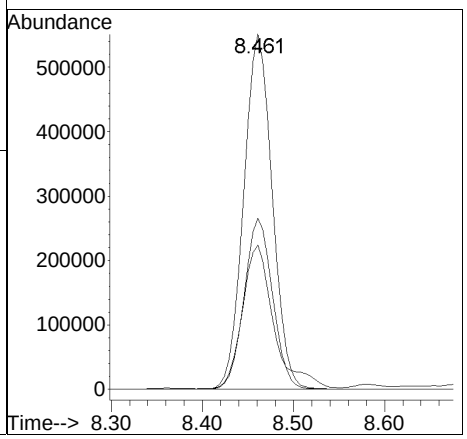


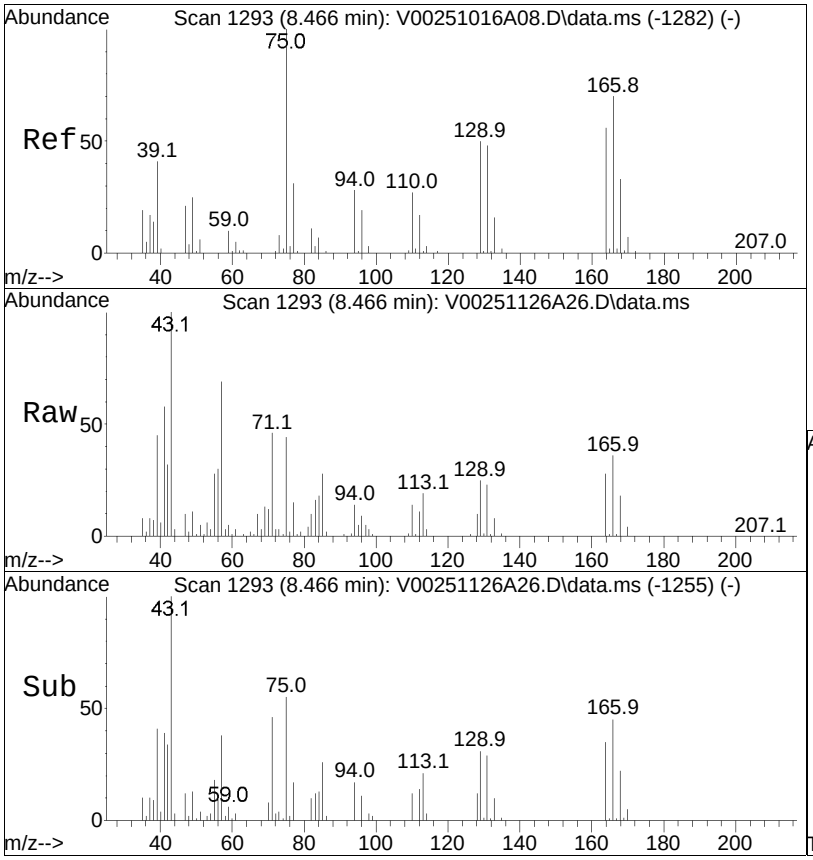


#64
Tetrachloroethene
Concen: 168.39 ug/L
RT: 8.461 min Scan# 1292
Delta R.T. -0.000 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:166 Resp: 1204004

Ion	Ratio	Lower	Upper
166	100		
168	48.1	29.2	69.2
94	44.4	29.0	69.0

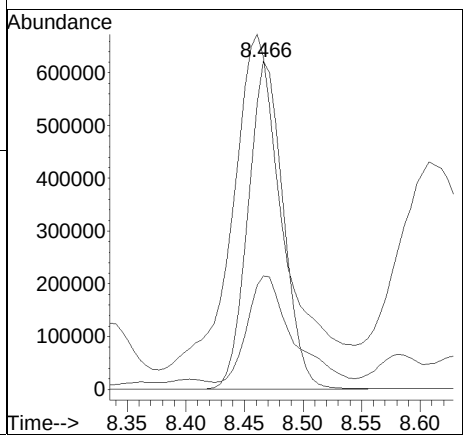


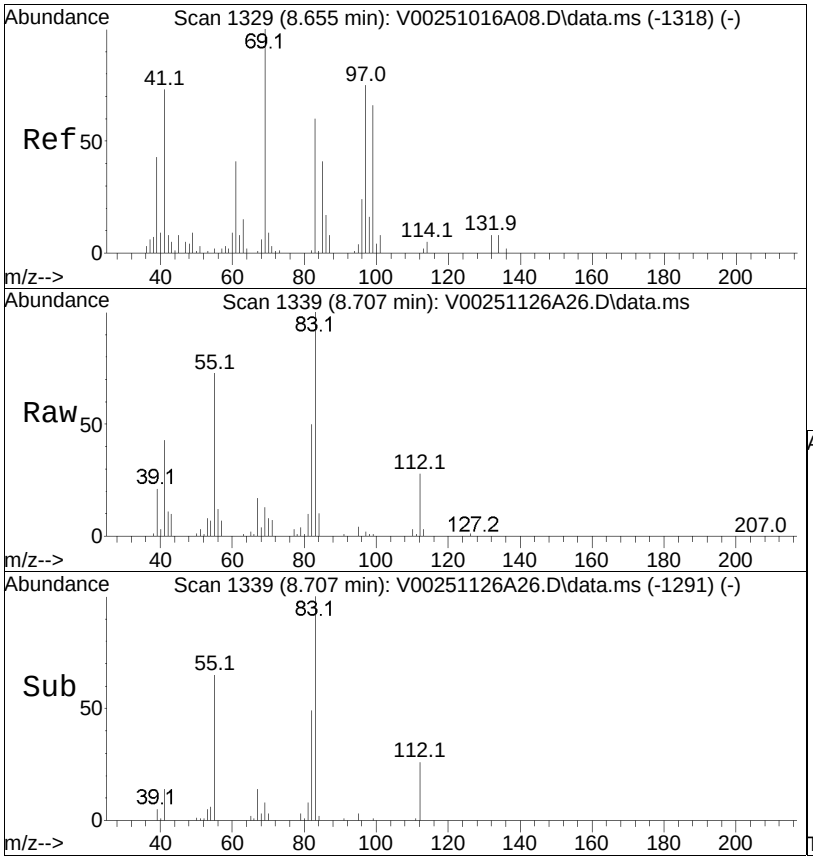


#66
trans-1,3-Dichloropropene
Concen: 130.95 ug/L
RT: 8.466 min Scan# 1293
Delta R.T. 0.000 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 75 Resp: 1309071

Ion	Ratio	Lower	Upper
75	100		
77	40.8	11.8	51.8
39	145.5	23.7	63.7#

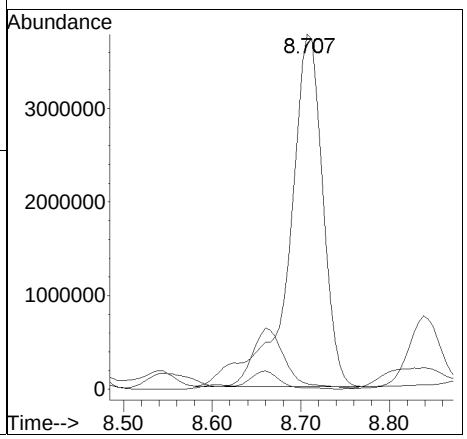


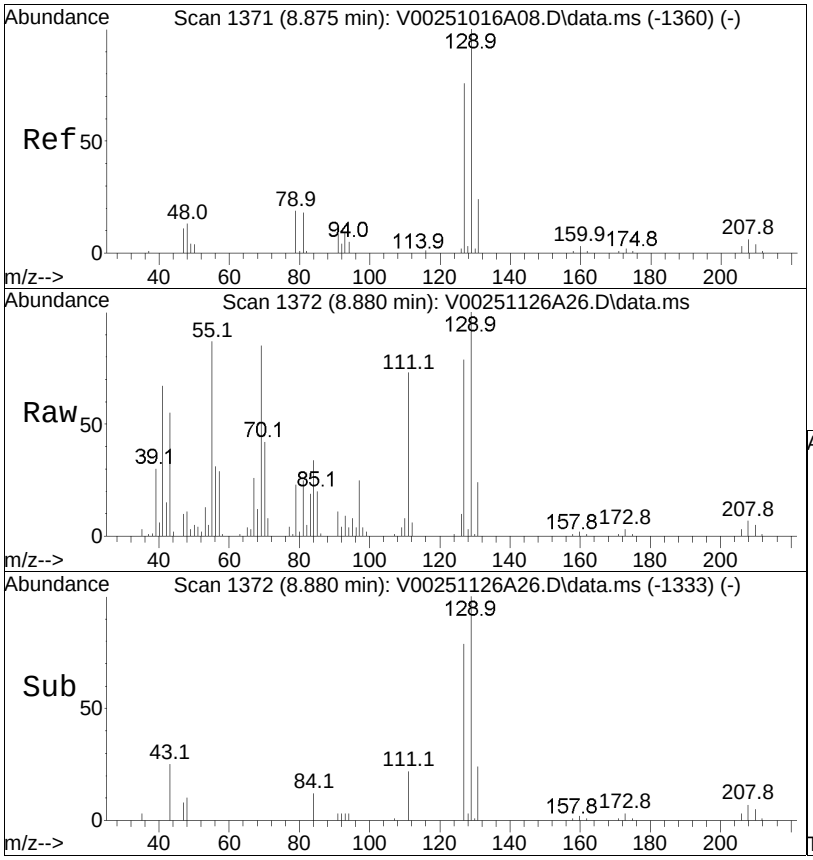


#69
1,1,2-Trichloroethane
Concen: 1995.76 ug/L
RT: 8.707 min Scan# 1339
Delta R.T. 0.052 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 83 Resp:10068781

Ion	Ratio	Lower	Upper
83	100		
97	16.0	98.8	138.8#
85	4.6	46.5	86.5#

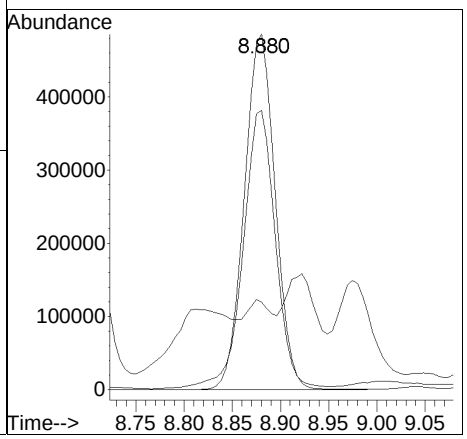


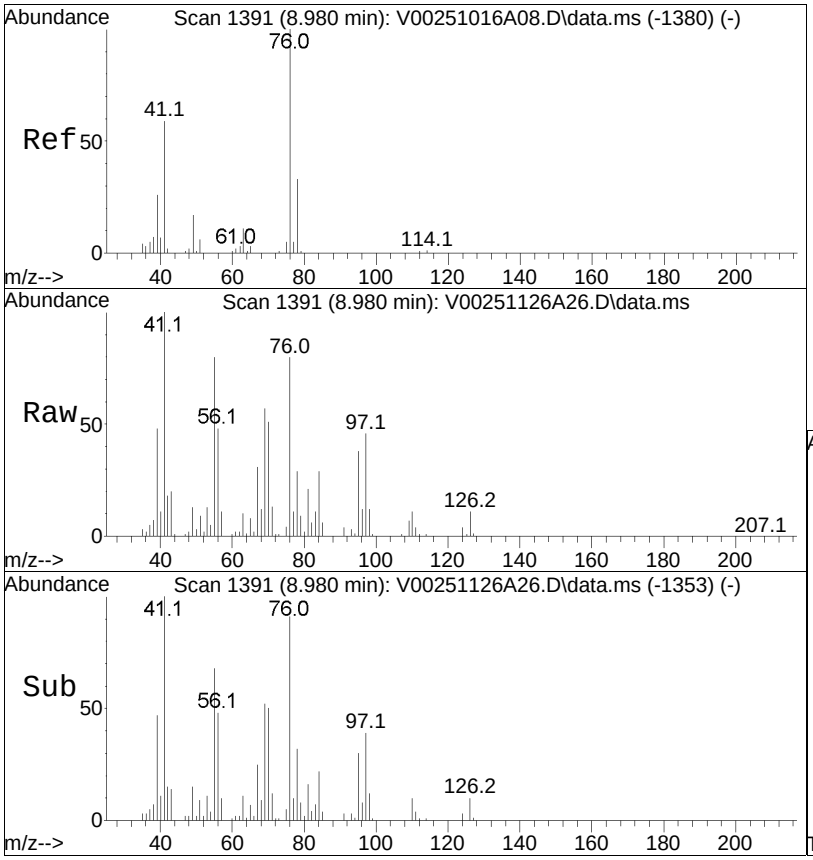


#70
Chlorodibromomethane
Concen: 139.80 ug/L
RT: 8.880 min Scan# 1372
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:129 Resp: 1081815

Ion	Ratio	Lower	Upper
129	100		
81	18.3	0.1	40.1
127	82.2	58.4	98.4

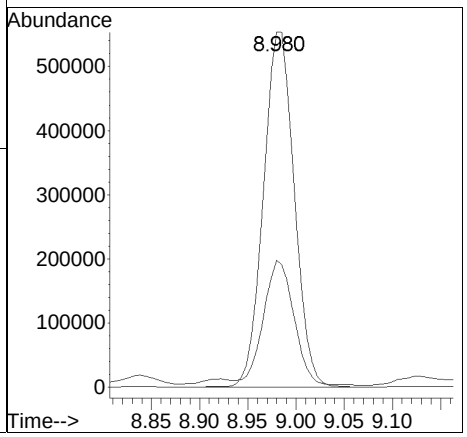


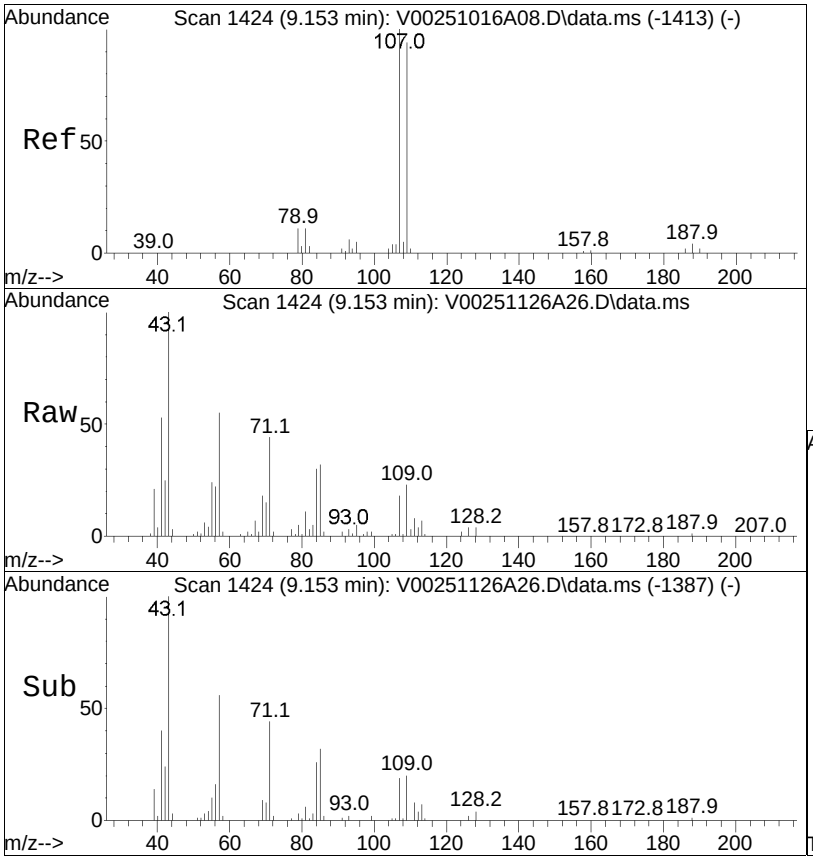


#71
1,3-Dichloropropane
Concen: 127.73 ug/L
RT: 8.980 min Scan# 1391
Delta R.T. -0.000 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 76 Resp: 1237087

Ion	Ratio	Lower	Upper
76	100		
78	34.8	26.2	39.2

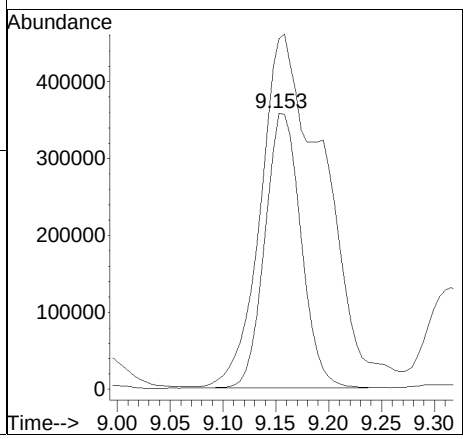


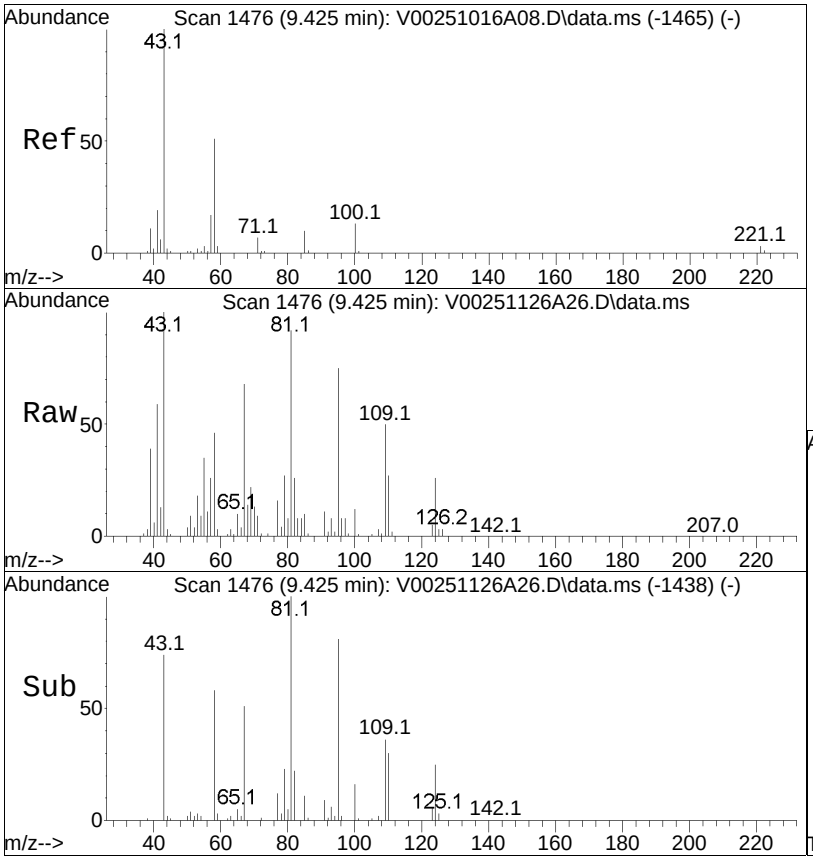


#72
1,2-Dibromoethane
Concen: 142.83 ug/L
RT: 9.153 min Scan# 1424
Delta R.T. -0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:107 Resp: 852894

Ion	Ratio	Lower	Upper
107	100		
109	224.6	75.4	113.0#

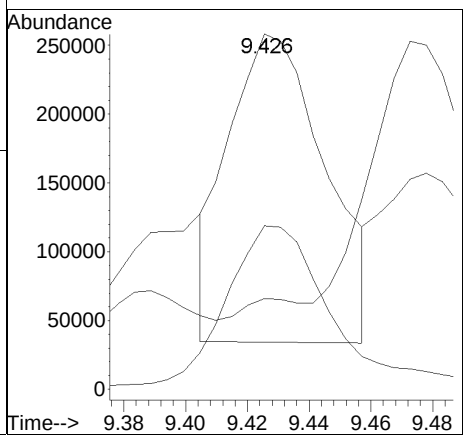


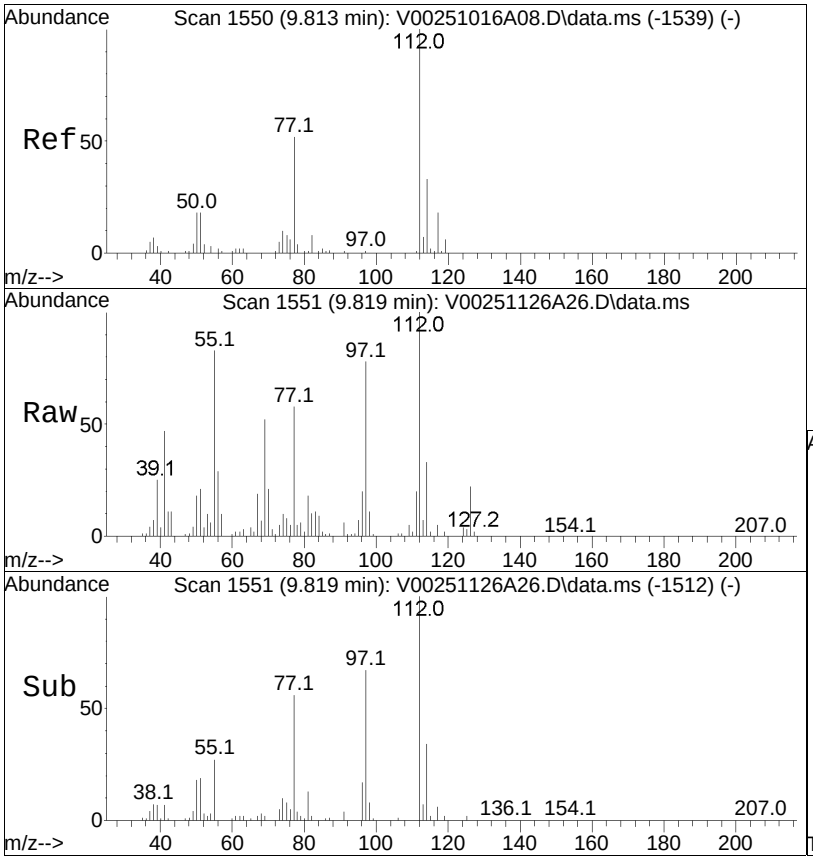


#73
2-Hexanone
Concen: 127.26 ug/L M6
RT: 9.425 min Scan# 1476
Delta R.T. -0.001 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 43 Resp: 489796

Ion	Ratio	Lower	Upper
43	100		
58	57.4	54.2	81.4
57	0.0	17.8	26.6#

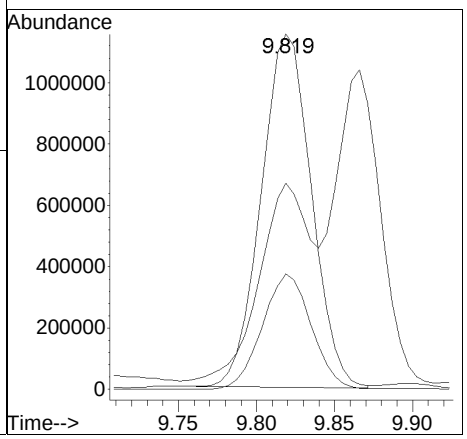


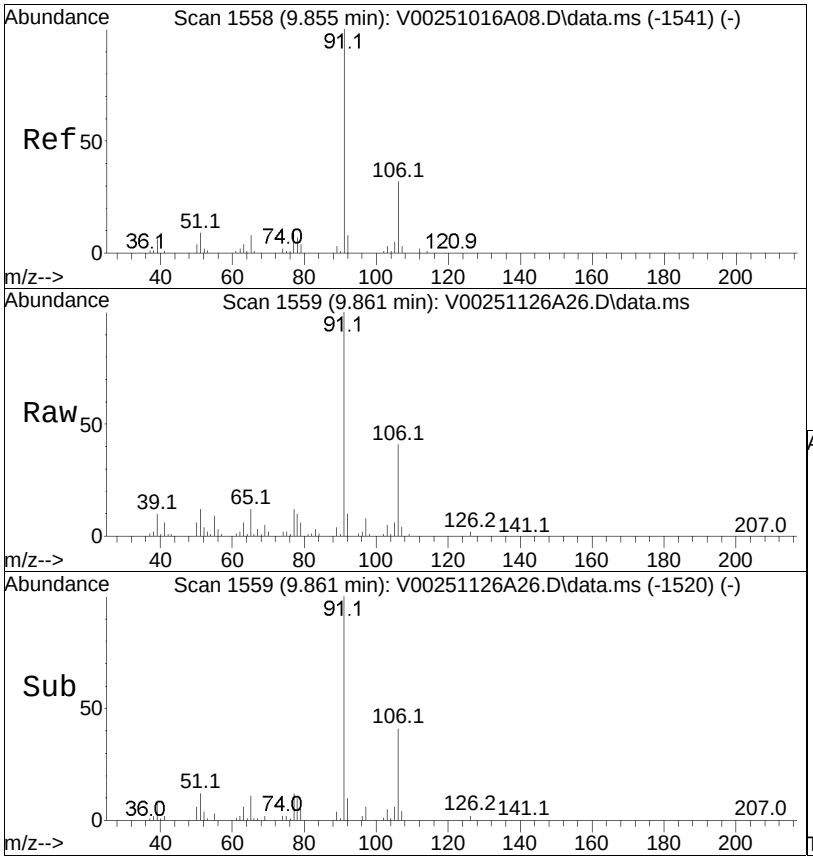


#74
Chlorobenzene
Concen: 128.35 ug/L
RT: 9.819 min Scan# 1551
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:112 Resp: 2571622

Ion	Ratio	Lower	Upper
112	100		
77	58.8	57.9	86.9
114	32.0	25.7	38.5

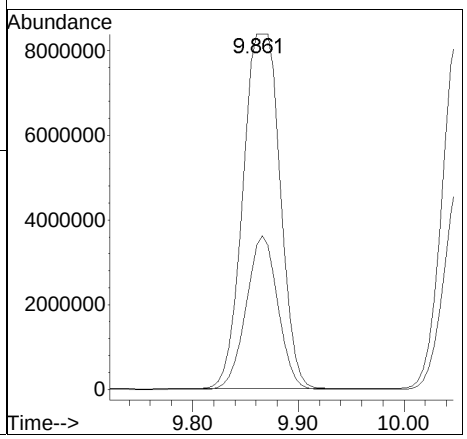


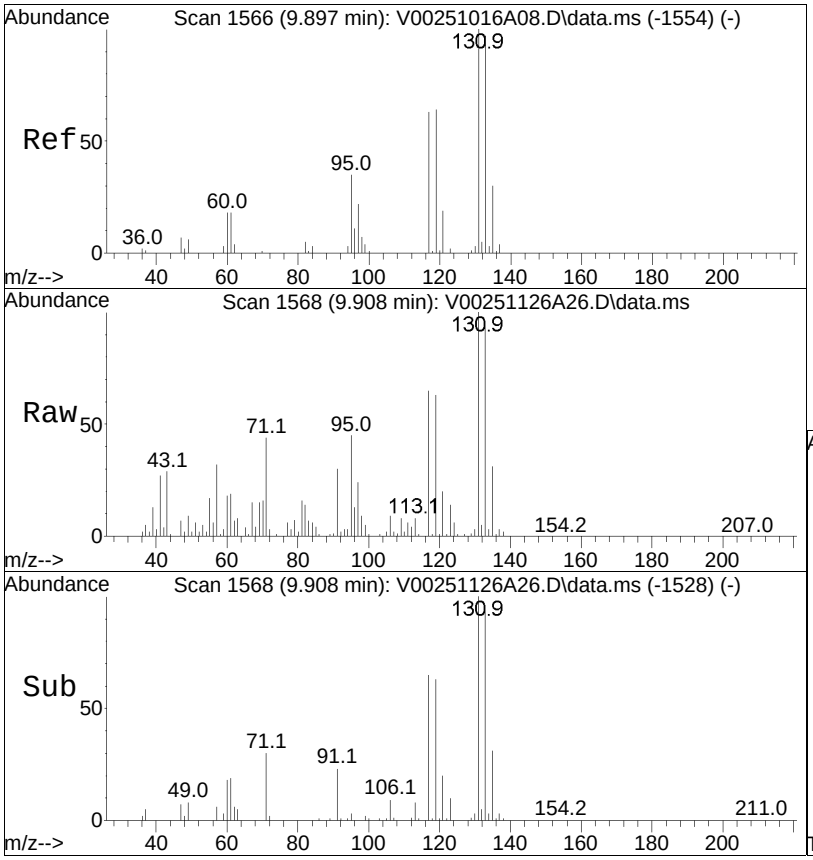


#75
Ethylbenzene
Concen: 622.64 ug/L
RT: 9.861 min Scan# 1559
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 91 Resp:20427516

Ion	Ratio	Lower	Upper
91	100		
106	37.0	25.1	37.7

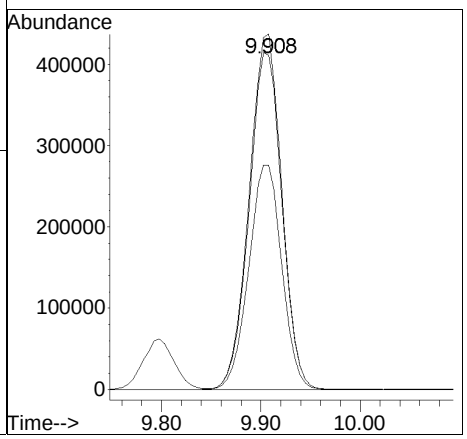


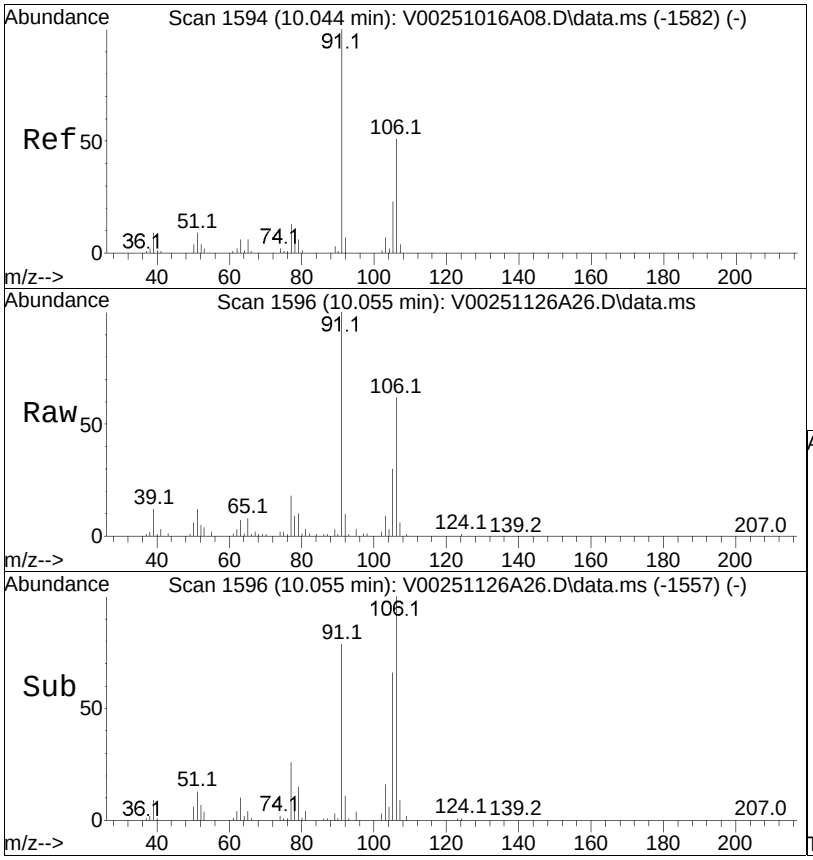


#76
1,1,1,2-Tetrachloroethane
Concen: 140.19 ug/L
RT: 9.908 min Scan# 1568
Delta R.T. 0.011 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:131 Resp: 998194

Ion	Ratio	Lower	Upper
131	100		
133	95.4	76.2	116.2
119	63.8	44.6	84.6

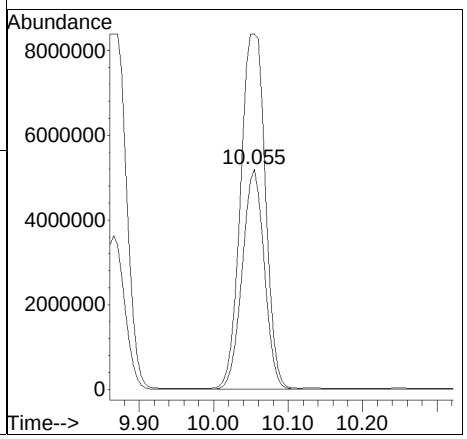


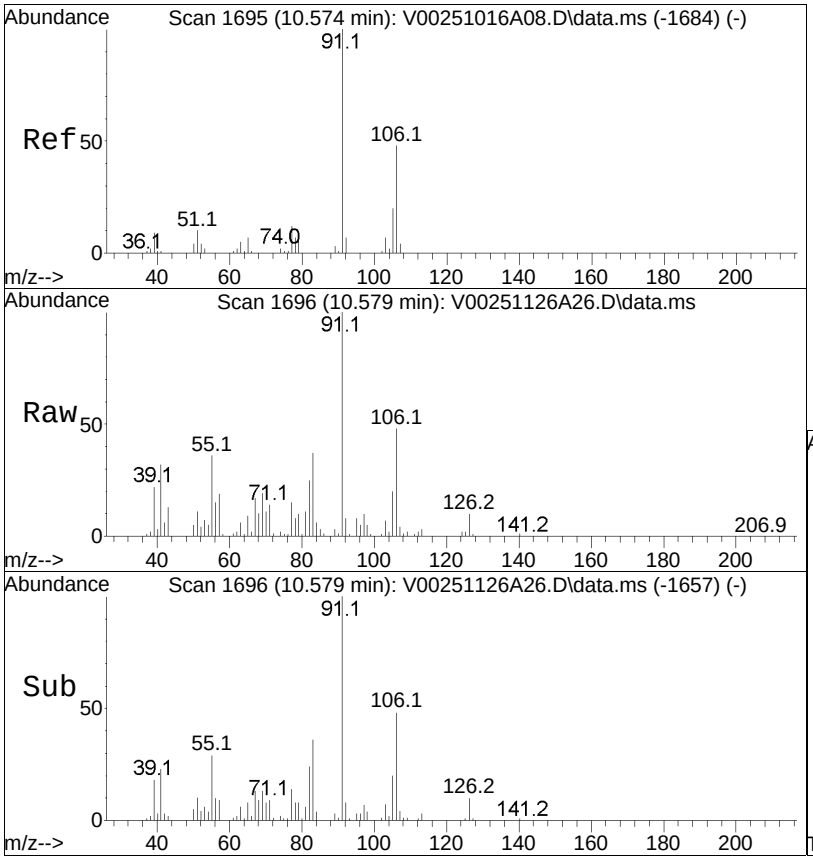


#77
p/m Xylene
Concen: 812.16 ug/L
RT: 10.055 min Scan# 1596
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:106 Resp:10686978

Ion	Ratio	Lower	Upper
106	100		
91	180.7	159.5	239.3

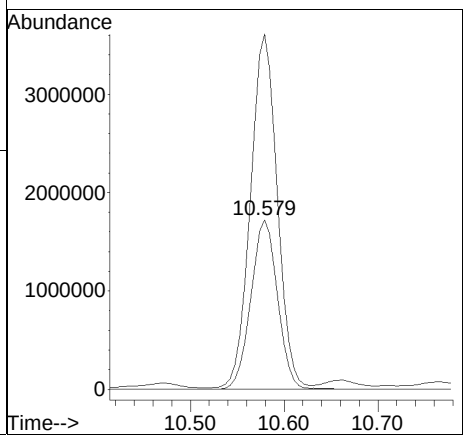


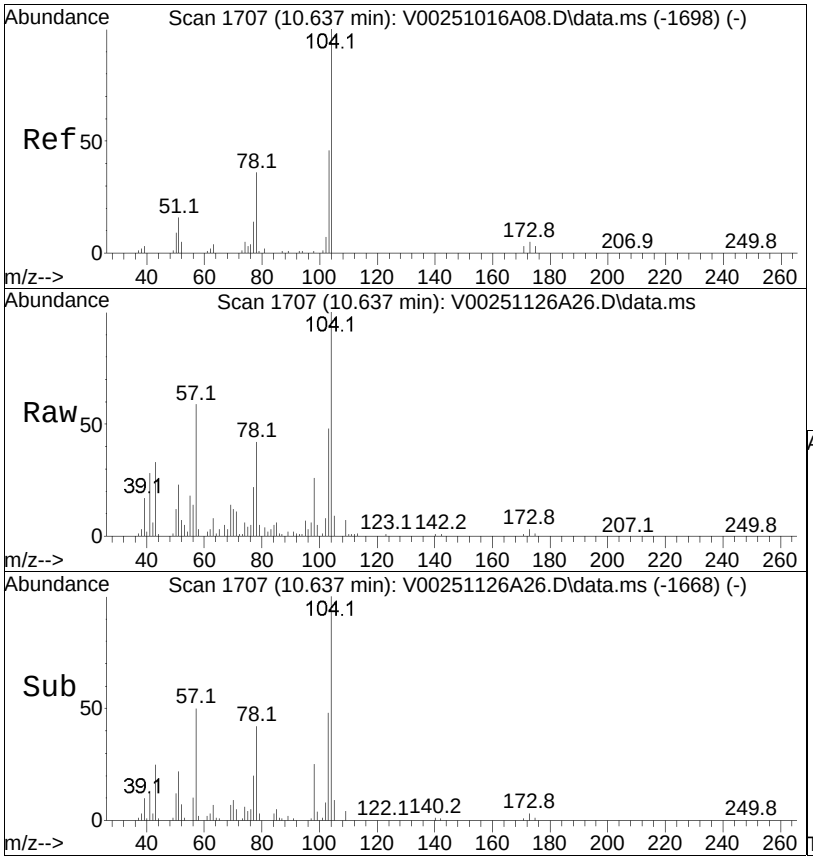


#78
o Xylene
Concen: 260.77 ug/L
RT: 10.579 min Scan# 1696
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:106 Resp: 3405706

Ion	Ratio	Lower	Upper
106	100		
91	208.7	168.6	252.8

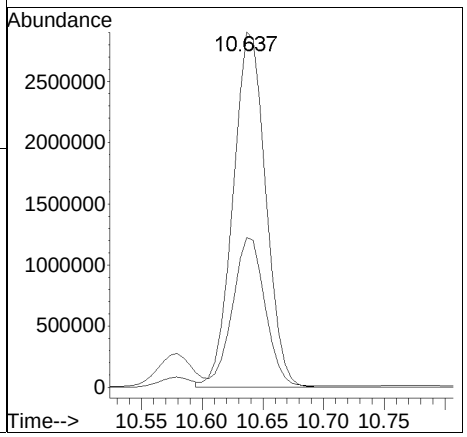


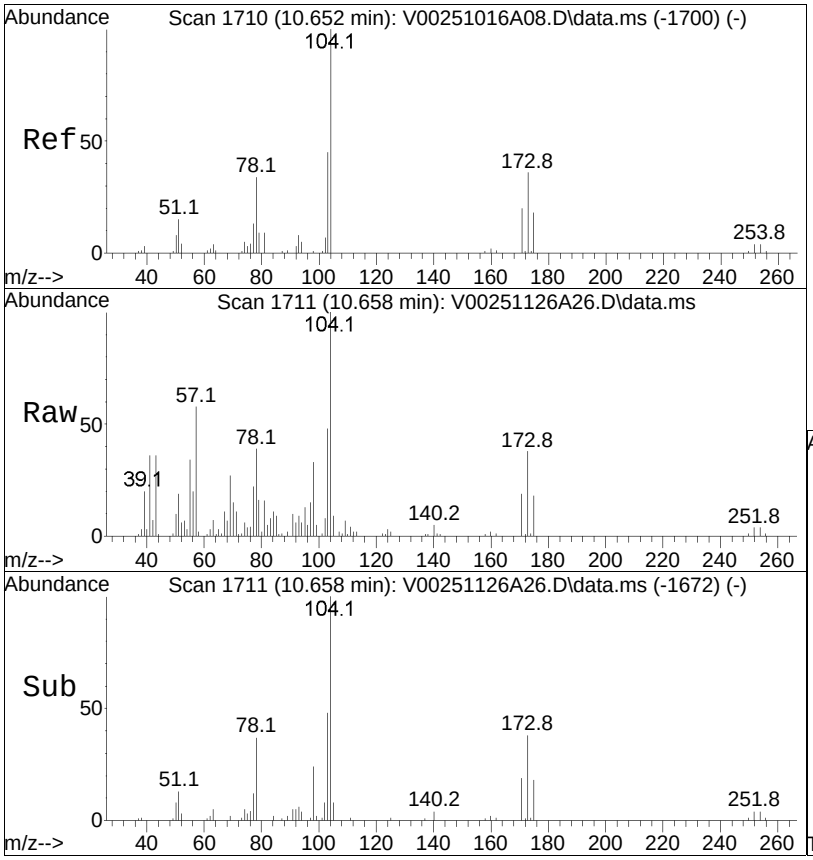


#79
Styrene
Concen: 242.44 ug/L
RT: 10.637 min Scan# 1707
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:104 Resp: 5442207

Ion	Ratio	Lower	Upper
104	100		
78	41.3	33.8	50.6

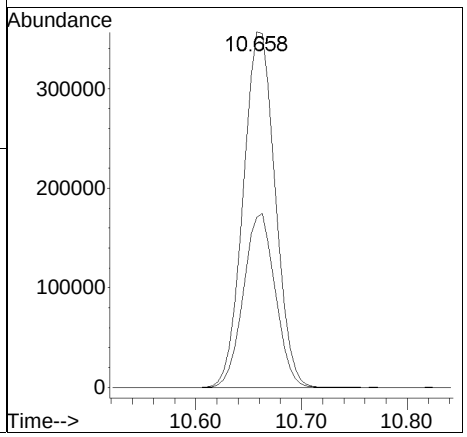


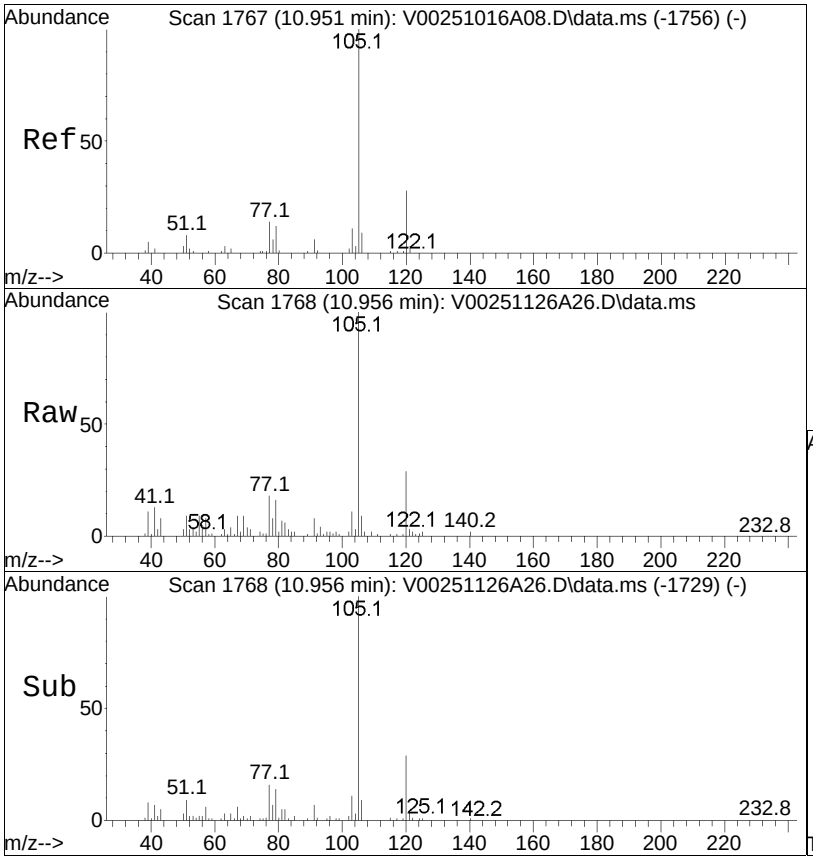


#81
Bromoform
Concen: 123.66 ug/L
RT: 10.658 min Scan# 1711
Delta R.T. 0.006 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:173 Resp: 749163

Ion	Ratio	Lower	Upper
173	100		
175	48.6	27.8	67.8

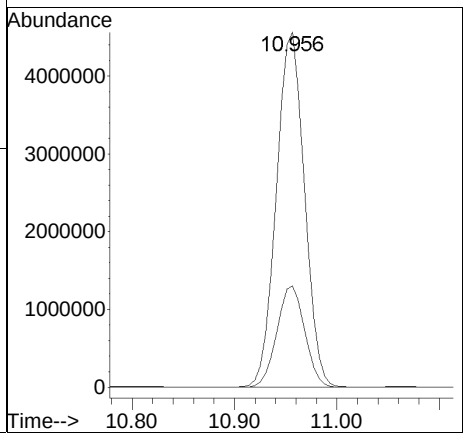


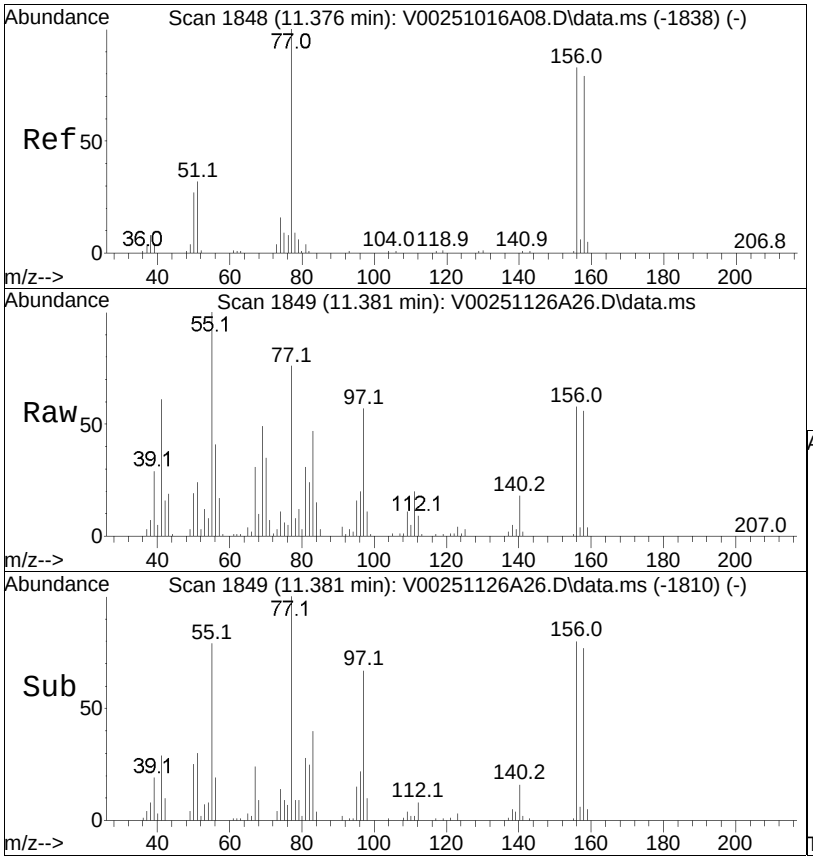


#83
Isopropylbenzene
Concen: 243.84 ug/L
RT: 10.956 min Scan# 1768
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:105 Resp: 8678408

Ion	Ratio	Lower	Upper
105	100		
120	28.4	6.4	46.4

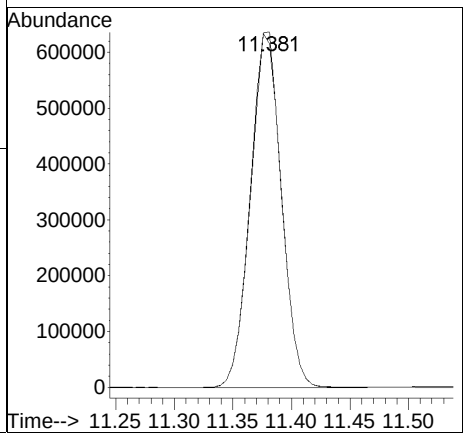


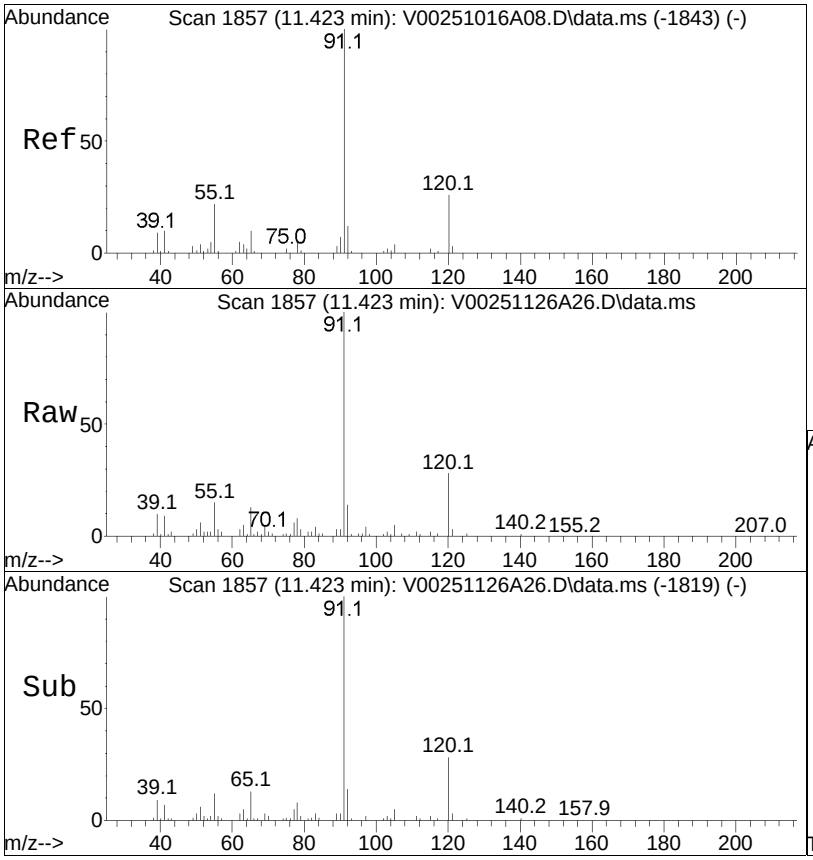


#85
Bromobenzene
Concen: 129.02 ug/L
RT: 11.381 min Scan# 1849
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:156 Resp: 1179083

Ion	Ratio	Lower	Upper
156	100		
158	98.3	76.9	115.3

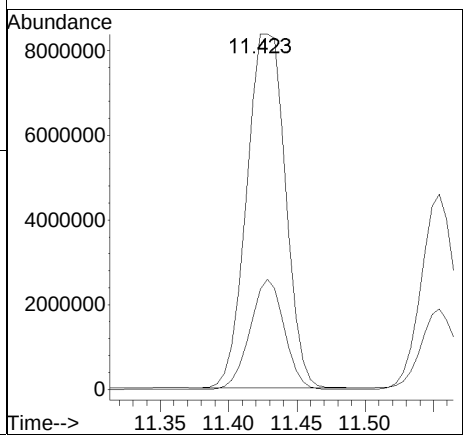


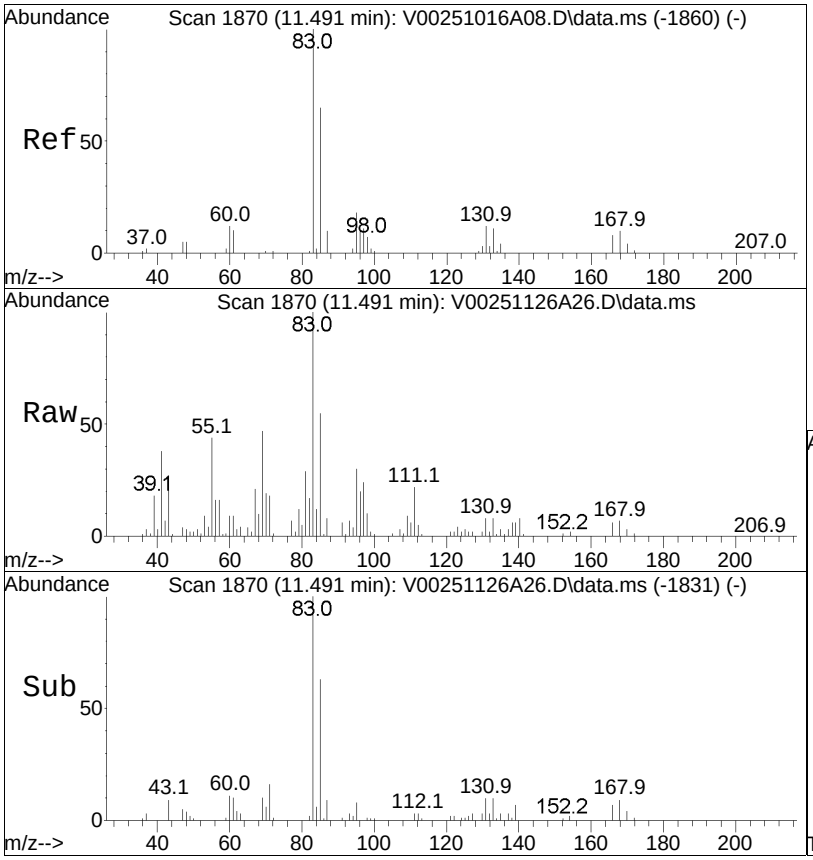


#86
n-Propylbenzene
Concen: 382.39 ug/L
RT: 11.423 min Scan# 1857
Delta R.T. 0.000 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 91 Resp:16420641

Ion	Ratio	Lower	Upper
91	100		
120	27.5	18.2	27.2#

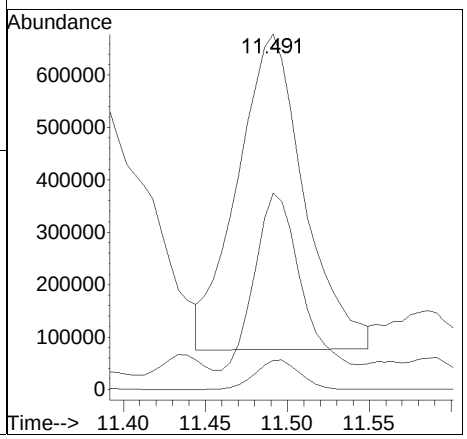


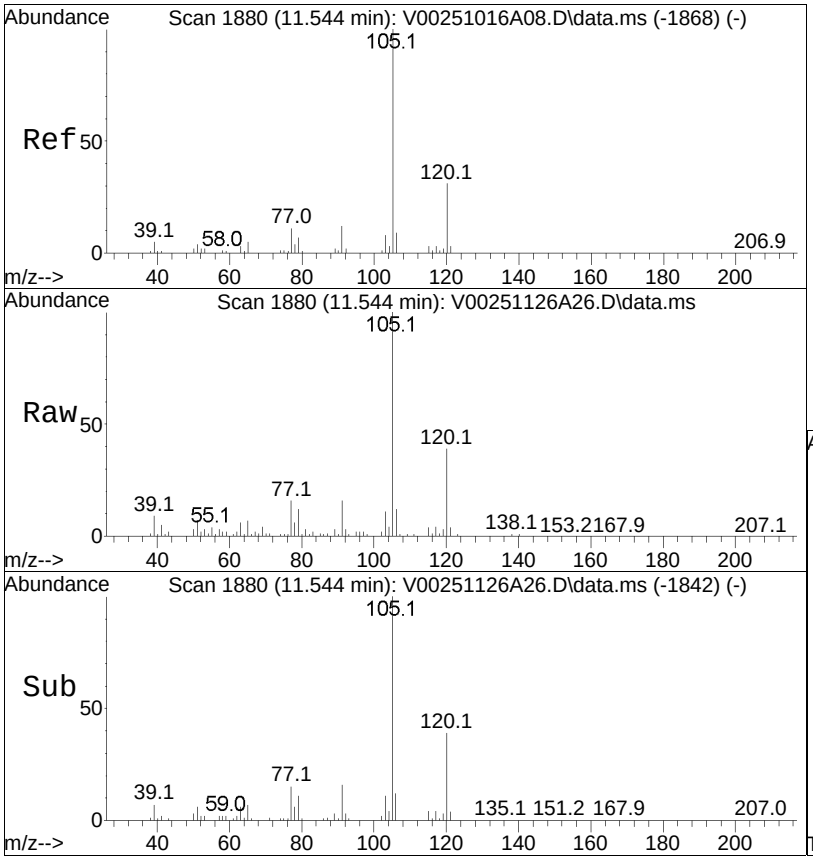


#88
1,1,2,2-Tetrachloroethane
Concen: 194.01 ug/L
RT: 11.491 min Scan# 1870
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 83 Resp: 1702323

Ion	Ratio	Lower	Upper
83	100		
131	6.2	0.0	30.1
85	39.6	45.9	85.9#

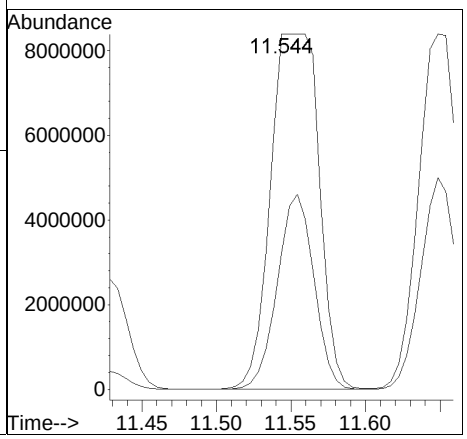


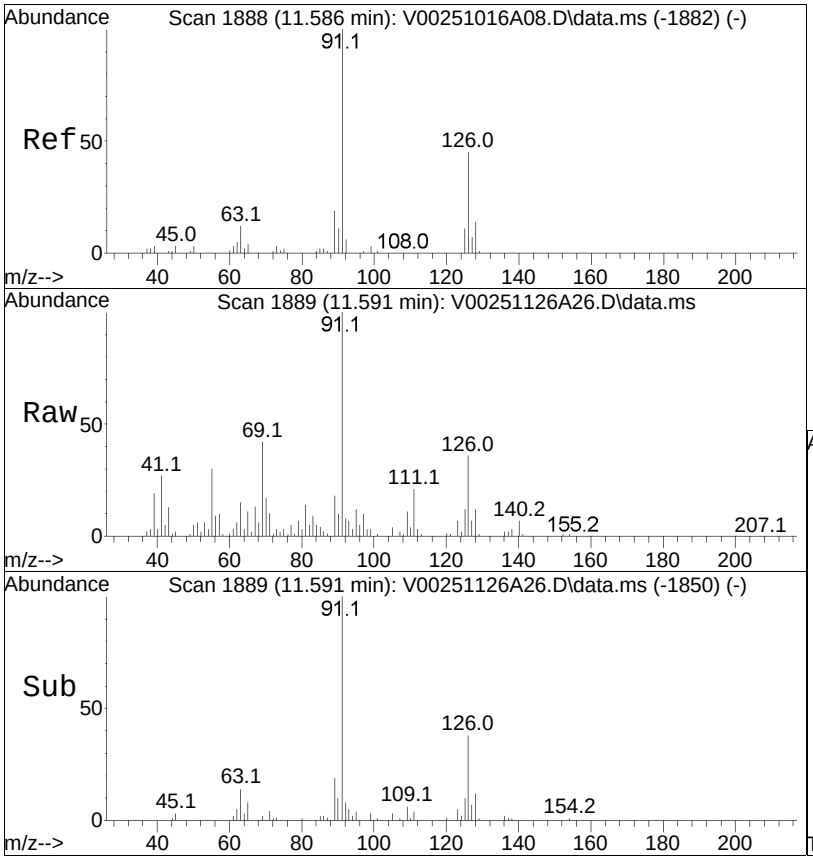


#89
4-Ethyltoluene
Concen: 539.68 ug/L
RT: 11.544 min Scan# 1880
Delta R.T. -0.000 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:105 Resp:18908459

Ion	Ratio	Lower	Upper
105	100		
120	41.5	19.3	40.1#

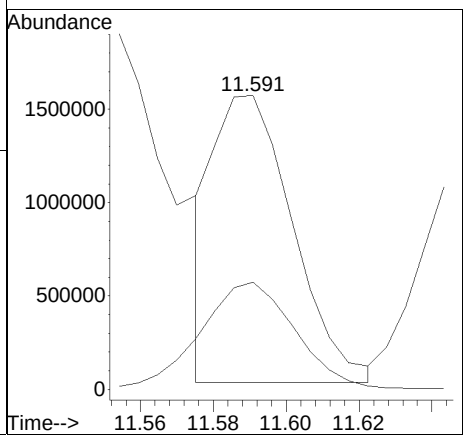


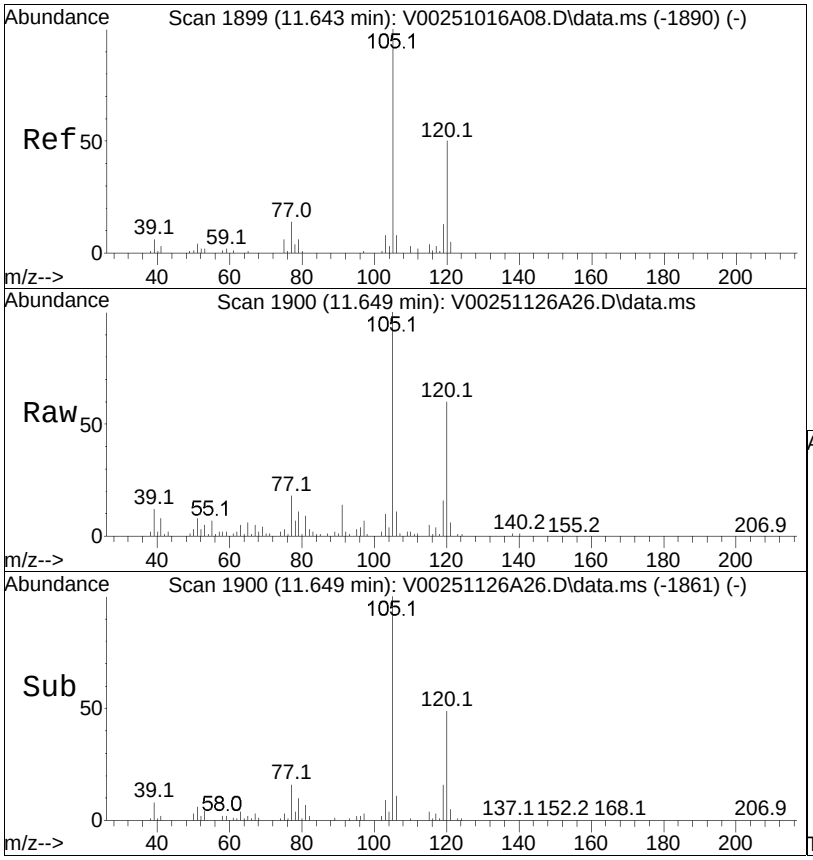


#90
2-Chlorotoluene
Concen: 95.67 ug/L
RT: 11.591 min Scan# 1889
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 91 Resp: 2334303

Ion	Ratio	Lower	Upper
91	100		
126	43.7	27.1	40.7#

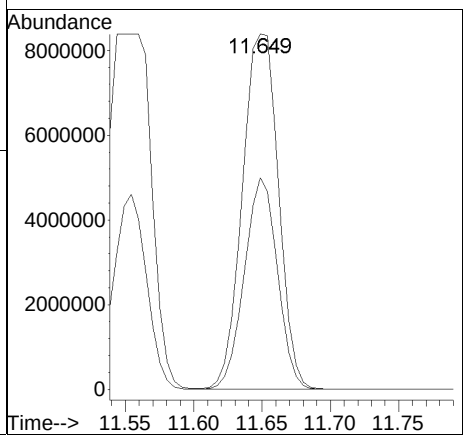


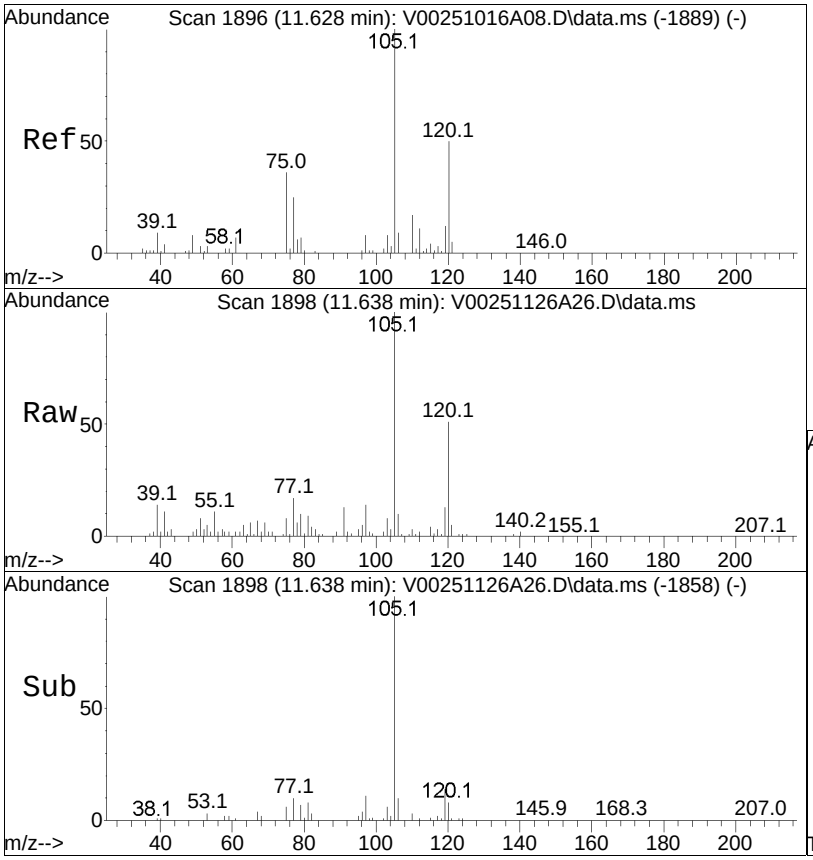


#91
1,3,5-Trimethylbenzene
Concen: 510.03 ug/L
RT: 11.649 min Scan# 1900
Delta R.T. 0.006 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:105 Resp:15407980

Ion	Ratio	Lower	Upper
105	100		
120	54.6	39.1	58.7

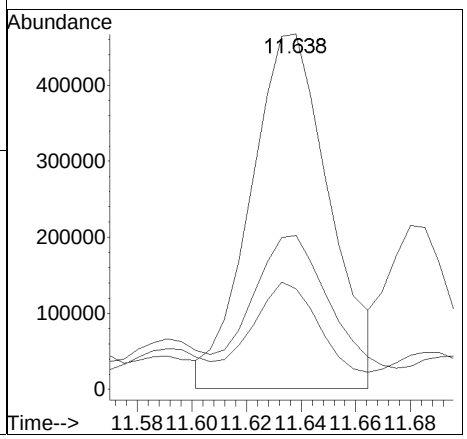


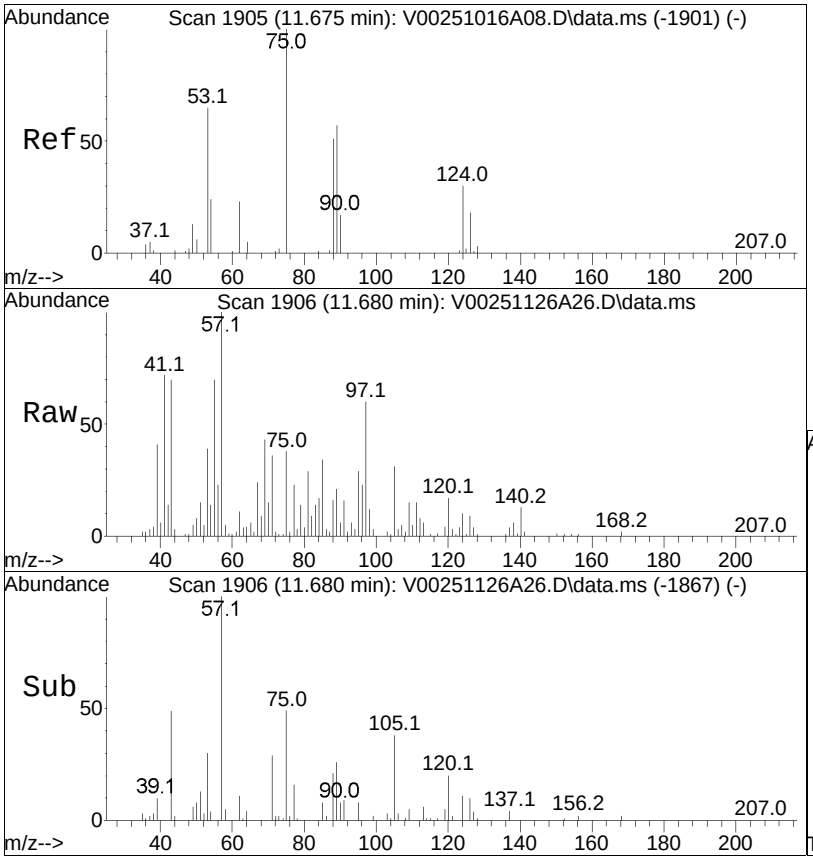


#92
1,2,3-Trichloropropane
Concen: 135.67 ug/L
RT: 11.638 min Scan# 1898
Delta R.T. 0.010 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 75 Resp: 937777

Ion	Ratio	Lower	Upper
75	100		
110	34.9	24.5	50.9
112	19.8	15.3	31.9

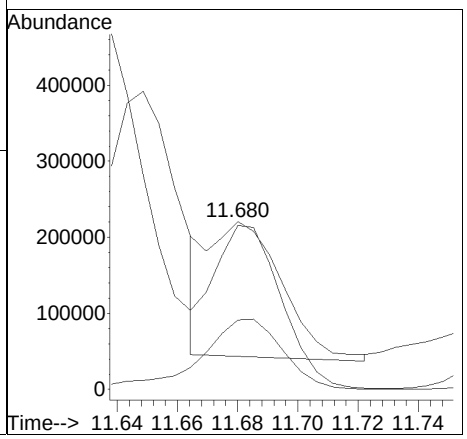


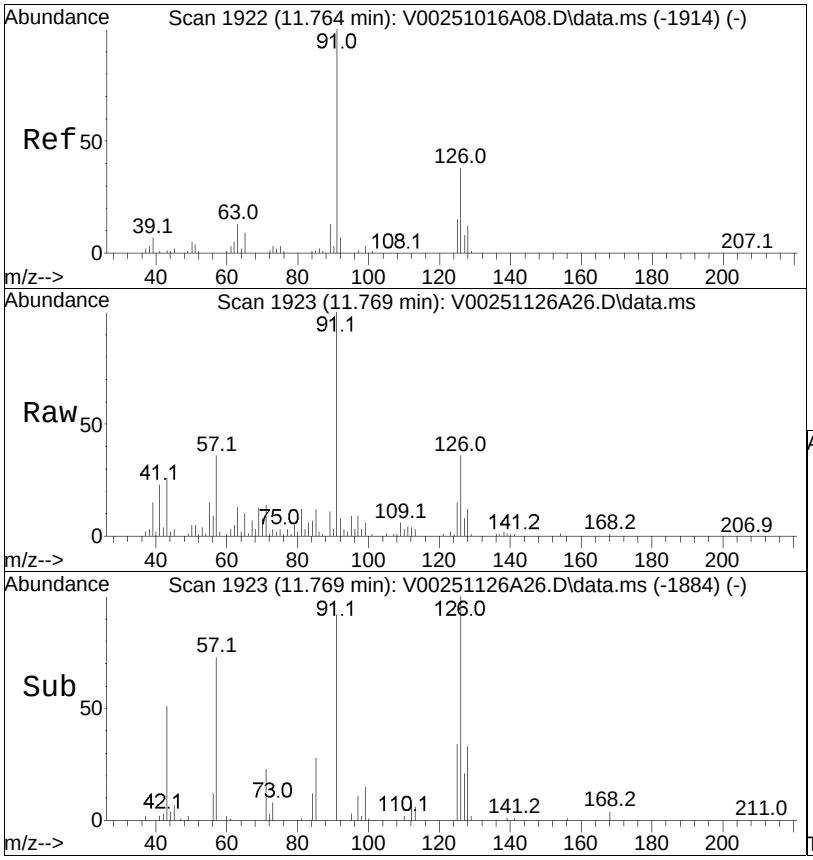


#93
trans-1,4-Dichloro-2-butene
Concen: 130.66 ug/L M3
RT: 11.680 min Scan# 1906
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 53 Resp: 299701

Ion	Ratio	Lower	Upper
53	100		
88	0.0	44.2	66.4#
75	313.1	100.8	151.2#

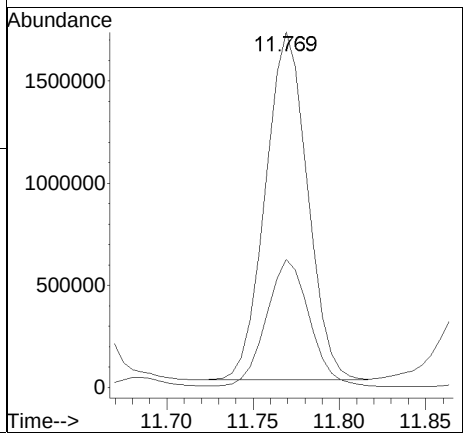


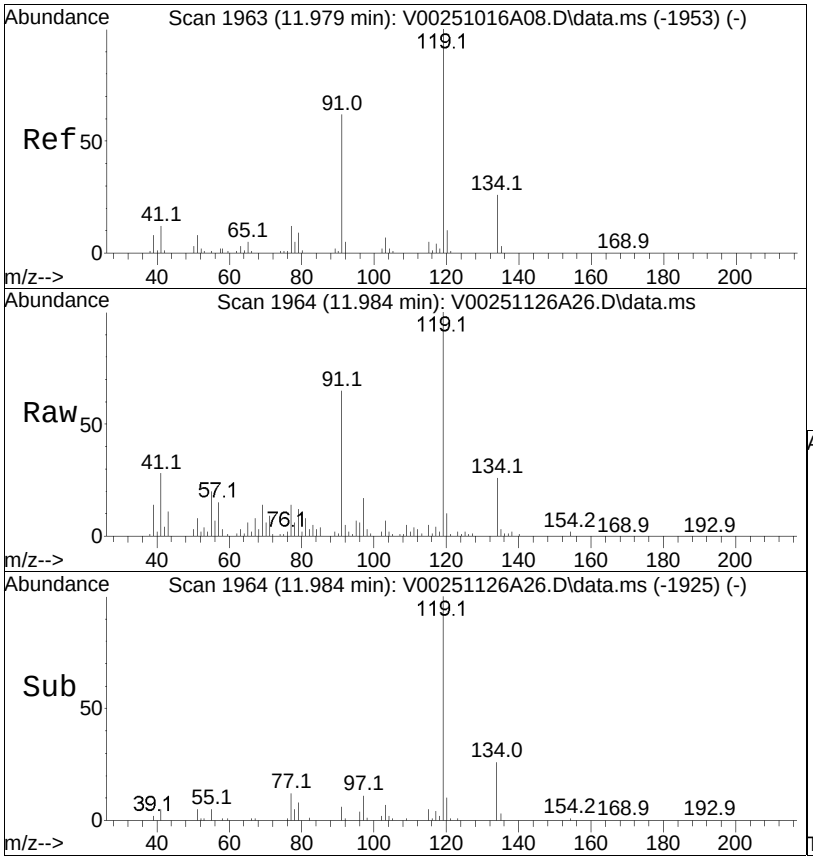


#94
4-Chlorotoluene
Concen: 114.46 ug/L
RT: 11.769 min Scan# 1923
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 91 Resp: 2886584

Ion	Ratio	Lower	Upper
91	100		
126	37.6	27.3	40.9

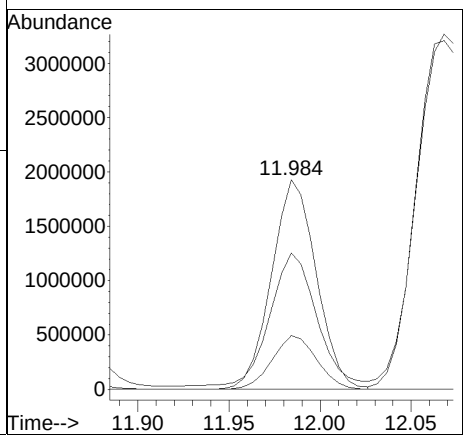


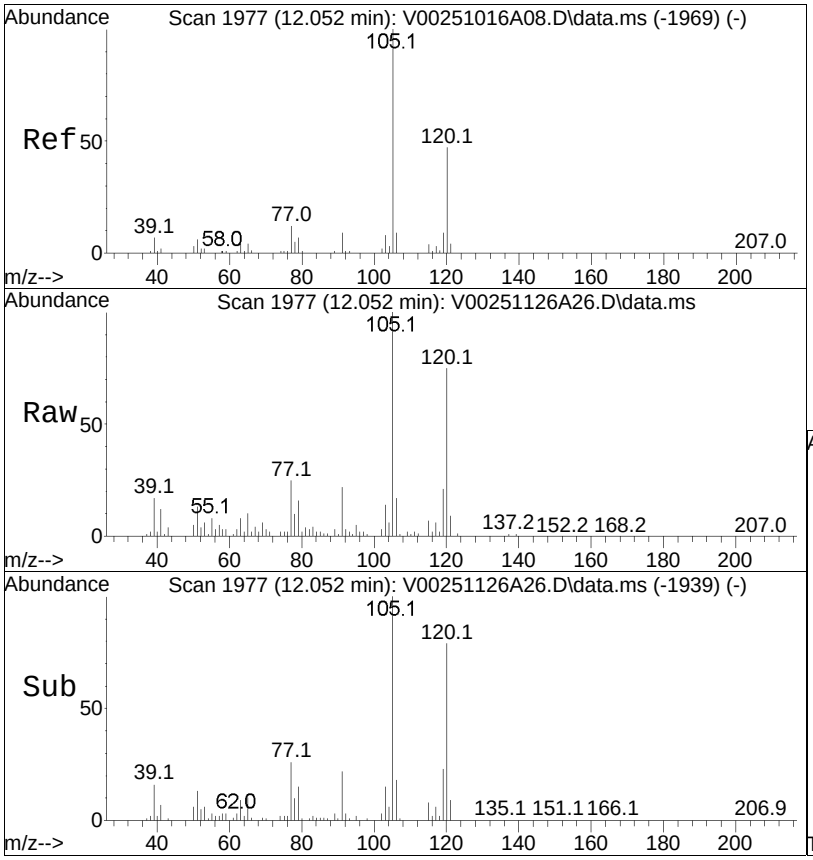


#95
tert-Butylbenzene
Concen: 123.31 ug/L
RT: 11.984 min Scan# 1964
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:119 Resp: 3294128

Ion	Ratio	Lower	Upper
119	100		
91	65.9	54.8	82.2
134	25.6	20.6	30.8

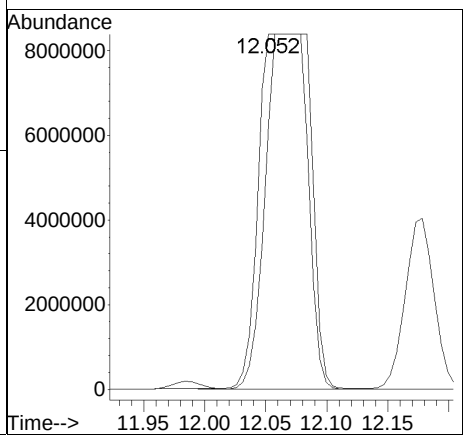


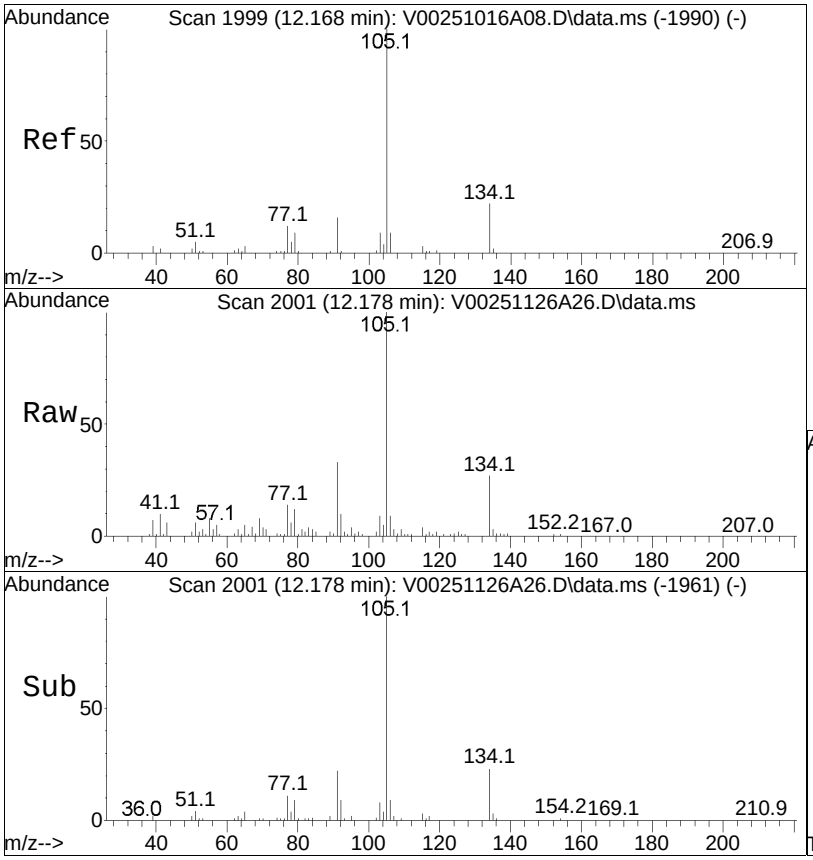


#98
1,2,4-Trimethylbenzene
Concen: 823.35 ug/L M3
RT: 12.052 min Scan# 1977
Delta R.T. 0.000 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:105 Resp:24468013

Ion	Ratio	Lower	Upper
105	100		
120	0.0	37.1	55.7#

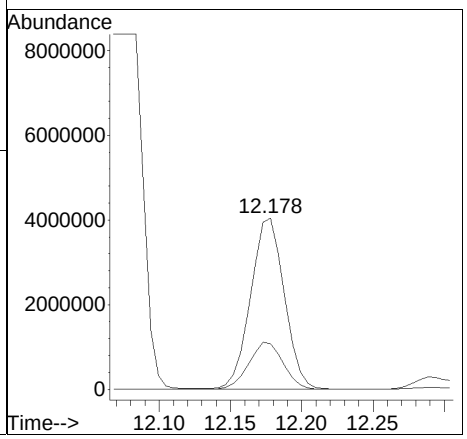


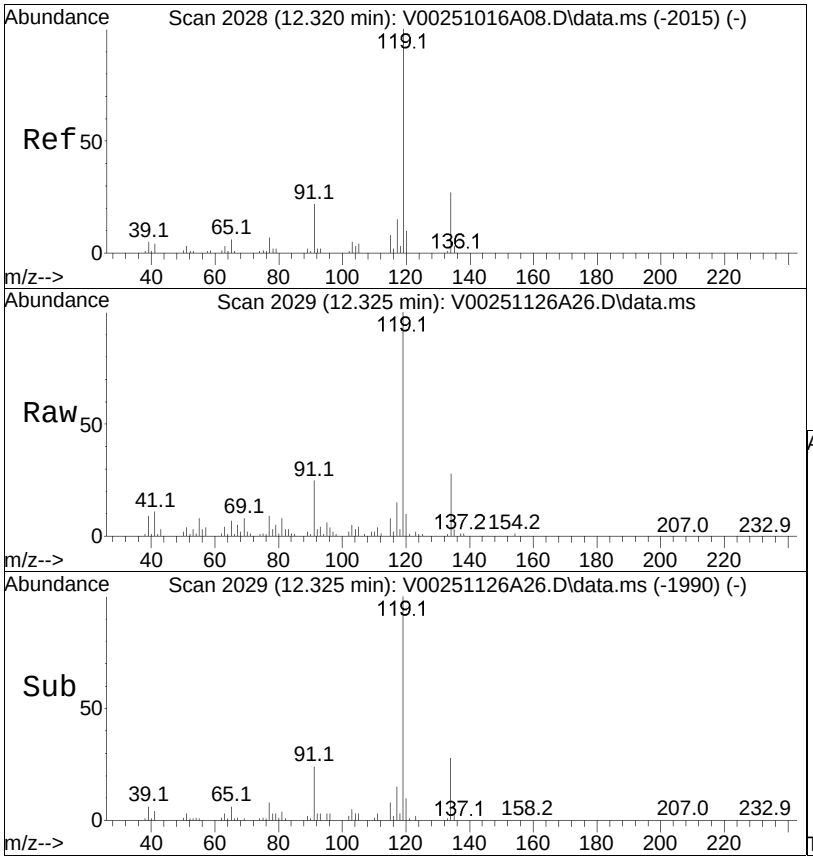


#99
sec-Butylbenzene
Concen: 168.11 ug/L
RT: 12.178 min Scan# 2001
Delta R.T. 0.010 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:105 Resp: 6613391

Ion	Ratio	Lower	Upper
105	100		
134	28.3	13.5	27.9#

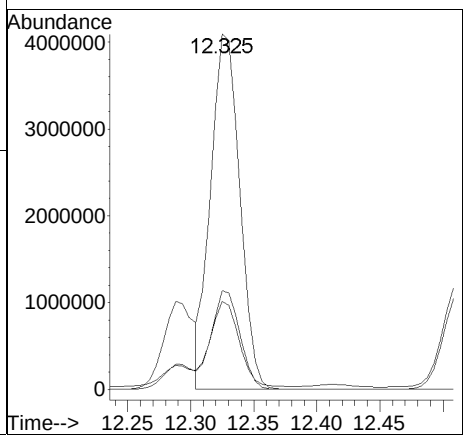


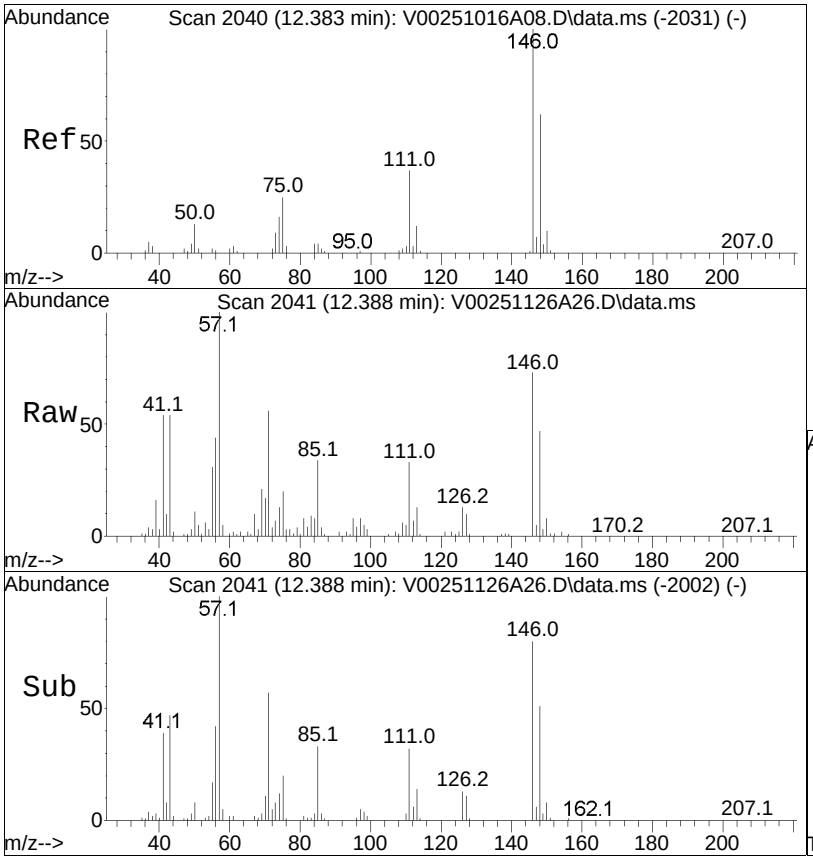


#100
p-Isopropyltoluene
Concen: 188.64 ug/L
RT: 12.325 min Scan# 2029
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:119 Resp: 6561424

Ion	Ratio	Lower	Upper
119	100		
134	27.3	17.4	36.0
91	23.7	15.8	32.8

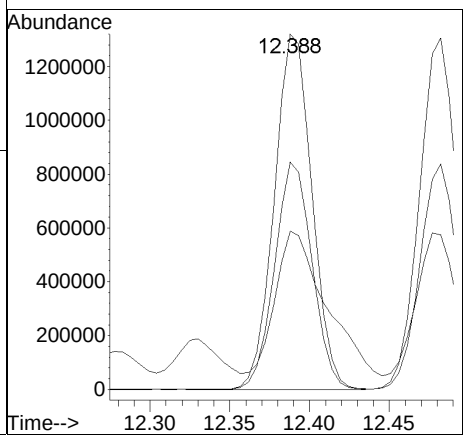


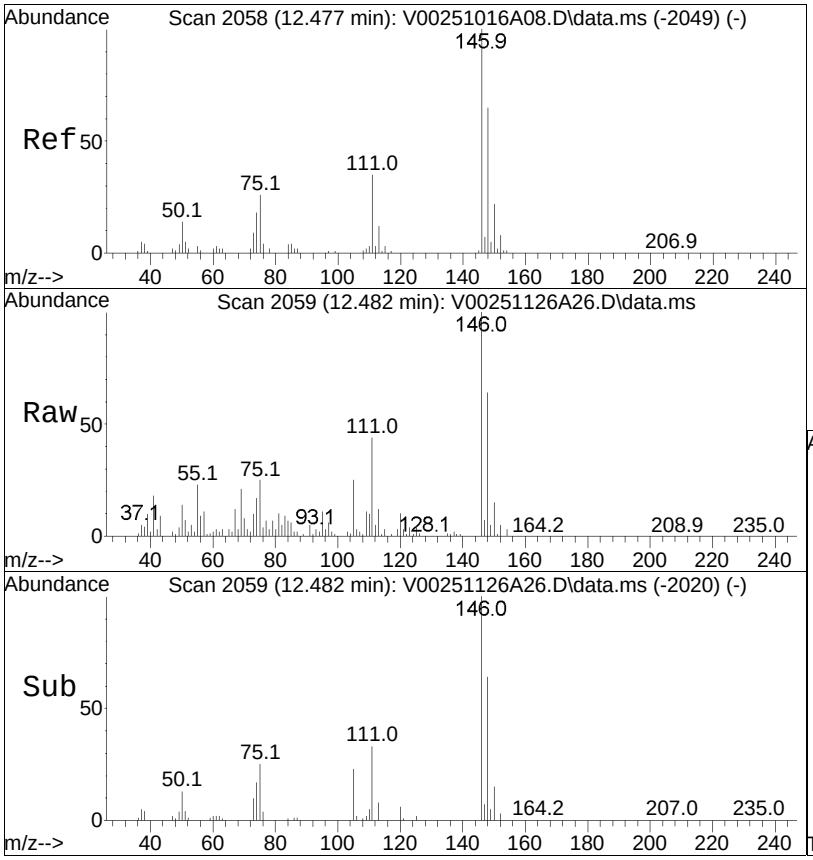


#101
1,3-Dichlorobenzene
Concen: 119.23 ug/L M3
RT: 12.388 min Scan# 2041
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:146 Resp: 2168005

Ion	Ratio	Lower	Upper
146	100		
111	47.3	26.1	54.1
148	63.5	40.8	84.8

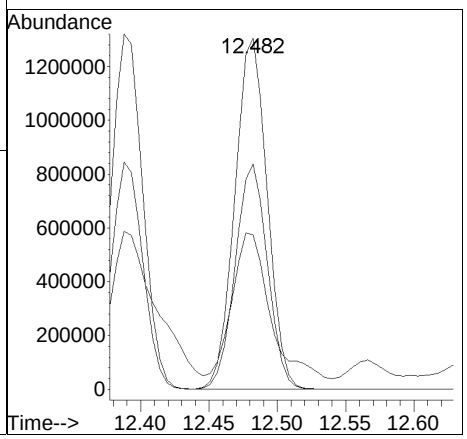


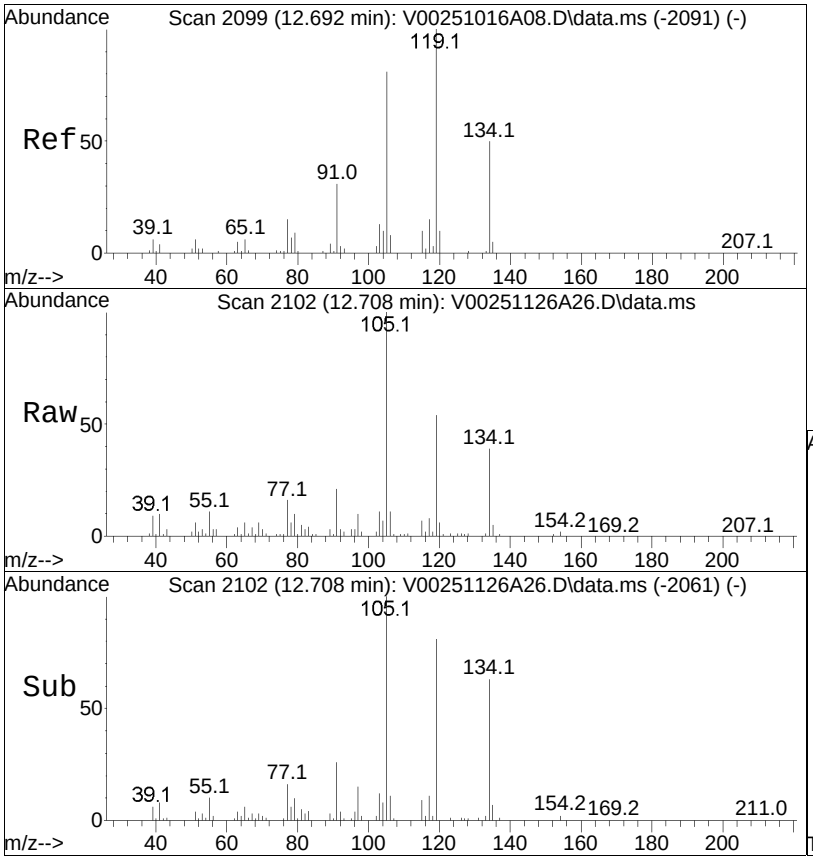


#102
1,4-Dichlorobenzene
Concen: 117.21 ug/L
RT: 12.482 min Scan# 2059
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:146 Resp: 2154938

Ion	Ratio	Lower	Upper
146	100		
111	47.6	32.1	48.1
148	63.8	50.6	75.8

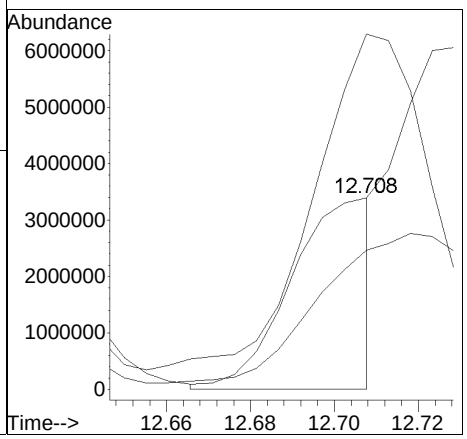


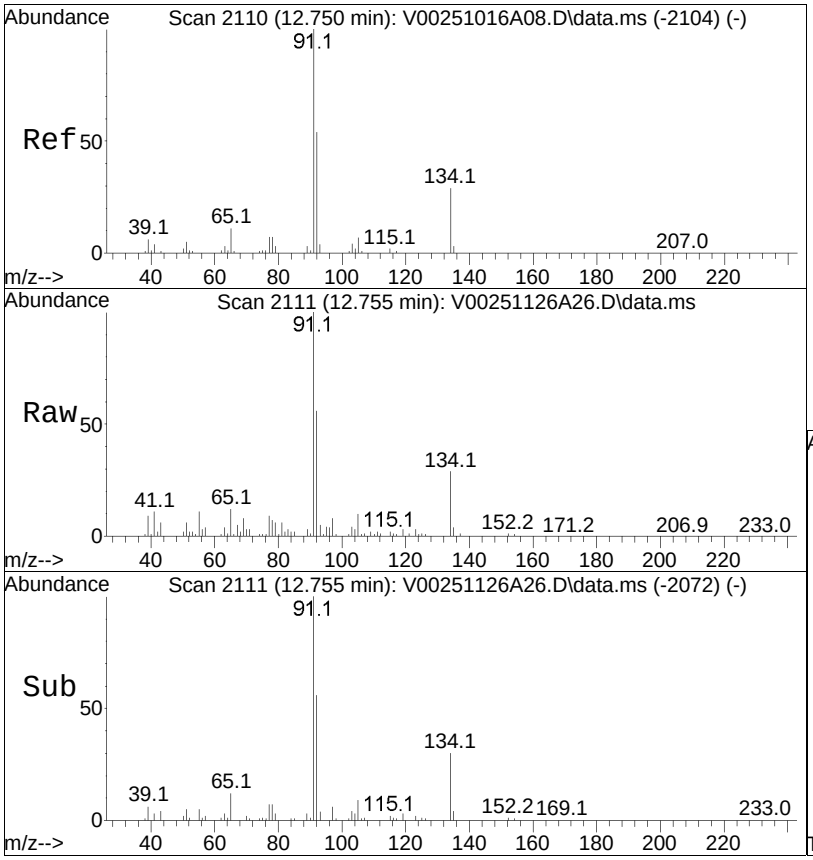


#103
p-Diethylbenzene
Concen: 219.30 ug/L M3
RT: 12.708 min Scan# 2102
Delta R.T. 0.016 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:119 Resp: 4578685

Ion	Ratio	Lower	Upper
119	100		
105	255.6	56.4	117.0#
134	162.2	30.4	63.0#

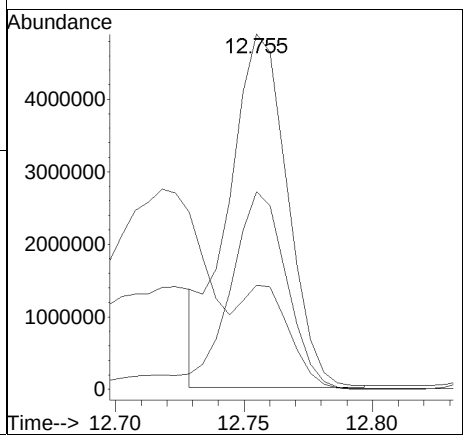


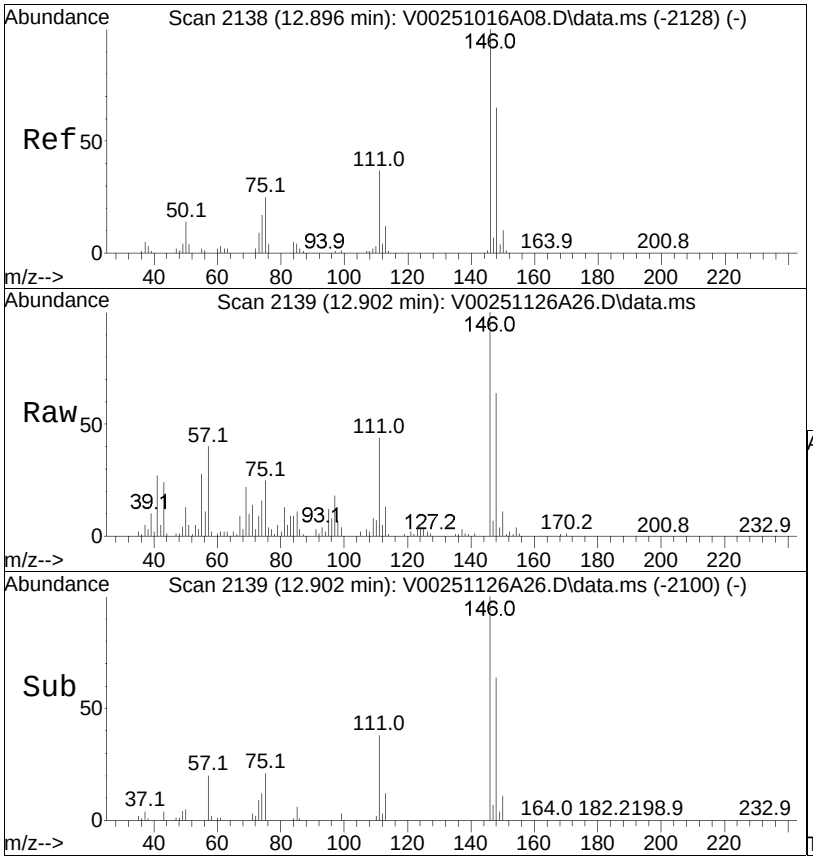


#104
n-Butylbenzene
Concen: 257.04 ug/L M6
RT: 12.755 min Scan# 2111
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion: 91 Resp: 7832773

Ion	Ratio	Lower	Upper
91	100		
92	57.1	43.7	65.5
134	23.8	21.5	32.3

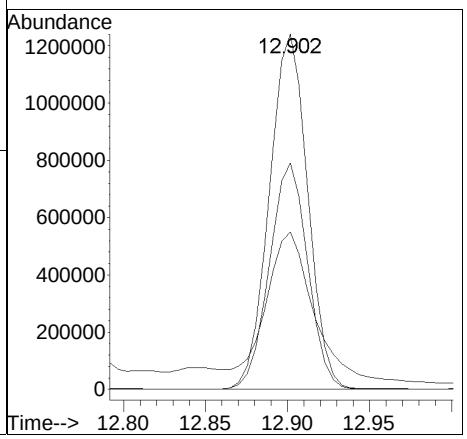


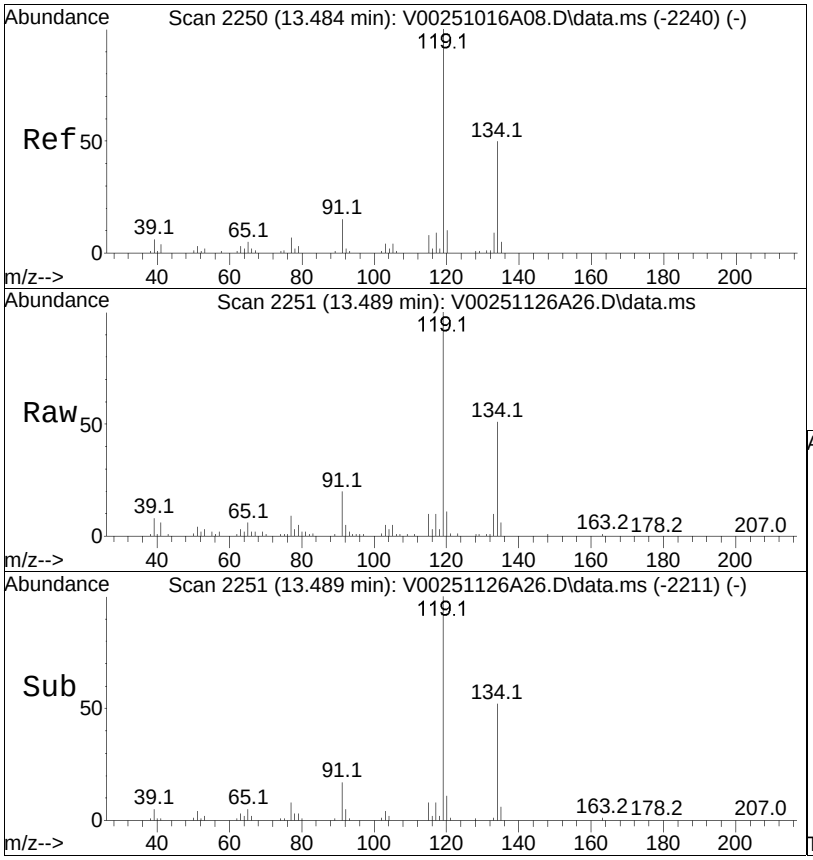


#105
1,2-Dichlorobenzene
Concen: 119.39 ug/L
RT: 12.902 min Scan# 2139
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:146 Resp: 2022697

Ion	Ratio	Lower	Upper
146	100		
111	54.7	26.9	55.9
148	63.6	40.3	83.7

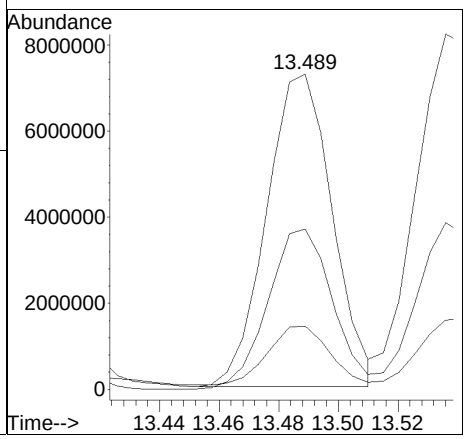


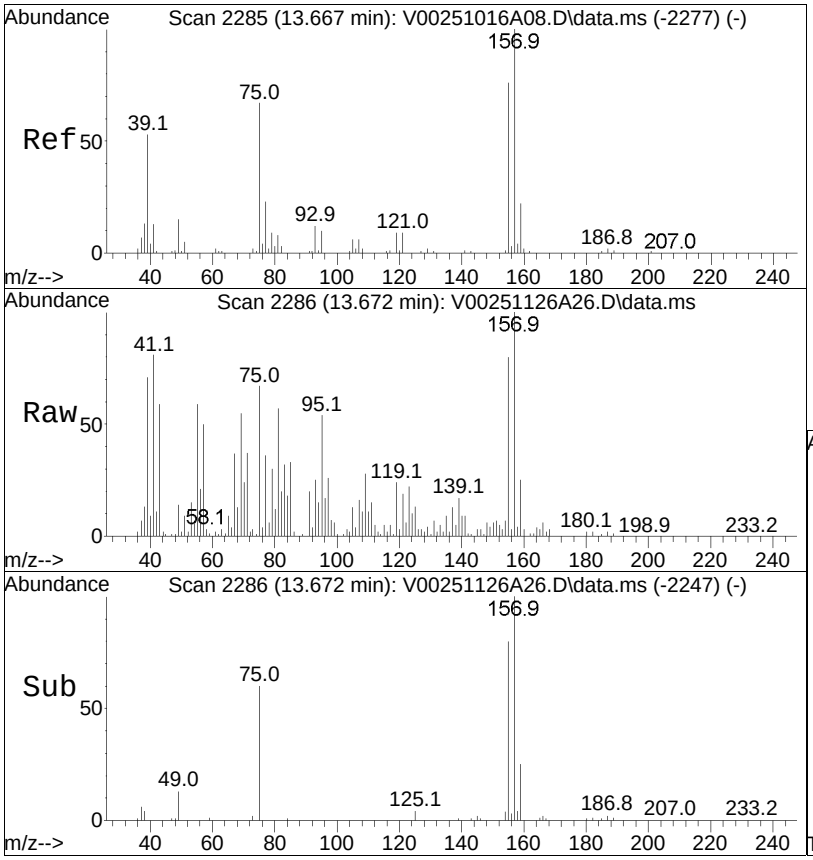


#106
1,2,4,5-Tetramethylbenzene
Concen: 355.01 ug/L
RT: 13.489 min Scan# 2251
Delta R.T. 0.011 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:119 Resp:11135396

Ion	Ratio	Lower	Upper
119	100		
134	50.4	31.0	64.4
91	18.8	10.7	22.1

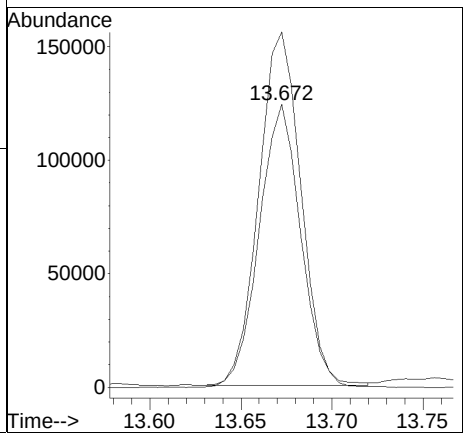


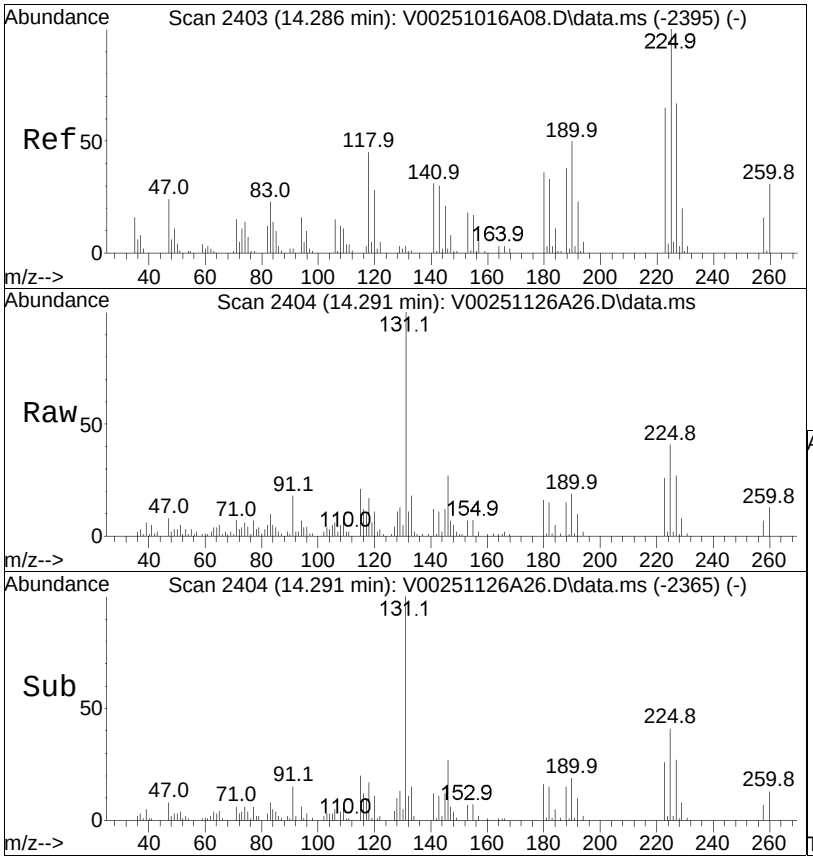


#107
1,2-Dibromo-3-chloropropane
Concen: 124.00 ug/L
RT: 13.672 min Scan# 2286
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:155 Resp: 195204

Ion	Ratio	Lower	Upper
155	100		
157	129.7	97.0	145.4

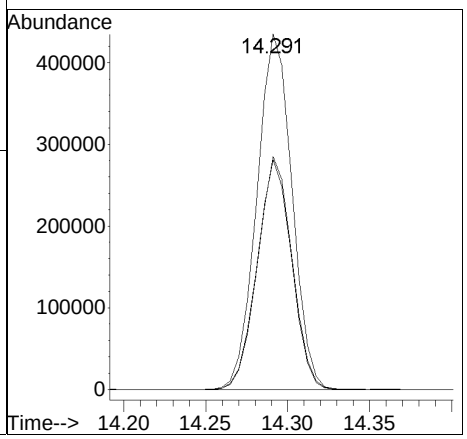


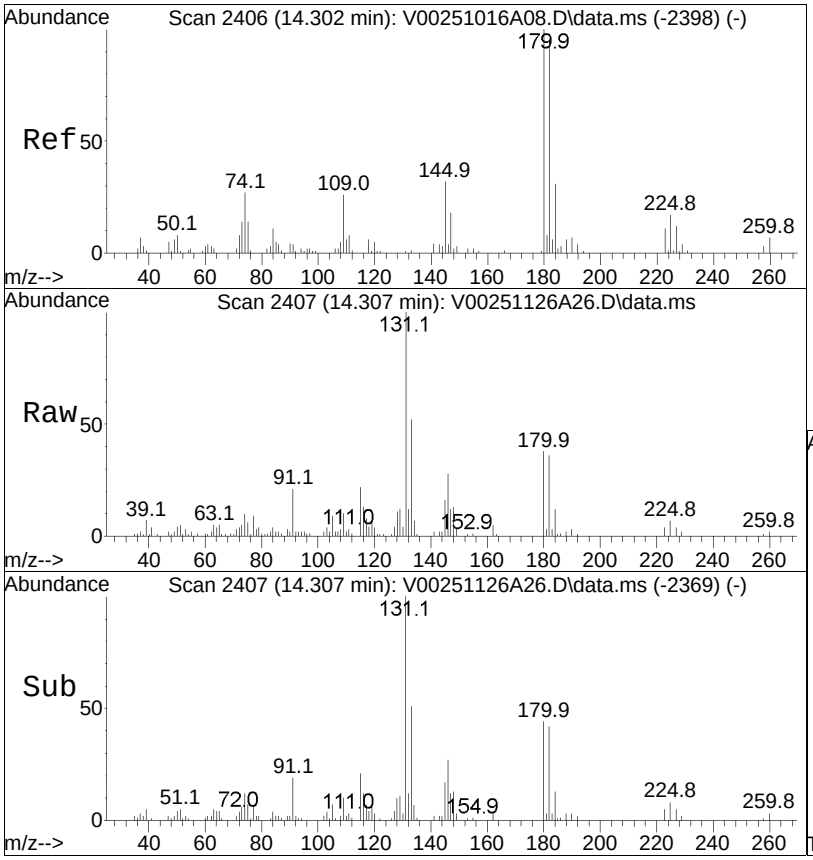


#109
Hexachlorobutadiene
Concen: 118.05 ug/L
RT: 14.291 min Scan# 2404
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:225 Resp: 648660

Ion	Ratio	Lower	Upper
225	100		
223	63.4	52.3	78.5
227	64.2	51.9	77.9

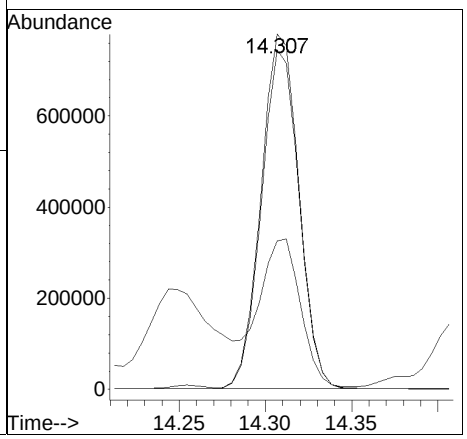


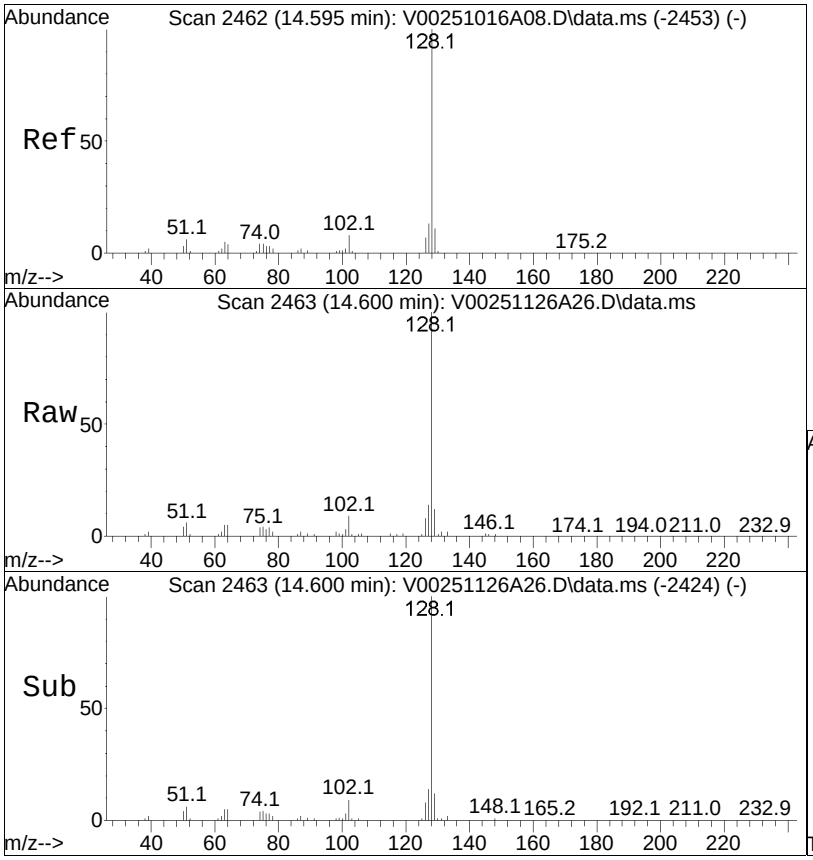


#110
1,2,4-Trichlorobenzene
Concen: 104.57 ug/L
RT: 14.307 min Scan# 2407
Delta R.T. -0.000 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:180 Resp: 1189802

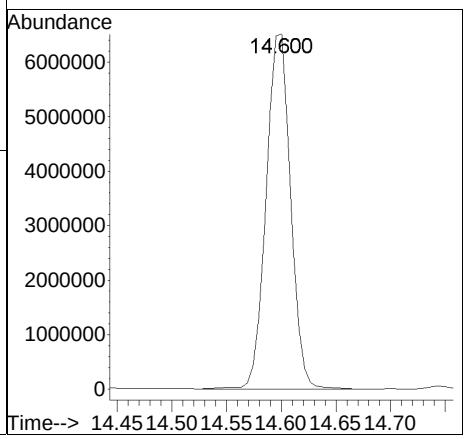
Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.8	113.6
145	47.3	29.2	43.8#

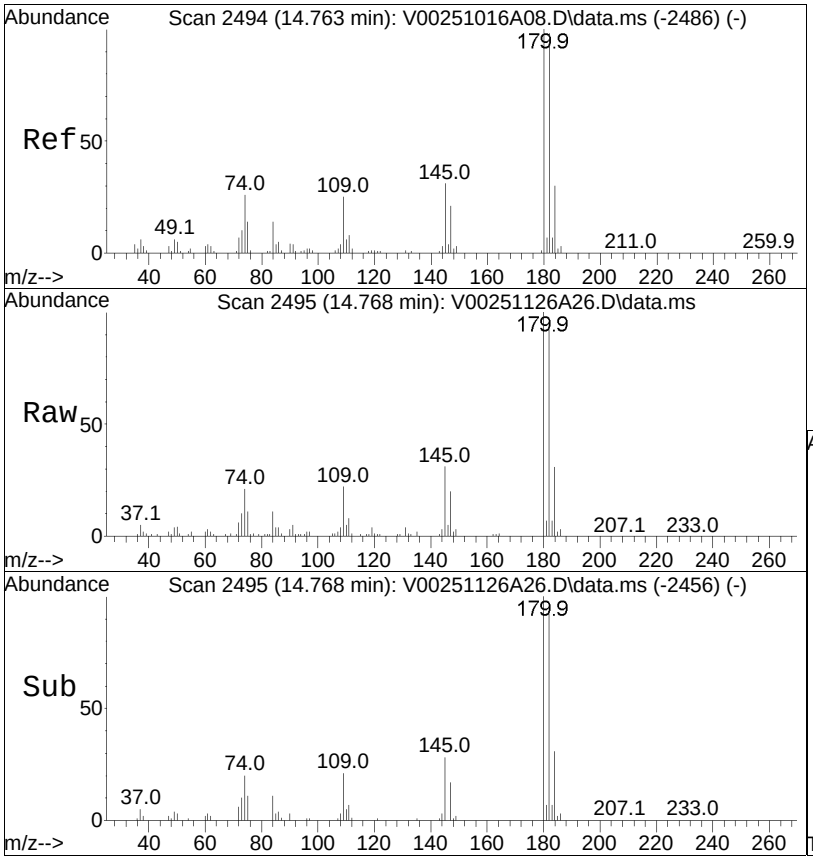




#111
Naphthalene
Concen: 380.50 ug/L
RT: 14.600 min Scan# 2463
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:128 Resp:10164006

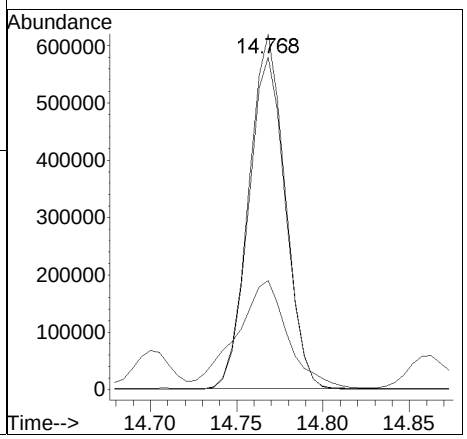




#112
1,2,3-Trichlorobenzene
Concen: 88.56 ug/L
RT: 14.768 min Scan# 2495
Delta R.T. 0.005 min
Lab File: V00251126A26.D
Acq: 26 Nov 2025 05:24 pm

Tgt Ion:180 Resp: 908035

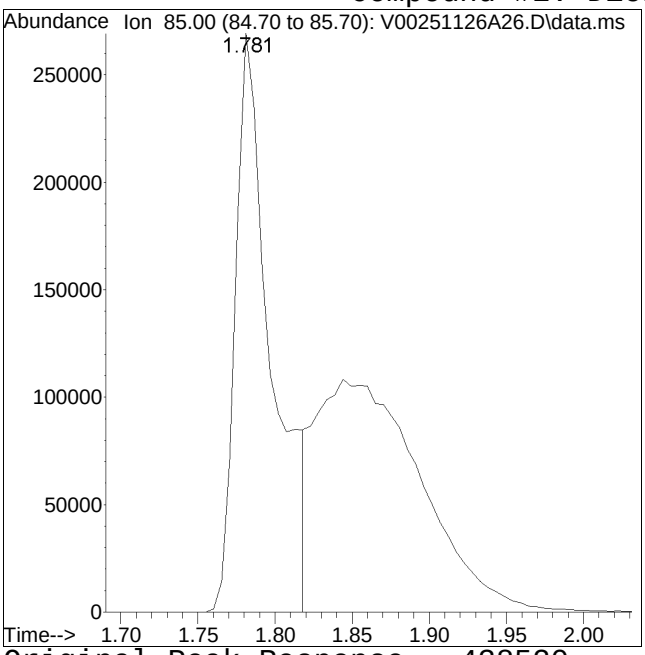
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.4	113.2
145	42.8	24.0	36.0#



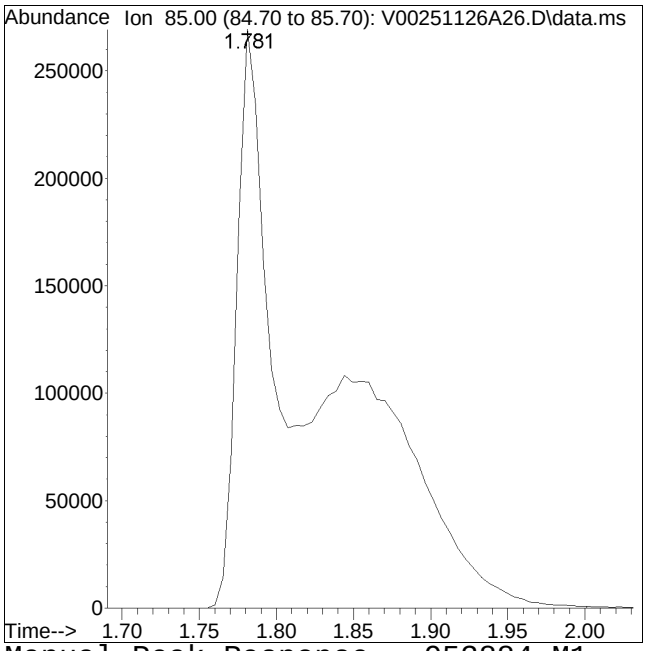
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A26.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 5:24 pm Instrument : VOA100
Sample : WG2146952-7,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 438520



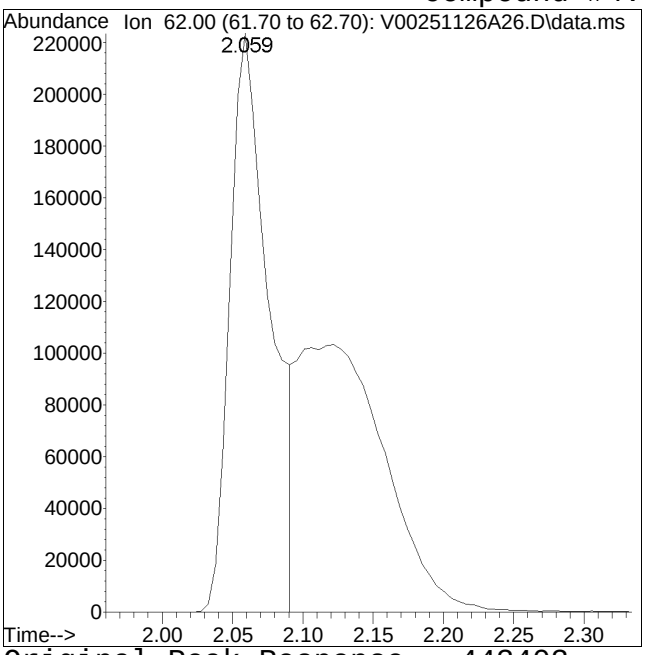
Manual Peak Response = 953884 M1

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

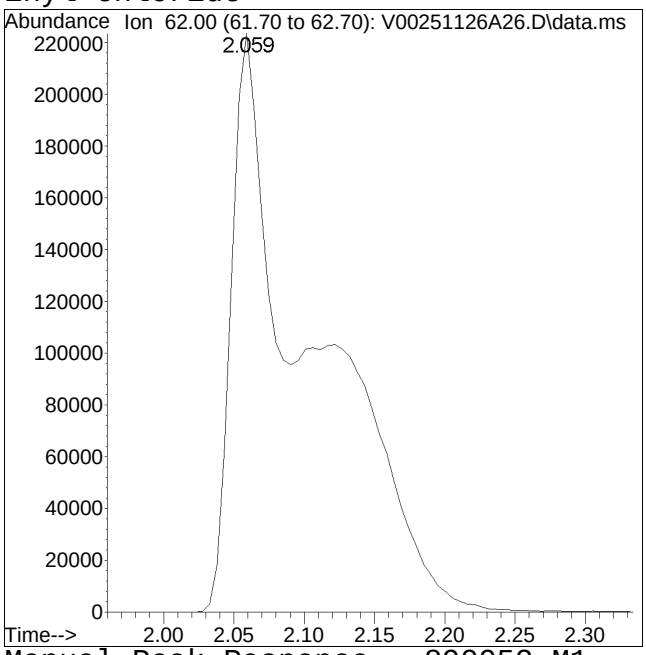
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A26.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 5:24 pm Instrument : VOA100
Sample : WG2146952-7,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #4: Vinyl chloride



Original Peak Response = 443403



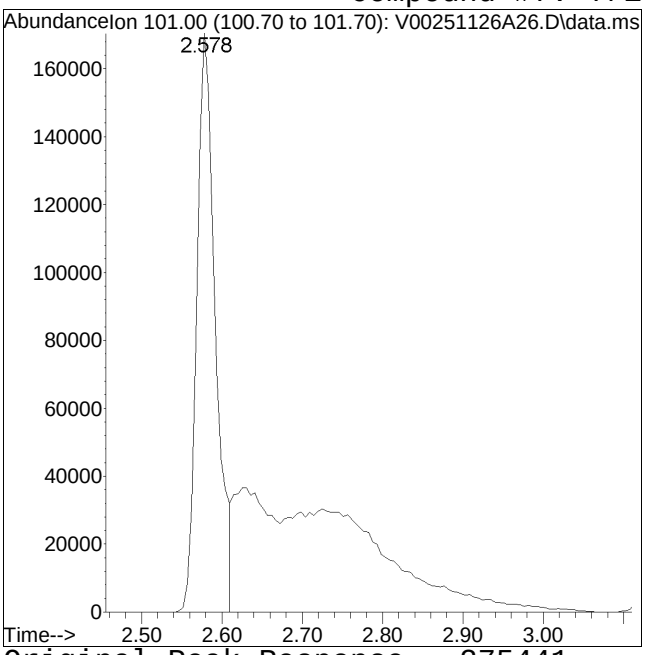
Manual Peak Response = 890952 M1

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

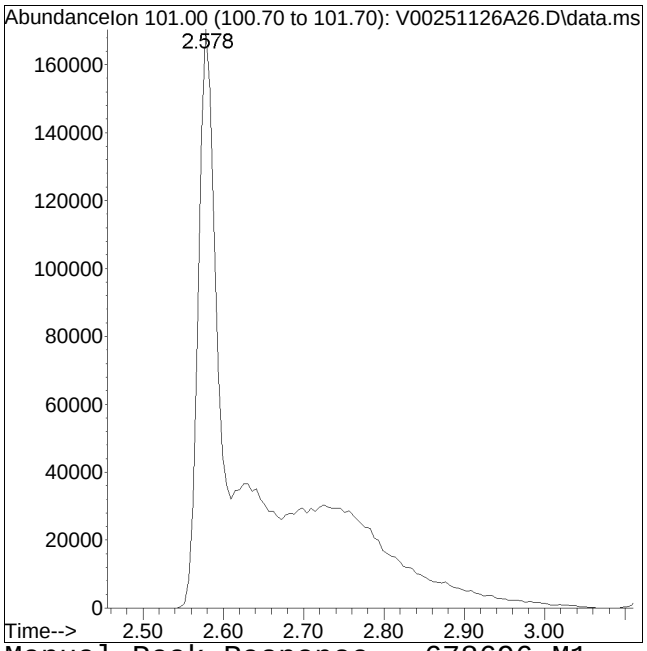
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A26.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 5:24 pm Instrument : VOA100
Sample : WG2146952-7,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #7: Trichlorofluoromethane



Original Peak Response = 275441



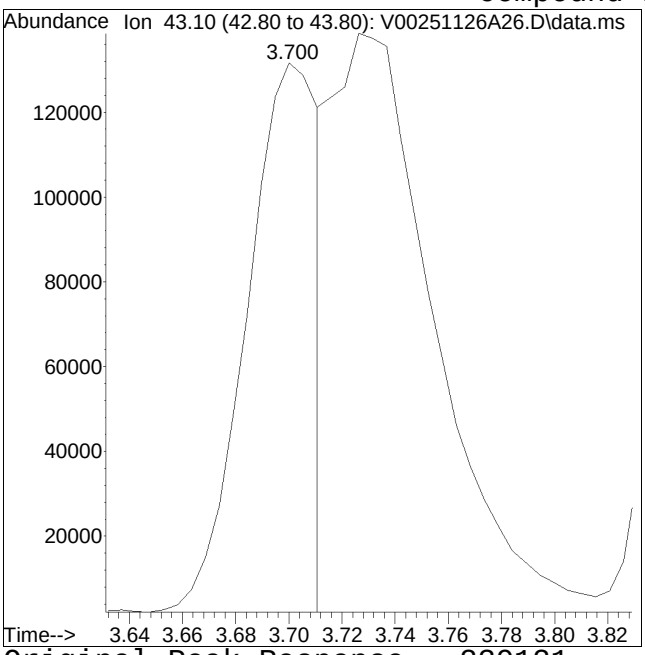
Manual Peak Response = 678696 M1

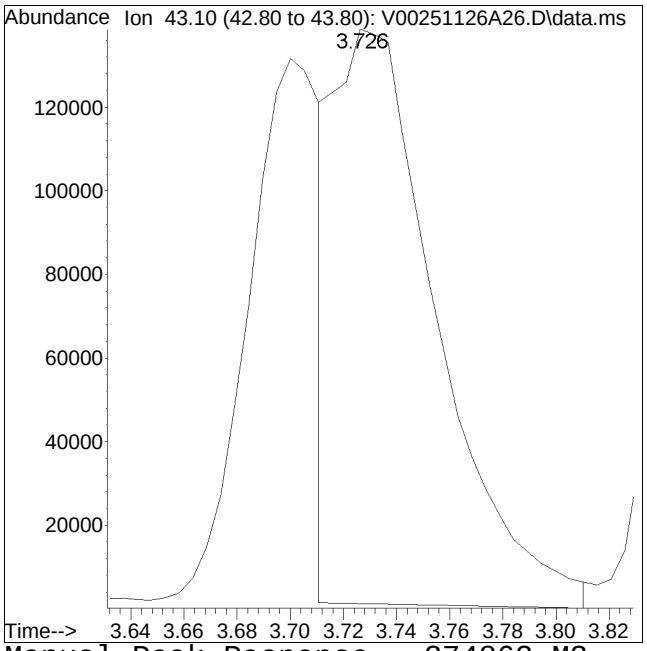
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A26.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 5:24 pm Instrument : VOA100
Sample : WG2146952-7,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #17: Acetone





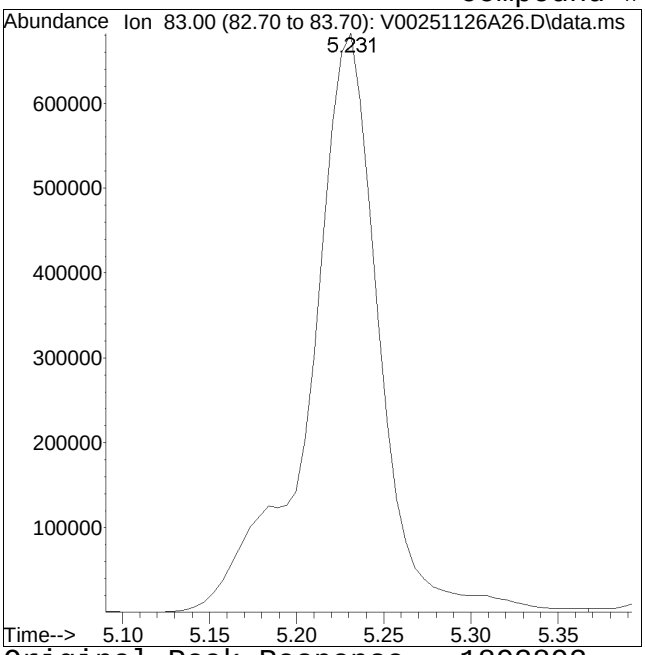
Original Peak Response = 239121 Manual Peak Response = 374862 M3

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

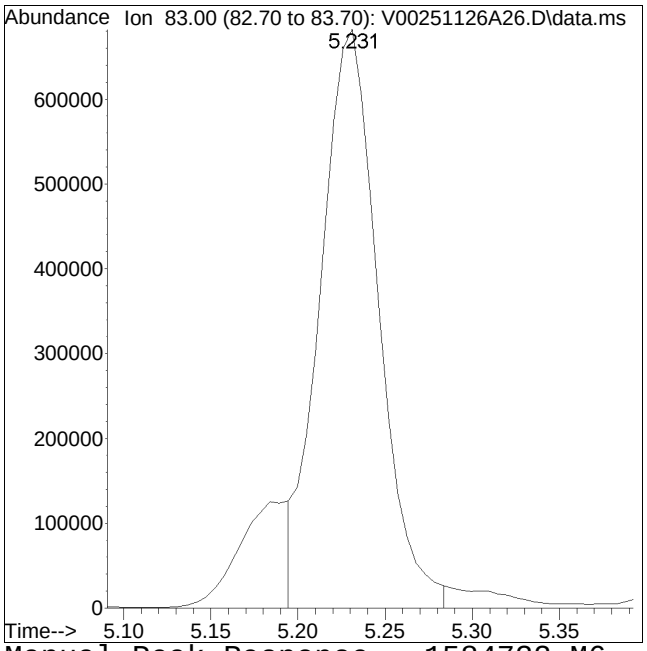
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A26.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 5:24 pm Instrument : VOA100
Sample : WG2146952-7,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #33: Chloroform



Original Peak Response = 1893893



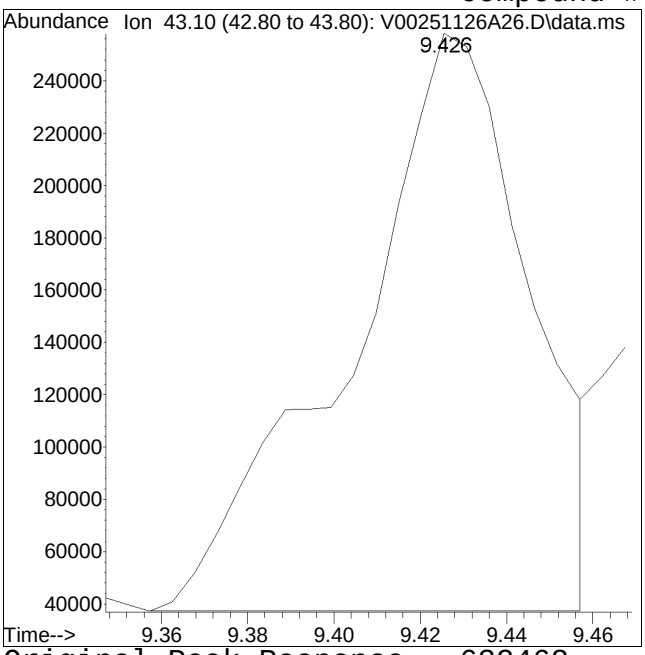
Manual Peak Response = 1584732 M6

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

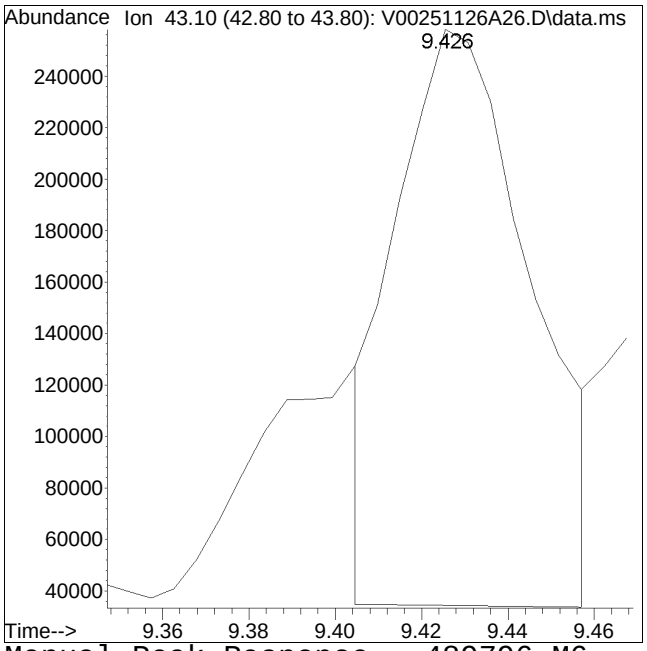
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A26.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 5:24 pm Instrument : VOA100
Sample : WG2146952-7,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #73: 2-Hexanone



Original Peak Response = 632462



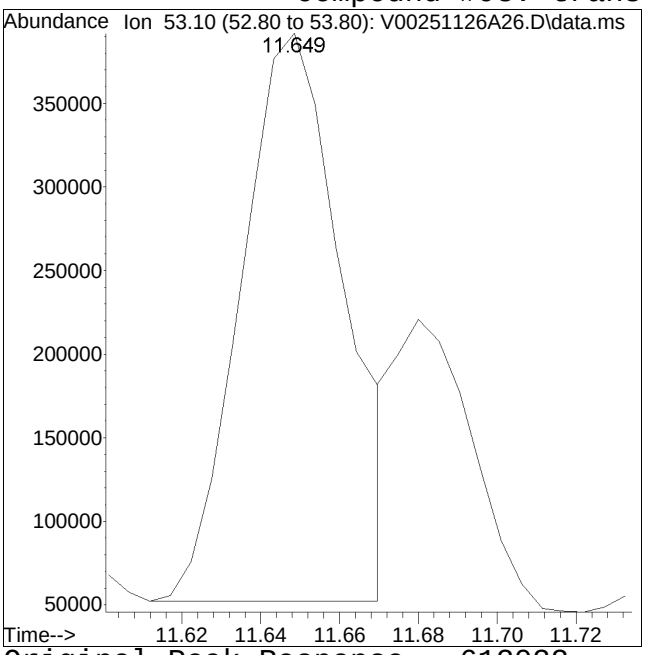
Manual Peak Response = 489796 M6

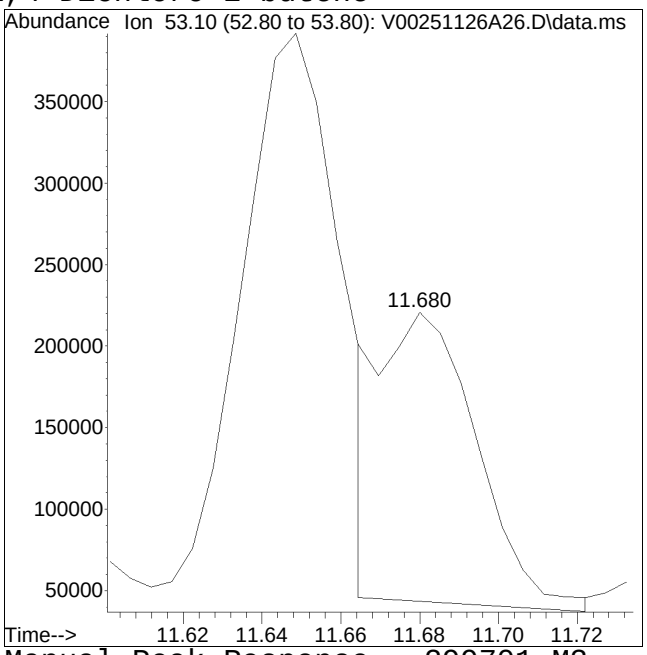
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A26.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 5:24 pm Instrument : VOA100
Sample : WG2146952-7,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #93: trans-1,4-Dichloro-2-butene





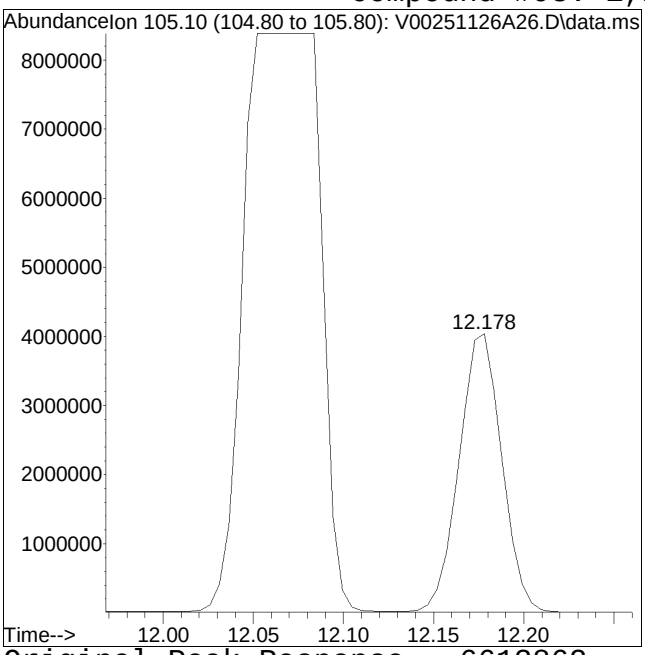
Original Peak Response = 612022 Manual Peak Response = 299701 M3

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

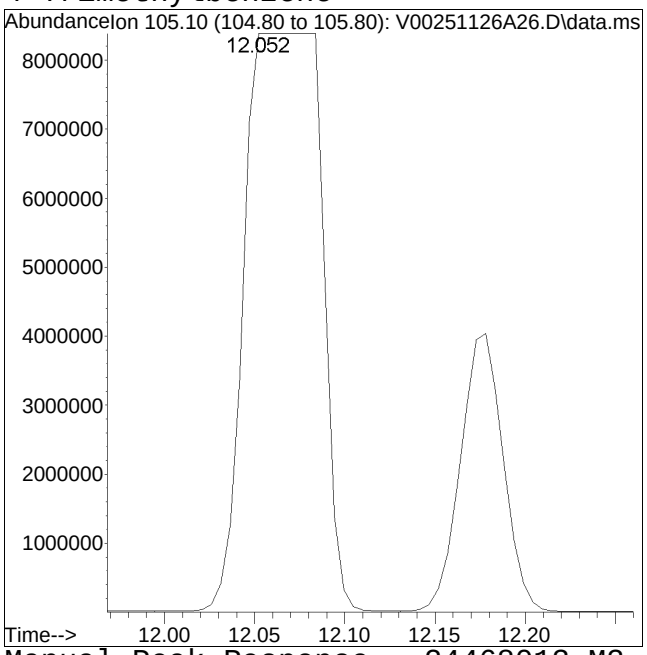
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A26.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 5:24 pm Instrument : VOA100
Sample : WG2146952-7,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #98: 1,2,4-Trimethylbenzene



Original Peak Response = 6613862



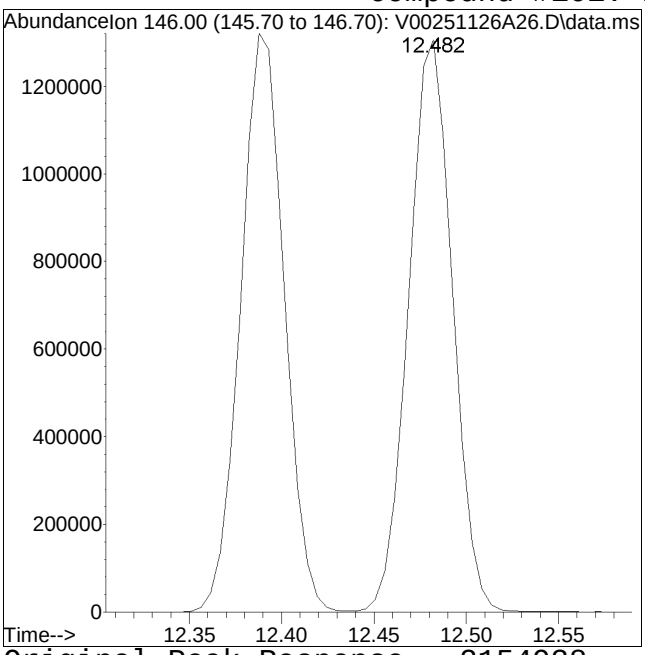
Manual Peak Response = 24468013 M3

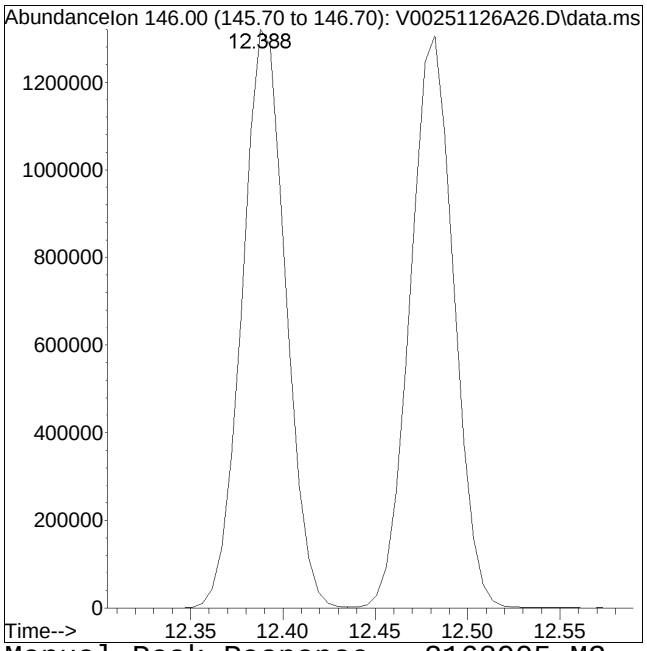
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A26.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 5:24 pm Instrument : VOA100
Sample : WG2146952-7,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #101: 1,3-Dichlorobenzene





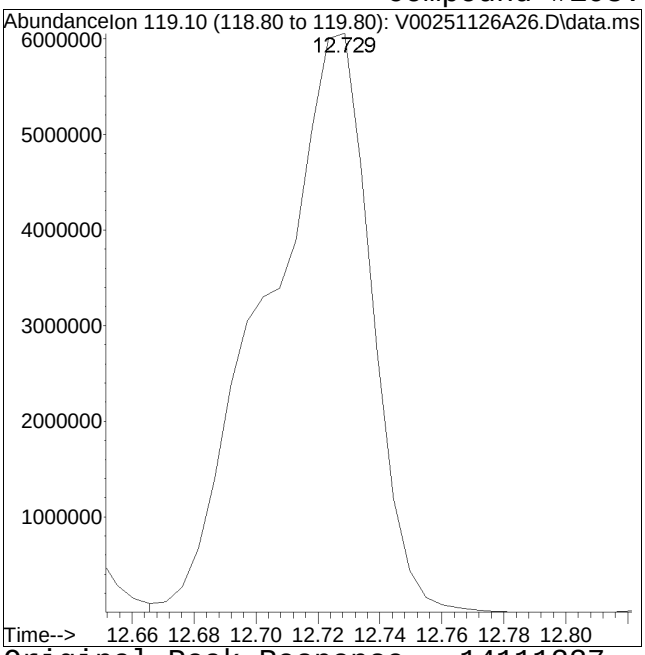
Original Peak Response = 2154938 Manual Peak Response = 2168005 M3

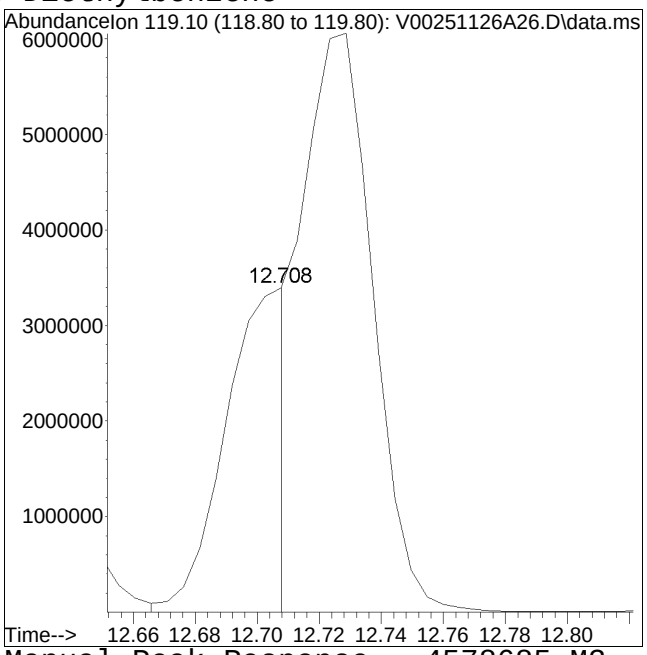
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A26.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 5:24 pm Instrument : VOA100
Sample : WG2146952-7,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #103: p-Diethylbenzene



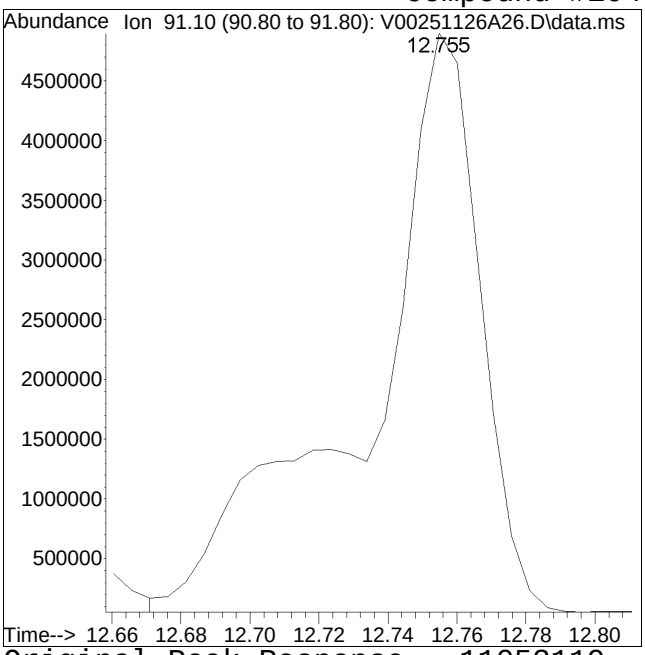


Original Peak Response = 14111237 Manual Peak Response = 4578685 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

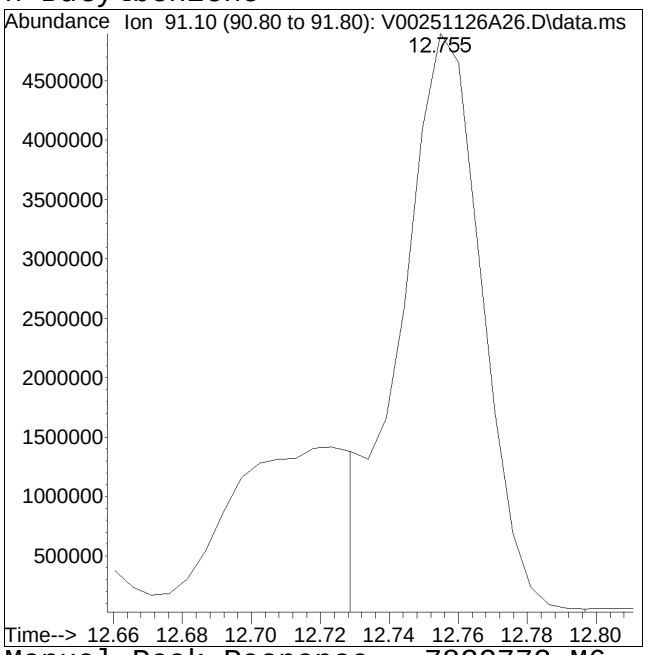
Manual Integration Report

Data Path : K:\VOA100\2025\251126A\ QMethod : V100_251024A_8260.m
Data File : V00251126A26.D Operator : VOA100:AJK
Date Inj'd : 11/26/2025 5:24 pm Instrument : VOA100
Sample : WG2146952-7,31H,5.55,5,0.1Quant Date : 11/28/2025 8:02 am

Compound #104: n-Butylbenzene



Original Peak Response = 11053119



Manual Peak Response = 7832773 M6

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

Calculation of Volatile Organic Compounds

Aqueous Concentration Formula: Amt * DF * Uf * (1/Vo)

Where:
DF = Dilution Factor
Vo = Sample Volume Purged (mL)
Uf = ng Unit Correction Factor (mL)

Soil Concentration Formula: Amt * DF * (1/Wt)

Where:
DF = Dilution Factor
Wt = Weight of Sample (g)

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Dec 08 2025, 04:21 pm

Work Group: WG2146922 for Department: 31 GC/MS - Volatiles

Created: 26-NOV-25 Due: Operator: MNF

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2574258-03	PDI-1_48-50_20251120	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	2F	8260SET
L2574258-04	DUP-01_20251120	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	2F	8260SET
L2574400-01	TP13C_3-5	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	S0	8260SET
L2574400-05	TP32B_2-4	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	S0	8260SET
L2574400-43	TP35A_1-3	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	S0	8260SET
L2574770-01	EPSW_04_8	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1125	1A	8260SET
L2574770-02	EPSW_05_8	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1125	1A	8260SET
L2574770-03	EPSW_06_8	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1125	1A	8260SET
L2574770-04	EPSW_07_8	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1125	1A	8260SET
WG2146922-1	MS BFB Tune Standard	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2146922-2	Continuing Calibrati	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2146922-3	Laboratory Control S	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2146922-4	LCS Duplicate	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2146922-5	Laboratory Method Bl	S	NYTCL-8260HLW	SOIL	DONE	U				

Comments:

WG2146922-4 WG2146922-3

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Dec 08 2025, 04:21 pm

Work Group: WG2146952 for Department: 31 GC/MS - Volatiles

Created: 26-NOV-25 Due: Operator: MNF

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2574258-05	PDI-1_53-55_20251120	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	2F	8260SET
L2574258-11	PDI-5_53-55_20251120	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	2F	8260SET
L2574770-05	EPSW_11_5	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1125	1A	8260SET
L2574770-06	EPSW_12_5	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1125	1A	8260SET
L2574770-07	EPSW_13_5	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1125	1A	8260SET
L2574770-08	EPB_02_5	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1125	1A	8260SET
L2574770-09	DUP_112125	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1125	1A	8260SET
WG2146952-1	MS BFB Tune Standard	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2146952-2	Continuing Calibrati	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2146952-3	Laboratory Control S	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2146952-4	LCS Duplicate	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2146952-5	Laboratory Method Bl	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2146952-6	Matrix Spike	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2146952-7	Matrix Spike Duplica	S	NYTCL-8260HLW	SOIL	DONE	U				

Comments:

WG2146952-4	WG2146952-3
WG2146952-6	L2574258-05
WG2146952-7	L2574258-05

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Dec 08 2025, 04:21 pm

Work Group: WG2147003 for Department: 31 GC/MS - Volatiles

Created: 26-NOV-25 Due: Operator: jic

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2574258-01	TRIP BLANK_20251120	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	2F	8260SET
L2574258-06	PDI-1_58-60_20251120	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	2F	8260SET
L2574258-07	PDI-1_63-65_20251120	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	2F	8260SET
L2574258-13	PDI-5_63-65_20251120	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	2F	8260SET
L2574400-02	TP13C_6-8	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	S0	8260SET
L2574400-06	TP32B_6-8	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	S0	8260SET
L2574400-09	TP33C_1-3	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	S0	8260SET
L2574400-41	TP34C_3-5	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	S0	8260SET
L2574400-45	TP36A_3-5	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	S0	8260SET
L2574400-58	WCTB02_112025	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	S0	8260SET
WG2147003-1	MS BFB Tune Standard	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2147003-2	Continuing Calibrati	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2147003-3	Laboratory Control S	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2147003-4	LCS Duplicate	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2147003-5	Laboratory Method Bl	S	NYTCL-8260HLW	SOIL	DONE	U				

Comments:

WG2147003-4 WG2147003-3

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Dec 08 2025, 04:21 pm

Work Group: WG2147004 for Department: 31 GC/MS - Volatiles

Created: 26-NOV-25 Due: Operator: jic

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2574258-01	TRIP BLANK_20251120	S	NYTCL-8260H	SOIL	DONE	U	1204	1203	2F	Vial-F
L2574258-04	DUP-01_20251120	S	NYTCL-8260H	SOIL	DONE	U	1204	1203	2F	Vial-F
WG2147004-1	MS BFB Tune Standard	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2147004-1	MS BFB Tune Standard	S	NYTCL-8260H	SOIL	DONE	U				
WG2147004-2	Continuing Calibrati	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2147004-2	Continuing Calibrati	S	NYTCL-8260H	SOIL	DONE	U				
WG2147004-3	Laboratory Control S	S	NYTCL-8260H	SOIL	DACQ	U				
WG2147004-3	Laboratory Control S	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2147004-4	LCS Duplicate	S	NYTCL-8260H	SOIL	DACQ	U				
WG2147004-4	LCS Duplicate	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2147004-5	Laboratory Method Bl	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2147004-5	Laboratory Method Bl	S	NYTCL-8260H	SOIL	DACQ	U				

Comments:

WG2147004-4 WG2147004-3

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Dec 08 2025, 04:21 pm

Work Group: WG2147438 for Department: 31 GC/MS - Volatiles

Created: 29-NOV-25 Due: Operator: kab

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2573880-03	PY-MW-4S-251118	S	NYTCL-8260-BTEX	WATER	DONE	U	1202	1205	S0	Vial-B
L2574258-02	FIELD BLANK_20251120	S	NYTCL-8260	WATER	DONE	U	1204	1203	2F	Vial-B
L2574359-02	FB_20251120	S	NYTCL-8260	WATER	DONE	U	1204	1203	S0	Vial-B
WG2147438-1	MS BFB Tune Standard	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2147438-1	MS BFB Tune Standard	S	NYTCL-8260	WATER	DONE	U				
WG2147438-1	MS BFB Tune Standard	S	NYTCL-8260-BTEX	WATER	DONE	U				
WG2147438-2	Continuing Calibrati	S	NYTCL-8260-BTEX	WATER	DONE	U				
WG2147438-2	Continuing Calibrati	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2147438-2	Continuing Calibrati	S	NYTCL-8260	WATER	DONE	U				
WG2147438-3	Laboratory Control S	S	NYTCL-8260-BTEX	WATER	DONE	U				
WG2147438-3	Laboratory Control S	S	NYTCL-8260	WATER	DACQ	U				
WG2147438-3	Laboratory Control S	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2147438-4	LCS Duplicate	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2147438-4	LCS Duplicate	S	NYTCL-8260-BTEX	WATER	DONE	U				
WG2147438-4	LCS Duplicate	S	NYTCL-8260	WATER	DACQ	U				
WG2147438-5	Laboratory Method Bl	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2147438-5	Laboratory Method Bl	S	NYTCL-8260-BTEX	WATER	DONE	U				
WG2147438-5	Laboratory Method Bl	S	NYTCL-8260	WATER	DACQ	U				

Comments:

WG2147438-4 WG2147438-3

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Dec 08 2025, 04:21 pm

Work Group: WG2148010 for Department: 31 GC/MS - Volatiles

Created: 01-DEC-25 Due: Operator: jic

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2574258-12	PDI-5_58-60_20251120	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	2F	8260SET
L2575011-03	T8-6	S	NYTCL-8260H	SOIL	DONE	U	1205	1203	5F	Vial-F
L2575012-01	T6-7	C	NYTCL-8260HLW	SOIL	DONE	U	1205	1203	5F	8260SET
WG2148010-1	MS BFB Tune Standard	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2148010-1	MS BFB Tune Standard	S	NYTCL-8260H	SOIL	DONE	U				
WG2148010-2	Continuing Calibrati	S	NYTCL-8260H	SOIL	DONE	U				
WG2148010-2	Continuing Calibrati	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2148010-3	Laboratory Control S	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2148010-3	Laboratory Control S	S	NYTCL-8260H	SOIL	DONE	U				
WG2148010-4	LCS Duplicate	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2148010-4	LCS Duplicate	S	NYTCL-8260H	SOIL	DONE	U				
WG2148010-5	Laboratory Method Bl	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2148010-5	Laboratory Method Bl	S	NYTCL-8260H	SOIL	DONE	U				

Comments:

WG2148010-4 WG2148010-3

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Dec 08 2025, 04:21 pm

Work Group: WG2148464 for Department: 31 GC/MS - Volatiles

Created: 02-DEC-25 Due: Operator: jic

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2574003-02	SB-15 (20'-22')	S	NYTCL-8260HLW	SOIL	DONE	U	1203	1205	S0	8260SET
L2574003-04	TRIP BLANK	S	NYTCL-8260HLW	SOIL	DONE	U	1203	1205	S0	8260SET
L2574258-10	PDI-5_48-50_20251120	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	2F	8260SET
WG2148464-1	MS BFB Tune Standard	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2148464-2	Continuing Calibrati	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2148464-3	Laboratory Control S	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2148464-4	LCS Duplicate	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2148464-5	Laboratory Method Bl	S	NYTCL-8260HLW	SOIL	DONE	U				

Comments:

WG2148464-4 WG2148464-3

Inst: VOA110 BFB: V11383 Method GC: 8260SOIL

nitials: AJK IS/SS: V11400 Autosampler: 8260SOIL

Date: 09/15/25 ICAL: V11405D,V11412 Concentrator: 8260

Run: **A** ICV: V11407,V11408,V11373,V11385,V11409,V11410 QC:_____ Seq:_____

Vial	Data File	Sample
1	V10250915BFB1	BFB
1	V10250915A01	BLK
2	V10250915A02	BLK
3	V10250915A03	I8260STD0.5PPB
4	V10250915A04	I8260STD0.5PPB
5	V10250915A05	I8260STD1PPB
6	V10250915A06	I8260STD1PPB
7	V10250915A07	I8260STD2PPB
8	V10250915A08	I8260STD4PPB
9	V10250915A09	I8260STD4PPB
10	V10250915A10	I8260STD20PPB
11	V10250915A11	I8260STD40PPB
12	V10250915A12	I8260STD100PPB
13	V10250915A13	I8260STD200PPB
14	V10250915A14	I8260STD300PPB
15	V10250915A15	BLK
16	V10250915A16	BLK
17	V10250915A17	BLK
18	V10250915A18	C8260STD40PPB
19	V10250915A19	C8260STD40PPB
20	V10250915A20	BLK
21	V10250915A21	BLK
22	V10250915A22	MEOH BLK
23	V10250915A23	LOQ 0.5
24	V10250915A24	LOQ 1
25	V10250915A25	LOQ 4

Inst: VOA100
Initials: JFI
Date: **10/23/25**
Run: **ICAL**

BFB V11498
IS/SS: V11474
ICAL: V11492D,V11494
ICV V11470, V11469, V11427, V11420, V11455, V11454

Method
GC: 8260_
Autosampler: 8260soil
Concentrator: 8260_

QC:_____ Seq:_____

Vial	Data File	SAMPLE
1	V00251023BFB1	BFB
1	V00251023IICAL01	BLK
2	V00251023IICAL02	BLK
3	V00251023IICAL03	I8260STD0.5PPB
4	V00251023IICAL04	I8260STD1.0PPB
5	V00251023IICAL05	I8260STD2.0PPB
6	V00251023IICAL06	I8260STD4.0PPB
7	V00251023IICAL07	I8260STD20PPB
8	V00251023IICAL08	I8260STD40PPB
9	V00251023IICAL09	I8260STD100PPB
10	V00251023IICAL10	I8260STD200PPB
11	V00251023IICAL11	I8260STD300PPB
12	V00251023IICAL12	BLK
13	V00251023IICAL13	BLK
14	V00251023IICAL14	BLK
15	V00251023IICAL15	C8260STD40PPB
16	V00251023IICAL16	C8260STD40PPB
17	V00251023IICAL17	BLK
18	V00251023IICAL18	MEOH BLK
19	V00251023IICAL19	LOQ 0.5PPB
20	V00251023IICAL20	LOQ 1.0PPB
21	V00251023IICAL21	LOQ 4.0PPB

Inst: Gonzo
Initials: PID
Date: **10/24/25**
Run: **A**

BFB: V11498
IS/SS: V11489
ICAL: V11492B,V11499
ICV: V11470,V11469,V11490,V11491,V11455,V11454

Method
GC: 8260_RTX_VMS
Autosampler: 8260water
Concentrator: 8260AA

QC:_____ Seq:_____

Vial	Data File	Sample	Comments	SIM WG	WG	obs	pH
1	VG251024ABF1	BFB TUNE					
1	VG251024A01	BLK					
2	VG251024A02	BLK					
3	VG251024A03	I8260STD0.19PPB					
4	VG251024A04	I8260STD0.19PPB					
5	VG251024A05	I8260STD0.5PPB					
6	VG251024A06	I8260STD0.5PPB					
7	VG251024A07	I8260STD2PPB					
8	VG251024A08	I8260STD2PPB					
9	VG251024A09	I8260STD10PPB					
10	VG251024A10	I8260STD30PPB					
11	VG251024A11	I8260STD80PPB					
12	VG251024A12	I8260STD120PPB					
13	VG251024A13	I8260STD200PPB					
14	VG251024A14	BLK					
15	VG251024A15	BLK					
16	VG251024A16	BLK					
17	VG251024A17	BLK					
18	VG251024A18	C8260STD10PPB					
19	VG251024A19	C8260STD10PPB					
20	VG251024A20	BLK					
21	VG251024A21	BLK					
22	VG251024A22	MDL METHOD BLK					
23	VG251024A23	MDL L1					
24	VG251024A24	MDL L1					
25	VG251024A25	MDL L2					
26	VG251024A26	MDL L2					
27	VG251024A27	BLK					

Inst: VOA123
Initials: RAW
Date: **11/03/25**
Run: **N**

BFB: V11435
IS/SS: V11474
ICAL: V11461E, V11523
ICV: V11470,V11469,V11490,V11491,V11516,V11517

Method
GC: E122111W
Autosampler: 8260water10ml
Concentrator: 8260

QC: _____ Seq: _____

Vial	Data File	Sample	Comments
1	V23251103BFB3	BFB	
1	V23251103BFB4	BFB	
1	V23251103BFB5	BFB	
1	V23251103BFB6	BFB	
1	V23251103N01	BLANK	
2	V23251103N02	BLANK	
3	V23251103N03	I8260STD0.5PPB	
4	V23251103N04	I8260STD0.5PPB	
5	V23251103N05	I8260STD1PPB	
6	V23251103N06	I8260STD1PPB	
7	V23251103N07	I8260STD2PPB	
8	V23251103N08	I8260STD4PPB	
11	V23251103N09	I8260STD20PPB	
12	V23251103N10	I8260STD40PPB	
13	V23251103N11	I8260STD100PPB	
14	V23251103N12	I8260STD200PPB	
15	V23251103N13	I8260STD300PPB	
16	V23251103N14	BLANK	
17	V23251103N15	BLANK	
18	V23251103N16	C8260STD40PPB	
21	V23251103N17	C8260STD40PPB	
22	V23251103N18	BLANK	
23	V23251103N19	BLANK	
24	V23251103N20	MEOH BLANK	
25	V23251103N21	MDL 0.5PPB	
26	V23251103N22	MDL 0.5PPB	
27	V23251103N23	MDL 1PPB	
28	V23251103N24	MDL 1PPB	
29	V23251103N25	MDL 4PPB	DOUBLE PURGE
30	V23251103N26	MDL 4PPB	DOUBLE PURGE
31	V23251103N27	BLANK	DOUBLE PURGE

Inst: VOA129
Initials: JKH
Date: **11/25/25**
Run: **ICAL**

BFB: V11543
IS/SS: V11549
ICAL: V11345E,V11531

Method
GC: 8260
Autosampler: 8260_SOIL
Concentrator: 8260_SOIL

QC: _____ Seq: _____

Vial	Data File	Sample	Comments	WG	OBS
1	V29251125BFB1	BFB			
1	V29251125N01	BLK			
2	V29251125N02	BLK			
3	V29251125N03	I8260STD0.5PPB			
4	V29251125N04	I8260STD0.5PPB			
5	V29251125N05	I8260STD1.0PPB			
6	V29251125N06	I8260STD1.0PPB			
7	V29251125N07	I8260STD2.0PPB			
8	V29251125N08	I8260STD4.0PPB			
9	V29251125N09	I8260STD20PPB			
10	V29251125N10	I8260STD40PPB			
11	V29251125N11	I8260STD100PPB			
12	V29251125N12	I8260STD200PPB			
13	V29251125N13	I8260STD300PPB			
14	V29251125N14	BLK			
15	V29251125N15	BLK			
16	V29251125N16	BLK			
17	V29251125N17	C8260STD40PPB			
18	V29251125N18	C8260STD40PPB			
19	V29251125N19	BLK			
20	V29251125N20	MEOH BLK			
21	V29251125N21	LOQ 0.5PPB			
22	V29251125N22	LOQ 1.0PPB			

Inst: VOA100
Initials: MNF
Date: **11/26/25**
Run: **A**

BFB V11543
IS/SS: V11549
ICAL: V11151E,V11531

Method
GC: 8260_
Autosampler: 8260soil
Concentrator: 8260_
QC:_____ Seq:_____

Vial	Data File	SAMPLE	Comments	WG	OBS
1	V00251126BFB1	BFB			
1	V00251126A01	8260 LCS			
2	V00251126A02	8260 LCS			
3	V00251126A03	8260 LCS			
4	V00251126A04	BLK			
5	V00251126A05	MEOH BLK			
6	V00251126A06	L2574770-04,31,4.57,5,,B,35.37,40.44,0.50	NYHLW LG*		
7	V00251126A07	L2574770-03,31,5.65,5,,B,35.10,41.25,0.50	NYHLW LG*		
8	V00251126A08	L2574770-02,31,5.37,5,,B,35.33,41.20,0.50	NYHLW LG*		
9	V00251126A09	L2574770-01,31,5.62,5,,C,35.56,41.68,0.50	NYHLW LG*		
10	V00251126A10	L2574770-07,31H,3.19,5,0.100,,A,33.94,37.63,0.50	*NY/H LG		
11	V00251126A11	L2574770-08,31H,3.83,5,0.100,,A,33.32,37.65,0.50	*NY/H LG		
12	V00251126A12	L2574770-06,31H,3.17,5,0.100,,A,33.68,37.35,0.50	*NY/H LG		
13	V00251126A13	L2574770-09,31H,4.00,5,0.100,,A,33.77,38.27,0.50	*NY/H LG		
14	V00251126A14	l2574770-05R,31h,3.00,5,0.100,,a,33.22,36.72,0.50	*NY/H LG		
15	V00251126A15	DSTD			
16	V00251126A16	L2574400-01,31,4.25,5,,C,32.34,36.84,0.25	NYHLW LG^		
17	V00251126A17	L2574400-05,31,5.55,5,,C,32.30,38.10,0.25	NYHLW LG		
18	V00251126A18	L2574400-43,31,4.65,5,,C,32.41,37.31,0.25	NYHLW LG		
19	V00251126A19	L2574258-03,31,5.97,5,,B,31.93,38.15,0.25	NYHLW*		
20	V00251126A20	L2574258-04,31,5.75,5,,B,32.39,38.39,0.25	NYHLW*		
21	V00251126A21	L2574258-11,31H,5.97,5,0.100,,A,29.32,35.79,0.50	NY/H		
22	V00251126A22	L2574258-13,31H,5.18,5,0.100,,A,29.55,35.23,0.50	NY/H		
23	V00251126A23	L2574258-05,31H,5.55,5,0.100,,A,29.81,35.86,0.50	NY/H		
24	V00251126A24	L2574258-05D,31H,5.55,5,0.02,,A,29.81,35.86,0.50	NY/H		
25	V00251126A25	L2574258-05,31H,5.55,5,0.100,,A,29.81,35.86,0.50	NY/H		
26	V00251126A26	L2574258-05,31H,5.55,5,0.100,,A,29.81,35.86,0.50	NY/H		

Inst: VOA100
Initials: MNF
Date: **11/25/25**
Run: **B**

BFB V11543
IS/SS: V11549
ICAL: V11151E,V11531

Method
GC: 8260_
Autosampler: 8260soil
Concentrator: 8260_

QC:_____ Seq:_____

Vial	Data File	SAMPLE	Comments	WG	OBS
1	V00251125BFB1	BFB			
1	V00251125B01	8260 LCS			
2	V00251125B02	8260 LCS			
3	V00251125B03	8260 LCS			
4	V00251125B04	BLK			
5	V00251125B05	MEOH BLK			
6	V00251125B06	L2573356-01,31,5.66,5,,Z	PALW		
7	V00251125B07	L2573356-02,31,5.91,5,,Y	PALW		
8	V00251125B08	L2573356-03,31,4.83,5,,Y	PALW		
9	V00251125B09	L2573356-04,31,4.46,5,,Y	PALW		
10	V00251125B10	L2573386-01,31,6.21,5,,T	NYHLW R2		
11	V00251125B11	L2575022-05,31,5.26,5,,Z	NYHLW R2		
12	V00251125B12	L2575022-04,31,6.42,5,,Z	NYHLW R2		
13	V00251125B13	L2575022-03,31,4.96,5,,Y	NYHLW R2		
14	V00251125B14	L2575022-01,31,4.53,5,,Z	NYHLW R2		
15	V00251125B15	L2575022-02,31,6.11,5,,Y	NYHLW R2		
16	V00251125B16	L2574770-01,31H,5.39,5,0.100,,A,33.77,39.66,0.50	NY/H LG		
17	V00251125B17	L2574770-03,31H,5.25,5,0.100,,A,33.54,39.29,0.50	NY/H LG		
18	V00251125B18	L2574770-04,31H,4.35,5,0.100,,A,33.45,38.30,0.50	NY/H LG		
19	V00251125B19	L2574770-05,31H,3.00,5,0.100,,A,33.22,36.72,0.50	NY/H LG		
20	V00251125B20	L2574770-07D,31H,3.19,5,0.025,,A,33.94,37.63,0.50	NY/H LG		
21	V00251125B21	L2574770-08D,31H,3.83,5,0.025,,A,33.32,37.65,0.50	NY/H LG		
22	V00251125B22	L2574770-06D,31H,3.17,5,0.01,,A,33.68,37.35,0.50	NY/H LG		
23	V00251125B23	L2574770-09D,31H,4.00,5,0.05,,A,33.77,38.27,0.50	NY/H LG		
24	V00251125B24	L2574770-02D,31H,5.76,5,0.02,,A,33.05,39.31,0.50	NY/H LG		
25	V00251125B25	STD			

Inst: VOA110 BFB: V11543 Method GC: 8260SOIL

nitials: JFI IS/SS: V11549 Autosampler: 8260SOIL

Date: 11/25/25 ICAL: V11534D,V11550 Concentrator: 8260

Run: **A** QC:_____ Seq:_____

Vial	Data File	Sample	Comments	WG	OBS
1	V10251125BFB1	BFB			
1	V10251125C01	8260 LCS			
2	V10251125C02	8260 LCS			
3	V10251125C03	BLK			
4	V10251125C04	MEOH BLK			
5	V10251125C05	L2574258-01,31,5.0,5,,B	NY HLW		TB
6	V10251125C06	L2574400-58B,31,5.0,5,,	NYHLW CURVE		TB
7	V10251125C07	L2574258-06,31,5.71,5,,B,32.36,38.32,0.25	NY HLW		
8	V10251125C08	L2574258-07,31,5.43,5,,B,32.29,37.97,0.25	NY HLW		
9	V10251125C09	L2574258-13,31,5.05,5,,B,31.98,37.28,0.25	NY HLW		
10	V10251125C10	L2574400-01,31,4.19,5,,B,32.19,36.88,0.50	NYHLW CURVE		
11	V10251125C11	L2574400-02,31,6.06,5,,B,32.27,38.83,0.50	NYHLW CURVE		
12	V10251125C12	L2574400-06,31,4.51,5,,B,32.00,37.01,0.50	NYHLW CURVE		
13	V10251125C13	L2574400-09,31,4.70,5,,B,32.39,37.59,0.50	NYHLW CURVE		
14	V10251125C14	L2574400-41,31,6.71,5,,B,32.10,39.31,0.50	NYHLW CURVE		
15	V10251125C15	L2574400-43,31,5.16,5,,B,32.44,38.10,0.50	NYHLW CURVE		
16	V10251125C16	L2574400-45,31,4.90,5,,B,32.20,37.60,0.50	NYHLW CURVE		
17	V10251125C17	L2574400-05,31,5.49,5,,B,32.27,38.26,0.50	NYHLW CURVE		
18	V10251125C18	L2574258-01,31H,5,5,0.100,,A	NY/HIGH		TB
19	V10251125C19	L2574258-03,31H,5.98,5,0.100,,A,29.46,35.94,0.50	NY/H		
20	V10251125C20	L2574258-04,31H,5.65,5,0.100,,A,29.66,35.81,0.50	NY/H		
21	V10251125C21	L2574258-04,31H,5.65,5,0.100,,A,29.66,35.81,0.50	NY/H		
22	V10251125C22	L2574258-11,31H,5.97,5,0.100,,A,29.32,35.79,0.50	NY/H		
23	V10251125C23	L2574258-11,31H,5.97,5,0.100,,A,29.32,35.79,0.50	NY/H		
24	V10251125C24	L2574258-05D,31H,5.55,5,0.01,,A,29.81,35.86,0.50	NY/H		
25	V10251125C25	L2574258-05DMS,31H,5.55,5,0.01,,A,29.81,35.86,0.50	NY/H		
26	V10251125C26	L2574258-05DMSD,31H,5.55,5,0.01,,A,29.81,35.86,0.50	NY/H		

Inst: VOA110 BFB: V11543
nitials: JFI/MNF IS/SS: V11549
Date: 11/26/25 ICAL: V11534D,V11550
Run: **A**

Method
GC: 8260SOIL
Autosampler: 8260SOIL
Concentrator: 8260

QC: _____ Seq: _____

Vial	Data File	Sample	Comments	WG	OBS
1	V10251126BFB1	BFB			
1	V10251126A01	8260 LCS			
2	V10251126A02	8260 LCS			
3	V10251126A03	8260 LCS			
4	V10251126A04	BLK			
5	V10251126A05	MEOH BLK			
6	V10251126A06	L2575022-01R,31,5.73,5,,Y	NYHWL R2		
7	V10251126A07	L2575022-02R,31,6.71,5,,Z	NYHWL R2		
8	V10251126A08	L2575022-05R,31,5.47,5,,Y	NYHWL R2		
9	V10251126A09	L2573888-02,31,4.52,5,,B,32.20,37.22,0.50	NYHLW LG		
10	V10251126A10	L2573888-45,31,5.48,5,,C,32.19,38.17,0.50	NYHLW LG		
11	V10251126A11	L2572796-01,31H,3.37,5,0.100,,A,29.79,33.66,0.50	NY/HIGH R2		
12	V10251126A12	DSTD			
13	V10251126A13	L2574749-01,31,5.94,5,,T	NYHWL R2		
14	V10251126A14	L2570789-02,31,3.26,5,,B,32.66,36.42,0.50	NJHLW		
15	V10251126A15	L2570789-03,31,3.25,5,,B,32.03,35.78,0.50	NJHLW		
16	V10251126A16	L2574138-01,31,5.66,5,,B,32.49,38.65,0.50	NJHLW		
17	V10251126A17	L2574138-02,31,4.20,5,,B,32.38,37.08,0.50	NJHLW		
18	V10251126A18	L2574138-03,31,5.38,5,,B,32.12,38.00,0.50	NJHLW		
19	V10251126A19	L2574138-04,31,4.49,5,,B,32.02,36.76,0.25	NJHLW		
20	V10251126A20	L2573400-01,31,3.39,5,,B,32.05,35.94,0.50	NJHLW		
21	V10251126A21	L2573400-03,31,5.66,5,,B,32.16,38.32,0.50	NJHLW		
22	V10251126A22	L2573400-05,31,3.97,5,,B,32.05,36.52,0.50	NJHLW		
23	V10251126A23	L2573400-07,31,3.82,5,,B,32.01,36.33,0.50	NJHLW		
24	V10251126A24	L2574851-01,31,5.59,5,,B,31.81,37.90,0.50	NJHLW		
25	V10251126A25	L2574851-02,31,4.55,5,,B,31.82,36.87,0.50	NJHLW		
26	V10251126A26	L2574851-05,31,4.96,5,,B,31.98,37.44,0.50	NJHLW		
27	V10251126A27	STD			

Inst: Gonzo
Initials: MJV
Date: **11/27/25**
Run: **A**

BFB: V11543
IS/SS: V11547
ICAL: V11534C,V11559

Method
GC: 8260_RTX_VMS
Autosampler: 8260water
Concentrator: 8260AA

QC:_____ Seq:_____

Vial	Data File	Sample		Comments	SIM WG	WG	obs	pH
1	VG251127ABF1	BFB TUNE	03:56					
1	VG251127A01	8260 CCAL	LCS					
2	VG251127A02	8260 CCAL	LCSD					
3	VG251127A03	8260 CCAL						
4	VG251127A04	BLK						
5	VG251127A05	METHOD BLK						
6	VG251127A06	I2574126-03,31,10,10,,c	8260/DIOX					pH<2
7	VG251127A07	I2574126-05,31,10,10,,c	8260/DIOX					pH<2
8	VG251127A08	I2574126-06,31,10,10,,b	8260/DIOX				TB	pH<2
9	VG251127A09	I2575871-01,31,10,10,,a	8260					pH<2
10	VG251127A10	I2575871-02,31,10,10,,a	8260					pH<2
11	VG251127A11	I2575871-03,31,10,10,,a	8260					pH<2
12	VG251127A12	I2575871-04,31,10,10,,a	8260					pH<2
13	VG251127A13	I2575871-07,31,10,10,,a	8260					pH<2
14	VG251127A14	L2575871-09d,31,1.0,10,,A	8260					pH<2
15	VG251127A15	L2575871-13d,31,5.0,10,,A	8260					pH<2
16	VG251127A16	I2575871-10,31,10,10,,a	8260					pH<2
17	VG251127A17	I2575871-11,31,10,10,,a	8260					pH<2
18	VG251127A18	I2575871-12,31,10,10,,a	8260					pH<2
19	VG251127A19	I2575871-14,31,10,10,,a	8260					pH<2
20	VG251127A20	I2573015-08R,31,10,10,,b	8260CURVE/IM				COMP VIAL	pH<2
21	VG251127A21	I2573015-05R,31,10,10,,b	8260CURVE/IM				COMP VIAL	pH<2
22	VG251127A22	I2574258-02,31,10,10,,a	NYTCL				FB	pH<2
23	VG251127A23	I2574359-02,31,10,10,,a	NYTCL				FB	pH<2
24	VG251127A24	L2573045-11d,31,0.2,10,,C	8260/BTEX				OOH	pH<2
25	VG251127A25	L2573880-03d,31,1.0,10,,C	NY/BTEX					pH<2
26	VG251127A26	HBM						
27	VG251127A27	BLK						
28	VG251127A28	BLK						

Inst: VOA123
Initials: AJK
Date: **11/28/25**
Run: **A**

BFB: V11543
IS/SS: V11549
ICAL: V11534D, V11550

Method
GC: E122111W
Autosampler: 8260water10ml
Concentrator: 8260

QC:_____ Seq:_____

Vial	Data File	Sample	Comments	WG	OBS
1	V23251128BFB1	BFB			
1	V23251128A01	8260 LCS			
2	V23251128A02	8260 LCS			
3	V23251128A03	8260 LCS			
4	V23251128A04	BLK			
5	V23251128A05	MEOH BLK			
6	V23251128A06	L2575778-06,31,5.0,5,,B	NYHLW		TB
7	V23251128A07	L2575778-01,31,4.52,5,,B,32.20,36.97,0.25	NYHLW		
8	V23251128A08	L2575778-02,31,4.90,5,,B,32.08,37.23,0.25	NYHLW		
11	V23251128A09	L2575778-03,31,4.57,5,,B,32.17,36.99,0.25	NYHLW		
12	V23251128A10	L2575778-04,31,4.48,5,,B,31.98,36.71,0.25	NYHLW		
13	V23251128A11	L2573269-01,31,7.51,5,,B,36.25,44.26,0.50	NYHLW		
14	V23251128A12	L2573269-02,31,5.83,5,,B,35.95,42.28,0.50	NYHLW		
15	V23251128A13	L2573269-03,31,5.60,5,,B,36.25,42.35,0.50	NYHLW		
16	V23251128A14	L2573269-04,31,6.03,5,,B,35.89,42.42,0.50	NYHLW		
17	V23251128A15	L2573269-05,31,5.98,5,,B,36.09,42.57,0.50	NYHLW		
18	V23251128A16	L2573269-06,31,6.32,5,,B,36.00,42.82,0.50	NYHLW		
21	V23251128A17	L2573269-07,31,5.24,5,,B,36.27,42.01,0.50	NYHLW		
22	V23251128A18	L2573269-08,31,5.73,5,,B,35.98,42.21,0.50	NYHLW		
23	V23251128A19	L2575012-02,31,5.75,5,,B,32.56,38.56,0.25	NYHLW		
24	V23251128A20	L2575012-03,31,6.24,5,,B,32.35,38.84,0.25	NYHLW		
25	V23251128A21	L2575011-02,31,6.49,5,,B,32.85,39.59,0.25	NYHLW		
26	V23251128A22	L2575011-01,31,5.65,5,,B,32.21,38.11,0.25	NYHLW		
27	V23251128A23	L2575011-03,31H,6.18,5,0.100,,A,29.66,36.34,0.50	NY/H		
28	V23251128A24	L2575012-01,31H,4.79,5,0.100,,A,29.31,34.60,0.50	NY/H		
29	V23251128A25	L2574258-12,31H,5.80,5,0.100,,A,29.67,35.97,0.50	NY/H		
30	V23251128A26	STD			
31					

Inst: VOA129
Initials: AJK
Date: **12/01/25**
Run: **A**

BFB: V11543
IS/SS: V11563
ICAL: V11534D,V11531

Method
GC: 8260
Autosampler: 8260_SOIL
Concentrator: 8260_SOIL

QC: _____ Seq: _____

Vial	Data File	Sample	Comments	WG	OBS
1	V29251201BFB1	BFB			
1	V29251201A01	8260 LCS			
2	V29251201A02	8260 LCS			
3	V29251201A03	8260 LCS			
4	V29251201A04	BLK			
5	V29251201A05	MEOH BLK			
6	V29251201A06	L2573454-04,31,5.0,5,,B	NYHLW R2+10		TB
7	V29251201A07	L2573454-01,31,4.06,5,,Y	NYHLW R2+10		
8	V29251201A08	L2574251-01,31,4.22,5,,B,32.08,36.80,0.50	NYHLW R2		
9	V29251201A09	L2574251-02,31,5.56,5,,B,32.48,38.54,0.50	NYHLW R2		
10	V29251201A10	L2573888-02,31,5.84,5,,D	NYHLW R2		
11	V29251201A11	L2573385-01,31H,4.01,5,0.100,,A,30.06,34.57,0.50	NY/HIGH R2		
12	V29251201A12	L2573385-01MS,31H,4.01,5,0.100,,A,30.06,34.57,0.50	NY/HIGH R2		
13	V29251201A13	L2573385-01MSD,31H,4.01,5,0.100,,A,30.06,34.57,0.50	NY/HIGH R2		
14	V29251201A14	DSTD			
15	V29251201A15	L2574251-03,31,3.53,5,,B,32.70,36.73,0.50	NYHLW R2		
16	V29251201A16	L2574251-04,31,4.37,5,,B,32.07,36.94,0.50	NYHLW R2		
17	V29251201A17	L2573439-09R,31,4.39,5,,C,32.36,37.00,0.25	NYHLW R2+10		
18	V29251201A18	L2573812-01,31,5.57,5,,Y	NYHLW PART 375		
19	V29251201A19	L2573815-01,31,4.55,5,,B,32.32,37.37,0.50	NYHLW R2+10		
20	V29251201A20	L2573815-02,31,5.81,5,,B,32.31,38.62,0.50	NYHLW R2+10		
21	V29251201A21	L2574003-04,31H,5.0,5,0.100,,A	NY/H		
22	V29251201A22	L2574003-02,31H,5.66,5,0.100,,A,29.45,35.61,0.50	NY/H		
23	V29251201A23	L2574003-01,31H,5.80,5,0.100,,A,29.90,36.20,0.50	NY/H		
24	V29251201A24	L2574258-10,31H,6.27,5,0.100,,A,29.76,36.53,0.50	NY/H		
25	V29251201A25	L2573653-04,31H,4.58,5,0.100,,A,29.56,34.64,0.50	NY/H R2+10		
26	V29251201A26	STD			

Wet Chemistry

Total Solids / Percent Moisture Analysis

Results

Form 1
WETCHEM

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab ID	: L2574258-03	**Date Collected**	: 11/20/25 11:45
Client ID	: PDI-1_48-50_20251120	**Date Received**	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	**Date Analyzed**	: 11/21/25 12:30
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: ROI
Lab File ID	: WG2144889.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 83
Digestion Method	:	**Date Digested**	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	82.6	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-04	Date Collected	: 11/20/25 00:00
Client ID	: DUP-01_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/21/25 12:30
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2144889.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 88
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	87.6	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-05	Date Collected	: 11/20/25 12:00
Client ID	: PDI-1_53-55_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/21/25 12:30
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2144889.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 88
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	88.4	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab ID	: L2574258-06	**Date Collected**	: 11/20/25 12:10
Client ID	: PDI-1_58-60_20251120	**Date Received**	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	**Date Analyzed**	: 11/21/25 12:30
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: ROI
Lab File ID	: WG2144889.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 89
Digestion Method	:	**Date Digested**	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	88.7	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab ID	: L2574258-07	**Date Collected**	: 11/20/25 12:20
Client ID	: PDI-1_63-65_20251120	**Date Received**	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	**Date Analyzed**	: 11/21/25 12:30
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: ROI
Lab File ID	: WG2144889.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 91
Digestion Method	:	**Date Digested**	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	90.5	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-10	Date Collected	: 11/20/25 13:50
Client ID	: PDI-5_48-50_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/21/25 12:30
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2144889.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 88
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	87.7	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-11	Date Collected	: 11/20/25 14:00
Client ID	: PDI-5_53-55_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/21/25 12:30
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2144889.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 91
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	91.3	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-12	Date Collected	: 11/20/25 14:10
Client ID	: PDI-5_58-60_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/21/25 12:30
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2144889.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 89
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	Results (%)	RL (%)	MDL (%)	Qualifier
NONE	Solids, Total	88.8	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	Lab Number	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391
Lab ID	: L2574258-13	Date Collected	: 11/20/25 14:20
Client ID	: PDI-5_63-65_20251120	Date Received	: 11/20/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/21/25 12:30
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2144889.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 87
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	87.3	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Lab ID	: WG2144889-1	**Date Collected**	: 11/20/25 12:00
Client ID	: PDI-1_53-55_20251120DUP	**Date Received**	: 11/20/25
Sample Location	:	**Date Analyzed**	: 11/21/25 12:30
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: ROI
Lab File ID	: WG2144889.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 88
Digestion Method	:	**Date Digested**	:

CAS NO.	Parameter	% Results	RL	MDL	Qualifier
NONE	Solids, Total	88.8	0.100	NA	

Sample Raw Data

Wet Chemistry Gravimetric ELN

Printed: NOV-21-25 20:22:37

WorkGroup WG2144889
Title Solids, Total
Method SM2540G
Instrumen BALANCE#53

Temp In (C)	104	**Temp In (C)**		**Temp In (C)**		**Temp In (C)**	
Temp Out (C)	104	**Temp Out (C)**		**Temp Out (C)**		**Temp Out (C)**	
Time In	21-NOV-25 12:38	**Time In**		**Time In**		**Time In**	
Time Out	21-NOV-25 20:19	**Time Out**		**Time Out**		**Time Out**	
Location	OVEN11-J	**Location**		**Location**		**Location**	

Sample #	Analysis Date	Analyst	Tare Weight (gm)	Gross Weight (gm)	Net Weight (1) (gm)	Net Weight (2) (gm)	Net Weight (3) (gm)	Net Weight (4) (gm)	Result %	Comment
L2573711-01	21-NOV-25 12:30	ROMANY IBRAHIM	1.19	8.59	3.08				25.54	
L2574038-01	21-NOV-25 12:30	ROMANY IBRAHIM	1.19	8.18	7.65				92.42	
L2574060-01	21-NOV-25 12:30	ROMANY IBRAHIM	1.18	8.02	6.93				84.06	
L2574060-02	21-NOV-25 12:30	ROMANY IBRAHIM	1.19	8.94	8.2				90.45	
L2574121-01	21-NOV-25 12:30	ROMANY IBRAHIM	1.19	8.19	7.62				91.86	
L2574121-02	21-NOV-25 12:30	ROMANY IBRAHIM	1.19	8.24	7.52				89.79	
L2574121-03	21-NOV-25 12:30	ROMANY IBRAHIM	1.19	7.82	7.15				89.89	
L2574121-05	21-NOV-25 12:30	ROMANY IBRAHIM	1.2	8.91	8.18				90.53	
L2574258-03	21-NOV-25 12:30	ROMANY IBRAHIM	1.19	9.7	8.22				82.61	
L2574258-04	21-NOV-25 12:30	ROMANY IBRAHIM	1.16	9.07	8.09				87.61	
L2574258-05	21-NOV-25 12:30	ROMANY IBRAHIM	1.22	8.47	7.63				88.41	
L2574258-06	21-NOV-25 12:30	ROMANY IBRAHIM	1.18	8.73	7.88				88.74	
L2574258-07	21-NOV-25 12:30	ROMANY IBRAHIM	1.19	8.42	7.73				90.46	
L2574258-10	21-NOV-25 12:30	ROMANY IBRAHIM	1.17	8.97	8.01				87.69	
L2574258-11	21-NOV-25 12:30	ROMANY IBRAHIM	1.18	9.6	8.87				91.33	
L2574258-12	21-NOV-25 12:30	ROMANY IBRAHIM	1.17	8.31	7.51				88.80	
L2574258-13	21-NOV-25 12:30	ROMANY IBRAHIM	1.21	8.63	7.69				87.33	
L2574353-01	21-NOV-25 12:30	ROMANY IBRAHIM	1.2	8.55	7.98				92.24	
L2574391-01	21-NOV-25 12:30	ROMANY IBRAHIM	1.23	8.74	7.82				87.75	
L2574391-02	21-NOV-25 12:30	ROMANY IBRAHIM	1.22	9.33	7.95				82.98	
WG2144889-1	21-NOV-25 12:30	ROMANY IBRAHIM	1.22	8.91	8.05				88.82	

Quality Control

Form 6
Lab Duplicates

Client	: Haley & Aldrich	**Lab Number**	: L2574258
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391
Client Sample ID	: PDI-1_53-55_20251120	**Matrix**	: SLUDGE
Lab Sample ID	: L2574258-05	**Analysis Date**	: 11/21/25 12:30
Dup Sample ID	: WG2144889-1	**DUP Analysis Date**	: 11/21/25 12:30

Parameter	Sample Concentration (%)	Duplicate Concentration (%)	RPD	RPD Limit
Solids, Total	88.4	88.8	0	10

Subcontracted Data

Client:	Pace Analytical Service				
Project:	L2574258				
Location:	---			Project No:	GTX-322240
Boring ID:	L2574258-08	Sample Type:	Unspecified	Tested By:	ajl
Sample ID:	PDI-1_50-52_20251120	Test Date:	12/08/25	Checked By:	ank
Depth :	---	Test Id:	845951		
Test Comment:	---				
Visual Description:	Moist, grayish brown sand				
Sample Comment:	---				

Specific Gravity of Soils by ASTM D854

Boring ID	Sample ID	Depth	Visual Description	Specific Gravity
L2574258-08	PDI-1_50-52_20251120	---	Moist, grayish brown sand	2.69

Notes: Specific Gravity performed by using method B (oven dried specimens) of ASTM D854
Moisture Content determined by ASTM D2216.

printed 12/9/2025 11:09:20 AM

Client:	Pace Analytical Service				
Project:	L2574258				
Location:	---			Project No:	GTX-322240
Boring ID:	L2574258-08	Sample Type:	Unspecified	Tested By:	ajl
Sample ID:	PDI-1_50-52_20251120	Test Date:	12/09/25	Checked By:	ank
Depth :	---	Test Id:	845952		
Test Comment:	---				
Visual Description:	Moist, grayish brown sand				
Sample Comment:	---				

Laboratory Determination of Density (Unit Weight) of Soil Specimens by ASTM D7263

Boring ID	Sample ID	Depth	Visual Description	Bulk Density pcf	Moisture Content %	Dry Density pcf
L2574258-08	PDI-1 50-52_20251120	---	Moist, grayish brown sand	134.6	17.50	114.5

* Sample Comments

(1): Method B-Volumetric, Reconstituted (compacted)

Notes: Moisture Content determined by ASTM D2216.

printed 12/9/2025 11:07:37 AM

Client:	Pace Analytical Service
Project Name:	L2574258
Project Location:	---
GTX #:	322240
Test Date:	12/09/25
Tested By:	ajl
Checked By:	ank

Bulk Density of Soil by - ASTM D7263 with Porosity and Void Ratio Determinations

Boring ID	Sample ID	Depth, ft	Visual Description	Bulk Density, lb/ft^3	Moisture Content, %	Dry Density, lb/ft^3	Specific Gravity @ 20^o C	Porosity	Void Ratio
L2574258-08	PDI-1_50-52_20251120	---	Moist, grayish brown sand	134.6	17.50	114.50	2.69	0.32	0.47

Notes: Density determined on reconstituted samples using Method B-Volumetric of ASTM D7263.
Specific gravity of material determined by using method B (oven dried specimens) of ASTM D854.
Moisture Content determined by ASTM D2216

December 12, 2025

Mr. Marty Vitanza
Pace Analytical Labs
Eight Walkup Drive
Westborough, MA 01581

RE: Soil Oxidant Demand Test Results
Client ID: L2574258
PRIMA ID: Pace – 11252025 - 4258

Dear Mr. Vitanza:

This letter report describes the results of sodium persulfate (SP) soil oxidant demand (SOD) tests conducted by PRIMA Environmental, Inc. At the request of Pace, the SP was not activated and was measured at 72 hours. Methods and results are presented in this letter report.

Sample Receipt and Preparation. One soil sample (L2474258 / PDI-1_52-54_20251120) was received on November 25, 2025. It stored at 4°C until needed and brought to room temperature prior to use.

Procedures. Three bottles containing a 1:1 ratio of soil to SP solution were prepared. Each bottle contained a different initial concentration of sodium persulfate (SP). Bottles were capped and placed on a shaker. After 3 days, the amount of SP remaining in the water phase was measured using the FAS/$KMnO_4$ titration method.

Results. The 72 hr SP SOD results are given in **Table 1** (attached). SOD increased with increased initial concentration of SP, which is a common phenomenon.

If you have any questions regarding these results, please call me at 916-939-7300. Thank you for the opportunity to be of service.

Sincerely,
PRIMA Environmental, Inc.

Cindy G. Schreier, Ph.D.
President

Attachment

5070 Robert J. Mathews Pkwy, Suite 300 El Dorado Hills, CA 95762
Phone: (916) 939-7300 Fax: (916) 939-7398
www.primaenvironmental.com

Table 1. 72 hour Unactivated Sodium Persulfate SOD Results.

Sample ID	SP Concentration, g/L		72 hr SOD, g SP/kg soil
	Initial	Final	
L2574258-09 (PDI-1_52-54_20251120)	4.5	< 0.4	4.5
	13	3.5	9.5
	29	12	17

5070 Robert J Mathews Parkway, Suite 300
El Dorado Hills, CA 95762
916-939-7300
www.primaenvironmental.com

Sample Receipt Summary

Date/Time: 11/25/2025

Client/Company: Pace

Project: ## 11252025-4258

	Yes	No	N/A
Custody seals intact?	☐	☐	☒
Chain of custody Present?	☒	☐	☐
If no, list number of samples and Sample ID			
Ice present?	☒	☐	☐
If no, what is temperature? ____			
Samples in good condition?	☒	☐	☐
If no, explain:			
Do sample IDs on containers match IDs on COC?	☒	☐	☐
If no, explain:			

Other Comments:

Subcontract Chain of Custody

Prima Environmental
5070 Robert J. Matthews Parkway
Suite 300
El Dorado Hills, CA 95762

Pace Job Number
L2574258

Page 1

Client Information

Client: Pace Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Report To:west.subreports@pacelabs.com
Bill To:invoices@pacelabs.coupahost.com

Phone: 508.439.5155
Email: Marty.Vitanza@pacelabs.com

Project Information

Project Location: NY
Project Manager: Marty Vitanza

Turnaround & Deliverables Information

Due Date:
Deliverables: ASP Category B Deliverables (Level 4)

Regulatory Requirements/Report Limits

State/Federal Program:
Regulatory Criteria: NY-UNRES

Report to MDL

Project Specific Requirements and/or Report Requirements

Reference following Pace Job Number on final report/deliverables: L2574258 Report to include Method and/or Regulatory required batch QC

Additional Comments:

Lab ID	Pace ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
	L2574258-09	PDI-1_52-54_20251120	11-20-25 12:40	SOIL	Persulfate Concentration Single Point Dose	SOD with persulfate for a single point		3

	Relinquished By:	Date/Time:	Received By:	Date/Time:
	Ricky Fabiano	11.24.25	Marisol Fleischmann PRIMA	11/25/2025 @ 9:45
Form No: AL_subcoc				

Pace Analytical Services

Laboratory Code: 11148

SDG Number: L2574764

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

Table of Contents

New York ASP Category B Data Deliverable Package 1
Table of Contents 2
Sample ID Cross Reference 4
SDG Narrative 5
Data Qualifier Definitions 8
Instrument Information 11
Sample Log-in Sheet 14
Lims COC (LN01) 15
External Chain of Custody 17
Organics Analysis 18
GCMS 8260 Analysis 19
Volatiles QC Summary 20
Form 2 - Organics 21
Form 3 - Organics 22
Form 4 - Organics 34
Form 5 - Organics 38
Form 8 - Organics 43
MDL Study - Volatile Organics 8260 47
Volatiles Sample Data 49
Form 1 - Organics 50
TRIP BLANK_20251121 (L2574764-01) Analyzed: 11/29/25 14:10 111
PDI-2_58-60_20251121 (L2574764-04) Analyzed: 11/29/25 15:54 118
PDI-2_63-65_20251121 (L2574764-05) Analyzed: 11/29/25 16:20 143
PDI-6_53-55_20251121 (L2574764-07) Analyzed: 11/29/25 16:46 162
PDI-6_63-65_20251121 (L2574764-09) Analyzed: 11/29/25 17:38 192
TRIP BLANK_20251121 (L2574764-01) Analyzed: 11/29/25 13:45 212
PDI-2_48-50_20251121 (L2574764-02) Analyzed: 11/29/25 19:22 218
PDI-2_53-55_20251121 (L2574764-03) Analyzed: 11/29/25 19:48 241
PDI-6_48-50_20251121 (L2574764-06D) Analyzed: 11/29/25 20:14 257
PDI-6_58-60_20251121 (L2574764-08) Analyzed: 12/01/25 00:24 279
PDI-6_53-55_20251121 (L2574764-07) Analyzed: 12/01/25 02:08 298
PDI-6_48-50_20251121 (L2574764-06D2) Analyzed: 12/01/25 02:34 317
Volatile Standards Data 324
Initial Calibration 325
Form 6 - Organics 326
ICAL for VOA123 on 11/04/25 ICAL22792 329
Initial Calibration Summary - Cal Date: 11/04/25 00:00 329
BFB Injected on: 11/03/25 18:36 333
STD0.5PPB Injected on: 11/03/25 20:17 334
STD1PPB Injected on: 11/03/25 20:43 339
STD2PPB Injected on: 11/03/25 21:35 363
STD4PPB Injected on: 11/03/25 22:01 384
STD20PPB Injected on: 11/03/25 22:27 399
STD40PPB Injected on: 11/03/25 22:53 412
STD100PPB Injected on: 11/03/25 23:19 422
STD200PPB Injected on: 11/03/25 23:45 430
STD300PPB Injected on: 11/04/25 00:11 439
ICV Quant Report Injected on: 11/04/25 01:29 448
Correlation Report 459
Continuing Calibration 460

Table of Contents

Form 7 - Organics 461
CC Summary - VOA123 Run: 11/29/25 10:17 471
CC Quant - WG2148015-2 VOA123 Run: 11/29/25 10:17 474
CC Summary - VOA123 Run: 11/29/25 10:17 481
CC Quant - WG2148016-2 VOA123 Run: 11/29/25 10:17 484
CC Summary - VOA123 Run: 11/30/25 16:39 491
CC Quant - WG2147797-2 VOA123 Run: 11/30/25 16:39 494
CC Summary - VOA123 Run: 11/30/25 16:39 504
CC Quant - WG2147799-2 VOA123 Run: 11/30/25 16:39 507
bfb tune - Inst. VOA123 11/29/25 09:28 517
bfb tune - Inst. VOA123 11/30/25 16:16 519
Volatiles Raw QC Data 521
Laboratory Method Bl (WG2148015-5) Analyzed: 11/29/25 11:35 522
Laboratory Method Bl (WG2148016-5) Analyzed: 11/29/25 11:35 531
Laboratory Method Bl (WG2147797-5) Analyzed: 11/30/25 18:23 540
Laboratory Method Bl (WG2147799-5) Analyzed: 11/30/25 18:23 552
Laboratory Control S (WG2147797-3) Analyzed: 11/30/25 16:39 564
Laboratory Control S (WG2148016-3) Analyzed: 11/29/25 10:17 646
Laboratory Control S (WG2147799-3) Analyzed: 11/30/25 16:39 726
Laboratory Control S (WG2148015-3) Analyzed: 11/29/25 10:17 808
LCS Duplicate (WG2147797-4) Analyzed: 11/30/25 17:05 888
LCS Duplicate (WG2148016-4) Analyzed: 11/29/25 10:43 969
LCS Duplicate (WG2147799-4) Analyzed: 11/30/25 17:05 1051
LCS Duplicate (WG2148015-4) Analyzed: 11/29/25 10:43 1132
Volatiles Calculations 1214
QC Batch WG2147797 1215
QC Batch WG2147799 1216
QC Batch WG2148015 1217
QC Batch WG2148016 1218
ICAL Sequence for VOA123 on 04-NOV-2025 00:00 ICAL22792 1219
Logbook 1219
Instrument VOA123 Run Date 11/30/25 Run ID R2041981 1220
Logbook 1220
Instrument VOA123 Run Date 11/29/25 Run ID R2042174 1221
Logbook 1221
Wet Chemistry Analysis 1222
Total Solids Analysis 1223
Results 1224
Form 1 - Inorganics 1225
Sample Raw Data 1234
Wet Chemistry Raw Data 1235
Quality Control 1236
Form 6 - Inorganics 1237

Project Name: 545-547 CONEY ISL./50 HINCKLEY
Project Number: 0204391-001-003-01

Lab Number: L2574764
Report Date: 12/12/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2574764-01	TRIP BLANK_20251121	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/21/25 09:00	11/21/25
L2574764-02	PDI-2_48-50_20251121	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/21/25 10:20	11/21/25
L2574764-03	PDI-2_53-55_20251121	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/21/25 10:30	11/21/25
L2574764-04	PDI-2_58-60_20251121	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/21/25 10:40	11/21/25
L2574764-05	PDI-2_63-65_20251121	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/21/25 10:50	11/21/25
L2574764-06	PDI-6_48-50_20251121	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/21/25 13:50	11/21/25
L2574764-07	PDI-6_53-55_20251121	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/21/25 14:00	11/21/25
L2574764-08	PDI-6_58-60_20251121	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/21/25 14:10	11/21/25
L2574764-09	PDI-6_63-65_20251121	SOIL	545 CONEY ISLAND AVE., BROOKLYN, NY 11218	11/21/25 14:20	11/21/25

Case Narrative

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

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

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

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

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

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

Case Narrative (continued)

Report Submission
December 12, 2025: This final report includes the results of all requested analyses.
December 04, 2025: This is a preliminary report.

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

The SOD analysis was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Volatile Organics
L2574764-02 and -03: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.
The surrogate recoveries for the following samples are outside the acceptance criteria for 4-bromofluorobenzene; however, the samples were not re-analyzed due to coelution with obvious interferences. Copies of the chromatograms are included as an attachment to this report:
L2574764-02: 198%
L2574764-03: 229%
L2574764-04: 168%
L2574764-06D: 168%
L2574764-06D: The surrogate recovery is outside the method acceptance criteria for dibromofluoromethane (69%) due to interference with the Internal Standard.
L2574764-07: The internal standard (IS) response for fluorobenzene (521%) and the surrogate recoveries for 1,2-dichloroethane-d4 (50%), dibromofluoromethane (19%), and 4-bromofluorobenzene (788%) were outside the acceptance criteria due to obvious interferences. A copy of the chromatogram is included as an attachment to this report. The sample was analyzed as a High Level Methanol in order to quantitate results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis; however, since the IS response was above

Case Narrative (continued)

method criteria, all associated compounds are considered to have a potentially low bias. The results of both analyses are reported. Differences were noted between the results of the Volatile Organics by EPA Method 5035/8260 High and Low Level analyses which have been attributed to vial discrepancies.

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

Authorized Signature: Cristen Walker Report Date: 12/12/25

Title: Technical Director/Representative

DATA PACKAGE GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: DU Report with 'J' Qualifiers

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

TYPICAL INSTRUMENT PARAMETERS

Volatile Organics Instruments

Volatile Organics:

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

Volatile Organics: VPH

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

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD	
	Column Type: Haysep S Column
	Column Length: 2 Meters packed (100/200 mesh)
Autosampler: LEAP Headspace	Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

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

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

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

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

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

Pesticides/PCB/Herbicides:

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

Petroleum/EPH:

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

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

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

Semivolatile Organics (8270):

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

Semivolatile Organics (8270 SIM):

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

Semivolatile Organics (1,4-Dioxane):

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

Semivolatile Organics (209 Congener):

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

Semivolatile Organics (8081):

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

Semivolatile Organics (8082):

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

Semivolatile Organics (SHC Extractables):

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

Sample Delivery Group Summary

Pace Job Number : L2574764

Received : 21-NOV-2025
Reviewer : Matthew Bianculli

Account Name : Haley & Aldrich
Project Number : 0204391-001-003-01
Project Name : 545-547 CONEY ISL./50 HINCKLEY

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.8	

Condition Information

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

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Dec 12 2025, 07:02 pm

Login Number: L2574764
Account: HALEY-NYC Haley & AldrichProject: 0204391-001-003-01
Received: 21NOV25 Due Date: 12DEC25

Sample #	Client ID	Mat	PR	Collected
L2574764-01	TRIP BLANK_20251121	3	2F	21NOV25 09:00
886337953722 19.00 ASP-B Package Due Date: 12/12/25				
5035KITS,ASP-B,NYTCL-8260H,NYTCL-8260HLW,TS100				
L2574764-02	PDI-2_48-50_20251121	3	2F	21NOV25 10:20
| Package Due Date: 12/12/25				
5035KITS,NYTCL-8260HLW,TS				
L2574764-03	PDI-2_53-55_20251121	3	2F	21NOV25 10:30
| Package Due Date: 12/12/25				
5035KITS,NYTCL-8260HLW,TS				
L2574764-04	PDI-2_58-60_20251121	3	2F	21NOV25 10:40
| Package Due Date: 12/12/25				
5035KITS,NYTCL-8260HLW,TS				
L2574764-05	PDI-2_63-65_20251121	3	2F	21NOV25 10:50
| Package Due Date: 12/12/25				
5035KITS,NYTCL-8260HLW,TS				
L2574764-06	PDI-6_48-50_20251121	3	2F	21NOV25 13:50
| Package Due Date: 12/12/25				
5035KITS,NYTCL-8260HLW,TS				
L2574764-07	PDI-6_53-55_20251121	3	2F	21NOV25 14:00
| Package Due Date: 12/12/25				

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Dec 12 2025, 07:02 pm

Login Number: L2574764
Account: HALEY-NYC Haley & AldrichProject: 0204391-001-003-01
Received: 21NOV25 Due Date: 12DEC25

Sample #	Client ID		Mat	PR	Collected
5035KITS,NYTCL-8260H,NYTCL-8260HLW,SUB-SOD-PERS-SINGLE,TS					
L2574764-08	PDI-6_58-60_20251121	3	2F	21NOV25	14:10
| Package Due Date: 12/12/25					
5035KITS,NYTCL-8260HLW,TS					
L2574764-09	PDI-6_63-65_20251121	3	2F	21NOV25	14:20
| Package Due Date: 12/12/25					
5035KITS,NYTCL-8260HLW,TS					

Logged By: Elizabeth Oko

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 1 of 1

Date Rec'd in Lab: 11/22/25

ALPHA Job #: L2514764

Client Information
Client: HRA of New York
Address: 213 W 35th St, New York, NY
Phone:
Fax:
Email: MForshay@haleyaldrich.com

Project Information
Project Name: 547 Coney Island Ave/50 Hinckley Place
Project Location: 547 Coney Island Ave, Brooklyn, NY
Project # 0204391-001-003-01
(Use Project name as Project #) ☐
Project Manager: Matt Forshay
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CC: Zach Simmel ZSimmel@haleyaldrich.com

Please specify Metals or TAL.

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

Billing Information
☒ Same as Client Info
PO #

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

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

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs (8260)	Soil Oxygen Demand	Total Bottle	Sample Specific Comments
14764-01	TripBlank_20251121	11/21/25	9:00	—	O.H.	X		4	
-02	PDI-2_48-50_20251121		10:20	S		X		4	
-03	PDI-2_53-55_20251121		10:30			X		4	
-04	PDI-2_58-60_20251121		10:40			X		4	
-05	PDI-2_63-65_20251121		10:50			X		4	
-06	PDI-6_48-50_20251121		13:50			X		4	
-07	PDI-6_53-55_20251121		14:00			X	X	7	
-08	PDI-6_58-60_20251121		14:10			X		4	
-09	PDI-6_63-65_20251121		14:20			X		4	

Container Type	V	A							
Preservative	F/F	A							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

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

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	11/21/25 1530	WIFI Face	11/21/25 1530
WIFI Face	11/21/25 1850		11/21 2200
	11/22 200		11/22/25 0200

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

Form No: 01-25 HC (rev. 30-Sept-2013)

Organics

GC/MS 8260
Analysis

Volatiles QC Summary

Surrogate Recovery Summary
Form 2
Volatiles

Client: Haley & Aldrich
Project Name: 545-547 CONEY ISL./50 HINCKLEY

Lab Number: L2574764
Project Number: 0204391-001-003-01
Matrix:

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
TRIP BLANK_20251121 (L2574764-01)	93	96	89	94	0
TRIP BLANK_20251121 (L2574764-01)	95	96	92	95	0
PDI-2_48-50_20251121 (L2574764-02)	95	108	198*	87	1
PDI-2_53-55_20251121 (L2574764-03)	94	115	229*	91	1
PDI-2_58-60_20251121 (L2574764-04)	101	96	168*	98	1
PDI-2_63-65_20251121 (L2574764-05)	92	99	97	94	0
PDI-6_48-50_20251121 (L2574764-06D2)	91	98	97	88	0
PDI-6_48-50_20251121 (L2574764-06D)	98	111	168*	69*	2
PDI-6_53-55_20251121 (L2574764-07)	50*	124	788*	19*	3
PDI-6_53-55_20251121 (L2574764-07)	97	97	88	94	0
PDI-6_58-60_20251121 (L2574764-08)	97	97	93	95	0
PDI-6_63-65_20251121 (L2574764-09)	96	97	95	95	0
WG2147797-3LCS	94	95	95	99	0
WG2147797-4LCSD	93	95	96	99	0
WG2147797-5BLANK	95	98	93	95	0
WG2147799-3LCS	94	95	96	99	0
WG2147799-4LCSD	93	95	96	99	0
WG2147799-5BLANK	95	98	93	95	0
WG2148015-3LCS	93	94	93	98	0
WG2148015-4LCSD	94	95	94	99	0
WG2148015-5BLANK	96	96	93	96	0
WG2148016-3LCS	93	94	93	98	0
WG2148016-4LCSD	94	95	94	100	0
WG2148016-5BLANK	96	96	93	96	0

QC LIMITS

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

*** Values outside of QC limits**

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2147797-3 **Analysis Date** : 11/30/25 16:39	**File ID**	: V23251130A01
LCSD Sample ID	: WG2147797-4 **Analysis Date** : 11/30/25 17:05	**File ID**	: V23251130A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	40	42	105	40	41	103	2	70-130	30
1,1-Dichloroethane	40	46	114	40	44	110	4	70-130	30
Chloroform	40	38	94	40	37	92	2	70-130	30
Carbon tetrachloride	40	46	116	40	44	110	5	70-130	30
1,2-Dichloropropane	40	44	109	40	43	107	2	70-130	30
Dibromochloromethane	40	44	110	40	43	108	2	70-130	30
1,1,2-Trichloroethane	40	42	105	40	41	103	2	70-130	30
Tetrachloroethene	40	50	125	40	47	118	6	70-130	30
Chlorobenzene	40	44	111	40	43	108	3	70-130	30
Trichlorofluoromethane	40	52	130	40	48	120	8	70-139	30
1,2-Dichloroethane	40	42	106	40	42	106	0	70-130	30
1,1,1-Trichloroethane	40	49	122	40	46	116	5	70-130	30
Bromodichloromethane	40	44	109	40	43	107	2	70-130	30
trans-1,3-Dichloropropene	40	43	108	40	42	104	4	70-130	30
cis-1,3-Dichloropropene	40	44	111	40	44	109	2	70-130	30
1,1-Dichloropropene	40	51	128	40	49	122	5	70-130	30
Bromoform	40	40	100	40	41	102	2	70-130	30
1,1,2,2-Tetrachloroethane	40	40	101	40	41	101	0	70-130	30
Benzene	40	46	115	40	45	112	3	70-130	30
Toluene	40	44	111	40	43	107	4	70-130	30
Ethylbenzene	40	44	110	40	42	106	4	70-130	30
Chloromethane	40	49	121	40	45	113	7	52-130	30
Bromomethane	40	68	170 Q	40	62	154 Q	10	57-147	30
Vinyl chloride	40	54	135 Q	40	49	122	10	67-130	30
Chloroethane	40	52	130	40	50	125	4	50-151	30
1,1-Dichloroethene	40	48	119	40	45	112	6	65-135	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2147797-3 **Analysis Date** : 11/30/25 16:39	**File ID**	: V23251130A01
LCSD Sample ID	: WG2147797-4 **Analysis Date** : 11/30/25 17:05	**File ID**	: V23251130A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	40	47	116	40	44	110	5	70-130	30
Trichloroethene	40	48	119	40	46	114	4	70-130	30
1,2-Dichlorobenzene	40	43	106	40	43	107	1	70-130	30
1,3-Dichlorobenzene	40	44	110	40	44	109	1	70-130	30
1,4-Dichlorobenzene	40	43	106	40	43	107	1	70-130	30
Methyl tert butyl ether	40	43	108	40	42	104	4	66-130	30
p/m-Xylene	80	92	116	80	89	111	4	70-130	30
o-Xylene	80	89	111	80	86	107	4	70-130	30
cis-1,2-Dichloroethene	40	44	111	40	42	106	5	70-130	30
Dibromomethane	40	42	104	40	42	104	0	70-130	30
Styrene	80	87	109	80	85	107	2	70-130	30
Dichlorodifluoromethane	40	52	130	40	48	119	9	30-146	30
Acetone	40	61	152 Q	40	50	124	20	54-140	30
Carbon disulfide	40	44	111	40	42	105	6	59-130	30
2-Butanone	40	40	100	40	36	90	11	70-130	30
Vinyl acetate	40	42	106	40	41	102	4	70-130	30
4-Methyl-2-pentanone	40	42	105	40	42	104	1	70-130	30
1,2,3-Trichloropropane	40	40	99	40	39	98	1	68-130	30
2-Hexanone	40	38	95	40	34	85	11	70-130	30
Bromochloromethane	40	44	110	40	43	108	2	70-130	30
2,2-Dichloropropane	40	48	120	40	45	114	5	70-130	30
1,2-Dibromoethane	40	44	111	40	44	109	2	70-130	30
1,3-Dichloropropane	40	42	105	40	42	104	1	69-130	30
1,1,1,2-Tetrachloroethane	40	45	112	40	44	109	3	70-130	30
Bromobenzene	40	42	104	40	42	105	1	70-130	30
n-Butylbenzene	40	48	119	40	47	118	1	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2147797-3 **Analysis Date** : 11/30/25 16:39	**File ID**	: V23251130A01
LCSD Sample ID	: WG2147797-4 **Analysis Date** : 11/30/25 17:05	**File ID**	: V23251130A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
sec-Butylbenzene	40	45	113	40	44	111	2	70-130	30
tert-Butylbenzene	40	45	112	40	44	110	2	70-130	30
o-Chlorotoluene	40	43	108	40	42	105	3	70-130	30
p-Chlorotoluene	40	43	106	40	42	105	1	70-130	30
1,2-Dibromo-3-chloropropane	40	38	96	40	40	99	3	68-130	30
Hexachlorobutadiene	40	47	119	40	47	118	1	67-130	30
Isopropylbenzene	40	45	113	40	44	110	3	70-130	30
p-Isopropyltoluene	40	45	113	40	45	111	2	70-130	30
Naphthalene	40	42	104	40	42	105	1	70-130	30
Acrylonitrile	40	45	113	40	42	105	7	70-130	30
n-Propylbenzene	40	45	112	40	44	109	3	70-130	30
1,2,3-Trichlorobenzene	40	44	109	40	45	111	2	70-130	30
1,2,4-Trichlorobenzene	40	45	112	40	46	114	2	70-130	30
1,3,5-Trimethylbenzene	40	44	109	40	43	108	1	70-130	30
1,2,4-Trimethylbenzene	40	43	108	40	43	107	1	70-130	30
1,4-Dioxane	2000	2500	124	2000	2500	126	2	65-136	30
p-Diethylbenzene	40	46	115	40	46	114	1	70-130	30
p-Ethyltoluene	40	45	112	40	44	111	1	70-130	30
1,2,4,5-Tetramethylbenzene	40	44	110	40	44	110	0	70-130	30
Ethyl ether	40	45	112	40	43	107	5	67-130	30
trans-1,4-Dichloro-2-butene	40	40	100	40	40	100	0	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2147799-3 **Analysis Date** : 11/30/25 16:39	**File ID**	: V23251130A01
LCSD Sample ID	: WG2147799-4 **Analysis Date** : 11/30/25 17:05	**File ID**	: V23251130A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	2000	2100	105	2000	2100	103	2	70-130	30
1,1-Dichloroethane	2000	2300	114	2000	2200	110	4	70-130	30
Chloroform	2000	1900	94	2000	1800	92	2	70-130	30
Carbon tetrachloride	2000	2300	116	2000	2200	110	5	70-130	30
1,2-Dichloropropane	2000	2200	109	2000	2100	107	2	70-130	30
Dibromochloromethane	2000	2200	110	2000	2200	108	2	70-130	30
1,1,2-Trichloroethane	2000	2100	105	2000	2100	103	2	70-130	30
Tetrachloroethene	2000	2500	125	2000	2400	118	6	70-130	30
Chlorobenzene	2000	2200	111	2000	2200	108	3	70-130	30
Trichlorofluoromethane	2000	2600	130	2000	2400	120	8	70-139	30
1,2-Dichloroethane	2000	2100	106	2000	2100	106	0	70-130	30
1,1,1-Trichloroethane	2000	2500	122	2000	2300	116	5	70-130	30
Bromodichloromethane	2000	2200	109	2000	2100	107	2	70-130	30
trans-1,3-Dichloropropene	2000	2200	108	2000	2100	104	4	70-130	30
cis-1,3-Dichloropropene	2000	2200	111	2000	2200	109	2	70-130	30
1,1-Dichloropropene	2000	2600	128	2000	2400	122	5	70-130	30
Bromoform	2000	2000	100	2000	2100	102	2	70-130	30
1,1,2,2-Tetrachloroethane	2000	2000	101	2000	2000	101	0	70-130	30
Benzene	2000	2300	115	2000	2200	112	3	70-130	30
Toluene	2000	2200	111	2000	2200	107	4	70-130	30
Ethylbenzene	2000	2200	110	2000	2100	106	4	70-130	30
Chloromethane	2000	2400	121	2000	2300	113	7	52-130	30
Bromomethane	2000	3400	170 Q	2000	3100	154 Q	10	57-147	30
Vinyl chloride	2000	2700	135 Q	2000	2500	122	10	67-130	30
Chloroethane	2000	2600	130	2000	2500	125	4	50-151	30
1,1-Dichloroethene	2000	2400	119	2000	2200	112	6	65-135	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2147799-3 **Analysis Date** : 11/30/25 16:39	**File ID**	: V23251130A01
LCSD Sample ID	: WG2147799-4 **Analysis Date** : 11/30/25 17:05	**File ID**	: V23251130A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	2000	2300	116	2000	2200	110	5	70-130	30
Trichloroethene	2000	2400	119	2000	2300	114	4	70-130	30
1,2-Dichlorobenzene	2000	2100	106	2000	2200	107	1	70-130	30
1,3-Dichlorobenzene	2000	2200	110	2000	2200	109	1	70-130	30
1,4-Dichlorobenzene	2000	2100	106	2000	2100	107	1	70-130	30
Methyl tert butyl ether	2000	2200	108	2000	2100	104	4	66-130	30
p/m-Xylene	4000	4600	116	4000	4500	111	4	70-130	30
o-Xylene	4000	4400	111	4000	4300	107	4	70-130	30
cis-1,2-Dichloroethene	2000	2200	111	2000	2100	106	5	70-130	30
Dibromomethane	2000	2100	104	2000	2100	104	0	70-130	30
Styrene	4000	4400	109	4000	4300	107	2	70-130	30
Dichlorodifluoromethane	2000	2600	130	2000	2400	119	9	30-146	30
Acetone	2000	3000	152 Q	2000	2500	124	20	54-140	30
Carbon disulfide	2000	2200	111	2000	2100	105	6	59-130	30
2-Butanone	2000	2000	100	2000	1800	90	11	70-130	30
Vinyl acetate	2000	2100	106	2000	2100	102	4	70-130	30
4-Methyl-2-pentanone	2000	2100	105	2000	2100	104	1	70-130	30
1,2,3-Trichloropropane	2000	2000	99	2000	2000	98	1	68-130	30
2-Hexanone	2000	1900	95	2000	1700	85	11	70-130	30
Bromochloromethane	2000	2200	110	2000	2200	108	2	70-130	30
2,2-Dichloropropane	2000	2400	120	2000	2300	114	5	70-130	30
1,2-Dibromoethane	2000	2200	111	2000	2200	109	2	70-130	30
1,3-Dichloropropane	2000	2100	105	2000	2100	104	1	69-130	30
1,1,1,2-Tetrachloroethane	2000	2200	112	2000	2200	109	3	70-130	30
Bromobenzene	2000	2100	104	2000	2100	105	1	70-130	30
n-Butylbenzene	2000	2400	119	2000	2400	118	1	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2147799-3 **Analysis Date** : 11/30/25 16:39	**File ID**	: V23251130A01
LCSD Sample ID	: WG2147799-4 **Analysis Date** : 11/30/25 17:05	**File ID**	: V23251130A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
sec-Butylbenzene	2000	2300	113	2000	2200	111	2	70-130	30
tert-Butylbenzene	2000	2200	112	2000	2200	110	2	70-130	30
o-Chlorotoluene	2000	2200	108	2000	2100	105	3	70-130	30
p-Chlorotoluene	2000	2100	106	2000	2100	105	1	70-130	30
1,2-Dibromo-3-chloropropane	2000	1900	96	2000	2000	99	3	68-130	30
Hexachlorobutadiene	2000	2400	119	2000	2400	118	1	67-130	30
Isopropylbenzene	2000	2300	113	2000	2200	110	3	70-130	30
p-Isopropyltoluene	2000	2300	113	2000	2200	111	2	70-130	30
Naphthalene	2000	2100	104	2000	2100	105	1	70-130	30
Acrylonitrile	2000	2300	113	2000	2100	105	7	70-130	30
n-Propylbenzene	2000	2200	112	2000	2200	109	3	70-130	30
1,2,3-Trichlorobenzene	2000	2200	109	2000	2200	111	2	70-130	30
1,2,4-Trichlorobenzene	2000	2300	112	2000	2300	114	2	70-130	30
1,3,5-Trimethylbenzene	2000	2200	109	2000	2200	108	1	70-130	30
1,2,4-Trimethylbenzene	2000	2200	108	2000	2100	107	1	70-130	30
1,4-Dioxane	100000	120000	124	100000	130000	126	2	65-136	30
p-Diethylbenzene	2000	2300	115	2000	2300	114	1	70-130	30
p-Ethyltoluene	2000	2200	112	2000	2200	111	1	70-130	30
1,2,4,5-Tetramethylbenzene	2000	2200	110	2000	2200	110	0	70-130	30
Ethyl ether	2000	2200	112	2000	2200	107	5	67-130	30
trans-1,4-Dichloro-2-butene	2000	2000	100	2000	2000	100	0	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2148015-3 **Analysis Date** : 11/29/25 10:17	**File ID**	: V23251129A02
LCSD Sample ID	: WG2148015-4 **Analysis Date** : 11/29/25 10:43	**File ID**	: V23251129A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	40	42	106	40	43	106	0	70-130	30
1,1-Dichloroethane	40	46	116	40	46	115	1	70-130	30
Chloroform	40	38	95	40	38	95	0	70-130	30
Carbon tetrachloride	40	48	119	40	48	119	0	70-130	30
1,2-Dichloropropane	40	45	111	40	44	110	1	70-130	30
Dibromochloromethane	40	44	111	40	45	112	1	70-130	30
1,1,2-Trichloroethane	40	42	105	40	42	104	1	70-130	30
Tetrachloroethene	40	50	125	40	50	124	1	70-130	30
Chlorobenzene	40	45	112	40	44	110	2	70-130	30
Trichlorofluoromethane	40	55	137	40	56	140 Q	2	70-139	30
1,2-Dichloroethane	40	44	109	40	44	110	1	70-130	30
1,1,1-Trichloroethane	40	50	126	40	50	124	2	70-130	30
Bromodichloromethane	40	45	111	40	45	112	1	70-130	30
trans-1,3-Dichloropropene	40	44	109	40	43	108	1	70-130	30
cis-1,3-Dichloropropene	40	46	114	40	46	114	0	70-130	30
1,1-Dichloropropene	40	52	130	40	51	128	2	70-130	30
Bromoform	40	42	105	40	42	104	1	70-130	30
1,1,2,2-Tetrachloroethane	40	42	104	40	41	102	2	70-130	30
Benzene	40	47	118	40	47	116	2	70-130	30
Toluene	40	45	111	40	44	110	1	70-130	30
Ethylbenzene	40	45	112	40	44	110	2	70-130	30
Chloromethane	40	49	123	40	49	122	1	52-130	30
Bromomethane	40	68	169 Q	40	67	167 Q	1	57-147	30
Vinyl chloride	40	55	137 Q	40	55	137 Q	0	67-130	30
Chloroethane	40	54	134	40	52	130	3	50-151	30
1,1-Dichloroethene	40	48	120	40	48	119	1	65-135	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2148015-3 **Analysis Date** : 11/29/25 10:17	**File ID**	: V23251129A02
LCSD Sample ID	: WG2148015-4 **Analysis Date** : 11/29/25 10:43	**File ID**	: V23251129A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	40	47	118	40	46	115	3	70-130	30
Trichloroethene	40	49	122	40	48	121	1	70-130	30
1,2-Dichlorobenzene	40	44	109	40	44	109	0	70-130	30
1,3-Dichlorobenzene	40	45	112	40	44	110	2	70-130	30
1,4-Dichlorobenzene	40	44	109	40	43	107	2	70-130	30
Methyl tert butyl ether	40	43	106	40	43	107	1	66-130	30
p/m-Xylene	80	93	116	80	92	115	1	70-130	30
o-Xylene	80	89	111	80	88	110	1	70-130	30
cis-1,2-Dichloroethene	40	45	112	40	45	112	0	70-130	30
Dibromomethane	40	43	106	40	44	109	3	70-130	30
Styrene	80	88	110	80	87	109	1	70-130	30
Dichlorodifluoromethane	40	54	136	40	54	134	1	30-146	30
Acetone	40	55	137	40	54	135	1	54-140	30
Carbon disulfide	40	46	114	40	45	113	1	59-130	30
2-Butanone	40	38	96	40	38	94	2	70-130	30
Vinyl acetate	40	42	105	40	41	104	1	70-130	30
4-Methyl-2-pentanone	40	42	105	40	43	107	2	70-130	30
1,2,3-Trichloropropane	40	40	100	40	41	101	1	68-130	30
2-Hexanone	40	37	91	40	35	88	3	70-130	30
Bromochloromethane	40	44	111	40	45	112	1	70-130	30
2,2-Dichloropropane	40	48	121	40	47	118	3	70-130	30
1,2-Dibromoethane	40	44	111	40	44	111	0	70-130	30
1,3-Dichloropropane	40	43	107	40	42	106	1	69-130	30
1,1,1,2-Tetrachloroethane	40	45	112	40	45	112	0	70-130	30
Bromobenzene	40	43	107	40	42	105	2	70-130	30
n-Butylbenzene	40	49	122	40	48	120	2	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2148015-3 **Analysis Date** : 11/29/25 10:17	**File ID**	: V23251129A02
LCSD Sample ID	: WG2148015-4 **Analysis Date** : 11/29/25 10:43	**File ID**	: V23251129A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
sec-Butylbenzene	40	46	116	40	46	114	2	70-130	30
tert-Butylbenzene	40	46	114	40	45	112	2	70-130	30
o-Chlorotoluene	40	43	108	40	43	107	1	70-130	30
p-Chlorotoluene	40	43	108	40	43	107	1	70-130	30
1,2-Dibromo-3-chloropropane	40	40	99	40	40	100	1	68-130	30
Hexachlorobutadiene	40	48	120	40	48	119	1	67-130	30
Isopropylbenzene	40	46	114	40	45	112	2	70-130	30
p-Isopropyltoluene	40	46	116	40	45	113	3	70-130	30
Naphthalene	40	42	105	40	42	106	1	70-130	30
Acrylonitrile	40	43	108	40	46	114	5	70-130	30
n-Propylbenzene	40	46	115	40	45	113	2	70-130	30
1,2,3-Trichlorobenzene	40	45	114	40	45	113	1	70-130	30
1,2,4-Trichlorobenzene	40	46	116	40	46	115	1	70-130	30
1,3,5-Trimethylbenzene	40	45	112	40	44	110	2	70-130	30
1,2,4-Trimethylbenzene	40	44	110	40	44	109	1	70-130	30
1,4-Dioxane	2000	2200	109	2000	2200	112	3	65-136	30
p-Diethylbenzene	40	47	116	40	46	114	2	70-130	30
p-Ethyltoluene	40	46	114	40	45	113	1	70-130	30
1,2,4,5-Tetramethylbenzene	40	45	111	40	44	111	0	70-130	30
Ethyl ether	40	45	112	40	44	111	1	67-130	30
trans-1,4-Dichloro-2-butene	40	39	98	40	41	101	3	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2148016-3 **Analysis Date** : 11/29/25 10:17	**File ID**	: V23251129A02
LCSD Sample ID	: WG2148016-4 **Analysis Date** : 11/29/25 10:43	**File ID**	: V23251129A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	2000	2100	106	2000	2100	106	0	70-130	30
1,1-Dichloroethane	2000	2300	116	2000	2300	115	1	70-130	30
Chloroform	2000	1900	95	2000	1900	95	0	70-130	30
Carbon tetrachloride	2000	2400	119	2000	2400	119	0	70-130	30
1,2-Dichloropropane	2000	2200	111	2000	2200	110	1	70-130	30
Dibromochloromethane	2000	2200	111	2000	2200	112	1	70-130	30
1,1,2-Trichloroethane	2000	2100	105	2000	2100	104	1	70-130	30
Tetrachloroethene	2000	2500	125	2000	2500	124	1	70-130	30
Chlorobenzene	2000	2200	112	2000	2200	110	2	70-130	30
Trichlorofluoromethane	2000	2700	137	2000	2800	140 Q	2	70-139	30
1,2-Dichloroethane	2000	2200	109	2000	2200	110	1	70-130	30
1,1,1-Trichloroethane	2000	2500	126	2000	2500	124	2	70-130	30
Bromodichloromethane	2000	2200	111	2000	2200	112	1	70-130	30
trans-1,3-Dichloropropene	2000	2200	109	2000	2200	108	1	70-130	30
cis-1,3-Dichloropropene	2000	2300	114	2000	2300	114	0	70-130	30
1,1-Dichloropropene	2000	2600	130	2000	2600	128	2	70-130	30
Bromoform	2000	2100	105	2000	2100	104	1	70-130	30
1,1,2,2-Tetrachloroethane	2000	2100	104	2000	2000	102	2	70-130	30
Benzene	2000	2400	118	2000	2300	116	2	70-130	30
Toluene	2000	2200	111	2000	2200	110	1	70-130	30
Ethylbenzene	2000	2200	112	2000	2200	110	2	70-130	30
Chloromethane	2000	2500	123	2000	2400	122	1	52-130	30
Bromomethane	2000	3400	169 Q	2000	3300	167 Q	1	57-147	30
Vinyl chloride	2000	2700	137 Q	2000	2800	137 Q	0	67-130	30
Chloroethane	2000	2700	134	2000	2600	130	3	50-151	30
1,1-Dichloroethene	2000	2400	120	2000	2400	119	1	65-135	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2148016-3 **Analysis Date** : 11/29/25 10:17	**File ID**	: V23251129A02
LCSD Sample ID	: WG2148016-4 **Analysis Date** : 11/29/25 10:43	**File ID**	: V23251129A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	2000	2400	118	2000	2300	115	3	70-130	30
Trichloroethene	2000	2400	122	2000	2400	121	1	70-130	30
1,2-Dichlorobenzene	2000	2200	109	2000	2200	109	0	70-130	30
1,3-Dichlorobenzene	2000	2200	112	2000	2200	110	2	70-130	30
1,4-Dichlorobenzene	2000	2200	109	2000	2100	107	2	70-130	30
Methyl tert butyl ether	2000	2100	106	2000	2100	107	1	66-130	30
p/m-Xylene	4000	4700	116	4000	4600	115	1	70-130	30
o-Xylene	4000	4500	111	4000	4400	110	1	70-130	30
cis-1,2-Dichloroethene	2000	2200	112	2000	2200	112	0	70-130	30
Dibromomethane	2000	2100	106	2000	2200	109	3	70-130	30
Styrene	4000	4400	110	4000	4400	109	1	70-130	30
Dichlorodifluoromethane	2000	2700	136	2000	2700	134	1	30-146	30
Acetone	2000	2700	137	2000	2700	135	1	54-140	30
Carbon disulfide	2000	2300	114	2000	2300	113	1	59-130	30
2-Butanone	2000	1900	96	2000	1900	94	2	70-130	30
Vinyl acetate	2000	2100	105	2000	2100	104	1	70-130	30
4-Methyl-2-pentanone	2000	2100	105	2000	2100	107	2	70-130	30
1,2,3-Trichloropropane	2000	2000	100	2000	2000	101	1	68-130	30
2-Hexanone	2000	1800	91	2000	1800	88	3	70-130	30
Bromochloromethane	2000	2200	111	2000	2200	112	1	70-130	30
2,2-Dichloropropane	2000	2400	121	2000	2400	118	3	70-130	30
1,2-Dibromoethane	2000	2200	111	2000	2200	111	0	70-130	30
1,3-Dichloropropane	2000	2100	107	2000	2100	106	1	69-130	30
1,1,1,2-Tetrachloroethane	2000	2300	112	2000	2200	112	0	70-130	30
Bromobenzene	2000	2100	107	2000	2100	105	2	70-130	30
n-Butylbenzene	2000	2400	122	2000	2400	120	2	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2148016-3 **Analysis Date** : 11/29/25 10:17	**File ID**	: V23251129A02
LCSD Sample ID	: WG2148016-4 **Analysis Date** : 11/29/25 10:43	**File ID**	: V23251129A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
sec-Butylbenzene	2000	2300	116	2000	2300	114	2	70-130	30
tert-Butylbenzene	2000	2300	114	2000	2200	112	2	70-130	30
o-Chlorotoluene	2000	2200	108	2000	2100	107	1	70-130	30
p-Chlorotoluene	2000	2200	108	2000	2100	107	1	70-130	30
1,2-Dibromo-3-chloropropane	2000	2000	99	2000	2000	100	1	68-130	30
Hexachlorobutadiene	2000	2400	120	2000	2400	119	1	67-130	30
Isopropylbenzene	2000	2300	114	2000	2300	112	2	70-130	30
p-Isopropyltoluene	2000	2300	116	2000	2300	113	3	70-130	30
Naphthalene	2000	2100	105	2000	2100	106	1	70-130	30
Acrylonitrile	2000	2200	108	2000	2300	114	5	70-130	30
n-Propylbenzene	2000	2300	115	2000	2300	113	2	70-130	30
1,2,3-Trichlorobenzene	2000	2300	114	2000	2300	113	1	70-130	30
1,2,4-Trichlorobenzene	2000	2300	116	2000	2300	115	1	70-130	30
1,3,5-Trimethylbenzene	2000	2200	112	2000	2200	110	2	70-130	30
1,2,4-Trimethylbenzene	2000	2200	110	2000	2200	109	1	70-130	30
1,4-Dioxane	100000	110000	109	100000	110000	112	3	65-136	30
p-Diethylbenzene	2000	2300	116	2000	2300	114	2	70-130	30
p-Ethyltoluene	2000	2300	114	2000	2300	113	1	70-130	30
1,2,4,5-Tetramethylbenzene	2000	2200	111	2000	2200	111	0	70-130	30
Ethyl ether	2000	2200	112	2000	2200	111	1	67-130	30
trans-1,4-Dichloro-2-butene	2000	2000	98	2000	2000	101	3	70-130	30

Method Blank Summary
Form 4
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Lab Sample ID	: WG2148016-5	**Lab File ID**	: V23251129A05
Instrument ID	: VOA123		
Matrix	: SOIL	**Analysis Date**	: 11/29/25 11:35

Client Sample No.	Lab Sample ID	Analysis Date
WG2148016-3LCS	WG2148016-3	11/29/25 10:17
WG2148016-4LCSD	WG2148016-4	11/29/25 10:43
TRIP BLANK_20251121	L2574764-01	11/29/25 13:45
PDI-2_48-50_20251121	L2574764-02	11/29/25 19:22
PDI-2_53-55_20251121	L2574764-03	11/29/25 19:48
PDI-6_48-50_20251121	L2574764-06D	11/29/25 20:14

Method Blank Summary
Form 4
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Lab Sample ID	: WG2148015-5	**Lab File ID**	: V23251129A05
Instrument ID	: VOA123		
Matrix	: SOIL	**Analysis Date**	: 11/29/25 11:35

Client Sample No.	Lab Sample ID	Analysis Date
WG2148015-3LCS	WG2148015-3	11/29/25 10:17
WG2148015-4LCSD	WG2148015-4	11/29/25 10:43
TRIP BLANK_20251121	L2574764-01	11/29/25 14:10
PDI-2_58-60_20251121	L2574764-04	11/29/25 15:54
PDI-2_63-65_20251121	L2574764-05	11/29/25 16:20
PDI-6_53-55_20251121	L2574764-07	11/29/25 16:46
PDI-6_63-65_20251121	L2574764-09	11/29/25 17:38

Method Blank Summary
Form 4
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Lab Sample ID	: WG2147799-5	**Lab File ID**	: V23251130A05
Instrument ID	: VOA123		
Matrix	: SOIL	**Analysis Date**	: 11/30/25 18:23

Client Sample No.	Lab Sample ID	Analysis Date
WG2147799-3LCS	WG2147799-3	11/30/25 16:39
WG2147799-4LCSD	WG2147799-4	11/30/25 17:05
PDI-6_53-55_20251121	L2574764-07	12/01/25 02:08
PDI-6_48-50_20251121	L2574764-06D2	12/01/25 02:34

Method Blank Summary
Form 4
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Lab Sample ID	: WG2147797-5	**Lab File ID**	: V23251130A05
Instrument ID	: VOA123		
Matrix	: SOIL	**Analysis Date**	: 11/30/25 18:23

Client Sample No.	Lab Sample ID	Analysis Date
WG2147797-3LCS	WG2147797-3	11/30/25 16:39
WG2147797-4LCSD	WG2147797-4	11/30/25 17:05
PDI-6_58-60_20251121	L2574764-08	12/01/25 00:24

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Instrument ID	: VOA123	**Analysis Date**	: 11/03/25 18:36
Tune Standard	: WG2136903-1	**Tune File ID**	: V23251103BFB6_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	19.7
75	30.0 - 80.0% of mass 95	49.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.3 (.4)1
174	Greater than 50.0% of mass 95	86.5
175	5.0 - 9.0% of mass 174	6.5 (7.5)1
176	Greater than 95.0% but less than 101% of mass	84.3 (97.4)1
177	5.0 - 9.0% of mass 176	5.5 (6.5)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.5PPB	R2031568-1	V23251103N04	11/03/25 20:17
STD1PPB	R2031568-2	V23251103N05	11/03/25 20:43
STD2PPB	R2031568-3	V23251103N07	11/03/25 21:35
STD4PPB	R2031568-4	V23251103N08	11/03/25 22:01
STD20PPB	R2031568-5	V23251103N09	11/03/25 22:27
STD40PPB	R2031568-6	V23251103N10	11/03/25 22:53
STD100PPB	R2031568-7	V23251103N11	11/03/25 23:19
STD200PPB	R2031568-8	V23251103N12	11/03/25 23:45
STD300PPB	R2031568-9	V23251103N13	11/04/25 00:11
ICV Quant Report	R2031568-10	V23251103N16	11/04/25 01:29

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Instrument ID	: VOA123	**Analysis Date**	: 11/29/25 09:28
Tune Standard	: WG2148015-1	**Tune File ID**	: V23251129BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.3
75	30.0 - 80.0% of mass 95	51.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.5 (.6)1
174	Greater than 50.0% of mass 95	91.2
175	5.0 - 9.0% of mass 174	6.9 (7.6)1
176	Greater than 95.0% but less than 101% of mass	89.4 (98.1)1
177	5.0 - 9.0% of mass 176	5.9 (6.5)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2148015-2CCAL	WG2148015-2	V23251129A02	11/29/25 10:17
WG2148015-3LCS	WG2148015-3	V23251129A02	11/29/25 10:17
WG2148015-4LCSD	WG2148015-4	V23251129A03	11/29/25 10:43
WG2148015-5BLANK	WG2148015-5	V23251129A05	11/29/25 11:35
TRIP BLANK_20251121	L2574764-01	V23251129A11	11/29/25 14:10
PDI-2_58-60_20251121	L2574764-04	V23251129A15	11/29/25 15:54
PDI-2_63-65_20251121	L2574764-05	V23251129A16	11/29/25 16:20
PDI-6_53-55_20251121	L2574764-07	V23251129A17	11/29/25 16:46
PDI-6_63-65_20251121	L2574764-09	V23251129A19	11/29/25 17:38

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Instrument ID	: VOA123	**Analysis Date**	: 11/29/25 09:28
Tune Standard	: WG2148016-1	**Tune File ID**	: V23251129BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.3
75	30.0 - 80.0% of mass 95	51.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.5 (.6)1
174	Greater than 50.0% of mass 95	91.2
175	5.0 - 9.0% of mass 174	6.9 (7.6)1
176	Greater than 95.0% but less than 101% of mass	89.4 (98.1)1
177	5.0 - 9.0% of mass 176	5.9 (6.5)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2148016-2CCAL	WG2148016-2	V23251129A02	11/29/25 10:17
WG2148016-3LCS	WG2148016-3	V23251129A02	11/29/25 10:17
WG2148016-4LCSD	WG2148016-4	V23251129A03	11/29/25 10:43
WG2148016-5BLANK	WG2148016-5	V23251129A05	11/29/25 11:35
TRIP BLANK_20251121	L2574764-01	V23251129A10	11/29/25 13:45
PDI-2_48-50_20251121	L2574764-02	V23251129A23	11/29/25 19:22
PDI-2_53-55_20251121	L2574764-03	V23251129A24	11/29/25 19:48
PDI-6_48-50_20251121	L2574764-06D	V23251129A25	11/29/25 20:14

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Instrument ID	: VOA123	**Analysis Date**	: 11/30/25 16:16
Tune Standard	: WG2147797-1	**Tune File ID**	: V23251130BFB2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	20.8
75	30.0 - 80.0% of mass 95	52.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.9 (.9)1
174	Greater than 50.0% of mass 95	91.4
175	5.0 - 9.0% of mass 174	7.4 (8.1)1
176	Greater than 95.0% but less than 101% of mass	88.8 (97.2)1
177	5.0 - 9.0% of mass 176	5.6 (6.3)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2147797-2CCAL	WG2147797-2	V23251130A01	11/30/25 16:39
WG2147797-3LCS	WG2147797-3	V23251130A01	11/30/25 16:39
WG2147797-4LCSD	WG2147797-4	V23251130A02	11/30/25 17:05
WG2147797-5BLANK	WG2147797-5	V23251130A05	11/30/25 18:23
PDI-6_58-60_20251121	L2574764-08	V23251130A18	12/01/25 00:24

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Instrument ID	: VOA123	**Analysis Date**	: 11/30/25 16:16
Tune Standard	: WG2147799-1	**Tune File ID**	: V23251130BFB2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	20.8
75	30.0 - 80.0% of mass 95	52.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.9 (.9)1
174	Greater than 50.0% of mass 95	91.4
175	5.0 - 9.0% of mass 174	7.4 (8.1)1
176	Greater than 95.0% but less than 101% of mass	88.8 (97.2)1
177	5.0 - 9.0% of mass 176	5.6 (6.3)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2147799-2CCAL	WG2147799-2	V23251130A01	11/30/25 16:39
WG2147799-3LCS	WG2147799-3	V23251130A01	11/30/25 16:39
WG2147799-4LCSD	WG2147799-4	V23251130A02	11/30/25 17:05
WG2147799-5BLANK	WG2147799-5	V23251130A05	11/30/25 18:23
PDI-6_53-55_20251121	L2574764-07	V23251130A22	12/01/25 02:08
PDI-6_48-50_20251121	L2574764-06D2	V23251130A23	12/01/25 02:34

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Instrument ID	: VOA123	**Analysis Date**	: 11/29/25 10:17:00
Sample No	: WG2148015-2	**Lab File ID**	: V23251129A02

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2148015-2	206936	5.52	154785	8.99	86212	11.80
Upper Limit	413872	6.02	309570	9.49	172424	12.30
Lower Limit	103468	5.02	77393	8.49	43106	11.30
Sample ID						
WG2148015-3 LCS	206936	5.52	154785	8.99	86212	11.80
WG2148015-4 LCSD	201028	5.52	152284	8.99	84635	11.80
WG2148015-5 BLANK	180652	5.52	129026	8.99	70089	11.81
TRIP BLANK_20251121	173213	5.52	119008	9.00	65234	11.80
PDI-2_58-60_20251121	173656	5.52	133777	9.00	87763	11.80
PDI-2_63-65_20251121	191329	5.52	135399	8.99	73064	11.80
PDI-6_53-55_20251121	1079098*	5.53	207914	9.00	80180	11.81
PDI-6_63-65_20251121	208490	5.52	147643	9.00	81320	11.81

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Instrument ID	: VOA123	**Analysis Date**	: 11/29/25 10:17:00
Sample No	: WG2148016-2	**Lab File ID**	: V23251129A02

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2148016-2	206936	5.52	154785	8.99	86212	11.80
Upper Limit	413872	6.02	309570	9.49	172424	12.30
Lower Limit	103468	5.02	77393	8.49	43106	11.30
Sample ID						
WG2148016-3 LCS	206936	5.52	154785	8.99	86212	11.80
WG2148016-4 LCSD	201028	5.52	152284	8.99	84635	11.80
WG2148016-5 BLANK	180652	5.52	129026	8.99	70089	11.81
TRIP BLANK_20251121	183711	5.52	129366	8.99	68937	11.81
PDI-2_48-50_20251121	214375	5.52	156182	8.99	90800	11.80
PDI-2_53-55_20251121	213458	5.52	157472	8.99	92448	11.81
PDI-6_48-50_20251121	296158	5.52	175143	9.00	96350	11.81

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Instrument ID	: VOA123	**Analysis Date**	: 11/30/25 16:39:00
Sample No	: WG2147797-2	**Lab File ID**	: V23251130A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2147797-2	217255	5.52	158239	8.99	88479	11.80
Upper Limit	434510	6.02	316478	9.49	176958	12.30
Lower Limit	108628	5.02	79120	8.49	44240	11.30
Sample ID						
WG2147797-3 LCS	217255	5.52	158239	8.99	88479	11.80
WG2147797-4 LCSD	209488	5.52	154971	8.99	85831	11.80
WG2147797-5 BLANK	195606	5.52	137272	8.99	75941	11.80
PDI-6_58-60_20251121	187245	5.52	137009	9.00	76091	11.81

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Instrument ID	: VOA123	**Analysis Date**	: 11/30/25 16:39:00
Sample No	: WG2147799-2	**Lab File ID**	: V23251130A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2147799-2	217255	5.52	158239	8.99	88479	11.80
Upper Limit	434510	6.02	316478	9.49	176958	12.30
Lower Limit	108628	5.02	79120	8.49	44240	11.30
Sample ID						
WG2147799-3 LCS	217255	5.52	158239	8.99	88479	11.80
WG2147799-4 LCSD	209488	5.52	154971	8.99	85831	11.80
WG2147799-5 BLANK	195606	5.52	137272	8.99	75941	11.80
PDI-6_53-55_20251121	192440	5.52	137792	9.00	77347	11.80
PDI-6_48-50_20251121	205583	5.52	144771	8.99	80976	11.81

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Date Created: 04/17/25
Created By: Jason Hebert
File: PM19302-1
Page: 1

Volatile Organics - EPA 8260D (WATER)

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

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

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

Volatile Organics - EPA 8260D (WATER)

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

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dichlorodifluoromethane	75-71-8	5	0.244	ug/l	36-147	20	36-147	20	20			
Acetone	67-64-1	5	1.46	ug/l	58-148	20	58-148	20	20			
Carbon disulfide	75-15-0	5	0.299	ug/l	51-130	20	51-130	20	20			
2-Butanone	78-93-3	5	1.94	ug/l	63-138	20	63-138	20	20			
Vinyl acetate	108-05-4	5	0.311	ug/l	70-130	20	70-130	20	20			
4-Methyl-2-pentanone	108-10-1	5	0.416	ug/l	59-130	20	59-130	20	20			
2-Hexanone	591-78-6	5	0.515	ug/l	57-130	20	57-130	20	20			
Ethyl methacrylate	97-63-2	5	0.606	ug/l	70-130	20	70-130	20	20			
Acrylonitrile	107-13-1	5	0.43	ug/l	70-130	20	70-130	20	20			
Bromochloromethane	74-97-5	2.5	0.152	ug/l	70-130	20	70-130	20	20			
Tetrahydrofuran	109-99-9	5	0.525	ug/l	58-130	20	58-130	20	20			
2,2-Dichloropropane	594-20-7	2.5	0.204	ug/l	63-133	20	63-133	20	20			
1,2-Dibromoethane	106-93-4	2	0.193	ug/l	70-130	20	70-130	20	20			
1,3-Dichloropropane	142-28-9	2.5	0.212	ug/l	70-130	20	70-130	20	20			
1,1,1,2-Tetrachloroethane	630-20-6	0.5	0.164	ug/l	64-130	20	64-130	20	20			
Bromobenzene	108-86-1	2.5	0.152	ug/l	70-130	20	70-130	20	20			
n-Butylbenzene	104-51-8	0.5	0.192	ug/l	53-136	20	53-136	20	20			
sec-Butylbenzene	135-98-8	0.5	0.181	ug/l	70-130	20	70-130	20	20			
tert-Butylbenzene	98-06-6	2.5	0.196	ug/l	70-130	20	70-130	20	20			
o-Chlorotoluene	95-49-8	2.5	0.215	ug/l	70-130	20	70-130	20	20			
p-Chlorotoluene	106-43-4	2.5	0.185	ug/l	70-130	20	70-130	20	20			
1,2-Dibromo-3-chloropropane	96-12-8	2.5	0.353	ug/l	41-144	20	41-144	20	20			
Hexachlorobutadiene	87-68-3	0.5	0.217	ug/l	63-130	20	63-130	20	20			
Isopropylbenzene	98-82-8	0.5	0.187	ug/l	70-130	20	70-130	20	20			
p-Isopropyltoluene	99-87-6	0.5	0.188	ug/l	70-130	20	70-130	20	20			
Naphthalene	91-20-3	2.5	0.216	ug/l	70-130	20	70-130	20	20			
n-Propylbenzene	103-65-1	0.5	0.173	ug/l	69-130	20	69-130	20	20			
1,2,3-Trichlorobenzene	87-61-6	2.5	0.234	ug/l	70-130	20	70-130	20	20			
1,2,4-Trichlorobenzene	120-82-1	2.5	0.22	ug/l	70-130	20	70-130	20	20			
1,3,5-Trimethylbenzene	108-67-8	2.5	0.217	ug/l	64-130	20	64-130	20	20			
1,2,4-Trimethylbenzene	95-63-6	2.5	0.191	ug/l	70-130	20	70-130	20	20			
trans-1,4-Dichloro-2-butene	110-57-6	2.5	0.213	ug/l	70-130	20	70-130	20	20			
Ethyl ether	60-29-7	2.5	0.163	ug/l	59-134	20	59-134	20	20			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
4-Bromofluorobenzene	*460-00-4*									*70-130*		
Dibromofluoromethane	*1868-53-7*									*70-130*		

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

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-01	Date Collected	: 11/21/25 09:00
Client ID	: TRIP BLANK_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 14:10
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A11	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 100
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.16	U
563-58-6	1,1-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-01	Date Collected	: 11/21/25 09:00
Client ID	: TRIP BLANK_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 14:10
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A11	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 100
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
1330-20-7	Xylenes, Total	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-01	Date Collected	: 11/21/25 09:00
Client ID	: TRIP BLANK_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 14:10
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A11	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 100
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	2.0	0.20	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.13	U
108-86-1	Bromobenzene	ND	2.0	0.14	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
87-68-3	Hexachlorobutadiene	ND	4.0	0.17	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
107-13-1	Acrylonitrile	ND	4.0	1.2	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
123-91-1	1,4-Dioxane	ND	80	35.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-01	Date Collected	: 11/21/25 09:00
Client ID	: TRIP BLANK_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 14:10
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A11	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 100
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U
60-29-7	Ethyl ether	ND	2.0	0.34	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	1.4	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-01	Date Collected	: 11/21/25 09:00
Client ID	: TRIP BLANK_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 13:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A10	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 100
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	ND	75	7.0	U
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
542-75-6	1,3-Dichloropropene, Total	ND	25	7.9	U
563-58-6	1,1-Dichloropropene	ND	25	8.0	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	ND	100	29.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-01	Date Collected	: 11/21/25 09:00
Client ID	: TRIP BLANK_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 13:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A10	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 100
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	50	17.	U
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
1330-20-7	Xylenes, Total	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
540-59-0	1,2-Dichloroethene, Total	ND	50	6.8	U
74-95-3	Dibromomethane	ND	100	12.	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-05-4	Vinyl acetate	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
96-18-4	1,2,3-Trichloropropane	ND	100	6.4	U
591-78-6	2-Hexanone	ND	500	59.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-01	Date Collected	: 11/21/25 09:00
Client ID	: TRIP BLANK_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 13:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A10	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 100
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	100	10.	U
594-20-7	2,2-Dichloropropane	ND	100	10.	U
106-93-4	1,2-Dibromoethane	ND	50	14.	U
142-28-9	1,3-Dichloropropane	ND	100	8.4	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	6.6	U
108-86-1	Bromobenzene	ND	100	7.2	U
104-51-8	n-Butylbenzene	ND	50	8.4	U
135-98-8	sec-Butylbenzene	ND	50	7.3	U
98-06-6	tert-Butylbenzene	ND	100	5.9	U
95-49-8	o-Chlorotoluene	ND	100	9.6	U
106-43-4	p-Chlorotoluene	ND	100	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
87-68-3	Hexachlorobutadiene	ND	200	8.4	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
99-87-6	p-Isopropyltoluene	ND	50	5.4	U
91-20-3	Naphthalene	ND	200	32.	U
107-13-1	Acrylonitrile	ND	200	58.	U
103-65-1	n-Propylbenzene	ND	50	8.6	U
87-61-6	1,2,3-Trichlorobenzene	ND	100	16.	U
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.6	U
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U
123-91-1	1,4-Dioxane	ND	4000	1800	U
105-05-5	p-Diethylbenzene	ND	100	8.8	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Lab ID	: L2574764-01	**Date Collected**	: 11/21/25 09:00
Client ID	: TRIP BLANK_20251121	**Date Received**	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	**Date Analyzed**	: 11/29/25 13:45
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V23251129A10	**Instrument ID**	: VOA123
Sample Amount	: 5.0 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 100
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
622-96-8	p-Ethyltoluene	ND	100	19.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	100	9.6	U
60-29-7	Ethyl ether	ND	100	17.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	71.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-02	Date Collected	: 11/21/25 10:20
Client ID	: PDI-2_48-50_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 19:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A23	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 87
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	320	150	U
75-34-3	1,1-Dichloroethane	ND	65	9.4	U
67-66-3	Chloroform	ND	97	9.0	U
56-23-5	Carbon tetrachloride	ND	65	15.	U
78-87-5	1,2-Dichloropropane	ND	65	8.1	U
124-48-1	Dibromochloromethane	ND	65	9.0	U
79-00-5	1,1,2-Trichloroethane	ND	65	17.	U
127-18-4	Tetrachloroethene	ND	32	13.	U
108-90-7	Chlorobenzene	ND	32	8.2	U
75-69-4	Trichlorofluoromethane	ND	260	45.	U
107-06-2	1,2-Dichloroethane	ND	65	17.	U
71-55-6	1,1,1-Trichloroethane	ND	32	11.	U
75-27-4	Bromodichloromethane	ND	32	7.0	U
10061-02-6	trans-1,3-Dichloropropene	ND	65	18.	U
10061-01-5	cis-1,3-Dichloropropene	ND	32	10.	U
542-75-6	1,3-Dichloropropene, Total	ND	32	10.	U
563-58-6	1,1-Dichloropropene	ND	32	10.	U
75-25-2	Bromoform	ND	260	16.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	32	11.	U
71-43-2	Benzene	ND	32	11.	U
108-88-3	Toluene	ND	65	35.	U
100-41-4	Ethylbenzene	23	65	9.1	J
74-87-3	Chloromethane	ND	260	60.	U
74-83-9	Bromomethane	ND	130	38.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-02	Date Collected	: 11/21/25 10:20
Client ID	: PDI-2_48-50_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 19:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A23	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 87
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	65	22.	U
75-00-3	Chloroethane	ND	130	29.	U
75-35-4	1,1-Dichloroethene	ND	65	15.	U
156-60-5	trans-1,2-Dichloroethene	ND	97	8.9	U
79-01-6	Trichloroethene	ND	32	8.9	U
95-50-1	1,2-Dichlorobenzene	ND	130	9.3	U
541-73-1	1,3-Dichlorobenzene	ND	130	9.6	U
106-46-7	1,4-Dichlorobenzene	ND	130	11.	U
1634-04-4	Methyl tert butyl ether	ND	130	13.	U
179601-23-1	p/m-Xylene	ND	130	36.	U
95-47-6	o-Xylene	ND	65	19.	U
1330-20-7	Xylenes, Total	ND	65	19.	U
156-59-2	cis-1,2-Dichloroethene	ND	65	11.	U
540-59-0	1,2-Dichloroethene, Total	ND	65	8.9	U
74-95-3	Dibromomethane	ND	130	15.	U
100-42-5	Styrene	ND	65	13.	U
75-71-8	Dichlorodifluoromethane	ND	650	59.	U
67-64-1	Acetone	ND	650	310	U
75-15-0	Carbon disulfide	ND	650	290	U
78-93-3	2-Butanone	ND	650	140	U
108-05-4	Vinyl acetate	ND	650	140	U
108-10-1	4-Methyl-2-pentanone	ND	650	83.	U
96-18-4	1,2,3-Trichloropropane	ND	130	8.2	U
591-78-6	2-Hexanone	ND	650	76.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-02	Date Collected	: 11/21/25 10:20
Client ID	: PDI-2_48-50_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 19:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A23	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 87
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	130	13.	U
594-20-7	2,2-Dichloropropane	ND	130	13.	U
106-93-4	1,2-Dibromoethane	ND	65	18.	U
142-28-9	1,3-Dichloropropane	ND	130	11.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	32	8.5	U
108-86-1	Bromobenzene	ND	130	9.4	U
104-51-8	n-Butylbenzene	1200	65	11.	
135-98-8	sec-Butylbenzene	590	65	9.4	
98-06-6	tert-Butylbenzene	91	130	7.6	J
95-49-8	o-Chlorotoluene	ND	130	12.	U
106-43-4	p-Chlorotoluene	ND	130	7.0	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	190	64.	U
87-68-3	Hexachlorobutadiene	ND	260	11.	U
98-82-8	Isopropylbenzene	1100	65	7.0	
99-87-6	p-Isopropyltoluene	540	65	7.0	
91-20-3	Naphthalene	88	260	42.	J
107-13-1	Acrylonitrile	ND	260	74.	U
103-65-1	n-Propylbenzene	2100	65	11.	
87-61-6	1,2,3-Trichlorobenzene	ND	130	21.	U
120-82-1	1,2,4-Trichlorobenzene	ND	130	18.	U
108-67-8	1,3,5-Trimethylbenzene	110	130	12.	J
95-63-6	1,2,4-Trimethylbenzene	120	130	22.	J
123-91-1	1,4-Dioxane	ND	5200	2300	U
105-05-5	p-Diethylbenzene	880	130	11.	

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-02	Date Collected	: 11/21/25 10:20
Client ID	: PDI-2_48-50_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 19:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A23	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 87
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	420	130	25.	
95-93-2	1,2,4,5-Tetramethylbenzene	1400	130	12.	
60-29-7	Ethyl ether	ND	130	22.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	320	92.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-03	Date Collected	: 11/21/25 10:30
Client ID	: PDI-2_53-55_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 19:48
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A24	Instrument ID	: VOA123
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	310	140	U
75-34-3	1,1-Dichloroethane	ND	63	9.1	U
67-66-3	Chloroform	ND	94	8.8	U
56-23-5	Carbon tetrachloride	ND	63	14.	U
78-87-5	1,2-Dichloropropane	ND	63	7.8	U
124-48-1	Dibromochloromethane	ND	63	8.8	U
79-00-5	1,1,2-Trichloroethane	ND	63	17.	U
127-18-4	Tetrachloroethene	ND	31	12.	U
108-90-7	Chlorobenzene	ND	31	8.0	U
75-69-4	Trichlorofluoromethane	ND	250	44.	U
107-06-2	1,2-Dichloroethane	ND	63	16.	U
71-55-6	1,1,1-Trichloroethane	ND	31	10.	U
75-27-4	Bromodichloromethane	ND	31	6.8	U
10061-02-6	trans-1,3-Dichloropropene	ND	63	17.	U
10061-01-5	cis-1,3-Dichloropropene	ND	31	9.9	U
542-75-6	1,3-Dichloropropene, Total	ND	31	9.9	U
563-58-6	1,1-Dichloropropene	ND	31	10.	U
75-25-2	Bromoform	ND	250	15.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	31	10.	U
71-43-2	Benzene	ND	31	10.	U
108-88-3	Toluene	ND	63	34.	U
100-41-4	Ethylbenzene	22	63	8.8	J
74-87-3	Chloromethane	ND	250	58.	U
74-83-9	Bromomethane	ND	120	36.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-03	Date Collected	: 11/21/25 10:30
Client ID	: PDI-2_53-55_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 19:48
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A24	Instrument ID	: VOA123
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	63	21.	U
75-00-3	Chloroethane	ND	120	28.	U
75-35-4	1,1-Dichloroethene	ND	63	15.	U
156-60-5	trans-1,2-Dichloroethene	ND	94	8.6	U
79-01-6	Trichloroethene	ND	31	8.6	U
95-50-1	1,2-Dichlorobenzene	ND	120	9.0	U
541-73-1	1,3-Dichlorobenzene	ND	120	9.3	U
106-46-7	1,4-Dichlorobenzene	ND	120	11.	U
1634-04-4	Methyl tert butyl ether	ND	120	13.	U
179601-23-1	p/m-Xylene	ND	120	35.	U
95-47-6	o-Xylene	ND	63	18.	U
1330-20-7	Xylenes, Total	ND	63	18.	U
156-59-2	cis-1,2-Dichloroethene	ND	63	11.	U
540-59-0	1,2-Dichloroethene, Total	ND	63	8.6	U
74-95-3	Dibromomethane	ND	120	15.	U
100-42-5	Styrene	ND	63	12.	U
75-71-8	Dichlorodifluoromethane	ND	630	57.	U
67-64-1	Acetone	ND	630	300	U
75-15-0	Carbon disulfide	ND	630	280	U
78-93-3	2-Butanone	ND	630	140	U
108-05-4	Vinyl acetate	ND	630	130	U
108-10-1	4-Methyl-2-pentanone	ND	630	80.	U
96-18-4	1,2,3-Trichloropropane	ND	120	8.0	U
591-78-6	2-Hexanone	ND	630	74.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-03	Date Collected	: 11/21/25 10:30
Client ID	: PDI-2_53-55_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 19:48
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A24	Instrument ID	: VOA123
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	120	13.	U
594-20-7	2,2-Dichloropropane	ND	120	13.	U
106-93-4	1,2-Dibromoethane	ND	63	18.	U
142-28-9	1,3-Dichloropropane	ND	120	10.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	31	8.3	U
108-86-1	Bromobenzene	ND	120	9.1	U
104-51-8	n-Butylbenzene	ND	63	10.	U
135-98-8	sec-Butylbenzene	30	63	9.2	J
98-06-6	tert-Butylbenzene	ND	120	7.4	U
95-49-8	o-Chlorotoluene	ND	120	12.	U
106-43-4	p-Chlorotoluene	ND	120	6.8	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	190	63.	U
87-68-3	Hexachlorobutadiene	ND	250	11.	U
98-82-8	Isopropylbenzene	13	63	6.8	J
99-87-6	p-Isopropyltoluene	ND	63	6.8	U
91-20-3	Naphthalene	71	250	41.	J
107-13-1	Acrylonitrile	ND	250	72.	U
103-65-1	n-Propylbenzene	ND	63	11.	U
87-61-6	1,2,3-Trichlorobenzene	ND	120	20.	U
120-82-1	1,2,4-Trichlorobenzene	ND	120	17.	U
108-67-8	1,3,5-Trimethylbenzene	28	120	12.	J
95-63-6	1,2,4-Trimethylbenzene	65	120	21.	J
123-91-1	1,4-Dioxane	ND	5000	2200	U
105-05-5	p-Diethylbenzene	ND	120	11.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-03	Date Collected	: 11/21/25 10:30
Client ID	: PDI-2_53-55_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 19:48
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A24	Instrument ID	: VOA123
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	ND	120	24.	U
95-93-2	1,2,4,5-Tetramethylbenzene	17	120	12.	J
60-29-7	Ethyl ether	ND	120	21.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	310	89.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-04	Date Collected	: 11/21/25 10:40
Client ID	: PDI-2_58-60_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 15:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A15	Instrument ID	: VOA123
Sample Amount	: 3.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 78
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	8.4	3.9	U
75-34-3	1,1-Dichloroethane	ND	1.7	0.24	U
67-66-3	Chloroform	ND	2.5	0.24	U
56-23-5	Carbon tetrachloride	ND	1.7	0.39	U
78-87-5	1,2-Dichloropropane	ND	1.7	0.21	U
124-48-1	Dibromochloromethane	ND	1.7	0.24	U
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.45	U
127-18-4	Tetrachloroethene	ND	0.84	0.33	U
108-90-7	Chlorobenzene	ND	0.84	0.21	U
75-69-4	Trichlorofluoromethane	ND	6.8	1.2	U
107-06-2	1,2-Dichloroethane	ND	1.7	0.43	U
71-55-6	1,1,1-Trichloroethane	ND	0.84	0.28	U
75-27-4	Bromodichloromethane	ND	0.84	0.18	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.46	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.84	0.27	U
542-75-6	1,3-Dichloropropene, Total	ND	0.84	0.27	U
563-58-6	1,1-Dichloropropene	ND	0.84	0.27	U
75-25-2	Bromoform	ND	6.8	0.42	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.84	0.28	U
71-43-2	Benzene	ND	0.84	0.28	U
108-88-3	Toluene	ND	1.7	0.92	U
100-41-4	Ethylbenzene	5.3	1.7	0.24	
74-87-3	Chloromethane	ND	6.8	1.6	U
74-83-9	Bromomethane	ND	3.4	0.98	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-04	Date Collected	: 11/21/25 10:40
Client ID	: PDI-2_58-60_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 15:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A15	Instrument ID	: VOA123
Sample Amount	: 3.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 78
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	1.7	0.57	U
75-00-3	Chloroethane	ND	3.4	0.76	U
75-35-4	1,1-Dichloroethene	ND	1.7	0.40	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.23	U
79-01-6	Trichloroethene	ND	0.84	0.23	U
95-50-1	1,2-Dichlorobenzene	ND	3.4	0.24	U
541-73-1	1,3-Dichlorobenzene	ND	3.4	0.25	U
106-46-7	1,4-Dichlorobenzene	ND	3.4	0.29	U
1634-04-4	Methyl tert butyl ether	ND	3.4	0.34	U
179601-23-1	p/m-Xylene	8.5	3.4	0.95	
95-47-6	o-Xylene	ND	1.7	0.49	U
1330-20-7	Xylenes, Total	8.5	1.7	0.49	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.30	U
540-59-0	1,2-Dichloroethene, Total	ND	1.7	0.23	U
74-95-3	Dibromomethane	ND	3.4	0.40	U
100-42-5	Styrene	ND	1.7	0.33	U
75-71-8	Dichlorodifluoromethane	ND	17	1.5	U
67-64-1	Acetone	ND	17	8.1	U
75-15-0	Carbon disulfide	ND	17	7.7	U
78-93-3	2-Butanone	ND	17	3.8	U
108-05-4	Vinyl acetate	ND	17	3.6	U
108-10-1	4-Methyl-2-pentanone	ND	17	2.2	U
96-18-4	1,2,3-Trichloropropane	ND	3.4	0.21	U
591-78-6	2-Hexanone	ND	17	2.0	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-04	Date Collected	: 11/21/25 10:40
Client ID	: PDI-2_58-60_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 15:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A15	Instrument ID	: VOA123
Sample Amount	: 3.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 78
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	3.4	0.35	U
594-20-7	2,2-Dichloropropane	ND	3.4	0.34	U
106-93-4	1,2-Dibromoethane	ND	1.7	0.47	U
142-28-9	1,3-Dichloropropane	ND	3.4	0.28	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.84	0.22	U
108-86-1	Bromobenzene	ND	3.4	0.24	U
104-51-8	n-Butylbenzene	5.6	1.7	0.28	
135-98-8	sec-Butylbenzene	3.5	1.7	0.25	
98-06-6	tert-Butylbenzene	0.30	3.4	0.20	J
95-49-8	o-Chlorotoluene	ND	3.4	0.32	U
106-43-4	p-Chlorotoluene	ND	3.4	0.18	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.1	1.7	U
87-68-3	Hexachlorobutadiene	ND	6.8	0.28	U
98-82-8	Isopropylbenzene	2.1	1.7	0.18	
99-87-6	p-Isopropyltoluene	2.9	1.7	0.18	
91-20-3	Naphthalene	4.9	6.8	1.1	J
107-13-1	Acrylonitrile	ND	6.8	1.9	U
103-65-1	n-Propylbenzene	4.5	1.7	0.29	
87-61-6	1,2,3-Trichlorobenzene	ND	3.4	0.54	U
120-82-1	1,2,4-Trichlorobenzene	ND	3.4	0.46	U
108-67-8	1,3,5-Trimethylbenzene	6.1	3.4	0.33	
95-63-6	1,2,4-Trimethylbenzene	28	3.4	0.56	
123-91-1	1,4-Dioxane	ND	140	59.	U
105-05-5	p-Diethylbenzene	2.2	3.4	0.30	J

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-04	Date Collected	: 11/21/25 10:40
Client ID	: PDI-2_58-60_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 15:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A15	Instrument ID	: VOA123
Sample Amount	: 3.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 78
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	7.8	3.4	0.65	
95-93-2	1,2,4,5-Tetramethylbenzene	5.1	3.4	0.32	
60-29-7	Ethyl ether	ND	3.4	0.58	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	8.4	2.4	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-05	Date Collected	: 11/21/25 10:50
Client ID	: PDI-2_63-65_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 16:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A16	Instrument ID	: VOA123
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 88
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.5	2.1	U
75-34-3	1,1-Dichloroethane	ND	0.90	0.13	U
67-66-3	Chloroform	ND	1.4	0.13	U
56-23-5	Carbon tetrachloride	ND	0.90	0.21	U
78-87-5	1,2-Dichloropropane	ND	0.90	0.11	U
124-48-1	Dibromochloromethane	ND	0.90	0.13	U
79-00-5	1,1,2-Trichloroethane	ND	0.90	0.24	U
127-18-4	Tetrachloroethene	ND	0.45	0.18	U
108-90-7	Chlorobenzene	ND	0.45	0.11	U
75-69-4	Trichlorofluoromethane	ND	3.6	0.63	U
107-06-2	1,2-Dichloroethane	ND	0.90	0.23	U
71-55-6	1,1,1-Trichloroethane	ND	0.45	0.15	U
75-27-4	Bromodichloromethane	ND	0.45	0.10	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.90	0.25	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.45	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.45	0.14	U
563-58-6	1,1-Dichloropropene	ND	0.45	0.14	U
75-25-2	Bromoform	ND	3.6	0.22	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.45	0.15	U
71-43-2	Benzene	ND	0.45	0.15	U
108-88-3	Toluene	ND	0.90	0.49	U
100-41-4	Ethylbenzene	6.3	0.90	0.13	
74-87-3	Chloromethane	ND	3.6	0.84	U
74-83-9	Bromomethane	ND	1.8	0.52	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-05	Date Collected	: 11/21/25 10:50
Client ID	: PDI-2_63-65_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 16:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A16	Instrument ID	: VOA123
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 88
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	0.90	0.30	U
75-00-3	Chloroethane	ND	1.8	0.41	U
75-35-4	1,1-Dichloroethene	ND	0.90	0.21	U
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.12	U
79-01-6	Trichloroethene	ND	0.45	0.12	U
95-50-1	1,2-Dichlorobenzene	ND	1.8	0.13	U
541-73-1	1,3-Dichlorobenzene	ND	1.8	0.13	U
106-46-7	1,4-Dichlorobenzene	ND	1.8	0.15	U
1634-04-4	Methyl tert butyl ether	ND	1.8	0.18	U
179601-23-1	p/m-Xylene	9.8	1.8	0.50	
95-47-6	o-Xylene	ND	0.90	0.26	U
1330-20-7	Xylenes, Total	9.8	0.90	0.26	
156-59-2	cis-1,2-Dichloroethene	ND	0.90	0.16	U
540-59-0	1,2-Dichloroethene, Total	ND	0.90	0.12	U
74-95-3	Dibromomethane	ND	1.8	0.21	U
100-42-5	Styrene	ND	0.90	0.18	U
75-71-8	Dichlorodifluoromethane	ND	9.0	0.82	U
67-64-1	Acetone	ND	9.0	4.3	U
75-15-0	Carbon disulfide	ND	9.0	4.1	U
78-93-3	2-Butanone	ND	9.0	2.0	U
108-05-4	Vinyl acetate	ND	9.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	9.0	1.2	U
96-18-4	1,2,3-Trichloropropane	ND	1.8	0.11	U
591-78-6	2-Hexanone	ND	9.0	1.1	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-05	Date Collected	: 11/21/25 10:50
Client ID	: PDI-2_63-65_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 16:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A16	Instrument ID	: VOA123
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 88
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	1.8	0.18	U
594-20-7	2,2-Dichloropropane	ND	1.8	0.18	U
106-93-4	1,2-Dibromoethane	ND	0.90	0.25	U
142-28-9	1,3-Dichloropropane	ND	1.8	0.15	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.45	0.12	U
108-86-1	Bromobenzene	ND	1.8	0.13	U
104-51-8	n-Butylbenzene	0.50	0.90	0.15	J
135-98-8	sec-Butylbenzene	0.37	0.90	0.13	J
98-06-6	tert-Butylbenzene	ND	1.8	0.11	U
95-49-8	o-Chlorotoluene	ND	1.8	0.17	U
106-43-4	p-Chlorotoluene	ND	1.8	0.10	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.7	0.90	U
87-68-3	Hexachlorobutadiene	ND	3.6	0.15	U
98-82-8	Isopropylbenzene	0.85	0.90	0.10	J
99-87-6	p-Isopropyltoluene	0.29	0.90	0.10	J
91-20-3	Naphthalene	1.3	3.6	0.59	J
107-13-1	Acrylonitrile	ND	3.6	1.0	U
103-65-1	n-Propylbenzene	2.0	0.90	0.15	
87-61-6	1,2,3-Trichlorobenzene	ND	1.8	0.29	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.8	0.24	U
108-67-8	1,3,5-Trimethylbenzene	4.3	1.8	0.17	
95-63-6	1,2,4-Trimethylbenzene	13	1.8	0.30	
123-91-1	1,4-Dioxane	ND	72	32.	U
105-05-5	p-Diethylbenzene	ND	1.8	0.16	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Lab ID	: L2574764-05	**Date Collected**	: 11/21/25 10:50
Client ID	: PDI-2_63-65_20251121	**Date Received**	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	**Date Analyzed**	: 11/29/25 16:20
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V23251129A16	**Instrument ID**	: VOA123
Sample Amount	: 6.3 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 88
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
622-96-8	p-Ethyltoluene	3.7	1.8	0.35	
95-93-2	1,2,4,5-Tetramethylbenzene	0.92	1.8	0.17	J
60-29-7	Ethyl ether	ND	1.8	0.31	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.5	1.3	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Lab ID	: L2574764-06D2	**Date Collected**	: 11/21/25 13:50
Client ID	: PDI-6_48-50_20251121	**Date Received**	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	**Date Analyzed**	: 12/01/25 02:34
Sample Matrix	: SOIL	**Dilution Factor**	: 20
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V23251130A23	**Instrument ID**	: VOA123
Sample Amount	: 5.9 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 85
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
100-41-4	Ethylbenzene	86000	1200	160	
95-63-6	1,2,4-Trimethylbenzene	160000	2300	390	

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-06D	Date Collected	: 11/21/25 13:50
Client ID	: PDI-6_48-50_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 20:14
Sample Matrix	: SOIL	Dilution Factor	: 4
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A25	Instrument ID	: VOA123
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 85
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	1200	530	U
75-34-3	1,1-Dichloroethane	ND	230	34.	U
67-66-3	Chloroform	ND	350	32.	U
56-23-5	Carbon tetrachloride	ND	230	53.	U
78-87-5	1,2-Dichloropropane	ND	230	29.	U
124-48-1	Dibromochloromethane	ND	230	32.	U
79-00-5	1,1,2-Trichloroethane	ND	230	62.	U
127-18-4	Tetrachloroethene	ND	120	46.	U
108-90-7	Chlorobenzene	ND	120	30.	U
75-69-4	Trichlorofluoromethane	ND	930	160	U
107-06-2	1,2-Dichloroethane	ND	230	60.	U
71-55-6	1,1,1-Trichloroethane	ND	120	39.	U
75-27-4	Bromodichloromethane	ND	120	25.	U
10061-02-6	trans-1,3-Dichloropropene	ND	230	63.	U
10061-01-5	cis-1,3-Dichloropropene	ND	120	37.	U
542-75-6	1,3-Dichloropropene, Total	ND	120	37.	U
563-58-6	1,1-Dichloropropene	ND	120	37.	U
75-25-2	Bromoform	ND	930	57.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	120	38.	U
71-43-2	Benzene	ND	120	38.	U
108-88-3	Toluene	130	230	130	J
100-41-4	Ethylbenzene	86000	230	33.	E
74-87-3	Chloromethane	ND	930	220	U
74-83-9	Bromomethane	ND	460	140	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-06D	Date Collected	: 11/21/25 13:50
Client ID	: PDI-6_48-50_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 20:14
Sample Matrix	: SOIL	Dilution Factor	: 4
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A25	Instrument ID	: VOA123
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 85
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	230	78.	U
75-00-3	Chloroethane	140	460	100	J
75-35-4	1,1-Dichloroethene	ND	230	55.	U
156-60-5	trans-1,2-Dichloroethene	ND	350	32.	U
79-01-6	Trichloroethene	ND	120	32.	U
95-50-1	1,2-Dichlorobenzene	ND	460	33.	U
541-73-1	1,3-Dichlorobenzene	ND	460	34.	U
106-46-7	1,4-Dichlorobenzene	ND	460	40.	U
1634-04-4	Methyl tert butyl ether	ND	460	47.	U
179601-23-1	p/m-Xylene	90000	460	130	
95-47-6	o-Xylene	160	230	68.	J
1330-20-7	Xylenes, Total	90000	230	68.	J
156-59-2	cis-1,2-Dichloroethene	ND	230	41.	U
540-59-0	1,2-Dichloroethene, Total	ND	230	32.	U
74-95-3	Dibromomethane	ND	460	55.	U
100-42-5	Styrene	ND	230	46.	U
75-71-8	Dichlorodifluoromethane	ND	2300	210	U
67-64-1	Acetone	ND	2300	1100	U
75-15-0	Carbon disulfide	ND	2300	1000	U
78-93-3	2-Butanone	ND	2300	520	U
108-05-4	Vinyl acetate	ND	2300	500	U
108-10-1	4-Methyl-2-pentanone	ND	2300	300	U
96-18-4	1,2,3-Trichloropropane	ND	460	30.	U
591-78-6	2-Hexanone	ND	2300	270	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-06D	Date Collected	: 11/21/25 13:50
Client ID	: PDI-6_48-50_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 20:14
Sample Matrix	: SOIL	Dilution Factor	: 4
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A25	Instrument ID	: VOA123
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 85
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	460	48.	U
594-20-7	2,2-Dichloropropane	ND	460	47.	U
106-93-4	1,2-Dibromoethane	ND	230	65.	U
142-28-9	1,3-Dichloropropane	ND	460	39.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	120	31.	U
108-86-1	Bromobenzene	ND	460	34.	U
104-51-8	n-Butylbenzene	12000	230	39.	
135-98-8	sec-Butylbenzene	4500	230	34.	
98-06-6	tert-Butylbenzene	ND	460	27.	U
95-49-8	o-Chlorotoluene	ND	460	44.	U
106-43-4	p-Chlorotoluene	ND	460	25.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	700	230	U
87-68-3	Hexachlorobutadiene	ND	930	39.	U
98-82-8	Isopropylbenzene	10000	230	25.	
99-87-6	p-Isopropyltoluene	4200	230	25.	
91-20-3	Naphthalene	29000	930	150	
107-13-1	Acrylonitrile	ND	930	270	U
103-65-1	n-Propylbenzene	36000	230	40.	
87-61-6	1,2,3-Trichlorobenzene	ND	460	75.	U
120-82-1	1,2,4-Trichlorobenzene	ND	460	63.	U
108-67-8	1,3,5-Trimethylbenzene	48000	460	45.	
95-63-6	1,2,4-Trimethylbenzene	160000	460	78.	E
123-91-1	1,4-Dioxane	ND	18000	8200	U
105-05-5	p-Diethylbenzene	6800	460	41.	

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-06D	Date Collected	: 11/21/25 13:50
Client ID	: PDI-6_48-50_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 20:14
Sample Matrix	: SOIL	Dilution Factor	: 4
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A25	Instrument ID	: VOA123
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 85
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	55000	460	89.	
95-93-2	1,2,4,5-Tetramethylbenzene	22000	460	44.	
60-29-7	Ethyl ether	ND	460	79.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	1200	330	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-07	Date Collected	: 11/21/25 14:00
Client ID	: PDI-6_53-55_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 12/01/25 02:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251130A22	Instrument ID	: VOA123
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 91
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	240	110	U
75-34-3	1,1-Dichloroethane	ND	48	7.0	U
67-66-3	Chloroform	ND	73	6.8	U
56-23-5	Carbon tetrachloride	ND	48	11.	U
78-87-5	1,2-Dichloropropane	ND	48	6.1	U
124-48-1	Dibromochloromethane	ND	48	6.8	U
79-00-5	1,1,2-Trichloroethane	ND	48	13.	U
127-18-4	Tetrachloroethene	ND	24	9.5	U
108-90-7	Chlorobenzene	ND	24	6.2	U
75-69-4	Trichlorofluoromethane	ND	190	34.	U
107-06-2	1,2-Dichloroethane	ND	48	12.	U
71-55-6	1,1,1-Trichloroethane	ND	24	8.1	U
75-27-4	Bromodichloromethane	ND	24	5.3	U
10061-02-6	trans-1,3-Dichloropropene	ND	48	13.	U
10061-01-5	cis-1,3-Dichloropropene	ND	24	7.7	U
542-75-6	1,3-Dichloropropene, Total	ND	24	7.7	U
563-58-6	1,1-Dichloropropene	ND	24	7.7	U
75-25-2	Bromoform	ND	190	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	24	8.0	U
71-43-2	Benzene	ND	24	8.0	U
108-88-3	Toluene	ND	48	26.	U
100-41-4	Ethylbenzene	96	48	6.8	
74-87-3	Chloromethane	ND	190	45.	U
74-83-9	Bromomethane	ND	97	28.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-07	Date Collected	: 11/21/25 14:00
Client ID	: PDI-6_53-55_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 12/01/25 02:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251130A22	Instrument ID	: VOA123
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 91
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	48	16.	U
75-00-3	Chloroethane	ND	97	22.	U
75-35-4	1,1-Dichloroethene	ND	48	12.	U
156-60-5	trans-1,2-Dichloroethene	ND	73	6.6	U
79-01-6	Trichloroethene	ND	24	6.6	U
95-50-1	1,2-Dichlorobenzene	ND	97	7.0	U
541-73-1	1,3-Dichlorobenzene	ND	97	7.2	U
106-46-7	1,4-Dichlorobenzene	ND	97	8.3	U
1634-04-4	Methyl tert butyl ether	ND	97	9.7	U
179601-23-1	p/m-Xylene	78	97	27.	J
95-47-6	o-Xylene	ND	48	14.	U
1330-20-7	Xylenes, Total	78	48	14.	J
156-59-2	cis-1,2-Dichloroethene	ND	48	8.5	U
540-59-0	1,2-Dichloroethene, Total	ND	48	6.6	U
74-95-3	Dibromomethane	ND	97	12.	U
100-42-5	Styrene	ND	48	9.5	U
75-71-8	Dichlorodifluoromethane	ND	480	44.	U
67-64-1	Acetone	ND	480	230	U
75-15-0	Carbon disulfide	ND	480	220	U
78-93-3	2-Butanone	ND	480	110	U
108-05-4	Vinyl acetate	ND	480	100	U
108-10-1	4-Methyl-2-pentanone	ND	480	62.	U
96-18-4	1,2,3-Trichloropropane	ND	97	6.2	U
591-78-6	2-Hexanone	ND	480	57.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-07	Date Collected	: 11/21/25 14:00
Client ID	: PDI-6_53-55_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 12/01/25 02:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251130A22	Instrument ID	: VOA123
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 91
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	97	9.9	U
594-20-7	2,2-Dichloropropane	ND	97	9.8	U
106-93-4	1,2-Dibromoethane	ND	48	14.	U
142-28-9	1,3-Dichloropropane	ND	97	8.1	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	24	6.4	U
108-86-1	Bromobenzene	ND	97	7.0	U
104-51-8	n-Butylbenzene	24	48	8.1	J
135-98-8	sec-Butylbenzene	13	48	7.1	J
98-06-6	tert-Butylbenzene	ND	97	5.7	U
95-49-8	o-Chlorotoluene	ND	97	9.3	U
106-43-4	p-Chlorotoluene	ND	97	5.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	140	48.	U
87-68-3	Hexachlorobutadiene	ND	190	8.2	U
98-82-8	Isopropylbenzene	14	48	5.3	J
99-87-6	p-Isopropyltoluene	8.8	48	5.3	J
91-20-3	Naphthalene	72	190	32.	J
107-13-1	Acrylonitrile	ND	190	56.	U
103-65-1	n-Propylbenzene	52	48	8.3	
87-61-6	1,2,3-Trichlorobenzene	ND	97	16.	U
120-82-1	1,2,4-Trichlorobenzene	ND	97	13.	U
108-67-8	1,3,5-Trimethylbenzene	62	97	9.4	J
95-63-6	1,2,4-Trimethylbenzene	200	97	16.	
123-91-1	1,4-Dioxane	ND	3900	1700	U
105-05-5	p-Diethylbenzene	ND	97	8.6	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-07	Date Collected	: 11/21/25 14:00
Client ID	: PDI-6_53-55_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 12/01/25 02:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251130A22	Instrument ID	: VOA123
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 91
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	69	97	19.	J
95-93-2	1,2,4,5-Tetramethylbenzene	61	97	9.3	J
60-29-7	Ethyl ether	ND	97	16.	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	240	69.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-07	Date Collected	: 11/21/25 14:00
Client ID	: PDI-6_53-55_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 16:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A17	Instrument ID	: VOA123
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.1	2.4	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	0.50	0.51	0.20	J
108-90-7	Chlorobenzene	ND	0.51	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.1	0.71	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.51	0.17	U
75-27-4	Bromodichloromethane	ND	0.51	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.51	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.51	0.16	U
563-58-6	1,1-Dichloropropene	ND	0.51	0.16	U
75-25-2	Bromoform	ND	4.1	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.51	0.17	U
71-43-2	Benzene	ND	0.51	0.17	U
108-88-3	Toluene	4.0	1.0	0.56	
100-41-4	Ethylbenzene	1700	1.0	0.14	E
74-87-3	Chloromethane	ND	4.1	0.96	U
74-83-9	Bromomethane	ND	2.0	0.60	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-07	Date Collected	: 11/21/25 14:00
Client ID	: PDI-6_53-55_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 16:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A17	Instrument ID	: VOA123
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	0.65	2.0	0.46	J
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.51	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.21	U
179601-23-1	p/m-Xylene	2700	2.0	0.58	E
95-47-6	o-Xylene	7.2	1.0	0.30	
1330-20-7	Xylenes, Total	85	1.0	0.30	J
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.94	U
67-64-1	Acetone	ND	10	4.9	U
75-15-0	Carbon disulfide	ND	10	4.7	U
78-93-3	2-Butanone	ND	10	2.3	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-07	Date Collected	: 11/21/25 14:00
Client ID	: PDI-6_53-55_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 16:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A17	Instrument ID	: VOA123
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	2.0	0.21	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.21	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.51	0.14	U
108-86-1	Bromobenzene	ND	2.0	0.15	U
104-51-8	n-Butylbenzene	310	1.0	0.17	E
135-98-8	sec-Butylbenzene	220	1.0	0.15	
98-06-6	tert-Butylbenzene	13	2.0	0.12	
95-49-8	o-Chlorotoluene	ND	2.0	0.20	U
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.0	U
87-68-3	Hexachlorobutadiene	ND	4.1	0.17	U
98-82-8	Isopropylbenzene	690	1.0	0.11	E
99-87-6	p-Isopropyltoluene	160	1.0	0.11	
91-20-3	Naphthalene	130	4.1	0.67	
107-13-1	Acrylonitrile	ND	4.1	1.2	U
103-65-1	n-Propylbenzene	1600	1.0	0.18	E
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.33	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.28	U
108-67-8	1,3,5-Trimethylbenzene	1800	2.0	0.20	E
95-63-6	1,2,4-Trimethylbenzene	2800	2.0	0.34	E
123-91-1	1,4-Dioxane	ND	82	36.	U
105-05-5	p-Diethylbenzene	200	2.0	0.18	

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-07	Date Collected	: 11/21/25 14:00
Client ID	: PDI-6_53-55_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 16:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A17	Instrument ID	: VOA123
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	1900	2.0	0.39	E
95-93-2	1,2,4,5-Tetramethylbenzene	230	2.0	0.20	
60-29-7	Ethyl ether	ND	2.0	0.35	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.1	1.4	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-08	Date Collected	: 11/21/25 14:10
Client ID	: PDI-6_58-60_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 12/01/25 00:24
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251130A18	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.4	2.5	U
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	U
67-66-3	Chloroform	ND	1.6	0.15	U
56-23-5	Carbon tetrachloride	ND	1.1	0.25	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U
124-48-1	Dibromochloromethane	ND	1.1	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.29	U
127-18-4	Tetrachloroethene	1.8	0.54	0.21	
108-90-7	Chlorobenzene	ND	0.54	0.14	U
75-69-4	Trichlorofluoromethane	ND	4.4	0.76	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.28	U
71-55-6	1,1,1-Trichloroethane	ND	0.54	0.18	U
75-27-4	Bromodichloromethane	ND	0.54	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.30	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.54	0.17	U
542-75-6	1,3-Dichloropropene, Total	ND	0.54	0.17	U
563-58-6	1,1-Dichloropropene	ND	0.54	0.17	U
75-25-2	Bromoform	ND	4.4	0.27	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.54	0.18	U
71-43-2	Benzene	ND	0.54	0.18	U
108-88-3	Toluene	ND	1.1	0.59	U
100-41-4	Ethylbenzene	6.7	1.1	0.15	
74-87-3	Chloromethane	ND	4.4	1.0	U
74-83-9	Bromomethane	ND	2.2	0.63	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-08	Date Collected	: 11/21/25 14:10
Client ID	: PDI-6_58-60_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 12/01/25 00:24
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251130A18	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	1.1	0.36	U
75-00-3	Chloroethane	ND	2.2	0.49	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.26	U
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.15	U
79-01-6	Trichloroethene	ND	0.54	0.15	U
95-50-1	1,2-Dichlorobenzene	ND	2.2	0.16	U
541-73-1	1,3-Dichlorobenzene	ND	2.2	0.16	U
106-46-7	1,4-Dichlorobenzene	ND	2.2	0.19	U
1634-04-4	Methyl tert butyl ether	ND	2.2	0.22	U
179601-23-1	p/m-Xylene	6.5	2.2	0.61	
95-47-6	o-Xylene	ND	1.1	0.32	U
1330-20-7	Xylenes, Total	6.5	1.1	0.32	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	1.1	0.15	U
74-95-3	Dibromomethane	ND	2.2	0.26	U
100-42-5	Styrene	ND	1.1	0.21	U
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U
67-64-1	Acetone	ND	11	5.2	U
75-15-0	Carbon disulfide	ND	11	5.0	U
78-93-3	2-Butanone	ND	11	2.4	U
108-05-4	Vinyl acetate	ND	11	2.3	U
108-10-1	4-Methyl-2-pentanone	ND	11	1.4	U
96-18-4	1,2,3-Trichloropropane	ND	2.2	0.14	U
591-78-6	2-Hexanone	ND	11	1.3	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-08	Date Collected	: 11/21/25 14:10
Client ID	: PDI-6_58-60_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 12/01/25 00:24
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251130A18	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	2.2	0.22	U
594-20-7	2,2-Dichloropropane	ND	2.2	0.22	U
106-93-4	1,2-Dibromoethane	ND	1.1	0.30	U
142-28-9	1,3-Dichloropropane	ND	2.2	0.18	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.54	0.14	U
108-86-1	Bromobenzene	ND	2.2	0.16	U
104-51-8	n-Butylbenzene	2.8	1.1	0.18	
135-98-8	sec-Butylbenzene	1.1	1.1	0.16	
98-06-6	tert-Butylbenzene	ND	2.2	0.13	U
95-49-8	o-Chlorotoluene	ND	2.2	0.21	U
106-43-4	p-Chlorotoluene	ND	2.2	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.3	1.1	U
87-68-3	Hexachlorobutadiene	ND	4.4	0.18	U
98-82-8	Isopropylbenzene	1.3	1.1	0.12	
99-87-6	p-Isopropyltoluene	1.0	1.1	0.12	J
91-20-3	Naphthalene	23	4.4	0.71	
107-13-1	Acrylonitrile	ND	4.4	1.2	U
103-65-1	n-Propylbenzene	5.2	1.1	0.19	
87-61-6	1,2,3-Trichlorobenzene	ND	2.2	0.35	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.2	0.30	U
108-67-8	1,3,5-Trimethylbenzene	7.6	2.2	0.21	
95-63-6	1,2,4-Trimethylbenzene	29	2.2	0.36	
123-91-1	1,4-Dioxane	ND	87	38.	U
105-05-5	p-Diethylbenzene	ND	2.2	0.19	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Lab ID	: L2574764-08	**Date Collected**	: 11/21/25 14:10
Client ID	: PDI-6_58-60_20251121	**Date Received**	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	**Date Analyzed**	: 12/01/25 00:24
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V23251130A18	**Instrument ID**	: VOA123
Sample Amount	: 5.0 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 93
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
622-96-8	p-Ethyltoluene	7.7	2.2	0.42	
95-93-2	1,2,4,5-Tetramethylbenzene	9.3	2.2	0.21	
60-29-7	Ethyl ether	ND	2.2	0.37	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.4	1.5	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-09	Date Collected	: 11/21/25 14:20
Client ID	: PDI-6_63-65_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 17:38
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A19	Instrument ID	: VOA123
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.7	2.1	U
75-34-3	1,1-Dichloroethane	ND	0.93	0.14	U
67-66-3	Chloroform	ND	1.4	0.13	U
56-23-5	Carbon tetrachloride	ND	0.93	0.21	U
78-87-5	1,2-Dichloropropane	ND	0.93	0.12	U
124-48-1	Dibromochloromethane	ND	0.93	0.13	U
79-00-5	1,1,2-Trichloroethane	ND	0.93	0.25	U
127-18-4	Tetrachloroethene	0.30	0.47	0.18	J
108-90-7	Chlorobenzene	ND	0.47	0.12	U
75-69-4	Trichlorofluoromethane	ND	3.7	0.65	U
107-06-2	1,2-Dichloroethane	ND	0.93	0.24	U
71-55-6	1,1,1-Trichloroethane	ND	0.47	0.16	U
75-27-4	Bromodichloromethane	ND	0.47	0.10	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.93	0.25	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.47	0.15	U
542-75-6	1,3-Dichloropropene, Total	ND	0.47	0.15	U
563-58-6	1,1-Dichloropropene	ND	0.47	0.15	U
75-25-2	Bromoform	ND	3.7	0.23	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.47	0.15	U
71-43-2	Benzene	ND	0.47	0.15	U
108-88-3	Toluene	ND	0.93	0.51	U
100-41-4	Ethylbenzene	0.44	0.93	0.13	J
74-87-3	Chloromethane	ND	3.7	0.87	U
74-83-9	Bromomethane	ND	1.9	0.54	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-09	Date Collected	: 11/21/25 14:20
Client ID	: PDI-6_63-65_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 17:38
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A19	Instrument ID	: VOA123
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	0.93	0.31	U
75-00-3	Chloroethane	ND	1.9	0.42	U
75-35-4	1,1-Dichloroethene	ND	0.93	0.22	U
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.13	U
79-01-6	Trichloroethene	ND	0.47	0.13	U
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.13	U
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.16	U
1634-04-4	Methyl tert butyl ether	ND	1.9	0.19	U
179601-23-1	p/m-Xylene	ND	1.9	0.52	U
95-47-6	o-Xylene	ND	0.93	0.27	U
1330-20-7	Xylenes, Total	ND	0.93	0.27	U
156-59-2	cis-1,2-Dichloroethene	ND	0.93	0.16	U
540-59-0	1,2-Dichloroethene, Total	ND	0.93	0.13	U
74-95-3	Dibromomethane	ND	1.9	0.22	U
100-42-5	Styrene	ND	0.93	0.18	U
75-71-8	Dichlorodifluoromethane	ND	9.3	0.85	U
67-64-1	Acetone	ND	9.3	4.5	U
75-15-0	Carbon disulfide	ND	9.3	4.2	U
78-93-3	2-Butanone	ND	9.3	2.1	U
108-05-4	Vinyl acetate	ND	9.3	2.0	U
108-10-1	4-Methyl-2-pentanone	ND	9.3	1.2	U
96-18-4	1,2,3-Trichloropropane	ND	1.9	0.12	U
591-78-6	2-Hexanone	ND	9.3	1.1	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-09	Date Collected	: 11/21/25 14:20
Client ID	: PDI-6_63-65_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/29/25 17:38
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23251129A19	Instrument ID	: VOA123
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-97-5	Bromochloromethane	ND	1.9	0.19	U
594-20-7	2,2-Dichloropropane	ND	1.9	0.19	U
106-93-4	1,2-Dibromoethane	ND	0.93	0.26	U
142-28-9	1,3-Dichloropropane	ND	1.9	0.16	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.47	0.12	U
108-86-1	Bromobenzene	ND	1.9	0.14	U
104-51-8	n-Butylbenzene	ND	0.93	0.16	U
135-98-8	sec-Butylbenzene	ND	0.93	0.14	U
98-06-6	tert-Butylbenzene	ND	1.9	0.11	U
95-49-8	o-Chlorotoluene	ND	1.9	0.18	U
106-43-4	p-Chlorotoluene	ND	1.9	0.10	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.8	0.93	U
87-68-3	Hexachlorobutadiene	ND	3.7	0.16	U
98-82-8	Isopropylbenzene	ND	0.93	0.10	U
99-87-6	p-Isopropyltoluene	ND	0.93	0.10	U
91-20-3	Naphthalene	5.0	3.7	0.61	
107-13-1	Acrylonitrile	ND	3.7	1.1	U
103-65-1	n-Propylbenzene	0.26	0.93	0.16	J
87-61-6	1,2,3-Trichlorobenzene	ND	1.9	0.30	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.9	0.25	U
108-67-8	1,3,5-Trimethylbenzene	0.37	1.9	0.18	J
95-63-6	1,2,4-Trimethylbenzene	1.5	1.9	0.31	J
123-91-1	1,4-Dioxane	ND	75	33.	U
105-05-5	p-Diethylbenzene	ND	1.9	0.16	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Lab ID	: L2574764-09	**Date Collected**	: 11/21/25 14:20
Client ID	: PDI-6_63-65_20251121	**Date Received**	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	**Date Analyzed**	: 11/29/25 17:38
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V23251129A19	**Instrument ID**	: VOA123
Sample Amount	: 6.1 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 87
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
622-96-8	p-Ethyltoluene	0.41	1.9	0.36	J
95-93-2	1,2,4,5-Tetramethylbenzene	0.91	1.9	0.18	J
60-29-7	Ethyl ether	ND	1.9	0.32	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.7	1.3	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: WG2147797-5	Date Collected	: NA
Client ID	: WG2147797-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/30/25 18:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V23251130A05	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	0.14	1.5	0.14	J
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.16	U
563-58-6	1,1-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: WG2147797-5	Date Collected	: NA
Client ID	: WG2147797-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/30/25 18:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V23251130A05	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
1330-20-7	Xylenes, Total	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: WG2147797-5	Date Collected	: NA
Client ID	: WG2147797-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/30/25 18:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V23251130A05	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.13	U
108-86-1	Bromobenzene	ND	2.0	0.14	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
87-68-3	Hexachlorobutadiene	ND	4.0	0.17	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
107-13-1	Acrylonitrile	ND	4.0	1.2	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
123-91-1	1,4-Dioxane	ND	80	35.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U
60-29-7	Ethyl ether	ND	2.0	0.34	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Lab ID	: WG2147797-5	**Date Collected**	: NA
Client ID	: WG2147797-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 11/30/25 18:23
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: RAW
Lab File ID	: V23251130A05	**Instrument ID**	: VOA123
Sample Amount	: 5.0 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: NA
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	1.4	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: WG2147799-5	Date Collected	: NA
Client ID	: WG2147799-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/30/25 18:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V23251130A05	Instrument ID	: VOA123
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	7.2	75	7.0	J
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
542-75-6	1,3-Dichloropropene, Total	ND	25	7.9	U
563-58-6	1,1-Dichloropropene	ND	25	8.0	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	ND	100	29.	U
75-01-4	Vinyl chloride	ND	50	17.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: WG2147799-5	Date Collected	: NA
Client ID	: WG2147799-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/30/25 18:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V23251130A05	Instrument ID	: VOA123
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
1330-20-7	Xylenes, Total	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
540-59-0	1,2-Dichloroethene, Total	ND	50	6.8	U
74-95-3	Dibromomethane	ND	100	12.	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-05-4	Vinyl acetate	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
96-18-4	1,2,3-Trichloropropane	ND	100	6.4	U
591-78-6	2-Hexanone	ND	500	59.	U
74-97-5	Bromochloromethane	ND	100	10.	U
594-20-7	2,2-Dichloropropane	ND	100	10.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: WG2147799-5	Date Collected	: NA
Client ID	: WG2147799-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/30/25 18:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V23251130A05	Instrument ID	: VOA123
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	50	14.	U
142-28-9	1,3-Dichloropropane	ND	100	8.4	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	6.6	U
108-86-1	Bromobenzene	ND	100	7.2	U
104-51-8	n-Butylbenzene	ND	50	8.4	U
135-98-8	sec-Butylbenzene	ND	50	7.3	U
98-06-6	tert-Butylbenzene	ND	100	5.9	U
95-49-8	o-Chlorotoluene	ND	100	9.6	U
106-43-4	p-Chlorotoluene	ND	100	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
87-68-3	Hexachlorobutadiene	ND	200	8.4	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
99-87-6	p-Isopropyltoluene	ND	50	5.4	U
91-20-3	Naphthalene	ND	200	32.	U
107-13-1	Acrylonitrile	ND	200	58.	U
103-65-1	n-Propylbenzene	ND	50	8.6	U
87-61-6	1,2,3-Trichlorobenzene	ND	100	16.	U
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.6	U
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U
123-91-1	1,4-Dioxane	ND	4000	1800	U
105-05-5	p-Diethylbenzene	ND	100	8.8	U
622-96-8	p-Ethyltoluene	ND	100	19.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	100	9.6	U
60-29-7	Ethyl ether	ND	100	17.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Lab ID	: WG2147799-5	**Date Collected**	: NA
Client ID	: WG2147799-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 11/30/25 18:23
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: RAW
Lab File ID	: V23251130A05	**Instrument ID**	: VOA123
Sample Amount	: 15.0 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: NA
Extract Volume (MeOH)	: 15 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	71.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: WG2148015-5	Date Collected	: NA
Client ID	: WG2148015-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/29/25 11:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V23251129A05	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.16	U
563-58-6	1,1-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: WG2148015-5	Date Collected	: NA
Client ID	: WG2148015-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/29/25 11:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V23251129A05	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
1330-20-7	Xylenes, Total	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: WG2148015-5	Date Collected	: NA
Client ID	: WG2148015-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/29/25 11:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V23251129A05	Instrument ID	: VOA123
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.13	U
108-86-1	Bromobenzene	ND	2.0	0.14	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
87-68-3	Hexachlorobutadiene	ND	4.0	0.17	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
107-13-1	Acrylonitrile	ND	4.0	1.2	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
123-91-1	1,4-Dioxane	ND	80	35.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U
60-29-7	Ethyl ether	ND	2.0	0.34	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Lab ID	: WG2148015-5	**Date Collected**	: NA
Client ID	: WG2148015-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 11/29/25 11:35
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MNF
Lab File ID	: V23251129A05	**Instrument ID**	: VOA123
Sample Amount	: 5.0 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: NA
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	1.4	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: WG2148016-5	Date Collected	: NA
Client ID	: WG2148016-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/29/25 11:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V23251129A05	Instrument ID	: VOA123
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	ND	75	7.0	U
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
542-75-6	1,3-Dichloropropene, Total	ND	25	7.9	U
563-58-6	1,1-Dichloropropene	ND	25	8.0	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	ND	100	29.	U
75-01-4	Vinyl chloride	ND	50	17.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: WG2148016-5	Date Collected	: NA
Client ID	: WG2148016-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/29/25 11:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V23251129A05	Instrument ID	: VOA123
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
1330-20-7	Xylenes, Total	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
540-59-0	1,2-Dichloroethene, Total	ND	50	6.8	U
74-95-3	Dibromomethane	ND	100	12.	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-05-4	Vinyl acetate	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
96-18-4	1,2,3-Trichloropropane	ND	100	6.4	U
591-78-6	2-Hexanone	ND	500	59.	U
74-97-5	Bromochloromethane	ND	100	10.	U
594-20-7	2,2-Dichloropropane	ND	100	10.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: WG2148016-5	Date Collected	: NA
Client ID	: WG2148016-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 11/29/25 11:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V23251129A05	Instrument ID	: VOA123
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	50	14.	U
142-28-9	1,3-Dichloropropane	ND	100	8.4	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	6.6	U
108-86-1	Bromobenzene	ND	100	7.2	U
104-51-8	n-Butylbenzene	ND	50	8.4	U
135-98-8	sec-Butylbenzene	ND	50	7.3	U
98-06-6	tert-Butylbenzene	ND	100	5.9	U
95-49-8	o-Chlorotoluene	ND	100	9.6	U
106-43-4	p-Chlorotoluene	ND	100	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
87-68-3	Hexachlorobutadiene	ND	200	8.4	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
99-87-6	p-Isopropyltoluene	ND	50	5.4	U
91-20-3	Naphthalene	ND	200	32.	U
107-13-1	Acrylonitrile	ND	200	58.	U
103-65-1	n-Propylbenzene	ND	50	8.6	U
87-61-6	1,2,3-Trichlorobenzene	ND	100	16.	U
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.6	U
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U
123-91-1	1,4-Dioxane	ND	4000	1800	U
105-05-5	p-Diethylbenzene	ND	100	8.8	U
622-96-8	p-Ethyltoluene	ND	100	19.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	100	9.6	U
60-29-7	Ethyl ether	ND	100	17.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Lab ID	: WG2148016-5	**Date Collected**	: NA
Client ID	: WG2148016-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 11/29/25 11:35
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MNF
Lab File ID	: V23251129A05	**Instrument ID**	: VOA123
Sample Amount	: 15.0 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: NA
Extract Volume (MeOH)	: 15 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	71.	U

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A11.D
Acq On : 29 Nov 2025 02:10 pm
Operator : VOA123:JIC
Sample : L2574764-01,31,5.0,5,,C
Misc : WG2148015,ICAL22792
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 30 13:32:17 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.520	96	173213	20.000 ug/L	0.00
Standard Area 1 = 206936			Recovery = 83.70%		
59) Chlorobenzene-d5	8.995	117	119008	20.000 ug/L	0.00
Standard Area 1 = 154785			Recovery = 76.89%		
79) 1,4-Dichlorobenzene-d4	11.803	152	65234	20.000 ug/L	0.00
Standard Area 1 = 86212			Recovery = 75.67%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.737	113	41543	19.040 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.20%		
43) 1,2-Dichloroethane-d4	5.241	65	42333	18.956 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.78%		
60) Toluene-d8	7.180	98	155160	19.279 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.39%		
83) 4-Bromofluorobenzene	10.543	95	53940	18.495 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.48%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.312	85	52	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.659	76	756	0.114 ug/L #	72
15) Methylene chloride	3.130	84	460M1	0.197 ug/L	
17) Acetone	3.167	43	162	Below Cal #	39
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A11.D
Acq On : 29 Nov 2025 02:10 pm
Operator : VOA123:JIC
Sample : L2574764-01,31,5.0,5,,C
Misc : WG2148015,ICAL22792
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 30 13:32:17 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	7.676	166	93		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	8.989	91	25		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	10.540	91	33		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A11.D
Acq On : 29 Nov 2025 02:10 pm
Operator : VOA123:JIC
Sample : L2574764-01,31,5.0,5,,C
Misc : WG2148015,ICAL22792
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 30 13:32:17 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
98) sec-Butylbenzene	0.000		0		N.D.	
99) p-Isopropyltoluene	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	0.000		0		N.D.	
101) 1,4-Dichlorobenzene	0.000		0		N.D.	
102) p-Diethylbenzene	0.000		0		N.D.	
103) n-Butylbenzene	0.000		0		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
110) Naphthalene	0.000		0		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

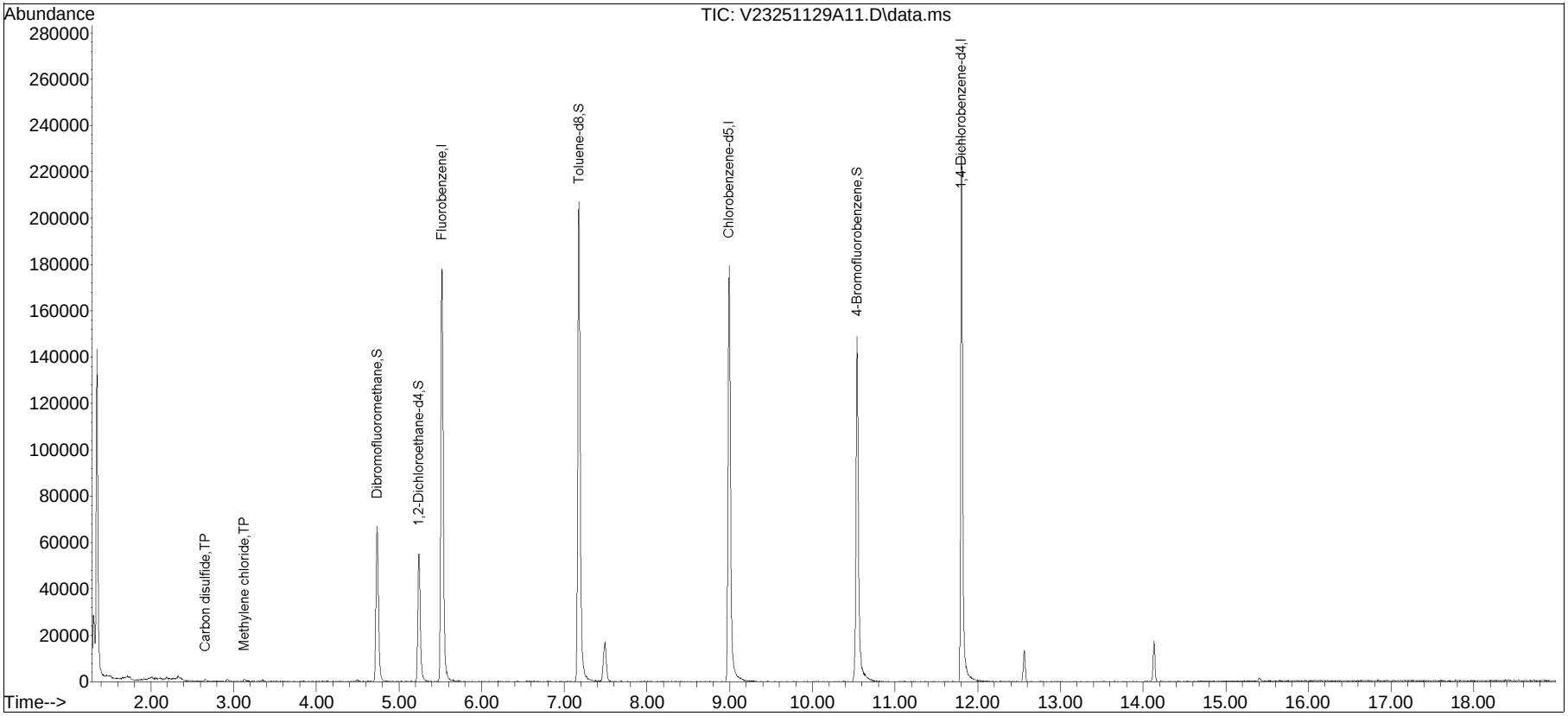
(#) = qualifier out of range (m) = manual integration (+) = signals summed

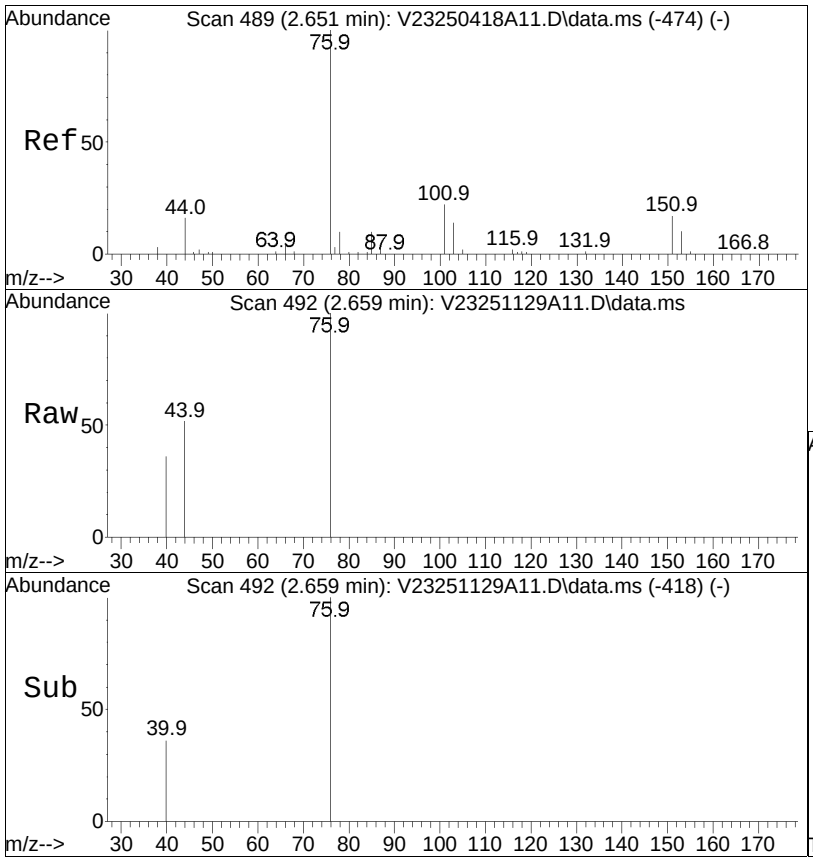
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A11.D
Acq On : 29 Nov 2025 02:10 pm
Operator : VOA123:JIC
Sample : L2574764-01,31,5.0,5,,C
Misc : WG2148015,ICAL22792
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 30 13:32:17 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251129A02.D•

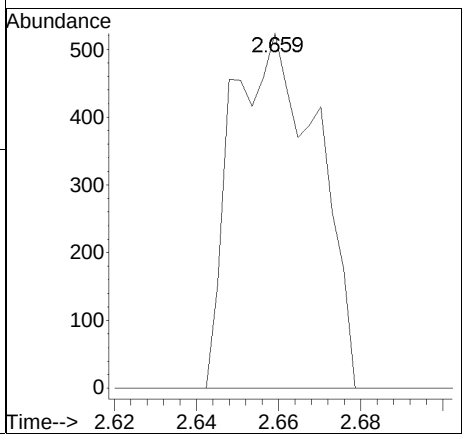


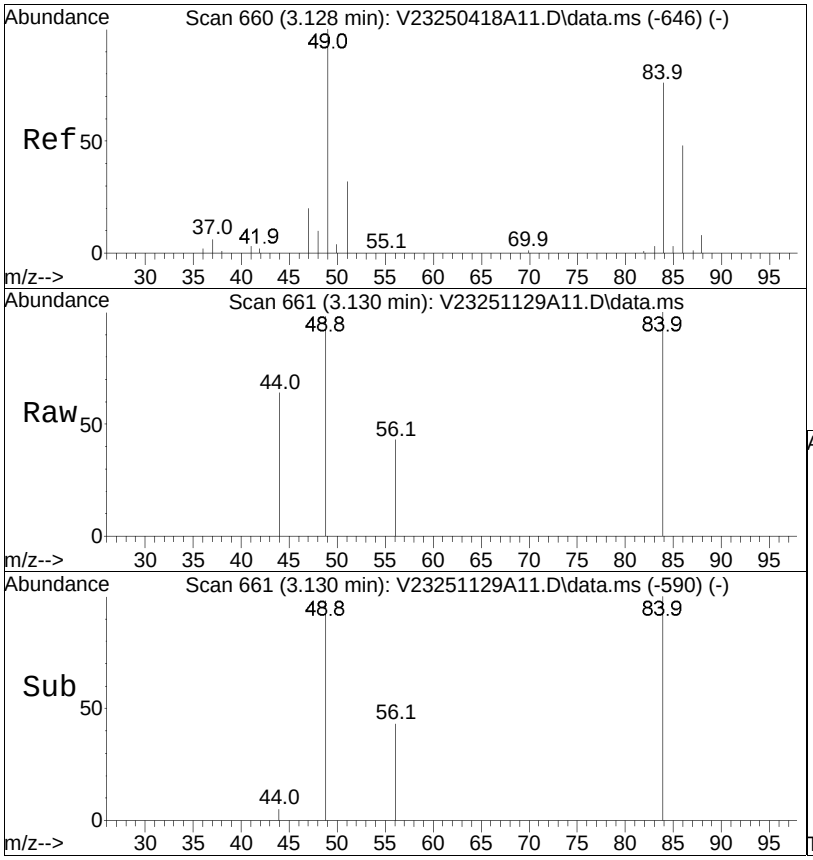


#11
Carbon disulfide
Concen: 0.11 ug/L
RT: 2.659 min Scan# 492
Delta R.T. 0.005 min
Lab File: V23251129A11.D
Acq: 29 Nov 2025 02:10 pm

Tgt Ion: 76 Resp: 756

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.7	13.9#

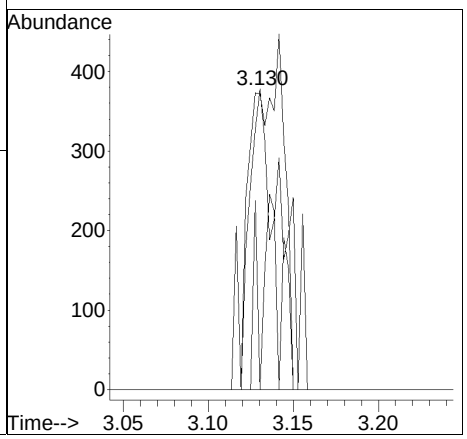




#15
Methylene chloride
Concen: 0.20 ug/L M1
RT: 3.130 min Scan# 661
Delta R.T. -0.003 min
Lab File: V23251129A11.D
Acq: 29 Nov 2025 02:10 pm

Tgt Ion: 84 Resp: 460

Ion	Ratio	Lower	Upper
84	100		
86	8.7	42.0	87.2#
49	66.7	74.0	153.6#

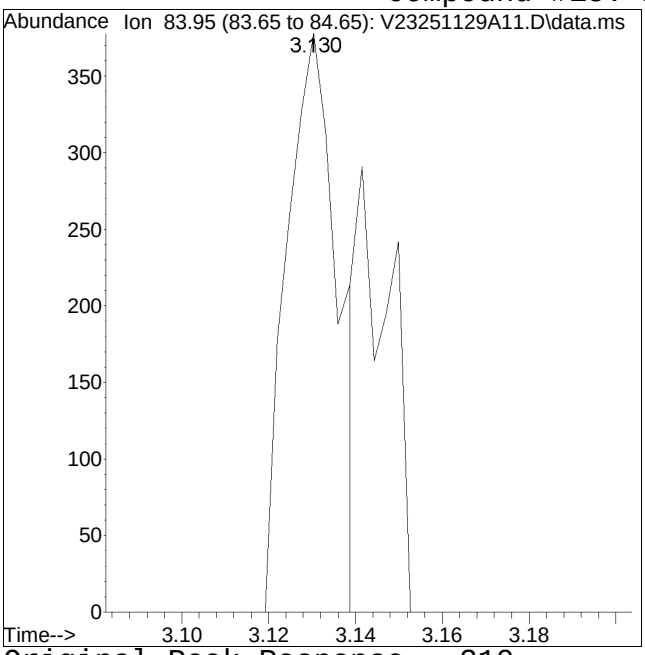


Manual Integration Report

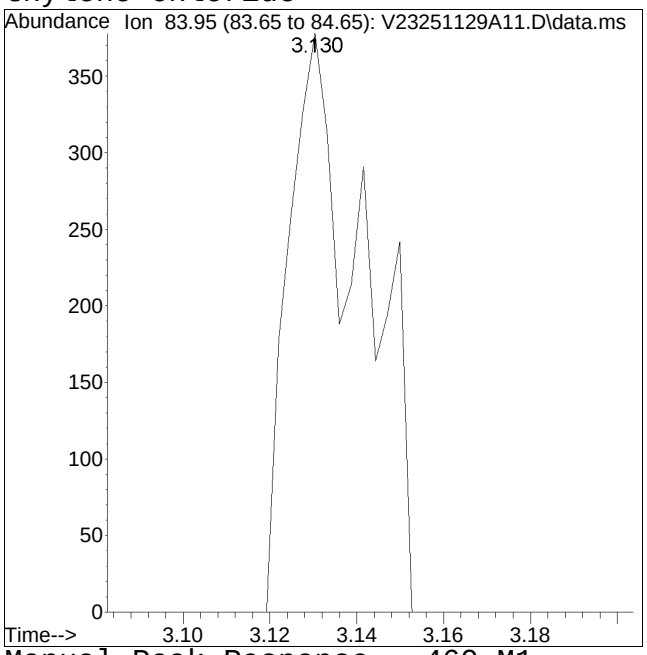
Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A11.D
Date Inj'd : 11/29/2025 2:10 pm
Sample : L2574764-01,31,5.0,5,,C

QMethod : V123_251103N_8260.m
Operator : VOA123:JIC
Instrument : VOA123
Quant Date : 11/30/2025 11:22 am

Compound #15: Methylene chloride



Original Peak Response = 310



Manual Peak Response = 460 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A15.D
Acq On : 29 Nov 2025 03:54 pm
Operator : VOA123:JIC
Sample : L2574764-04,31,3.77,5,,B,32.29,36.31,0.25
Misc : WG2148015,ICAL22792
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 30 13:34:32 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.518	96	173656	20.000	ug/L	0.00
Standard Area 1 = 206936			Recovery = 83.92%			
59) Chlorobenzene-d5	8.995	117	133777	20.000	ug/L	0.00
Standard Area 1 = 154785			Recovery = 86.43%			
79) 1,4-Dichlorobenzene-d4	11.803	152	87763	20.000	ug/L	0.00
Standard Area 1 = 86212			Recovery = 101.80%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.737	113	42748	19.543	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.72%			
43) 1,2-Dichloroethane-d4	5.239	65	45082	20.135	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.68%			
60) Toluene-d8	7.177	98	173741	19.204	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.02%			
83) 4-Bromofluorobenzene	10.543	95	132014	33.646	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 168.23%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.312	85	57	N.D.		
3) Chloromethane	1.468	50	28	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.654	76	12072	1.813	ug/L	92
15) Methylene chloride	3.136	84	577	0.246	ug/L #	69
17) Acetone	3.175	43	2445M1	Below Cal		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	3.861	53	28	N.D.		
27) Vinyl acetate	4.040	43	158	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	4.567	83	127	N.D.		

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A15.D
Acq On : 29 Nov 2025 03:54 pm
Operator : VOA123:JIC
Sample : L2574764-04,31,3.77,5,,B,32.29,36.31,0.25
Misc : WG2148015,ICAL22792
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 30 13:34:32 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.			
37) 1,1,1-Trichloroethane	4.879	97	30	N.D.			
39) 2-Butanone	0.000		0	N.D.		d	
40) 1,1-Dichloropropene	0.000		0	N.D.			
41) Benzene	0.000		0	N.D.			
44) 1,2-Dichloroethane	0.000		0	N.D.			
48) Trichloroethene	0.000		0	N.D.		d	
50) Dibromomethane	0.000		0	N.D.		d	
51) 1,2-Dichloropropane	6.190	63	26	N.D.			
54) Bromodichloromethane	6.237	83	56	N.D.			
57) 1,4-Dioxane	0.000		0	N.D.			
58) cis-1,3-Dichloropropene	0.000		0	N.D.			
61) Toluene	7.238	92	166	N.D.			
62) 4-Methyl-2-pentanone	0.000		0	N.D.		d	
63) Tetrachloroethene	7.673	166	336	0.137	ug/L	#	45
65) trans-1,3-Dichloropropene	0.000		0	N.D.			
68) 1,1,2-Trichloroethane	0.000		0	N.D.		d	
69) Chlorodibromomethane	0.000		0	N.D.			
70) 1,3-Dichloropropane	0.000		0	N.D.			
71) 1,2-Dibromoethane	8.368	107	159	N.D.			
72) 2-Hexanone	0.000		0	N.D.		d	
73) Chlorobenzene	0.000		0	N.D.		d	
74) Ethylbenzene	9.056	91	35111	3.119	ug/L		99
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
76) p/m Xylene	9.246	106	21099	5.013	ug/L		92
77) o Xylene	9.793	106	254	N.D.			
78) Styrene	9.946	104	25	N.D.			
80) Bromoform	0.000		0	N.D.			
82) Isopropylbenzene	10.200	105	16237	1.234	ug/L		98
84) Bromobenzene	10.671	156	158	N.D.			
85) n-Propylbenzene	10.710	91	42112	2.689	ug/L		100
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		d	
88) 4-Ethyltoluene	10.847	105	60139	4.614	ug/L		98
89) 2-Chlorotoluene	0.000		0	N.D.		d	
90) 1,3,5-Trimethylbenzene	10.953	105	41807	3.616	ug/L		99
91) 1,2,3-Trichloropropane	0.000		0	N.D.		d	
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		d	
93) 4-Chlorotoluene	11.117	91	411	N.D.			
94) tert-Butylbenzene	11.304	119	1707	0.176	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A15.D
Acq On : 29 Nov 2025 03:54 pm
Operator : VOA123:JIC
Sample : L2574764-04,31,3.77,5,,B,32.29,36.31,0.25
Misc : WG2148015,ICAL22792
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 30 13:34:32 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	11.385	105	192433	16.747	ug/L	99
98)	sec-Butylbenzene	11.502	105	29844	2.061	ug/L	86
99)	p-Isopropyltoluene	11.664	119	21683	1.729	ug/L #	77
100)	1,3-Dichlorobenzene	0.000		0	N.D.		
101)	1,4-Dichlorobenzene	0.000		0	N.D.		
102)	p-Diethylbenzene	12.054	119	9501M3	1.280	ug/L	
103)	n-Butylbenzene	12.110	91	37204M6	3.307	ug/L	
104)	1,2-Dichlorobenzene	12.160	146	28	N.D.		
105)	1,2,4,5-Tetramethylben...	12.863	119	36357M3	3.007	ug/L	
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D. d		
108)	Hexachlorobutadiene	0.000		0	N.D.		
109)	1,2,4-Trichlorobenzene	13.697	180	331	N.D.		
110)	Naphthalene	13.984	128	25261	2.910	ug/L	100
111)	1,2,3-Trichlorobenzene	14.154	180	339	N.D.		

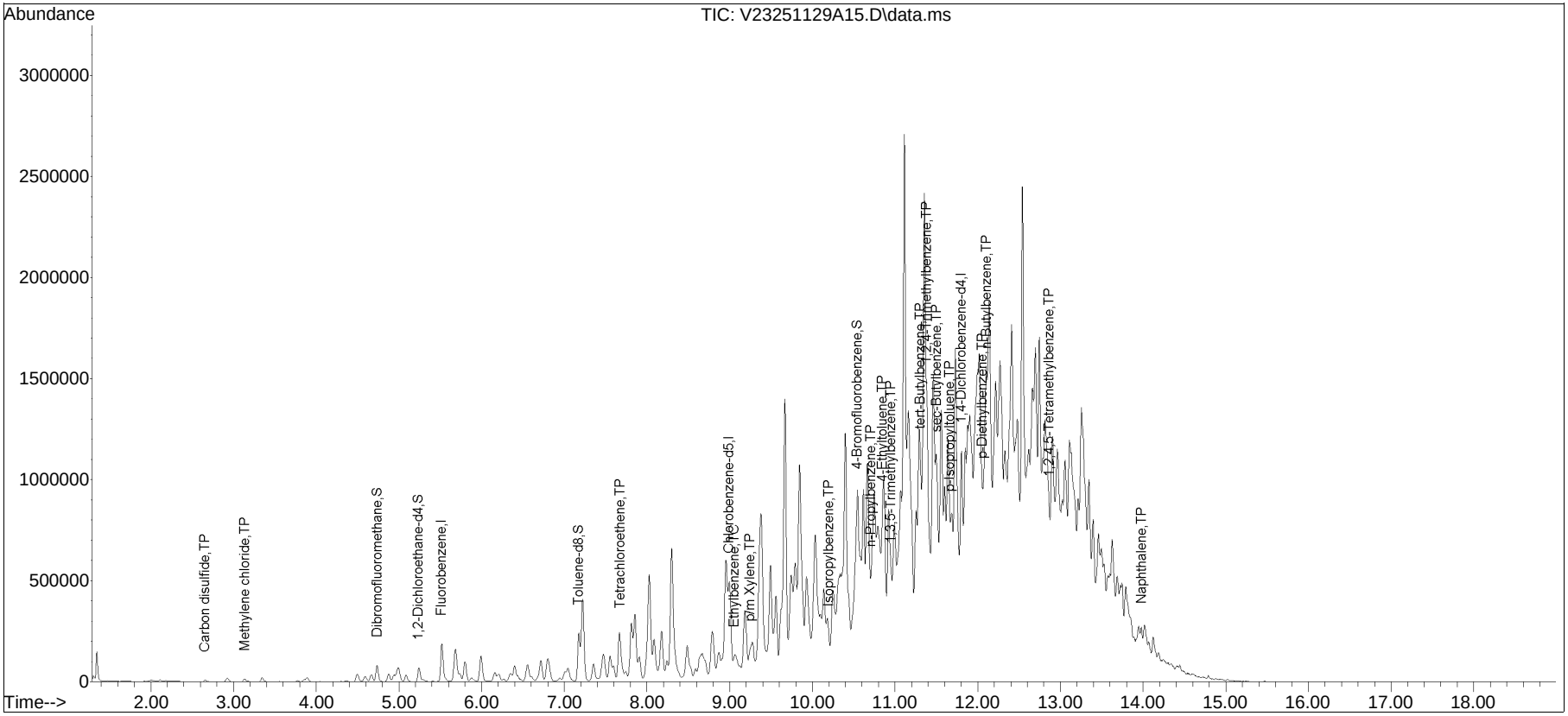
(#) = qualifier out of range (m) = manual integration (+) = signals summed

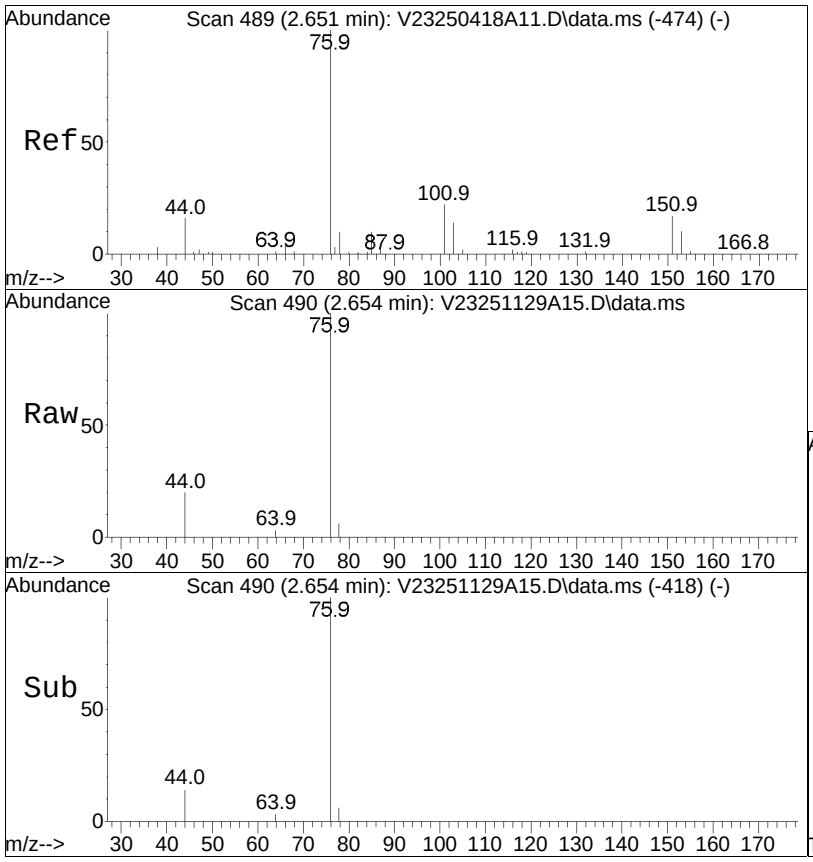
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A15.D
Acq On : 29 Nov 2025 03:54 pm
Operator : VOA123:JIC
Sample : L2574764-04,31,3.77,5,,B,32.29,36.31,0.25
Misc : WG2148015,ICAL22792
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 30 13:34:32 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251129A02.D•

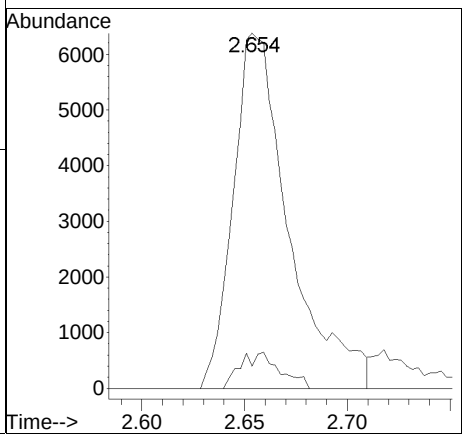


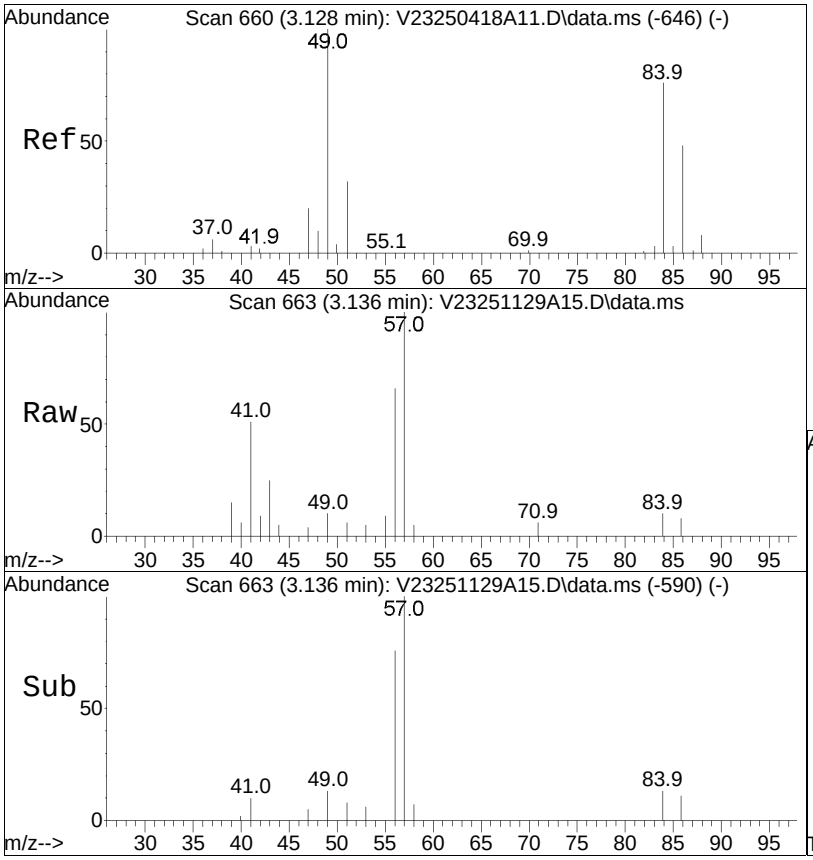


#11
Carbon disulfide
Concen: 1.81 ug/L
RT: 2.654 min Scan# 490
Delta R.T. -0.000 min
Lab File: V23251129A15.D
Acq: 29 Nov 2025 03:54 pm

Tgt Ion: 76 Resp: 12072

Ion	Ratio	Lower	Upper
76	100		
78	7.2	6.7	13.9

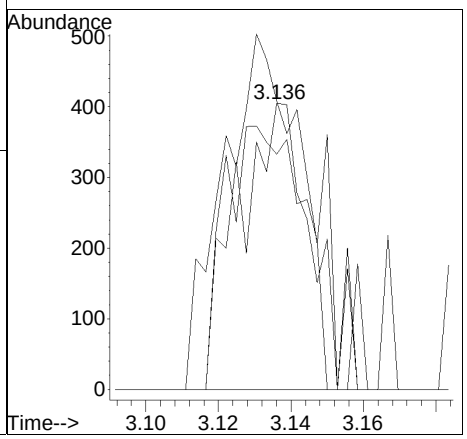


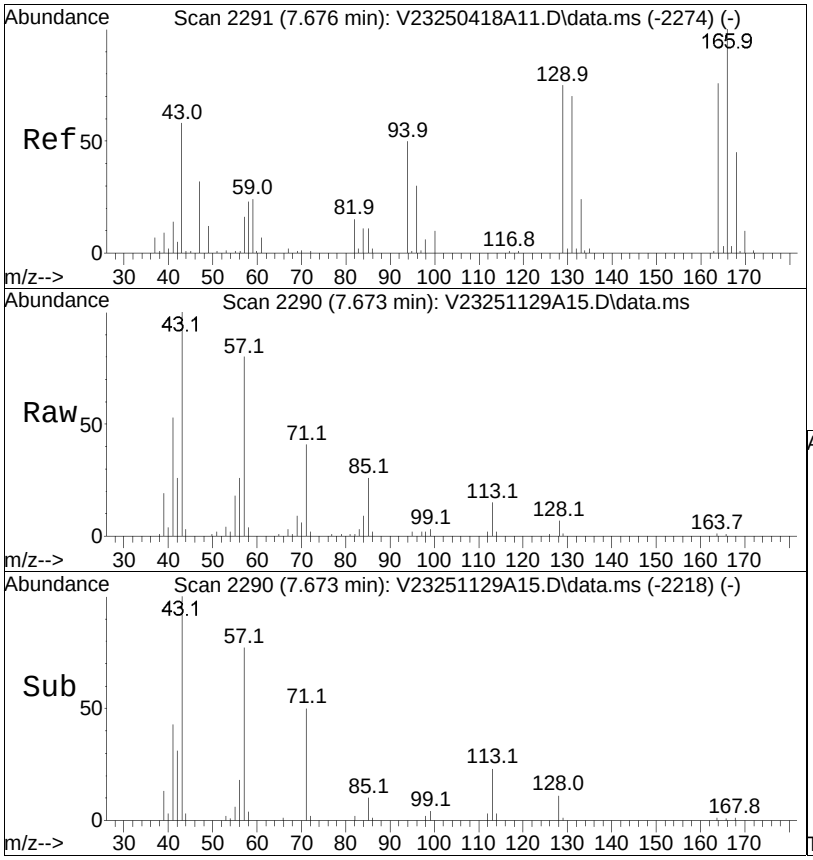


#15
Methylene chloride
Concen: 0.25 ug/L
RT: 3.136 min Scan# 663
Delta R.T. 0.003 min
Lab File: V23251129A15.D
Acq: 29 Nov 2025 03:54 pm

Tgt Ion: 84 Resp: 577

Ion	Ratio	Lower	Upper
84	100		
86	96.2	42.0	87.2#
49	141.9	74.0	153.6

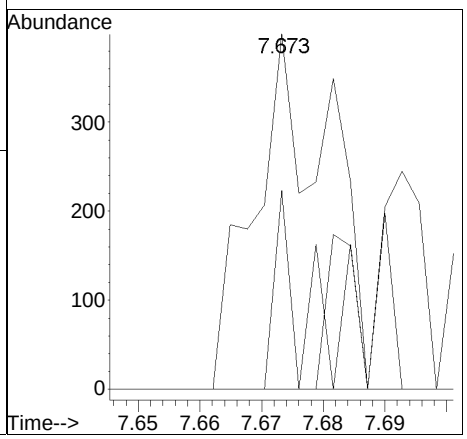


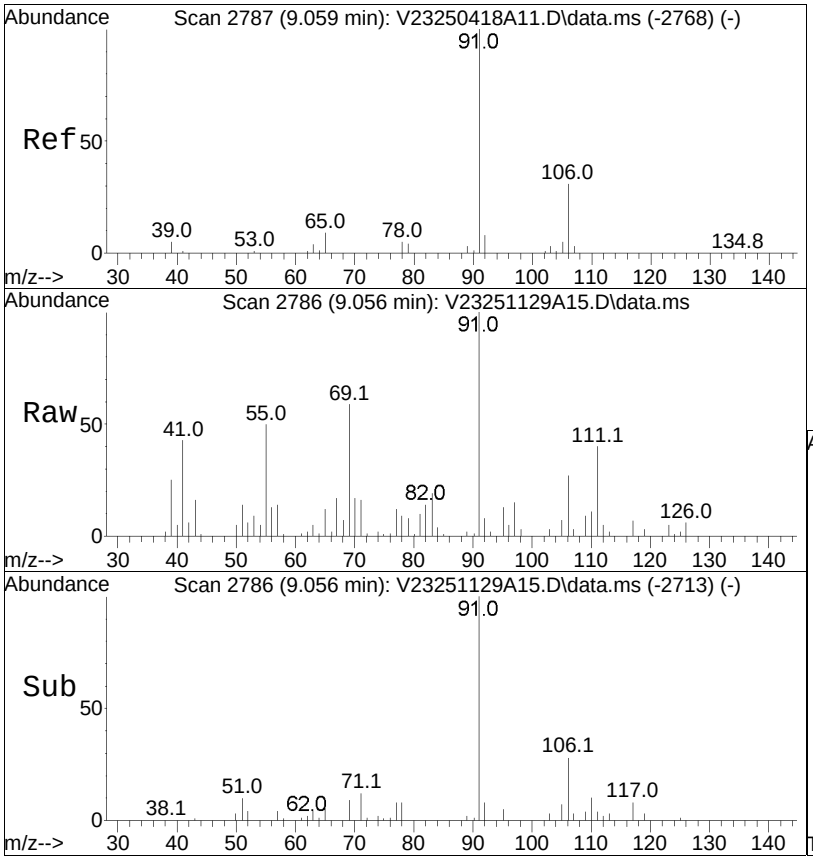


#63
Tetrachloroethene
Concen: 0.14 ug/L
RT: 7.673 min Scan# 2290
Delta R.T. 0.000 min
Lab File: V23251129A15.D
Acq: 29 Nov 2025 03:54 pm

Tgt Ion:166 Resp: 336

Ion	Ratio	Lower	Upper
166	100		
168	11.0	28.0	68.0#
94	8.0	23.3	63.3#

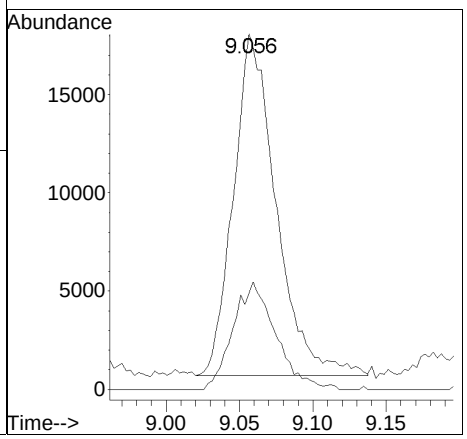


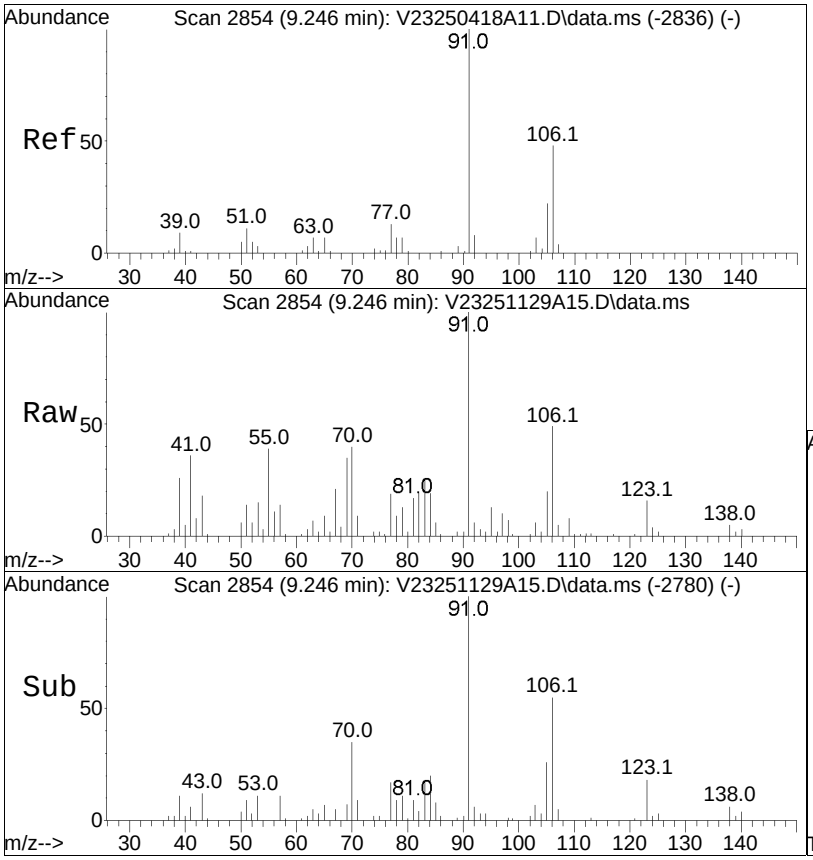


#74
Ethylbenzene
Concen: 3.12 ug/L
RT: 9.056 min Scan# 2786
Delta R.T. 0.003 min
Lab File: V23251129A15.D
Acq: 29 Nov 2025 03:54 pm

Tgt Ion: 91 Resp: 35111

Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.2	37.8

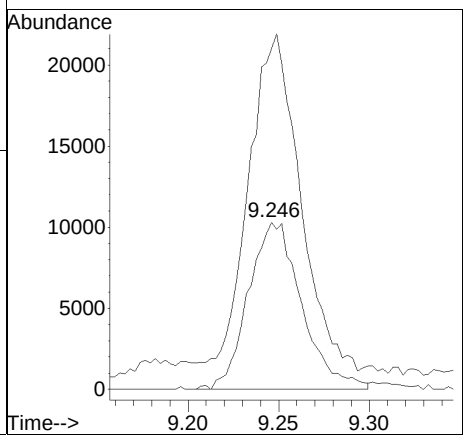


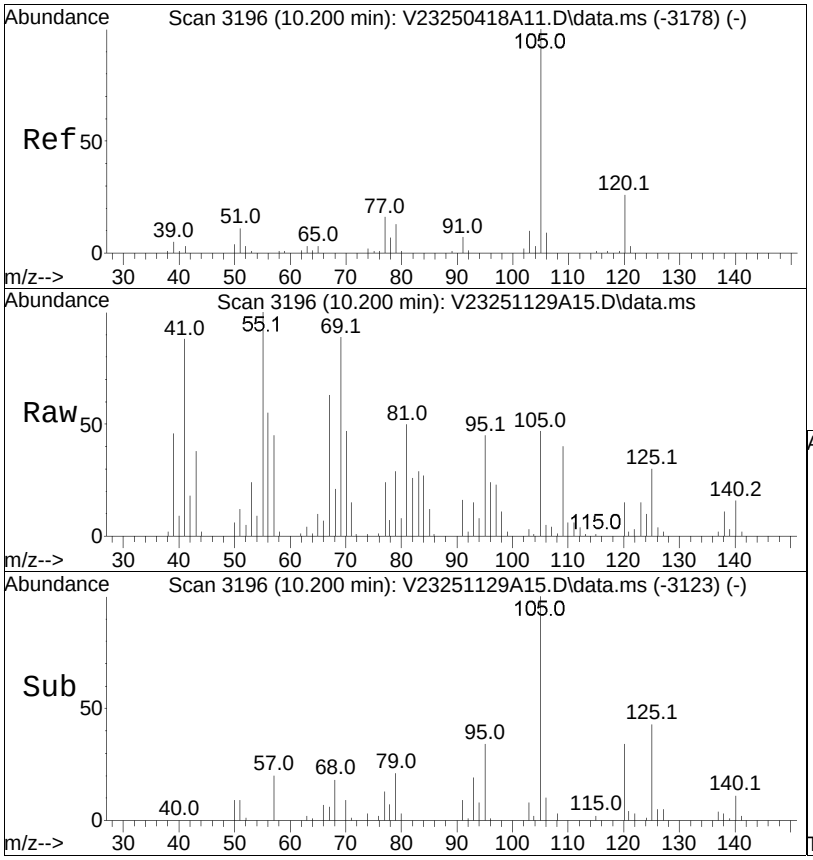


#76
p/m Xylene
Concen: 5.01 ug/L
RT: 9.246 min Scan# 2854
Delta R.T. 0.006 min
Lab File: V23251129A15.D
Acq: 29 Nov 2025 03:54 pm

Tgt Ion:106 Resp: 21099

Ion	Ratio	Lower	Upper
106	100		
91	188.4	160.4	240.6

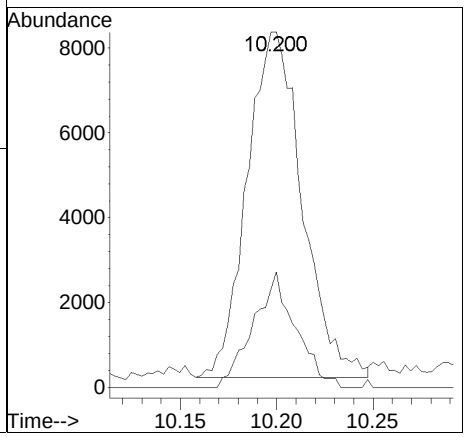


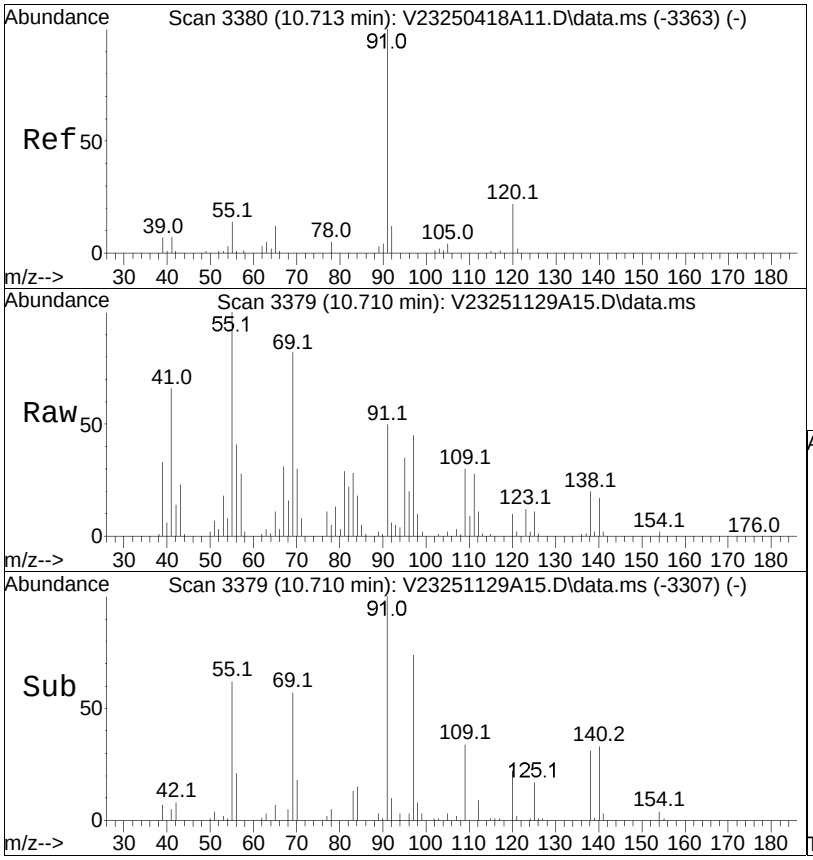


#82
Isopropylbenzene
Concen: 1.23 ug/L
RT: 10.200 min Scan# 3196
Delta R.T. 0.003 min
Lab File: V23251129A15.D
Acq: 29 Nov 2025 03:54 pm

Tgt Ion:105 Resp: 16237

Ion	Ratio	Lower	Upper
105	100		
120	25.6	6.6	46.6

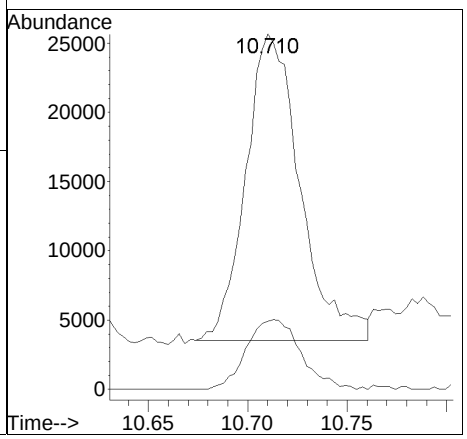


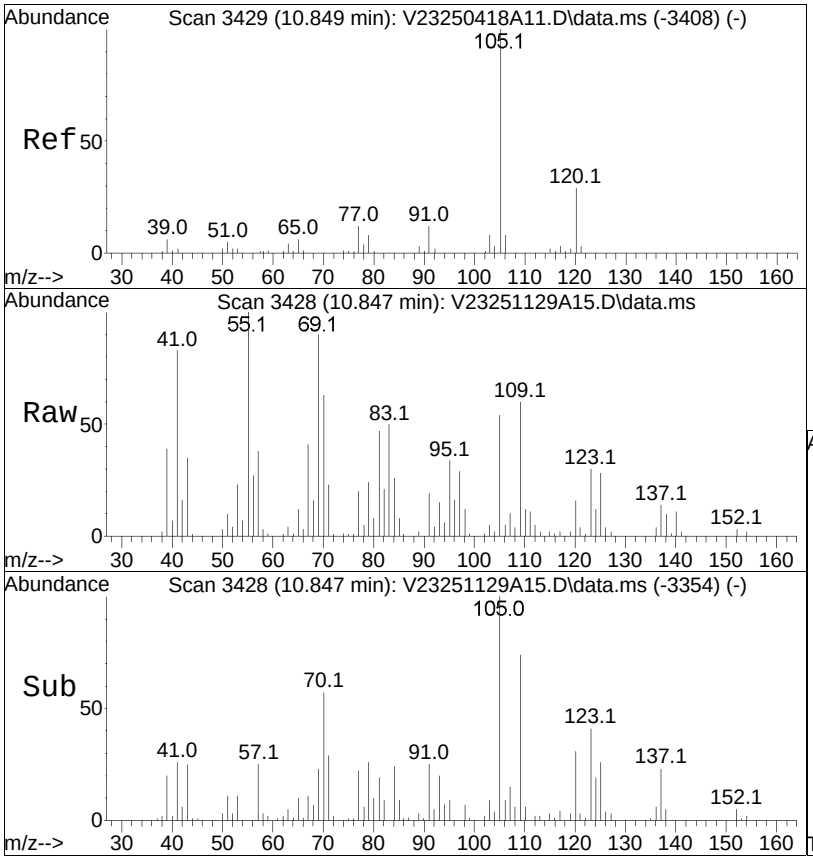


#85
n-Propylbenzene
Concen: 2.69 ug/L
RT: 10.710 min Scan# 3379
Delta R.T. -0.000 min
Lab File: V23251129A15.D
Acq: 29 Nov 2025 03:54 pm

Tgt Ion: 91 Resp: 42112

Ion	Ratio	Lower	Upper
91	100		
120	22.8	18.2	27.2

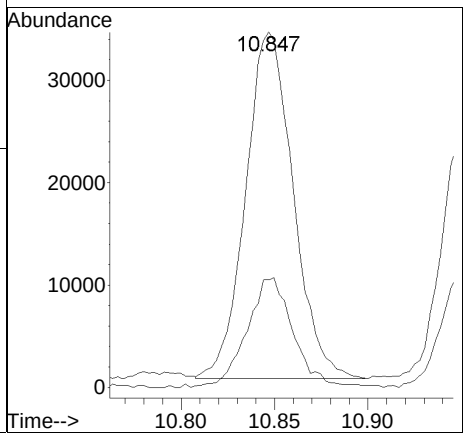


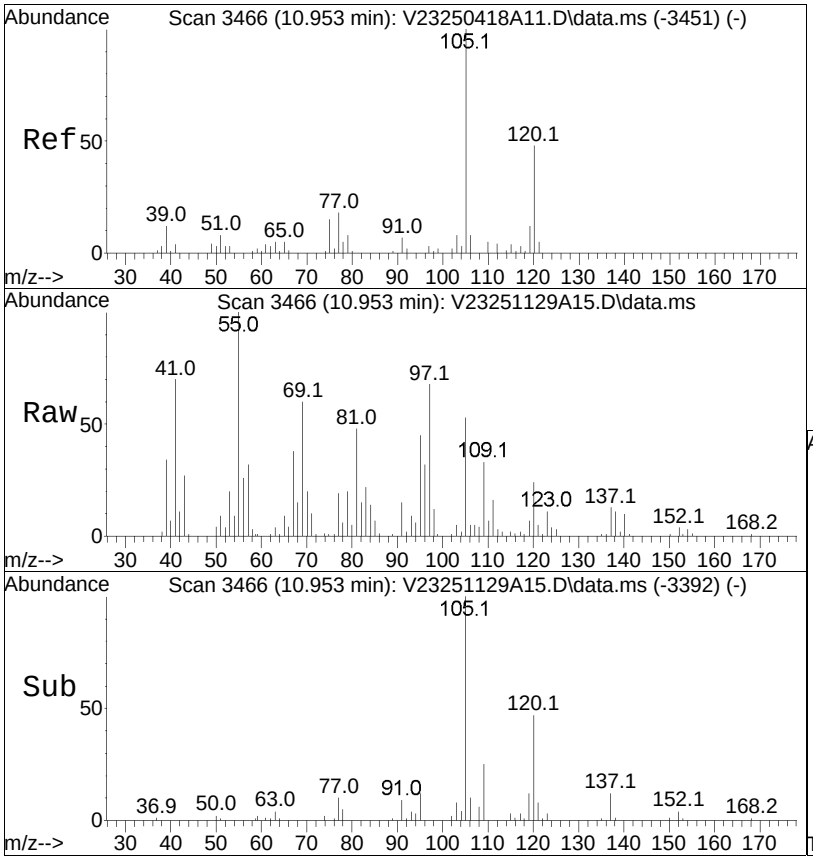


#88
4-Ethyltoluene
Concen: 4.61 ug/L
RT: 10.847 min Scan# 3428
Delta R.T. 0.006 min
Lab File: V23251129A15.D
Acq: 29 Nov 2025 03:54 pm

Tgt Ion:105 Resp: 60139

Ion	Ratio	Lower	Upper
105	100		
120	30.8	19.4	40.4

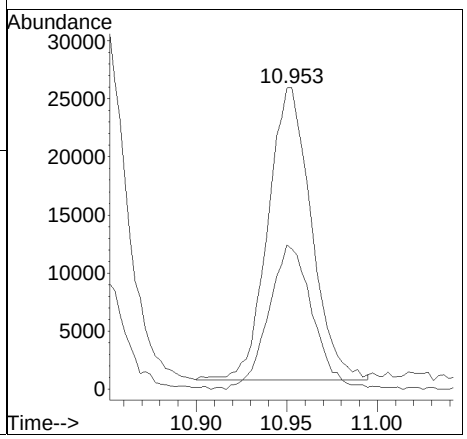


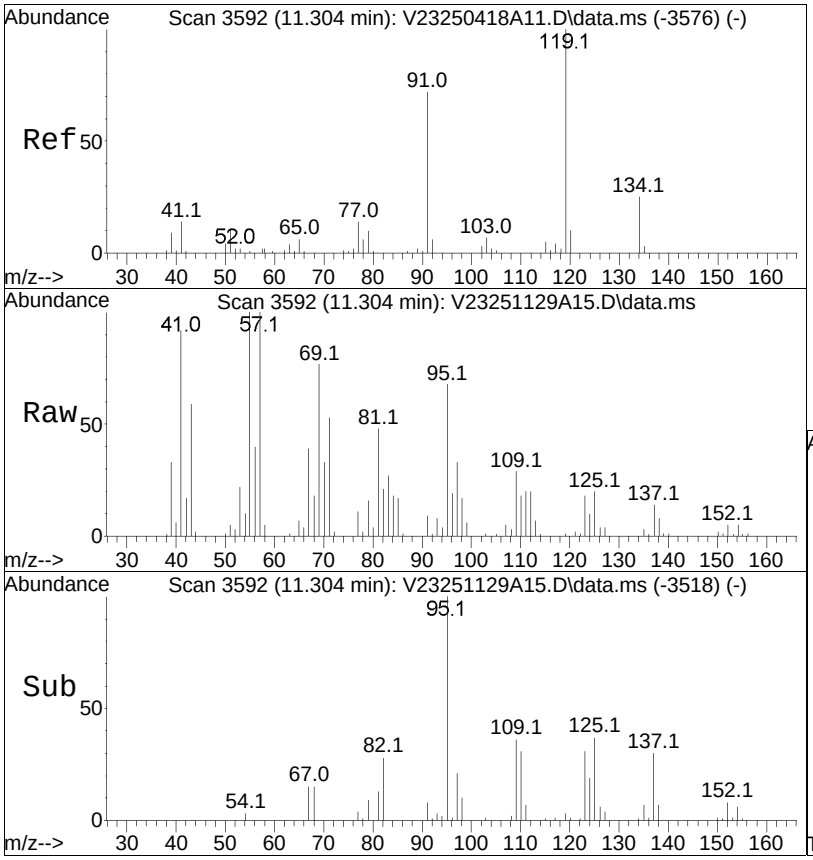


#90
1,3,5-Trimethylbenzene
Concen: 3.62 ug/L
RT: 10.953 min Scan# 3466
Delta R.T. 0.006 min
Lab File: V23251129A15.D
Acq: 29 Nov 2025 03:54 pm

Tgt Ion:105 Resp: 41807

Ion	Ratio	Lower	Upper
105	100		
120	50.6	39.9	59.9

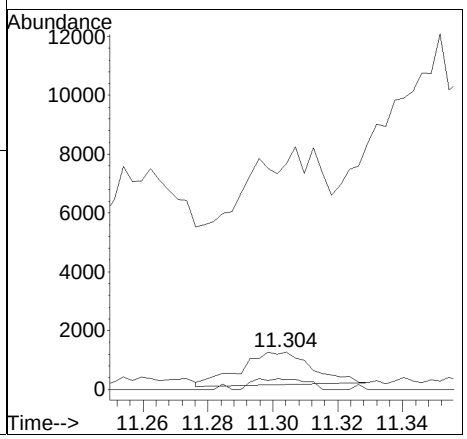


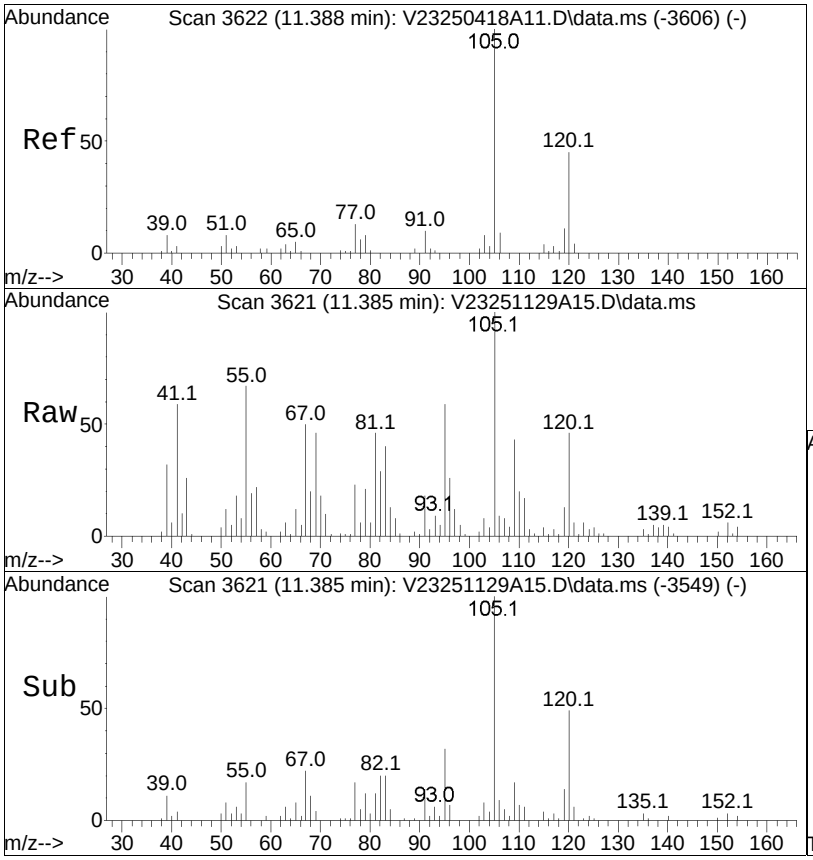


#94
tert-Butylbenzene
Concen: 0.18 ug/L
RT: 11.304 min Scan# 3592
Delta R.T. 0.006 min
Lab File: V23251129A15.D
Acq: 29 Nov 2025 03:54 pm

Tgt Ion:119 Resp: 1707

Ion	Ratio	Lower	Upper
119	100		
91	66.3	53.1	79.7
134	24.4	20.4	30.6

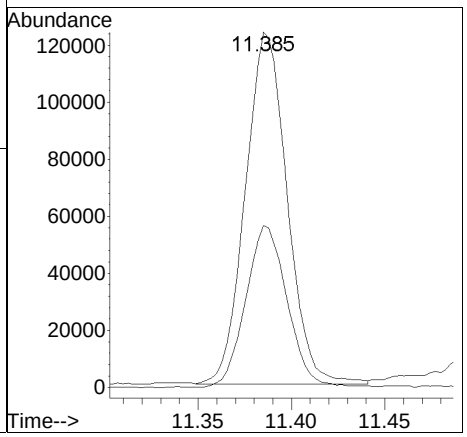


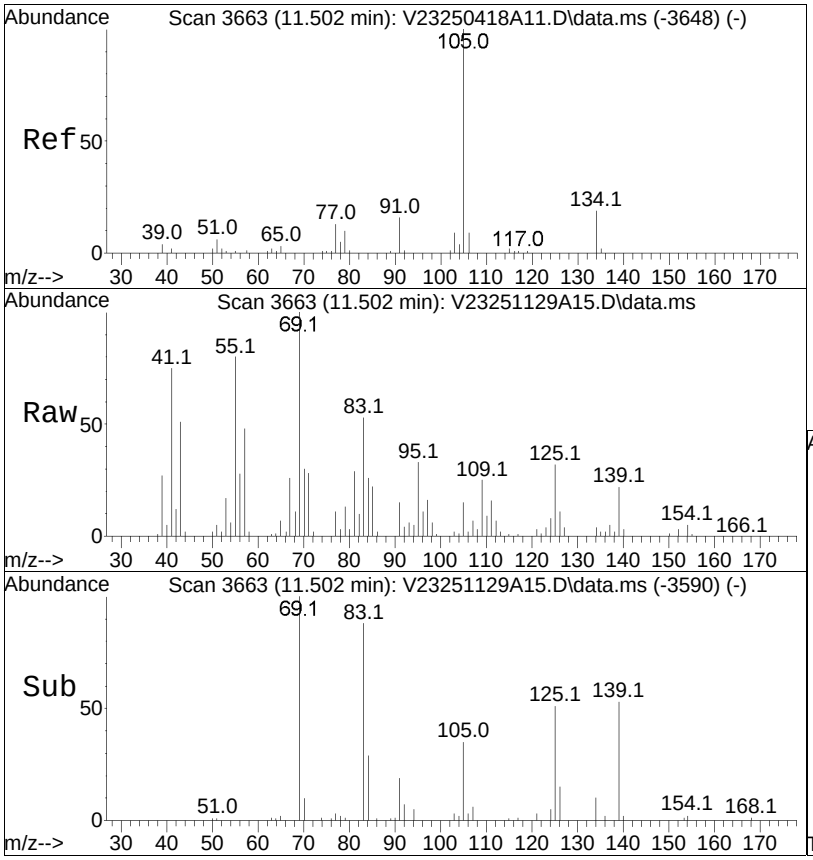


#97
1,2,4-Trimethylbenzene
Concen: 16.75 ug/L
RT: 11.385 min Scan# 3621
Delta R.T. 0.000 min
Lab File: V23251129A15.D
Acq: 29 Nov 2025 03:54 pm

Tgt Ion:105 Resp: 192433

Ion	Ratio	Lower	Upper
105	100		
120	45.5	36.9	55.3

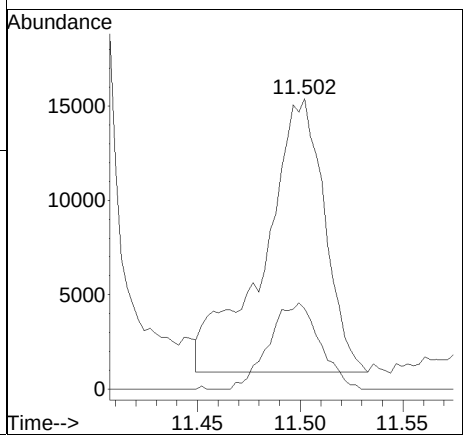


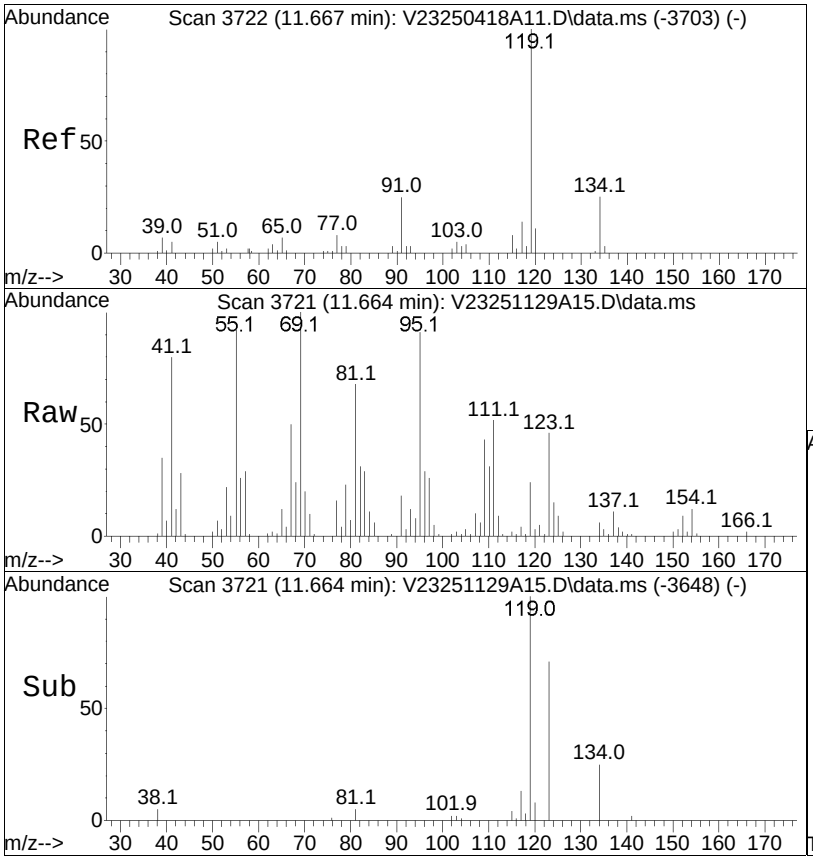


#98
sec-Butylbenzene
Concen: 2.06 ug/L
RT: 11.502 min Scan# 3663
Delta R.T. 0.003 min
Lab File: V23251129A15.D
Acq: 29 Nov 2025 03:54 pm

Tgt Ion:105 Resp: 29844

Ion	Ratio	Lower	Upper
105	100		
134	26.5	13.1	27.1

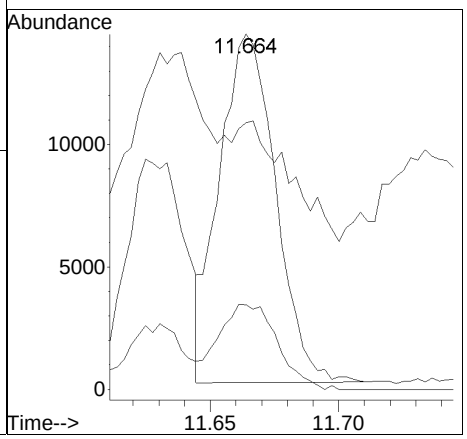


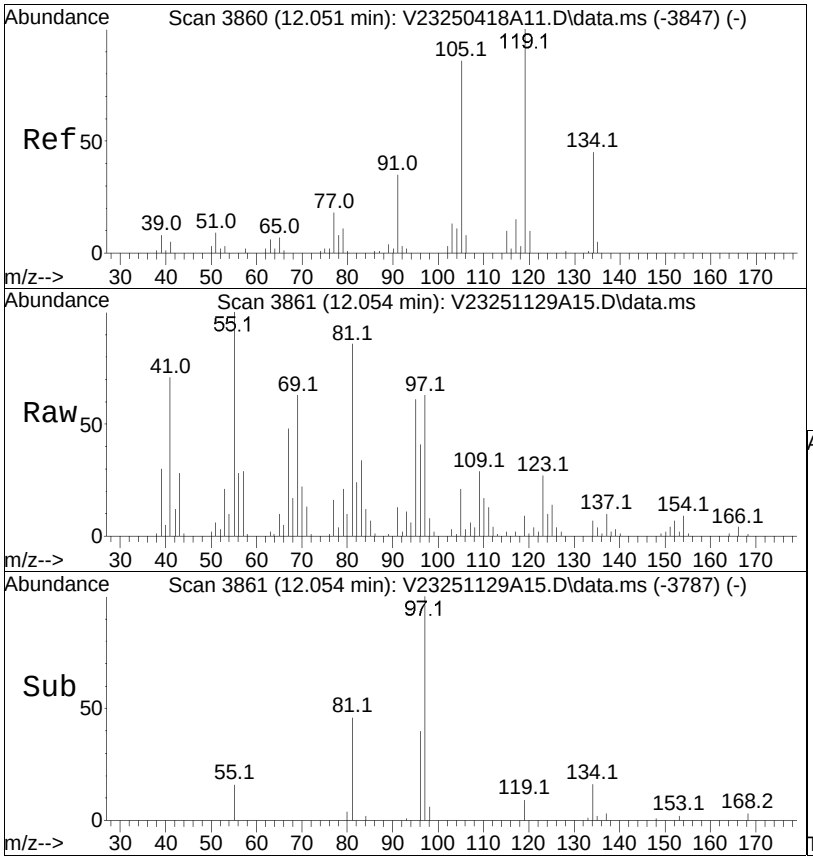


#99
p-Isopropyltoluene
Concen: 1.73 ug/L
RT: 11.664 min Scan# 3721
Delta R.T. 0.003 min
Lab File: V23251129A15.D
Acq: 29 Nov 2025 03:54 pm

Tgt Ion:119 Resp: 21683

Ion	Ratio	Lower	Upper
119	100		
134	25.9	17.2	35.6
91	0.0	15.1	31.3#

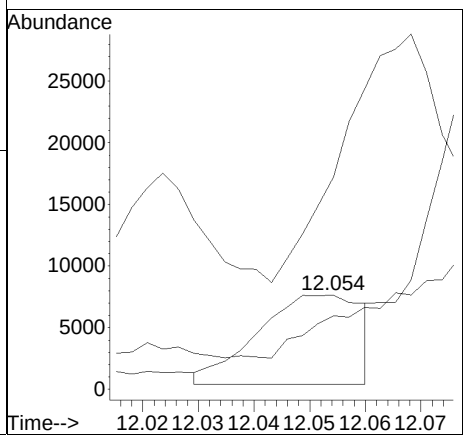


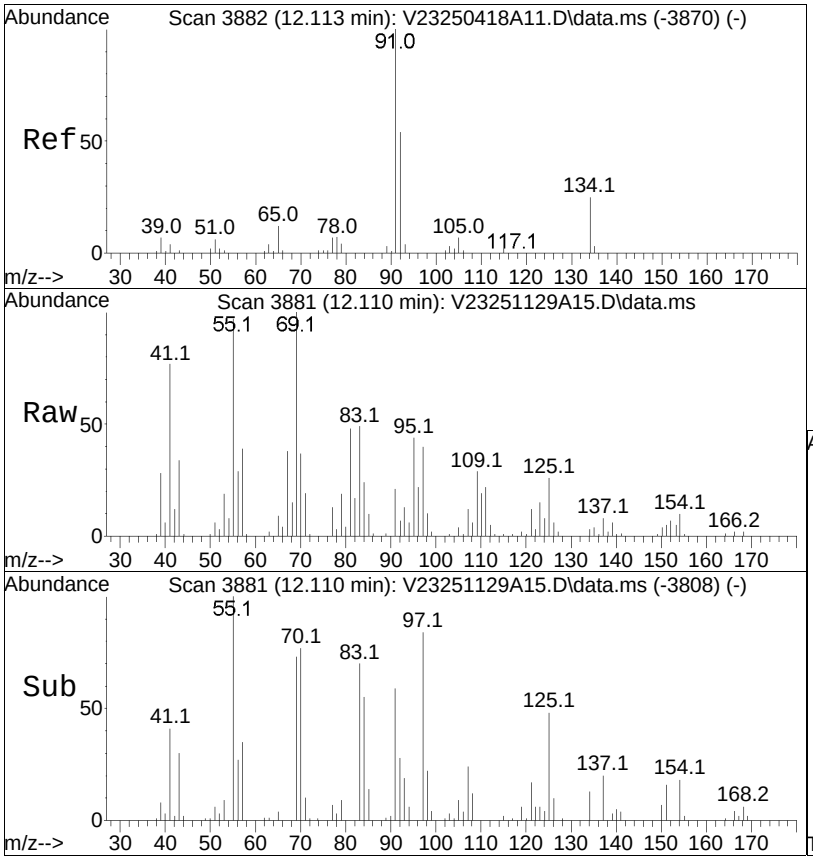


#102
p-Diethylbenzene
Concen: 1.28 ug/L M3
RT: 12.054 min Scan# 3861
Delta R.T. 0.006 min
Lab File: V23251129A15.D
Acq: 29 Nov 2025 03:54 pm

Tgt Ion:119 Resp: 9501

Ion	Ratio	Lower	Upper
119	100		
105	251.9	55.1	114.5#
134	118.0	30.0	62.2#

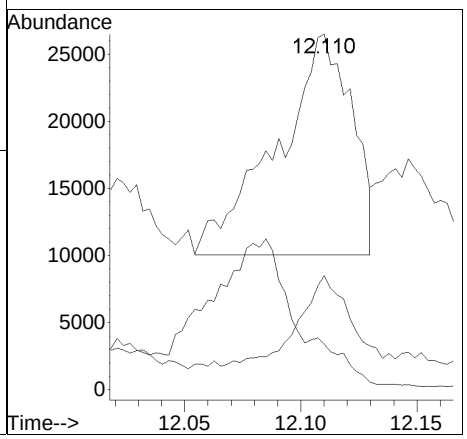


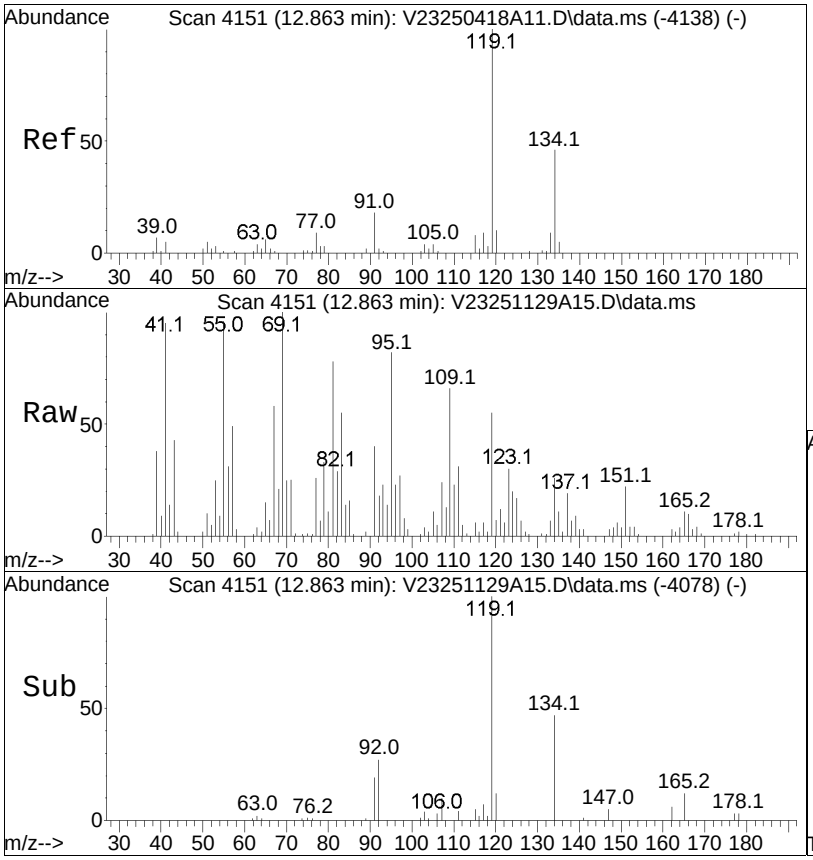


#103
n-Butylbenzene
Concen: 3.31 ug/L M6
RT: 12.110 min Scan# 3881
Delta R.T. 0.003 min
Lab File: V23251129A15.D
Acq: 29 Nov 2025 03:54 pm

Tgt Ion: 91 Resp: 37204

Ion	Ratio	Lower	Upper
91	100		
92	28.6	44.2	66.4#
134	77.7	21.2	31.8#

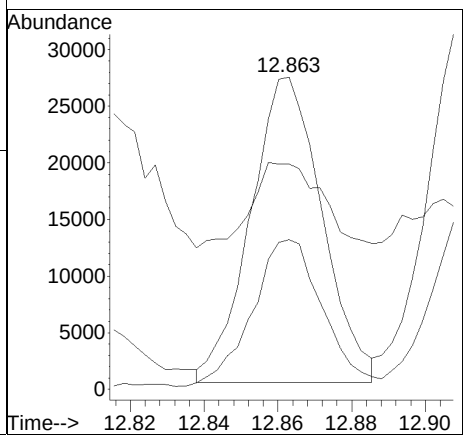


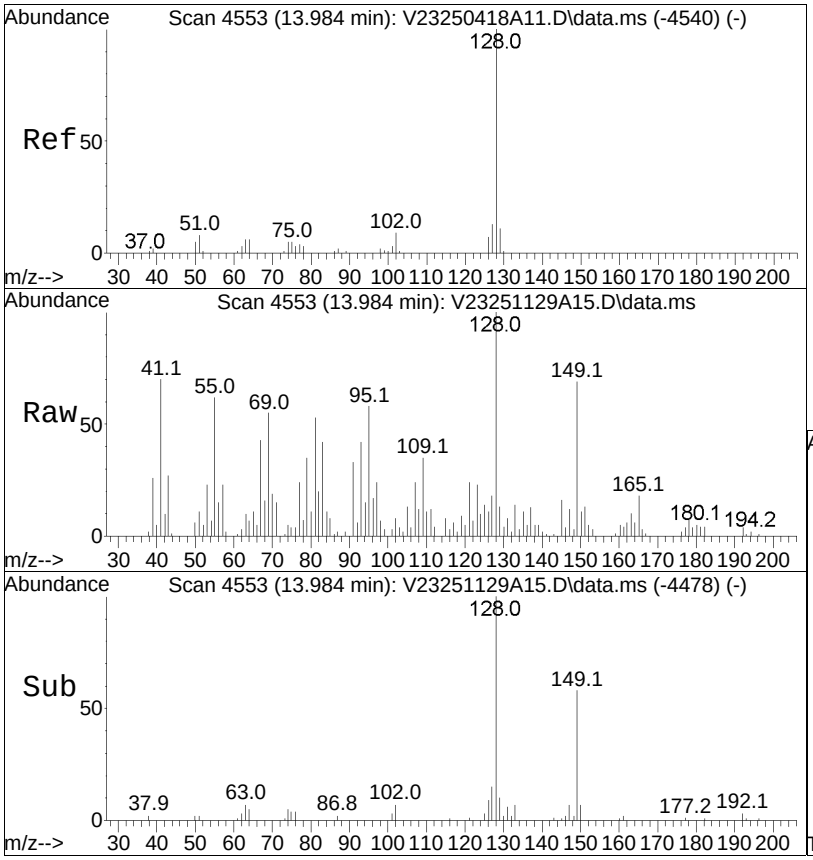


#105
1,2,4,5-Tetramethylbenzene
Concen: 3.01 ug/L M3
RT: 12.863 min Scan# 4151
Delta R.T. 0.003 min
Lab File: V23251129A15.D
Acq: 29 Nov 2025 03:54 pm

Tgt Ion:119 Resp: 36357

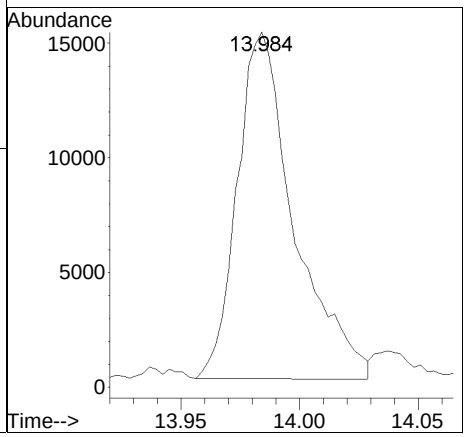
Ion	Ratio	Lower	Upper
119	100		
134	20.9	31.3	64.9#
91	11.5	10.3	21.3





#110
Naphthalene
Concen: 2.91 ug/L
RT: 13.984 min Scan# 4553
Delta R.T. 0.008 min
Lab File: V23251129A15.D
Acq: 29 Nov 2025 03:54 pm

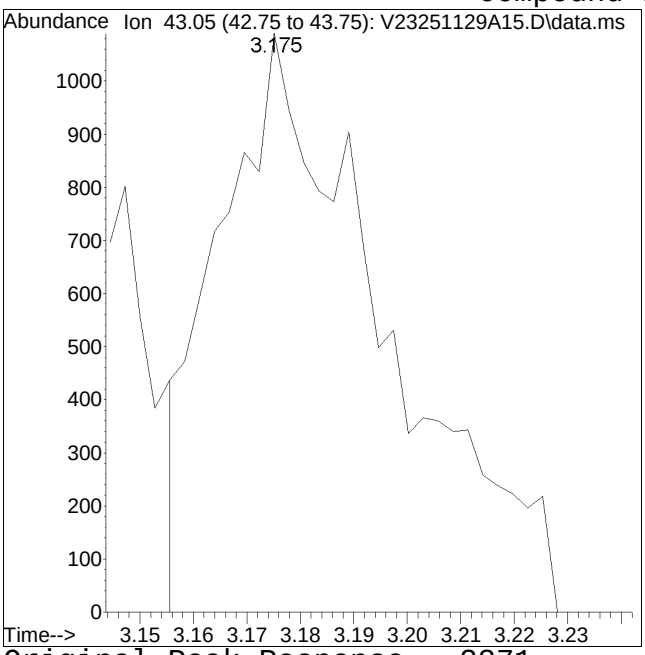
Tgt Ion:128 Resp: 25261



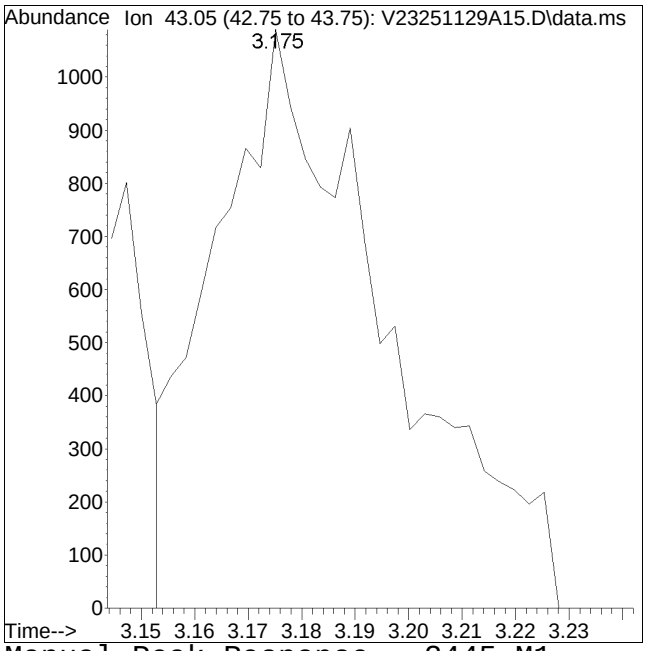
Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A15.D Operator : VOA123:JIC
Date Inj'd : 11/29/2025 3:54 pm Instrument : VOA123
Sample : L2574764-04,31,3.77,5,,B,3 Quant Date : 11/30/2025 11:22 am

Compound #17: Acetone



Original Peak Response = 2371



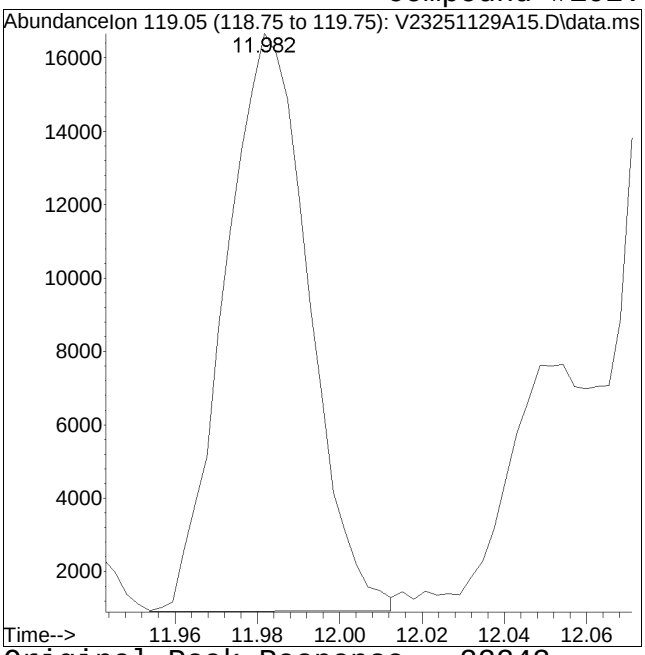
Manual Peak Response = 2445 M1

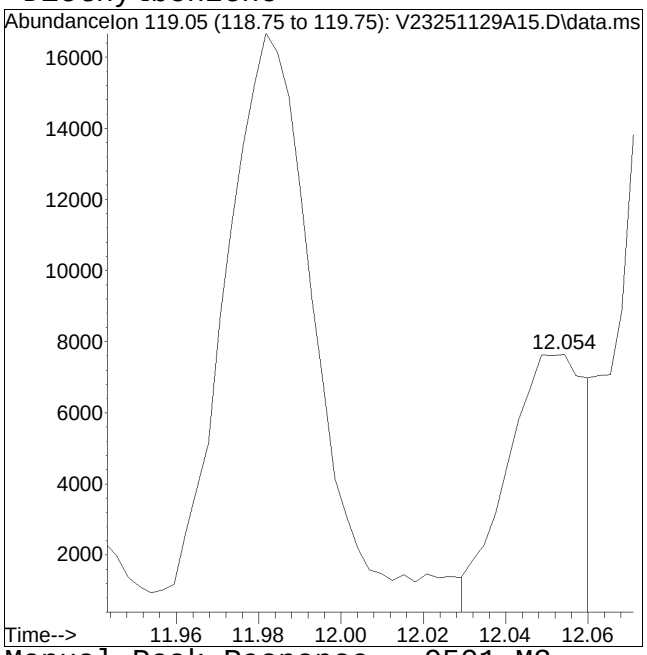
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A15.D Operator : VOA123:JIC
Date Inj'd : 11/29/2025 3:54 pm Instrument : VOA123
Sample : L2574764-04,31,3.77,5,,B,3Quant Date : 11/30/2025 11:22 am

Compound #102: p-Diethylbenzene



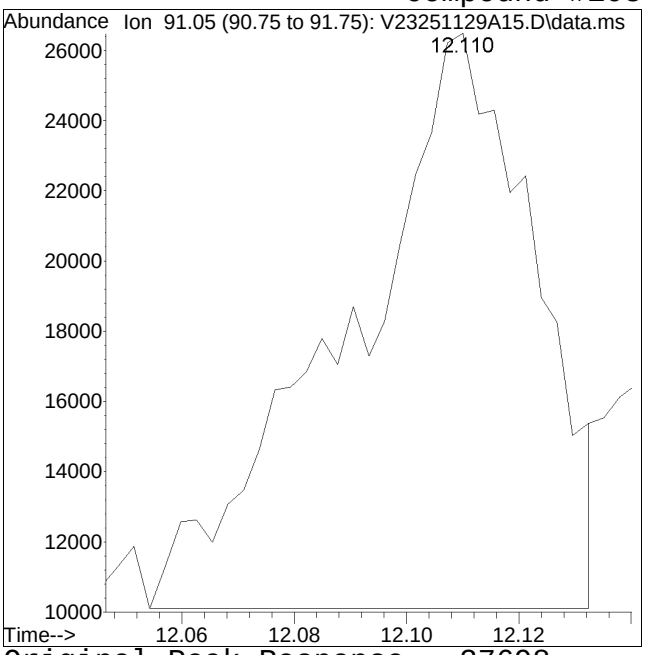


Original Peak Response = 22243 Manual Peak Response = 9501 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

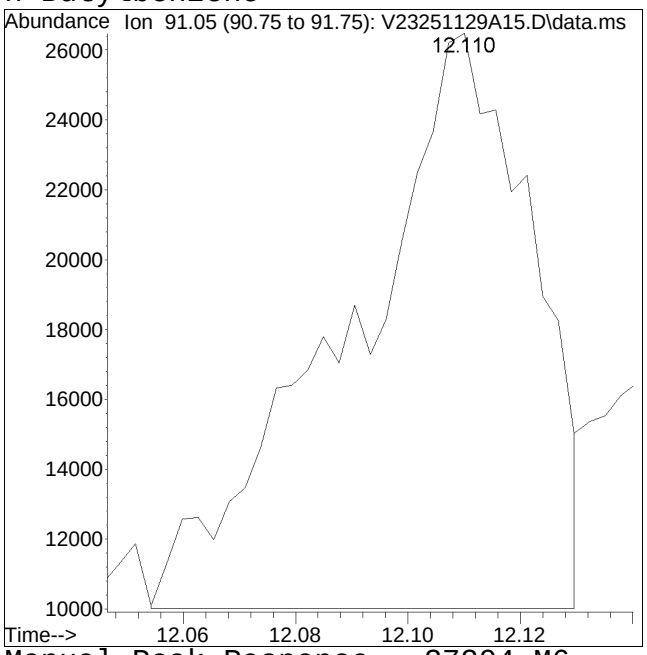
Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A15.D Operator : VOA123:JIC
Date Inj'd : 11/29/2025 3:54 pm Instrument : VOA123
Sample : L2574764-04,31,3.77,5,,B,3Quant Date : 11/30/2025 11:22 am

Compound #103: n-Butylbenzene



Original Peak Response = 37698



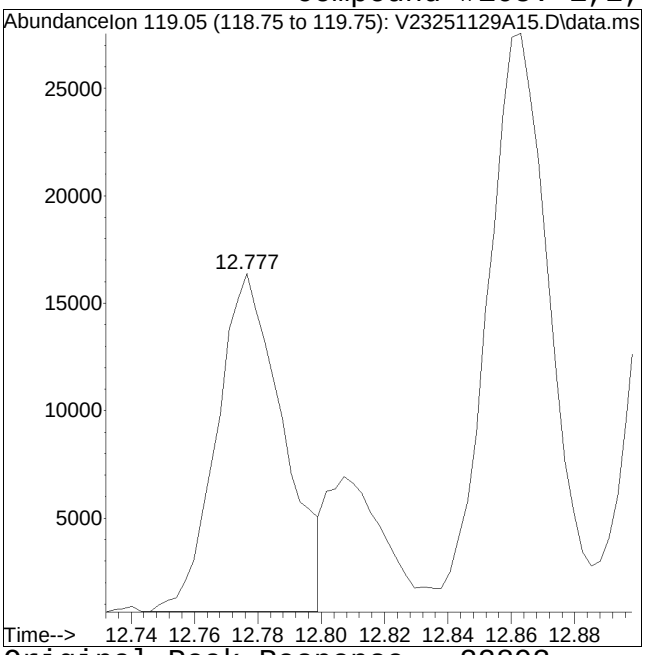
Manual Peak Response = 37204 M6

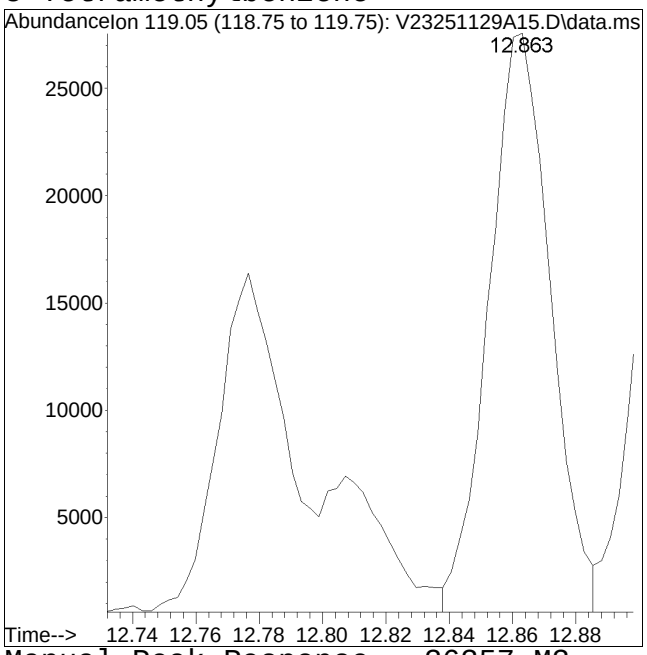
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A15.D Operator : VOA123:JIC
Date Inj'd : 11/29/2025 3:54 pm Instrument : VOA123
Sample : L2574764-04,31,3.77,5,,B,3Quant Date : 11/30/2025 11:22 am

Compound #105: 1,2,4,5-Tetramethylbenzene





Original Peak Response = 22893 Manual Peak Response = 36357 M3

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A16.D
Acq On : 29 Nov 2025 04:20 pm
Operator : VOA123:JIC
Sample : L2574764-05,31,6.33,5,,B,31.99,38.57,0.25
Misc : WG2148015,ICAL22792
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 30 13:35:10 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.523	96	191329	20.000 ug/L	0.00
Standard Area 1 = 206936			Recovery = 92.46%		
59) Chlorobenzene-d5	8.992	117	135399	20.000 ug/L	0.00
Standard Area 1 = 154785			Recovery = 87.48%		
79) 1,4-Dichlorobenzene-d4	11.803	152	73064	20.000 ug/L	0.00
Standard Area 1 = 86212			Recovery = 84.75%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.731	113	45193	18.752 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.76%		
43) 1,2-Dichloroethane-d4	5.242	65	45587	18.480 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.40%		
60) Toluene-d8	7.177	98	180390	19.701 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.50%		
83) 4-Bromofluorobenzene	10.540	95	63100	19.317 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.58%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.309	85	56	N.D.	
3) Chloromethane	1.669	50	55	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.656	76	1467	0.200 ug/L #	72
15) Methylene chloride	3.142	84	327	0.127 ug/L #	5
17) Acetone	3.178	43	315	Below Cal #	39
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	3.867	53	31	N.D.	
27) Vinyl acetate	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	4.369	77	253	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	4.572	83	398	N.D.	

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A16.D
Acq On : 29 Nov 2025 04:20 pm
Operator : VOA123:JIC
Sample : L2574764-05,31,6.33,5,,B,31.99,38.57,0.25
Misc : WG2148015,ICAL22792
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 30 13:35:10 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	5.113	78	807	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	5.693	95	60	N.D.		
50) Dibromomethane	6.259	93	29	N.D.		
51) 1,2-Dichloropropane	6.268	63	42	N.D.		
54) Bromodichloromethane	6.226	83	40	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.233	92	391	N.D.		
62) 4-Methyl-2-pentanone	7.668	58	26	N.D.		
63) Tetrachloroethene	7.684	166	238	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.059	91	79222	6.953	ug/L	98
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	9.246	106	46489	10.912	ug/L	98
77) o Xylene	9.793	106	369	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.203	105	10367	0.947	ug/L	100
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	10.718	91	29026	2.226	ug/L	96
87) 1,1,2,2-Tetrachloroethane	10.785	83	126	N.D.		
88) 4-Ethyltoluene	10.850	105	44885	4.137	ug/L	98
89) 2-Chlorotoluene	0.000		0	N.D.	d	
90) 1,3,5-Trimethylbenzene	10.953	105	45459	4.723	ug/L	99
91) 1,2,3-Trichloropropane	0.000		0	N.D.	d	
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
93) 4-Chlorotoluene	11.131	91	204	N.D.		
94) tert-Butylbenzene	0.000		0	N.D.	d	

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A16.D
Acq On : 29 Nov 2025 04:20 pm
Operator : VOA123:JIC
Sample : L2574764-05,31,6.33,5,,B,31.99,38.57,0.25
Misc : WG2148015,ICAL22792
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 30 13:35:10 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
97)	1,2,4-Trimethylbenzene	11.385	105	136301	14.248	ug/L		100
98)	sec-Butylbenzene	11.502	105	4982	0.413	ug/L	#	71
99)	p-Isopropyltoluene	11.667	119	3394	0.325	ug/L	#	79
100)	1,3-Dichlorobenzene	0.000		0	N.D.			
101)	1,4-Dichlorobenzene	0.000		0	N.D.			
102)	p-Diethylbenzene	0.000		0	N.D.	d		
103)	n-Butylbenzene	12.113	91	5236	0.559	ug/L	#	83
104)	1,2-Dichlorobenzene	0.000		0	N.D.			
105)	1,2,4,5-Tetramethylben...	12.866	119	10224	1.016	ug/L	#	95
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.			
108)	Hexachlorobutadiene	0.000		0	N.D.			
109)	1,2,4-Trichlorobenzene	0.000		0	N.D.			
110)	Naphthalene	13.992	128	10376	1.436	ug/L		100
111)	1,2,3-Trichlorobenzene	0.000		0	N.D.			

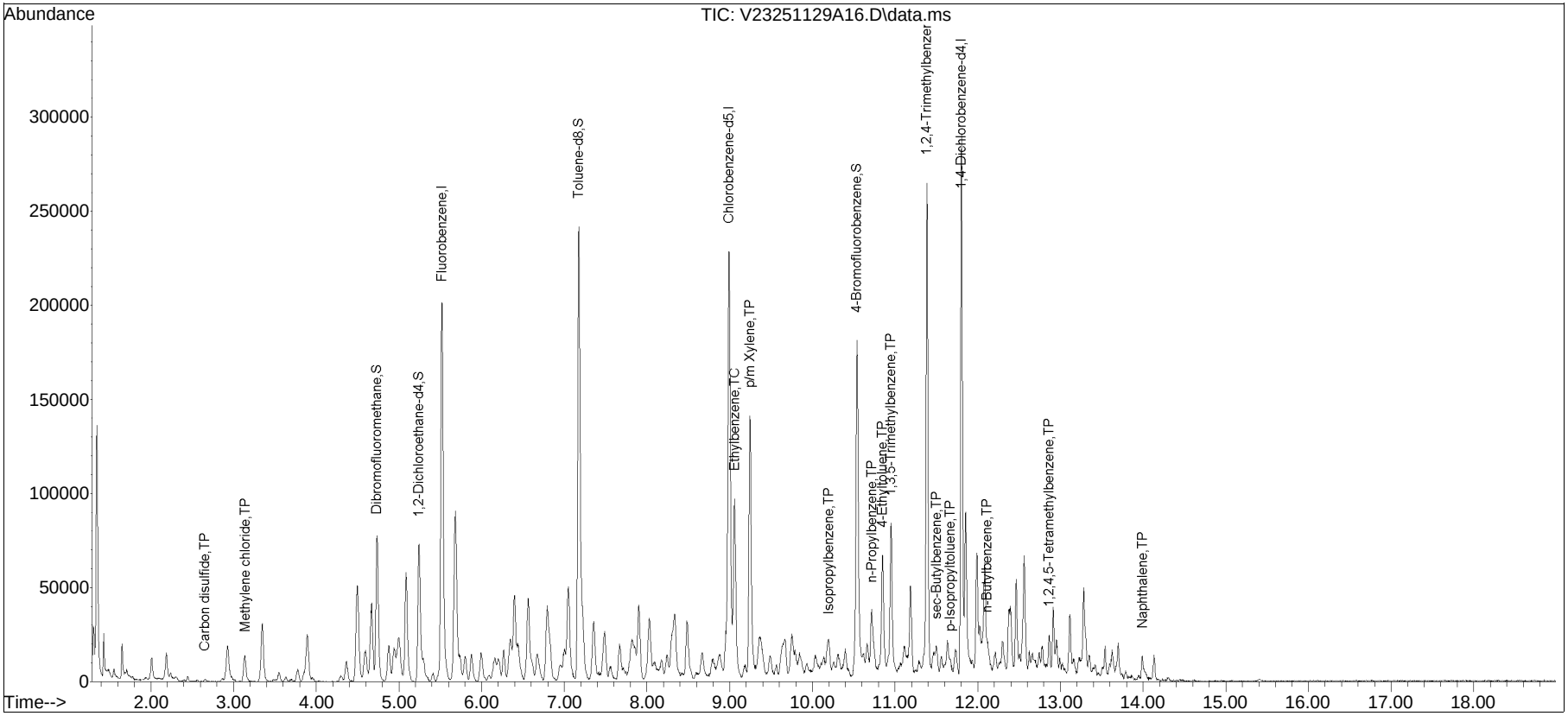
(#) = qualifier out of range (m) = manual integration (+) = signals summed

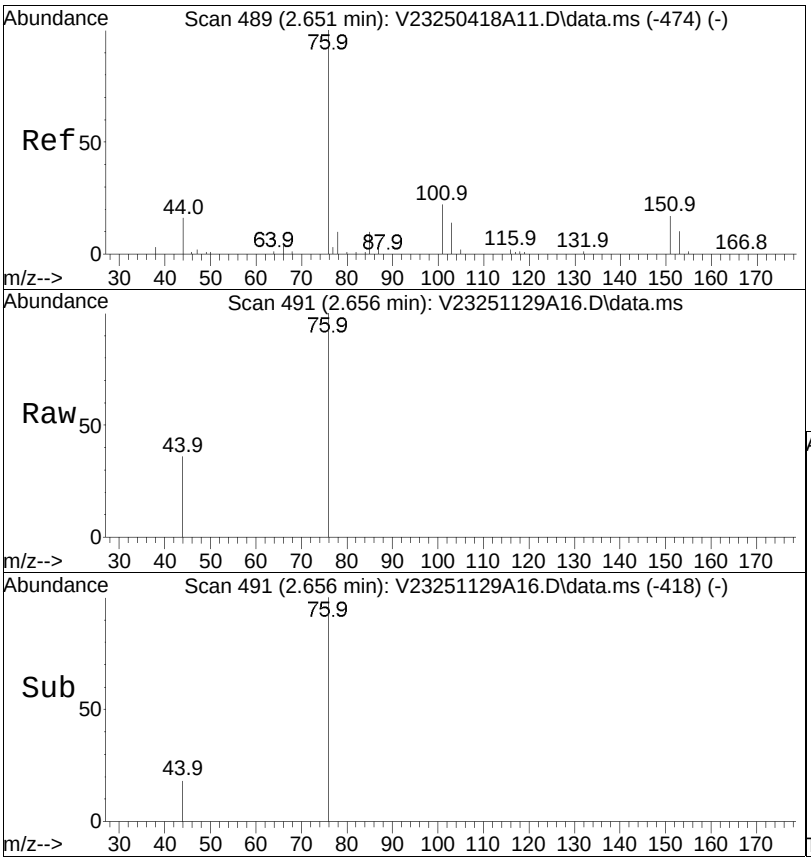
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A16.D
Acq On : 29 Nov 2025 04:20 pm
Operator : VOA123:JIC
Sample : L2574764-05,31,6.33,5,,B,31.99,38.57,0.25
Misc : WG2148015,ICAL22792
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 30 13:35:10 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251129A02.D•

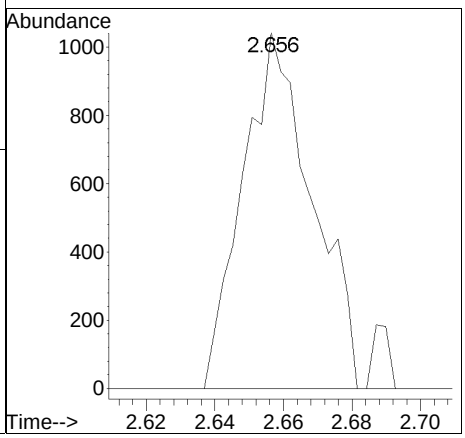


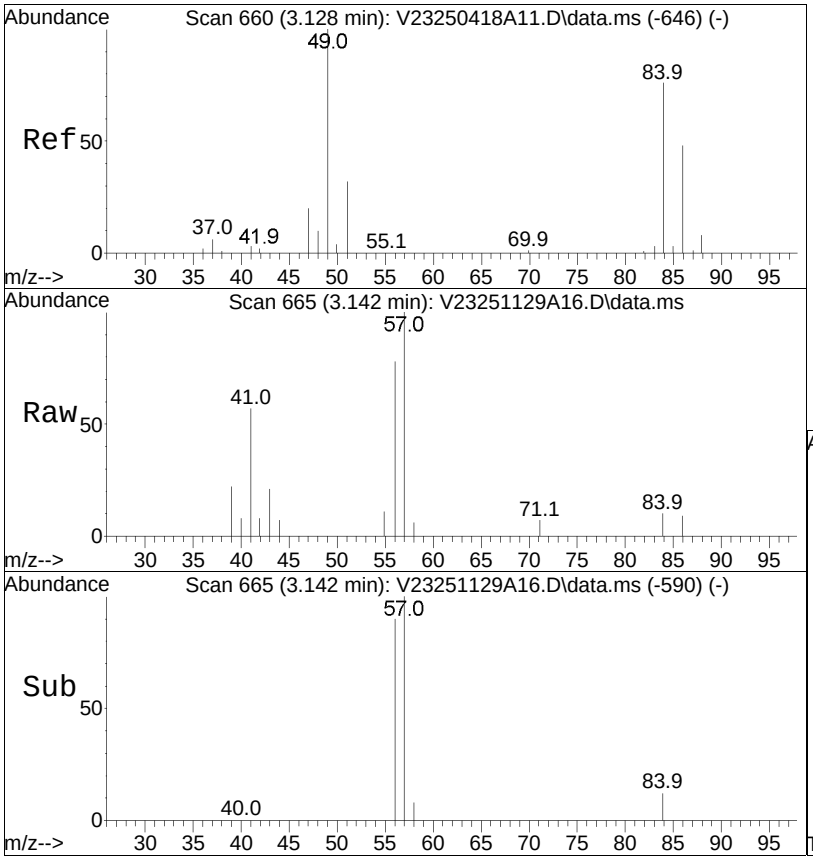


#11
Carbon disulfide
Concen: 0.20 ug/L
RT: 2.656 min Scan# 491
Delta R.T. 0.003 min
Lab File: V23251129A16.D
Acq: 29 Nov 2025 04:20 pm

Tgt Ion: 76 Resp: 1467

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.7	13.9#

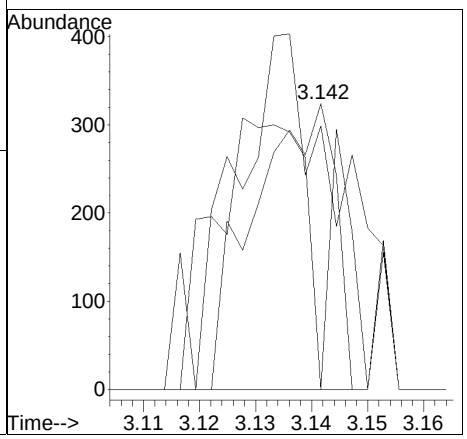


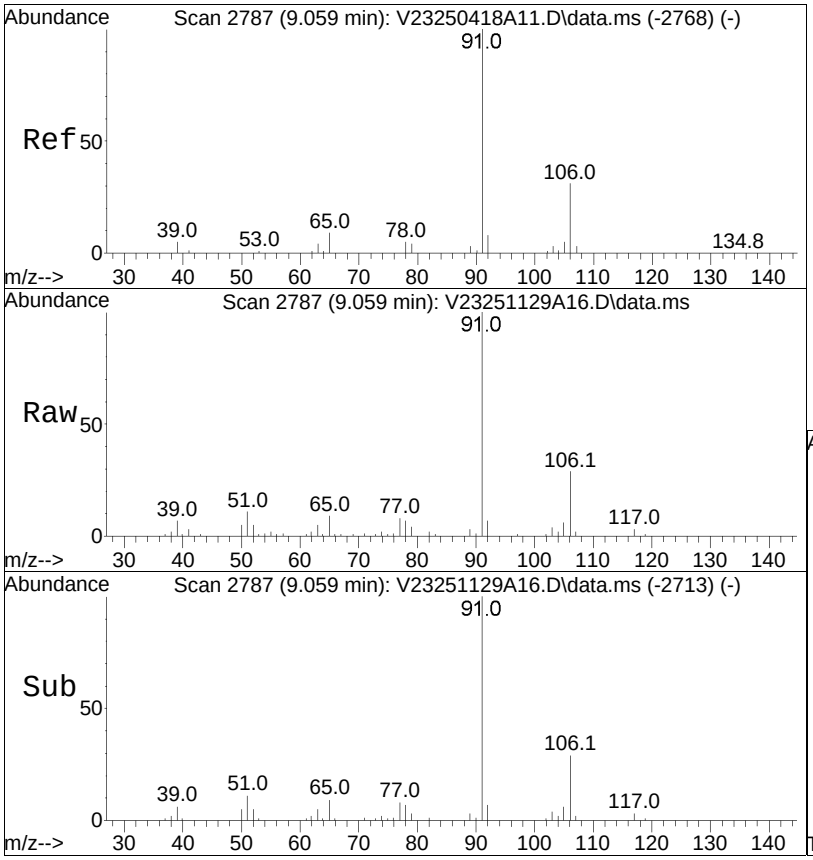


#15
Methylene chloride
Concen: 0.13 ug/L
RT: 3.142 min Scan# 665
Delta R.T. 0.008 min
Lab File: V23251129A16.D
Acq: 29 Nov 2025 04:20 pm

Tgt Ion: 84 Resp: 327

Ion	Ratio	Lower	Upper
84	100		
86	166.7	42.0	87.2#
49	33.0	74.0	153.6#

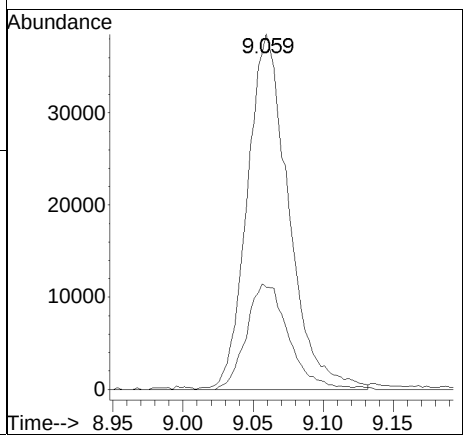


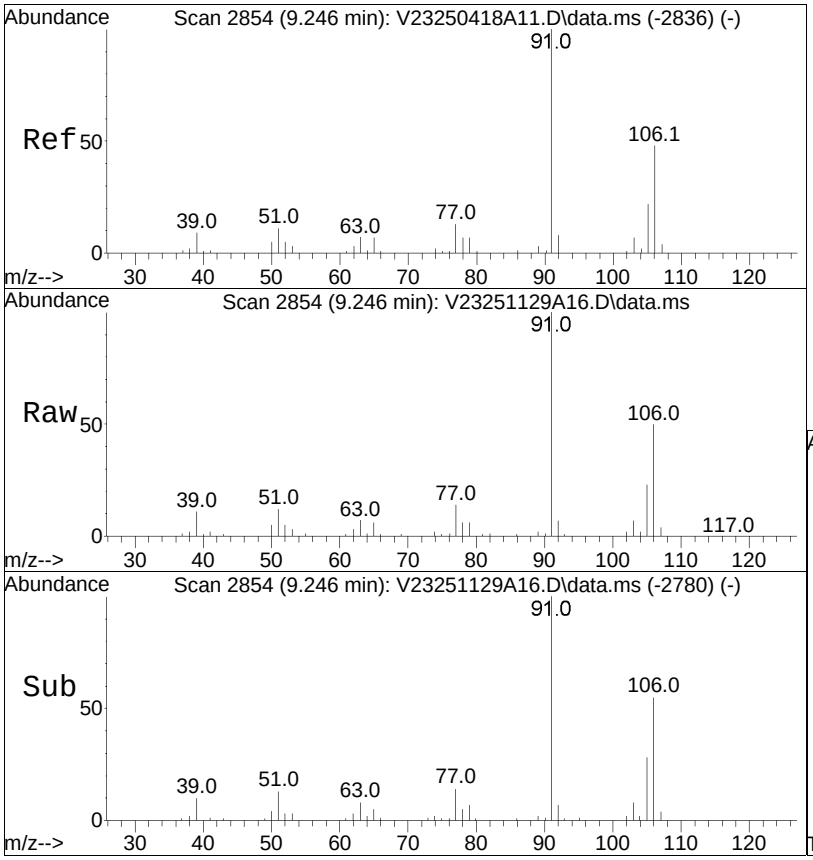


#74
Ethylbenzene
Concen: 6.95 ug/L
RT: 9.059 min Scan# 2787
Delta R.T. 0.006 min
Lab File: V23251129A16.D
Acq: 29 Nov 2025 04:20 pm

Tgt Ion: 91 Resp: 79222

Ion	Ratio	Lower	Upper
91	100		
106	30.1	25.2	37.8

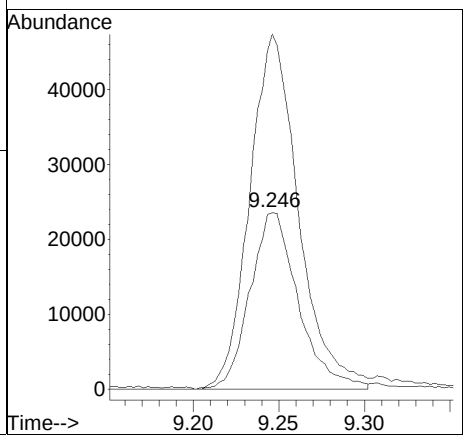


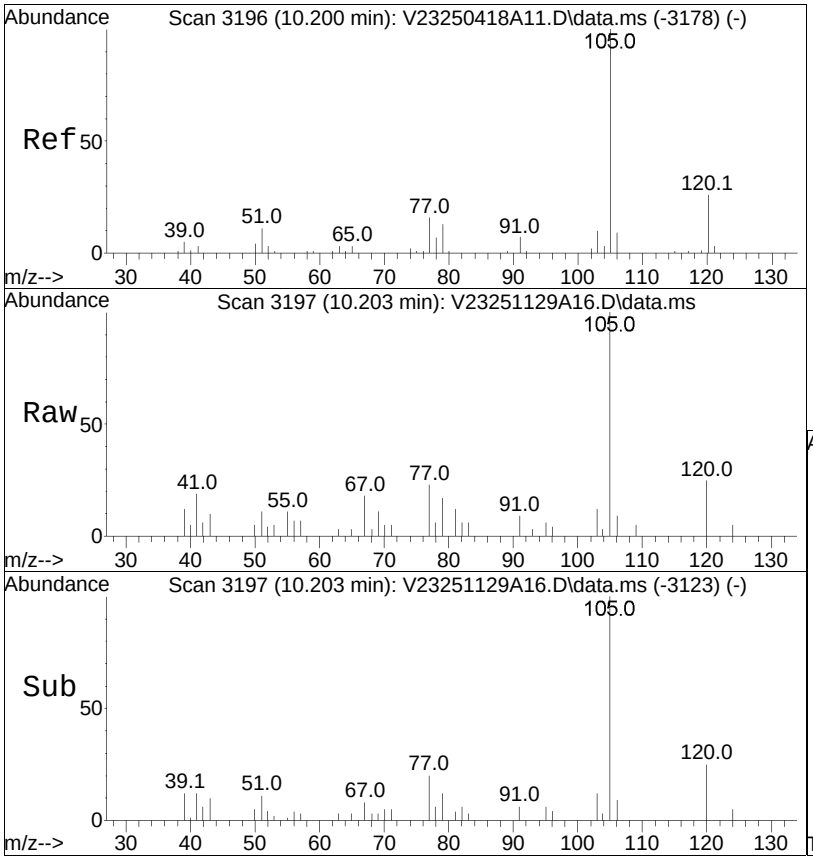


#76
p/m Xylene
Concen: 10.91 ug/L
RT: 9.246 min Scan# 2854
Delta R.T. 0.006 min
Lab File: V23251129A16.D
Acq: 29 Nov 2025 04:20 pm

Tgt Ion:106 Resp: 46489

Ion	Ratio	Lower	Upper
106	100		
91	202.9	160.4	240.6

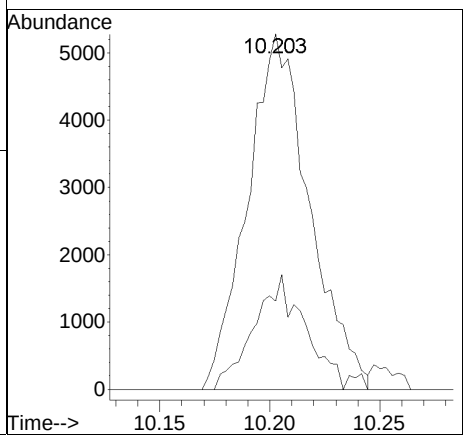


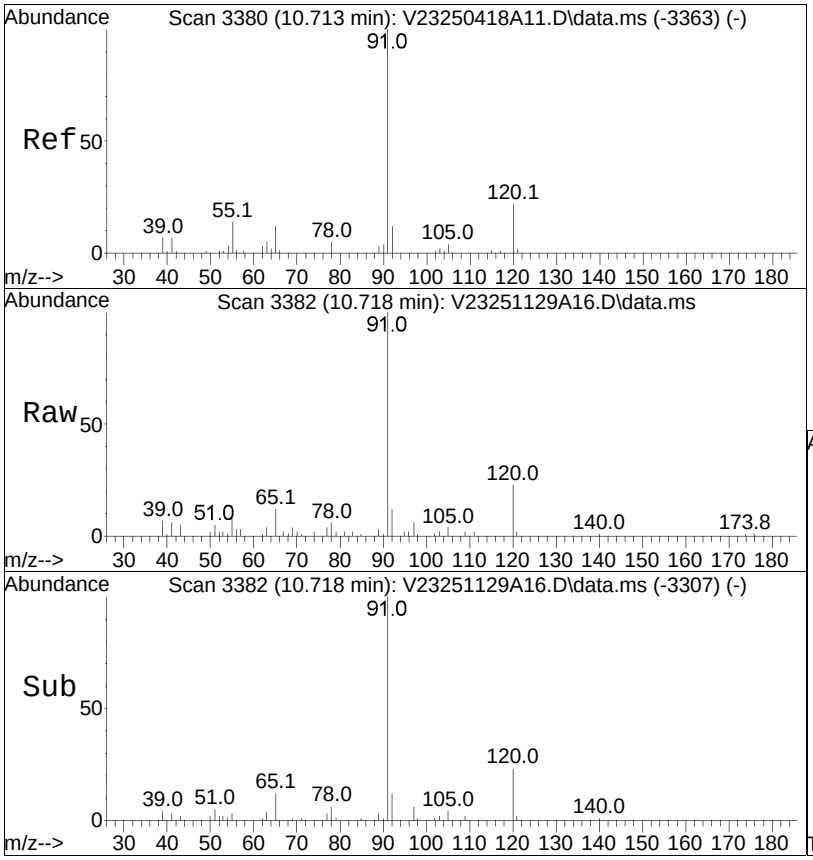


#82
Isopropylbenzene
Concen: 0.95 ug/L
RT: 10.203 min Scan# 3197
Delta R.T. 0.006 min
Lab File: V23251129A16.D
Acq: 29 Nov 2025 04:20 pm

Tgt Ion:105 Resp: 10367

Ion	Ratio	Lower	Upper
105	100		
120	26.4	6.6	46.6

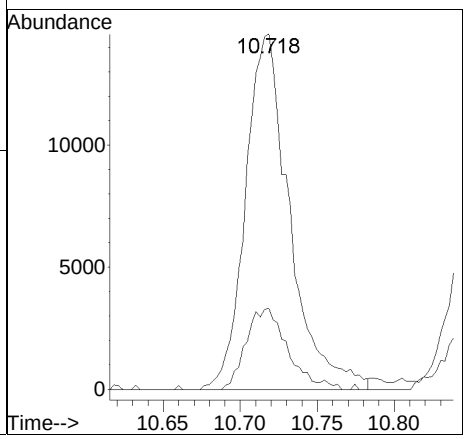


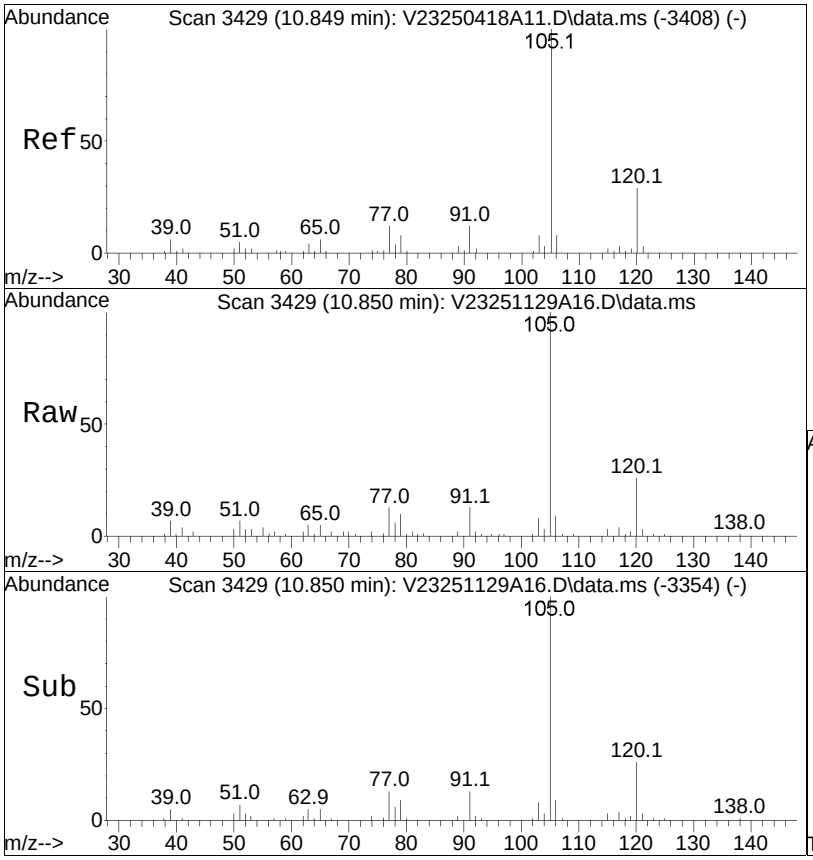


#85
n-Propylbenzene
Concen: 2.23 ug/L
RT: 10.718 min Scan# 3382
Delta R.T. 0.008 min
Lab File: V23251129A16.D
Acq: 29 Nov 2025 04:20 pm

Tgt Ion: 91 Resp: 29026

Ion	Ratio	Lower	Upper
91	100		
120	20.8	18.2	27.2

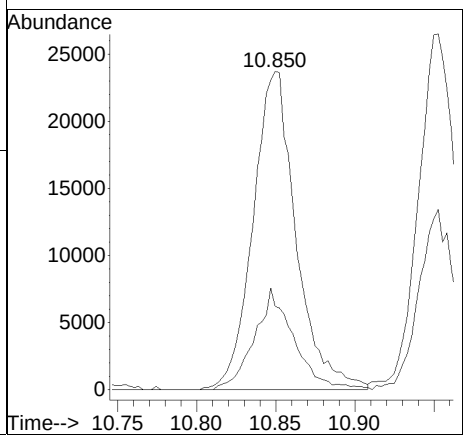


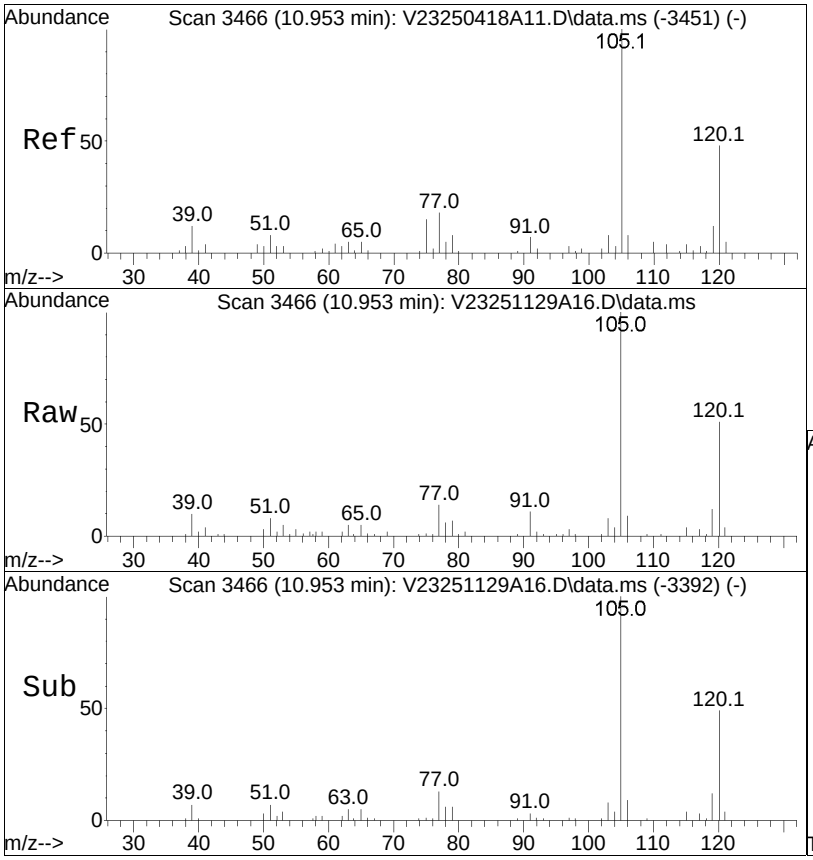


#88
4-Ethyltoluene
Concen: 4.14 ug/L
RT: 10.850 min Scan# 3429
Delta R.T. 0.008 min
Lab File: V23251129A16.D
Acq: 29 Nov 2025 04:20 pm

Tgt Ion:105 Resp: 44885

Ion	Ratio	Lower	Upper
105	100		
120	28.9	19.4	40.4

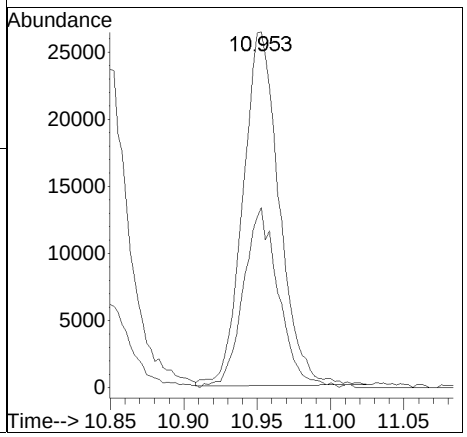


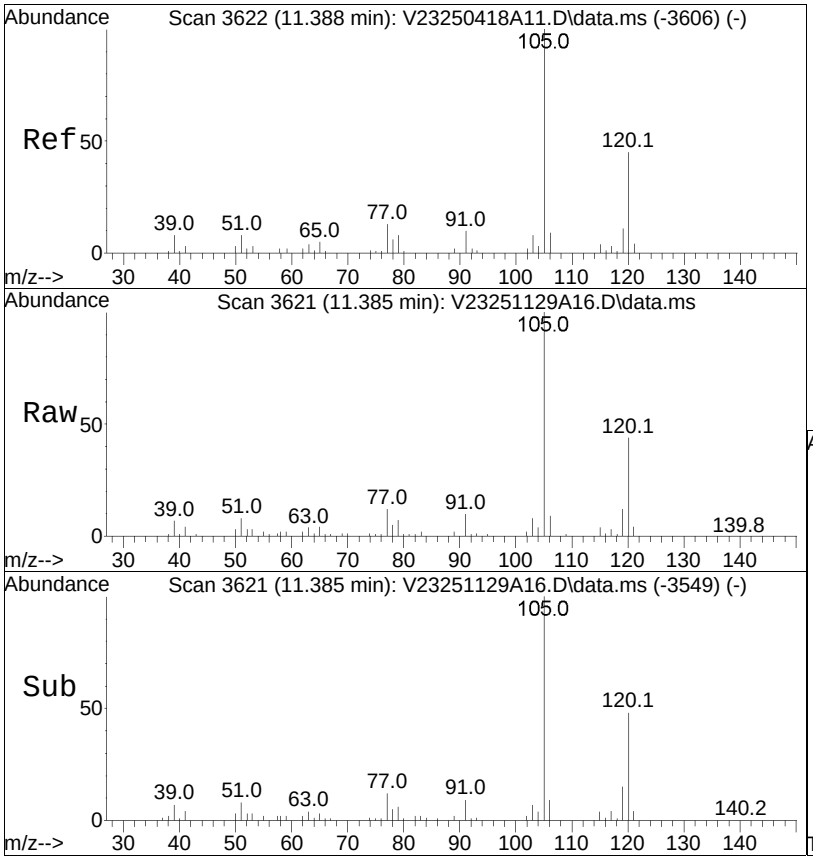


#90
1,3,5-Trimethylbenzene
Concen: 4.72 ug/L
RT: 10.953 min Scan# 3466
Delta R.T. 0.006 min
Lab File: V23251129A16.D
Acq: 29 Nov 2025 04:20 pm

Tgt Ion:105 Resp: 45459

Ion	Ratio	Lower	Upper
105	100		
120	49.3	39.9	59.9

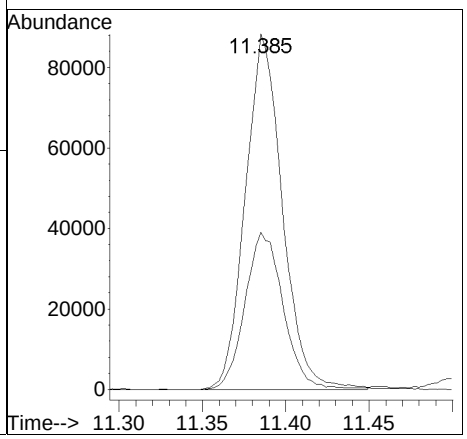


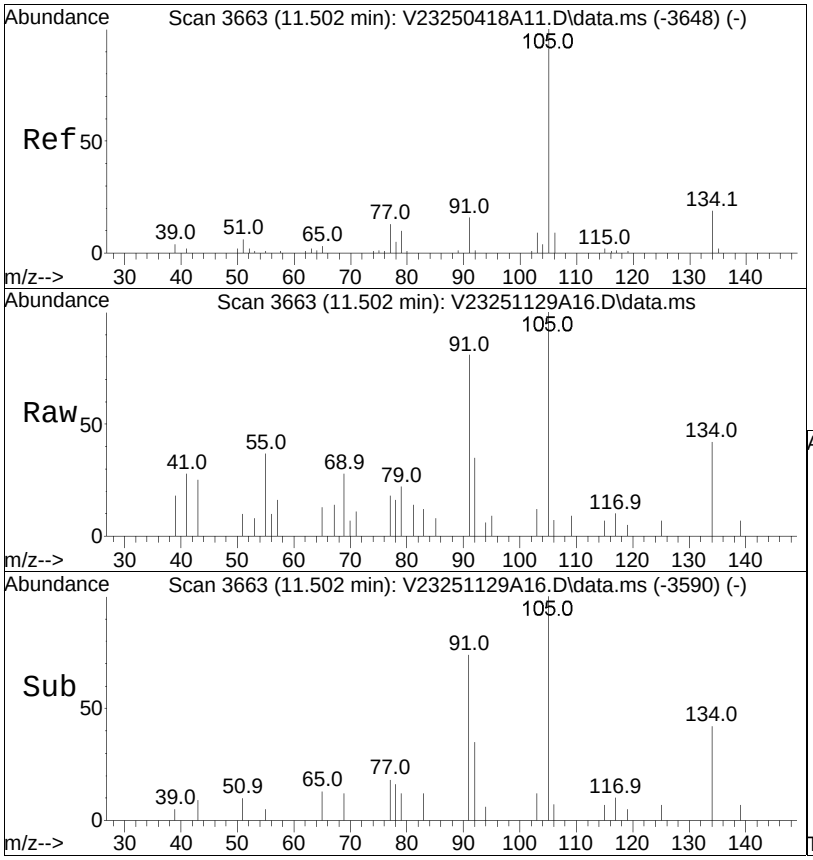


#97
1,2,4-Trimethylbenzene
Concen: 14.25 ug/L
RT: 11.385 min Scan# 3621
Delta R.T. 0.000 min
Lab File: V23251129A16.D
Acq: 29 Nov 2025 04:20 pm

Tgt Ion:105 Resp: 136301

Ion	Ratio	Lower	Upper
105	100		
120	45.8	36.9	55.3

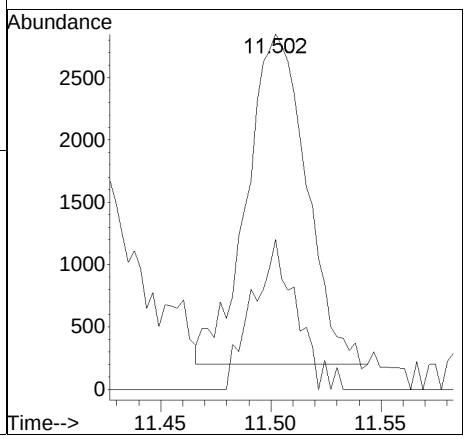


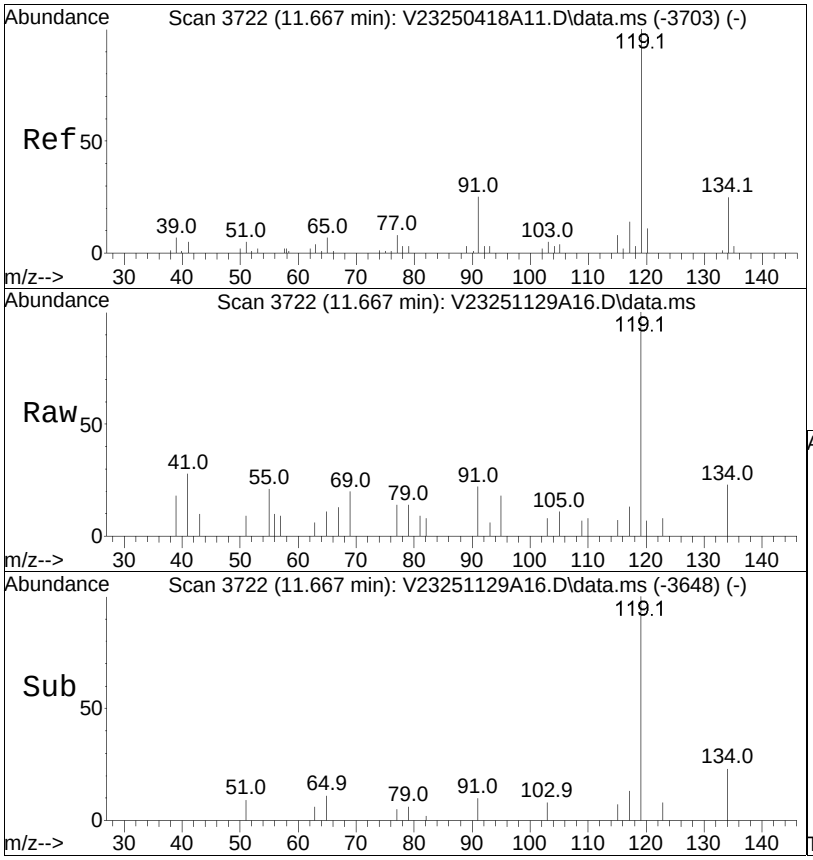


#98
sec-Butylbenzene
Concen: 0.41 ug/L
RT: 11.502 min Scan# 3663
Delta R.T. 0.003 min
Lab File: V23251129A16.D
Acq: 29 Nov 2025 04:20 pm

Tgt Ion:105 Resp: 4982

Ion	Ratio	Lower	Upper
105	100		
134	33.3	13.1	27.1#

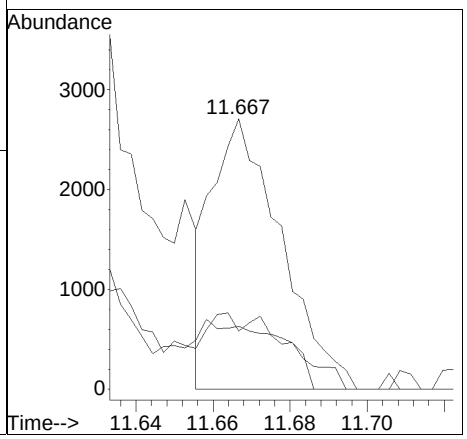


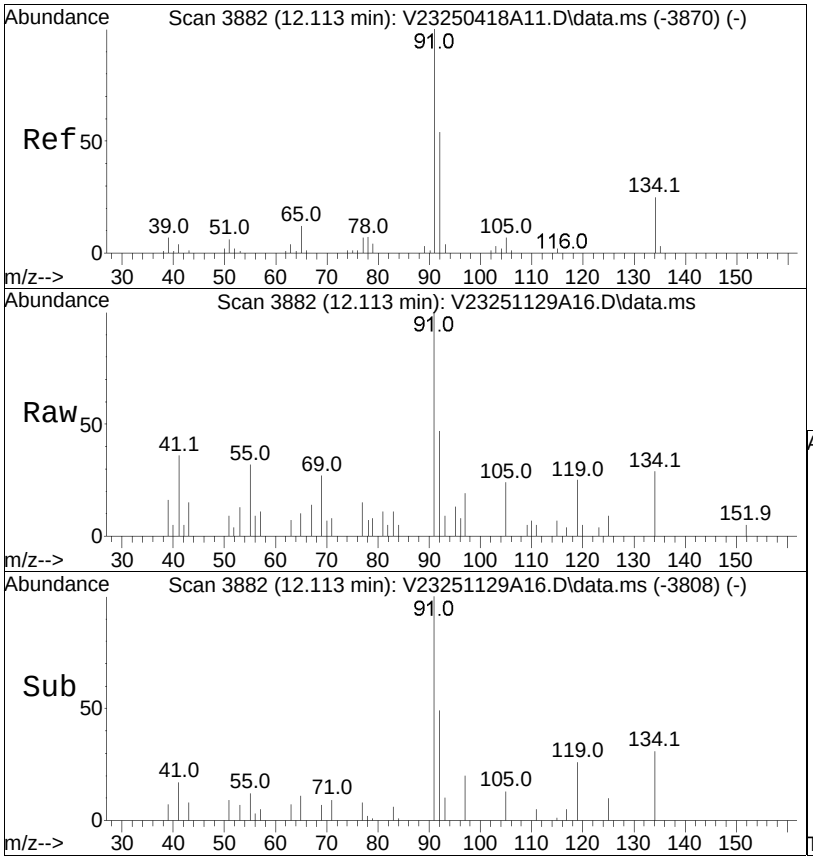


#99
p-Isopropyltoluene
Concen: 0.33 ug/L
RT: 11.667 min Scan# 3722
Delta R.T. 0.006 min
Lab File: V23251129A16.D
Acq: 29 Nov 2025 04:20 pm

Tgt Ion:119 Resp: 3394

Ion	Ratio	Lower	Upper
119	100		
134	30.0	17.2	35.6
91	5.2	15.1	31.3#

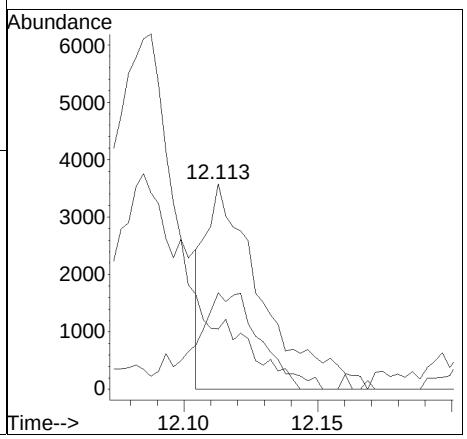


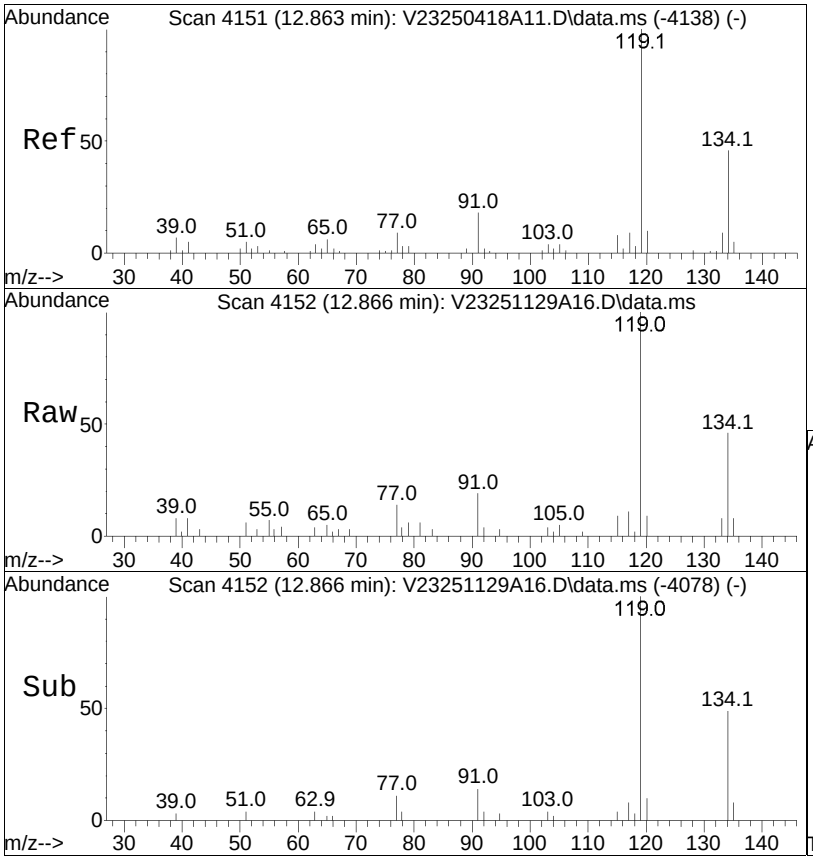


#103
n-Butylbenzene
Concen: 0.56 ug/L
RT: 12.113 min Scan# 3882
Delta R.T. 0.006 min
Lab File: V23251129A16.D
Acq: 29 Nov 2025 04:20 pm

Tgt Ion: 91 Resp: 5236

Ion	Ratio	Lower	Upper
91	100		
92	55.7	44.2	66.4
134	0.0	21.2	31.8#

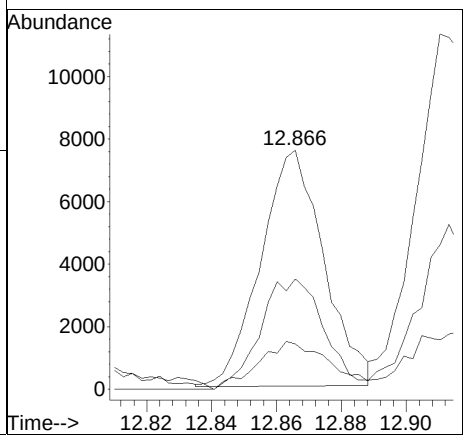


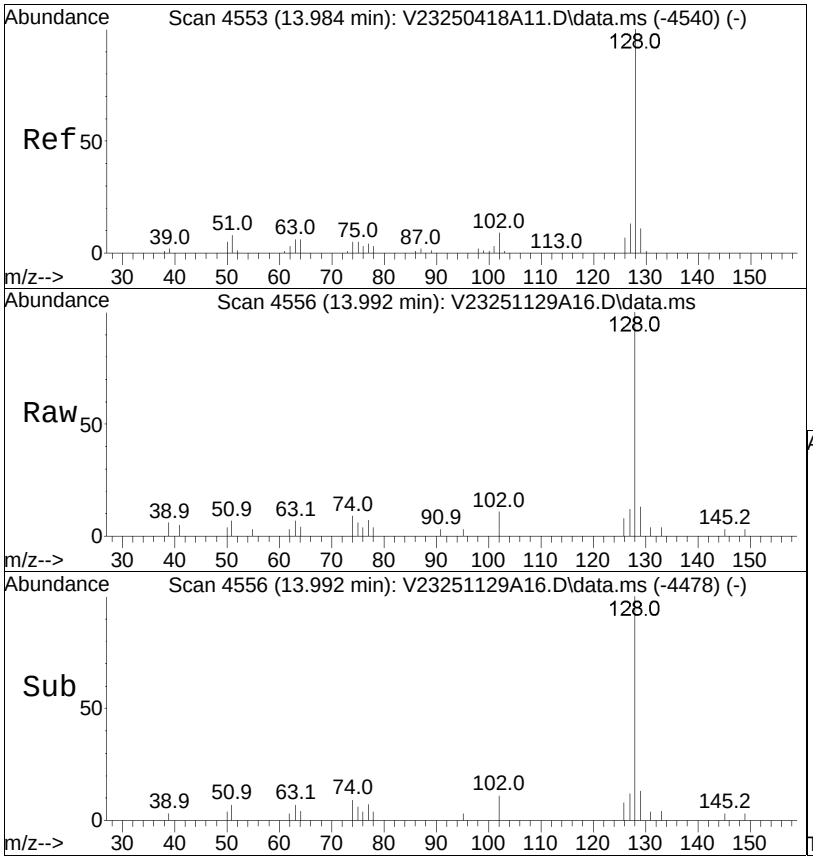


#105
1,2,4,5-Tetramethylbenzene
Concen: 1.02 ug/L
RT: 12.866 min Scan# 4152
Delta R.T. 0.006 min
Lab File: V23251129A16.D
Acq: 29 Nov 2025 04:20 pm

Tgt Ion:119 Resp: 10224

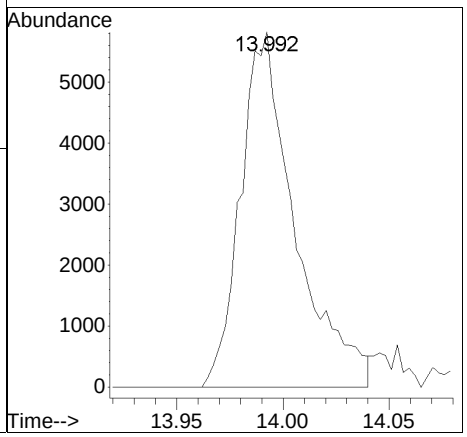
Ion	Ratio	Lower	Upper
119	100		
134	47.3	31.3	64.9
91	22.7	10.3	21.3#





#110
Naphthalene
Concen: 1.44 ug/L
RT: 13.992 min Scan# 4556
Delta R.T. 0.017 min
Lab File: V23251129A16.D
Acq: 29 Nov 2025 04:20 pm

Tgt Ion:128 Resp: 10376



Manual Integration Report

Data Path	: K:\VOA123\2025\251129A\	QMethod	: V123_251103N_8260.m
Data File	: V23251129A16.D	Operator	: VOA123:JIC
Date Inj'd	: 11/29/2025 4:20 pm	Instrument	: VOA123
Sample	: L2574764-05,31,6.33,5,,B,3	Quant Date	: 11/30/2025 11:22 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A17.D
Acq On : 29 Nov 2025 04:46 pm
Operator : VOA123:JIC
Sample : L2574764-07,31,5.36,5,,B,32.52,38.13,0.25
Misc : WG2148015,ICAL22792
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 30 13:37:15 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.531	96	1079098	20.000	ug/L	# 0.01
Standard Area 1 = 206936			Recovery = 521.46% *			
59) Chlorobenzene-d5	9.003	117	207914	20.000	ug/L	0.01
Standard Area 1 = 154785			Recovery = 134.32%			
79) 1,4-Dichlorobenzene-d4	11.812	152	80180	20.000	ug/L	# 0.01
Standard Area 1 = 86212			Recovery = 93.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.737	113	52504	3.863	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 19.31%#			
43) 1,2-Dichloroethane-d4	5.110	65	138853	9.980	ug/L	-0.13
Spiked Amount 20.000	Range 70 - 130		Recovery = 49.90%#			
60) Toluene-d8	7.188	98	347425	24.709	ug/L	0.01
Spiked Amount 20.000	Range 70 - 130		Recovery = 123.54%			
83) 4-Bromofluorobenzene	10.534	95	564633	157.515	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 787.57%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.301	85	91	N.D.		
3) Chloromethane	1.652	50	348	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	2.071	64	6184	0.636	ug/L	95
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.659	76	51398	1.242	ug/L	94
15) Methylene chloride	0.000		0	N.D.	d	
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	3.356	73	2788	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.	d	
25) Acrylonitrile	0.000		0	N.D.	d	
27) Vinyl acetate	0.000		0	N.D.	d	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	d	
29) 2,2-Dichloropropane	0.000		0	N.D.	d	
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.	d	

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A17.D
Acq On : 29 Nov 2025 04:46 pm
Operator : VOA123:JIC
Sample : L2574764-07,31,5.36,5,,B,32.52,38.13,0.25
Misc : WG2148015,ICAL22792
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 30 13:37:15 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.	d	
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	0.000		0	N.D.	d	
41) Benzene	0.000		0	N.D.	d	
44) 1,2-Dichloroethane	0.000		0	N.D.	d	
48) Trichloroethene	0.000		0	N.D.	d	
50) Dibromomethane	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	0.000		0	N.D.	d	
54) Bromodichloromethane	0.000		0	N.D.	d	
57) 1,4-Dioxane	0.000		0	N.D.	d	
58) cis-1,3-Dichloropropene	6.993	75	659	N.D.		
61) Toluene	7.244	92	34718	3.928	ug/L #	1
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d	
63) Tetrachloroethene	7.684	166	1863	0.490	ug/L #	1
65) trans-1,3-Dichloropropene	0.000		0	N.D.	d	
68) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
69) Chlorodibromomethane	0.000		0	N.D.	d	
70) 1,3-Dichloropropane	8.231	76	149	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.	d	
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	0.000		0	N.D.	d	
74) Ethylbenzene	9.059	91	28957397M2	1655.050	ug/L	
75) 1,1,1,2-Tetrachloroethane	9.260	131	53	N.D.		
76) p/m Xylene	9.268	106	17465606	2669.847	ug/L #	1
77) o Xylene	9.795	106	46586	7.056	ug/L #	1
78) Styrene	9.868	104	167	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.208	105	8066353	671.116	ug/L	100
84) Bromobenzene	10.685	156	200	N.D.		
85) n-Propylbenzene	10.713	91	21824723M3	1525.338	ug/L	
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d	
88) 4-Ethyltoluene	10.849	105	22121489M3	1857.879	ug/L	
89) 2-Chlorotoluene	0.000		0	N.D.	d	
90) 1,3,5-Trimethylbenzene	10.958	105	18649426M2	1765.706	ug/L	
91) 1,2,3-Trichloropropane	0.000		0	N.D.	d	
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
93) 4-Chlorotoluene	0.000		0	N.D.	d	
94) tert-Butylbenzene	11.312	119	112376M2	12.707	ug/L	

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A17.D
Acq On : 29 Nov 2025 04:46 pm
Operator : VOA123:JIC
Sample : L2574764-07,31,5.36,5,,B,32.52,38.13,0.25
Misc : WG2148015,ICAL22792
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 30 13:37:15 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
97)	1,2,4-Trimethylbenzene	11.388	105	28441323m	2709.223	ug/L		
98)	sec-Butylbenzene	11.510	105	2849872	215.420	ug/L	#	57
99)	p-Isopropyltoluene	11.672	119	1782641	155.586	ug/L		98
100)	1,3-Dichlorobenzene	11.736	146	104	N.D.			
101)	1,4-Dichlorobenzene	11.820	146	63	N.D.			
102)	p-Diethylbenzene	12.060	119	1357475m	200.108	ug/L		
103)	n-Butylbenzene	12.116	91	3146163	306.105	ug/L	#	72
104)	1,2-Dichlorobenzene	0.000		0	N.D.	d		
105)	1,2,4,5-Tetramethylben...	12.863	119	2488917	225.328	ug/L		98
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.	d		
108)	Hexachlorobutadiene	0.000		0	N.D.			
109)	1,2,4-Trichlorobenzene	13.699	180	27	N.D.			
110)	Naphthalene	13.978	128	1038301	130.927	ug/L		100
111)	1,2,3-Trichlorobenzene	0.000		0	N.D.			

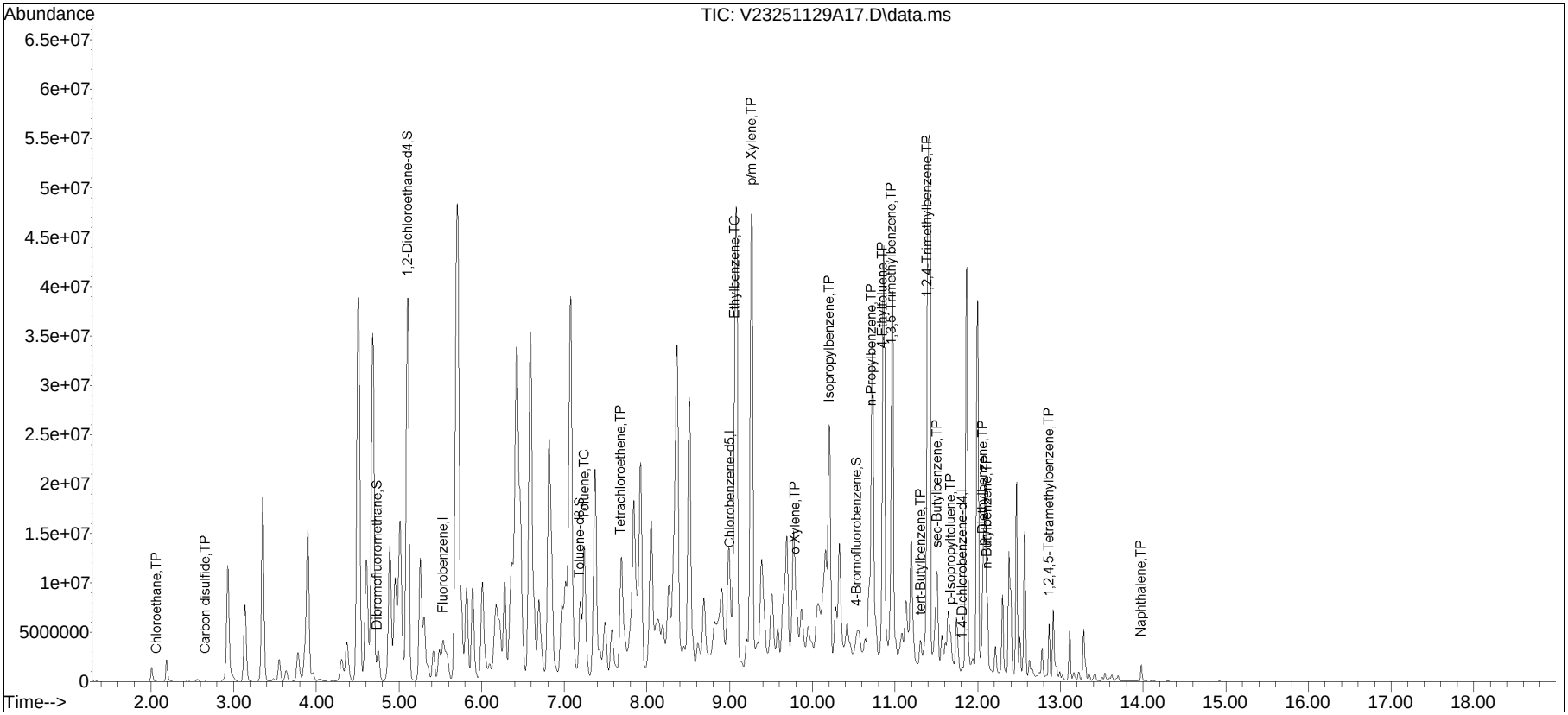
(#) = qualifier out of range (m) = manual integration (+) = signals summed

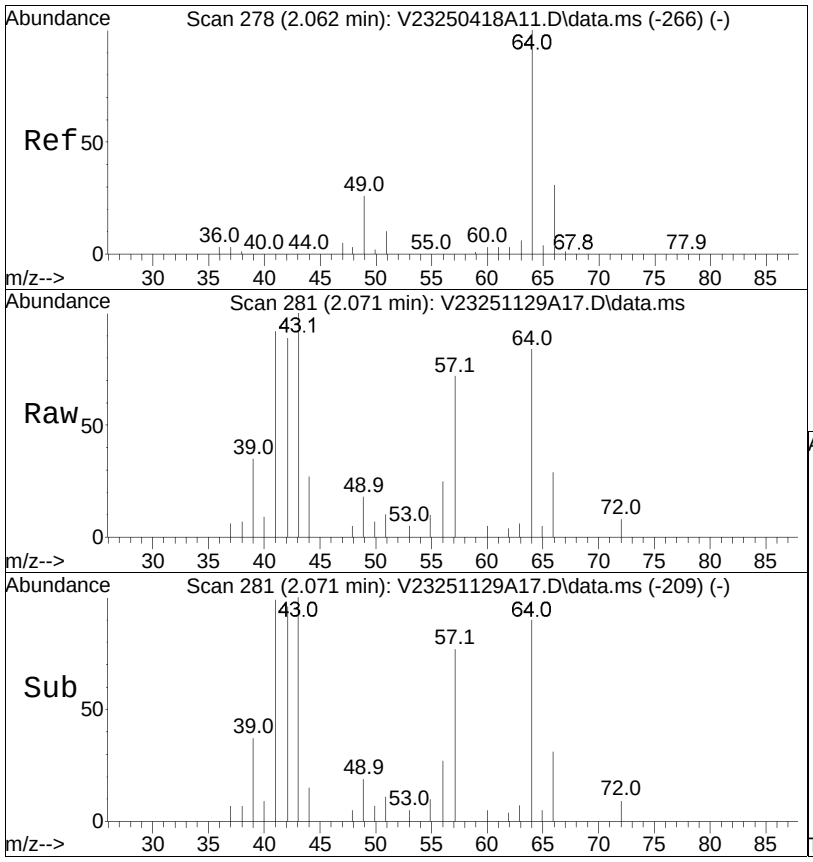
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A17.D
Acq On : 29 Nov 2025 04:46 pm
Operator : VOA123:JIC
Sample : L2574764-07,31,5.36,5,,B,32.52,38.13,0.25
Misc : WG2148015,ICAL22792
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 30 13:37:15 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251129A02.D•

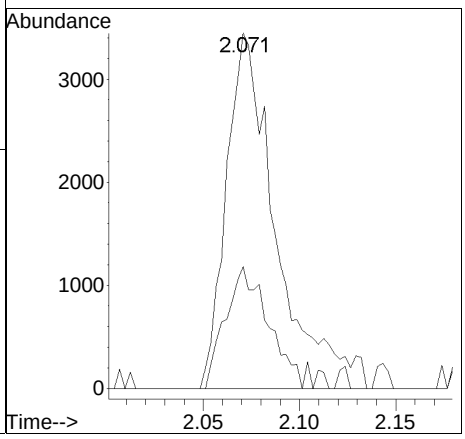


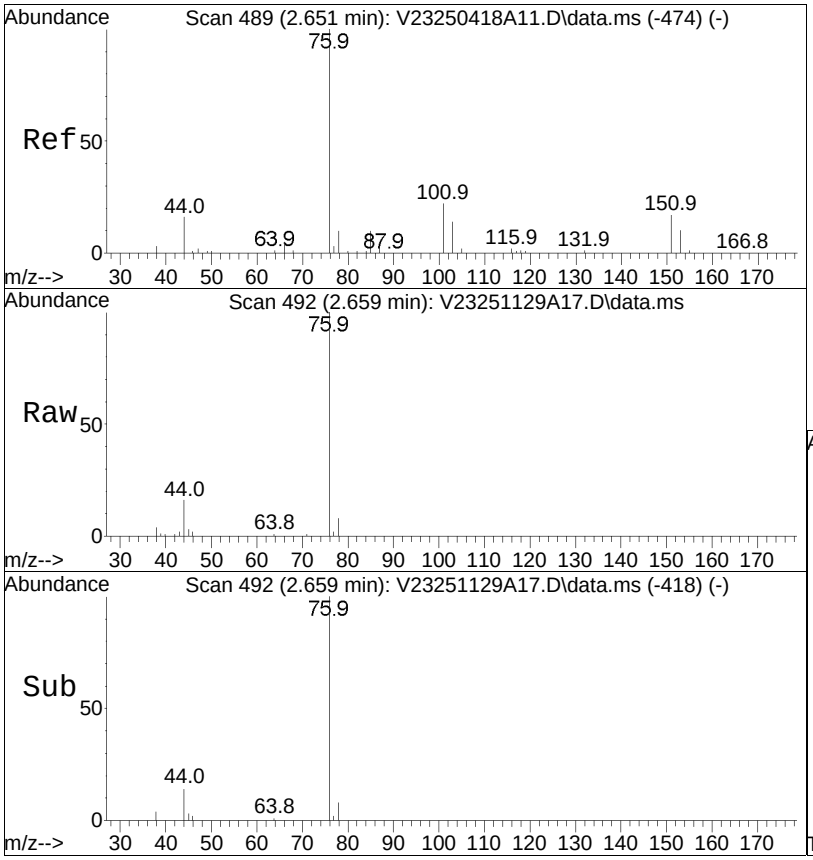


#6
Chloroethane
Concen: 0.64 ug/L
RT: 2.071 min Scan# 281
Delta R.T. -0.000 min
Lab File: V23251129A17.D
Acq: 29 Nov 2025 04:46 pm

Tgt Ion: 64 Resp: 6184

Ion	Ratio	Lower	Upper
64	100		
66	29.6	12.6	52.6

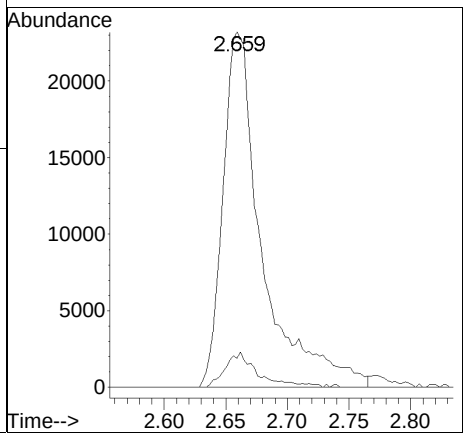


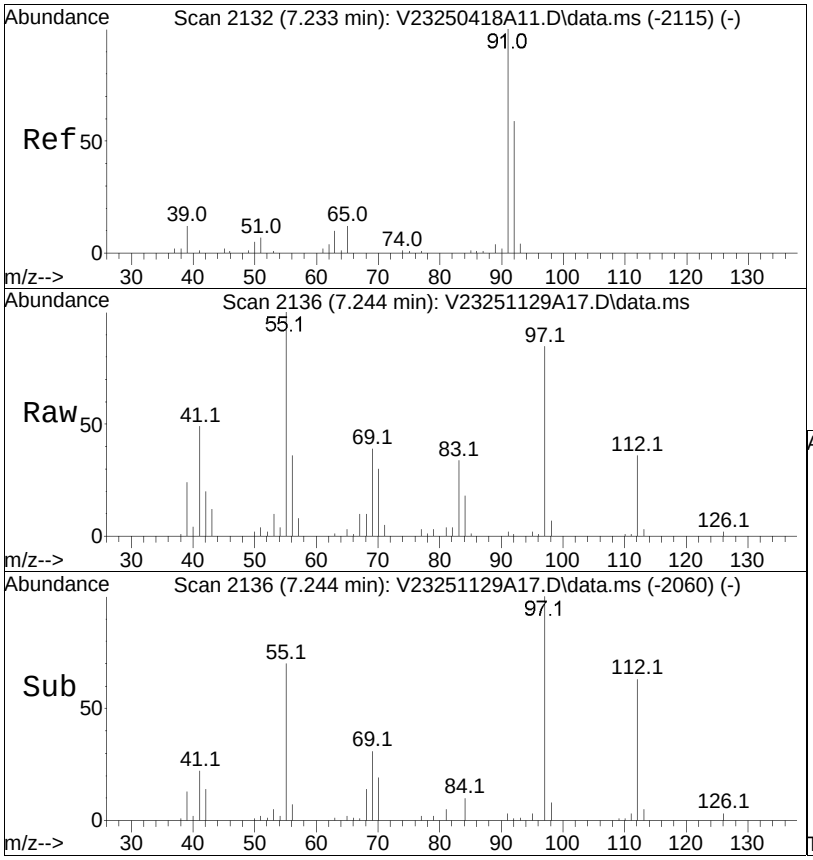


#11
Carbon disulfide
Concen: 1.24 ug/L
RT: 2.659 min Scan# 492
Delta R.T. 0.005 min
Lab File: V23251129A17.D
Acq: 29 Nov 2025 04:46 pm

Tgt Ion: 76 Resp: 51398

Ion	Ratio	Lower	Upper
76	100		
78	8.0	6.7	13.9

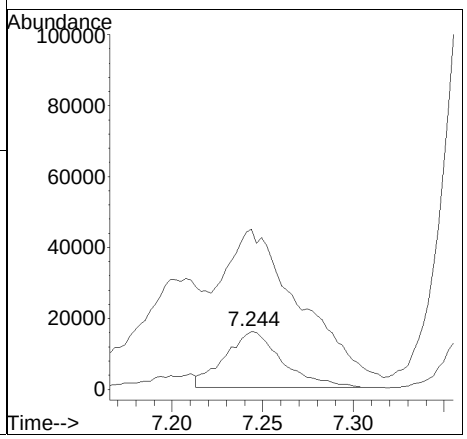


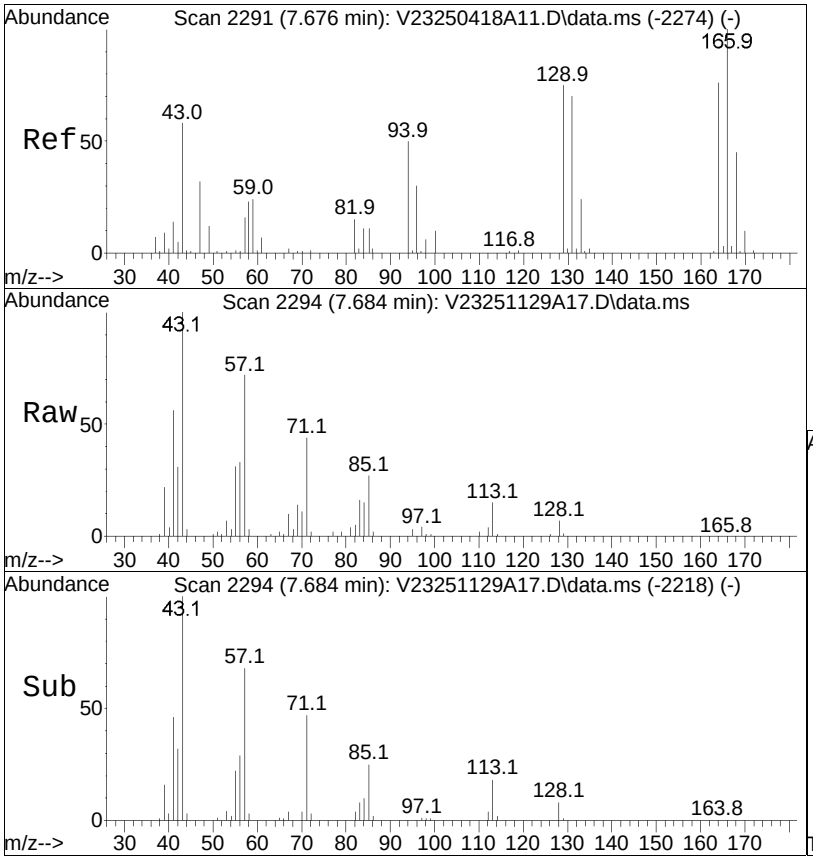


#61
Toluene
Concen: 3.93 ug/L
RT: 7.244 min Scan# 2136
Delta R.T. 0.011 min
Lab File: V23251129A17.D
Acq: 29 Nov 2025 04:46 pm

Tgt Ion: 92 Resp: 34718

Ion	Ratio	Lower	Upper
92	100		
91	326.4	136.4	204.6#

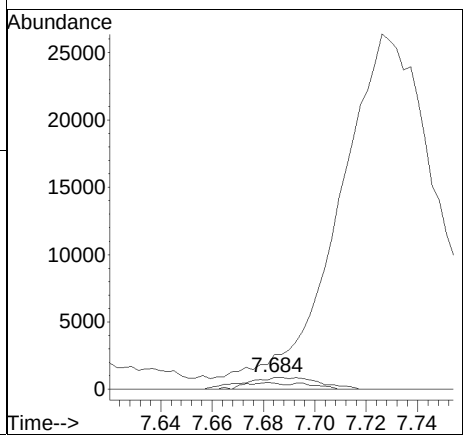


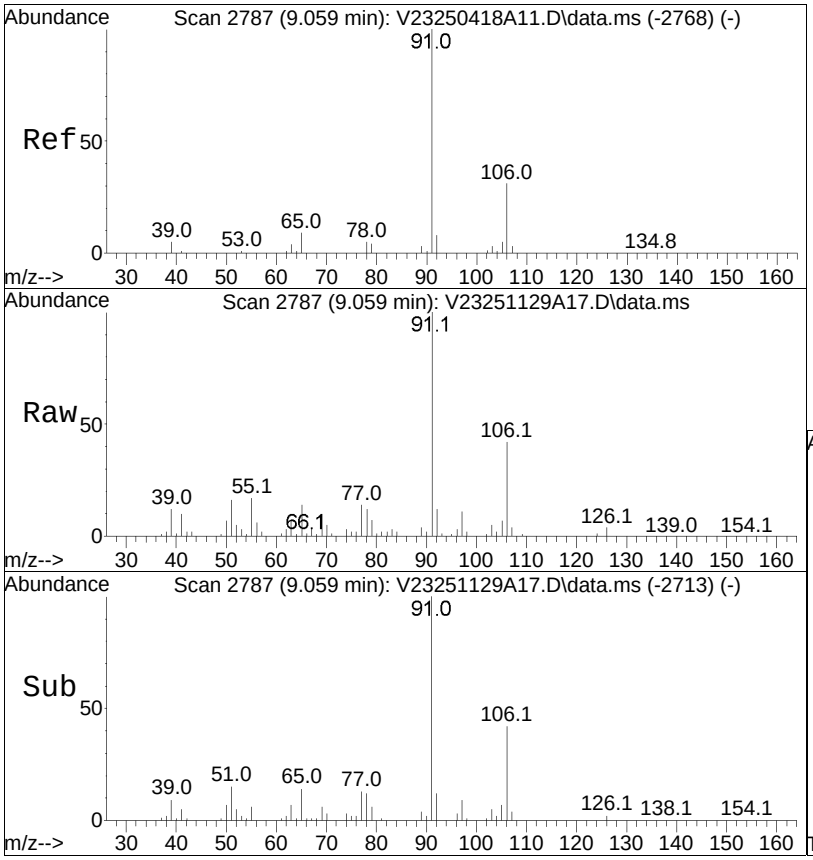


#63
Tetrachloroethene
Concen: 0.49 ug/L
RT: 7.684 min Scan# 2294
Delta R.T. 0.011 min
Lab File: V23251129A17.D
Acq: 29 Nov 2025 04:46 pm

Tgt Ion:166 Resp: 1863

Ion	Ratio	Lower	Upper
166	100		
168	30.9	28.0	68.0
94	3529.0	23.3	63.3#

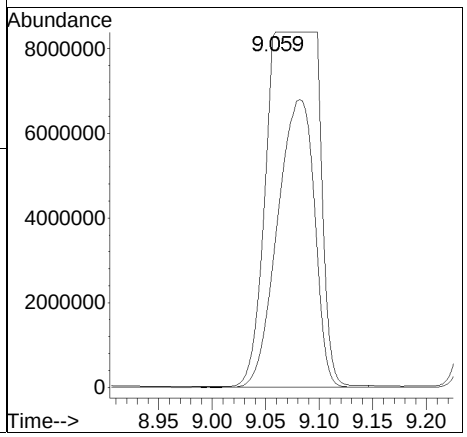


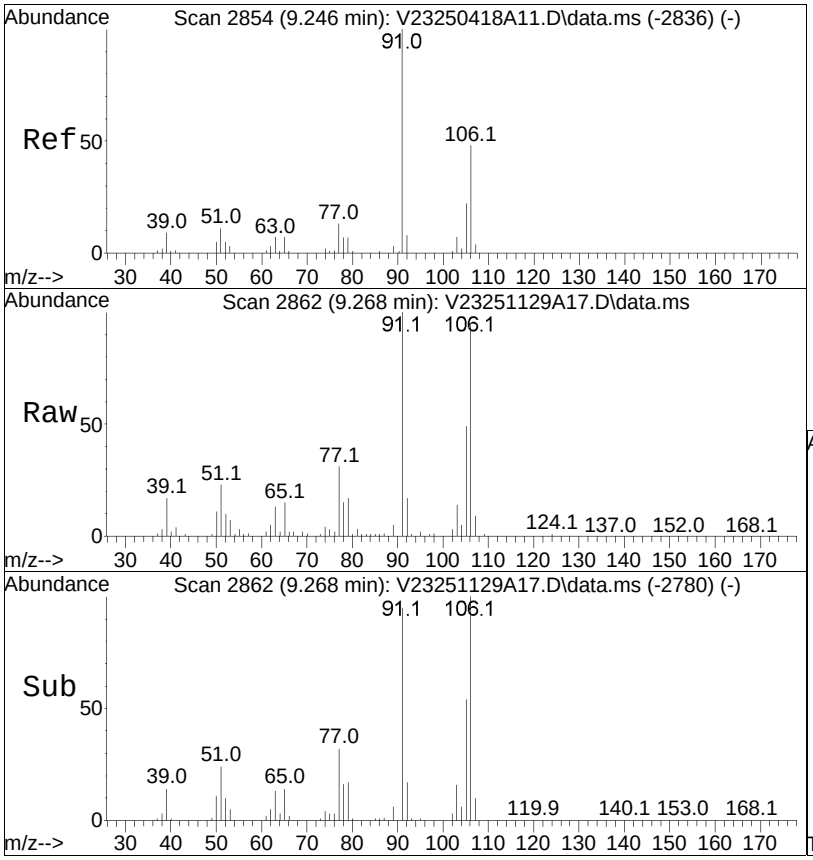


#74
Ethylbenzene
Concen: 1655.05 ug/L M2
RT: 9.059 min Scan# 2787
Delta R.T. 0.005 min
Lab File: V23251129A17.D
Acq: 29 Nov 2025 04:46 pm

Tgt Ion: 91 Resp:28957397

Ion	Ratio	Lower	Upper
91	100		
106	0.0	25.2	37.8#

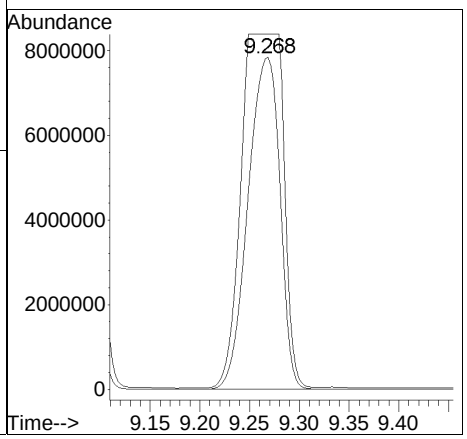


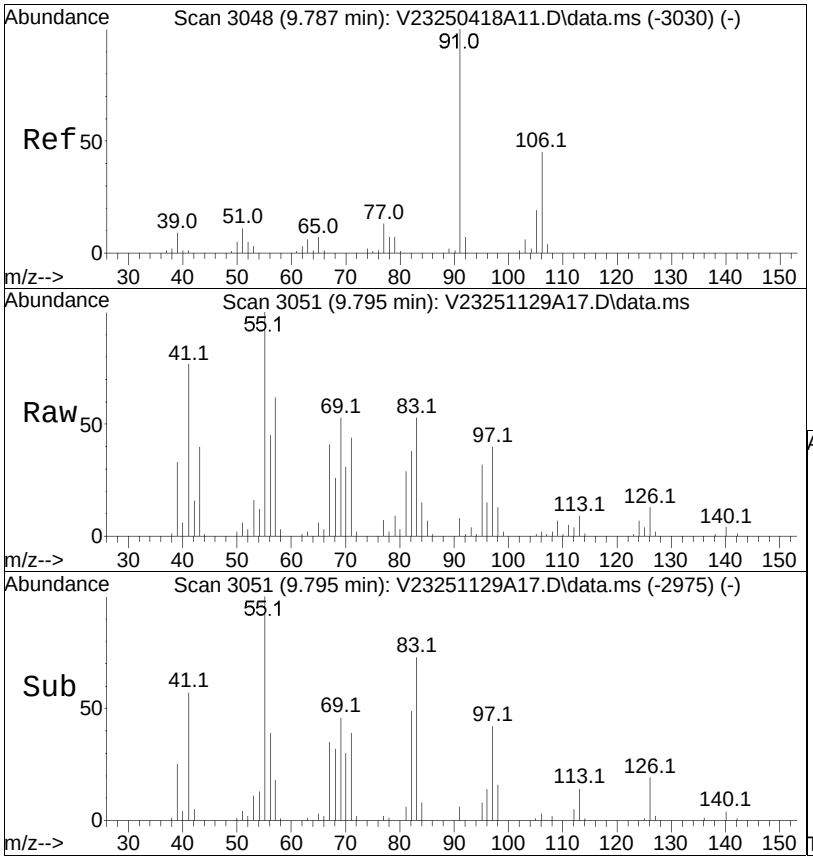


#76
p/m Xylene
Concen: 2669.85 ug/L
RT: 9.268 min Scan# 2862
Delta R.T. 0.028 min
Lab File: V23251129A17.D
Acq: 29 Nov 2025 04:46 pm

Tgt Ion:106 Resp:17465606

Ion	Ratio	Lower	Upper
106	100		
91	0.0	160.4	240.6#

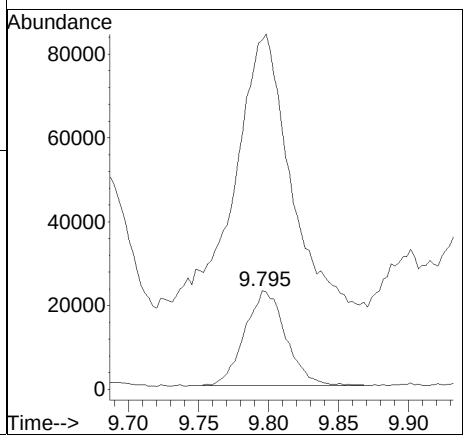


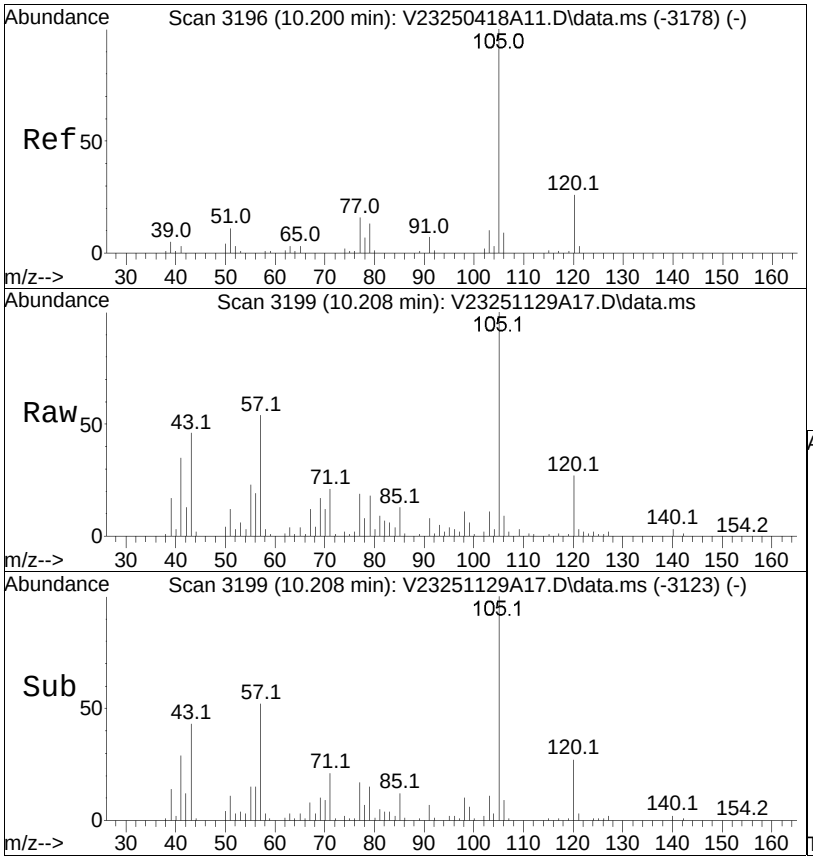


#77
o Xylene
Concen: 7.06 ug/L
RT: 9.795 min Scan# 3051
Delta R.T. 0.011 min
Lab File: V23251129A17.D
Acq: 29 Nov 2025 04:46 pm

Tgt Ion:106 Resp: 46586

Ion	Ratio	Lower	Upper
106	100		
91	368.3	169.6	254.4#

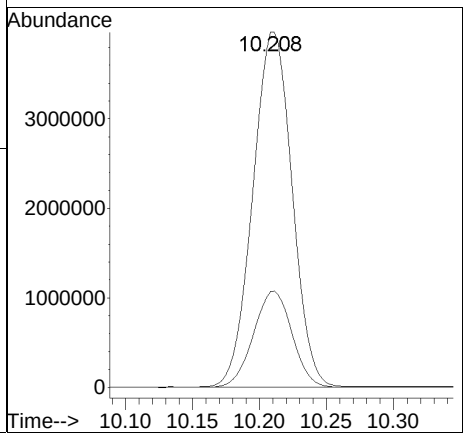


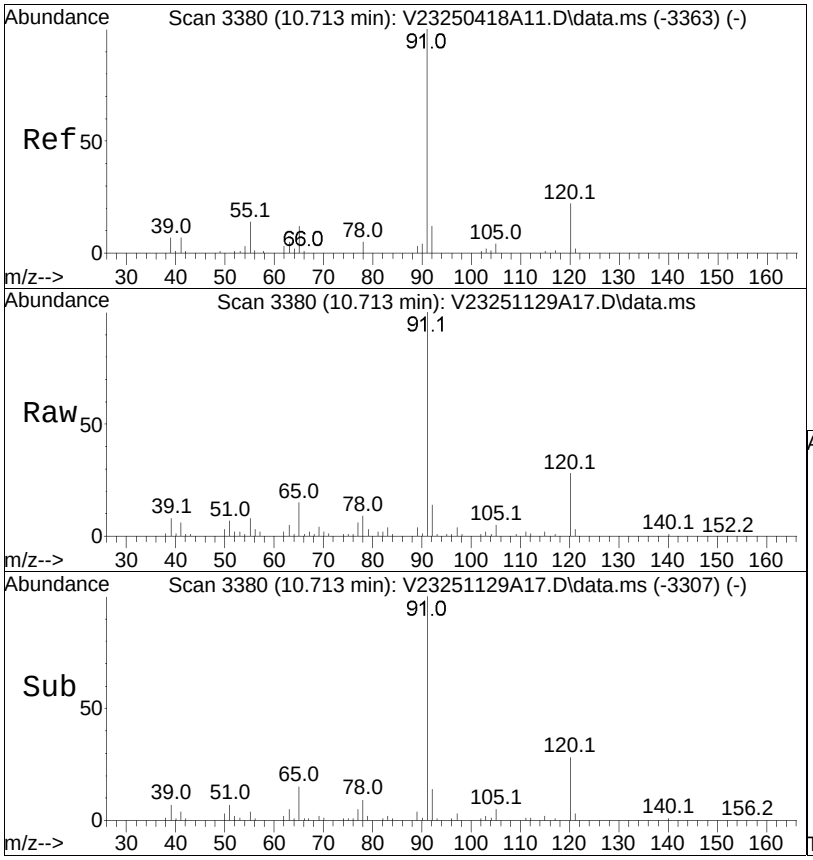


#82
Isopropylbenzene
Concen: 671.12 ug/L
RT: 10.208 min Scan# 3199
Delta R.T. 0.011 min
Lab File: V23251129A17.D
Acq: 29 Nov 2025 04:46 pm

Tgt Ion:105 Resp: 8066353

Ion	Ratio	Lower	Upper
105	100		
120	26.7	6.6	46.6

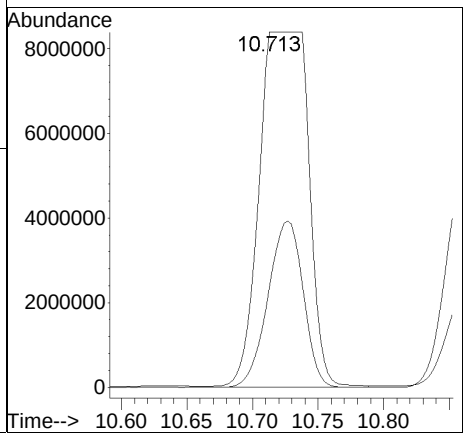


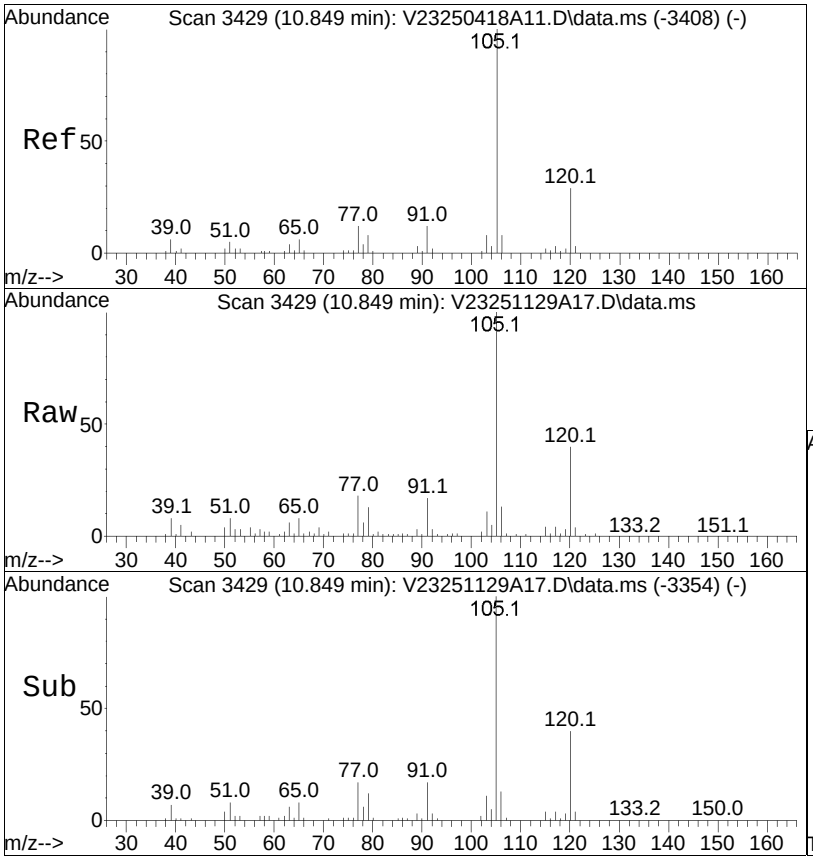


#85
n-Propylbenzene
Concen: 1525.34 ug/L M3
RT: 10.713 min Scan# 3380
Delta R.T. 0.003 min
Lab File: V23251129A17.D
Acq: 29 Nov 2025 04:46 pm

Tgt Ion: 91 Resp:21824723

Ion	Ratio	Lower	Upper
91	100		
120	47.2	18.2	27.2#

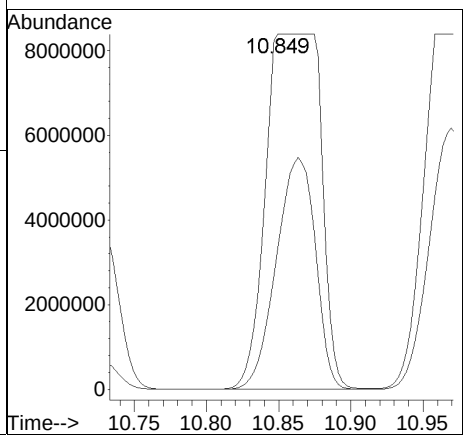


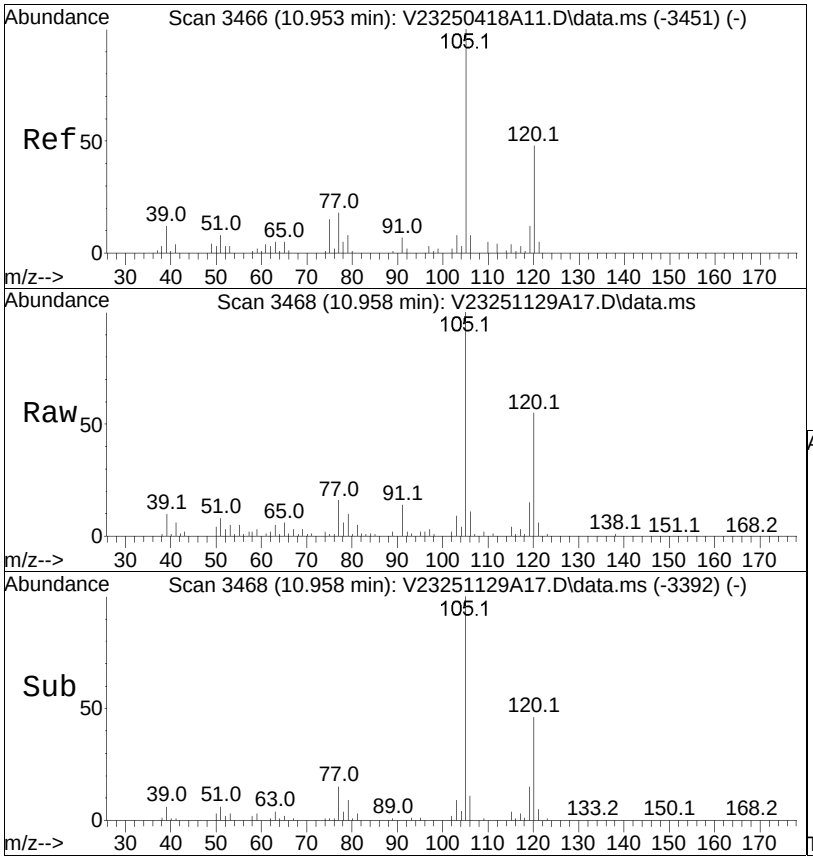


#88
4-Ethyltoluene
Concen: 1857.88 ug/L M3
RT: 10.849 min Scan# 3429
Delta R.T. 0.008 min
Lab File: V23251129A17.D
Acq: 29 Nov 2025 04:46 pm

Tgt Ion:105 Resp:22121489

Ion	Ratio	Lower	Upper
105	100		
120	33.1	19.4	40.4

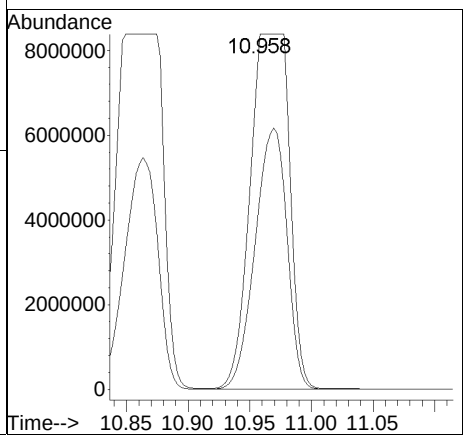


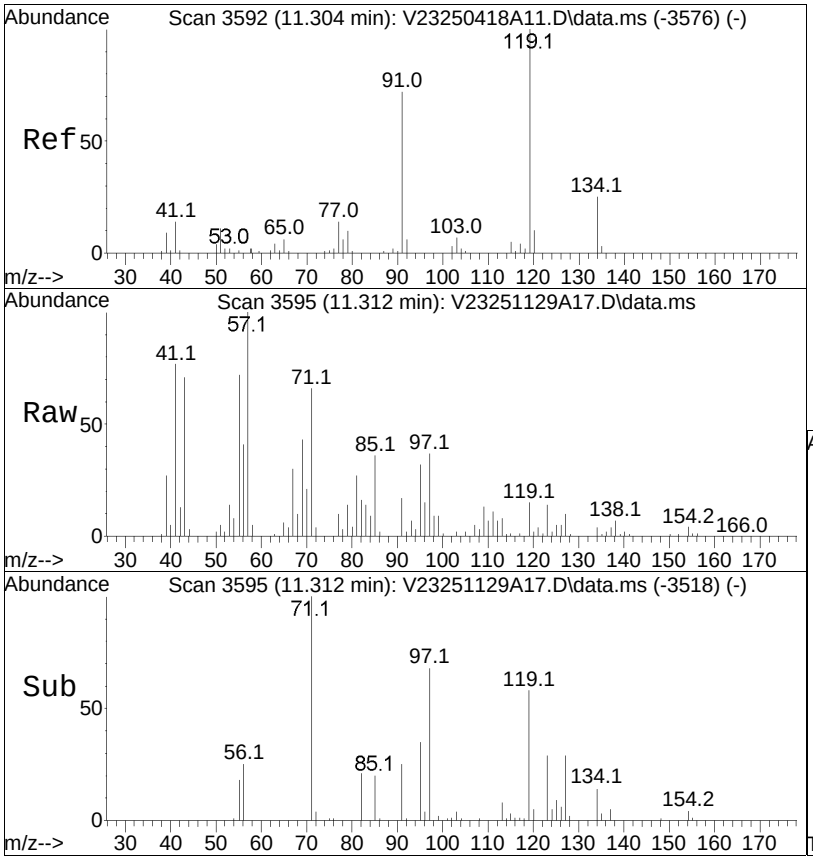


#90
1,3,5-Trimethylbenzene
Concen: 1765.71 ug/L M2
RT: 10.958 min Scan# 3468
Delta R.T. 0.011 min
Lab File: V23251129A17.D
Acq: 29 Nov 2025 04:46 pm

Tgt Ion:105 Resp:18649426

Ion	Ratio	Lower	Upper
105	100		
120	0.0	39.9	59.9#

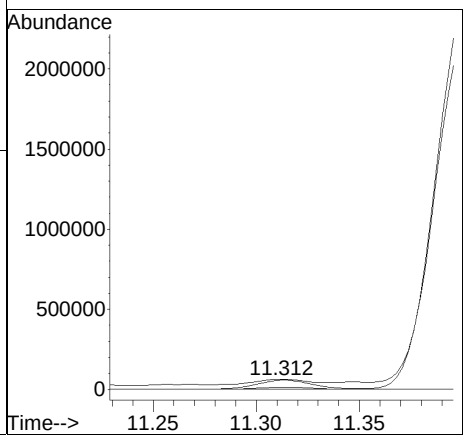


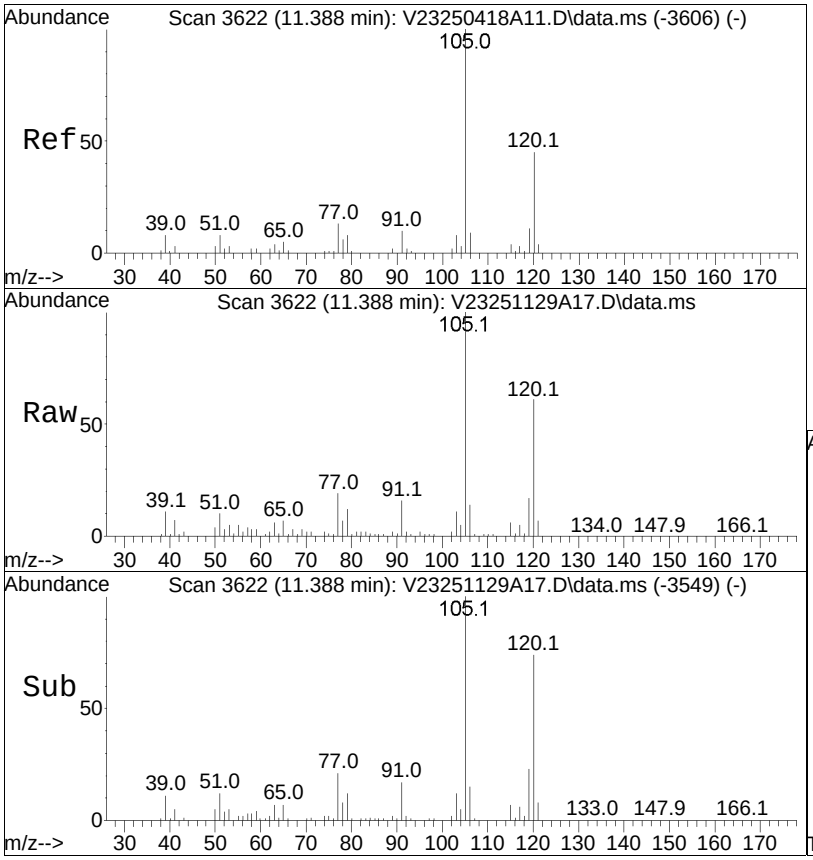


#94
tert-Butylbenzene
Concen: 12.71 ug/L M2
RT: 11.312 min Scan# 3595
Delta R.T. 0.014 min
Lab File: V23251129A17.D
Acq: 29 Nov 2025 04:46 pm

Tgt Ion:119 Resp: 112376

Ion	Ratio	Lower	Upper
119	100		
91	0.0	53.1	79.7#
134	0.0	20.4	30.6#

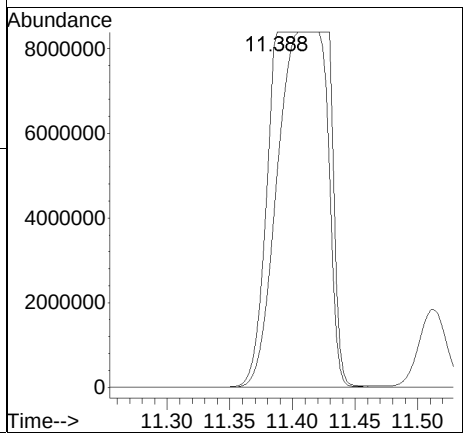


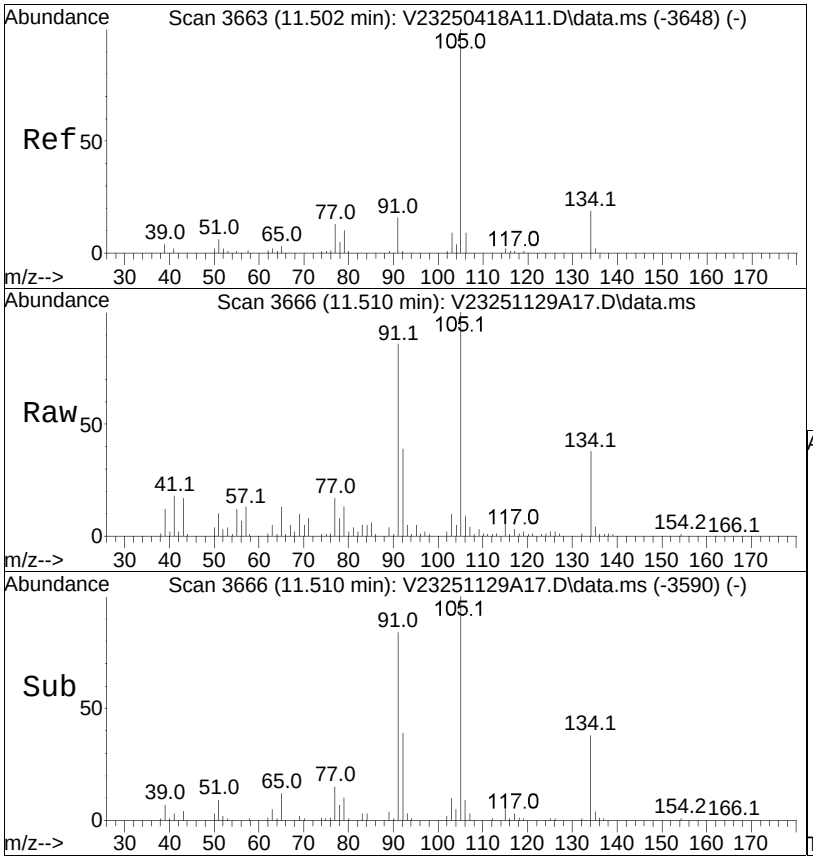


#97
1,2,4-Trimethylbenzene
Concen: 2709.22 ug/L m
RT: 11.388 min Scan# 3622
Delta R.T. 0.003 min
Lab File: V23251129A17.D
Acq: 29 Nov 2025 04:46 pm

Tgt Ion:105 Resp:28441323

Ion	Ratio	Lower	Upper
105	100		
120	0.0	36.9	55.3#

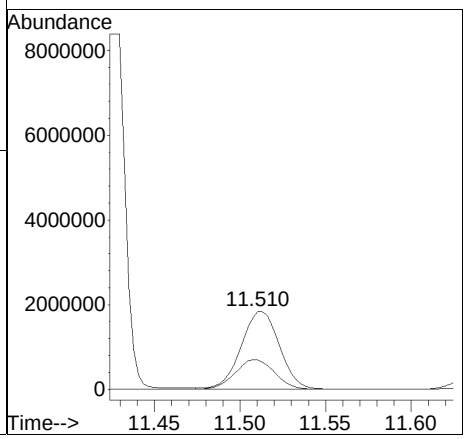


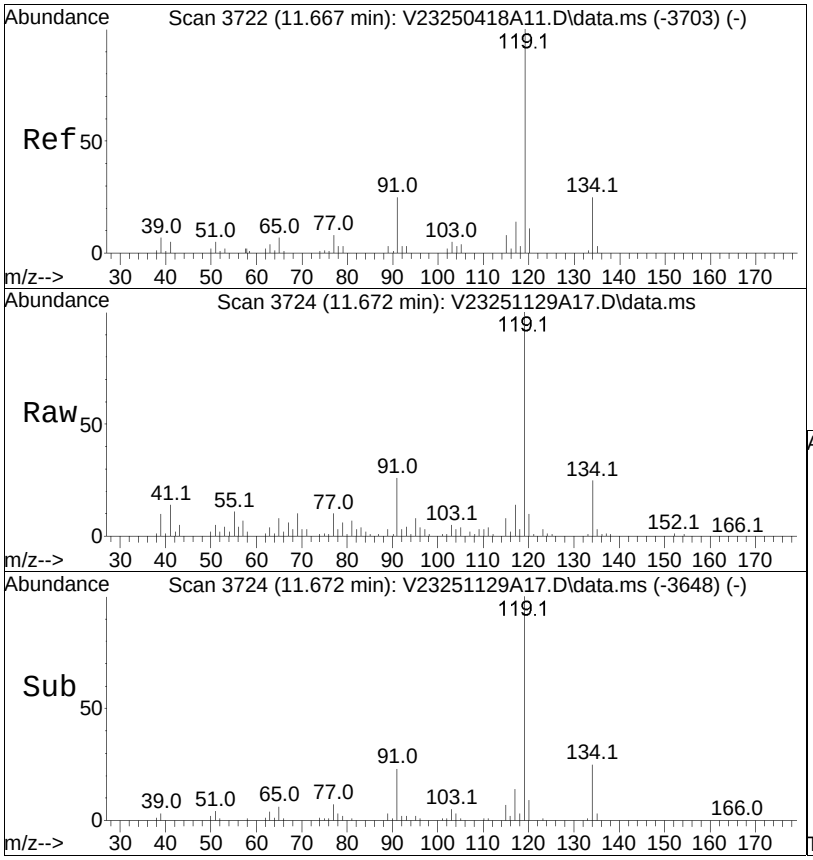


#98
sec-Butylbenzene
Concen: 215.42 ug/L
RT: 11.510 min Scan# 3666
Delta R.T. 0.011 min
Lab File: V23251129A17.D
Acq: 29 Nov 2025 04:46 pm

Tgt Ion:105 Resp: 2849872

Ion	Ratio	Lower	Upper
105	100		
134	39.8	13.1	27.1#

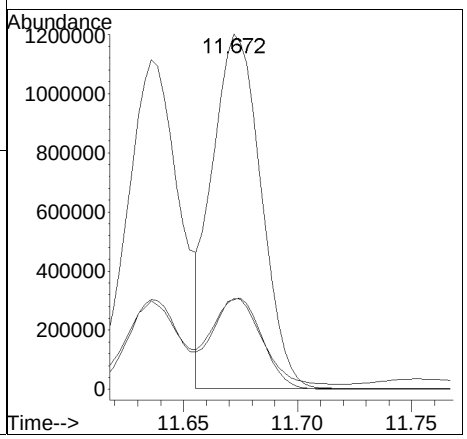


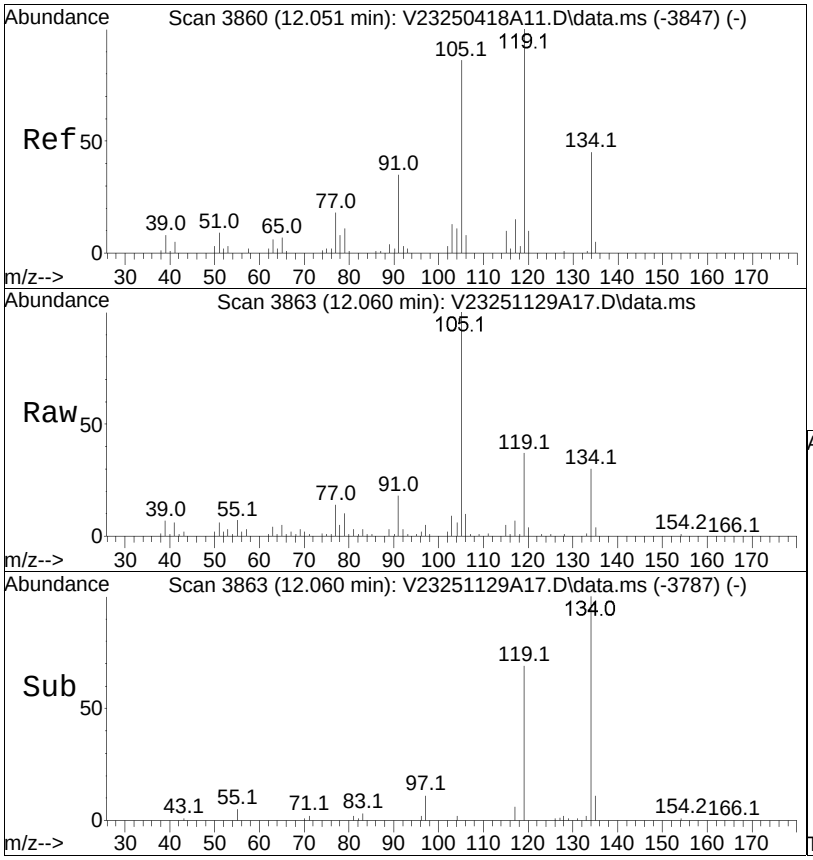


#99
p-Isopropyltoluene
Concen: 155.59 ug/L
RT: 11.672 min Scan# 3724
Delta R.T. 0.011 min
Lab File: V23251129A17.D
Acq: 29 Nov 2025 04:46 pm

Tgt Ion:119 Resp: 1782641

Ion	Ratio	Lower	Upper
119	100		
134	26.1	17.2	35.6
91	24.6	15.1	31.3

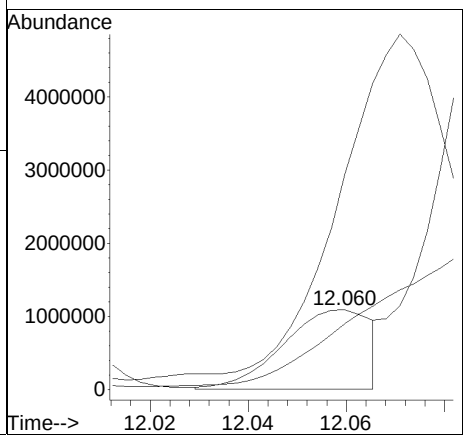


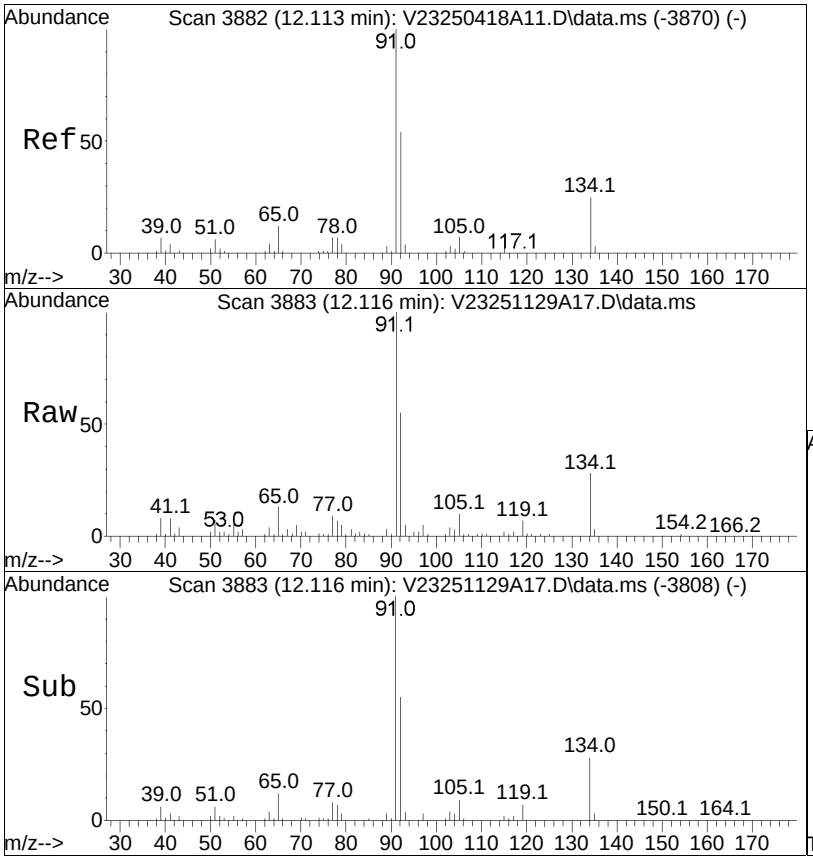


#102
p-Diethylbenzene
Concen: 200.11 ug/L m
RT: 12.060 min Scan# 3863
Delta R.T. 0.011 min
Lab File: V23251129A17.D
Acq: 29 Nov 2025 04:46 pm

Tgt Ion:119 Resp: 1357475

Ion	Ratio	Lower	Upper
119	100		
105	316.1	55.1	114.5#
134	137.8	30.0	62.2#

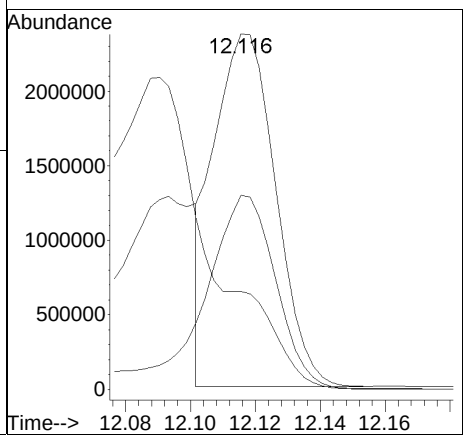


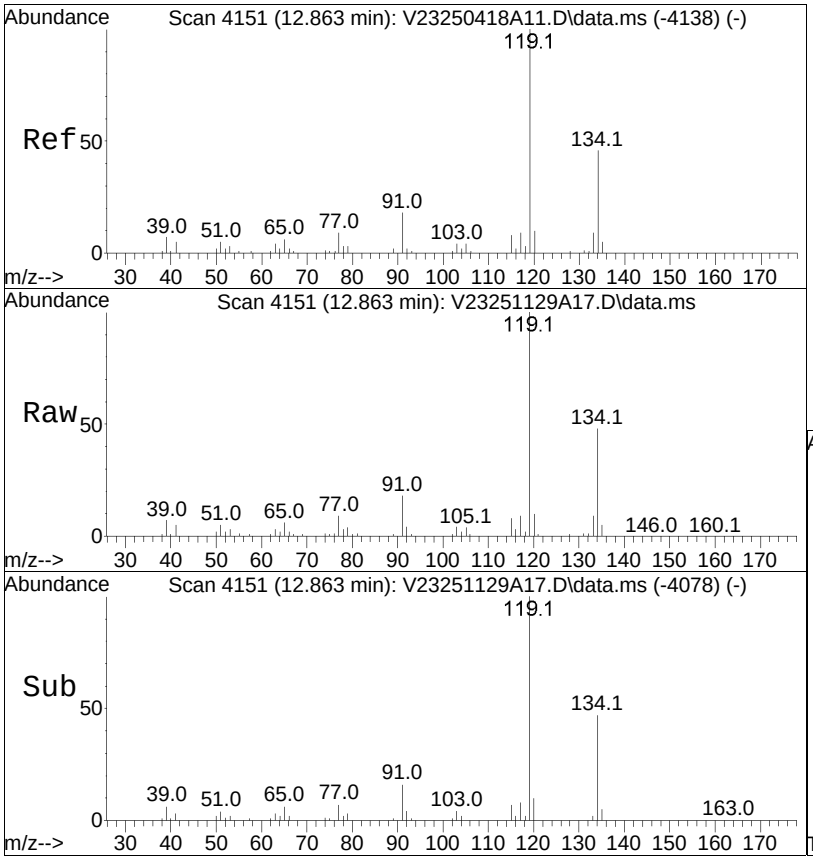


#103
n-Butylbenzene
Concen: 306.11 ug/L
RT: 12.116 min Scan# 3883
Delta R.T. 0.008 min
Lab File: V23251129A17.D
Acq: 29 Nov 2025 04:46 pm

Tgt Ion: 91 Resp: 3146163

Ion	Ratio	Lower	Upper
91	100		
92	67.7	44.2	66.4#
134	0.0	21.2	31.8#

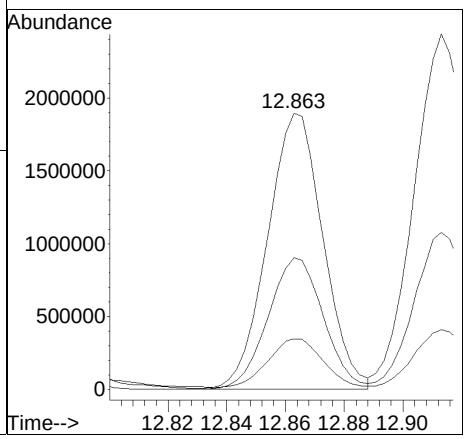


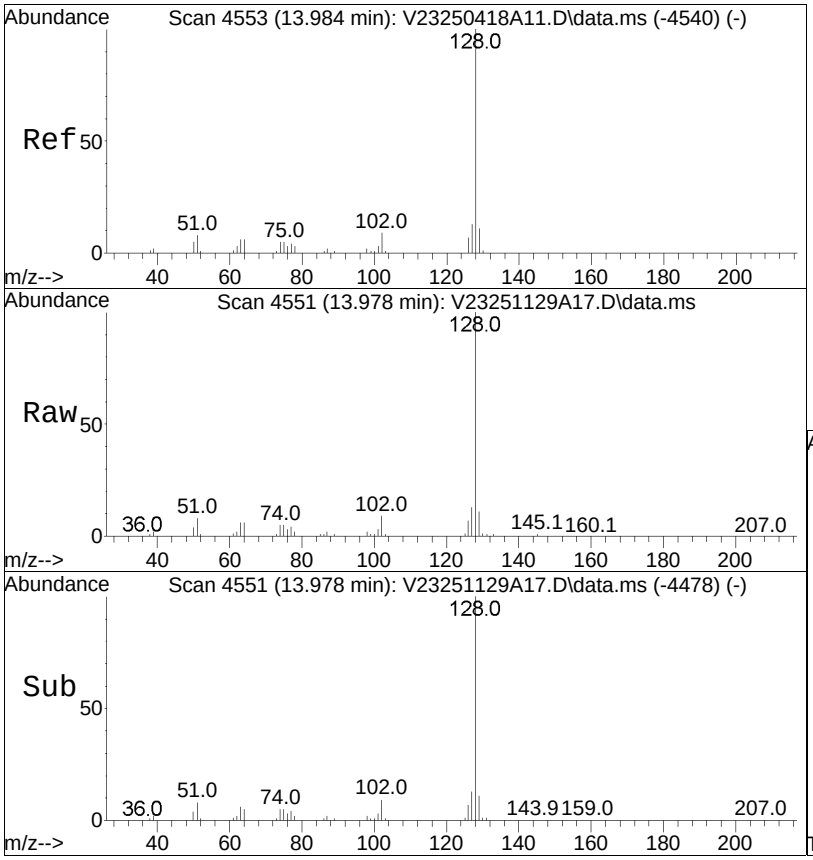


#105
1,2,4,5-Tetramethylbenzene
Concen: 225.33 ug/L
RT: 12.863 min Scan# 4151
Delta R.T. 0.003 min
Lab File: V23251129A17.D
Acq: 29 Nov 2025 04:46 pm

Tgt Ion:119 Resp: 2488917

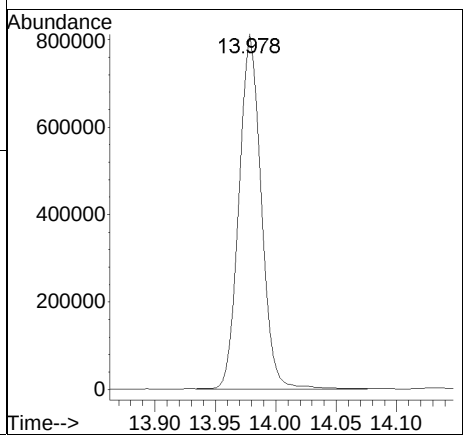
Ion	Ratio	Lower	Upper
119	100		
134	47.6	31.3	64.9
91	17.8	10.3	21.3





#110
Naphthalene
Concen: 130.93 ug/L
RT: 13.978 min Scan# 4551
Delta R.T. 0.003 min
Lab File: V23251129A17.D
Acq: 29 Nov 2025 04:46 pm

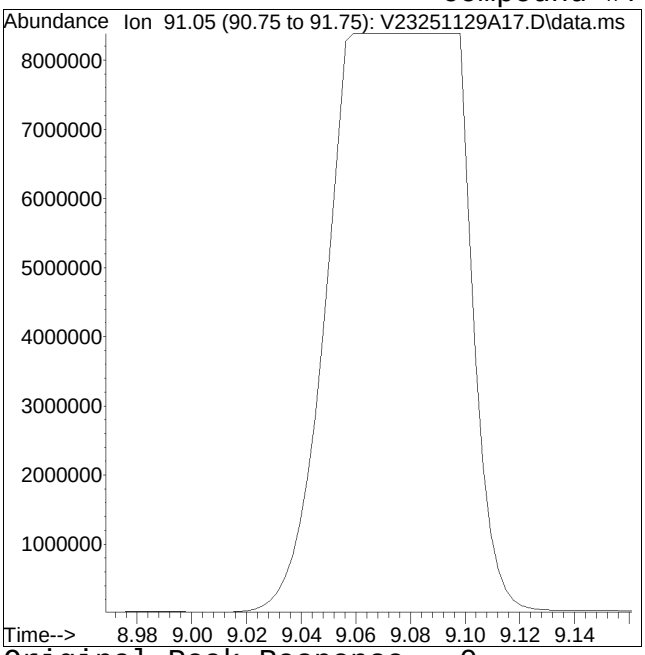
Tgt Ion:128 Resp: 1038301



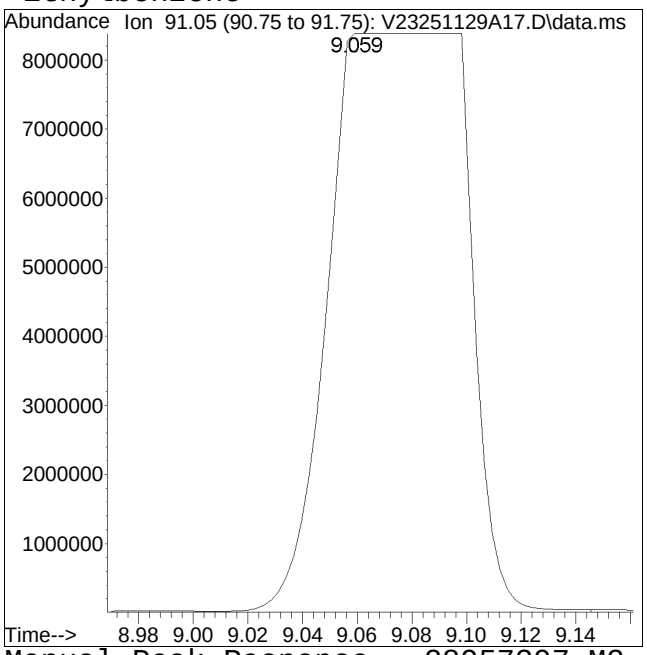
Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A17.D Operator : VOA123:JIC
Date Inj'd : 11/29/2025 4:46 pm Instrument : VOA123
Sample : L2574764-07,31,5.36,5,,B,3 Quant Date : 11/30/2025 11:22 am

Compound #74: Ethylbenzene



Original Peak Response = 0



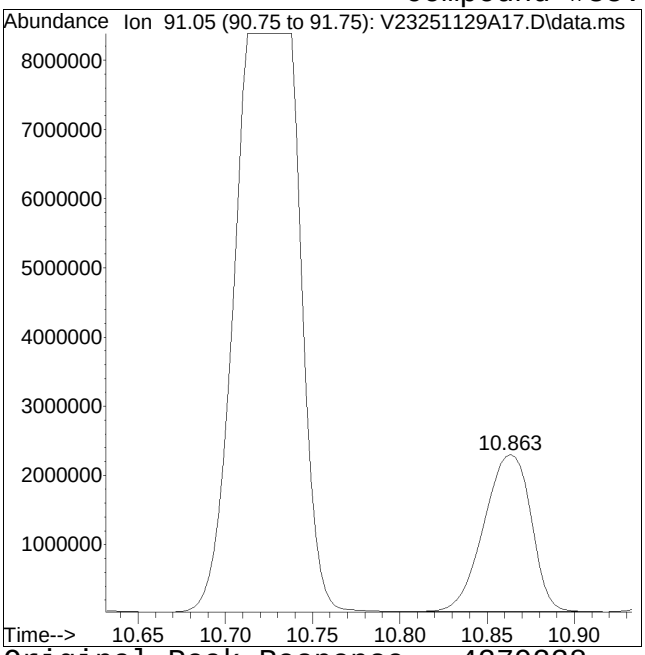
Manual Peak Response = 28957397 M2

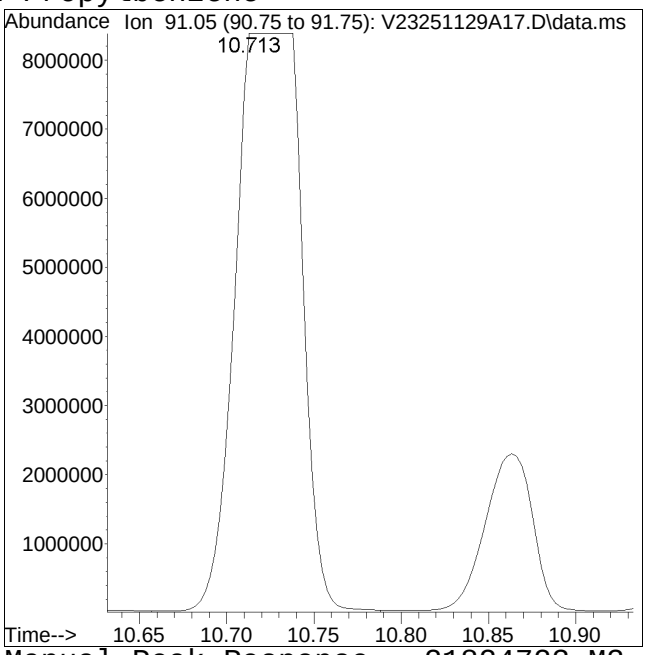
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A17.D Operator : VOA123:JIC
Date Inj'd : 11/29/2025 4:46 pm Instrument : VOA123
Sample : L2574764-07,31,5.36,5,,B,3Quant Date : 11/30/2025 11:22 am

Compound #85: n-Propylbenzene





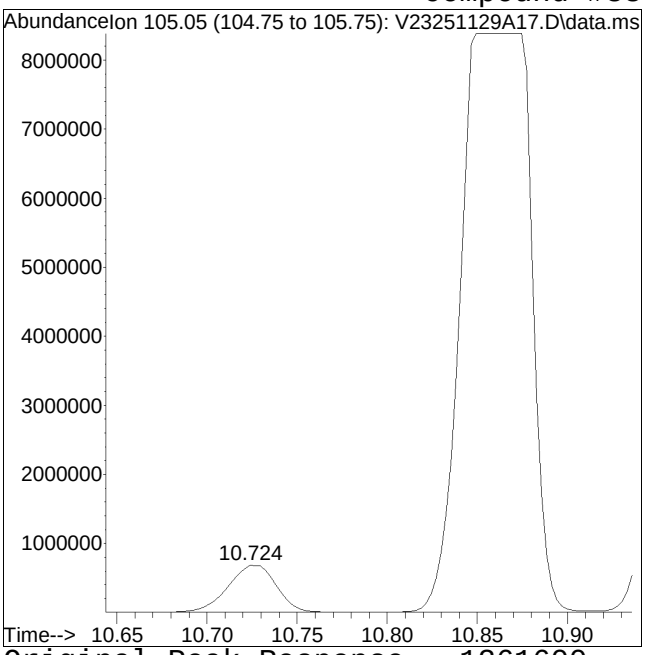
Original Peak Response = 4279238 Manual Peak Response = 21824723 M3

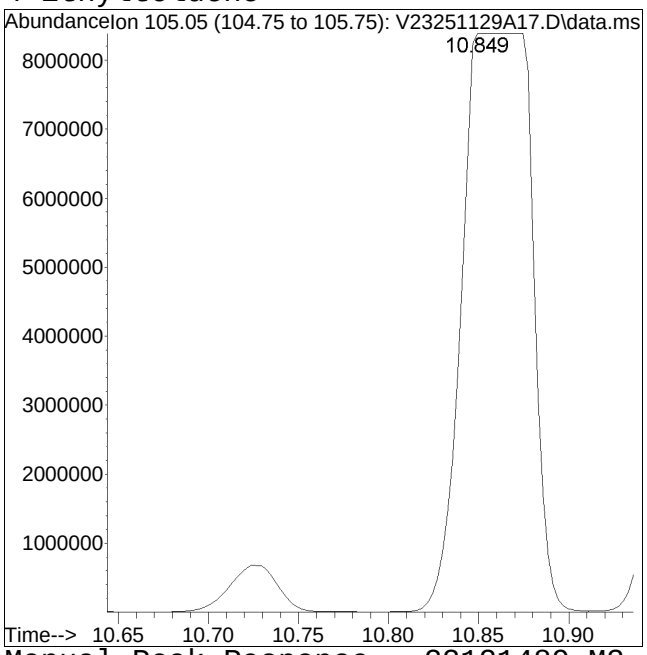
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A17.D Operator : VOA123:JIC
Date Inj'd : 11/29/2025 4:46 pm Instrument : VOA123
Sample : L2574764-07,31,5.36,5,,B,3Quant Date : 11/30/2025 11:22 am

Compound #88: 4-Ethyltoluene



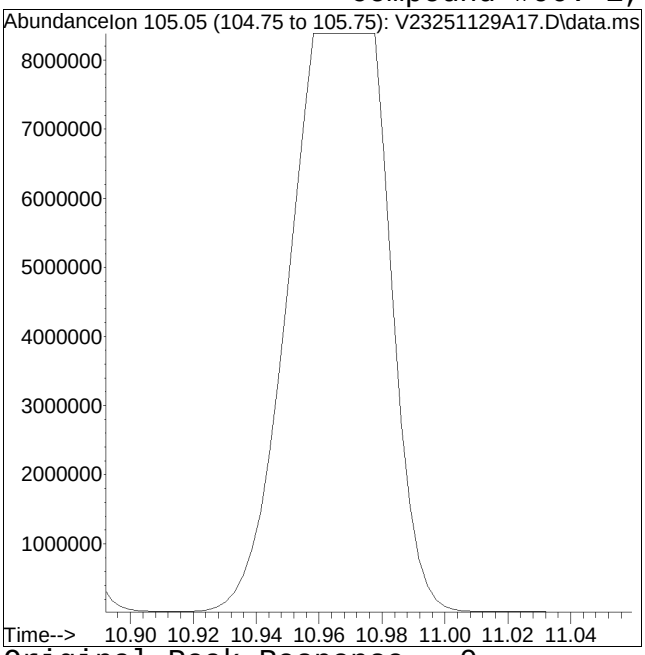


Original Peak Response = 1261600 Manual Peak Response = 22121489 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

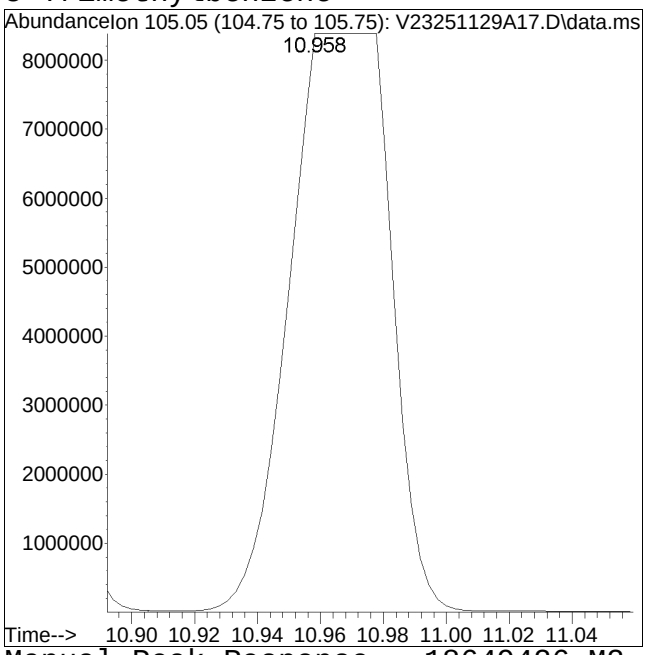
Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A17.D Operator : VOA123:JIC
Date Inj'd : 11/29/2025 4:46 pm Instrument : VOA123
Sample : L2574764-07,31,5.36,5,,B,3 Quant Date : 11/30/2025 11:22 am

Compound #90: 1,3,5-Trimethylbenzene



Original Peak Response = 0



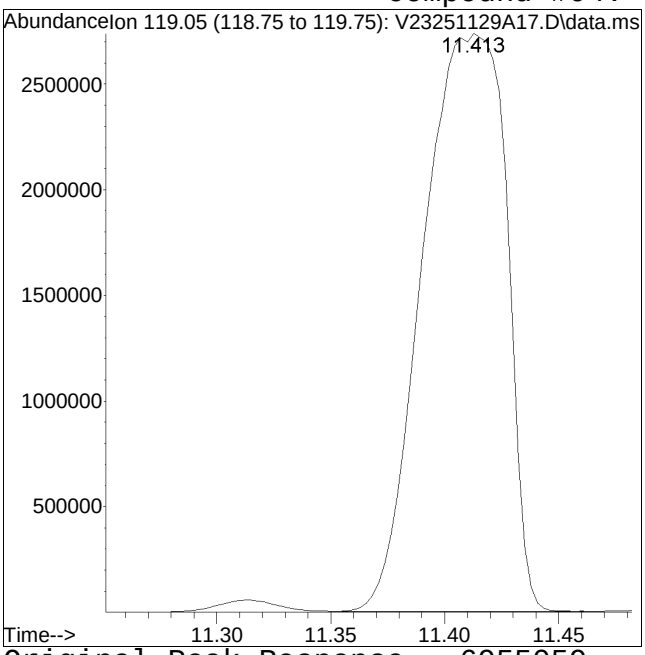
Manual Peak Response = 18649426 M2

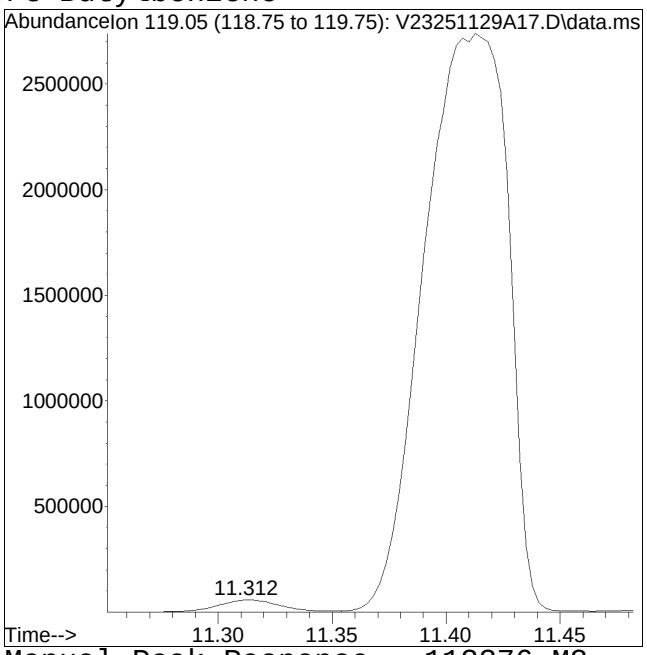
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A17.D Operator : VOA123:JIC
Date Inj'd : 11/29/2025 4:46 pm Instrument : VOA123
Sample : L2574764-07,31,5.36,5,,B,3 Quant Date : 11/30/2025 11:22 am

Compound #94: tert-Butylbenzene



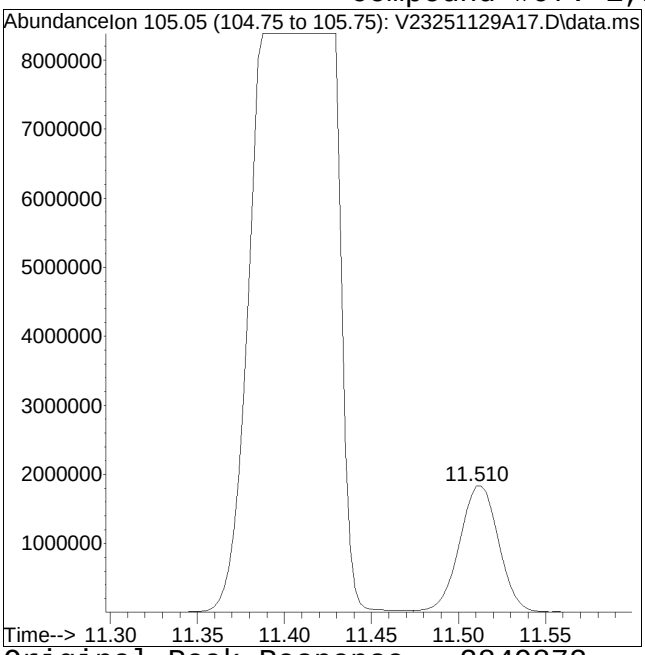


Original Peak Response = 6955059 Manual Peak Response = 112376 M2
M2 = Peak not found by automatic integration algorithm.

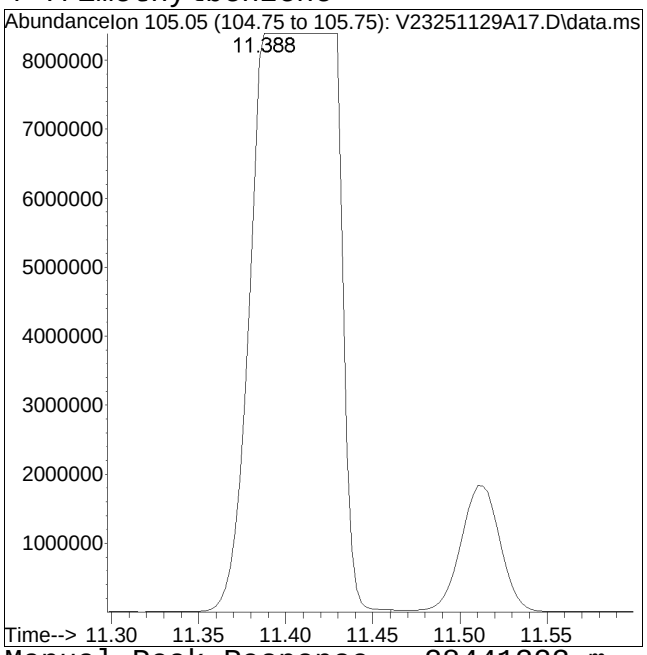
Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A17.D Operator : VOA123:JIC
Date Inj'd : 11/29/2025 4:46 pm Instrument : VOA123
Sample : L2574764-07,31,5.36,5,,B,3Quant Date : 11/30/2025 11:22 am

Compound #97: 1,2,4-Trimethylbenzene



Original Peak Response = 2849872

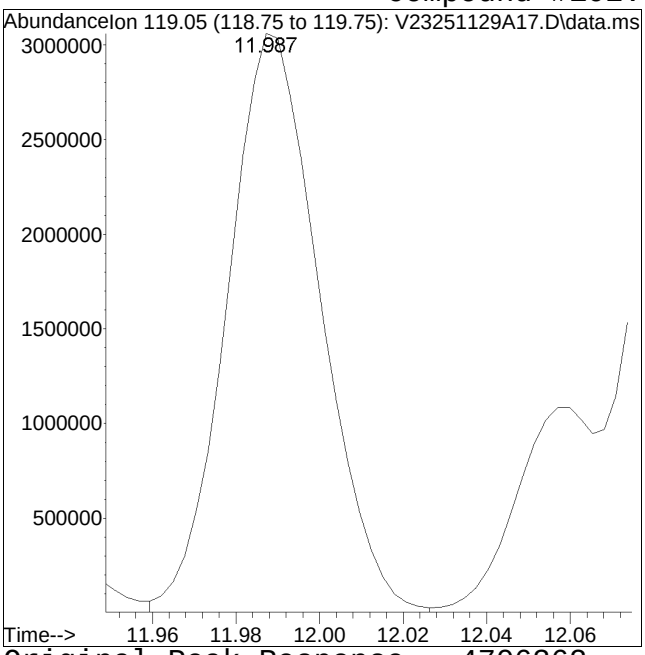


Manual Peak Response = 28441323 m

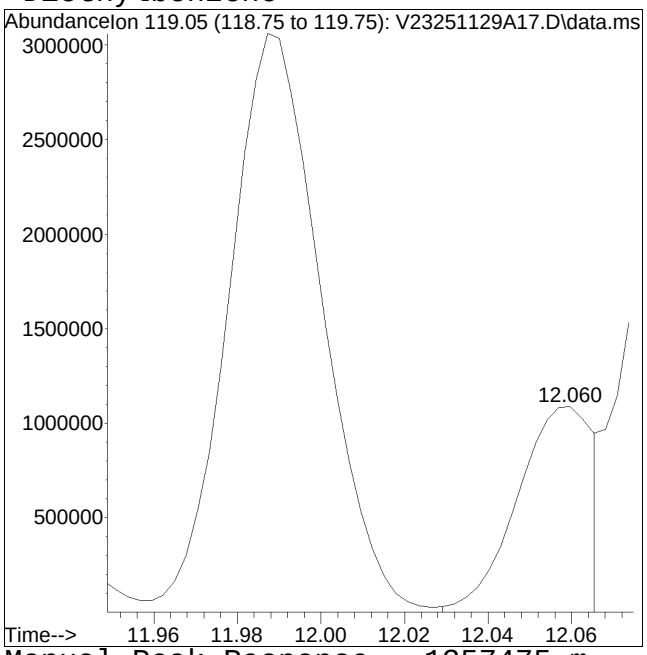
Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A17.D Operator : VOA123:JIC
Date Inj'd : 11/29/2025 4:46 pm Instrument : VOA123
Sample : L2574764-07,31,5.36,5,,B,3 Quant Date : 11/30/2025 11:22 am

Compound #102: p-Diethylbenzene



Original Peak Response = 4706362



Manual Peak Response = 1357475 m

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A19.D
Acq On : 29 Nov 2025 05:38 pm
Operator : VOA123:JIC
Sample : L2574764-09,31,6.13,5,,B,31.96,38.34,0.25
Misc : WG2148015,ICAL22792
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 30 13:38:17 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.520	96	208490	20.000 ug/L	0.00
Standard Area 1 = 206936			Recovery = 100.75%		
59) Chlorobenzene-d5	8.995	117	147643	20.000 ug/L	0.00
Standard Area 1 = 154785			Recovery = 95.39%		
79) 1,4-Dichlorobenzene-d4	11.806	152	81320	20.000 ug/L	0.00
Standard Area 1 = 86212			Recovery = 94.33%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.734	113	50006	19.041 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.21%		
43) 1,2-Dichloroethane-d4	5.239	65	51619	19.203 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.02%		
60) Toluene-d8	7.174	98	192880	19.318 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.59%		
83) 4-Bromofluorobenzene	10.543	95	69084	19.002 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.01%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.307	85	91	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	2.068	64	727	0.387 ug/L	83
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.654	76	1033	0.129 ug/L #	72
15) Methylene chloride	3.128	84	1393	0.495 ug/L	84
17) Acetone	3.186	43	754	Below Cal #	52
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	3.895	43	26	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	4.564	83	185	N.D.	

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A19.D
Acq On : 29 Nov 2025 05:38 pm
Operator : VOA123:JIC
Sample : L2574764-09,31,6.13,5,,B,31.96,38.34,0.25
Misc : WG2148015,ICAL22792
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 30 13:38:17 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	4.882	43	30	N.D.		
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	5.116	78	188	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.241	92	78	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	7.684	166	883M1	0.327	ug/L	
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D. d		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D. d		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.068	91	5834	0.470	ug/L #	56
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	9.280	106	1797M1	0.387	ug/L	
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.208	105	729	N.D.		
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	10.727	91	4106	0.283	ug/L #	80
87) 1,1,2,2-Tetrachloroethane	10.738	83	39	N.D.		
88) 4-Ethyltoluene	10.858	105	5285M1	0.438	ug/L	
89) 2-Chlorotoluene	10.847	91	154	N.D.		
90) 1,3,5-Trimethylbenzene	10.961	105	4216	0.394	ug/L #	81
91) 1,2,3-Trichloropropane	10.769	75	28	N.D.		
92) trans-1,4-Dichloro-2-b...	10.861	53	31	N.D.		
93) 4-Chlorotoluene	11.159	91	31	N.D.		
94) tert-Butylbenzene	0.000		0	N.D. d		

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A19.D
Acq On : 29 Nov 2025 05:38 pm
Operator : VOA123:JIC
Sample : L2574764-09,31,6.13,5,,B,31.96,38.34,0.25
Misc : WG2148015,ICAL22792
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 30 13:38:17 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
97)	1,2,4-Trimethylbenzene	11.391	105	17167	1.612	ug/L		98
98)	sec-Butylbenzene	11.497	105	1376	0.103	ug/L	#	66
99)	p-Isopropyltoluene	11.661	119	466	N.D.			
100)	1,3-Dichlorobenzene	0.000		0	N.D.			
101)	1,4-Dichlorobenzene	0.000		0	N.D.			
102)	p-Diethylbenzene	0.000		0	N.D.	d		
103)	n-Butylbenzene	12.118	91	673	N.D.			
104)	1,2-Dichlorobenzene	0.000		0	N.D.			
105)	1,2,4,5-Tetramethylben...	12.866	119	10904	0.973	ug/L		95
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.			
108)	Hexachlorobutadiene	0.000		0	N.D.			
109)	1,2,4-Trichlorobenzene	0.000		0	N.D.			
110)	Naphthalene	13.981	128	42771	5.318	ug/L		100
111)	1,2,3-Trichlorobenzene	0.000		0	N.D.			

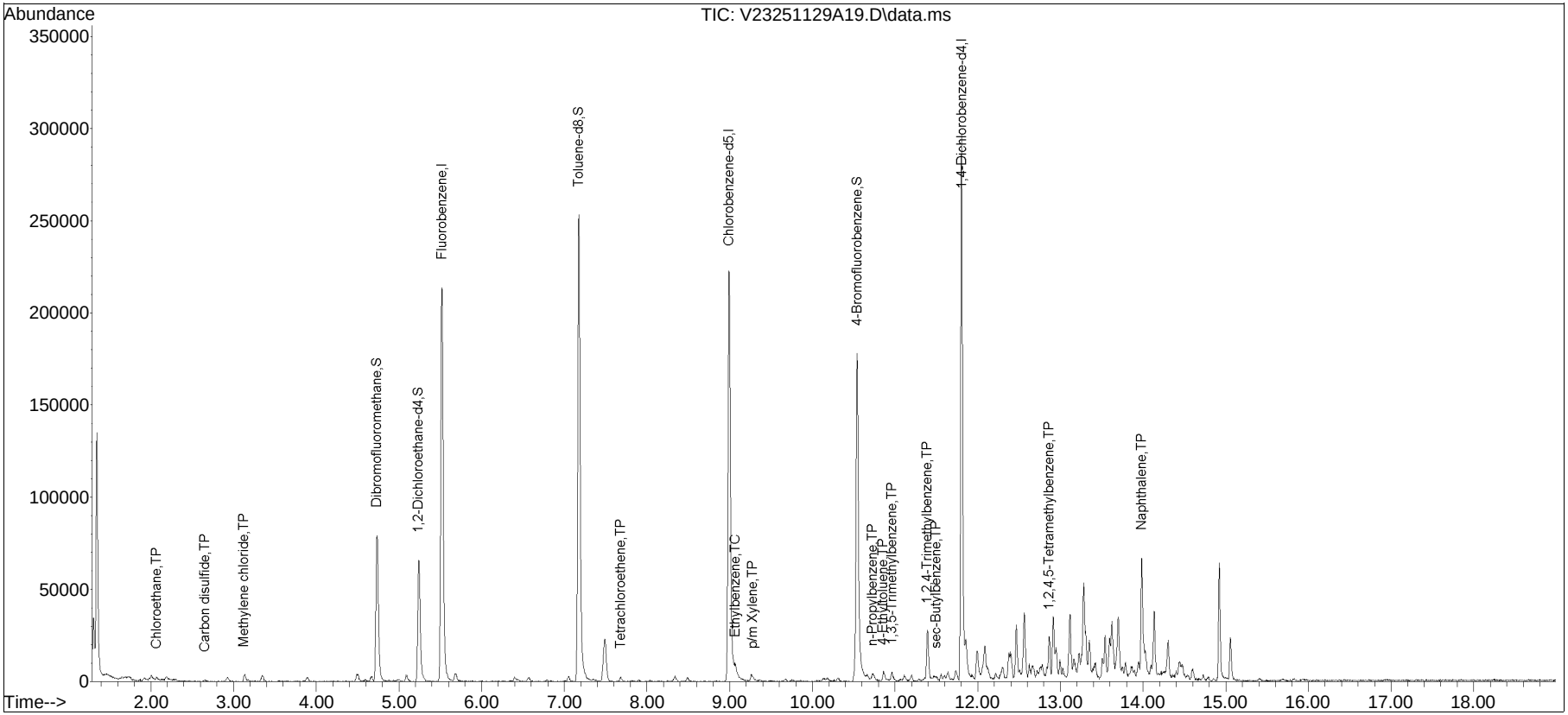
(#) = qualifier out of range (m) = manual integration (+) = signals summed

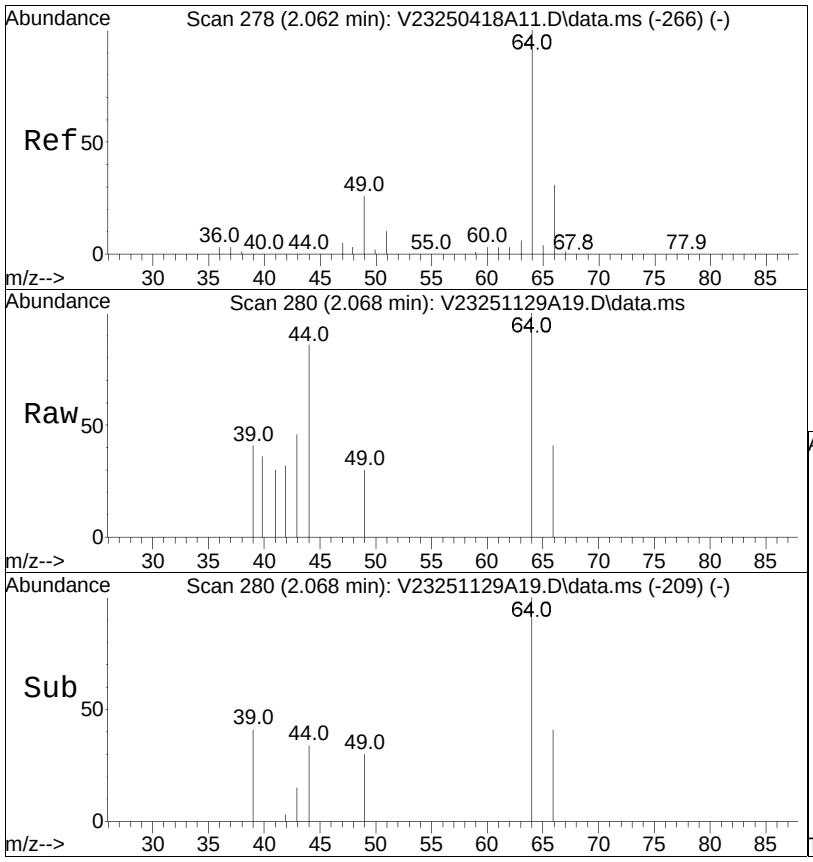
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A19.D
Acq On : 29 Nov 2025 05:38 pm
Operator : VOA123:JIC
Sample : L2574764-09,31,6.13,5,,B,31.96,38.34,0.25
Misc : WG2148015,ICAL22792
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 30 13:38:17 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251129A02.D•

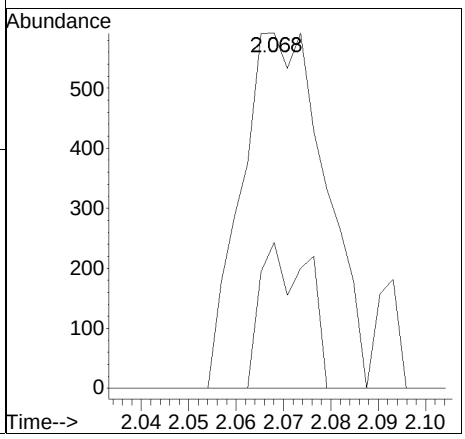


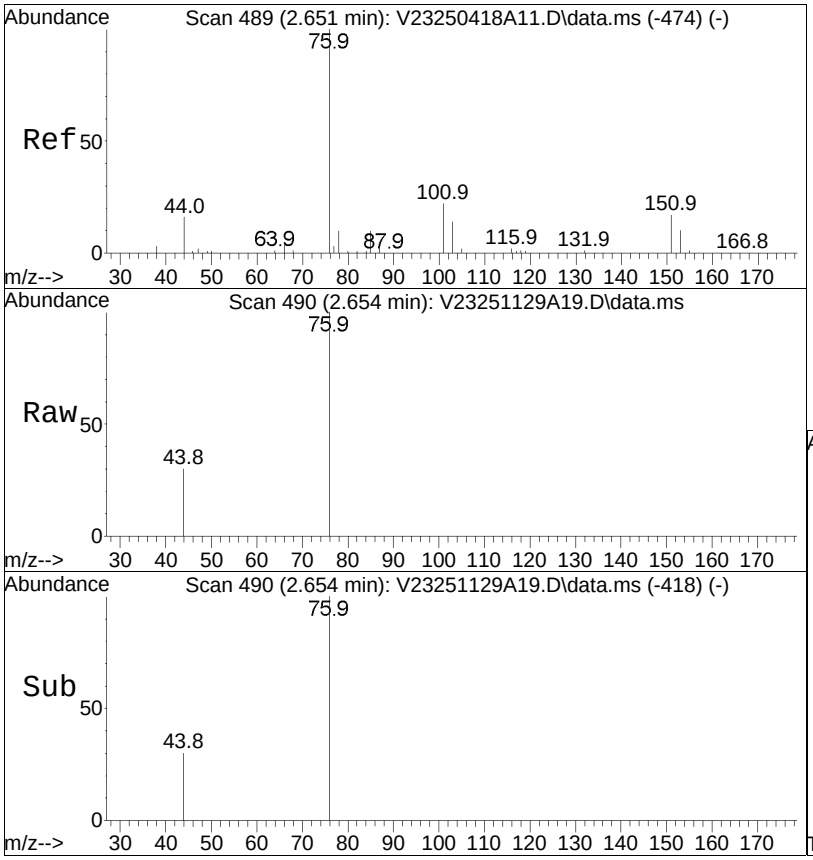


#6
Chloroethane
Concen: 0.39 ug/L
RT: 2.068 min Scan# 280
Delta R.T. -0.003 min
Lab File: V23251129A19.D
Acq: 29 Nov 2025 05:38 pm

Tgt Ion: 64 Resp: 727

Ion	Ratio	Lower	Upper
64	100		
66	23.2	12.6	52.6

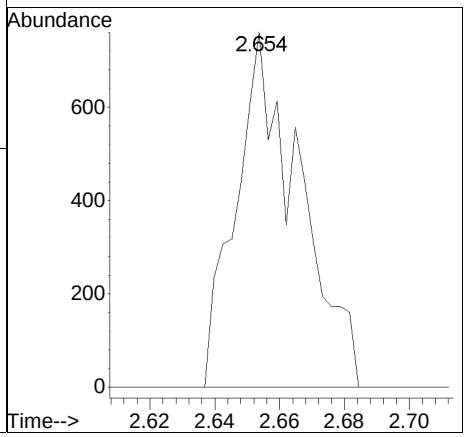


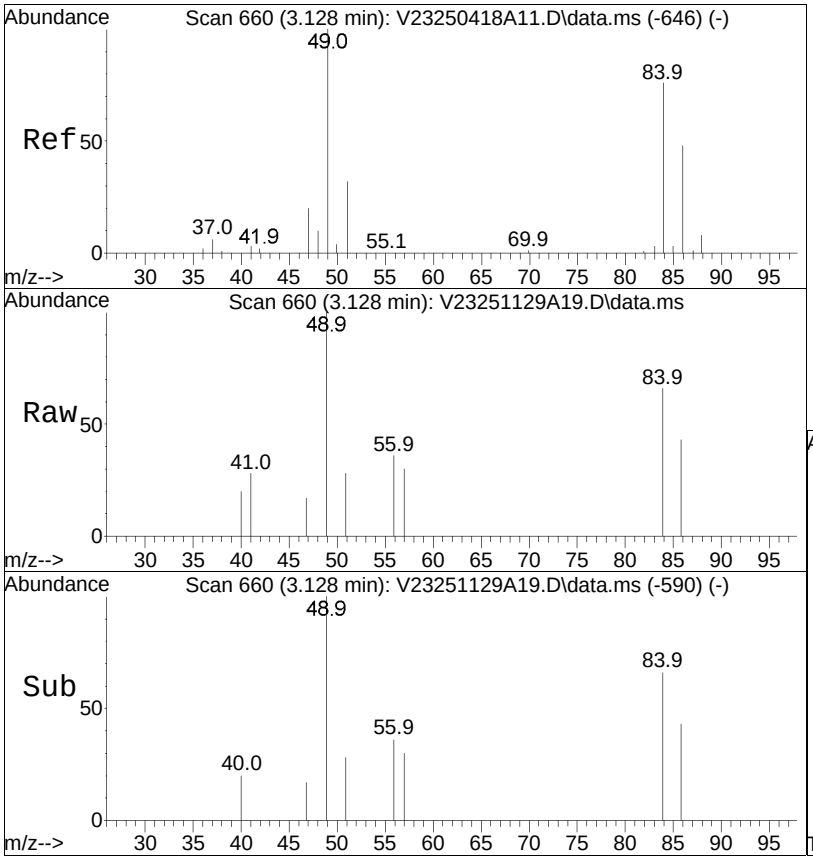


#11
Carbon disulfide
Concen: 0.13 ug/L
RT: 2.654 min Scan# 490
Delta R.T. 0.000 min
Lab File: V23251129A19.D
Acq: 29 Nov 2025 05:38 pm

Tgt Ion: 76 Resp: 1033

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.7	13.9#

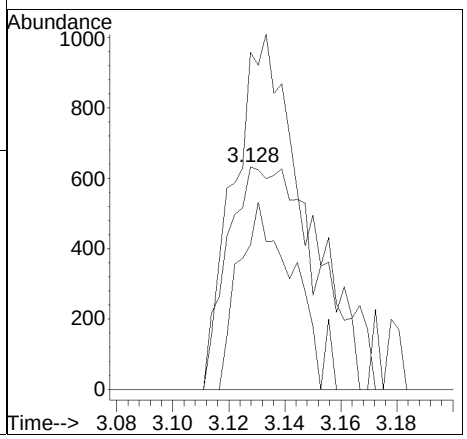


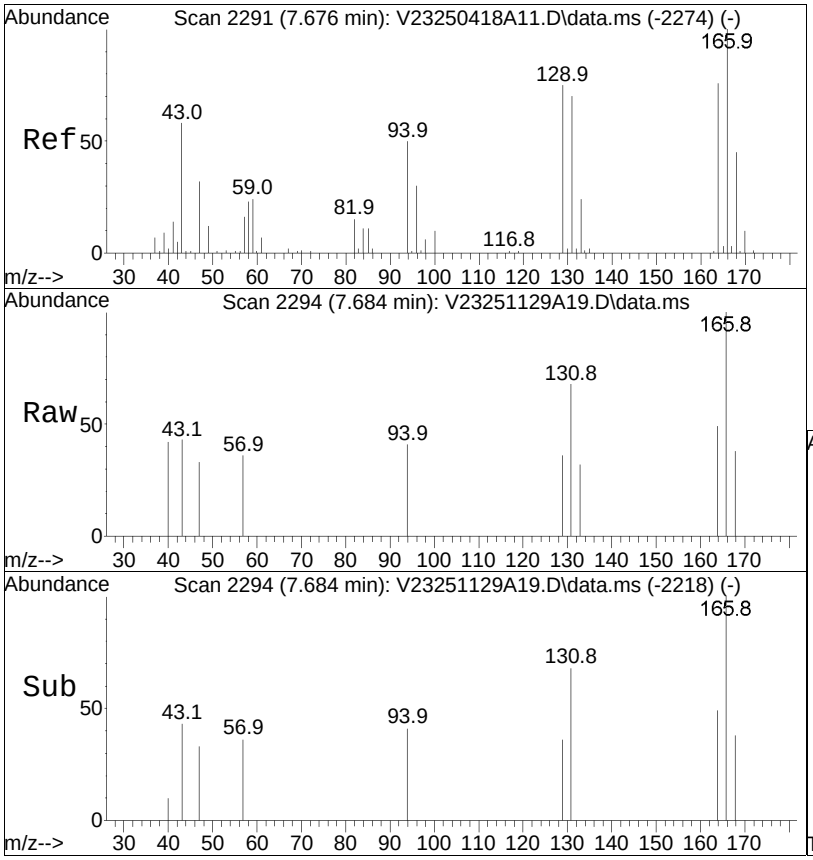


#15
Methylene chloride
Concen: 0.49 ug/L
RT: 3.128 min Scan# 660
Delta R.T. -0.006 min
Lab File: V23251129A19.D
Acq: 29 Nov 2025 05:38 pm

Tgt Ion: 84 Resp: 1393

Ion	Ratio	Lower	Upper
84	100		
86	52.5	42.0	87.2
49	131.3	74.0	153.6

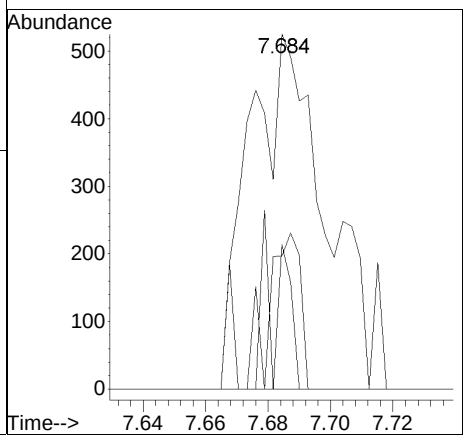


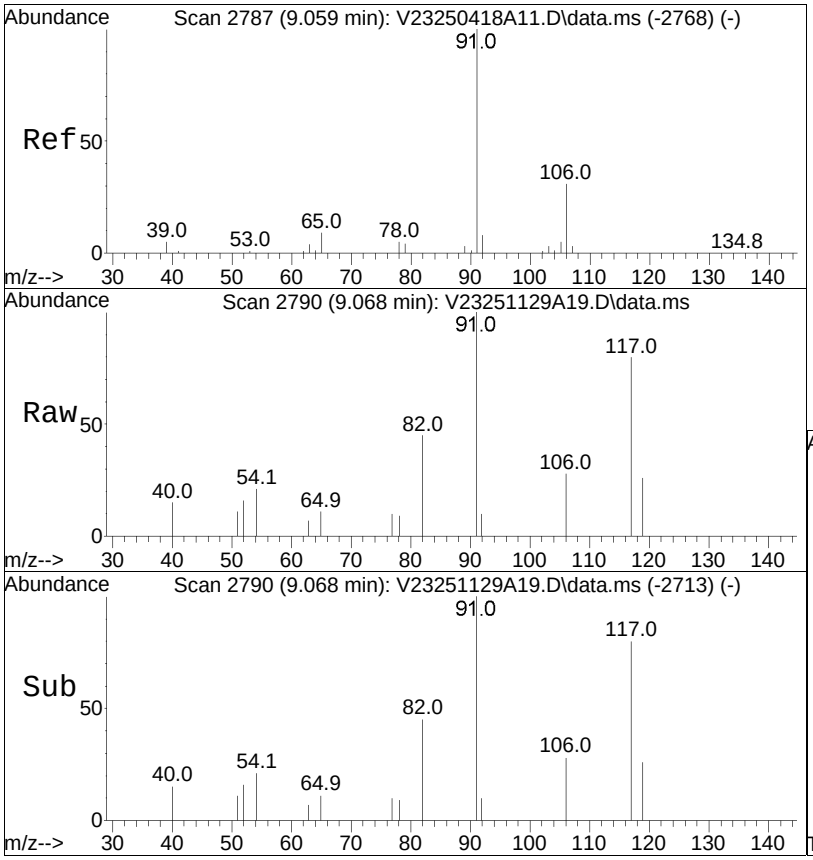


#63
Tetrachloroethene
Concen: 0.33 ug/L M1
RT: 7.684 min Scan# 2294
Delta R.T. 0.011 min
Lab File: V23251129A19.D
Acq: 29 Nov 2025 05:38 pm

Tgt Ion:166 Resp: 883

Ion	Ratio	Lower	Upper
166	100		
168	0.0	28.0	68.0#
94	5.0	23.3	63.3#

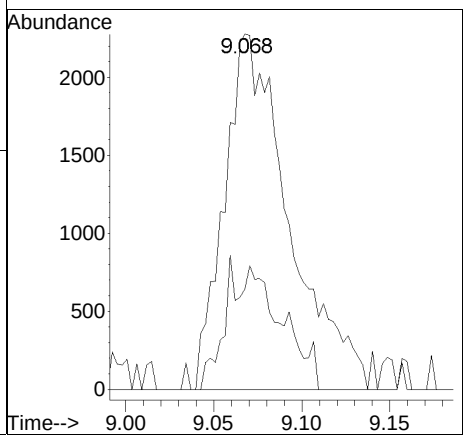


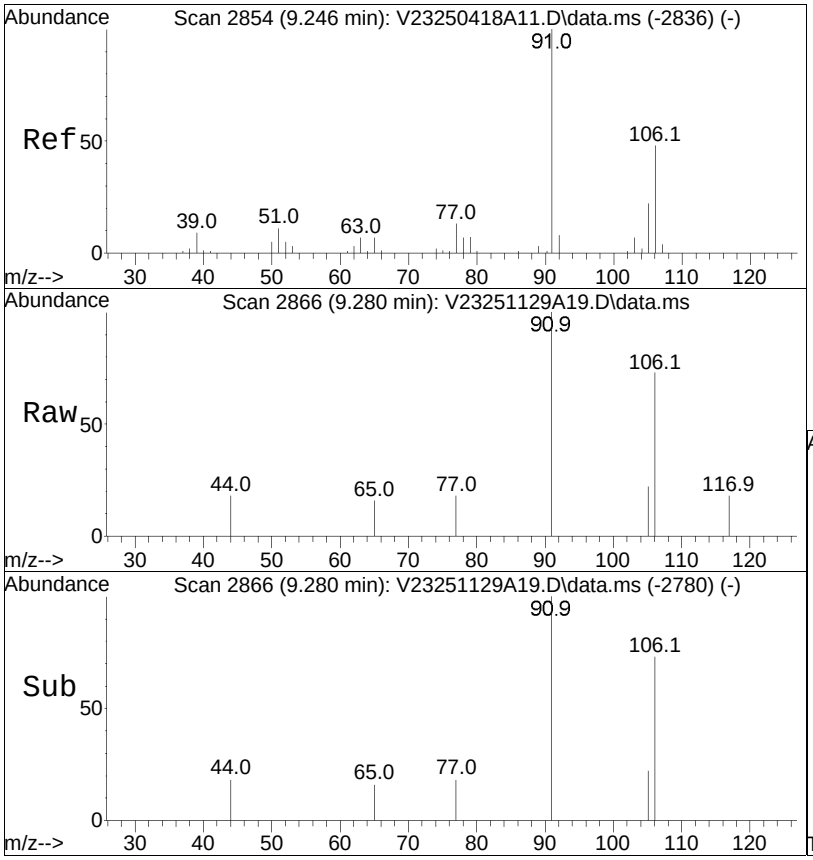


#74
Ethylbenzene
Concen: 0.47 ug/L
RT: 9.068 min Scan# 2790
Delta R.T. 0.014 min
Lab File: V23251129A19.D
Acq: 29 Nov 2025 05:38 pm

Tgt Ion: 91 Resp: 5834

Ion	Ratio	Lower	Upper
91	100		
106	7.3	25.2	37.8#

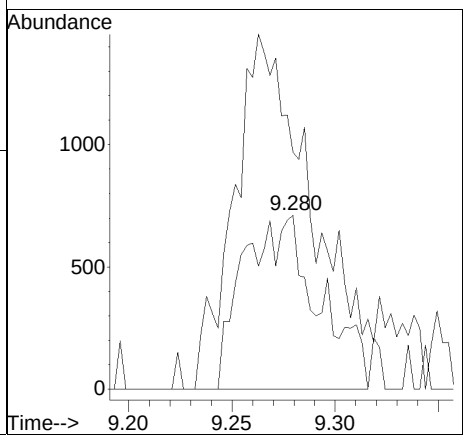


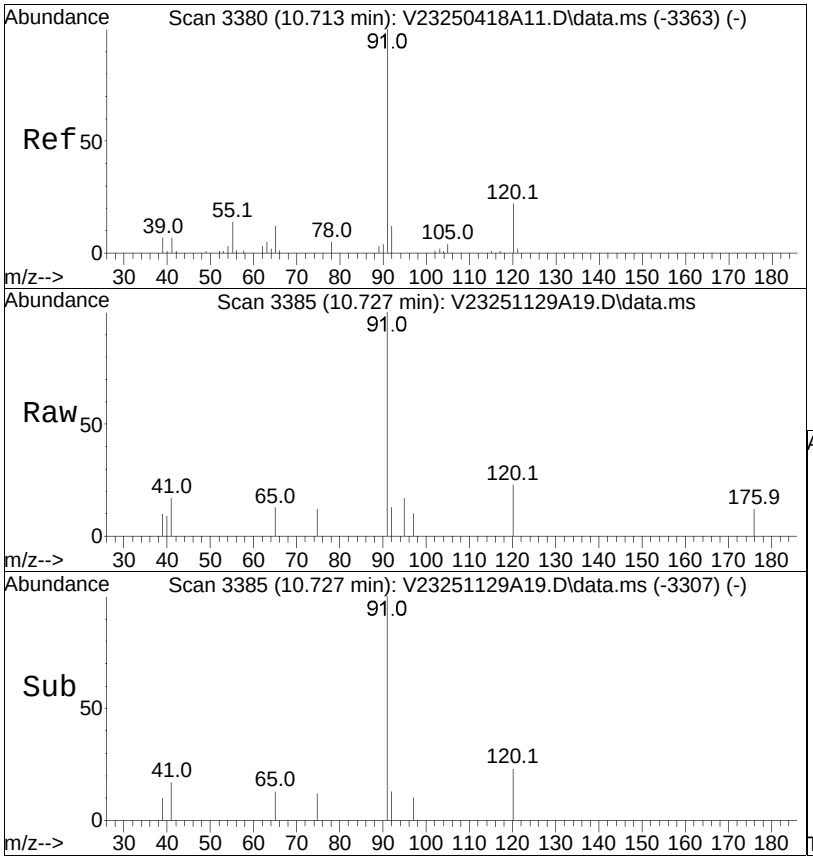


#76
p/m Xylene
Concen: 0.39 ug/L M1
RT: 9.280 min Scan# 2866
Delta R.T. 0.039 min
Lab File: V23251129A19.D
Acq: 29 Nov 2025 05:38 pm

Tgt Ion:106 Resp: 1797

Ion	Ratio	Lower	Upper
106	100		
91	211.6	160.4	240.6

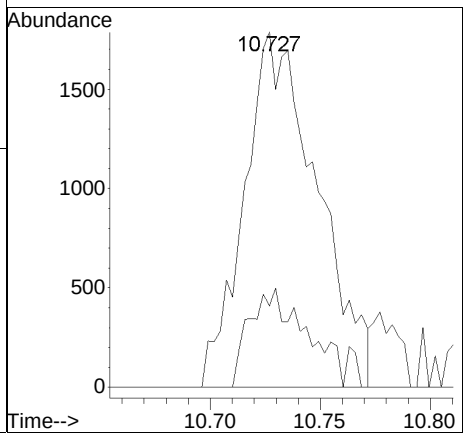


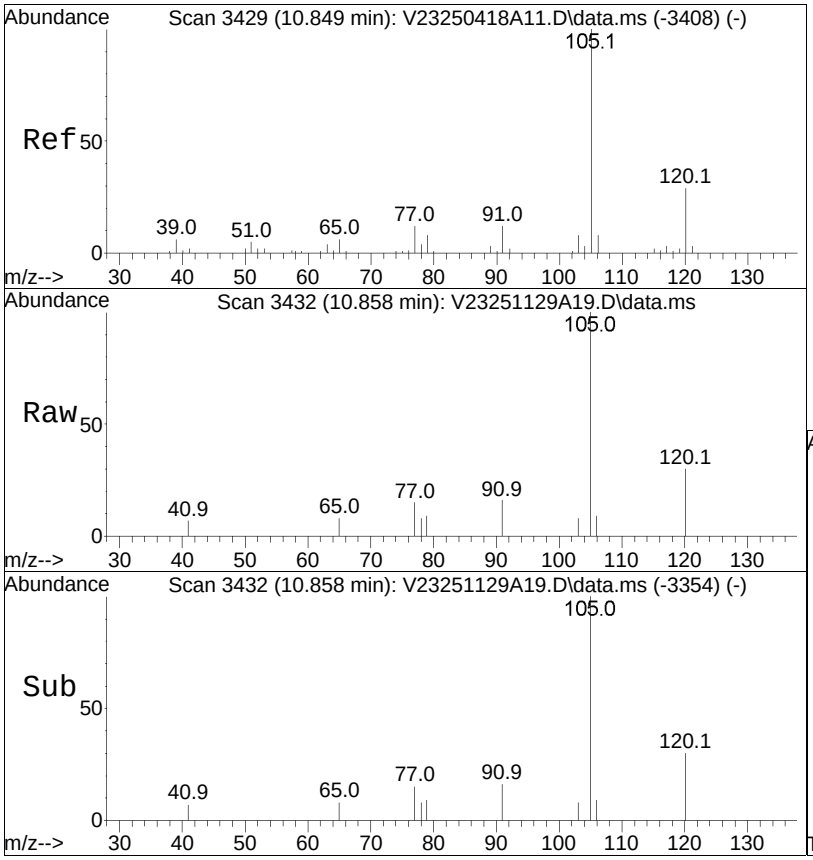


#85
n-Propylbenzene
Concen: 0.28 ug/L
RT: 10.727 min Scan# 3385
Delta R.T. 0.017 min
Lab File: V23251129A19.D
Acq: 29 Nov 2025 05:38 pm

Tgt Ion: 91 Resp: 4106

Ion	Ratio	Lower	Upper
91	100		
120	13.2	18.2	27.2#

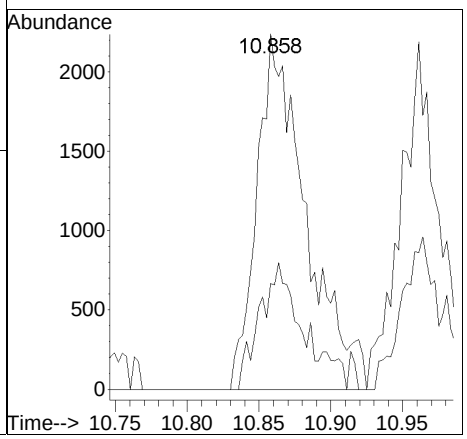


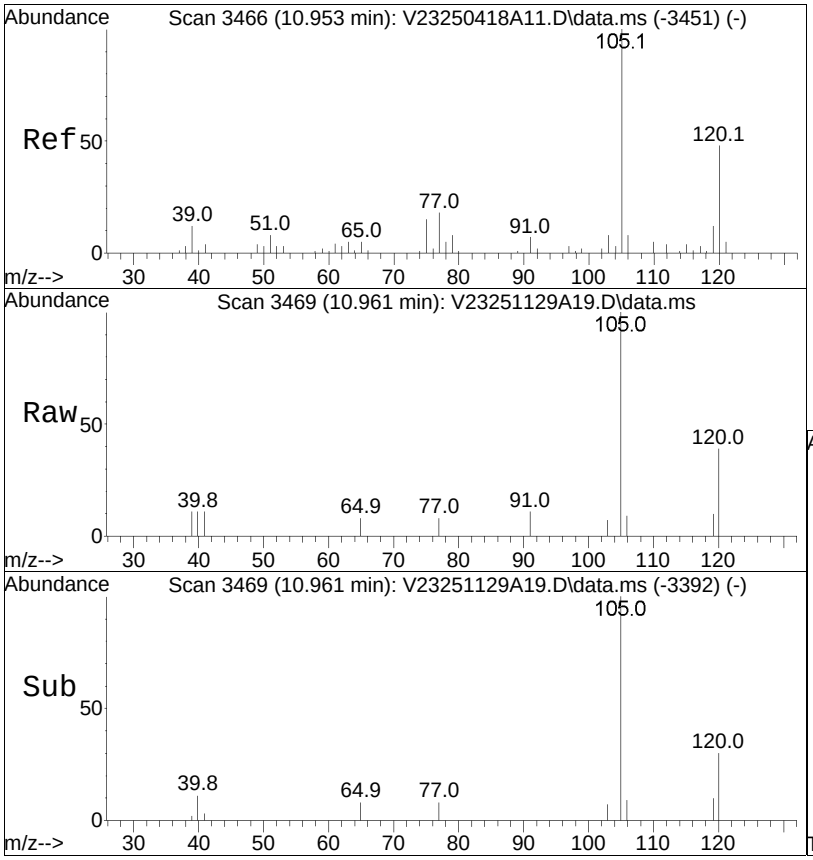


#88
4-Ethyltoluene
Concen: 0.44 ug/L M1
RT: 10.858 min Scan# 3432
Delta R.T. 0.017 min
Lab File: V23251129A19.D
Acq: 29 Nov 2025 05:38 pm

Tgt Ion:105 Resp: 5285

Ion	Ratio	Lower	Upper
105	100		
120	27.9	19.4	40.4

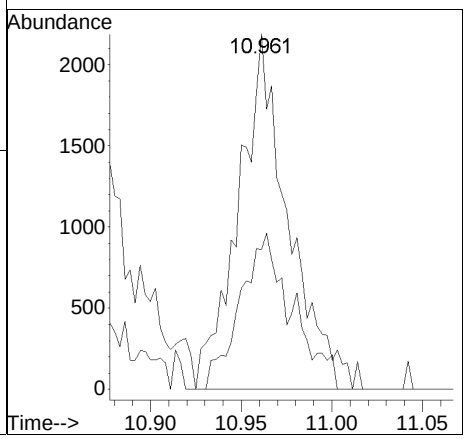


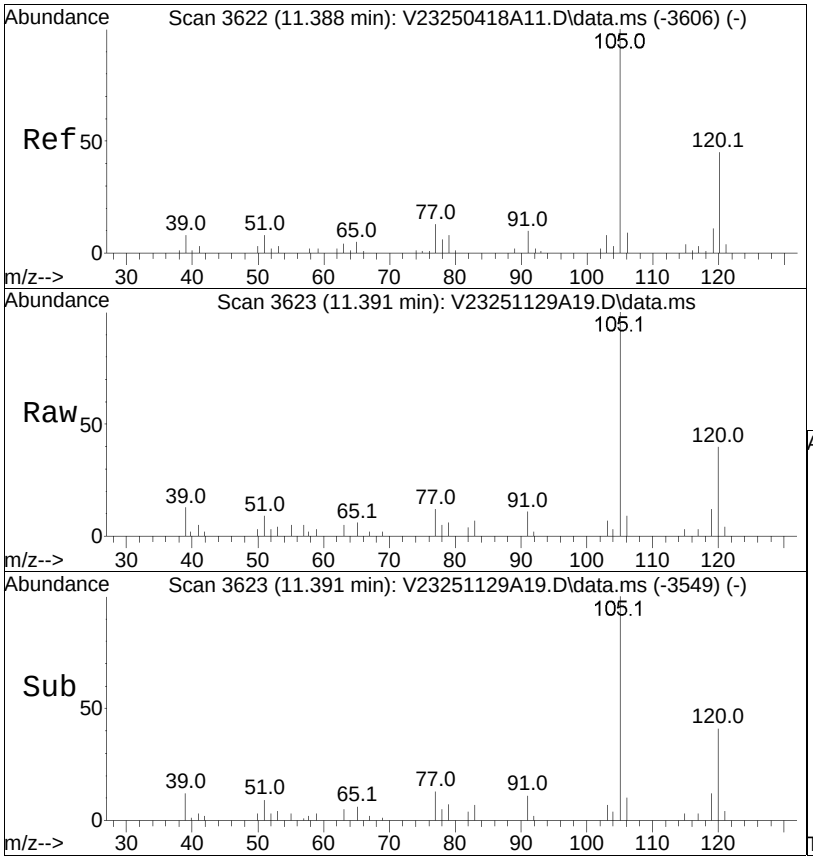


#90
1,3,5-Trimethylbenzene
Concen: 0.39 ug/L
RT: 10.961 min Scan# 3469
Delta R.T. 0.014 min
Lab File: V23251129A19.D
Acq: 29 Nov 2025 05:38 pm

Tgt Ion:105 Resp: 4216

Ion	Ratio	Lower	Upper
105	100		
120	36.5	39.9	59.9#

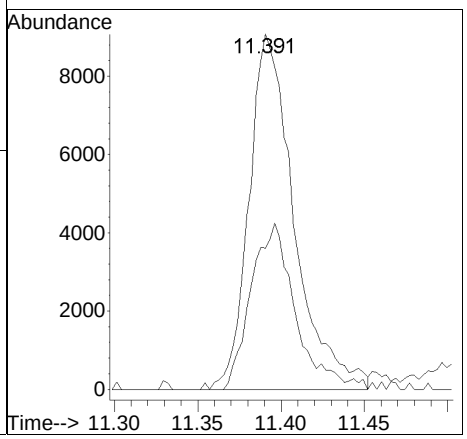


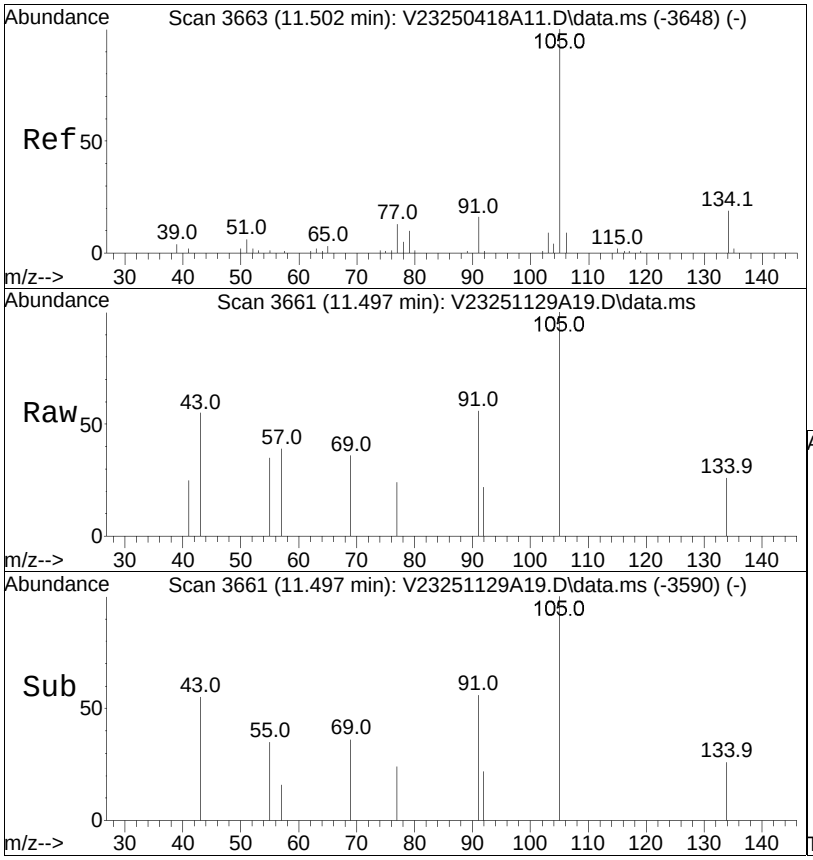


#97
1,2,4-Trimethylbenzene
Concen: 1.61 ug/L
RT: 11.391 min Scan# 3623
Delta R.T. 0.006 min
Lab File: V23251129A19.D
Acq: 29 Nov 2025 05:38 pm

Tgt Ion:105 Resp: 17167

Ion	Ratio	Lower	Upper
105	100		
120	45.1	36.9	55.3

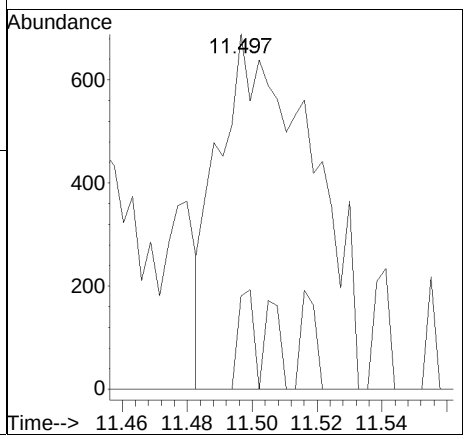


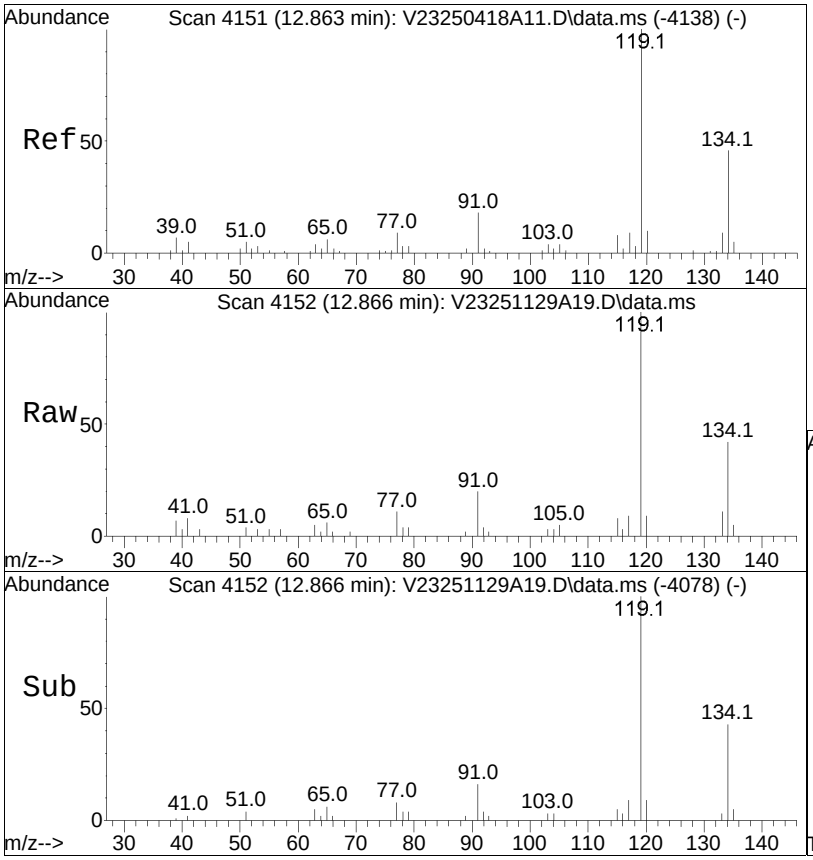


#98
sec-Butylbenzene
Concen: 0.10 ug/L
RT: 11.497 min Scan# 3661
Delta R.T. -0.003 min
Lab File: V23251129A19.D
Acq: 29 Nov 2025 05:38 pm

Tgt Ion:105 Resp: 1376

Ion	Ratio	Lower	Upper
105	100		
134	4.6	13.1	27.1#

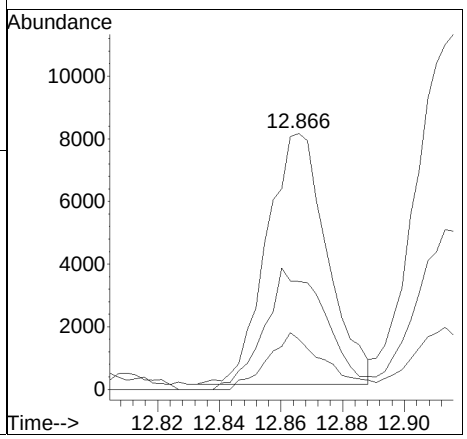


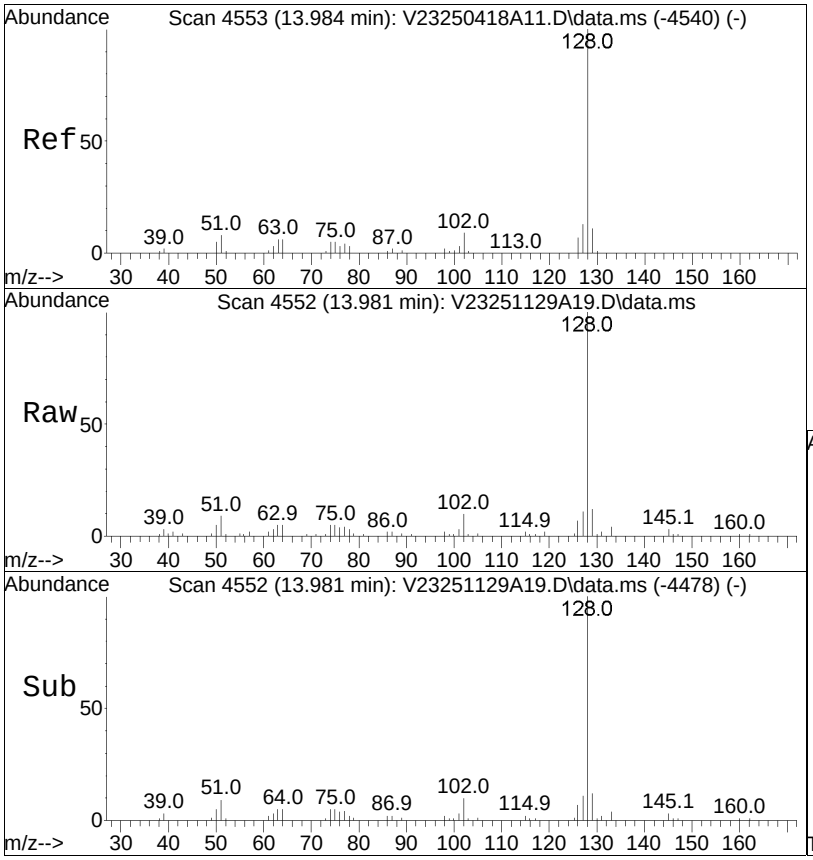


#105
1,2,4,5-Tetramethylbenzene
Concen: 0.97 ug/L
RT: 12.866 min Scan# 4152
Delta R.T. 0.006 min
Lab File: V23251129A19.D
Acq: 29 Nov 2025 05:38 pm

Tgt Ion:119 Resp: 10904

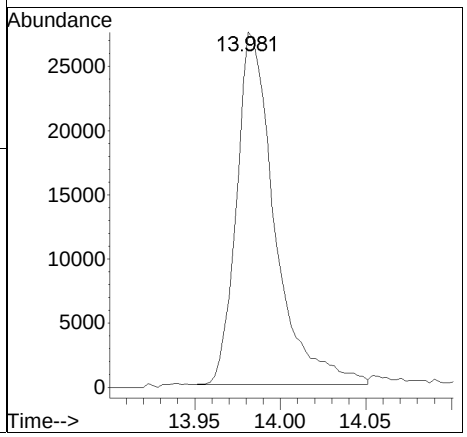
Ion	Ratio	Lower	Upper
119	100		
134	49.6	31.3	64.9
91	21.1	10.3	21.3





#110
Naphthalene
Concen: 5.32 ug/L
RT: 13.981 min Scan# 4552
Delta R.T. 0.006 min
Lab File: V23251129A19.D
Acq: 29 Nov 2025 05:38 pm

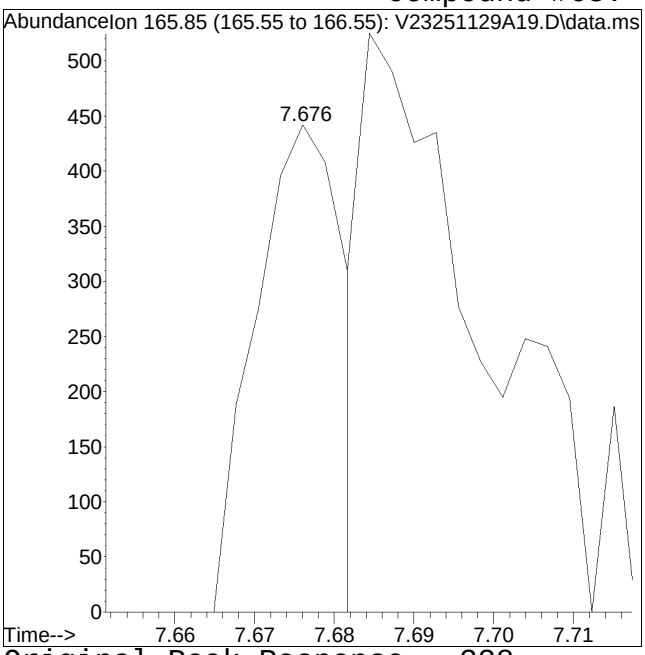
Tgt Ion:128 Resp: 42771

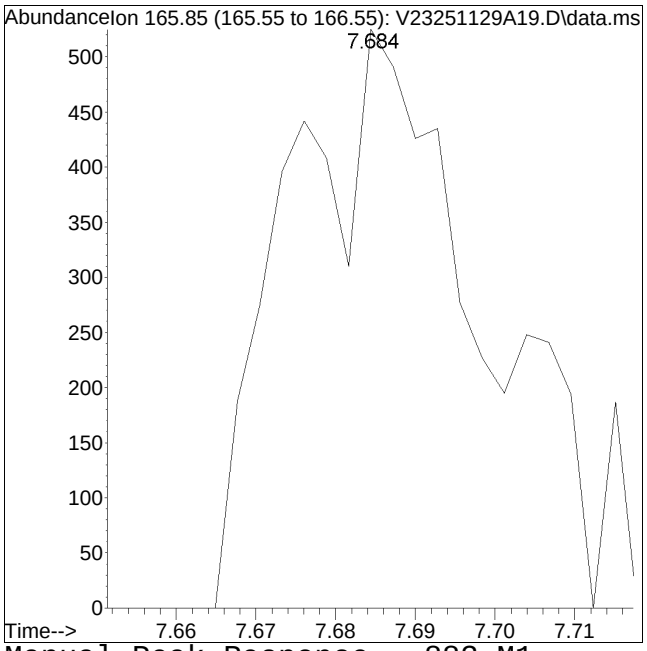


Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A19.D Operator : VOA123:JIC
Date Inj'd : 11/29/2025 5:38 pm Instrument : VOA123
Sample : L2574764-09,31,6.13,5,,B,3 Quant Date : 11/30/2025 11:22 am

Compound #63: Tetrachloroethene





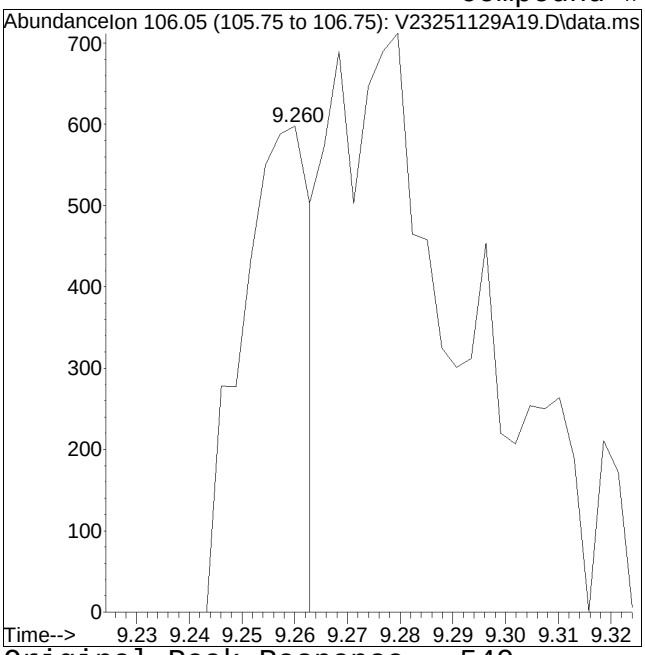
Original Peak Response = 338 Manual Peak Response = 883 M1

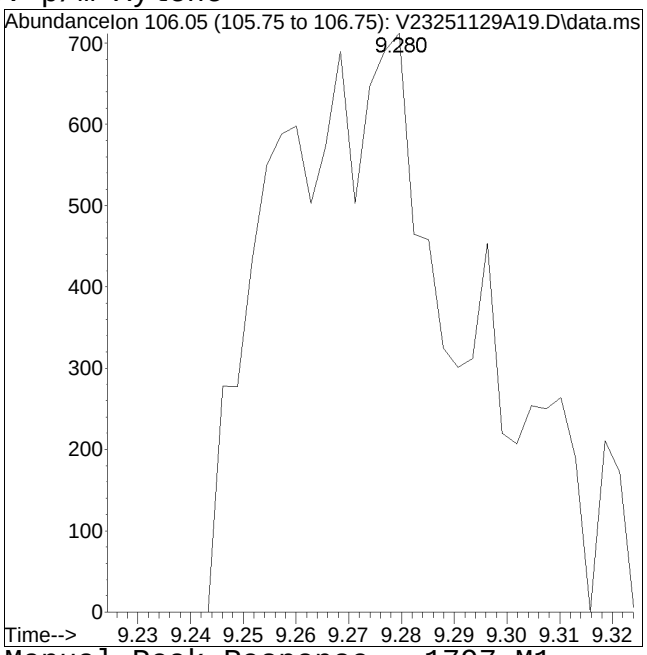
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A19.D Operator : VOA123:JIC
Date Inj'd : 11/29/2025 5:38 pm Instrument : VOA123
Sample : L2574764-09,31,6.13,5,,B,3Quant Date : 11/30/2025 11:22 am

Compound #76: p/m Xylene





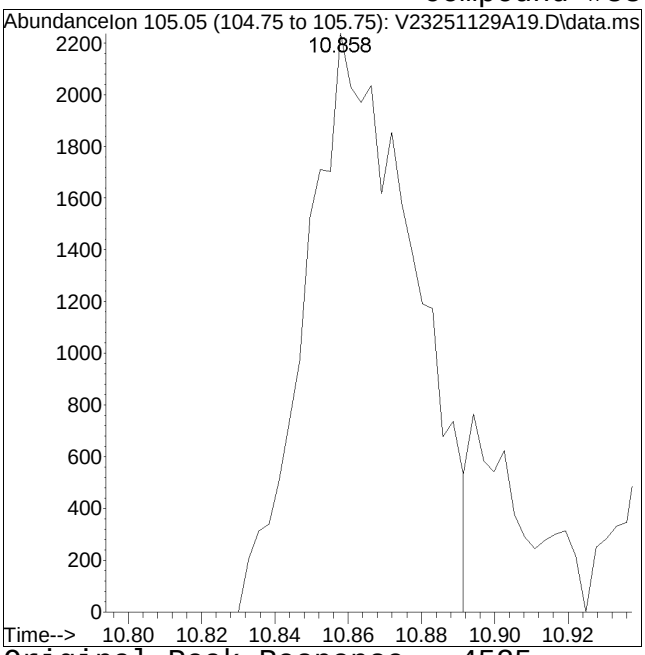
Original Peak Response = 540 Manual Peak Response = 1797 M1

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

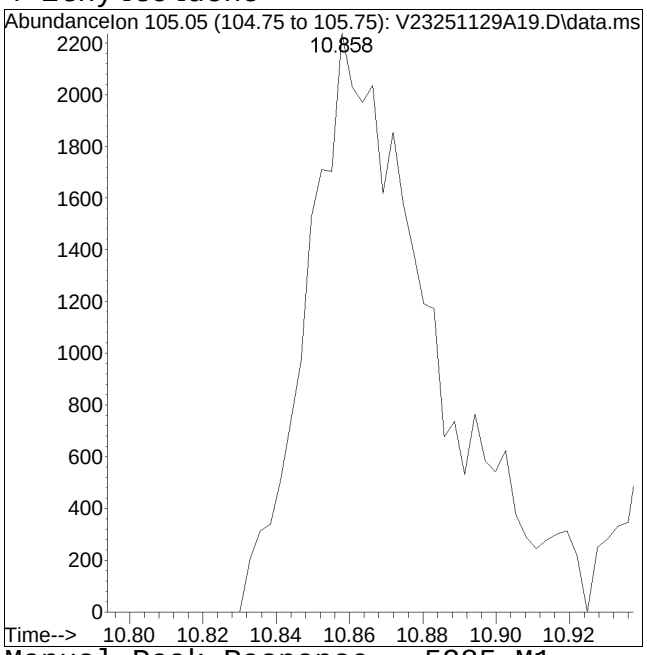
Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A19.D Operator : VOA123:JIC
Date Inj'd : 11/29/2025 5:38 pm Instrument : VOA123
Sample : L2574764-09,31,6.13,5,,B,3Quant Date : 11/30/2025 11:22 am

Compound #88: 4-Ethyltoluene



Original Peak Response = 4525



Manual Peak Response = 5285 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A10.D
Acq On : 29 Nov 2025 01:45 pm
Operator : VOA123:JIC
Sample : L2574764-01,31H,5,5,0.100,,A
Misc : WG2148016,ICAL22792
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 30 11:22:09 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.517	96	183711	20.000 ug/L	0.00
Standard Area 1 = 206936			Recovery = 88.78%		
59) Chlorobenzene-d5	8.992	117	129366	20.000 ug/L	0.00
Standard Area 1 = 154785			Recovery = 83.58%		
79) 1,4-Dichlorobenzene-d4	11.806	152	68937	20.000 ug/L	0.00
Standard Area 1 = 86212			Recovery = 79.96%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.734	113	43622	18.851 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.25%		
43) 1,2-Dichloroethane-d4	5.239	65	43895	18.532 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.66%		
60) Toluene-d8	7.174	98	168348	19.243 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.21%		
83) 4-Bromofluorobenzene	10.543	95	55043	17.860 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 89.30%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.312	85	86	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.959	94	42	N.D.	
6) Chloroethane	2.068	64	36	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.659	76	69	N.D.	
15) Methylene chloride	3.130	84	199	N.D.	
17) Acetone	3.178	43	257	Below Cal #	39
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	4.564	83	534	0.106 ug/L #	75

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A10.D
Acq On : 29 Nov 2025 01:45 pm
Operator : VOA123:JIC
Sample : L2574764-01,31H,5,5,0.100,,A
Misc : WG2148016,ICAL22792
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 30 11:22:09 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	4.882	43	28		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.003	91	28		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	10.537	91	27		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	10.771	75	27		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A10.D
Acq On : 29 Nov 2025 01:45 pm
Operator : VOA123:JIC
Sample : L2574764-01,31H,5,5,0.100,,A
Misc : WG2148016,ICAL22792
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 30 11:22:09 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
98) sec-Butylbenzene	0.000		0		N.D.	
99) p-Isopropyltoluene	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	11.812	146	31		N.D.	
101) 1,4-Dichlorobenzene	11.812	146	31		N.D.	
102) p-Diethylbenzene	0.000		0		N.D.	
103) n-Butylbenzene	0.000		0		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
110) Naphthalene	14.034	128	29		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

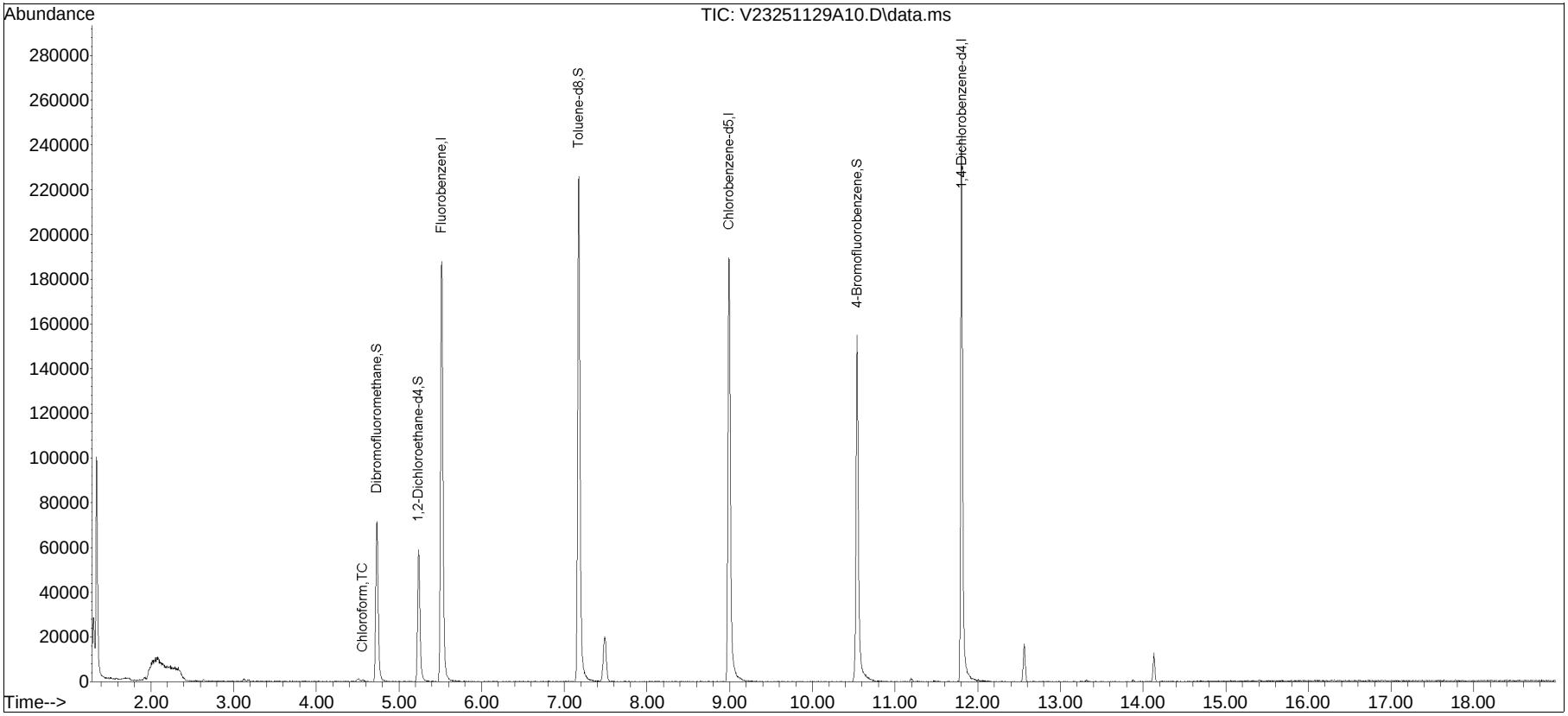
(#) = qualifier out of range (m) = manual integration (+) = signals summed

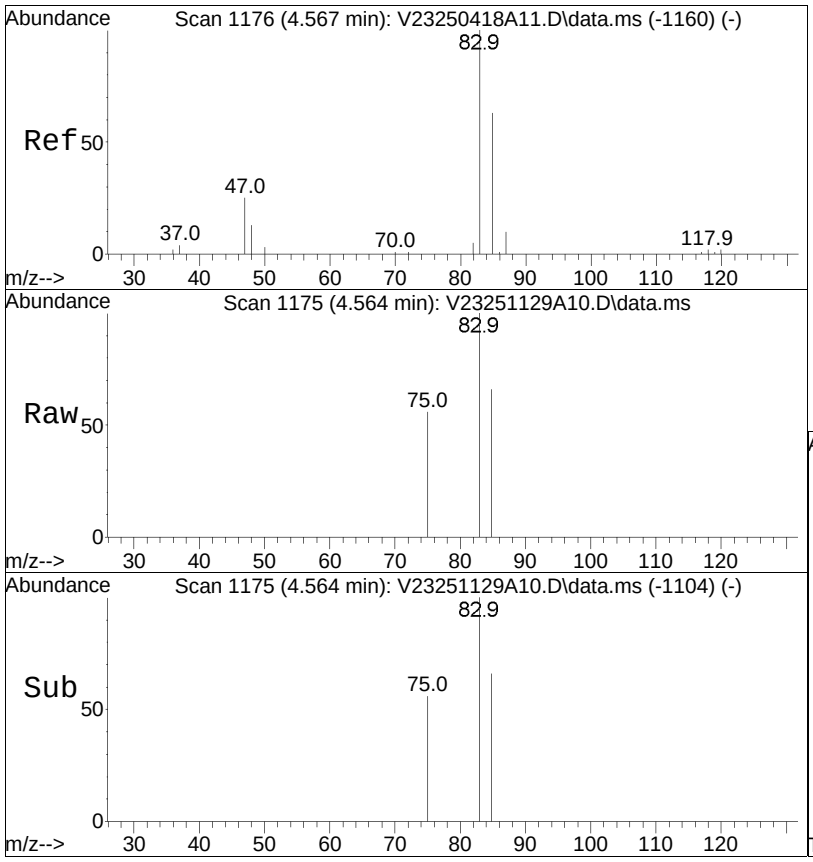
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A10.D
Acq On : 29 Nov 2025 01:45 pm
Operator : VOA123:JIC
Sample : L2574764-01,31H,5,5,0.100,,A
Misc : WG2148016,ICAL22792
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 30 11:22:09 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251129A02.D•

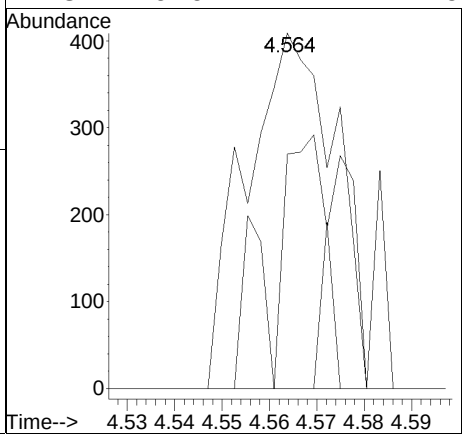




#32
Chloroform
Concen: 0.11 ug/L
RT: 4.564 min Scan# 1175
Delta R.T. -0.003 min
Lab File: V23251129A10.D
Acq: 29 Nov 2025 01:45 pm

Tgt Ion: 83 Resp: 534

Ion	Ratio	Lower	Upper
83	100		
85	47.8	42.1	87.3
47	6.0	14.0	29.2#
48	0.0	7.2	14.9#



Manual Integration Report

Data Path	: K:\VOA123\2025\251129A\	QMethod	: V123_251103N_8260.m
Data File	: V23251129A10.D	Operator	: VOA123:JIC
Date Inj'd	: 11/29/2025 1:45 pm	Instrument	: VOA123
Sample	: L2574764-01,31H,5,5,0.100,	Quant Date	: 11/30/2025 11:22 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A23.D
Acq On : 29 Nov 2025 07:22 pm
Operator : VOA123:JIC
Sample : L2574764-02,31H,5.00,5,0.100,,A,29.56,35.05,0
Misc : WG2148016,ICAL22792
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 30 13:40:52 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.518	96	214375	20.000 ug/L	0.00
Standard Area 1 = 206936			Recovery = 103.59%		
59) Chlorobenzene-d5	8.992	117	156182	20.000 ug/L	0.00
Standard Area 1 = 154785			Recovery = 100.90%		
79) 1,4-Dichlorobenzene-d4	11.803	152	90800	20.000 ug/L	0.00
Standard Area 1 = 86212			Recovery = 105.32%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.737	113	47304	17.518 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 87.59%		
43) 1,2-Dichloroethane-d4	5.236	65	52449	18.976 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.88%		
60) Toluene-d8	7.174	98	229334	21.713 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 108.57%		
83) 4-Bromofluorobenzene	10.540	95	161600	39.809 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 199.04%#		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.312	85	56	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.962	94	76	N.D.	
6) Chloroethane	0.000		0	N.D. d	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.640	76	1443	0.176 ug/L #	72
15) Methylene chloride	3.122	84	596M1	0.206 ug/L	
17) Acetone	3.181	43	714	Below Cal #	53
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D. d	
27) Vinyl acetate	4.028	43	166	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	4.480	77	64	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D. d	

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A23.D
Acq On : 29 Nov 2025 07:22 pm
Operator : VOA123:JIC
Sample : L2574764-02,31H,5.00,5,0.100,,A,29.56,35.05,0
Misc : WG2148016,ICAL22792
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 30 13:40:52 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	4.862	97	27	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	5.244	78	248	N.D.		
44) 1,2-Dichloroethane	5.253	62	57	N.D.		
48) Trichloroethene	0.000		0	N.D.	d	
50) Dibromomethane	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	0.000		0	N.D.	d	
54) Bromodichloromethane	0.000		0	N.D.	d	
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	7.026	75	30	N.D.		
61) Toluene	7.244	92	88	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d	
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	7.779	75	54	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
69) Chlorodibromomethane	0.000		0	N.D.	d	
70) 1,3-Dichloropropane	8.334	76	29	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.	d	
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	0.000		0	N.D.	d	
74) Ethylbenzene	9.059	91	4621	0.352	ug/L #	73
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	9.254	106	2347M3	0.478	ug/L	
77) o Xylene	9.782	106	59	N.D.		
78) Styrene	9.966	104	27	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.194	105	241028	17.708	ug/L	100
84) Bromobenzene	10.674	156	26	N.D.		
85) n-Propylbenzene	10.707	91	522886	32.270	ug/L	100
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d	
88) 4-Ethyltoluene	10.847	105	87729	6.506	ug/L	98
89) 2-Chlorotoluene	0.000		0	N.D.	d	
90) 1,3,5-Trimethylbenzene	10.953	105	20653	1.727	ug/L	96
91) 1,2,3-Trichloropropane	0.000		0	N.D.	d	
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
93) 4-Chlorotoluene	11.067	91	502	N.D.		
94) tert-Butylbenzene	11.304	119	14140	1.412	ug/L	89

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A23.D
Acq On : 29 Nov 2025 07:22 pm
Operator : VOA123:JIC
Sample : L2574764-02,31H,5.00,5,0.100,,A,29.56,35.05,0
Misc : WG2148016,ICAL22792
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 30 13:40:52 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
97)	1,2,4-Trimethylbenzene	11.388	105	21831	1.836	ug/L		96
98)	sec-Butylbenzene	11.499	105	137816	9.199	ug/L	#	66
99)	p-Isopropyltoluene	11.664	119	108583	8.369	ug/L		96
100)	1,3-Dichlorobenzene	11.820	146	37	N.D.			
101)	1,4-Dichlorobenzene	11.820	146	37	N.D.			
102)	p-Diethylbenzene	12.052	119	104922M6	13.658	ug/L		
103)	n-Butylbenzene	12.110	91	209657	18.013	ug/L		98
104)	1,2-Dichlorobenzene	0.000		0	N.D.	d		
105)	1,2,4,5-Tetramethylben...	12.860	119	277502	22.185	ug/L		96
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.	d		
108)	Hexachlorobutadiene	0.000		0	N.D.			
109)	1,2,4-Trichlorobenzene	13.700	180	194	N.D.			
110)	Naphthalene	13.987	128	12185	1.357	ug/L		100
111)	1,2,3-Trichlorobenzene	14.146	180	136	N.D.			

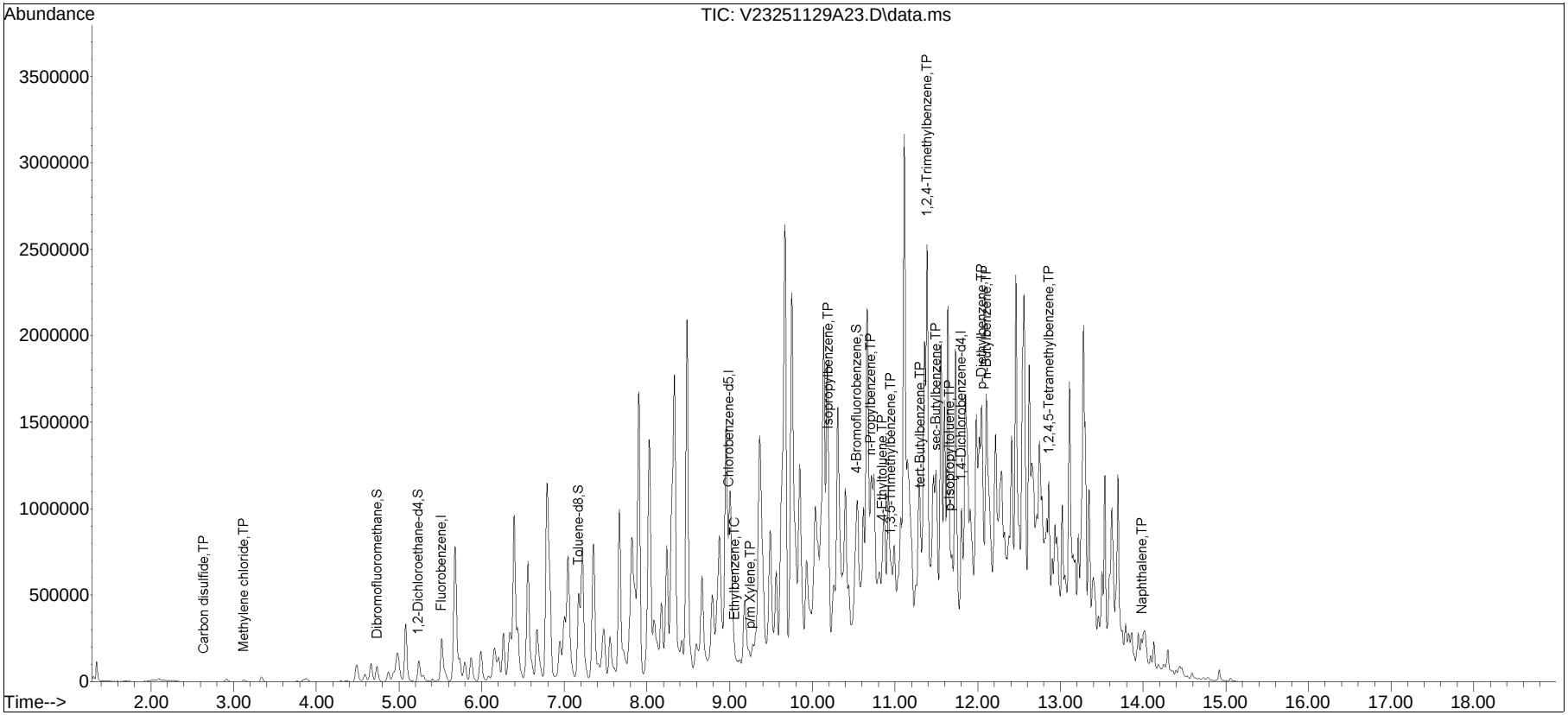
(#) = qualifier out of range (m) = manual integration (+) = signals summed

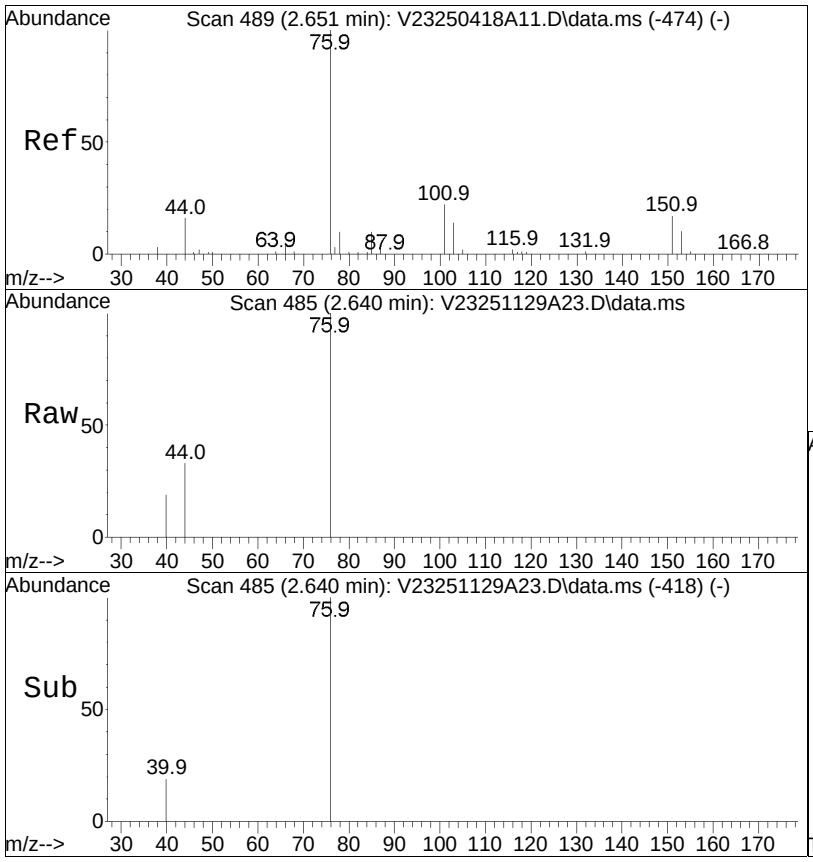
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A23.D
Acq On : 29 Nov 2025 07:22 pm
Operator : VOA123:JIC
Sample : L2574764-02,31H,5.00,5,0.100,,A,29.56,35.05,0
Misc : WG2148016,ICAL22792
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 30 13:40:52 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251129A02.D•

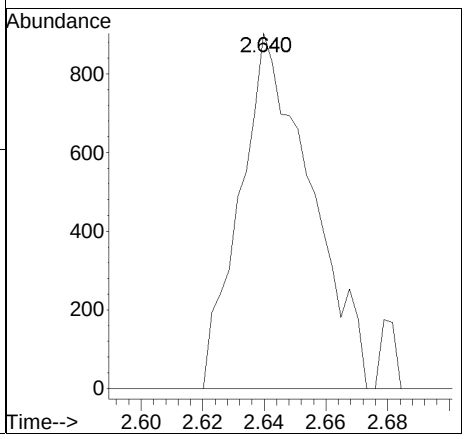


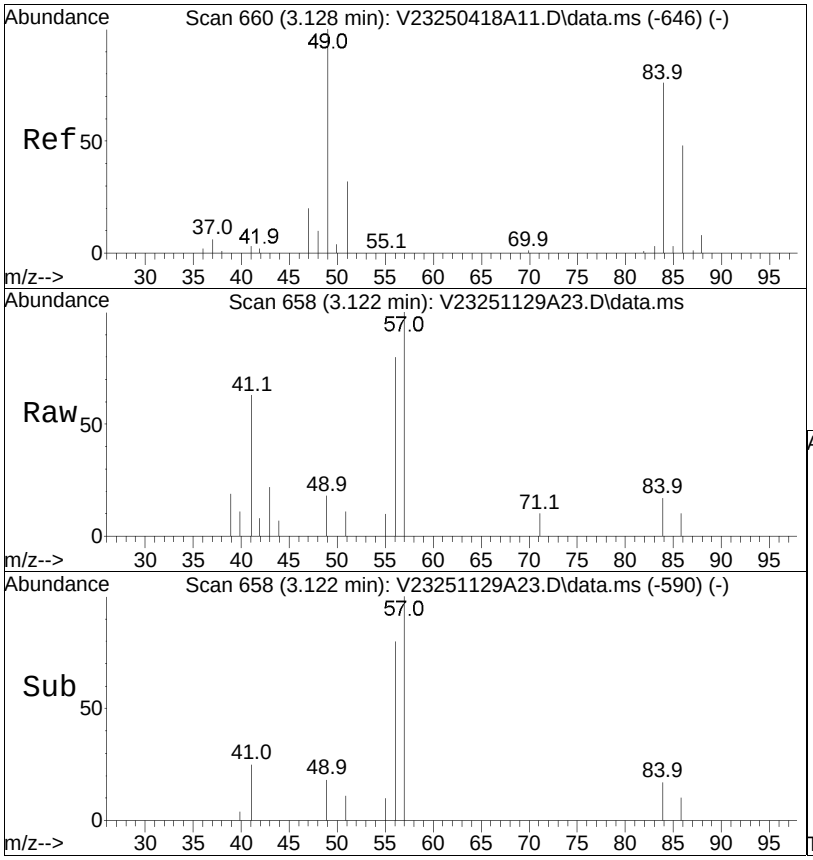


#11
Carbon disulfide
Concen: 0.18 ug/L
RT: 2.640 min Scan# 485
Delta R.T. -0.014 min
Lab File: V23251129A23.D
Acq: 29 Nov 2025 07:22 pm

Tgt Ion: 76 Resp: 1443

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.7	13.9#

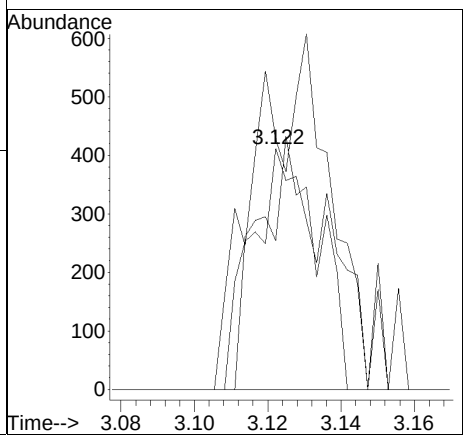


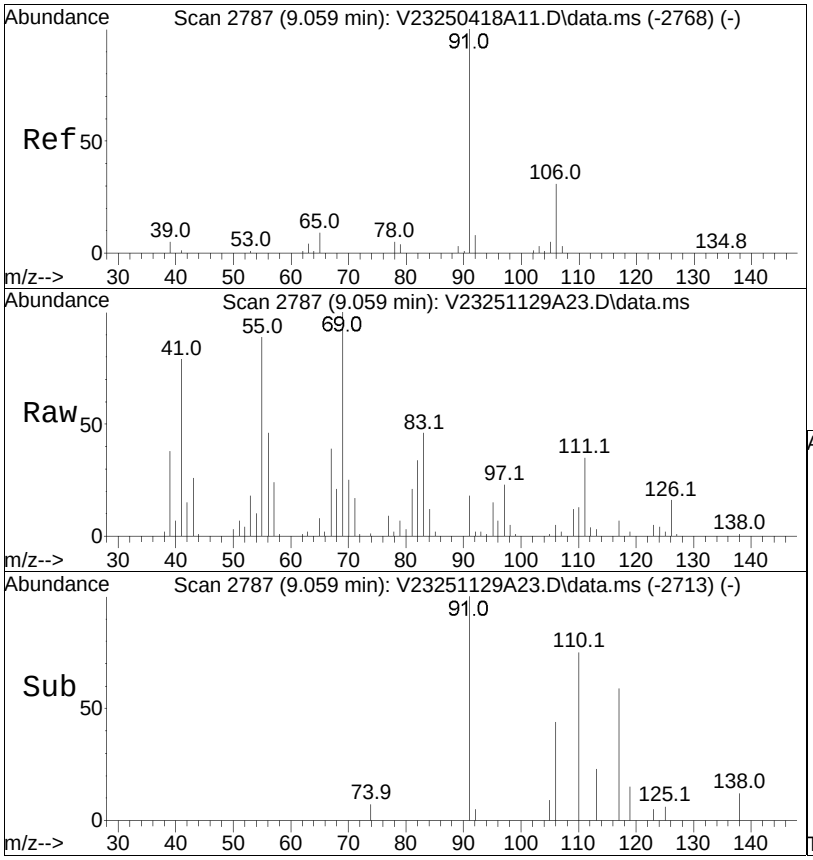


#15
Methylene chloride
Concen: 0.21 ug/L M1
RT: 3.122 min Scan# 658
Delta R.T. -0.011 min
Lab File: V23251129A23.D
Acq: 29 Nov 2025 07:22 pm

Tgt Ion: 84 Resp: 596

Ion	Ratio	Lower	Upper
84	100		
86	81.4	42.0	87.2
49	69.1	74.0	153.6#

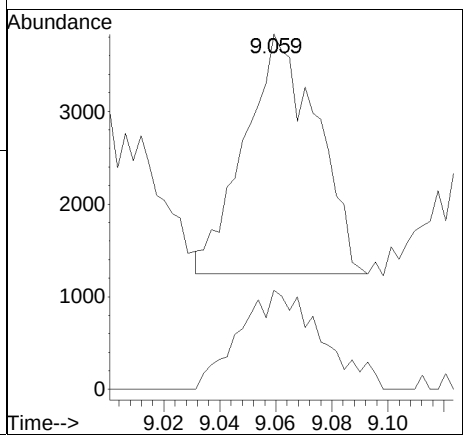


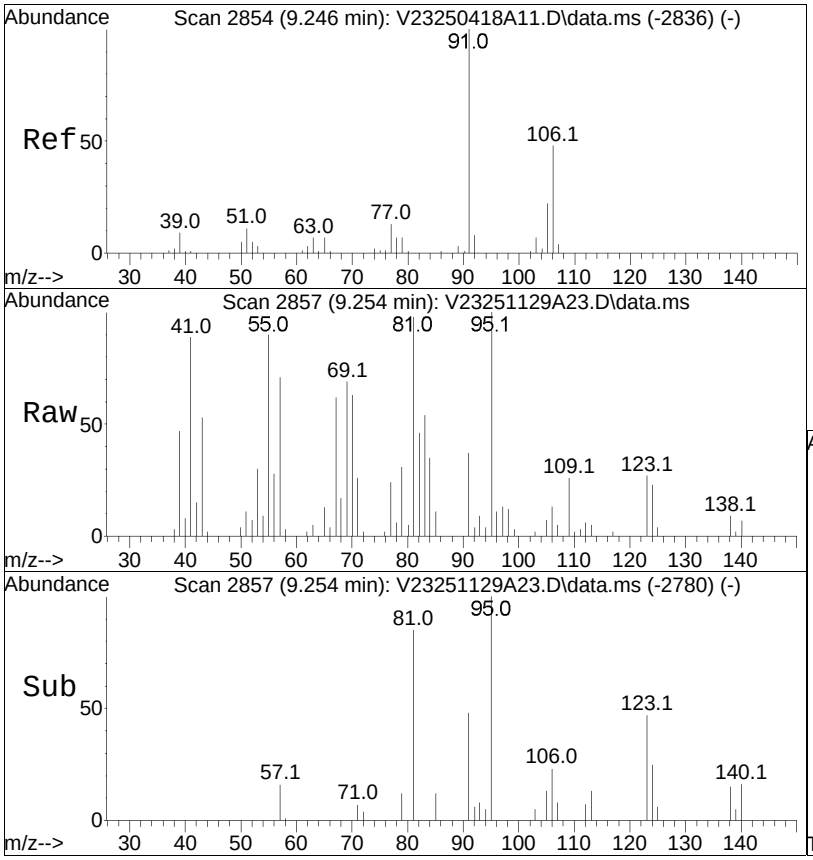


#74
Ethylbenzene
Concen: 0.35 ug/L
RT: 9.059 min Scan# 2787
Delta R.T. 0.006 min
Lab File: V23251129A23.D
Acq: 29 Nov 2025 07:22 pm

Tgt Ion: 91 Resp: 4621

Ion	Ratio	Lower	Upper
91	100		
106	46.7	25.2	37.8#

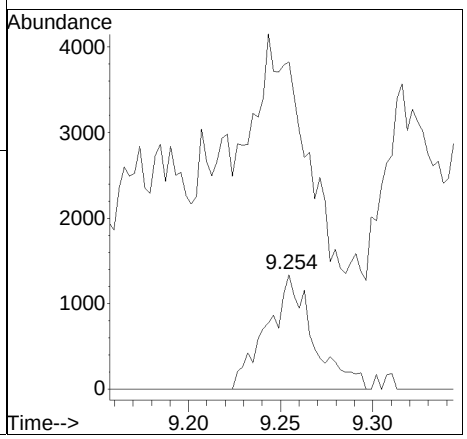


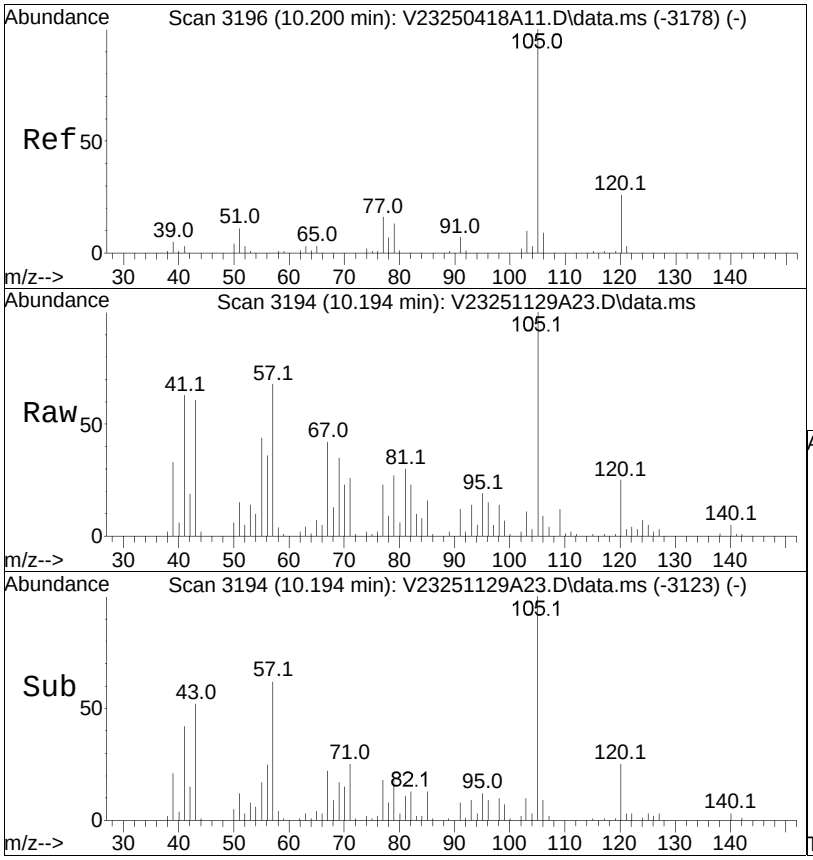


#76
p/m Xylene
Concen: 0.48 ug/L M3
RT: 9.254 min Scan# 2857
Delta R.T. 0.014 min
Lab File: V23251129A23.D
Acq: 29 Nov 2025 07:22 pm

Tgt Ion:106 Resp: 2347

Ion	Ratio	Lower	Upper
106	100		
91	164.0	160.4	240.6

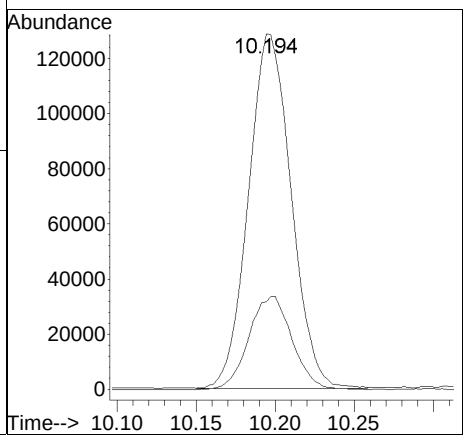


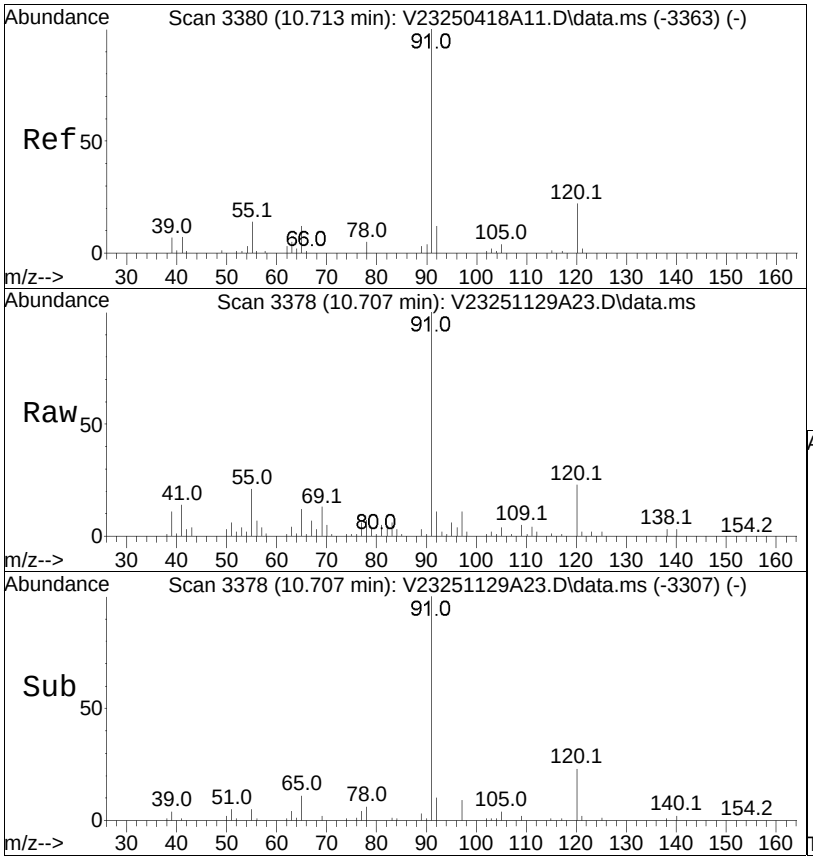


#82
Isopropylbenzene
Concen: 17.71 ug/L
RT: 10.194 min Scan# 3194
Delta R.T. -0.003 min
Lab File: V23251129A23.D
Acq: 29 Nov 2025 07:22 pm

Tgt Ion:105 Resp: 241028

Ion	Ratio	Lower	Upper
105	100		
120	26.5	6.6	46.6

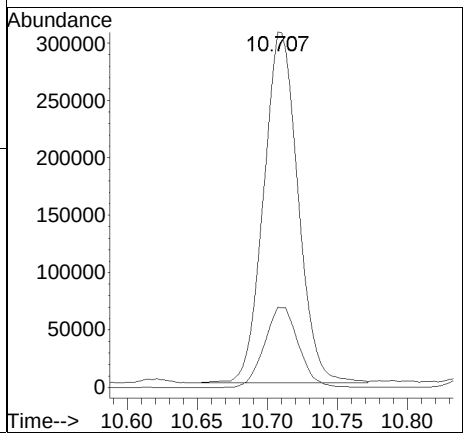


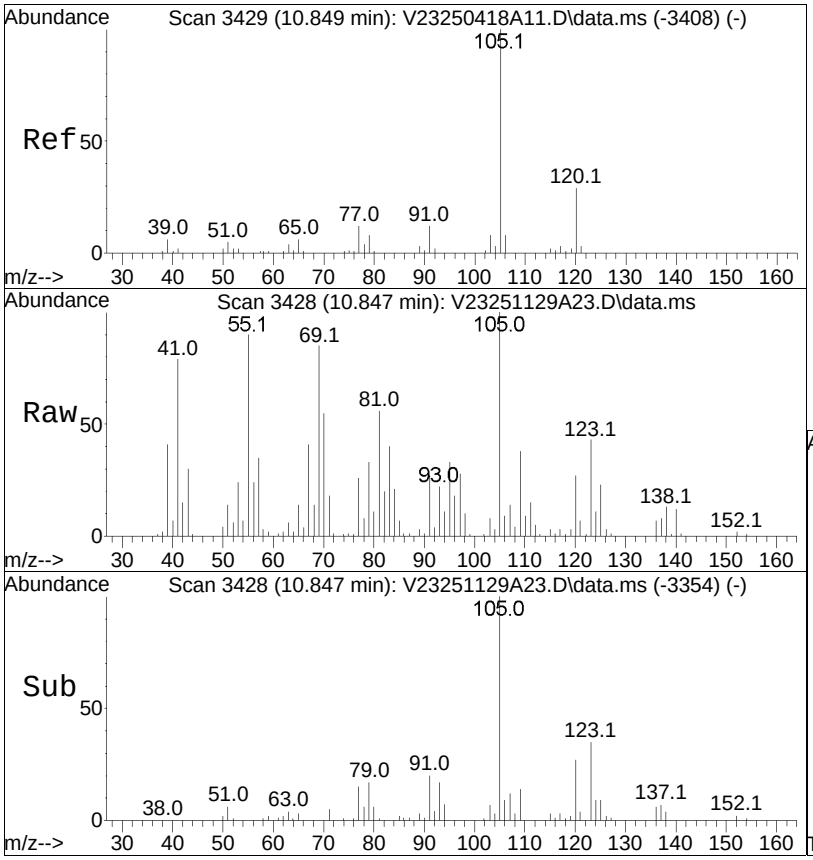


#85
n-Propylbenzene
Concen: 32.27 ug/L
RT: 10.707 min Scan# 3378
Delta R.T. -0.003 min
Lab File: V23251129A23.D
Acq: 29 Nov 2025 07:22 pm

Tgt Ion: 91 Resp: 522886

Ion	Ratio	Lower	Upper
91	100		
120	22.6	18.2	27.2

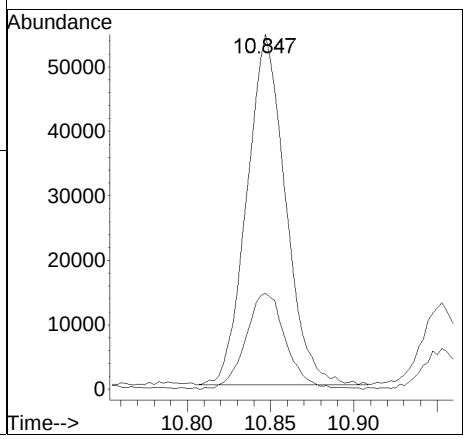


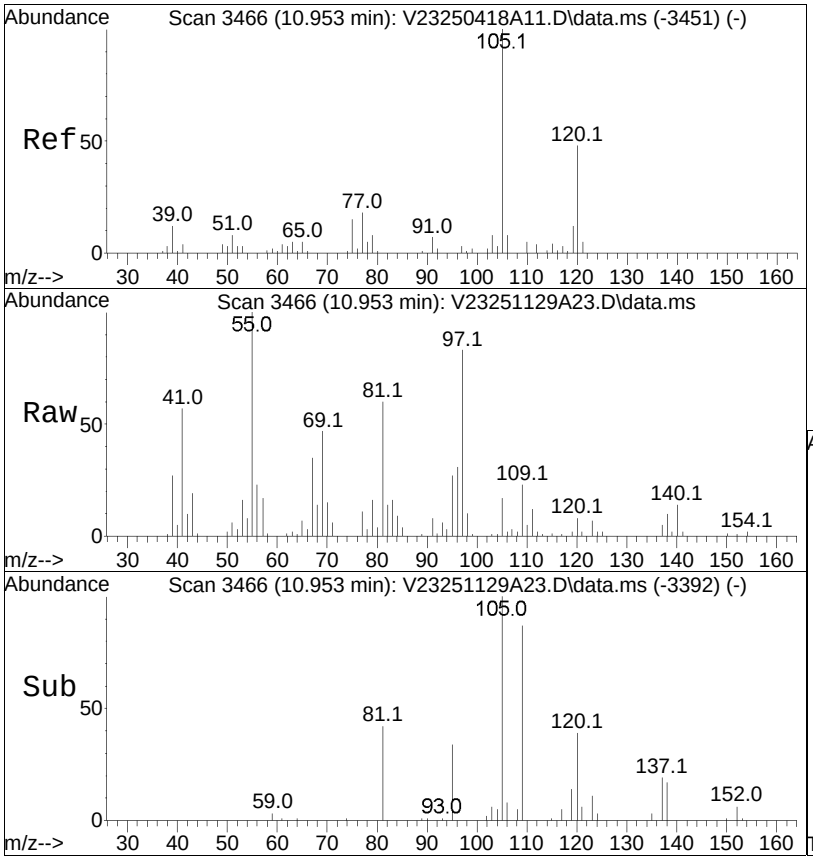


#88
4-Ethyltoluene
Concen: 6.51 ug/L
RT: 10.847 min Scan# 3428
Delta R.T. 0.006 min
Lab File: V23251129A23.D
Acq: 29 Nov 2025 07:22 pm

Tgt Ion:105 Resp: 87729

Ion	Ratio	Lower	Upper
105	100		
120	28.7	19.4	40.4

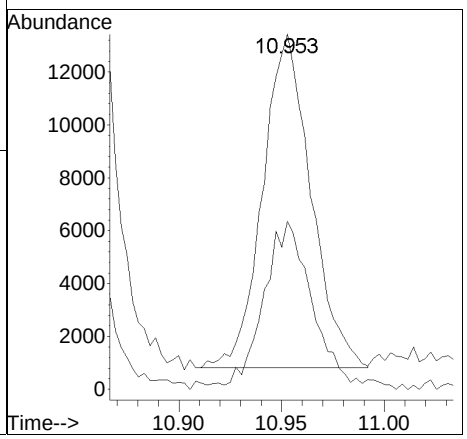


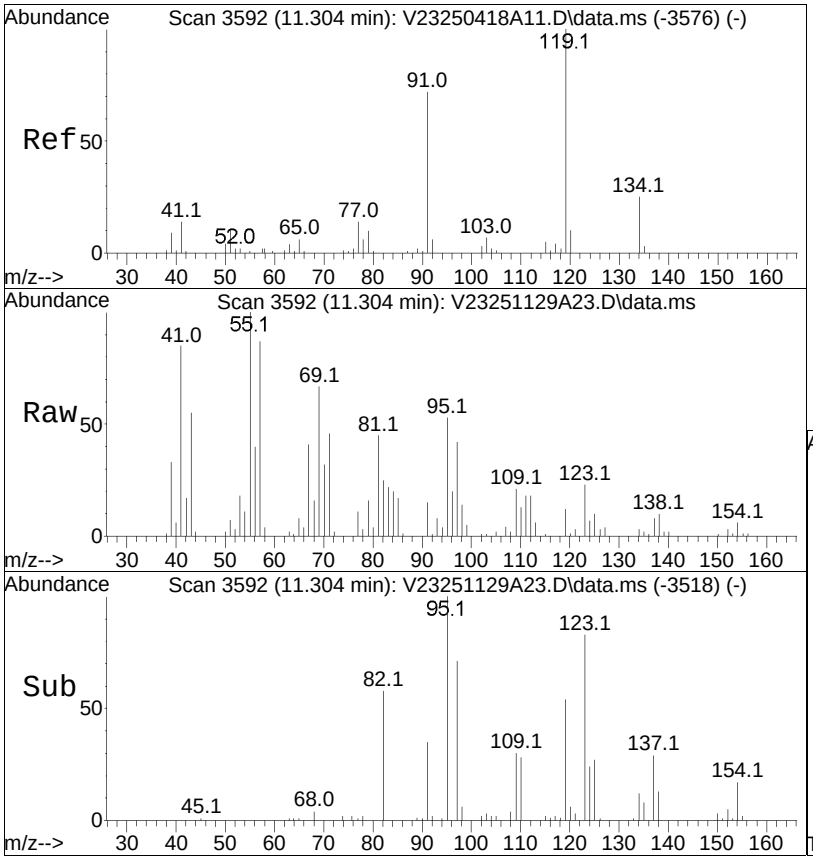


#90
1,3,5-Trimethylbenzene
Concen: 1.73 ug/L
RT: 10.953 min Scan# 3466
Delta R.T. 0.006 min
Lab File: V23251129A23.D
Acq: 29 Nov 2025 07:22 pm

Tgt Ion:105 Resp: 20653

Ion	Ratio	Lower	Upper
105	100		
120	47.0	39.9	59.9

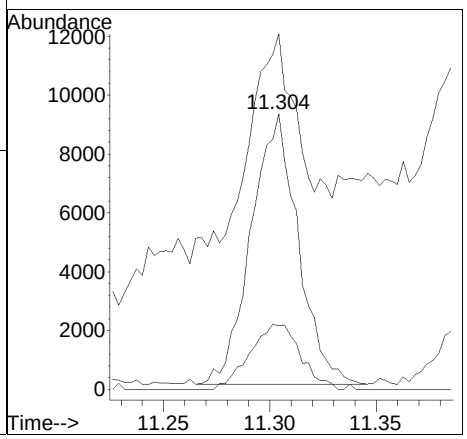


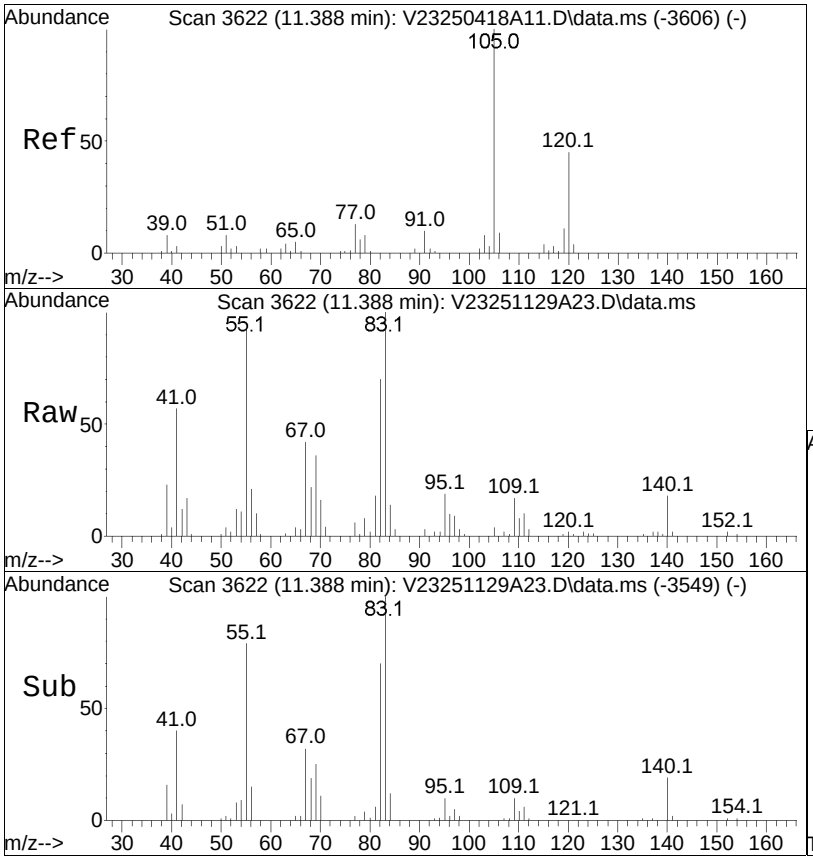


#94
tert-Butylbenzene
Concen: 1.41 ug/L
RT: 11.304 min Scan# 3592
Delta R.T. 0.006 min
Lab File: V23251129A23.D
Acq: 29 Nov 2025 07:22 pm

Tgt Ion:119 Resp: 14140

Ion	Ratio	Lower	Upper
119	100		
91	77.8	53.1	79.7
134	25.9	20.4	30.6

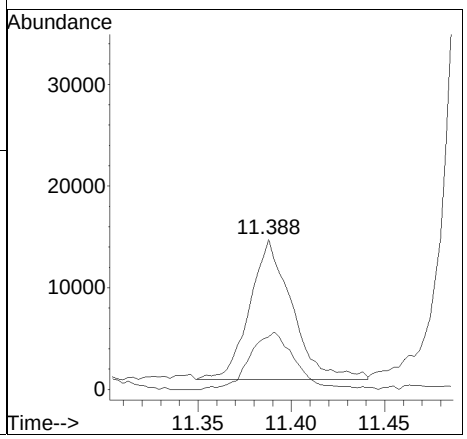


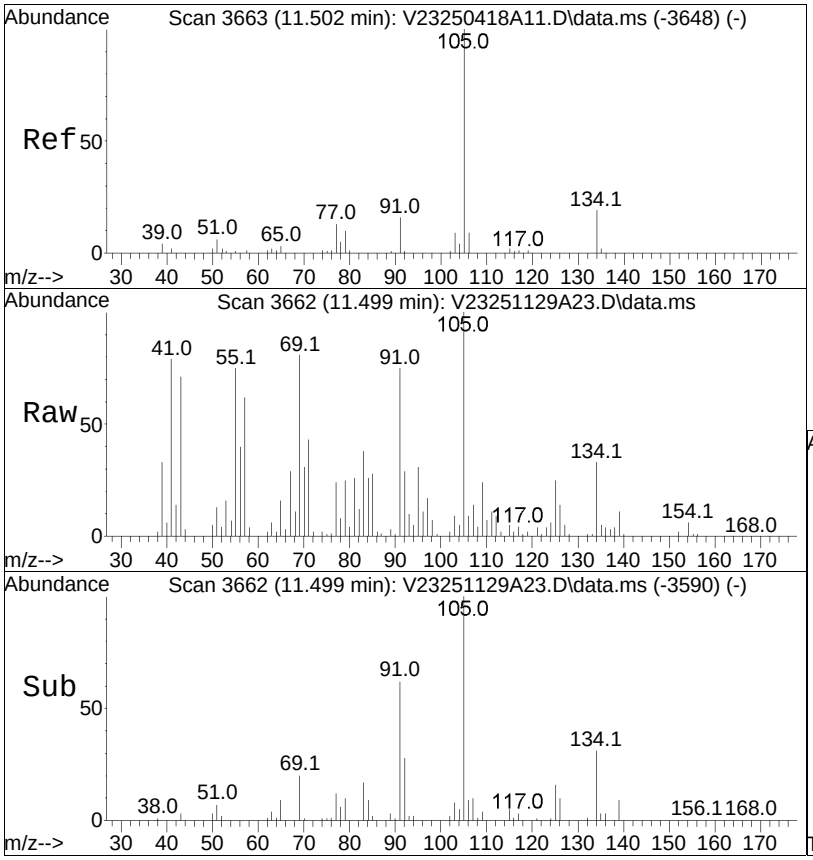


#97
1,2,4-Trimethylbenzene
Concen: 1.84 ug/L
RT: 11.388 min Scan# 3622
Delta R.T. 0.003 min
Lab File: V23251129A23.D
Acq: 29 Nov 2025 07:22 pm

Tgt Ion:105 Resp: 21831

Ion	Ratio	Lower	Upper
105	100		
120	43.4	36.9	55.3

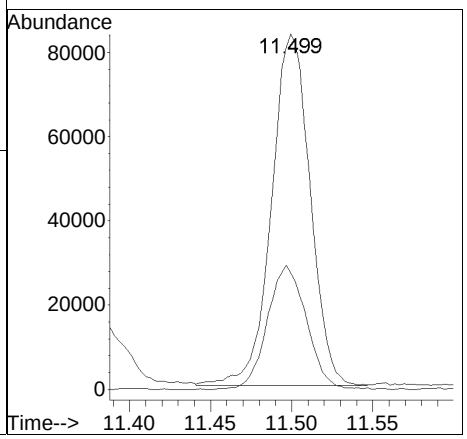


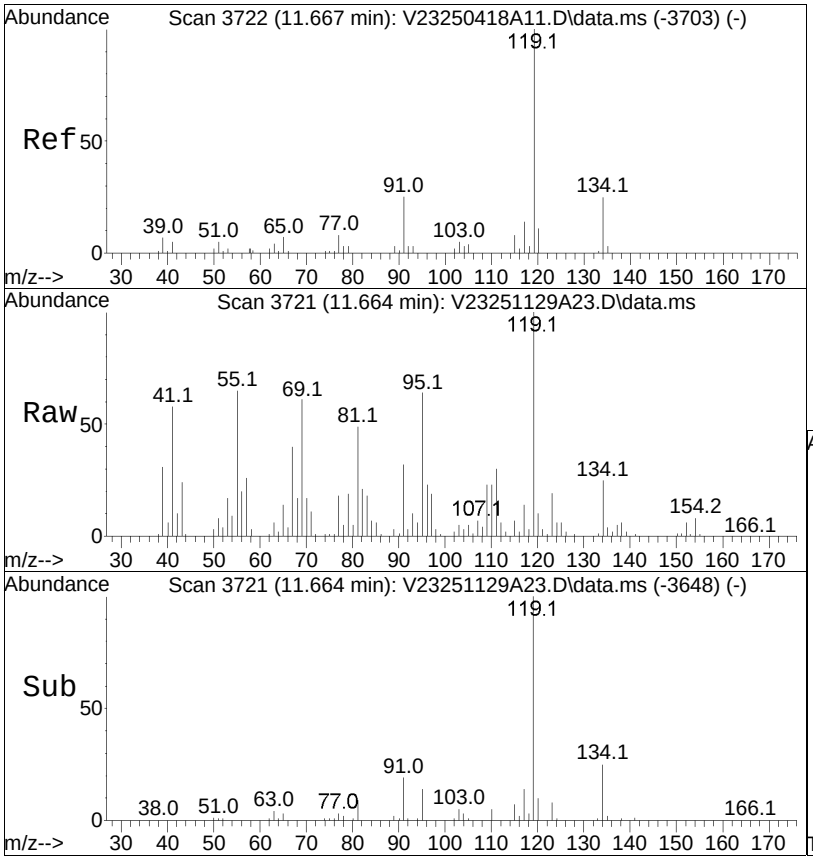


#98
sec-Butylbenzene
Concen: 9.20 ug/L
RT: 11.499 min Scan# 3662
Delta R.T. 0.000 min
Lab File: V23251129A23.D
Acq: 29 Nov 2025 07:22 pm

Tgt Ion:105 Resp: 137816

Ion	Ratio	Lower	Upper
105	100		
134	35.8	13.1	27.1#

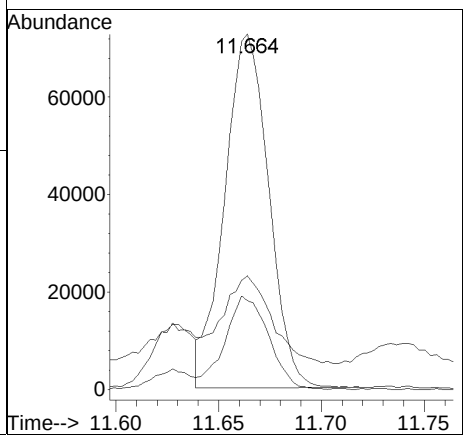


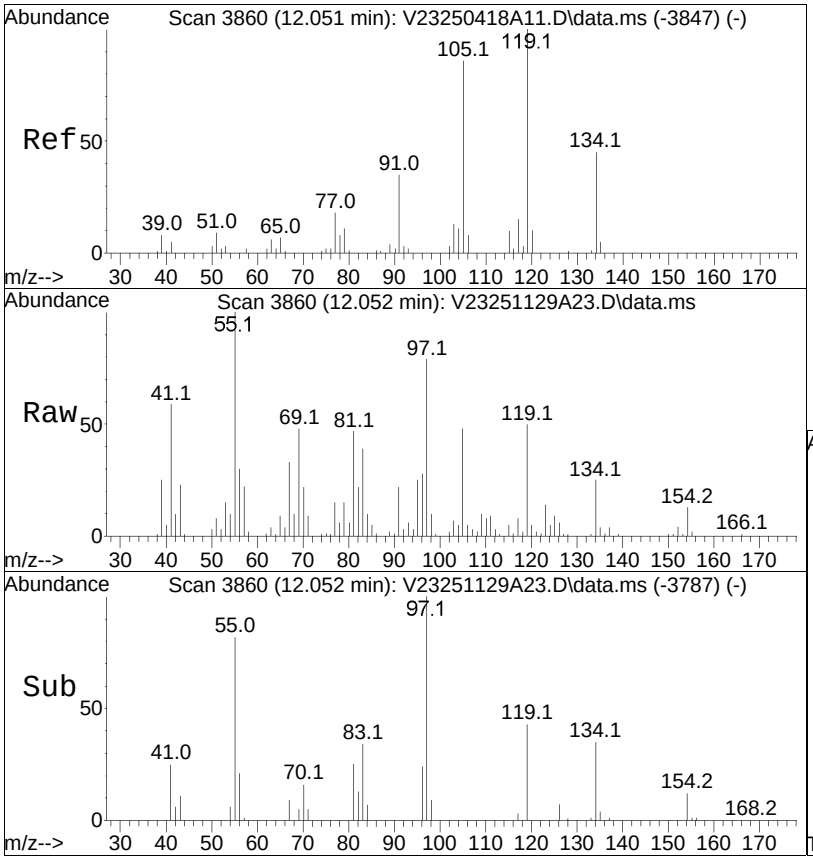


#99
p-Isopropyltoluene
Concen: 8.37 ug/L
RT: 11.664 min Scan# 3721
Delta R.T. 0.003 min
Lab File: V23251129A23.D
Acq: 29 Nov 2025 07:22 pm

Tgt Ion:119 Resp: 108583

Ion	Ratio	Lower	Upper
119	100		
134	26.1	17.2	35.6
91	26.8	15.1	31.3

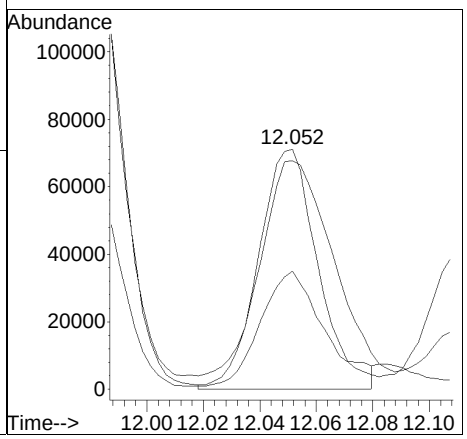


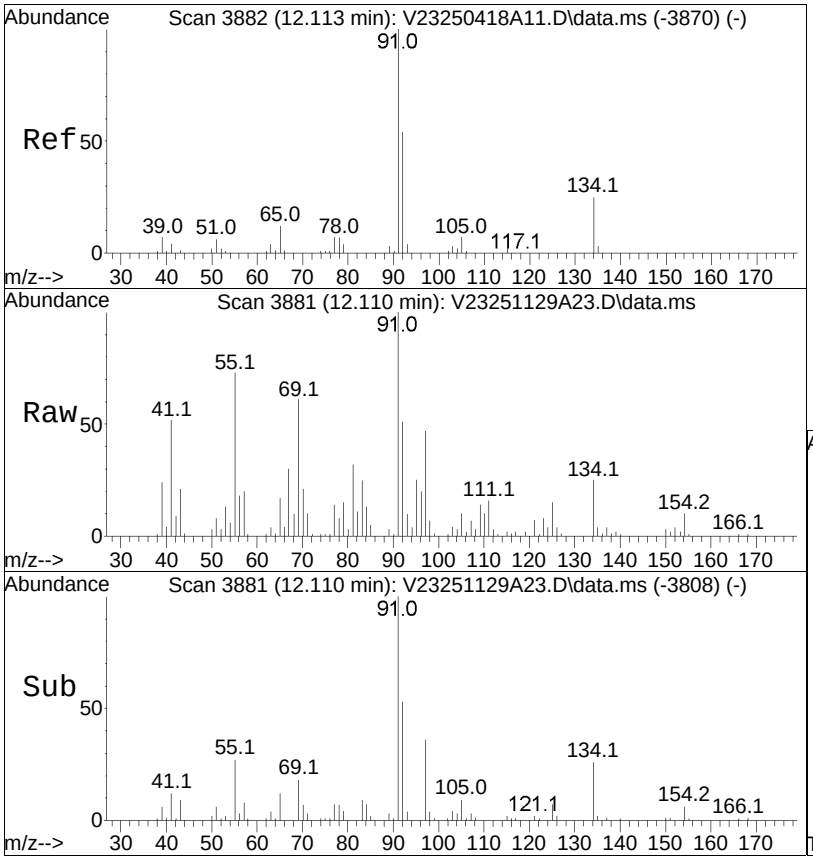


#102
p-Diethylbenzene
Concen: 13.66 ug/L M6
RT: 12.052 min Scan# 3860
Delta R.T. 0.003 min
Lab File: V23251129A23.D
Acq: 29 Nov 2025 07:22 pm

Tgt Ion:119 Resp: 104922

Ion	Ratio	Lower	Upper
119	100		
105	111.7	55.1	114.5
134	52.8	30.0	62.2

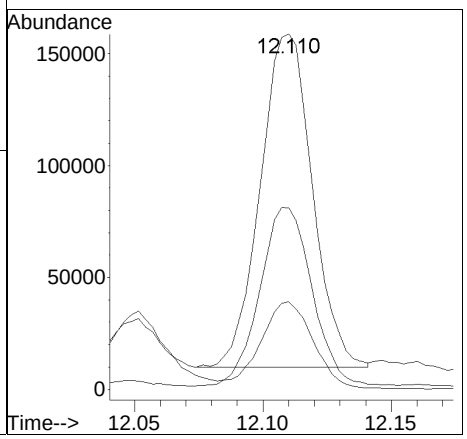


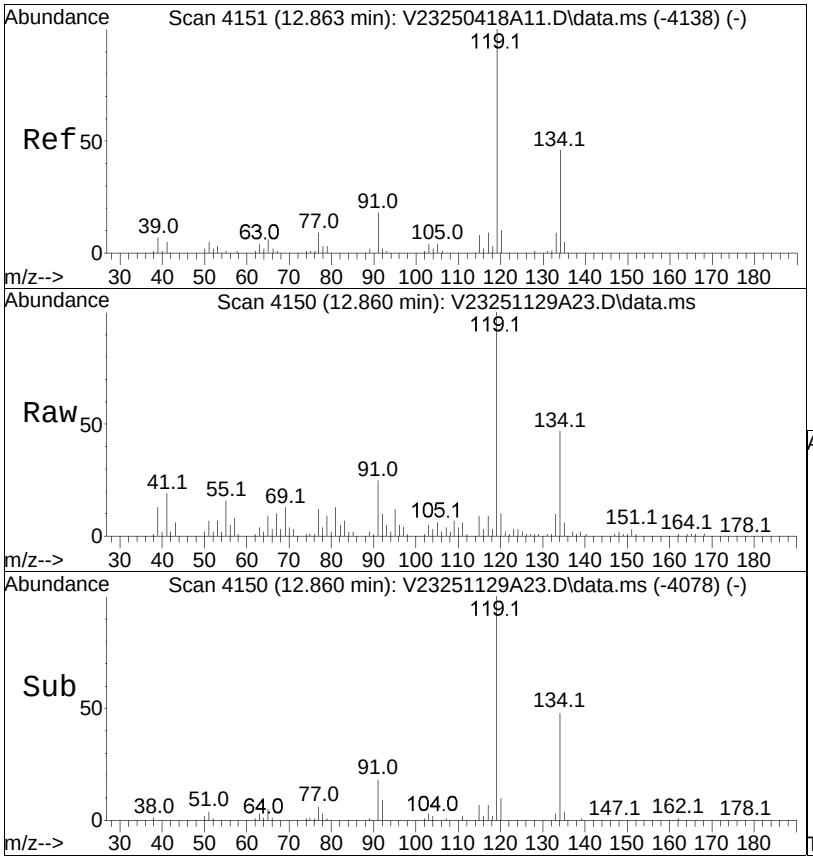


#103
n-Butylbenzene
Concen: 18.01 ug/L
RT: 12.110 min Scan# 3881
Delta R.T. 0.003 min
Lab File: V23251129A23.D
Acq: 29 Nov 2025 07:22 pm

Tgt Ion: 91 Resp: 209657

Ion	Ratio	Lower	Upper
91	100		
92	53.8	44.2	66.4
134	26.7	21.2	31.8

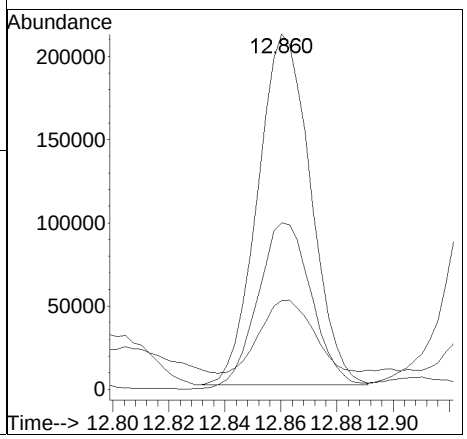


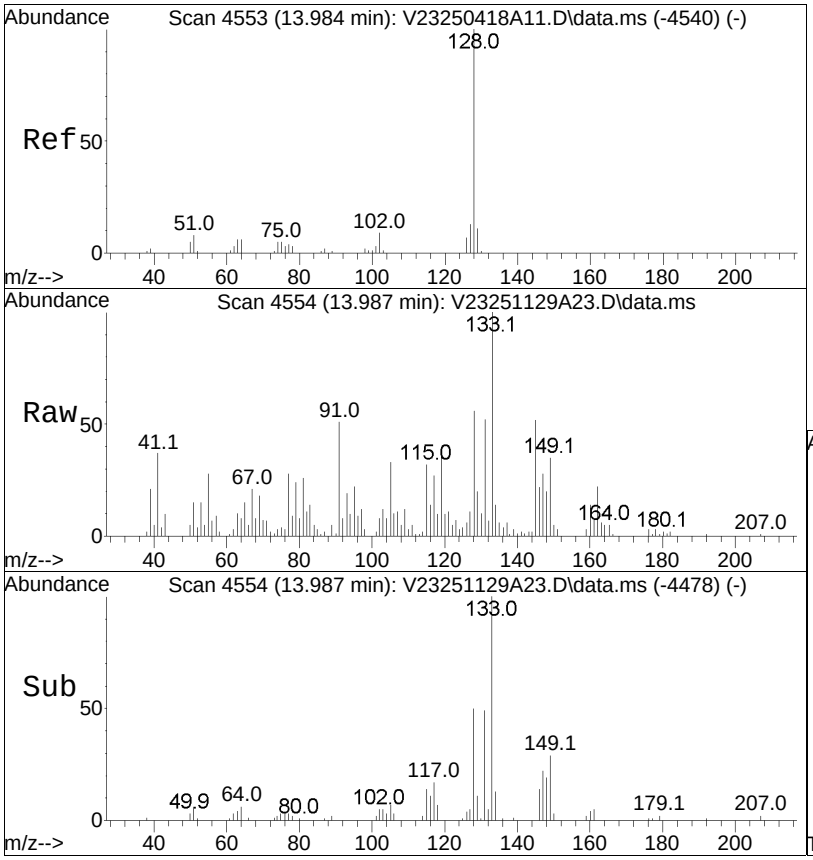


#105
1,2,4,5-Tetramethylbenzene
Concen: 22.18 ug/L
RT: 12.860 min Scan# 4150
Delta R.T. 0.000 min
Lab File: V23251129A23.D
Acq: 29 Nov 2025 07:22 pm

Tgt Ion:119 Resp: 277502

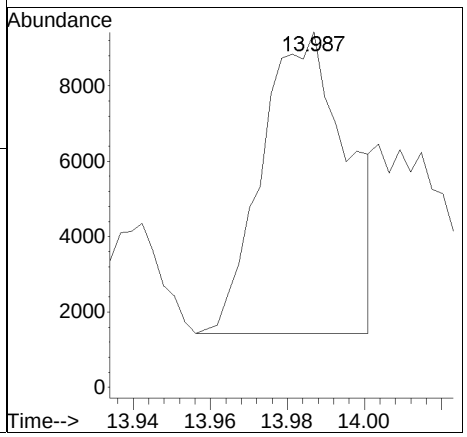
Ion	Ratio	Lower	Upper
119	100		
134	48.9	31.3	64.9
91	20.5	10.3	21.3





#110
Naphthalene
Concen: 1.36 ug/L
RT: 13.987 min Scan# 4554
Delta R.T. 0.011 min
Lab File: V23251129A23.D
Acq: 29 Nov 2025 07:22 pm

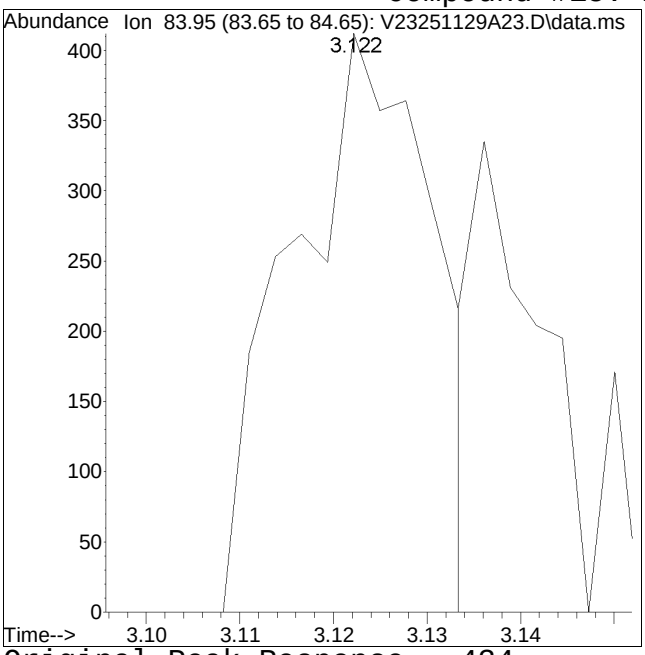
Tgt Ion:128 Resp: 12185



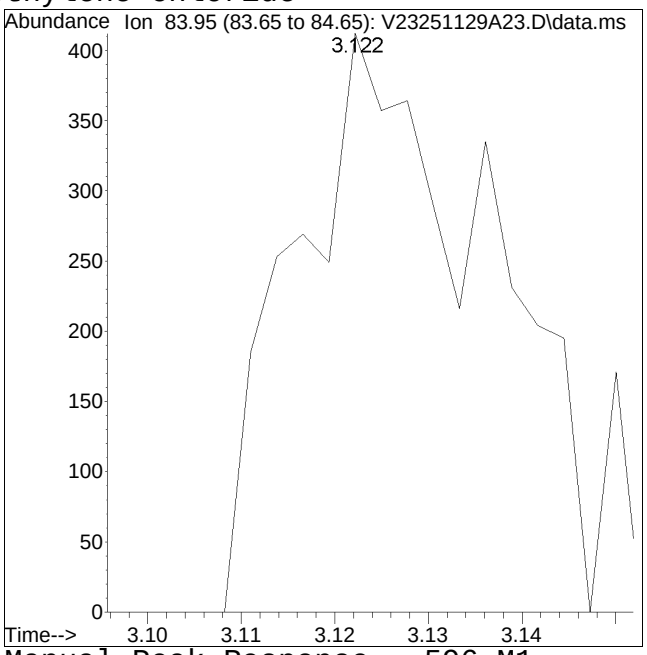
Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A23.D Operator : VOA123:JIC
Date Inj'd : 11/29/2025 7:22 pm Instrument : VOA123
Sample : L2574764-02,31H,5.00,5,0.1Quant Date : 11/30/2025 11:23 am

Compound #15: Methylene chloride



Original Peak Response = 434



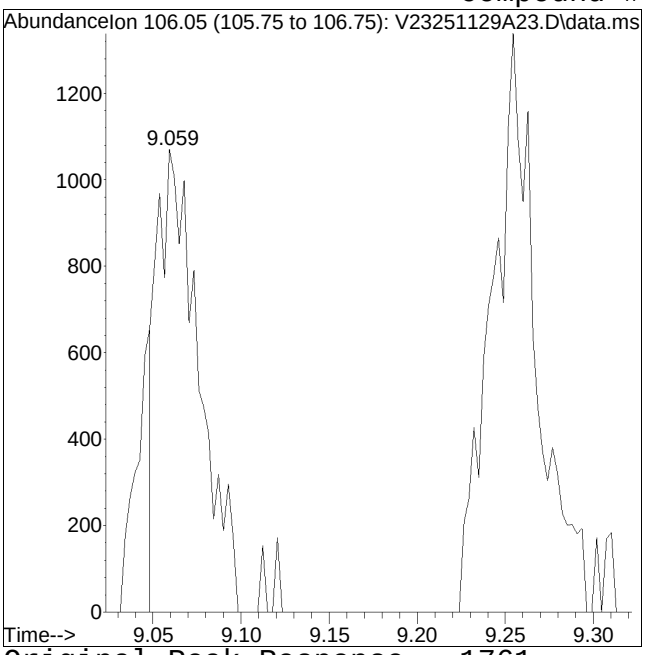
Manual Peak Response = 596 M1

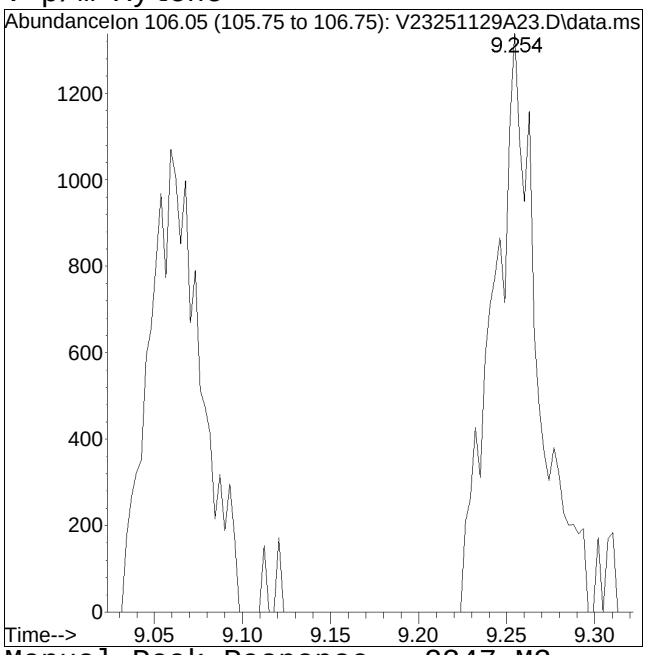
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A23.D Operator : VOA123:JIC
Date Inj'd : 11/29/2025 7:22 pm Instrument : VOA123
Sample : L2574764-02,31H,5.00,5,0.1Quant Date : 11/30/2025 11:23 am

Compound #76: p/m Xylene





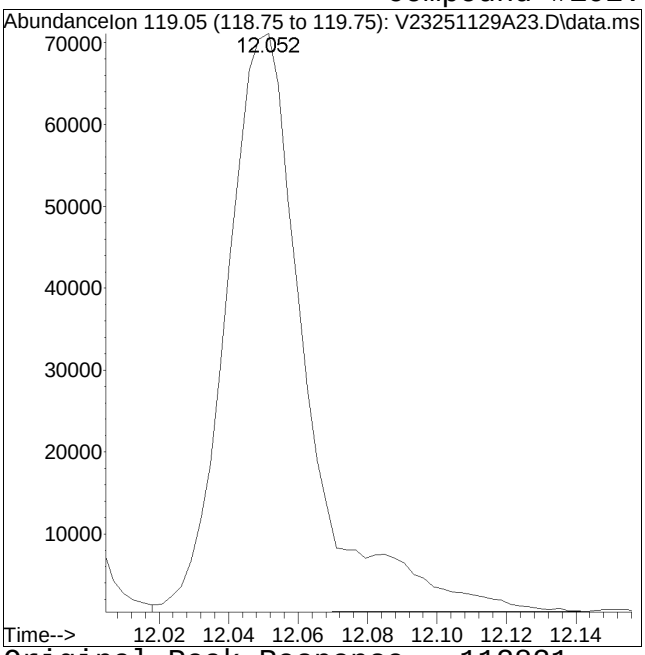
Original Peak Response = 1761 Manual Peak Response = 2347 M3

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

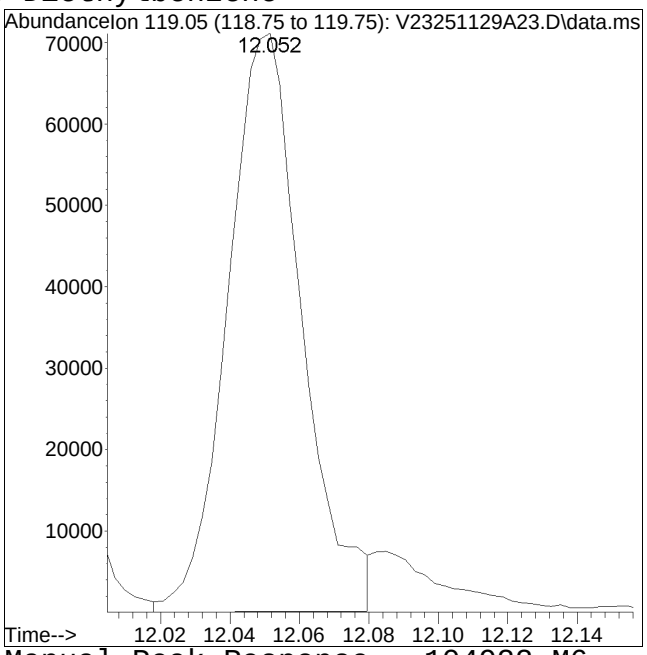
Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A23.D Operator : VOA123:JIC
Date Inj'd : 11/29/2025 7:22 pm Instrument : VOA123
Sample : L2574764-02,31H,5.00,5,0.1Quant Date : 11/30/2025 11:23 am

Compound #102: p-Diethylbenzene



Original Peak Response = 112821



Manual Peak Response = 104922 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A24.D
Acq On : 29 Nov 2025 07:48 pm
Operator : VOA123:JIC
Sample : L2574764-03,31H,5.31,5,0.100,,A,29.41,35.22,0
Misc : WG2148016,ICAL22792
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Nov 30 13:41:47 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.515	96	213458	20.000 ug/L	0.00
Standard Area 1 = 206936			Recovery = 103.15%		
59) Chlorobenzene-d5	8.992	117	157472	20.000 ug/L	0.00
Standard Area 1 = 154785			Recovery = 101.74%		
79) 1,4-Dichlorobenzene-d4	11.806	152	92448	20.000 ug/L	0.00
Standard Area 1 = 86212			Recovery = 107.23%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.734	113	48678	18.104 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 90.52%		
43) 1,2-Dichloroethane-d4	5.239	65	51143	18.583 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.91%		
60) Toluene-d8	7.177	98	243745	22.888 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 114.44%		
83) 4-Bromofluorobenzene	10.540	95	188986	45.725 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 228.63%#		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.307	85	69	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.959	94	186	0.105 ug/L	82
6) Chloroethane	2.057	64	65	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.637	76	1385	0.169 ug/L #	78
15) Methylene chloride	3.125	84	565M1	0.196 ug/L	
17) Acetone	3.158	43	83	Below Cal #	39
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D. d	
27) Vinyl acetate	0.000		0	N.D. d	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D. d	

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A24.D
Acq On : 29 Nov 2025 07:48 pm
Operator : VOA123:JIC
Sample : L2574764-03,31H,5.31,5,0.100,,A,29.41,35.22,0
Misc : WG2148016,ICAL22792
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Nov 30 13:41:47 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.	d	
50) Dibromomethane	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	6.212	63	85	N.D.		
54) Bromodichloromethane	0.000		0	N.D.	d	
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.400	92	289	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d	
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	8.292	76	70	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.	d	
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	0.000		0	N.D.	d	
74) Ethylbenzene	9.065	91	4692	0.354	ug/L #	73
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	9.254	106	2374	0.479	ug/L #	1
77) o Xylene	9.793	106	26	N.D.		
78) Styrene	9.991	104	27	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.197	105	2839	0.205	ug/L	65
84) Bromobenzene	10.671	156	62	N.D.		
85) n-Propylbenzene	10.705	91	677	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d	
88) 4-Ethyltoluene	0.000		0	N.D.	d	
89) 2-Chlorotoluene	0.000		0	N.D.	d	
90) 1,3,5-Trimethylbenzene	10.950	105	5449	0.447	ug/L #	83
91) 1,2,3-Trichloropropane	10.944	75	35	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
93) 4-Chlorotoluene	0.000		0	N.D.	d	
94) tert-Butylbenzene	11.296	119	235	N.D.		

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A24.D
Acq On : 29 Nov 2025 07:48 pm
Operator : VOA123:JIC
Sample : L2574764-03,31H,5.31,5,0.100,,A,29.41,35.22,0
Misc : WG2148016,ICAL22792
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Nov 30 13:41:47 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.391	105	12509	1.033	ug/L	94
98) sec-Butylbenzene	11.497	105	7270	0.477	ug/L #	49
99) p-Isopropyltoluene	11.664	119	132	N.D.		
100) 1,3-Dichlorobenzene	0.000		0	N.D.		
101) 1,4-Dichlorobenzene	0.000		0	N.D.		
102) p-Diethylbenzene	0.000		0	N.D.	d	
103) n-Butylbenzene	0.000		0	N.D.	d	
104) 1,2-Dichlorobenzene	12.149	146	423	N.D.		
105) 1,2,4,5-Tetramethylben...	12.866	119	3454	0.271	ug/L #	1
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	d	
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	13.691	180	69	N.D.		
110) Naphthalene	14.004	128	10355	1.132	ug/L	100
111) 1,2,3-Trichlorobenzene	14.179	180	198	N.D.		

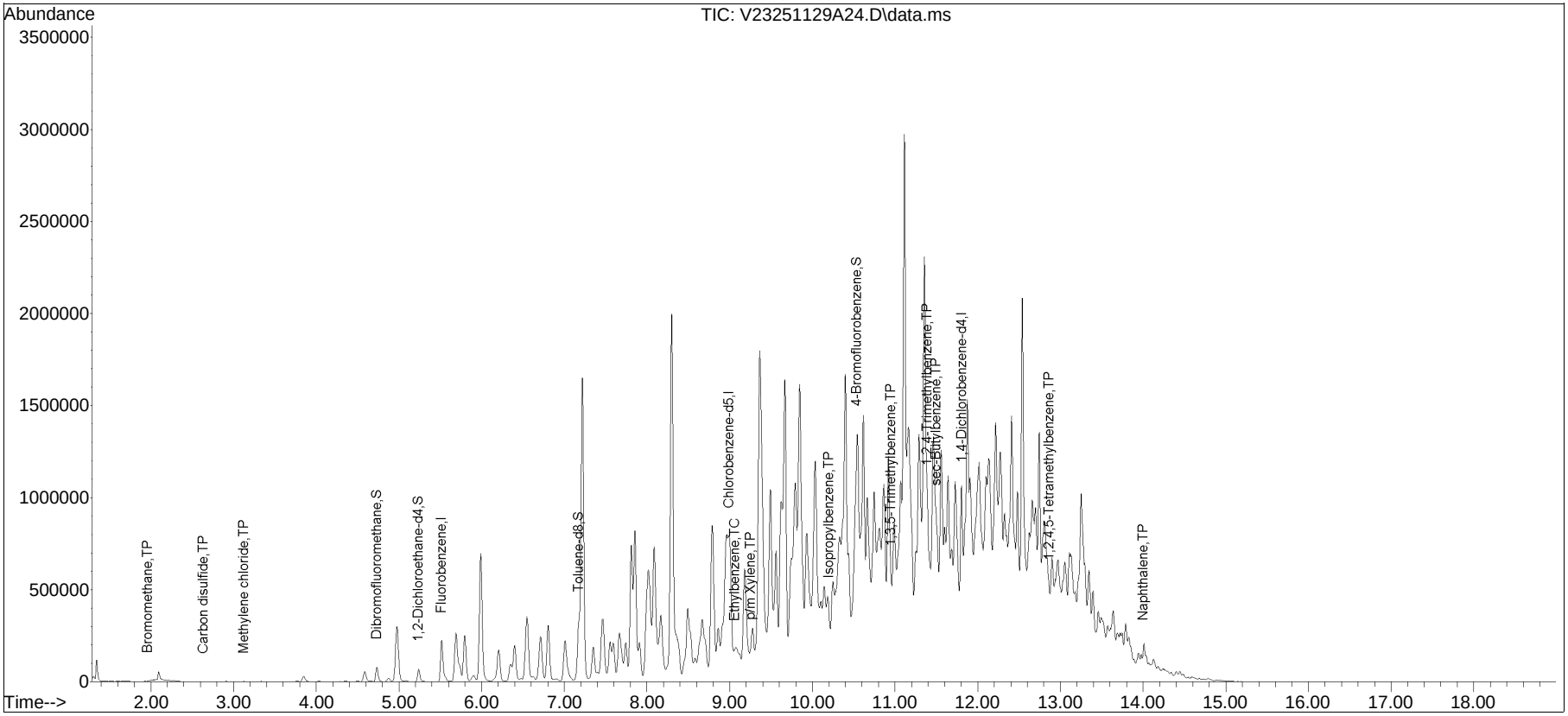
(#) = qualifier out of range (m) = manual integration (+) = signals summed

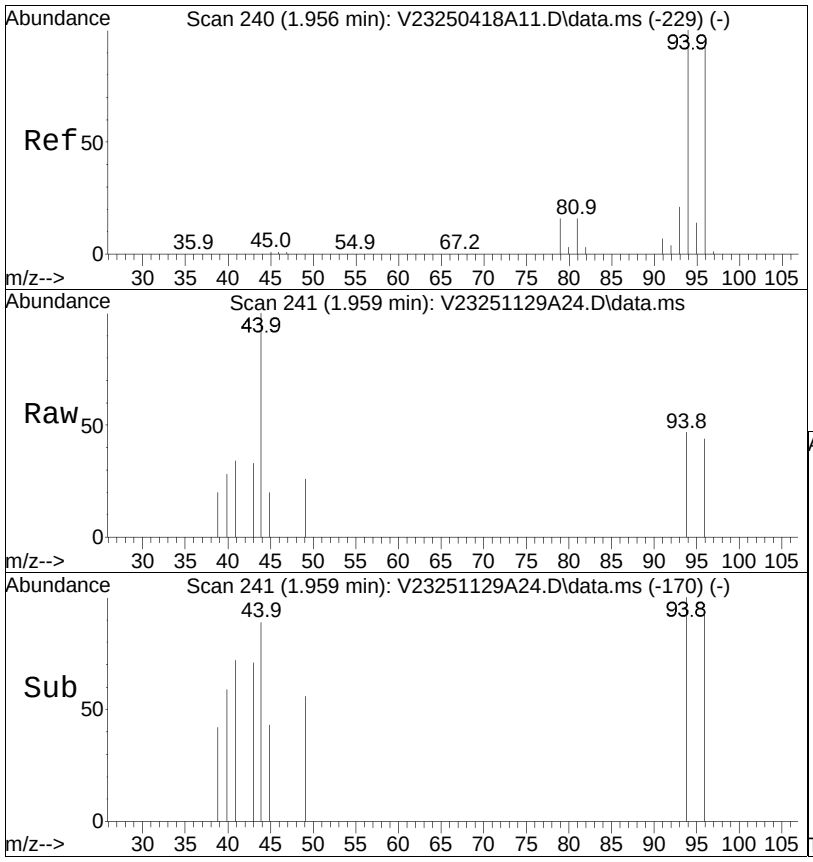
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A24.D
Acq On : 29 Nov 2025 07:48 pm
Operator : VOA123:JIC
Sample : L2574764-03,31H,5.31,5,0.100,,A,29.41,35.22,0
Misc : WG2148016,ICAL22792
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Nov 30 13:41:47 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251129A02.D•

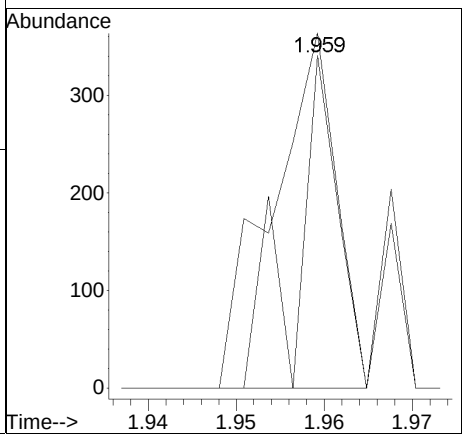


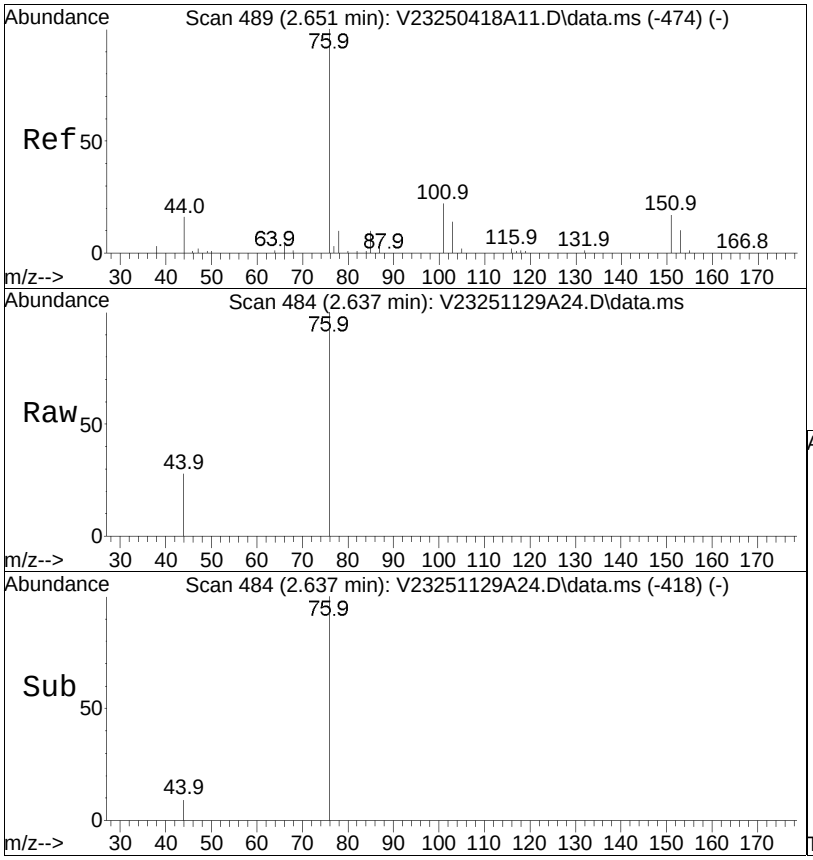


#5
Bromomethane
Concen: 0.10 ug/L
RT: 1.959 min Scan# 241
Delta R.T. -0.003 min
Lab File: V23251129A24.D
Acq: 29 Nov 2025 07:48 pm

Tgt Ion: 94 Resp: 186

Ion	Ratio	Lower	Upper
94	100		
96	77.4	74.6	114.6

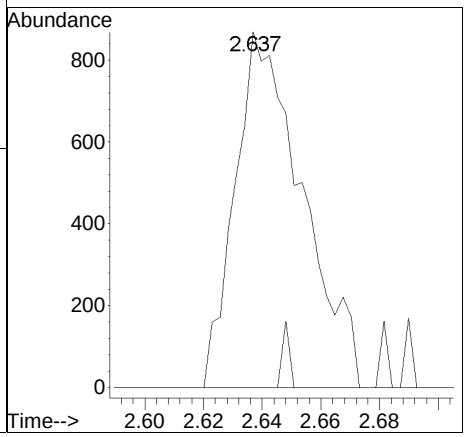


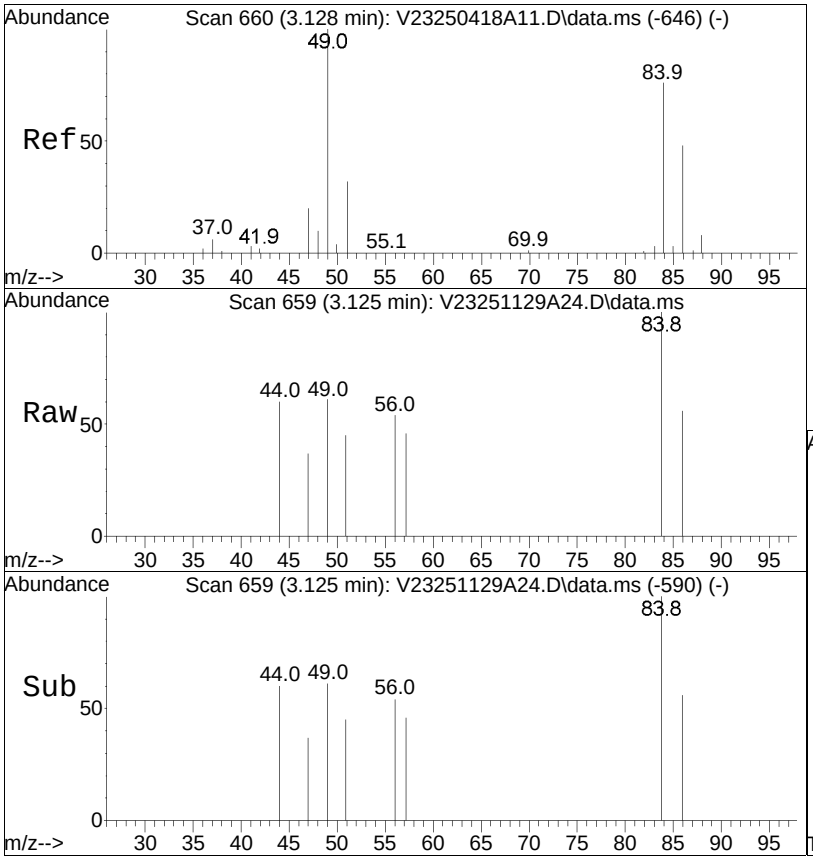


#11
Carbon disulfide
Concen: 0.17 ug/L
RT: 2.637 min Scan# 484
Delta R.T. -0.017 min
Lab File: V23251129A24.D
Acq: 29 Nov 2025 07:48 pm

Tgt Ion: 76 Resp: 1385

Ion	Ratio	Lower	Upper
76	100		
78	1.9	6.7	13.9#

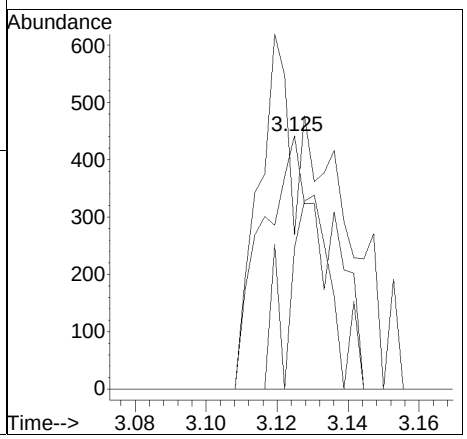


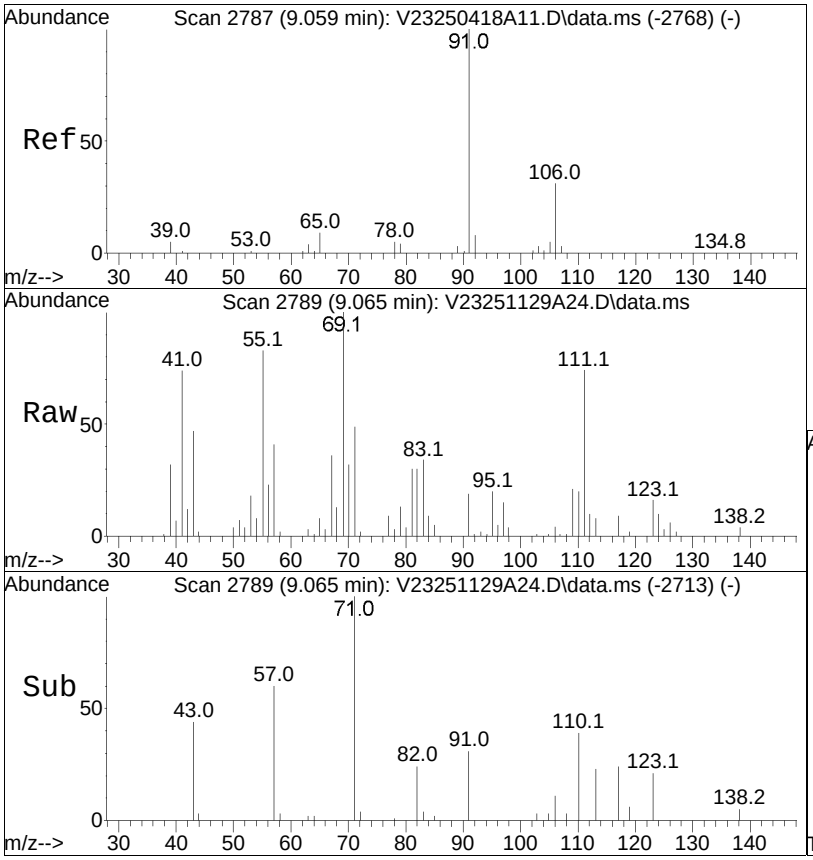


#15
Methylene chloride
Concen: 0.20 ug/L M1
RT: 3.125 min Scan# 659
Delta R.T. -0.008 min
Lab File: V23251129A24.D
Acq: 29 Nov 2025 07:48 pm

Tgt Ion: 84 Resp: 565

Ion	Ratio	Lower	Upper
84	100		
86	51.3	42.0	87.2
49	69.4	74.0	153.6#

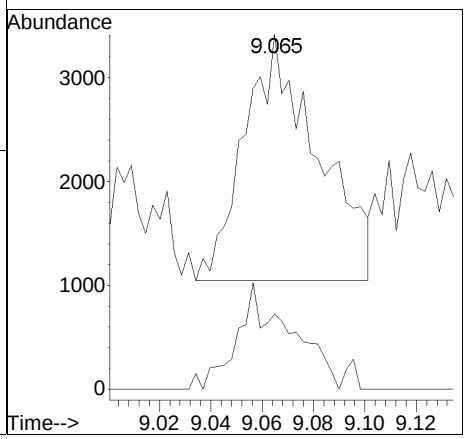


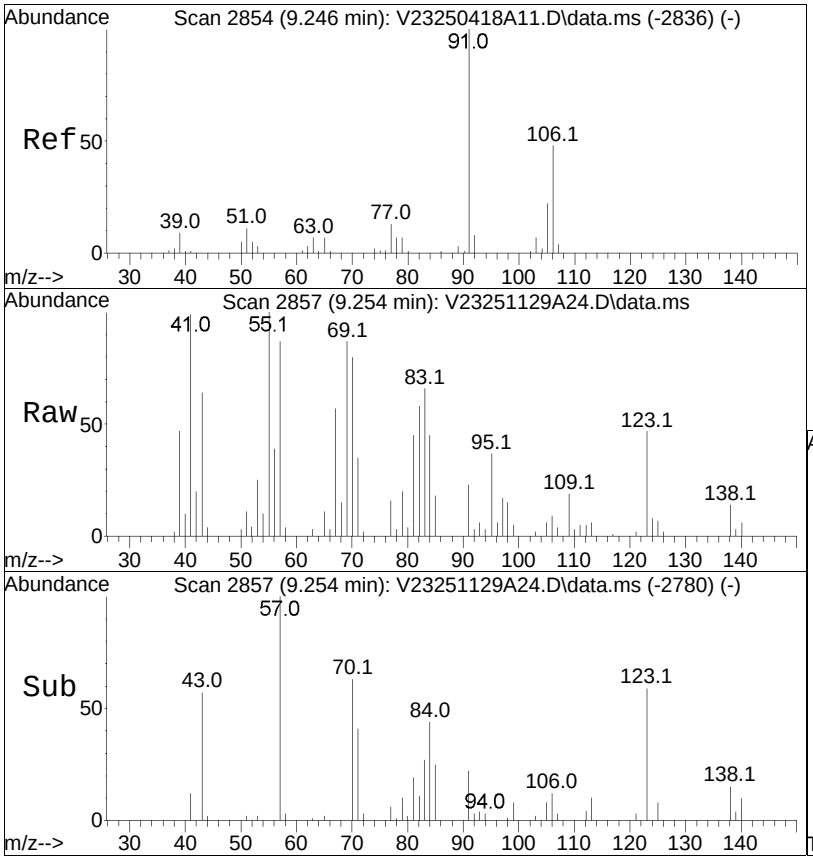


#74
Ethylbenzene
Concen: 0.35 ug/L
RT: 9.065 min Scan# 2789
Delta R.T. 0.011 min
Lab File: V23251129A24.D
Acq: 29 Nov 2025 07:48 pm

Tgt Ion: 91 Resp: 4692

Ion	Ratio	Lower	Upper
91	100		
106	16.3	25.2	37.8#

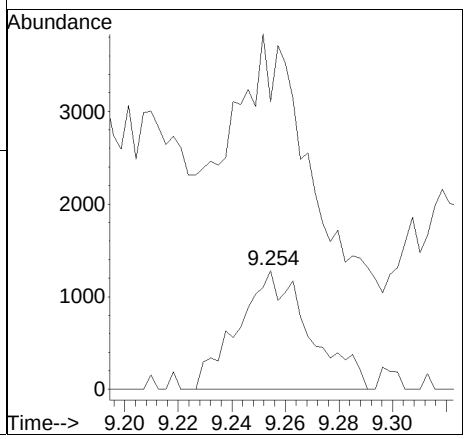


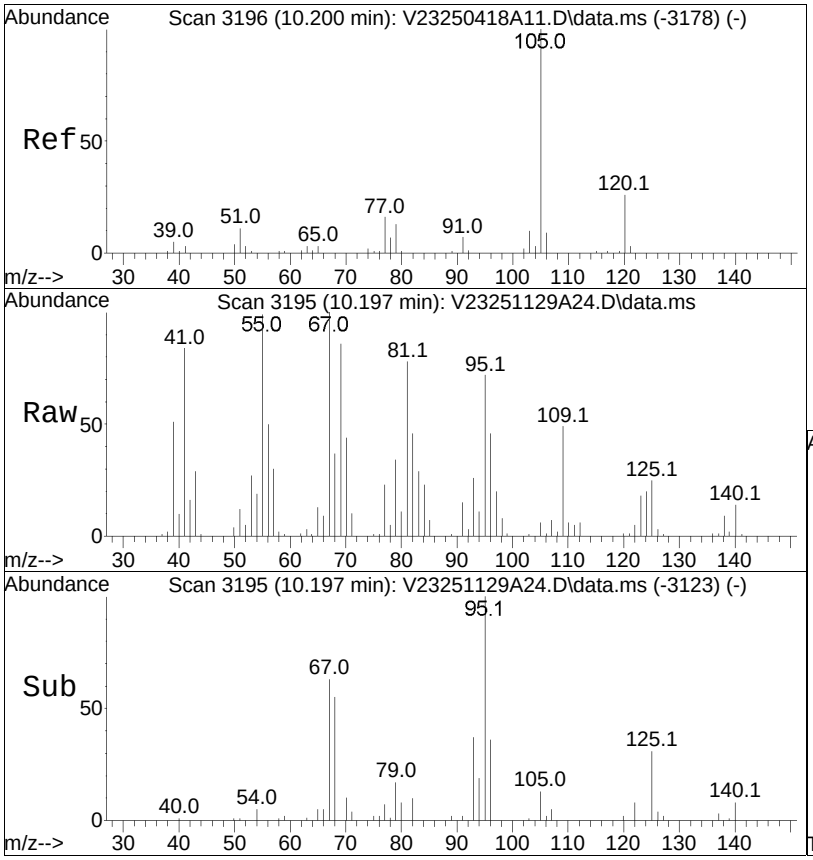


#76
p/m Xylene
Concen: 0.48 ug/L
RT: 9.254 min Scan# 2857
Delta R.T. 0.014 min
Lab File: V23251129A24.D
Acq: 29 Nov 2025 07:48 pm

Tgt Ion:106 Resp: 2374

Ion	Ratio	Lower	Upper
106	100		
91	34.9	160.4	240.6#

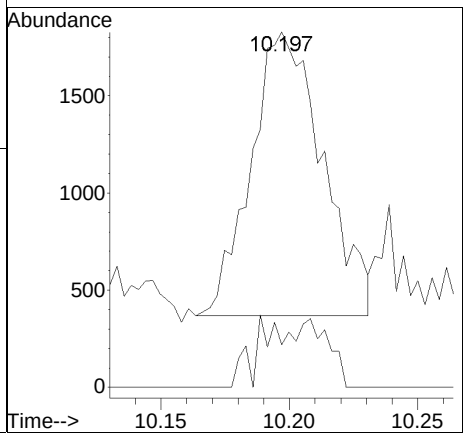


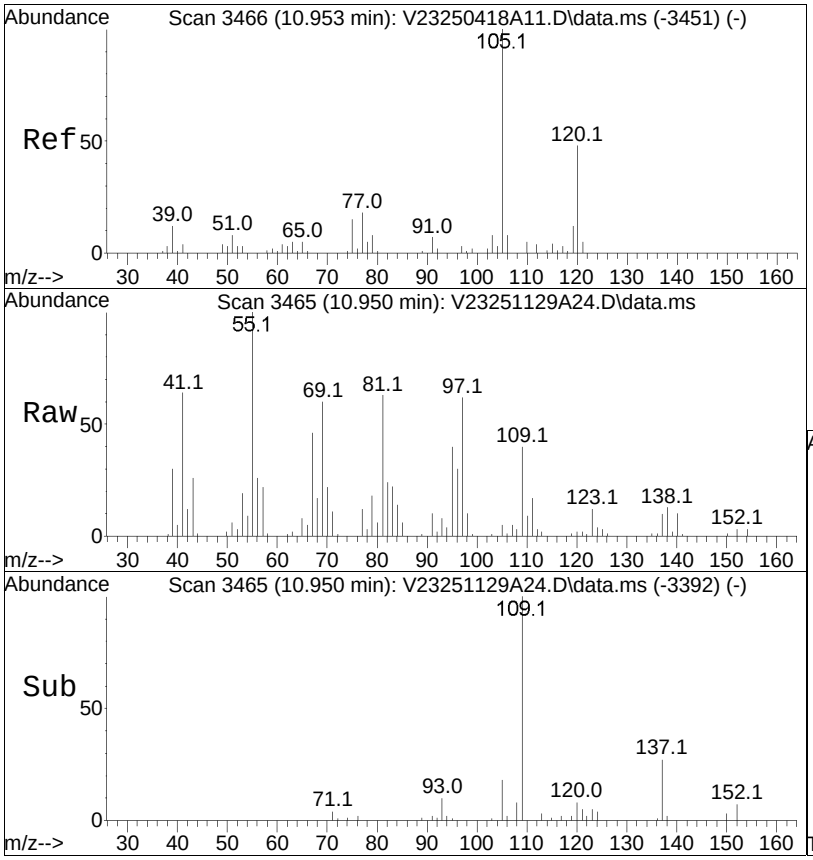


#82
Isopropylbenzene
Concen: 0.20 ug/L
RT: 10.197 min Scan# 3195
Delta R.T. -0.000 min
Lab File: V23251129A24.D
Acq: 29 Nov 2025 07:48 pm

Tgt Ion:105 Resp: 2839

Ion	Ratio	Lower	Upper
105	100		
120	8.8	6.6	46.6

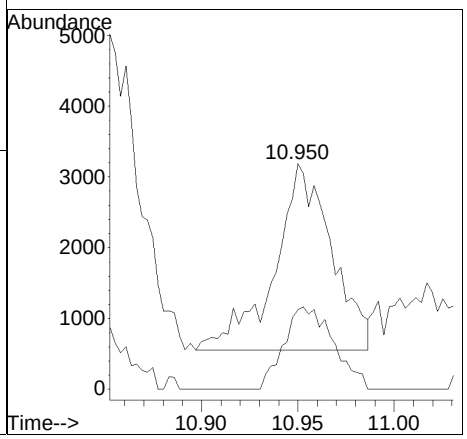


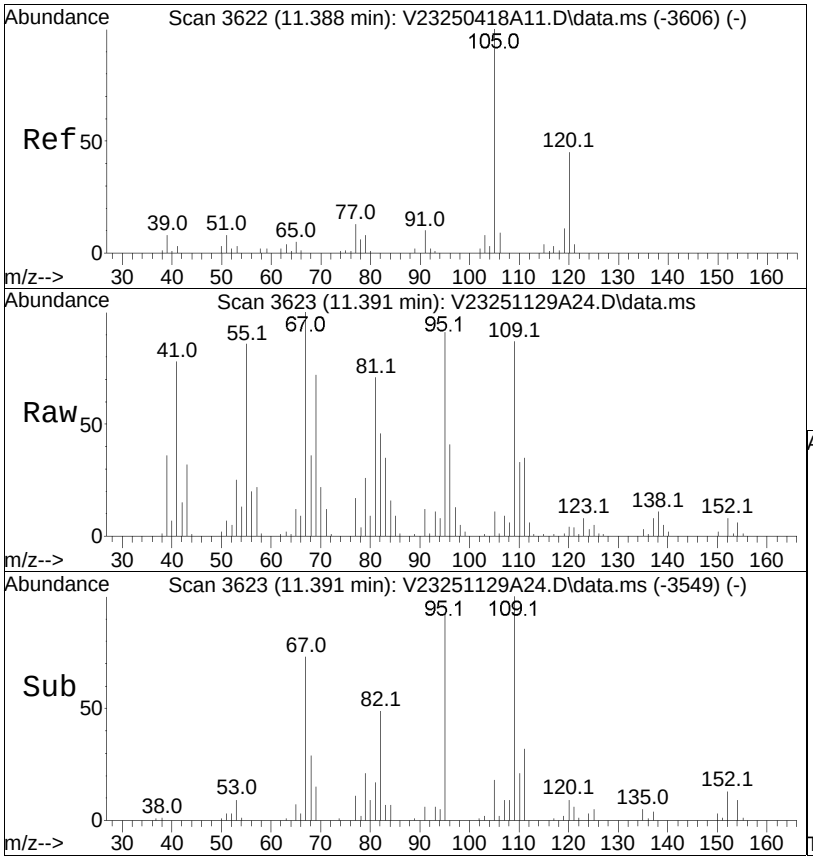


#90
1,3,5-Trimethylbenzene
Concen: 0.45 ug/L
RT: 10.950 min Scan# 3465
Delta R.T. 0.003 min
Lab File: V23251129A24.D
Acq: 29 Nov 2025 07:48 pm

Tgt Ion:105 Resp: 5449

Ion	Ratio	Lower	Upper
105	100		
120	38.2	39.9	59.9#

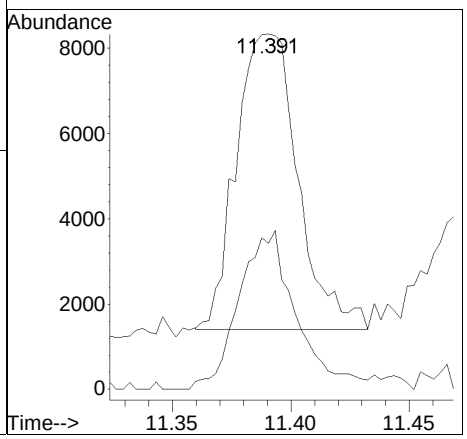


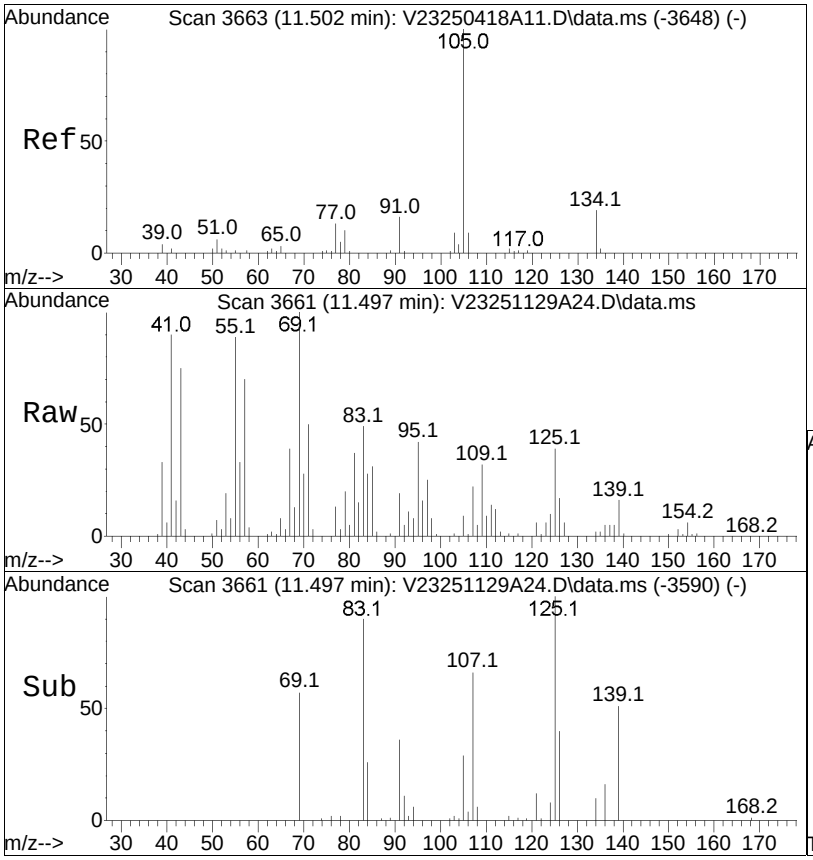


#97
1,2,4-Trimethylbenzene
Concen: 1.03 ug/L
RT: 11.391 min Scan# 3623
Delta R.T. 0.006 min
Lab File: V23251129A24.D
Acq: 29 Nov 2025 07:48 pm

Tgt Ion:105 Resp: 12509

Ion	Ratio	Lower	Upper
105	100		
120	49.8	36.9	55.3

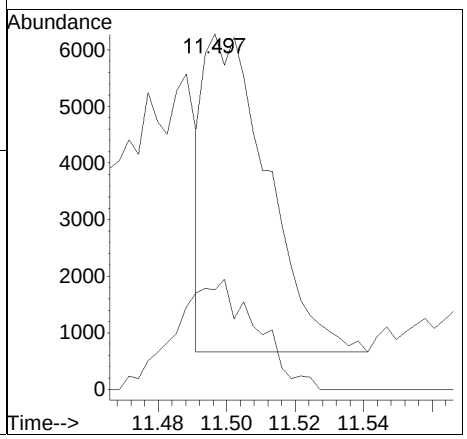


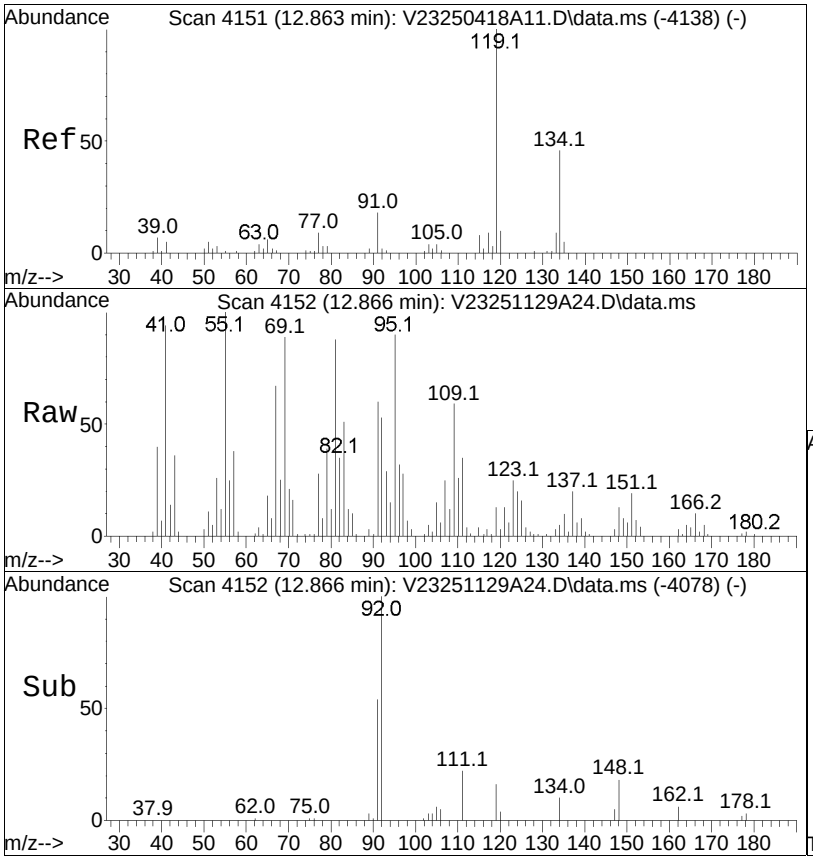


#98
sec-Butylbenzene
Concen: 0.48 ug/L
RT: 11.497 min Scan# 3661
Delta R.T. -0.003 min
Lab File: V23251129A24.D
Acq: 29 Nov 2025 07:48 pm

Tgt Ion:105 Resp: 7270

Ion	Ratio	Lower	Upper
105	100		
134	43.8	13.1	27.1#

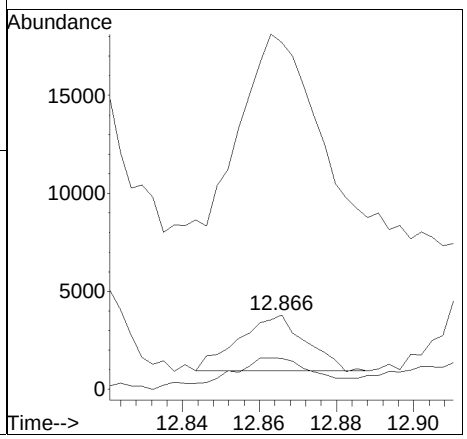


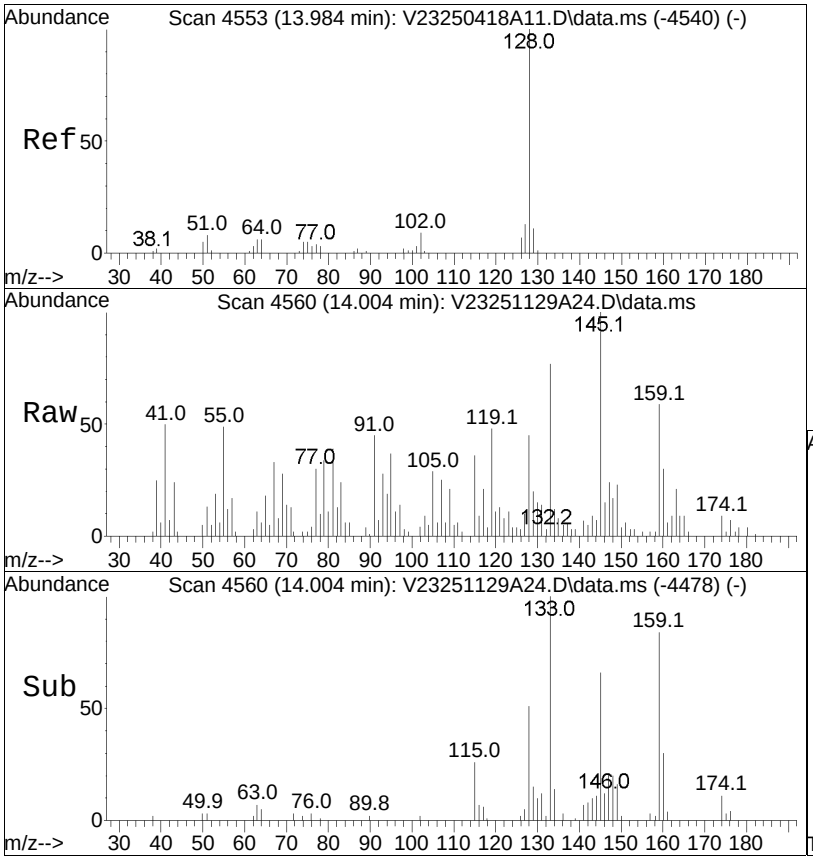


#105
1,2,4,5-Tetramethylbenzene
Concen: 0.27 ug/L
RT: 12.866 min Scan# 4152
Delta R.T. 0.006 min
Lab File: V23251129A24.D
Acq: 29 Nov 2025 07:48 pm

Tgt Ion:119 Resp: 3454

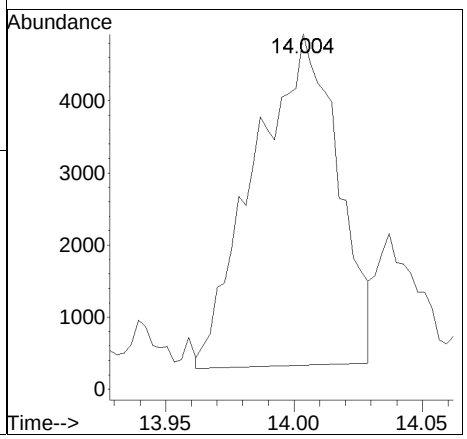
Ion	Ratio	Lower	Upper
119	100		
134	73.9	31.3	64.9#
91	508.1	10.3	21.3#





#110
Naphthalene
Concen: 1.13 ug/L
RT: 14.004 min Scan# 4560
Delta R.T. 0.028 min
Lab File: V23251129A24.D
Acq: 29 Nov 2025 07:48 pm

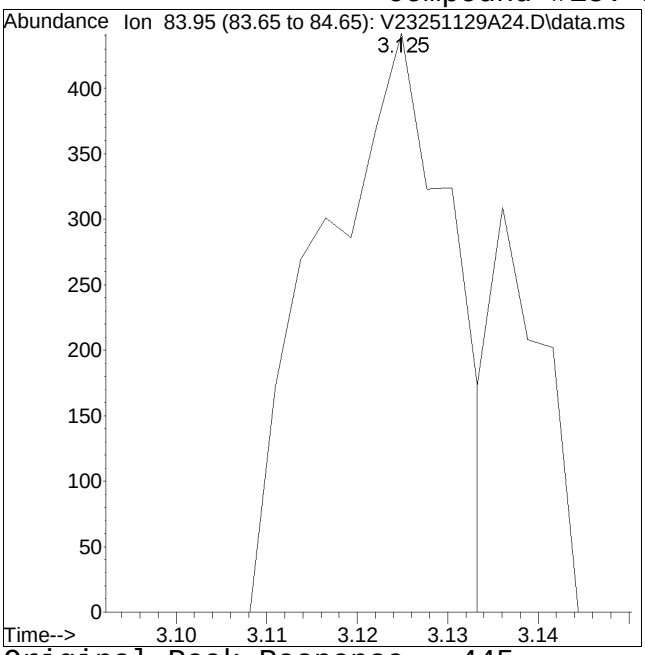
Tgt Ion:128 Resp: 10355

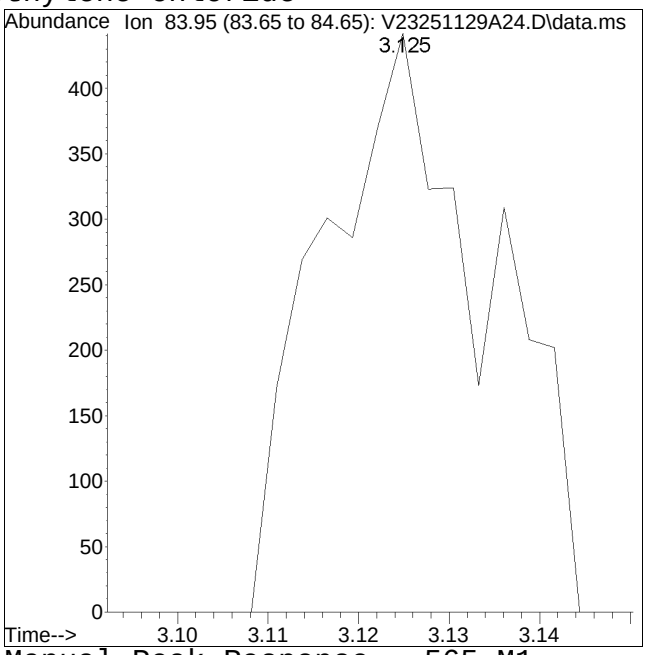


Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A24.D Operator : VOA123:JIC
Date Inj'd : 11/29/2025 7:48 pm Instrument : VOA123
Sample : L2574764-03,31H,5.31,5,0.1Quant Date : 11/30/2025 11:23 am

Compound #15: Methylene chloride





Original Peak Response = 445 Manual Peak Response = 565 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A25.D
Acq On : 29 Nov 2025 08:14 pm
Operator : VOA123:JIC
Sample : L2574764-06D,31H,5.92,5,0.025,,A,29.33,35.75,
Misc : WG2148016,ICAL22792
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 30 13:43:14 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.520	96	296158	20.000 ug/L	0.00
Standard Area 1 = 206936			Recovery = 143.12%		
59) Chlorobenzene-d5	8.995	117	175143	20.000 ug/L	0.00
Standard Area 1 = 154785			Recovery = 113.15%		
79) 1,4-Dichlorobenzene-d4	11.806	152	96350	20.000 ug/L	0.00
Standard Area 1 = 86212			Recovery = 111.76%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.734	113	51215	13.729 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 68.64%#		
43) 1,2-Dichloroethane-d4	5.241	65	75267	19.712 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.56%		
60) Toluene-d8	7.174	98	263274	22.228 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 111.14%		
83) 4-Bromofluorobenzene	10.540	95	144894	33.637 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 168.19%#		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.298	85	143	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	2.060	64	1594	0.597 ug/L	100
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.651	76	1512	0.133 ug/L #	72
15) Methylene chloride	0.000		0	N.D. d	
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	3.850	63	177	N.D.	
25) Acrylonitrile	0.000		0	N.D. d	
27) Vinyl acetate	0.000		0	N.D. d	
28) cis-1,2-Dichloroethene	4.302	96	65	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D. d	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D. d	

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A25.D
Acq On : 29 Nov 2025 08:14 pm
Operator : VOA123:JIC
Sample : L2574764-06D,31H,5.92,5,0.025,,A,29.33,35.75,
Misc : WG2148016,ICAL22792
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 30 13:43:14 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.			
37) 1,1,1-Trichloroethane	0.000		0	N.D.	d		
39) 2-Butanone	0.000		0	N.D.	d		
40) 1,1-Dichloropropene	4.873	75	27	N.D.			
41) Benzene	5.085	78	499	N.D.			
44) 1,2-Dichloroethane	0.000		0	N.D.	d		
48) Trichloroethene	0.000		0	N.D.	d		
50) Dibromomethane	0.000		0	N.D.	d		
51) 1,2-Dichloropropane	0.000		0	N.D.	d		
54) Bromodichloromethane	0.000		0	N.D.	d		
57) 1,4-Dioxane	0.000		0	N.D.			
58) cis-1,3-Dichloropropene	6.965	75	59	N.D.			
61) Toluene	7.233	92	4275	0.574	ug/L	#	8
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d		
63) Tetrachloroethene	0.000		0	N.D.			
65) trans-1,3-Dichloropropene	7.715	75	140	N.D.			
68) 1,1,2-Trichloroethane	0.000		0	N.D.	d		
69) Chlorodibromomethane	0.000		0	N.D.	d		
70) 1,3-Dichloropropane	8.183	76	27	N.D.			
71) 1,2-Dibromoethane	0.000		0	N.D.	d		
72) 2-Hexanone	0.000		0	N.D.	d		
73) Chlorobenzene	0.000		0	N.D.	d		
74) Ethylbenzene	9.056	91	5462308	370.611	ug/L		100
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
76) p/m Xylene	9.246	106	2124431	385.511	ug/L		99
77) o Xylene	9.787	106	3864	0.695	ug/L	#	25
78) Styrene	9.876	104	68	N.D.			
80) Bromoform	0.000		0	N.D.			
82) Isopropylbenzene	10.197	105	640240	44.328	ug/L		99
84) Bromobenzene	10.677	156	28	N.D.			
85) n-Propylbenzene	10.707	91	2641117	153.610	ug/L		99
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d		
88) 4-Ethyltoluene	10.844	105	3360472	234.865	ug/L		99
89) 2-Chlorotoluene	0.000		0	N.D.	d		
90) 1,3,5-Trimethylbenzene	10.950	105	2605688	205.300	ug/L		99
91) 1,2,3-Trichloropropane	0.000		0	N.D.	d		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d		
93) 4-Chlorotoluene	0.000		0	N.D.	d		
94) tert-Butylbenzene	0.000		0	N.D.	d		

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A25.D
Acq On : 29 Nov 2025 08:14 pm
Operator : VOA123:JIC
Sample : L2574764-06D,31H,5.92,5,0.025,,A,29.33,35.75,
Misc : WG2148016,ICAL22792
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 30 13:43:14 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.388	105	8904358	705.849	ug/L	99
98) sec-Butylbenzene	11.499	105	306653	19.290	ug/L #	56
99) p-Isopropyltoluene	11.664	119	251770	18.286	ug/L	98
100) 1,3-Dichlorobenzene	11.825	146	28	N.D.		
101) 1,4-Dichlorobenzene	11.825	146	28	N.D.		
102) p-Diethylbenzene	12.049	119	239978M6	29.439	ug/L	
103) n-Butylbenzene	12.110	91	624688	50.579	ug/L #	74
104) 1,2-Dichlorobenzene	12.297	146	502	N.D.		
105) 1,2,4,5-Tetramethylben...	12.860	119	1265426	95.336	ug/L	98
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D. d		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	13.688	180	85	N.D.		
110) Naphthalene	13.978	128	1195397	125.439	ug/L	100
111) 1,2,3-Trichlorobenzene	14.146	180	159	N.D.		

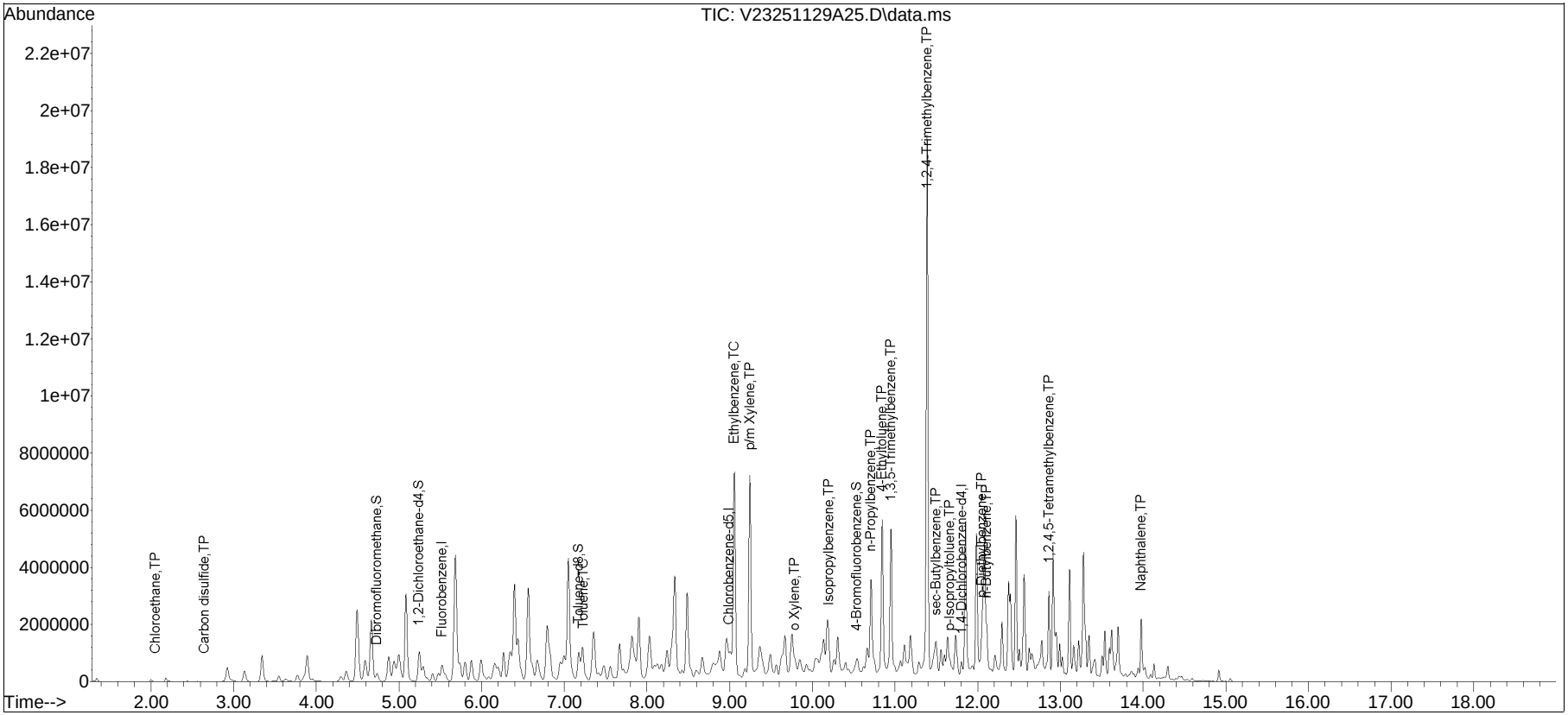
(#) = qualifier out of range (m) = manual integration (+) = signals summed

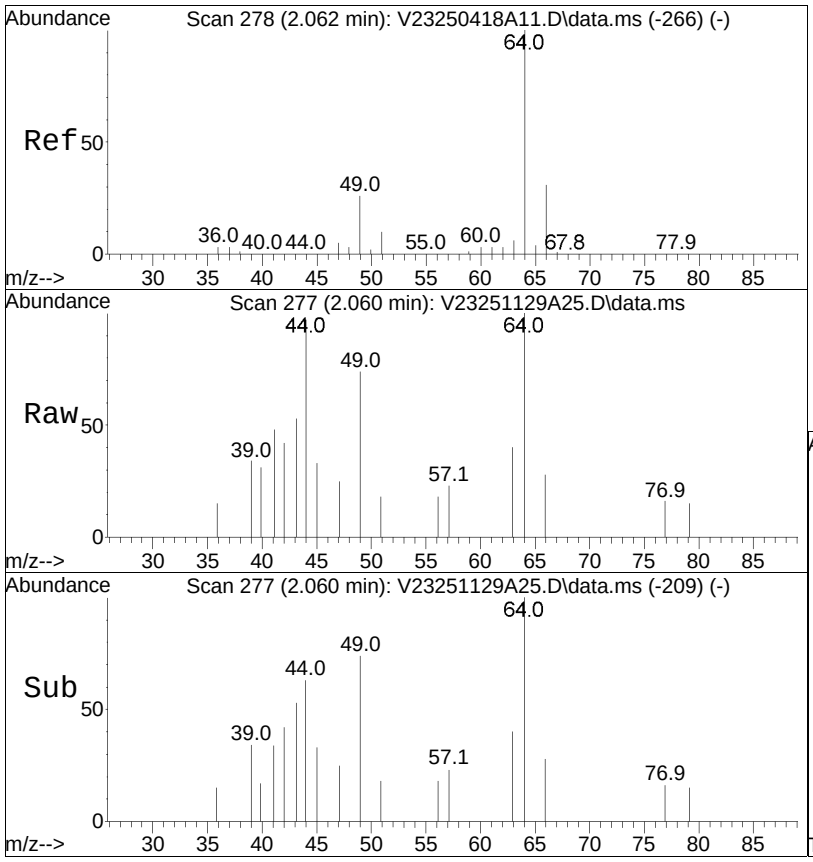
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A25.D
Acq On : 29 Nov 2025 08:14 pm
Operator : VOA123:JIC
Sample : L2574764-06D,31H,5.92,5,0.025,,A,29.33,35.75,
Misc : WG2148016,ICAL22792
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 30 13:43:14 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251129A02.D•

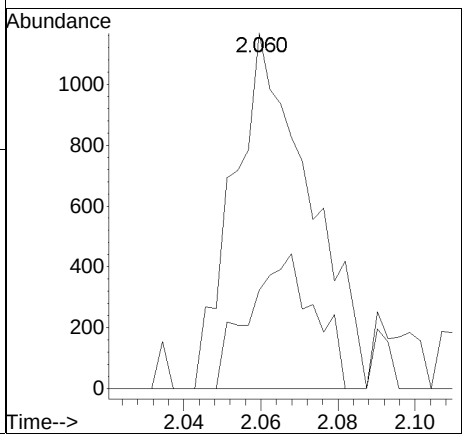


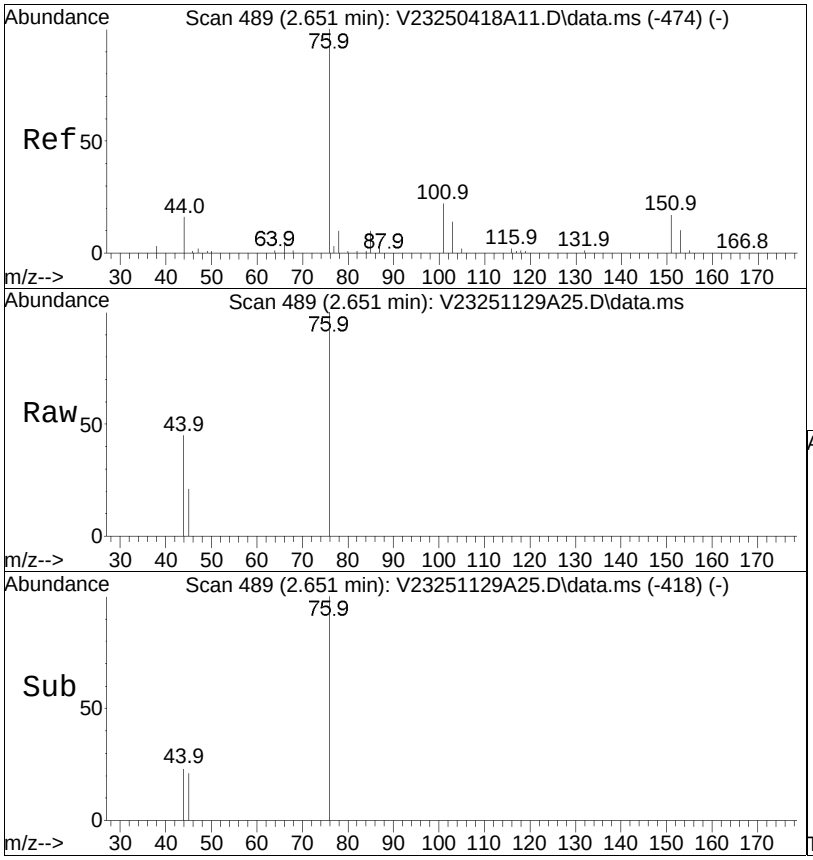


#6
Chloroethane
Concen: 0.60 ug/L
RT: 2.060 min Scan# 277
Delta R.T. -0.011 min
Lab File: V23251129A25.D
Acq: 29 Nov 2025 08:14 pm

Tgt Ion: 64 Resp: 1594

Ion	Ratio	Lower	Upper
64	100		
66	32.9	12.6	52.6

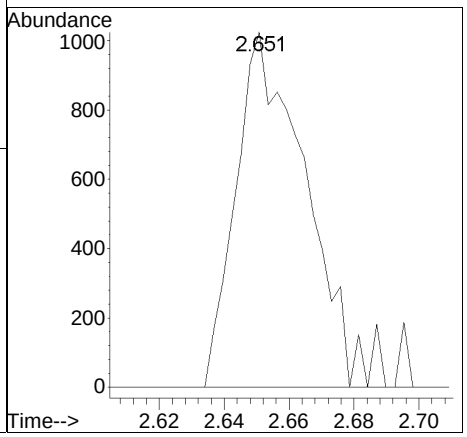


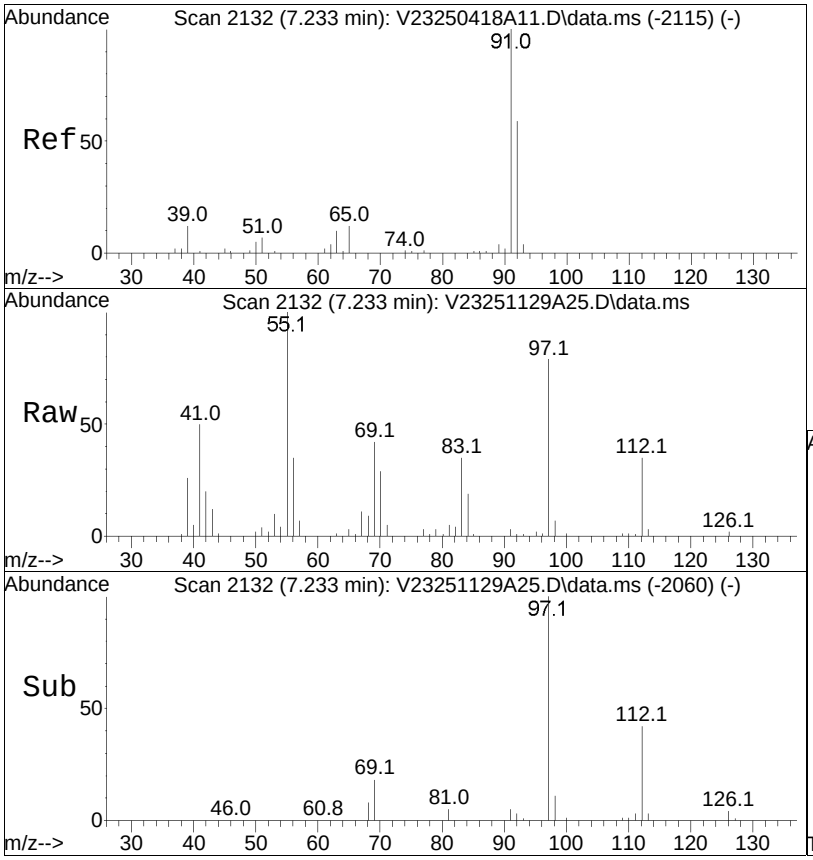


#11
Carbon disulfide
Concen: 0.13 ug/L
RT: 2.651 min Scan# 489
Delta R.T. -0.003 min
Lab File: V23251129A25.D
Acq: 29 Nov 2025 08:14 pm

Tgt Ion: 76 Resp: 1512

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.7	13.9#

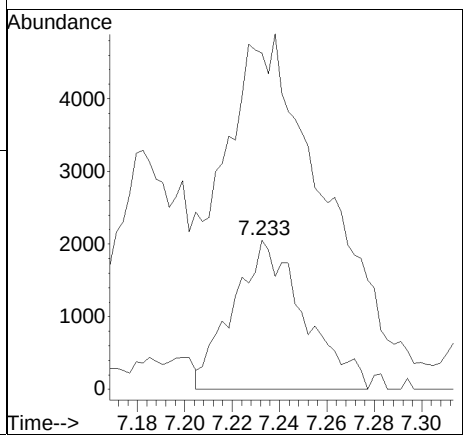


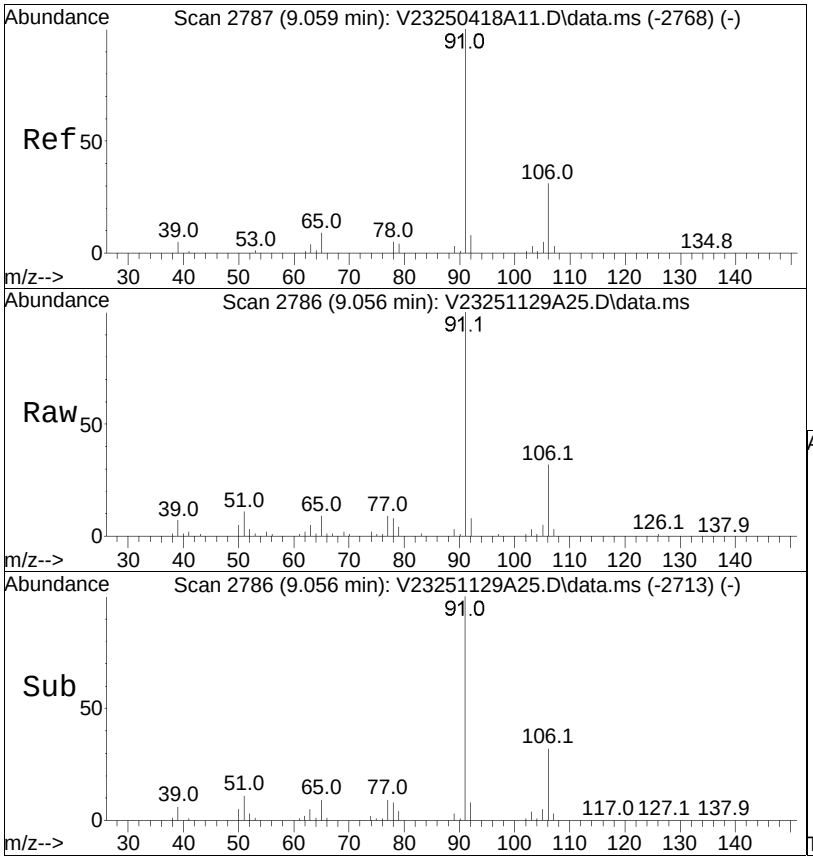


#61
Toluene
Concen: 0.57 ug/L
RT: 7.233 min Scan# 2132
Delta R.T. -0.000 min
Lab File: V23251129A25.D
Acq: 29 Nov 2025 08:14 pm

Tgt Ion: 92 Resp: 4275

Ion	Ratio	Lower	Upper
92	100		
91	297.3	136.4	204.6#

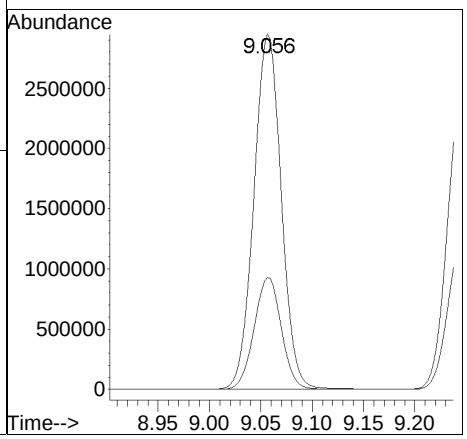


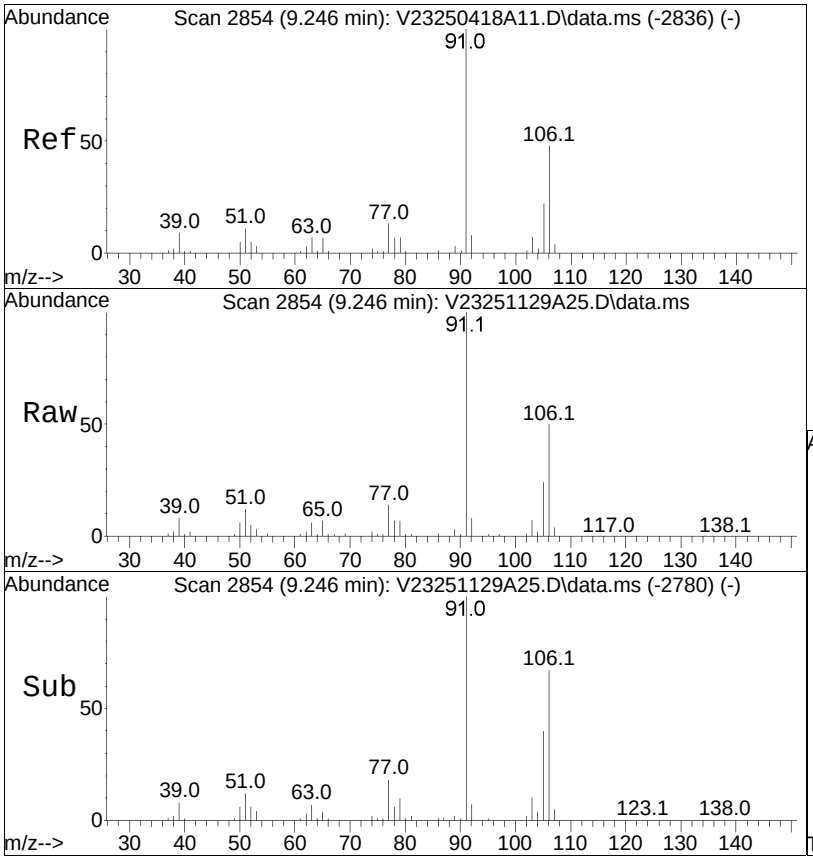


#74
Ethylbenzene
Concen: 370.61 ug/L
RT: 9.056 min Scan# 2786
Delta R.T. 0.003 min
Lab File: V23251129A25.D
Acq: 29 Nov 2025 08:14 pm

Tgt Ion: 91 Resp: 5462308

Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.2	37.8

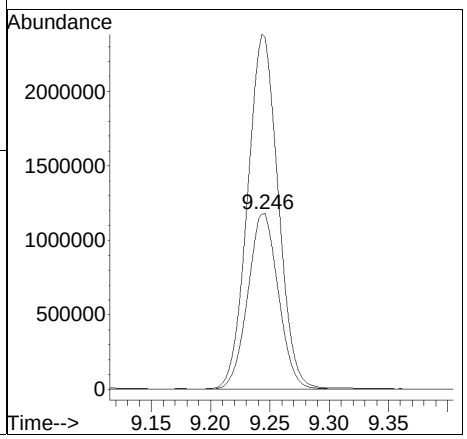


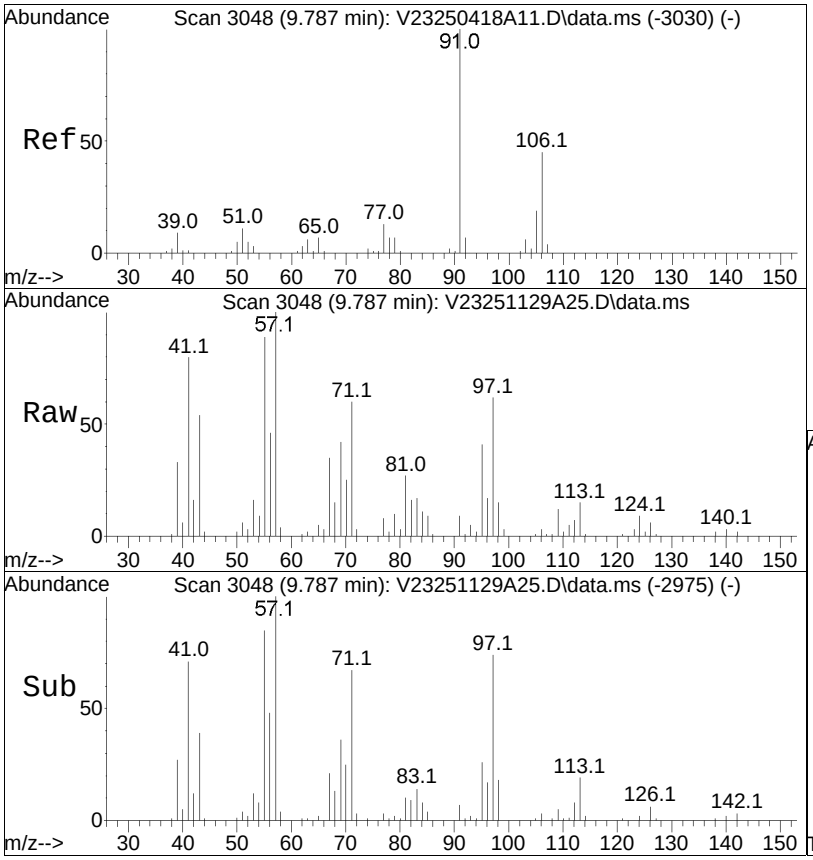


#76
p/m Xylene
Concen: 385.51 ug/L
RT: 9.246 min Scan# 2854
Delta R.T. 0.005 min
Lab File: V23251129A25.D
Acq: 29 Nov 2025 08:14 pm

Tgt Ion:106 Resp: 2124431

Ion	Ratio	Lower	Upper
106	100		
91	201.4	160.4	240.6

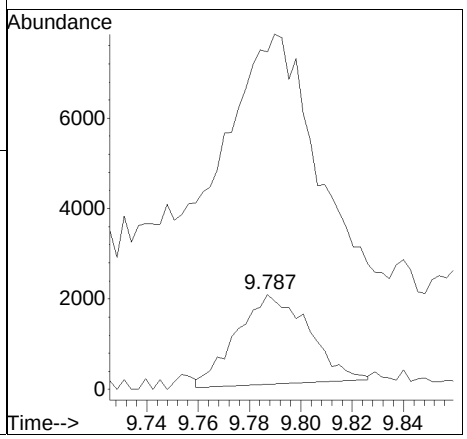


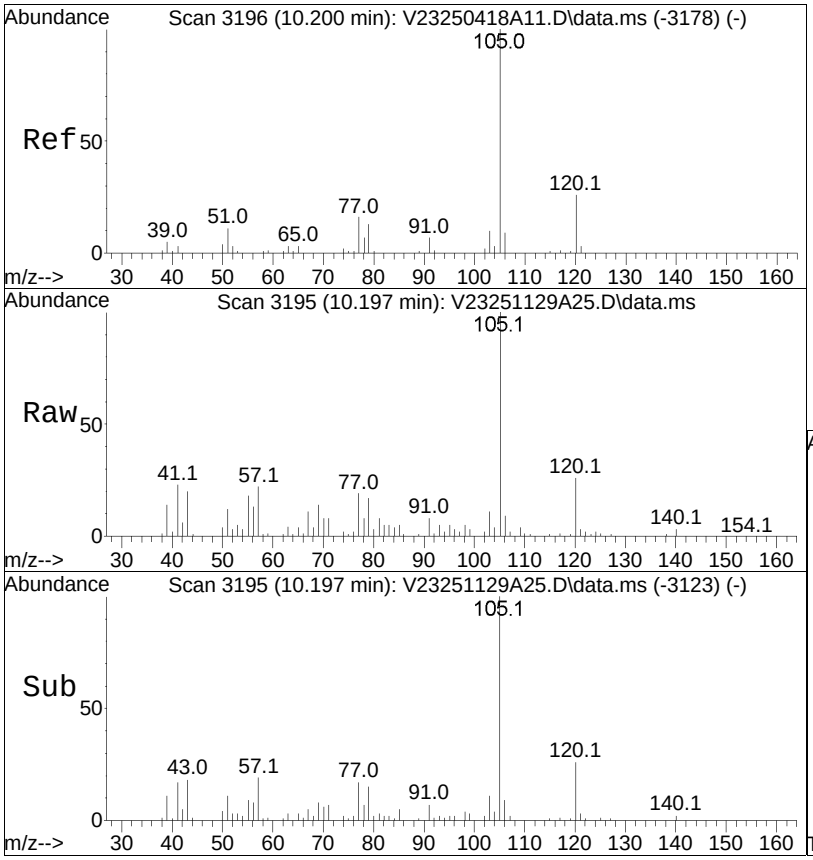


#77
o Xylene
Concen: 0.69 ug/L
RT: 9.787 min Scan# 3048
Delta R.T. 0.003 min
Lab File: V23251129A25.D
Acq: 29 Nov 2025 08:14 pm

Tgt Ion:106 Resp: 3864

Ion	Ratio	Lower	Upper
106	100		
91	330.2	169.6	254.4#

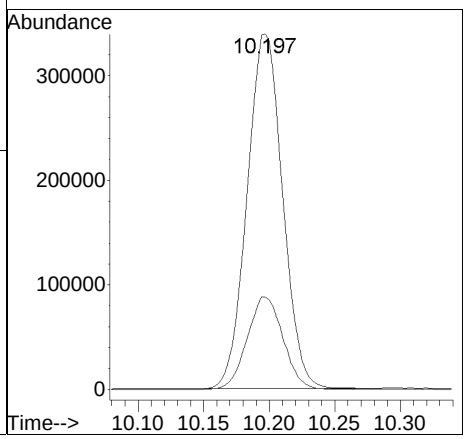


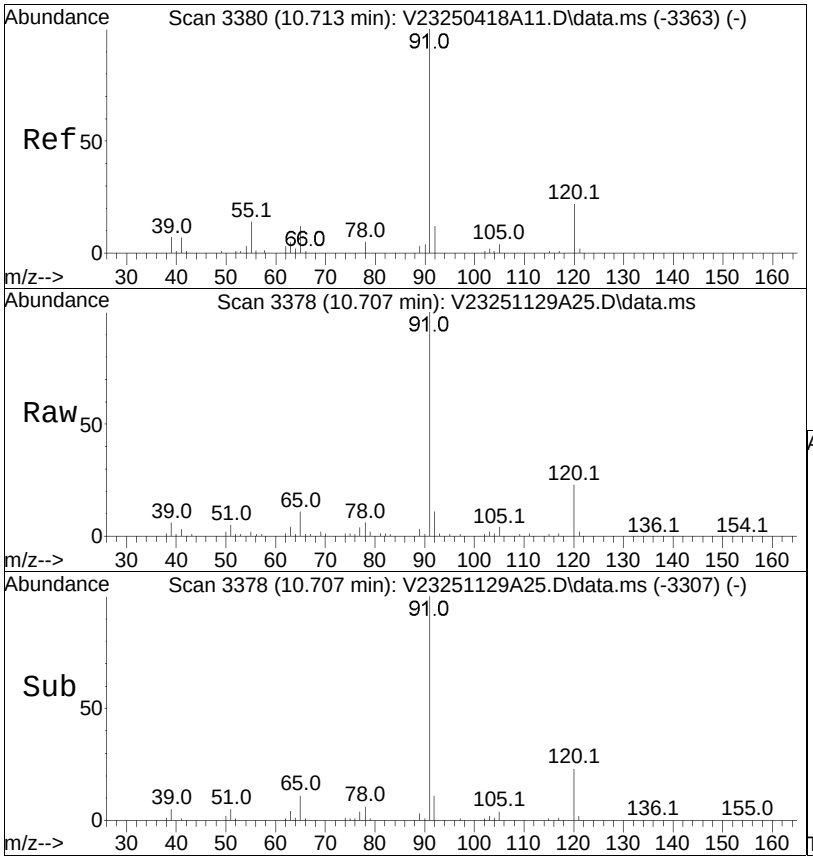


#82
Isopropylbenzene
Concen: 44.33 ug/L
RT: 10.197 min Scan# 3195
Delta R.T. -0.000 min
Lab File: V23251129A25.D
Acq: 29 Nov 2025 08:14 pm

Tgt Ion:105 Resp: 640240

Ion	Ratio	Lower	Upper
105	100		
120	26.3	6.6	46.6

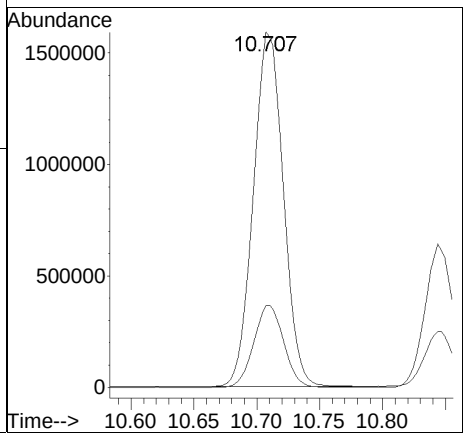


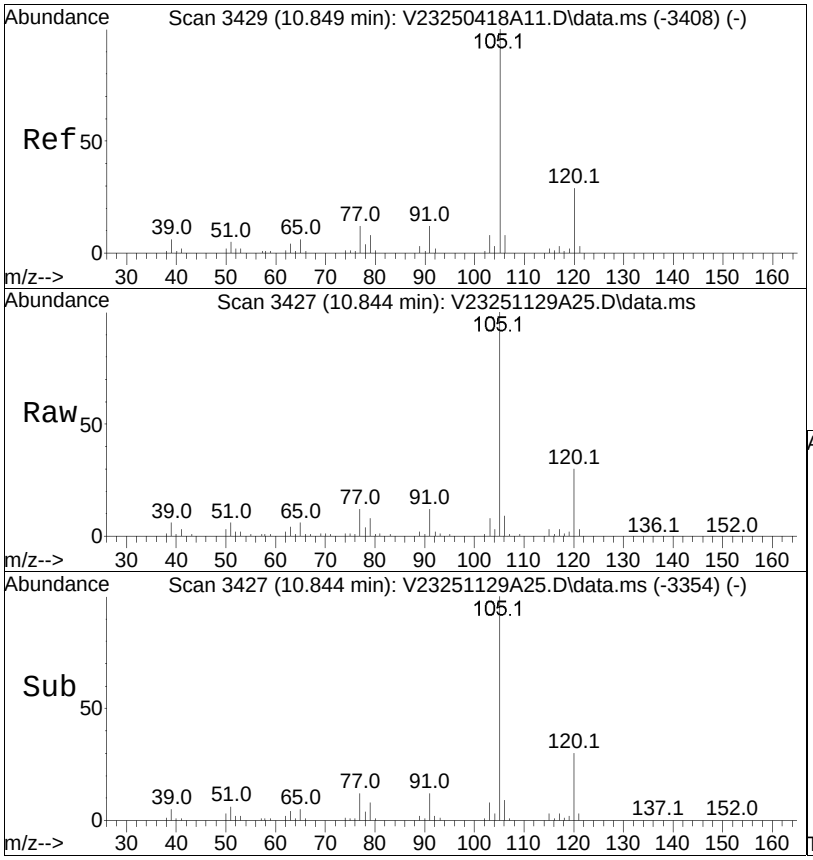


#85
n-Propylbenzene
Concen: 153.61 ug/L
RT: 10.707 min Scan# 3378
Delta R.T. -0.003 min
Lab File: V23251129A25.D
Acq: 29 Nov 2025 08:14 pm

Tgt Ion: 91 Resp: 2641117

Ion	Ratio	Lower	Upper
91	100		
120	23.0	18.2	27.2

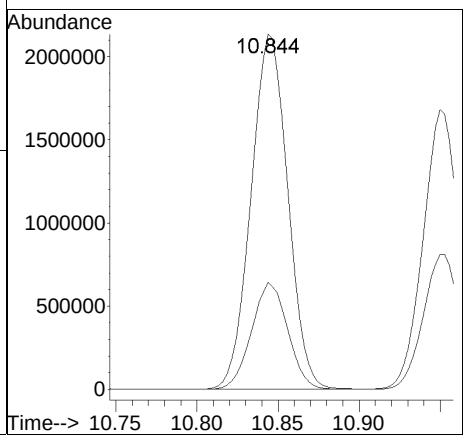


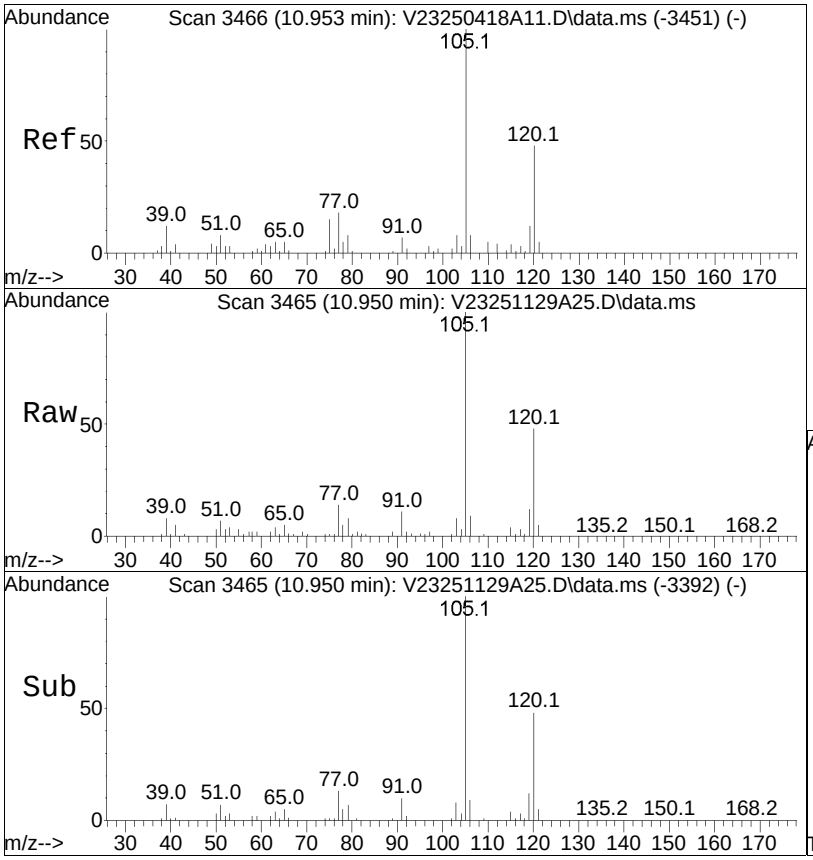


#88
4-Ethyltoluene
Concen: 234.86 ug/L
RT: 10.844 min Scan# 3427
Delta R.T. 0.003 min
Lab File: V23251129A25.D
Acq: 29 Nov 2025 08:14 pm

Tgt Ion:105 Resp: 3360472

Ion	Ratio	Lower	Upper
105	100		
120	29.6	19.4	40.4

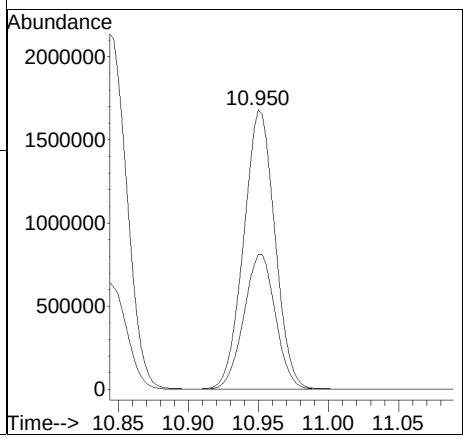


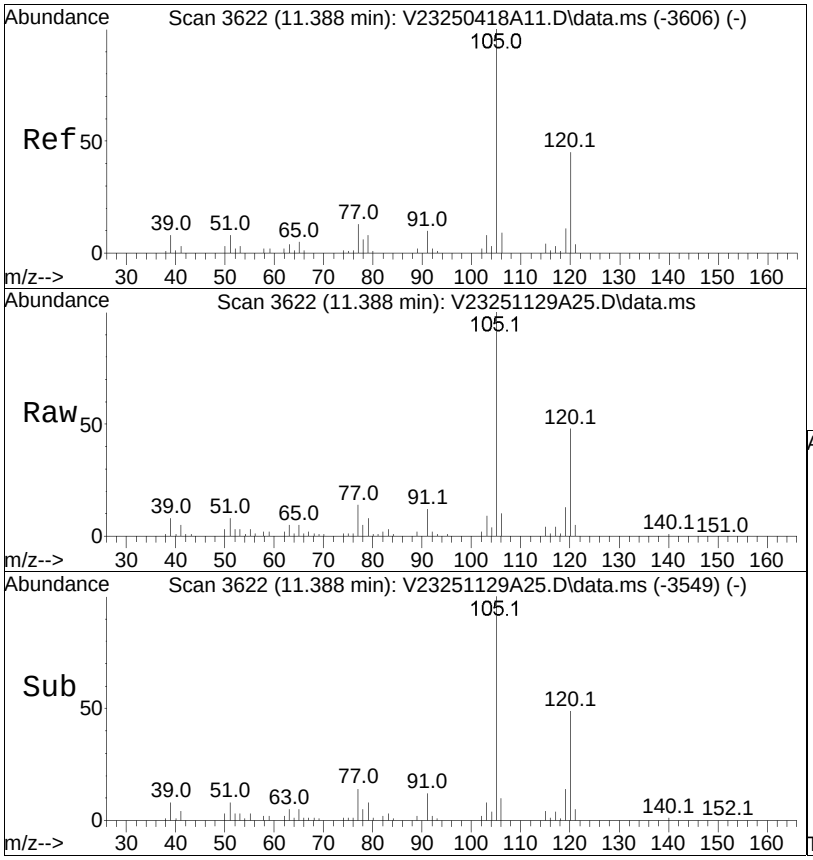


#90
1,3,5-Trimethylbenzene
Concen: 205.30 ug/L
RT: 10.950 min Scan# 3465
Delta R.T. 0.003 min
Lab File: V23251129A25.D
Acq: 29 Nov 2025 08:14 pm

Tgt Ion:105 Resp: 2605688

Ion	Ratio	Lower	Upper
105	100		
120	48.9	39.9	59.9

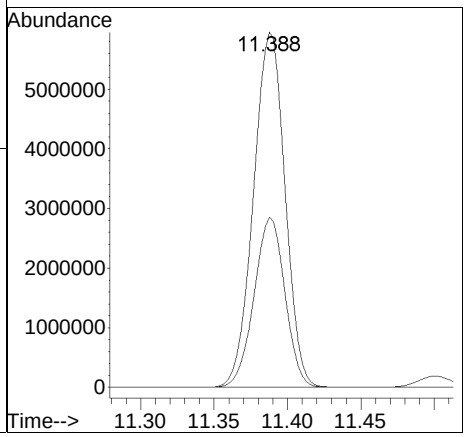


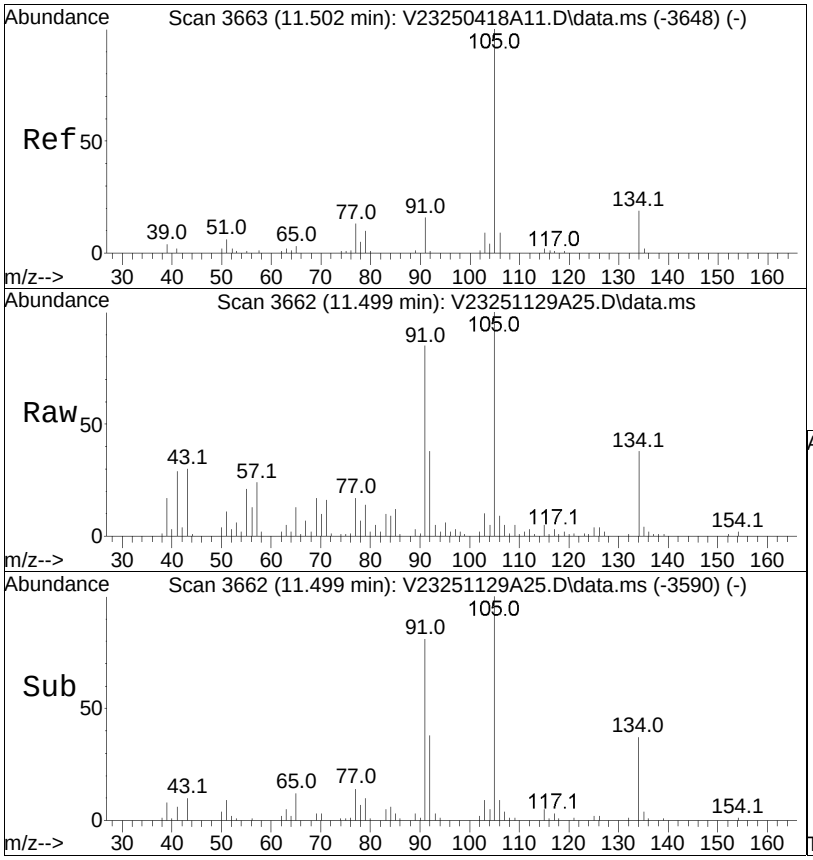


#97
1,2,4-Trimethylbenzene
Concen: 705.85 ug/L
RT: 11.388 min Scan# 3622
Delta R.T. 0.003 min
Lab File: V23251129A25.D
Acq: 29 Nov 2025 08:14 pm

Tgt Ion:105 Resp: 8904358

Ion	Ratio	Lower	Upper
105	100		
120	46.9	36.9	55.3

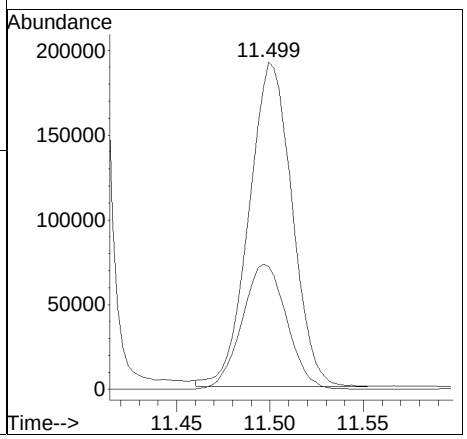


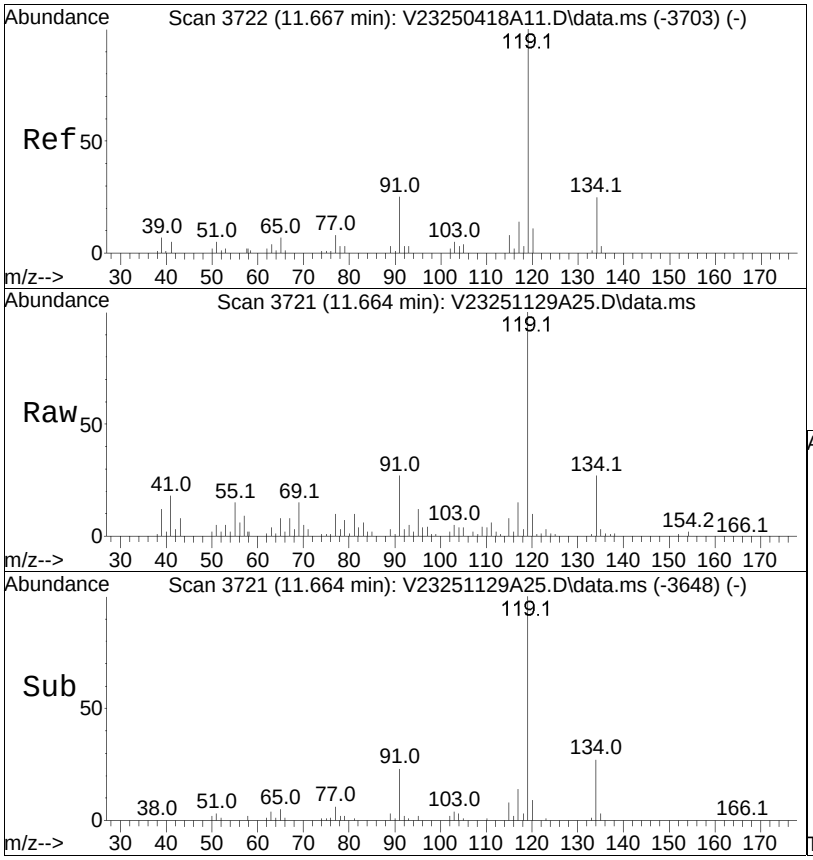


#98
sec-Butylbenzene
Concen: 19.29 ug/L
RT: 11.499 min Scan# 3662
Delta R.T. -0.000 min
Lab File: V23251129A25.D
Acq: 29 Nov 2025 08:14 pm

Tgt Ion:105 Resp: 306653

Ion	Ratio	Lower	Upper
105	100		
134	40.3	13.1	27.1#

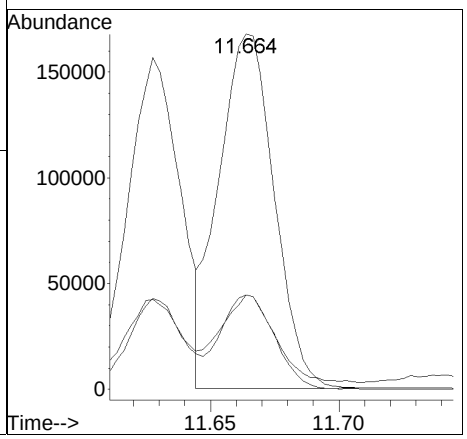


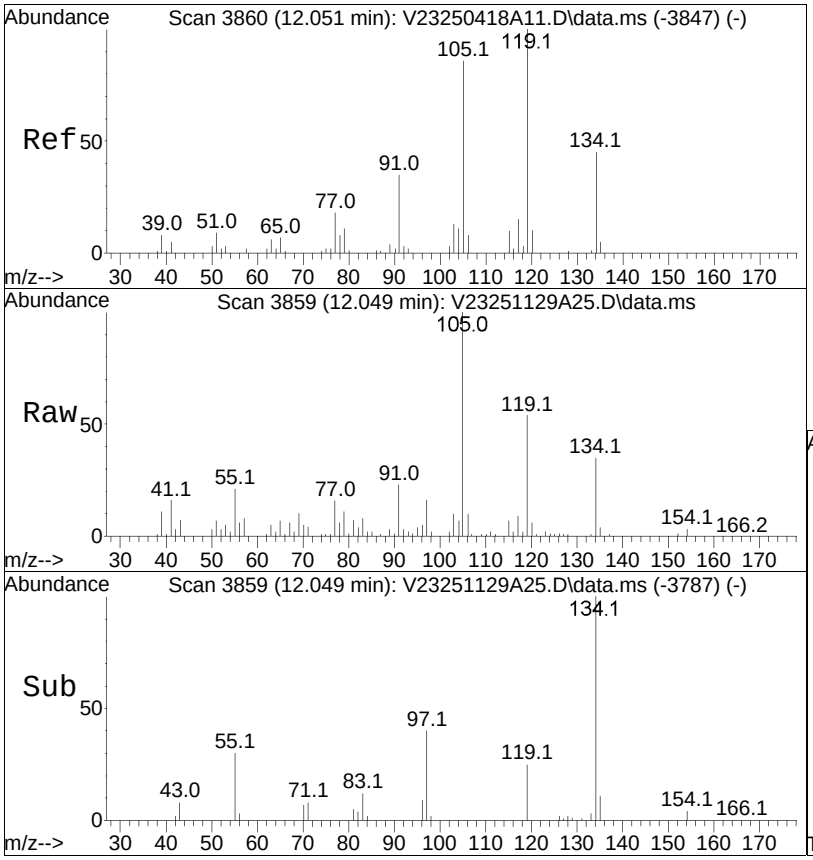


#99
p-Isopropyltoluene
Concen: 18.29 ug/L
RT: 11.664 min Scan# 3721
Delta R.T. 0.003 min
Lab File: V23251129A25.D
Acq: 29 Nov 2025 08:14 pm

Tgt Ion:119 Resp: 251770

Ion	Ratio	Lower	Upper
119	100		
134	25.1	17.2	35.6
91	23.8	15.1	31.3

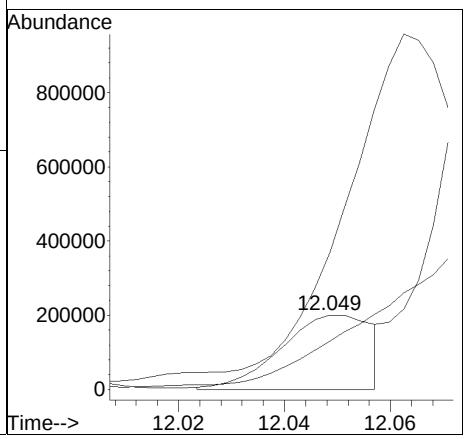


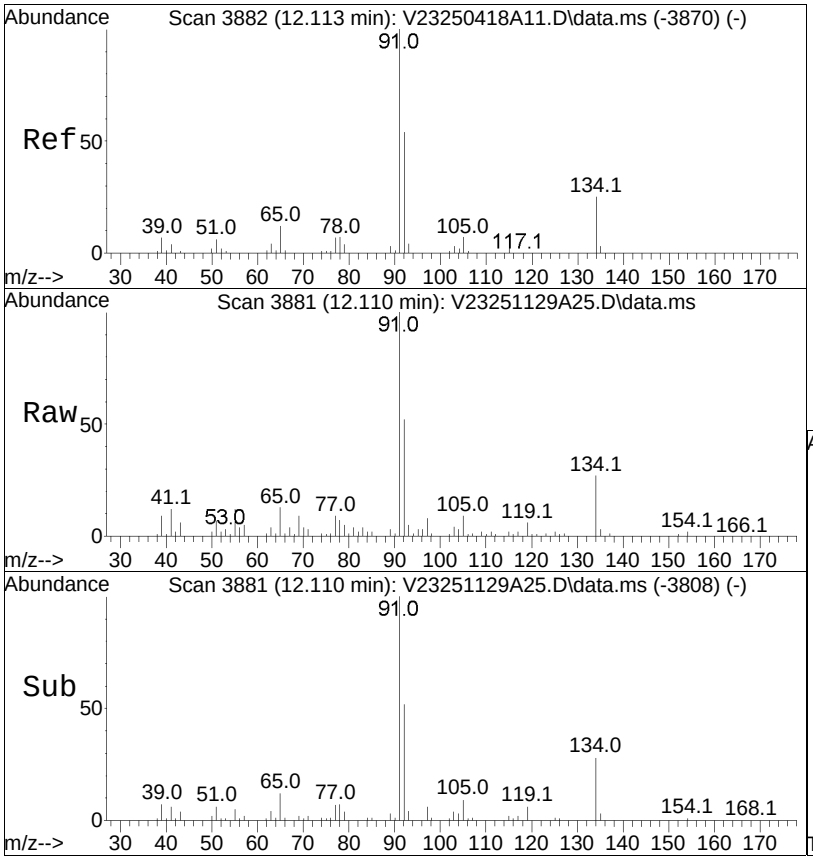


#102
p-Diethylbenzene
Concen: 29.44 ug/L M6
RT: 12.049 min Scan# 3859
Delta R.T. -0.000 min
Lab File: V23251129A25.D
Acq: 29 Nov 2025 08:14 pm

Tgt Ion:119 Resp: 239978

Ion	Ratio	Lower	Upper
119	100		
105	268.8	55.1	114.5#
134	122.4	30.0	62.2#

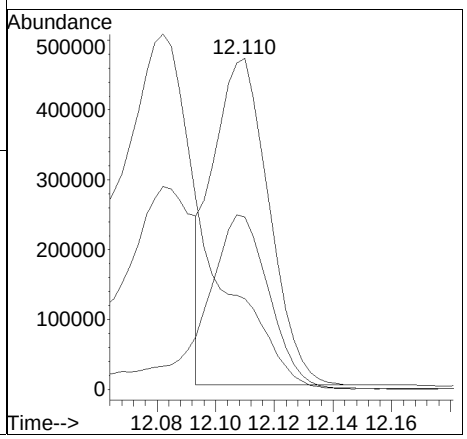


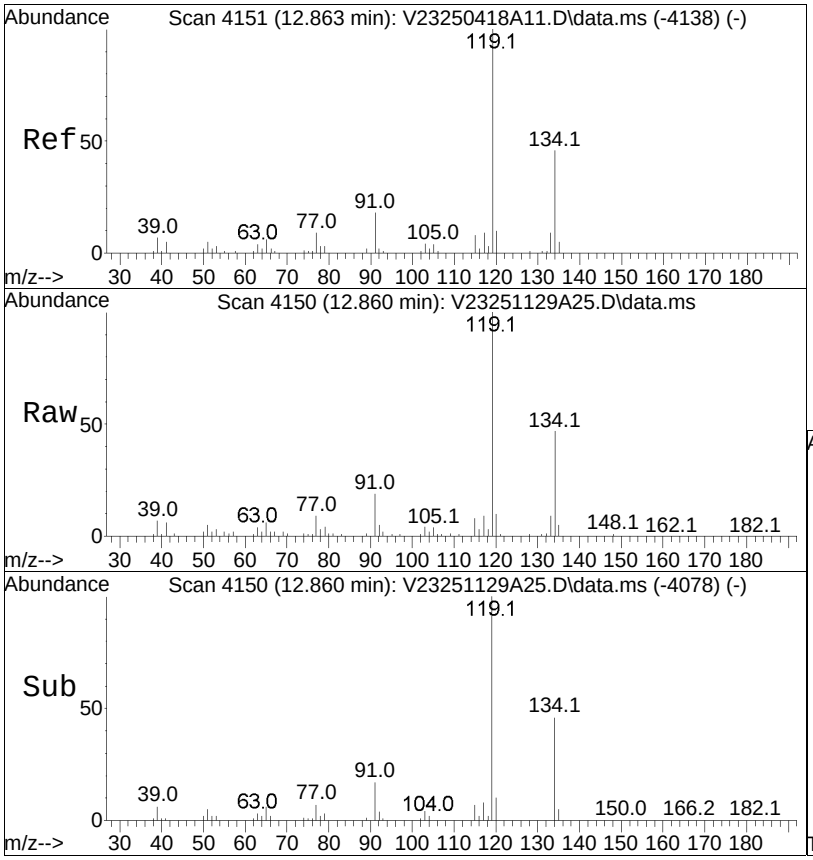


#103
n-Butylbenzene
Concen: 50.58 ug/L
RT: 12.110 min Scan# 3881
Delta R.T. 0.003 min
Lab File: V23251129A25.D
Acq: 29 Nov 2025 08:14 pm

Tgt Ion: 91 Resp: 624688

Ion	Ratio	Lower	Upper
91	100		
92	65.0	44.2	66.4
134	0.0	21.2	31.8#

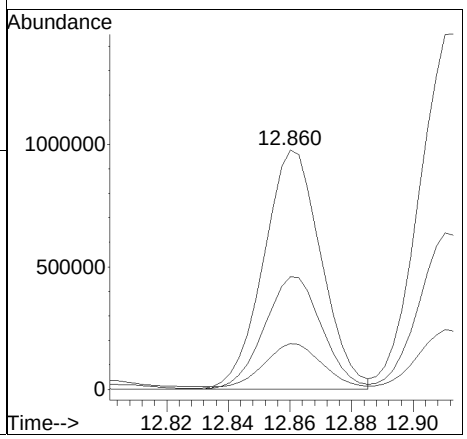


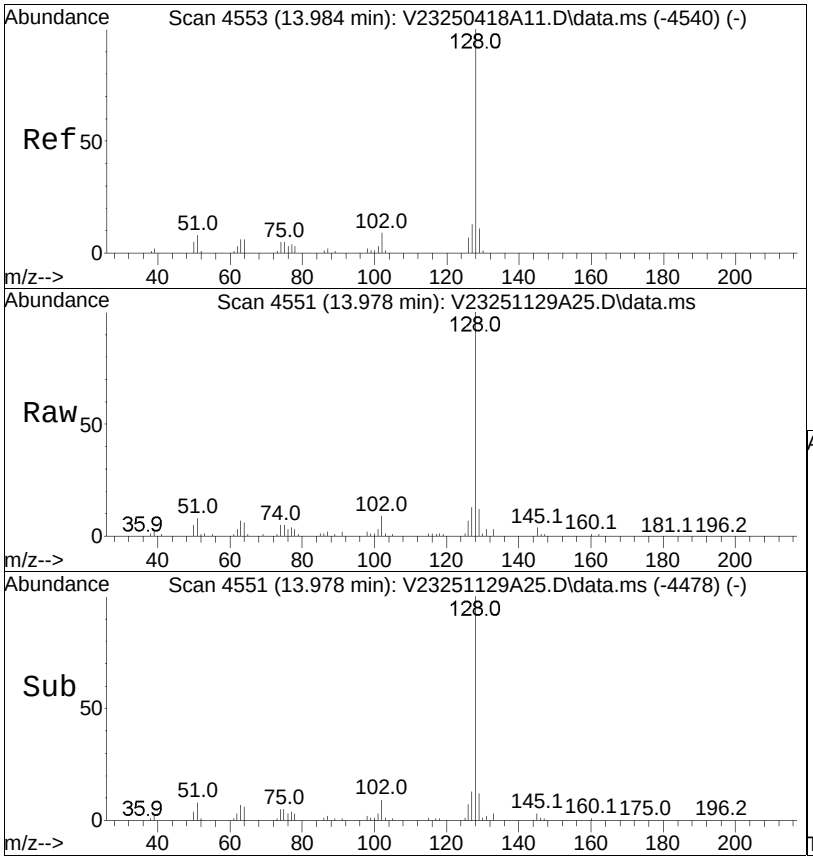


#105
1,2,4,5-Tetramethylbenzene
Concen: 95.34 ug/L
RT: 12.860 min Scan# 4150
Delta R.T. -0.000 min
Lab File: V23251129A25.D
Acq: 29 Nov 2025 08:14 pm

Tgt Ion:119 Resp: 1265426

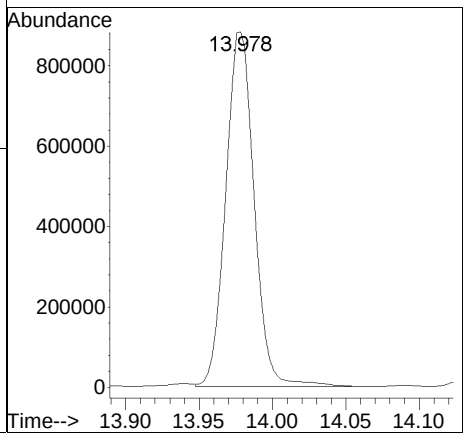
Ion	Ratio	Lower	Upper
119	100		
134	47.4	31.3	64.9
91	18.6	10.3	21.3





#110
Naphthalene
Concen: 125.44 ug/L
RT: 13.978 min Scan# 4551
Delta R.T. 0.003 min
Lab File: V23251129A25.D
Acq: 29 Nov 2025 08:14 pm

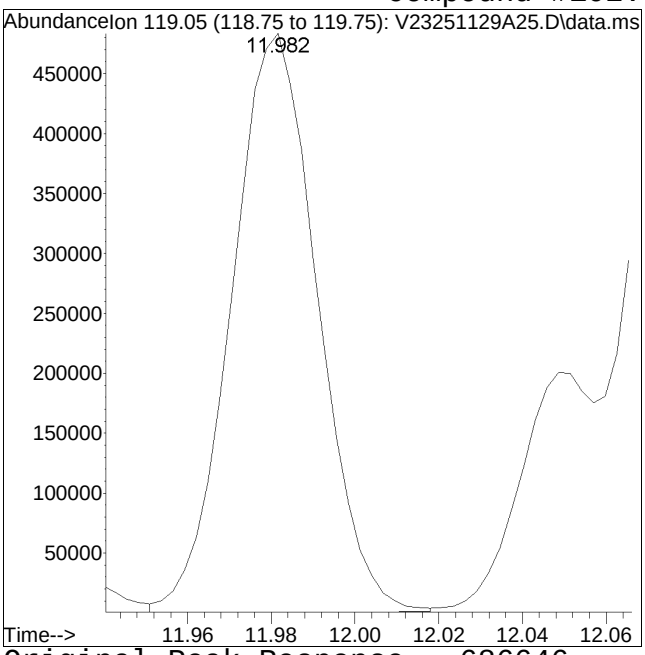
Tgt Ion:128 Resp: 1195397



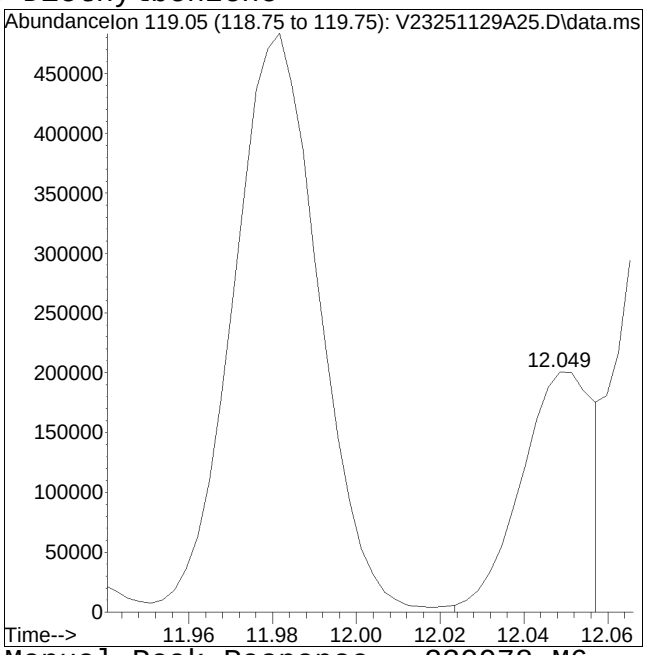
Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A25.D Operator : VOA123:JIC
Date Inj'd : 11/29/2025 8:14 pm Instrument : VOA123
Sample : L2574764-06D,31H,5.92,5,0. Quant Date : 11/30/2025 11:23 am

Compound #102: p-Diethylbenzene



Original Peak Response = 686646



Manual Peak Response = 239978 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A18.D
Acq On : 01 Dec 2025 12:24 am
Operator : VOA123:JIC
Sample : L2574764-08,31,4.95,5,,C,32.67,37.87,0.25
Misc : WG2147797,ICAL22792
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 01 06:20:52 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.520	96	187245	20.000 ug/L	0.00
Standard Area 1 = 217255			Recovery = 86.19%		
59) Chlorobenzene-d5	8.995	117	137009	20.000 ug/L	0.00
Standard Area 1 = 158239			Recovery = 86.58%		
79) 1,4-Dichlorobenzene-d4	11.806	152	76091	20.000 ug/L	0.00
Standard Area 1 = 88479			Recovery = 86.00%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.736	113	44754	18.975 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.88%		
43) 1,2-Dichloroethane-d4	5.241	65	46644	19.321 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.61%		
60) Toluene-d8	7.177	98	180456	19.476 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.38%		
83) 4-Bromofluorobenzene	10.540	95	63249	18.593 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.97%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.304	85	58	N.D.	
3) Chloromethane	1.666	50	34	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	2.070	64	61	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.659	76	3559	0.496 ug/L #	82
15) Methylene chloride	3.127	84	136	N.D.	
17) Acetone	3.175	43	2380	Below Cal #	84
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	3.908	43	166	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	4.731	83	114	N.D.	

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A18.D
Acq On : 01 Dec 2025 12:24 am
Operator : VOA123:JIC
Sample : L2574764-08,31,4.95,5,,C,32.67,37.87,0.25
Misc : WG2147797,ICAL22792
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 01 06:20:52 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	5.110	78	446	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	5.746	95	135	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	6.217	83	65	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.246	92	142	N.D.		
62) 4-Methyl-2-pentanone	7.670	58	62	N.D.		
63) Tetrachloroethene	7.679	166	4239	1.692	ug/L	99
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.059	91	70632	6.126	ug/L	99
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	9.246	106	25907	6.010	ug/L	98
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.202	105	13593	1.192	ug/L	100
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	10.715	91	65522	4.825	ug/L	99
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d	
88) 4-Ethyltoluene	10.846	105	80260	7.103	ug/L	100
89) 2-Chlorotoluene	0.000		0	N.D.	d	
90) 1,3,5-Trimethylbenzene	10.952	105	69799	6.964	ug/L	97
91) 1,2,3-Trichloropropane	0.000		0	N.D.	d	
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
93) 4-Chlorotoluene	11.033	91	241	N.D.		
94) tert-Butylbenzene	0.000		0	N.D.	d	

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A18.D
Acq On : 01 Dec 2025 12:24 am
Operator : VOA123:JIC
Sample : L2574764-08,31,4.95,5,,C,32.67,37.87,0.25
Misc : WG2147797,ICAL22792
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 01 06:20:52 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
97)	1,2,4-Trimethylbenzene	11.385	105	262661	26.365	ug/L		99
98)	sec-Butylbenzene	11.502	105	12803	1.020	ug/L	#	65
99)	p-Isopropyltoluene	11.664	119	9946	0.915	ug/L		92
100)	1,3-Dichlorobenzene	11.814	146	26	N.D.			
101)	1,4-Dichlorobenzene	11.814	146	26	N.D.			
102)	p-Diethylbenzene	0.000		0	N.D.	d		
103)	n-Butylbenzene	12.107	91	24985	2.562	ug/L	#	79
104)	1,2-Dichlorobenzene	0.000		0	N.D.			
105)	1,2,4,5-Tetramethylben...	12.863	119	89626	8.550	ug/L		97
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.			
108)	Hexachlorobutadiene	0.000		0	N.D.			
109)	1,2,4-Trichlorobenzene	13.847	180	25	N.D.			
110)	Naphthalene	13.981	128	158625	21.077	ug/L		100
111)	1,2,3-Trichlorobenzene	14.165	180	30	N.D.			

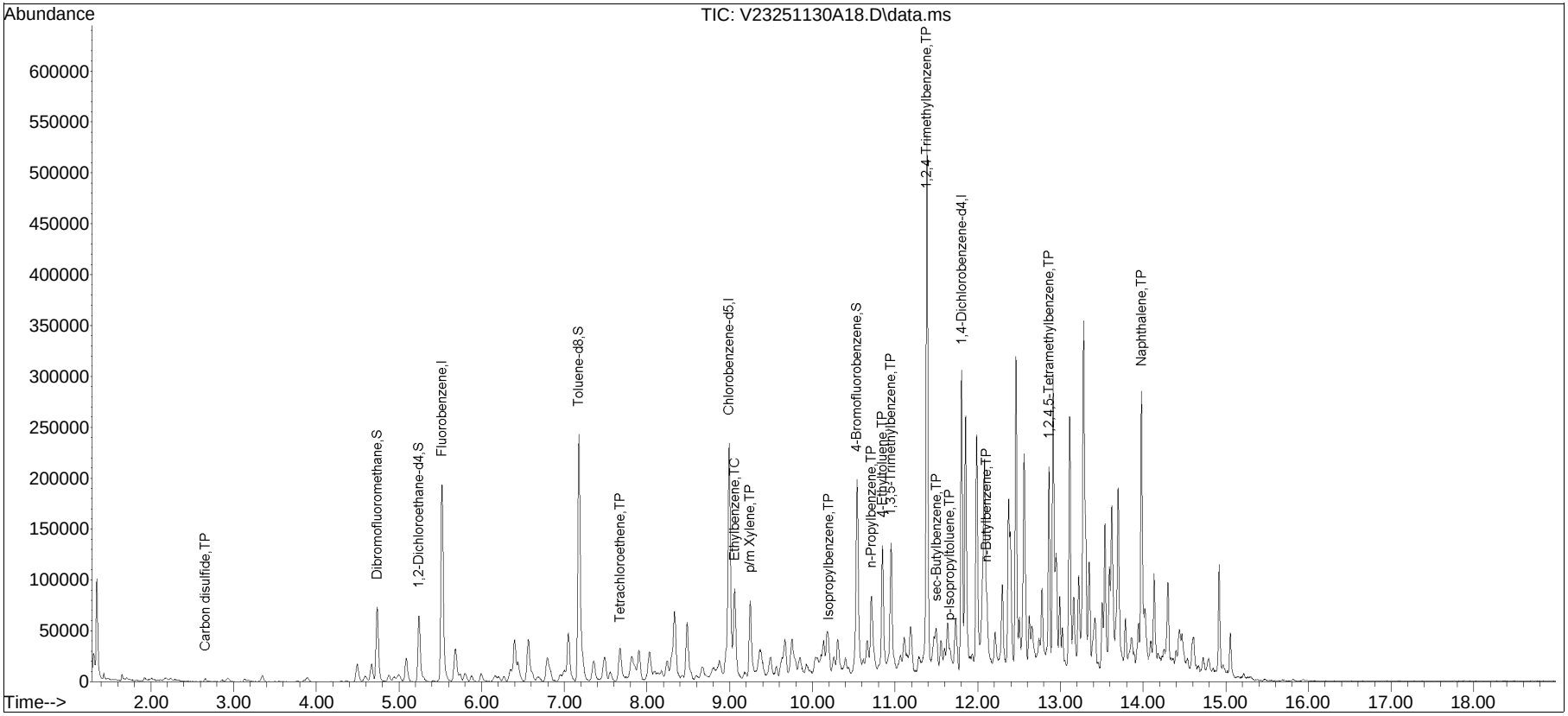
(#) = qualifier out of range (m) = manual integration (+) = signals summed

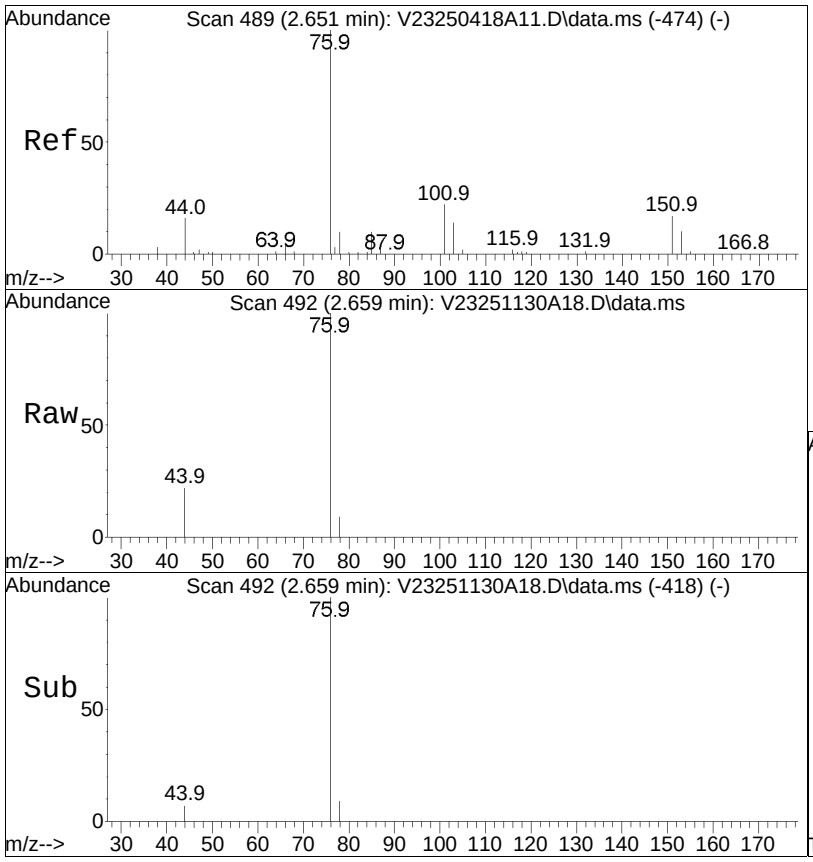
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A18.D
Acq On : 01 Dec 2025 12:24 am
Operator : VOA123:JIC
Sample : L2574764-08,31,4.95,5,,C,32.67,37.87,0.25
Misc : WG2147797,ICAL22792
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 01 06:20:52 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251130A01.D•

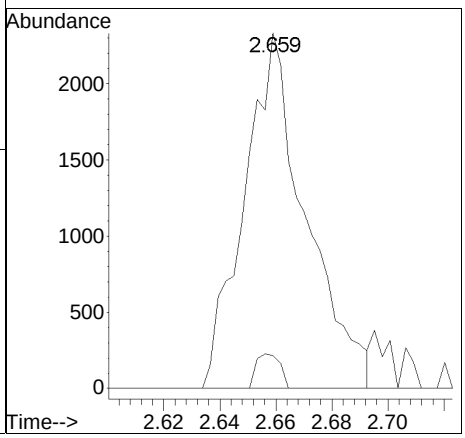


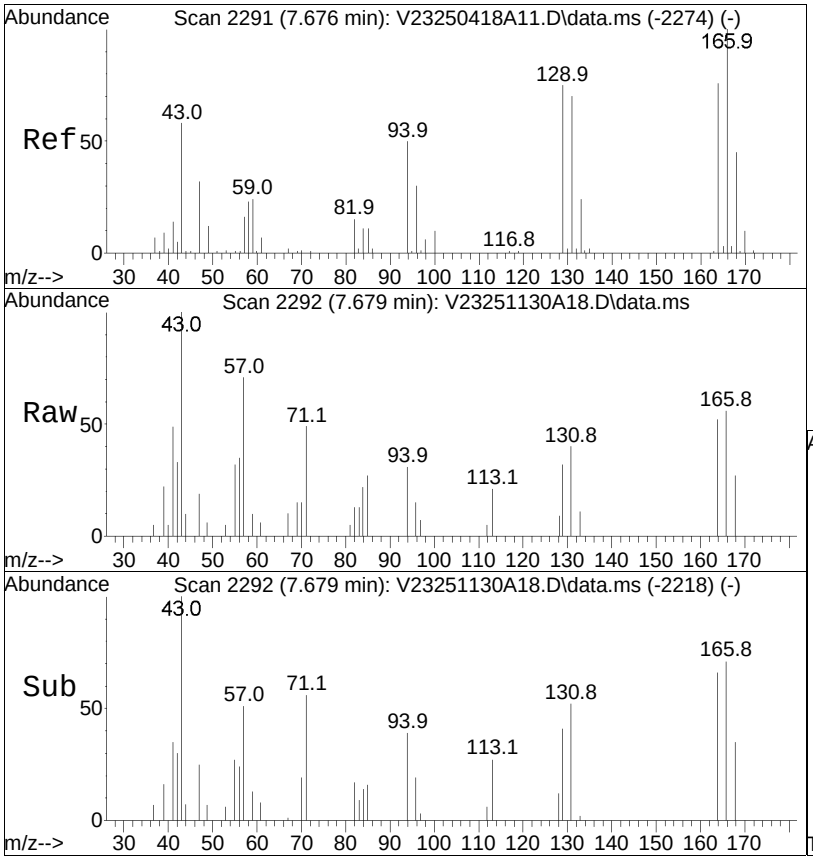


#11
Carbon disulfide
Concen: 0.50 ug/L
RT: 2.659 min Scan# 492
Delta R.T. 0.005 min
Lab File: V23251130A18.D
Acq: 01 Dec 2025 12:24 am

Tgt Ion: 76 Resp: 3559

Ion	Ratio	Lower	Upper
76	100		
78	3.8	6.7	13.9#

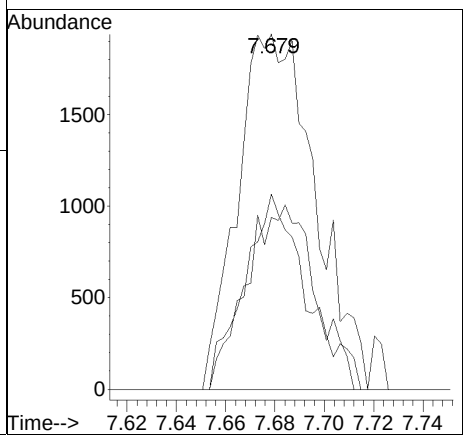


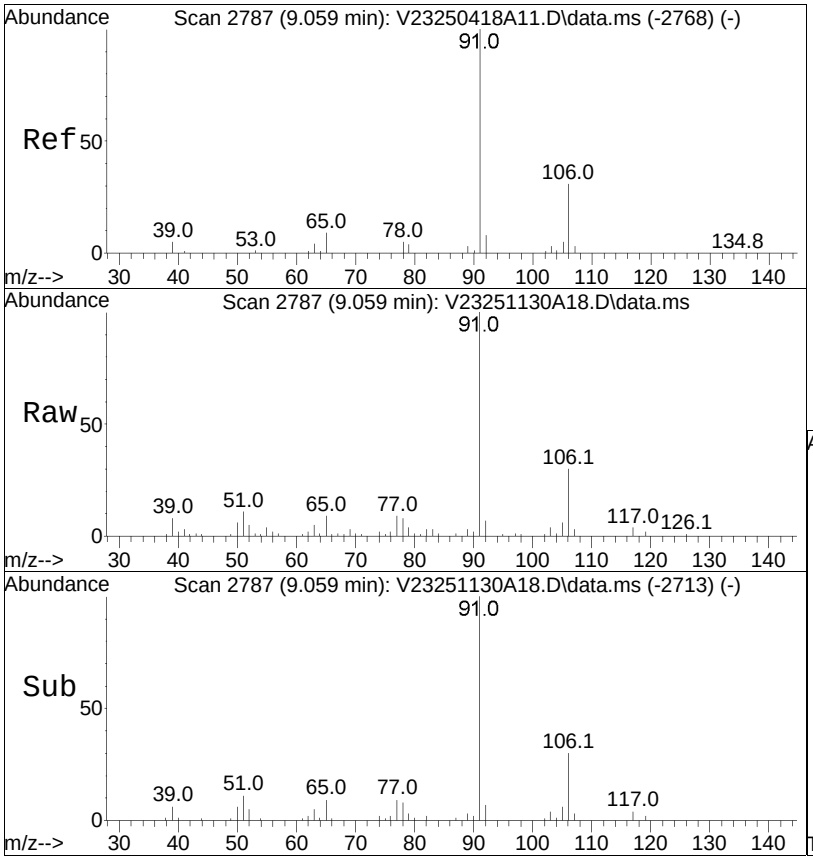


#63
Tetrachloroethene
Concen: 1.69 ug/L
RT: 7.679 min Scan# 2292
Delta R.T. 0.005 min
Lab File: V23251130A18.D
Acq: 01 Dec 2025 12:24 am

Tgt Ion:166 Resp: 4239

Ion	Ratio	Lower	Upper
166	100		
168	46.6	28.0	68.0
94	43.6	23.3	63.3

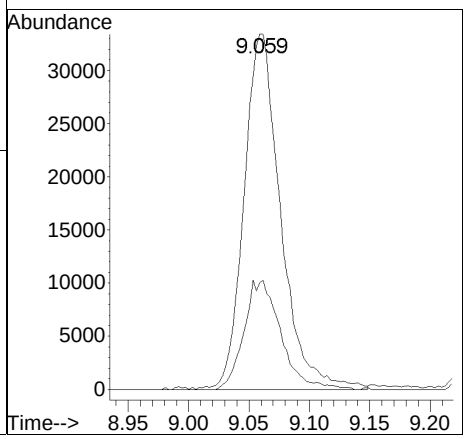


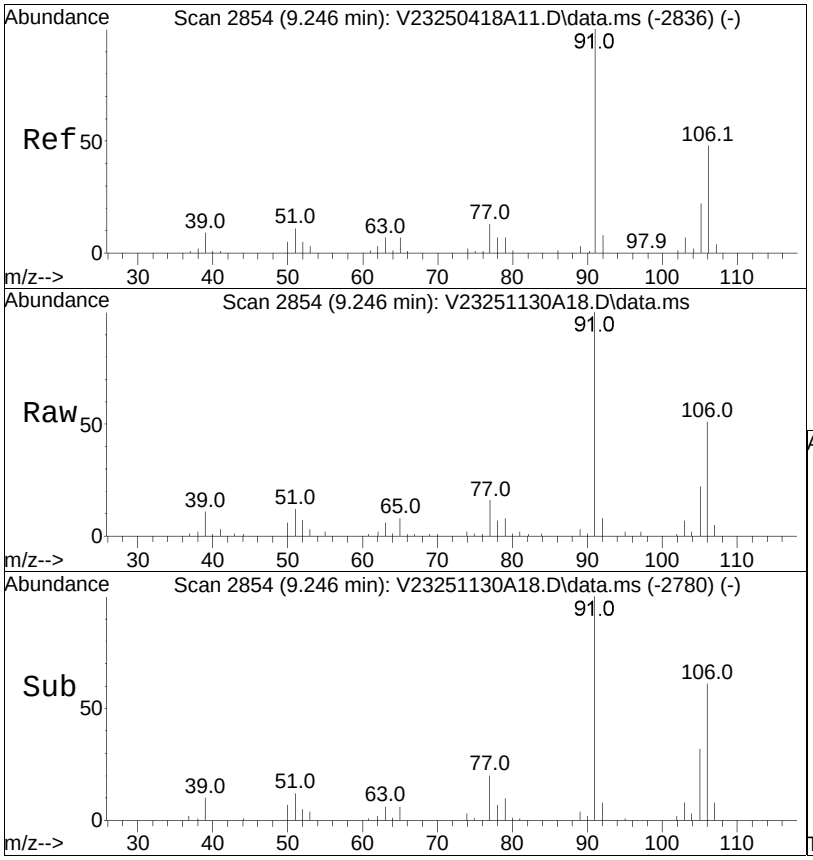


#74
Ethylbenzene
Concen: 6.13 ug/L
RT: 9.059 min Scan# 2787
Delta R.T. 0.005 min
Lab File: V23251130A18.D
Acq: 01 Dec 2025 12:24 am

Tgt Ion: 91 Resp: 70632

Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.2	37.8

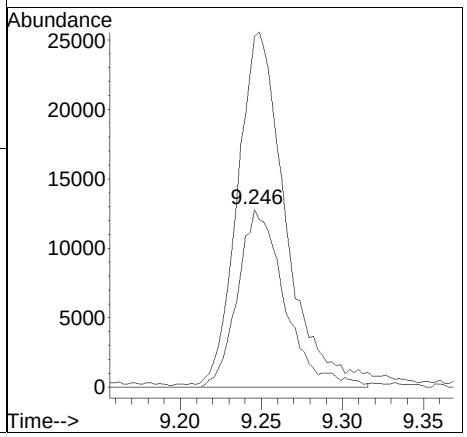


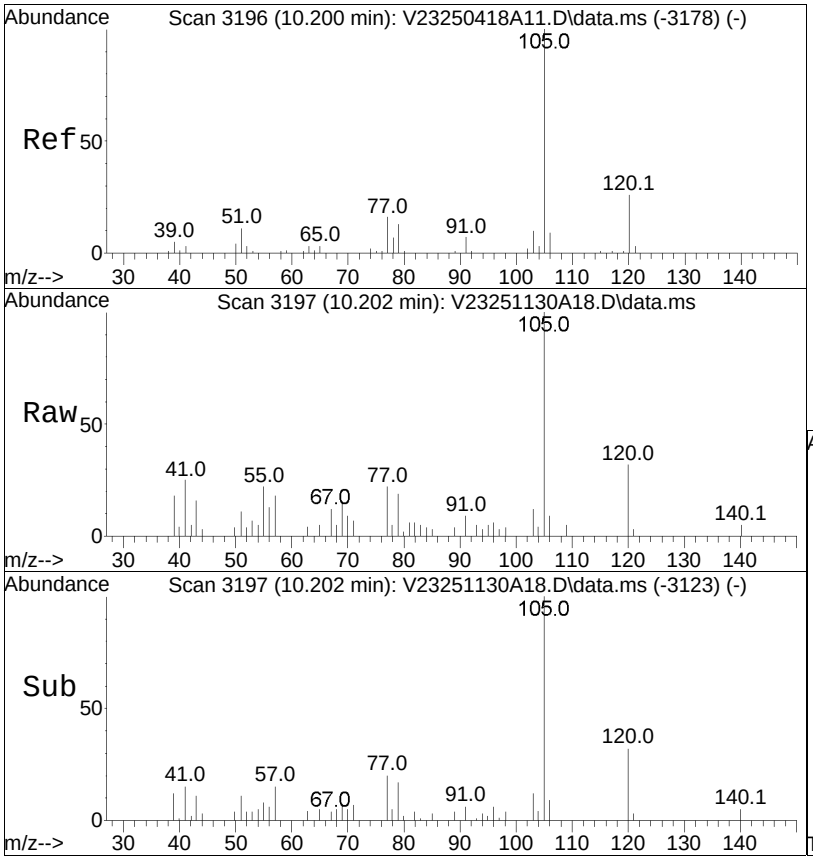


#76
p/m Xylene
Concen: 6.01 ug/L
RT: 9.246 min Scan# 2854
Delta R.T. 0.005 min
Lab File: V23251130A18.D
Acq: 01 Dec 2025 12:24 am

Tgt Ion:106 Resp: 25907

Ion	Ratio	Lower	Upper
106	100		
91	203.7	160.4	240.6

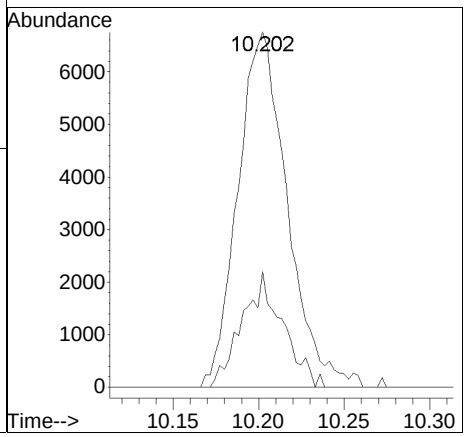


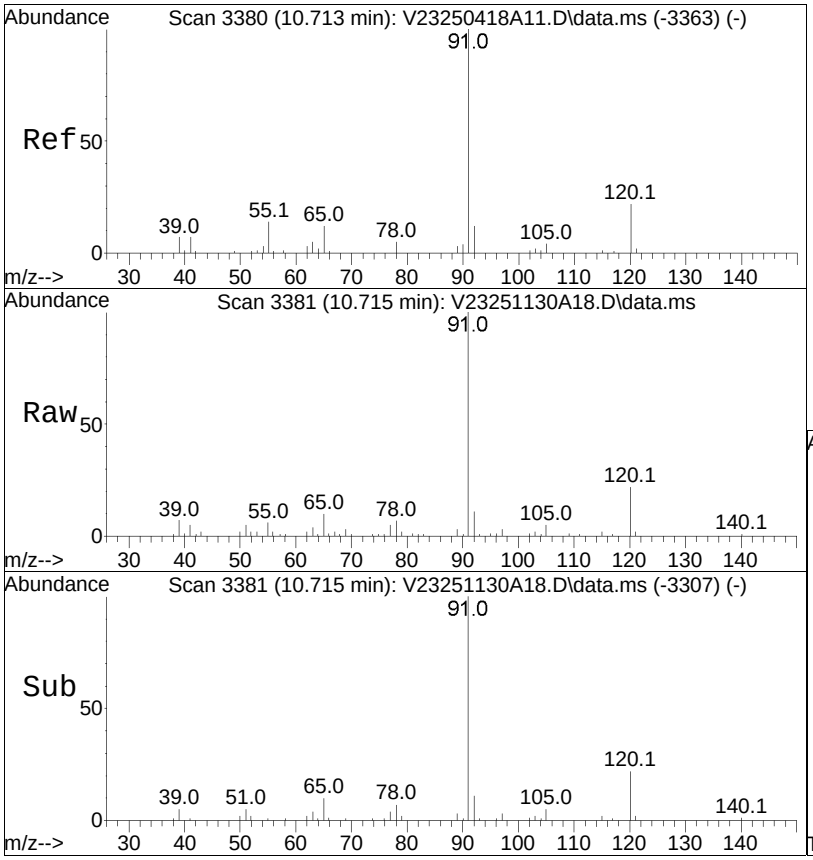


#82
Isopropylbenzene
Concen: 1.19 ug/L
RT: 10.202 min Scan# 3197
Delta R.T. 0.005 min
Lab File: V23251130A18.D
Acq: 01 Dec 2025 12:24 am

Tgt Ion:105 Resp: 13593

Ion	Ratio	Lower	Upper
105	100		
120	26.6	6.6	46.6

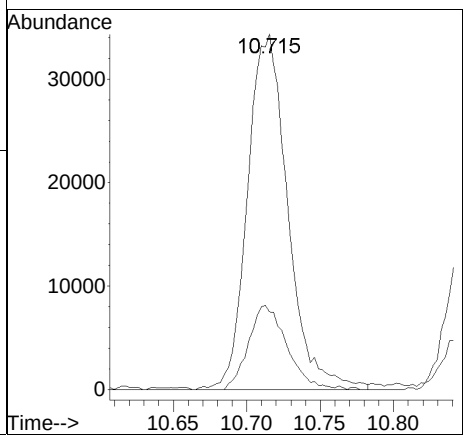


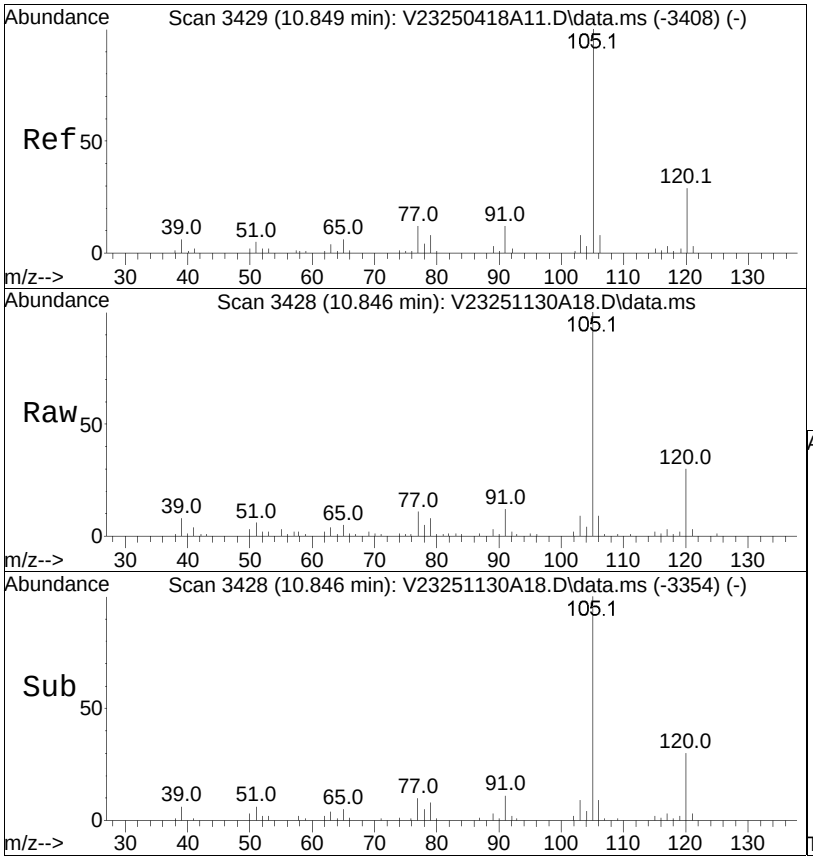


#85
n-Propylbenzene
Concen: 4.83 ug/L
RT: 10.715 min Scan# 3381
Delta R.T. 0.005 min
Lab File: V23251130A18.D
Acq: 01 Dec 2025 12:24 am

Tgt Ion: 91 Resp: 65522

Ion	Ratio	Lower	Upper
91	100		
120	22.4	18.2	27.2

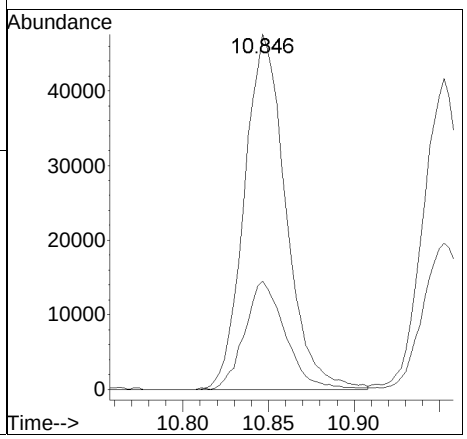


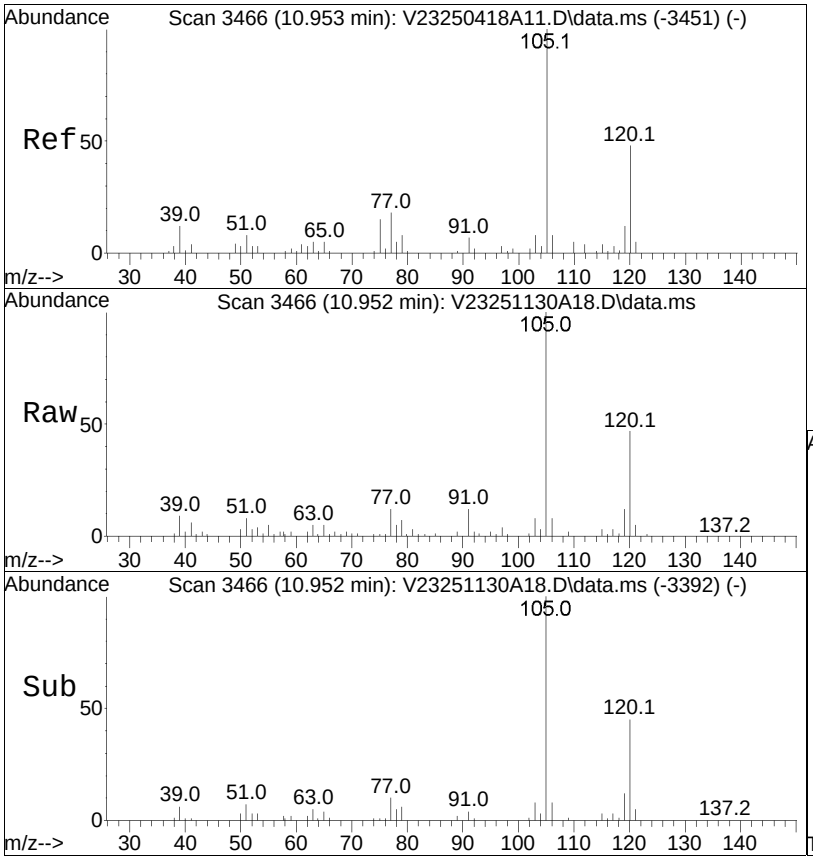


#88
4-Ethyltoluene
Concen: 7.10 ug/L
RT: 10.846 min Scan# 3428
Delta R.T. 0.005 min
Lab File: V23251130A18.D
Acq: 01 Dec 2025 12:24 am

Tgt Ion:105 Resp: 80260

Ion	Ratio	Lower	Upper
105	100		
120	29.9	19.4	40.4

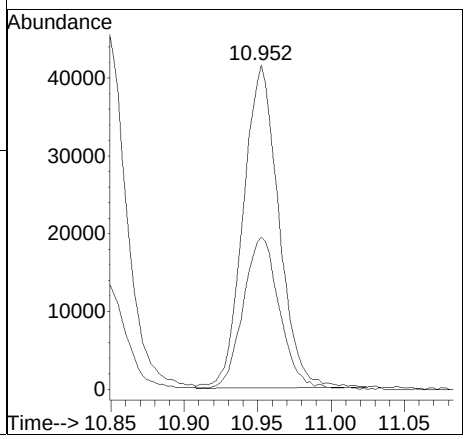


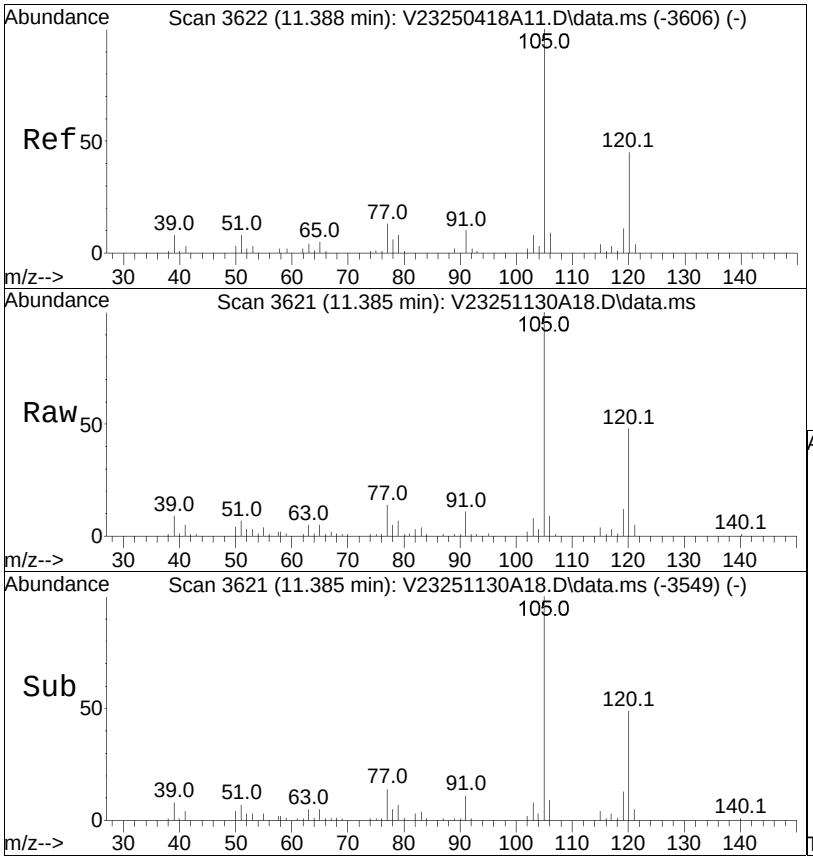


#90
1,3,5-Trimethylbenzene
Concen: 6.96 ug/L
RT: 10.952 min Scan# 3466
Delta R.T. 0.005 min
Lab File: V23251130A18.D
Acq: 01 Dec 2025 12:24 am

Tgt Ion:105 Resp: 69799

Ion	Ratio	Lower	Upper
105	100		
120	47.6	39.9	59.9

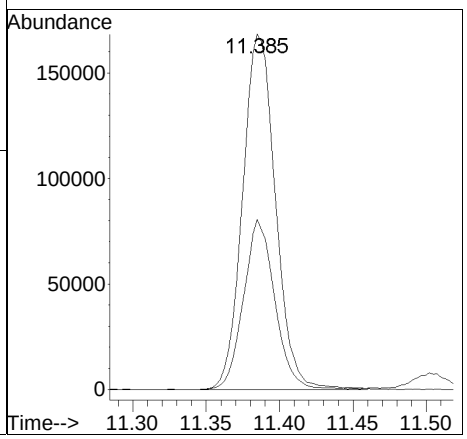


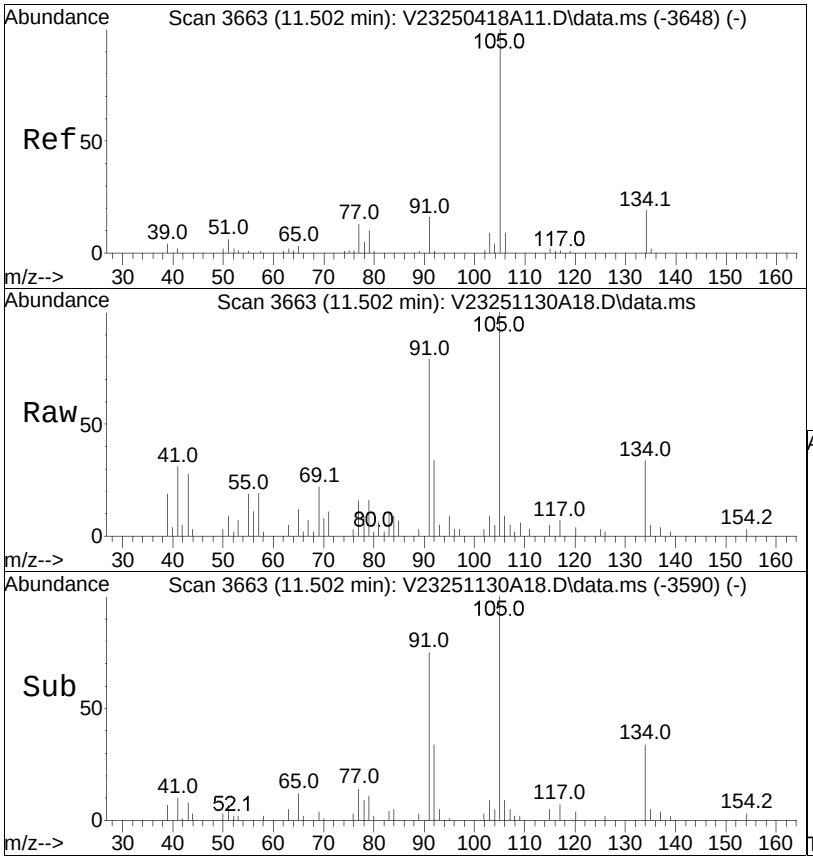


#97
1,2,4-Trimethylbenzene
Concen: 26.36 ug/L
RT: 11.385 min Scan# 3621
Delta R.T. -0.000 min
Lab File: V23251130A18.D
Acq: 01 Dec 2025 12:24 am

Tgt Ion:105 Resp: 262661

Ion	Ratio	Lower	Upper
105	100		
120	45.4	36.9	55.3

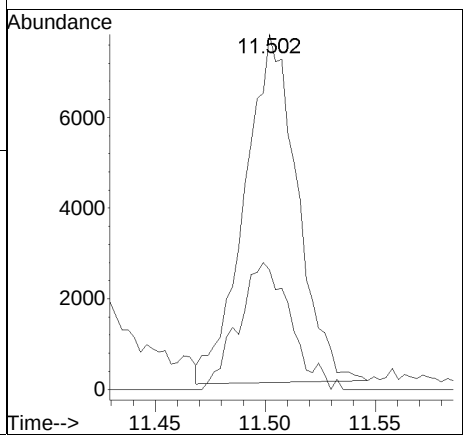


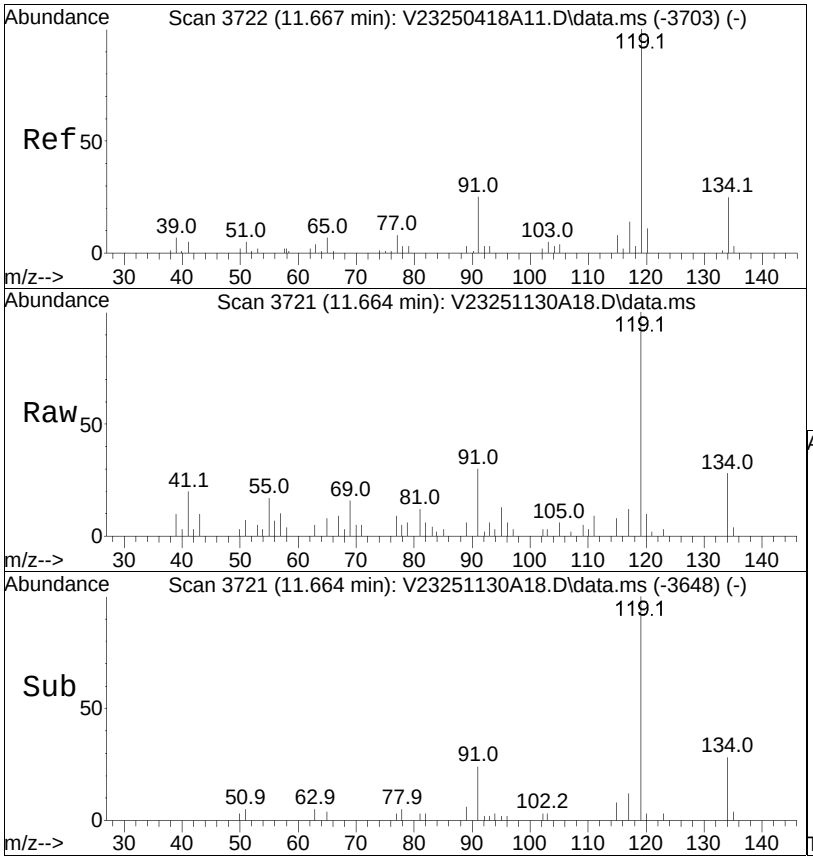


#98
sec-Butylbenzene
Concen: 1.02 ug/L
RT: 11.502 min Scan# 3663
Delta R.T. 0.002 min
Lab File: V23251130A18.D
Acq: 01 Dec 2025 12:24 am

Tgt Ion:105 Resp: 12803

Ion	Ratio	Lower	Upper
105	100		
134	36.1	13.1	27.1#

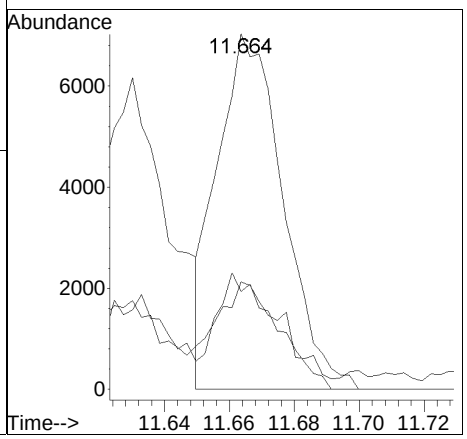


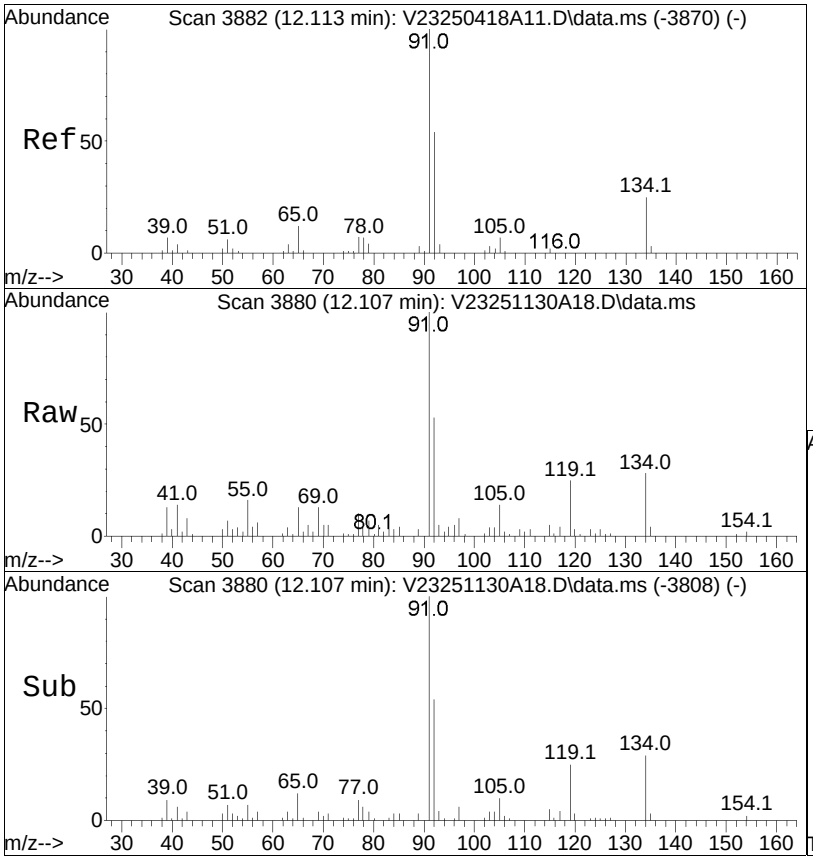


#99
p-Isopropyltoluene
Concen: 0.91 ug/L
RT: 11.664 min Scan# 3721
Delta R.T. 0.002 min
Lab File: V23251130A18.D
Acq: 01 Dec 2025 12:24 am

Tgt Ion:119 Resp: 9946

Ion	Ratio	Lower	Upper
119	100		
134	29.4	17.2	35.6
91	27.9	15.1	31.3

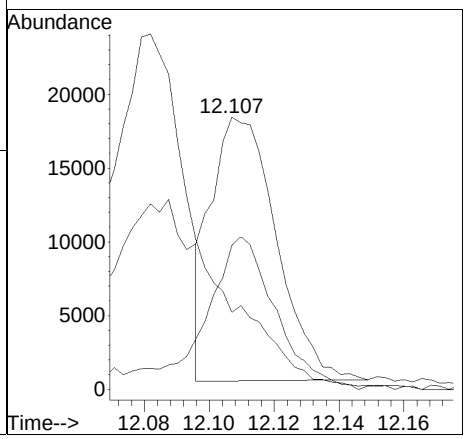


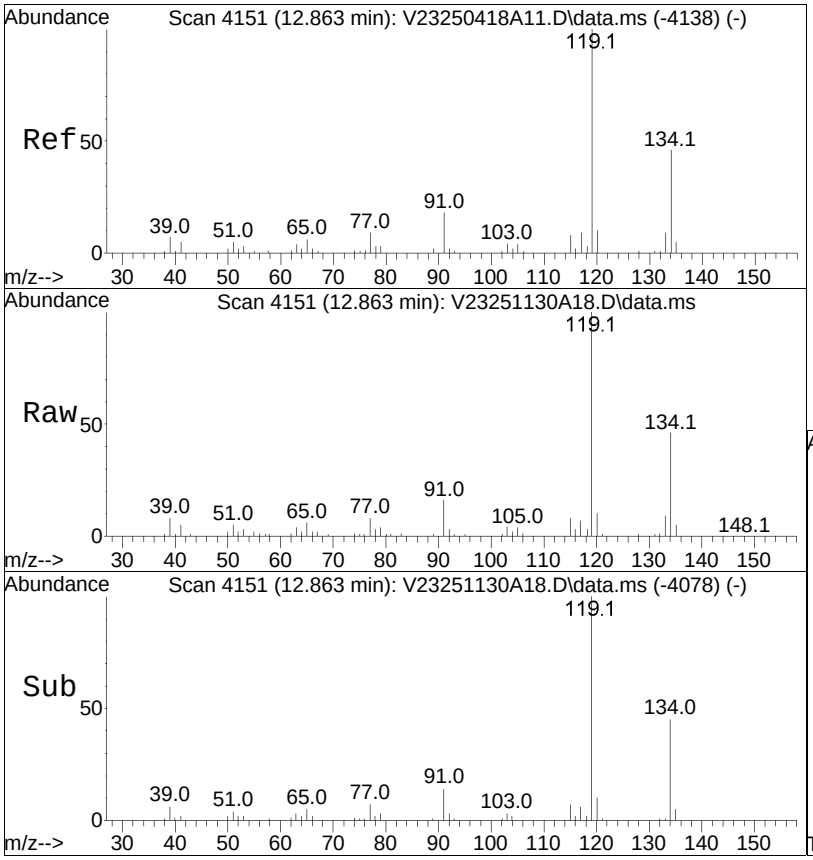


#103
n-Butylbenzene
Concen: 2.56 ug/L
RT: 12.107 min Scan# 3880
Delta R.T. -0.000 min
Lab File: V23251130A18.D
Acq: 01 Dec 2025 12:24 am

Tgt Ion: 91 Resp: 24985

Ion	Ratio	Lower	Upper
91	100		
92	60.1	44.2	66.4
134	0.0	21.2	31.8#

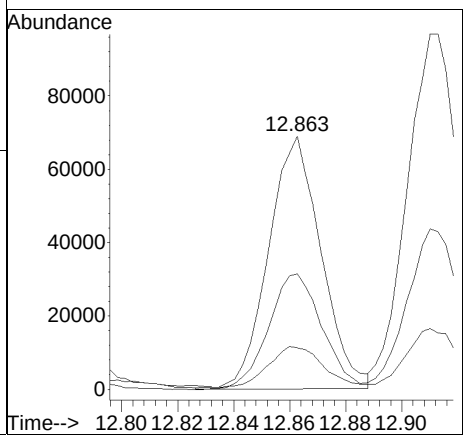


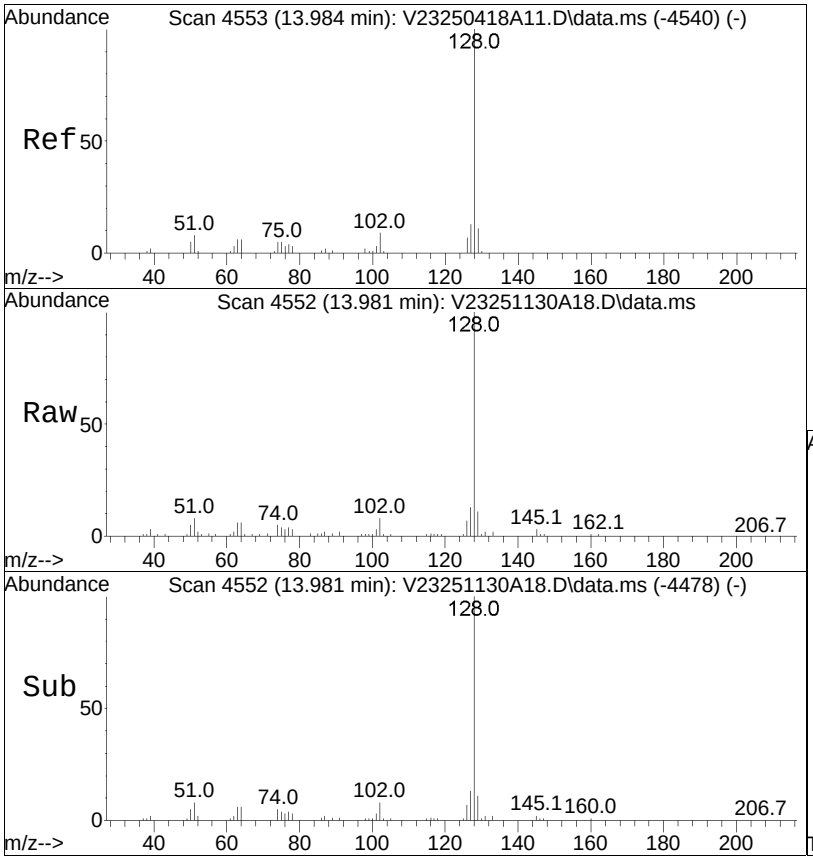


#105
1,2,4,5-Tetramethylbenzene
Concen: 8.55 ug/L
RT: 12.863 min Scan# 4151
Delta R.T. 0.002 min
Lab File: V23251130A18.D
Acq: 01 Dec 2025 12:24 am

Tgt Ion:119 Resp: 89626

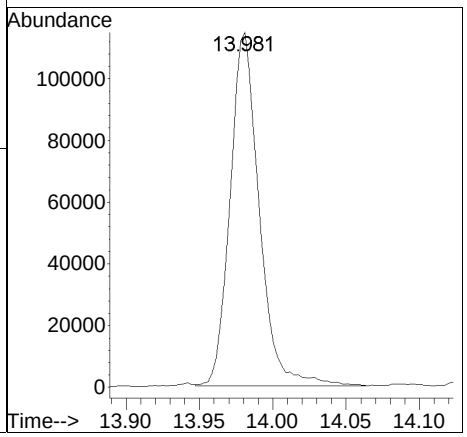
Ion	Ratio	Lower	Upper
119	100		
134	46.6	31.3	64.9
91	17.3	10.3	21.3





#110
Naphthalene
Concen: 21.08 ug/L
RT: 13.981 min Scan# 4552
Delta R.T. 0.005 min
Lab File: V23251130A18.D
Acq: 01 Dec 2025 12:24 am

Tgt Ion:128 Resp: 158625



Manual Integration Report

Data Path	: K:\VOA123\2025\251130A\	QMethod	: V123_251103N_8260.m
Data File	: V23251130A18.D	Operator	: VOA123:JIC
Date Inj'd	: 12/1/2025 12:24 am	Instrument	: VOA123
Sample	: L2574764-08,31,4.95,5,,C,3	Quant Date	: 12/1/2025 6:10 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A22.D
Acq On : 01 Dec 2025 02:08 am
Operator : VOA123:JIC
Sample : L2574764-07,31H,6.34,5,0.100,,A,29.53,36.37,0
Misc : WG2147799,ICAL22792
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 01 06:24:35 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.520	96	192440	20.000 ug/L	0.00
Standard Area 1 = 217255			Recovery = 88.58%		
59) Chlorobenzene-d5	8.995	117	137792	20.000 ug/L	0.00
Standard Area 1 = 158239			Recovery = 87.08%		
79) 1,4-Dichlorobenzene-d4	11.803	152	77347	20.000 ug/L	0.00
Standard Area 1 = 88479			Recovery = 87.42%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.731	113	45535	18.785 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.92%		
43) 1,2-Dichloroethane-d4	5.242	65	47939	19.321 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.61%		
60) Toluene-d8	7.177	98	180913	19.415 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.08%		
83) 4-Bromofluorobenzene	10.543	95	61155	17.685 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 88.42%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.301	85	26	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.648	76	1127	0.153 ug/L #	72
15) Methylene chloride	3.136	84	535	0.206 ug/L	75
17) Acetone	3.172	43	226	Below Cal #	39
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	4.151	43	31	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	4.561	83	360	N.D.	

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A22.D
Acq On : 01 Dec 2025 02:08 am
Operator : VOA123:JIC
Sample : L2574764-07,31H,6.34,5,0.100,,A,29.53,36.37,0
Misc : WG2147799,ICAL22792
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 01 06:24:35 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	4.882	43	30	N.D.		
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	5.582	95	71	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	0.000		0	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D. d		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	8.814	43	28	N.D.		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.065	91	22853	1.971	ug/L	97
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	9.254	106	6988	1.612	ug/L	99
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.203	105	3409M1	0.294	ug/L	
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	10.721	91	14848	1.076	ug/L	99
87) 1,1,2,2-Tetrachloroethane	10.755	83	32	N.D.		
88) 4-Ethyltoluene	10.858	105	16254	1.415	ug/L	99
89) 2-Chlorotoluene	0.000		0	N.D. d		
90) 1,3,5-Trimethylbenzene	10.958	105	13028	1.279	ug/L	98
91) 1,2,3-Trichloropropane	10.947	75	31	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D. d		
93) 4-Chlorotoluene	11.184	91	120	N.D.		
94) tert-Butylbenzene	0.000		0	N.D. d		

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A22.D
Acq On : 01 Dec 2025 02:08 am
Operator : VOA123:JIC
Sample : L2574764-07,31H,6.34,5,0.100,,A,29.53,36.37,0
Misc : WG2147799,ICAL22792
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 01 06:24:35 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
97)	1,2,4-Trimethylbenzene	11.391	105	42085	4.156	ug/L		98
98)	sec-Butylbenzene	11.502	105	3330	0.261	ug/L		86
99)	p-Isopropyltoluene	11.667	119	2000	0.181	ug/L		94
100)	1,3-Dichlorobenzene	0.000		0	N.D.			
101)	1,4-Dichlorobenzene	0.000		0	N.D.			
102)	p-Diethylbenzene	0.000		0	N.D.	d		
103)	n-Butylbenzene	12.116	91	4935	0.498	ug/L	#	80
104)	1,2-Dichlorobenzene	0.000		0	N.D.			
105)	1,2,4,5-Tetramethylben...	12.866	119	13323	1.250	ug/L		97
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.			
108)	Hexachlorobutadiene	0.000		0	N.D.			
109)	1,2,4-Trichlorobenzene	0.000		0	N.D.			
110)	Naphthalene	13.995	128	11292	1.476	ug/L		100
111)	1,2,3-Trichlorobenzene	0.000		0	N.D.			

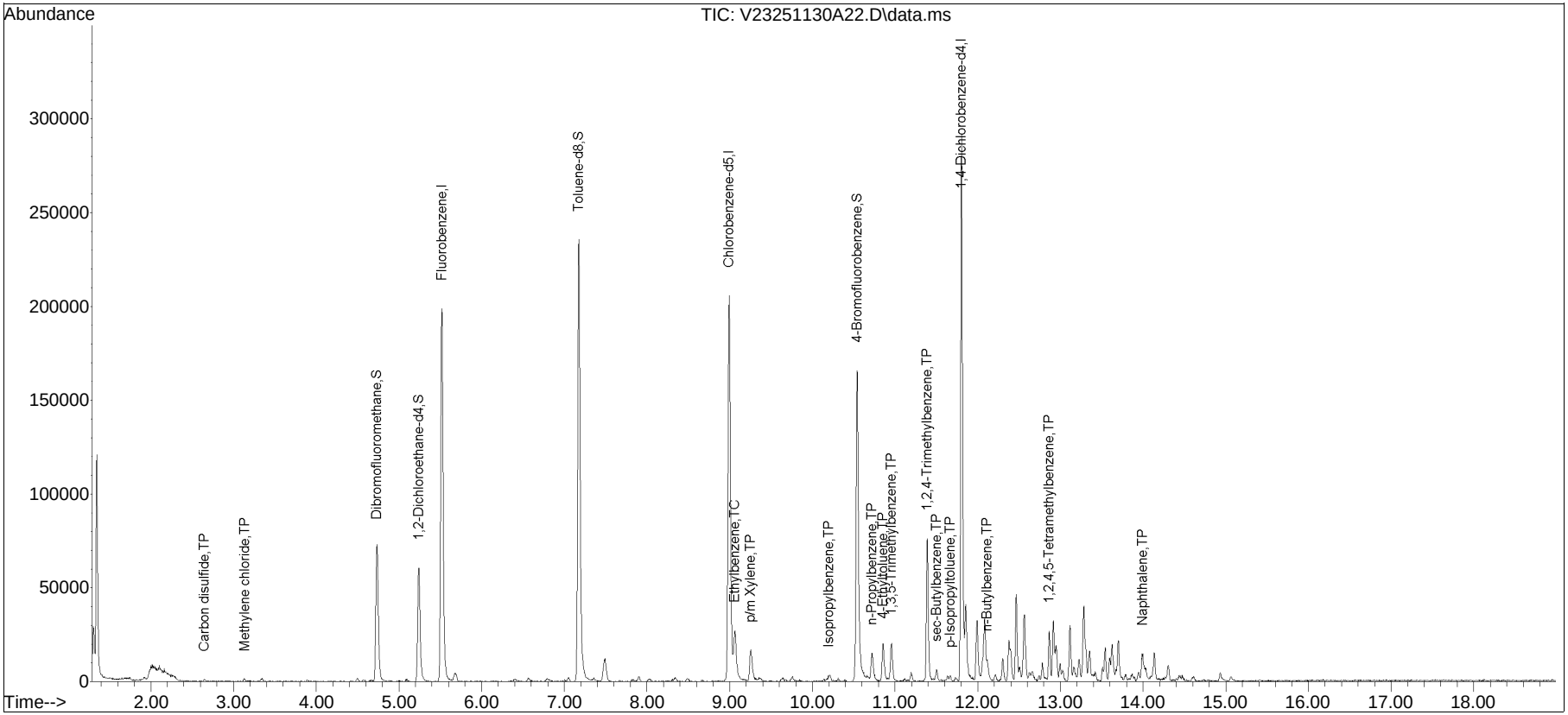
(#) = qualifier out of range (m) = manual integration (+) = signals summed

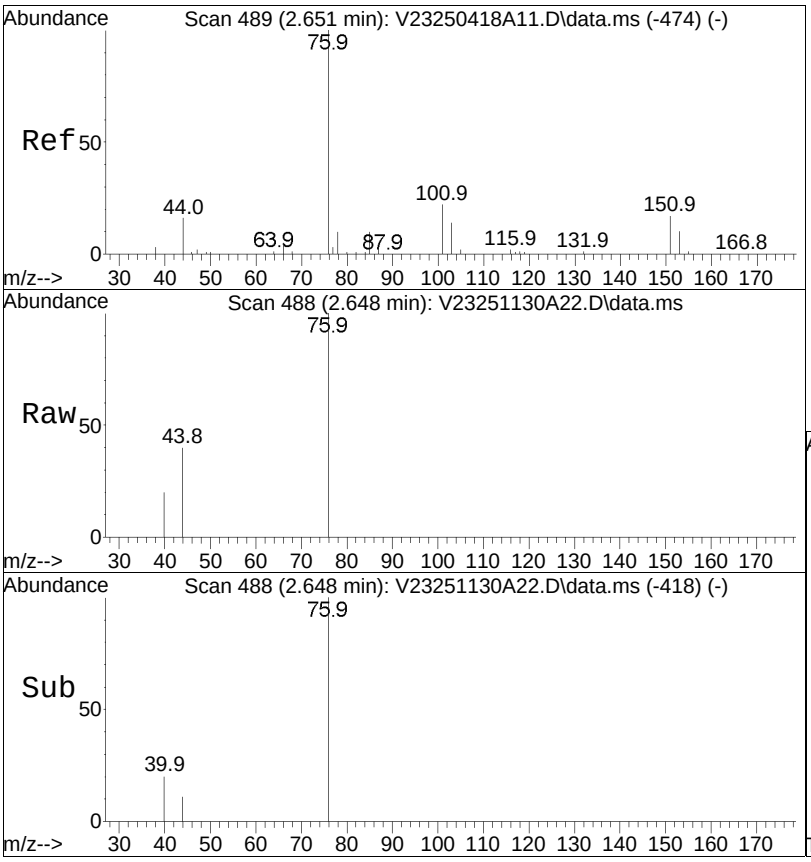
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A22.D
Acq On : 01 Dec 2025 02:08 am
Operator : VOA123:JIC
Sample : L2574764-07,31H,6.34,5,0.100,,A,29.53,36.37,0
Misc : WG2147799,ICAL22792
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 01 06:24:35 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251130A01.D•

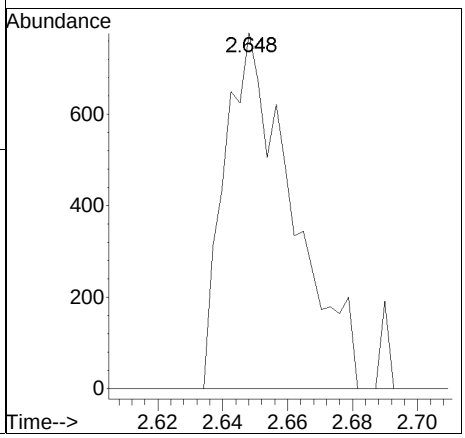


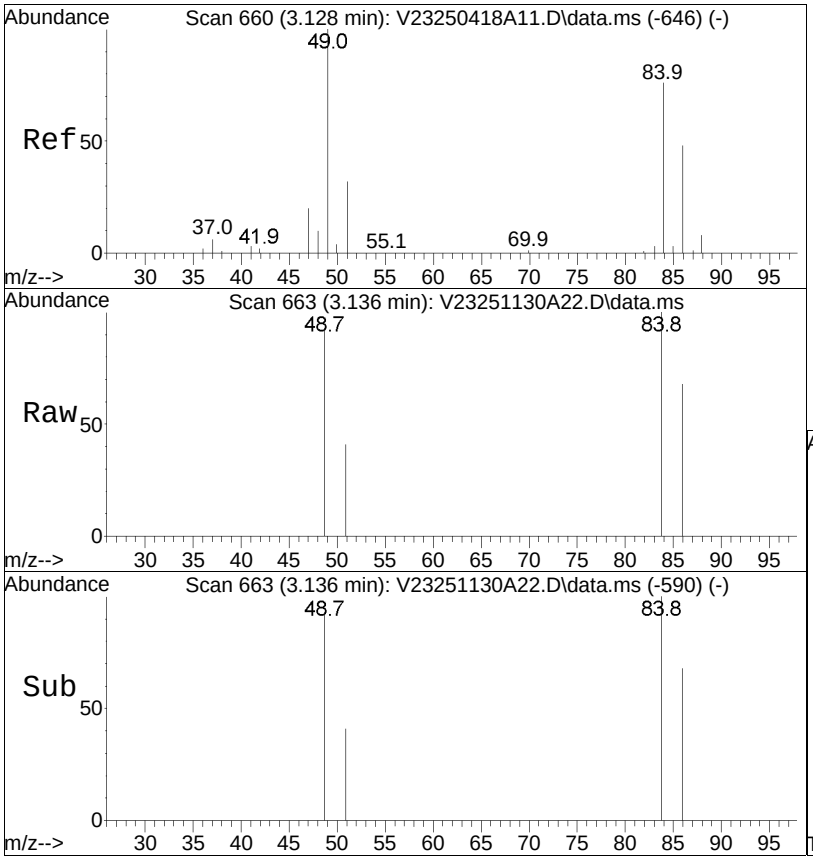


#11
Carbon disulfide
Concen: 0.15 ug/L
RT: 2.648 min Scan# 488
Delta R.T. -0.006 min
Lab File: V23251130A22.D
Acq: 01 Dec 2025 02:08 am

Tgt Ion: 76 Resp: 1127

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.7	13.9#

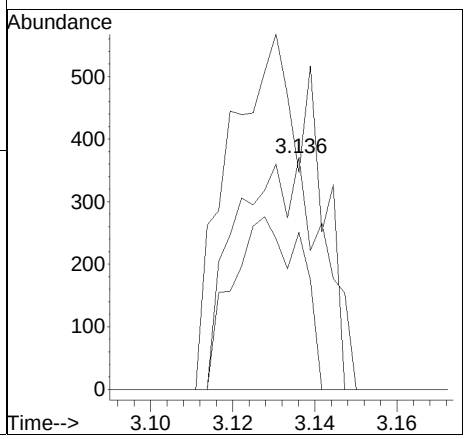


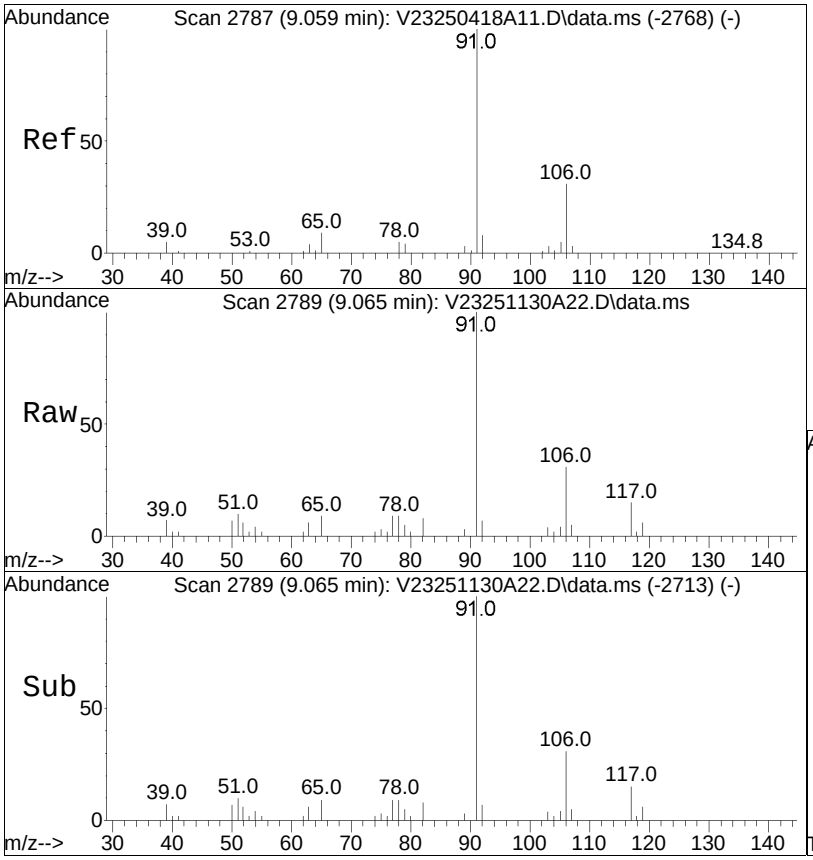


#15
Methylene chloride
Concen: 0.21 ug/L
RT: 3.136 min Scan# 663
Delta R.T. 0.003 min
Lab File: V23251130A22.D
Acq: 01 Dec 2025 02:08 am

Tgt Ion: 84 Resp: 535

Ion	Ratio	Lower	Upper
84	100		
86	59.6	42.0	87.2
49	152.1	74.0	153.6

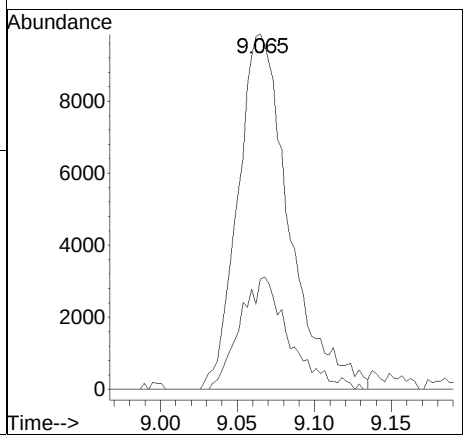


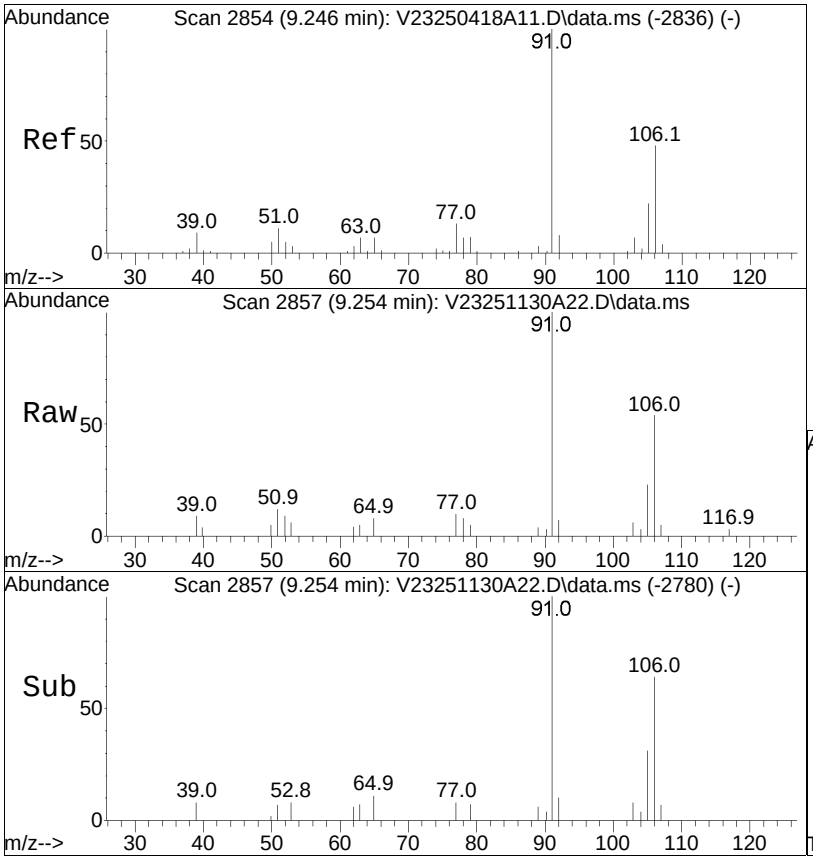


#74
Ethylbenzene
Concen: 1.97 ug/L
RT: 9.065 min Scan# 2789
Delta R.T. 0.011 min
Lab File: V23251130A22.D
Acq: 01 Dec 2025 02:08 am

Tgt Ion: 91 Resp: 22853

Ion	Ratio	Lower	Upper
91	100		
106	29.9	25.2	37.8

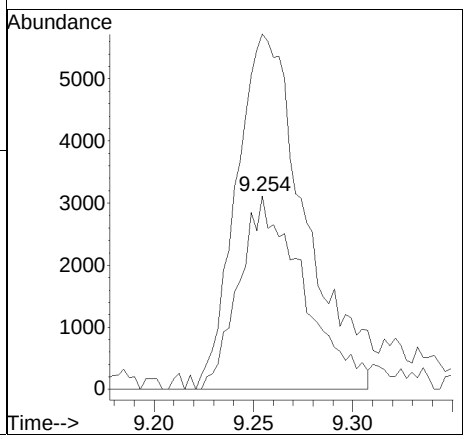


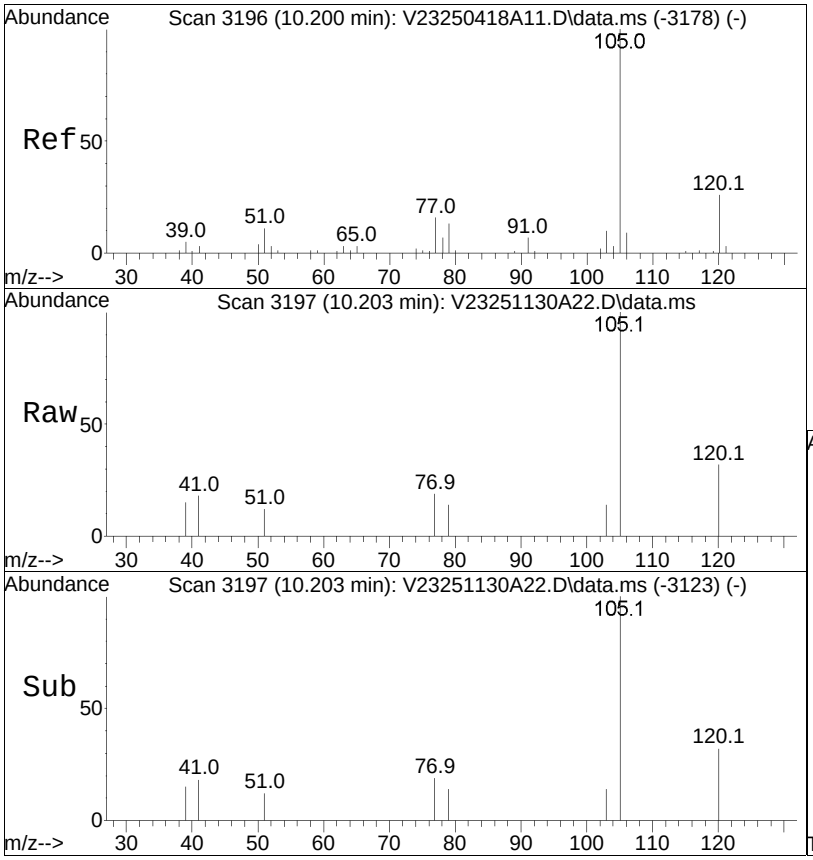


#76
p/m Xylene
Concen: 1.61 ug/L
RT: 9.254 min Scan# 2857
Delta R.T. 0.014 min
Lab File: V23251130A22.D
Acq: 01 Dec 2025 02:08 am

Tgt Ion:106 Resp: 6988

Ion	Ratio	Lower	Upper
106	100		
91	201.3	160.4	240.6

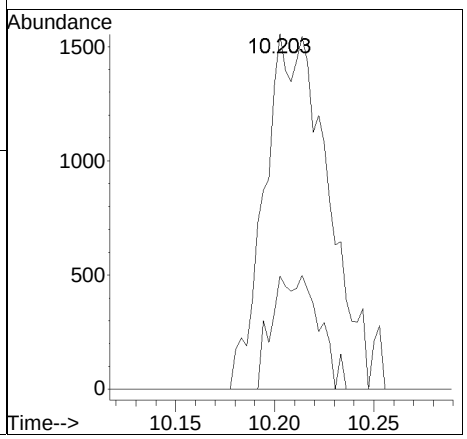


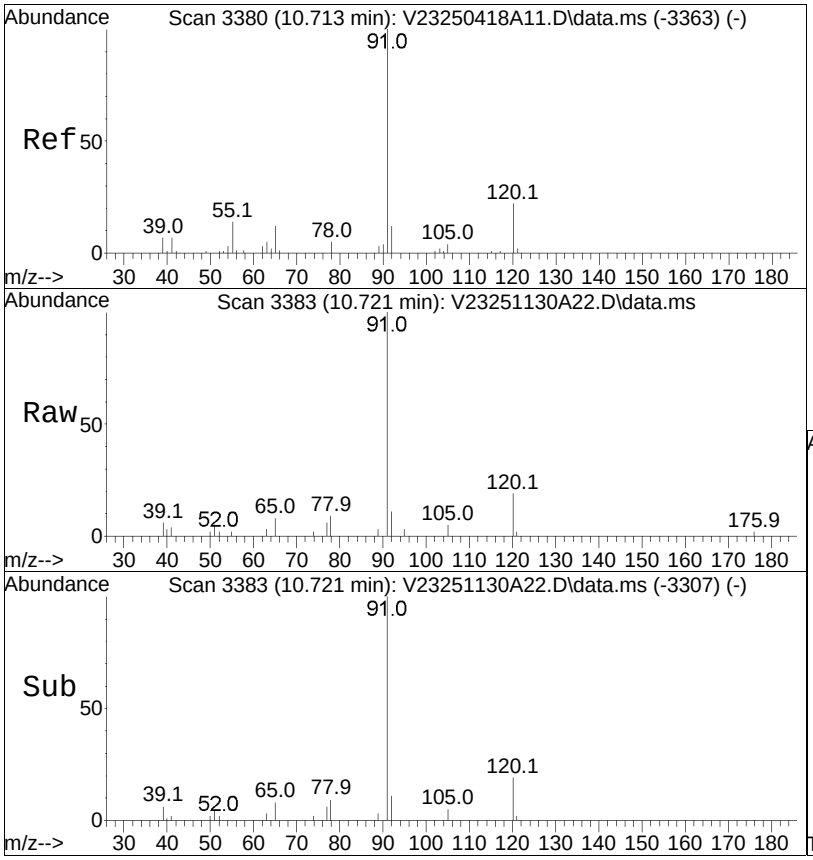


#82
Isopropylbenzene
Concen: 0.29 ug/L M1
RT: 10.203 min Scan# 3197
Delta R.T. 0.006 min
Lab File: V23251130A22.D
Acq: 01 Dec 2025 02:08 am

Tgt Ion:105 Resp: 3409

Ion	Ratio	Lower	Upper
105	100		
120	10.9	6.6	46.6

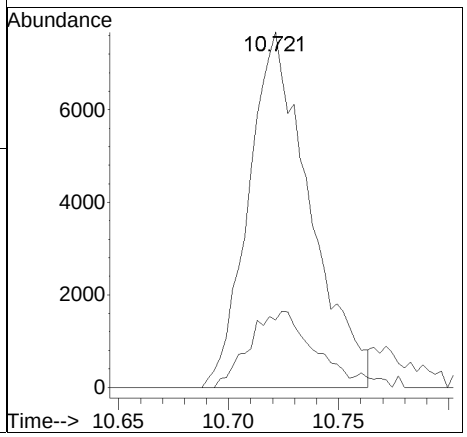


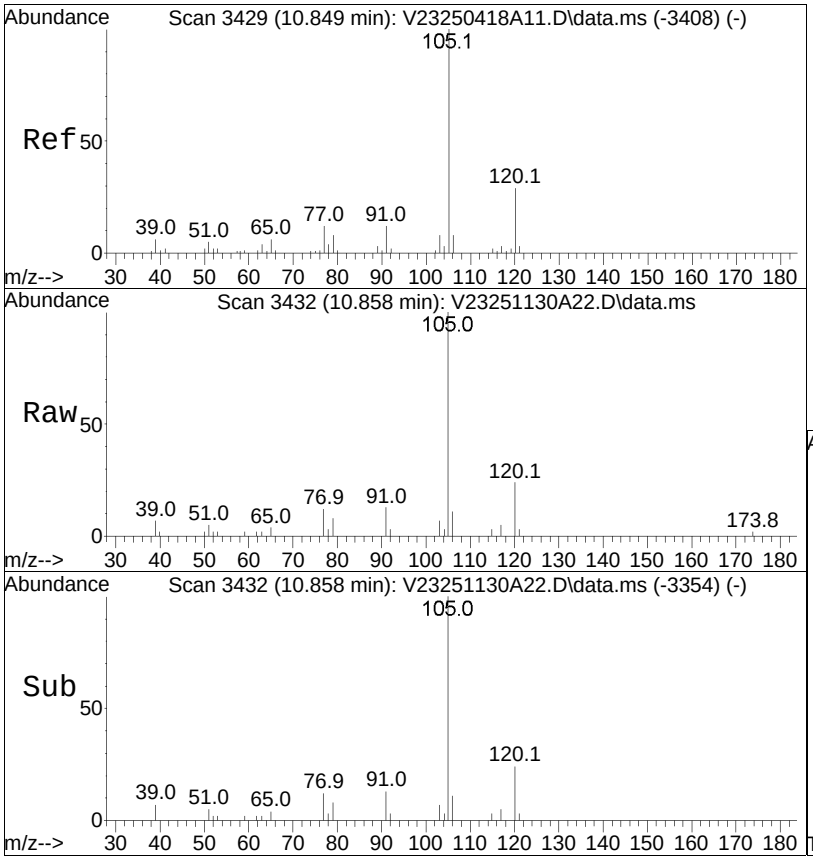


#85
n-Propylbenzene
Concen: 1.08 ug/L
RT: 10.721 min Scan# 3383
Delta R.T. 0.011 min
Lab File: V23251130A22.D
Acq: 01 Dec 2025 02:08 am

Tgt Ion: 91 Resp: 14848

Ion	Ratio	Lower	Upper
91	100		
120	22.3	18.2	27.2

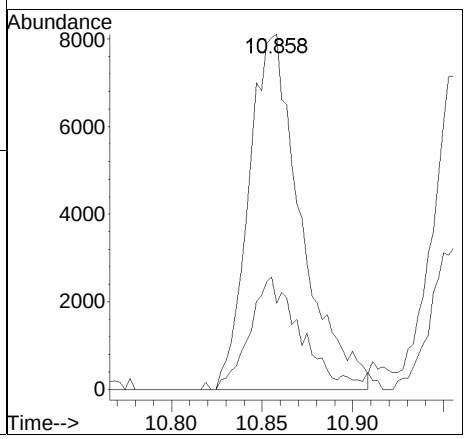


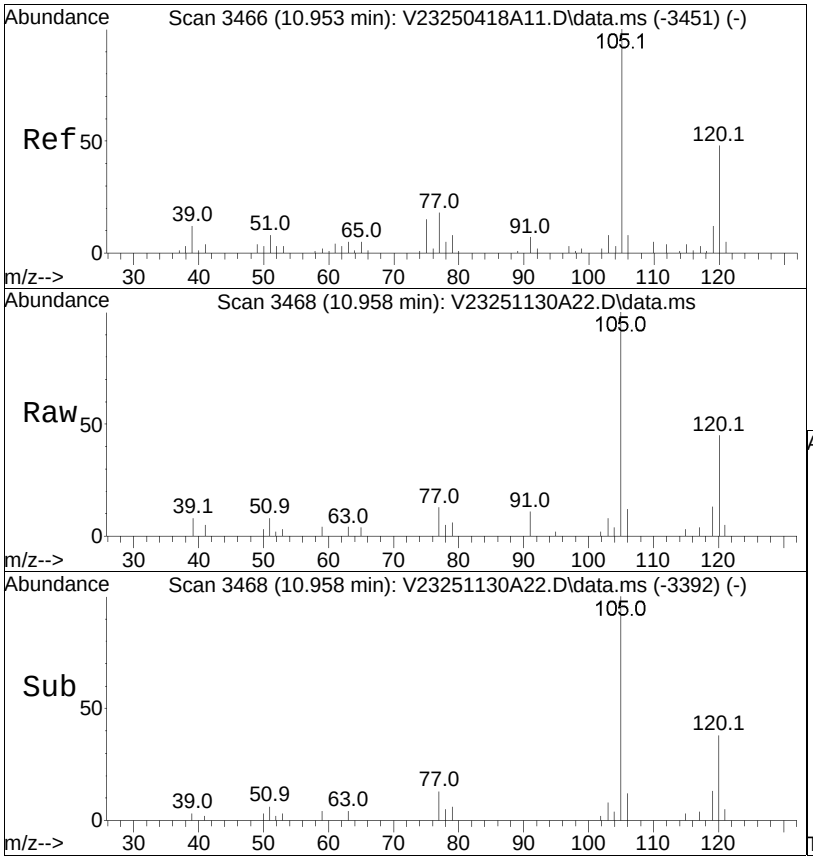


#88
4-Ethyltoluene
Concen: 1.42 ug/L
RT: 10.858 min Scan# 3432
Delta R.T. 0.017 min
Lab File: V23251130A22.D
Acq: 01 Dec 2025 02:08 am

Tgt Ion:105 Resp: 16254

Ion	Ratio	Lower	Upper
105	100		
120	29.5	19.4	40.4

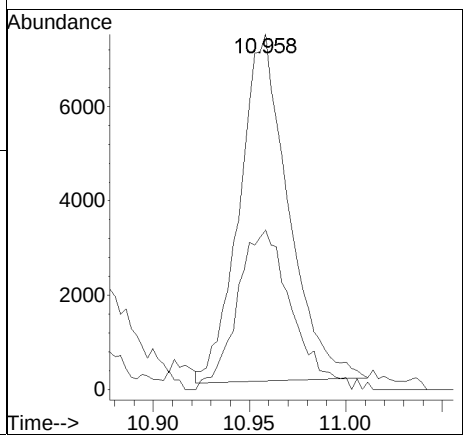


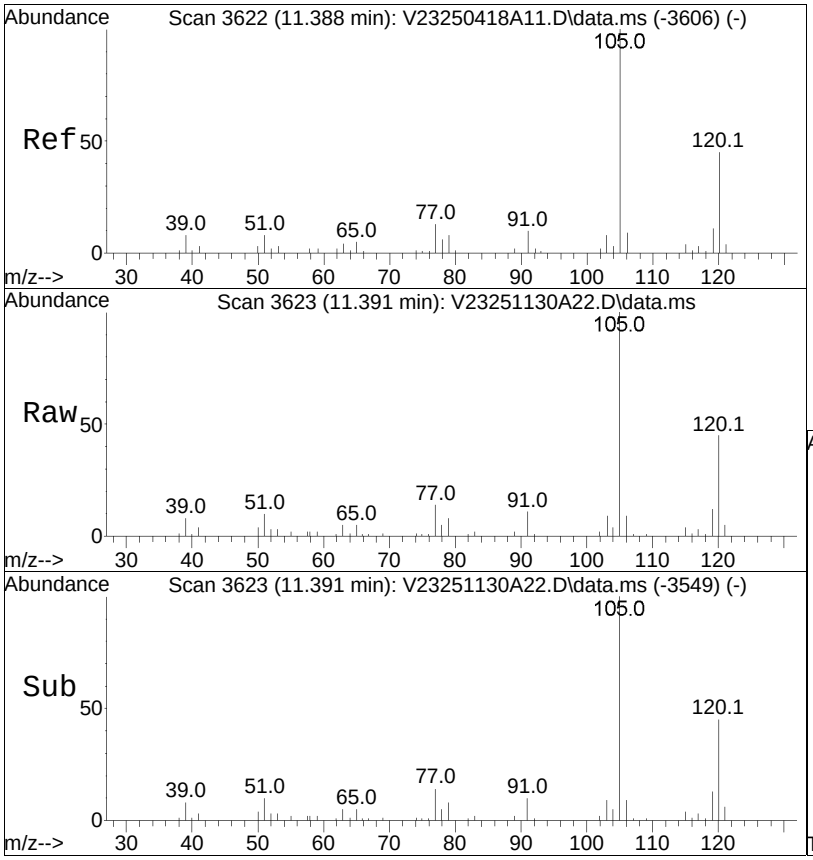


#90
1,3,5-Trimethylbenzene
Concen: 1.28 ug/L
RT: 10.958 min Scan# 3468
Delta R.T. 0.011 min
Lab File: V23251130A22.D
Acq: 01 Dec 2025 02:08 am

Tgt Ion:105 Resp: 13028

Ion	Ratio	Lower	Upper
105	100		
120	51.0	39.9	59.9

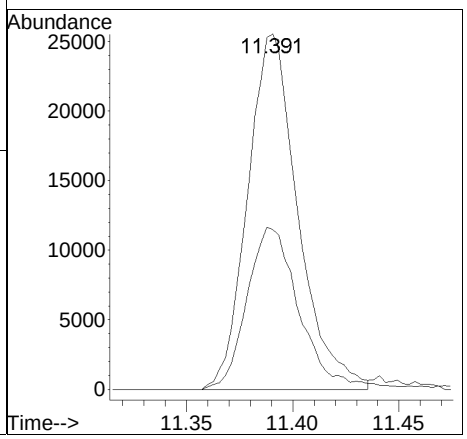


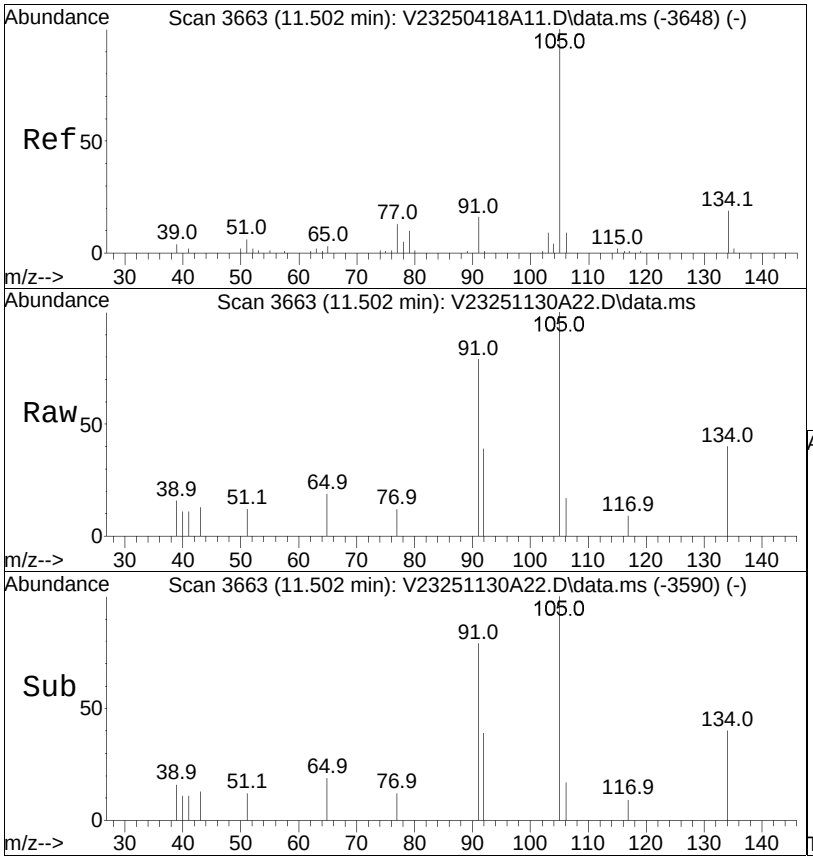


#97
1,2,4-Trimethylbenzene
Concen: 4.16 ug/L
RT: 11.391 min Scan# 3623
Delta R.T. 0.006 min
Lab File: V23251130A22.D
Acq: 01 Dec 2025 02:08 am

Tgt Ion:105 Resp: 42085

Ion	Ratio	Lower	Upper
105	100		
120	47.5	36.9	55.3

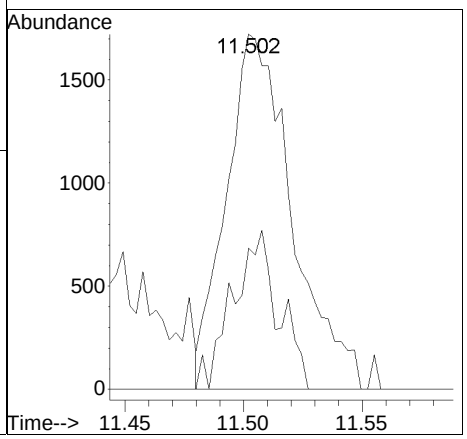


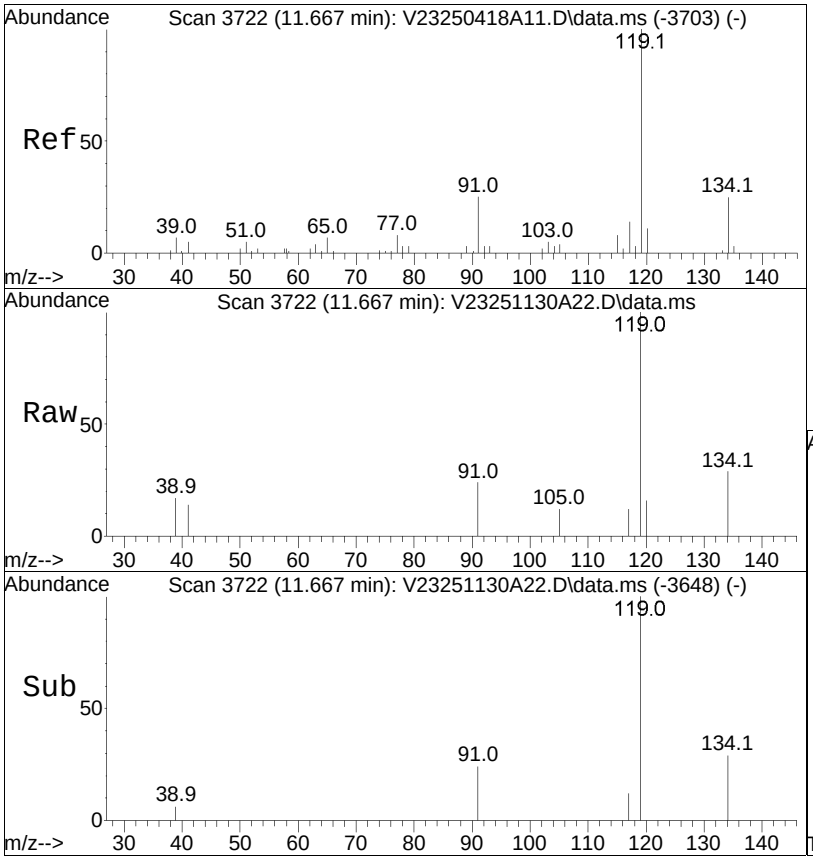


#98
sec-Butylbenzene
Concen: 0.26 ug/L
RT: 11.502 min Scan# 3663
Delta R.T. 0.003 min
Lab File: V23251130A22.D
Acq: 01 Dec 2025 02:08 am

Tgt Ion:105 Resp: 3330

Ion	Ratio	Lower	Upper
105	100		
134	26.8	13.1	27.1

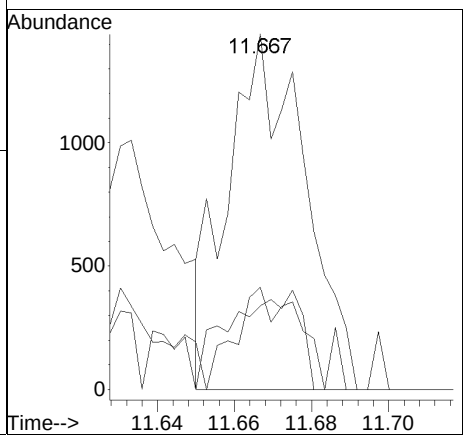


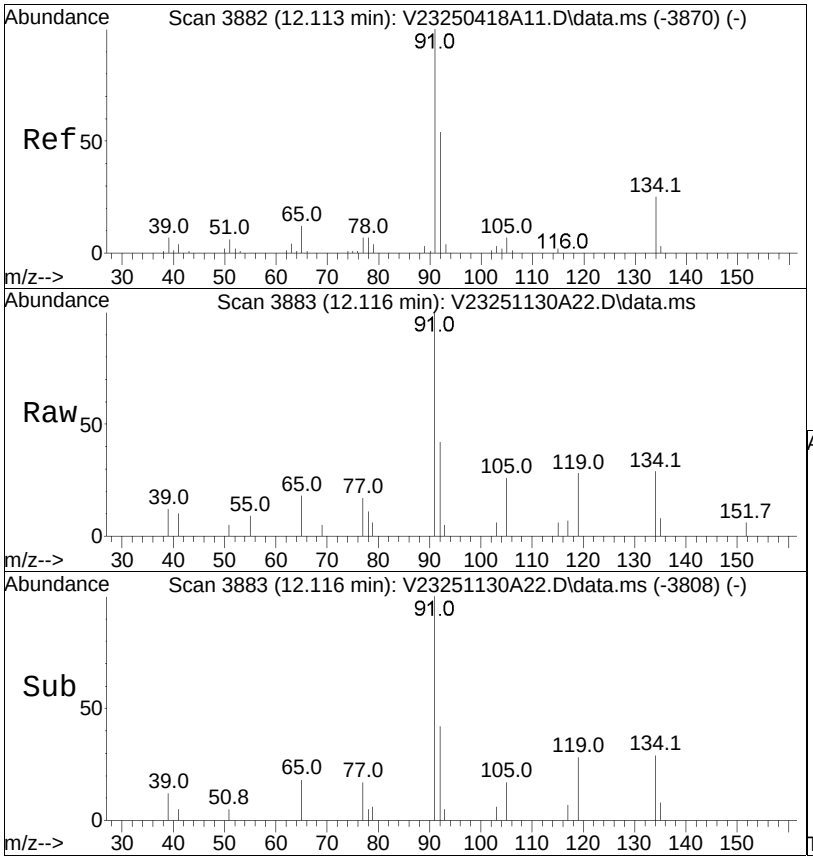


#99
p-Isopropyltoluene
Concen: 0.18 ug/L
RT: 11.667 min Scan# 3722
Delta R.T. 0.006 min
Lab File: V23251130A22.D
Acq: 01 Dec 2025 02:08 am

Tgt Ion:119 Resp: 2000

Ion	Ratio	Lower	Upper
119	100		
134	23.1	17.2	35.6
91	25.8	15.1	31.3

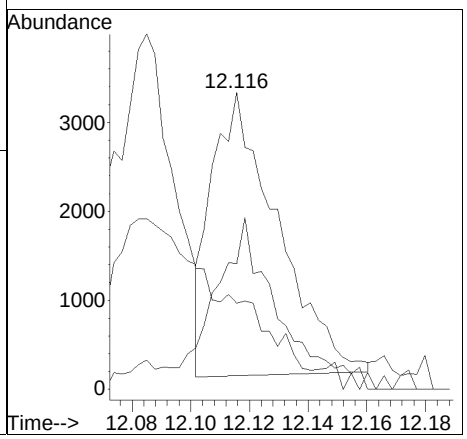


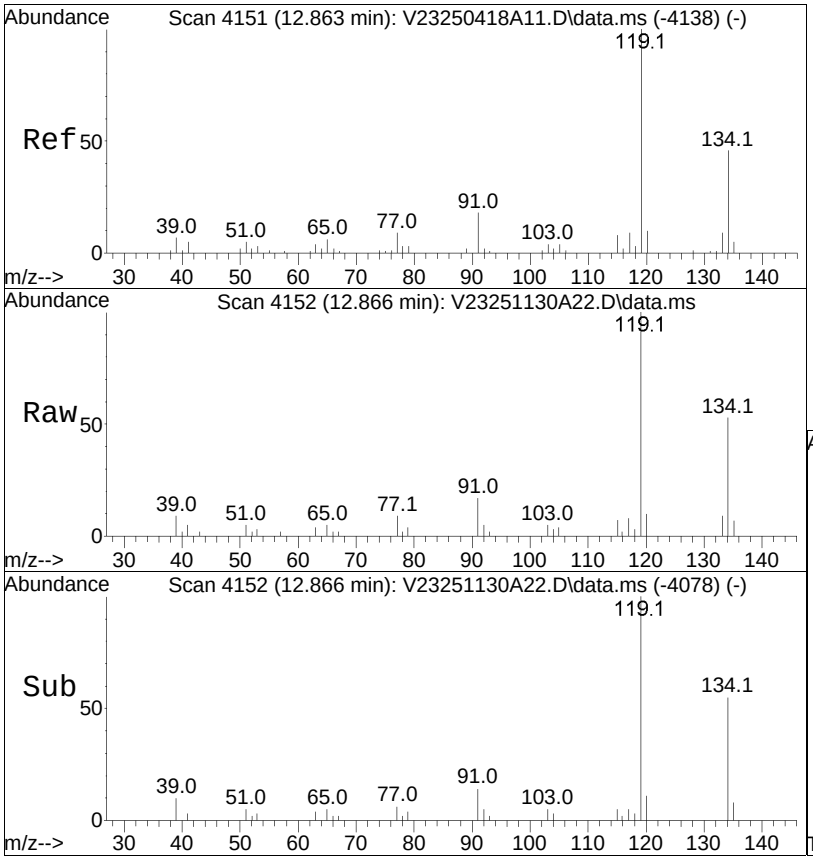


#103
n-Butylbenzene
Concen: 0.50 ug/L
RT: 12.116 min Scan# 3883
Delta R.T. 0.008 min
Lab File: V23251130A22.D
Acq: 01 Dec 2025 02:08 am

Tgt Ion: 91 Resp: 4935

Ion	Ratio	Lower	Upper
91	100		
92	58.5	44.2	66.4
134	0.0	21.2	31.8#

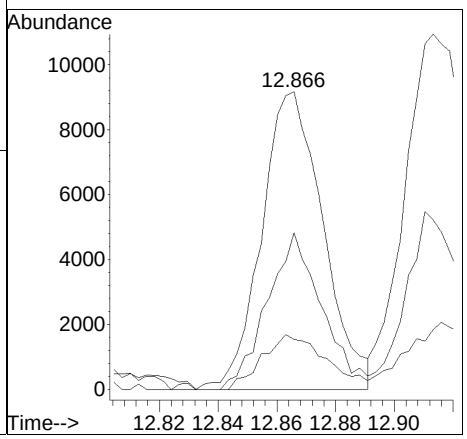


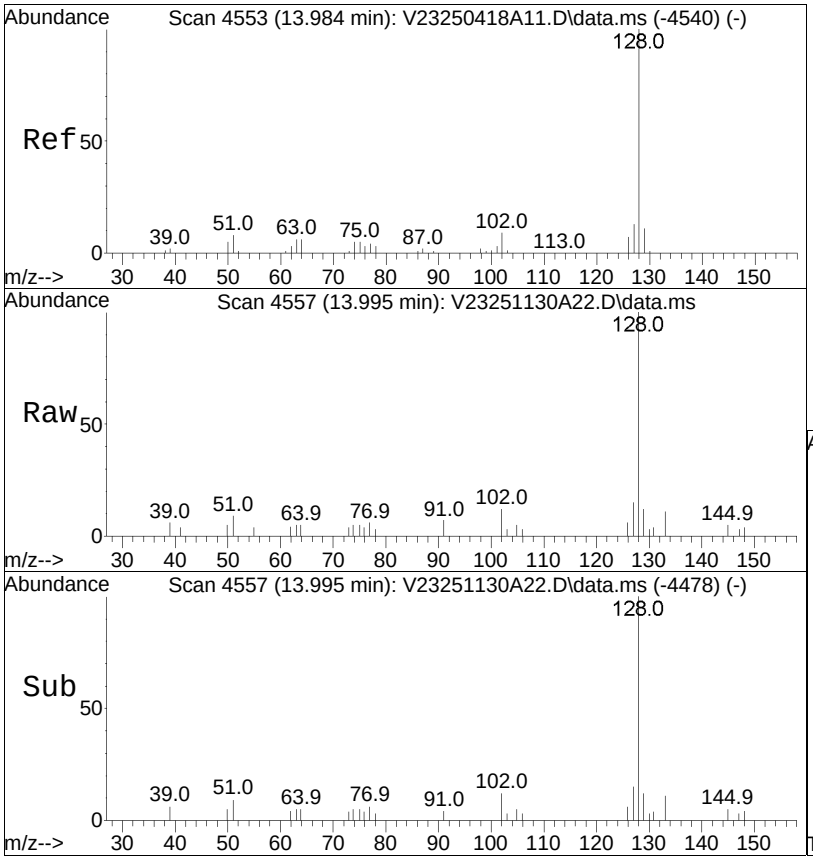


#105
1,2,4,5-Tetramethylbenzene
Concen: 1.25 ug/L
RT: 12.866 min Scan# 4152
Delta R.T. 0.006 min
Lab File: V23251130A22.D
Acq: 01 Dec 2025 02:08 am

Tgt Ion:119 Resp: 13323

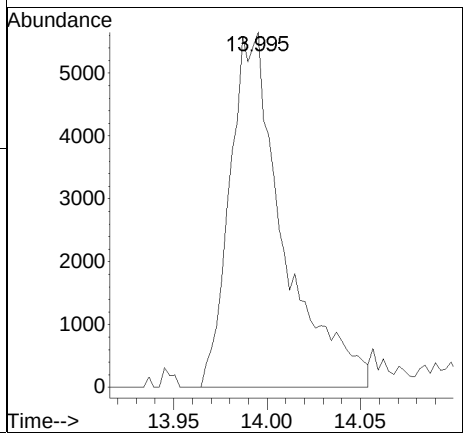
Ion	Ratio	Lower	Upper
119	100		
134	46.8	31.3	64.9
91	19.2	10.3	21.3





#110
Naphthalene
Concen: 1.48 ug/L
RT: 13.995 min Scan# 4557
Delta R.T. 0.020 min
Lab File: V23251130A22.D
Acq: 01 Dec 2025 02:08 am

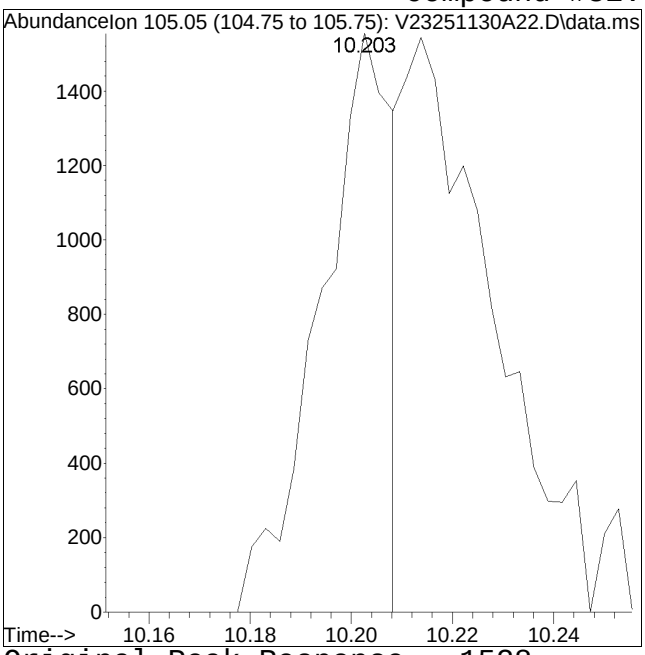
Tgt Ion:128 Resp: 11292



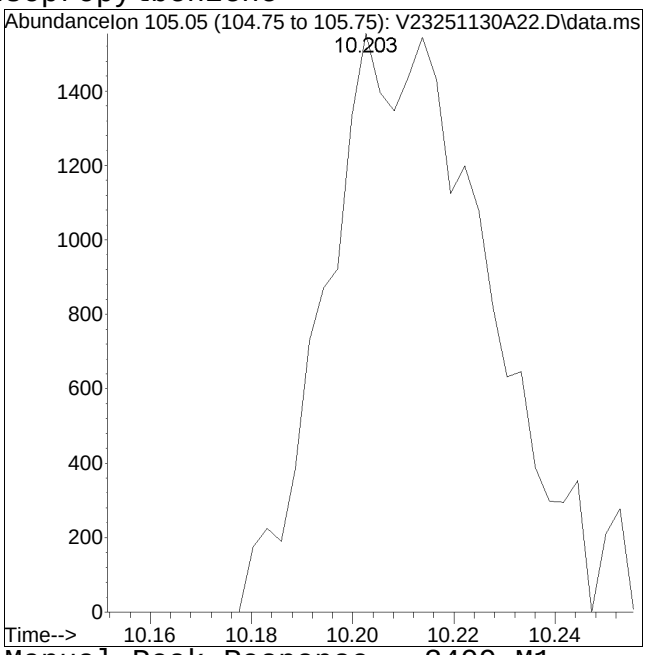
Manual Integration Report

Data Path : K:\VOA123\2025\251130A\ QMethod : V123_251103N_8260.m
Data File : V23251130A22.D Operator : VOA123:JIC
Date Inj'd : 12/1/2025 2:08 am Instrument : VOA123
Sample : L2574764-07,31H,6.34,5,0.1Quant Date : 12/1/2025 6:10 am

Compound #82: Isopropylbenzene



Original Peak Response = 1528



Manual Peak Response = 3409 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A23.D
Acq On : 01 Dec 2025 02:34 am
Operator : VOA123:JIC
Sample : L2574764-06D2,31H,5.92,5,0.005,,A,29.33,35.75
Misc : WG2147799,ICAL22792
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 01 06:24:51 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-BTEX_MTBE_124TMB - BTEX+M+124TMB

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.520	96	205583	20.000	ug/L	0.00
Standard Area 1 = 217255			Recovery = 94.63%			
59) Chlorobenzene-d5	8.992	117	144771	20.000	ug/L	0.00
Standard Area 1 = 158239			Recovery = 91.49%			
79) 1,4-Dichlorobenzene-d4	11.806	152	80976	20.000	ug/L	0.00
Standard Area 1 = 88479			Recovery = 91.52%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.734	113	45644	17.626	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 88.13%			
43) 1,2-Dichloroethane-d4	5.241	65	48176	18.176	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 90.88%			
60) Toluene-d8	7.177	98	193165	19.730	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.65%			
83) 4-Bromofluorobenzene	10.540	95	70238	19.402	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.01%			
Target Compounds						Qvalue
20) Methyl tert-butyl ether	0.000		0	N.D.		
41) Benzene	5.110	78	32	N.D.		
61) Toluene	7.227	92	318	N.D.		
74) Ethylbenzene	9.053	91	897341	73.657	ug/L	99
76) p/m Xylene	9.243	106	347043	76.188	ug/L	100
77) o Xylene	9.806	106	733M1	0.159	ug/L	
78) Styrene	0.000		0	N.D.		
97) 1,2,4-Trimethylbenzene	11.385	105	1480173	139.610	ug/L	99

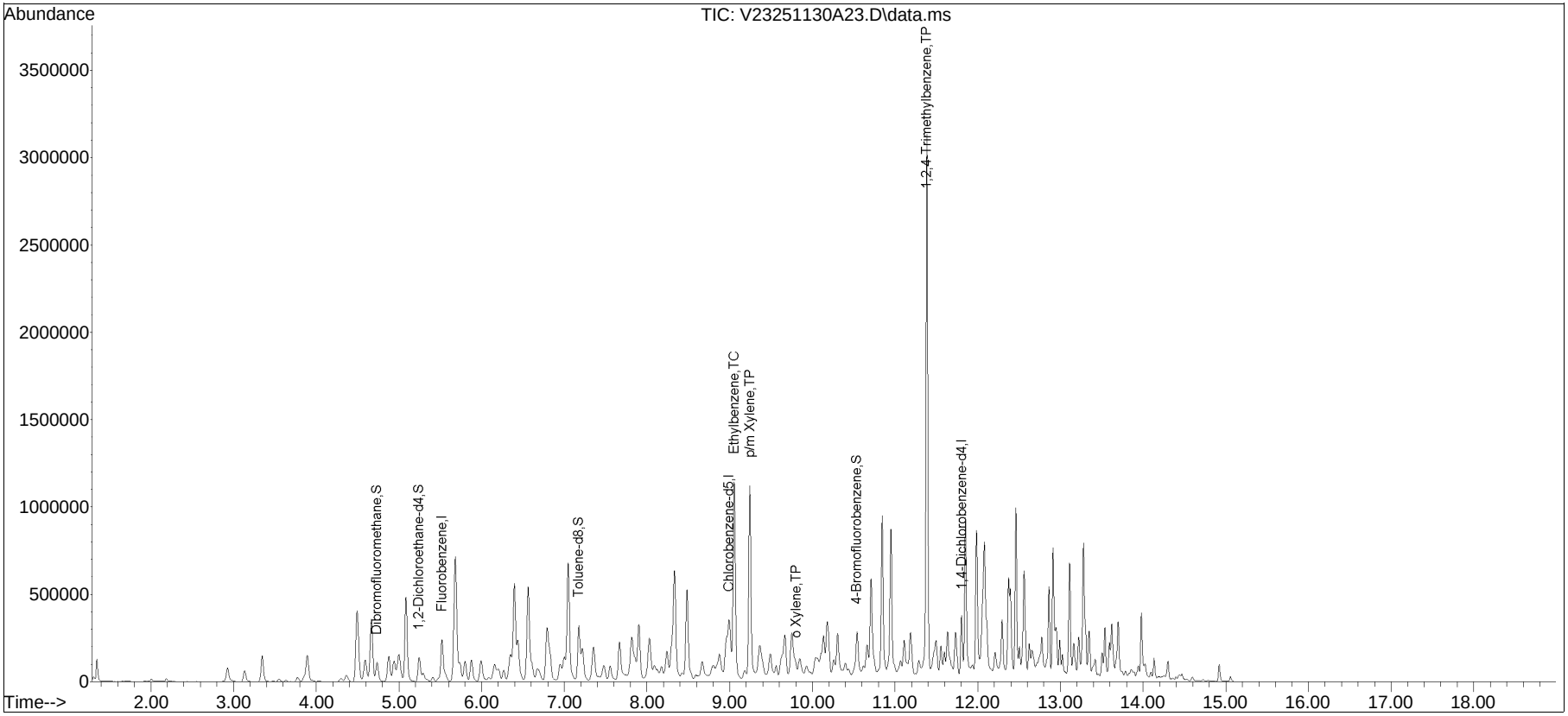
(#) = qualifier out of range (m) = manual integration (+) = signals summed

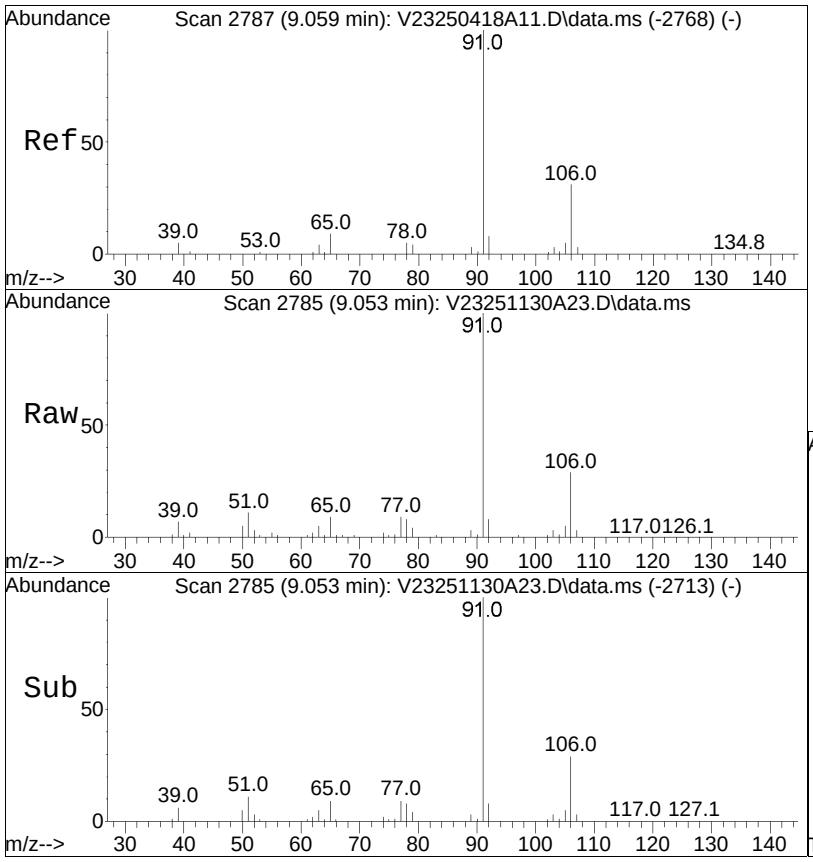
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A23.D
Acq On : 01 Dec 2025 02:34 am
Operator : VOA123:JIC
Sample : L2574764-06D2,31H,5.92,5,0.005,,A,29.33,35.75
Misc : WG2147799,ICAL22792
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 01 06:24:51 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-BTEX_MTBE_124TMB - BTEX+M+124TMB01.D•

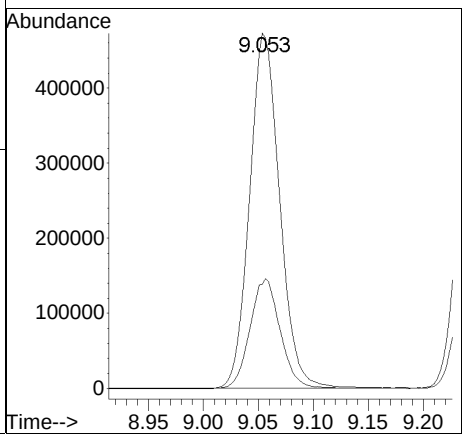


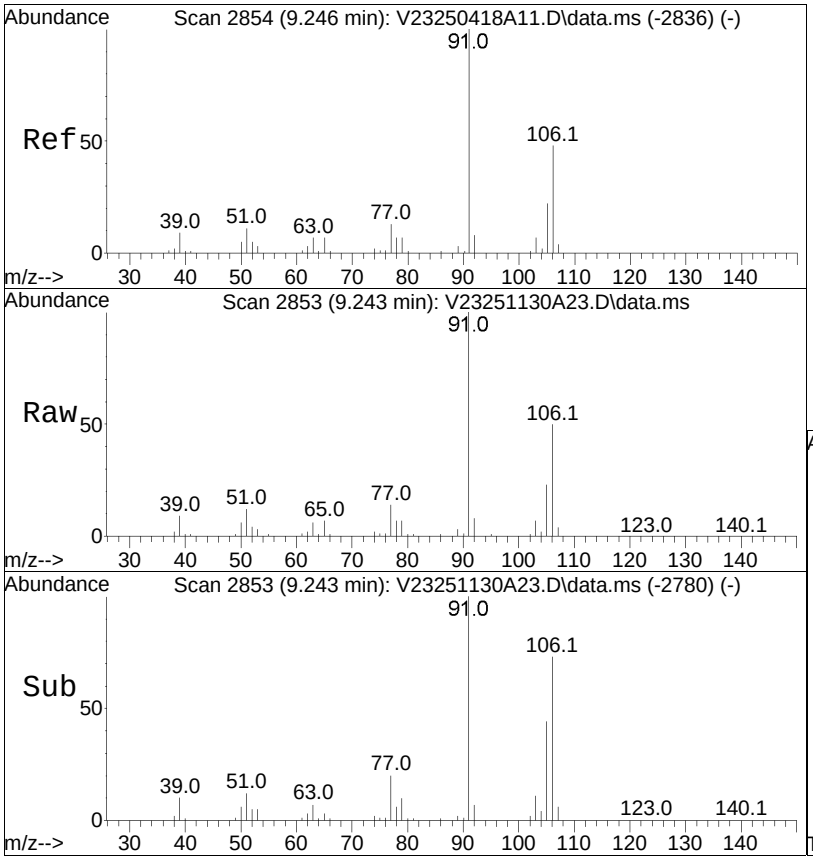


#74
Ethylbenzene
Concen: 73.66 ug/L
RT: 9.053 min Scan# 2785
Delta R.T. -0.000 min
Lab File: V23251130A23.D
Acq: 01 Dec 2025 02:34 am

Tgt Ion: 91 Resp: 897341

Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.2	37.8

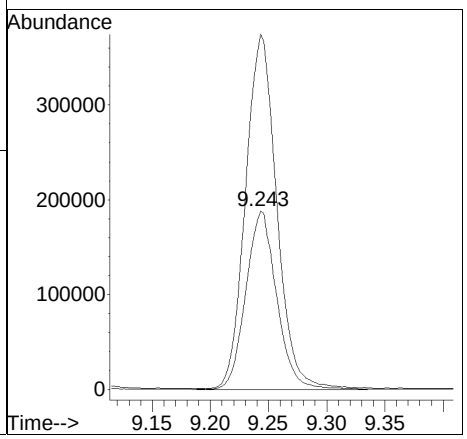


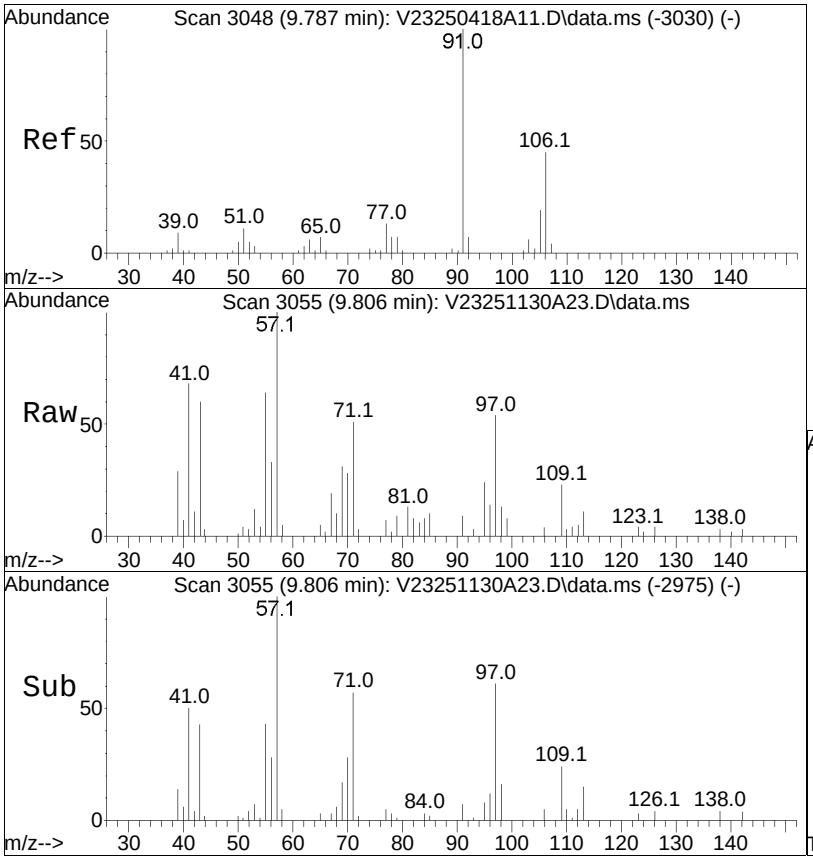


#76
p/m Xylene
Concen: 76.19 ug/L
RT: 9.243 min Scan# 2853
Delta R.T. 0.003 min
Lab File: V23251130A23.D
Acq: 01 Dec 2025 02:34 am

Tgt Ion:106 Resp: 347043

Ion	Ratio	Lower	Upper
106	100		
91	200.4	160.4	240.6

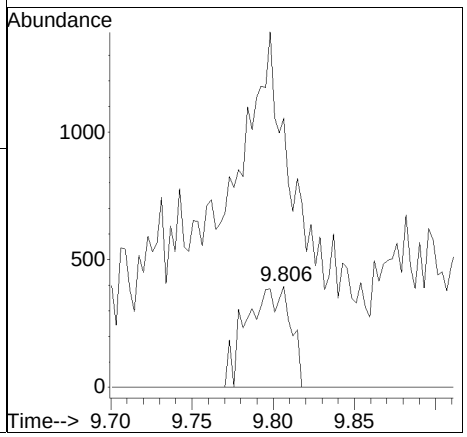


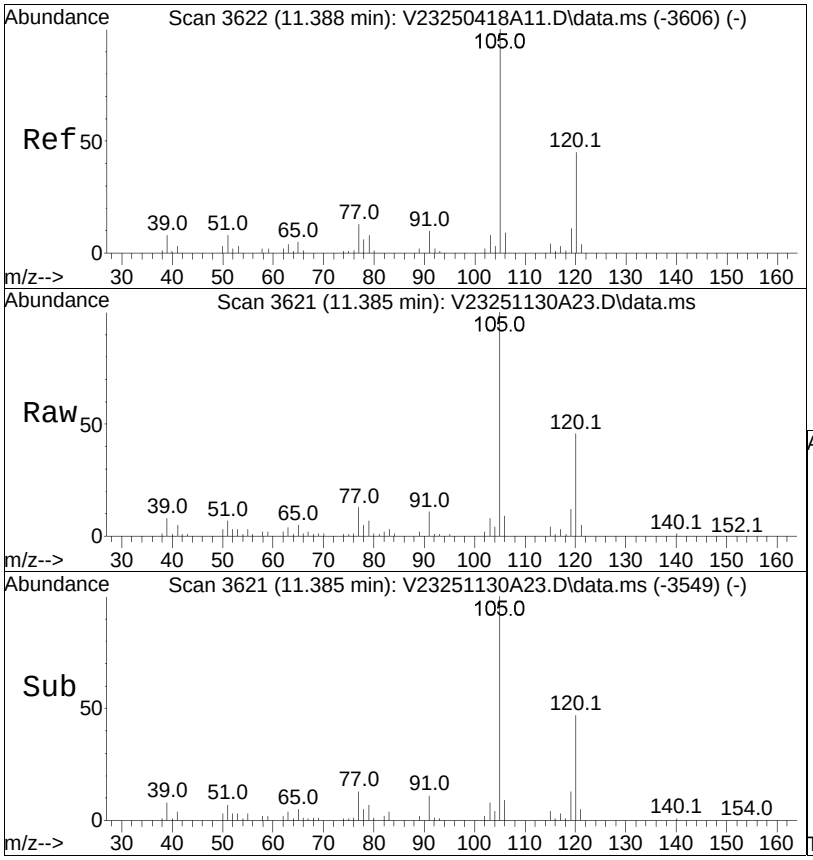


#77
o Xylene
Concen: 0.16 ug/L M1
RT: 9.806 min Scan# 3055
Delta R.T. 0.022 min
Lab File: V23251130A23.D
Acq: 01 Dec 2025 02:34 am

Tgt Ion:106 Resp: 733

Ion	Ratio	Lower	Upper
106	100		
91	249.5	169.6	254.4

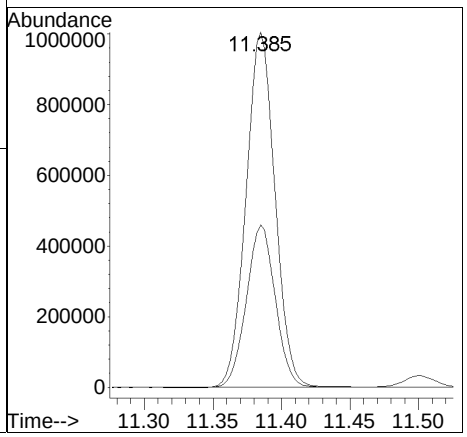




#97
1,2,4-Trimethylbenzene
Concen: 139.61 ug/L
RT: 11.385 min Scan# 3621
Delta R.T. -0.000 min
Lab File: V23251130A23.D
Acq: 01 Dec 2025 02:34 am

Tgt Ion:105 Resp: 1480173

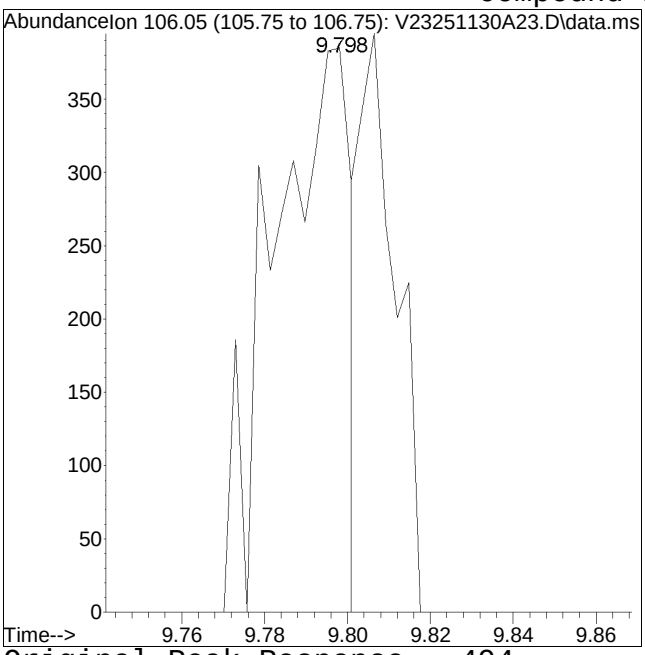
Ion	Ratio	Lower	Upper
105	100		
120	45.6	36.9	55.3

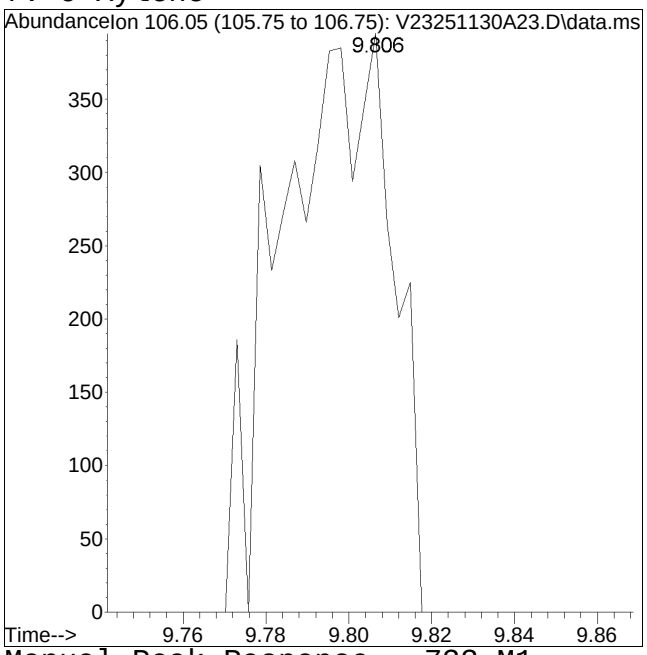


Manual Integration Report

Data Path : K:\VOA123\2025\251130A\ QMethod : V123_251103N_8260.m
Data File : V23251130A23.D Operator : VOA123:JIC
Date Inj'd : 12/1/2025 2:34 am Instrument : VOA123
Sample : L2574764-06D2,31H,5.92,5,0Quant Date : 12/1/2025 6:10 am

Compound #77: o Xylene





Original Peak Response = 494 Manual Peak Response = 733 M1

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

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2574764**
Project Name	**: 545-547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391-001-003-01**
Instrument ID	**: VOA123**	**Ical Ref**	**: ICAL22792**
Calibration dates	**: 11/03/25 20:17 11/04/25 00:11**		

Calibration Files

L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D

L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluoromethane	0.144	0.195	0.238	0.226	0.243	0.232	0.241		0.244	0.220	15.69
3)	TP	Chloromethane	0.205	0.204	0.248	0.245	0.253	0.249	0.261		0.251	0.240	9.25
4)	TC	Vinyl chloride	0.148	0.228	0.283	0.272	0.288	0.280	0.296		0.285	0.260	19.16
5)	TP	Bromomethane	0.130	0.133	0.158	0.164	0.184	0.197	0.214		0.151	0.166	18.10
6)	TP	Chloroethane	0.143	0.148	0.178	0.182	0.201	0.205	0.210		0.176	0.180	13.91
7)	TP	Trichlorofluoromethane	0.272	0.348	0.416	0.402	0.425	0.424	0.451		0.410	0.393	14.55
8)	TP	Ethyl ether	0.105	0.127	0.138	0.136	0.140	0.139	0.143		0.123	0.132	9.81
10)	TC	1,1-Dichloroethene	0.150	0.185	0.217	0.213	0.227	0.222	0.237		0.214	0.208	13.45
11)	TP	Carbon disulfide	0.752	0.680	0.764	0.735	0.777	0.761	0.803		0.861	0.767	6.80
12)	TP	Freon-113	0.152	0.186	0.211	0.217	0.231	0.223	0.243		0.225	0.211	13.73
14)	TP	Acrolein	0.023	0.025	0.026	0.026	0.026	0.027	0.029		0.027	0.026	6.69
15)	TP	Methylene chloride	0.248	0.253	0.276	0.270	0.271	0.268	0.278		0.297	0.270	5.61
17)	TP	Acetone		0.147	0.071	0.066	0.062	0.058	0.058			*L	0.9997
18)	TP	trans-1,2-Dichloroethene	0.173	0.215	0.259	0.255	0.262	0.259	0.271		0.252	0.243	13.47
19)	TP	Methyl acetate	0.102	0.101	0.102	0.108	0.111	0.107	0.106		0.095	0.104	4.75
20)	TP	Methyl tert-butyl ether	0.603	0.648	0.706	0.714	0.729	0.723	0.736		0.692	0.694	6.63
21)	TP	tert-Butyl alcohol	0.015	0.018	0.020	0.021	0.020	0.021	0.020		0.018	0.019	9.74
22)	TP	Diisopropyl ether	0.630	0.683	0.774	0.771	0.786	0.784	0.803		0.766	0.750	8.05
23)	TP	1,1-Dichloroethane	0.346	0.407	0.477	0.465	0.478	0.471	0.475		0.459	0.447	10.53
24)	TP	Halothane	0.133	0.156	0.191	0.187	0.196	0.193	0.203		0.190	0.181	13.20
25)	TP	Acrylonitrile		0.047	0.056	0.055	0.059	0.059	0.057		0.045	0.054	10.23
26)	TP	Ethyl tert-butyl ether	0.614	0.697	0.781	0.782	0.808	0.811	0.834		0.750	0.760	9.53
27)	TP	Vinyl acetate	0.463	0.470	0.524	0.541	0.548	0.552	0.567		0.474	0.517	8.08
28)	TP	cis-1,2-Dichloroethene	0.224	0.254	0.295	0.291	0.295	0.292	0.302		0.279	0.279	9.58
29)	TP	2,2-Dichloropropane	0.280	0.324	0.385	0.380	0.395	0.386	0.407		0.388	0.368	11.76
30)	TP	Bromochloromethane	0.099	0.118	0.131	0.132	0.132	0.129	0.132		0.123	0.125	9.28
31)	TP	Cyclohexane	0.298	0.335	0.361	0.382	0.399	0.385	0.415		0.408	0.373	10.68
32)	TC	Chloroform	0.716	0.517	0.507	0.492	0.495	0.486	0.502		0.663	0.547	16.32
33)	TP	Ethyl acetate		0.154	0.175	0.178	0.183	0.178	0.182		0.175	0.175	5.62
34)	TP	Carbon tetrachloride	0.267	0.309	0.357	0.366	0.388	0.374	0.406		0.370	0.355	12.70
35)	TP	Tetrahydrofuran		0.052	0.054	0.054	0.054	0.053	0.054		0.067	0.055	9.22
36)	S	Dibromofluoromethane	0.247	0.248	0.252	0.255	0.254	0.256	0.255	0.249	0.251	0.252	1.32
37)	TP	1,1,1-Trichloroethane	0.298	0.346	0.408	0.406	0.419	0.407	0.429	0.282	0.410	0.378	14.59
39)	TP	2-Butanone		0.104	0.071	0.070	0.072	0.069	0.070			0.076	18.01
40)	TP	1,1-Dichloropropene	0.234	0.270	0.318	0.313	0.324	0.314	0.333	0.230	0.315	0.295	13.33

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2574764**
Project Name	**: 545-547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391-001-003-01**
Instrument ID	**: VOA123**	**Ical Ref**	**: ICAL22792**
Calibration dates	**: 11/03/25 20:17 11/04/25 00:11**		

Calibration Files

L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D

L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
41)	TP	Benzene	0.764	0.848	0.992	0.988	1.002	0.982	1.025	0.800	0.990	0.932	10.65
42)	TP	tert-Amyl methyl ether	0.565	0.621	0.695	0.701	0.713	0.714	0.735		0.649	0.674	8.56
43)	S	1,2-Dichloroethane-d4	0.250	0.261	0.250	0.256	0.255	0.260	0.272	0.257	0.259	0.258	2.56
44)	TP	1,2-Dichloroethane	0.299	0.324	0.352	0.350	0.353	0.349	0.358		0.334	0.340	5.88
47)	TP	Methyl cyclohexane	0.312	0.364	0.382	0.418	0.441	0.427	0.467		0.409	0.403	12.11
48)	TP	Trichloroethene	0.198	0.234	0.273	0.272	0.282	0.280	0.299	0.198	0.267	0.256	14.52
50)	TP	Dibromomethane	0.114	0.145	0.158	0.159	0.163	0.162	0.167		0.148	0.152	11.29
51)	TC	1,2-Dichloropropane	0.221	0.233	0.268	0.266	0.266	0.267	0.275		0.257	0.257	7.49
53)	TP	2-Chloroethyl vinyl ether	0.062	0.099	0.115	0.119	0.121	0.119	0.121		0.092	0.106	19.85
54)	TP	Bromodichloromethane	0.284	0.321	0.384	0.386	0.395	0.395	0.412	0.305	0.362	0.360	12.72
57)	TP	1,4-Dioxane		0.001	0.002	0.002	0.002	0.002	0.002		0.001	0.001#	14.15
58)	TP	cis-1,3-Dichloropropene	0.312	0.366	0.423	0.437	0.444	0.447	0.461	0.306	0.372	0.396	14.93
59)	I	Chlorobenzene-d5	----------ISTD----------										
60)	S	Toluene-d8	1.361	1.370	1.367	1.348	1.338	1.339	1.329	1.363	1.358	1.353	1.07
61)	TC	Toluene	0.687	0.778	0.886	0.877	0.905	0.886	0.923		0.860	0.850	9.28
62)	TP	4-Methyl-2-pentanone	0.055	0.086	0.097	0.099	0.106	0.103	0.103		0.075	0.091	19.31
63)	TP	Tetrachloroethene	0.284	0.341	0.378	0.393	0.412	0.397	0.424	0.278	0.384	0.366	14.53
65)	TP	trans-1,3-Dichloropropene	0.321	0.422	0.509	0.521	0.544	0.535	0.544		0.435	0.479	16.64
67)	TP	Ethyl methacrylate	0.261	0.328	0.388	0.392	0.413	0.404	0.407		0.294	0.361	16.18
68)	TP	1,1,2-Trichloroethane	0.196	0.233	0.255	0.253	0.256	0.252	0.254		0.254	0.244	8.46
69)	TP	Chlorodibromomethane	0.272	0.320	0.378	0.385	0.407	0.404	0.410	0.261	0.319	0.351	16.81
70)	TP	1,3-Dichloropropane	0.400	0.461	0.506	0.504	0.515	0.499	0.499		0.474	0.482	7.82
71)	TP	1,2-Dibromoethane	0.210	0.260	0.299	0.301	0.310	0.304	0.304	0.202	0.250	0.271	15.65
72)	TP	2-Hexanone		0.153	0.155	0.160	0.173	0.168	0.166			0.162	4.91
73)	TP	Chlorobenzene	0.773	0.917	1.031	1.025	1.053	1.043	1.067	0.841	0.995	0.972	10.75
74)	TC	Ethylbenzene	1.397	1.558	1.692	1.713	1.770	1.742	1.805		1.788	1.683	8.27
75)	TP	1,1,1,2-Tetrachloroethane	0.280	0.334	0.382	0.388	0.403	0.402	0.409	0.255	0.343	0.355	15.91
76)	TP	p/m Xylene	0.491	0.584	0.652	0.668	0.697	0.689	0.720	0.505	0.658	0.629	13.30
77)	TP	o Xylene	0.502	0.586	0.655	0.668	0.695	0.696	0.721	0.538	0.655	0.635	11.96
78)	TP	Styrene	0.810	0.961	1.115	1.143	1.214	1.211	1.245	0.899	1.035	1.070	14.35
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform	0.328	0.351	0.426	0.454	0.507	0.508	0.516		0.384	0.434	17.08
82)	TP	Isopropylbenzene	2.350	2.790	2.990	3.143	3.256	3.153	3.229		3.074	2.998	10.04
83)	S	4-Bromofluorobenzene	0.909	0.903	0.898	0.897	0.891	0.870	0.850	0.909	0.921	0.894	2.44
84)	TP	Bromobenzene	0.657	0.764	0.834	0.843	0.855	0.848	0.853		0.812	0.808	8.41
85)	TP	n-Propylbenzene	2.846	3.301	3.574	3.743	3.872	3.736	3.821		3.659	3.569	9.57

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2574764**
Project Name	**: 545-547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391-001-003-01**
Instrument ID	**: VOA123**	**Ical Ref**	**: ICAL22792**
Calibration dates	**: 11/03/25 20:17 11/04/25 00:11**		

Calibration Files

L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D

L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

	Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
86) TP	1,4-Dichlorobutane	0.813	0.852	0.914	0.932	0.958	0.945	0.941		0.932	0.911	5.62
87) TP	1,1,2,2-Tetrachloroethane	0.599	0.643	0.694	0.692	0.699	0.681	0.669	0.601	0.661	0.660	5.82
88) TP	4-Ethyltoluene	2.361	2.744	2.990	3.140	3.224	3.122	3.174		3.006	2.970	9.71
89) TP	2-Chlorotoluene	1.856	2.059	2.268	2.302	2.391	2.296	2.340		2.315	2.229	8.05
90) TP	1,3,5-Trimethylbenzene	2.165	2.479	2.613	2.758	2.833	2.753	2.819		2.656	2.635	8.48
91) TP	1,2,3-Trichloropropane	0.472	0.511	0.524	0.532	0.546	0.527	0.522		0.539	0.522	4.34
92) TP	trans-1,4-Dichloro-2-b...		0.150	0.184	0.189	0.200	0.192	0.191			0.184	9.56
93) TP	4-Chlorotoluene	1.852	2.111	2.314	2.373	2.415	2.356	2.383		2.315	2.265	8.43
94) TP	tert-Butylbenzene	1.780	2.064	2.174	2.326	2.383	2.296	2.407		2.218	2.206	9.35
97) TP	1,2,4-Trimethylbenzene	2.100	2.442	2.627	2.748	2.804	2.769	2.833		2.626	2.619	9.36
98) TP	sec-Butylbenzene	2.581	3.076	3.202	3.479	3.615	3.463	3.602		3.382	3.300	10.45
99) TP	p-Isopropyltoluene	2.273	2.626	2.809	3.026	3.123	3.026	3.144		2.838	2.858	10.31
100) TP	1,3-Dichlorobenzene	1.218	1.399	1.545	1.610	1.650	1.628	1.647		1.527	1.528	9.85
101) TP	1,4-Dichlorobenzene	1.392	1.476	1.557	1.630	1.634	1.619	1.626		1.589	1.565	5.61
102) TP	p-Diethylbenzene	1.305	1.562	1.673	1.800	1.842	1.821	1.881		1.654	1.692	11.27
103) TP	n-Butylbenzene	1.994	2.355	2.528	2.725	2.792	2.715	2.772		2.629	2.564	10.60
104) TP	1,2-Dichlorobenzene	1.163	1.336	1.459	1.517	1.542	1.513	1.523		1.406	1.432	9.04
105) TP	1,2,4,5-Tetramethylben...	2.233	2.569	2.745	2.939	2.947	2.964	3.032		2.612	2.755	9.88
106) TP	1,2-Dibromo-3-chloropr...		0.086	0.099	0.105	0.114	0.112	0.113		0.078	0.101	14.19
107) TP	1,3,5-Trichlorobenzene	0.966	1.106	1.187	1.241	1.248	1.231	1.237		1.195	1.176	8.25
108) TP	Hexachlorobutadiene	0.491	0.547	0.555	0.617	0.629	0.612	0.643		0.593	0.586	8.74
109) TP	1,2,4-Trichlorobenzene	0.872	1.019	1.030	1.107	1.072	1.063	1.057		1.037	1.032	6.83
110) TP	Naphthalene	1.849	1.932	2.015	2.084	2.040	1.957	1.951		1.997	1.978	3.67
111) TP	1,2,3-Trichlorobenzene	0.734	0.882	0.902	0.958	0.919	0.884	0.863		0.929	0.884	7.66

Response Factor Report VOA123

Method Path : K:\VOA123\2025\251103NICAL\
Method File : V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025
Response Via : Initial Calibration

Calibration Files
L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D
L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluo...	0.144	0.195	0.238	0.226	0.243	0.232	0.241	0.244	0.220		15.69
3)	TP	Chloromethane	0.205	0.204	0.248	0.245	0.253	0.249	0.261	0.251	0.240		9.25
4)	TC	Vinyl chloride	0.148	0.228	0.283	0.272	0.288	0.280	0.296	0.285	0.260		19.16
5)	TP	Bromomethane	0.130	0.133	0.158	0.164	0.184	0.197	0.214	0.151	0.166		18.10
6)	TP	Chloroethane	0.143	0.148	0.178	0.182	0.201	0.205	0.210	0.176	0.180		13.91
7)	TP	Trichlorofluor...	0.272	0.348	0.416	0.402	0.425	0.424	0.451	0.410	0.393		14.55
8)	TP	Ethyl ether	0.105	0.127	0.138	0.136	0.140	0.139	0.143	0.123	0.132		9.81
10)	TC	1,1-Dichloroet...	0.150	0.185	0.217	0.213	0.227	0.222	0.237	0.214	0.208		13.45
11)	TP	Carbon disulfide	0.752	0.680	0.764	0.735	0.777	0.761	0.803	0.861	0.767		6.80
12)	TP	Freon-113	0.152	0.186	0.211	0.217	0.231	0.223	0.243	0.225	0.211		13.73
14)	TP	Acrolein	0.023	0.025	0.026	0.026	0.026	0.027	0.029	0.027	0.026		6.69
15)	TP	Methylene chlo...	0.248	0.253	0.276	0.270	0.271	0.268	0.278	0.297	0.270		5.61
17)	TP	Acetone		0.147	0.071	0.066	0.062	0.058	0.058		*L		0.9997
18)	TP	trans-1,2-Dich...	0.173	0.215	0.259	0.255	0.262	0.259	0.271	0.252	0.243		13.47
19)	TP	Methyl acetate	0.102	0.101	0.102	0.108	0.111	0.107	0.106	0.095	0.104		4.75
20)	TP	Methyl tert-bu...	0.603	0.648	0.706	0.714	0.729	0.723	0.736	0.692	0.694		6.63
21)	TP	tert-Butyl alc...	0.015	0.018	0.020	0.021	0.020	0.021	0.020	0.018	0.019		9.74
22)	TP	Diisopropyl ether	0.630	0.683	0.774	0.771	0.786	0.784	0.803	0.766	0.750		8.05
23)	TP	1,1-Dichloroet...	0.346	0.407	0.477	0.465	0.478	0.471	0.475	0.459	0.447		10.53
24)	TP	Halothane	0.133	0.156	0.191	0.187	0.196	0.193	0.203	0.190	0.181		13.20
25)	TP	Acrylonitrile		0.047	0.056	0.055	0.059	0.059	0.057	0.045	0.054		10.23
26)	TP	Ethyl tert-but...	0.614	0.697	0.781	0.782	0.808	0.811	0.834	0.750	0.760		9.53
27)	TP	Vinyl acetate	0.463	0.470	0.524	0.541	0.548	0.552	0.567	0.474	0.517		8.08
28)	TP	cis-1,2-Dichlo...	0.224	0.254	0.295	0.291	0.295	0.292	0.302	0.279	0.279		9.58
29)	TP	2,2-Dichloropr...	0.280	0.324	0.385	0.380	0.395	0.386	0.407	0.388	0.368		11.76
30)	TP	Bromochloromet...	0.099	0.118	0.131	0.132	0.132	0.129	0.132	0.123	0.125		9.28
31)	TP	Cyclohexane	0.298	0.335	0.361	0.382	0.399	0.385	0.415	0.408	0.373		10.68
32)	TC	Chloroform	0.716	0.517	0.507	0.492	0.495	0.486	0.502	0.663	0.547		16.32
33)	TP	Ethyl acetate		0.154	0.175	0.178	0.183	0.178	0.182	0.175	0.175		5.62
34)	TP	Carbon tetrach...	0.267	0.309	0.357	0.366	0.388	0.374	0.406	0.370	0.355		12.70

Response Factor Report VOA123

Method Path : K:\VOA123\2025\251103NICAL\
Method File : V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025
Response Via : Initial Calibration

Calibration Files
L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D
L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
35)	TP	Tetrahydrofuran		0.052	0.054	0.054	0.054	0.053	0.054		0.067	0.055	9.22
36)	S	Dibromofluorom...	0.247	0.248	0.252	0.255	0.254	0.256	0.255	0.249	0.251	0.252	1.32
37)	TP	1,1,1-Trichlor...	0.298	0.346	0.408	0.406	0.419	0.407	0.429	0.282	0.410	0.378	14.59
39)	TP	2-Butanone		0.104	0.071	0.070	0.072	0.069	0.070			0.076	18.01
40)	TP	1,1-Dichloropr...	0.234	0.270	0.318	0.313	0.324	0.314	0.333	0.230	0.315	0.295	13.33
41)	TP	Benzene	0.764	0.848	0.992	0.988	1.002	0.982	1.025	0.800	0.990	0.932	10.65
42)	TP	tert-Amyl meth...	0.565	0.621	0.695	0.701	0.713	0.714	0.735		0.649	0.674	8.56
43)	S	1,2-Dichloroet...	0.250	0.261	0.250	0.256	0.255	0.260	0.272	0.257	0.259	0.258	2.56
44)	TP	1,2-Dichloroet...	0.299	0.324	0.352	0.350	0.353	0.349	0.358		0.334	0.340	5.88
47)	TP	Methyl cyclohe...	0.312	0.364	0.382	0.418	0.441	0.427	0.467		0.409	0.403	12.11
48)	TP	Trichloroethene	0.198	0.234	0.273	0.272	0.282	0.280	0.299	0.198	0.267	0.256	14.52
50)	TP	Dibromomethane	0.114	0.145	0.158	0.159	0.163	0.162	0.167		0.148	0.152	11.29
51)	TC	1,2-Dichloropr...	0.221	0.233	0.268	0.266	0.266	0.267	0.275		0.257	0.257	7.49
53)	TP	2-Chloroethyl ...	0.062	0.099	0.115	0.119	0.121	0.119	0.121		0.092	0.106	19.85
54)	TP	Bromodichlorom...	0.284	0.321	0.384	0.386	0.395	0.395	0.412	0.305	0.362	0.360	12.72
57)	TP	1,4-Dioxane		0.001	0.002	0.002	0.002	0.002	0.002		0.001	0.001#	14.15
58)	TP	cis-1,3-Dichlo...	0.312	0.366	0.423	0.437	0.444	0.447	0.461	0.306	0.372	0.396	14.93
59)	I	Chlorobenzene-d5	----------ISTD----------										
60)	S	Toluene-d8	1.361	1.370	1.367	1.348	1.338	1.339	1.329	1.363	1.358	1.353	1.07
61)	TC	Toluene	0.687	0.778	0.886	0.877	0.905	0.886	0.923		0.860	0.850	9.28
62)	TP	4-Methyl-2-pen...	0.055	0.086	0.097	0.099	0.106	0.103	0.103		0.075	0.091	19.31
63)	TP	Tetrachloroethene	0.284	0.341	0.378	0.393	0.412	0.397	0.424	0.278	0.384	0.366	14.53
65)	TP	trans-1,3-Dich...	0.321	0.422	0.509	0.521	0.544	0.535	0.544		0.435	0.479	16.64
67)	TP	Ethyl methacry...	0.261	0.328	0.388	0.392	0.413	0.404	0.407		0.294	0.361	16.18
68)	TP	1,1,2-Trichlor...	0.196	0.233	0.255	0.253	0.256	0.252	0.254		0.254	0.244	8.46
69)	TP	Chlorodibromom...	0.272	0.320	0.378	0.385	0.407	0.404	0.410	0.261	0.319	0.351	16.81
70)	TP	1,3-Dichloropr...	0.400	0.461	0.506	0.504	0.515	0.499	0.499		0.474	0.482	7.82
71)	TP	1,2-Dibromoethane	0.210	0.260	0.299	0.301	0.310	0.304	0.304	0.202	0.250	0.271	15.65
72)	TP	2-Hexanone		0.153	0.155	0.160	0.173	0.168	0.166			0.162	4.91
73)	TP	Chlorobenzene	0.773	0.917	1.031	1.025	1.053	1.043	1.067	0.841	0.995	0.972	10.75
74)	TC	Ethylbenzene	1.397	1.558	1.692	1.713	1.770	1.742	1.805		1.788	1.683	8.27

Response Factor Report VOA123

Method Path : K:\VOA123\2025\251103NICAL\
Method File : V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025
Response Via : Initial Calibration

Calibration Files
L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D
L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
75)	TP	1,1,1,2-Tetrac...	0.280	0.334	0.382	0.388	0.403	0.402	0.409	0.255	0.343	0.355	15.91
76)	TP	p/m Xylene	0.491	0.584	0.652	0.668	0.697	0.689	0.720	0.505	0.658	0.629	13.30
77)	TP	o Xylene	0.502	0.586	0.655	0.668	0.695	0.696	0.721	0.538	0.655	0.635	11.96
78)	TP	Styrene	0.810	0.961	1.115	1.143	1.214	1.211	1.245	0.899	1.035	1.070	14.35
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform	0.328	0.351	0.426	0.454	0.507	0.508	0.516		0.384	0.434	17.08
82)	TP	Isopropylbenzene	2.350	2.790	2.990	3.143	3.256	3.153	3.229		3.074	2.998	10.04
83)	S	4-Bromofluorob...	0.909	0.903	0.898	0.897	0.891	0.870	0.850	0.909	0.921	0.894	2.44
84)	TP	Bromobenzene	0.657	0.764	0.834	0.843	0.855	0.848	0.853		0.812	0.808	8.41
85)	TP	n-Propylbenzene	2.846	3.301	3.574	3.743	3.872	3.736	3.821		3.659	3.569	9.57
86)	TP	1,4-Dichlorobu...	0.813	0.852	0.914	0.932	0.958	0.945	0.941		0.932	0.911	5.62
87)	TP	1,1,2,2-Tetrac...	0.599	0.643	0.694	0.692	0.699	0.681	0.669	0.601	0.661	0.660	5.82
88)	TP	4-Ethyltoluene	2.361	2.744	2.990	3.140	3.224	3.122	3.174		3.006	2.970	9.71
89)	TP	2-Chlorotoluene	1.856	2.059	2.268	2.302	2.391	2.296	2.340		2.315	2.229	8.05
90)	TP	1,3,5-Trimethy...	2.165	2.479	2.613	2.758	2.833	2.753	2.819		2.656	2.635	8.48
91)	TP	1,2,3-Trichlor...	0.472	0.511	0.524	0.532	0.546	0.527	0.522		0.539	0.522	4.34
92)	TP	trans-1,4-Dich...		0.150	0.184	0.189	0.200	0.192	0.191			0.184	9.56
93)	TP	4-Chlorotoluene	1.852	2.111	2.314	2.373	2.415	2.356	2.383		2.315	2.265	8.43
94)	TP	tert-Butylbenzene	1.780	2.064	2.174	2.326	2.383	2.296	2.407		2.218	2.206	9.35
97)	TP	1,2,4-Trimethy...	2.100	2.442	2.627	2.748	2.804	2.769	2.833		2.626	2.619	9.36
98)	TP	sec-Butylbenzene	2.581	3.076	3.202	3.479	3.615	3.463	3.602		3.382	3.300	10.45
99)	TP	p-Isopropyltol...	2.273	2.626	2.809	3.026	3.123	3.026	3.144		2.838	2.858	10.31
100)	TP	1,3-Dichlorobe...	1.218	1.399	1.545	1.610	1.650	1.628	1.647		1.527	1.528	9.85
101)	TP	1,4-Dichlorobe...	1.392	1.476	1.557	1.630	1.634	1.619	1.626		1.589	1.565	5.61
102)	TP	p-Diethylbenzene	1.305	1.562	1.673	1.800	1.842	1.821	1.881		1.654	1.692	11.27
103)	TP	n-Butylbenzene	1.994	2.355	2.528	2.725	2.792	2.715	2.772		2.629	2.564	10.60
104)	TP	1,2-Dichlorobe...	1.163	1.336	1.459	1.517	1.542	1.513	1.523		1.406	1.432	9.04
105)	TP	1,2,4,5-Tetram...	2.233	2.569	2.745	2.939	2.947	2.964	3.032		2.612	2.755	9.88
106)	TP	1,2-Dibromo-3-...		0.086	0.099	0.105	0.114	0.112	0.113		0.078	0.101	14.19
107)	TP	1,3,5-Trichlor...	0.966	1.106	1.187	1.241	1.248	1.231	1.237		1.195	1.176	8.25
108)	TP	Hexachlorobuta...	0.491	0.547	0.555	0.617	0.629	0.612	0.643		0.593	0.586	8.74

Method Path : K:\VOA123\2025\251103NICAL\
Method File : V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025
Response Via : Initial Calibration

Calibration Files
L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D
L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

	Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
109)	TP 1,2,4-Trichlor...	0.872	1.019	1.030	1.107	1.072	1.063	1.057	1.037	1.032		6.83
110)	TP Naphthalene	1.849	1.932	2.015	2.084	2.040	1.957	1.951	1.997	1.978		3.67
111)	TP 1,2,3-Trichlor...	0.734	0.882	0.902	0.958	0.919	0.884	0.863	0.929	0.884		7.66

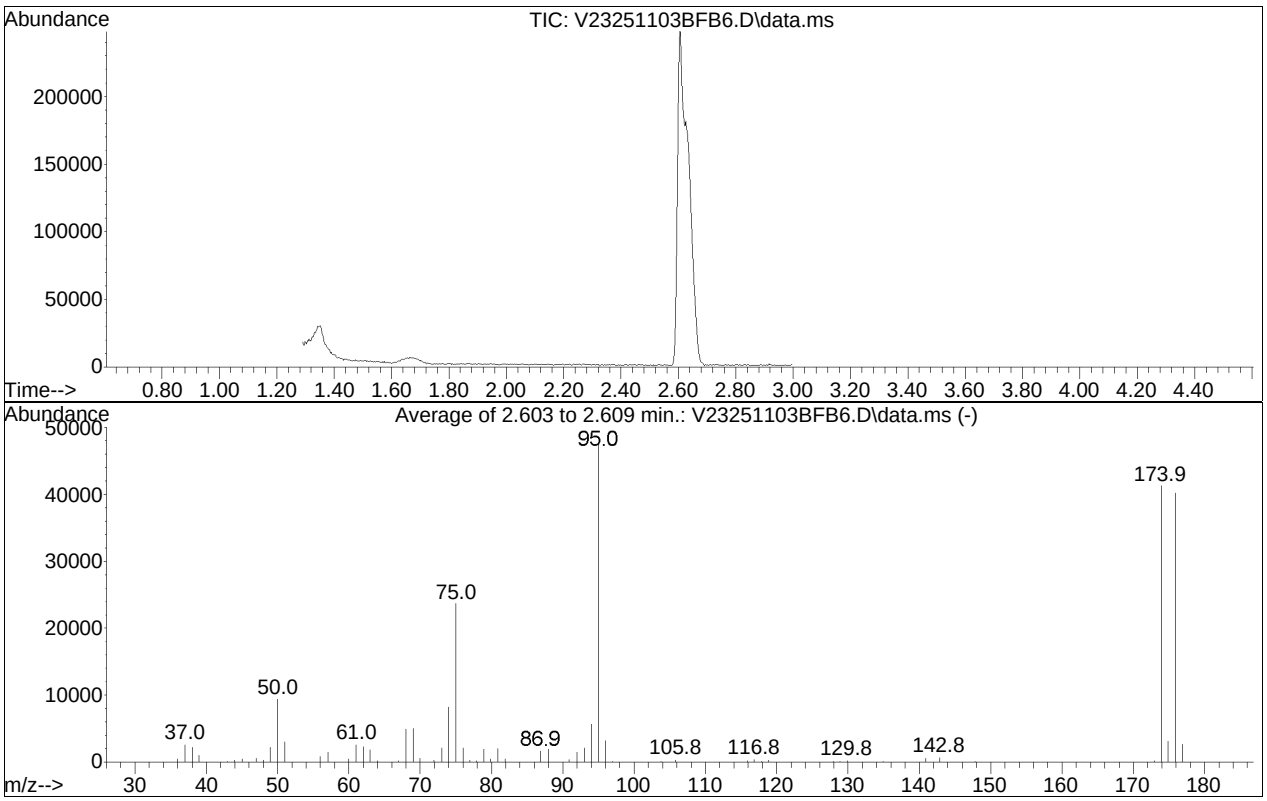
(#) = Out of Range

BFB

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103BFB6.D
Acq On : 03 Nov 2025 06:36 pm
Operator : VOA123:raw
Sample : WG2136903-1
Misc : WG2136903,ICAL
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025



AutoFind: Scans 472, 473, 474; Background Corrected with Scan 461

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.7	9413	PASS
75	95	30	60	49.6	23688	PASS
95	95	100	100	100.0	47733	PASS
96	95	5	9	6.8	3233	PASS
173	174	0.00	2	0.4	159	PASS
174	95	50	100	86.5	41280	PASS
175	174	5	9	7.5	3099	PASS
176	174	95	101	97.4	40216	PASS
177	176	5	9	6.5	2622	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N04.D
Acq On : 03 Nov 2025 08:17 pm
Operator : VOA123:AJK
Sample : I8260STD0.5PPB
Misc : WG2136903,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 12:19:28 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.520	96	211024	20.000	ug/L	0.00
Standard Area 1 = 201320			Recovery = 104.82%			
59) Chlorobenzene-d5	8.992	117	150512	20.000	ug/L	0.00
Standard Area 1 = 146207			Recovery = 102.94%			
79) 1,4-Dichlorobenzene-d4	11.800	152	80450	20.000	ug/L	0.00
Standard Area 1 = 79326			Recovery = 101.42%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.734	113	52628	19.527	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.64%			
43) 1,2-Dichloroethane-d4	5.238	65	54320	20.095	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.48%			
60) Toluene-d8	7.174	98	205151	20.217	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.09%			
83) 4-Bromofluorobenzene	10.537	95	73145	20.272	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.36%			
Target Compounds						Qvalue
37) 1,1,1-Trichloroethane	4.759	97	1490	0.348	ug/L #	69
40) 1,1-Dichloropropene	4.882	75	1216	0.368	ug/L #	54
41) Benzene	5.110	78	4218	0.404	ug/L #	87
48) Trichloroethene	5.699	95	1042M1	0.363	ug/L	
54) Bromodichloromethane	6.284	83	1609M1	0.395	ug/L	
58) cis-1,3-Dichloropropene	6.979	75	1614	0.350	ug/L #	66
63) Tetrachloroethene	7.681	166	1047	0.354	ug/L #	34
69) Chlorodibromomethane	8.097	129	983	0.339	ug/L	88
71) 1,2-Dibromoethane	8.359	107	759M1	0.335	ug/L	
73) Chlorobenzene	9.012	112	3166	0.410	ug/L #	69
75) 1,1,1,2-Tetrachloroethane	9.092	131	959	0.328	ug/L #	44
76) p/m Xylene	9.243	106	3797	0.755	ug/L	90
77) o Xylene	9.784	106	4046	0.804	ug/L	100
78) Styrene	9.862	104	6762	0.786	ug/L	98
87) 1,1,2,2-Tetrachloroethane	10.805	83	1208	0.434	ug/L #	90

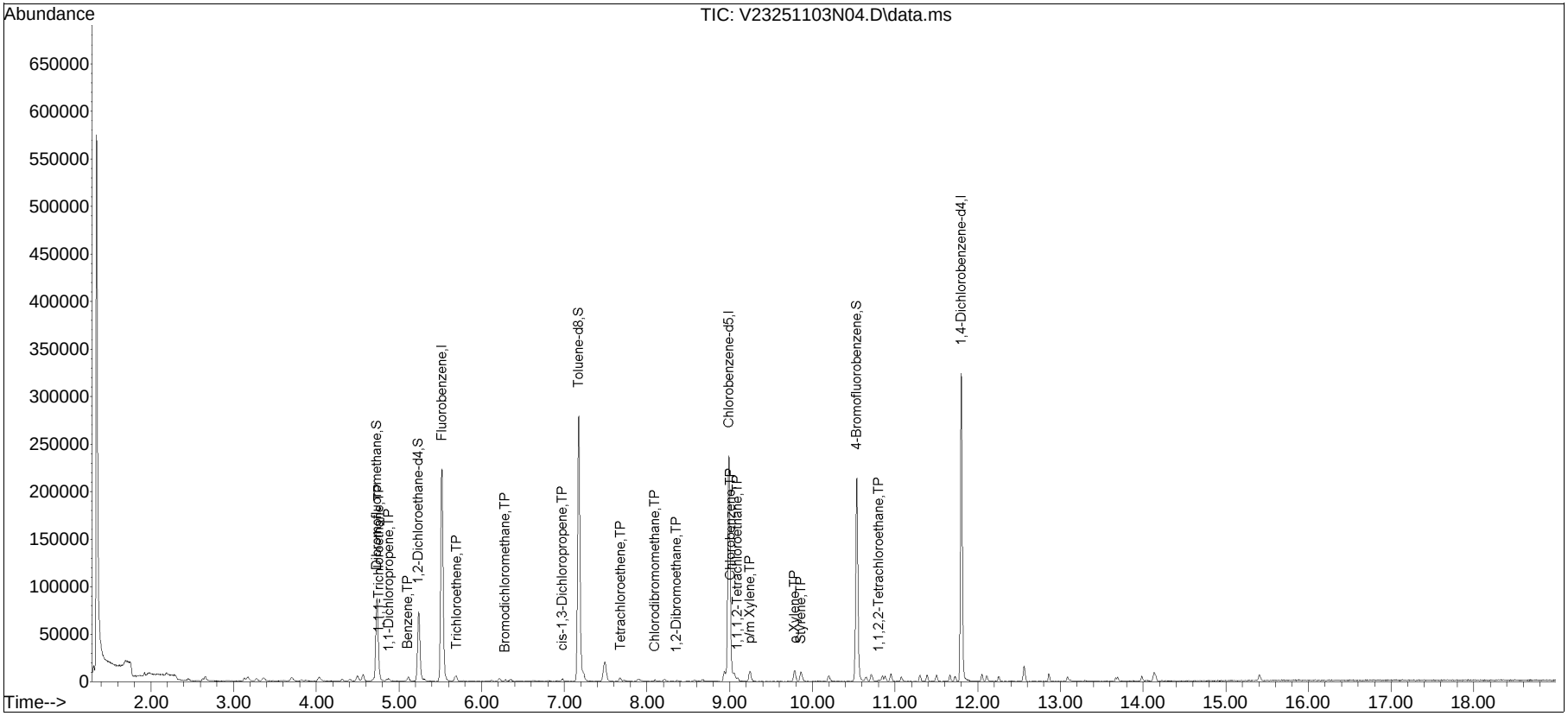
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N04.D
Acq On : 03 Nov 2025 08:17 pm
Operator : VOA123:AJK
Sample : I8260STD0.5PPB
Misc : WG2136903,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 12:19:28 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

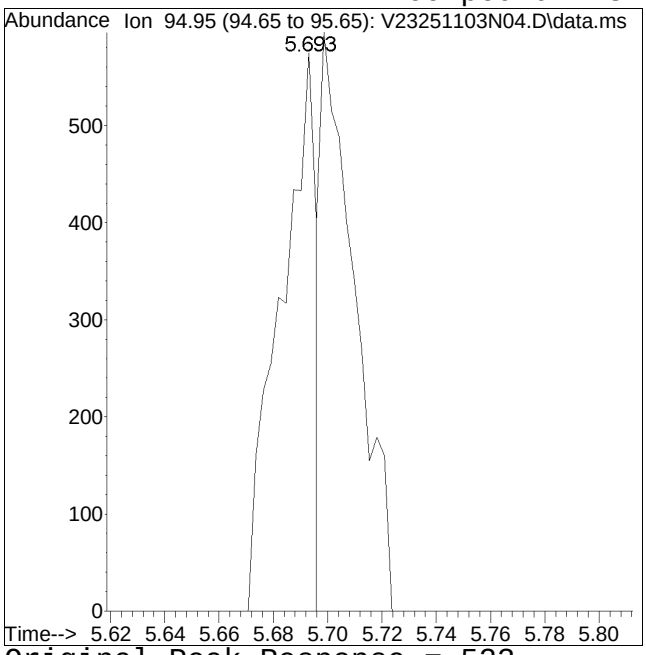
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH03N10.D•

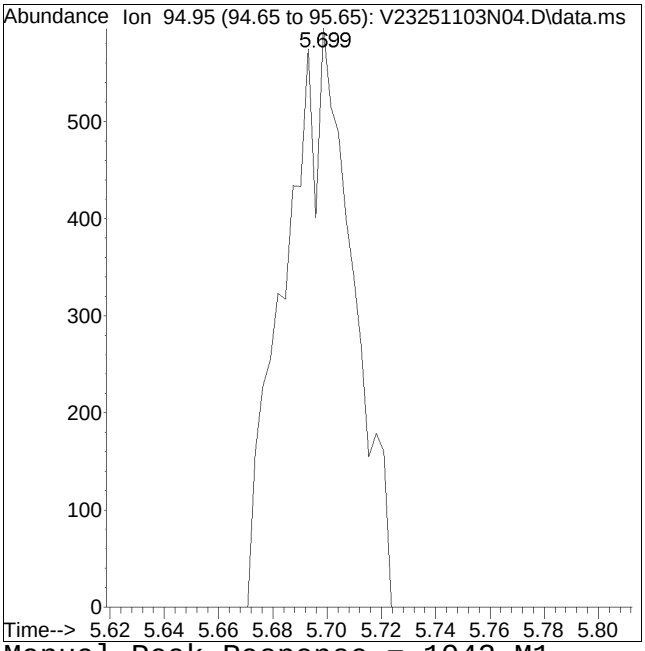


Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N04.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:17 pm Instrument : VOA123
Sample : I8260STD0.5PPB Quant Date : 11/4/2025 12:14 pm

Compound #48: Trichloroethene



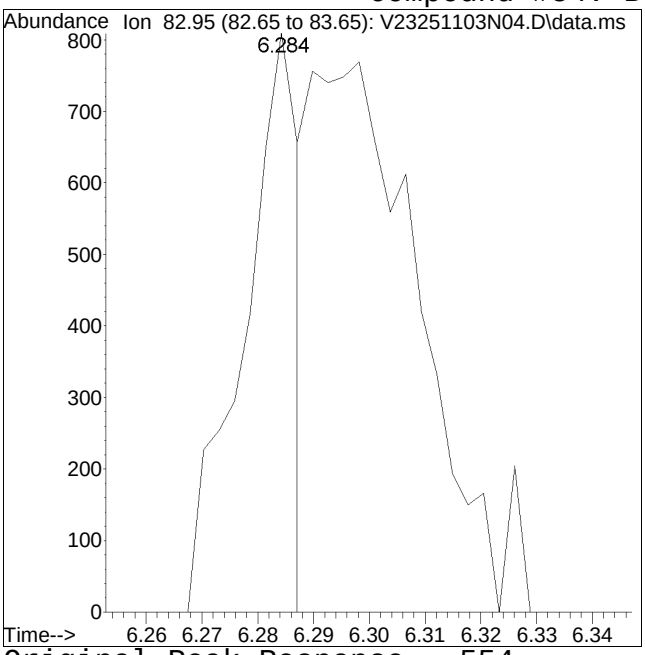


Original Peak Response = 523 Manual Peak Response = 1042 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

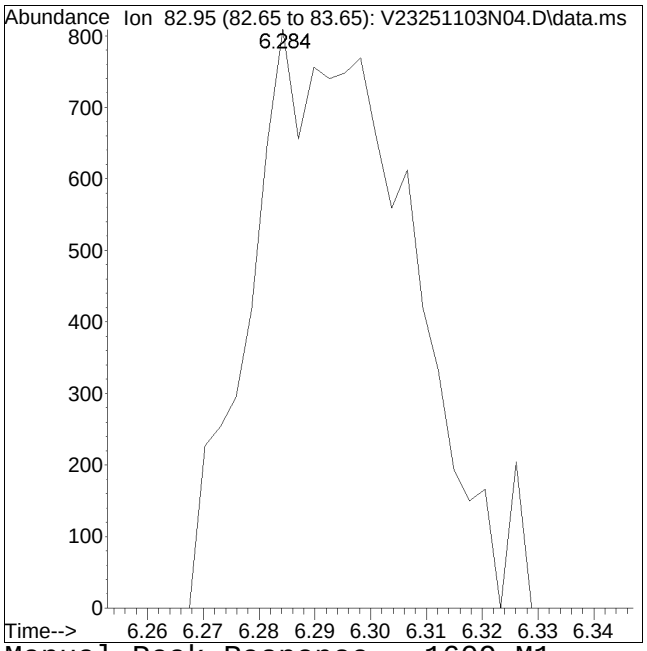
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N04.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:17 pm Instrument : VOA123
Sample : I8260STD0.5PPB Quant Date : 11/4/2025 12:14 pm

Compound #54: Bromodichloromethane



Original Peak Response = 554



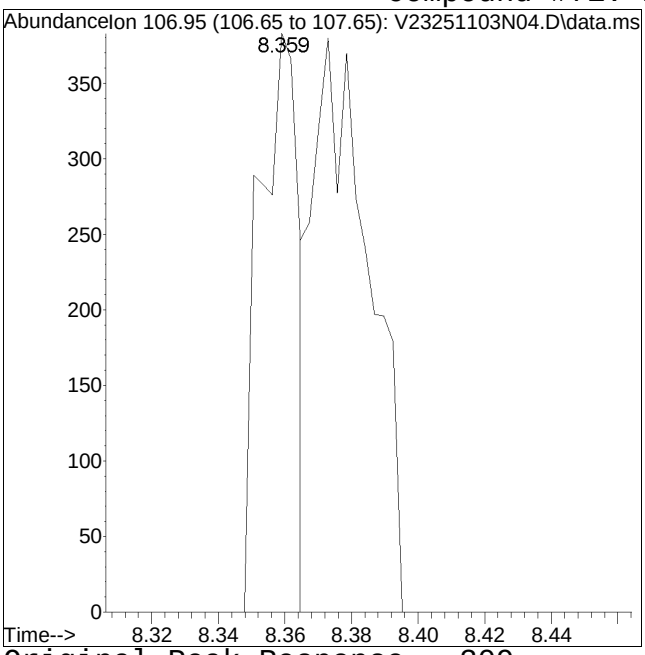
Manual Peak Response = 1609 M1

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

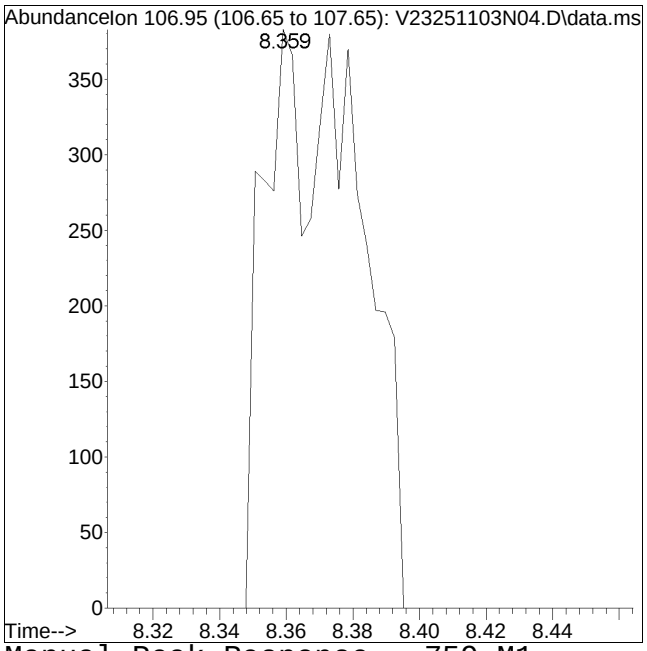
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N04.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:17 pm Instrument : VOA123
Sample : I8260STD0.5PPB Quant Date : 11/4/2025 12:14 pm

Compound #71: 1,2-Dibromoethane



Original Peak Response = 309



Manual Peak Response = 759 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N05.D
Acq On : 03 Nov 2025 08:43 pm
Operator : VOA123:AJK
Sample : I8260STD1PPB
Misc : WG2136903,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 04 12:22:37 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.520	96	210186	20.000 ug/L	0.00
Standard Area 1 = 201320			Recovery = 104.40%		
59) Chlorobenzene-d5	8.989	117	149438	20.000 ug/L	0.00
Standard Area 1 = 146207			Recovery = 102.21%		
79) 1,4-Dichlorobenzene-d4	11.800	152	80193	20.000 ug/L	0.00
Standard Area 1 = 79326			Recovery = 101.09%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.734	113	51902	19.334 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.67%		
43) 1,2-Dichloroethane-d4	5.241	65	52564	19.523 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.61%		
60) Toluene-d8	7.177	98	203384	20.187 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.94%		
83) 4-Bromofluorobenzene	10.537	95	72871	20.261 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.31%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.466	85	1515M1	0.637 ug/L	
3) Chloromethane	1.655	50	2151M1	0.835 ug/L	
4) Vinyl chloride	1.691	62	1553	0.543 ug/L	96
5) Bromomethane	1.962	94	1363M1	0.789 ug/L	
6) Chloroethane	2.073	64	1499	0.785 ug/L	93
7) Trichlorofluoromethane	2.193	101	2856	0.675 ug/L	91
8) Ethyl ether	2.458	74	1099	0.766 ug/L #	73
10) 1,1-Dichloroethene	2.628	96	1575	0.704 ug/L	89
11) Carbon disulfide	2.656	76	7898M1	1.022 ug/L	
12) Freon-113	2.673	101	1599M1	0.701 ug/L	
14) Acrolein	2.916	56	243M1	0.883 ug/L	
15) Methylene chloride	3.133	84	2602	0.916 ug/L	84
17) Acetone	3.175	43	5411M1	7.840 ug/L	
18) trans-1,2-Dichloroethene	3.278	96	1820	0.680 ug/L	93
19) Methyl acetate	3.287	43	1069M1	0.940 ug/L	
20) Methyl tert-butyl ether	3.367	73	6337	0.845 ug/L #	84
21) tert-Butyl alcohol	3.457	59	814M1	3.755 ug/L	
22) Diisopropyl ether	3.699	45	6617	0.816 ug/L #	80
23) 1,1-Dichloroethane	3.819	63	3636	0.744 ug/L	94
24) Halothane	3.867	117	1401	0.714 ug/L #	71
25) Acrylonitrile	3.872	53	160	0.277 ug/L #	52

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N05.D
Acq On : 03 Nov 2025 08:43 pm
Operator : VOA123:AJK
Sample : I8260STD1PPB
Misc : WG2136903,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 04 12:22:37 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.037	59	6454	0.785	ug/L		98
27) Vinyl acetate	4.051	43	4868	0.857	ug/L	#	85
28) cis-1,2-Dichloroethene	4.313	96	2351	0.770	ug/L		96
29) 2,2-Dichloropropane	4.408	77	2941	0.736	ug/L	#	77
30) Bromochloromethane	4.488	128	1037M1	0.747	ug/L		
31) Cyclohexane	4.494	56	3129M1	0.779	ug/L		
32) Chloroform	4.564	83	7520	1.455	ug/L		97
33) Ethyl acetate	0.000		0	N.D.	d		
34) Carbon tetrachloride	4.698	117	2804	0.730	ug/L		92
35) Tetrahydrofuran	0.000		0	N.D.	d		
37) 1,1,1-Trichloroethane	4.756	97	3128M1	0.733	ug/L		
39) 2-Butanone	4.857	43	2947M1	3.984	ug/L		
40) 1,1-Dichloropropene	4.879	75	2459	0.748	ug/L		92
41) Benzene	5.110	78	8030	0.773	ug/L		91
42) tert-Amyl methyl ether	5.225	73	5938	0.806	ug/L	#	78
44) 1,2-Dichloroethane	5.314	62	3146M1	0.854	ug/L		
47) Methyl cyclohexane	5.682	83	3278	0.745	ug/L		84
48) Trichloroethene	5.690	95	2079	0.727	ug/L	#	84
50) Dibromomethane	6.111	93	1198M1	0.717	ug/L		
51) 1,2-Dichloropropane	6.215	63	2323	0.832	ug/L		90
53) 2-Chloroethyl vinyl ether	6.917	63	648	0.518	ug/L	#	72
54) Bromodichloromethane	6.290	83	2980M1	0.735	ug/L		
57) 1,4-Dioxane	0.000		0	N.D.	d		
58) cis-1,3-Dichloropropene	6.973	75	3284M1	0.716	ug/L		
61) Toluene	7.238	92	5131	0.783	ug/L		100
62) 4-Methyl-2-pentanone	7.665	58	413	0.557	ug/L	#	77
63) Tetrachloroethene	7.676	166	2124	0.723	ug/L		86
65) trans-1,3-Dichloropropene	7.721	75	2399	0.616	ug/L		74
67) Ethyl methacrylate	7.913	69	1951M1	0.666	ug/L		
68) 1,1,2-Trichloroethane	7.893	83	1467	0.777	ug/L		96
69) Chlorodibromomethane	8.089	129	2031	0.705	ug/L		98
70) 1,3-Dichloropropane	8.206	76	2986	0.794	ug/L	#	77
71) 1,2-Dibromoethane	8.365	107	1572	0.699	ug/L	#	45
72) 2-Hexanone	8.671	43	1513M1	1.267	ug/L		
73) Chlorobenzene	9.012	112	5773	0.753	ug/L	#	85
74) Ethylbenzene	9.062	91	10435M1	0.815	ug/L		
75) 1,1,1,2-Tetrachloroethane	9.101	131	2091	0.721	ug/L	#	64
76) p/m Xylene	9.249	106	7333	1.469	ug/L		93
77) o Xylene	9.787	106	7503	1.502	ug/L		98
78) Styrene	9.859	104	12103	1.418	ug/L	#	60

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N05.D
Acq On : 03 Nov 2025 08:43 pm
Operator : VOA123:AJK
Sample : I8260STD1PPB
Misc : WG2136903,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 04 12:22:37 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.871	173	1315	0.723	ug/L	#	46
82) Isopropylbenzene	10.191	105	9422	0.748	ug/L		98
84) Bromobenzene	10.643	156	2635	0.780	ug/L		97
85) n-Propylbenzene	10.710	91	11411	0.760	ug/L		98
86) 1,4-Dichlorobutane	10.727	55	3259	0.872	ug/L	#	86
87) 1,1,2,2-Tetrachloroethane	10.805	83	2401	0.865	ug/L		93
88) 4-Ethyltoluene	10.847	105	9465	0.752	ug/L		97
89) 2-Chlorotoluene	10.877	91	7443	0.806	ug/L		96
90) 1,3,5-Trimethylbenzene	10.950	105	8679	0.785	ug/L		95
91) 1,2,3-Trichloropropane	10.941	75	1892	0.887	ug/L		87
92) trans-1,4-Dichloro-2-b...	11.003	53	145	0.191	ug/L	#	1
93) 4-Chlorotoluene	11.073	91	7427	0.781	ug/L		97
94) tert-Butylbenzene	11.301	119	7136	0.765	ug/L		93
97) 1,2,4-Trimethylbenzene	11.388	105	8419	0.764	ug/L		98
98) sec-Butylbenzene	11.502	105	10348	0.742	ug/L		100
99) p-Isopropyltoluene	11.664	119	9113	0.751	ug/L		96
100) 1,3-Dichlorobenzene	11.728	146	4885	0.757	ug/L	#	84
101) 1,4-Dichlorobenzene	11.817	146	5583	0.854	ug/L	#	88
102) p-Diethylbenzene	12.049	119	5233	0.725	ug/L		98
103) n-Butylbenzene	12.110	91	7996	0.732	ug/L		98
104) 1,2-Dichlorobenzene	12.255	146	4662	0.766	ug/L		99
105) 1,2,4,5-Tetramethylben...	12.863	119	8954	0.760	ug/L		97
106) 1,2-Dibromo-3-chloropr...	13.044	155	160	0.380	ug/L	#	1
107) 1,3,5-Trichlorobenzene	13.080	180	3872	0.778	ug/L		97
108) Hexachlorobutadiene	13.666	225	1967	0.795	ug/L		93
109) 1,2,4-Trichlorobenzene	13.688	180	3495	0.787	ug/L		98
110) Naphthalene	13.984	128	7413	0.887	ug/L		100
111) 1,2,3-Trichlorobenzene	14.151	180	2942	0.766	ug/L		95

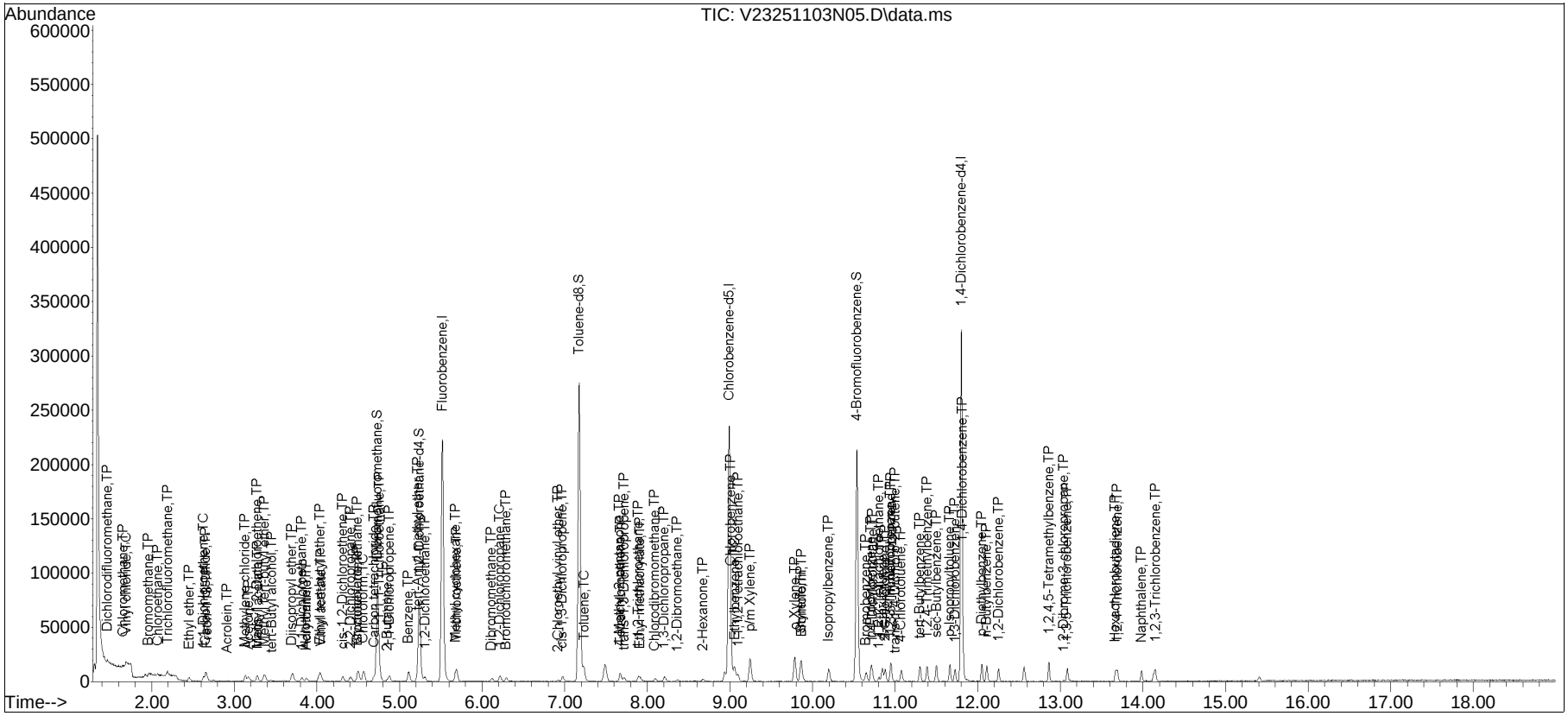
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N05.D
Acq On : 03 Nov 2025 08:43 pm
Operator : VOA123:AJK
Sample : I8260STD1PPB
Misc : WG2136903,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 04 12:22:37 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

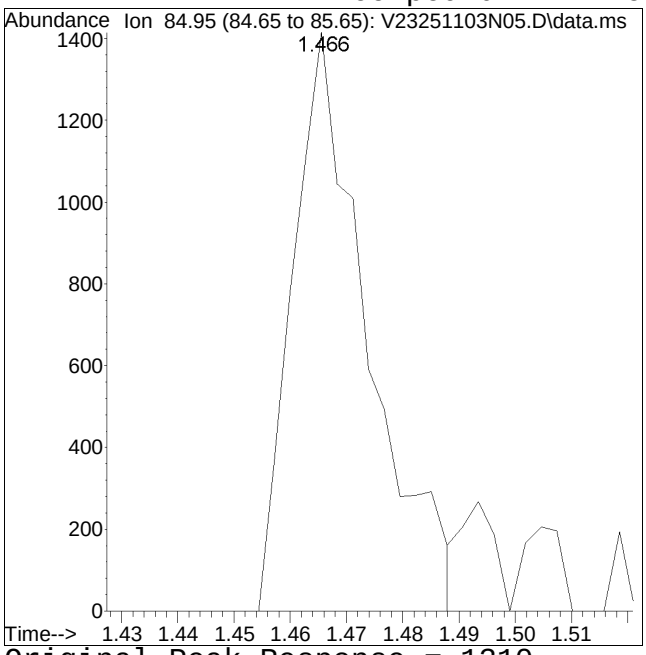
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•



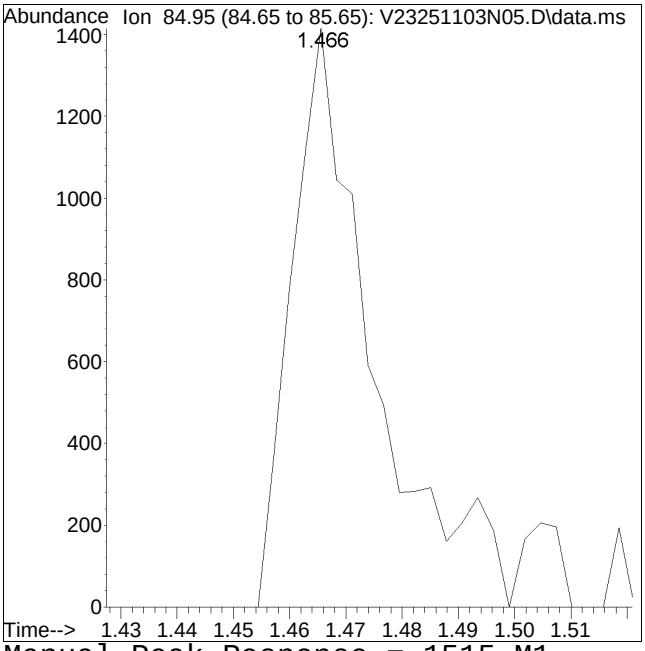
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #2: Dichlorodifluoromethane



Original Peak Response = 1310



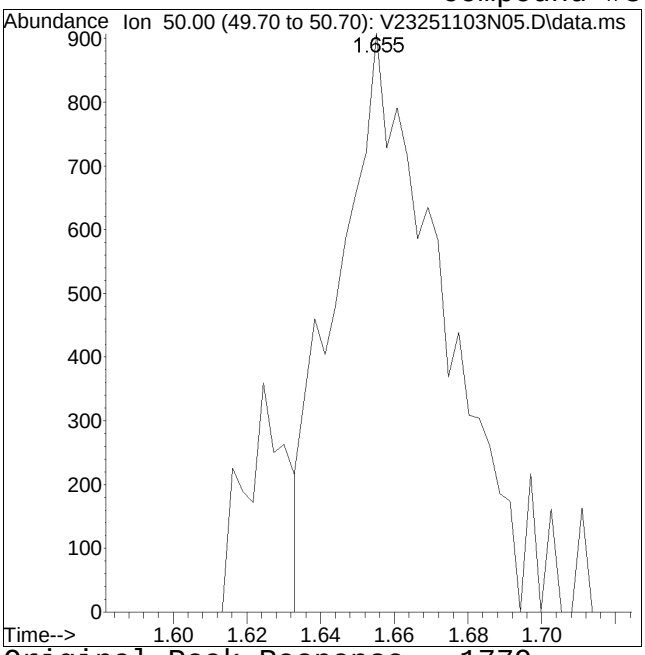
Manual Peak Response = 1515 M1

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

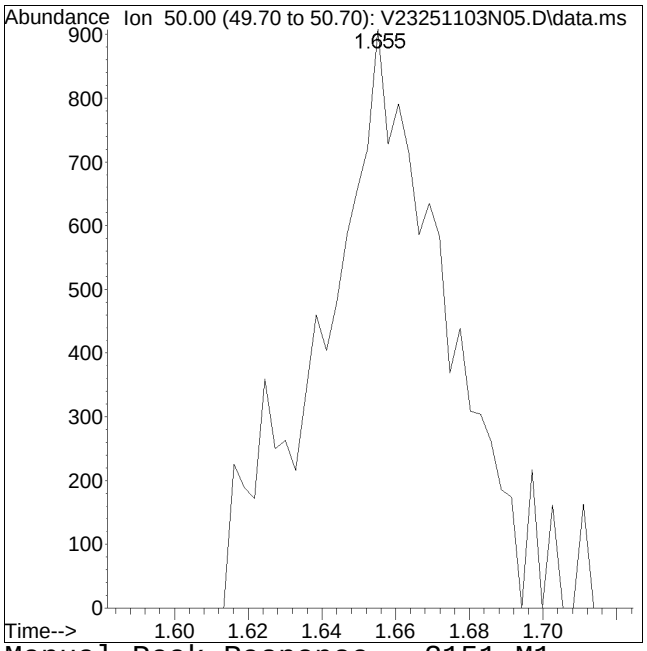
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #3: Chloromethane



Original Peak Response = 1779



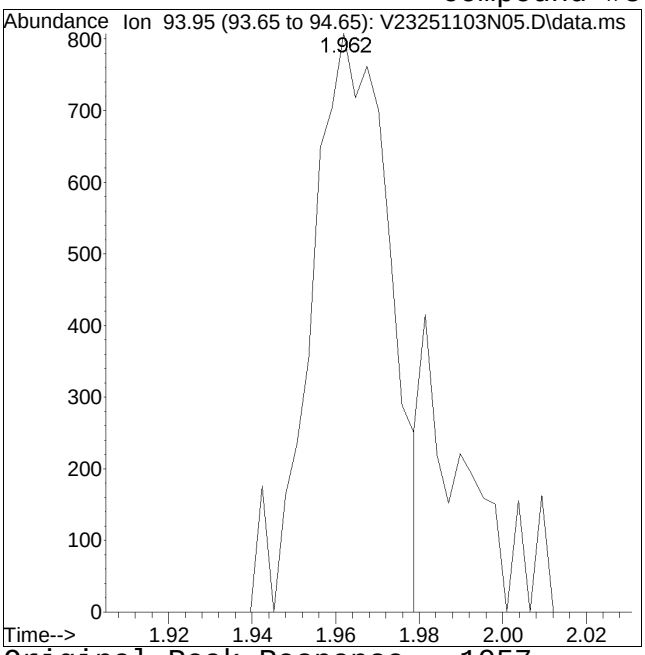
Manual Peak Response = 2151 M1

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

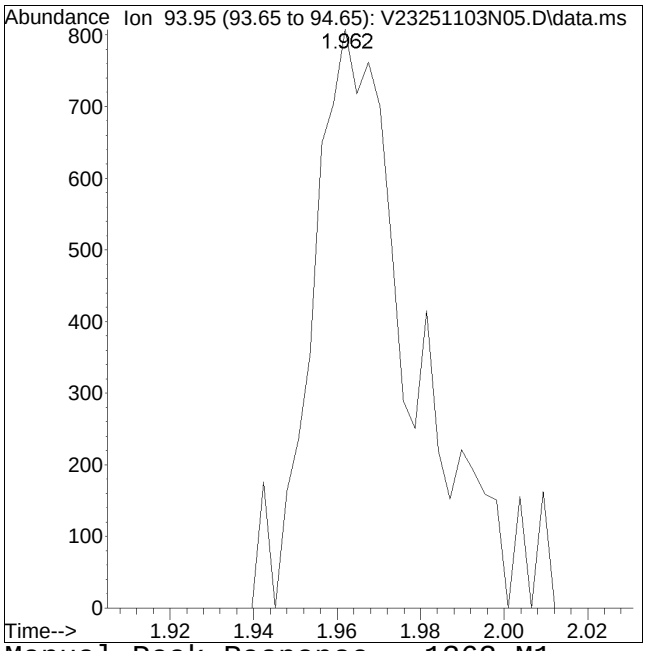
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #5: Bromomethane



Original Peak Response = 1057



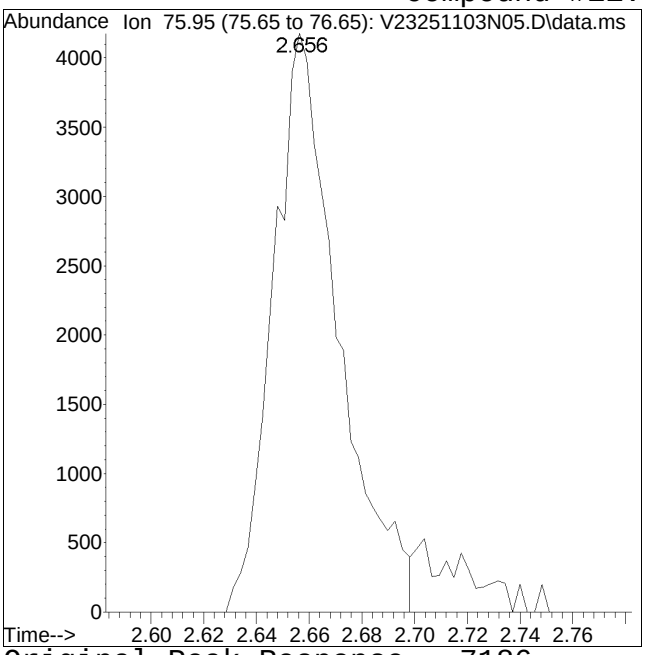
Manual Peak Response = 1363 M1

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

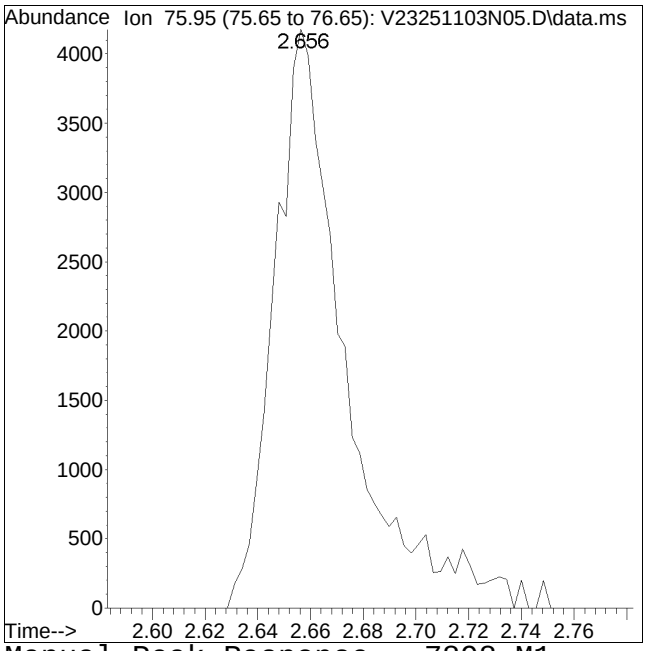
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #11: Carbon disulfide



Original Peak Response = 7186



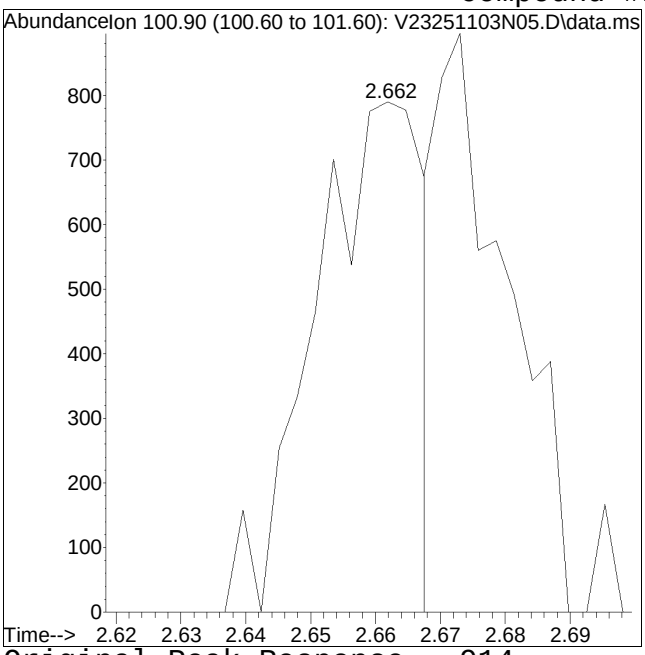
Manual Peak Response = 7898 M1

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

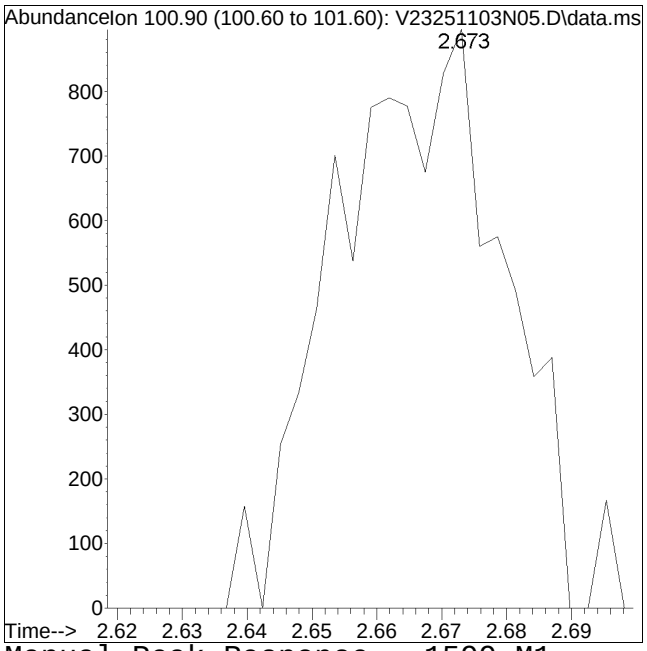
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #12: Freon-113



Original Peak Response = 914



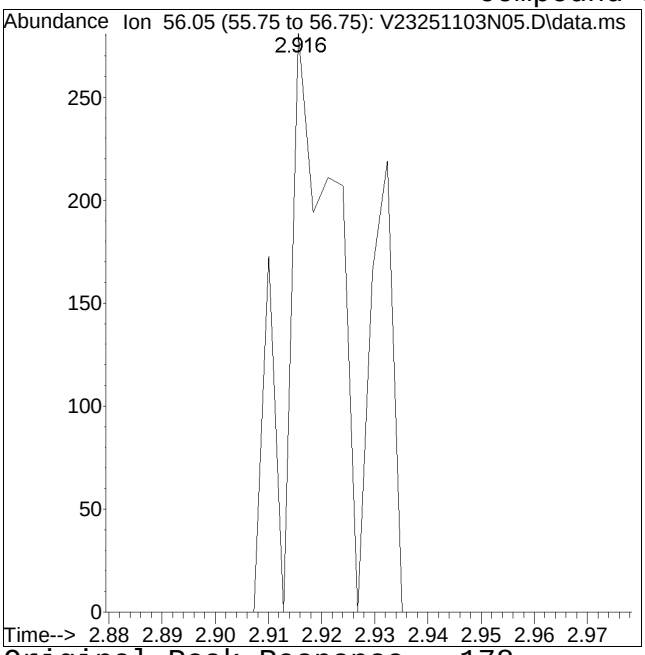
Manual Peak Response = 1599 M1

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

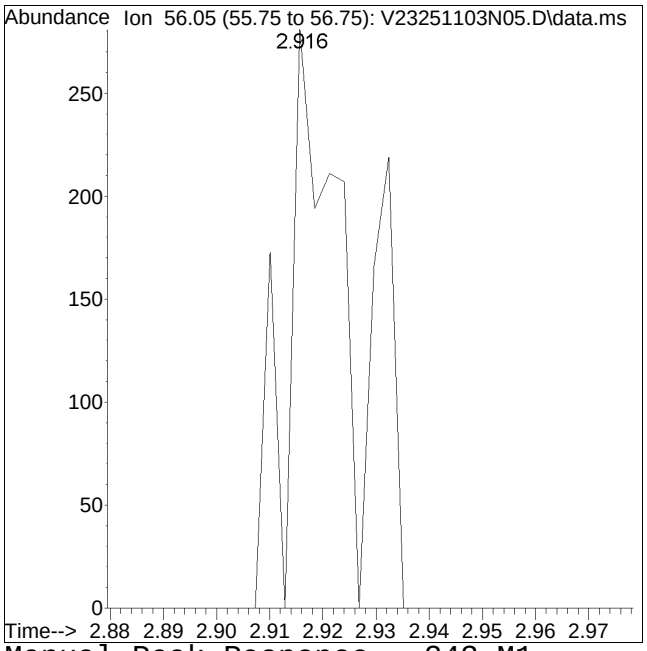
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #14: Acrolein



Original Peak Response = 178



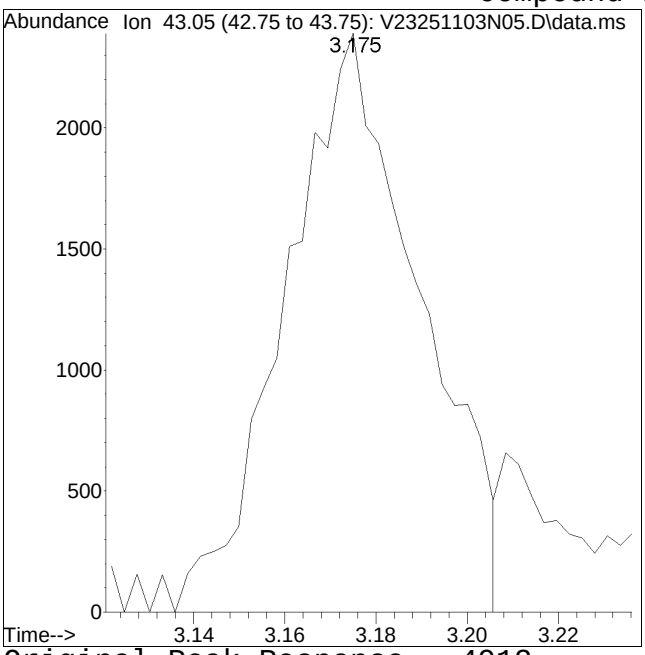
Manual Peak Response = 243 M1

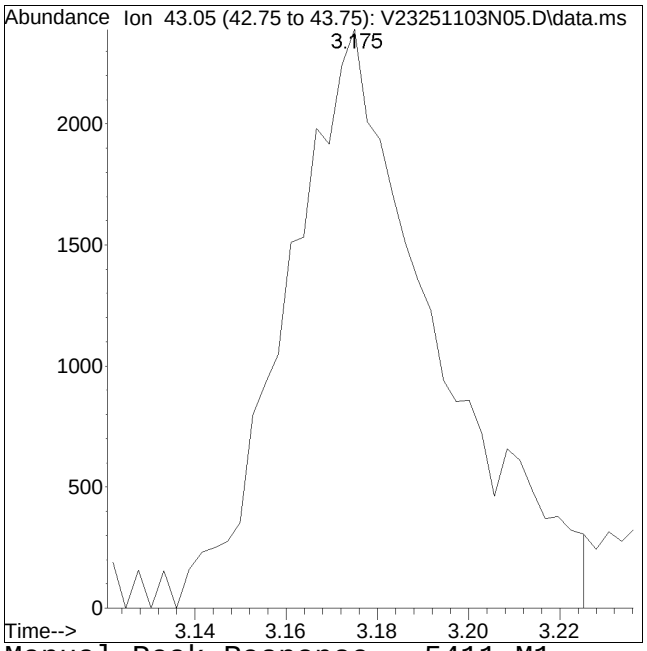
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #17: Acetone





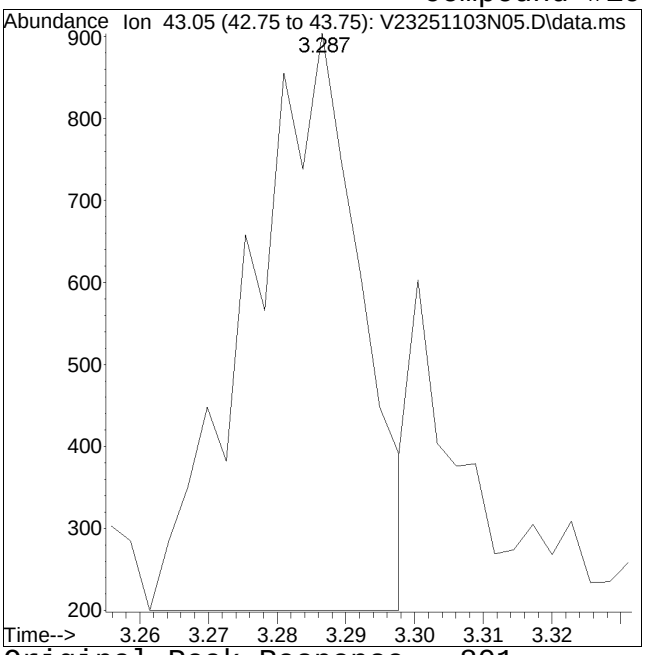
Original Peak Response = 4912 Manual Peak Response = 5411 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

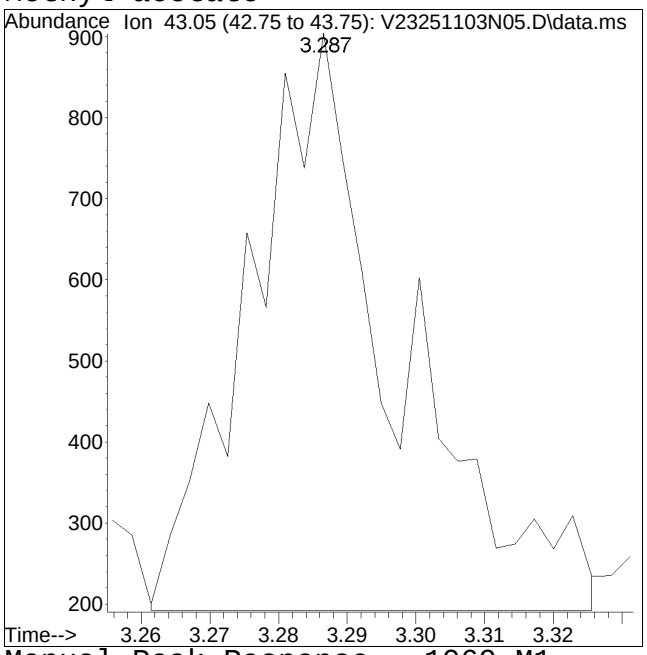
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N05.D
Date Inj'd : 11/3/2025 8:43 pm
Sample : I8260STD1PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #19: Methyl acetate



Original Peak Response = 801



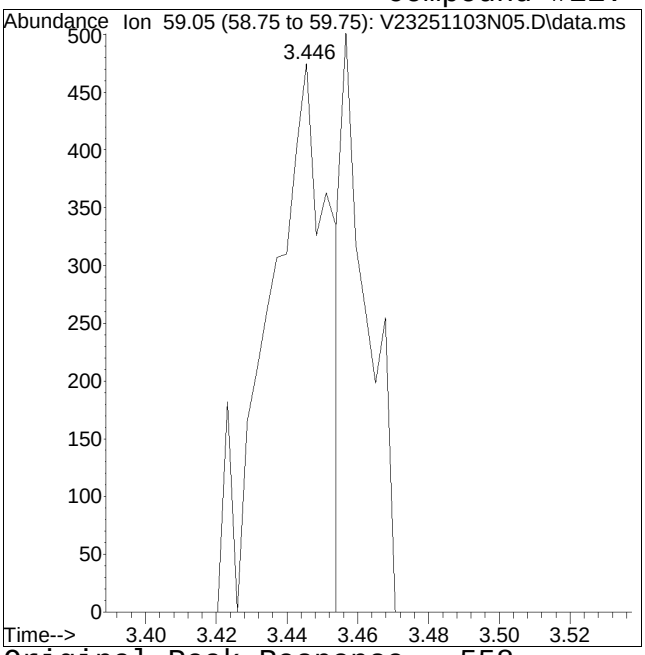
Manual Peak Response = 1069 M1

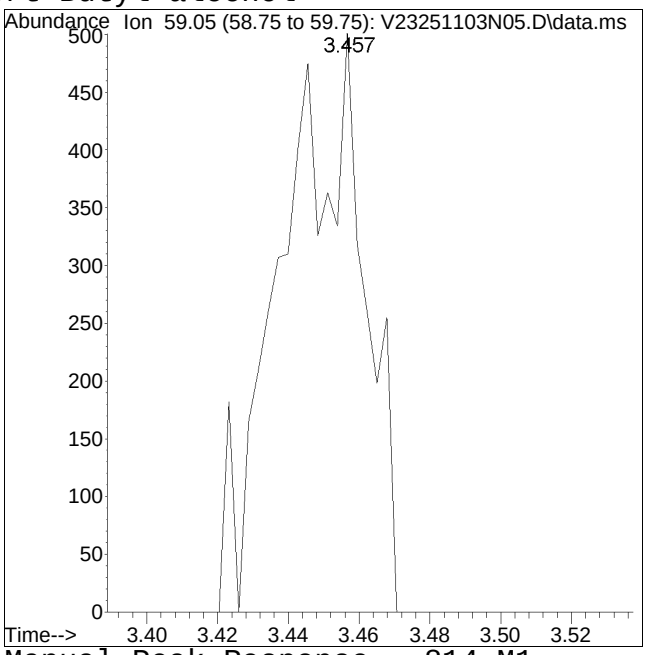
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #21: tert-Butyl alcohol



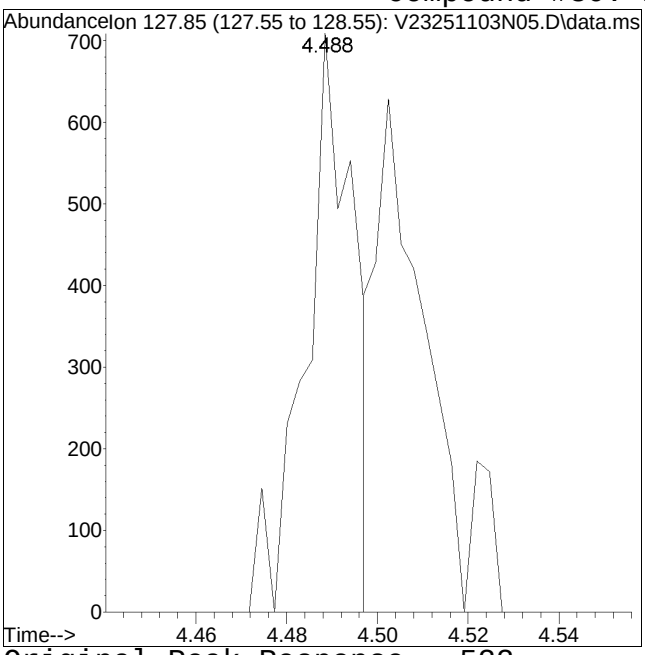


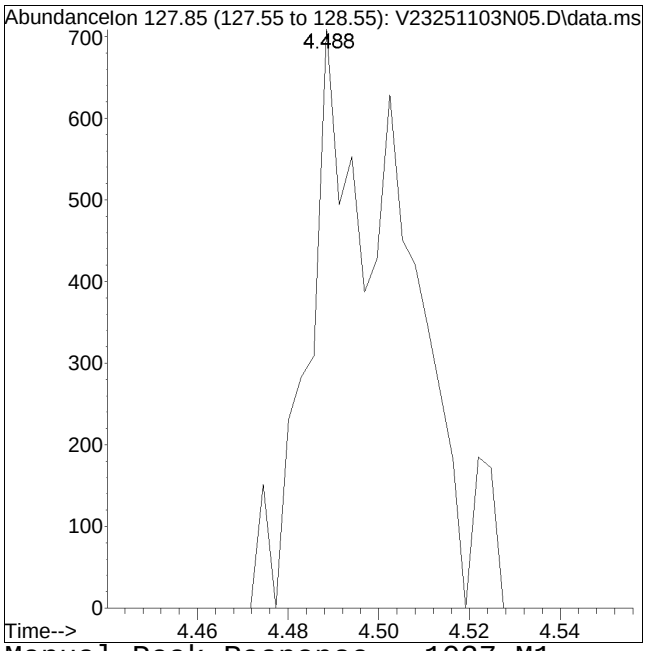
Original Peak Response = 558 Manual Peak Response = 814 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #30: Bromochloromethane





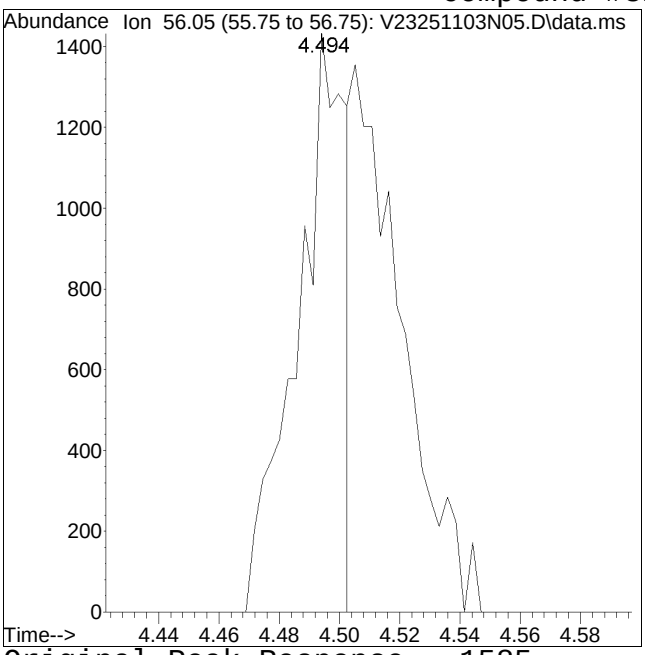
Original Peak Response = 522 Manual Peak Response = 1037 M1

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

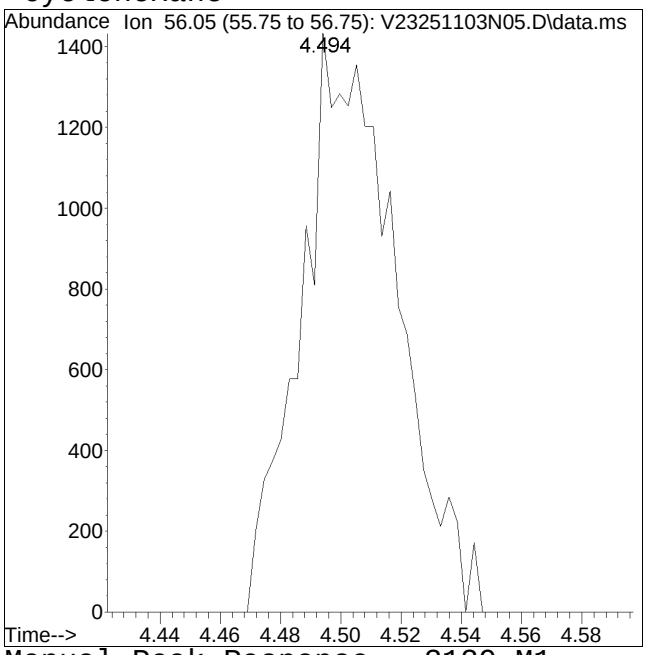
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #31: Cyclohexane



Original Peak Response = 1585



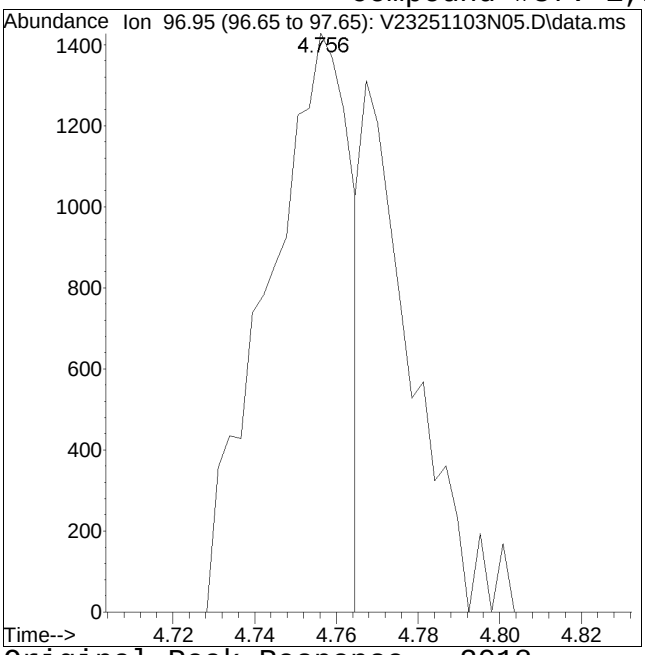
Manual Peak Response = 3129 M1

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

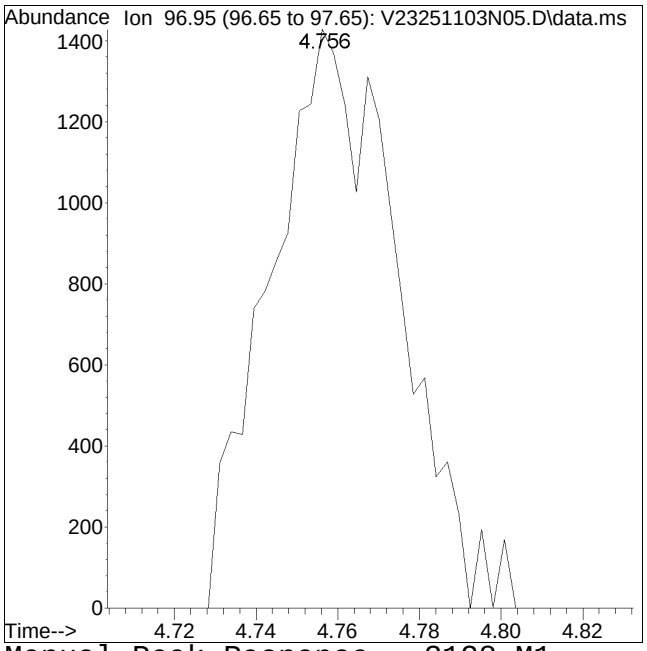
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #37: 1,1,1-Trichloroethane



Original Peak Response = 2018



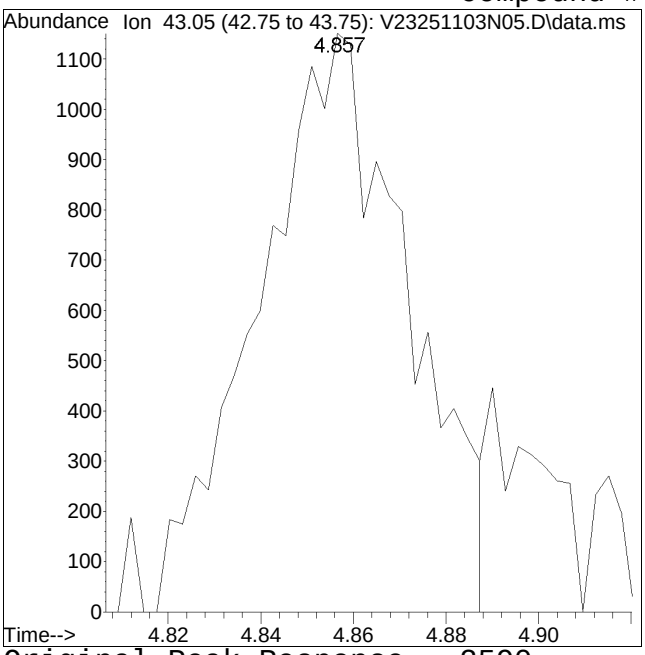
Manual Peak Response = 3128 M1

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

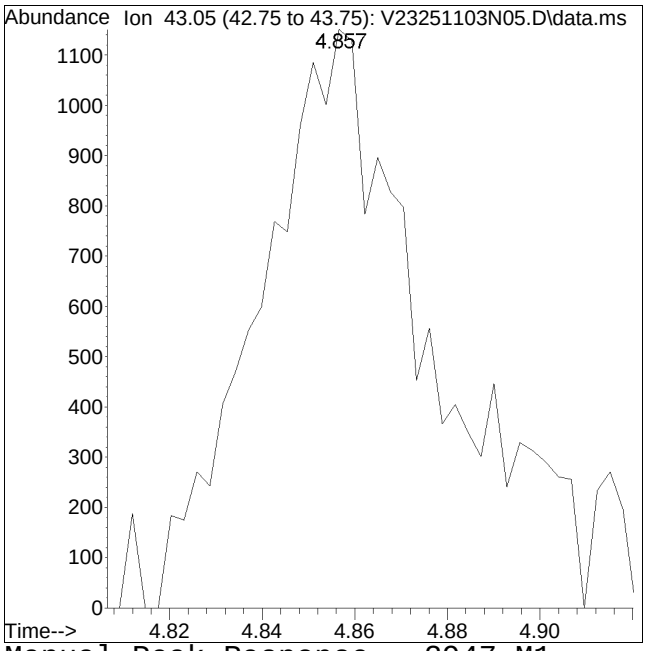
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #39: 2-Butanone



Original Peak Response = 2590



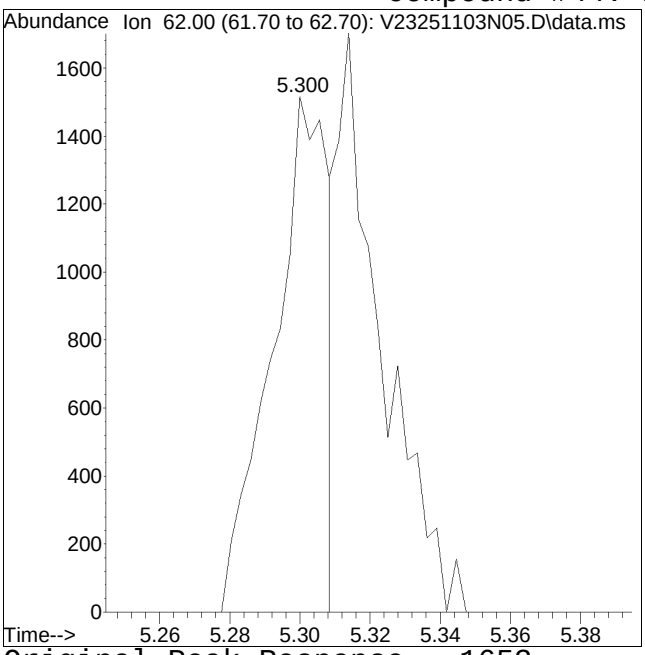
Manual Peak Response = 2947 M1

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

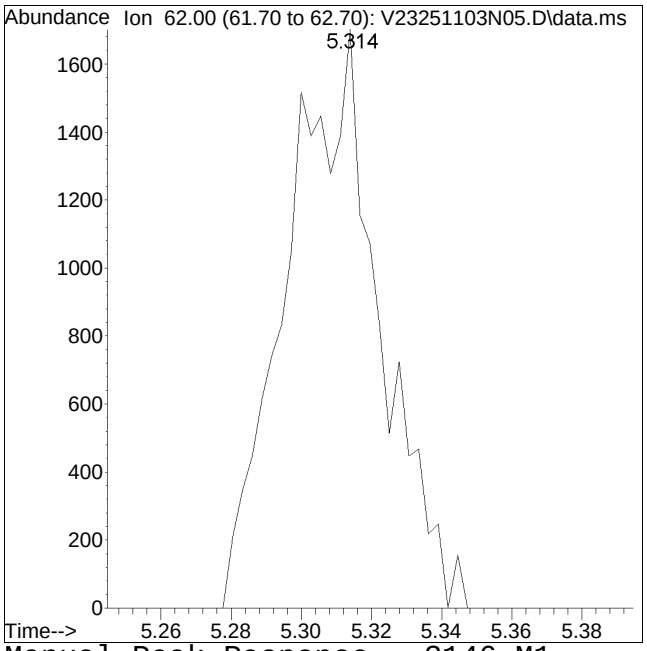
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #44: 1,2-Dichloroethane



Original Peak Response = 1653



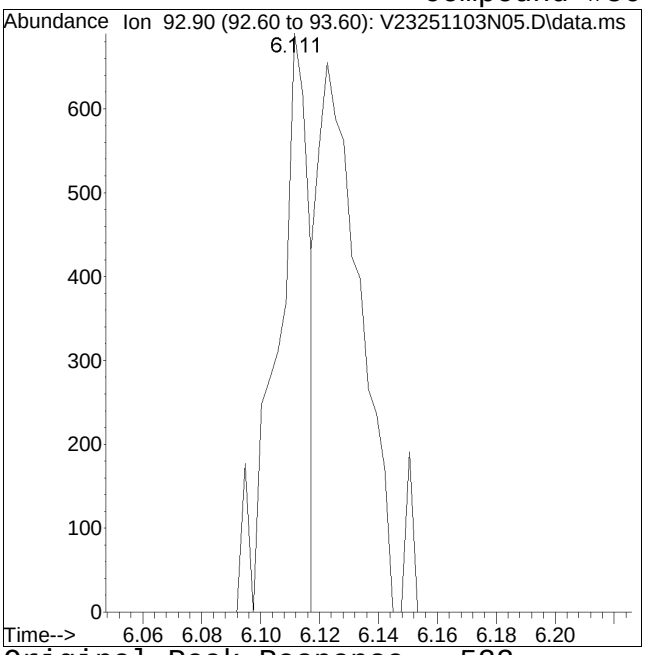
Manual Peak Response = 3146 M1

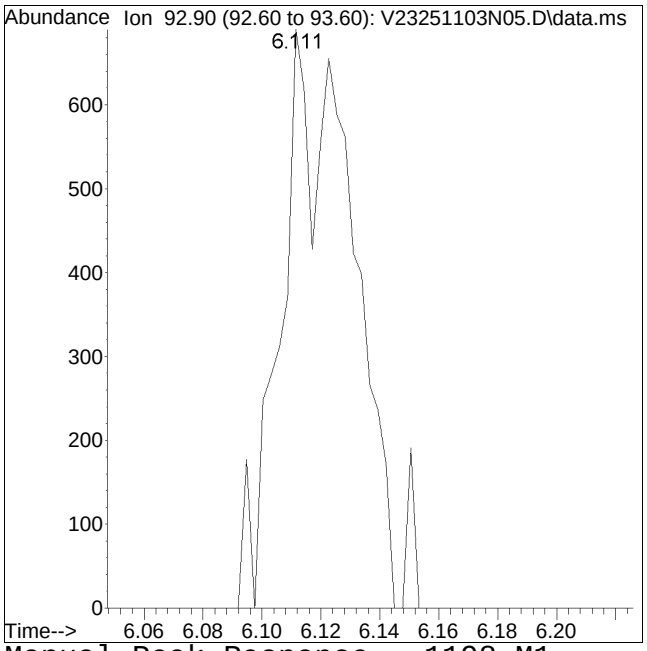
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #50: Dibromomethane





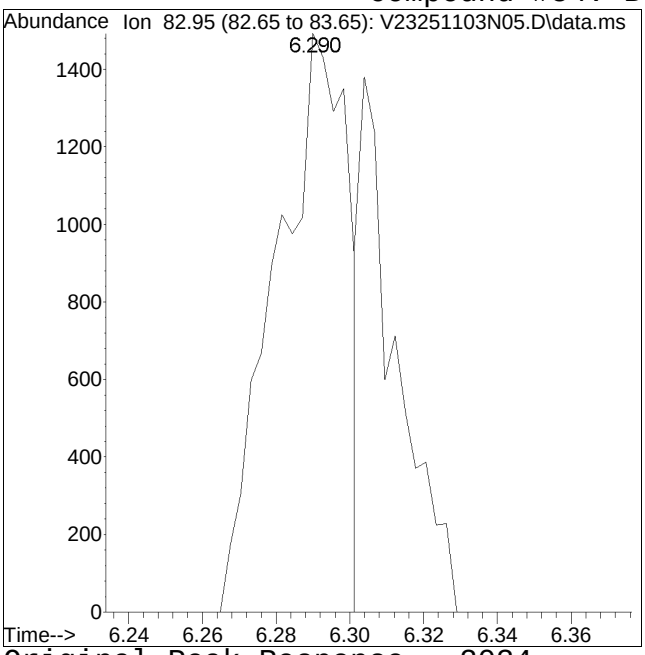
Original Peak Response = 522 Manual Peak Response = 1198 M1

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

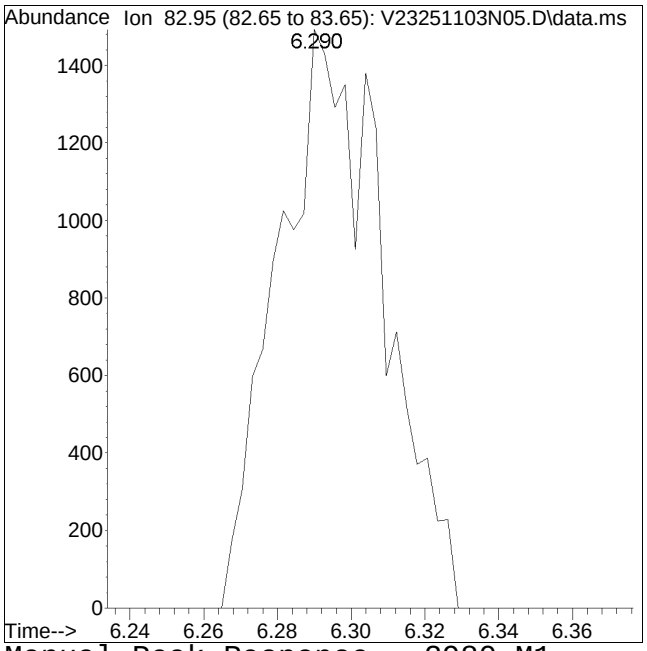
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #54: Bromodichloromethane



Original Peak Response = 2034



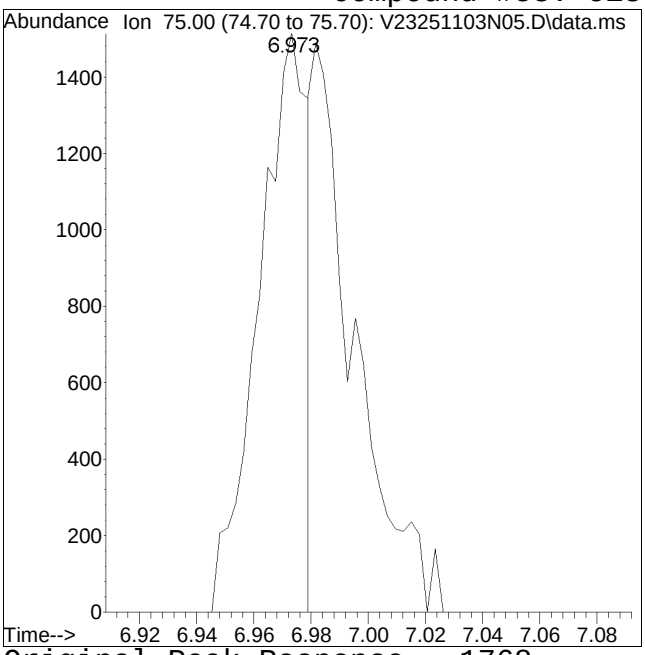
Manual Peak Response = 2980 M1

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

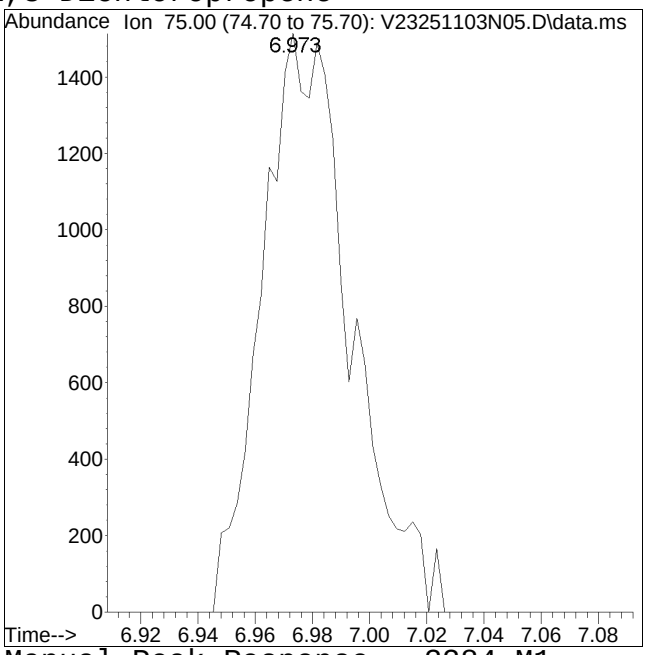
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #58: cis-1,3-Dichloropropene



Original Peak Response = 1768



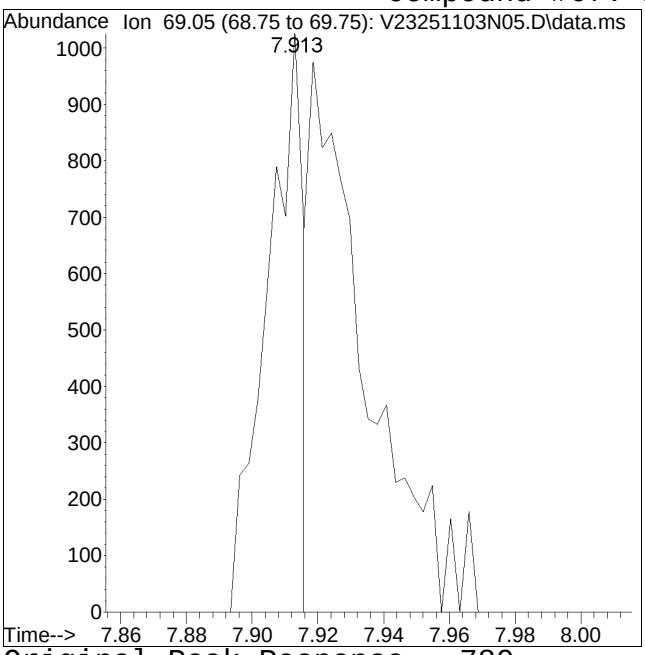
Manual Peak Response = 3284 M1

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

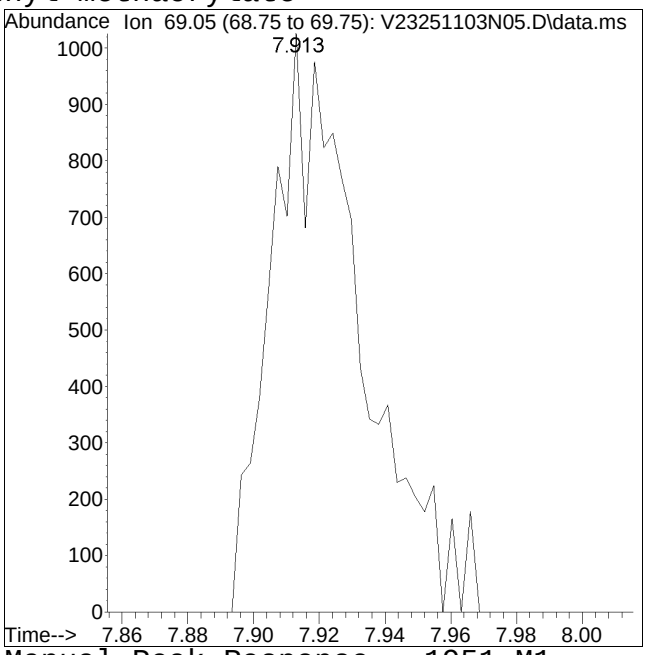
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #67: Ethyl methacrylate



Original Peak Response = 780



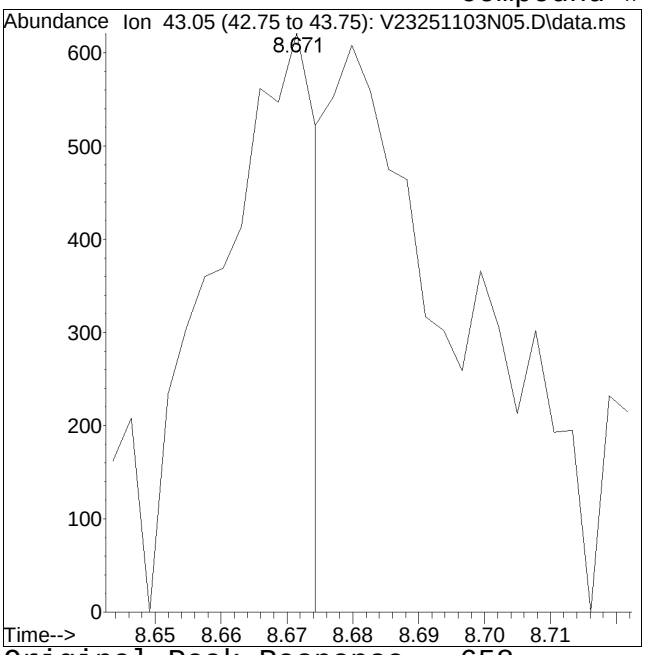
Manual Peak Response = 1951 M1

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

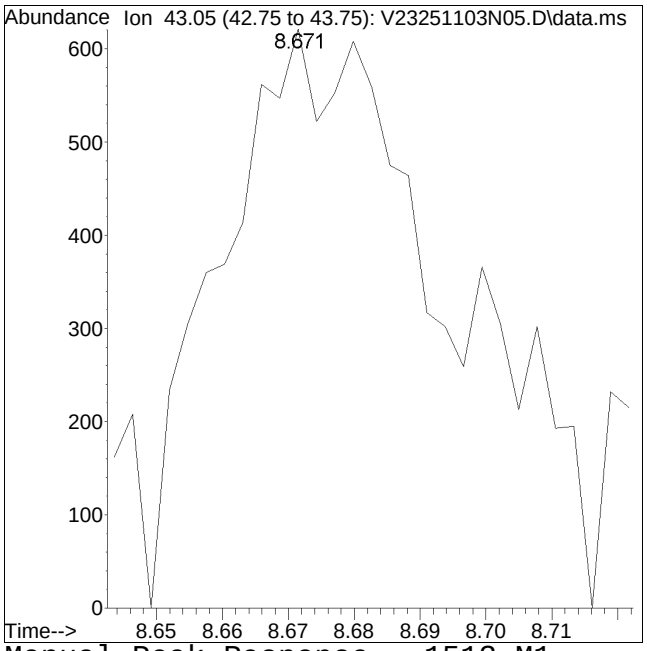
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #72: 2-Hexanone



Original Peak Response = 658



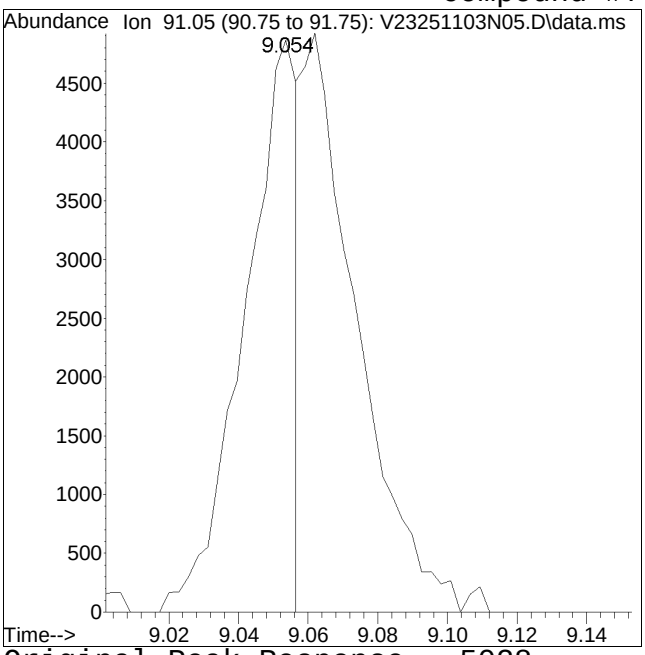
Manual Peak Response = 1513 M1

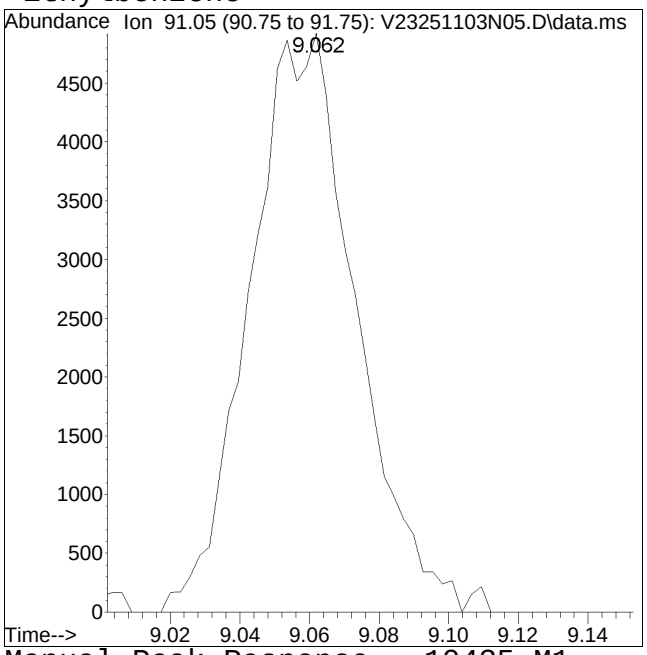
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #74: Ethylbenzene





Original Peak Response = 5028 Manual Peak Response = 10435 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N07.D
Acq On : 03 Nov 2025 09:35 pm
Operator : VOA123:AJK
Sample : I8260STD2PPB
Misc : WG2136903,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 04 12:24:30 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.518	96	201758	20.000 ug/L	0.00
Standard Area 1 = 201320			Recovery = 100.22%		
59) Chlorobenzene-d5	8.992	117	145653	20.000 ug/L	0.00
Standard Area 1 = 146207			Recovery = 99.62%		
79) 1,4-Dichlorobenzene-d4	11.803	152	77102	20.000 ug/L	0.00
Standard Area 1 = 79326			Recovery = 97.20%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.734	113	50565	19.623 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.12%		
43) 1,2-Dichloroethane-d4	5.242	65	52252	20.217 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.09%		
60) Toluene-d8	7.174	98	197839	20.147 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.74%		
83) 4-Bromofluorobenzene	10.540	95	70998	20.531 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.65%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.466	85	4921M1	2.157 ug/L	
3) Chloromethane	1.661	50	5070M1	2.051 ug/L	
4) Vinyl chloride	1.692	62	5744M1	2.093 ug/L	
5) Bromomethane	1.965	94	3045M1	1.837 ug/L	
6) Chloroethane	2.065	64	3542M1	1.931 ug/L	
7) Trichlorofluoromethane	2.188	101	8263M1	2.035 ug/L	
8) Ethyl ether	2.453	74	2480	1.802 ug/L #	81
10) 1,1-Dichloroethene	2.623	96	4327	2.015 ug/L	92
11) Carbon disulfide	2.656	76	17370M1	2.342 ug/L	
12) Freon-113	2.662	101	4539	2.074 ug/L	99
14) Acrolein	2.921	56	547M1	2.070 ug/L	
15) Methylene chloride	3.133	84	5991M1	2.196 ug/L	
17) Acetone	3.175	43	4715	7.117 ug/L #	88
18) trans-1,2-Dichloroethene	3.281	96	5090	1.981 ug/L	94
19) Methyl acetate	3.287	43	1921	1.761 ug/L #	82
20) Methyl tert-butyl ether	3.365	73	13954	1.937 ug/L	92
21) tert-Butyl alcohol	3.448	59	1807M1	8.684 ug/L	
22) Diisopropyl ether	3.702	45	15460	1.987 ug/L #	91
23) 1,1-Dichloroethane	3.822	63	9268M1	1.975 ug/L	
24) Halothane	3.870	117	3842	2.040 ug/L	96
25) Acrylonitrile	3.878	53	907M1	1.635 ug/L	

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N07.D
Acq On : 03 Nov 2025 09:35 pm
Operator : VOA123:AJK
Sample : I8260STD2PPB
Misc : WG2136903,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 04 12:24:30 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.040	59	15132	1.917	ug/L		90
27) Vinyl acetate	4.045	43	9570	1.755	ug/L	#	93
28) cis-1,2-Dichloroethene	4.319	96	5624	1.919	ug/L		97
29) 2,2-Dichloropropane	4.405	77	7822	2.040	ug/L		92
30) Bromochloromethane	4.497	128	2486	1.866	ug/L		89
31) Cyclohexane	4.503	56	8231	2.135	ug/L	#	44
32) Chloroform	4.567	83	13374	2.696	ug/L		98
33) Ethyl acetate	4.687	43	3524	1.958	ug/L	#	81
34) Carbon tetrachloride	4.698	117	7467	2.025	ug/L		97
35) Tetrahydrofuran	4.717	42	1350M1	2.459	ug/L		
37) 1,1,1-Trichloroethane	4.756	97	8263	2.019	ug/L	#	94
39) 2-Butanone	4.859	43	3104	4.372	ug/L	#	55
40) 1,1-Dichloropropene	4.882	75	6349	2.011	ug/L		97
41) Benzene	5.113	78	19981	2.004	ug/L		97
42) tert-Amyl methyl ether	5.225	73	13094	1.853	ug/L		95
44) 1,2-Dichloroethane	5.306	62	6735	1.905	ug/L		98
47) Methyl cyclohexane	5.682	83	8260	1.957	ug/L		85
48) Trichloroethene	5.693	95	5395	1.966	ug/L		96
50) Dibromomethane	6.123	93	2983M1	1.860	ug/L		
51) 1,2-Dichloropropane	6.218	63	5193	1.938	ug/L		98
53) 2-Chloroethyl vinyl ether	6.923	63	1858M1	1.548	ug/L		
54) Bromodichloromethane	6.296	83	7302	1.877	ug/L	#	98
57) 1,4-Dioxane	6.522	88	879M1	53.551	ug/L		
58) cis-1,3-Dichloropropene	6.973	75	7511	1.705	ug/L	#	85
61) Toluene	7.235	92	12525	1.961	ug/L		94
62) 4-Methyl-2-pentanone	7.673	58	1099M1	1.521	ug/L		
63) Tetrachloroethene	7.679	166	5599	1.956	ug/L	#	84
65) trans-1,3-Dichloropropene	7.718	75	6336	1.669	ug/L		90
67) Ethyl methacrylate	7.916	69	4287	1.501	ug/L		78
68) 1,1,2-Trichloroethane	7.894	83	3697	2.010	ug/L	#	79
69) Chlorodibromomethane	8.094	129	4640	1.653	ug/L		99
70) 1,3-Dichloropropane	8.206	76	6908	1.884	ug/L		99
71) 1,2-Dibromoethane	8.370	107	3644	1.662	ug/L		97
72) 2-Hexanone	8.663	43	748	0.643	ug/L	#	76
73) Chlorobenzene	9.015	112	14496	1.941	ug/L		99
74) Ethylbenzene	9.054	91	26041	2.087	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.098	131	4991	1.765	ug/L	#	63
76) p/m Xylene	9.246	106	19170	3.940	ug/L		97
77) o Xylene	9.787	106	19073	3.918	ug/L		100
78) Styrene	9.857	104	30148	3.623	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N07.D
Acq On : 03 Nov 2025 09:35 pm
Operator : VOA123:AJK
Sample : I8260STD2PPB
Misc : WG2136903,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 04 12:24:30 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.874	173	2960	1.693	ug/L		93
82) Isopropylbenzene	10.200	105	23702	1.956	ug/L		100
84) Bromobenzene	10.654	156	6260	1.927	ug/L		97
85) n-Propylbenzene	10.713	91	28214	1.956	ug/L		100
86) 1,4-Dichlorobutane	10.724	55	7188	2.001	ug/L		98
87) 1,1,2,2-Tetrachloroethane	10.802	83	5095	1.910	ug/L		99
88) 4-Ethyltoluene	10.844	105	23177	1.915	ug/L		100
89) 2-Chlorotoluene	10.880	91	17850	2.011	ug/L		98
90) 1,3,5-Trimethylbenzene	10.950	105	20481	1.926	ug/L		99
91) 1,2,3-Trichloropropane	10.947	75	4152	2.025	ug/L	#	85
92) trans-1,4-Dichloro-2-b...	11.006	53	515	0.707	ug/L	#	45
93) 4-Chlorotoluene	11.075	91	17852	1.951	ug/L		99
94) tert-Butylbenzene	11.301	119	17103	1.908	ug/L		97
97) 1,2,4-Trimethylbenzene	11.385	105	20249	1.911	ug/L		99
98) sec-Butylbenzene	11.497	105	26076	1.944	ug/L		99
99) p-Isopropyltoluene	11.664	119	21880	1.876	ug/L		96
100) 1,3-Dichlorobenzene	11.722	146	11774	1.897	ug/L		99
101) 1,4-Dichlorobenzene	11.820	146	12254	1.950	ug/L	#	91
102) p-Diethylbenzene	12.049	119	12750	1.838	ug/L		96
103) n-Butylbenzene	12.110	91	20272	1.930	ug/L		96
104) 1,2-Dichlorobenzene	12.255	146	10838	1.853	ug/L		100
105) 1,2,4,5-Tetramethylben...	12.860	119	20141	1.778	ug/L		99
106) 1,2-Dibromo-3-chloropr...	13.050	155	598	1.479	ug/L		97
107) 1,3,5-Trichlorobenzene	13.086	180	9213	1.926	ug/L		97
108) Hexachlorobutadiene	13.669	225	4573	1.923	ug/L		97
109) 1,2,4-Trichlorobenzene	13.691	180	7996	1.873	ug/L		97
110) Naphthalene	13.984	128	15395	1.916	ug/L		100
111) 1,2,3-Trichlorobenzene	14.151	180	7160	1.939	ug/L		96

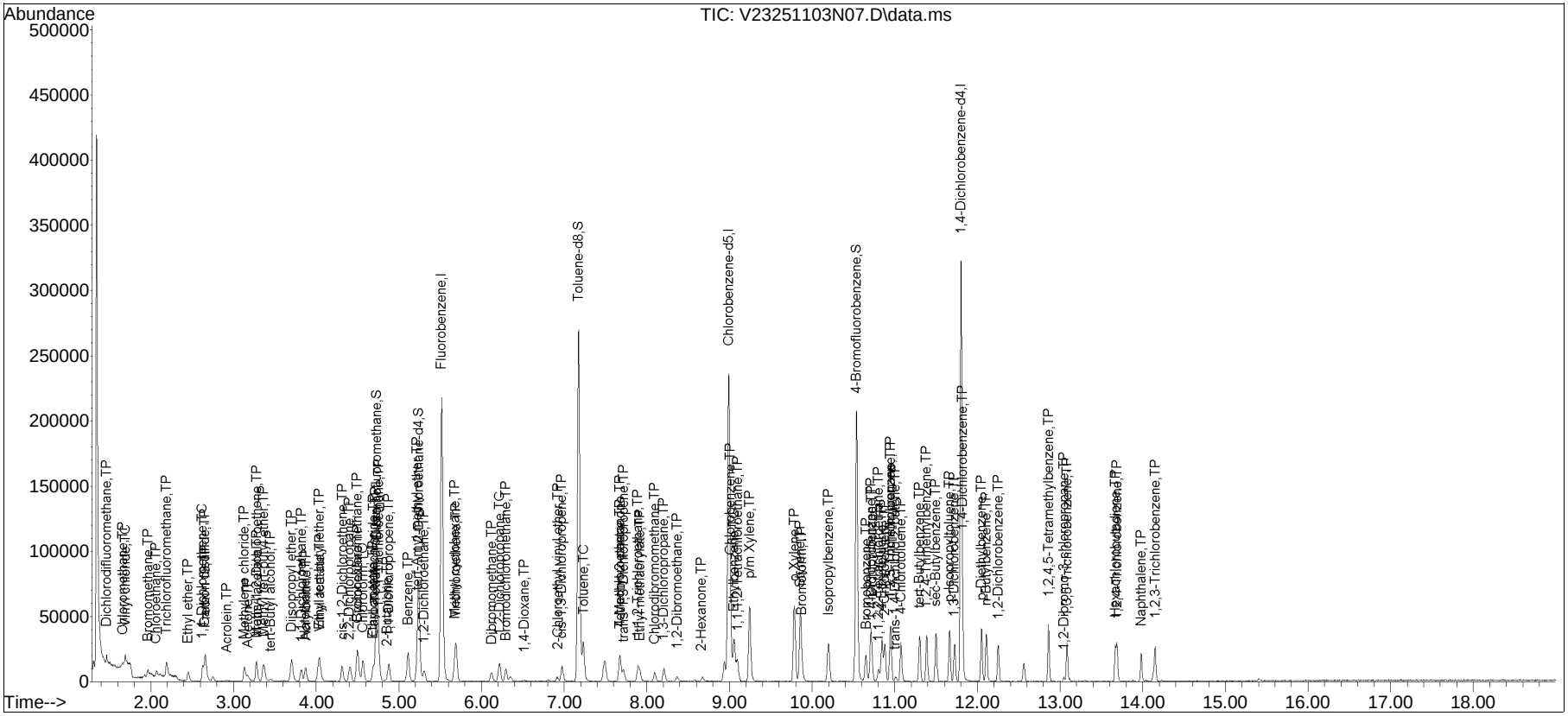
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N07.D
Acq On : 03 Nov 2025 09:35 pm
Operator : VOA123:AJK
Sample : I8260STD2PPB
Misc : WG2136903,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 04 12:24:30 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

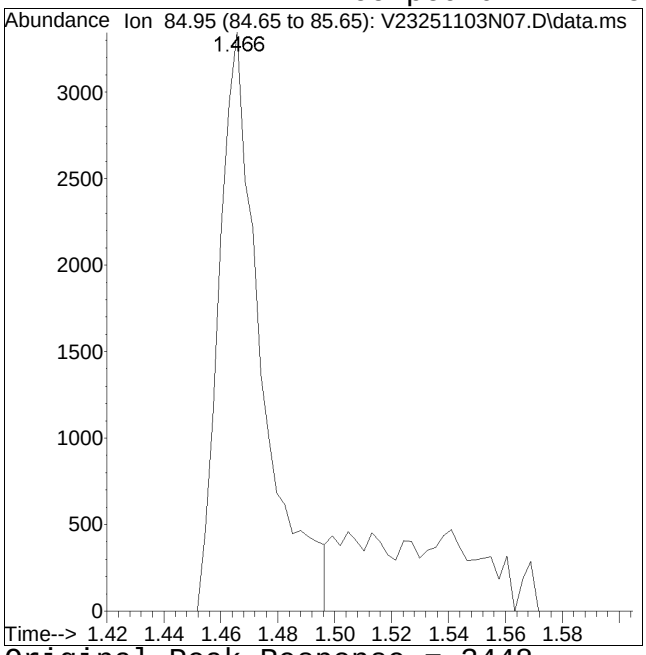
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•

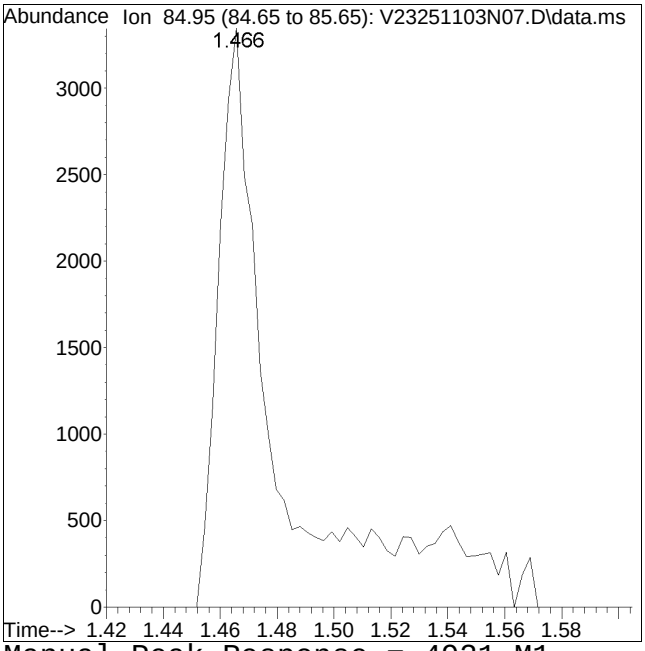


Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #2: Dichlorodifluoromethane



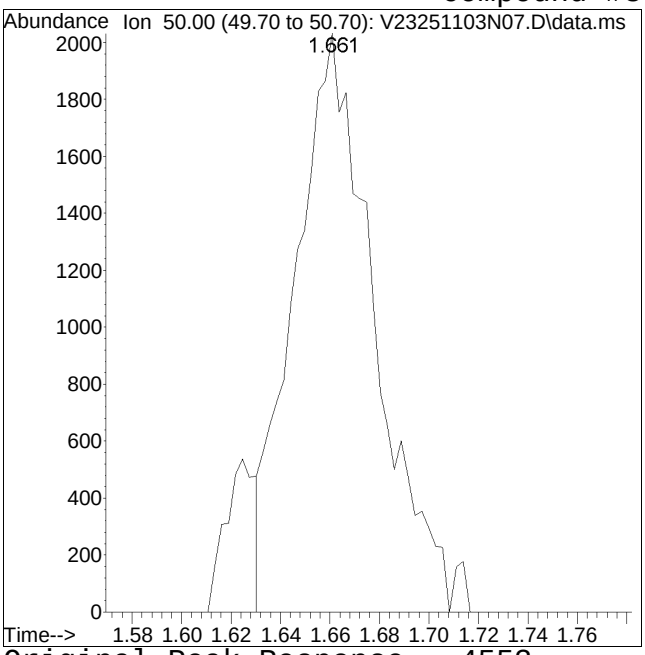


Original Peak Response = 3448 Manual Peak Response = 4921 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

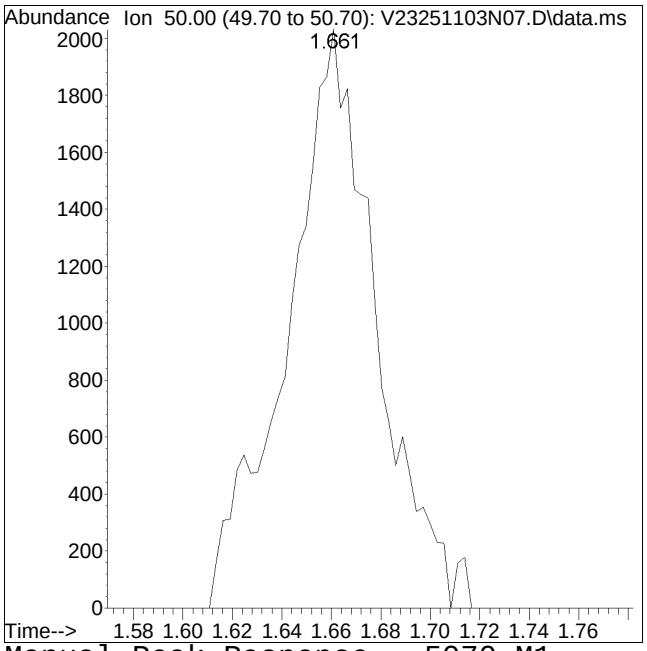
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #3: Chloromethane



Original Peak Response = 4553



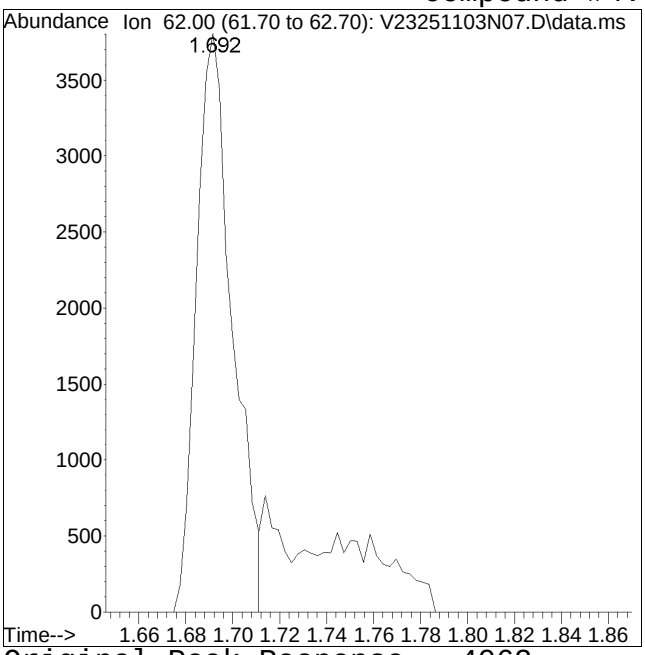
Manual Peak Response = 5070 M1

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

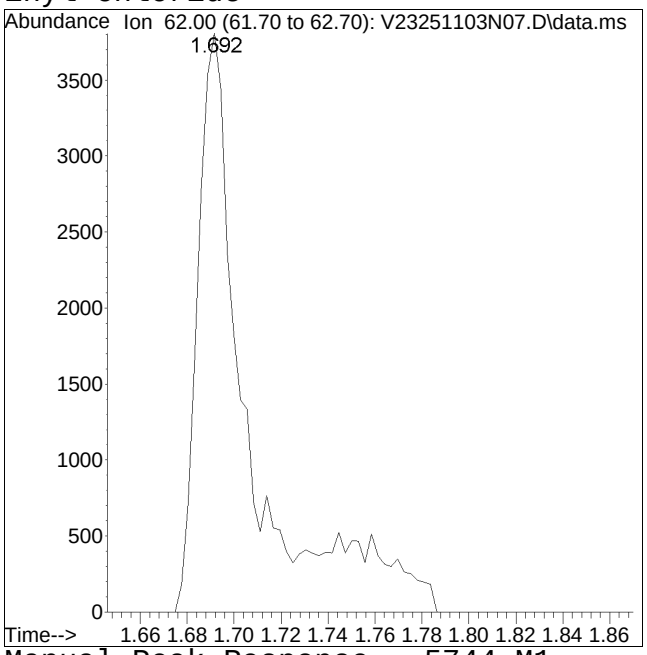
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #4: Vinyl chloride



Original Peak Response = 4062



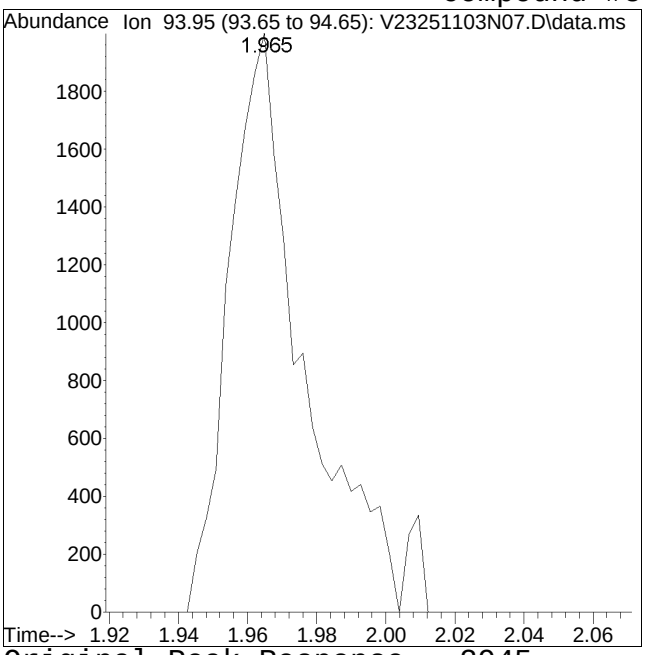
Manual Peak Response = 5744 M1

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

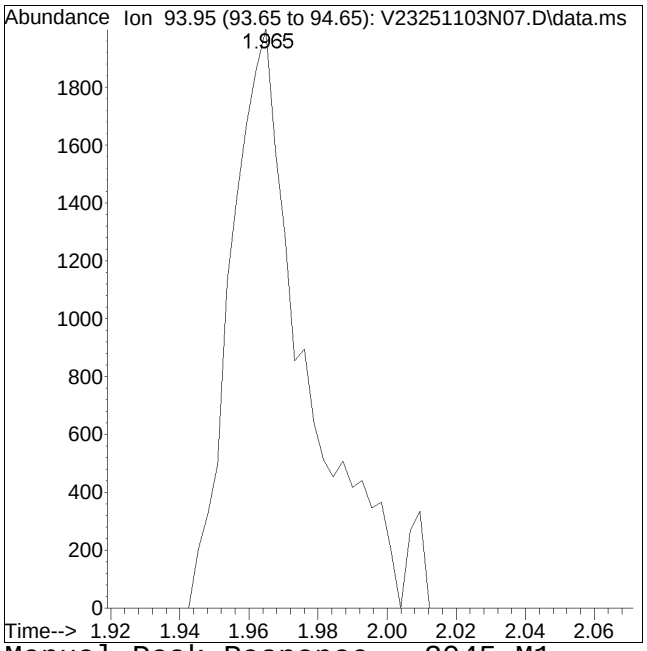
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #5: Bromomethane



Original Peak Response = 2945



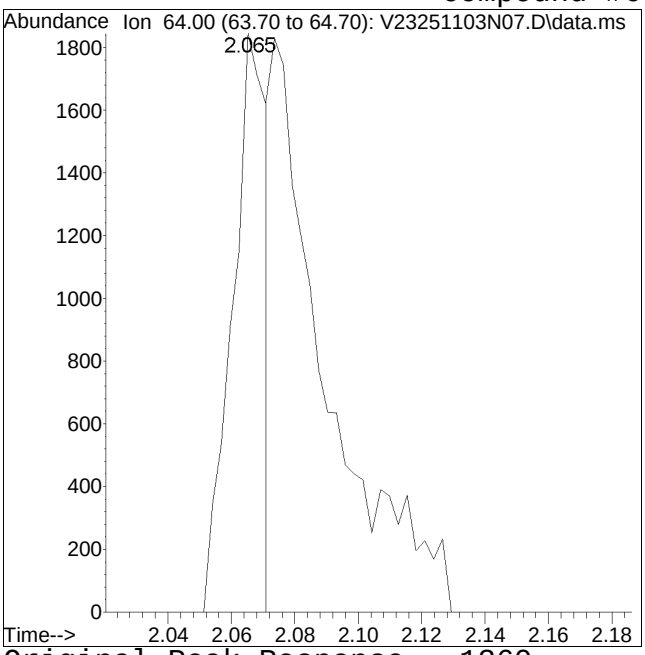
Manual Peak Response = 3045 M1

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

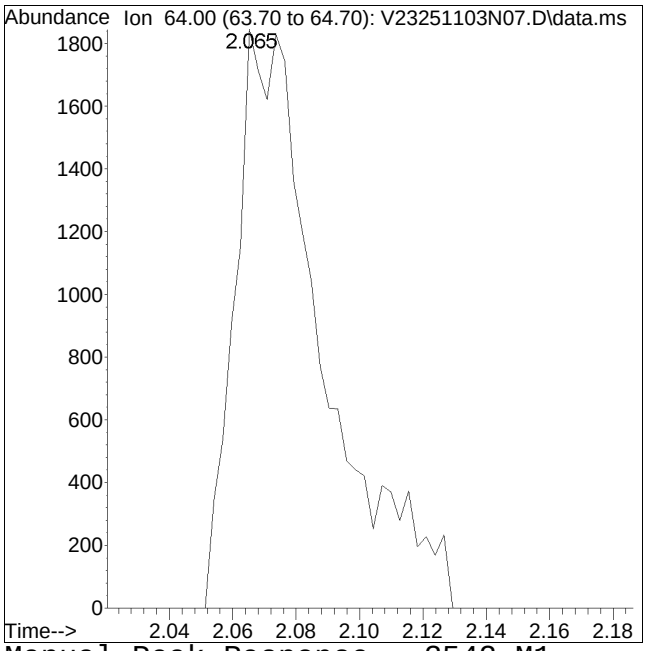
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #6: Chloroethane



Original Peak Response = 1360



Manual Peak Response = 3542 M1

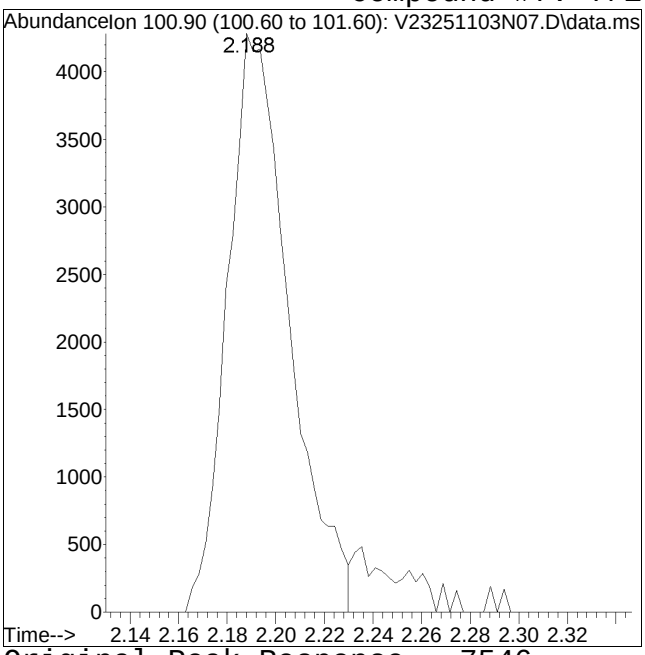
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

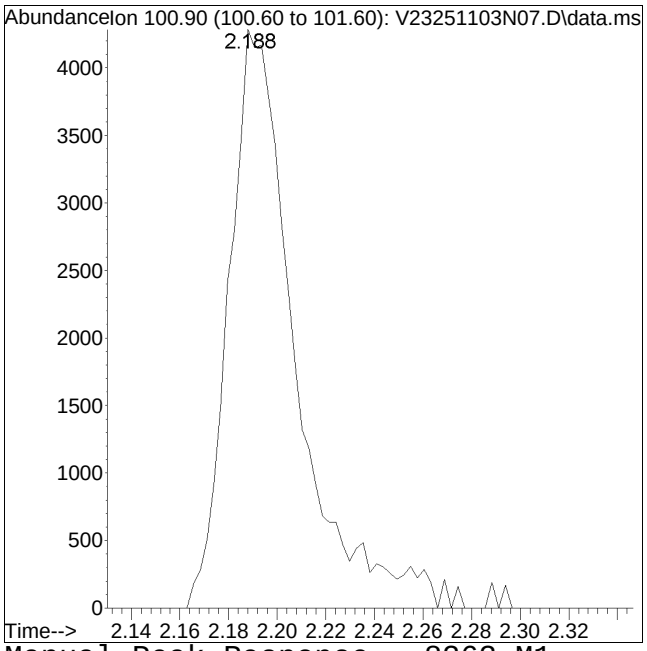
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N07.D
Date Inj'd : 11/3/2025 9:35 pm
Sample : I8260STD2PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #7: Trichlorofluoromethane



Original Peak Response = 7546



Manual Peak Response = 8263 M1

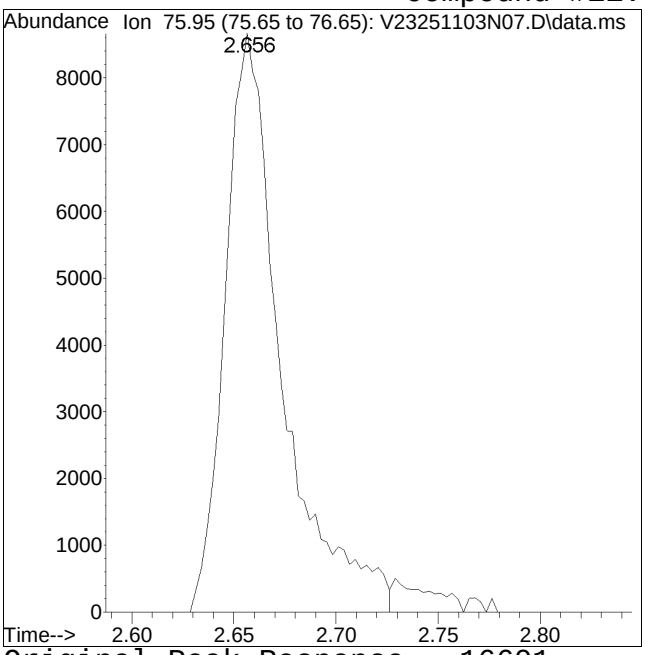
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

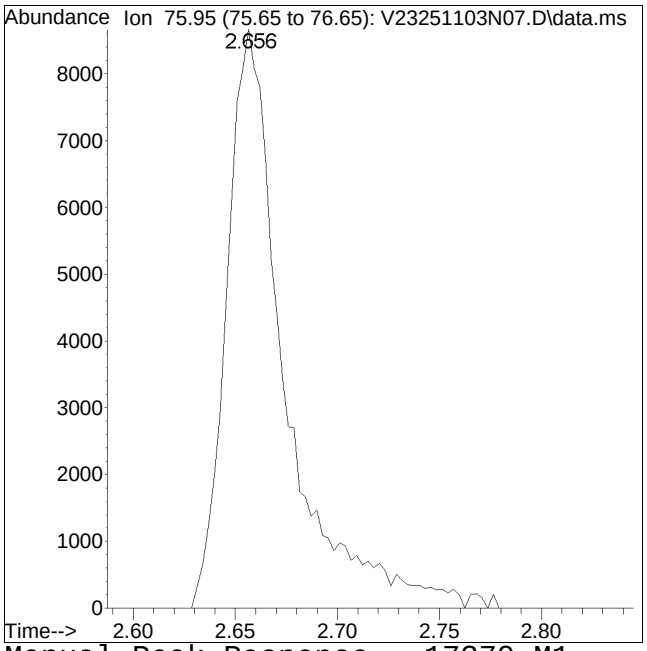
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N07.D
Date Inj'd : 11/3/2025 9:35 pm
Sample : I8260STD2PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #11: Carbon disulfide



Original Peak Response = 16601



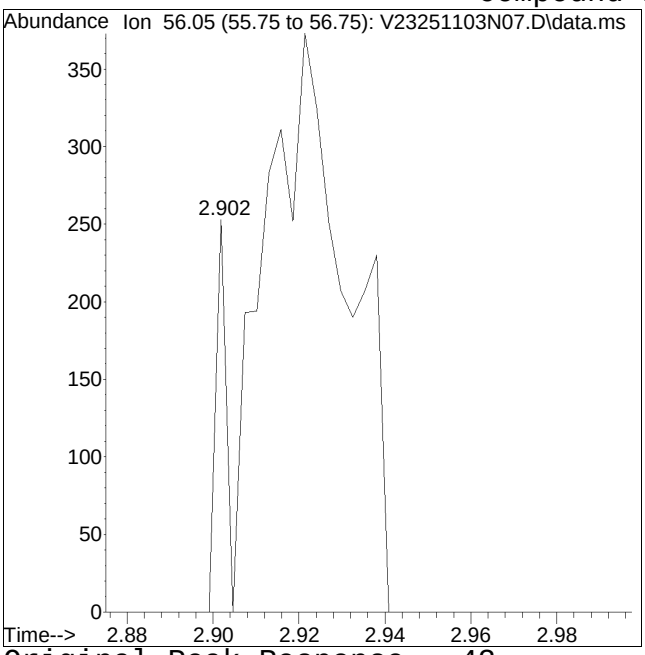
Manual Peak Response = 17370 M1

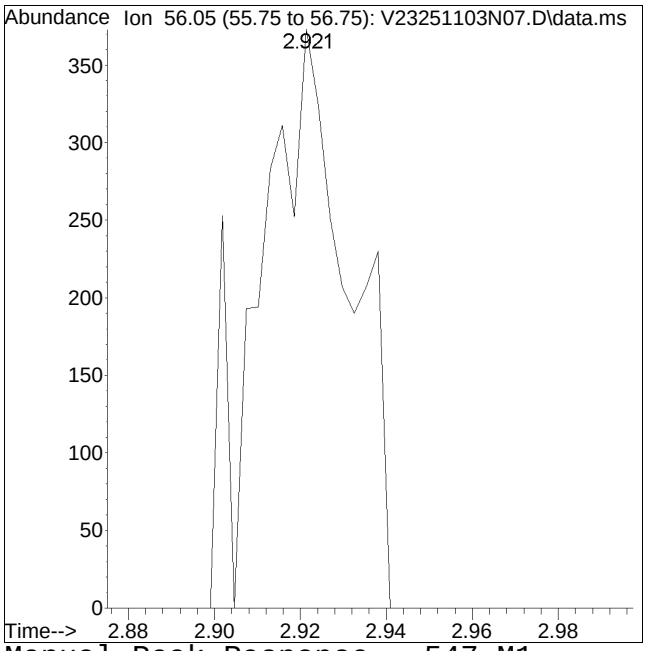
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #14: Acrolein





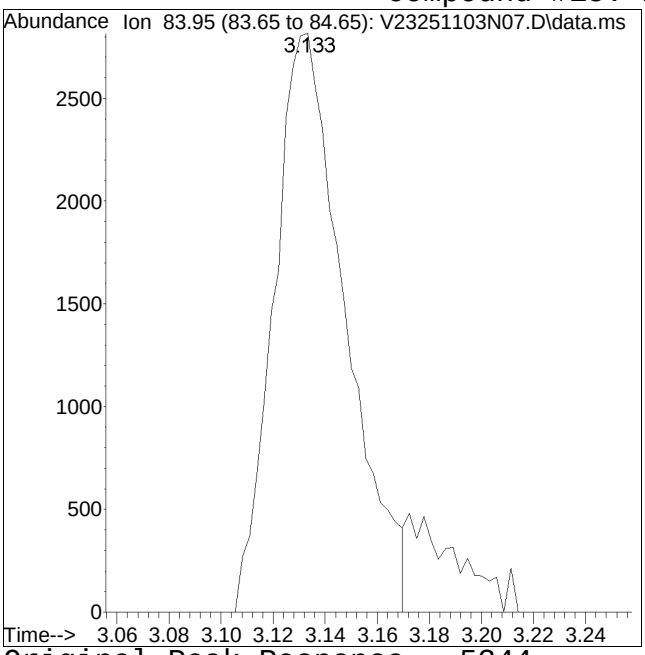
Original Peak Response = 42 Manual Peak Response = 547 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

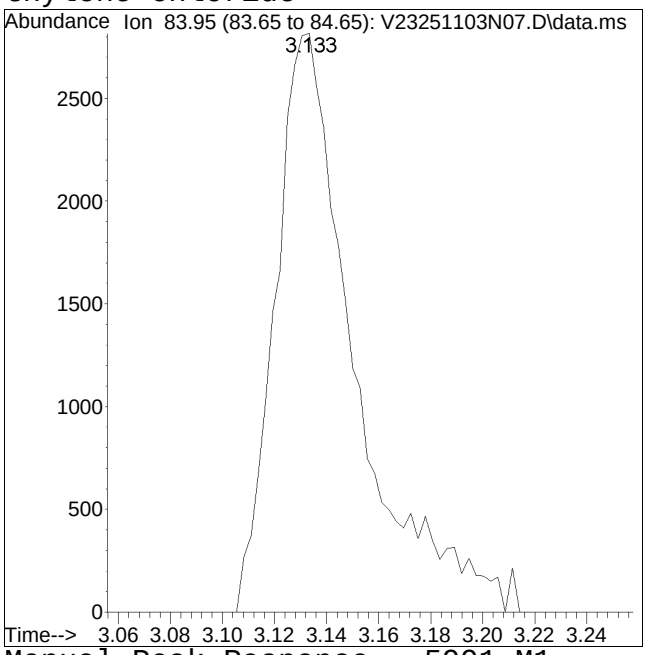
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N07.D
Date Inj'd : 11/3/2025 9:35 pm
Sample : I8260STD2PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #15: Methylene chloride



Original Peak Response = 5344



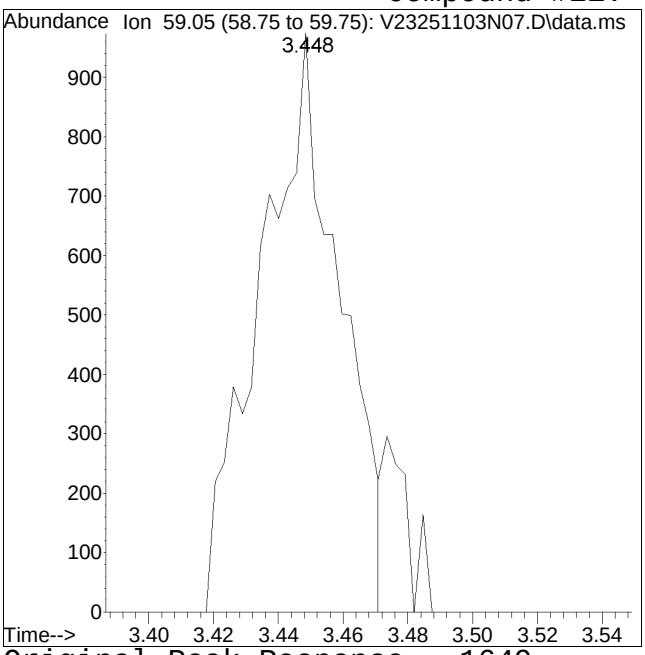
Manual Peak Response = 5991 M1

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

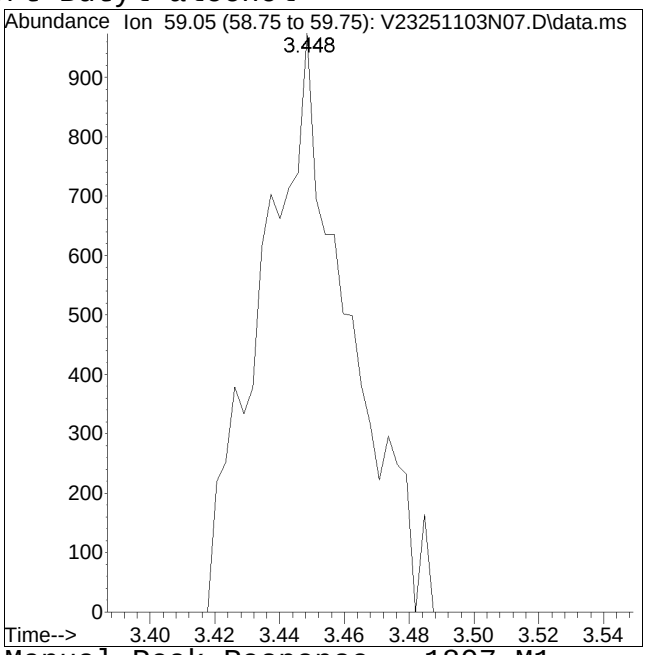
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #21: tert-Butyl alcohol



Original Peak Response = 1649



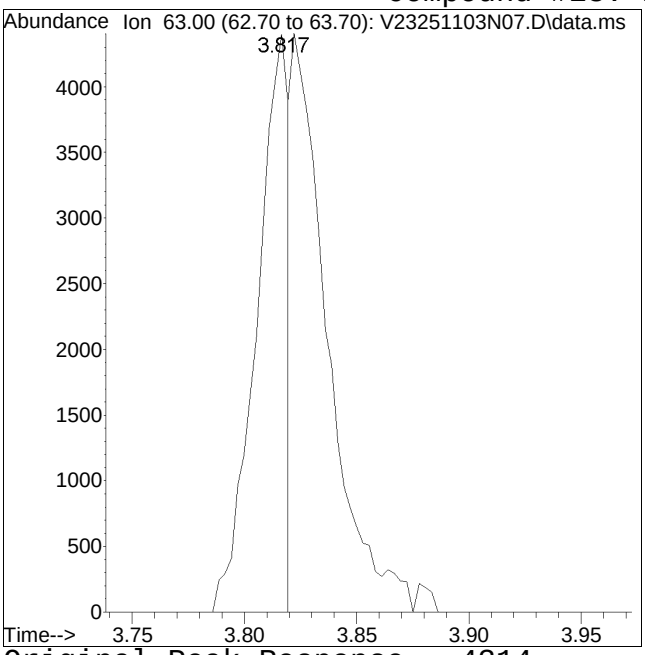
Manual Peak Response = 1807 M1

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

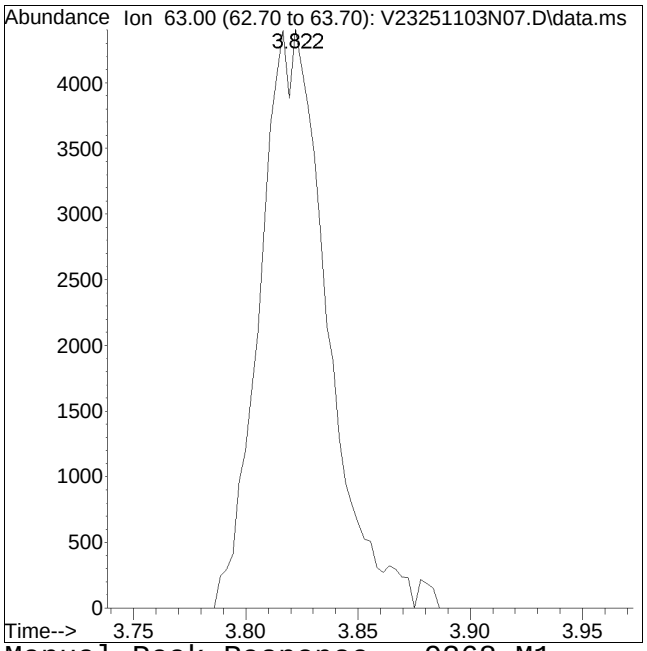
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #23: 1,1-Dichloroethane



Original Peak Response = 4314



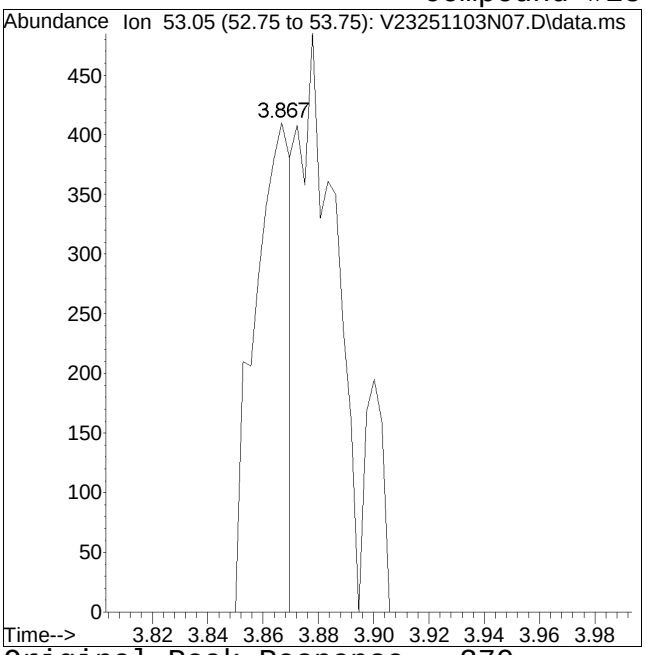
Manual Peak Response = 9268 M1

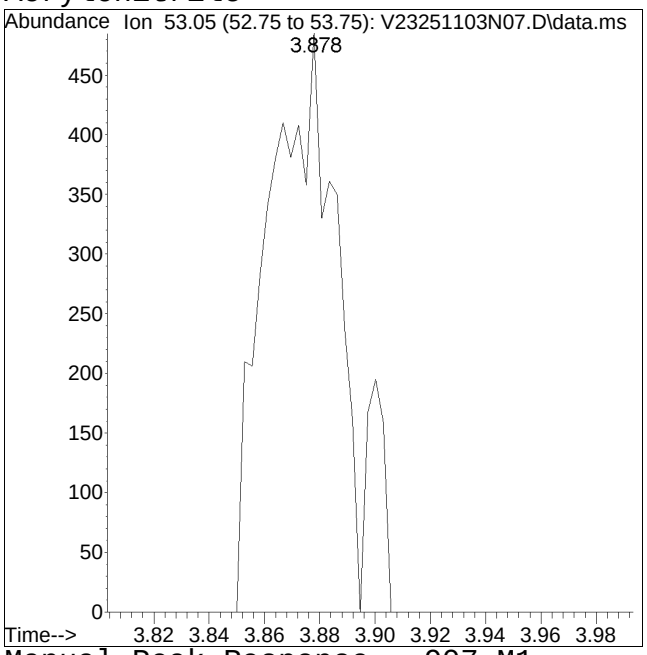
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #25: Acrylonitrile



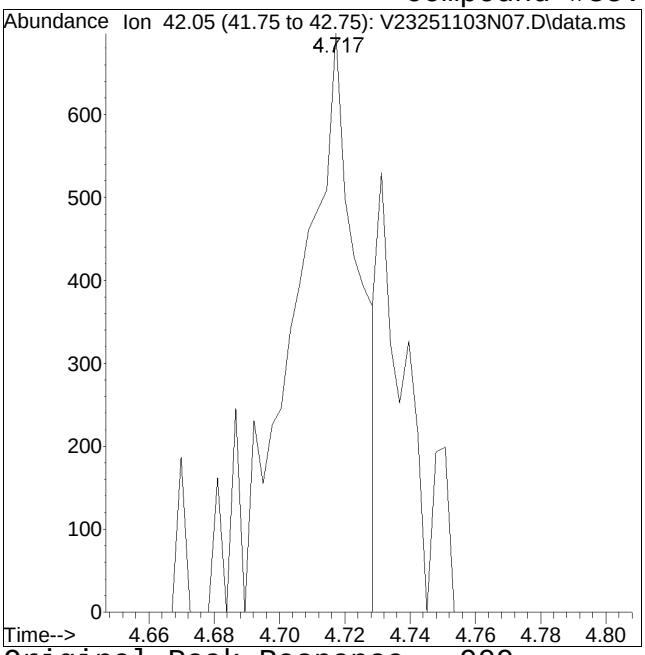


Original Peak Response = 370 Manual Peak Response = 907 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

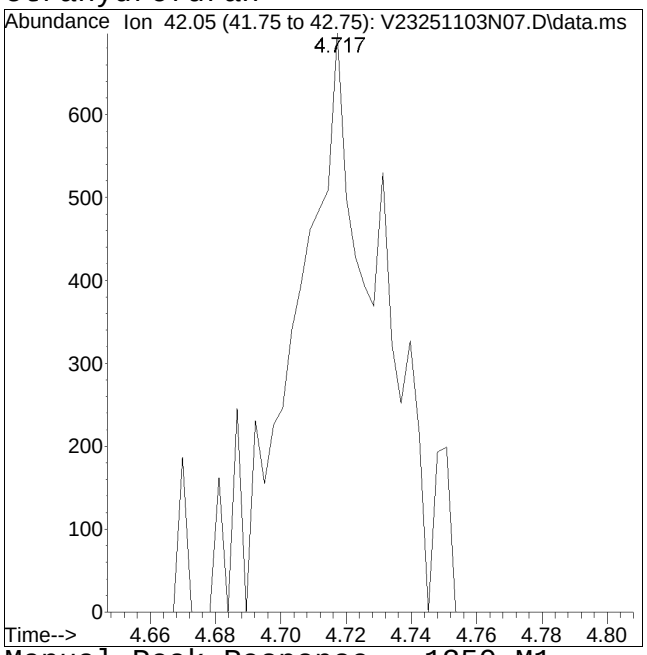
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 909



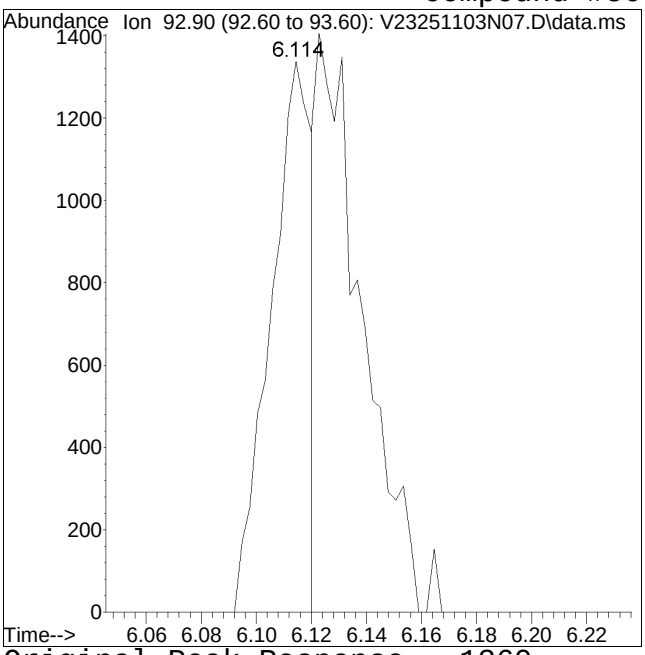
Manual Peak Response = 1350 M1

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

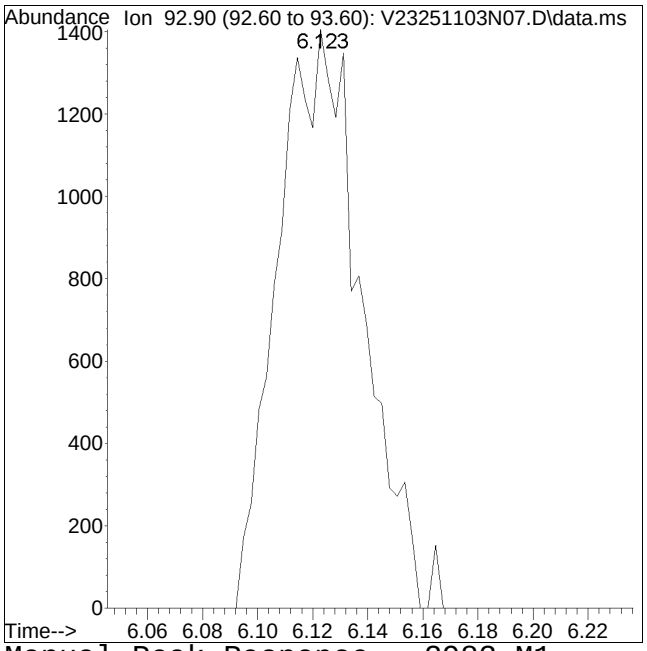
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #50: Dibromomethane



Original Peak Response = 1360



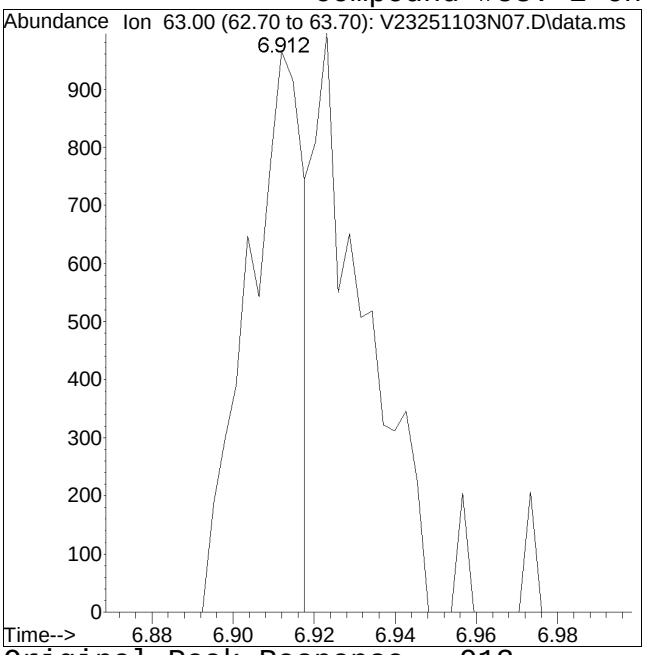
Manual Peak Response = 2983 M1

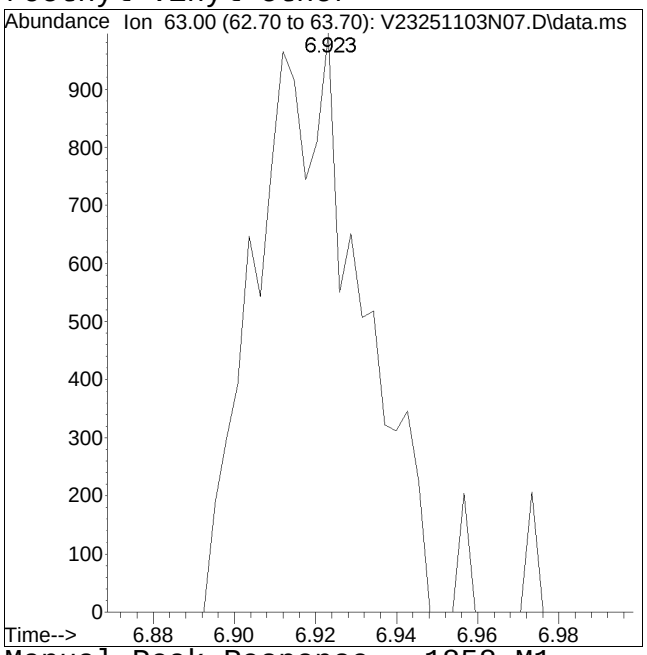
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #53: 2-Chloroethyl vinyl ether





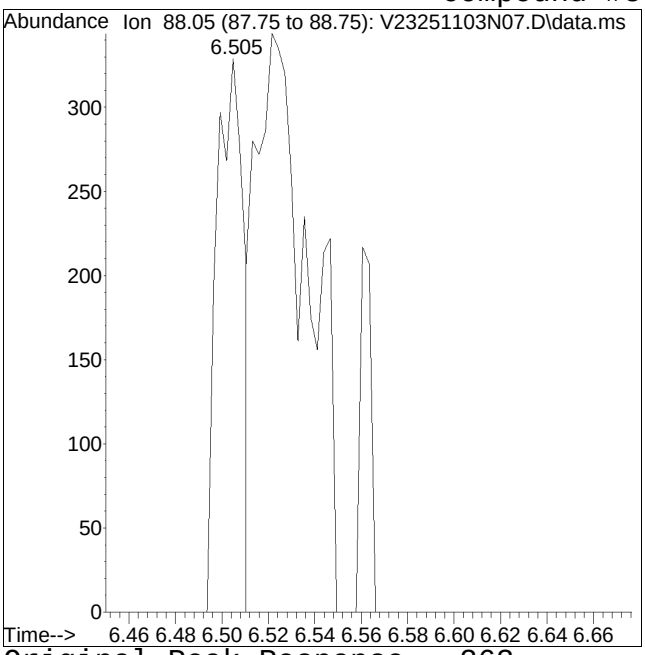
Original Peak Response = 913 Manual Peak Response = 1858 M1

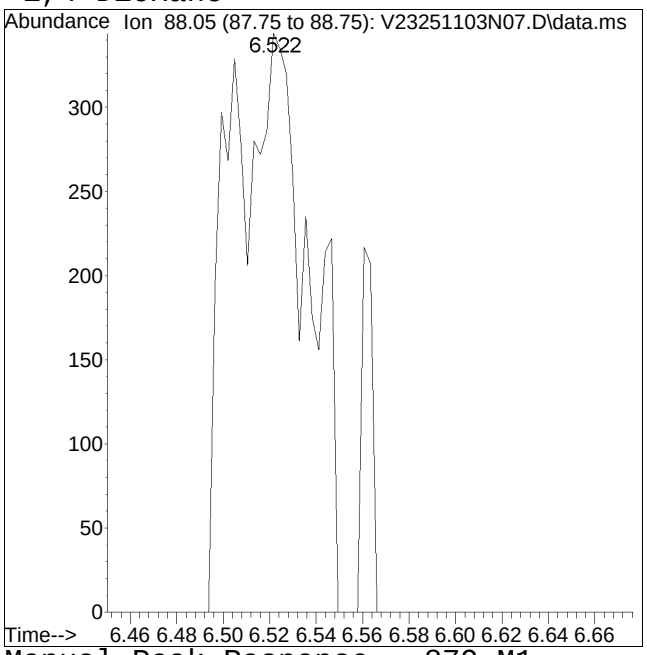
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #57: 1,4-Dioxane



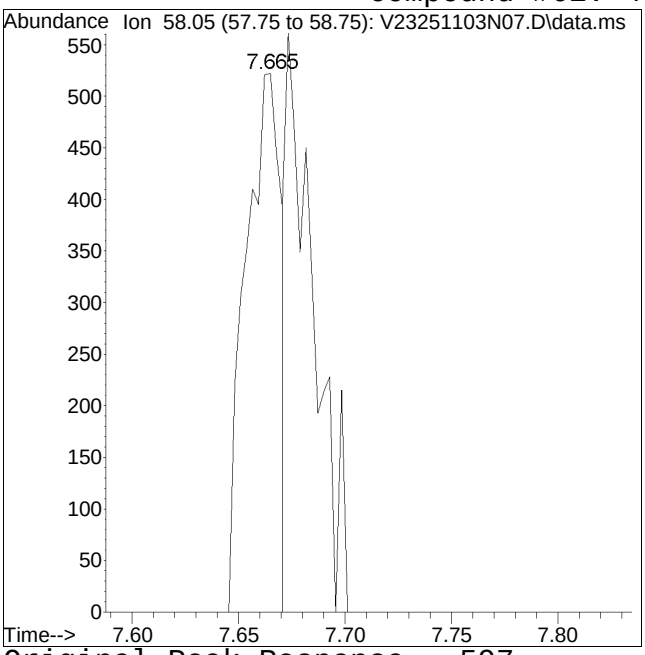


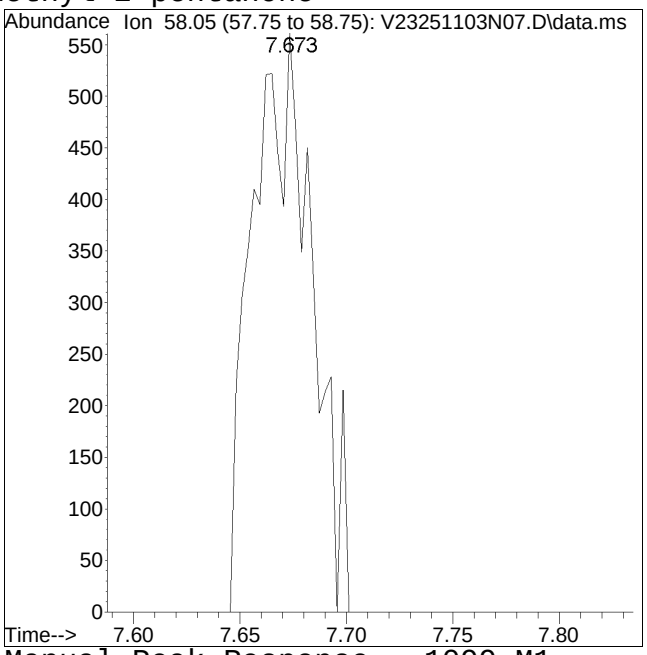
Original Peak Response = 263 Manual Peak Response = 879 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #62: 4-Methyl-2-pentanone





Original Peak Response = 597 Manual Peak Response = 1099 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N08.D
Acq On : 03 Nov 2025 10:01 pm
Operator : VOA123:AJK
Sample : I8260STD4PPB
Misc : WG2136903,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 04 12:26:01 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.518	96	201082	20.000 ug/L	0.00
Standard Area 1 = 201320			Recovery = 99.88%		
59) Chlorobenzene-d5	8.992	117	143146	20.000 ug/L	0.00
Standard Area 1 = 146207			Recovery = 97.91%		
79) 1,4-Dichlorobenzene-d4	11.800	152	76658	20.000 ug/L	0.00
Standard Area 1 = 79326			Recovery = 96.64%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.737	113	49883	19.424 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.12%		
43) 1,2-Dichloroethane-d4	5.241	65	52499	20.381 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.91%		
60) Toluene-d8	7.177	98	196105	20.320 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.60%		
83) 4-Bromofluorobenzene	10.537	95	69199	20.127 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.63%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.466	85	7858M1	3.456 ug/L	
3) Chloromethane	1.655	50	8219M1	3.335 ug/L	
4) Vinyl chloride	1.691	62	9189M1	3.360 ug/L	
5) Bromomethane	1.965	94	5338	3.230 ug/L	97
6) Chloroethane	2.071	64	5953	3.257 ug/L	94
7) Trichlorofluoromethane	2.193	101	13987M1	3.457 ug/L	
8) Ethyl ether	2.456	74	5122	3.734 ug/L #	91
10) 1,1-Dichloroethene	2.626	96	7424	3.469 ug/L	95
11) Carbon disulfide	2.659	76	27366M1	3.702 ug/L	
12) Freon-113	2.665	101	7498	3.438 ug/L	98
14) Acrolein	2.918	56	1014	3.851 ug/L	86
15) Methylene chloride	3.130	84	10181M1	3.745 ug/L	
17) Acetone	3.169	43	5902M1	8.939 ug/L	
18) trans-1,2-Dichloroethene	3.278	96	8660	3.383 ug/L	95
19) Methyl acetate	3.281	43	4080	3.752 ug/L #	92
20) Methyl tert-butyl ether	3.365	73	26044	3.628 ug/L #	89
21) tert-Butyl alcohol	3.448	59	3521	16.977 ug/L #	84
22) Diisopropyl ether	3.702	45	27471	3.542 ug/L #	84
23) 1,1-Dichloroethane	3.819	63	16377	3.501 ug/L	99
24) Halothane	3.869	117	6260	3.335 ug/L	100
25) Acrylonitrile	3.869	53	1904M1	3.445 ug/L	

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N08.D
Acq On : 03 Nov 2025 10:01 pm
Operator : VOA123:AJK
Sample : I8260STD4PPB
Misc : WG2136903,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 04 12:26:01 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.031	59	28029	3.563	ug/L		93
27) Vinyl acetate	4.045	43	18905	3.479	ug/L	#	92
28) cis-1,2-Dichloroethene	4.318	96	10229	3.502	ug/L		97
29) 2,2-Dichloropropane	4.410	77	13048	3.414	ug/L		87
30) Bromochloromethane	4.494	128	4763	3.587	ug/L		93
31) Cyclohexane	4.508	56	13491	3.510	ug/L		97
32) Chloroform	4.567	83	20811	4.209	ug/L		96
33) Ethyl acetate	4.678	43	6193	3.453	ug/L	#	85
34) Carbon tetrachloride	4.695	117	12445	3.386	ug/L	#	91
35) Tetrahydrofuran	4.726	42	2110M1	3.856	ug/L		
37) 1,1,1-Trichloroethane	4.762	97	13931	3.415	ug/L		97
39) 2-Butanone	4.854	43	4175	5.900	ug/L	#	62
40) 1,1-Dichloropropene	4.879	75	10875	3.457	ug/L		98
41) Benzene	5.113	78	34113	3.433	ug/L	#	86
42) tert-Amyl methyl ether	5.225	73	24988	3.547	ug/L		93
44) 1,2-Dichloroethane	5.306	62	13030	3.698	ug/L		94
47) Methyl cyclohexane	5.682	83	14648	3.482	ug/L		92
48) Trichloroethene	5.696	95	9424	3.445	ug/L		97
50) Dibromomethane	6.114	93	5823	3.643	ug/L		96
51) 1,2-Dichloropropane	6.220	63	9366	3.508	ug/L		98
53) 2-Chloroethyl vinyl ether	6.912	63	3971	3.320	ug/L	#	79
54) Bromodichloromethane	6.293	83	12909	3.330	ug/L		95
57) 1,4-Dioxane	6.510	88	2624M1	160.400	ug/L		
58) cis-1,3-Dichloropropene	6.973	75	14724	3.355	ug/L	#	89
61) Toluene	7.233	92	22281	3.549	ug/L		98
62) 4-Methyl-2-pentanone	7.670	58	2463	3.467	ug/L		76
63) Tetrachloroethene	7.673	166	9766	3.471	ug/L		98
65) trans-1,3-Dichloropropene	7.718	75	12071	3.235	ug/L		98
67) Ethyl methacrylate	7.916	69	9404	3.350	ug/L		85
68) 1,1,2-Trichloroethane	7.894	83	6682	3.696	ug/L		99
69) Chlorodibromomethane	8.097	129	9159	3.320	ug/L		98
70) 1,3-Dichloropropane	8.209	76	13205	3.664	ug/L		98
71) 1,2-Dibromoethane	8.368	107	7435	3.451	ug/L		99
72) 2-Hexanone	8.669	43	4372	3.823	ug/L	#	79
73) Chlorobenzene	9.012	112	26245	3.576	ug/L		93
74) Ethylbenzene	9.059	91	44601	3.637	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.098	131	9558	3.440	ug/L		98
76) p/m Xylene	9.243	106	33456	6.997	ug/L		99
77) o Xylene	9.781	106	33556	7.014	ug/L		98
78) Styrene	9.857	104	54998	6.726	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N08.D
Acq On : 03 Nov 2025 10:01 pm
Operator : VOA123:AJK
Sample : I8260STD4PPB
Misc : WG2136903,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 04 12:26:01 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.871	173	5384	3.096	ug/L		96
82) Isopropylbenzene	10.197	105	42771	3.551	ug/L		100
84) Bromobenzene	10.652	156	11720	3.628	ug/L		97
85) n-Propylbenzene	10.710	91	50615	3.528	ug/L		100
86) 1,4-Dichlorobutane	10.718	55	13055	3.656	ug/L		93
87) 1,1,2,2-Tetrachloroethane	10.802	83	9851	3.714	ug/L		98
88) 4-Ethyltoluene	10.847	105	42067	3.495	ug/L		99
89) 2-Chlorotoluene	10.877	91	31567M6	3.577	ug/L		
90) 1,3,5-Trimethylbenzene	10.950	105	38001	3.594	ug/L		97
91) 1,2,3-Trichloropropane	10.942	75	7840	3.846	ug/L		99
92) trans-1,4-Dichloro-2-b...	11.014	53	2298	3.171	ug/L	#	76
93) 4-Chlorotoluene	11.073	91	32367	3.559	ug/L		100
94) tert-Butylbenzene	11.298	119	31637	3.549	ug/L		97
97) 1,2,4-Trimethylbenzene	11.385	105	37436	3.554	ug/L		97
98) sec-Butylbenzene	11.499	105	47162	3.537	ug/L		99
99) p-Isopropyltoluene	11.664	119	40257	3.471	ug/L		98
100) 1,3-Dichlorobenzene	11.722	146	21446	3.475	ug/L		99
101) 1,4-Dichlorobenzene	11.817	146	22629	3.622	ug/L		96
102) p-Diethylbenzene	12.049	119	23950	3.472	ug/L		99
103) n-Butylbenzene	12.107	91	36110	3.458	ug/L		99
104) 1,2-Dichlorobenzene	12.249	146	20478	3.522	ug/L		100
105) 1,2,4,5-Tetramethylben...	12.860	119	39381	3.496	ug/L		96
106) 1,2-Dibromo-3-chloropr...	13.044	155	1318	3.278	ug/L		96
107) 1,3,5-Trichlorobenzene	13.083	180	16953	3.564	ug/L		98
108) Hexachlorobutadiene	13.672	225	8392	3.549	ug/L		98
109) 1,2,4-Trichlorobenzene	13.688	180	15620	3.680	ug/L		98
110) Naphthalene	13.978	128	29620	3.708	ug/L		100
111) 1,2,3-Trichlorobenzene	14.151	180	13525	3.683	ug/L		98

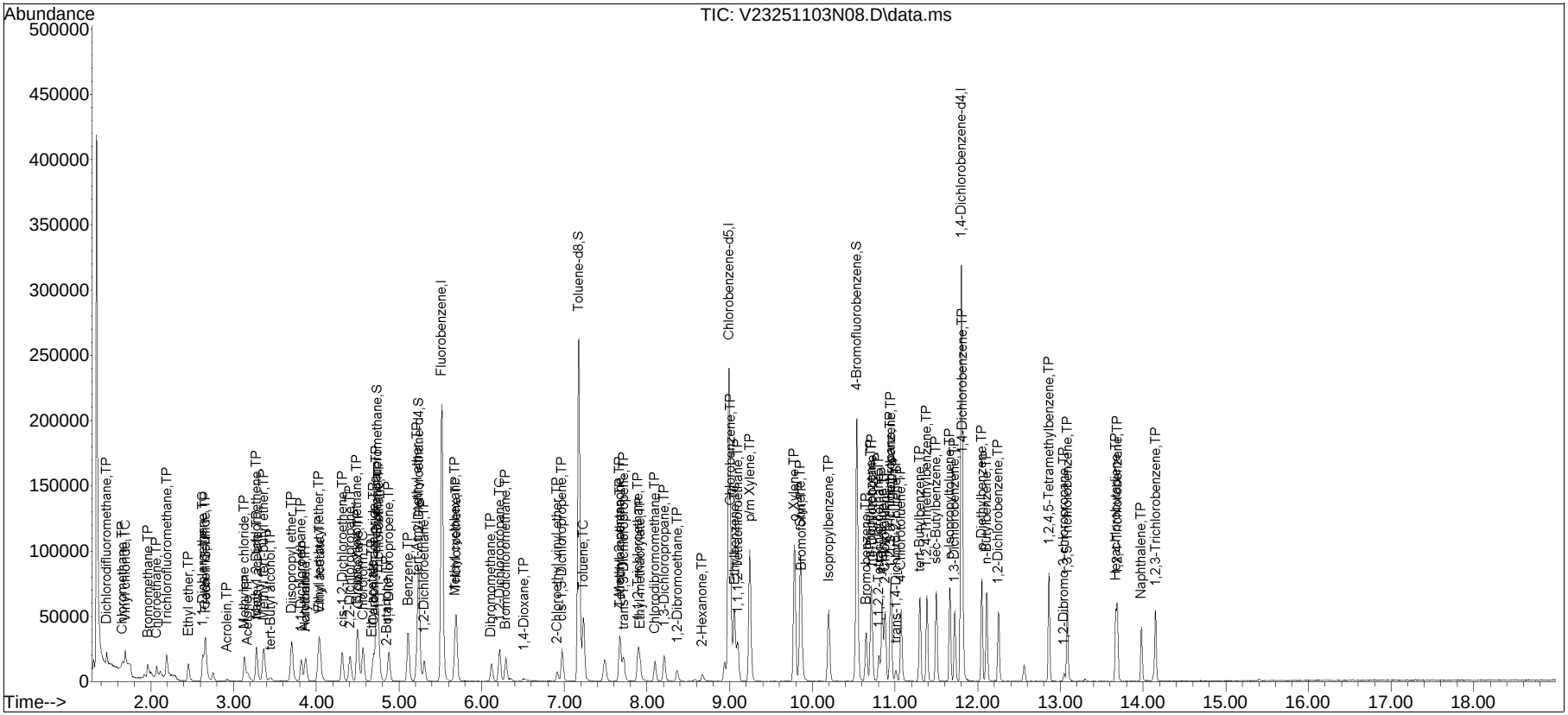
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N08.D
Acq On : 03 Nov 2025 10:01 pm
Operator : VOA123:AJK
Sample : I8260STD4PPB
Misc : WG2136903,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 04 12:26:01 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•

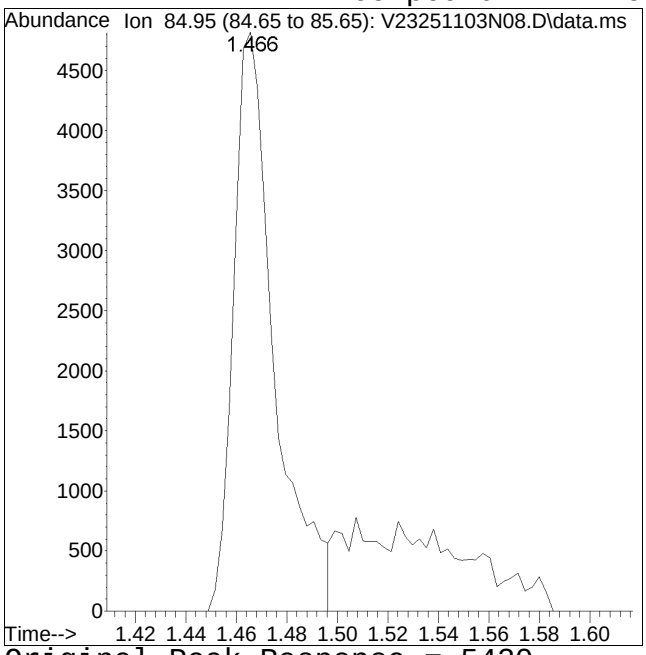


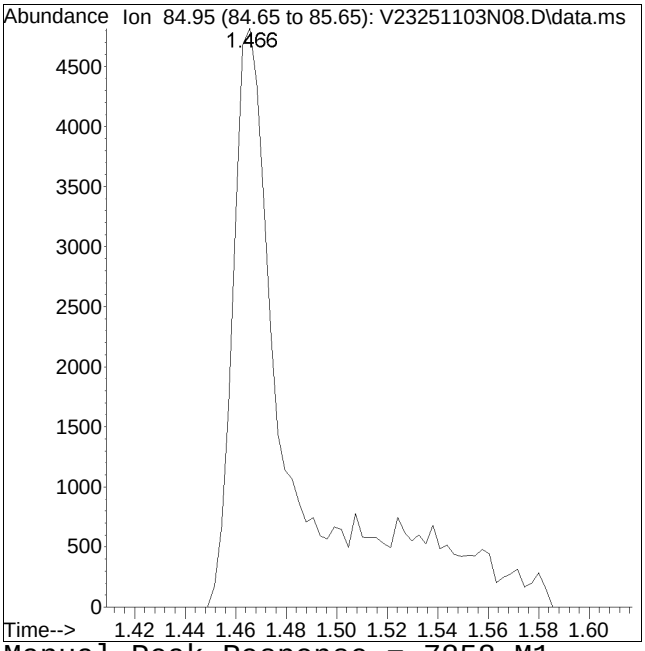
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N08.D
Date Inj'd : 11/3/2025 10:01 pm
Sample : I8260STD4PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #2: Dichlorodifluoromethane





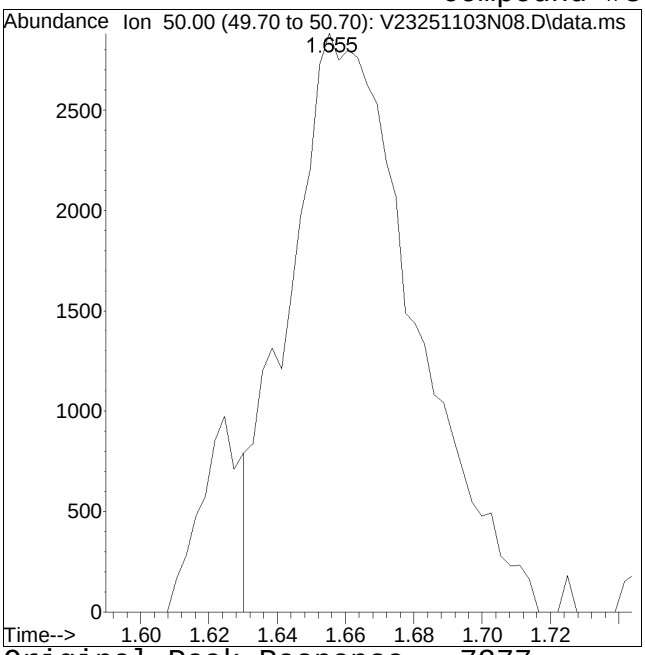
Original Peak Response = 5420 Manual Peak Response = 7858 M1

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

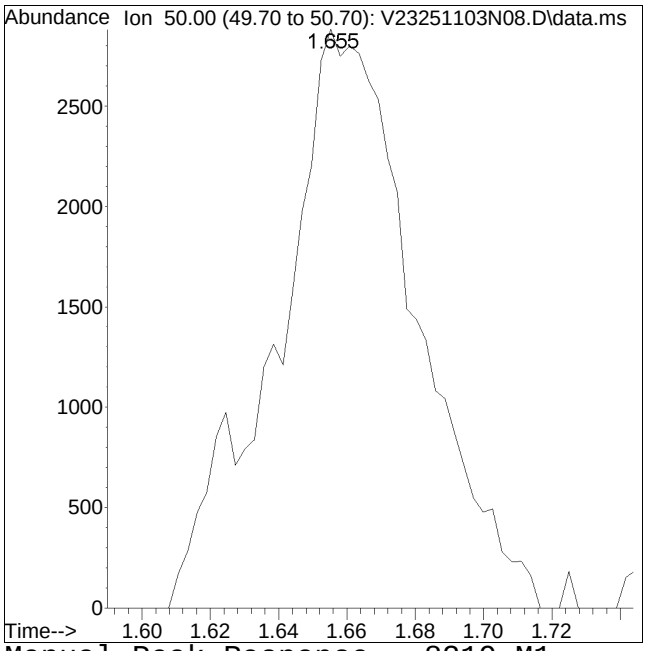
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #3: Chloromethane



Original Peak Response = 7377



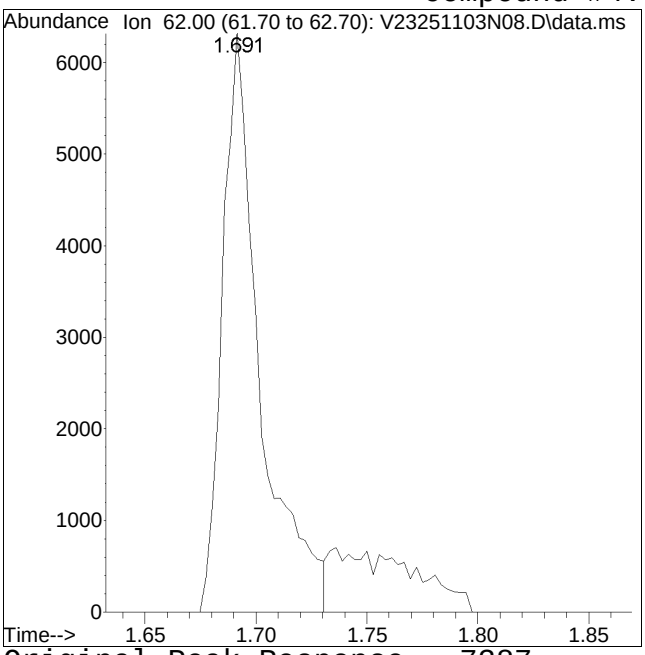
Manual Peak Response = 8219 M1

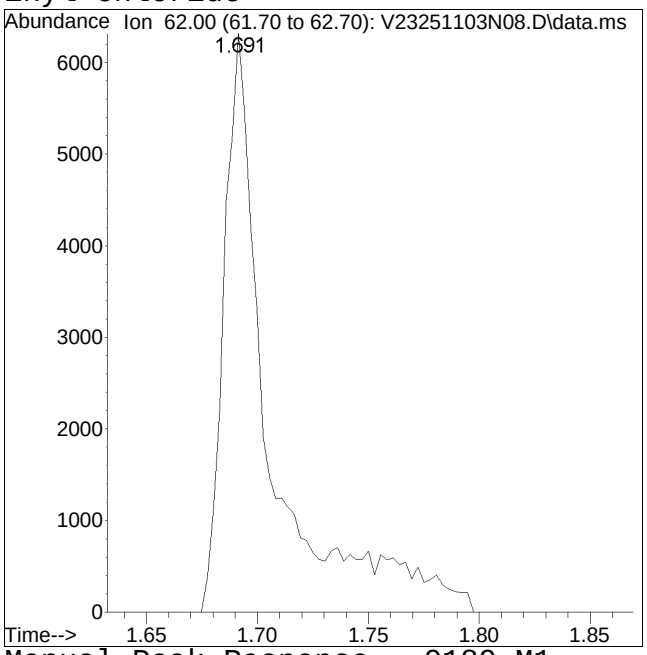
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #4: Vinyl chloride





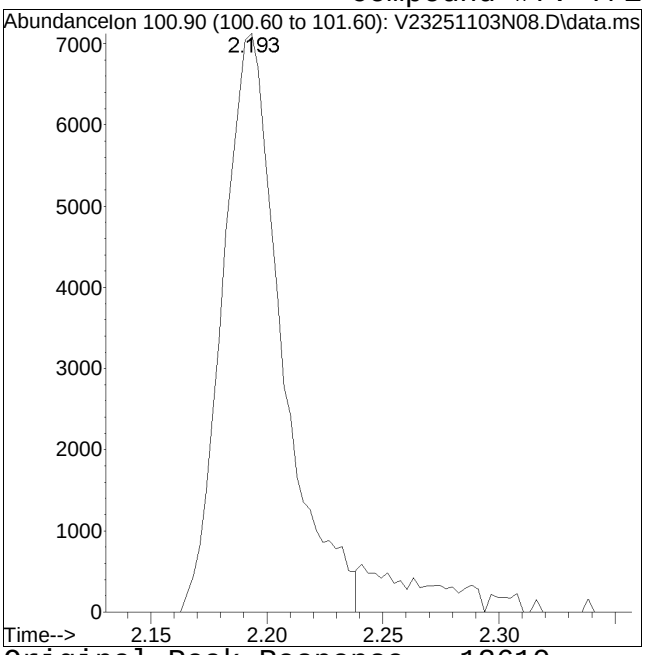
Original Peak Response = 7387 Manual Peak Response = 9189 M1

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

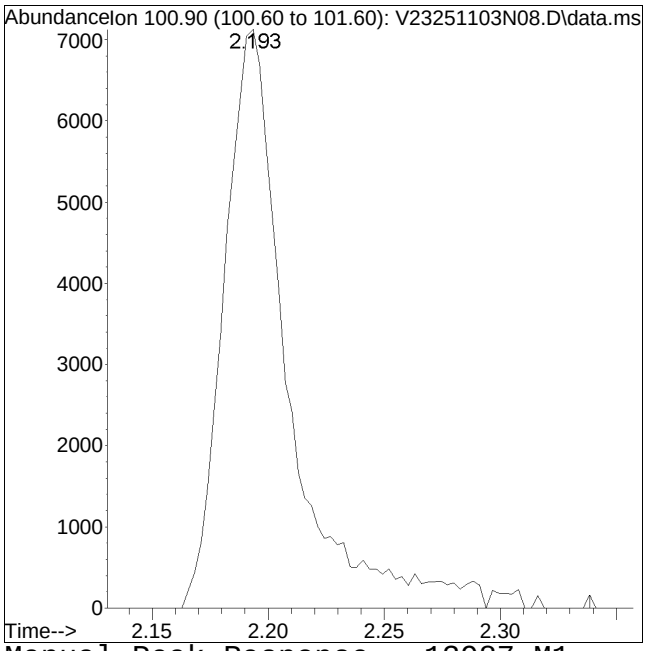
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #7: Trichlorofluoromethane



Original Peak Response = 12610



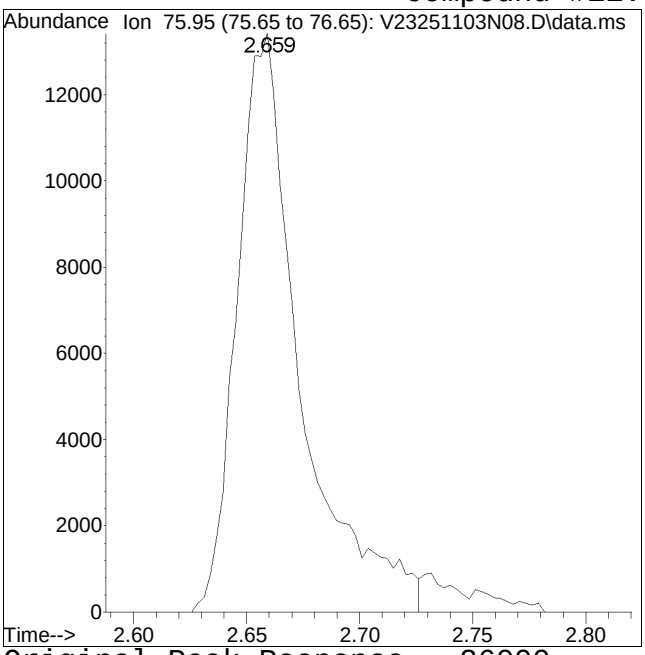
Manual Peak Response = 13987 M1

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

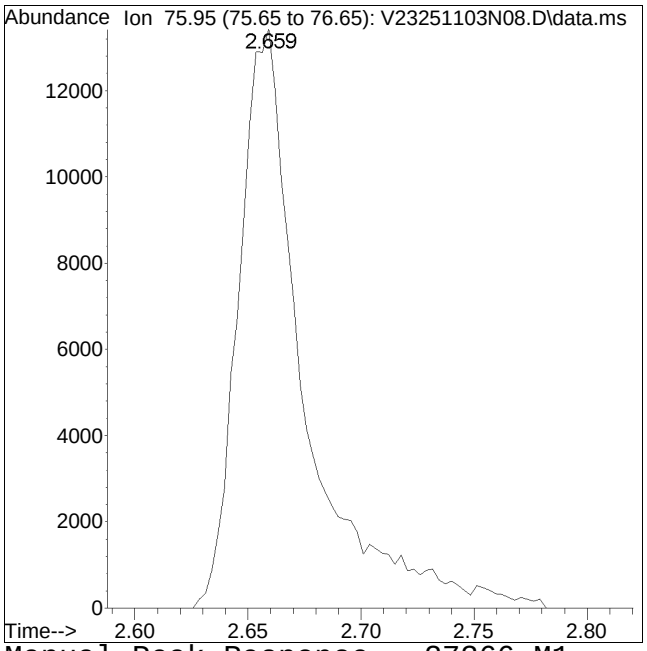
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #11: Carbon disulfide



Original Peak Response = 26000



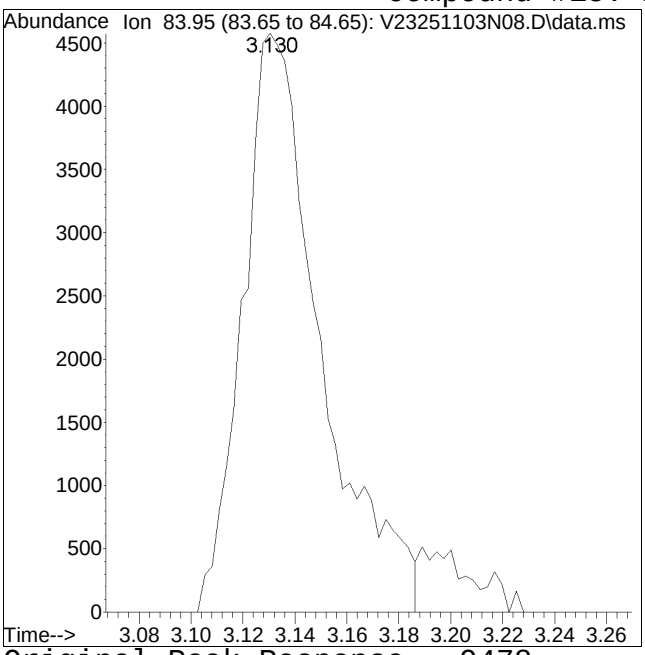
Manual Peak Response = 27366 M1

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

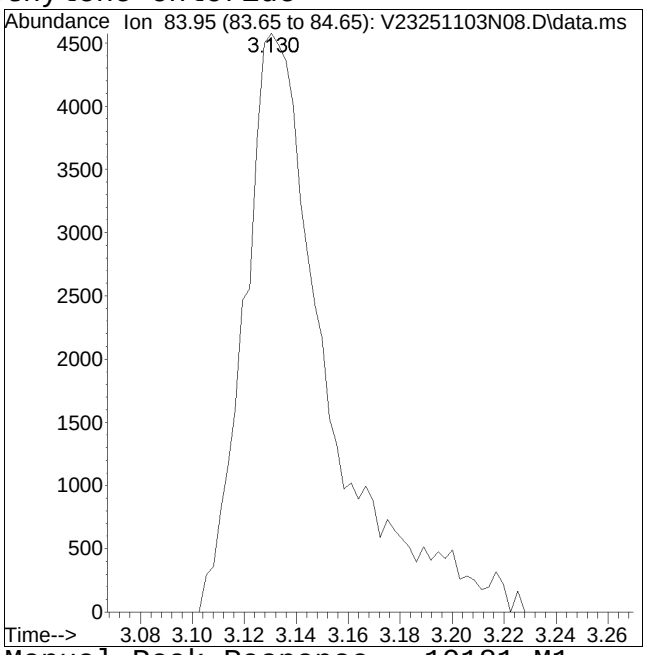
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #15: Methylene chloride



Original Peak Response = 9478



Manual Peak Response = 10181 M1

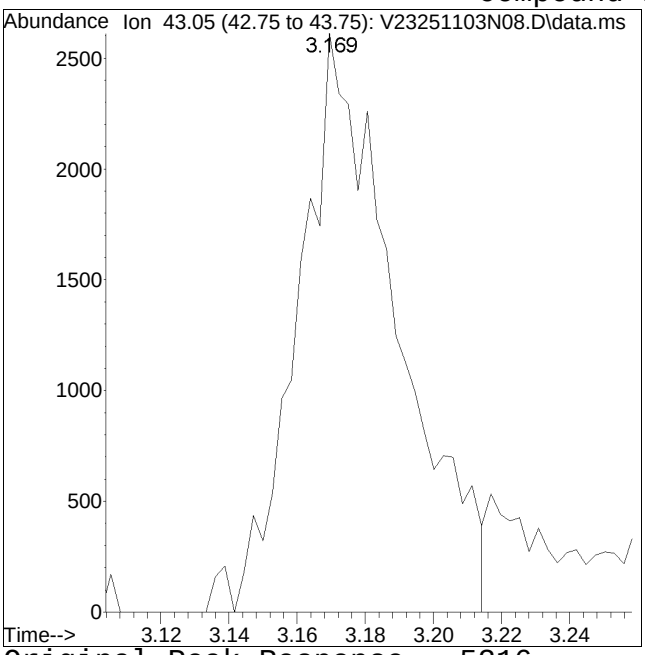
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

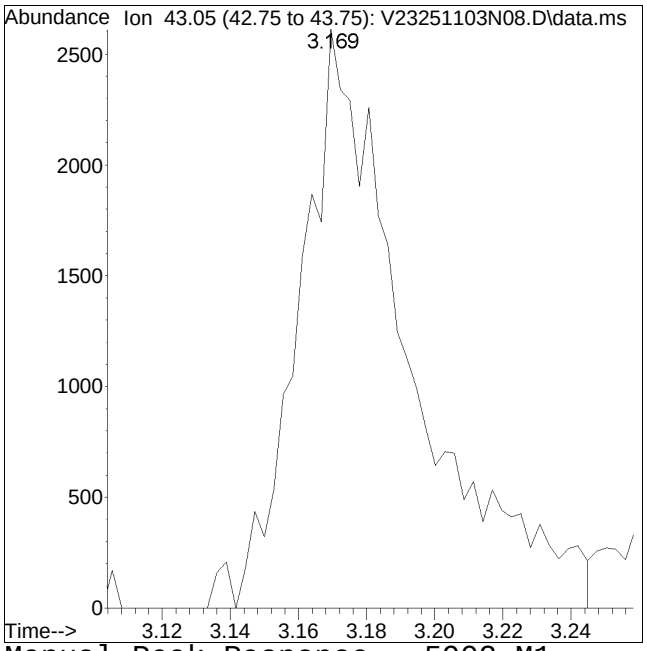
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N08.D
Date Inj'd : 11/3/2025 10:01 pm
Sample : I8260STD4PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #17: Acetone



Original Peak Response = 5216



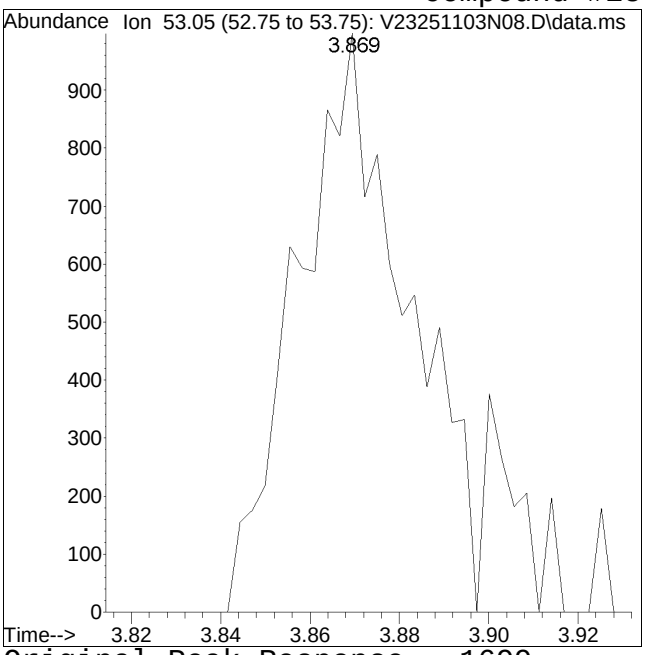
Manual Peak Response = 5902 M1

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

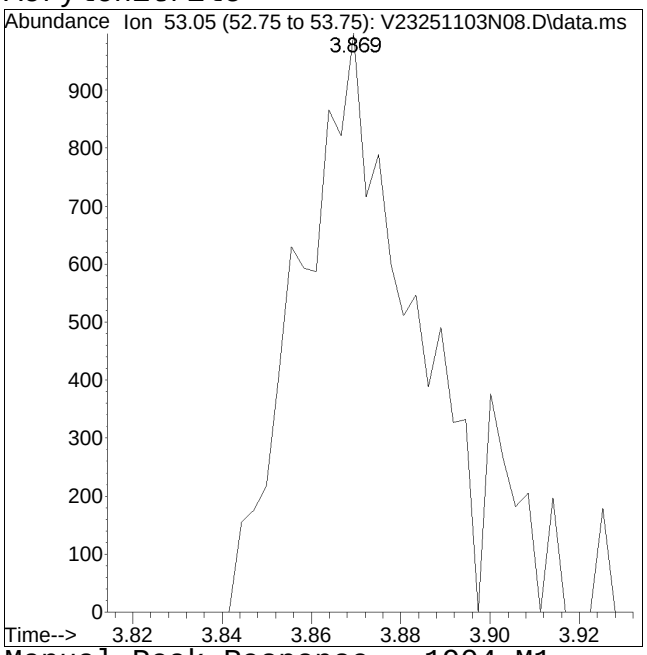
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #25: Acrylonitrile



Original Peak Response = 1699



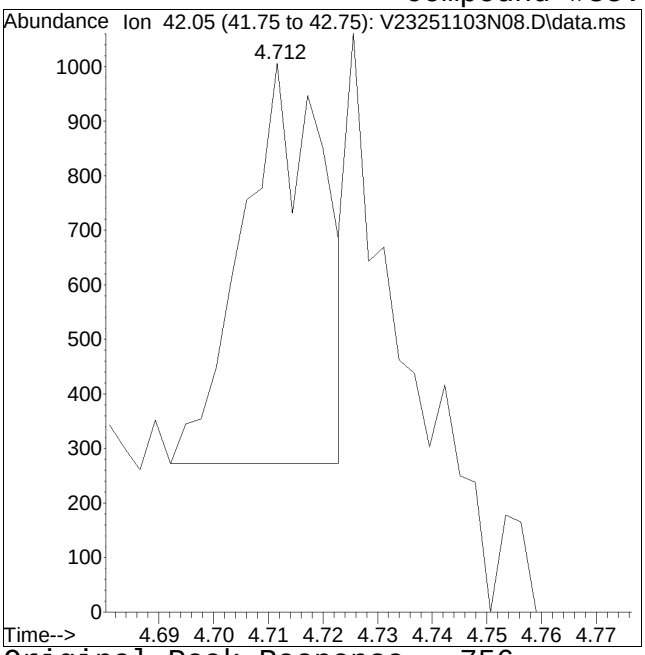
Manual Peak Response = 1904 M1

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

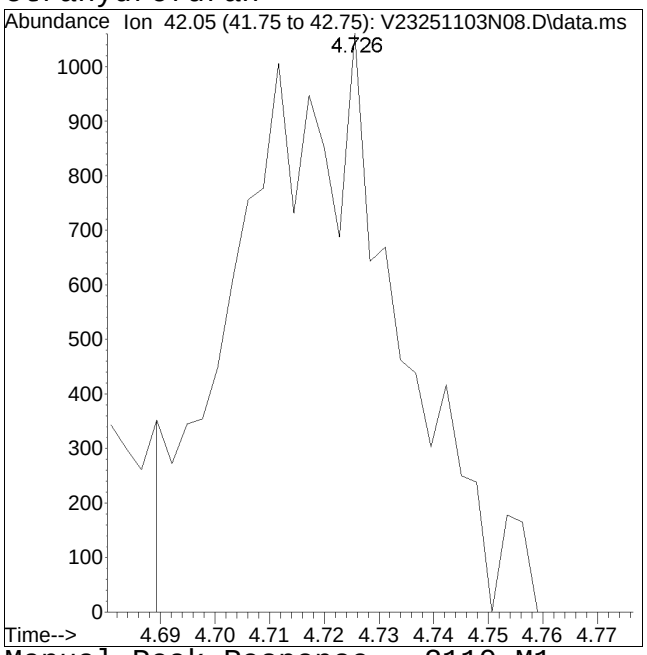
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 756



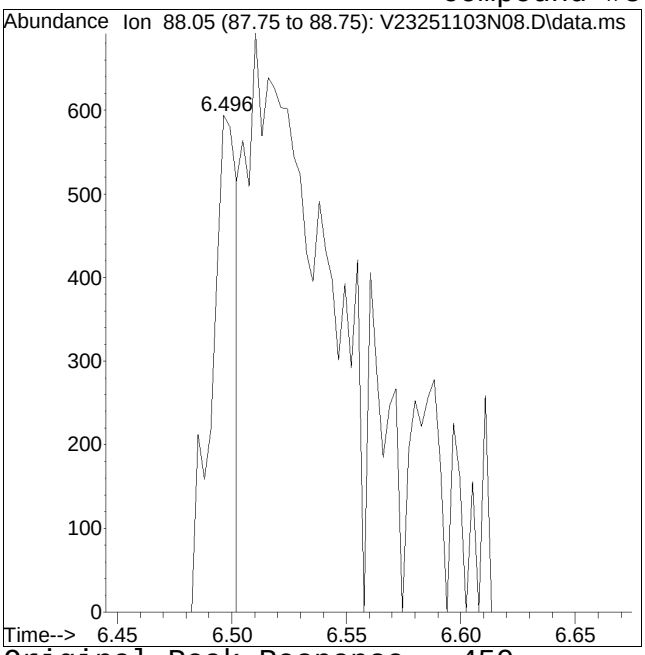
Manual Peak Response = 2110 M1

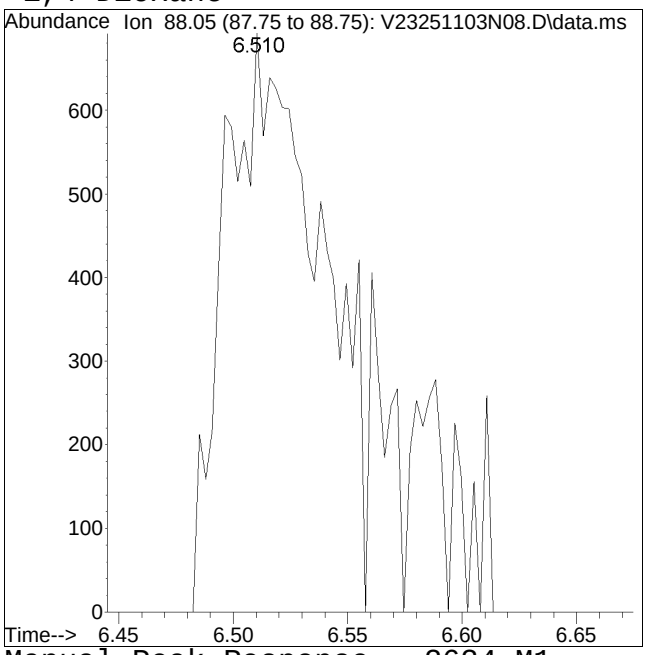
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #57: 1,4-Dioxane



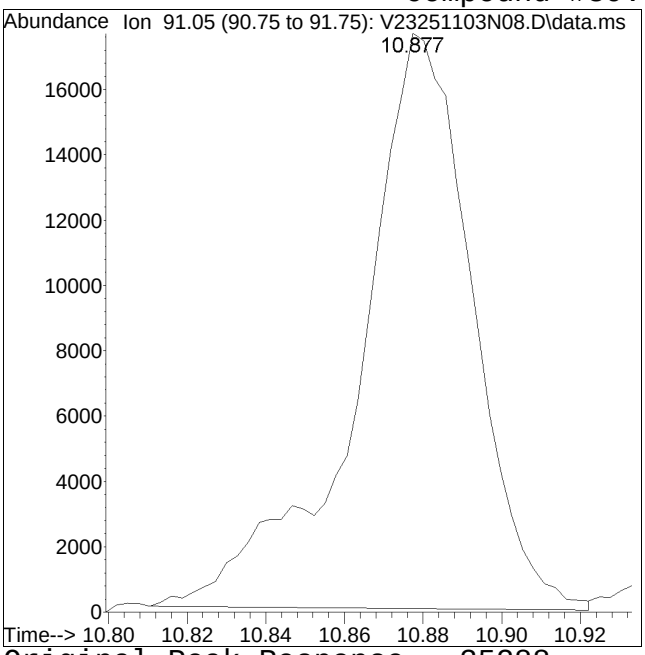


Original Peak Response = 450 Manual Peak Response = 2624 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

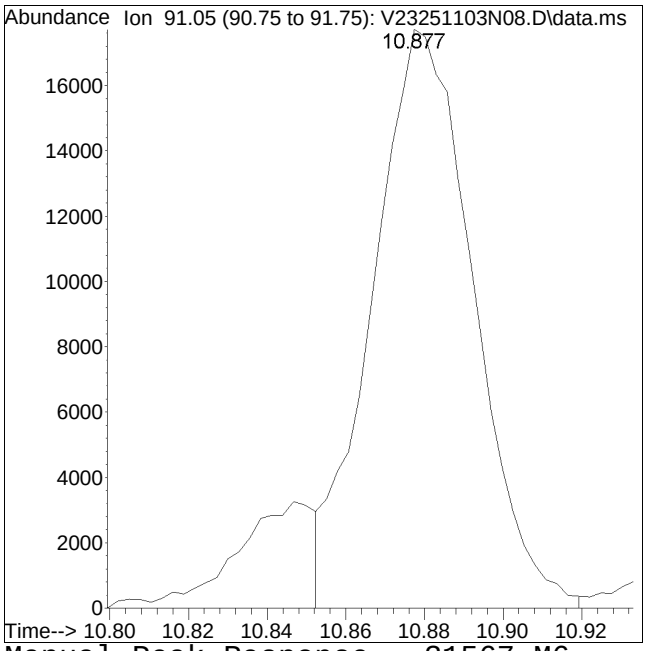
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 35288



Manual Peak Response = 31567 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N09.D
Acq On : 03 Nov 2025 10:27 pm
Operator : VOA123:AJK
Sample : I8260STD20PPB
Misc : WG2136903,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 04 12:27:42 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.518	96	202310	20.000	ug/L	0.00
Standard Area 1 = 201320			Recovery = 100.49%			
59) Chlorobenzene-d5	8.992	117	143929	20.000	ug/L	0.00
Standard Area 1 = 146207			Recovery = 98.44%			
79) 1,4-Dichlorobenzene-d4	11.801	152	78081	20.000	ug/L	0.00
Standard Area 1 = 79326			Recovery = 98.43%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.734	113	50990	19.734	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.67%			
43) 1,2-Dichloroethane-d4	5.242	65	50486	19.481	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.41%			
60) Toluene-d8	7.174	98	196679	20.269	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.35%			
83) 4-Bromofluorobenzene	10.537	95	70133	20.027	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.13%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	48127M1	21.035	ug/L	
3) Chloromethane	1.664	50	50163	20.233	ug/L	99
4) Vinyl chloride	1.689	62	57335M1	20.840	ug/L	
5) Bromomethane	1.965	94	31929	19.206	ug/L	99
6) Chloroethane	2.071	64	36044M1	19.598	ug/L	
7) Trichlorofluoromethane	2.191	101	84074M1	20.653	ug/L	
8) Ethyl ether	2.453	74	27849	20.177	ug/L	93
10) 1,1-Dichloroethene	2.629	96	43874	20.376	ug/L	91
11) Carbon disulfide	2.656	76	154618	20.790	ug/L	97
12) Freon-113	2.662	101	42787	19.499	ug/L	99
14) Acrolein	2.921	56	5169	19.510	ug/L	99
15) Methylene chloride	3.133	84	55776M1	20.392	ug/L	
17) Acetone	3.170	43	14331	21.574	ug/L	90
18) trans-1,2-Dichloroethene	3.278	96	52422	20.352	ug/L	96
19) Methyl acetate	3.284	43	20670	18.892	ug/L #	90
20) Methyl tert-butyl ether	3.365	73	142833	19.777	ug/L	95
21) tert-Butyl alcohol	3.446	59	19951M1	95.614	ug/L	
22) Diisopropyl ether	3.705	45	156545	20.062	ug/L	95
23) 1,1-Dichloroethane	3.819	63	96506	20.508	ug/L	100
24) Halothane	3.870	117	38673	20.479	ug/L	100
25) Acrylonitrile	3.861	53	11321M1	20.357	ug/L	

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N09.D
Acq On : 03 Nov 2025 10:27 pm
Operator : VOA123:AJK
Sample : I8260STD20PPB
Misc : WG2136903,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 04 12:27:42 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.034	59	157938	19.957	ug/L		93
27) Vinyl acetate	4.045	43	106035	19.392	ug/L		95
28) cis-1,2-Dichloroethene	4.313	96	59702	20.314	ug/L		97
29) 2,2-Dichloropropane	4.408	77	77975	20.277	ug/L		91
30) Bromochloromethane	4.497	128	26518	19.847	ug/L		97
31) Cyclohexane	4.503	56	73058	18.894	ug/L		97
32) Chloroform	4.567	83	102656	20.638	ug/L		95
33) Ethyl acetate	4.678	43	35365	19.601	ug/L		100
34) Carbon tetrachloride	4.695	117	72155	19.513	ug/L		98
35) Tetrahydrofuran	4.715	42	10849	19.704	ug/L		99
37) 1,1,1-Trichloroethane	4.759	97	82624	20.129	ug/L		98
39) 2-Butanone	4.846	43	14311	20.102	ug/L	#	75
40) 1,1-Dichloropropene	4.879	75	64259	20.303	ug/L		99
41) Benzene	5.111	78	200606	20.063	ug/L		97
42) tert-Amyl methyl ether	5.219	73	140505	19.826	ug/L		96
44) 1,2-Dichloroethane	5.309	62	71270	20.106	ug/L		99
47) Methyl cyclohexane	5.679	83	77364	18.277	ug/L		94
48) Trichloroethene	5.693	95	55292	20.092	ug/L		99
50) Dibromomethane	6.117	93	31991	19.893	ug/L		100
51) 1,2-Dichloropropane	6.215	63	54187	20.171	ug/L	#	87
53) 2-Chloroethyl vinyl ether	6.909	63	23285	19.349	ug/L		93
54) Bromodichloromethane	6.290	83	77637	19.903	ug/L		100
57) 1,4-Dioxane	6.510	88	16005M1	972.414	ug/L		
58) cis-1,3-Dichloropropene	6.971	75	85565	19.376	ug/L	#	89
61) Toluene	7.230	92	127556	20.207	ug/L		99
62) 4-Methyl-2-pentanone	7.662	58	13934	19.509	ug/L		86
63) Tetrachloroethene	7.673	166	54380	19.225	ug/L		97
65) trans-1,3-Dichloropropene	7.710	75	73266	19.527	ug/L		98
67) Ethyl methacrylate	7.910	69	55825	19.780	ug/L		92
68) 1,1,2-Trichloroethane	7.891	83	36673	20.176	ug/L		100
69) Chlorodibromomethane	8.097	129	54440	19.627	ug/L		97
70) 1,3-Dichloropropane	8.206	76	72873	20.110	ug/L		100
71) 1,2-Dibromoethane	8.359	107	42986	19.846	ug/L		99
72) 2-Hexanone	8.666	43	22314	19.408	ug/L		93
73) Chlorobenzene	9.012	112	148344	20.103	ug/L	#	88
74) Ethylbenzene	9.057	91	243513	19.751	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.096	131	54924	19.657	ug/L		100
76) p/m Xylene	9.241	106	187591	39.022	ug/L		98
77) o Xylene	9.784	106	188551	39.195	ug/L		99
78) Styrene	9.854	104	320932	39.033	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N09.D
Acq On : 03 Nov 2025 10:27 pm
Operator : VOA123:AJK
Sample : I8260STD20PPB
Misc : WG2136903,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 04 12:27:42 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.868	173	33257	18.778	ug/L		99
82) Isopropylbenzene	10.194	105	233455	19.028	ug/L		100
84) Bromobenzene	10.649	156	65098	19.783	ug/L		100
85) n-Propylbenzene	10.707	91	279092	19.102	ug/L		100
86) 1,4-Dichlorobutane	10.719	55	71340	19.612	ug/L		94
87) 1,1,2,2-Tetrachloroethane	10.799	83	54192	20.060	ug/L		100
88) 4-Ethyltoluene	10.844	105	233435	19.041	ug/L		99
89) 2-Chlorotoluene	10.878	91	177123M6	19.706	ug/L		
90) 1,3,5-Trimethylbenzene	10.950	105	204019	18.944	ug/L		98
91) 1,2,3-Trichloropropane	10.939	75	40916	19.708	ug/L		99
92) trans-1,4-Dichloro-2-b...	11.003	53	14366	19.464	ug/L	#	81
93) 4-Chlorotoluene	11.070	91	180664	19.502	ug/L		100
94) tert-Butylbenzene	11.301	119	169730	18.694	ug/L		98
97) 1,2,4-Trimethylbenzene	11.385	105	205114	19.119	ug/L		99
98) sec-Butylbenzene	11.499	105	249980	18.404	ug/L		99
99) p-Isopropyltoluene	11.664	119	219291	18.564	ug/L		98
100) 1,3-Dichlorobenzene	11.720	146	120626	19.191	ug/L		99
101) 1,4-Dichlorobenzene	11.817	146	121600	19.110	ug/L		99
102) p-Diethylbenzene	12.049	119	130648	18.595	ug/L		100
103) n-Butylbenzene	12.107	91	197421	18.559	ug/L		99
104) 1,2-Dichlorobenzene	12.250	146	113937	19.238	ug/L		100
105) 1,2,4,5-Tetramethylben...	12.860	119	214355	18.681	ug/L		98
106) 1,2-Dibromo-3-chloropr...	13.047	155	7737	18.889	ug/L		97
107) 1,3,5-Trichlorobenzene	13.081	180	92708	19.133	ug/L		100
108) Hexachlorobutadiene	13.669	225	43368	18.004	ug/L		99
109) 1,2,4-Trichlorobenzene	13.686	180	80414	18.600	ug/L		99
110) Naphthalene	13.979	128	157334	19.338	ug/L		100
111) 1,2,3-Trichlorobenzene	14.149	180	70450	18.837	ug/L		98

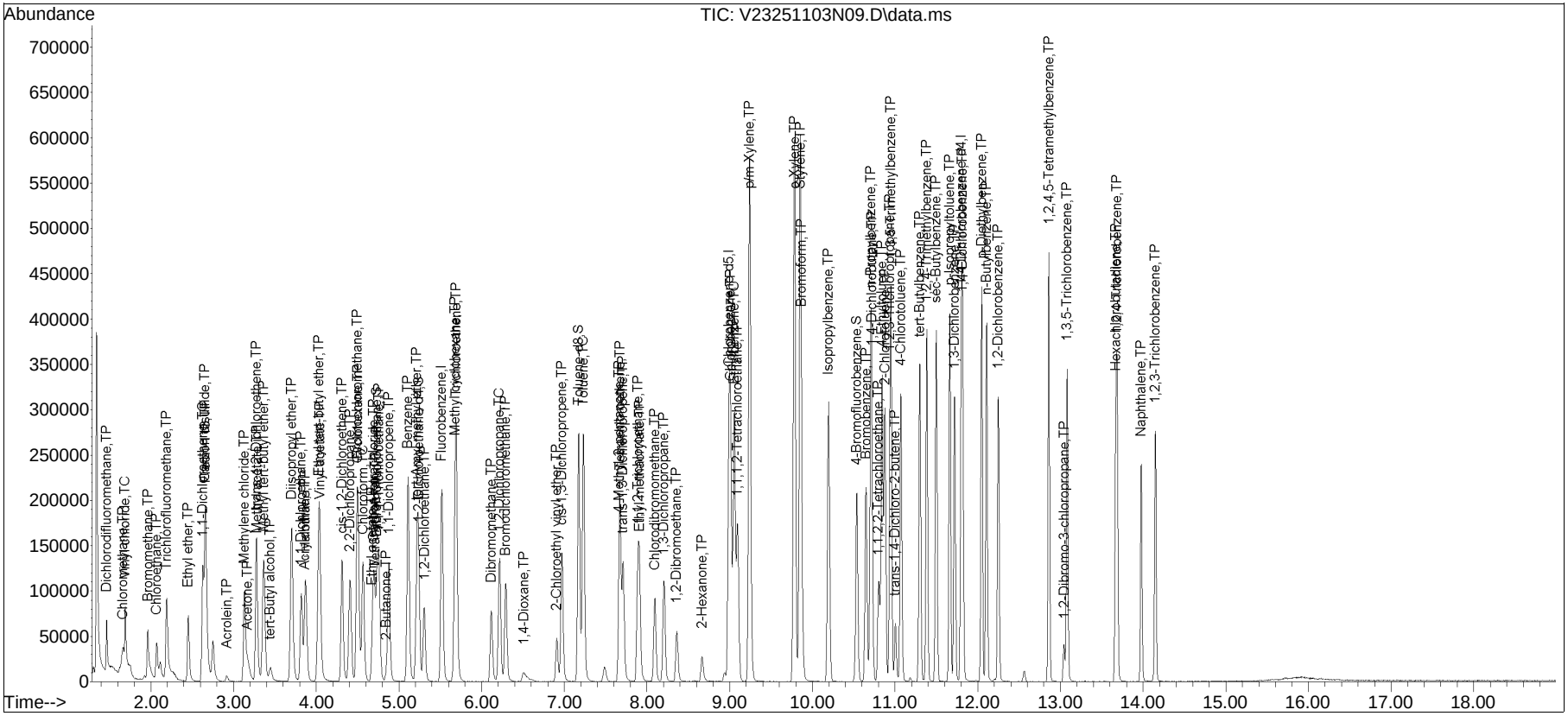
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N09.D
Acq On : 03 Nov 2025 10:27 pm
Operator : VOA123:AJK
Sample : I8260STD20PPB
Misc : WG2136903,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 04 12:27:42 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

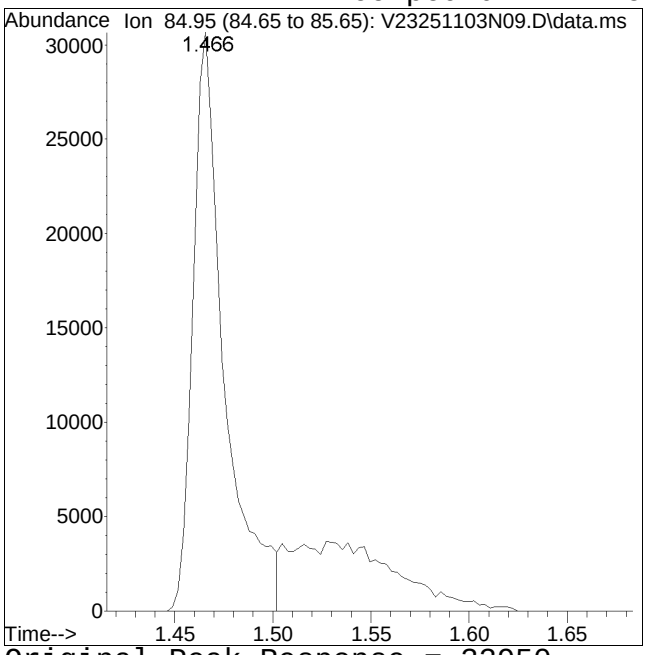
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•

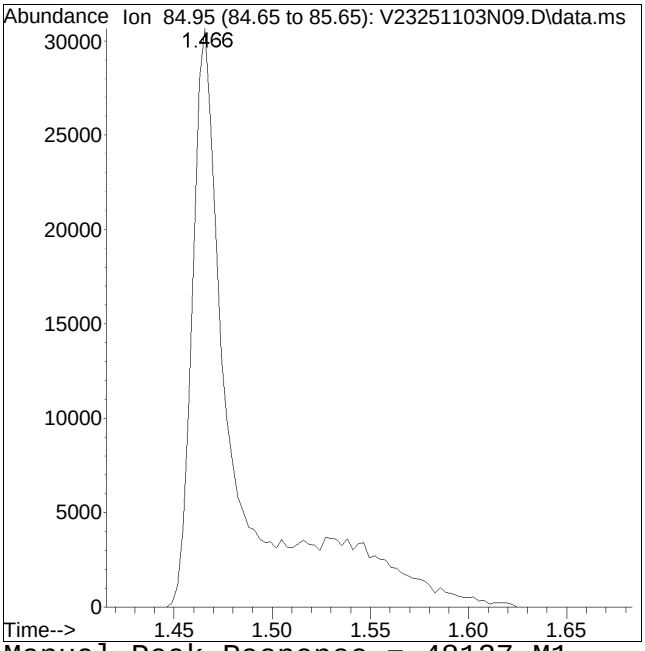


Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #2: Dichlorodifluoromethane



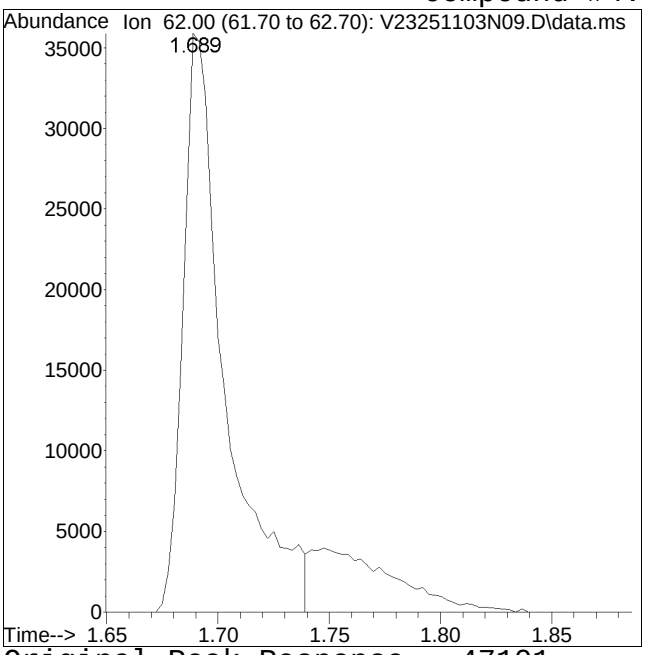


Original Peak Response = 33950 Manual Peak Response = 48127 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

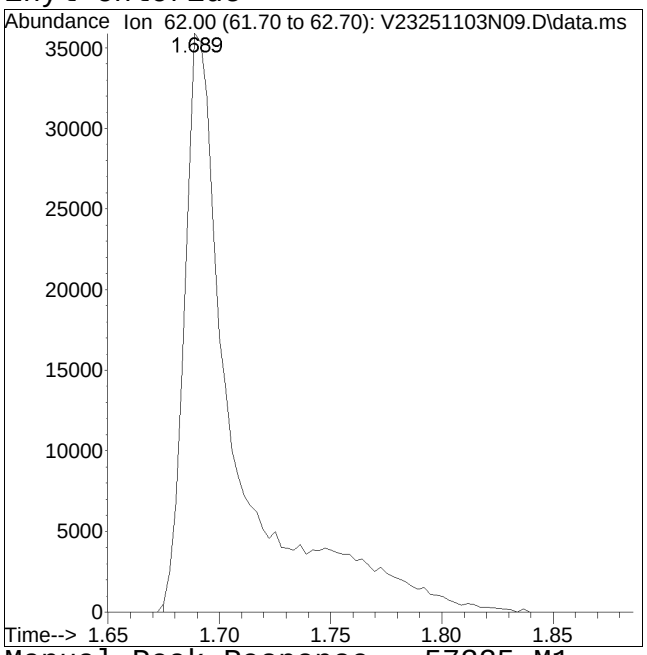
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #4: Vinyl chloride



Original Peak Response = 47101



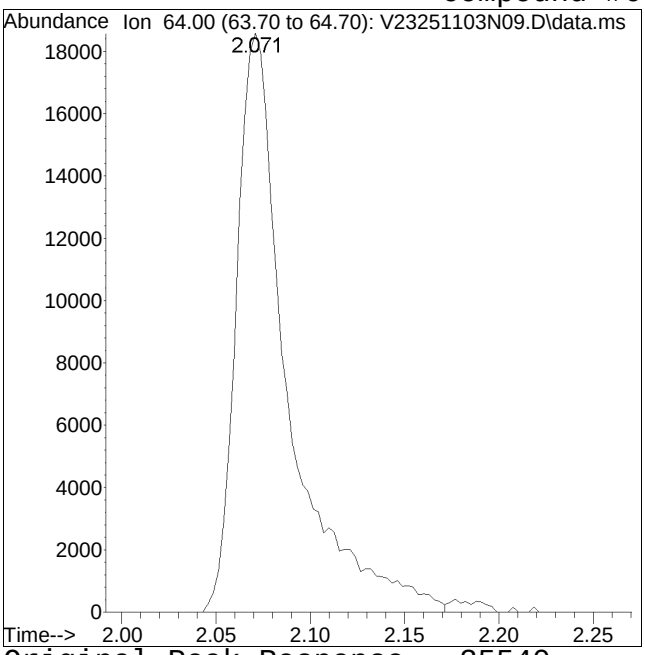
Manual Peak Response = 57335 M1

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

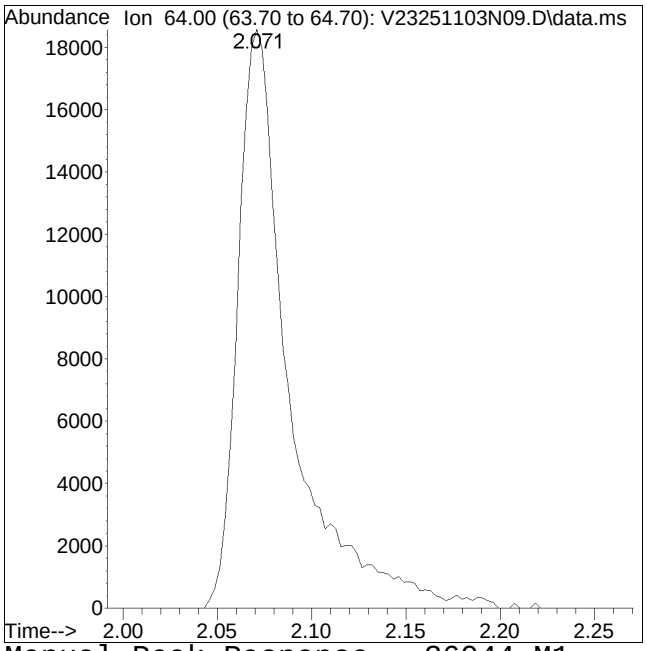
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #6: Chloroethane



Original Peak Response = 35540



Manual Peak Response = 36044 M1

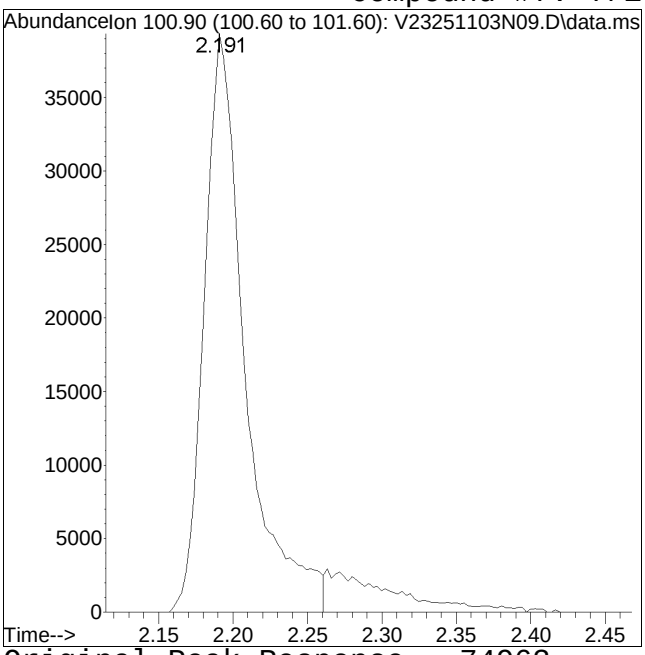
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

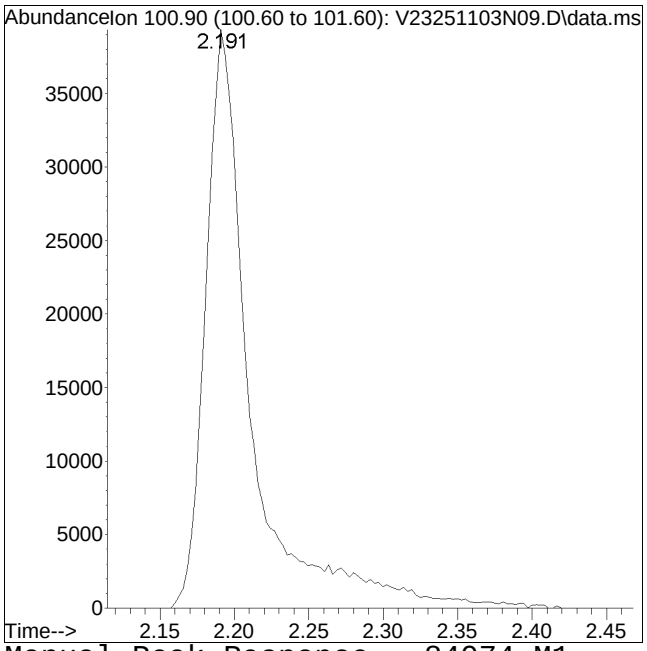
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N09.D
Date Inj'd : 11/3/2025 10:27 pm
Sample : I8260STD20PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #7: Trichlorofluoromethane



Original Peak Response = 74963



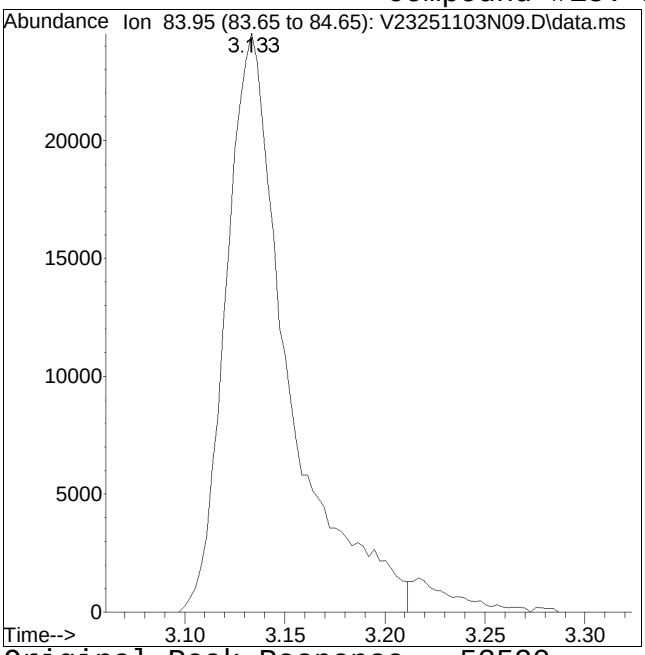
Manual Peak Response = 84074 M1

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

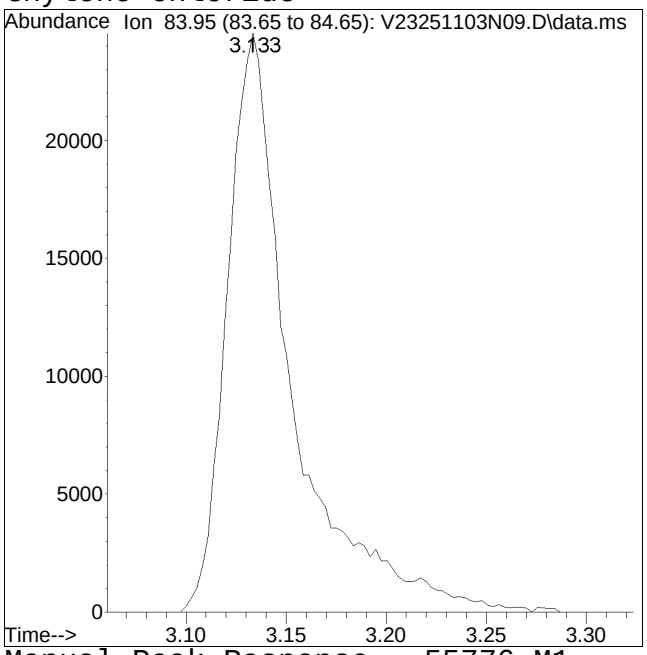
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #15: Methylene chloride



Original Peak Response = 53520



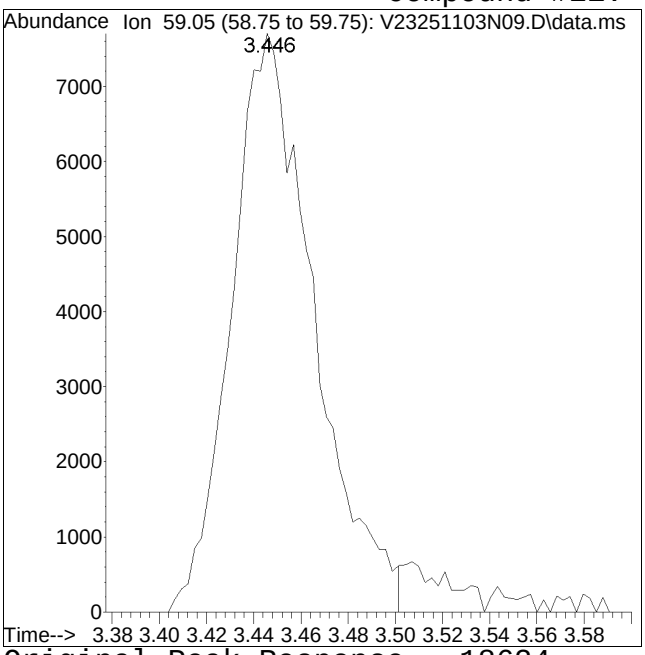
Manual Peak Response = 55776 M1

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

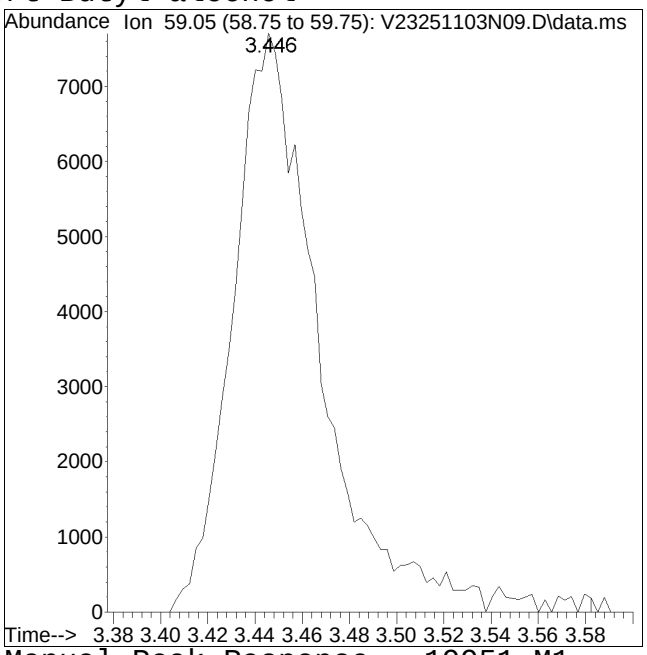
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #21: tert-Butyl alcohol



Original Peak Response = 18624



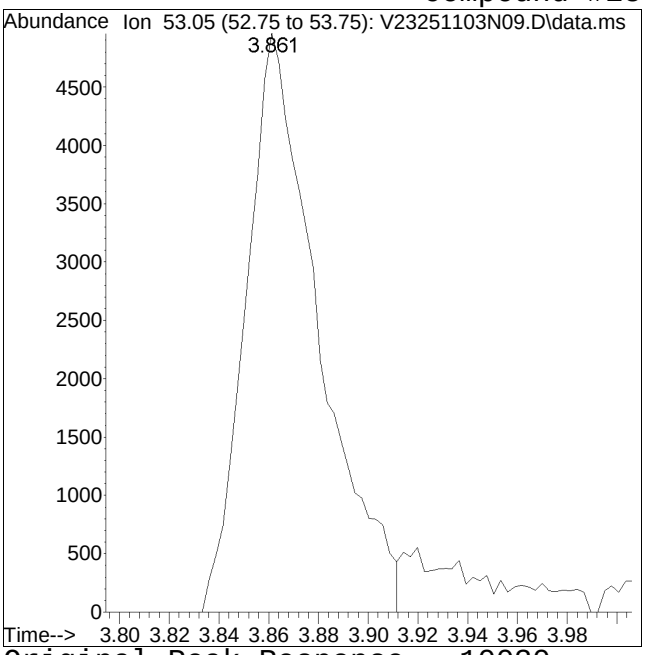
Manual Peak Response = 19951 M1

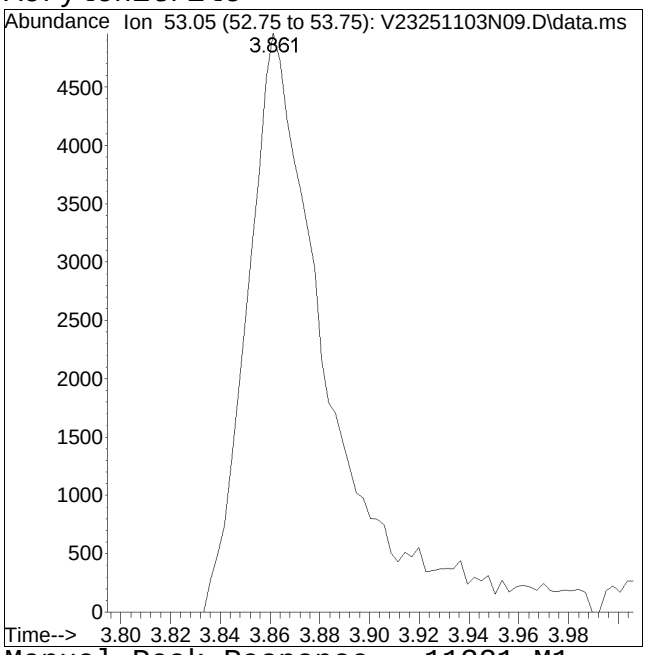
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #25: Acrylonitrile





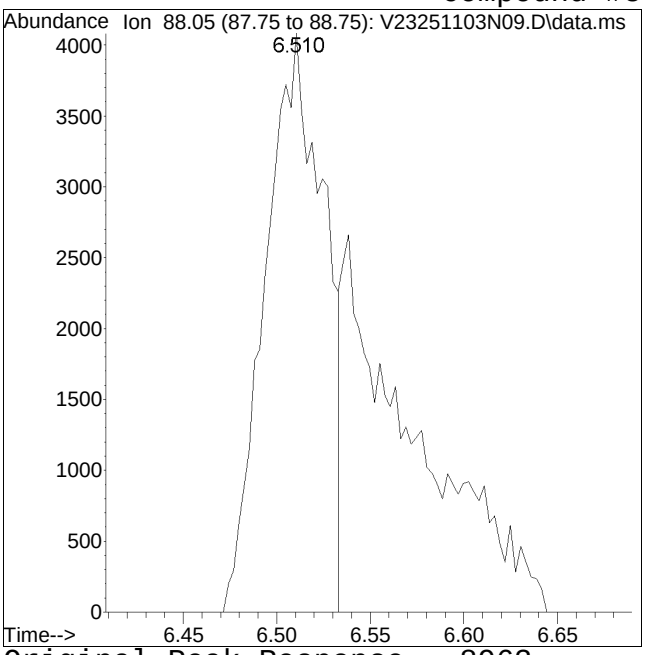
Original Peak Response = 10030 Manual Peak Response = 11321 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

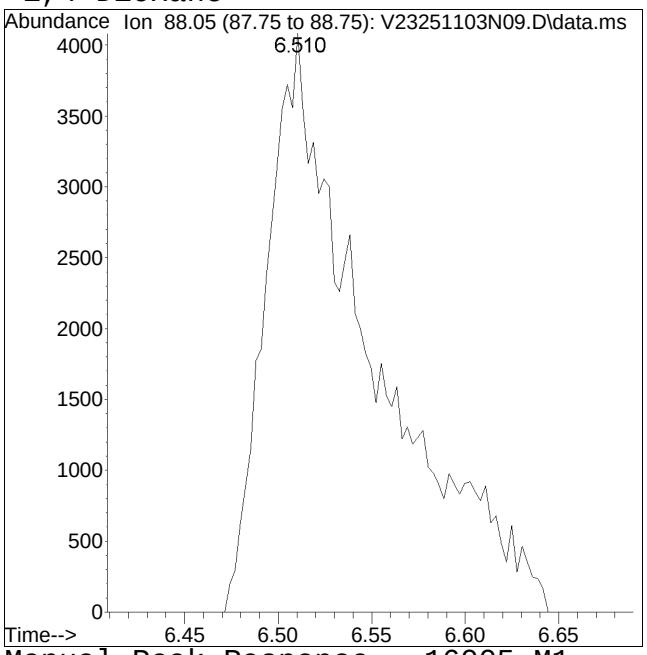
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N09.D
Date Inj'd : 11/3/2025 10:27 pm
Sample : I8260STD20PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 8963



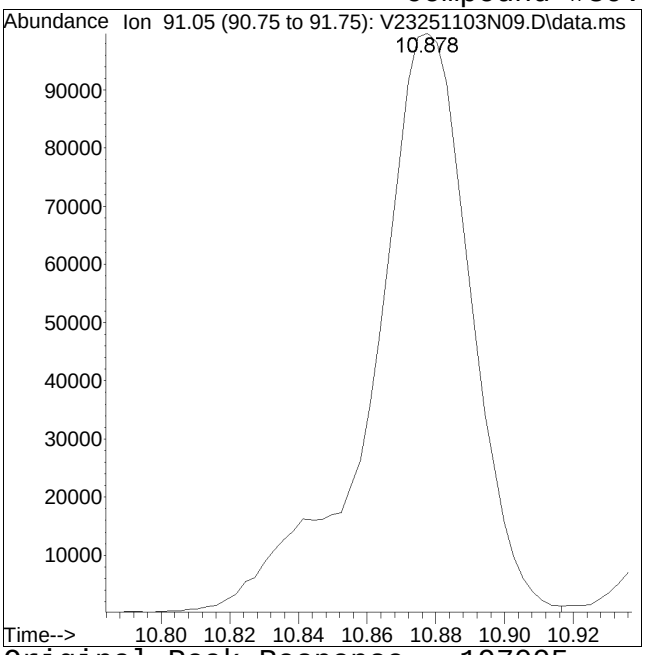
Manual Peak Response = 16005 M1

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

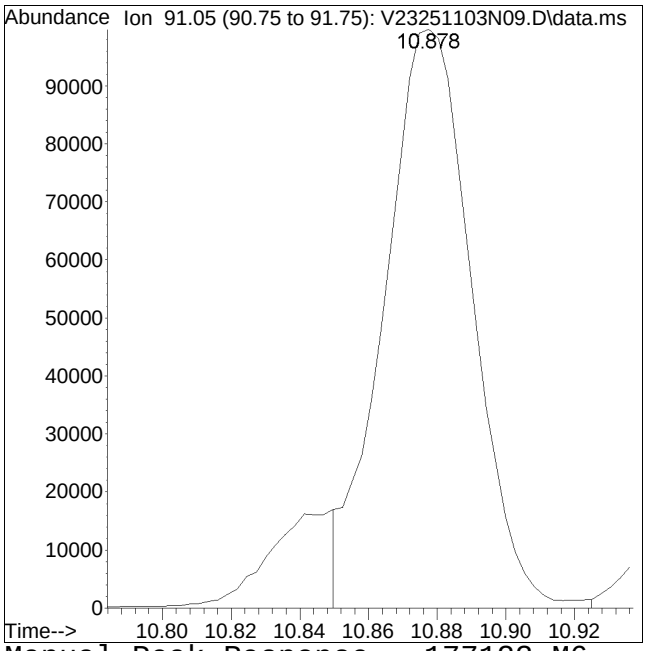
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 197005



Manual Peak Response = 177123 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N10.D
Acq On : 03 Nov 2025 10:53 pm
Operator : VOA123:AJK
Sample : I8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 04 12:09:05 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Apr 21 07:32:25 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.520	96	201320	20.000 ug/L	0.00
Standard Area 1 = 201320			Recovery = 100.00%		
59) Chlorobenzene-d5	8.990	117	146207	20.000 ug/L	0.00
Standard Area 1 = 146207			Recovery = 100.00%		
79) 1,4-Dichlorobenzene-d4	11.801	152	79326	20.000 ug/L	0.00
Standard Area 1 = 79326			Recovery = 100.00%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.734	113	51424	19.715 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.58%		
43) 1,2-Dichloroethane-d4	5.239	65	51578	19.250 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.25%		
60) Toluene-d8	7.177	98	197141	19.633 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.16%		
83) 4-Bromofluorobenzene	10.534	95	71155	18.882 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.41%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.466	85	91068M1	27.258 ug/L	
3) Chloromethane	1.661	50	98685	33.192 ug/L	99
4) Vinyl chloride	1.692	62	109511	32.859 ug/L	89
5) Bromomethane	1.962	94	66174	29.509 ug/L	99
6) Chloroethane	2.071	64	73206M1	36.357 ug/L	
7) Trichlorofluoromethane	2.191	101	162035	39.001 ug/L	99
8) Ethyl ether	2.456	74	54940	37.305 ug/L	91
10) 1,1-Dichloroethene	2.629	96	85709	36.460 ug/L	94
11) Carbon disulfide	2.654	76	296033	32.285 ug/L	98
12) Freon-113	2.665	101	87345	34.950 ug/L	98
14) Acrolein	2.916	56	10546	34.487 ug/L	94
15) Methylene chloride	3.133	84	108873	33.821 ug/L	93
17) Acetone	3.172	43	26441	43.759 ug/L	91
18) trans-1,2-Dichloroethene	3.276	96	102528	37.965 ug/L	96
19) Methyl acetate	3.281	43	43550	37.003 ug/L #	91
20) Methyl tert-butyl ether	3.365	73	287477	37.550 ug/L	95
21) tert-Butyl alcohol	3.451	59	41528M1	177.933 ug/L	
22) Diisopropyl ether	3.705	45	310599	36.161 ug/L	95
23) 1,1-Dichloroethane	3.822	63	187309	36.963 ug/L	99
24) Halothane	3.869	117	75166	39.130 ug/L	100
25) Acrylonitrile	3.861	53	22136	37.789 ug/L #	88

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N10.D
Acq On : 03 Nov 2025 10:53 pm
Operator : VOA123:AJK
Sample : I8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 04 12:09:05 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Apr 21 07:32:25 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.031	59	315015	36.515	ug/L		94
27) Vinyl acetate	4.042	43	217645	53.841	ug/L		95
28) cis-1,2-Dichloroethene	4.313	96	116981	39.516	ug/L		96
29) 2,2-Dichloropropane	4.408	77	153067	35.522	ug/L		91
30) Bromochloromethane	4.494	128	53182	41.023	ug/L		97
31) Cyclohexane	4.503	56	153910	34.779	ug/L		96
32) Chloroform	4.567	83	197988	38.521	ug/L		97
33) Ethyl acetate	4.675	43	71818	39.824	ug/L		100
34) Carbon tetrachloride	4.695	117	147188	37.356	ug/L		99
35) Tetrahydrofuran	4.714	42	21916M6	36.146	ug/L		
37) 1,1,1-Trichloroethane	4.756	97	163387	37.759	ug/L		99
39) 2-Butanone	4.848	43	28337	40.240	ug/L	#	74
40) 1,1-Dichloropropene	4.876	75	125983	37.692	ug/L		100
41) Benzene	5.110	78	397991	39.164	ug/L		97
42) tert-Amyl methyl ether	5.225	73	282094	37.801	ug/L		96
44) 1,2-Dichloroethane	5.306	62	141098	37.692	ug/L		99
47) Methyl cyclohexane	5.682	83	168483	37.143	ug/L		93
48) Trichloroethene	5.693	95	109537	38.597	ug/L		99
50) Dibromomethane	6.117	93	64012	40.487	ug/L		99
51) 1,2-Dichloropropane	6.218	63	106927	39.191	ug/L		99
53) 2-Chloroethyl vinyl ether	6.909	63	47902	35.127	ug/L		95
54) Bromodichloromethane	6.293	83	155266	39.157	ug/L		99
57) 1,4-Dioxane	6.502	88	32757M1	1843.302	ug/L		
58) cis-1,3-Dichloropropene	6.973	75	175779	41.331	ug/L	#	91
61) Toluene	7.233	92	256496	37.864	ug/L		100
62) 4-Methyl-2-pentanone	7.662	58	29021	39.512	ug/L		88
63) Tetrachloroethene	7.673	166	114935	40.561	ug/L		98
65) trans-1,3-Dichloropropene	7.710	75	152454	39.665	ug/L		99
67) Ethyl methacrylate	7.910	69	114677	41.681	ug/L		93
68) 1,1,2-Trichloroethane	7.891	83	73858	38.775	ug/L		99
69) Chlorodibromomethane	8.094	129	112705	39.958	ug/L		97
70) 1,3-Dichloropropane	8.209	76	147245	38.951	ug/L		99
71) 1,2-Dibromoethane	8.362	107	88012	43.096	ug/L		99
72) 2-Hexanone	8.663	43	46717	37.918	ug/L		93
73) Chlorobenzene	9.009	112	299839	39.958	ug/L	#	88
74) Ethylbenzene	9.054	91	500984	38.799	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.095	131	113531	40.230	ug/L		99
76) p/m Xylene	9.241	106	390673	81.875	ug/L		98
77) o Xylene	9.784	106	390941	81.669	ug/L		98
78) Styrene	9.854	104	668169	86.006	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N10.D
Acq On : 03 Nov 2025 10:53 pm
Operator : VOA123:AJK
Sample : I8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 04 12:09:05 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Apr 21 07:32:25 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.868	173	71971	39.134	ug/L	99
82) Isopropylbenzene	10.197	105	498591	38.862	ug/L	100
84) Bromobenzene	10.646	156	133724	40.212	ug/L	100
85) n-Propylbenzene	10.710	91	593758	38.449	ug/L	99
86) 1,4-Dichlorobutane	10.721	55	147820	36.642	ug/L	95
87) 1,1,2,2-Tetrachloroethane	10.802	83	109781	37.911	ug/L	100
88) 4-Ethyltoluene	10.841	105	498196	39.293	ug/L	100
89) 2-Chlorotoluene	10.877	91	365268M6	37.722	ug/L	
90) 1,3,5-Trimethylbenzene	10.947	105	437641	38.836	ug/L	99
91) 1,2,3-Trichloropropane	10.942	75	84369	36.972	ug/L	99
92) trans-1,4-Dichloro-2-b...	11.006	53	29994	36.931	ug/L	83
93) 4-Chlorotoluene	11.070	91	376472	38.564	ug/L	99
94) tert-Butylbenzene	11.299	119	368976	39.251	ug/L	98
97) 1,2,4-Trimethylbenzene	11.385	105	435971	39.460	ug/L	100
98) sec-Butylbenzene	11.499	105	551965	38.974	ug/L	100
99) p-Isopropyltoluene	11.661	119	480031	39.879	ug/L	98
100) 1,3-Dichlorobenzene	11.722	146	255434	41.390	ug/L	100
101) 1,4-Dichlorobenzene	11.817	146	258591	40.350	ug/L	100
102) p-Diethylbenzene	12.049	119	285518	40.298	ug/L	100
103) n-Butylbenzene	12.107	91	432273	40.121	ug/L	98
104) 1,2-Dichlorobenzene	12.249	146	240679	40.658	ug/L	100
105) 1,2,4,5-Tetramethylben...	12.860	119	466309	40.089	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.044	155	16645	39.399	ug/L	97
107) 1,3,5-Trichlorobenzene	13.081	180	196909	41.476	ug/L	99
108) Hexachlorobutadiene	13.669	225	97889	40.899	ug/L	98
109) 1,2,4-Trichlorobenzene	13.686	180	175687	43.938	ug/L	100
110) Naphthalene	13.976	128	330621	36.938	ug/L	100
111) 1,2,3-Trichlorobenzene	14.149	180	151985	43.863	ug/L	99

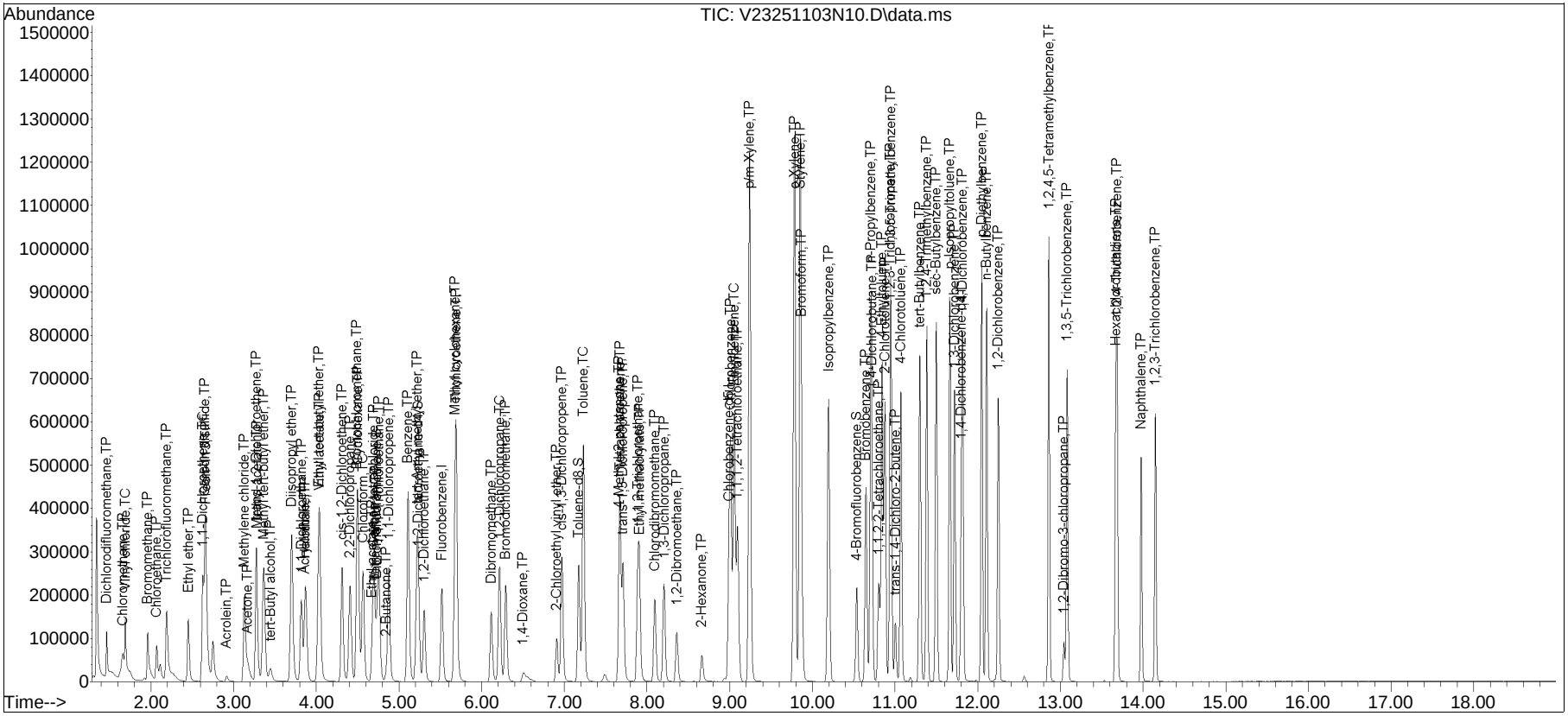
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N10.D
Acq On : 03 Nov 2025 10:53 pm
Operator : VOA123:AJK
Sample : I8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 04 12:09:05 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Apr 21 07:32:25 2025
Response via : Initial Calibration

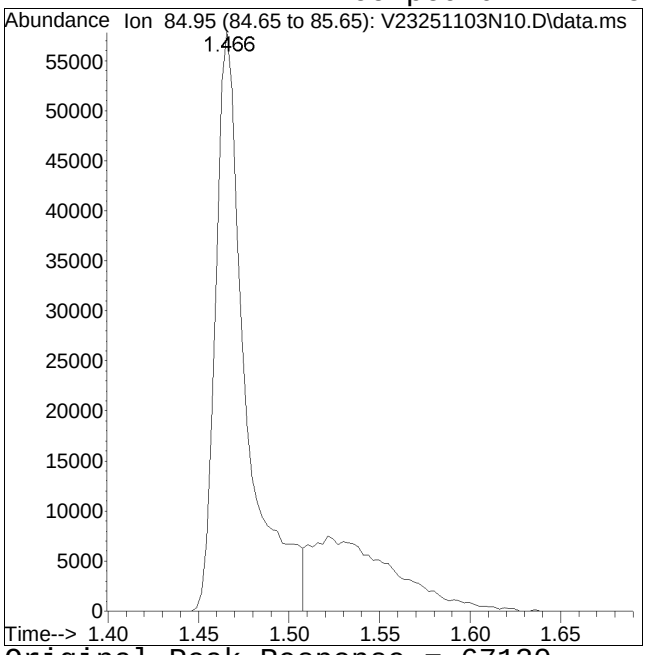
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•



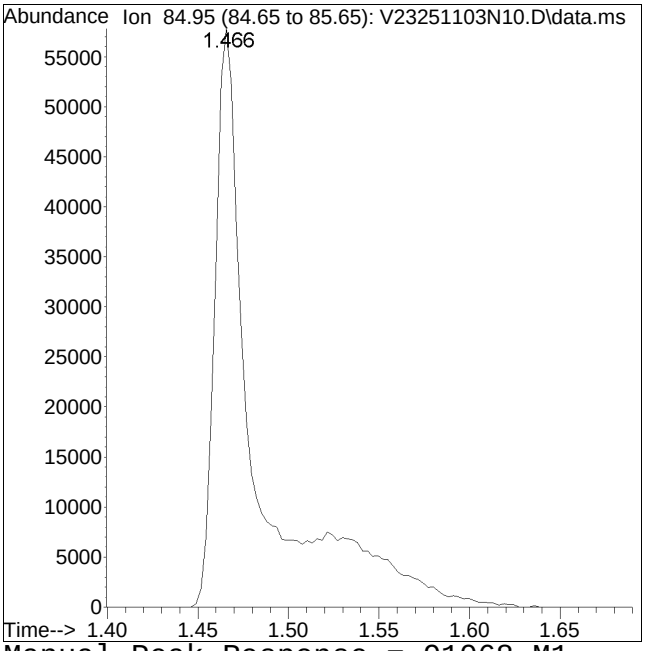
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N10.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:53 pm Instrument : VOA123
Sample : I8260STD40PPB Quant Date : 11/4/2025 11:58 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 67130



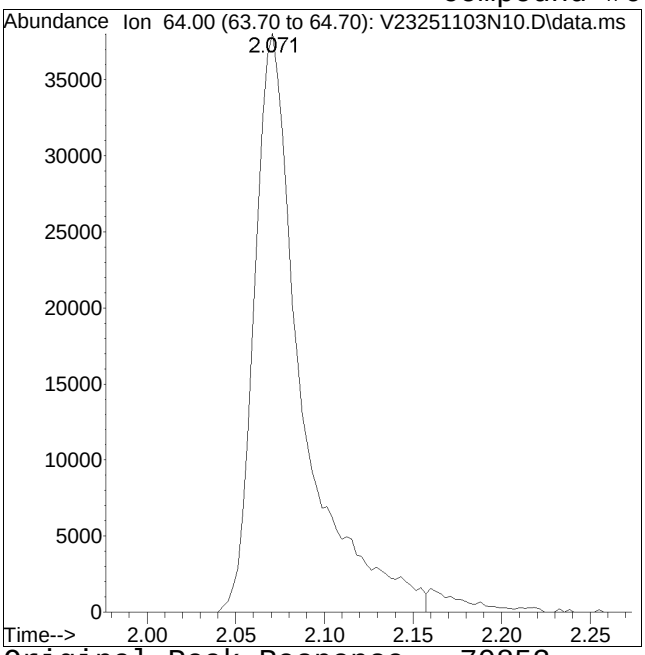
Manual Peak Response = 91068 M1

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

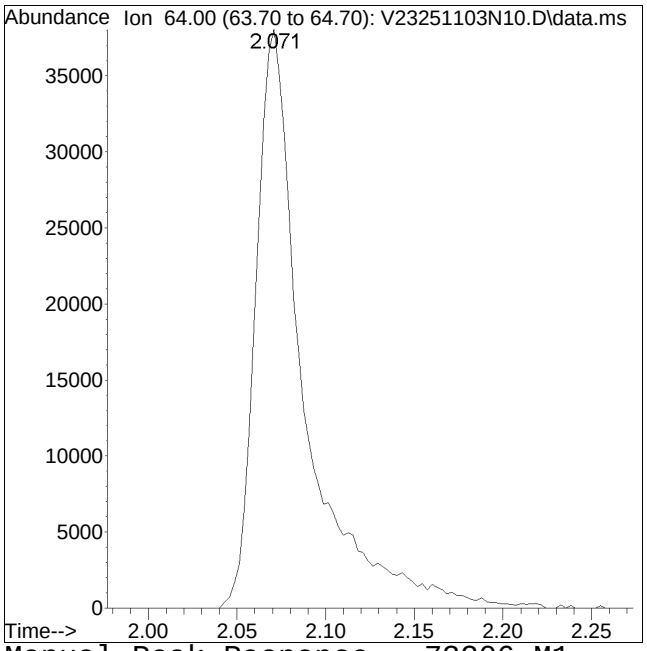
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N10.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:53 pm Instrument : VOA123
Sample : I8260STD40PPB Quant Date : 11/4/2025 11:58 am

Compound #6: Chloroethane



Original Peak Response = 70853



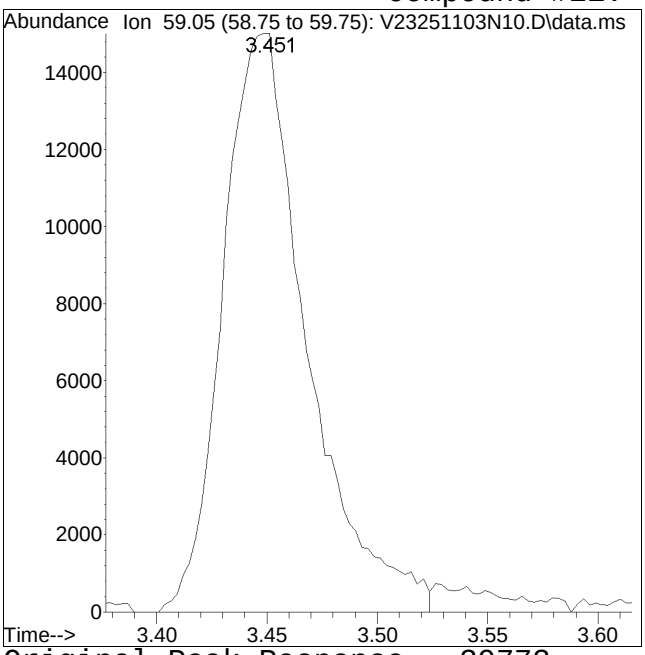
Manual Peak Response = 73206 M1

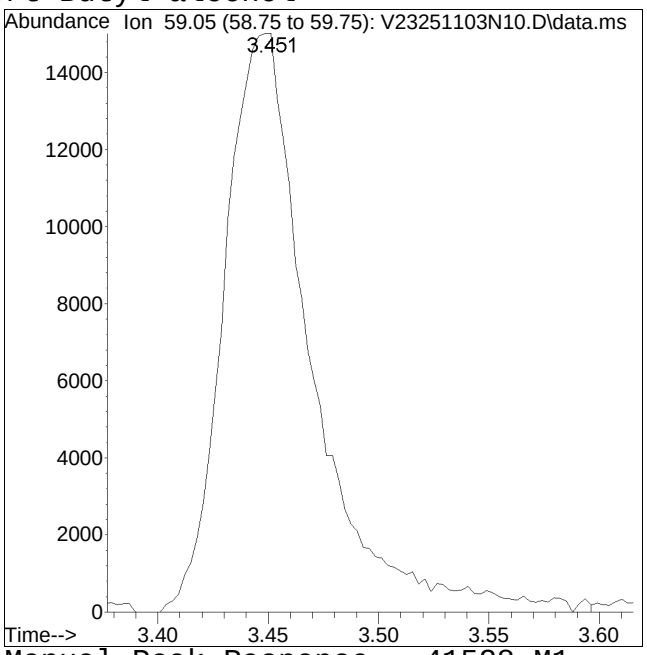
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N10.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:53 pm Instrument : VOA123
Sample : I8260STD40PPB Quant Date : 11/4/2025 11:58 am

Compound #21: tert-Butyl alcohol



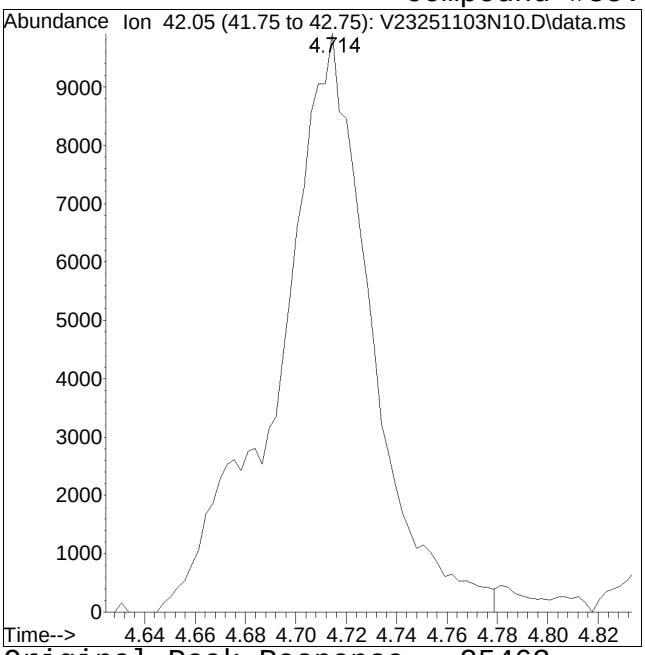


Original Peak Response = 39773 Manual Peak Response = 41528 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

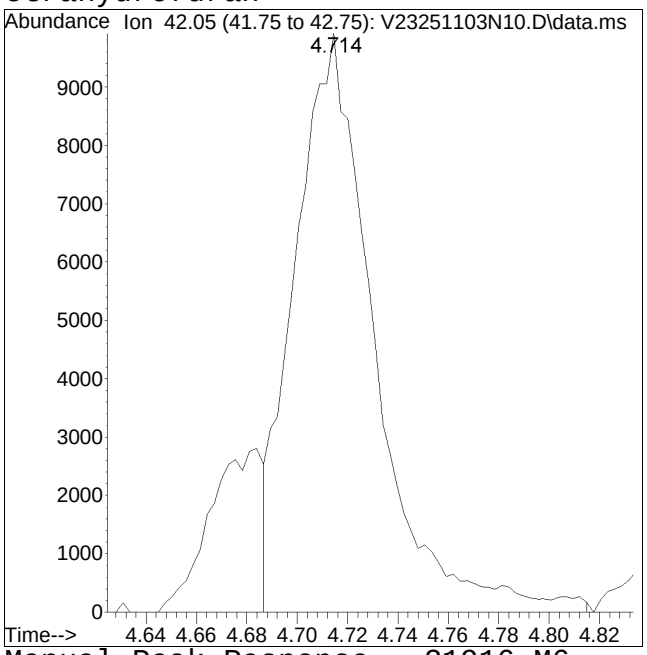
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N10.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:53 pm Instrument : VOA123
Sample : I8260STD40PPB Quant Date : 11/4/2025 11:58 am

Compound #35: Tetrahydrofuran



Original Peak Response = 25463



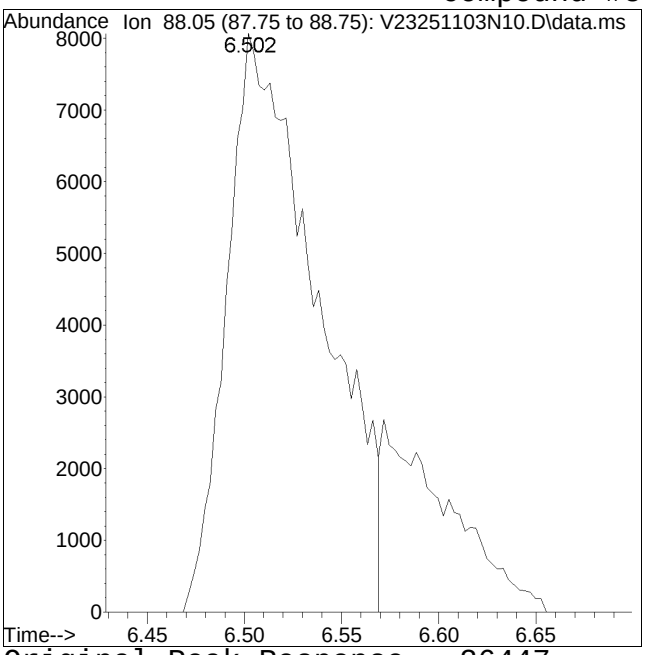
Manual Peak Response = 21916 M6

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

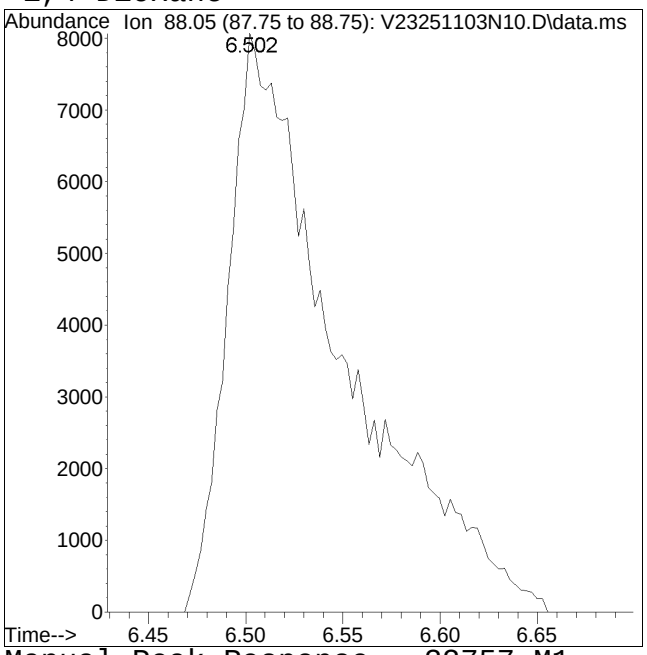
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N10.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:53 pm Instrument : VOA123
Sample : I8260STD40PPB Quant Date : 11/4/2025 11:58 am

Compound #57: 1,4-Dioxane



Original Peak Response = 26447



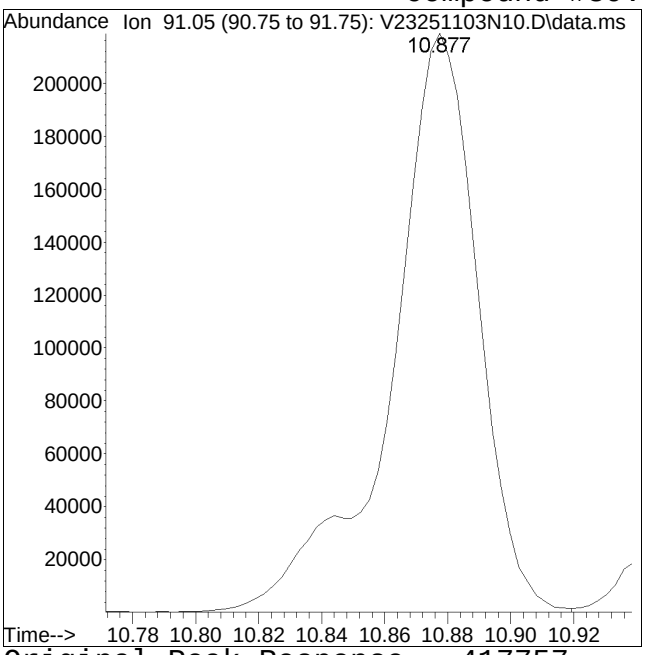
Manual Peak Response = 32757 M1

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

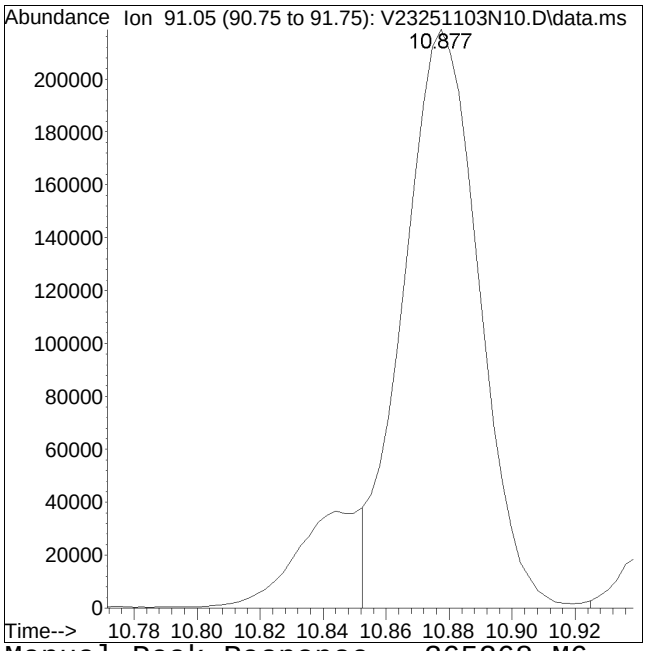
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N10.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:53 pm Instrument : VOA123
Sample : I8260STD40PPB Quant Date : 11/4/2025 11:58 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 417757



Manual Peak Response = 365268 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N11.D
Acq On : 03 Nov 2025 11:19 pm
Operator : VOA123:AJK
Sample : I8260STD100PPB
Misc : WG2136903,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 04 12:30:11 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.520	96	200870	20.000	ug/L	0.00
Standard Area 1 = 201320			Recovery = 99.78%			
59) Chlorobenzene-d5	8.990	117	144183	20.000	ug/L	0.00
Standard Area 1 = 146207			Recovery = 98.62%			
79) 1,4-Dichlorobenzene-d4	11.801	152	79377	20.000	ug/L	0.00
Standard Area 1 = 79326			Recovery = 100.06%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.734	113	51061	19.903	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.52%			
43) 1,2-Dichloroethane-d4	5.242	65	51317	19.943	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.72%			
60) Toluene-d8	7.174	98	192892	19.844	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.22%			
83) 4-Bromofluorobenzene	10.537	95	70717	19.864	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	243685M1	107.274	ug/L	
3) Chloromethane	1.661	50	254560	103.412	ug/L	98
4) Vinyl chloride	1.692	62	289502	105.980	ug/L	88
5) Bromomethane	1.962	94	184636	111.856	ug/L	100
6) Chloroethane	2.068	64	201619	110.412	ug/L	97
7) Trichlorofluoromethane	2.191	101	426682	105.567	ug/L	99
8) Ethyl ether	2.453	74	141035	102.913	ug/L	92
10) 1,1-Dichloroethene	2.629	96	227523	106.422	ug/L	93
11) Carbon disulfide	2.656	76	780277	105.667	ug/L	99
12) Freon-113	2.662	101	231590	106.295	ug/L	99
14) Acrolein	2.916	56	26323	100.064	ug/L	98
15) Methylene chloride	3.133	84	272523	100.349	ug/L	92
17) Acetone	3.167	43	61882	93.825	ug/L	92
18) trans-1,2-Dichloroethene	3.276	96	263157	102.897	ug/L	96
19) Methyl acetate	3.281	43	111347	102.500	ug/L #	90
20) Methyl tert-butyl ether	3.365	73	732162	102.102	ug/L	96
21) tert-Butyl alcohol	3.448	59	100622	485.684	ug/L	97
22) Diisopropyl ether	3.705	45	789268	101.872	ug/L	95
23) 1,1-Dichloroethane	3.819	63	480538	102.849	ug/L	100
24) Halothane	3.872	117	196416	104.758	ug/L	100
25) Acrylonitrile	3.858	53	58884	106.642	ug/L #	91

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N11.D
Acq On : 03 Nov 2025 11:19 pm
Operator : VOA123:AJK
Sample : I8260STD100PPB
Misc : WG2136903,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 04 12:30:11 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.031	59	811531	103.277	ug/L		93
27) Vinyl acetate	4.042	43	550112	101.329	ug/L		95
28) cis-1,2-Dichloroethene	4.310	96	295827	101.380	ug/L		96
29) 2,2-Dichloropropane	4.408	77	397025	103.984	ug/L		92
30) Bromochloromethane	4.494	128	132364	99.779	ug/L		97
31) Cyclohexane	4.503	56	400304	104.269	ug/L		96
32) Chloroform	4.567	83	497261	100.688	ug/L		96
33) Ethyl acetate	4.675	43	183921	102.667	ug/L		100
34) Carbon tetrachloride	4.698	117	389743	106.154	ug/L		99
35) Tetrahydrofuran	4.712	42	53807M6	98.426	ug/L		
37) 1,1,1-Trichloroethane	4.759	97	420679	103.220	ug/L		98
39) 2-Butanone	4.848	43	72251	102.217	ug/L	#	63
40) 1,1-Dichloropropene	4.879	75	325680	103.636	ug/L		99
41) Benzene	5.110	78	1006299	101.364	ug/L		97
42) tert-Amyl methyl ether	5.222	73	716550	101.832	ug/L		96
44) 1,2-Dichloroethane	5.306	62	354614	100.755	ug/L		98
47) Methyl cyclohexane	5.682	83	442735	105.346	ug/L		94
48) Trichloroethene	5.693	95	283029	103.586	ug/L		99
50) Dibromomethane	6.117	93	163883	102.637	ug/L		99
51) 1,2-Dichloropropane	6.218	63	267578	100.322	ug/L		99
53) 2-Chloroethyl vinyl ether	6.906	63	122016	102.116	ug/L		96
54) Bromodichloromethane	6.290	83	396361	102.340	ug/L		99
57) 1,4-Dioxane	6.508	88	83157M1	5088.579	ug/L		
58) cis-1,3-Dichloropropene	6.971	75	445566	101.619	ug/L	#	91
61) Toluene	7.233	92	652489	103.183	ug/L		100
62) 4-Methyl-2-pentanone	7.662	58	76367	106.735	ug/L		89
63) Tetrachloroethene	7.673	166	296948	104.795	ug/L		98
65) trans-1,3-Dichloropropene	7.710	75	392394	104.399	ug/L		98
67) Ethyl methacrylate	7.910	69	298060	105.424	ug/L		94
68) 1,1,2-Trichloroethane	7.888	83	184420	101.280	ug/L		99
69) Chlorodibromomethane	8.094	129	293549	105.646	ug/L		98
70) 1,3-Dichloropropane	8.206	76	370919	102.177	ug/L		99
71) 1,2-Dibromoethane	8.359	107	223379	102.947	ug/L		99
72) 2-Hexanone	8.663	43	124916	108.457	ug/L		93
73) Chlorobenzene	9.012	112	759061	102.684	ug/L	#	88
74) Ethylbenzene	9.056	91	1276210	103.327	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.095	131	290171	103.670	ug/L		99
76) p/m Xylene	9.243	106	1005010	208.690	ug/L		98
77) o Xylene	9.784	106	1001830	207.887	ug/L		98
78) Styrene	9.857	104	1749995	212.469	ug/L		98

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N11.D
Acq On : 03 Nov 2025 11:19 pm
Operator : VOA123:AJK
Sample : I8260STD100PPB
Misc : WG2136903,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 04 12:30:11 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.871	173	201080	111.684	ug/L	100
82) Isopropylbenzene	10.197	105	1292294	103.609	ug/L	100
84) Bromobenzene	10.649	156	339150	101.383	ug/L	100
85) n-Propylbenzene	10.707	91	1536591	103.450	ug/L	99
86) 1,4-Dichlorobutane	10.719	55	380109	102.791	ug/L	94
87) 1,1,2,2-Tetrachloroethane	10.802	83	277317	100.979	ug/L	99
88) 4-Ethyltoluene	10.844	105	1279395	102.656	ug/L	99
89) 2-Chlorotoluene	10.877	91	949043M6	103.862	ug/L	
90) 1,3,5-Trimethylbenzene	10.950	105	1124493	102.712	ug/L	99
91) 1,2,3-Trichloropropane	10.939	75	216682	102.665	ug/L	99
92) trans-1,4-Dichloro-2-b...	11.000	53	79206	105.561	ug/L	85
93) 4-Chlorotoluene	11.070	91	958304	101.754	ug/L	99
94) tert-Butylbenzene	11.299	119	945822	102.469	ug/L	98
97) 1,2,4-Trimethylbenzene	11.385	105	1112668	102.021	ug/L	100
98) sec-Butylbenzene	11.499	105	1434847	103.914	ug/L	100
99) p-Isopropyltoluene	11.664	119	1239670	103.233	ug/L	98
100) 1,3-Dichlorobenzene	11.720	146	655008	102.506	ug/L	100
101) 1,4-Dichlorobenzene	11.817	146	648489	100.247	ug/L	99
102) p-Diethylbenzene	12.049	119	731052	102.352	ug/L	100
103) n-Butylbenzene	12.107	91	1107979	102.460	ug/L	99
104) 1,2-Dichlorobenzene	12.249	146	611973	101.642	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.860	119	1169792	100.280	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.044	155	45389	109.005	ug/L	99
107) 1,3,5-Trichlorobenzene	13.083	180	495321	100.555	ug/L	100
108) Hexachlorobutadiene	13.669	225	249707	101.971	ug/L	99
109) 1,2,4-Trichlorobenzene	13.686	180	425612	96.840	ug/L	99
110) Naphthalene	13.976	128	809821	97.913	ug/L	100
111) 1,2,3-Trichlorobenzene	14.149	180	364902	95.975	ug/L	100

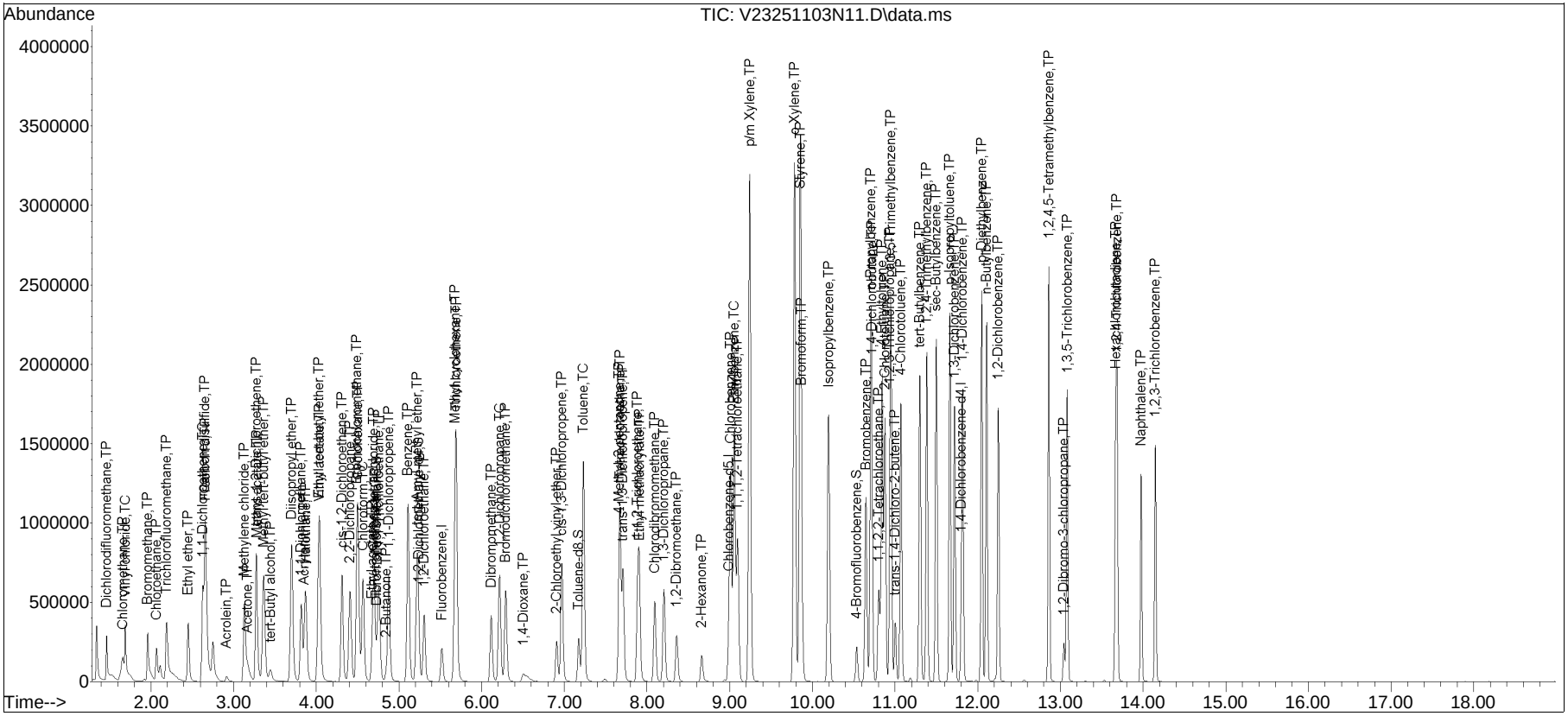
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N11.D
Acq On : 03 Nov 2025 11:19 pm
Operator : VOA123:AJK
Sample : I8260STD100PPB
Misc : WG2136903,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 04 12:30:11 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

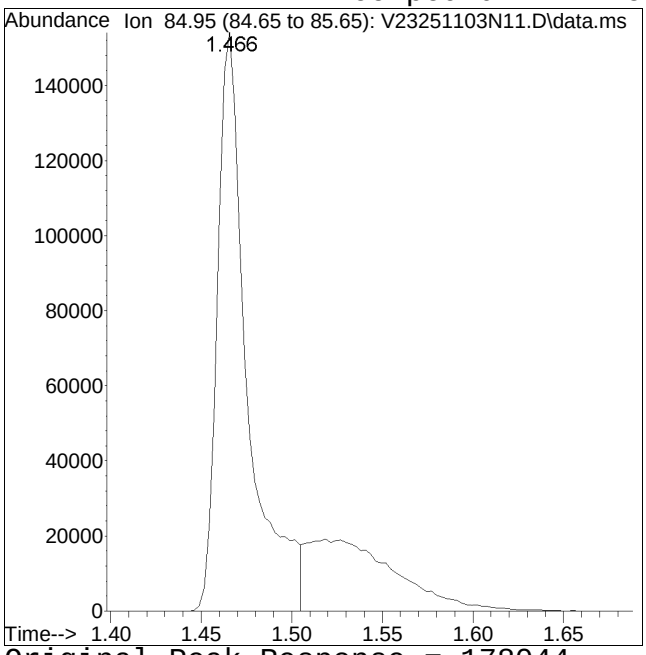
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•

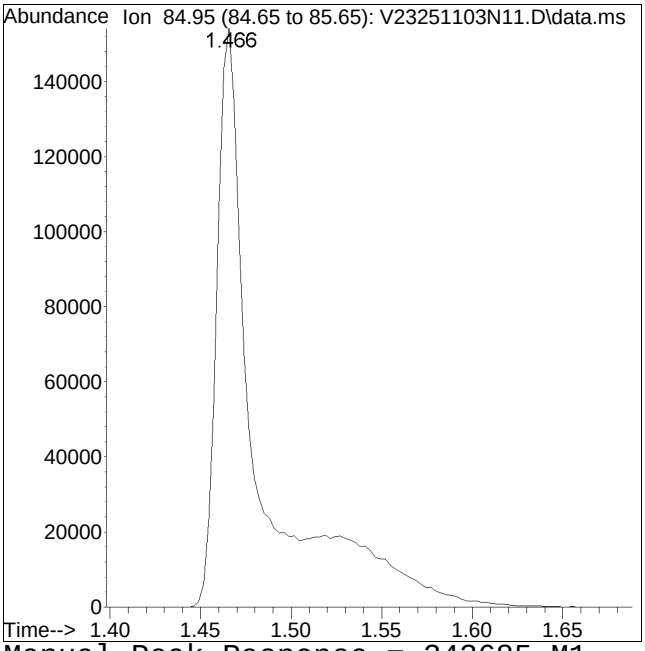


Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N11.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 11:19 pm Instrument : VOA123
Sample : I8260STD100PPB Quant Date : 11/4/2025 12:15 pm

Compound #2: Dichlorodifluoromethane



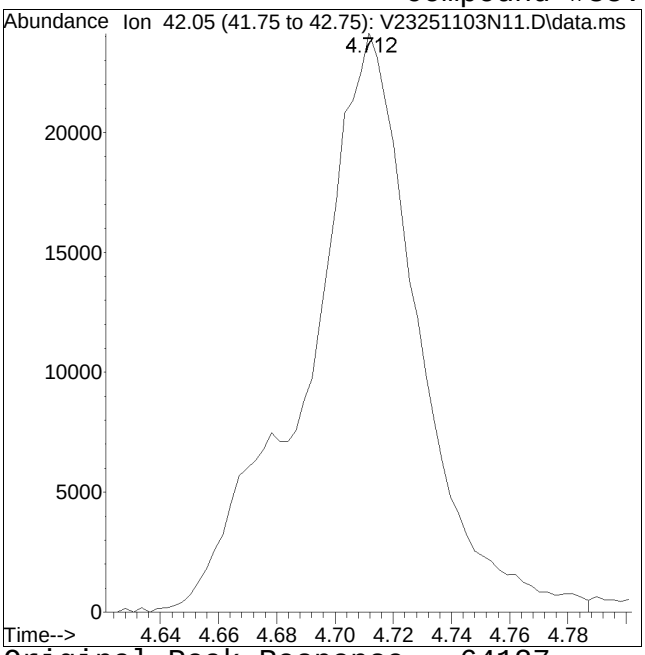


Original Peak Response = 178044 Manual Peak Response = 243685 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

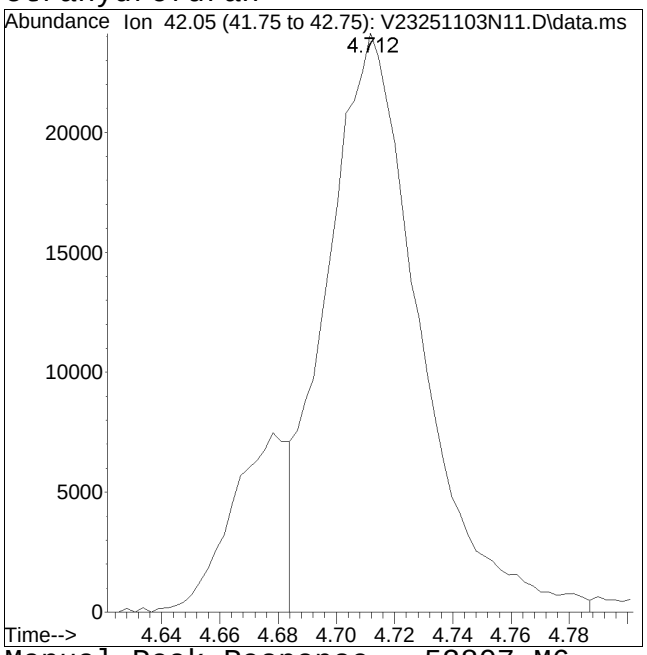
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N11.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 11:19 pm Instrument : VOA123
Sample : I8260STD100PPB Quant Date : 11/4/2025 12:15 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 64127



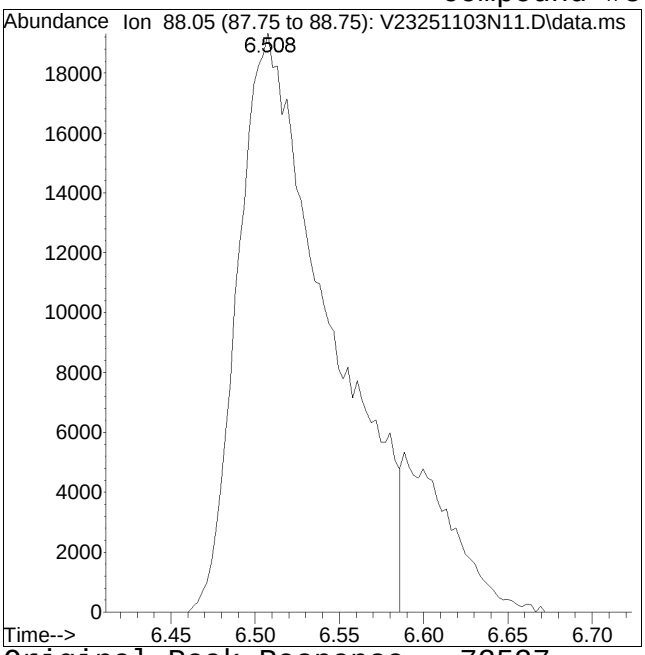
Manual Peak Response = 53807 M6

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

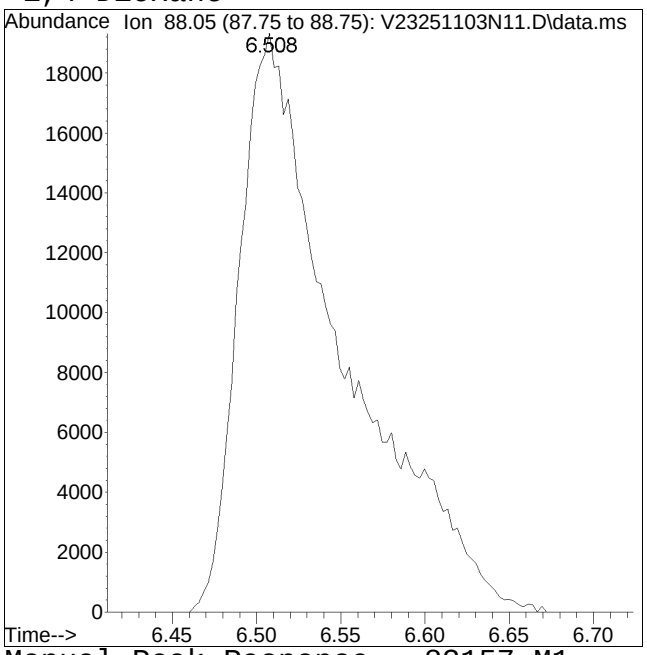
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N11.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 11:19 pm Instrument : VOA123
Sample : I8260STD100PPB Quant Date : 11/4/2025 12:15 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 72537



Manual Peak Response = 83157 M1

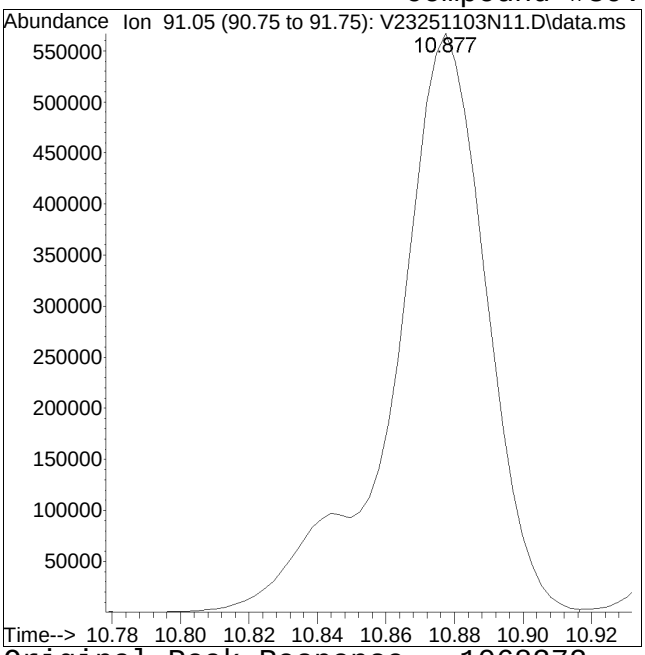
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

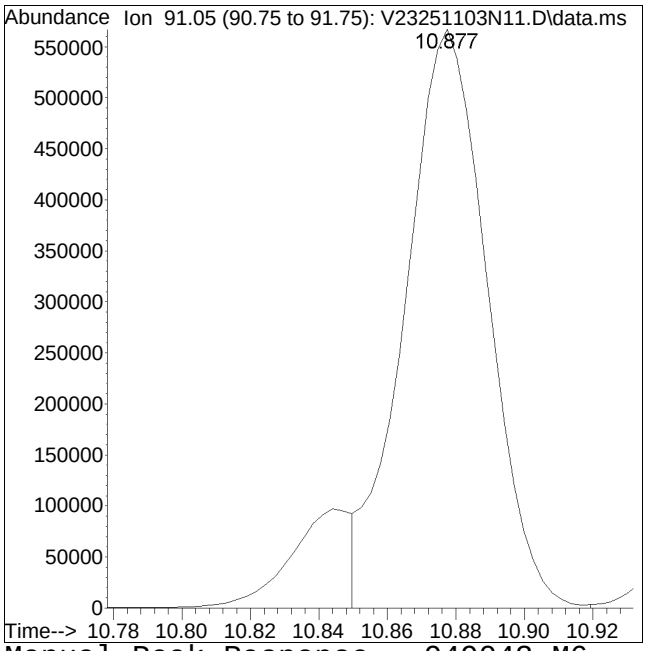
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N11.D
Date Inj'd : 11/3/2025 11:19 pm
Sample : I8260STD100PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:15 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 1068372



Manual Peak Response = 949043 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N12.D
Acq On : 03 Nov 2025 11:45 pm
Operator : VOA123:AJK
Sample : I8260STD200PPB
Misc : WG2136903,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 12:31:18 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.520	96	199708	20.000	ug/L	0.00
Standard Area 1 = 201320			Recovery = 99.20%			
59) Chlorobenzene-d5	8.989	117	146399	20.000	ug/L	0.00
Standard Area 1 = 146207			Recovery = 100.13%			
79) 1,4-Dichlorobenzene-d4	11.800	152	81102	20.000	ug/L	0.00
Standard Area 1 = 79326			Recovery = 102.24%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.731	113	51051	20.015	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.08%			
43) 1,2-Dichloroethane-d4	5.239	65	51965	20.313	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.57%			
60) Toluene-d8	7.177	98	195990	19.857	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.28%			
83) 4-Bromofluorobenzene	10.537	95	70580	19.404	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	462344M1	204.716	ug/L	
3) Chloromethane	1.661	50	496900	203.034	ug/L	98
4) Vinyl chloride	1.691	62	559256	205.923	ug/L	88
5) Bromomethane	1.962	94	393311	239.663	ug/L	100
6) Chloroethane	2.065	64	410097	225.887	ug/L	92
7) Trichlorofluoromethane	2.191	101	847664M1	210.944	ug/L	
8) Ethyl ether	2.453	74	278577	204.460	ug/L	92
10) 1,1-Dichloroethene	2.628	96	444319	209.035	ug/L	91
11) Carbon disulfide	2.654	76	1520748	207.142	ug/L	99
12) Freon-113	2.662	101	445990	205.892	ug/L	97
14) Acrolein	2.916	56	54123	206.941	ug/L	100
15) Methylene chloride	3.130	84	536018	198.523	ug/L	93
17) Acetone	3.169	43	115149	175.604	ug/L	91
18) trans-1,2-Dichloroethene	3.275	96	517294	203.445	ug/L	96
19) Methyl acetate	3.281	43	214012	198.153	ug/L #	90
20) Methyl tert-butyl ether	3.365	73	1444644	202.633	ug/L	96
21) tert-Butyl alcohol	3.446	59	205764M1	998.964	ug/L	
22) Diisopropyl ether	3.702	45	1566612	203.382	ug/L	96
23) 1,1-Dichloroethane	3.819	63	940686	202.506	ug/L	100
24) Halothane	3.872	117	386362	207.264	ug/L	99
25) Acrylonitrile	3.858	53	116965	213.063	ug/L #	90

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N12.D
Acq On : 03 Nov 2025 11:45 pm
Operator : VOA123:AJK
Sample : I8260STD200PPB
Misc : WG2136903,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 12:31:18 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.031	59	1619775	207.336	ug/L		93
27) Vinyl acetate	4.042	43	1103338	204.414	ug/L		96
28) cis-1,2-Dichloroethene	4.310	96	582176	200.674	ug/L		96
29) 2,2-Dichloropropane	4.408	77	770084	202.865	ug/L		92
30) Bromochloromethane	4.494	128	257552	195.277	ug/L		99
31) Cyclohexane	4.502	56	768966	201.461	ug/L		97
32) Chloroform	4.567	83	969807	197.514	ug/L		96
33) Ethyl acetate	4.675	43	355776	199.754	ug/L		100
34) Carbon tetrachloride	4.695	117	747070	204.663	ug/L		99
35) Tetrahydrofuran	4.709	42	105313M6	193.764	ug/L		
37) 1,1,1-Trichloroethane	4.759	97	813007	200.645	ug/L		98
39) 2-Butanone	4.845	43	138222	196.687	ug/L	#	78
40) 1,1-Dichloropropene	4.876	75	627318	200.783	ug/L		100
41) Benzene	5.110	78	1961273	198.708	ug/L		97
42) tert-Amyl methyl ether	5.222	73	1425752	203.799	ug/L		97
44) 1,2-Dichloroethane	5.306	62	697920	199.451	ug/L		98
47) Methyl cyclohexane	5.685	83	853534	204.275	ug/L		93
48) Trichloroethene	5.693	95	559532	205.975	ug/L		99
50) Dibromomethane	6.114	93	324317	204.296	ug/L		100
51) 1,2-Dichloropropane	6.217	63	532590	200.843	ug/L		99
53) 2-Chloroethyl vinyl ether	6.909	63	237623	200.026	ug/L		96
54) Bromodichloromethane	6.290	83	789619	205.066	ug/L		99
57) 1,4-Dioxane	6.510	88	156484	9631.352	ug/L		96
58) cis-1,3-Dichloropropene	6.973	75	892210	204.669	ug/L	#	91
61) Toluene	7.233	92	1296744	201.959	ug/L		100
62) 4-Methyl-2-pentanone	7.665	58	150378	206.996	ug/L		90
63) Tetrachloroethene	7.673	166	581434	202.087	ug/L		97
65) trans-1,3-Dichloropropene	7.709	75	783040	205.180	ug/L		98
67) Ethyl methacrylate	7.910	69	591792	206.150	ug/L		93
68) 1,1,2-Trichloroethane	7.888	83	369385	199.789	ug/L		99
69) Chlorodibromomethane	8.094	129	591897	209.794	ug/L		98
70) 1,3-Dichloropropane	8.206	76	730107	198.078	ug/L		100
71) 1,2-Dibromoethane	8.359	107	444371	201.694	ug/L		99
72) 2-Hexanone	8.663	43	245739	210.131	ug/L		94
73) Chlorobenzene	9.012	112	1526570	203.385	ug/L	#	87
74) Ethylbenzene	9.056	91	2550267	203.354	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.095	131	588661	207.129	ug/L		99
76) p/m Xylene	9.243	106	2017346	412.560	ug/L		99
77) o Xylene	9.787	106	2036509	416.193	ug/L		99
78) Styrene	9.857	104	3545765	423.978	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N12.D
Acq On : 03 Nov 2025 11:45 pm
Operator : VOA123:AJK
Sample : I8260STD200PPB
Misc : WG2136903,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 12:31:18 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.871	173	412010	223.972	ug/L	100
82) Isopropylbenzene	10.197	105	2557289	200.669	ug/L	100
84) Bromobenzene	10.649	156	687588	201.170	ug/L	100
85) n-Propylbenzene	10.710	91	3029825	199.642	ug/L	99
86) 1,4-Dichlorobutane	10.718	55	766743	202.937	ug/L	95
87) 1,1,2,2-Tetrachloroethane	10.805	83	552203	196.796	ug/L	100
88) 4-Ethyltoluene	10.847	105	2532169	198.855	ug/L	100
89) 2-Chlorotoluene	10.880	91	1862393M6	199.482	ug/L	
90) 1,3,5-Trimethylbenzene	10.953	105	2232933	199.619	ug/L	98
91) 1,2,3-Trichloropropane	10.942	75	427101	198.058	ug/L	98
92) trans-1,4-Dichloro-2-b...	11.006	53	156048	203.548	ug/L	88
93) 4-Chlorotoluene	11.073	91	1910988	198.595	ug/L	99
94) tert-Butylbenzene	11.301	119	1861977	197.433	ug/L	97
97) 1,2,4-Trimethylbenzene	11.385	105	2245861	201.544	ug/L	99
98) sec-Butylbenzene	11.499	105	2808272	199.054	ug/L	99
99) p-Isopropyltoluene	11.664	119	2454101	200.017	ug/L	99
100) 1,3-Dichlorobenzene	11.722	146	1320107	202.197	ug/L	100
101) 1,4-Dichlorobenzene	11.820	146	1313038	198.659	ug/L	99
102) p-Diethylbenzene	12.051	119	1476499	202.322	ug/L	100
103) n-Butylbenzene	12.107	91	2201847	199.284	ug/L	99
104) 1,2-Dichlorobenzene	12.249	146	1226996	199.457	ug/L	100
105) 1,2,4,5-Tetramethylben...	12.863	119	2403652	201.670	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.044	155	90619	213.000	ug/L	99
107) 1,3,5-Trichlorobenzene	13.083	180	998537	198.400	ug/L	100
108) Hexachlorobutadiene	13.669	225	495944	198.218	ug/L	99
109) 1,2,4-Trichlorobenzene	13.686	180	862275	192.022	ug/L	99
110) Naphthalene	13.978	128	1587112	187.811	ug/L	100
111) 1,2,3-Trichlorobenzene	14.148	180	716571	184.460	ug/L	99

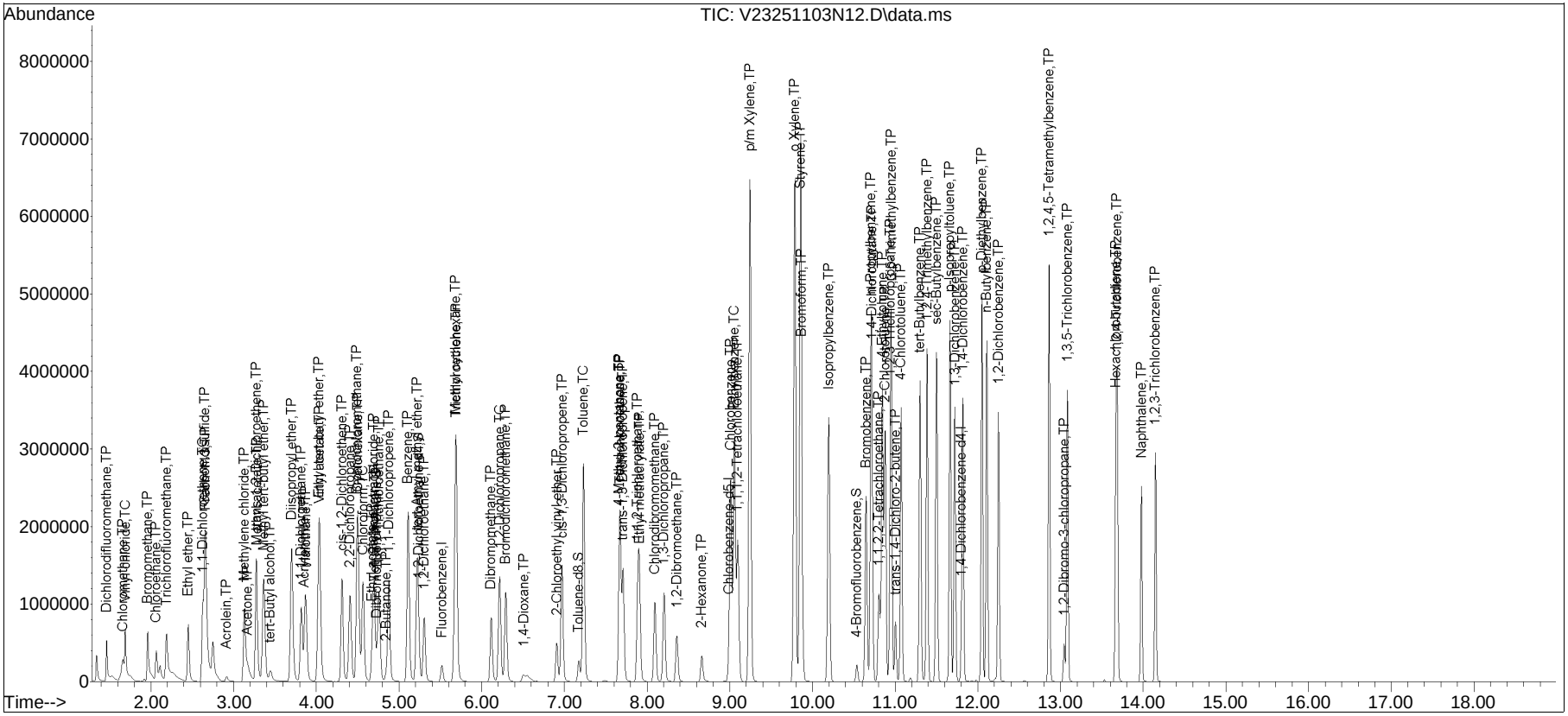
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N12.D
Acq On : 03 Nov 2025 11:45 pm
Operator : VOA123:AJK
Sample : I8260STD200PPB
Misc : WG2136903,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 12:31:18 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

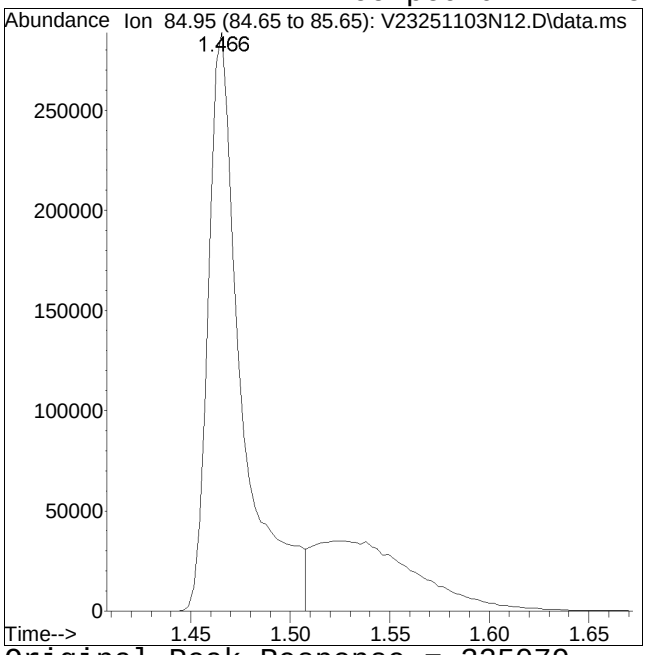
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•

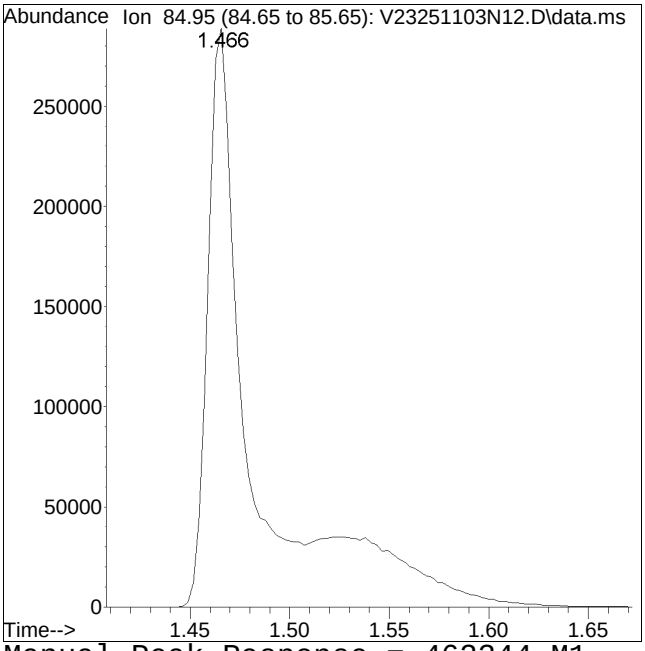


Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N12.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 11:45 pm Instrument : VOA123
Sample : I8260STD200PPB Quant Date : 11/4/2025 12:15 pm

Compound #2: Dichlorodifluoromethane



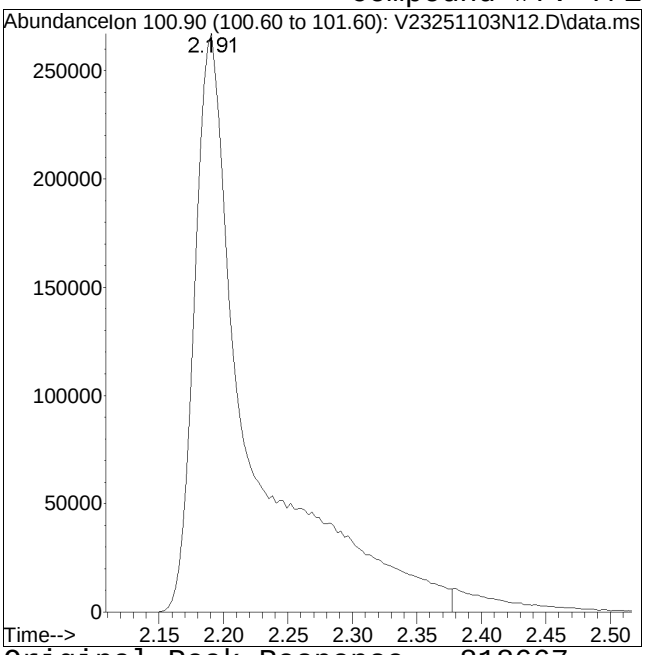


Original Peak Response = 335079 Manual Peak Response = 462344 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

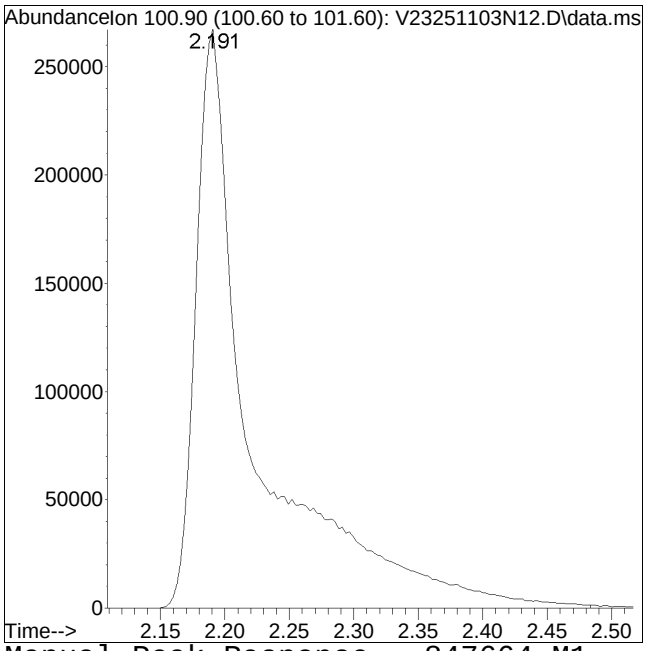
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N12.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 11:45 pm Instrument : VOA123
Sample : I8260STD200PPB Quant Date : 11/4/2025 12:15 pm

Compound #7: Trichlorofluoromethane



Original Peak Response = 818667



Manual Peak Response = 847664 M1

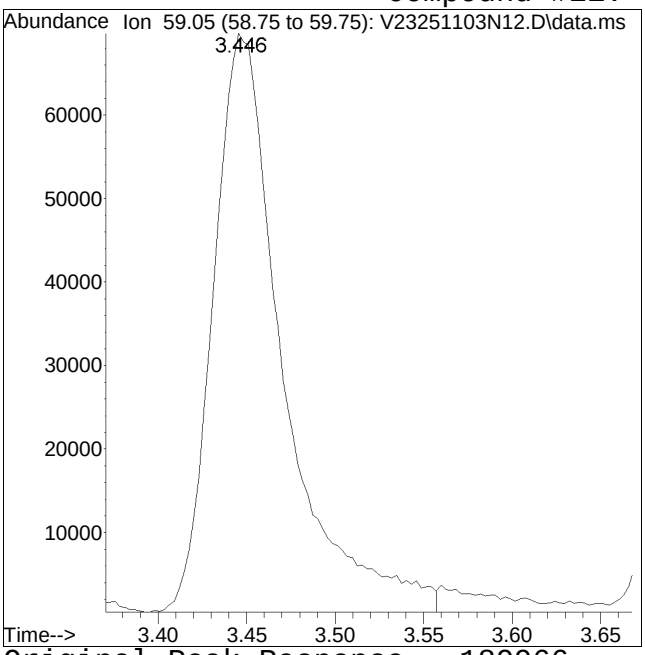
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

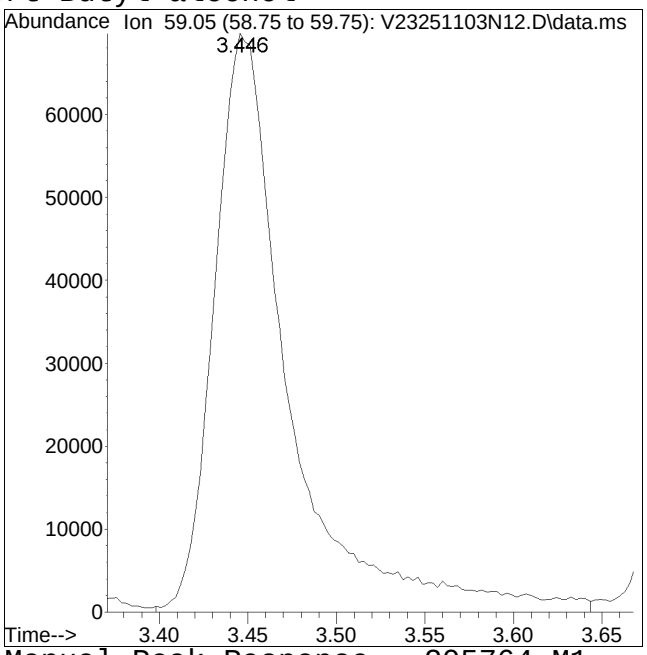
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N12.D
Date Inj'd : 11/3/2025 11:45 pm
Sample : I8260STD200PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:15 pm

Compound #21: tert-Butyl alcohol



Original Peak Response = 189966



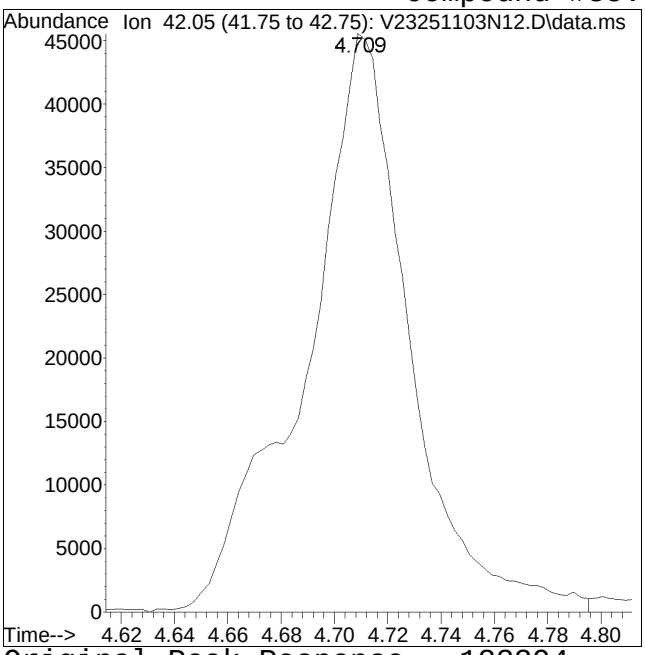
Manual Peak Response = 205764 M1

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

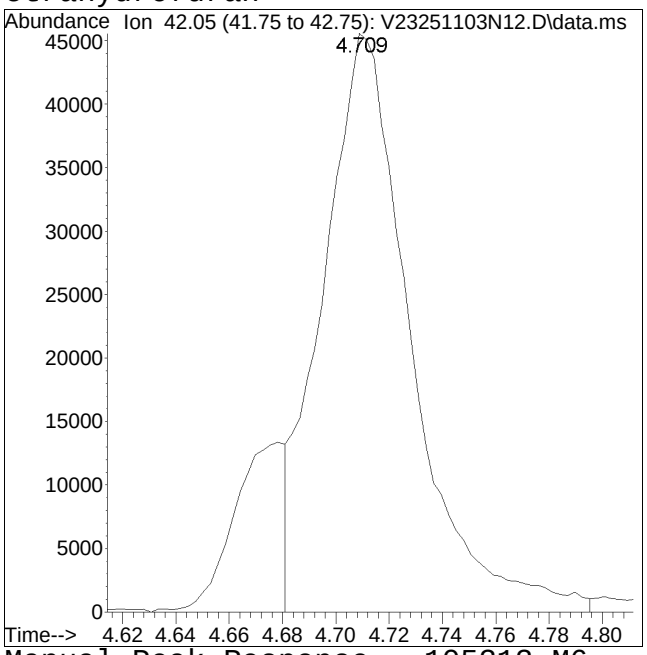
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N12.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 11:45 pm Instrument : VOA123
Sample : I8260STD200PPB Quant Date : 11/4/2025 12:15 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 123394



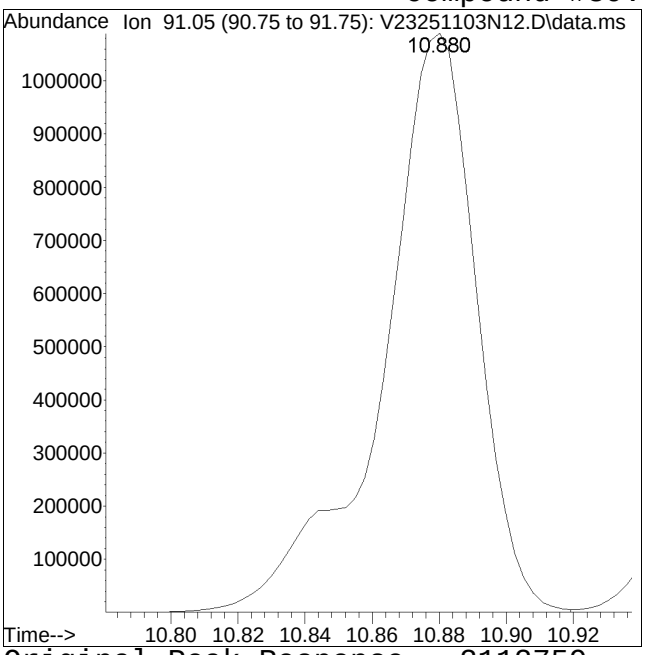
Manual Peak Response = 105313 M6

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

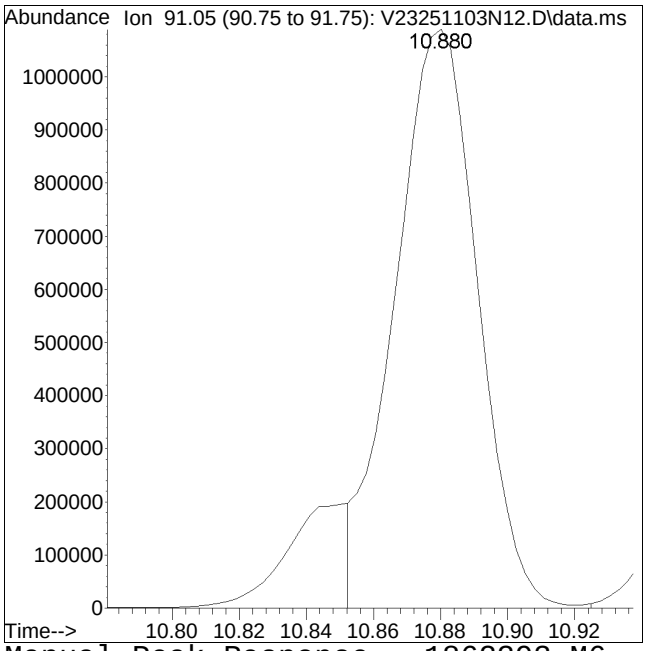
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N12.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 11:45 pm Instrument : VOA123
Sample : I8260STD200PPB Quant Date : 11/4/2025 12:15 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 2112759



Manual Peak Response = 1862393 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N13.D
Acq On : 04 Nov 2025 12:11 am
Operator : VOA123:AJK
Sample : I8260STD300PPB
Misc : WG2136903,ICAL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 04 12:32:21 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.521	96	201463	20.000 ug/L	0.00
Standard Area 1 = 201320			Recovery = 100.07%		
59) Chlorobenzene-d5	8.990	117	150409	20.000 ug/L	0.00
Standard Area 1 = 146207			Recovery = 102.87%		
79) 1,4-Dichlorobenzene-d4	11.803	152	84641	20.000 ug/L	0.00
Standard Area 1 = 79326			Recovery = 106.70%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.734	113	51373	19.966 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.83%		
43) 1,2-Dichloroethane-d4	5.239	65	54751	21.215 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.08%		
60) Toluene-d8	7.174	98	199909	19.714 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.57%		
83) 4-Bromofluorobenzene	10.540	95	71903	18.941 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.70%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.466	85	727258M1	319.208 ug/L	
3) Chloromethane	1.661	50	789094	319.617 ug/L	98
4) Vinyl chloride	1.692	62	894283	326.414 ug/L	86
5) Bromomethane	1.962	94	648158	391.512 ug/L	100
6) Chloroethane	2.063	64	633645	345.980 ug/L	94
7) Trichlorofluoromethane	2.188	101	1361908M1	335.962 ug/L	
8) Ethyl ether	2.453	74	433528	315.413 ug/L	92
10) 1,1-Dichloroethene	2.629	96	717126	334.442 ug/L	93
11) Carbon disulfide	2.654	76	2427205	327.731 ug/L	100
12) Freon-113	2.662	101	735516	336.593 ug/L	98
14) Acrolein	2.913	56	88254M1	334.502 ug/L	
15) Methylene chloride	3.131	84	839701	308.288 ug/L	93
17) Acetone	3.170	43	174302	263.497 ug/L	91
18) trans-1,2-Dichloroethene	3.276	96	818526	319.111 ug/L	96
19) Methyl acetate	3.281	43	320966	294.593 ug/L #	90
20) Methyl tert-butyl ether	3.365	73	2224050	309.238 ug/L	96
21) tert-Butyl alcohol	3.449	59	305294	1469.261 ug/L	98
22) Diisopropyl ether	3.702	45	2425586	312.154 ug/L	96
23) 1,1-Dichloroethane	3.819	63	1435615	306.359 ug/L	100
24) Halothane	3.870	117	614514	326.785 ug/L	100
25) Acrylonitrile	3.861	53	172423	311.349 ug/L #	89

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N13.D
Acq On : 04 Nov 2025 12:11 am
Operator : VOA123:AJK
Sample : I8260STD300PPB
Misc : WG2136903,ICAL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 04 12:32:21 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.031	59	2521122	319.900	ug/L		93
27) Vinyl acetate	4.040	43	1713568	314.705	ug/L		96
28) cis-1,2-Dichloroethene	4.310	96	913589	312.167	ug/L		96
29) 2,2-Dichloropropane	4.405	77	1231354	321.553	ug/L		92
30) Bromochloromethane	4.494	128	398969	299.865	ug/L		97
31) Cyclohexane	4.503	56	1254374	325.771	ug/L		97
32) Chloroform	4.564	83	1517220	306.310	ug/L		96
33) Ethyl acetate	4.676	43	550582	306.436	ug/L		100
34) Carbon tetrachloride	4.695	117	1225429	332.788	ug/L		100
35) Tetrahydrofuran	4.712	42	164193M6	299.464	ug/L		
37) 1,1,1-Trichloroethane	4.756	97	1296088	317.080	ug/L		98
39) 2-Butanone	4.846	43	210501	296.929	ug/L	#	78
40) 1,1-Dichloropropene	4.876	75	1005000	318.864	ug/L		100
41) Benzene	5.111	78	3096905	311.033	ug/L		97
42) tert-Amyl methyl ether	5.222	73	2222272	314.887	ug/L		97
44) 1,2-Dichloroethane	5.306	62	1082721	306.724	ug/L		99
47) Methyl cyclohexane	5.685	83	1411887	334.962	ug/L		93
48) Trichloroethene	5.693	95	903213	329.595	ug/L		99
50) Dibromomethane	6.114	93	505172	315.449	ug/L		100
51) 1,2-Dichloropropane	6.218	63	832186	311.089	ug/L		99
53) 2-Chloroethyl vinyl ether	6.909	63	366197	305.571	ug/L		95
54) Bromodichloromethane	6.293	83	1245918	320.749	ug/L		99
57) 1,4-Dioxane	6.511	88	240474	14671.875	ug/L		95
58) cis-1,3-Dichloropropene	6.971	75	1393914	316.972	ug/L	#	90
61) Toluene	7.233	92	2081494	315.536	ug/L		99
62) 4-Methyl-2-pentanone	7.662	58	231704	310.438	ug/L		90
63) Tetrachloroethene	7.673	166	955613	323.284	ug/L		98
65) trans-1,3-Dichloropropene	7.710	75	1227079	312.959	ug/L		99
67) Ethyl methacrylate	7.910	69	918146	311.308	ug/L		93
68) 1,1,2-Trichloroethane	7.888	83	574101	302.235	ug/L		99
69) Chlorodibromomethane	8.097	129	926001	319.465	ug/L		98
70) 1,3-Dichloropropane	8.206	76	1125431	297.189	ug/L		100
71) 1,2-Dibromoethane	8.359	107	686896	303.461	ug/L		99
72) 2-Hexanone	8.661	43	375134	312.224	ug/L		94
73) Chlorobenzene	9.015	112	2406891	312.121	ug/L		88
74) Ethylbenzene	9.059	91	4071347	315.987	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.098	131	923877	316.413	ug/L		99
76) p/m Xylene	9.246	106	3249634	646.853	ug/L		100
77) o Xylene	9.790	106	3255458	647.568	ug/L		100
78) Styrene	9.860	104	5618589	653.921	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N13.D
Acq On : 04 Nov 2025 12:11 am
Operator : VOA123:AJK
Sample : I8260STD300PPB
Misc : WG2136903,ICAL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 04 12:32:21 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.874	173	654827	341.086	ug/L	100
82) Isopropylbenzene	10.200	105	4099759	308.254	ug/L	100
84) Bromobenzene	10.649	156	1083194	303.663	ug/L	99
85) n-Propylbenzene	10.713	91	4851336	306.300	ug/L	99
86) 1,4-Dichlorobutane	10.721	55	1195213	303.115	ug/L	95
87) 1,1,2,2-Tetrachloroethane	10.805	83	849870	290.215	ug/L	100
88) 4-Ethyltoluene	10.847	105	4030052	303.253	ug/L	100
89) 2-Chlorotoluene	10.880	91	2970580M6	304.877	ug/L	
90) 1,3,5-Trimethylbenzene	10.953	105	3579288	306.601	ug/L	99
91) 1,2,3-Trichloropropane	10.942	75	663351	294.751	ug/L	98
92) trans-1,4-Dichloro-2-b...	11.003	53	242525	303.122	ug/L	88
93) 4-Chlorotoluene	11.076	91	3024924	301.215	ug/L	99
94) tert-Butylbenzene	11.301	119	3056313	310.523	ug/L	97
97) 1,2,4-Trimethylbenzene	11.388	105	3597453	309.337	ug/L	100
98) sec-Butylbenzene	11.502	105	4572992	310.587	ug/L	99
99) p-Isopropyltoluene	11.667	119	3991367	311.707	ug/L	98
100) 1,3-Dichlorobenzene	11.723	146	2090610	306.824	ug/L	99
101) 1,4-Dichlorobenzene	11.820	146	2064492	299.292	ug/L	100
102) p-Diethylbenzene	12.052	119	2387758	313.510	ug/L	99
103) n-Butylbenzene	12.110	91	3518824	305.165	ug/L	99
104) 1,2-Dichlorobenzene	12.250	146	1933815	301.211	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.863	119	3849834	309.502	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.044	155	143429	323.034	ug/L	99
107) 1,3,5-Trichlorobenzene	13.083	180	1570930	299.079	ug/L	100
108) Hexachlorobutadiene	13.669	225	816961	312.869	ug/L	99
109) 1,2,4-Trichlorobenzene	13.689	180	1342106	286.380	ug/L	100
110) Naphthalene	13.979	128	2477509	280.918	ug/L	100
111) 1,2,3-Trichlorobenzene	14.149	180	1095389	270.186	ug/L	100

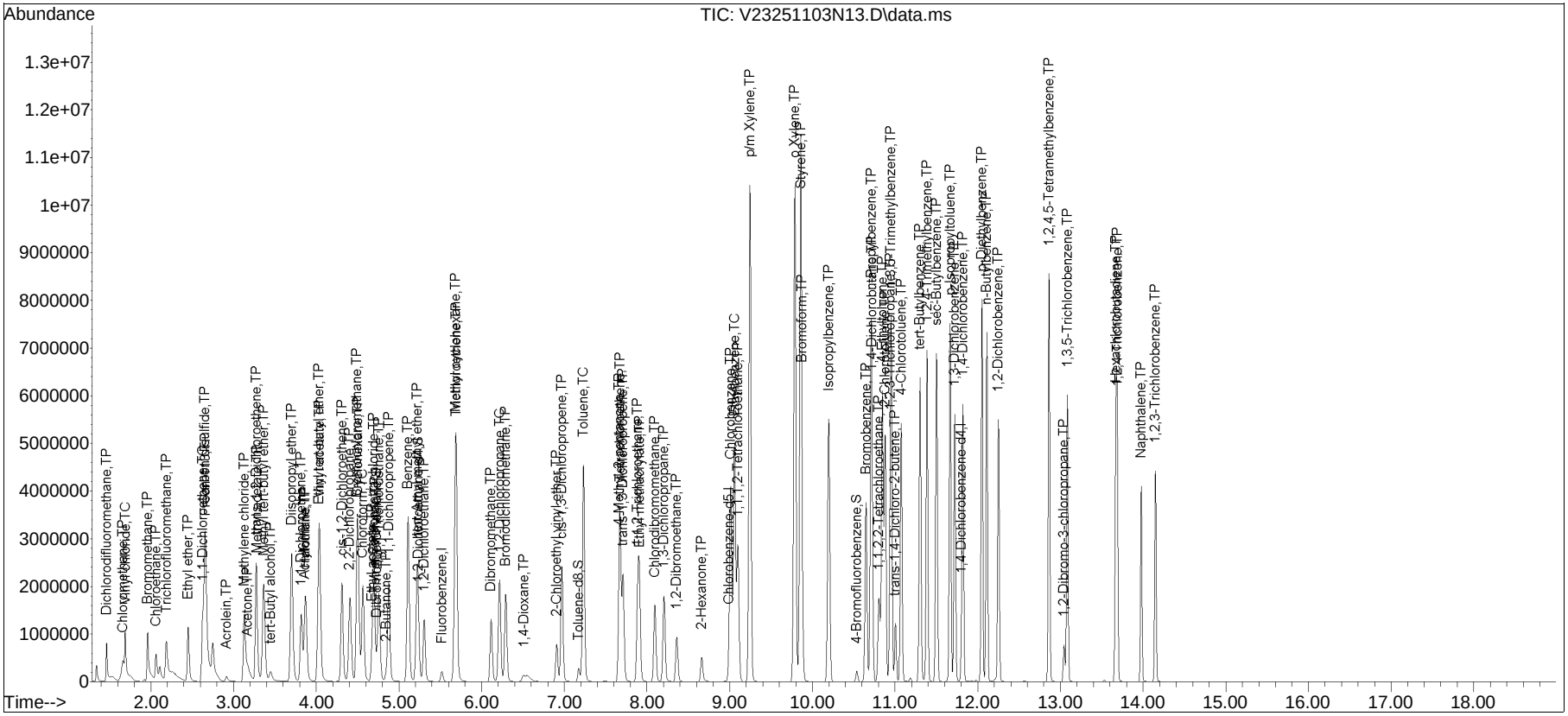
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N13.D
Acq On : 04 Nov 2025 12:11 am
Operator : VOA123:AJK
Sample : I8260STD300PPB
Misc : WG2136903,ICAL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 04 12:32:21 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

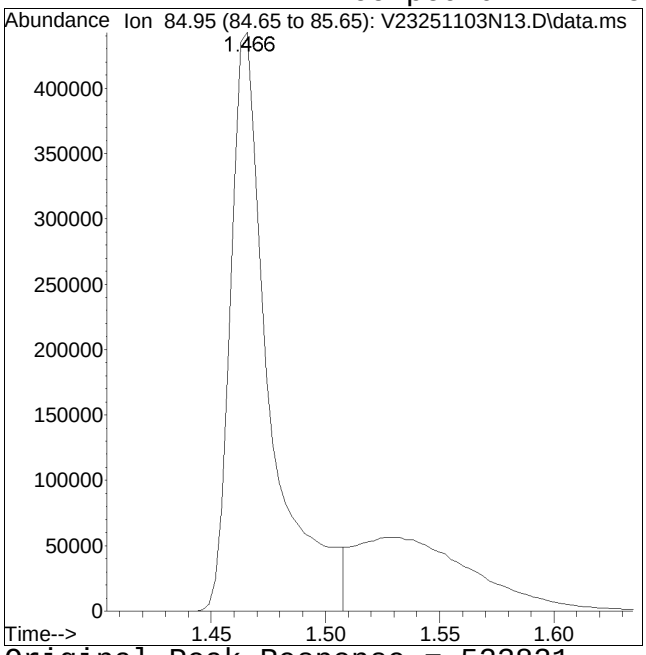
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•

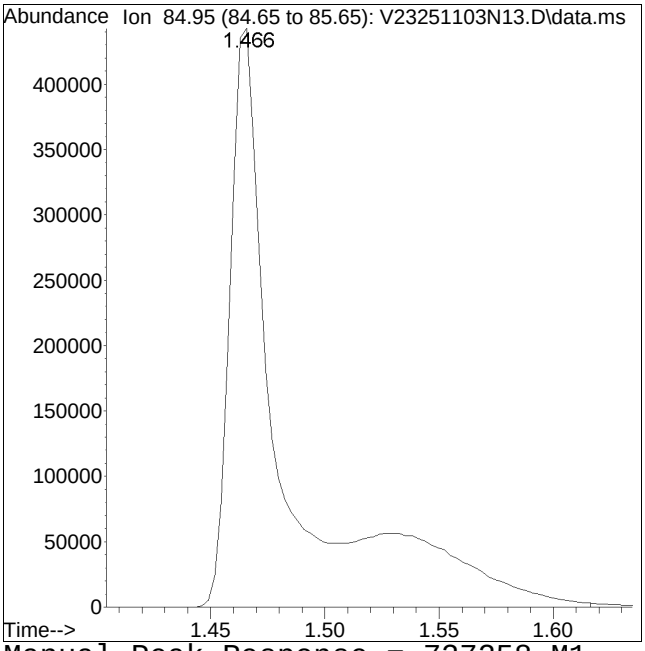


Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N13.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 12:11 am Instrument : VOA123
Sample : I8260STD300PPB Quant Date : 11/4/2025 12:15 pm

Compound #2: Dichlorodifluoromethane



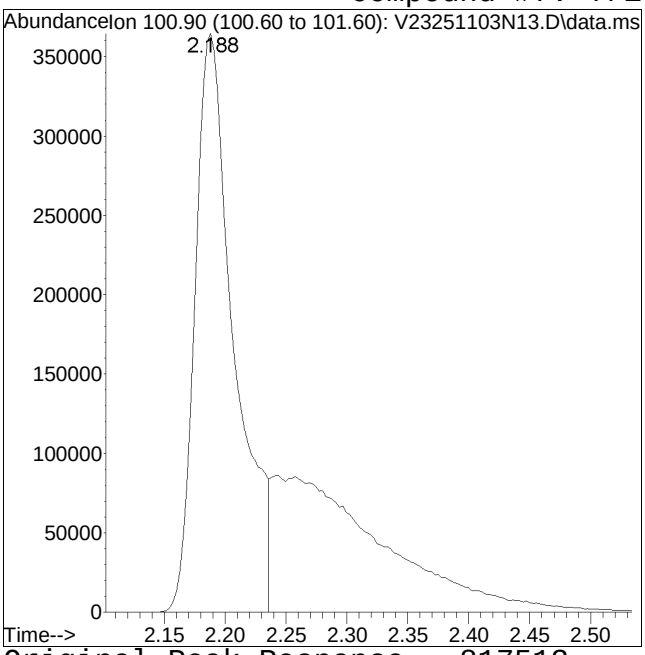


Original Peak Response = 523821 Manual Peak Response = 727258 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

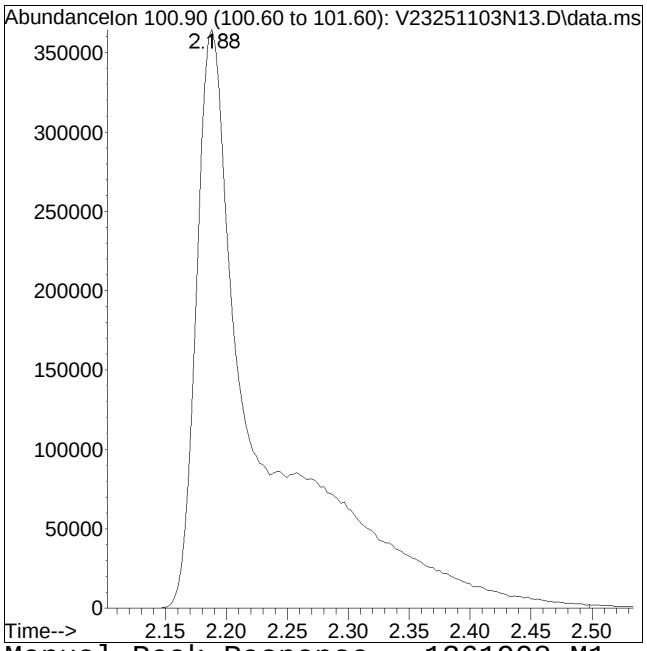
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N13.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 12:11 am Instrument : VOA123
Sample : I8260STD300PPB Quant Date : 11/4/2025 12:15 pm

Compound #7: Trichlorofluoromethane



Original Peak Response = 817513



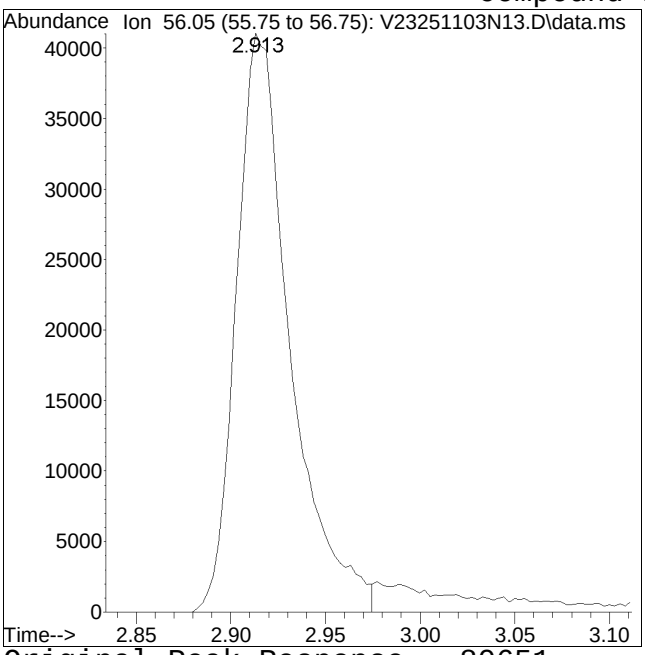
Manual Peak Response = 1361908 M1

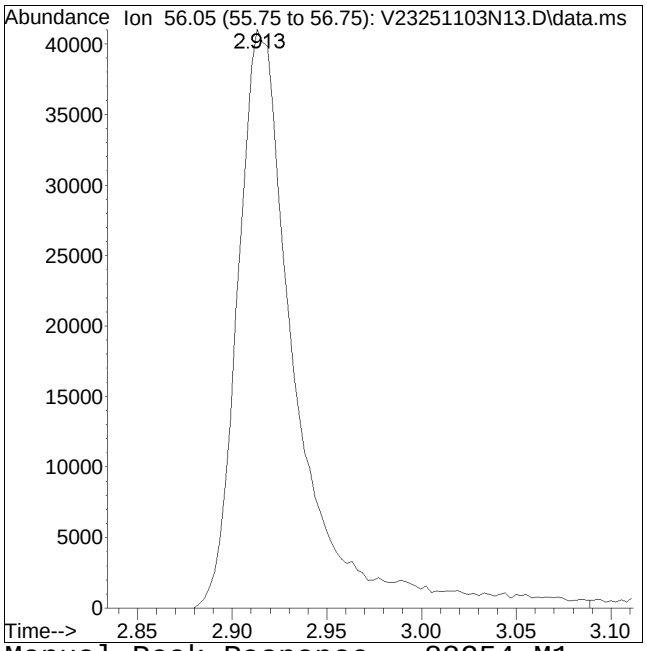
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N13.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 12:11 am Instrument : VOA123
Sample : I8260STD300PPB Quant Date : 11/4/2025 12:15 pm

Compound #14: Acrolein



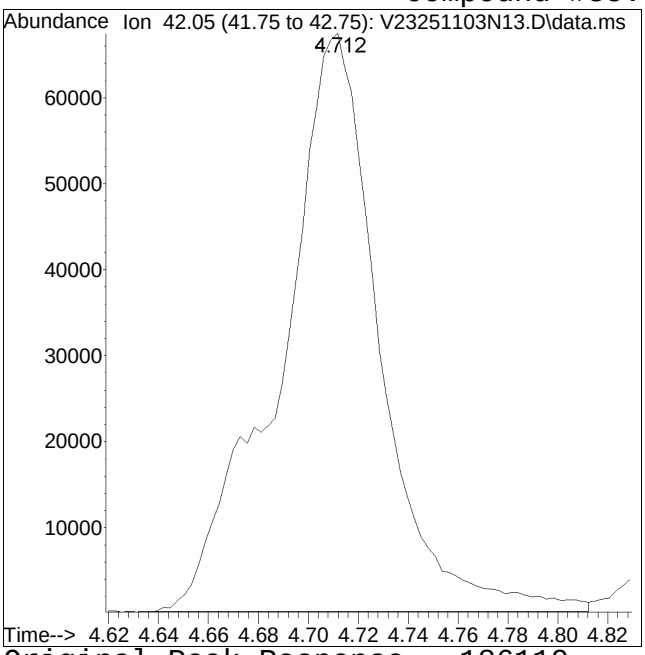


Original Peak Response = 80651 Manual Peak Response = 88254 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

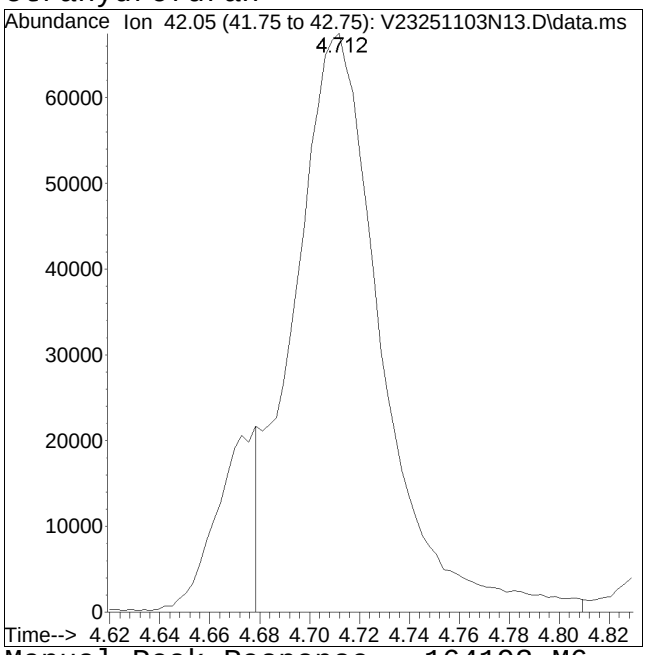
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N13.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 12:11 am Instrument : VOA123
Sample : I8260STD300PPB Quant Date : 11/4/2025 12:15 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 186110



Manual Peak Response = 164193 M6

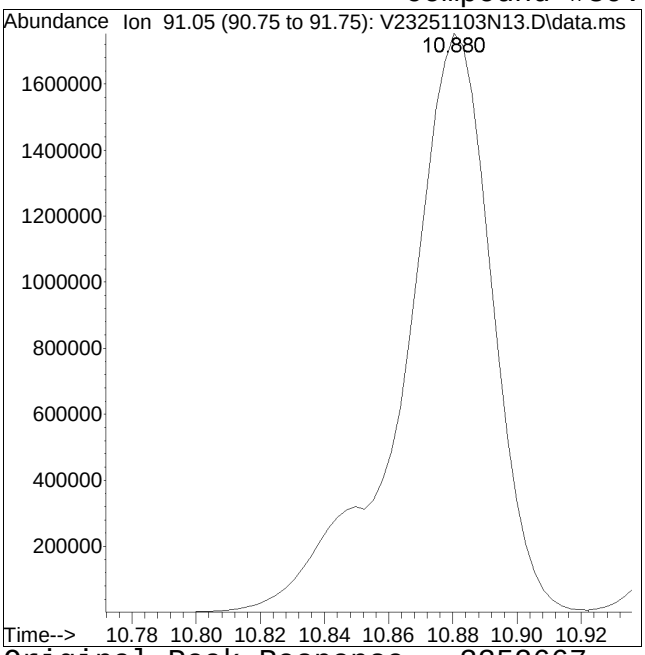
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

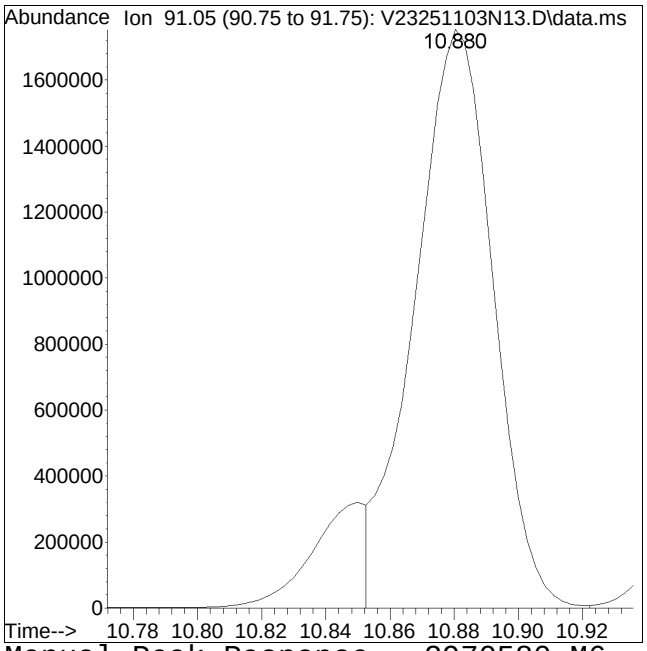
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N13.D
Date Inj'd : 11/4/2025 12:11 am
Sample : I8260STD300PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:15 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 3352667



Manual Peak Response = 2970580 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N16.D
Acq On : 04 Nov 2025 01:29 am
Operator : VOA123:AJK
Sample : C8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 04 12:38:33 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.520	96	195469	20.000	ug/L	0.00
Standard Area 1 = 201320			Recovery = 97.09%			
59) Chlorobenzene-d5	8.989	117	141227	20.000	ug/L	0.00
Standard Area 1 = 146207			Recovery = 96.59%			
79) 1,4-Dichlorobenzene-d4	11.800	152	76775	20.000	ug/L	0.00
Standard Area 1 = 79326			Recovery = 96.78%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.737	113	50629	20.563	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.81%			
43) 1,2-Dichloroethane-d4	5.239	65	49500	19.641	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.20%			
60) Toluene-d8	7.174	98	190486	19.945	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.72%			
83) 4-Bromofluorobenzene	10.537	95	68862	20.062	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.31%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	121222M1	56.304	ug/L	
3) Chloromethane	1.661	50	109606	46.806	ug/L	99
4) Vinyl chloride	1.692	62	123491M1	48.584	ug/L	
5) Bromomethane	1.962	94	85171	52.387	ug/L	99
6) Chloroethane	2.071	64	78440	44.527	ug/L	97
7) Trichlorofluoromethane	2.191	101	183671M1	47.772	ug/L	
8) Ethyl ether	2.453	74	52355	40.724	ug/L	93
10) 1,1-Dichloroethene	2.628	96	86508	42.529	ug/L	94
11) Carbon disulfide	2.656	76	308524	41.171	ug/L	99
12) Freon-113	2.665	101	92990	45.058	ug/L	97
14) Acrolein	2.919	56	11331M1	44.229	ug/L	
15) Methylene chloride	3.130	84	105504	39.956	ug/L	93
17) Acetone	3.170	43	19462M1	28.998	ug/L	
18) trans-1,2-Dichloroethene	3.275	96	100449	42.242	ug/L	95
19) Methyl acetate	3.281	43	42281	41.550	ug/L #	90
20) Methyl tert-butyl ether	3.365	73	258421	38.110	ug/L	95
21) tert-Butyl alcohol	3.448	59	38774	208.648	ug/L	96
22) Diisopropyl ether	3.705	45	291971	39.851	ug/L	95
23) 1,1-Dichloroethane	3.819	63	186559	42.663	ug/L	99
24) Halothane	3.872	117	74206	41.901	ug/L	100
25) Acrylonitrile	3.867	53	21339	40.487	ug/L #	90

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N16.D
Acq On : 04 Nov 2025 01:29 am
Operator : VOA123:AJK
Sample : C8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 04 12:38:33 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.034	59	304160	40.966	ug/L		92
27) Vinyl acetate	4.045	43	202593	40.060	ug/L		95
28) cis-1,2-Dichloroethene	4.313	96	109610	40.219	ug/L		96
29) 2,2-Dichloropropane	4.410	77	149508	41.541	ug/L		92
30) Bromochloromethane	4.494	128	49800	40.916	ug/L		98
31) Cyclohexane	4.503	56	149034	40.892	ug/L		97
32) Chloroform	4.567	83	193041	36.094	ug/L		97
33) Ethyl acetate	4.675	43	70613	41.276	ug/L		99
34) Carbon tetrachloride	4.698	117	146866	42.386	ug/L		98
35) Tetrahydrofuran	4.714	42	21600M1	39.865	ug/L		
37) 1,1,1-Trichloroethane	4.756	97	164502	44.488	ug/L		97
39) 2-Butanone	4.848	43	30521	41.114	ug/L	#	86
40) 1,1-Dichloropropene	4.876	75	134978	46.886	ug/L		100
41) Benzene	5.110	78	391757	42.993	ug/L		97
42) tert-Amyl methyl ether	5.222	73	262409	39.827	ug/L		96
44) 1,2-Dichloroethane	5.306	62	138217	41.583	ug/L		98
47) Methyl cyclohexane	5.682	83	160279	40.721	ug/L		95
48) Trichloroethene	5.696	95	108351	43.319	ug/L		98
50) Dibromomethane	6.117	93	60910	40.985	ug/L		99
51) 1,2-Dichloropropane	6.218	63	105880	42.211	ug/L		99
53) 2-Chloroethyl vinyl ether	6.909	63	43190	41.680	ug/L		91
54) Bromodichloromethane	6.293	83	145777	41.392	ug/L		100
57) 1,4-Dioxane	6.505	88	33306M1	2289.743	ug/L		
58) cis-1,3-Dichloropropene	6.970	75	166343	42.932	ug/L	#	91
61) Toluene	7.230	92	252122	41.995	ug/L		100
62) 4-Methyl-2-pentanone	7.665	58	29122	45.560	ug/L		88
63) Tetrachloroethene	7.673	166	111203	43.060	ug/L		97
65) trans-1,3-Dichloropropene	7.709	75	147261	43.547	ug/L		99
67) Ethyl methacrylate	7.910	69	109326	42.879	ug/L		92
68) 1,1,2-Trichloroethane	7.891	83	70768	41.041	ug/L		99
69) Chlorodibromomethane	8.094	129	112016	45.221	ug/L		98
70) 1,3-Dichloropropane	8.206	76	142796	41.943	ug/L		100
71) 1,2-Dibromoethane	8.359	107	84915	44.365	ug/L		99
72) 2-Hexanone	8.663	43	49611	43.239	ug/L		91
73) Chlorobenzene	9.012	112	291055	42.422	ug/L		88
74) Ethylbenzene	9.054	91	489845	41.217	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.093	131	107450	42.861	ug/L		99
76) p/m Xylene	9.240	106	380708	85.676	ug/L		99
77) o Xylene	9.784	106	367411	81.927	ug/L		98
78) Styrene	9.854	104	627515	83.042	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N16.D
Acq On : 04 Nov 2025 01:29 am
Operator : VOA123:AJK
Sample : C8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 04 12:38:33 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.868	173	69118	41.475	ug/L	100
82) Isopropylbenzene	10.197	105	478845	41.607	ug/L	100
84) Bromobenzene	10.649	156	128191	41.319	ug/L	100
85) n-Propylbenzene	10.707	91	579715	42.313	ug/L	99
86) 1,4-Dichlorobutane	10.718	55	143117	40.933	ug/L	94
87) 1,1,2,2-Tetrachloroethane	10.802	83	103951	41.045	ug/L	100
88) 4-Ethyltoluene	10.844	105	480297	42.127	ug/L	99
89) 2-Chlorotoluene	10.877	91	397347	46.447	ug/L	94
90) 1,3,5-Trimethylbenzene	10.950	105	417265	41.258	ug/L	99
91) 1,2,3-Trichloropropane	10.939	75	82347	41.128	ug/L	98
92) trans-1,4-Dichloro-2-b...	11.003	53	29944	42.320	ug/L	83
93) 4-Chlorotoluene	11.073	91	359382	41.336	ug/L	99
94) tert-Butylbenzene	11.301	119	356663	42.120	ug/L	98
97) 1,2,4-Trimethylbenzene	11.385	105	434539	43.228	ug/L	99
98) sec-Butylbenzene	11.499	105	529556	41.804	ug/L	99
99) p-Isopropyltoluene	11.664	119	459575	41.890	ug/L	98
100) 1,3-Dichlorobenzene	11.720	146	243620	41.534	ug/L	99
101) 1,4-Dichlorobenzene	11.817	146	244242	40.642	ug/L	100
102) p-Diethylbenzene	12.049	119	259125	39.892	ug/L	99
103) n-Butylbenzene	12.107	91	424267	43.110	ug/L	99
104) 1,2-Dichlorobenzene	12.249	146	227859	41.443	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.860	119	439207	41.526	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.047	155	16589	42.811	ug/L	99
107) 1,3,5-Trichlorobenzene	13.083	180	176389	39.059	ug/L	99
108) Hexachlorobutadiene	13.672	225	93362	41.507	ug/L	99
109) 1,2,4-Trichlorobenzene	13.688	180	163838	41.349	ug/L	99
110) Naphthalene	13.978	128	324155	42.688	ug/L	100
111) 1,2,3-Trichlorobenzene	14.149	180	144704	42.651	ug/L	98

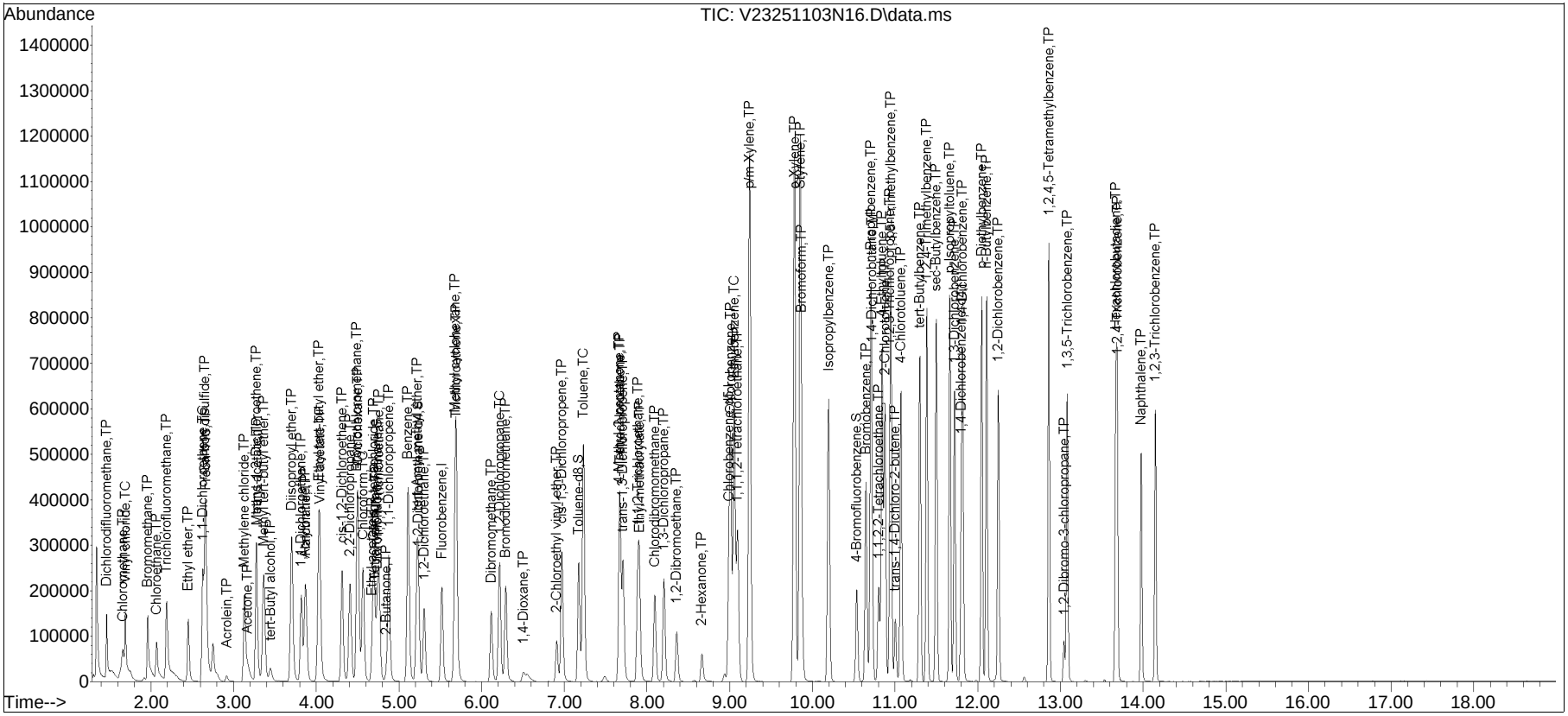
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N16.D
Acq On : 04 Nov 2025 01:29 am
Operator : VOA123:AJK
Sample : C8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 04 12:38:33 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

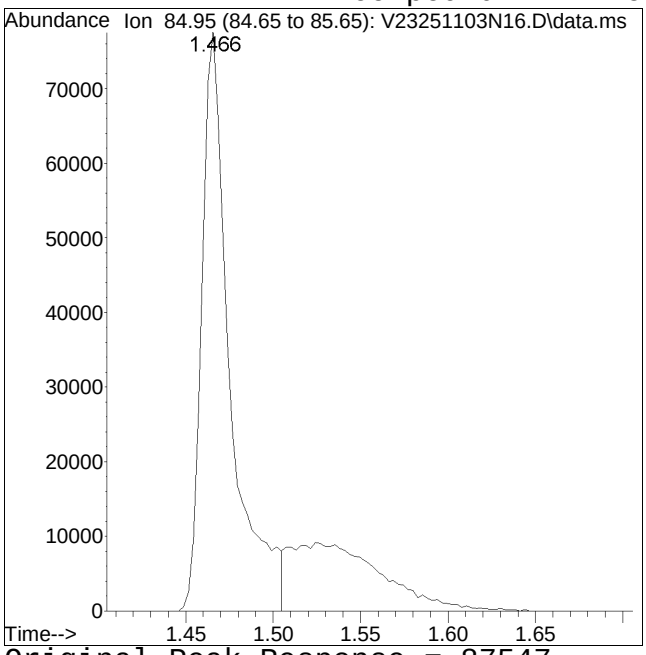
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•

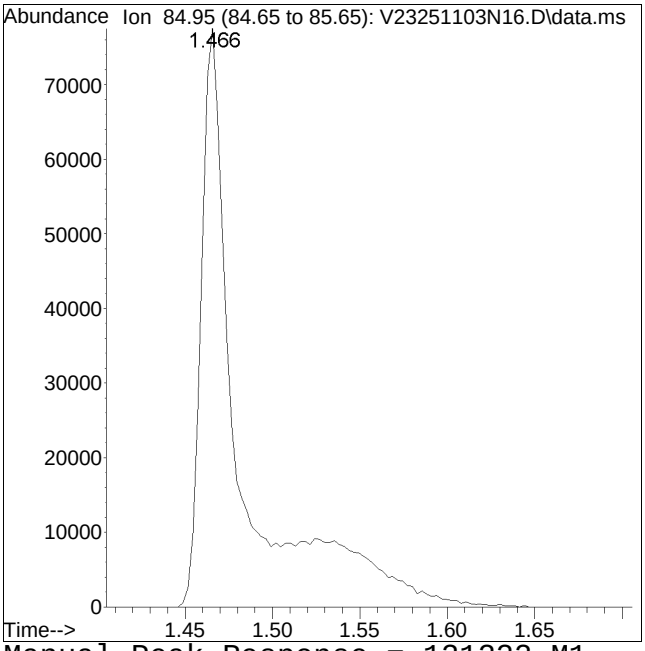


Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N16.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 1:29 am Instrument : VOA123
Sample : C8260STD40PPB Quant Date : 11/4/2025 12:37 pm

Compound #2: Dichlorodifluoromethane



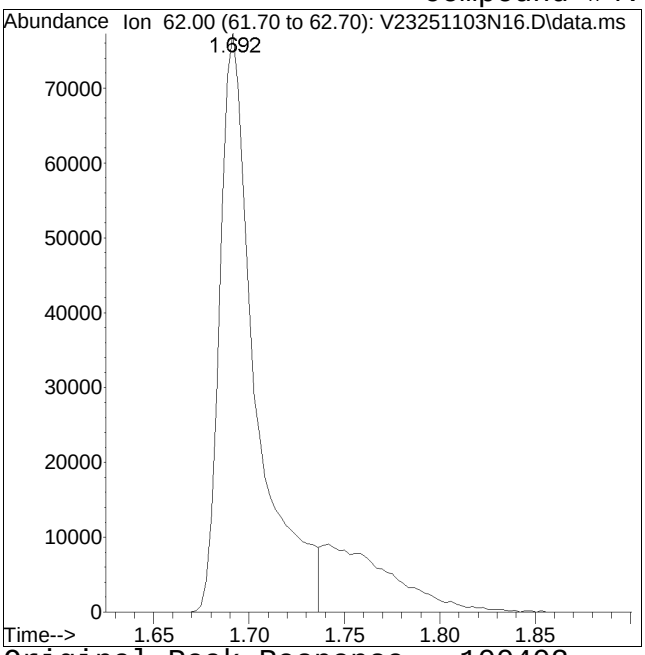


Original Peak Response = 87547 Manual Peak Response = 121222 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

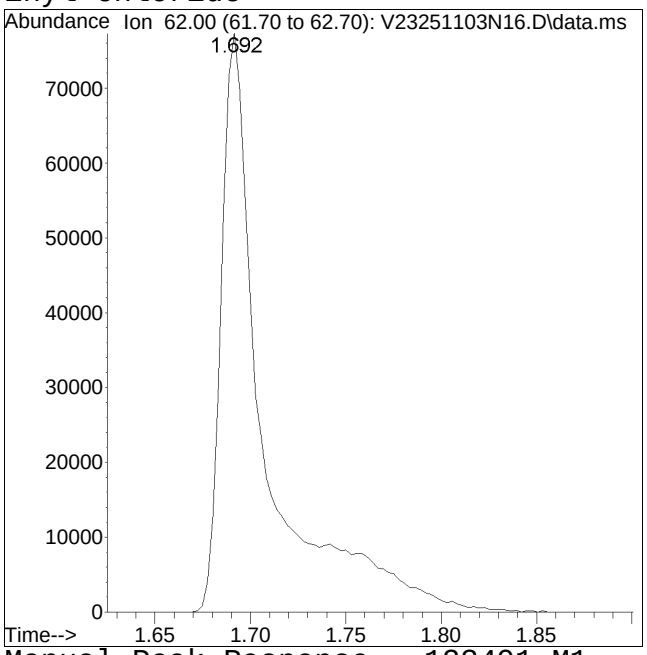
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N16.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 1:29 am Instrument : VOA123
Sample : C8260STD40PPB Quant Date : 11/4/2025 12:37 pm

Compound #4: Vinyl chloride



Original Peak Response = 100402



Manual Peak Response = 123491 M1

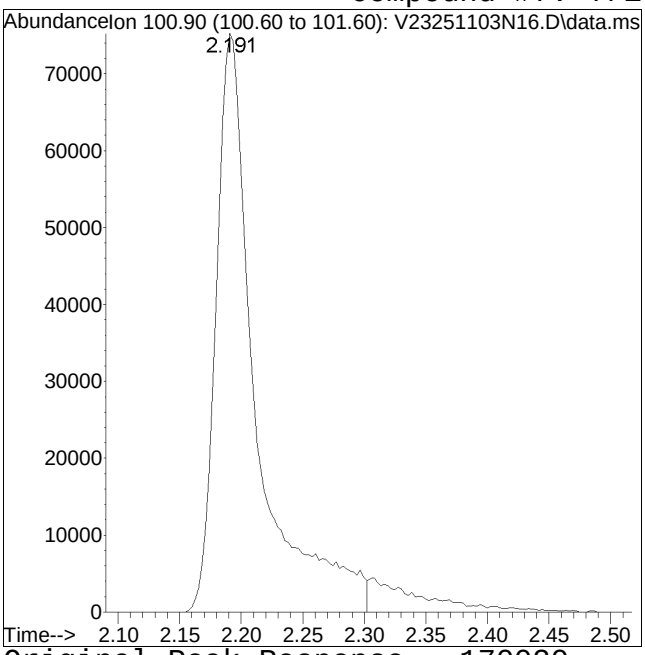
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

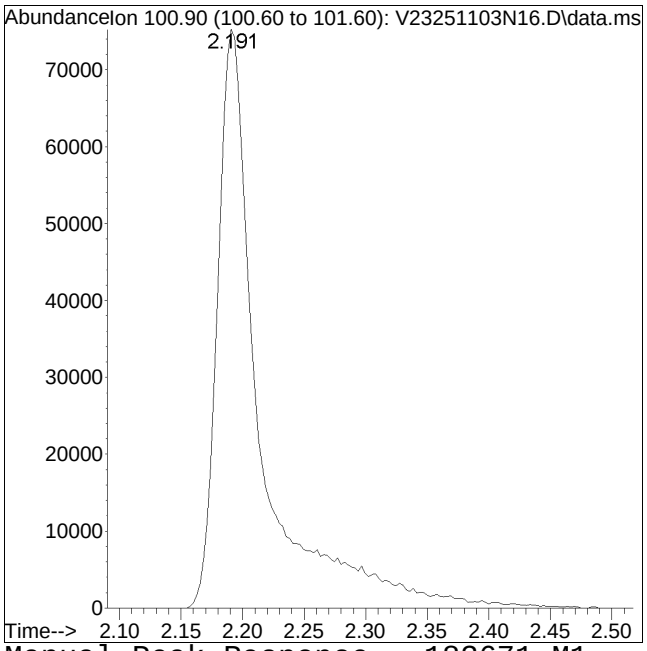
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N16.D
Date Inj'd : 11/4/2025 1:29 am
Sample : C8260STD40PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:37 pm

Compound #7: Trichlorofluoromethane



Original Peak Response = 170020



Manual Peak Response = 183671 M1

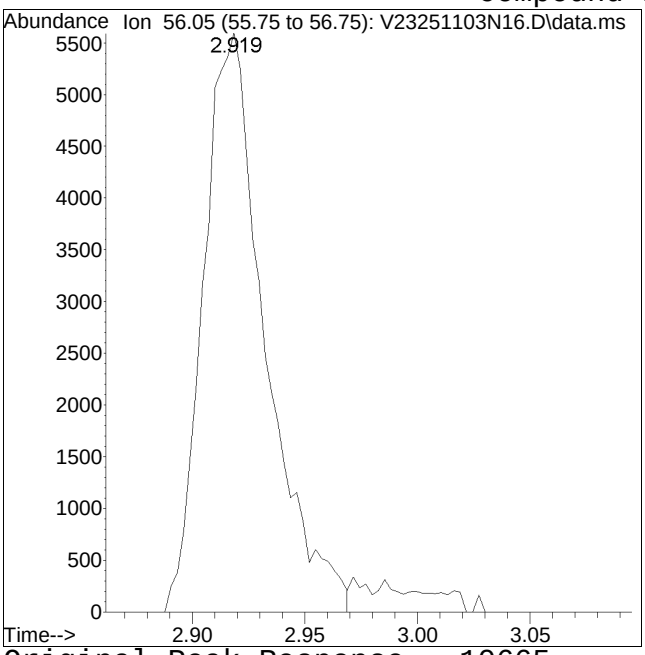
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

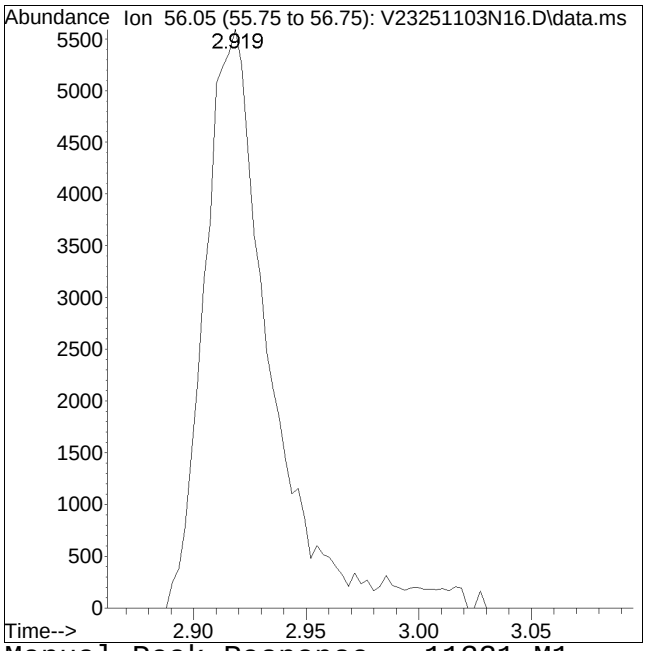
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N16.D
Date Inj'd : 11/4/2025 1:29 am
Sample : C8260STD40PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:37 pm

Compound #14: Acrolein



Original Peak Response = 10665



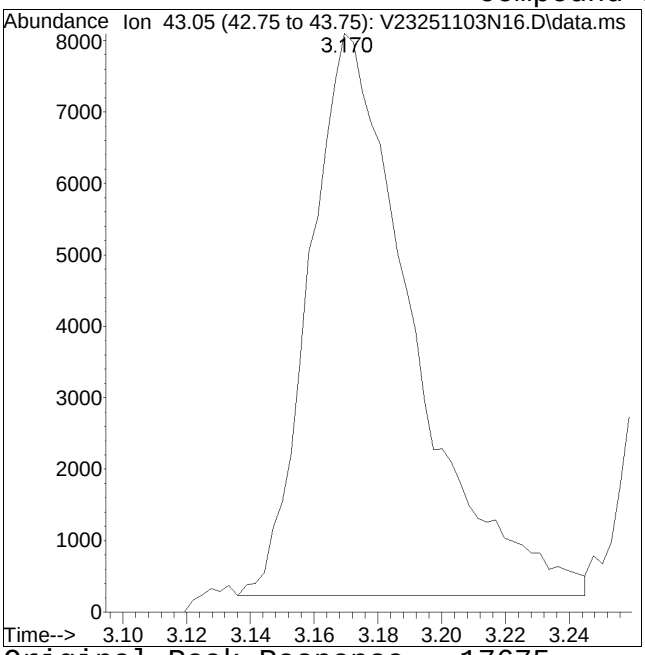
Manual Peak Response = 11331 M1

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

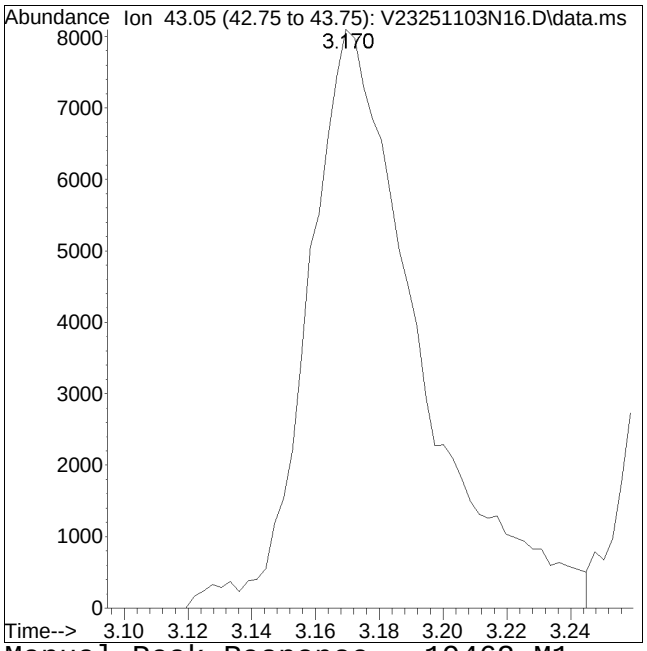
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N16.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 1:29 am Instrument : VOA123
Sample : C8260STD40PPB Quant Date : 11/4/2025 12:37 pm

Compound #17: Acetone



Original Peak Response = 17675



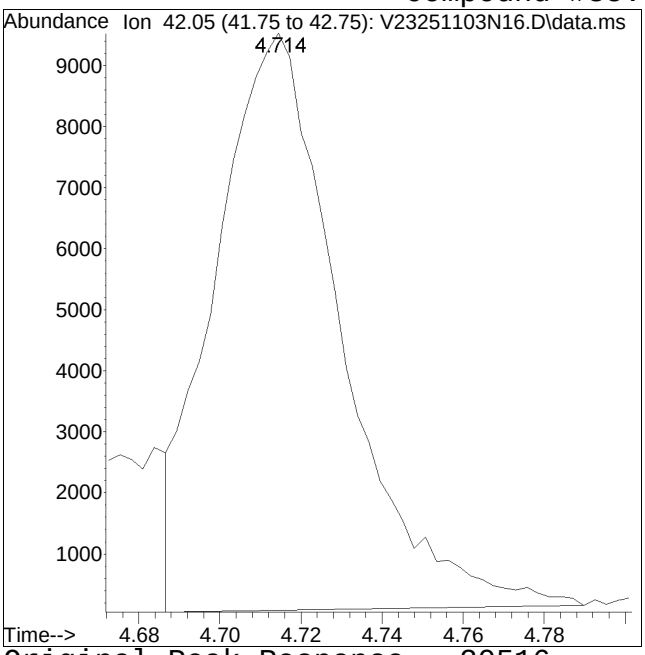
Manual Peak Response = 19462 M1

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

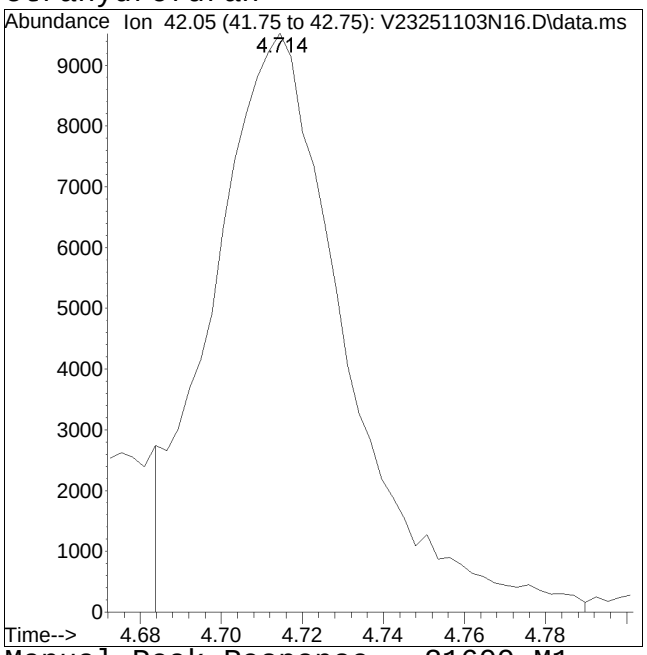
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N16.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 1:29 am Instrument : VOA123
Sample : C8260STD40PPB Quant Date : 11/4/2025 12:37 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 20516



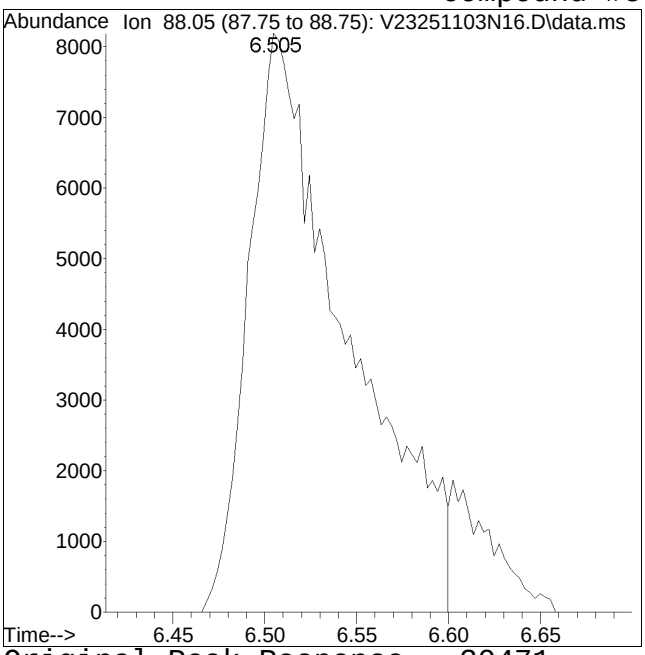
Manual Peak Response = 21600 M1

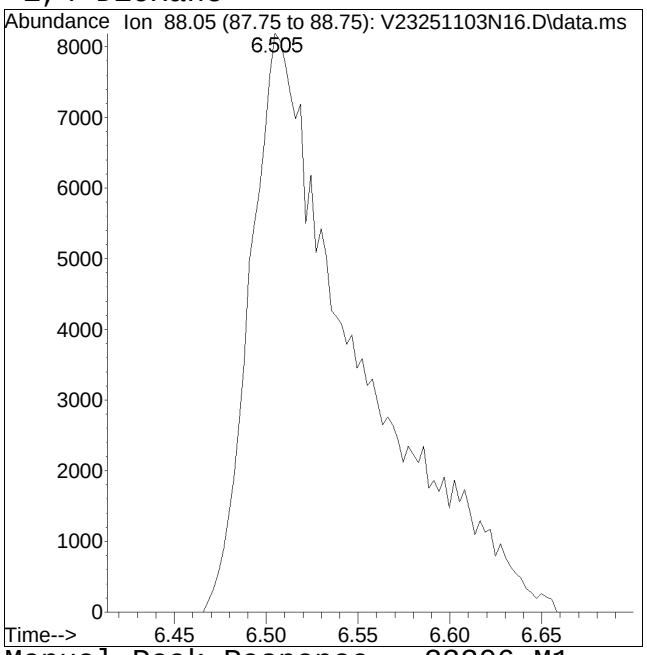
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N16.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 1:29 am Instrument : VOA123
Sample : C8260STD40PPB Quant Date : 11/4/2025 12:37 pm

Compound #57: 1,4-Dioxane





Original Peak Response = 30471 Manual Peak Response = 33306 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Evaluate Relative Error Report VOA123

Method Path : K:\VOA123\2025\251103NICAL\
Method File : V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
17	TP Acetone	L	ug/L	40.0	40.248	0.6	4.00	4.138	3.4

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
17	TP Acetone	Linear	0.999684	0.000000	0.0564875	0.0176634

Continuing Calibration

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2574764	
Project Name	: 545-547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391-001-003-01	
Instrument ID	: VOA123		Calibration Date	: 11/29/25 10:17	
Lab File ID	: V23251129A02		Init. Calib. Date(s)	: 11/03/25	11/04/25
Sample No	: WG2148015-2		Init. Calib. Times	: 20:17	00:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	103	0
Dichlorodifluoromethane	0.22	0.299	-	-35.9*	20	136	0
Chloromethane	0.24	0.295	-	-22.9*	20	124	0
Vinyl chloride	0.26	0.356	-	-36.9*	20	135	0
Bromomethane	0.166	0.282	-	-69.9*	20	176	0
Chloroethane	0.18	0.242	-	-34.4*	20	137	0
Trichlorofluoromethane	0.393	0.54	-	-37.4*	20	138	0
Ethyl ether	0.132	0.147	-	-11.4	20	111	0
1,1-Dichloroethene	0.208	0.25	-	-20.2*	20	121	0
Carbon disulfide	0.767	0.871	-	-13.6	20	122	0
Methylene chloride	0.27	0.286	-	-5.9	20	109	0
Acetone	40	54.718	-	-36.8*	20	135	0
trans-1,2-Dichloroethene	0.243	0.288	-	-18.5	20	116	0
Methyl tert-butyl ether	0.694	0.74	-	-6.6	20	106	0
1,1-Dichloroethane	0.447	0.517	-	-15.7	20	114	0
Acrylonitrile	0.054	0.058	-	-7.4	20	109	0
Vinyl acetate	0.517	0.544	-	-5.2	20	103	0
cis-1,2-Dichloroethene	0.279	0.312	-	-11.8	20	111	0
2,2-Dichloropropane	0.368	0.445	-	-20.9*	20	120	0
Bromochloromethane	0.125	0.138	-	-10.4	20	108	0
Chloroform	0.547	0.519	-	5.1	20	108	0
Carbon tetrachloride	0.355	0.421	-	-18.6	20	118	0
Dibromofluoromethane	0.252	0.246	-	2.4	20	99	0
1,1,1-Trichloroethane	0.378	0.475	-	-25.7*	20	120	0
2-Butanone	0.076	0.073	-	3.9	20	106	0
1,1-Dichloropropene	0.295	0.385	-	-30.5*	20	126	0
Benzene	0.932	1.1	-	-18	20	114	0
1,2-Dichloroethane-d4	0.258	0.241	-	6.6	20	97	0
1,2-Dichloroethane	0.34	0.371	-	-9.1	20	109	0
Trichloroethene	0.256	0.312	-	-21.9*	20	118	0
Dibromomethane	0.152	0.161	-	-5.9	20	104	0
1,2-Dichloropropane	0.257	0.286	-	-11.3	20	111	0
Bromodichloromethane	0.36	0.401	-	-11.4	20	107	0
1,4-Dioxane	0.00149	0.00163*	-	-9.4	20	103	0
cis-1,3-Dichloropropene	0.396	0.451	-	-13.9	20	106	0
Chlorobenzene-d5	1	1	-	0	20	106	0
Toluene-d8	1.353	1.272	-	6	20	100	0
Toluene	0.85	0.945	-	-11.2	20	114	0
4-Methyl-2-pentanone	0.091	0.095	-	-4.4	20	101	0
Tetrachloroethene	0.366	0.457	-	-24.9*	20	123	0
trans-1,3-Dichloropropene	0.479	0.523	-	-9.2	20	106	0
Ethyl methacrylate	0.361	0.359	-	0.6	20	97	0
1,1,2-Trichloroethane	0.244	0.256	-	-4.9	20	107	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2574764	
Project Name	: 545-547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391-001-003-01	
Instrument ID	: VOA123		Calibration Date	: 11/29/25 10:17	
Lab File ID	: V23251129A02		Init. Calib. Date(s)	: 11/03/25	11/04/25
Sample No	: WG2148015-2		Init. Calib. Times	: 20:17	00:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Chlorodibromomethane	0.351	0.389	-	-10.8	20	107	0
1,3-Dichloropropane	0.482	0.515	-	-6.8	20	108	0
1,2-Dibromoethane	0.271	0.3	-	-10.7	20	105	0
2-Hexanone	0.162	0.149	-	8	20	98	0
Chlorobenzene	0.972	1.085	-	-11.6	20	112	0
Ethylbenzene	1.683	1.879	-	-11.6	20	116	0
1,1,1,2-Tetrachloroethane	0.355	0.399	-	-12.4	20	109	0
p/m Xylene	0.629	0.734	-	-16.7	20	116	0
o Xylene	0.635	0.706	-	-11.2	20	112	0
Styrene	1.07	1.183	-	-10.6	20	110	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	109	0
Bromoform	0.434	0.457	-	-5.3	20	109	0
Isopropylbenzene	2.998	3.428	-	-14.3	20	119	0
4-Bromofluorobenzene	0.894	0.831	-	7	20	101	0
Bromobenzene	0.808	0.862	-	-6.7	20	111	0
n-Propylbenzene	3.569	4.1	-	-14.9	20	119	0
1,4-Dichlorobutane	0.911	0.95	-	-4.3	20	111	0
1,1,2,2-Tetrachloroethane	0.66	0.685	-	-3.8	20	108	0
4-Ethyltoluene	2.97	3.398	-	-14.4	20	118	0
2-Chlorotoluene	2.229	2.413	-	-8.3	20	114	0
1,3,5-Trimethylbenzene	2.635	2.944	-	-11.7	20	116	0
1,2,3-Trichloropropane	0.522	0.523	-	-0.2	20	107	0
trans-1,4-Dichloro-2-buten	0.184	0.181	-	1.6	20	104	0
4-Chlorotoluene	2.265	2.452	-	-8.3	20	112	0
tert-Butylbenzene	2.206	2.516	-	-14.1	20	118	0
1,2,4-Trimethylbenzene	2.619	2.894	-	-10.5	20	114	0
sec-Butylbenzene	3.3	3.826	-	-15.9	20	120	0
p-Isopropyltoluene	2.858	3.317	-	-16.1	20	119	0
1,3-Dichlorobenzene	1.528	1.704	-	-11.5	20	115	0
1,4-Dichlorobenzene	1.565	1.704	-	-8.9	20	114	0
p-Diethylbenzene	1.692	1.966	-	-16.2	20	119	0
n-Butylbenzene	2.564	3.128	-	-22*	20	125	0
1,2-Dichlorobenzene	1.432	1.566	-	-9.4	20	112	0
1,2,4,5-Tetramethylbenzene	2.755	3.072	-	-11.5	20	114	0
1,2-Dibromo-3-chloropropan	0.101	0.1	-	1	20	104	0
Hexachlorobutadiene	0.586	0.702	-	-19.8	20	124	0
1,2,4-Trichlorobenzene	1.032	1.193	-	-15.6	20	117	0
Naphthalene	1.978	2.071	-	-4.7	20	108	0
1,2,3-Trichlorobenzene	0.884	1.004	-	-13.6	20	114	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2574764	
Project Name	: 545-547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391-001-003-01	
Instrument ID	: VOA123		Calibration Date	: 11/29/25 10:17	
Lab File ID	: V23251129A02		Init. Calib. Date(s)	: 11/03/25	11/04/25
Sample No	: WG2148016-2		Init. Calib. Times	: 20:17	00:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	103	0
Dichlorodifluoromethane	0.22	0.299	-	-35.9*	20	136	0
Chloromethane	0.24	0.295	-	-22.9*	20	124	0
Vinyl chloride	0.26	0.356	-	-36.9*	20	135	0
Bromomethane	0.166	0.282	-	-69.9*	20	176	0
Chloroethane	0.18	0.242	-	-34.4*	20	137	0
Trichlorofluoromethane	0.393	0.54	-	-37.4*	20	138	0
Ethyl ether	0.132	0.147	-	-11.4	20	111	0
1,1-Dichloroethene	0.208	0.25	-	-20.2*	20	121	0
Carbon disulfide	0.767	0.871	-	-13.6	20	122	0
Methylene chloride	0.27	0.286	-	-5.9	20	109	0
Acetone	40	54.718	-	-36.8*	20	135	0
trans-1,2-Dichloroethene	0.243	0.288	-	-18.5	20	116	0
Methyl tert-butyl ether	0.694	0.74	-	-6.6	20	106	0
1,1-Dichloroethane	0.447	0.517	-	-15.7	20	114	0
Acrylonitrile	0.054	0.058	-	-7.4	20	109	0
Vinyl acetate	0.517	0.544	-	-5.2	20	103	0
cis-1,2-Dichloroethene	0.279	0.312	-	-11.8	20	111	0
2,2-Dichloropropane	0.368	0.445	-	-20.9*	20	120	0
Bromochloromethane	0.125	0.138	-	-10.4	20	108	0
Chloroform	0.547	0.519	-	5.1	20	108	0
Carbon tetrachloride	0.355	0.421	-	-18.6	20	118	0
Dibromofluoromethane	0.252	0.246	-	2.4	20	99	0
1,1,1-Trichloroethane	0.378	0.475	-	-25.7*	20	120	0
2-Butanone	0.076	0.073	-	3.9	20	106	0
1,1-Dichloropropene	0.295	0.385	-	-30.5*	20	126	0
Benzene	0.932	1.1	-	-18	20	114	0
1,2-Dichloroethane-d4	0.258	0.241	-	6.6	20	97	0
1,2-Dichloroethane	0.34	0.371	-	-9.1	20	109	0
Trichloroethene	0.256	0.312	-	-21.9*	20	118	0
Dibromomethane	0.152	0.161	-	-5.9	20	104	0
1,2-Dichloropropane	0.257	0.286	-	-11.3	20	111	0
Bromodichloromethane	0.36	0.401	-	-11.4	20	107	0
1,4-Dioxane	0.00149	0.00163*	-	-9.4	20	103	0
cis-1,3-Dichloropropene	0.396	0.451	-	-13.9	20	106	0
Chlorobenzene-d5	1	1	-	0	20	106	0
Toluene-d8	1.353	1.272	-	6	20	100	0
Toluene	0.85	0.945	-	-11.2	20	114	0
4-Methyl-2-pentanone	0.091	0.095	-	-4.4	20	101	0
Tetrachloroethene	0.366	0.457	-	-24.9*	20	123	0
trans-1,3-Dichloropropene	0.479	0.523	-	-9.2	20	106	0
Ethyl methacrylate	0.361	0.359	-	0.6	20	97	0
1,1,2-Trichloroethane	0.244	0.256	-	-4.9	20	107	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2574764	
Project Name	: 545-547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391-001-003-01	
Instrument ID	: VOA123		Calibration Date	: 11/29/25 10:17	
Lab File ID	: V23251129A02		Init. Calib. Date(s)	: 11/03/25	11/04/25
Sample No	: WG2148016-2		Init. Calib. Times	: 20:17	00:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Chlorodibromomethane	0.351	0.389	-	-10.8	20	107	0
1,3-Dichloropropane	0.482	0.515	-	-6.8	20	108	0
1,2-Dibromoethane	0.271	0.3	-	-10.7	20	105	0
2-Hexanone	0.162	0.149	-	8	20	98	0
Chlorobenzene	0.972	1.085	-	-11.6	20	112	0
Ethylbenzene	1.683	1.879	-	-11.6	20	116	0
1,1,1,2-Tetrachloroethane	0.355	0.399	-	-12.4	20	109	0
p/m Xylene	0.629	0.734	-	-16.7	20	116	0
o Xylene	0.635	0.706	-	-11.2	20	112	0
Styrene	1.07	1.183	-	-10.6	20	110	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	109	0
Bromoform	0.434	0.457	-	-5.3	20	109	0
Isopropylbenzene	2.998	3.428	-	-14.3	20	119	0
4-Bromofluorobenzene	0.894	0.831	-	7	20	101	0
Bromobenzene	0.808	0.862	-	-6.7	20	111	0
n-Propylbenzene	3.569	4.1	-	-14.9	20	119	0
1,4-Dichlorobutane	0.911	0.95	-	-4.3	20	111	0
1,1,2,2-Tetrachloroethane	0.66	0.685	-	-3.8	20	108	0
4-Ethyltoluene	2.97	3.398	-	-14.4	20	118	0
2-Chlorotoluene	2.229	2.413	-	-8.3	20	114	0
1,3,5-Trimethylbenzene	2.635	2.944	-	-11.7	20	116	0
1,2,3-Trichloropropane	0.522	0.523	-	-0.2	20	107	0
trans-1,4-Dichloro-2-buten	0.184	0.181	-	1.6	20	104	0
4-Chlorotoluene	2.265	2.452	-	-8.3	20	112	0
tert-Butylbenzene	2.206	2.516	-	-14.1	20	118	0
1,2,4-Trimethylbenzene	2.619	2.894	-	-10.5	20	114	0
sec-Butylbenzene	3.3	3.826	-	-15.9	20	120	0
p-Isopropyltoluene	2.858	3.317	-	-16.1	20	119	0
1,3-Dichlorobenzene	1.528	1.704	-	-11.5	20	115	0
1,4-Dichlorobenzene	1.565	1.704	-	-8.9	20	114	0
p-Diethylbenzene	1.692	1.966	-	-16.2	20	119	0
n-Butylbenzene	2.564	3.128	-	-22*	20	125	0
1,2-Dichlorobenzene	1.432	1.566	-	-9.4	20	112	0
1,2,4,5-Tetramethylbenzene	2.755	3.072	-	-11.5	20	114	0
1,2-Dibromo-3-chloropropan	0.101	0.1	-	1	20	104	0
Hexachlorobutadiene	0.586	0.702	-	-19.8	20	124	0
1,2,4-Trichlorobenzene	1.032	1.193	-	-15.6	20	117	0
Naphthalene	1.978	2.071	-	-4.7	20	108	0
1,2,3-Trichlorobenzene	0.884	1.004	-	-13.6	20	114	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2574764	
Project Name	: 545-547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391-001-003-01	
Instrument ID	: VOA123		Calibration Date	: 11/30/25 16:39	
Lab File ID	: V23251130A01		Init. Calib. Date(s)	: 11/03/25	11/04/25
Sample No	: WG2147797-2		Init. Calib. Times	: 20:17	00:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	108	0
Dichlorodifluoromethane	0.22	0.287	-	-30.5*	20	137	0
Chloromethane	0.24	0.291	-	-21.2*	20	128	0
Vinyl chloride	0.26	0.351	-	-35*	20	139	0
Bromomethane	0.166	0.283	-	-70.5*	20	186	0
Chloroethane	0.18	0.235	-	-30.6*	20	140	0
Trichlorofluoromethane	0.393	0.513	-	-30.5*	20	138	0
Ethyl ether	0.132	0.148	-	-12.1	20	117	0
1,1-Dichloroethene	0.208	0.247	-	-18.8	20	125	0
Carbon disulfide	0.767	0.85	-	-10.8	20	125	0
Freon-113	0.211	0.265	-	-25.6*	20	132	0
Acrolein	0.026	0.027	-	-3.8	20	113	0
Methylene chloride	0.27	0.283	-	-4.8	20	113	0
Acetone	40	60.753	-	-51.9*	20	156	0
trans-1,2-Dichloroethene	0.243	0.283	-	-16.5	20	120	0
Methyl acetate	0.104	0.115	-	-10.6	20	115	0
Methyl tert-butyl ether	0.694	0.75	-	-8.1	20	113	0
tert-Butyl alcohol	0.019	0.021	-	-10.5	20	111	0
Diisopropyl ether	0.75	0.834	-	-11.2	20	117	0
1,1-Dichloroethane	0.447	0.512	-	-14.5	20	119	0
Halothane	0.181	0.212	-	-17.1	20	123	0
Acrylonitrile	0.054	0.061	-	-13	20	120	0
Ethyl tert-butyl ether	0.76	0.842	-	-10.8	20	116	0
Vinyl acetate	0.517	0.547	-	-5.8	20	109	0
cis-1,2-Dichloroethene	0.279	0.309	-	-10.8	20	115	0
2,2-Dichloropropane	0.368	0.441	-	-19.8	20	125	0
Bromochloromethane	0.125	0.138	-	-10.4	20	113	0
Cyclohexane	0.373	0.465	-	-24.7*	20	131	0
Chloroform	0.547	0.516	-	5.7	20	113	0
Ethyl acetate	0.175	0.187	-	-6.9	20	113	0
Carbon tetrachloride	0.355	0.41	-	-15.5	20	121	0
Tetrahydrofuran	0.055	0.058	-	-5.5	20	115	0
Dibromofluoromethane	0.252	0.25	-	0.8	20	106	0
1,1,1-Trichloroethane	0.378	0.463	-	-22.5*	20	123	0
2-Butanone	0.076	0.076	-	0	20	117	0
1,1-Dichloropropene	0.295	0.378	-	-28.1*	20	131	0
Benzene	0.932	1.072	-	-15	20	117	0
tert-Amyl methyl ether	0.674	0.72	-	-6.8	20	111	0
1,2-Dichloroethane-d4	0.258	0.241	-	6.6	20	102	0
1,2-Dichloroethane	0.34	0.361	-	-6.2	20	111	0
Methyl cyclohexane	0.403	0.49	-	-21.6*	20	126	0
Trichloroethene	0.256	0.304	-	-18.7	20	121	0
Dibromomethane	0.152	0.158	-	-3.9	20	107	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2574764	
Project Name	: 545-547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391-001-003-01	
Instrument ID	: VOA123		Calibration Date	: 11/30/25 16:39	
Lab File ID	: V23251130A01		Init. Calib. Date(s)	: 11/03/25	11/04/25
Sample No	: WG2147797-2		Init. Calib. Times	: 20:17	00:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.257	0.279	-	-8.6	20	113	0
2-Chloroethyl vinyl ether	0.106	0.075	-	29.2*	20	68	0
Bromodichloromethane	0.36	0.392	-	-8.9	20	110	0
1,4-Dioxane	0.00149	0.00185*	-	-24.2*	20	123	.01
cis-1,3-Dichloropropene	0.396	0.44	-	-11.1	20	109	0
Chlorobenzene-d5	1	1	-	0	20	108	0
Toluene-d8	1.353	1.286	-	5	20	103	0
Toluene	0.85	0.942	-	-10.8	20	116	0
4-Methyl-2-pentanone	0.091	0.095	-	-4.4	20	104	0
Tetrachloroethene	0.366	0.458	-	-25.1*	20	126	0
trans-1,3-Dichloropropene	0.479	0.518	-	-8.1	20	107	0
Ethyl methacrylate	0.361	0.371	-	-2.8	20	102	0
1,1,2-Trichloroethane	0.244	0.256	-	-4.9	20	110	0
Chlorodibromomethane	0.351	0.387	-	-10.3	20	109	0
1,3-Dichloropropane	0.482	0.505	-	-4.8	20	109	0
1,2-Dibromoethane	0.271	0.301	-	-11.1	20	108	0
2-Hexanone	0.162	0.154	-	4.9	20	105	0
Chlorobenzene	0.972	1.078	-	-10.9	20	114	0
Ethylbenzene	1.683	1.861	-	-10.6	20	118	0
1,1,1,2-Tetrachloroethane	0.355	0.397	-	-11.8	20	111	0
p/m Xylene	0.629	0.727	-	-15.6	20	118	0
o Xylene	0.635	0.704	-	-10.9	20	114	0
Styrene	1.07	1.166	-	-9	20	110	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	112	0
Bromoform	0.434	0.435	-	-0.2	20	107	0
Isopropylbenzene	2.998	3.388	-	-13	20	120	0
4-Bromofluorobenzene	0.894	0.854	-	4.5	20	106	0
Bromobenzene	0.808	0.844	-	-4.5	20	112	0
n-Propylbenzene	3.569	3.981	-	-11.5	20	119	0
1,4-Dichlorobutane	0.911	0.908	-	0.3	20	109	0
1,1,2,2-Tetrachloroethane	0.66	0.667	-	-1.1	20	108	0
4-Ethyltoluene	2.97	3.334	-	-12.3	20	118	0
2-Chlorotoluene	2.229	2.411	-	-8.2	20	117	0
1,3,5-Trimethylbenzene	2.635	2.873	-	-9	20	116	0
1,2,3-Trichloropropane	0.522	0.515	-	1.3	20	108	0
trans-1,4-Dichloro-2-buten	0.184	0.185	-	-0.5	20	109	0
4-Chlorotoluene	2.265	2.404	-	-6.1	20	113	0
tert-Butylbenzene	2.206	2.461	-	-11.6	20	118	0
1,2,4-Trimethylbenzene	2.619	2.842	-	-8.5	20	115	0
sec-Butylbenzene	3.3	3.734	-	-13.2	20	120	0
p-Isopropyltoluene	2.858	3.244	-	-13.5	20	120	0
1,3-Dichlorobenzene	1.528	1.675	-	-9.6	20	116	0
1,4-Dichlorobenzene	1.565	1.665	-	-6.4	20	114	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		**Lab Number**	: L2574764	
Project Name	: 545-547 CONEY ISL./50 HINCKLEY		**Project Number**	: 0204391-001-003-01	
Instrument ID	: VOA123		**Calibration Date**	: 11/30/25 16:39	
Lab File ID	: V23251130A01		**Init. Calib. Date(s)**	: 11/03/25	11/04/25
Sample No	: WG2147797-2		**Init. Calib. Times**	: 20:17	00:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.692	1.951	-	-15.3	20	121	0
n-Butylbenzene	2.564	3.058	-	-19.3	20	125	0
1,2-Dichlorobenzene	1.432	1.526	-	-6.6	20	112	0
1,2,4,5-Tetramethylbenzene	2.755	3.042	-	-10.4	20	115	0
1,2-Dibromo-3-chloropropan	0.101	0.097	-	4	20	103	0
1,3,5-Trichlorobenzene	1.176	1.376	-	-17	20	124	0
Hexachlorobutadiene	0.586	0.695	-	-18.6	20	126	0
1,2,4-Trichlorobenzene	1.032	1.162	-	-12.6	20	117	0
Naphthalene	1.978	2.062	-	-4.2	20	110	0
1,2,3-Trichlorobenzene	0.884	0.962	-	-8.8	20	112	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2574764	
Project Name	: 545-547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391-001-003-01	
Instrument ID	: VOA123		Calibration Date	: 11/30/25 16:39	
Lab File ID	: V23251130A01		Init. Calib. Date(s)	: 11/03/25	11/04/25
Sample No	: WG2147799-2		Init. Calib. Times	: 20:17	00:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	108	0
Dichlorodifluoromethane	0.22	0.287	-	-30.5*	20	137	0
Chloromethane	0.24	0.291	-	-21.2*	20	128	0
Vinyl chloride	0.26	0.351	-	-35*	20	139	0
Bromomethane	0.166	0.283	-	-70.5*	20	186	0
Chloroethane	0.18	0.235	-	-30.6*	20	140	0
Trichlorofluoromethane	0.393	0.513	-	-30.5*	20	138	0
Ethyl ether	0.132	0.148	-	-12.1	20	117	0
1,1-Dichloroethene	0.208	0.247	-	-18.8	20	125	0
Carbon disulfide	0.767	0.85	-	-10.8	20	125	0
Freon-113	0.211	0.265	-	-25.6*	20	132	0
Acrolein	0.026	0.027	-	-3.8	20	113	0
Methylene chloride	0.27	0.283	-	-4.8	20	113	0
Acetone	40	60.753	-	-51.9*	20	156	0
trans-1,2-Dichloroethene	0.243	0.283	-	-16.5	20	120	0
Methyl acetate	0.104	0.115	-	-10.6	20	115	0
Methyl tert-butyl ether	0.694	0.75	-	-8.1	20	113	0
tert-Butyl alcohol	0.019	0.021	-	-10.5	20	111	0
Diisopropyl ether	0.75	0.834	-	-11.2	20	117	0
1,1-Dichloroethane	0.447	0.512	-	-14.5	20	119	0
Halothane	0.181	0.212	-	-17.1	20	123	0
Acrylonitrile	0.054	0.061	-	-13	20	120	0
Ethyl tert-butyl ether	0.76	0.842	-	-10.8	20	116	0
Vinyl acetate	0.517	0.547	-	-5.8	20	109	0
cis-1,2-Dichloroethene	0.279	0.309	-	-10.8	20	115	0
2,2-Dichloropropane	0.368	0.441	-	-19.8	20	125	0
Bromochloromethane	0.125	0.138	-	-10.4	20	113	0
Cyclohexane	0.373	0.465	-	-24.7*	20	131	0
Chloroform	0.547	0.516	-	5.7	20	113	0
Ethyl acetate	0.175	0.187	-	-6.9	20	113	0
Carbon tetrachloride	0.355	0.41	-	-15.5	20	121	0
Tetrahydrofuran	0.055	0.058	-	-5.5	20	115	0
Dibromofluoromethane	0.252	0.25	-	0.8	20	106	0
1,1,1-Trichloroethane	0.378	0.463	-	-22.5*	20	123	0
2-Butanone	0.076	0.076	-	0	20	117	0
1,1-Dichloropropene	0.295	0.378	-	-28.1*	20	131	0
Benzene	0.932	1.072	-	-15	20	117	0
tert-Amyl methyl ether	0.674	0.72	-	-6.8	20	111	0
1,2-Dichloroethane-d4	0.258	0.241	-	6.6	20	102	0
1,2-Dichloroethane	0.34	0.361	-	-6.2	20	111	0
Methyl cyclohexane	0.403	0.49	-	-21.6*	20	126	0
Trichloroethene	0.256	0.304	-	-18.7	20	121	0
Dibromomethane	0.152	0.158	-	-3.9	20	107	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2574764	
Project Name	: 545-547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391-001-003-01	
Instrument ID	: VOA123		Calibration Date	: 11/30/25 16:39	
Lab File ID	: V23251130A01		Init. Calib. Date(s)	: 11/03/25	11/04/25
Sample No	: WG2147799-2		Init. Calib. Times	: 20:17	00:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.257	0.279	-	-8.6	20	113	0
2-Chloroethyl vinyl ether	0.106	0.075	-	29.2*	20	68	0
Bromodichloromethane	0.36	0.392	-	-8.9	20	110	0
1,4-Dioxane	0.00149	0.00185*	-	-24.2*	20	123	.01
cis-1,3-Dichloropropene	0.396	0.44	-	-11.1	20	109	0
Chlorobenzene-d5	1	1	-	0	20	108	0
Toluene-d8	1.353	1.286	-	5	20	103	0
Toluene	0.85	0.942	-	-10.8	20	116	0
4-Methyl-2-pentanone	0.091	0.095	-	-4.4	20	104	0
Tetrachloroethene	0.366	0.458	-	-25.1*	20	126	0
trans-1,3-Dichloropropene	0.479	0.518	-	-8.1	20	107	0
Ethyl methacrylate	0.361	0.371	-	-2.8	20	102	0
1,1,2-Trichloroethane	0.244	0.256	-	-4.9	20	110	0
Chlorodibromomethane	0.351	0.387	-	-10.3	20	109	0
1,3-Dichloropropane	0.482	0.505	-	-4.8	20	109	0
1,2-Dibromoethane	0.271	0.301	-	-11.1	20	108	0
2-Hexanone	0.162	0.154	-	4.9	20	105	0
Chlorobenzene	0.972	1.078	-	-10.9	20	114	0
Ethylbenzene	1.683	1.861	-	-10.6	20	118	0
1,1,1,2-Tetrachloroethane	0.355	0.397	-	-11.8	20	111	0
p/m Xylene	0.629	0.727	-	-15.6	20	118	0
o Xylene	0.635	0.704	-	-10.9	20	114	0
Styrene	1.07	1.166	-	-9	20	110	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	112	0
Bromoform	0.434	0.435	-	-0.2	20	107	0
Isopropylbenzene	2.998	3.388	-	-13	20	120	0
4-Bromofluorobenzene	0.894	0.854	-	4.5	20	106	0
Bromobenzene	0.808	0.844	-	-4.5	20	112	0
n-Propylbenzene	3.569	3.981	-	-11.5	20	119	0
1,4-Dichlorobutane	0.911	0.908	-	0.3	20	109	0
1,1,2,2-Tetrachloroethane	0.66	0.667	-	-1.1	20	108	0
4-Ethyltoluene	2.97	3.334	-	-12.3	20	118	0
2-Chlorotoluene	2.229	2.411	-	-8.2	20	117	0
1,3,5-Trimethylbenzene	2.635	2.873	-	-9	20	116	0
1,2,3-Trichloropropane	0.522	0.515	-	1.3	20	108	0
trans-1,4-Dichloro-2-buten	0.184	0.185	-	-0.5	20	109	0
4-Chlorotoluene	2.265	2.404	-	-6.1	20	113	0
tert-Butylbenzene	2.206	2.461	-	-11.6	20	118	0
1,2,4-Trimethylbenzene	2.619	2.842	-	-8.5	20	115	0
sec-Butylbenzene	3.3	3.734	-	-13.2	20	120	0
p-Isopropyltoluene	2.858	3.244	-	-13.5	20	120	0
1,3-Dichlorobenzene	1.528	1.675	-	-9.6	20	116	0
1,4-Dichlorobenzene	1.565	1.665	-	-6.4	20	114	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		**Lab Number**	: L2574764	
Project Name	: 545-547 CONEY ISL./50 HINCKLEY		**Project Number**	: 0204391-001-003-01	
Instrument ID	: VOA123		**Calibration Date**	: 11/30/25 16:39	
Lab File ID	: V23251130A01		**Init. Calib. Date(s)**	: 11/03/25	11/04/25
Sample No	: WG2147799-2		**Init. Calib. Times**	: 20:17	00:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.692	1.951	-	-15.3	20	121	0
n-Butylbenzene	2.564	3.058	-	-19.3	20	125	0
1,2-Dichlorobenzene	1.432	1.526	-	-6.6	20	112	0
1,2,4,5-Tetramethylbenzene	2.755	3.042	-	-10.4	20	115	0
1,2-Dibromo-3-chloropropan	0.101	0.097	-	4	20	103	0
1,3,5-Trichlorobenzene	1.176	1.376	-	-17	20	124	0
Hexachlorobutadiene	0.586	0.695	-	-18.6	20	126	0
1,2,4-Trichlorobenzene	1.032	1.162	-	-12.6	20	117	0
Naphthalene	1.978	2.062	-	-4.2	20	110	0
1,2,3-Trichlorobenzene	0.884	0.962	-	-8.8	20	112	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148015-2
Misc : WG2148015,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	103	0.00
2	TP	Dichlorodifluoromethane	0.220	0.299	-35.9#	136	0.00
3	TP	Chloromethane	0.240	0.295	-22.9#	124	0.00
4	TC	Vinyl chloride	0.260	0.356	-36.9#	135	0.00
5	TP	Bromomethane	0.166	0.282	-69.9#	176	0.00
6	TP	Chloroethane	0.180	0.242	-34.4#	137	0.00
7	TP	Trichlorofluoromethane	0.393	0.540	-37.4#	138	0.00
8	TP	Ethyl ether	0.132	0.147	-11.4	111	0.00
10	TC	1,1-Dichloroethene	0.208	0.250	-20.2#	121	0.00
11	TP	Carbon disulfide	0.767	0.871	-13.6	122	0.00
15	TP	Methylene chloride	0.270	0.286	-5.9	109	0.00
17	TP	Acetone	* 40.000	54.718	-36.8#	135	0.00
18	TP	trans-1,2-Dichloroethene	0.243	0.288	-18.5	116	0.00
20	TP	Methyl tert-butyl ether	0.694	0.740	-6.6	106	0.00
23	TP	1,1-Dichloroethane	0.447	0.517	-15.7	114	0.00
25	TP	Acrylonitrile	0.054	0.058	-7.4	109	0.00
27	TP	Vinyl acetate	0.517	0.544	-5.2	103	0.00
28	TP	cis-1,2-Dichloroethene	0.279	0.312	-11.8	111	0.00
29	TP	2,2-Dichloropropane	0.368	0.445	-20.9#	120	0.00
30	TP	Bromochloromethane	0.125	0.138	-10.4	108	0.00
32	TC	Chloroform	0.547	0.519	5.1	108	0.00
34	TP	Carbon tetrachloride	0.355	0.421	-18.6	118	0.00
36	S	Dibromofluoromethane	0.252	0.246	2.4	99	0.00
37	TP	1,1,1-Trichloroethane	0.378	0.475	-25.7#	120	0.00
39	TP	2-Butanone	0.076	0.073	3.9	106	0.00
40	TP	1,1-Dichloropropene	0.295	0.385	-30.5#	126	0.00
41	TP	Benzene	0.932	1.100	-18.0	114	0.00
43	S	1,2-Dichloroethane-d4	0.258	0.241	6.6	97	0.00
44	TP	1,2-Dichloroethane	0.340	0.371	-9.1	109	0.00
48	TP	Trichloroethene	0.256	0.312	-21.9#	118	0.00
50	TP	Dibromomethane	0.152	0.161	-5.9	104	0.00
51	TC	1,2-Dichloropropane	0.257	0.286	-11.3	111	0.00
54	TP	Bromodichloromethane	0.360	0.401	-11.4	107	0.00
57	TP	1,4-Dioxane	0.00149	0.00163#	-9.4	103	0.00
58	TP	cis-1,3-Dichloropropene	0.396	0.451	-13.9	106	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
60	S	Toluene-d8	1.353	1.272	6.0	100	0.00
61	TC	Toluene	0.850	0.945	-11.2	114	0.00

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148015-2
Misc : WG2148015,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
62	TP	4-Methyl-2-pentanone	0.091	0.095	-4.4	101	0.00
63	TP	Tetrachloroethene	0.366	0.457	-24.9#	123	0.00
65	TP	trans-1,3-Dichloropropene	0.479	0.523	-9.2	106	0.00
67	TP	Ethyl methacrylate	0.361	0.359	0.6	97	0.00
68	TP	1,1,2-Trichloroethane	0.244	0.256	-4.9	107	0.00
69	TP	Chlorodibromomethane	0.351	0.389	-10.8	107	0.00
70	TP	1,3-Dichloropropane	0.482	0.515	-6.8	108	0.00
71	TP	1,2-Dibromoethane	0.271	0.300	-10.7	105	0.00
72	TP	2-Hexanone	0.162	0.149	8.0	98	0.00
73	TP	Chlorobenzene	0.972	1.085	-11.6	112	0.00
74	TC	Ethylbenzene	1.683	1.879	-11.6	116	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.355	0.399	-12.4	109	0.00
76	TP	p/m Xylene	0.629	0.734	-16.7	116	0.00
77	TP	o Xylene	0.635	0.706	-11.2	112	0.00
78	TP	Styrene	1.070	1.183	-10.6	110	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
80	TP	Bromoform	0.434	0.457	-5.3	109	0.00
82	TP	Isopropylbenzene	2.998	3.428	-14.3	119	0.00
83	S	4-Bromofluorobenzene	0.894	0.831	7.0	101	0.00
84	TP	Bromobenzene	0.808	0.862	-6.7	111	0.00
85	TP	n-Propylbenzene	3.569	4.100	-14.9	119	0.00
86	TP	1,4-Dichlorobutane	0.911	0.950	-4.3	111	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.660	0.685	-3.8	108	0.00
88	TP	4-Ethyltoluene	2.970	3.398	-14.4	118	0.00
89	TP	2-Chlorotoluene	2.229	2.413	-8.3	114	0.00
90	TP	1,3,5-Trimethylbenzene	2.635	2.944	-11.7	116	0.00
91	TP	1,2,3-Trichloropropane	0.522	0.523	-0.2	107	0.00
92	TP	trans-1,4-Dichloro-2-butene	0.184	0.181	1.6	104	0.00
93	TP	4-Chlorotoluene	2.265	2.452	-8.3	112	0.00
94	TP	tert-Butylbenzene	2.206	2.516	-14.1	118	0.00
97	TP	1,2,4-Trimethylbenzene	2.619	2.894	-10.5	114	0.00
98	TP	sec-Butylbenzene	3.300	3.826	-15.9	120	0.00
99	TP	p-Isopropyltoluene	2.858	3.317	-16.1	119	0.00
100	TP	1,3-Dichlorobenzene	1.528	1.704	-11.5	115	0.00
101	TP	1,4-Dichlorobenzene	1.565	1.704	-8.9	114	0.00
102	TP	p-Diethylbenzene	1.692	1.966	-16.2	119	0.00
103	TP	n-Butylbenzene	2.564	3.128	-22.0#	125	0.00
104	TP	1,2-Dichlorobenzene	1.432	1.566	-9.4	112	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148015-2
Misc : WG2148015,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
105 TP	1,2,4,5-Tetramethylbenzene	2.755	3.072	-11.5	114	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.101	0.100	1.0	104	0.00
108 TP	Hexachlorobutadiene	0.586	0.702	-19.8	124	0.00
109 TP	1,2,4-Trichlorobenzene	1.032	1.193	-15.6	117	0.00
110 TP	Naphthalene	1.978	2.071	-4.7	108	0.00
111 TP	1,2,3-Trichlorobenzene	0.884	1.004	-13.6	114	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 2

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148015-2
Misc : WG2148015,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.520	96	206936	20.000 ug/L	0.00
Standard Area 1 = 206936			Recovery = 100.00%		
59) Chlorobenzene-d5	8.992	117	154785	20.000 ug/L	0.00
Standard Area 1 = 154785			Recovery = 100.00%		
79) 1,4-Dichlorobenzene-d4	11.800	152	86212	20.000 ug/L	0.00
Standard Area 1 = 86212			Recovery = 100.00%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.734	113	50931	19.539 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.70%		
43) 1,2-Dichloroethane-d4	5.244	65	49864	18.689 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.44%		
60) Toluene-d8	7.174	98	196836	18.804 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.02%		
83) 4-Bromofluorobenzene	10.537	95	71679	18.597 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.99%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.468	85	123719M1	54.279 ug/L	
3) Chloromethane	1.666	50	122248	49.312 ug/L	99
4) Vinyl chloride	1.691	62	147391M1	54.774 ug/L	
5) Bromomethane	1.965	94	116685	67.794 ug/L	98
6) Chloroethane	2.071	64	100165	53.709 ug/L	97
7) Trichlorofluoromethane	2.193	101	223343	54.872 ug/L	91
8) Ethyl ether	2.453	74	61046	44.853 ug/L	91
10) 1,1-Dichloroethene	2.628	96	103323	47.981 ug/L	90
11) Carbon disulfide	2.656	76	360650	45.460 ug/L	97
15) Methylene chloride	3.130	84	118163	42.270 ug/L	90
17) Acetone	3.169	43	35636	54.718 ug/L	94
18) trans-1,2-Dichloroethene	3.278	96	119281	47.382 ug/L	96
20) Methyl tert-butyl ether	3.362	73	306072	42.636 ug/L	94
23) 1,1-Dichloroethane	3.819	63	214012	46.230 ug/L	100
25) Acrylonitrile	3.861	53	24056	43.113 ug/L #	91
27) Vinyl acetate	4.045	43	225038	42.033 ug/L	94
28) cis-1,2-Dichloroethene	4.310	96	129289	44.811 ug/L	96
29) 2,2-Dichloropropane	4.407	77	184173	48.338 ug/L	91
30) Bromochloromethane	4.497	128	57179	44.376 ug/L	97
32) Chloroform	4.564	83	214639	37.908 ug/L	96
34) Carbon tetrachloride	4.695	117	174278	47.510 ug/L	100

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148015-2
Misc : WG2148015,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
37) 1,1,1-Trichloroethane	4.756	97	196779	50.268	ug/L		98
39) 2-Butanone	4.848	43	30178	38.399	ug/L	#	66
40) 1,1-Dichloropropene	4.876	75	159213	52.239	ug/L		99
41) Benzene	5.110	78	455294	47.197	ug/L		96
44) 1,2-Dichloroethane	5.305	62	153592	43.649	ug/L		98
48) Trichloroethene	5.690	95	129000	48.717	ug/L		99
50) Dibromomethane	6.120	93	66818	42.469	ug/L		97
51) 1,2-Dichloropropane	6.217	63	118374	44.577	ug/L		99
54) Bromodichloromethane	6.293	83	166021	44.528	ug/L		99
57) 1,4-Dioxane	6.510	88	33634M1	2184.161	ug/L		
58) cis-1,3-Dichloropropene	6.970	75	186679	45.510	ug/L		93
61) Toluene	7.232	92	292568	44.463	ug/L		99
62) 4-Methyl-2-pentanone	7.667	58	29446	42.032	ug/L		87
63) Tetrachloroethene	7.676	166	141508	49.995	ug/L		98
65) trans-1,3-Dichloropropene	7.712	75	161946	43.695	ug/L		98
67) Ethyl methacrylate	7.910	69	111152	39.776	ug/L		87
68) 1,1,2-Trichloroethane	7.888	83	79391	42.009	ug/L		99
69) Chlorodibromomethane	8.094	129	120386	44.343	ug/L		98
70) 1,3-Dichloropropane	8.206	76	159425	42.726	ug/L		100
71) 1,2-Dibromoethane	8.362	107	92850	44.262	ug/L		99
72) 2-Hexanone	8.671	43	45976	36.561	ug/L		91
73) Chlorobenzene	9.012	112	335938	44.675	ug/L	#	86
74) Ethylbenzene	9.053	91	581804	44.667	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.098	131	123581	44.978	ug/L		99
76) p/m Xylene	9.243	106	454151	93.252	ug/L		99
77) o Xylene	9.781	106	437291	88.968	ug/L		98
78) Styrene	9.857	104	732510	88.446	ug/L		100
80) Bromoform	9.870	173	78778	42.097	ug/L		100
82) Isopropylbenzene	10.197	105	591085	45.737	ug/L		99
84) Bromobenzene	10.649	156	148596	42.653	ug/L		100
85) n-Propylbenzene	10.710	91	706978	45.954	ug/L		100
86) 1,4-Dichlorobutane	10.721	55	163872	41.739	ug/L		95
87) 1,1,2,2-Tetrachloroethane	10.802	83	118145	41.543	ug/L		99
88) 4-Ethyltoluene	10.844	105	585962	45.769	ug/L		100
89) 2-Chlorotoluene	10.877	91	416062	43.311	ug/L		99
90) 1,3,5-Trimethylbenzene	10.950	105	507552	44.692	ug/L		98
91) 1,2,3-Trichloropropane	10.941	75	90231	40.133	ug/L		97
92) trans-1,4-Dichloro-2-b...	11.008	53	31222	39.296	ug/L	#	81
93) 4-Chlorotoluene	11.072	91	422710	43.297	ug/L		98
94) tert-Butylbenzene	11.301	119	433885	45.630	ug/L		99

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148015-2
Misc : WG2148015,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.385	105	498910	44.199	ug/L	99
98) sec-Butylbenzene	11.499	105	659686	46.376	ug/L	100
99) p-Isopropyltoluene	11.664	119	571928	46.424	ug/L	99
100) 1,3-Dichlorobenzene	11.722	146	293868	44.617	ug/L	99
101) 1,4-Dichlorobenzene	11.817	146	293868	43.547	ug/L	98
102) p-Diethylbenzene	12.048	119	338939	46.468	ug/L	100
103) n-Butylbenzene	12.107	91	539276	48.798	ug/L	99
104) 1,2-Dichlorobenzene	12.249	146	270004	43.732	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.860	119	529605	44.592	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.047	155	17245	39.632	ug/L	96
108) Hexachlorobutadiene	13.669	225	121042	47.922	ug/L	100
109) 1,2,4-Trichlorobenzene	13.685	180	205720	46.236	ug/L	99
110) Naphthalene	13.978	128	357056	41.874	ug/L	100
111) 1,2,3-Trichlorobenzene	14.148	180	173164	45.453	ug/L	98

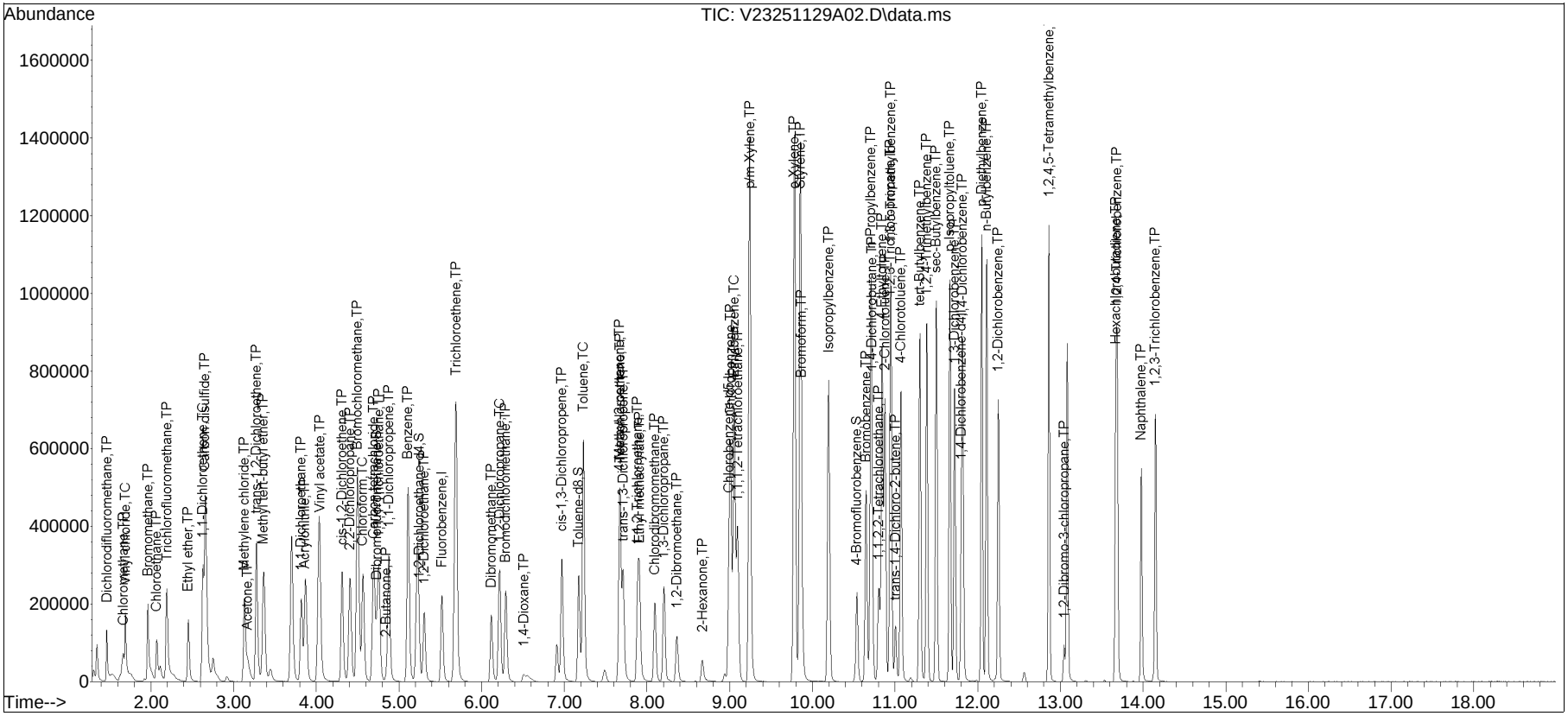
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148015-2
Misc : WG2148015,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

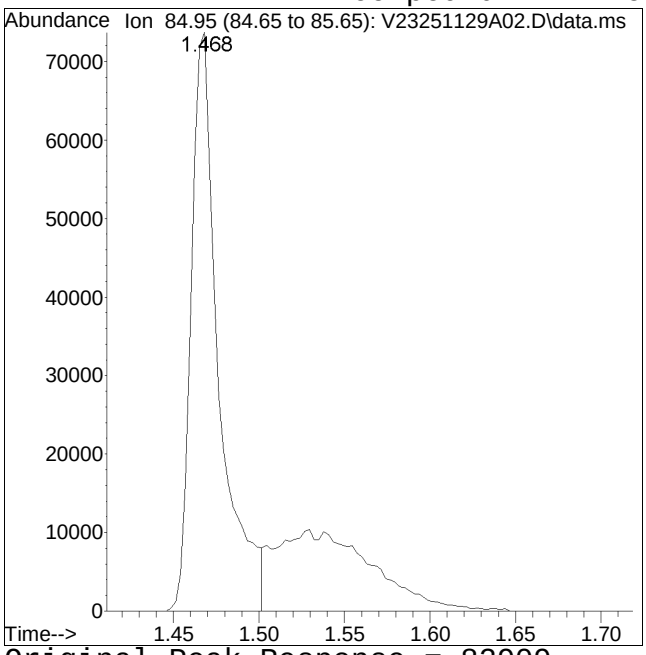
Sub List : 8260-NYTCL - Megamix plus Diox251129A02.D•

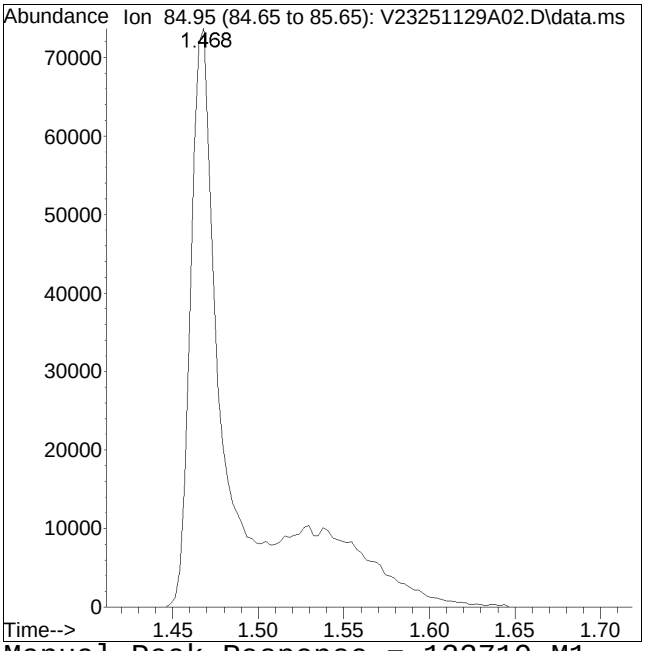


Manual Integration Report

Data Path	: K:\VOA123\2025\251129A\	QMethod	: V123_251103N_8260.m
Data File	: V23251129A02.D	Operator	: VOA123:MNF
Date Inj'd	: 11/29/2025 10:17 am	Instrument	: VOA123
Sample	: WG2148015-2	Quant Date	: 11/29/2025 10:42 am

Compound #2: Dichlorodifluoromethane





Original Peak Response = 82909 Manual Peak Response = 123719 M1

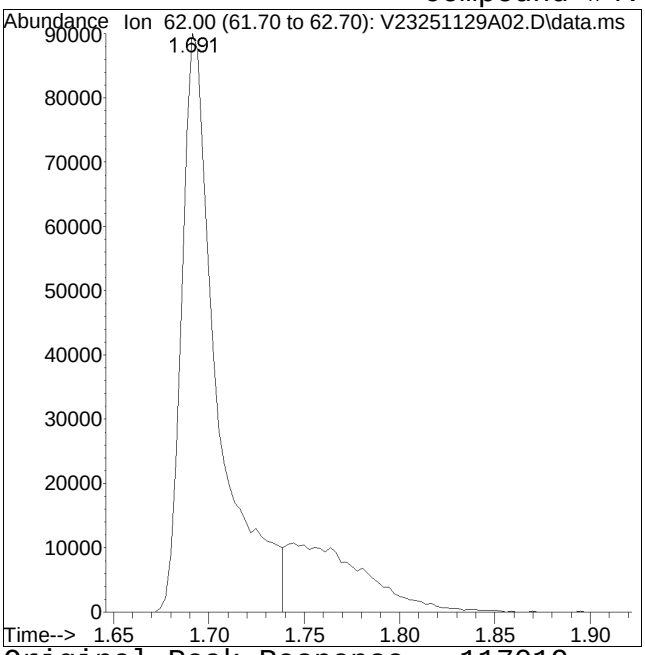
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

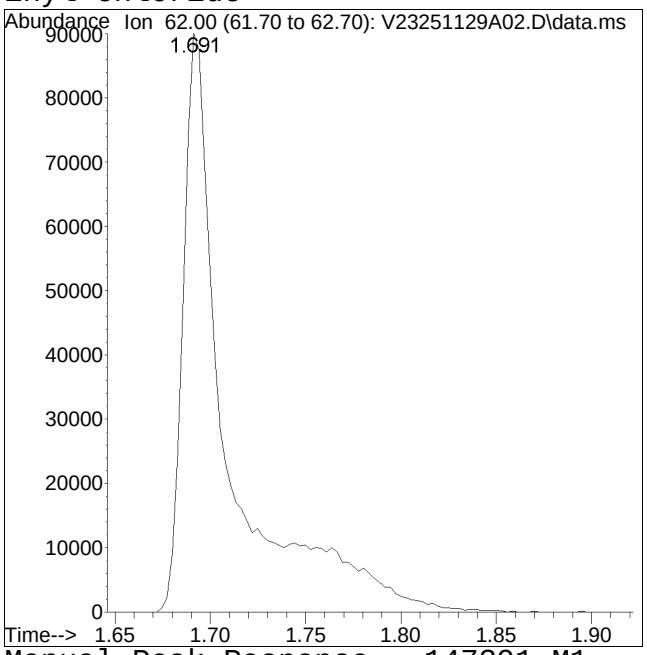
Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Date Inj'd : 11/29/2025 10:17 am
Sample : WG2148015-2

QMethod : V123_251103N_8260.m
Operator : VOA123:MNF
Instrument : VOA123
Quant Date : 11/29/2025 10:42 am

Compound #4: Vinyl chloride



Original Peak Response = 117019



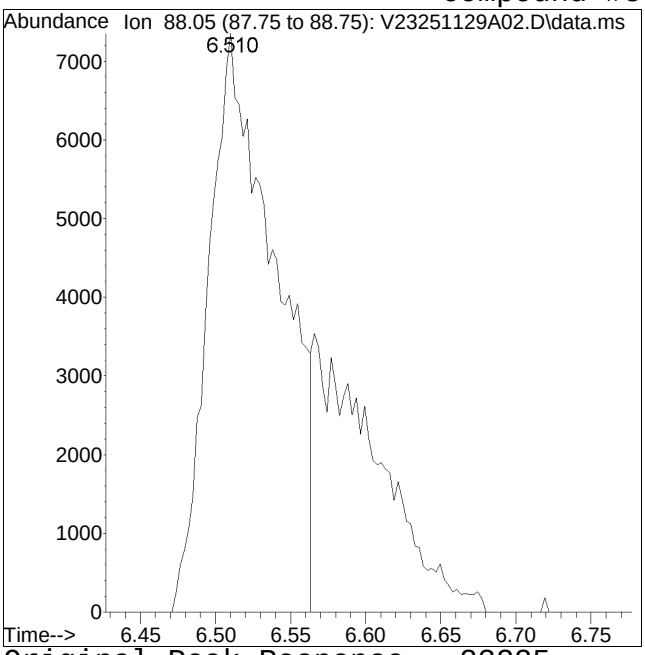
Manual Peak Response = 147391 M1

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

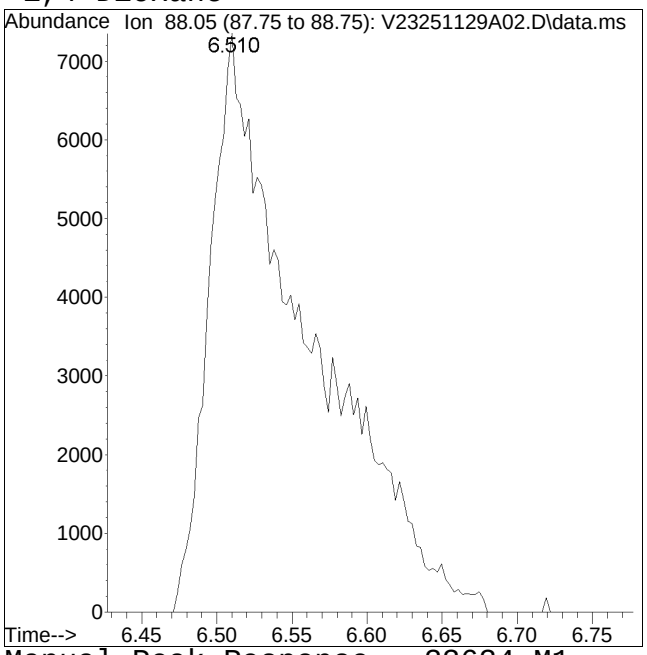
Manual Integration Report

Data Path	: K:\VOA123\2025\251129A\	QMethod	: V123_251103N_8260.m
Data File	: V23251129A02.D	Operator	: VOA123:MNF
Date Inj'd	: 11/29/2025 10:17 am	Instrument	: VOA123
Sample	: WG2148015-2	Quant Date	: 11/29/2025 10:42 am

Compound #57: 1,4-Dioxane



Original Peak Response = 23225



Manual Peak Response = 33634 M1

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

Evaluate Continuing Calibration Report

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148016-2
Misc : WG2148016,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	103	0.00
2	TP	Dichlorodifluoromethane	0.220	0.299	-35.9#	136	0.00
3	TP	Chloromethane	0.240	0.295	-22.9#	124	0.00
4	TC	Vinyl chloride	0.260	0.356	-36.9#	135	0.00
5	TP	Bromomethane	0.166	0.282	-69.9#	176	0.00
6	TP	Chloroethane	0.180	0.242	-34.4#	137	0.00
7	TP	Trichlorofluoromethane	0.393	0.540	-37.4#	138	0.00
8	TP	Ethyl ether	0.132	0.147	-11.4	111	0.00
10	TC	1,1-Dichloroethene	0.208	0.250	-20.2#	121	0.00
11	TP	Carbon disulfide	0.767	0.871	-13.6	122	0.00
15	TP	Methylene chloride	0.270	0.286	-5.9	109	0.00
17	TP	Acetone	* 40.000	54.718	-36.8#	135	0.00
18	TP	trans-1,2-Dichloroethene	0.243	0.288	-18.5	116	0.00
20	TP	Methyl tert-butyl ether	0.694	0.740	-6.6	106	0.00
23	TP	1,1-Dichloroethane	0.447	0.517	-15.7	114	0.00
25	TP	Acrylonitrile	0.054	0.058	-7.4	109	0.00
27	TP	Vinyl acetate	0.517	0.544	-5.2	103	0.00
28	TP	cis-1,2-Dichloroethene	0.279	0.312	-11.8	111	0.00
29	TP	2,2-Dichloropropane	0.368	0.445	-20.9#	120	0.00
30	TP	Bromochloromethane	0.125	0.138	-10.4	108	0.00
32	TC	Chloroform	0.547	0.519	5.1	108	0.00
34	TP	Carbon tetrachloride	0.355	0.421	-18.6	118	0.00
36	S	Dibromofluoromethane	0.252	0.246	2.4	99	0.00
37	TP	1,1,1-Trichloroethane	0.378	0.475	-25.7#	120	0.00
39	TP	2-Butanone	0.076	0.073	3.9	106	0.00
40	TP	1,1-Dichloropropene	0.295	0.385	-30.5#	126	0.00
41	TP	Benzene	0.932	1.100	-18.0	114	0.00
43	S	1,2-Dichloroethane-d4	0.258	0.241	6.6	97	0.00
44	TP	1,2-Dichloroethane	0.340	0.371	-9.1	109	0.00
48	TP	Trichloroethene	0.256	0.312	-21.9#	118	0.00
50	TP	Dibromomethane	0.152	0.161	-5.9	104	0.00
51	TC	1,2-Dichloropropane	0.257	0.286	-11.3	111	0.00
54	TP	Bromodichloromethane	0.360	0.401	-11.4	107	0.00
57	TP	1,4-Dioxane	0.00149	0.00163#	-9.4	103	0.00
58	TP	cis-1,3-Dichloropropene	0.396	0.451	-13.9	106	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
60	S	Toluene-d8	1.353	1.272	6.0	100	0.00
61	TC	Toluene	0.850	0.945	-11.2	114	0.00

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148016-2
Misc : WG2148016,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
62	TP	4-Methyl-2-pentanone	0.091	0.095	-4.4	101	0.00
63	TP	Tetrachloroethene	0.366	0.457	-24.9#	123	0.00
65	TP	trans-1,3-Dichloropropene	0.479	0.523	-9.2	106	0.00
67	TP	Ethyl methacrylate	0.361	0.359	0.6	97	0.00
68	TP	1,1,2-Trichloroethane	0.244	0.256	-4.9	107	0.00
69	TP	Chlorodibromomethane	0.351	0.389	-10.8	107	0.00
70	TP	1,3-Dichloropropane	0.482	0.515	-6.8	108	0.00
71	TP	1,2-Dibromoethane	0.271	0.300	-10.7	105	0.00
72	TP	2-Hexanone	0.162	0.149	8.0	98	0.00
73	TP	Chlorobenzene	0.972	1.085	-11.6	112	0.00
74	TC	Ethylbenzene	1.683	1.879	-11.6	116	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.355	0.399	-12.4	109	0.00
76	TP	p/m Xylene	0.629	0.734	-16.7	116	0.00
77	TP	o Xylene	0.635	0.706	-11.2	112	0.00
78	TP	Styrene	1.070	1.183	-10.6	110	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
80	TP	Bromoform	0.434	0.457	-5.3	109	0.00
82	TP	Isopropylbenzene	2.998	3.428	-14.3	119	0.00
83	S	4-Bromofluorobenzene	0.894	0.831	7.0	101	0.00
84	TP	Bromobenzene	0.808	0.862	-6.7	111	0.00
85	TP	n-Propylbenzene	3.569	4.100	-14.9	119	0.00
86	TP	1,4-Dichlorobutane	0.911	0.950	-4.3	111	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.660	0.685	-3.8	108	0.00
88	TP	4-Ethyltoluene	2.970	3.398	-14.4	118	0.00
89	TP	2-Chlorotoluene	2.229	2.413	-8.3	114	0.00
90	TP	1,3,5-Trimethylbenzene	2.635	2.944	-11.7	116	0.00
91	TP	1,2,3-Trichloropropane	0.522	0.523	-0.2	107	0.00
92	TP	trans-1,4-Dichloro-2-butene	0.184	0.181	1.6	104	0.00
93	TP	4-Chlorotoluene	2.265	2.452	-8.3	112	0.00
94	TP	tert-Butylbenzene	2.206	2.516	-14.1	118	0.00
97	TP	1,2,4-Trimethylbenzene	2.619	2.894	-10.5	114	0.00
98	TP	sec-Butylbenzene	3.300	3.826	-15.9	120	0.00
99	TP	p-Isopropyltoluene	2.858	3.317	-16.1	119	0.00
100	TP	1,3-Dichlorobenzene	1.528	1.704	-11.5	115	0.00
101	TP	1,4-Dichlorobenzene	1.565	1.704	-8.9	114	0.00
102	TP	p-Diethylbenzene	1.692	1.966	-16.2	119	0.00
103	TP	n-Butylbenzene	2.564	3.128	-22.0#	125	0.00
104	TP	1,2-Dichlorobenzene	1.432	1.566	-9.4	112	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148016-2
Misc : WG2148016,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
105 TP	1,2,4,5-Tetramethylbenzene	2.755	3.072	-11.5	114	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.101	0.100	1.0	104	0.00
108 TP	Hexachlorobutadiene	0.586	0.702	-19.8	124	0.00
109 TP	1,2,4-Trichlorobenzene	1.032	1.193	-15.6	117	0.00
110 TP	Naphthalene	1.978	2.071	-4.7	108	0.00
111 TP	1,2,3-Trichlorobenzene	0.884	1.004	-13.6	114	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 2

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148016-2
Misc : WG2148016,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.520	96	206936	20.000 ug/L	0.00
Standard Area 1 = 206936			Recovery = 100.00%		
59) Chlorobenzene-d5	8.992	117	154785	20.000 ug/L	0.00
Standard Area 1 = 154785			Recovery = 100.00%		
79) 1,4-Dichlorobenzene-d4	11.800	152	86212	20.000 ug/L	0.00
Standard Area 1 = 86212			Recovery = 100.00%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.734	113	50931	19.539 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.70%		
43) 1,2-Dichloroethane-d4	5.244	65	49864	18.689 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.44%		
60) Toluene-d8	7.174	98	196836	18.804 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.02%		
83) 4-Bromofluorobenzene	10.537	95	71679	18.597 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.99%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.468	85	123719M1	54.279 ug/L	
3) Chloromethane	1.666	50	122248	49.312 ug/L	99
4) Vinyl chloride	1.691	62	147391M1	54.774 ug/L	
5) Bromomethane	1.965	94	116685	67.794 ug/L	98
6) Chloroethane	2.071	64	100165	53.709 ug/L	97
7) Trichlorofluoromethane	2.193	101	223343	54.872 ug/L	91
8) Ethyl ether	2.453	74	61046	44.853 ug/L	91
10) 1,1-Dichloroethene	2.628	96	103323	47.981 ug/L	90
11) Carbon disulfide	2.656	76	360650	45.460 ug/L	97
15) Methylene chloride	3.130	84	118163	42.270 ug/L	90
17) Acetone	3.169	43	35636	54.718 ug/L	94
18) trans-1,2-Dichloroethene	3.278	96	119281	47.382 ug/L	96
20) Methyl tert-butyl ether	3.362	73	306072	42.636 ug/L	94
23) 1,1-Dichloroethane	3.819	63	214012	46.230 ug/L	100
25) Acrylonitrile	3.861	53	24056	43.113 ug/L #	91
27) Vinyl acetate	4.045	43	225038	42.033 ug/L	94
28) cis-1,2-Dichloroethene	4.310	96	129289	44.811 ug/L	96
29) 2,2-Dichloropropane	4.407	77	184173	48.338 ug/L	91
30) Bromochloromethane	4.497	128	57179	44.376 ug/L	97
32) Chloroform	4.564	83	214639	37.908 ug/L	96
34) Carbon tetrachloride	4.695	117	174278	47.510 ug/L	100

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148016-2
Misc : WG2148016,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
37) 1,1,1-Trichloroethane	4.756	97	196779	50.268	ug/L		98
39) 2-Butanone	4.848	43	30178	38.399	ug/L	#	66
40) 1,1-Dichloropropene	4.876	75	159213	52.239	ug/L		99
41) Benzene	5.110	78	455294	47.197	ug/L		96
44) 1,2-Dichloroethane	5.305	62	153592	43.649	ug/L		98
48) Trichloroethene	5.690	95	129000	48.717	ug/L		99
50) Dibromomethane	6.120	93	66818	42.469	ug/L		97
51) 1,2-Dichloropropane	6.217	63	118374	44.577	ug/L		99
54) Bromodichloromethane	6.293	83	166021	44.528	ug/L		99
57) 1,4-Dioxane	6.510	88	33634M1	2184.161	ug/L		
58) cis-1,3-Dichloropropene	6.970	75	186679	45.510	ug/L		93
61) Toluene	7.232	92	292568	44.463	ug/L		99
62) 4-Methyl-2-pentanone	7.667	58	29446	42.032	ug/L		87
63) Tetrachloroethene	7.676	166	141508	49.995	ug/L		98
65) trans-1,3-Dichloropropene	7.712	75	161946	43.695	ug/L		98
67) Ethyl methacrylate	7.910	69	111152	39.776	ug/L		87
68) 1,1,2-Trichloroethane	7.888	83	79391	42.009	ug/L		99
69) Chlorodibromomethane	8.094	129	120386	44.343	ug/L		98
70) 1,3-Dichloropropane	8.206	76	159425	42.726	ug/L		100
71) 1,2-Dibromoethane	8.362	107	92850	44.262	ug/L		99
72) 2-Hexanone	8.671	43	45976	36.561	ug/L		91
73) Chlorobenzene	9.012	112	335938	44.675	ug/L	#	86
74) Ethylbenzene	9.053	91	581804	44.667	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.098	131	123581	44.978	ug/L		99
76) p/m Xylene	9.243	106	454151	93.252	ug/L		99
77) o Xylene	9.781	106	437291	88.968	ug/L		98
78) Styrene	9.857	104	732510	88.446	ug/L		100
80) Bromoform	9.870	173	78778	42.097	ug/L		100
82) Isopropylbenzene	10.197	105	591085	45.737	ug/L		99
84) Bromobenzene	10.649	156	148596	42.653	ug/L		100
85) n-Propylbenzene	10.710	91	706978	45.954	ug/L		100
86) 1,4-Dichlorobutane	10.721	55	163872	41.739	ug/L		95
87) 1,1,2,2-Tetrachloroethane	10.802	83	118145	41.543	ug/L		99
88) 4-Ethyltoluene	10.844	105	585962	45.769	ug/L		100
89) 2-Chlorotoluene	10.877	91	416062	43.311	ug/L		99
90) 1,3,5-Trimethylbenzene	10.950	105	507552	44.692	ug/L		98
91) 1,2,3-Trichloropropane	10.941	75	90231	40.133	ug/L		97
92) trans-1,4-Dichloro-2-b...	11.008	53	31222	39.296	ug/L	#	81
93) 4-Chlorotoluene	11.072	91	422710	43.297	ug/L		98
94) tert-Butylbenzene	11.301	119	433885	45.630	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148016-2
Misc : WG2148016,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.385	105	498910	44.199	ug/L	99
98) sec-Butylbenzene	11.499	105	659686	46.376	ug/L	100
99) p-Isopropyltoluene	11.664	119	571928	46.424	ug/L	99
100) 1,3-Dichlorobenzene	11.722	146	293868	44.617	ug/L	99
101) 1,4-Dichlorobenzene	11.817	146	293868	43.547	ug/L	98
102) p-Diethylbenzene	12.048	119	338939	46.468	ug/L	100
103) n-Butylbenzene	12.107	91	539276	48.798	ug/L	99
104) 1,2-Dichlorobenzene	12.249	146	270004	43.732	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.860	119	529605	44.592	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.047	155	17245	39.632	ug/L	96
108) Hexachlorobutadiene	13.669	225	121042	47.922	ug/L	100
109) 1,2,4-Trichlorobenzene	13.685	180	205720	46.236	ug/L	99
110) Naphthalene	13.978	128	357056	41.874	ug/L	100
111) 1,2,3-Trichlorobenzene	14.148	180	173164	45.453	ug/L	98

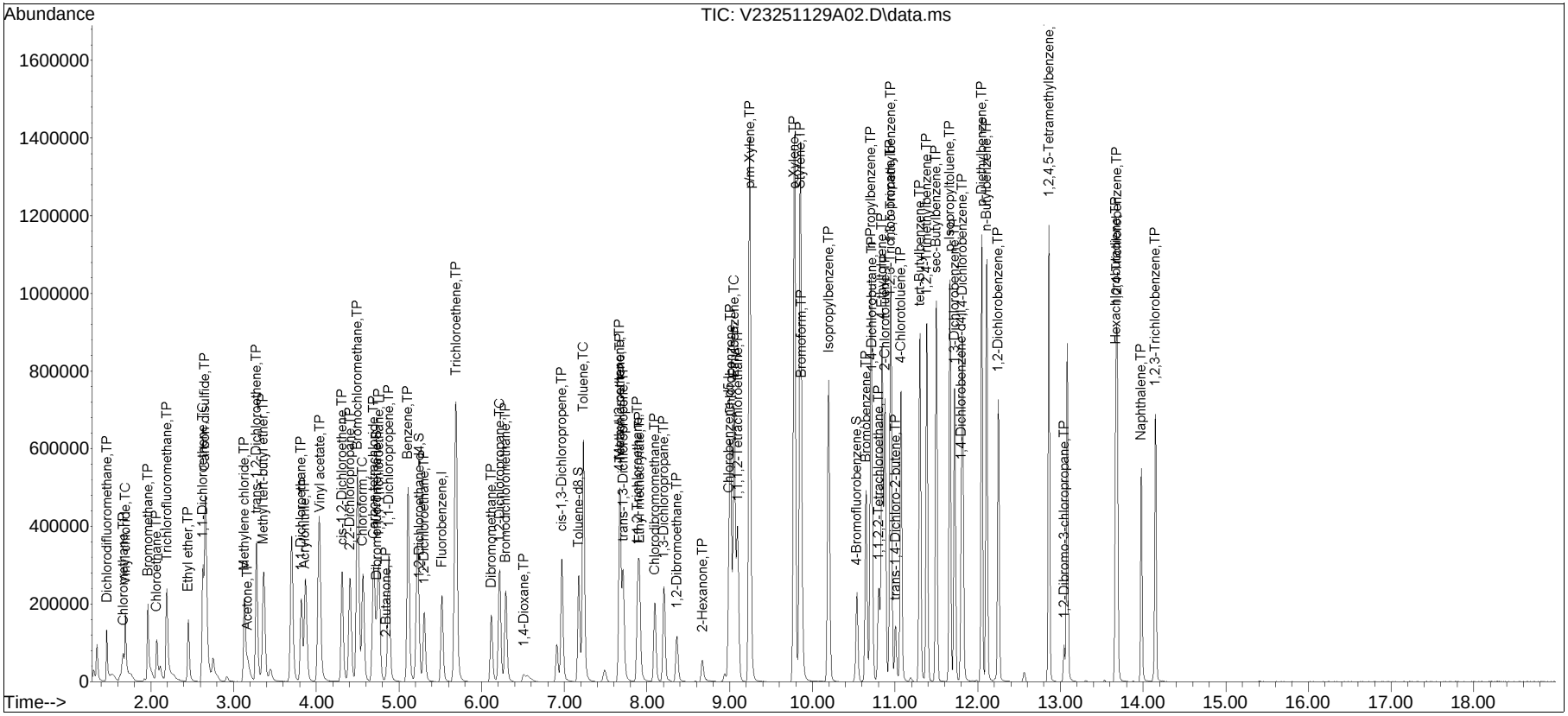
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148016-2
Misc : WG2148016,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

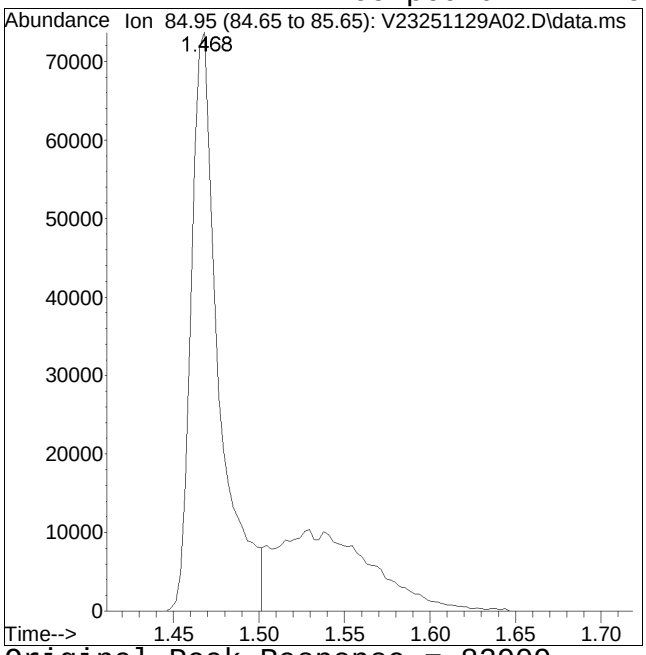
Sub List : 8260-NYTCL - Megamix plus Diox251129A02.D•

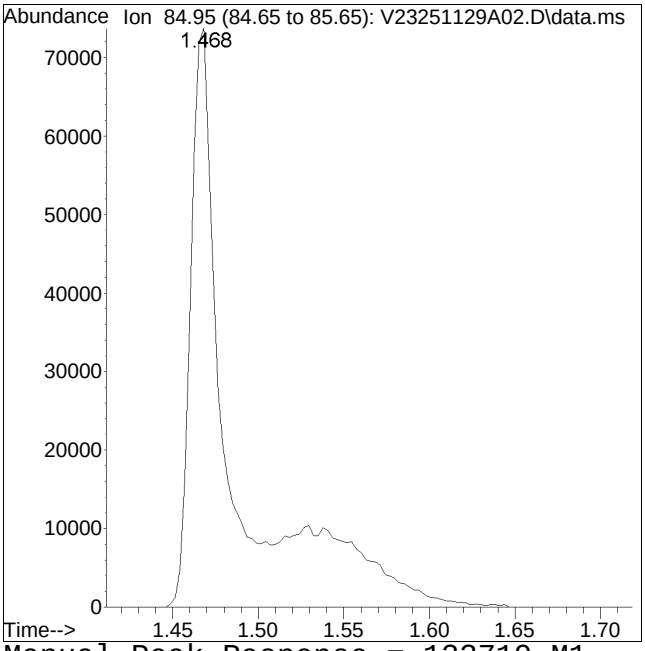


Manual Integration Report

Data Path	: K:\VOA123\2025\251129A\	QMethod	: V123_251103N_8260.m
Data File	: V23251129A02.D	Operator	: VOA123:MNF
Date Inj'd	: 11/29/2025 10:17 am	Instrument	: VOA123
Sample	: WG2148016-2	Quant Date	: 11/29/2025 10:42 am

Compound #2: Dichlorodifluoromethane





Original Peak Response = 82909 Manual Peak Response = 123719 M1

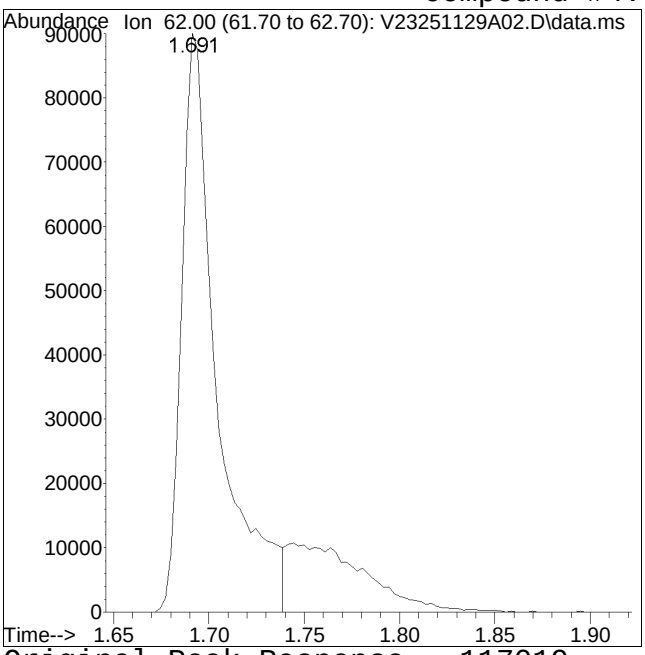
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

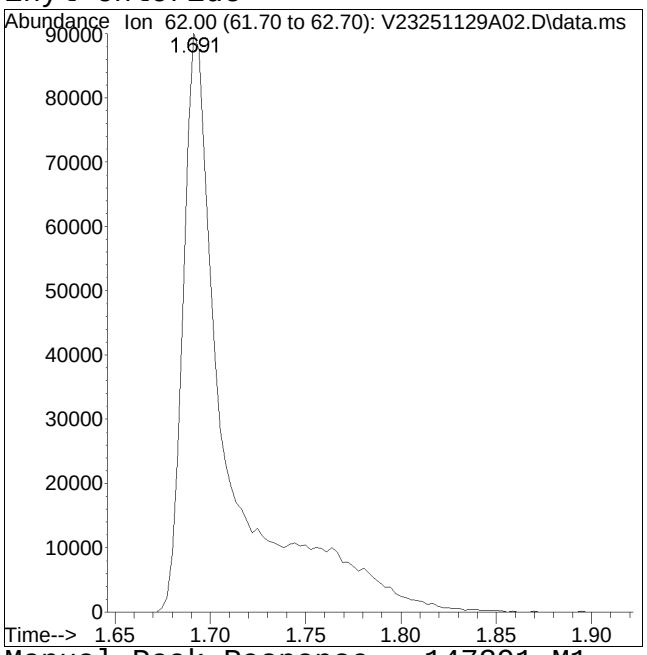
Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Date Inj'd : 11/29/2025 10:17 am
Sample : WG2148016-2

QMethod : V123_251103N_8260.m
Operator : VOA123:MNF
Instrument : VOA123
Quant Date : 11/29/2025 10:42 am

Compound #4: Vinyl chloride



Original Peak Response = 117019



Manual Peak Response = 147391 M1

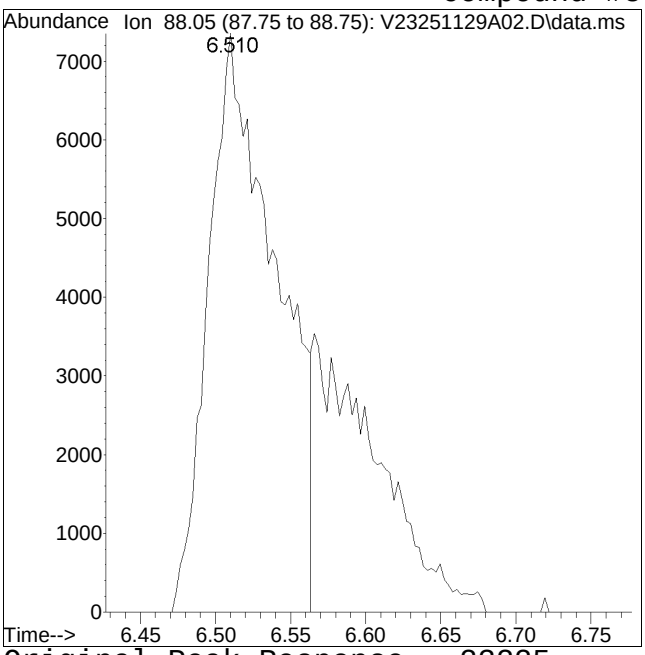
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

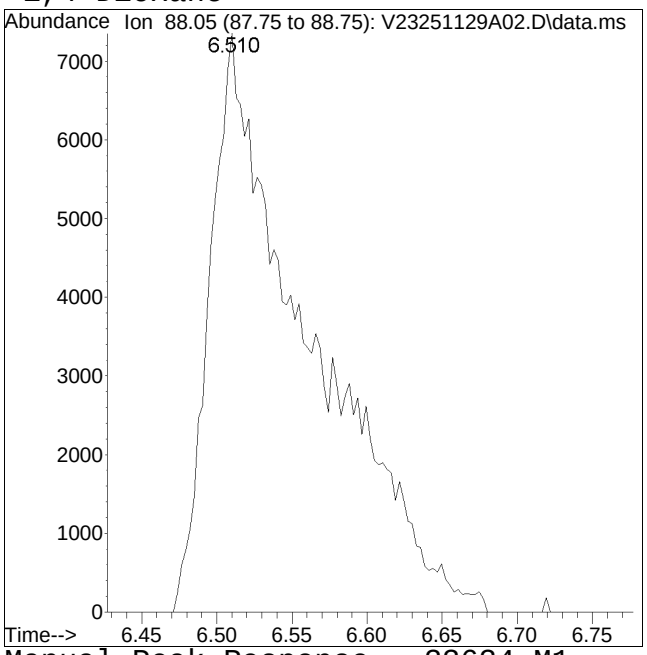
Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Date Inj'd : 11/29/2025 10:17 am
Sample : WG2148016-2

QMethod : V123_251103N_8260.m
Operator : VOA123:MNF
Instrument : VOA123
Quant Date : 11/29/2025 10:42 am

Compound #57: 1,4-Dioxane



Original Peak Response = 23225



Manual Peak Response = 33634 M1

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

Evaluate Continuing Calibration Report

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147797-2
Misc : WG2147797,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	108	0.00
2	TP	Dichlorodifluoromethane	0.220	0.287	-30.5#	137	0.00
3	TP	Chloromethane	0.240	0.291	-21.2#	128	0.00
4	TC	Vinyl chloride	0.260	0.351	-35.0#	139	0.00
5	TP	Bromomethane	0.166	0.283	-70.5#	186	0.00
6	TP	Chloroethane	0.180	0.235	-30.6#	140	0.00
7	TP	Trichlorofluoromethane	0.393	0.513	-30.5#	138	0.00
8	TP	Ethyl ether	0.132	0.148	-12.1	117	0.00
10	TC	1,1-Dichloroethene	0.208	0.247	-18.8	125	0.00
11	TP	Carbon disulfide	0.767	0.850	-10.8	125	0.00
12	TP	Freon-113	0.211	0.265	-25.6#	132	0.00
14	TP	Acrolein	0.026	0.027	-3.8	113	0.00
15	TP	Methylene chloride	0.270	0.283	-4.8	113	0.00
17	TP	Acetone	* 40.000	60.753	-51.9#	156	0.00
18	TP	trans-1,2-Dichloroethene	0.243	0.283	-16.5	120	0.00
19	TP	Methyl acetate	0.104	0.115	-10.6	115	0.00
20	TP	Methyl tert-butyl ether	0.694	0.750	-8.1	113	0.00
21	TP	tert-Butyl alcohol	0.019	0.021	-10.5	111	0.00
22	TP	Diisopropyl ether	0.750	0.834	-11.2	117	0.00
23	TP	1,1-Dichloroethane	0.447	0.512	-14.5	119	0.00
24	TP	Halothane	0.181	0.212	-17.1	123	0.00
25	TP	Acrylonitrile	0.054	0.061	-13.0	120	0.00
26	TP	Ethyl tert-butyl ether	0.760	0.842	-10.8	116	0.00
27	TP	Vinyl acetate	0.517	0.547	-5.8	109	0.00
28	TP	cis-1,2-Dichloroethene	0.279	0.309	-10.8	115	0.00
29	TP	2,2-Dichloropropane	0.368	0.441	-19.8	125	0.00
30	TP	Bromochloromethane	0.125	0.138	-10.4	113	0.00
31	TP	Cyclohexane	0.373	0.465	-24.7#	131	0.00
32	TC	Chloroform	0.547	0.516	5.7	113	0.00
33	TP	Ethyl acetate	0.175	0.187	-6.9	113	0.00
34	TP	Carbon tetrachloride	0.355	0.410	-15.5	121	0.00
35	TP	Tetrahydrofuran	0.055	0.058	-5.5	115	0.00
36	S	Dibromofluoromethane	0.252	0.250	0.8	106	0.00
37	TP	1,1,1-Trichloroethane	0.378	0.463	-22.5#	123	0.00
39	TP	2-Butanone	0.076	0.076	0.0	117	0.00
40	TP	1,1-Dichloropropene	0.295	0.378	-28.1#	131	0.00
41	TP	Benzene	0.932	1.072	-15.0	117	0.00
42	TP	tert-Amyl methyl ether	0.674	0.720	-6.8	111	0.00
43	S	1,2-Dichloroethane-d4	0.258	0.241	6.6	102	0.00

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147797-2
Misc : WG2147797,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.340	0.361	-6.2	111	0.00
47	TP	Methyl cyclohexane	0.403	0.490	-21.6#	126	0.00
48	TP	Trichloroethene	0.256	0.304	-18.7	121	0.00
50	TP	Dibromomethane	0.152	0.158	-3.9	107	0.00
51	TC	1,2-Dichloropropane	0.257	0.279	-8.6	113	0.00
53	TP	2-Chloroethyl vinyl ether	0.106	0.075	29.2#	68	0.00
54	TP	Bromodichloromethane	0.360	0.392	-8.9	110	0.00
57	TP	1,4-Dioxane	0.00149	0.00185#	-24.2#	123	0.01
58	TP	cis-1,3-Dichloropropene	0.396	0.440	-11.1	109	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
60	S	Toluene-d8	1.353	1.286	5.0	103	0.00
61	TC	Toluene	0.850	0.942	-10.8	116	0.00
62	TP	4-Methyl-2-pentanone	0.091	0.095	-4.4	104	0.00
63	TP	Tetrachloroethene	0.366	0.458	-25.1#	126	0.00
65	TP	trans-1,3-Dichloropropene	0.479	0.518	-8.1	107	0.00
67	TP	Ethyl methacrylate	0.361	0.371	-2.8	102	0.00
68	TP	1,1,2-Trichloroethane	0.244	0.256	-4.9	110	0.00
69	TP	Chlorodibromomethane	0.351	0.387	-10.3	109	0.00
70	TP	1,3-Dichloropropane	0.482	0.505	-4.8	109	0.00
71	TP	1,2-Dibromoethane	0.271	0.301	-11.1	108	0.00
72	TP	2-Hexanone	0.162	0.154	4.9	105	0.00
73	TP	Chlorobenzene	0.972	1.078	-10.9	114	0.00
74	TC	Ethylbenzene	1.683	1.861	-10.6	118	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.355	0.397	-11.8	111	0.00
76	TP	p/m Xylene	0.629	0.727	-15.6	118	0.00
77	TP	o Xylene	0.635	0.704	-10.9	114	0.00
78	TP	Styrene	1.070	1.166	-9.0	110	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	112	0.00
80	TP	Bromoform	0.434	0.435	-0.2	107	0.00
82	TP	Isopropylbenzene	2.998	3.388	-13.0	120	0.00
83	S	4-Bromofluorobenzene	0.894	0.854	4.5	106	0.00
84	TP	Bromobenzene	0.808	0.844	-4.5	112	0.00
85	TP	n-Propylbenzene	3.569	3.981	-11.5	119	0.00
86	TP	1,4-Dichlorobutane	0.911	0.908	0.3	109	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.660	0.667	-1.1	108	0.00
88	TP	4-Ethyltoluene	2.970	3.334	-12.3	118	0.00
89	TP	2-Chlorotoluene	2.229	2.411	-8.2	117	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147797-2
Misc : WG2147797,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 TP	1,3,5-Trimethylbenzene	2.635	2.873	-9.0	116	0.00
91 TP	1,2,3-Trichloropropane	0.522	0.515	1.3	108	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.184	0.185	-0.5	109	0.00
93 TP	4-Chlorotoluene	2.265	2.404	-6.1	113	0.00
94 TP	tert-Butylbenzene	2.206	2.461	-11.6	118	0.00
97 TP	1,2,4-Trimethylbenzene	2.619	2.842	-8.5	115	0.00
98 TP	sec-Butylbenzene	3.300	3.734	-13.2	120	0.00
99 TP	p-Isopropyltoluene	2.858	3.244	-13.5	120	0.00
100 TP	1,3-Dichlorobenzene	1.528	1.675	-9.6	116	0.00
101 TP	1,4-Dichlorobenzene	1.565	1.665	-6.4	114	0.00
102 TP	p-Diethylbenzene	1.692	1.951	-15.3	121	0.00
103 TP	n-Butylbenzene	2.564	3.058	-19.3	125	0.00
104 TP	1,2-Dichlorobenzene	1.432	1.526	-6.6	112	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.755	3.042	-10.4	115	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.101	0.097	4.0	103	0.00
107 TP	1,3,5-Trichlorobenzene	1.176	1.376	-17.0	124	0.00
108 TP	Hexachlorobutadiene	0.586	0.695	-18.6	126	0.00
109 TP	1,2,4-Trichlorobenzene	1.032	1.162	-12.6	117	0.00
110 TP	Naphthalene	1.978	2.062	-4.2	110	0.00
111 TP	1,2,3-Trichlorobenzene	0.884	0.962	-8.8	112	0.00

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147797-2
Misc : WG2147797,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.518	96	217255	20.000	ug/L	0.00
Standard Area 1 = 217255			Recovery = 100.00%			
59) Chlorobenzene-d5	8.990	117	158239	20.000	ug/L	0.00
Standard Area 1 = 158239			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	11.798	152	88479	20.000	ug/L	0.00
Standard Area 1 = 88479			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.731	113	54289	19.838	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.19%			
43) 1,2-Dichloroethane-d4	5.239	65	52446	18.723	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.61%			
60) Toluene-d8	7.174	98	203522	19.019	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.09%			
83) 4-Bromofluorobenzene	10.537	95	75528	19.094	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.47%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	124830M1	52.166	ug/L	
3) Chloromethane	1.661	50	126424	48.575	ug/L	98
4) Vinyl chloride	1.692	62	152317	53.916	ug/L	90
5) Bromomethane	1.965	94	122876	68.000	ug/L	100
6) Chloroethane	2.071	64	102235	52.215	ug/L	97
7) Trichlorofluoromethane	2.191	101	223005	52.187	ug/L	100
8) Ethyl ether	2.453	74	64142	44.889	ug/L	90
10) 1,1-Dichloroethene	2.626	96	107370	47.492	ug/L	91
11) Carbon disulfide	2.656	76	369496	44.363	ug/L	97
12) Freon-113	2.662	101	115021	50.145	ug/L	97
14) Acrolein	2.916	56	11928	41.890	ug/L	97
15) Methylene chloride	3.133	84	122867	41.865	ug/L	90
17) Acetone	3.170	43	41116M1	60.753	ug/L	
18) trans-1,2-Dichloroethene	3.276	96	123034	46.551	ug/L	96
19) Methyl acetate	3.284	43	50117	44.311	ug/L #	89
20) Methyl tert-butyl ether	3.362	73	325768	43.224	ug/L	95
21) tert-Butyl alcohol	3.443	59	46095	223.170	ug/L	99
22) Diisopropyl ether	3.699	45	362491	44.515	ug/L	95
23) 1,1-Dichloroethane	3.817	63	222534	45.787	ug/L	100
24) Halothane	3.870	117	92321	46.903	ug/L	100
25) Acrylonitrile	3.864	53	26487	45.215	ug/L #	88

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147797-2
Misc : WG2147797,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.031	59	365696	44.315	ug/L		91
27) Vinyl acetate	4.042	43	237479	42.250	ug/L		94
28) cis-1,2-Dichloroethene	4.310	96	134239	44.316	ug/L		96
29) 2,2-Dichloropropane	4.405	77	191517	47.878	ug/L		92
30) Bromochloromethane	4.494	128	59836	44.232	ug/L		97
31) Cyclohexane	4.500	56	201898	49.842	ug/L		95
32) Chloroform	4.561	83	224369	37.744	ug/L		96
33) Ethyl acetate	4.673	43	81117	42.661	ug/L		99
34) Carbon tetrachloride	4.695	117	178078	46.240	ug/L		100
35) Tetrahydrofuran	4.712	42	25261M1	41.946	ug/L		
37) 1,1,1-Trichloroethane	4.756	97	201171	48.949	ug/L		98
39) 2-Butanone	4.848	43	33141	40.166	ug/L	#	72
40) 1,1-Dichloropropene	4.876	75	164459	51.398	ug/L		99
41) Benzene	5.111	78	465902	46.002	ug/L		97
42) tert-Amyl methyl ether	5.219	73	312977	42.738	ug/L		96
44) 1,2-Dichloroethane	5.306	62	156814	42.447	ug/L		98
47) Methyl cyclohexane	5.679	83	213121	48.716	ug/L		92
48) Trichloroethene	5.691	95	132222	47.562	ug/L		99
50) Dibromomethane	6.114	93	68748	41.620	ug/L		98
51) 1,2-Dichloropropane	6.215	63	121340	43.523	ug/L		100
53) 2-Chloroethyl vinyl ether	6.909	63	32496	28.215	ug/L		94
54) Bromodichloromethane	6.290	83	170141	43.466	ug/L		99
57) 1,4-Dioxane	6.516	88	40273	2491.073	ug/L		95
58) cis-1,3-Dichloropropene	6.971	75	191390	44.443	ug/L	#	91
61) Toluene	7.230	92	298175	44.326	ug/L		100
62) 4-Methyl-2-pentanone	7.665	58	30172	42.128	ug/L	#	80
63) Tetrachloroethene	7.673	166	145089	50.141	ug/L		99
65) trans-1,3-Dichloropropene	7.710	75	163849	43.243	ug/L		99
67) Ethyl methacrylate	7.908	69	117337	41.073	ug/L		90
68) 1,1,2-Trichloroethane	7.891	83	81148	42.002	ug/L		99
69) Chlorodibromomethane	8.094	129	122462	44.123	ug/L		98
70) 1,3-Dichloropropane	8.206	76	159840	41.902	ug/L		100
71) 1,2-Dibromoethane	8.362	107	95130	44.359	ug/L		99
72) 2-Hexanone	8.669	43	48852	38.000	ug/L		91
73) Chlorobenzene	9.009	112	341068	44.367	ug/L	#	86
74) Ethylbenzene	9.054	91	589038	44.235	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.096	131	125664	44.738	ug/L		99
76) p/m Xylene	9.241	106	460305	92.452	ug/L		100
77) o Xylene	9.782	106	445645	88.689	ug/L		100
78) Styrene	9.854	104	738105M1	87.176	ug/L		

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147797-2
Misc : WG2147797,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.865	173	76964	40.074	ug/L		100
82) Isopropylbenzene	10.197	105	599582	45.206	ug/L		99
84) Bromobenzene	10.649	156	149390	41.782	ug/L		99
85) n-Propylbenzene	10.707	91	704398	44.613	ug/L		99
86) 1,4-Dichlorobutane	10.719	55	160599	39.857	ug/L		95
87) 1,1,2,2-Tetrachloroethane	10.799	83	118041	40.443	ug/L		99
88) 4-Ethyltoluene	10.841	105	590021	44.905	ug/L		100
89) 2-Chlorotoluene	10.875	91	426663M6	43.276	ug/L		
90) 1,3,5-Trimethylbenzene	10.950	105	508400	43.620	ug/L		99
91) 1,2,3-Trichloropropane	10.939	75	91170M4	39.512	ug/L		
92) trans-1,4-Dichloro-2-b...	11.003	53	32664	40.057	ug/L	#	80
93) 4-Chlorotoluene	11.070	91	425469	42.463	ug/L		99
94) tert-Butylbenzene	11.299	119	435580	44.635	ug/L		99
97) 1,2,4-Trimethylbenzene	11.382	105	502969	43.417	ug/L		99
98) sec-Butylbenzene	11.497	105	660844	45.267	ug/L		100
99) p-Isopropyltoluene	11.661	119	573975	45.397	ug/L		99
100) 1,3-Dichlorobenzene	11.720	146	296442	43.854	ug/L		99
101) 1,4-Dichlorobenzene	11.817	146	294709	42.553	ug/L		98
102) p-Diethylbenzene	12.049	119	345207	46.114	ug/L		99
103) n-Butylbenzene	12.107	91	541147	47.712	ug/L		99
104) 1,2-Dichlorobenzene	12.250	146	270050	42.619	ug/L		99
105) 1,2,4,5-Tetramethylben...	12.860	119	538239	44.158	ug/L		99
106) 1,2-Dibromo-3-chloropr...	13.044	155	17099	38.290	ug/L		96
107) 1,3,5-Trichlorobenzene	13.081	180	243464	46.780	ug/L		99
108) Hexachlorobutadiene	13.669	225	122997	47.448	ug/L		99
109) 1,2,4-Trichlorobenzene	13.688	180	205578	45.020	ug/L		99
110) Naphthalene	13.979	128	364877	41.694	ug/L		100
111) 1,2,3-Trichlorobenzene	14.149	180	170150	43.517	ug/L		98

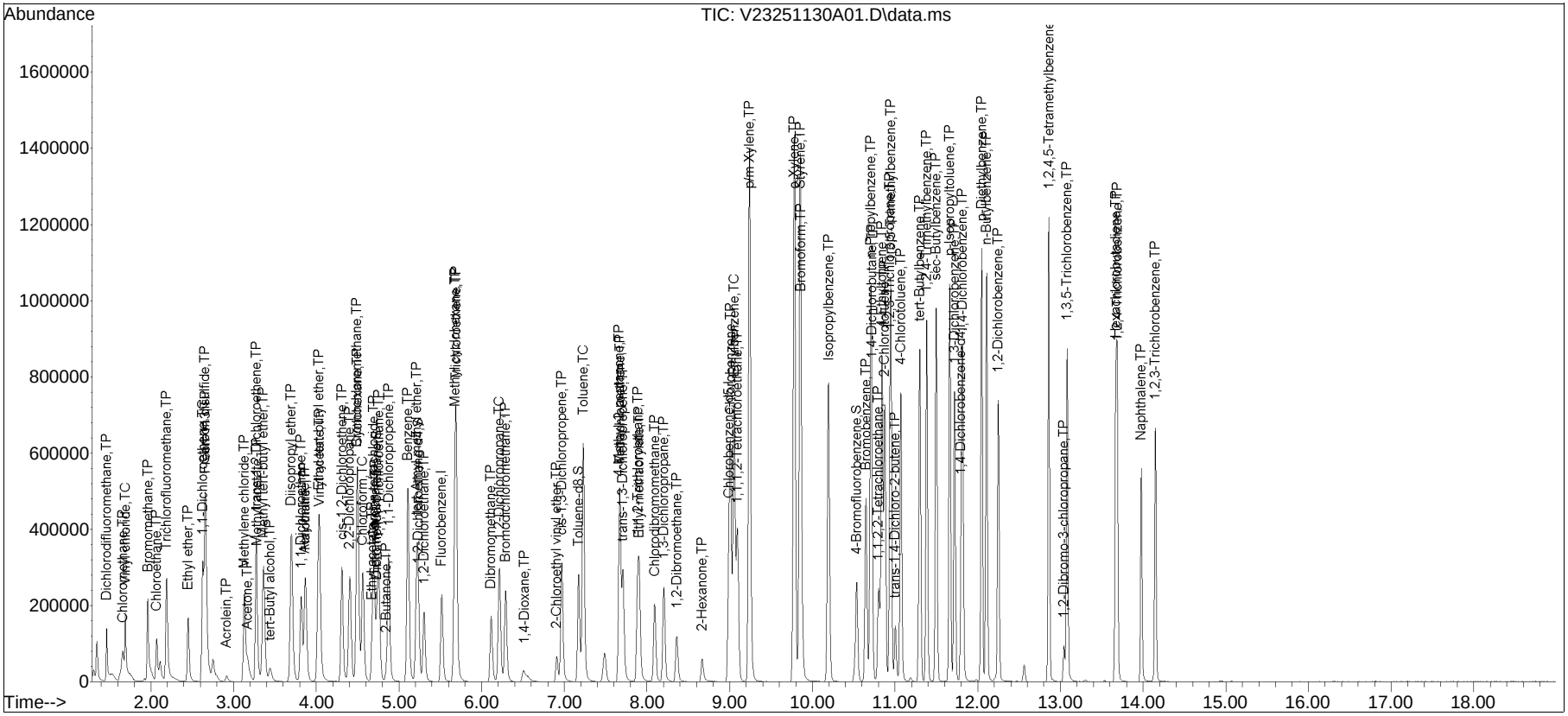
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147797-2
Misc : WG2147797,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

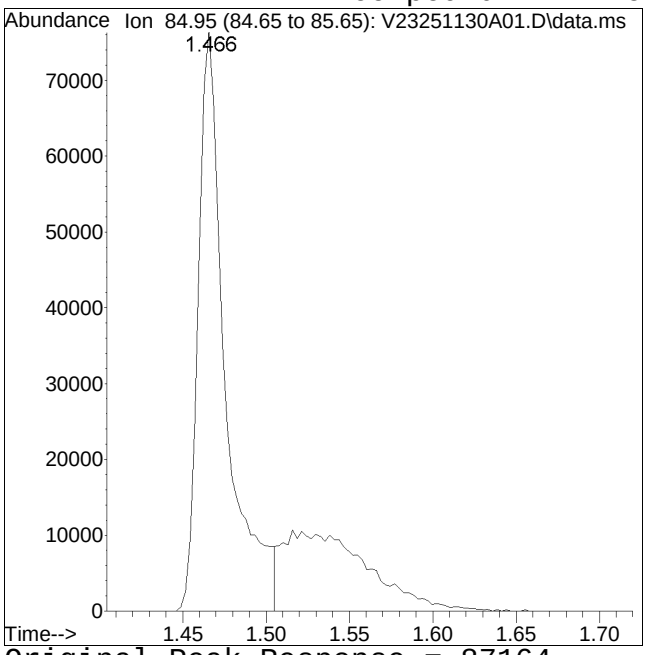
Sub List : 8260-CurveSoil - Megamix plus Diox30A01.D•

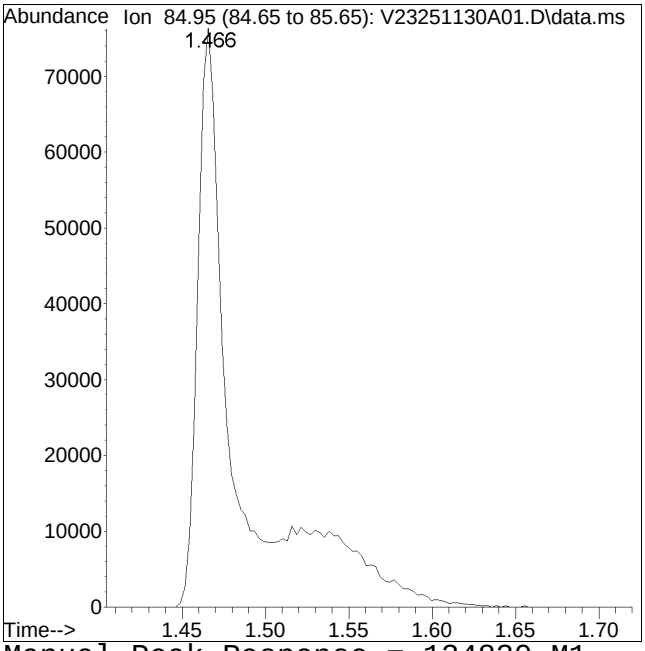


Manual Integration Report

Data Path	: K:\VOA123\2025\251130A\	QMethod	: V123_251103N_8260.m
Data File	: V23251130A01.D	Operator	: VOA123:RAW
Date Inj'd	: 11/30/2025 4:39 pm	Instrument	: VOA123
Sample	: WG2147797-2	Quant Date	: 11/30/2025 5:34 pm

Compound #2: Dichlorodifluoromethane





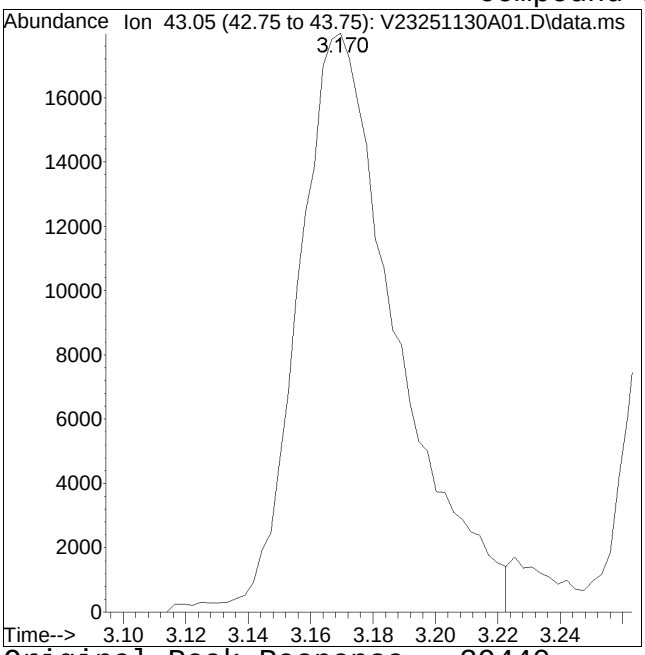
Original Peak Response = 87164 Manual Peak Response = 124830 M1

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

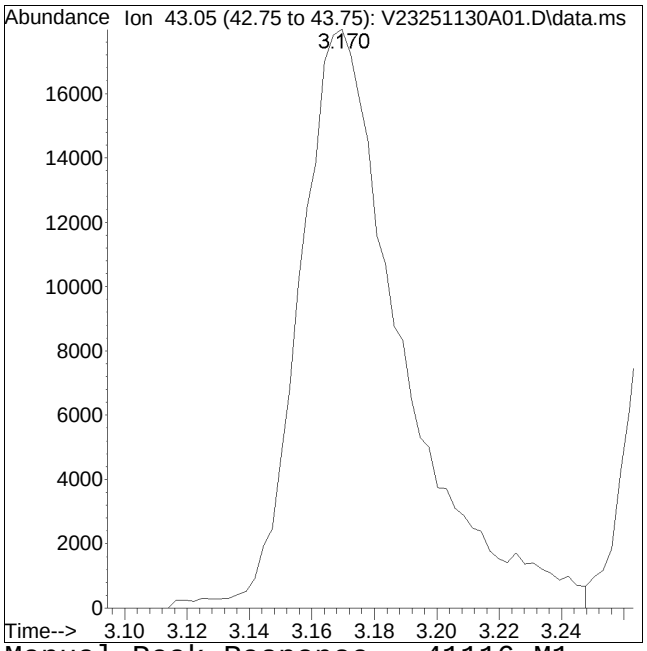
Manual Integration Report

Data Path	: K:\VOA123\2025\251130A\	QMethod	: V123_251103N_8260.m
Data File	: V23251130A01.D	Operator	: VOA123:RAW
Date Inj'd	: 11/30/2025 4:39 pm	Instrument	: VOA123
Sample	: WG2147797-2	Quant Date	: 11/30/2025 5:34 pm

Compound #17: Acetone



Original Peak Response = 39440



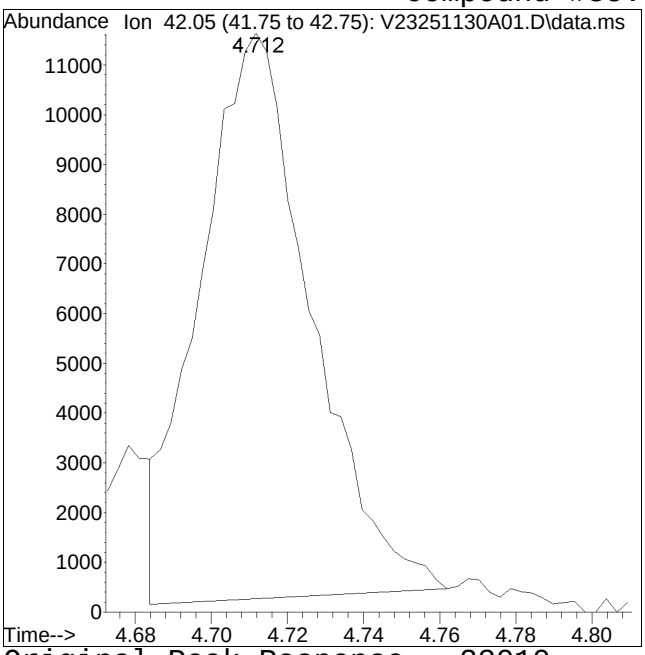
Manual Peak Response = 41116 M1

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

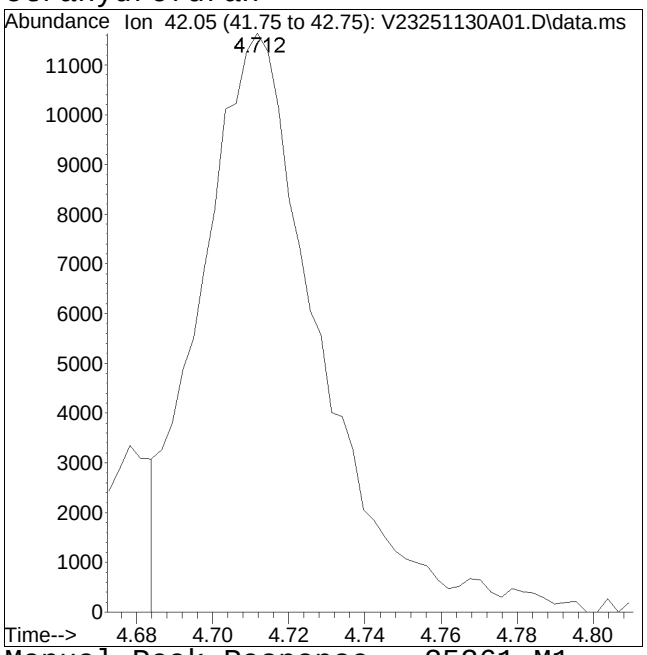
Manual Integration Report

Data Path	: K:\VOA123\2025\251130A\	QMethod	: V123_251103N_8260.m
Data File	: V23251130A01.D	Operator	: VOA123:RAW
Date Inj'd	: 11/30/2025 4:39 pm	Instrument	: VOA123
Sample	: WG2147797-2	Quant Date	: 11/30/2025 5:34 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 23010



Manual Peak Response = 25261 M1

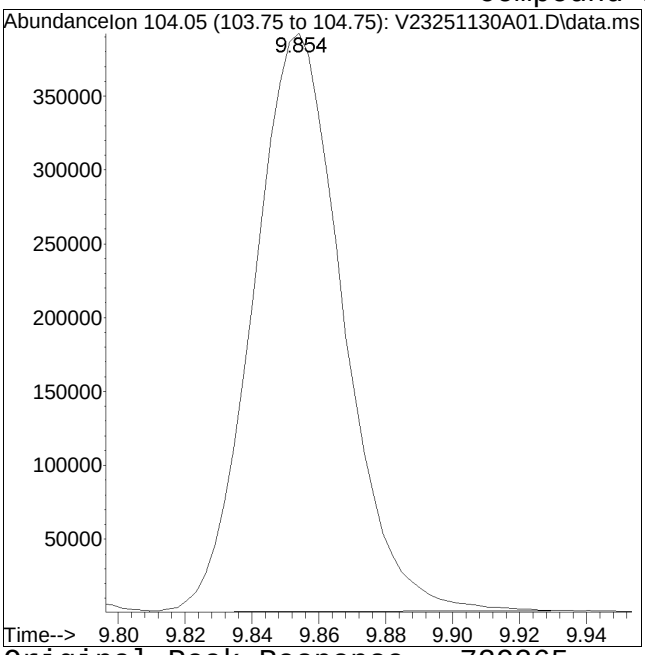
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

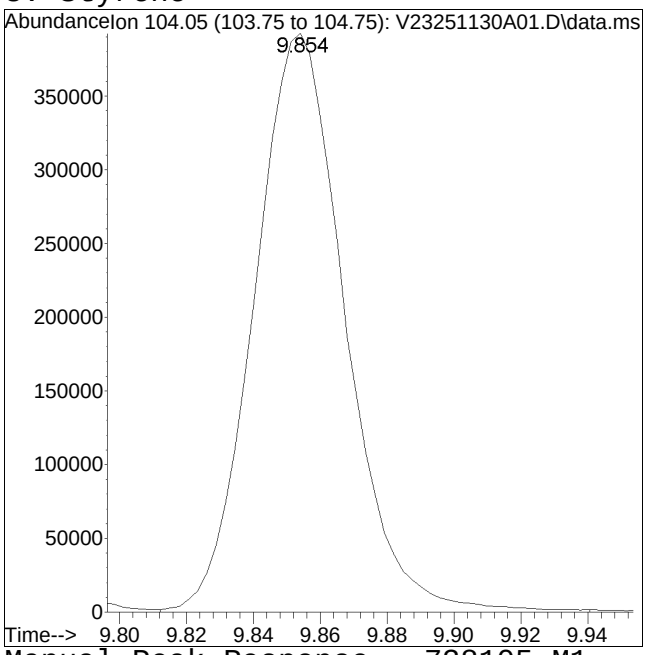
Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Date Inj'd : 11/30/2025 4:39 pm
Sample : WG2147797-2

QMethod : V123_251103N_8260.m
Operator : VOA123:RAW
Instrument : VOA123
Quant Date : 11/30/2025 5:34 pm

Compound #78: Styrene



Original Peak Response = 729265



Manual Peak Response = 738105 M1

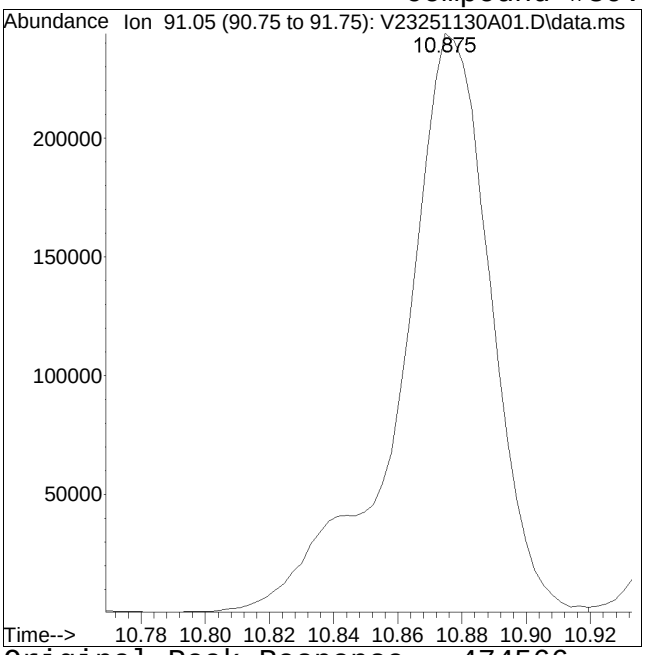
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

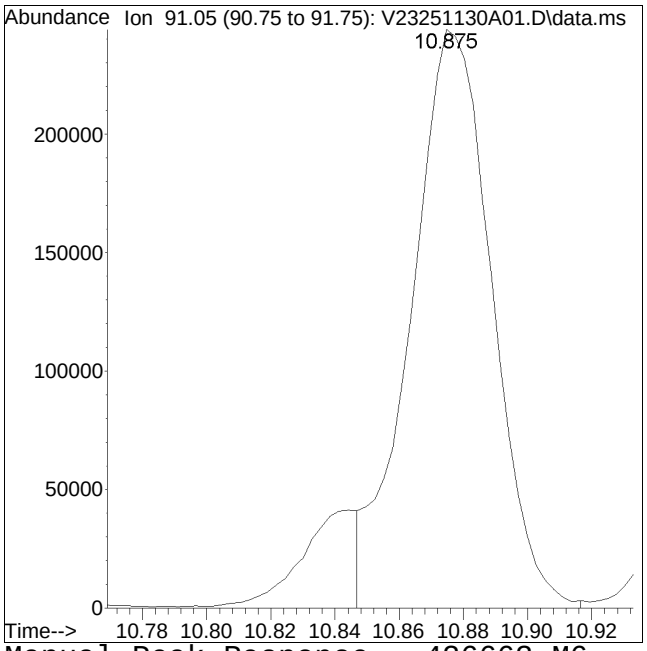
Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Date Inj'd : 11/30/2025 4:39 pm
Sample : WG2147797-2

QMethod : V123_251103N_8260.m
Operator : VOA123:RAW
Instrument : VOA123
Quant Date : 11/30/2025 5:34 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 474566



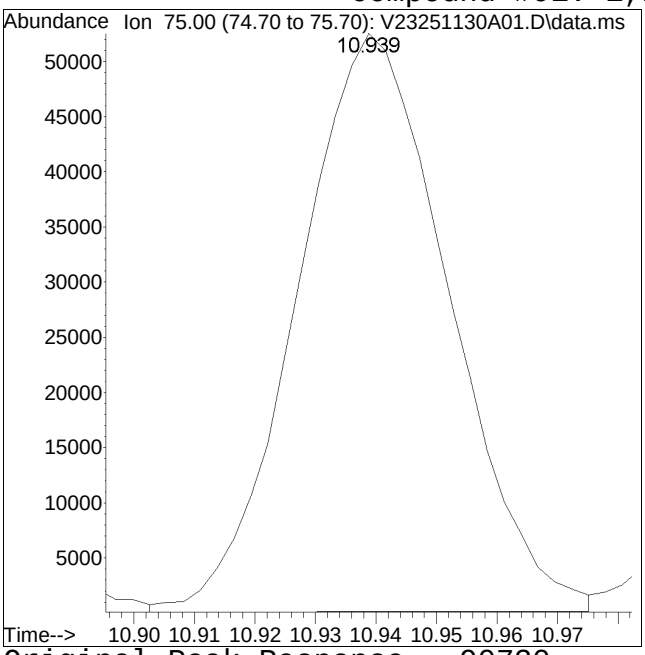
Manual Peak Response = 426663 M6

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

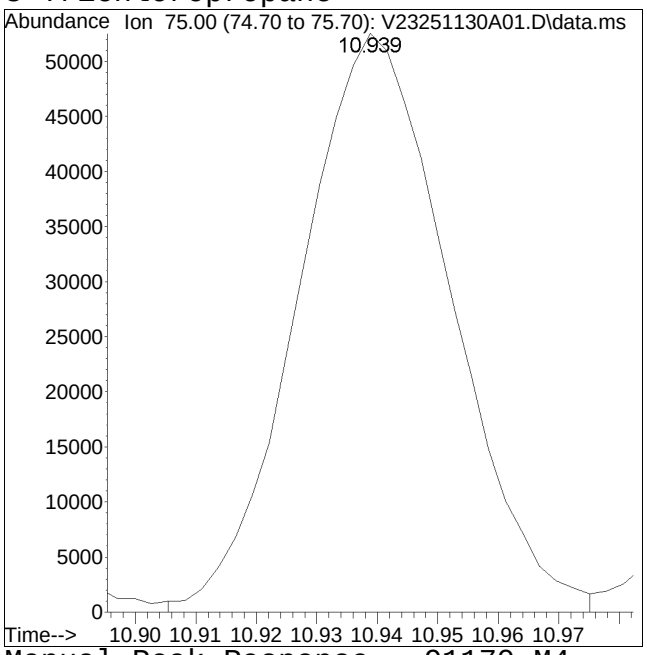
Manual Integration Report

Data Path	: K:\VOA123\2025\251130A\	QMethod	: V123_251103N_8260.m
Data File	: V23251130A01.D	Operator	: VOA123:RAW
Date Inj'd	: 11/30/2025 4:39 pm	Instrument	: VOA123
Sample	: WG2147797-2	Quant Date	: 11/30/2025 5:34 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 90730



Manual Peak Response = 91170 M4

M4 = Poor automated baseline construction.

Evaluate Continuing Calibration Report

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147799-2
Misc : WG2147799,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	108	0.00
2	TP	Dichlorodifluoromethane	0.220	0.287	-30.5#	137	0.00
3	TP	Chloromethane	0.240	0.291	-21.2#	128	0.00
4	TC	Vinyl chloride	0.260	0.351	-35.0#	139	0.00
5	TP	Bromomethane	0.166	0.283	-70.5#	186	0.00
6	TP	Chloroethane	0.180	0.235	-30.6#	140	0.00
7	TP	Trichlorofluoromethane	0.393	0.513	-30.5#	138	0.00
8	TP	Ethyl ether	0.132	0.148	-12.1	117	0.00
10	TC	1,1-Dichloroethene	0.208	0.247	-18.8	125	0.00
11	TP	Carbon disulfide	0.767	0.850	-10.8	125	0.00
12	TP	Freon-113	0.211	0.265	-25.6#	132	0.00
14	TP	Acrolein	0.026	0.027	-3.8	113	0.00
15	TP	Methylene chloride	0.270	0.283	-4.8	113	0.00
17	TP	Acetone	* 40.000	60.753	-51.9#	156	0.00
18	TP	trans-1,2-Dichloroethene	0.243	0.283	-16.5	120	0.00
19	TP	Methyl acetate	0.104	0.115	-10.6	115	0.00
20	TP	Methyl tert-butyl ether	0.694	0.750	-8.1	113	0.00
21	TP	tert-Butyl alcohol	0.019	0.021	-10.5	111	0.00
22	TP	Diisopropyl ether	0.750	0.834	-11.2	117	0.00
23	TP	1,1-Dichloroethane	0.447	0.512	-14.5	119	0.00
24	TP	Halothane	0.181	0.212	-17.1	123	0.00
25	TP	Acrylonitrile	0.054	0.061	-13.0	120	0.00
26	TP	Ethyl tert-butyl ether	0.760	0.842	-10.8	116	0.00
27	TP	Vinyl acetate	0.517	0.547	-5.8	109	0.00
28	TP	cis-1,2-Dichloroethene	0.279	0.309	-10.8	115	0.00
29	TP	2,2-Dichloropropane	0.368	0.441	-19.8	125	0.00
30	TP	Bromochloromethane	0.125	0.138	-10.4	113	0.00
31	TP	Cyclohexane	0.373	0.465	-24.7#	131	0.00
32	TC	Chloroform	0.547	0.516	5.7	113	0.00
33	TP	Ethyl acetate	0.175	0.187	-6.9	113	0.00
34	TP	Carbon tetrachloride	0.355	0.410	-15.5	121	0.00
35	TP	Tetrahydrofuran	0.055	0.058	-5.5	115	0.00
36	S	Dibromofluoromethane	0.252	0.250	0.8	106	0.00
37	TP	1,1,1-Trichloroethane	0.378	0.463	-22.5#	123	0.00
39	TP	2-Butanone	0.076	0.076	0.0	117	0.00
40	TP	1,1-Dichloropropene	0.295	0.378	-28.1#	131	0.00
41	TP	Benzene	0.932	1.072	-15.0	117	0.00
42	TP	tert-Amyl methyl ether	0.674	0.720	-6.8	111	0.00
43	S	1,2-Dichloroethane-d4	0.258	0.241	6.6	102	0.00

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147799-2
Misc : WG2147799,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.340	0.361	-6.2	111	0.00
47	TP	Methyl cyclohexane	0.403	0.490	-21.6#	126	0.00
48	TP	Trichloroethene	0.256	0.304	-18.7	121	0.00
50	TP	Dibromomethane	0.152	0.158	-3.9	107	0.00
51	TC	1,2-Dichloropropane	0.257	0.279	-8.6	113	0.00
53	TP	2-Chloroethyl vinyl ether	0.106	0.075	29.2#	68	0.00
54	TP	Bromodichloromethane	0.360	0.392	-8.9	110	0.00
57	TP	1,4-Dioxane	0.00149	0.00185#	-24.2#	123	0.01
58	TP	cis-1,3-Dichloropropene	0.396	0.440	-11.1	109	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
60	S	Toluene-d8	1.353	1.286	5.0	103	0.00
61	TC	Toluene	0.850	0.942	-10.8	116	0.00
62	TP	4-Methyl-2-pentanone	0.091	0.095	-4.4	104	0.00
63	TP	Tetrachloroethene	0.366	0.458	-25.1#	126	0.00
65	TP	trans-1,3-Dichloropropene	0.479	0.518	-8.1	107	0.00
67	TP	Ethyl methacrylate	0.361	0.371	-2.8	102	0.00
68	TP	1,1,2-Trichloroethane	0.244	0.256	-4.9	110	0.00
69	TP	Chlorodibromomethane	0.351	0.387	-10.3	109	0.00
70	TP	1,3-Dichloropropane	0.482	0.505	-4.8	109	0.00
71	TP	1,2-Dibromoethane	0.271	0.301	-11.1	108	0.00
72	TP	2-Hexanone	0.162	0.154	4.9	105	0.00
73	TP	Chlorobenzene	0.972	1.078	-10.9	114	0.00
74	TC	Ethylbenzene	1.683	1.861	-10.6	118	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.355	0.397	-11.8	111	0.00
76	TP	p/m Xylene	0.629	0.727	-15.6	118	0.00
77	TP	o Xylene	0.635	0.704	-10.9	114	0.00
78	TP	Styrene	1.070	1.166	-9.0	110	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	112	0.00
80	TP	Bromoform	0.434	0.435	-0.2	107	0.00
82	TP	Isopropylbenzene	2.998	3.388	-13.0	120	0.00
83	S	4-Bromofluorobenzene	0.894	0.854	4.5	106	0.00
84	TP	Bromobenzene	0.808	0.844	-4.5	112	0.00
85	TP	n-Propylbenzene	3.569	3.981	-11.5	119	0.00
86	TP	1,4-Dichlorobutane	0.911	0.908	0.3	109	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.660	0.667	-1.1	108	0.00
88	TP	4-Ethyltoluene	2.970	3.334	-12.3	118	0.00
89	TP	2-Chlorotoluene	2.229	2.411	-8.2	117	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147799-2
Misc : WG2147799,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 TP	1,3,5-Trimethylbenzene	2.635	2.873	-9.0	116	0.00
91 TP	1,2,3-Trichloropropane	0.522	0.515	1.3	108	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.184	0.185	-0.5	109	0.00
93 TP	4-Chlorotoluene	2.265	2.404	-6.1	113	0.00
94 TP	tert-Butylbenzene	2.206	2.461	-11.6	118	0.00
97 TP	1,2,4-Trimethylbenzene	2.619	2.842	-8.5	115	0.00
98 TP	sec-Butylbenzene	3.300	3.734	-13.2	120	0.00
99 TP	p-Isopropyltoluene	2.858	3.244	-13.5	120	0.00
100 TP	1,3-Dichlorobenzene	1.528	1.675	-9.6	116	0.00
101 TP	1,4-Dichlorobenzene	1.565	1.665	-6.4	114	0.00
102 TP	p-Diethylbenzene	1.692	1.951	-15.3	121	0.00
103 TP	n-Butylbenzene	2.564	3.058	-19.3	125	0.00
104 TP	1,2-Dichlorobenzene	1.432	1.526	-6.6	112	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.755	3.042	-10.4	115	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.101	0.097	4.0	103	0.00
107 TP	1,3,5-Trichlorobenzene	1.176	1.376	-17.0	124	0.00
108 TP	Hexachlorobutadiene	0.586	0.695	-18.6	126	0.00
109 TP	1,2,4-Trichlorobenzene	1.032	1.162	-12.6	117	0.00
110 TP	Naphthalene	1.978	2.062	-4.2	110	0.00
111 TP	1,2,3-Trichlorobenzene	0.884	0.962	-8.8	112	0.00

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147799-2
Misc : WG2147799,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.518	96	217255	20.000	ug/L	0.00
Standard Area 1 = 217255			Recovery = 100.00%			
59) Chlorobenzene-d5	8.990	117	158239	20.000	ug/L	0.00
Standard Area 1 = 158239			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	11.798	152	88479	20.000	ug/L	0.00
Standard Area 1 = 88479			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.731	113	54289	19.838	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.19%			
43) 1,2-Dichloroethane-d4	5.239	65	52446	18.723	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.61%			
60) Toluene-d8	7.174	98	203522	19.019	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.09%			
83) 4-Bromofluorobenzene	10.537	95	75528	19.094	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.47%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	124830M1	52.166	ug/L	
3) Chloromethane	1.661	50	126424	48.575	ug/L	98
4) Vinyl chloride	1.692	62	152317	53.916	ug/L	90
5) Bromomethane	1.965	94	122876	68.000	ug/L	100
6) Chloroethane	2.071	64	102235	52.215	ug/L	97
7) Trichlorofluoromethane	2.191	101	223005	52.187	ug/L	100
8) Ethyl ether	2.453	74	64142	44.889	ug/L	90
10) 1,1-Dichloroethene	2.626	96	107370	47.492	ug/L	91
11) Carbon disulfide	2.656	76	369496	44.363	ug/L	97
12) Freon-113	2.662	101	115021	50.145	ug/L	97
14) Acrolein	2.916	56	11928	41.890	ug/L	97
15) Methylene chloride	3.133	84	122867	41.865	ug/L	90
17) Acetone	3.170	43	41116M1	60.753	ug/L	
18) trans-1,2-Dichloroethene	3.276	96	123034	46.551	ug/L	96
19) Methyl acetate	3.284	43	50117	44.311	ug/L #	89
20) Methyl tert-butyl ether	3.362	73	325768	43.224	ug/L	95
21) tert-Butyl alcohol	3.443	59	46095	223.170	ug/L	99
22) Diisopropyl ether	3.699	45	362491	44.515	ug/L	95
23) 1,1-Dichloroethane	3.817	63	222534	45.787	ug/L	100
24) Halothane	3.870	117	92321	46.903	ug/L	100
25) Acrylonitrile	3.864	53	26487	45.215	ug/L #	88

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147799-2
Misc : WG2147799,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.031	59	365696	44.315	ug/L		91
27) Vinyl acetate	4.042	43	237479	42.250	ug/L		94
28) cis-1,2-Dichloroethene	4.310	96	134239	44.316	ug/L		96
29) 2,2-Dichloropropane	4.405	77	191517	47.878	ug/L		92
30) Bromochloromethane	4.494	128	59836	44.232	ug/L		97
31) Cyclohexane	4.500	56	201898	49.842	ug/L		95
32) Chloroform	4.561	83	224369	37.744	ug/L		96
33) Ethyl acetate	4.673	43	81117	42.661	ug/L		99
34) Carbon tetrachloride	4.695	117	178078	46.240	ug/L		100
35) Tetrahydrofuran	4.712	42	25261M1	41.946	ug/L		
37) 1,1,1-Trichloroethane	4.756	97	201171	48.949	ug/L		98
39) 2-Butanone	4.848	43	33141	40.166	ug/L	#	72
40) 1,1-Dichloropropene	4.876	75	164459	51.398	ug/L		99
41) Benzene	5.111	78	465902	46.002	ug/L		97
42) tert-Amyl methyl ether	5.219	73	312977	42.738	ug/L		96
44) 1,2-Dichloroethane	5.306	62	156814	42.447	ug/L		98
47) Methyl cyclohexane	5.679	83	213121	48.716	ug/L		92
48) Trichloroethene	5.691	95	132222	47.562	ug/L		99
50) Dibromomethane	6.114	93	68748	41.620	ug/L		98
51) 1,2-Dichloropropane	6.215	63	121340	43.523	ug/L		100
53) 2-Chloroethyl vinyl ether	6.909	63	32496	28.215	ug/L		94
54) Bromodichloromethane	6.290	83	170141	43.466	ug/L		99
57) 1,4-Dioxane	6.516	88	40273	2491.073	ug/L		95
58) cis-1,3-Dichloropropene	6.971	75	191390	44.443	ug/L	#	91
61) Toluene	7.230	92	298175	44.326	ug/L		100
62) 4-Methyl-2-pentanone	7.665	58	30172	42.128	ug/L	#	80
63) Tetrachloroethene	7.673	166	145089	50.141	ug/L		99
65) trans-1,3-Dichloropropene	7.710	75	163849	43.243	ug/L		99
67) Ethyl methacrylate	7.908	69	117337	41.073	ug/L		90
68) 1,1,2-Trichloroethane	7.891	83	81148	42.002	ug/L		99
69) Chlorodibromomethane	8.094	129	122462	44.123	ug/L		98
70) 1,3-Dichloropropane	8.206	76	159840	41.902	ug/L		100
71) 1,2-Dibromoethane	8.362	107	95130	44.359	ug/L		99
72) 2-Hexanone	8.669	43	48852	38.000	ug/L		91
73) Chlorobenzene	9.009	112	341068	44.367	ug/L	#	86
74) Ethylbenzene	9.054	91	589038	44.235	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.096	131	125664	44.738	ug/L		99
76) p/m Xylene	9.241	106	460305	92.452	ug/L		100
77) o Xylene	9.782	106	445645	88.689	ug/L		100
78) Styrene	9.854	104	738105M1	87.176	ug/L		

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147799-2
Misc : WG2147799,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.865	173	76964	40.074	ug/L		100
82) Isopropylbenzene	10.197	105	599582	45.206	ug/L		99
84) Bromobenzene	10.649	156	149390	41.782	ug/L		99
85) n-Propylbenzene	10.707	91	704398	44.613	ug/L		99
86) 1,4-Dichlorobutane	10.719	55	160599	39.857	ug/L		95
87) 1,1,2,2-Tetrachloroethane	10.799	83	118041	40.443	ug/L		99
88) 4-Ethyltoluene	10.841	105	590021	44.905	ug/L		100
89) 2-Chlorotoluene	10.875	91	426663M6	43.276	ug/L		
90) 1,3,5-Trimethylbenzene	10.950	105	508400	43.620	ug/L		99
91) 1,2,3-Trichloropropane	10.939	75	91170M4	39.512	ug/L		
92) trans-1,4-Dichloro-2-b...	11.003	53	32664	40.057	ug/L	#	80
93) 4-Chlorotoluene	11.070	91	425469	42.463	ug/L		99
94) tert-Butylbenzene	11.299	119	435580	44.635	ug/L		99
97) 1,2,4-Trimethylbenzene	11.382	105	502969	43.417	ug/L		99
98) sec-Butylbenzene	11.497	105	660844	45.267	ug/L		100
99) p-Isopropyltoluene	11.661	119	573975	45.397	ug/L		99
100) 1,3-Dichlorobenzene	11.720	146	296442	43.854	ug/L		99
101) 1,4-Dichlorobenzene	11.817	146	294709	42.553	ug/L		98
102) p-Diethylbenzene	12.049	119	345207	46.114	ug/L		99
103) n-Butylbenzene	12.107	91	541147	47.712	ug/L		99
104) 1,2-Dichlorobenzene	12.250	146	270050	42.619	ug/L		99
105) 1,2,4,5-Tetramethylben...	12.860	119	538239	44.158	ug/L		99
106) 1,2-Dibromo-3-chloropr...	13.044	155	17099	38.290	ug/L		96
107) 1,3,5-Trichlorobenzene	13.081	180	243464	46.780	ug/L		99
108) Hexachlorobutadiene	13.669	225	122997	47.448	ug/L		99
109) 1,2,4-Trichlorobenzene	13.688	180	205578	45.020	ug/L		99
110) Naphthalene	13.979	128	364877	41.694	ug/L		100
111) 1,2,3-Trichlorobenzene	14.149	180	170150	43.517	ug/L		98

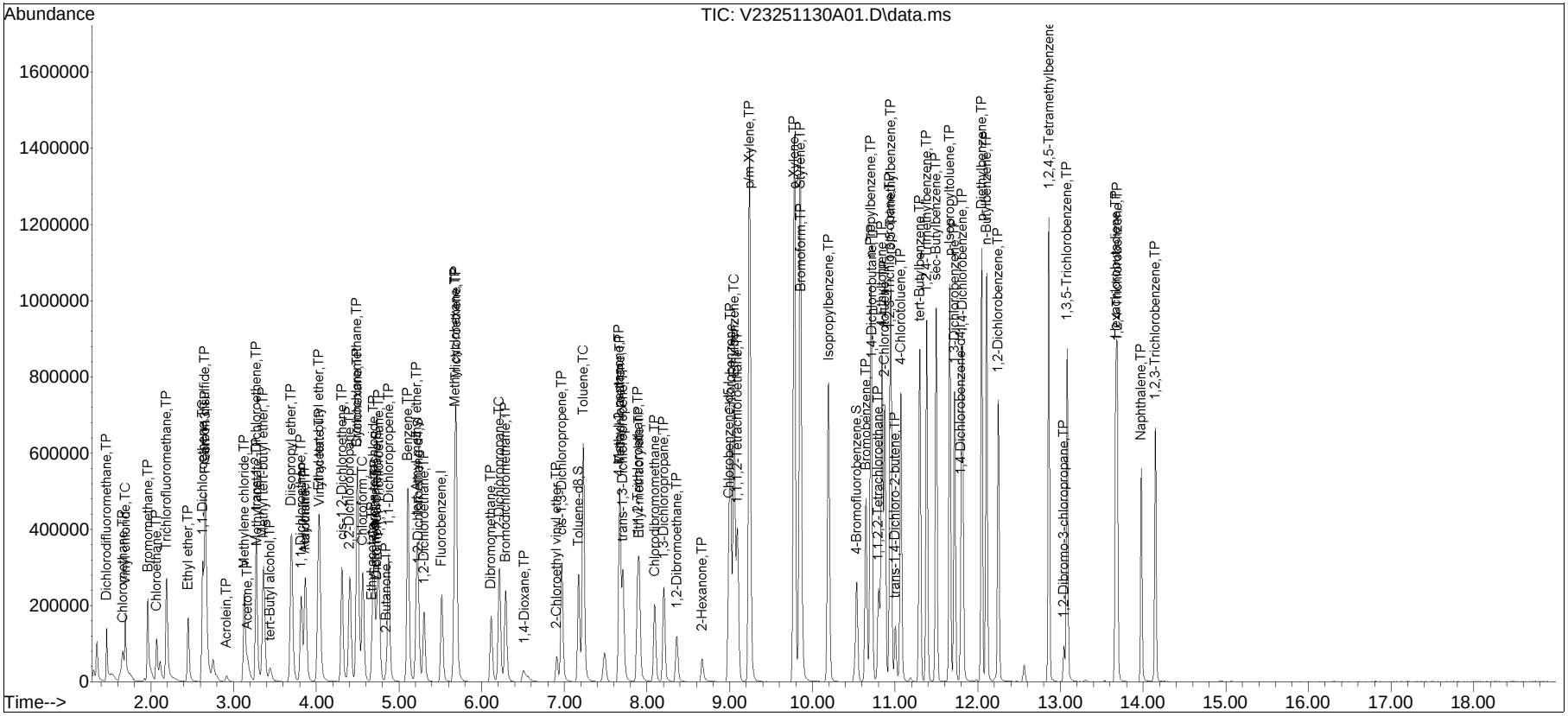
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147799-2
Misc : WG2147799,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

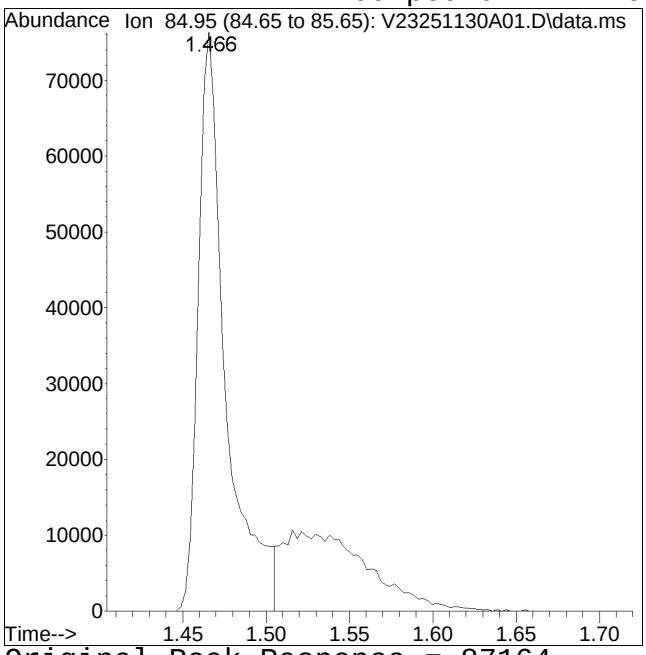
Sub List : 8260-CurveSoil - Megamix plus Diox30A01.D•

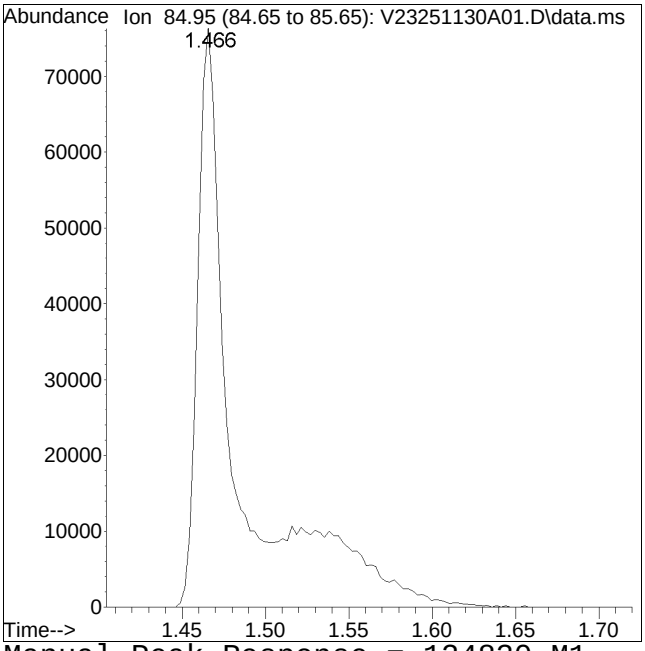


Manual Integration Report

Data Path	: K:\VOA123\2025\251130A\	QMethod	: V123_251103N_8260.m
Data File	: V23251130A01.D	Operator	: VOA123:RAW
Date Inj'd	: 11/30/2025 4:39 pm	Instrument	: VOA123
Sample	: WG2147799-2	Quant Date	: 11/30/2025 5:34 pm

Compound #2: Dichlorodifluoromethane





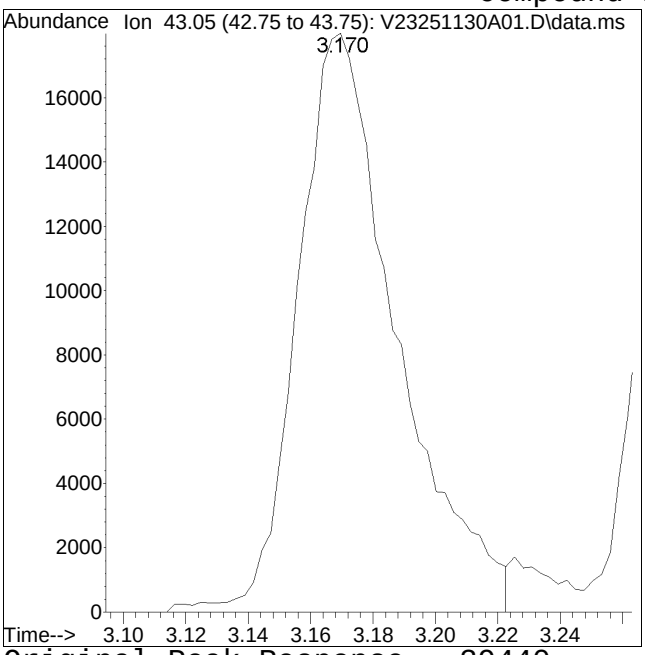
Original Peak Response = 87164 Manual Peak Response = 124830 M1

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

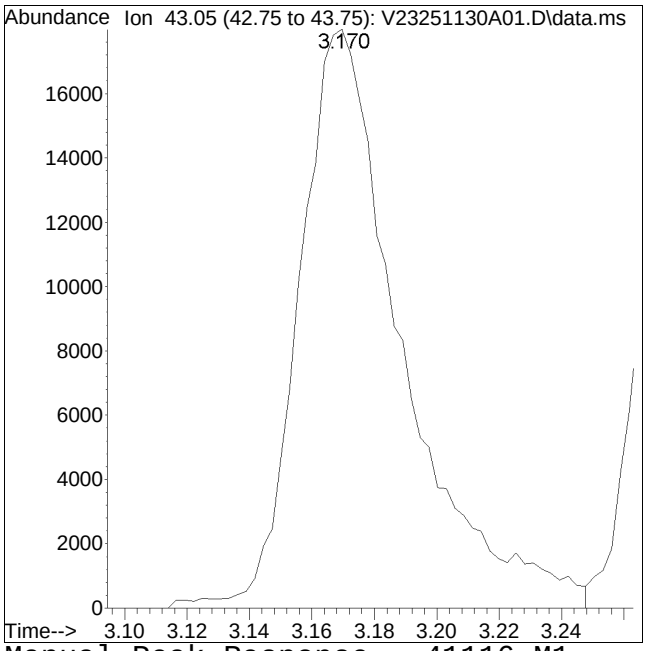
Manual Integration Report

Data Path	: K:\VOA123\2025\251130A\	QMethod	: V123_251103N_8260.m
Data File	: V23251130A01.D	Operator	: VOA123:RAW
Date Inj'd	: 11/30/2025 4:39 pm	Instrument	: VOA123
Sample	: WG2147799-2	Quant Date	: 11/30/2025 5:34 pm

Compound #17: Acetone



Original Peak Response = 39440



Manual Peak Response = 41116 M1

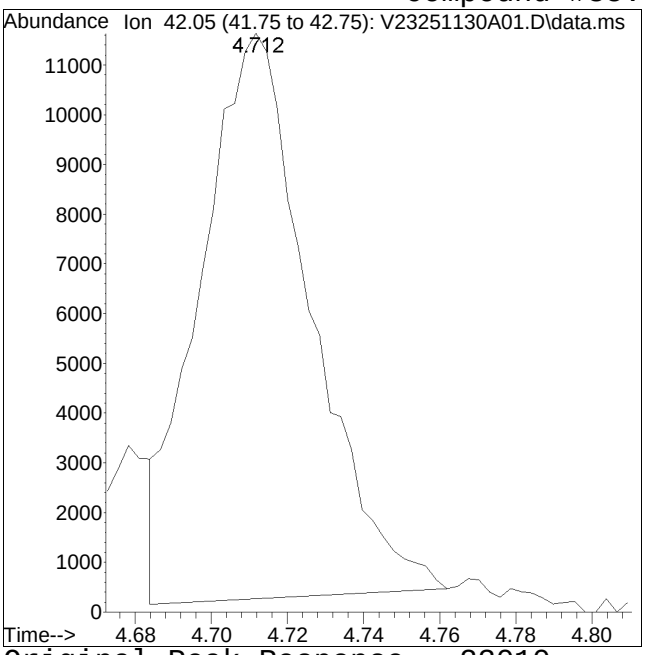
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

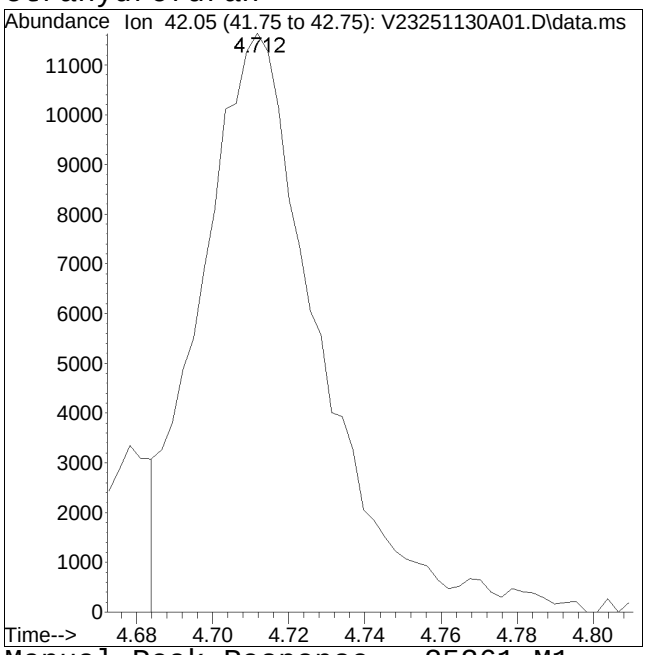
Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Date Inj'd : 11/30/2025 4:39 pm
Sample : WG2147799-2

QMethod : V123_251103N_8260.m
Operator : VOA123:RAW
Instrument : VOA123
Quant Date : 11/30/2025 5:34 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 23010



Manual Peak Response = 25261 M1

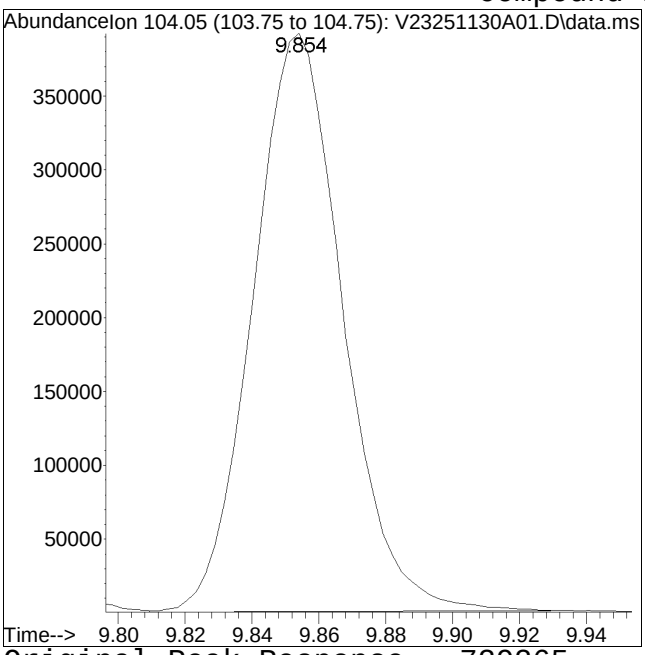
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

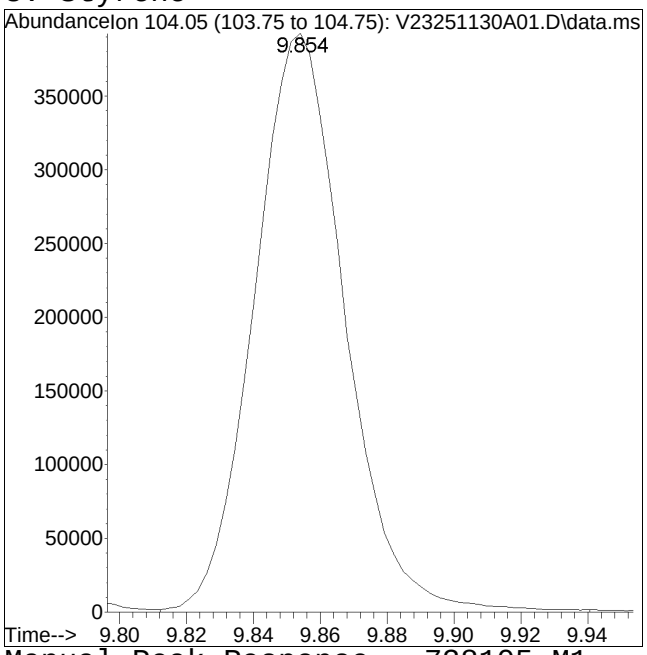
Manual Integration Report

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Date Inj'd : 11/30/2025 4:39 pm
Sample : WG2147799-2

QMethod : V123_251103N_8260.m
Operator : VOA123:RAW
Instrument : VOA123
Quant Date : 11/30/2025 5:34 pm

Compound #78: Styrene





Original Peak Response = 729265 Manual Peak Response = 738105 M1

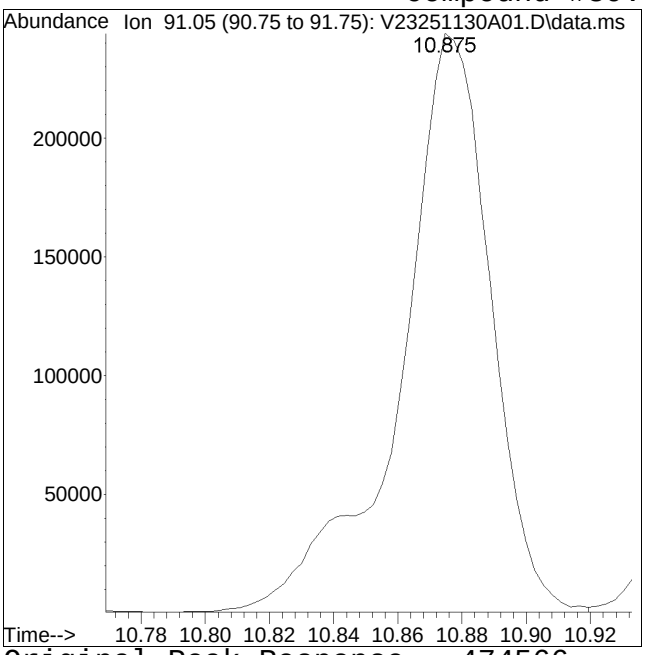
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

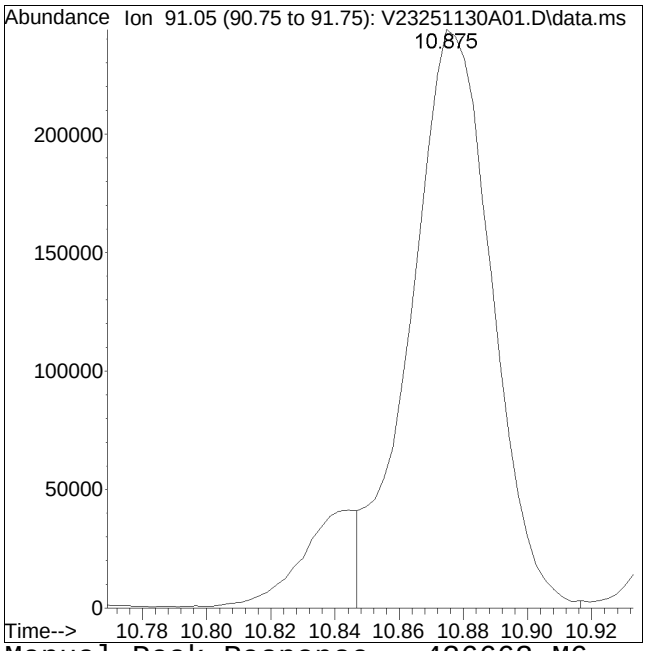
Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Date Inj'd : 11/30/2025 4:39 pm
Sample : WG2147799-2

QMethod : V123_251103N_8260.m
Operator : VOA123:RAW
Instrument : VOA123
Quant Date : 11/30/2025 5:34 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 474566



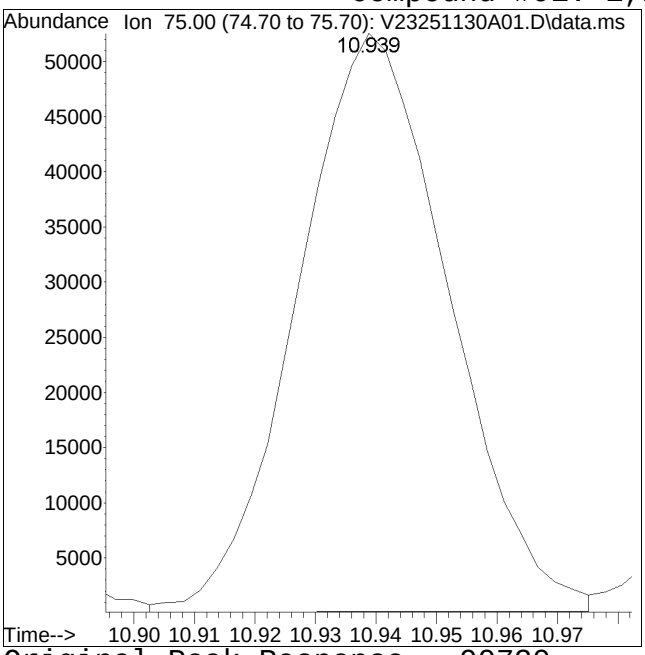
Manual Peak Response = 426663 M6

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

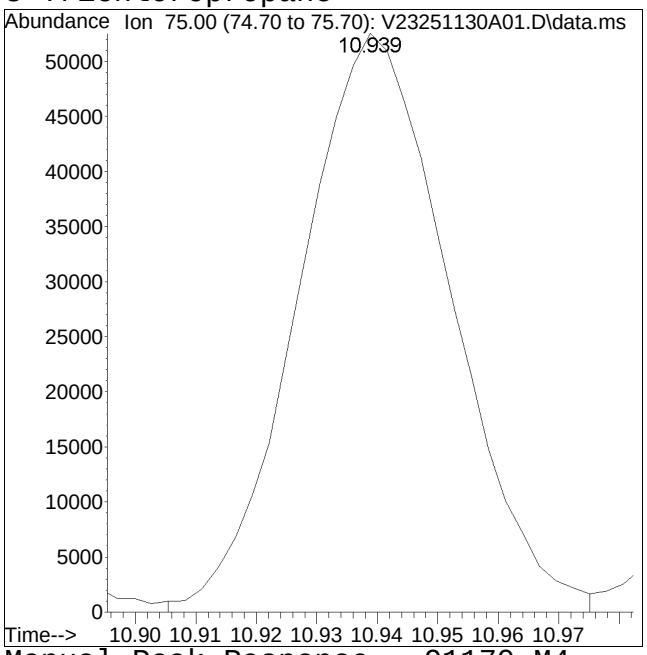
Manual Integration Report

Data Path	: K:\VOA123\2025\251130A\	QMethod	: V123_251103N_8260.m
Data File	: V23251130A01.D	Operator	: VOA123:RAW
Date Inj'd	: 11/30/2025 4:39 pm	Instrument	: VOA123
Sample	: WG2147799-2	Quant Date	: 11/30/2025 5:34 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 90730



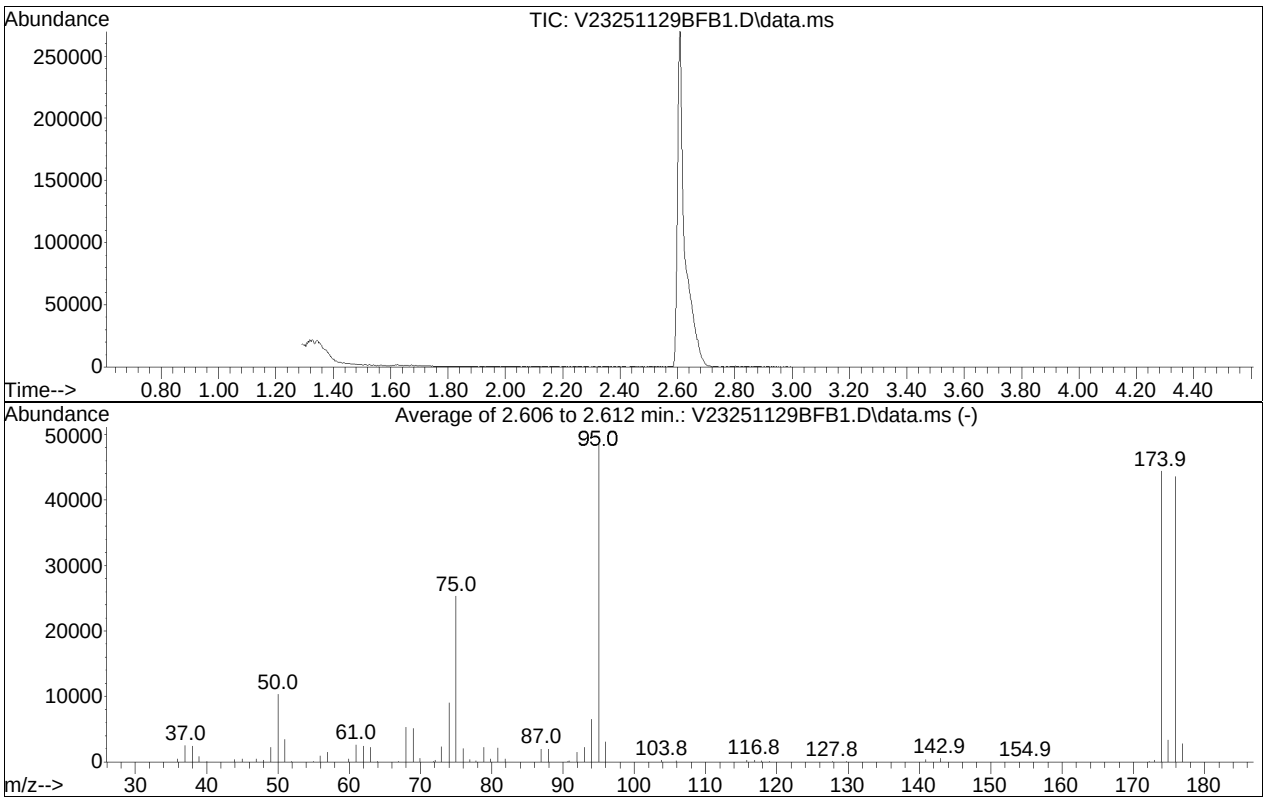
Manual Peak Response = 91170 M4

M4 = Poor automated baseline construction.

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129BFB1.D
Acq On : 29 Nov 2025 09:28 am
Operator : VOA123:MNF
Sample : WG2148015-1
Misc : WG2148015,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025



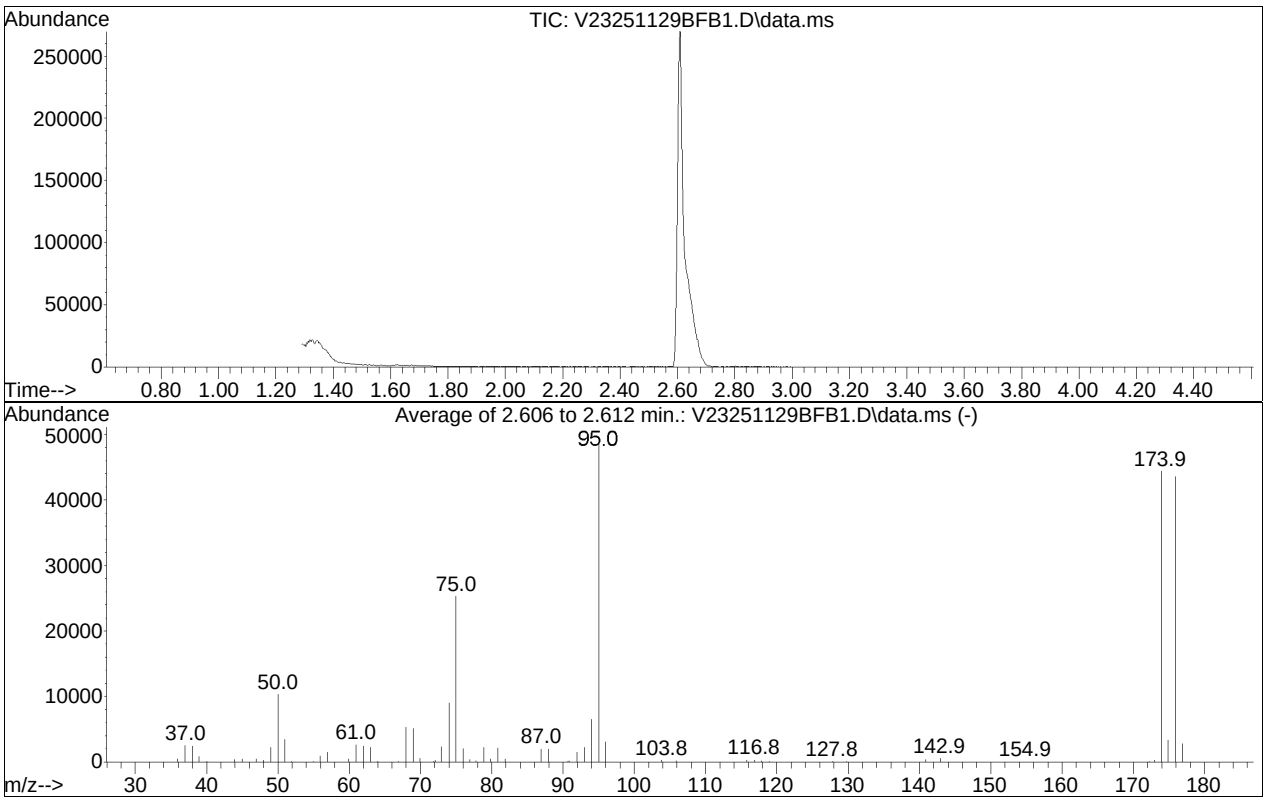
Spectrum Information: Average of 2.606 to 2.612 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.3	10392	PASS
75	95	30	60	51.9	25315	PASS
95	95	100	100	100.0	48733	PASS
96	95	5	9	6.5	3151	PASS
173	174	0.00	2	0.6	267	PASS
174	95	50	100	91.2	44421	PASS
175	174	5	9	7.6	3379	PASS
176	174	95	101	98.1	43563	PASS
177	176	5	9	6.5	2853	PASS

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129BFB1.D
Acq On : 29 Nov 2025 09:28 am
Operator : VOA123:MNF
Sample : WG2148016-1
Misc : WG2148016,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025



Spectrum Information: Average of 2.606 to 2.612 min.

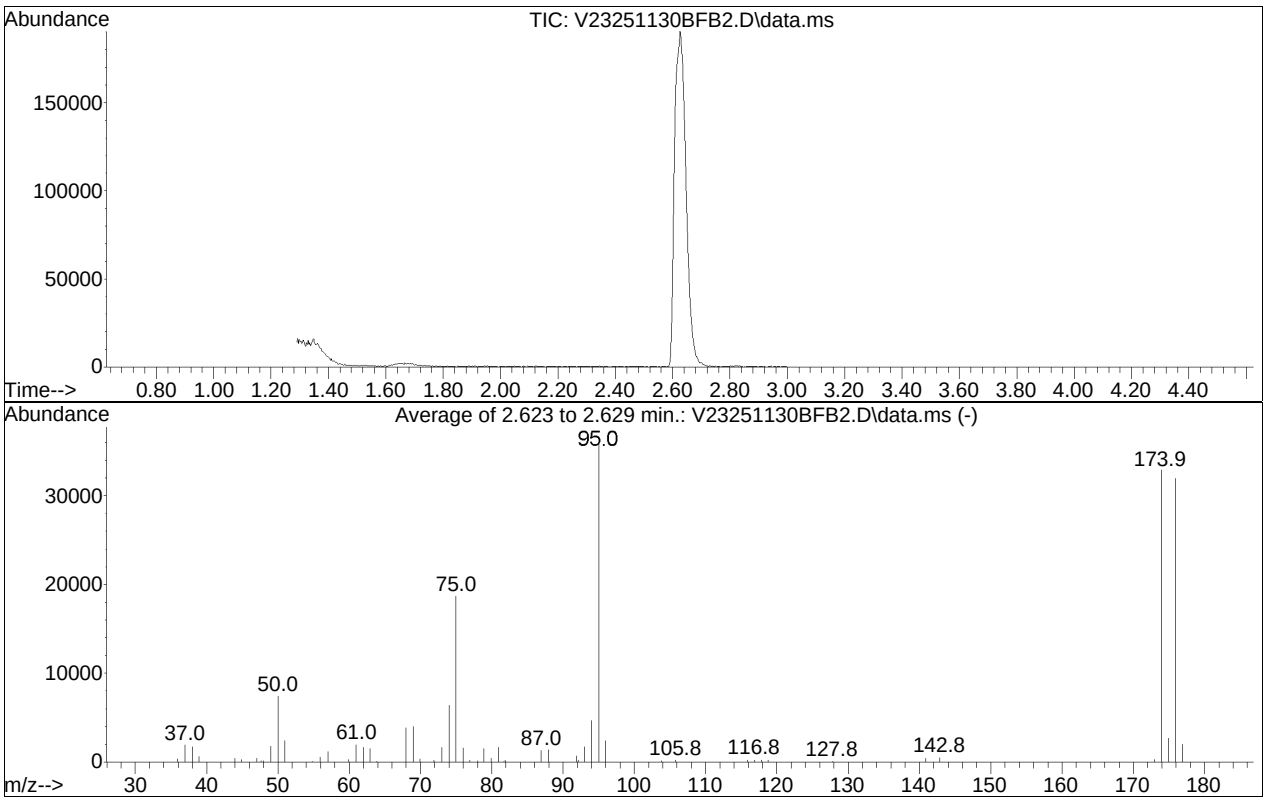
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.3	10392	PASS
75	95	30	60	51.9	25315	PASS
95	95	100	100	100.0	48733	PASS
96	95	5	9	6.5	3151	PASS
173	174	0.00	2	0.6	267	PASS
174	95	50	100	91.2	44421	PASS
175	174	5	9	7.6	3379	PASS
176	174	95	101	98.1	43563	PASS
177	176	5	9	6.5	2853	PASS

BFB

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130BFB2.D
Acq On : 30 Nov 2025 04:16 pm
Operator : VOA123:RAW
Sample : WG2147797-1
Misc : WG2147797,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025



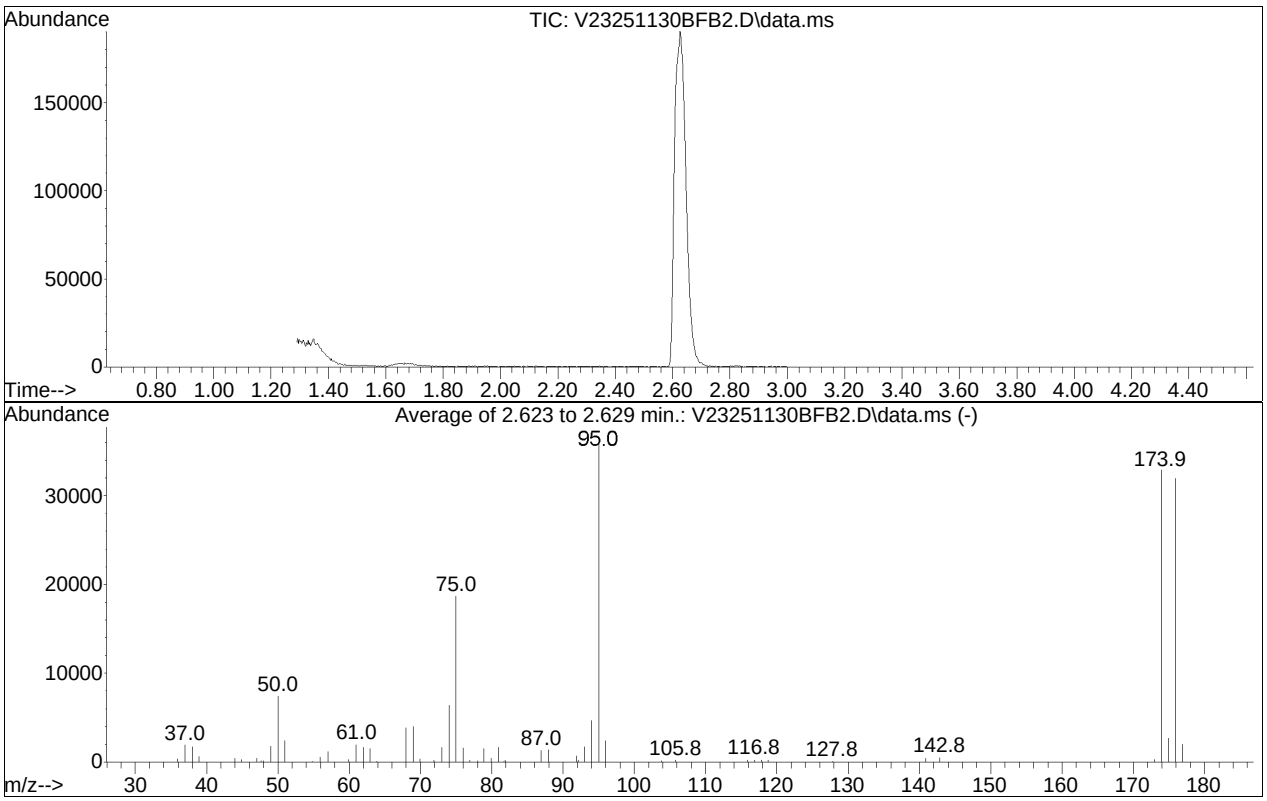
Spectrum Information: Average of 2.623 to 2.629 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.8	7473	PASS
75	95	30	60	52.1	18747	PASS
95	95	100	100	100.0	35976	PASS
96	95	5	9	6.8	2456	PASS
173	174	0.00	2	0.9	311	PASS
174	95	50	100	91.4	32885	PASS
175	174	5	9	8.1	2671	PASS
176	174	95	101	97.2	31957	PASS
177	176	5	9	6.3	2012	PASS

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130BFB2.D
Acq On : 30 Nov 2025 04:16 pm
Operator : VOA123:RAW
Sample : WG2147799-1
Misc : WG2147799,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025



Spectrum Information: Average of 2.623 to 2.629 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.8	7473	PASS
75	95	30	60	52.1	18747	PASS
95	95	100	100	100.0	35976	PASS
96	95	5	9	6.8	2456	PASS
173	174	0.00	2	0.9	311	PASS
174	95	50	100	91.4	32885	PASS
175	174	5	9	8.1	2671	PASS
176	174	95	101	97.2	31957	PASS
177	176	5	9	6.3	2012	PASS

Volatiles Raw QC Data

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A05.D
Acq On : 29 Nov 2025 11:35 am
Operator : VOA123:MNF
Sample : WG2148015-5,31,5,5
Misc : WG2148015,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 30 13:31:25 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.518	96	180652	20.000	ug/L	0.00
Standard Area 1 = 206936			Recovery = 87.30%			
59) Chlorobenzene-d5	8.992	117	129026	20.000	ug/L	0.00
Standard Area 1 = 154785			Recovery = 83.36%			
79) 1,4-Dichlorobenzene-d4	11.806	152	70089	20.000	ug/L	0.00
Standard Area 1 = 86212			Recovery = 81.30%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.734	113	43626	19.172	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.86%			
43) 1,2-Dichloroethane-d4	5.236	65	44547	19.126	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.63%			
60) Toluene-d8	7.174	98	167110	19.152	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.76%			
83) 4-Bromofluorobenzene	10.540	95	58249	18.589	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.94%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.307	85	130	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.987	94	26	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.648	76	647	N.D.		
15) Methylene chloride	3.125	84	596M1	0.244	ug/L	
17) Acetone	3.178	43	328	Below Cal #		39
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	4.497	77	31	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	4.572	83	152	N.D.		

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A05.D
Acq On : 29 Nov 2025 11:35 am
Operator : VOA123:MNF
Sample : WG2148015-5,31,5,5
Misc : WG2148015,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 30 13:31:25 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	5.573	95	169		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	8.995	91	137		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.219	105	26		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	10.551	91	32		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	11.137	91	26		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A05.D
Acq On : 29 Nov 2025 11:35 am
Operator : VOA123:MNF
Sample : WG2148015-5,31,5,5
Misc : WG2148015,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 30 13:31:25 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	0.000		0	N.D.		
98) sec-Butylbenzene	0.000		0	N.D.		
99) p-Isopropyltoluene	11.672	119	53	N.D.		
100) 1,3-Dichlorobenzene	11.742	146	87	N.D.		
101) 1,4-Dichlorobenzene	11.820	146	227	N.D.		
102) p-Diethylbenzene	0.000		0	N.D.		
103) n-Butylbenzene	12.135	91	27	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
105) 1,2,4,5-Tetramethylben...	12.874	119	240	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	13.669	225	125	N.D.		
109) 1,2,4-Trichlorobenzene	13.708	180	68	N.D.		
110) Naphthalene	14.009	128	1553M1	0.224	ug/L	
111) 1,2,3-Trichlorobenzene	14.163	180	606	0.196	ug/L #	80

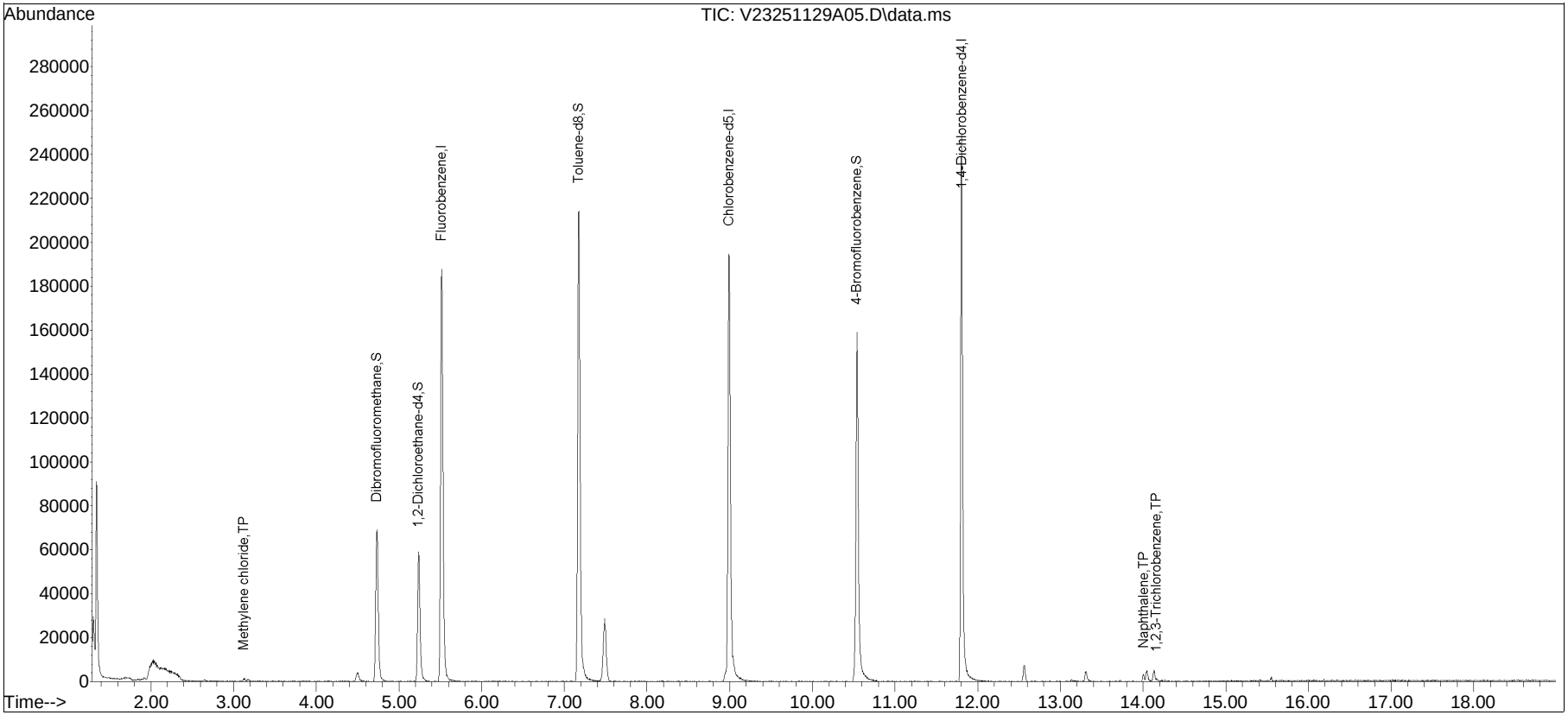
(#) = qualifier out of range (m) = manual integration (+) = signals summed

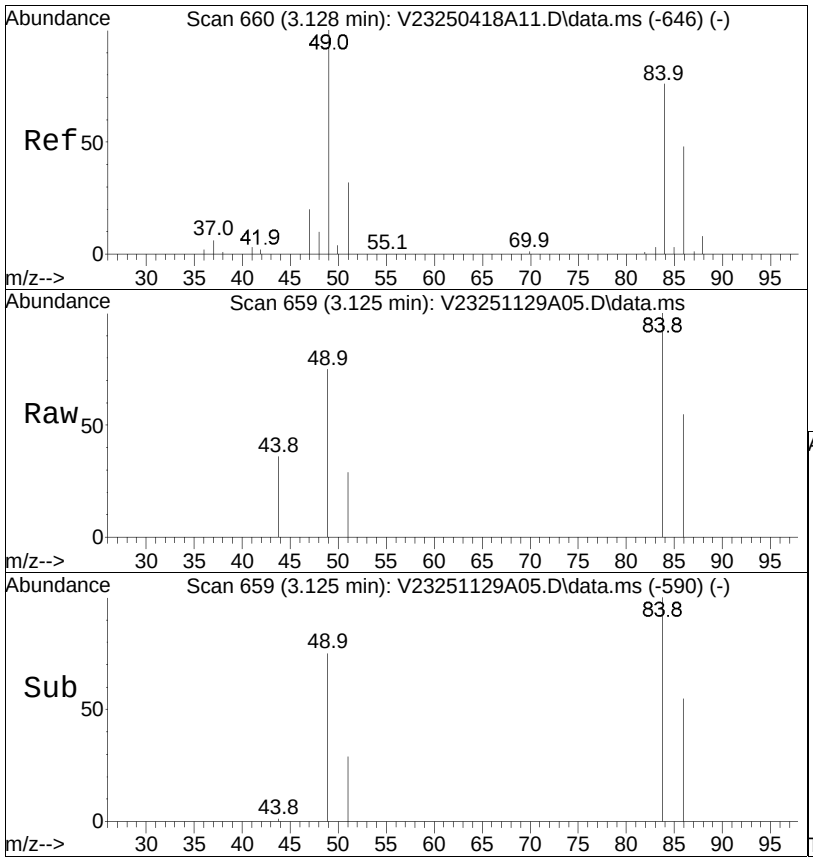
Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A05.D
Acq On : 29 Nov 2025 11:35 am
Operator : VOA123:MNF
Sample : WG2148015-5,31,5,5
Misc : WG2148015,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 30 13:31:25 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251129A02.D•

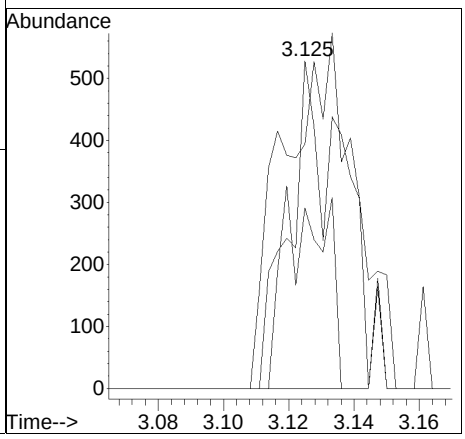


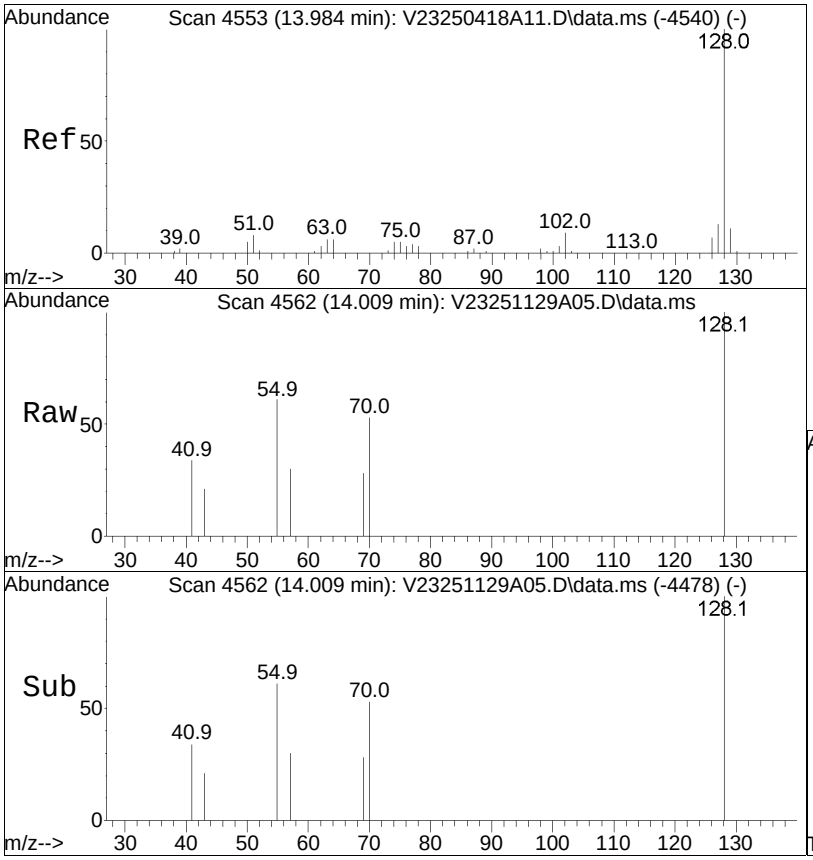


#15
Methylene chloride
Concen: 0.24 ug/L M1
RT: 3.125 min Scan# 659
Delta R.T. -0.008 min
Lab File: V23251129A05.D
Acq: 29 Nov 2025 11:35 am

Tgt Ion: 84 Resp: 596

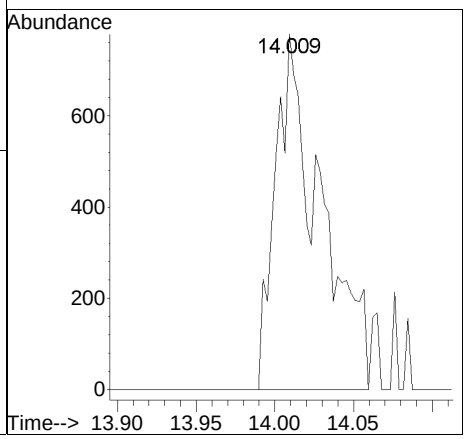
Ion	Ratio	Lower	Upper
84	100		
86	0.0	42.0	87.2#
49	99.7	74.0	153.6

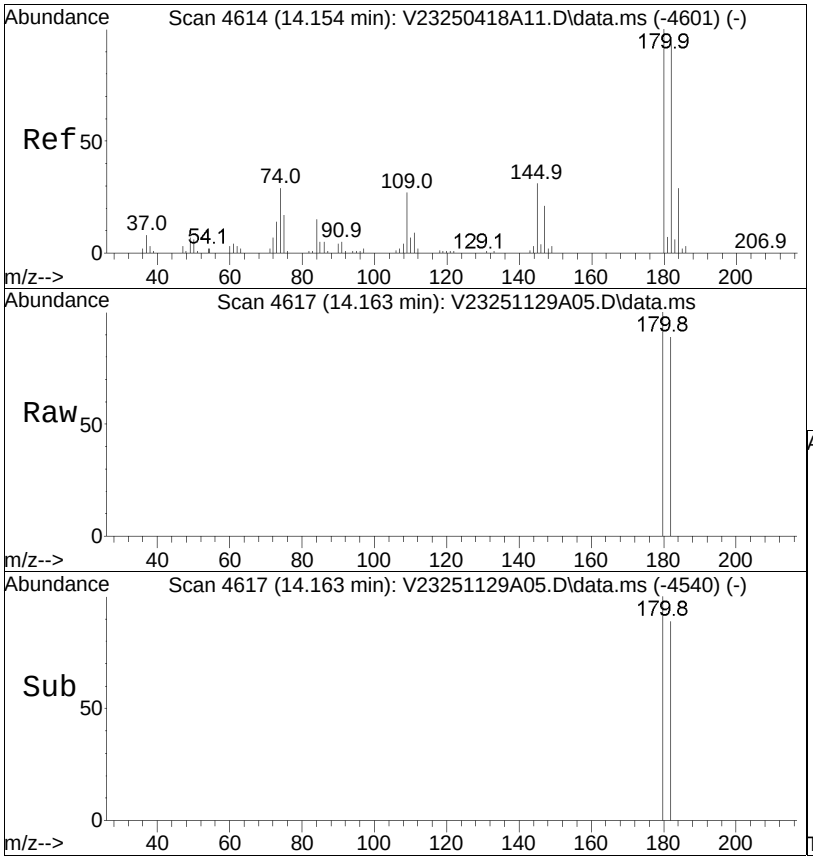




#110
Naphthalene
Concen: 0.22 ug/L M1
RT: 14.009 min Scan# 4562
Delta R.T. 0.033 min
Lab File: V23251129A05.D
Acq: 29 Nov 2025 11:35 am

Tgt Ion:128 Resp: 1553

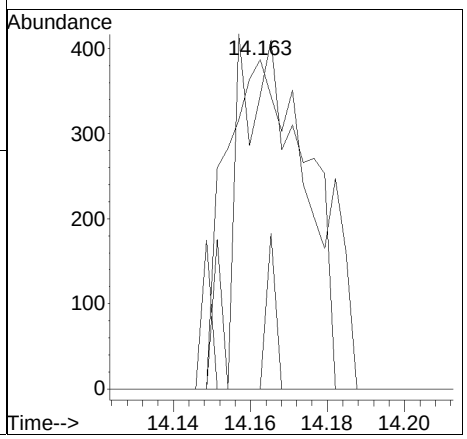




#111
1,2,3-Trichlorobenzene
Concen: 0.20 ug/L
RT: 14.163 min Scan# 4617
Delta R.T. 0.014 min
Lab File: V23251129A05.D
Acq: 29 Nov 2025 11:35 am

Tgt Ion:180 Resp: 606

Ion	Ratio	Lower	Upper
180	100		
182	83.3	75.4	113.0
145	5.1	25.2	37.8#

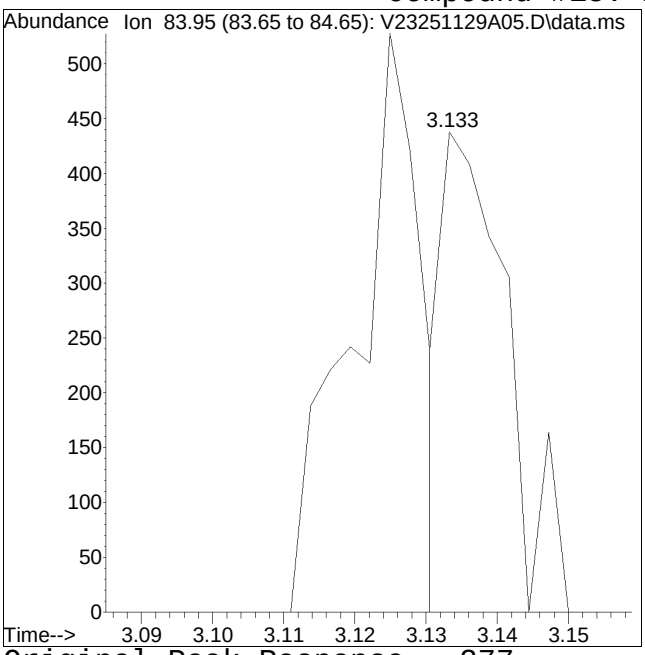


Manual Integration Report

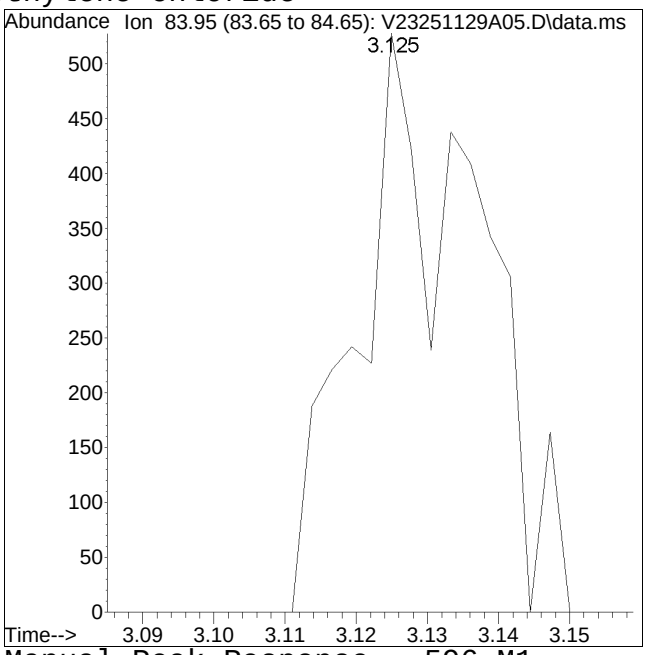
Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A05.D
Date Inj'd : 11/29/2025 11:35 am
Sample : WG2148015-5,31,5,5

QMethod : V123_251103N_8260.m
Operator : VOA123:MNF
Instrument : VOA123
Quant Date : 11/29/2025 11:58 am

Compound #15: Methylene chloride



Original Peak Response = 277



Manual Peak Response = 596 M1

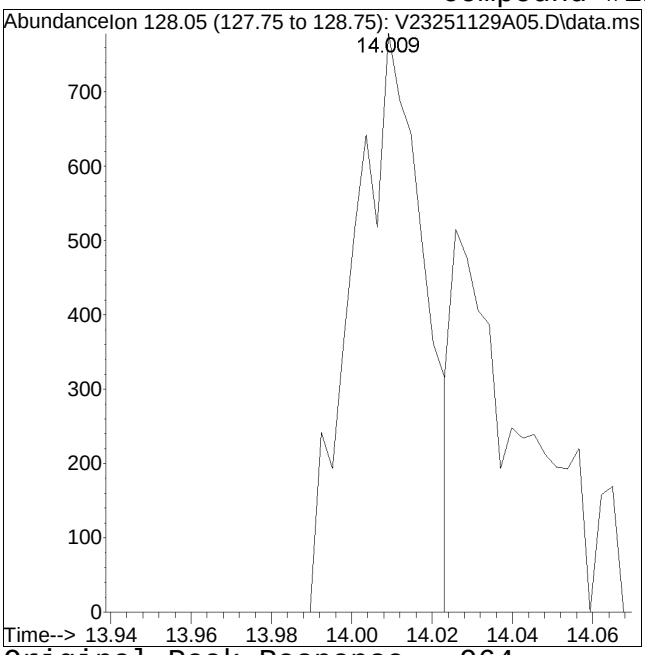
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

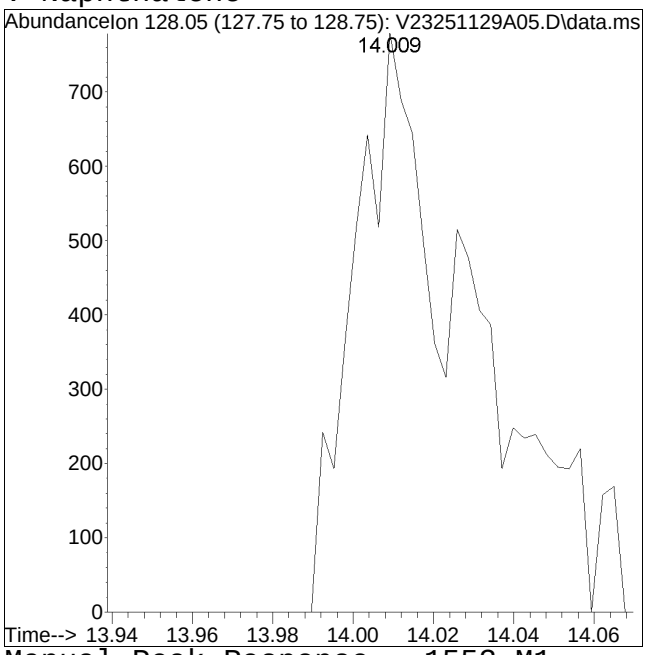
Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A05.D
Date Inj'd : 11/29/2025 11:35 am
Sample : WG2148015-5,31,5,5

QMethod : V123_251103N_8260.m
Operator : VOA123:MNF
Instrument : VOA123
Quant Date : 11/29/2025 11:58 am

Compound #110: Naphthalene



Original Peak Response = 964



Manual Peak Response = 1553 M1

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

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A05.D
Acq On : 29 Nov 2025 11:35 am
Operator : VOA123:MNF
Sample : WG2148016-5,31h,15,15,0.1
Misc : WG2148016,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 30 13:31:25 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.518	96	180652	20.000 ug/L	0.00
Standard Area 1 = 206936			Recovery = 87.30%		
59) Chlorobenzene-d5	8.992	117	129026	20.000 ug/L	0.00
Standard Area 1 = 154785			Recovery = 83.36%		
79) 1,4-Dichlorobenzene-d4	11.806	152	70089	20.000 ug/L	0.00
Standard Area 1 = 86212			Recovery = 81.30%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.734	113	43626	19.172 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.86%		
43) 1,2-Dichloroethane-d4	5.236	65	44547	19.126 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.63%		
60) Toluene-d8	7.174	98	167110	19.152 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.76%		
83) 4-Bromofluorobenzene	10.540	95	58249	18.589 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.94%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.307	85	130	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.987	94	26	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.648	76	647	N.D.	
15) Methylene chloride	3.125	84	596M1	0.244 ug/L	
17) Acetone	3.178	43	328	Below Cal #	39
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	4.497	77	31	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	4.572	83	152	N.D.	

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A05.D
Acq On : 29 Nov 2025 11:35 am
Operator : VOA123:MNF
Sample : WG2148016-5,31h,15,15,0.1
Misc : WG2148016,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 30 13:31:25 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	5.573	95	169		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	8.995	91	137		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.219	105	26		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	10.551	91	32		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	11.137	91	26		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A05.D
Acq On : 29 Nov 2025 11:35 am
Operator : VOA123:MNF
Sample : WG2148016-5,31h,15,15,0.1
Misc : WG2148016,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 30 13:31:25 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	0.000		0	N.D.		
98) sec-Butylbenzene	0.000		0	N.D.		
99) p-Isopropyltoluene	11.672	119	53	N.D.		
100) 1,3-Dichlorobenzene	11.742	146	87	N.D.		
101) 1,4-Dichlorobenzene	11.820	146	227	N.D.		
102) p-Diethylbenzene	0.000		0	N.D.		
103) n-Butylbenzene	12.135	91	27	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
105) 1,2,4,5-Tetramethylben...	12.874	119	240	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	13.669	225	125	N.D.		
109) 1,2,4-Trichlorobenzene	13.708	180	68	N.D.		
110) Naphthalene	14.009	128	1553M1	0.224	ug/L	
111) 1,2,3-Trichlorobenzene	14.163	180	606	0.196	ug/L #	80

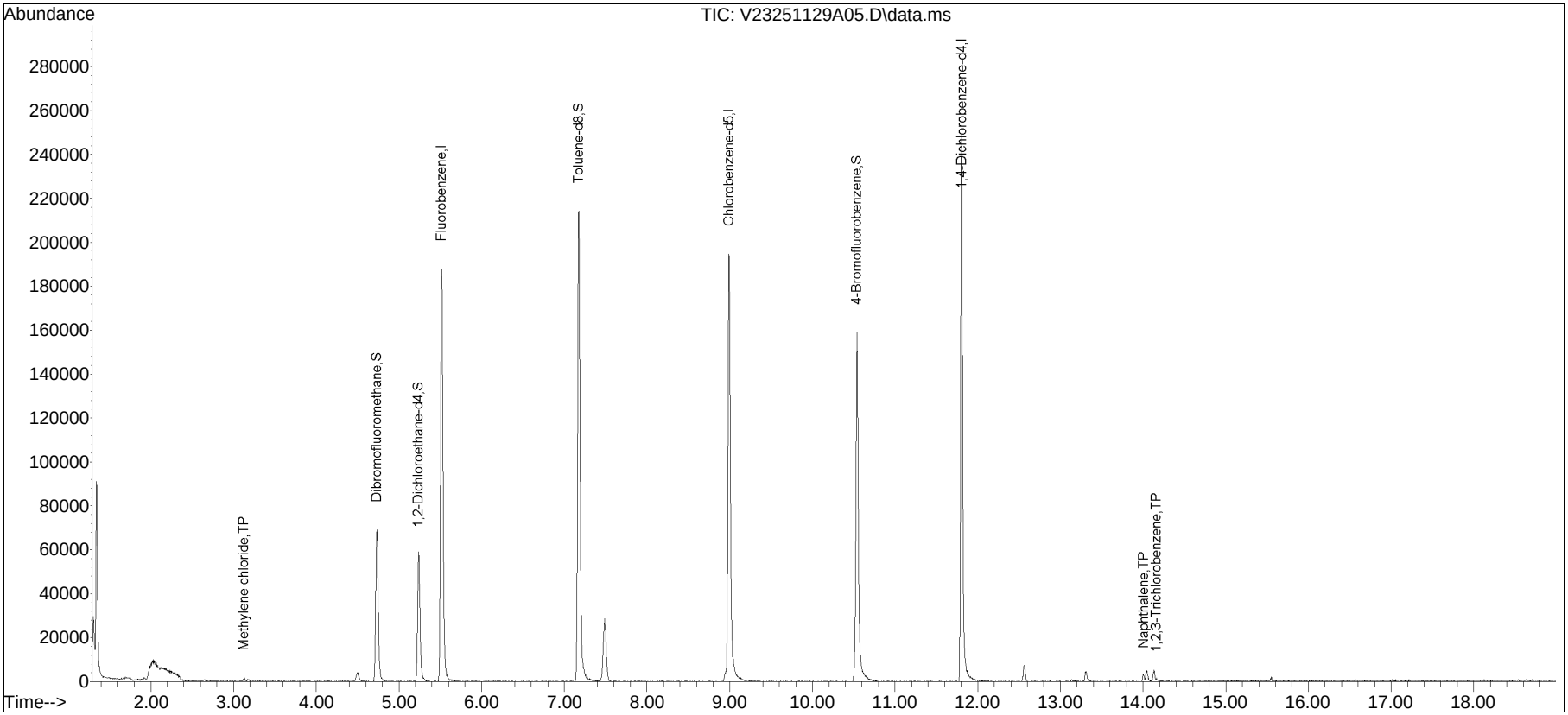
(#) = qualifier out of range (m) = manual integration (+) = signals summed

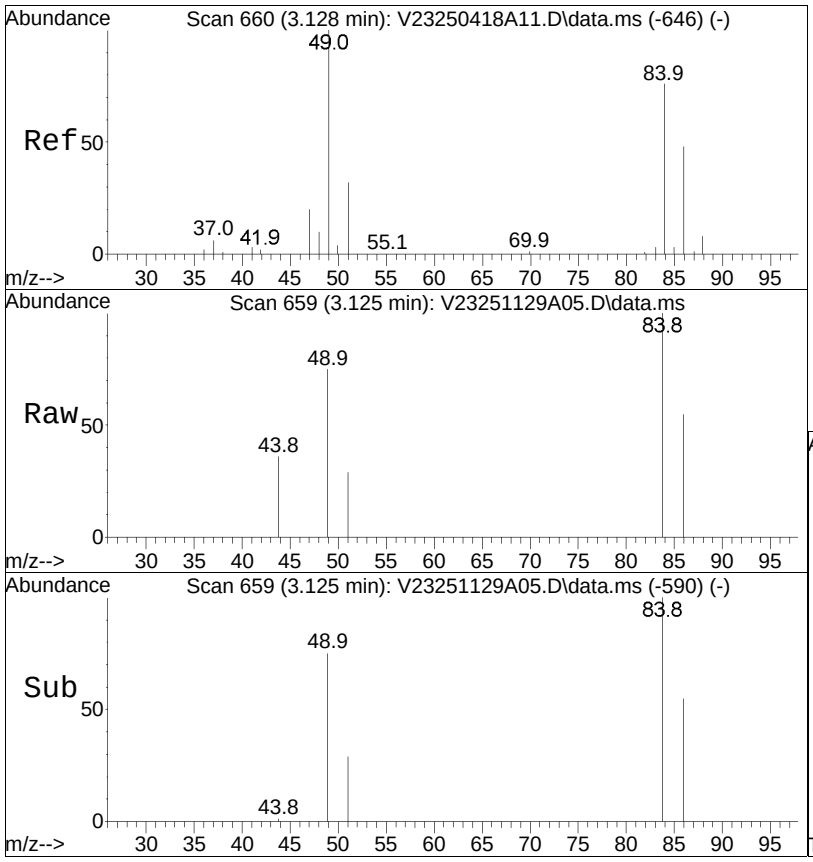
Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A05.D
Acq On : 29 Nov 2025 11:35 am
Operator : VOA123:MNF
Sample : WG2148016-5,31h,15,15,0.1
Misc : WG2148016,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 30 13:31:25 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251129A02.D•

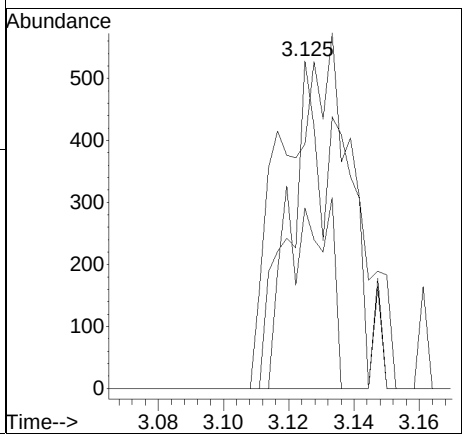


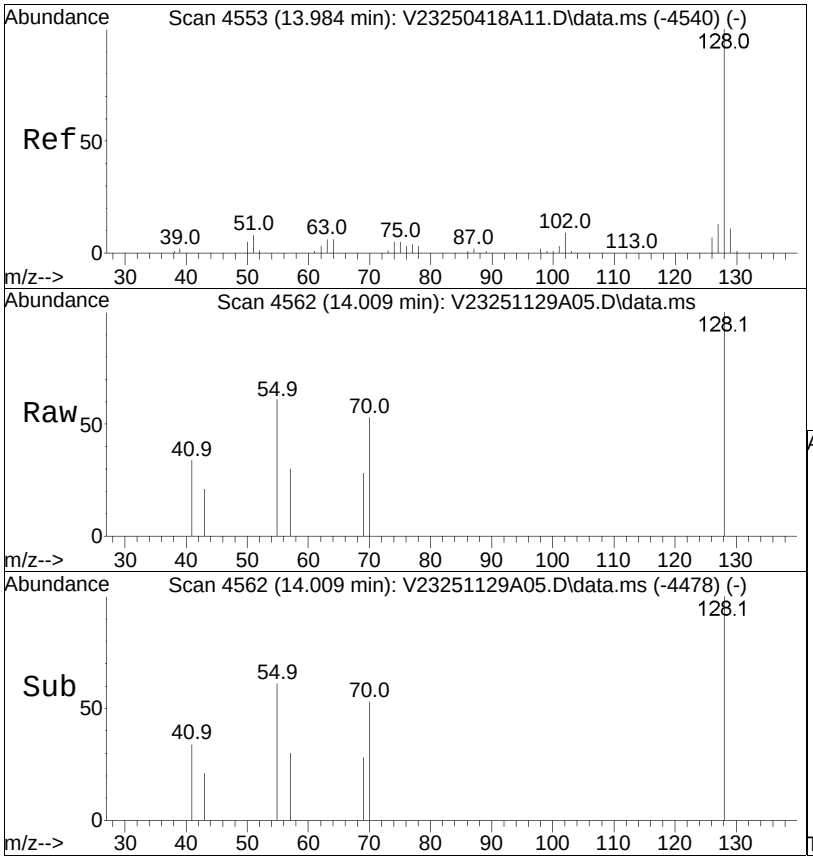


#15
Methylene chloride
Concen: 0.24 ug/L M1
RT: 3.125 min Scan# 659
Delta R.T. -0.008 min
Lab File: V23251129A05.D
Acq: 29 Nov 2025 11:35 am

Tgt Ion: 84 Resp: 596

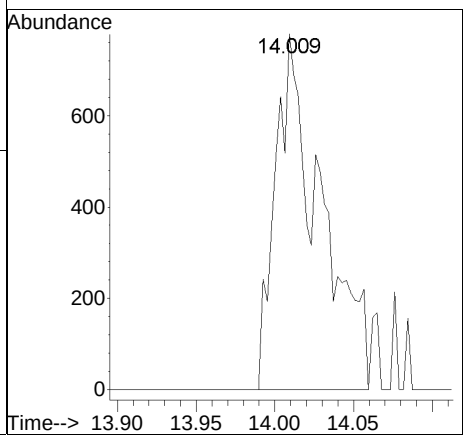
Ion	Ratio	Lower	Upper
84	100		
86	0.0	42.0	87.2#
49	99.7	74.0	153.6

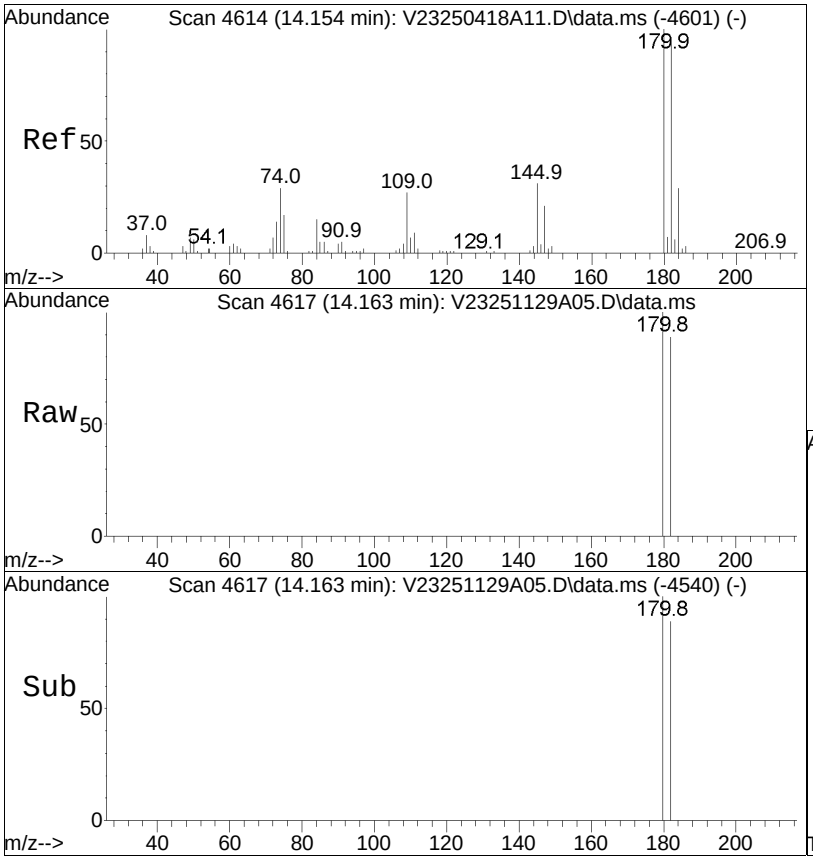




#110
Naphthalene
Concen: 0.22 ug/L M1
RT: 14.009 min Scan# 4562
Delta R.T. 0.033 min
Lab File: V23251129A05.D
Acq: 29 Nov 2025 11:35 am

Tgt Ion:128 Resp: 1553

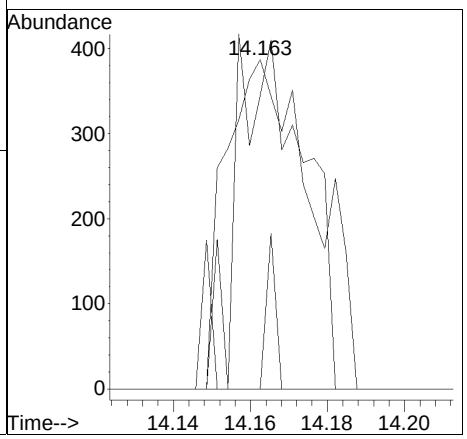




#111
1,2,3-Trichlorobenzene
Concen: 0.20 ug/L
RT: 14.163 min Scan# 4617
Delta R.T. 0.014 min
Lab File: V23251129A05.D
Acq: 29 Nov 2025 11:35 am

Tgt Ion:180 Resp: 606

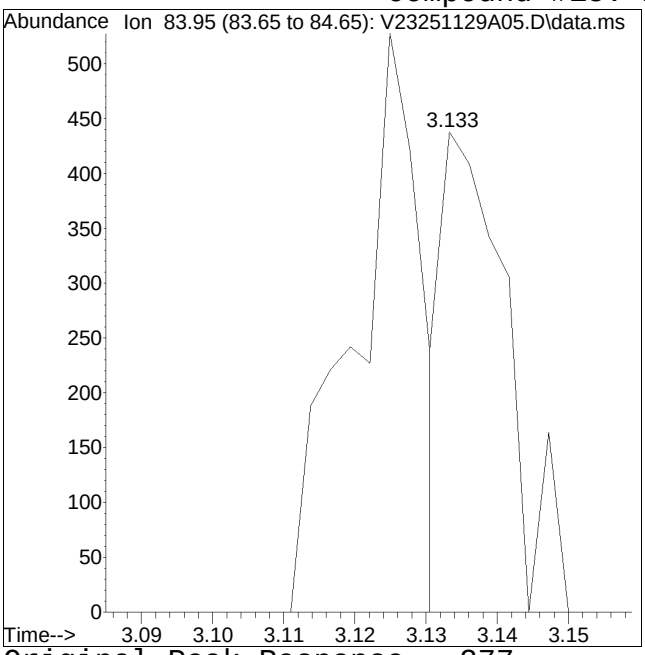
Ion	Ratio	Lower	Upper
180	100		
182	83.3	75.4	113.0
145	5.1	25.2	37.8#



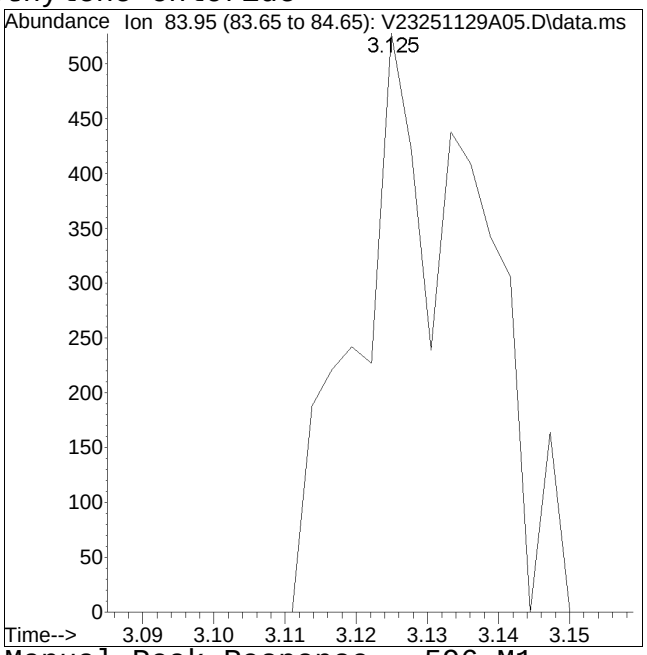
Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A05.D Operator : VOA123:MNF
Date Inj'd : 11/29/2025 11:35 am Instrument : VOA123
Sample : WG2148016-5,31h,15,15,0.1 Quant Date : 11/29/2025 11:58 am

Compound #15: Methylene chloride



Original Peak Response = 277



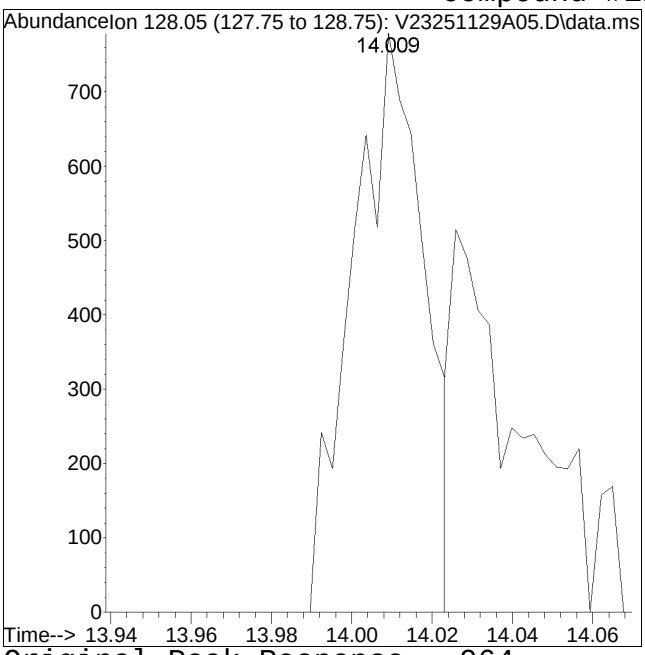
Manual Peak Response = 596 M1

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

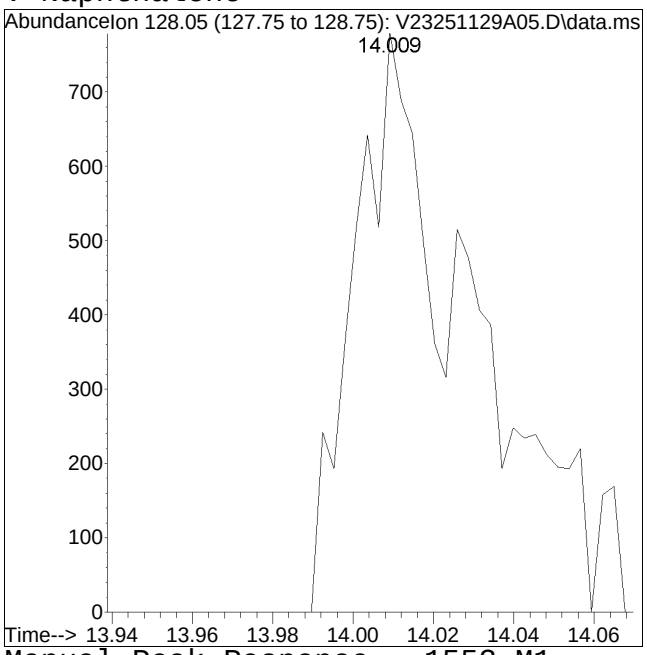
Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A05.D Operator : VOA123:MNF
Date Inj'd : 11/29/2025 11:35 am Instrument : VOA123
Sample : WG2148016-5,31h,15,15,0.1 Quant Date : 11/29/2025 11:58 am

Compound #110: Naphthalene



Original Peak Response = 964



Manual Peak Response = 1553 M1

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

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A05.D
Acq On : 30 Nov 2025 06:23 pm
Operator : VOA123:RAW
Sample : WG2147797-5,31,5,5
Misc : WG2147797,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 30 19:42:12 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.518	96	195606	20.000 ug/L	0.00
Standard Area 1 = 217255			Recovery = 90.04%		
59) Chlorobenzene-d5	8.992	117	137272	20.000 ug/L	0.00
Standard Area 1 = 158239			Recovery = 86.75%		
79) 1,4-Dichlorobenzene-d4	11.803	152	75941	20.000 ug/L	0.00
Standard Area 1 = 88479			Recovery = 85.83%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.731	113	46753	18.975 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.88%		
43) 1,2-Dichloroethane-d4	5.239	65	47873	18.982 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.91%		
60) Toluene-d8	7.174	98	181895	19.594 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.97%		
83) 4-Bromofluorobenzene	10.540	95	63007	18.558 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.79%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.312	85	25	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.970	94	353M3	0.217 ug/L	
6) Chloroethane	2.063	64	29	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.645	76	1164	0.155 ug/L #	72
15) Methylene chloride	3.119	84	630M1	0.238 ug/L	
17) Acetone	3.175	43	302	Below Cal #	39
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	4.567	83	775	0.145 ug/L #	84

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A05.D
Acq On : 30 Nov 2025 06:23 pm
Operator : VOA123:RAW
Sample : WG2147797-5,31,5,5
Misc : WG2147797,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 30 19:42:12 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	4.896	43	26		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	5.582	95	135		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.070	91	26		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.228	105	36		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	10.551	91	31		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	10.805	75	26		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	11.165	91	26		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A05.D
Acq On : 30 Nov 2025 06:23 pm
Operator : VOA123:RAW
Sample : WG2147797-5,31,5,5
Misc : WG2147797,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 30 19:42:12 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.421	105	60	N.D.		
98) sec-Butylbenzene	11.499	105	82	N.D.		
99) p-Isopropyltoluene	11.669	119	33	N.D.		
100) 1,3-Dichlorobenzene	0.000		0	N.D. d		
101) 1,4-Dichlorobenzene	11.826	146	304	N.D.		
102) p-Diethylbenzene	0.000		0	N.D.		
103) n-Butylbenzene	12.155	91	60	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
105) 1,2,4,5-Tetramethylben...	12.883	119	473	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	13.680	225	59	N.D.		
109) 1,2,4-Trichlorobenzene	13.714	180	198	N.D.		
110) Naphthalene	14.001	128	2081	0.277	ug/L	100
111) 1,2,3-Trichlorobenzene	14.165	180	327	N.D.		

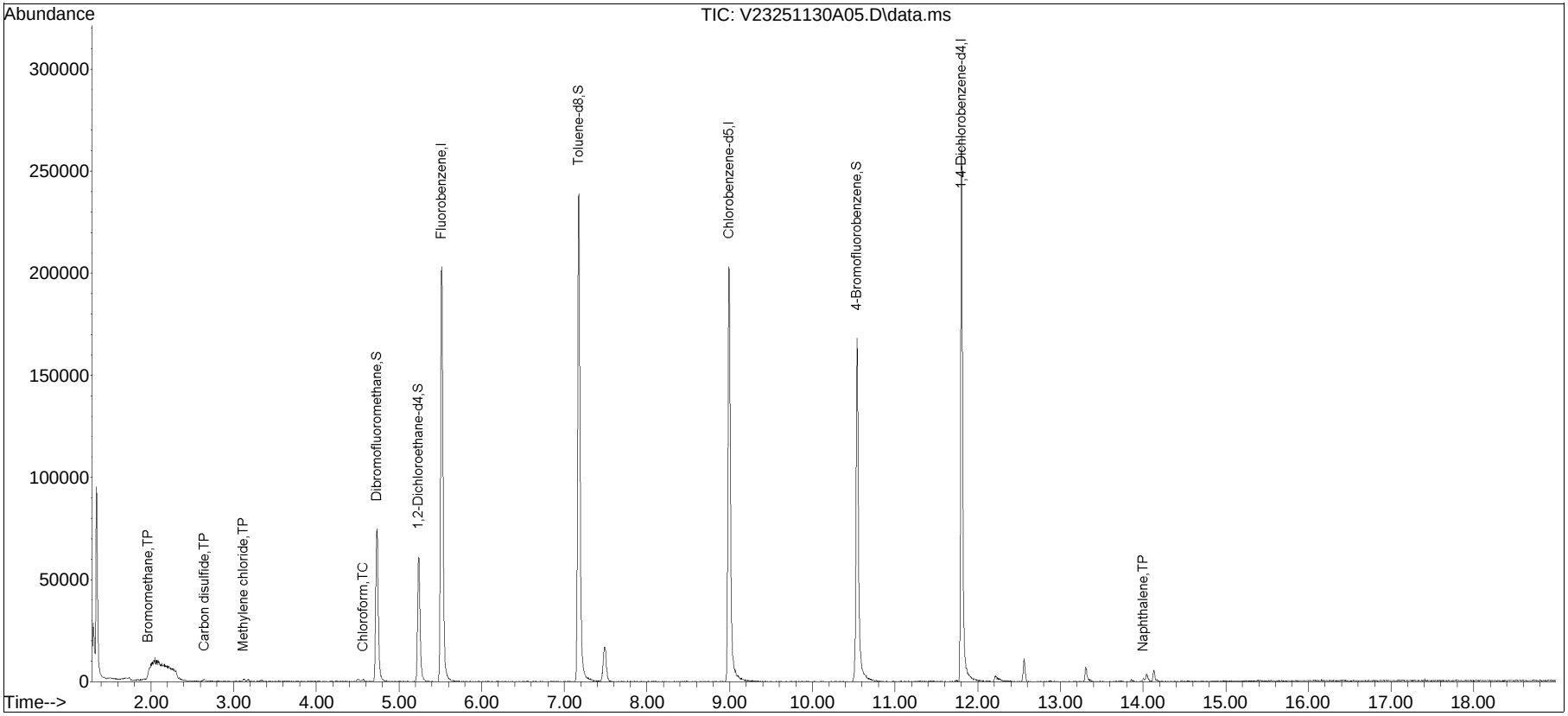
(#) = qualifier out of range (m) = manual integration (+) = signals summed

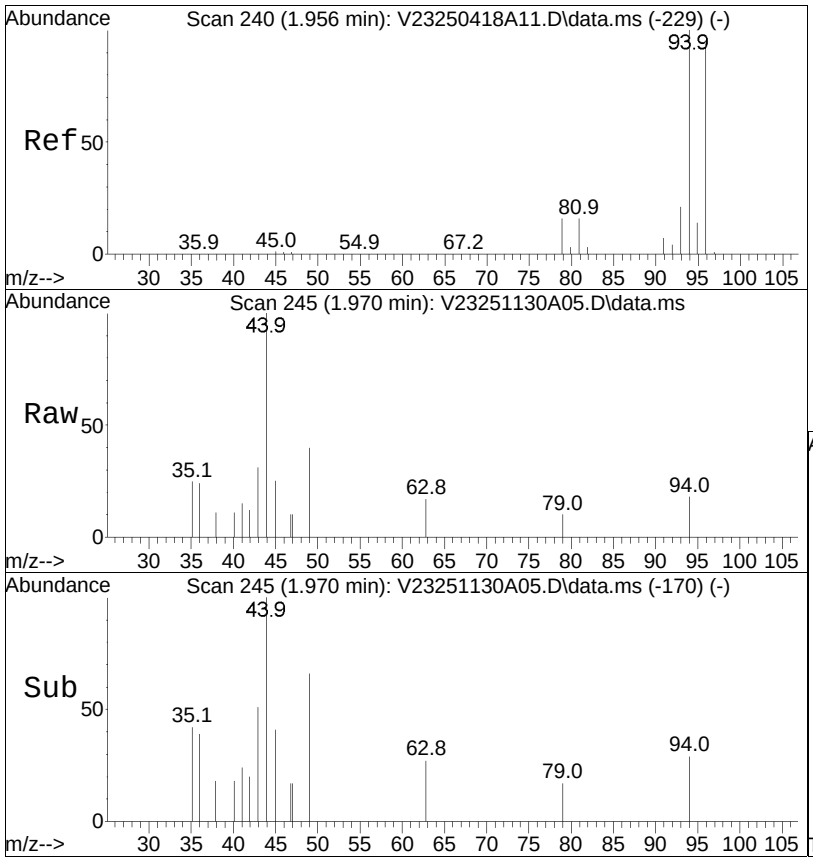
Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A05.D
Acq On : 30 Nov 2025 06:23 pm
Operator : VOA123:RAW
Sample : WG2147797-5,31,5,5
Misc : WG2147797,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 30 19:42:12 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox30A01.D•

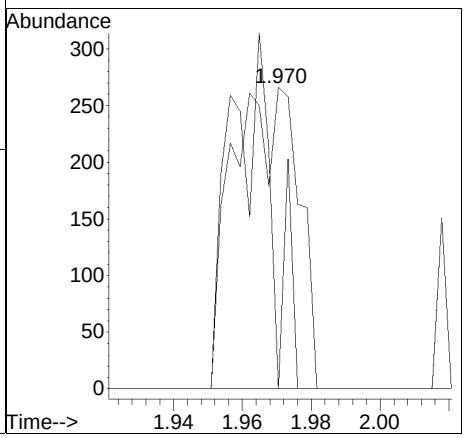


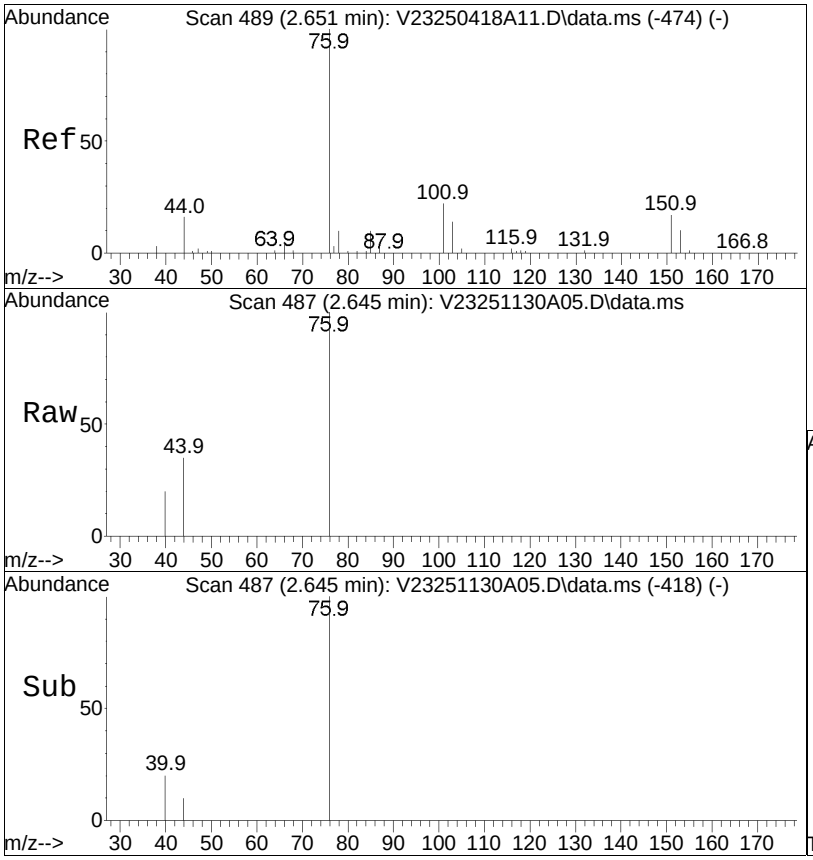


#5
Bromomethane
Concen: 0.22 ug/L M3
RT: 1.970 min Scan# 245
Delta R.T. 0.008 min
Lab File: V23251130A05.D
Acq: 30 Nov 2025 06:23 pm

Tgt Ion: 94 Resp: 353

Ion	Ratio	Lower	Upper
94	100		
96	39.9	74.6	114.6#

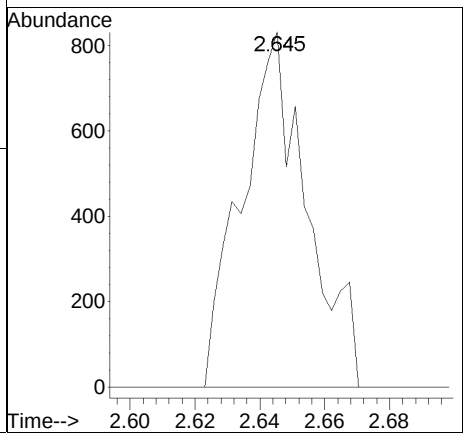


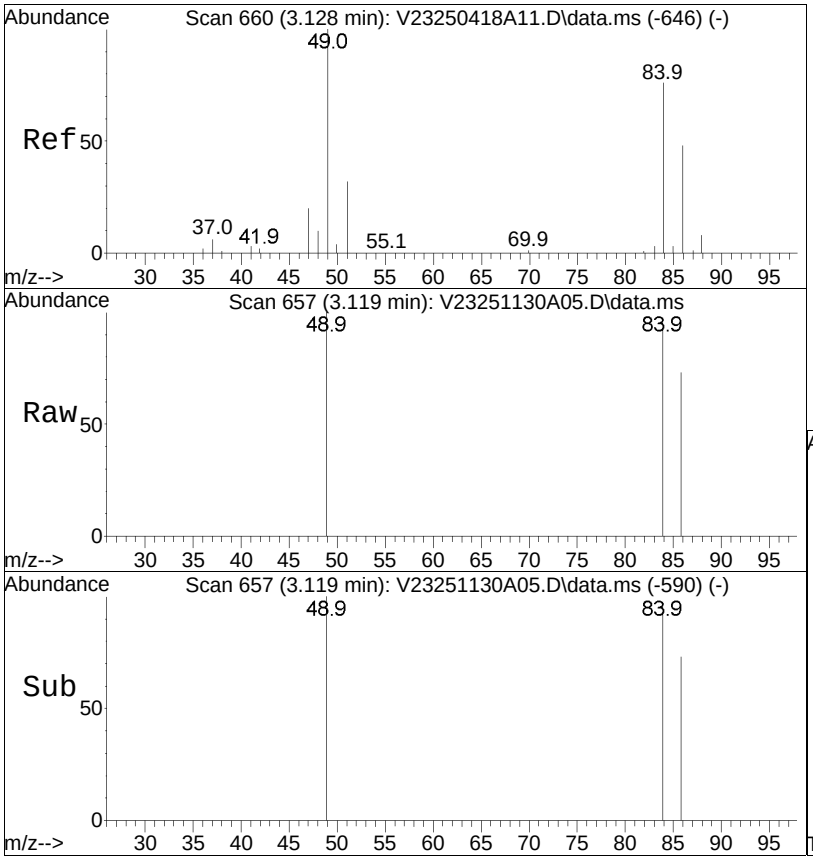


#11
Carbon disulfide
Concen: 0.16 ug/L
RT: 2.645 min Scan# 487
Delta R.T. -0.008 min
Lab File: V23251130A05.D
Acq: 30 Nov 2025 06:23 pm

Tgt Ion: 76 Resp: 1164

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.7	13.9#

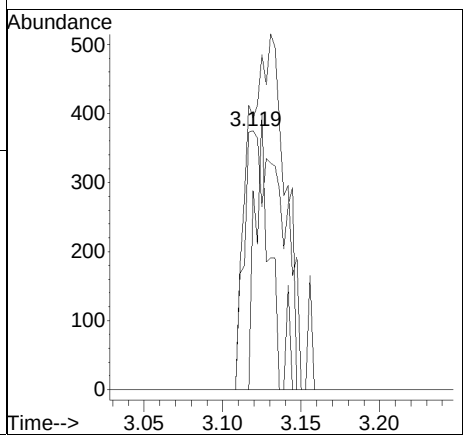


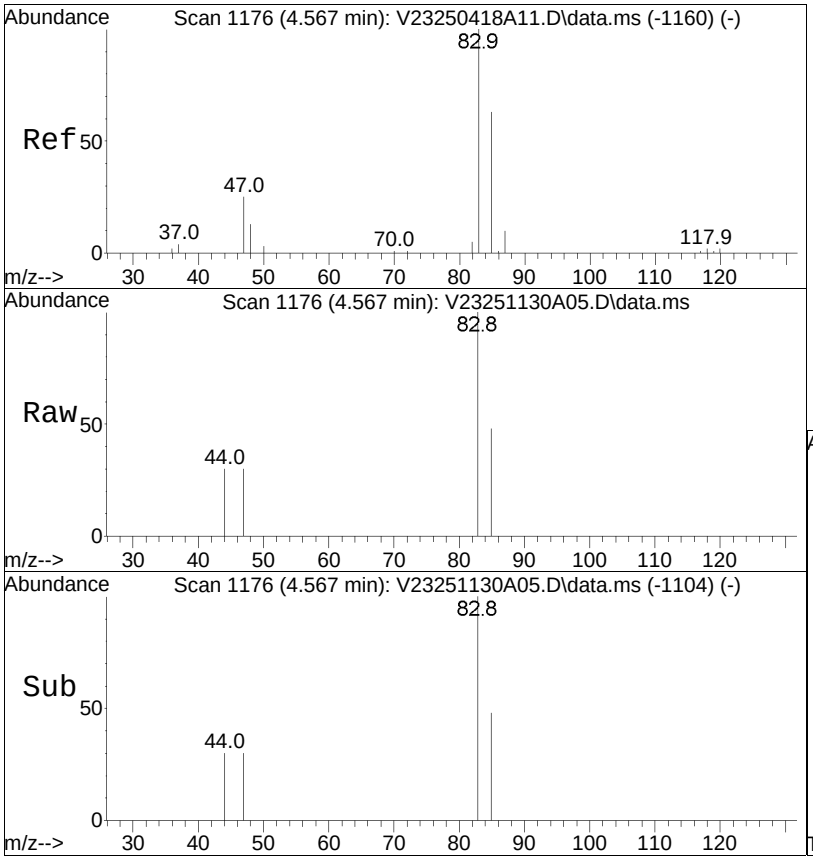


#15
Methylene chloride
Concen: 0.24 ug/L M1
RT: 3.119 min Scan# 657
Delta R.T. -0.014 min
Lab File: V23251130A05.D
Acq: 30 Nov 2025 06:23 pm

Tgt Ion: 84 Resp: 630

Ion	Ratio	Lower	Upper
84	100		
86	38.9	42.0	87.2#
49	131.0	74.0	153.6

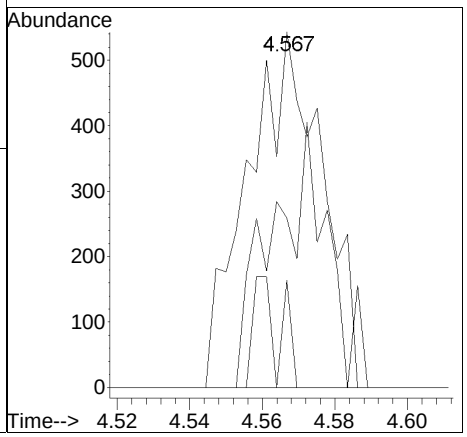


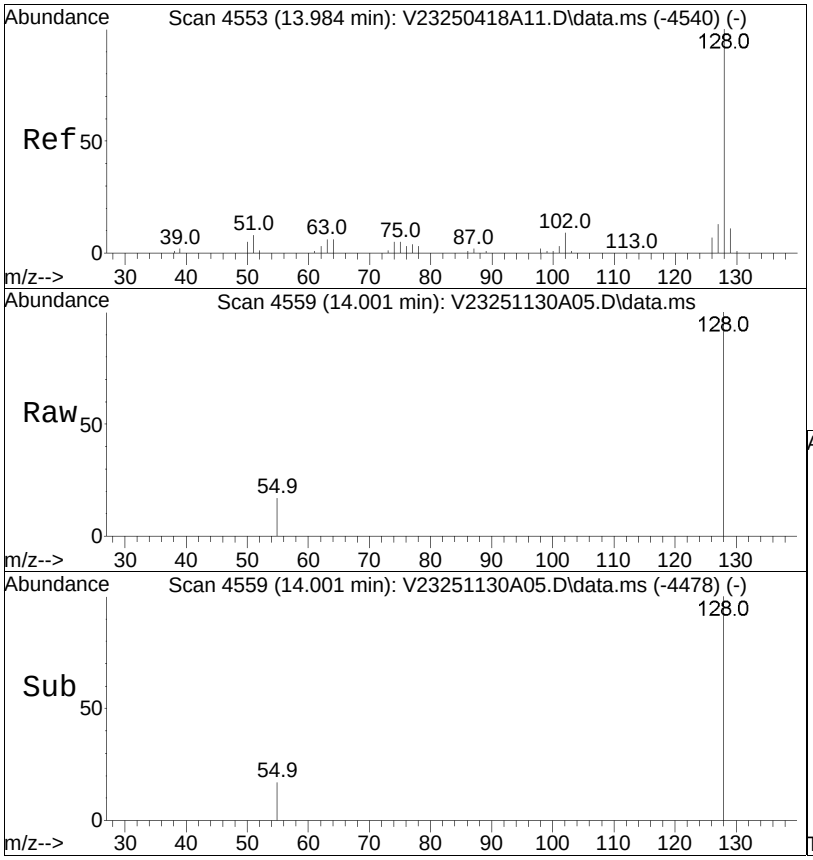


#32
Chloroform
Concen: 0.14 ug/L
RT: 4.567 min Scan# 1176
Delta R.T. 0.000 min
Lab File: V23251130A05.D
Acq: 30 Nov 2025 06:23 pm

Tgt Ion: 83 Resp: 775

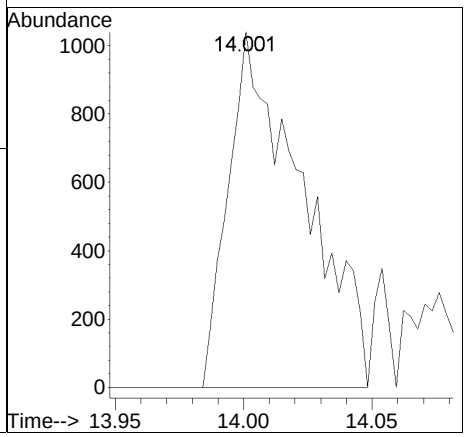
Ion	Ratio	Lower	Upper
83	100		
85	55.7	42.1	87.3
47	10.8	14.0	29.2#
48	0.0	7.2	14.9#





#110
Naphthalene
Concen: 0.28 ug/L
RT: 14.001 min Scan# 4559
Delta R.T. 0.025 min
Lab File: V23251130A05.D
Acq: 30 Nov 2025 06:23 pm

Tgt Ion:128 Resp: 2081

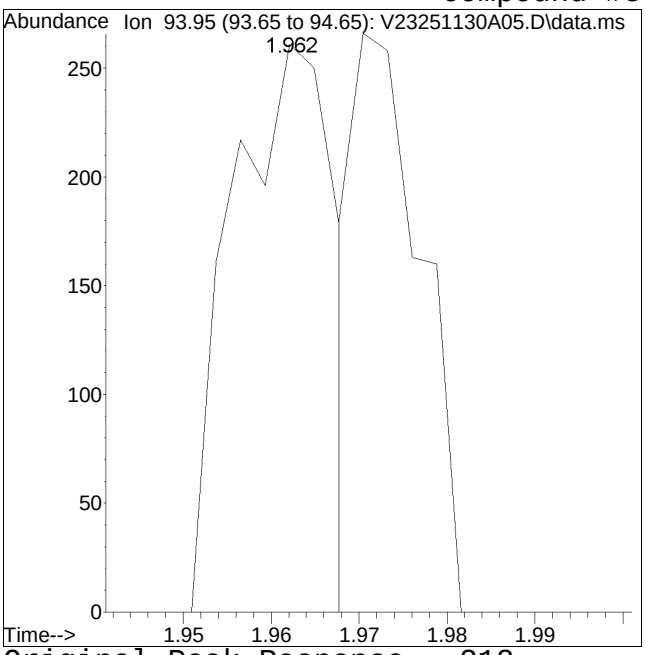


Manual Integration Report

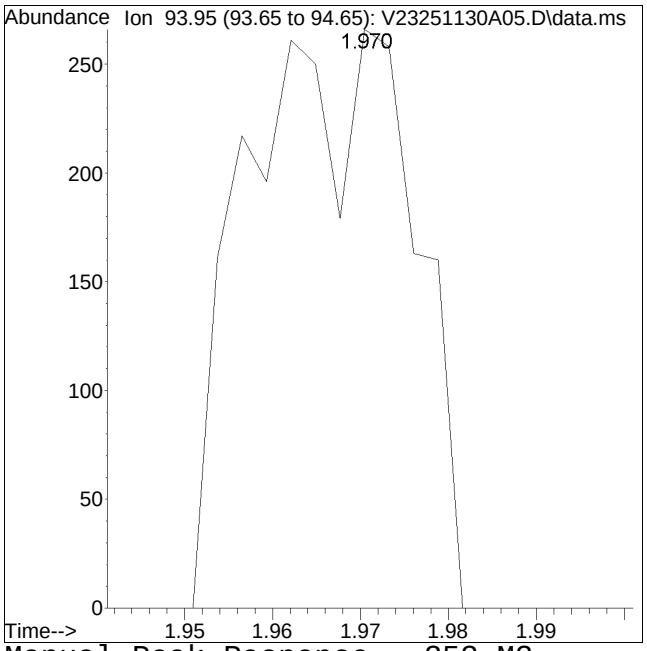
Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A05.D
Date Inj'd : 11/30/2025 6:23 pm
Sample : WG2147797-5,31,5,5

QMethod : V123_251103N_8260.m
Operator : VOA123:RAW
Instrument : VOA123
Quant Date : 11/30/2025 7:40 pm

Compound #5: Bromomethane



Original Peak Response = 212



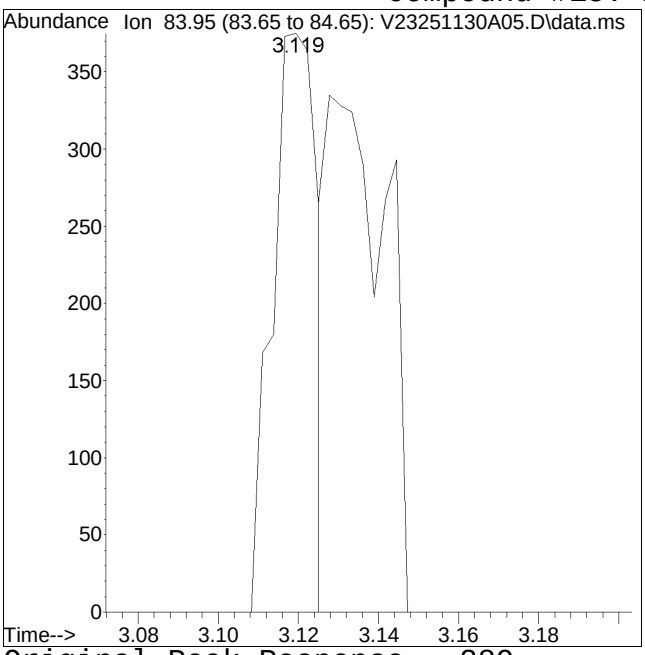
Manual Peak Response = 353 M3

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

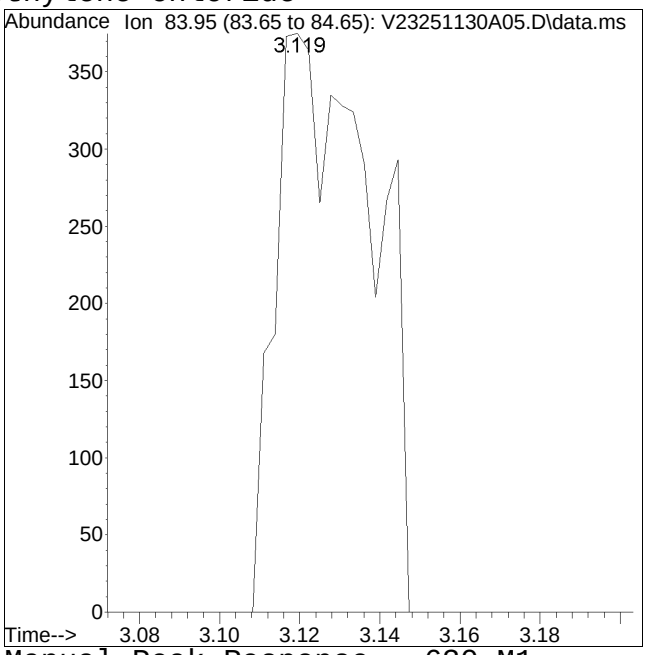
Manual Integration Report

Data Path	: K:\VOA123\2025\251130A\	QMethod	: V123_251103N_8260.m
Data File	: V23251130A05.D	Operator	: VOA123:RAW
Date Inj'd	: 11/30/2025 6:23 pm	Instrument	: VOA123
Sample	: WG2147797-5,31,5,5	Quant Date	: 11/30/2025 7:40 pm

Compound #15: Methylene chloride



Original Peak Response = 289



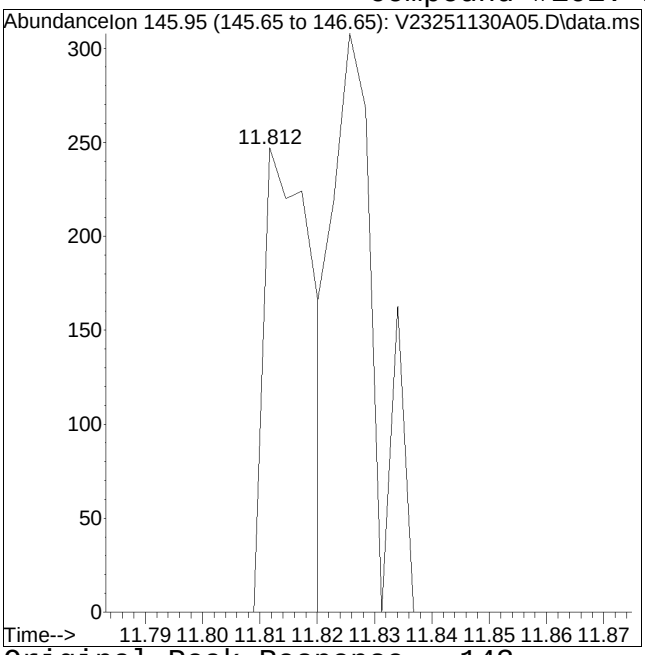
Manual Peak Response = 630 M1

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

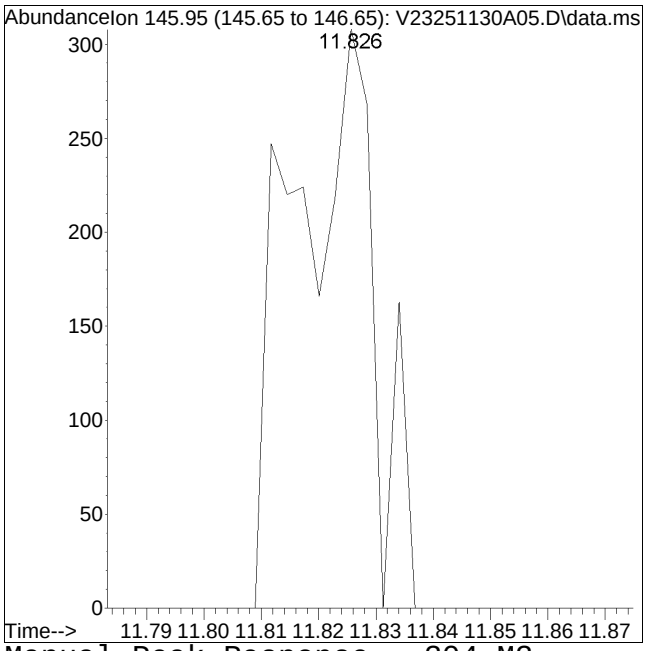
Manual Integration Report

Data Path : K:\VOA123\2025\251130A\ QMethod : V123_251103N_8260.m
Data File : V23251130A05.D Operator : VOA123:RAW
Date Inj'd : 11/30/2025 6:23 pm Instrument : VOA123
Sample : WG2147797-5,31,5,5 Quant Date : 11/30/2025 7:40 pm

Compound #101: 1,4-Dichlorobenzene



Original Peak Response = 143



Manual Peak Response = 304 M3

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

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A05.D
Acq On : 30 Nov 2025 06:23 pm
Operator : VOA123:RAW
Sample : WG2147799-5,31h,15,15,0.1
Misc : WG2147799,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 30 19:42:12 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.518	96	195606	20.000 ug/L	0.00
Standard Area 1 = 217255			Recovery = 90.04%		
59) Chlorobenzene-d5	8.992	117	137272	20.000 ug/L	0.00
Standard Area 1 = 158239			Recovery = 86.75%		
79) 1,4-Dichlorobenzene-d4	11.803	152	75941	20.000 ug/L	0.00
Standard Area 1 = 88479			Recovery = 85.83%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.731	113	46753	18.975 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.88%		
43) 1,2-Dichloroethane-d4	5.239	65	47873	18.982 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.91%		
60) Toluene-d8	7.174	98	181895	19.594 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.97%		
83) 4-Bromofluorobenzene	10.540	95	63007	18.558 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.79%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.312	85	25	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.970	94	353M3	0.217 ug/L	
6) Chloroethane	2.063	64	29	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.645	76	1164	0.155 ug/L #	72
15) Methylene chloride	3.119	84	630M1	0.238 ug/L	
17) Acetone	3.175	43	302	Below Cal #	39
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	4.567	83	775	0.145 ug/L #	84

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A05.D
Acq On : 30 Nov 2025 06:23 pm
Operator : VOA123:RAW
Sample : WG2147799-5,31h,15,15,0.1
Misc : WG2147799,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 30 19:42:12 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	4.896	43	26		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	5.582	95	135		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.070	91	26		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	10.228	105	36		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	10.551	91	31		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	10.805	75	26		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	11.165	91	26		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A05.D
Acq On : 30 Nov 2025 06:23 pm
Operator : VOA123:RAW
Sample : WG2147799-5,31h,15,15,0.1
Misc : WG2147799,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 30 19:42:12 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.421	105	60	N.D.		
98) sec-Butylbenzene	11.499	105	82	N.D.		
99) p-Isopropyltoluene	11.669	119	33	N.D.		
100) 1,3-Dichlorobenzene	0.000		0	N.D. d		
101) 1,4-Dichlorobenzene	11.826	146	304	N.D.		
102) p-Diethylbenzene	0.000		0	N.D.		
103) n-Butylbenzene	12.155	91	60	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
105) 1,2,4,5-Tetramethylben...	12.883	119	473	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	13.680	225	59	N.D.		
109) 1,2,4-Trichlorobenzene	13.714	180	198	N.D.		
110) Naphthalene	14.001	128	2081	0.277	ug/L	100
111) 1,2,3-Trichlorobenzene	14.165	180	327	N.D.		

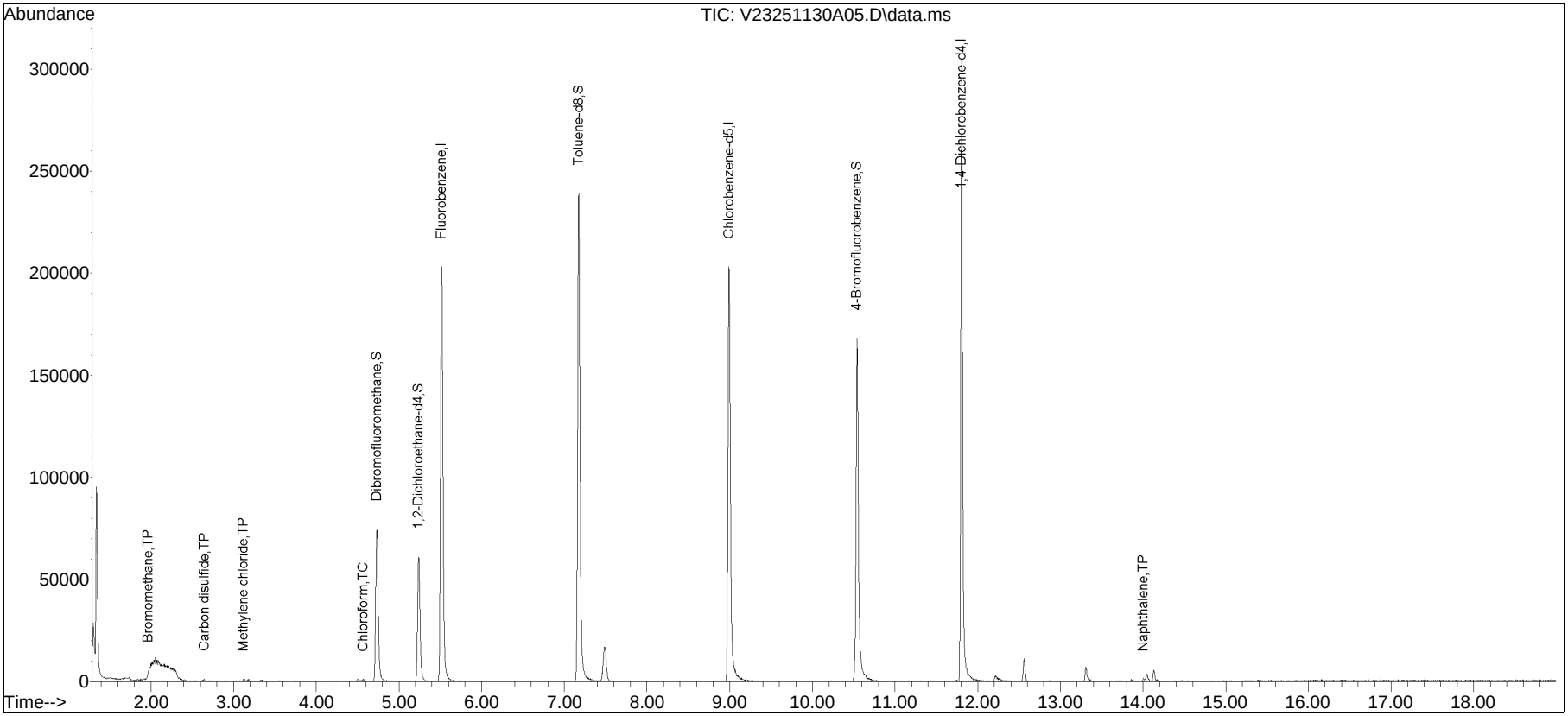
(#) = qualifier out of range (m) = manual integration (+) = signals summed

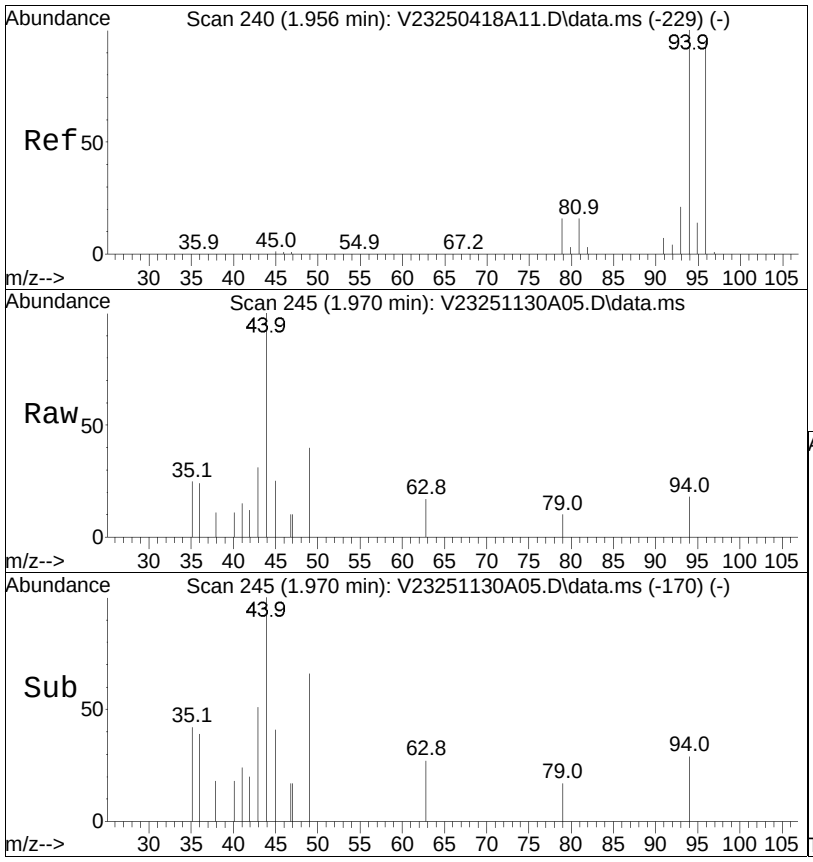
Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A05.D
Acq On : 30 Nov 2025 06:23 pm
Operator : VOA123:RAW
Sample : WG2147799-5,31h,15,15,0.1
Misc : WG2147799,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 30 19:42:12 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox30A01.D•

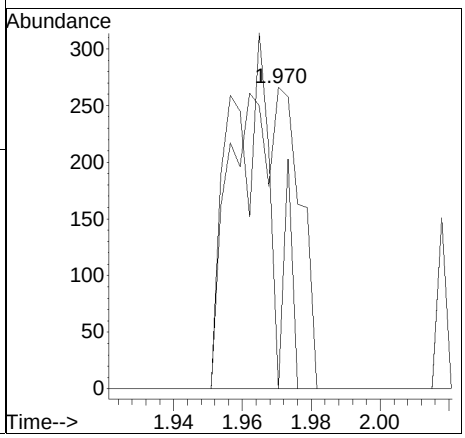


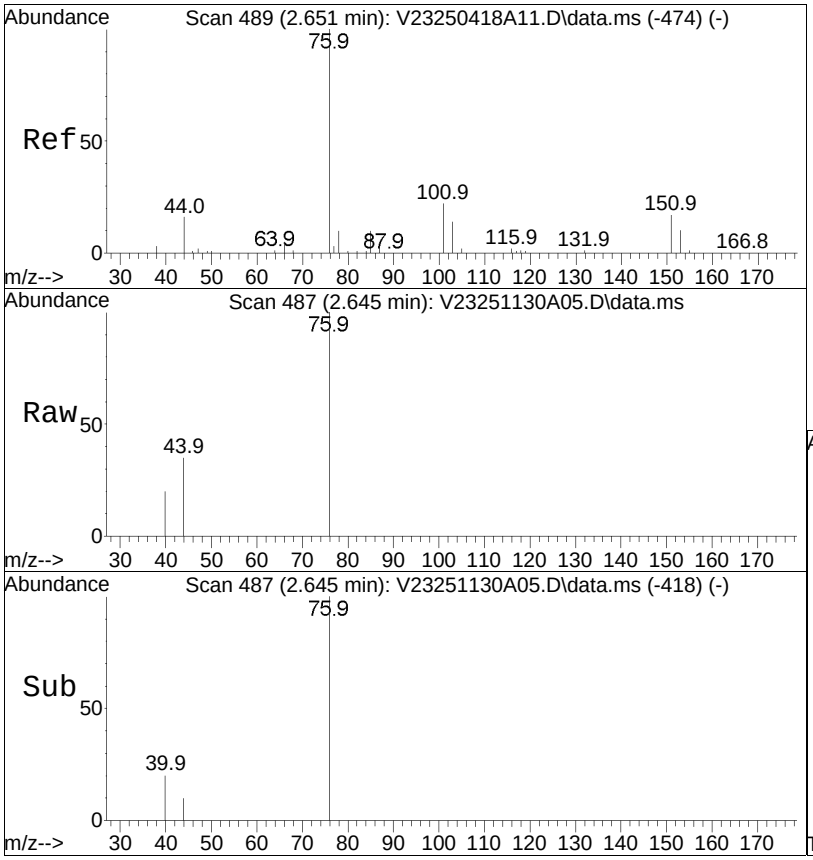


#5
Bromomethane
Concen: 0.22 ug/L M3
RT: 1.970 min Scan# 245
Delta R.T. 0.008 min
Lab File: V23251130A05.D
Acq: 30 Nov 2025 06:23 pm

Tgt Ion: 94 Resp: 353

Ion	Ratio	Lower	Upper
94	100		
96	39.9	74.6	114.6#

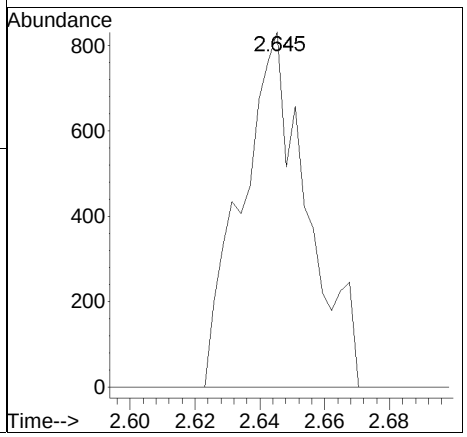


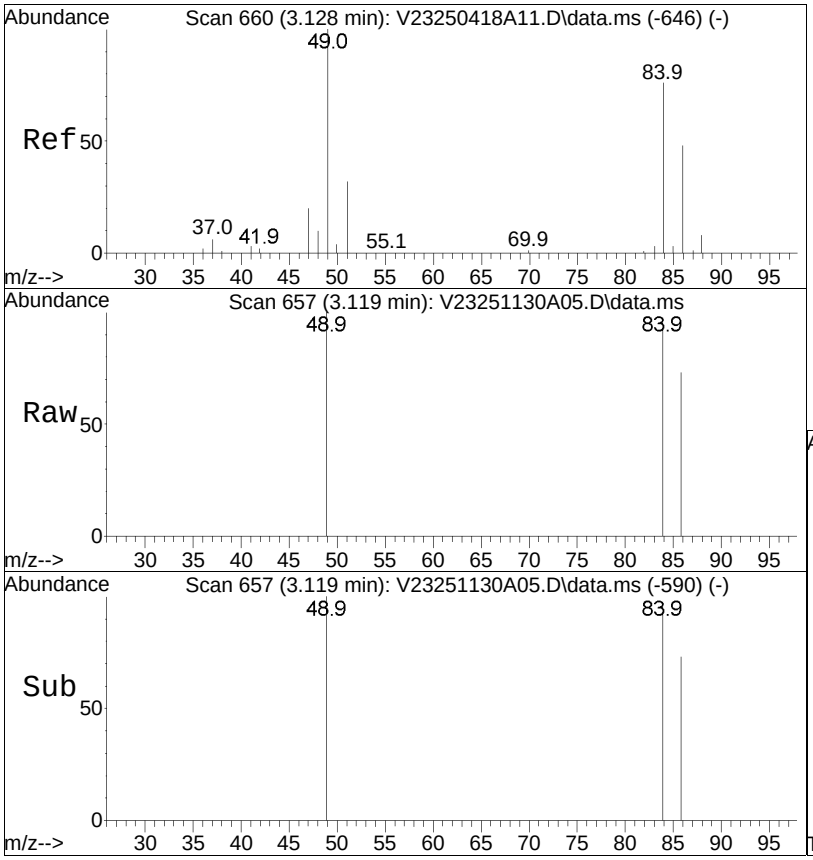


#11
Carbon disulfide
Concen: 0.16 ug/L
RT: 2.645 min Scan# 487
Delta R.T. -0.008 min
Lab File: V23251130A05.D
Acq: 30 Nov 2025 06:23 pm

Tgt Ion: 76 Resp: 1164

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.7	13.9#

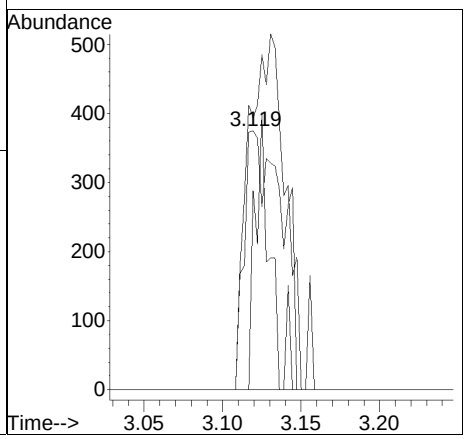


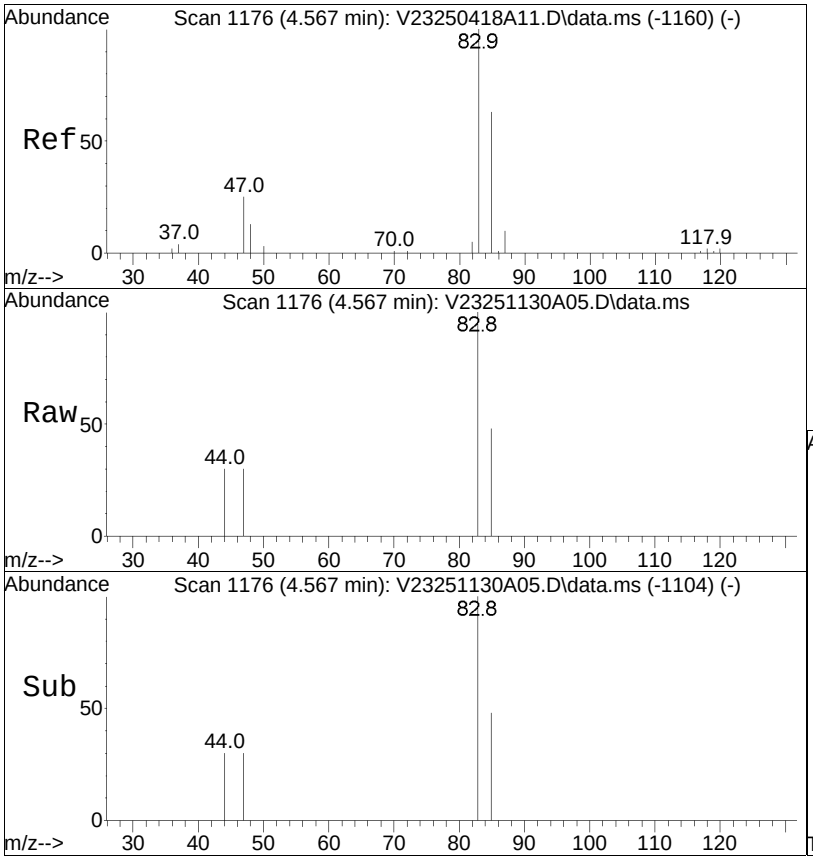


#15
Methylene chloride
Concen: 0.24 ug/L M1
RT: 3.119 min Scan# 657
Delta R.T. -0.014 min
Lab File: V23251130A05.D
Acq: 30 Nov 2025 06:23 pm

Tgt Ion: 84 Resp: 630

Ion	Ratio	Lower	Upper
84	100		
86	38.9	42.0	87.2#
49	131.0	74.0	153.6

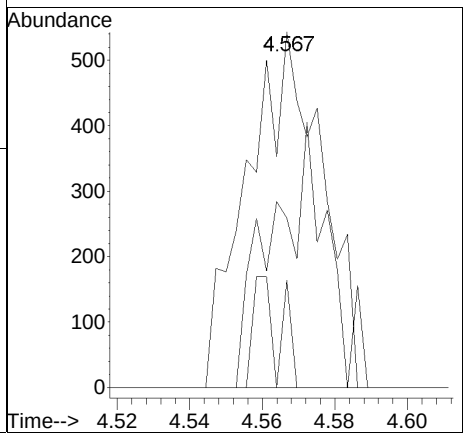


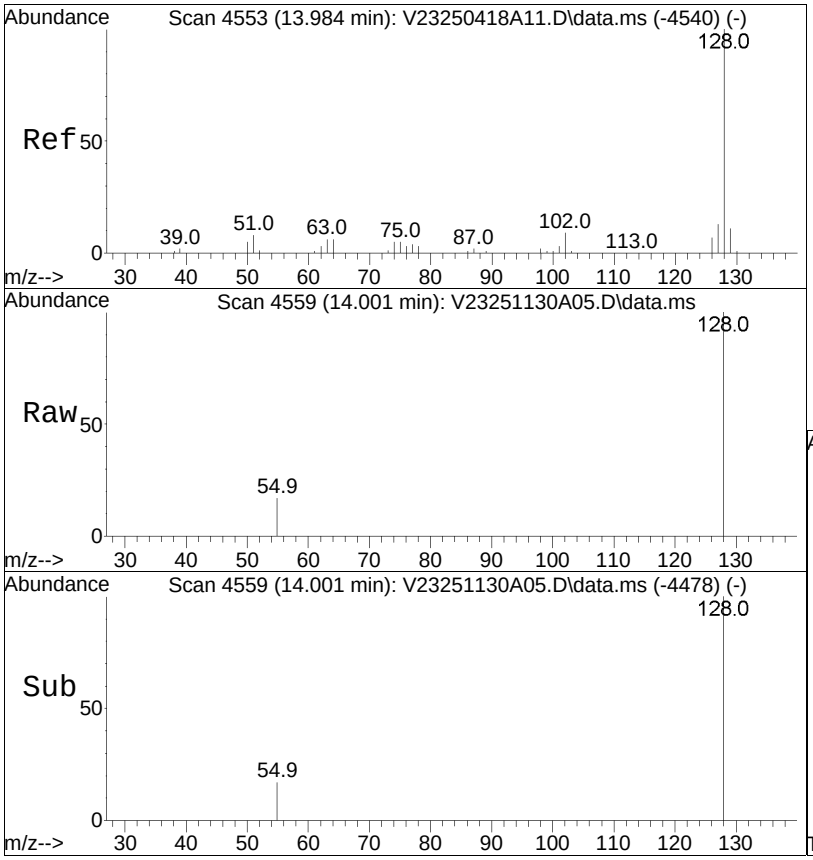


#32
Chloroform
Concen: 0.14 ug/L
RT: 4.567 min Scan# 1176
Delta R.T. 0.000 min
Lab File: V23251130A05.D
Acq: 30 Nov 2025 06:23 pm

Tgt Ion: 83 Resp: 775

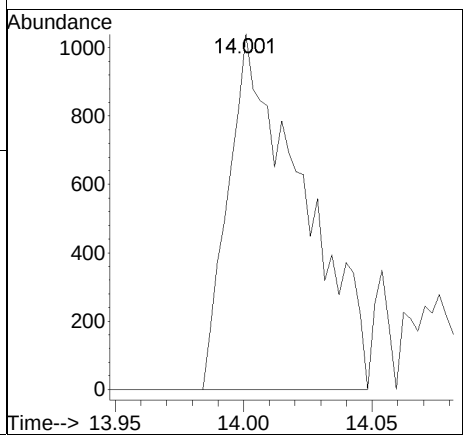
Ion	Ratio	Lower	Upper
83	100		
85	55.7	42.1	87.3
47	10.8	14.0	29.2#
48	0.0	7.2	14.9#





#110
Naphthalene
Concen: 0.28 ug/L
RT: 14.001 min Scan# 4559
Delta R.T. 0.025 min
Lab File: V23251130A05.D
Acq: 30 Nov 2025 06:23 pm

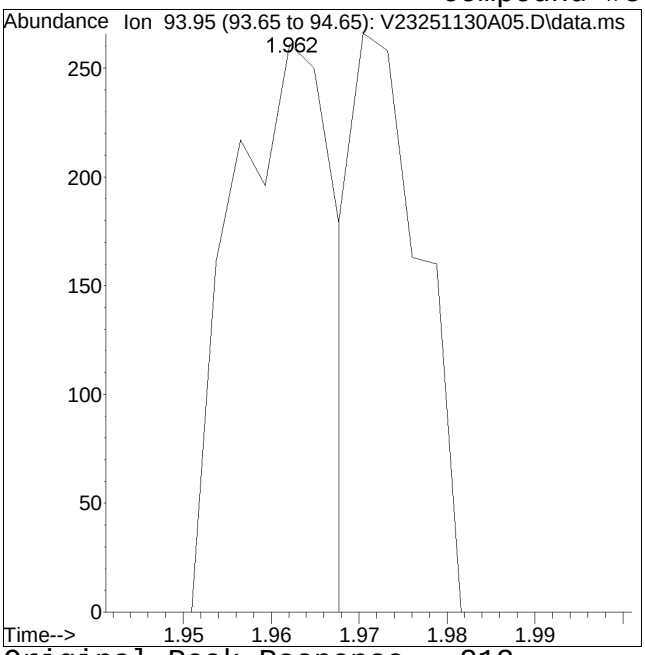
Tgt Ion:128 Resp: 2081

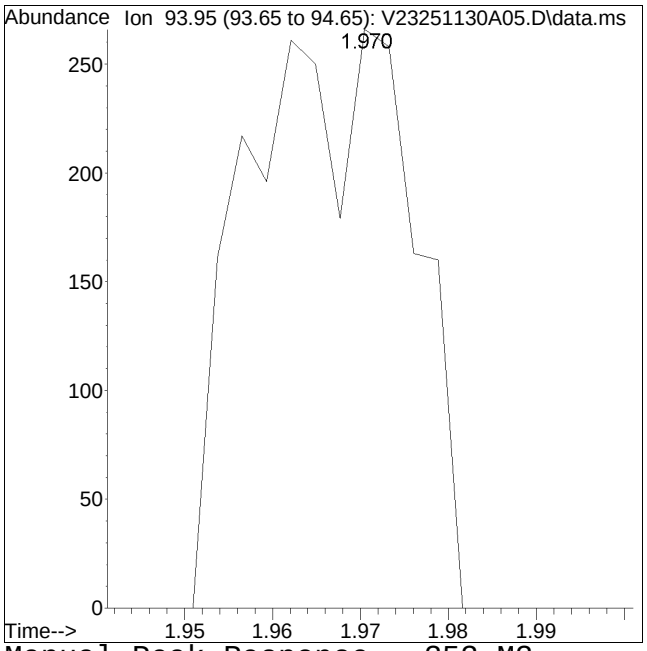


Manual Integration Report

Data Path : K:\VOA123\2025\251130A\ QMethod : V123_251103N_8260.m
Data File : V23251130A05.D Operator : VOA123:RAW
Date Inj'd : 11/30/2025 6:23 pm Instrument : VOA123
Sample : WG2147799-5,31h,15,15,0.1 Quant Date : 11/30/2025 7:40 pm

Compound #5: Bromomethane





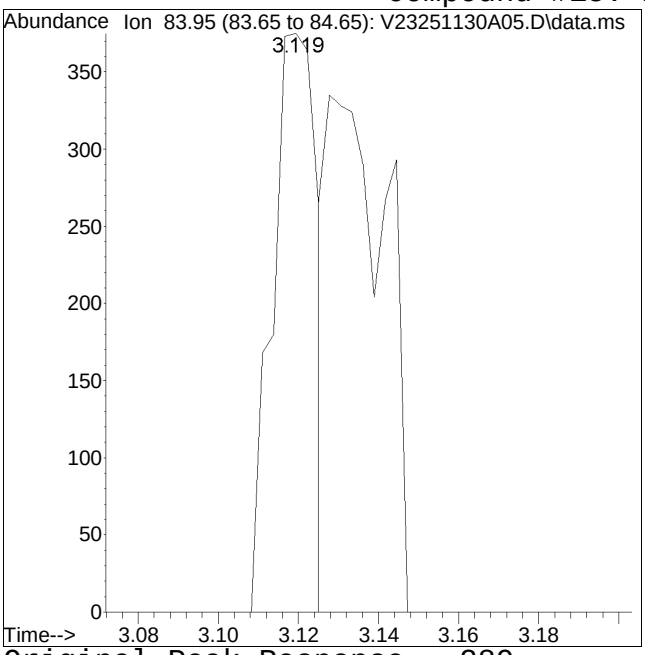
Original Peak Response = 212 Manual Peak Response = 353 M3

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

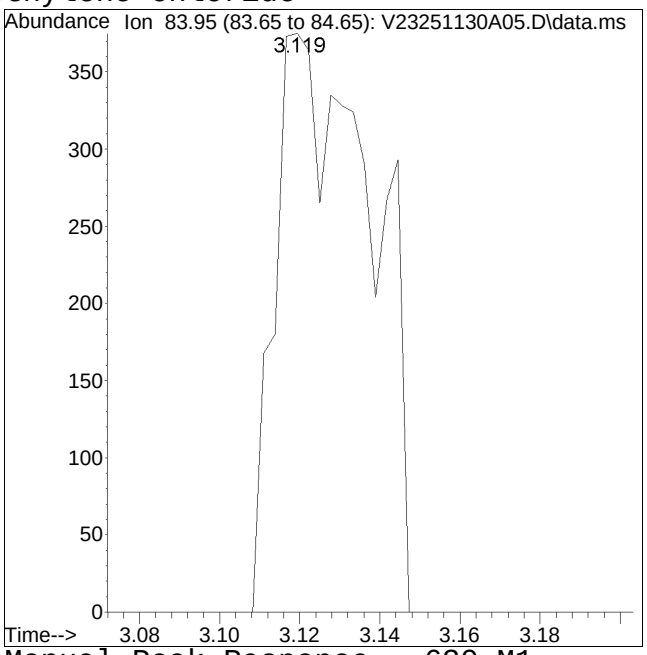
Manual Integration Report

Data Path : K:\VOA123\2025\251130A\ QMethod : V123_251103N_8260.m
Data File : V23251130A05.D Operator : VOA123:RAW
Date Inj'd : 11/30/2025 6:23 pm Instrument : VOA123
Sample : WG2147799-5,31h,15,15,0.1 Quant Date : 11/30/2025 7:40 pm

Compound #15: Methylene chloride



Original Peak Response = 289



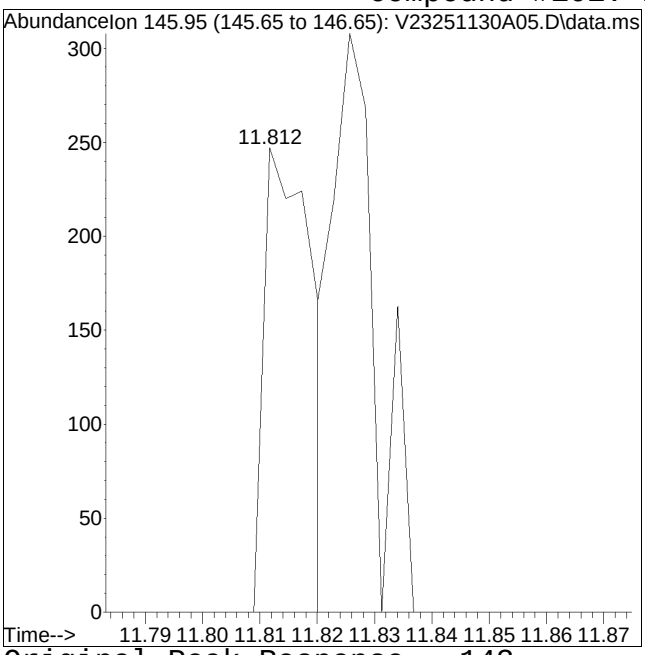
Manual Peak Response = 630 M1

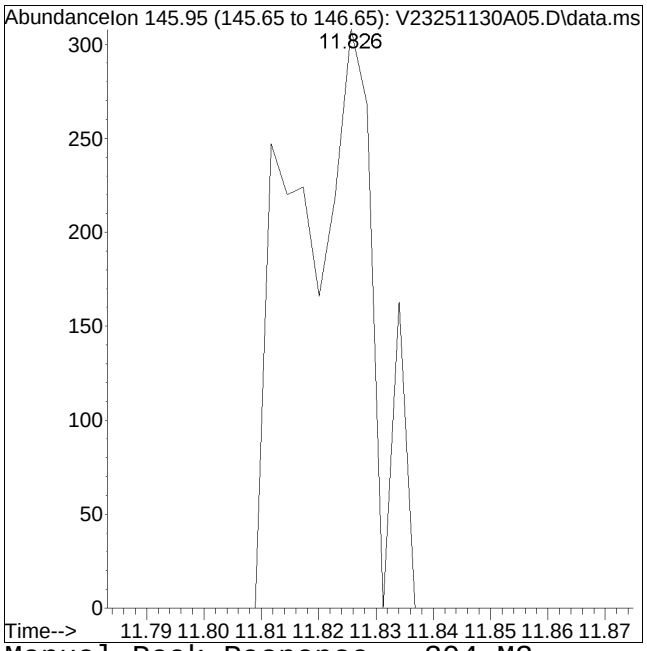
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251130A\ QMethod : V123_251103N_8260.m
Data File : V23251130A05.D Operator : VOA123:RAW
Date Inj'd : 11/30/2025 6:23 pm Instrument : VOA123
Sample : WG2147799-5,31h,15,15,0.1 Quant Date : 11/30/2025 7:40 pm

Compound #101: 1,4-Dichlorobenzene





Original Peak Response = 143 Manual Peak Response = 304 M3

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147797-3,31,5,5
Misc : WG2147797,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.518	96	217255	20.000 ug/L	0.00
Standard Area 1 = 217255			Recovery = 100.00%		
59) Chlorobenzene-d5	8.990	117	158239	20.000 ug/L	0.00
Standard Area 1 = 158239			Recovery = 100.00%		
79) 1,4-Dichlorobenzene-d4	11.798	152	88479	20.000 ug/L	0.00
Standard Area 1 = 88479			Recovery = 100.00%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.731	113	54289	19.838 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.19%		
43) 1,2-Dichloroethane-d4	5.239	65	52446	18.723 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.61%		
60) Toluene-d8	7.174	98	203522	19.019 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.09%		
83) 4-Bromofluorobenzene	10.537	95	75528	19.094 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.47%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.466	85	124830M1	52.166 ug/L	
3) Chloromethane	1.661	50	126424	48.575 ug/L	98
4) Vinyl chloride	1.692	62	152317	53.916 ug/L	90
5) Bromomethane	1.965	94	122876	68.000 ug/L	100
6) Chloroethane	2.071	64	102235	52.215 ug/L	97
7) Trichlorofluoromethane	2.191	101	223005	52.187 ug/L	100
8) Ethyl ether	2.453	74	64142	44.889 ug/L	90
10) 1,1-Dichloroethene	2.626	96	107370	47.492 ug/L	91
11) Carbon disulfide	2.656	76	369496	44.363 ug/L	97
15) Methylene chloride	3.133	84	122867	41.865 ug/L	90
17) Acetone	3.170	43	41116M1	60.753 ug/L	
18) trans-1,2-Dichloroethene	3.276	96	123034	46.551 ug/L	96
20) Methyl tert-butyl ether	3.362	73	325768	43.224 ug/L	95
23) 1,1-Dichloroethane	3.817	63	222534	45.787 ug/L	100
25) Acrylonitrile	3.864	53	26487	45.215 ug/L #	88
27) Vinyl acetate	4.042	43	237479	42.250 ug/L	94
28) cis-1,2-Dichloroethene	4.310	96	134239	44.316 ug/L	96
29) 2,2-Dichloropropane	4.405	77	191517	47.878 ug/L	92
30) Bromochloromethane	4.494	128	59836	44.232 ug/L	97
32) Chloroform	4.561	83	224369	37.744 ug/L	96

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147797-3,31,5,5
Misc : WG2147797,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	4.695	117	178078	46.240	ug/L		100
37) 1,1,1-Trichloroethane	4.756	97	201171	48.949	ug/L		98
39) 2-Butanone	4.848	43	33141	40.166	ug/L	#	72
40) 1,1-Dichloropropene	4.876	75	164459	51.398	ug/L		99
41) Benzene	5.111	78	465902	46.002	ug/L		97
44) 1,2-Dichloroethane	5.306	62	156814	42.447	ug/L		98
48) Trichloroethene	5.691	95	132222	47.562	ug/L		99
50) Dibromomethane	6.114	93	68748	41.620	ug/L		98
51) 1,2-Dichloropropane	6.215	63	121340	43.523	ug/L		100
54) Bromodichloromethane	6.290	83	170141	43.466	ug/L		99
57) 1,4-Dioxane	6.516	88	40273	2491.073	ug/L		95
58) cis-1,3-Dichloropropene	6.971	75	191390	44.443	ug/L	#	91
61) Toluene	7.230	92	298175	44.326	ug/L		100
62) 4-Methyl-2-pentanone	7.665	58	30172	42.128	ug/L	#	80
63) Tetrachloroethene	7.673	166	145089	50.141	ug/L		99
65) trans-1,3-Dichloropropene	7.710	75	163849	43.243	ug/L		99
68) 1,1,2-Trichloroethane	7.891	83	81148	42.002	ug/L		99
69) Chlorodibromomethane	8.094	129	122462	44.123	ug/L		98
70) 1,3-Dichloropropane	8.206	76	159840	41.902	ug/L		100
71) 1,2-Dibromoethane	8.362	107	95130	44.359	ug/L		99
72) 2-Hexanone	8.669	43	48852	38.000	ug/L		91
73) Chlorobenzene	9.009	112	341068	44.367	ug/L	#	86
74) Ethylbenzene	9.054	91	589038	44.235	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.096	131	125664	44.738	ug/L		99
76) p/m Xylene	9.241	106	460305	92.452	ug/L		100
77) o Xylene	9.782	106	445645	88.689	ug/L		100
78) Styrene	9.854	104	738105M1	87.176	ug/L		
80) Bromoform	9.865	173	76964	40.074	ug/L		100
82) Isopropylbenzene	10.197	105	599582	45.206	ug/L		99
84) Bromobenzene	10.649	156	149390	41.782	ug/L		99
85) n-Propylbenzene	10.707	91	704398	44.613	ug/L		99
87) 1,1,2,2-Tetrachloroethane	10.799	83	118041	40.443	ug/L		99
88) 4-Ethyltoluene	10.841	105	590021	44.905	ug/L		100
89) 2-Chlorotoluene	10.875	91	426663M6	43.276	ug/L		
90) 1,3,5-Trimethylbenzene	10.950	105	508400	43.620	ug/L		99
91) 1,2,3-Trichloropropane	10.939	75	91170M4	39.512	ug/L		
92) trans-1,4-Dichloro-2-b...	11.003	53	32664	40.057	ug/L	#	80
93) 4-Chlorotoluene	11.070	91	425469	42.463	ug/L		99
94) tert-Butylbenzene	11.299	119	435580	44.635	ug/L		99

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147797-3,31,5,5
Misc : WG2147797,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	11.382	105	502969	43.417	ug/L	99
98)	sec-Butylbenzene	11.497	105	660844	45.267	ug/L	100
99)	p-Isopropyltoluene	11.661	119	573975	45.397	ug/L	99
100)	1,3-Dichlorobenzene	11.720	146	296442	43.854	ug/L	99
101)	1,4-Dichlorobenzene	11.817	146	294709	42.553	ug/L	98
102)	p-Diethylbenzene	12.049	119	345207	46.114	ug/L	99
103)	n-Butylbenzene	12.107	91	541147	47.712	ug/L	99
104)	1,2-Dichlorobenzene	12.250	146	270050	42.619	ug/L	99
105)	1,2,4,5-Tetramethylben...	12.860	119	538239	44.158	ug/L	99
106)	1,2-Dibromo-3-chloropr...	13.044	155	17099	38.290	ug/L	96
108)	Hexachlorobutadiene	13.669	225	122997	47.448	ug/L	99
109)	1,2,4-Trichlorobenzene	13.688	180	205578	45.020	ug/L	99
110)	Naphthalene	13.979	128	364877	41.694	ug/L	100
111)	1,2,3-Trichlorobenzene	14.149	180	170150	43.517	ug/L	98

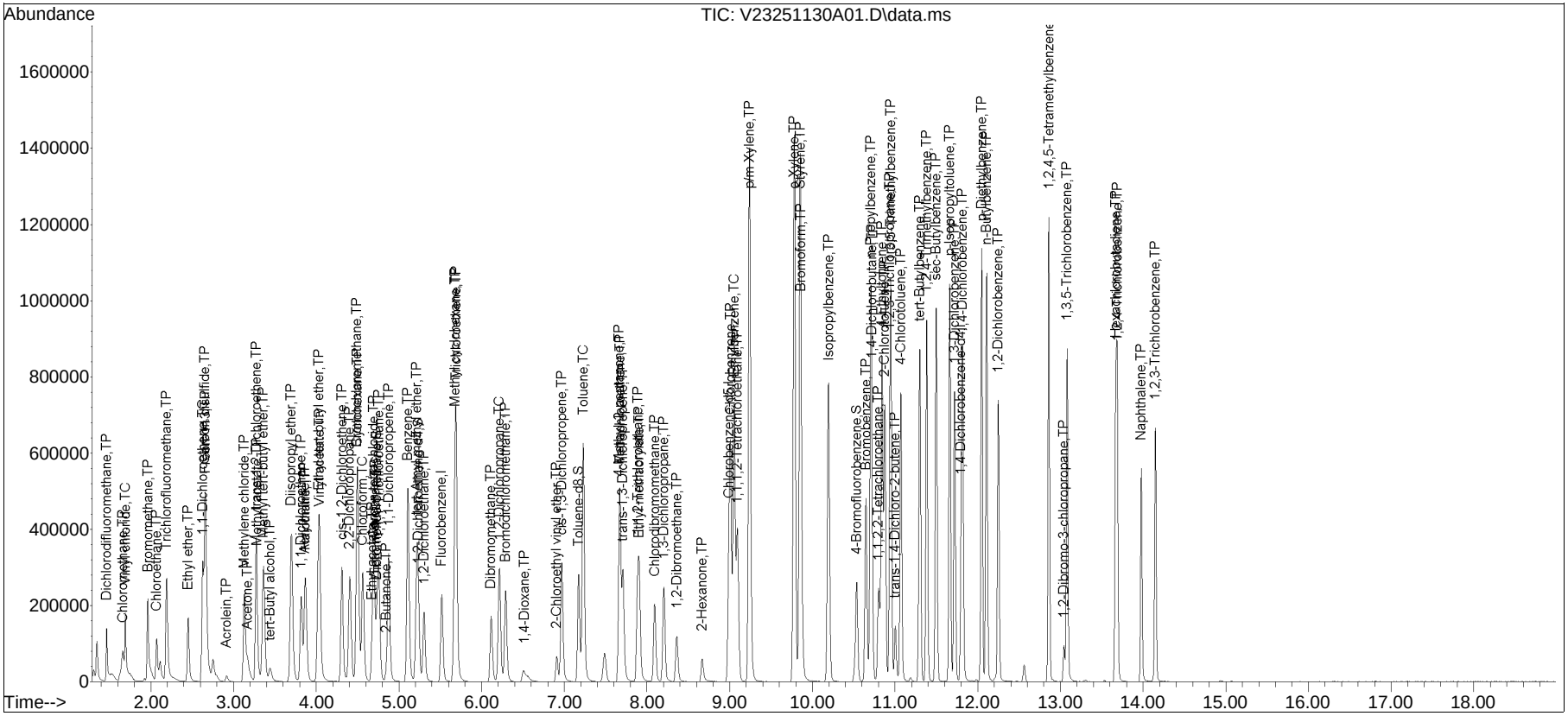
(#) = qualifier out of range (m) = manual integration (+) = signals summed

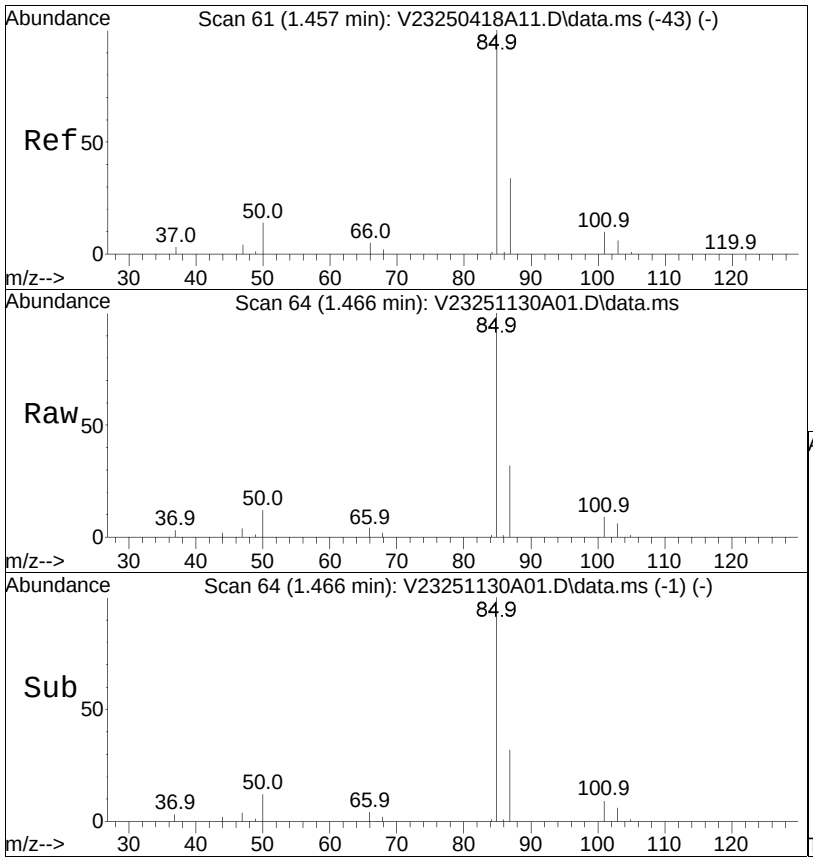
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147797-3,31,5,5
Misc : WG2147797,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox30A01.D•

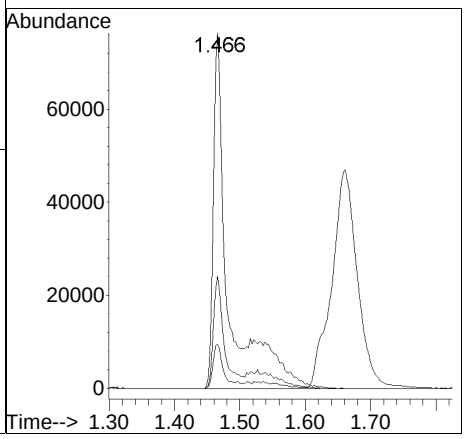


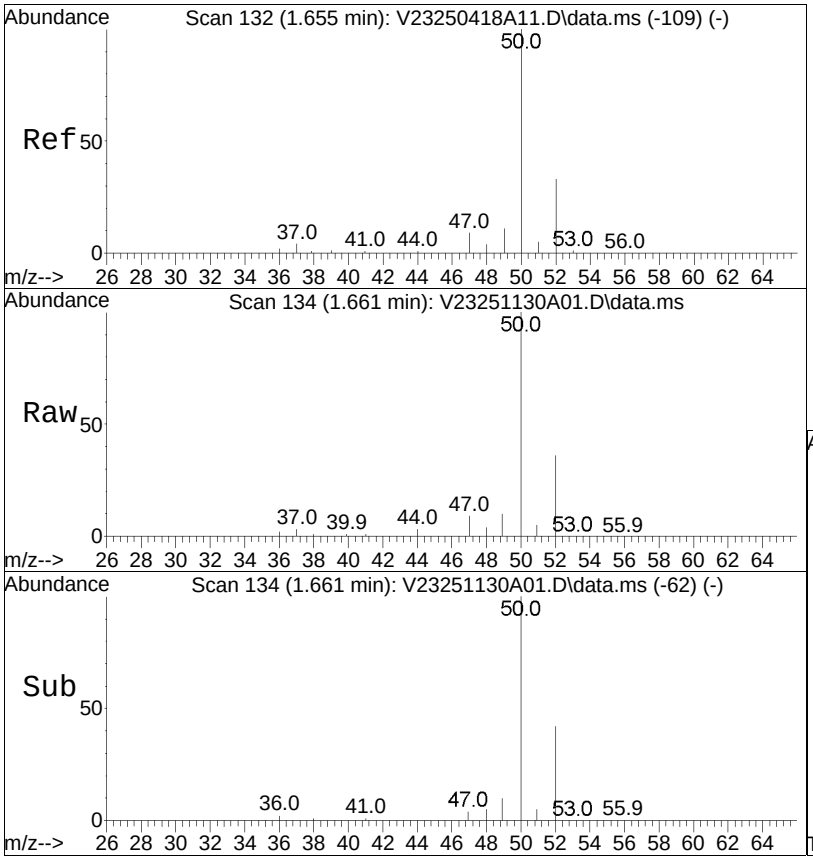


#2
Dichlorodifluoromethane
Concen: 52.17 ug/L M1
RT: 1.466 min Scan# 64
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 85 Resp: 124830

Ion	Ratio	Lower	Upper
85	100		
87	21.8	21.1	43.7
50	8.1	7.3	15.3

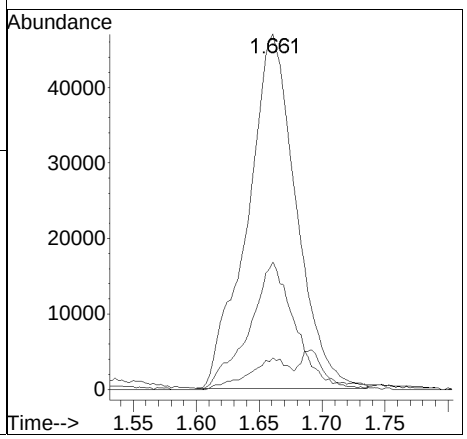


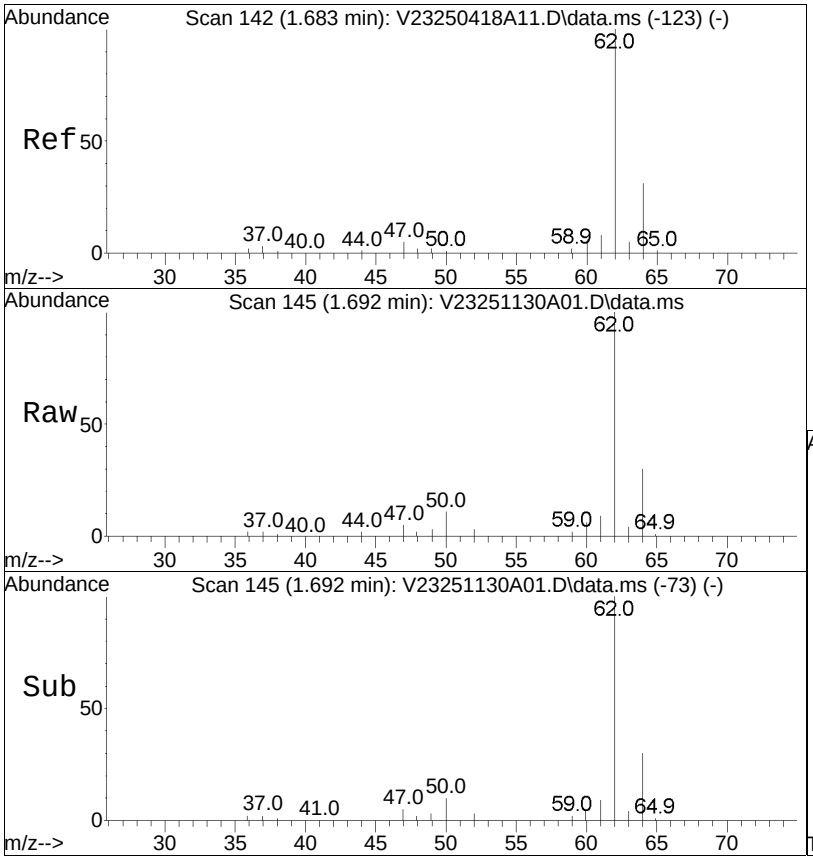


#3
Chloromethane
Concen: 48.57 ug/L
RT: 1.661 min Scan# 134
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 50 Resp: 126424

Ion	Ratio	Lower	Upper
50	100		
52	34.1	12.7	52.7
47	7.3	0.0	28.1

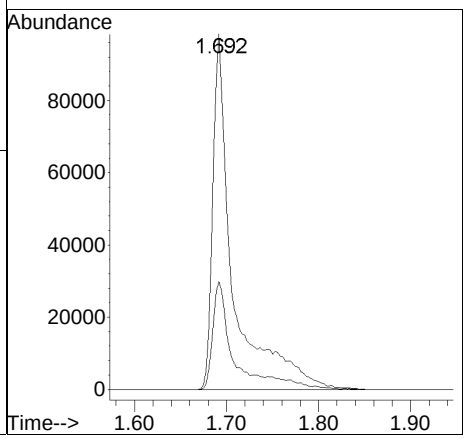


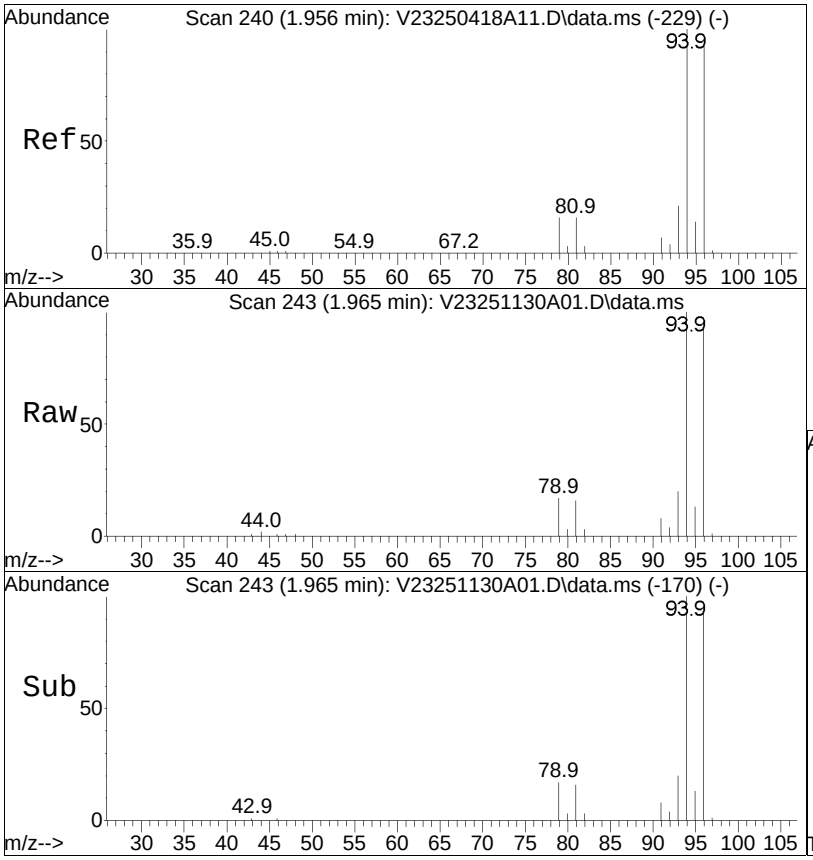


#4
Vinyl chloride
Concen: 53.92 ug/L
RT: 1.692 min Scan# 145
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 62 Resp: 152317

Ion	Ratio	Lower	Upper
62	100		
64	26.5	12.0	52.0

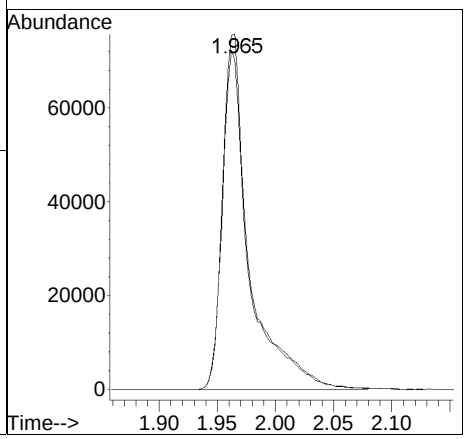


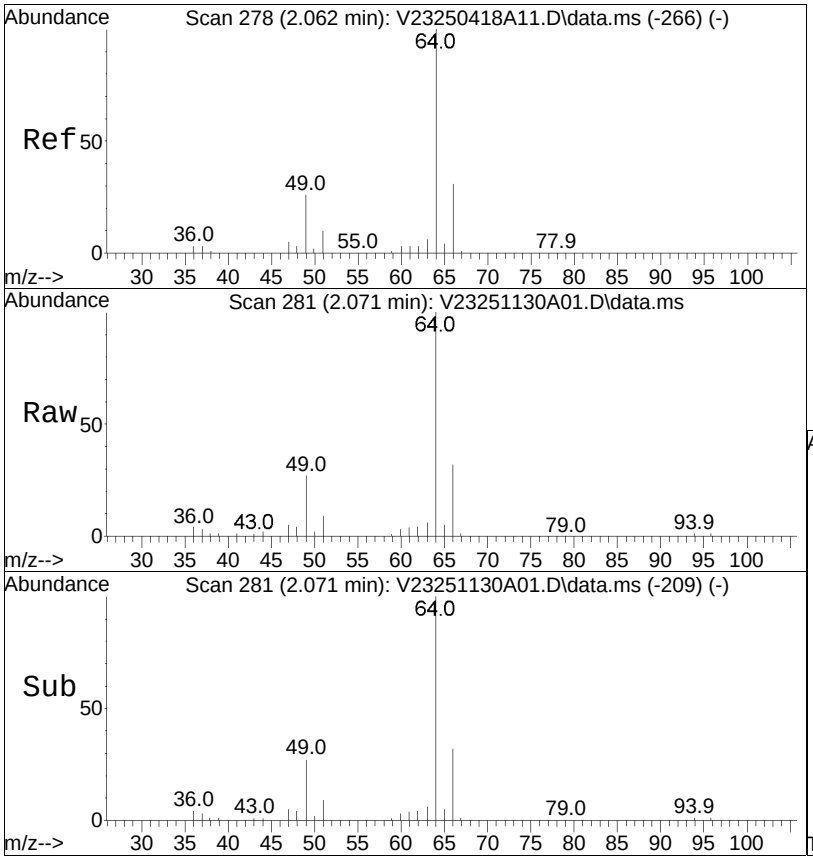


#5
Bromomethane
Concen: 68.00 ug/L
RT: 1.965 min Scan# 243
Delta R.T. 0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 94 Resp: 122876

Ion	Ratio	Lower	Upper
94	100		
96	94.3	74.6	114.6

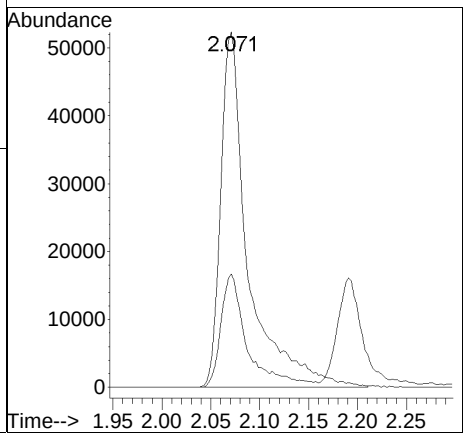


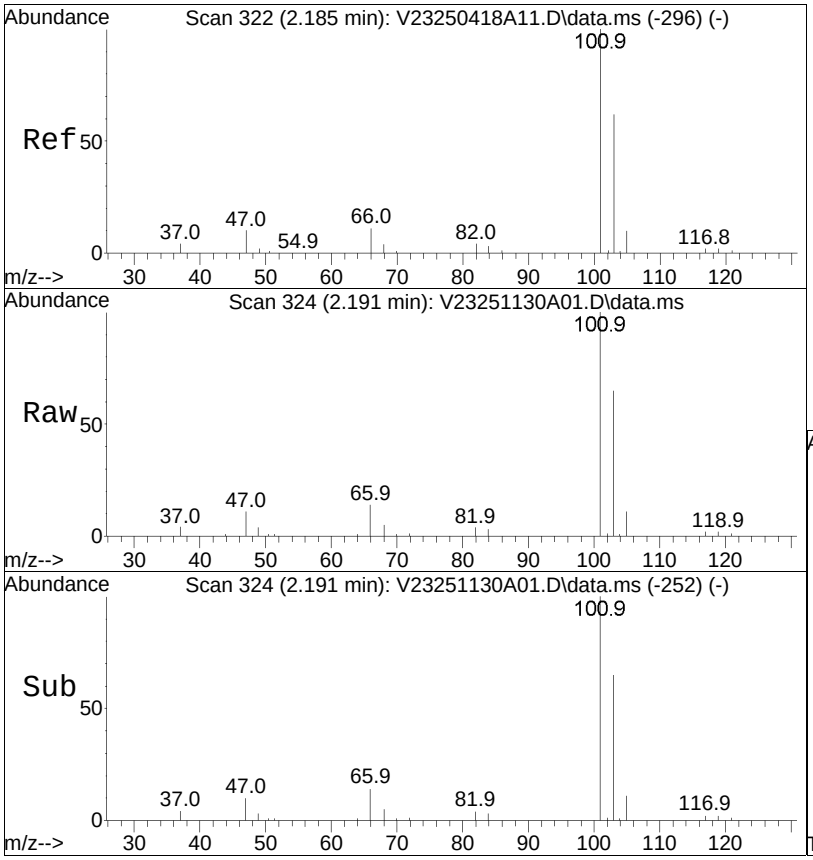


#6
Chloroethane
Concen: 52.21 ug/L
RT: 2.071 min Scan# 281
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 64 Resp: 102235

Ion	Ratio	Lower	Upper
64	100		
66	31.1	12.6	52.6

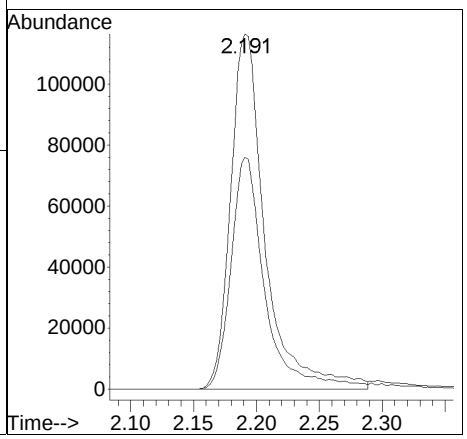


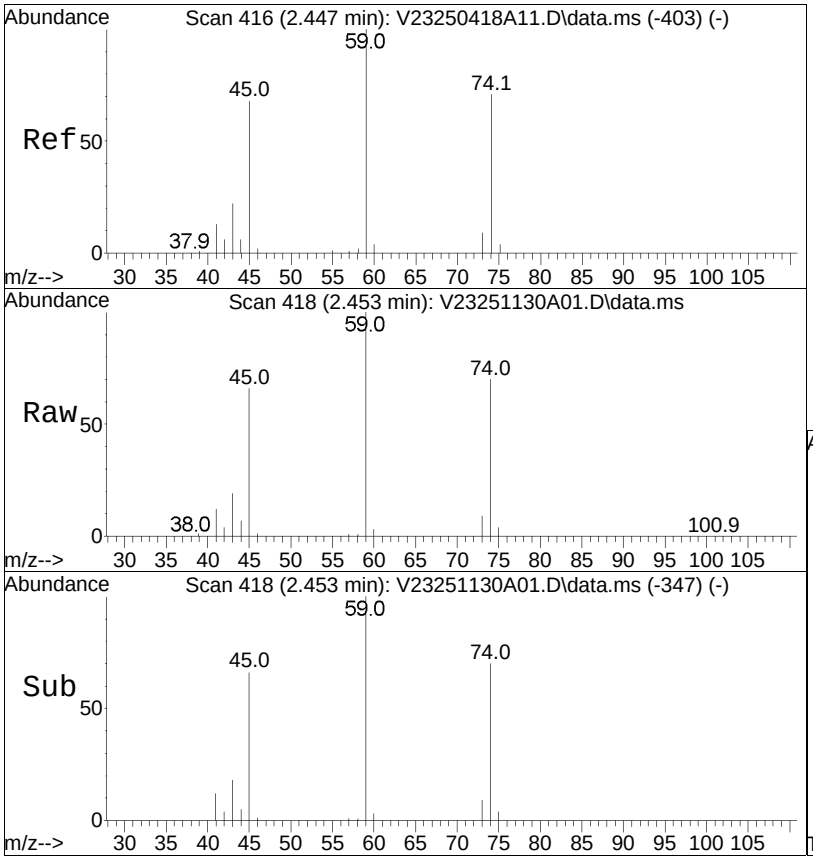


#7
Trichlorofluoromethane
Concen: 52.19 ug/L
RT: 2.191 min Scan# 324
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:101 Resp: 223005

Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.4	77.2

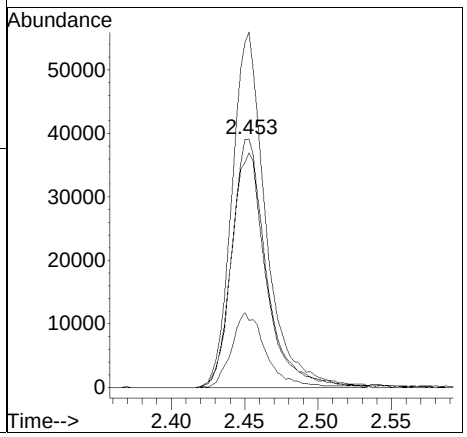


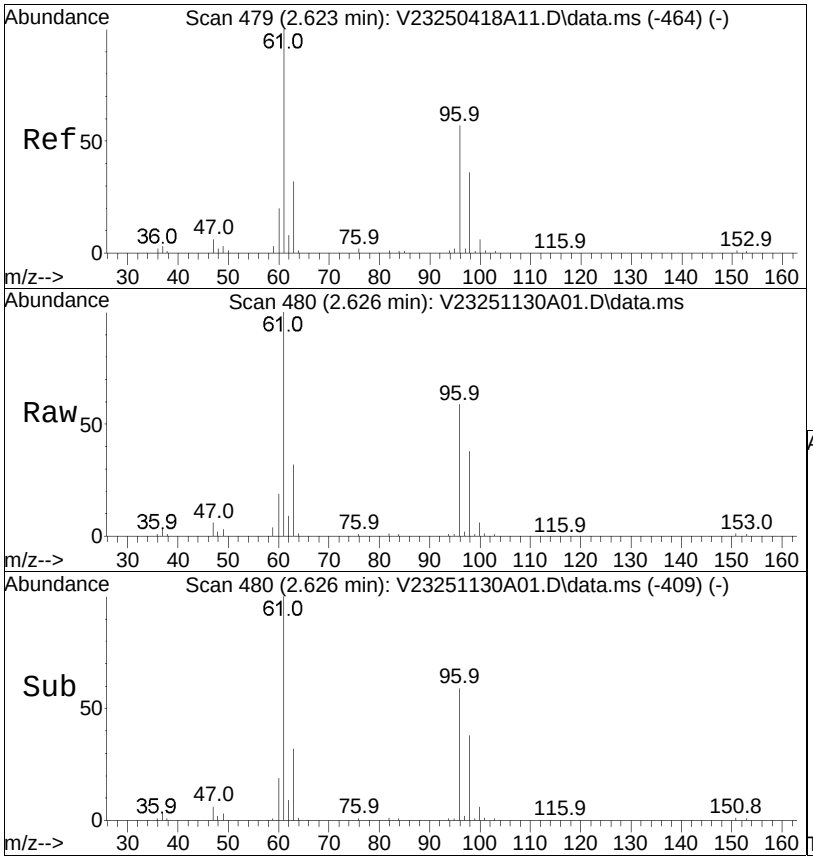


#8
Ethyl ether
Concen: 44.89 ug/L
RT: 2.453 min Scan# 418
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 74 Resp: 64142

Ion	Ratio	Lower	Upper
74	100		
59	139.7	84.3	175.1
45	95.7	55.4	115.2
43	30.0	15.9	32.9

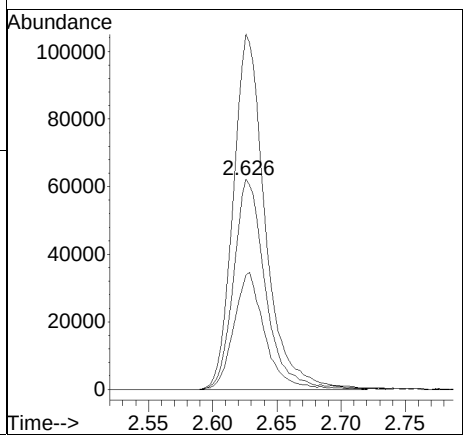


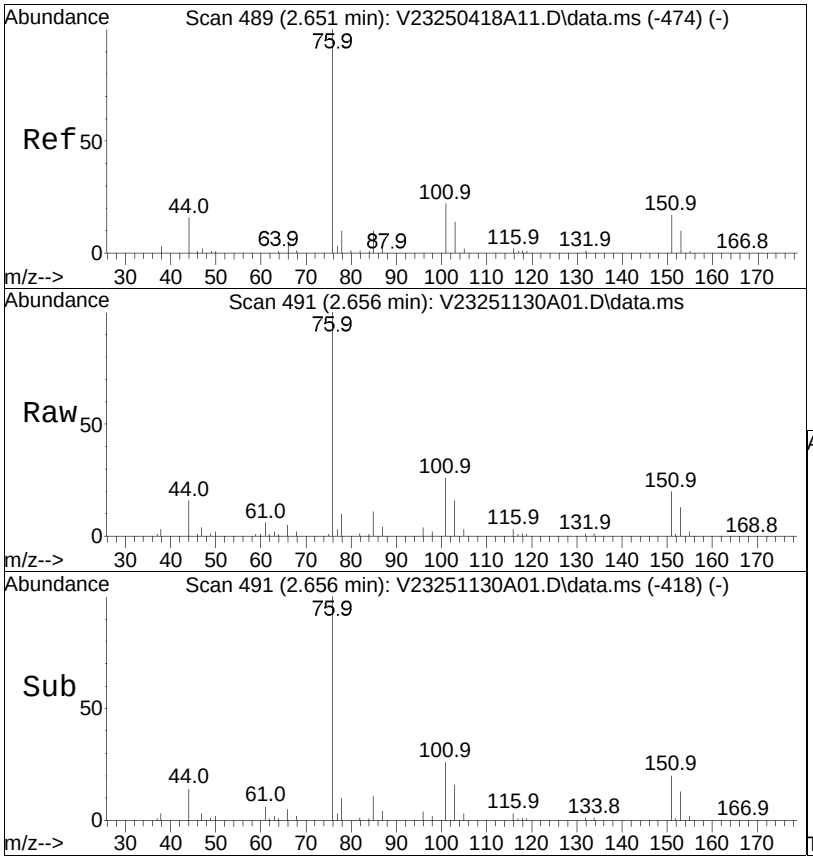


#10
1,1-Dichloroethene
Concen: 47.49 ug/L
RT: 2.626 min Scan# 480
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 96 Resp: 107370

Ion	Ratio	Lower	Upper
96	100		
61	169.8	124.5	186.7
63	54.2	40.7	61.1

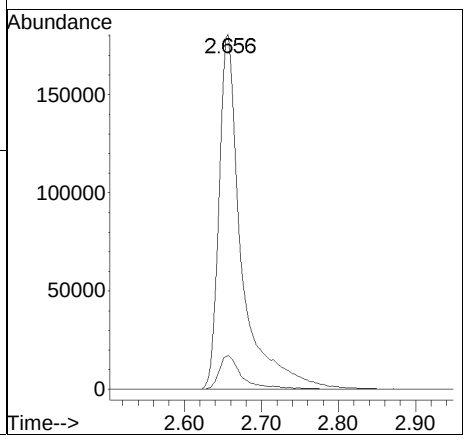


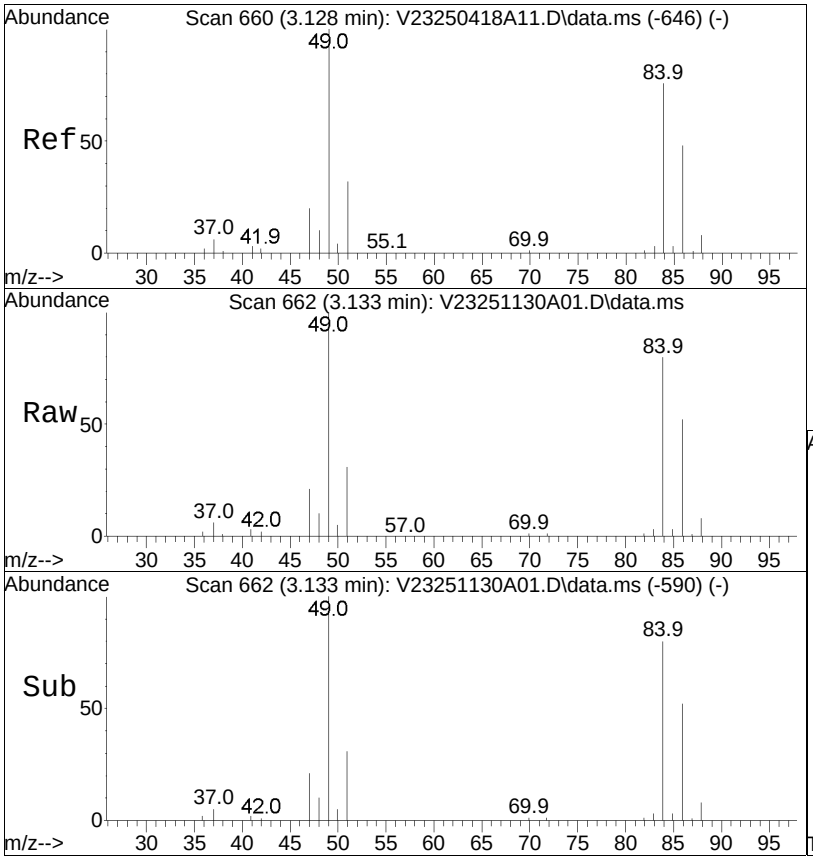


#11
Carbon disulfide
Concen: 44.36 ug/L
RT: 2.656 min Scan# 491
Delta R.T. 0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 76 Resp: 369496

Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.7	13.9

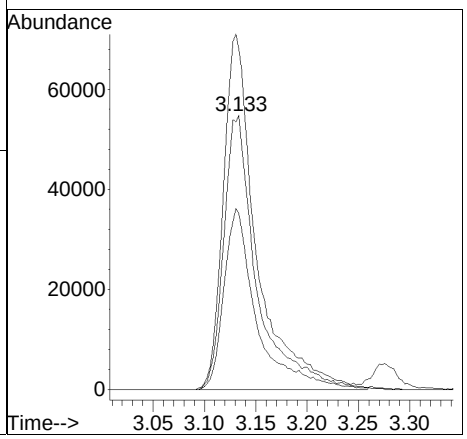


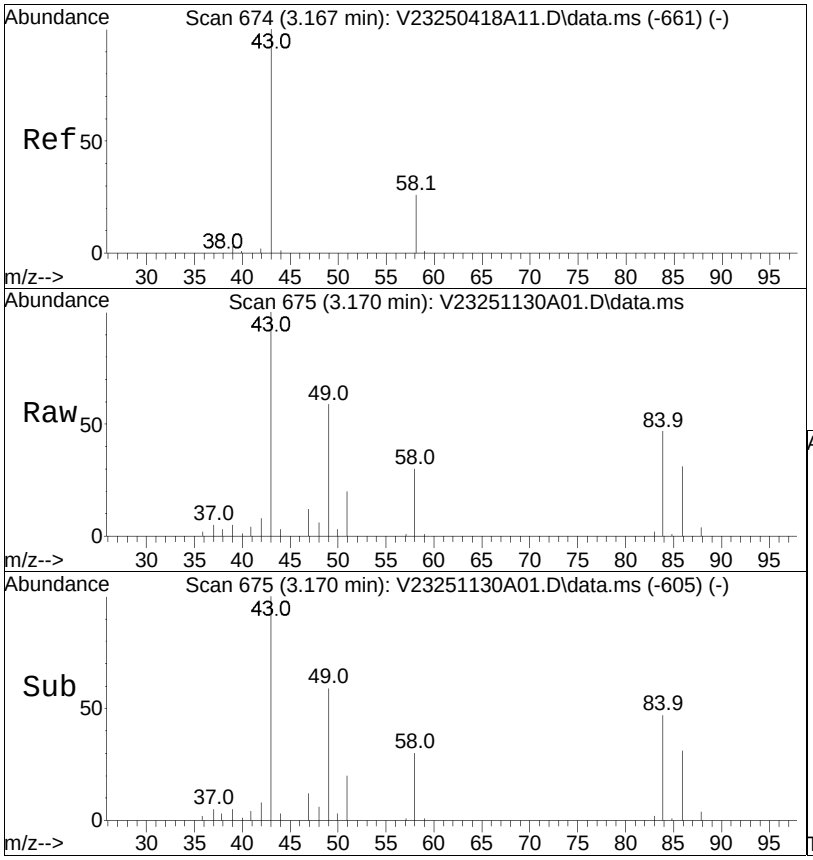


#15
Methylene chloride
Concen: 41.87 ug/L
RT: 3.133 min Scan# 662
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 84 Resp: 122867

Ion	Ratio	Lower	Upper
84	100		
86	65.4	42.0	87.2
49	130.2	74.0	153.6

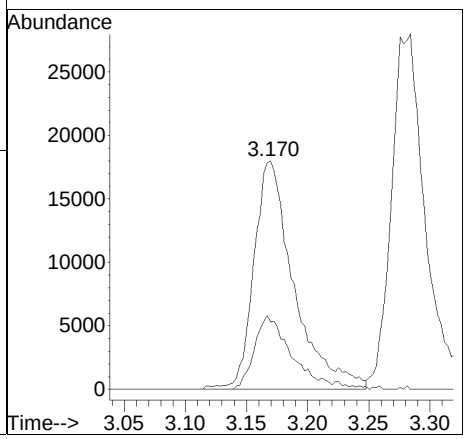


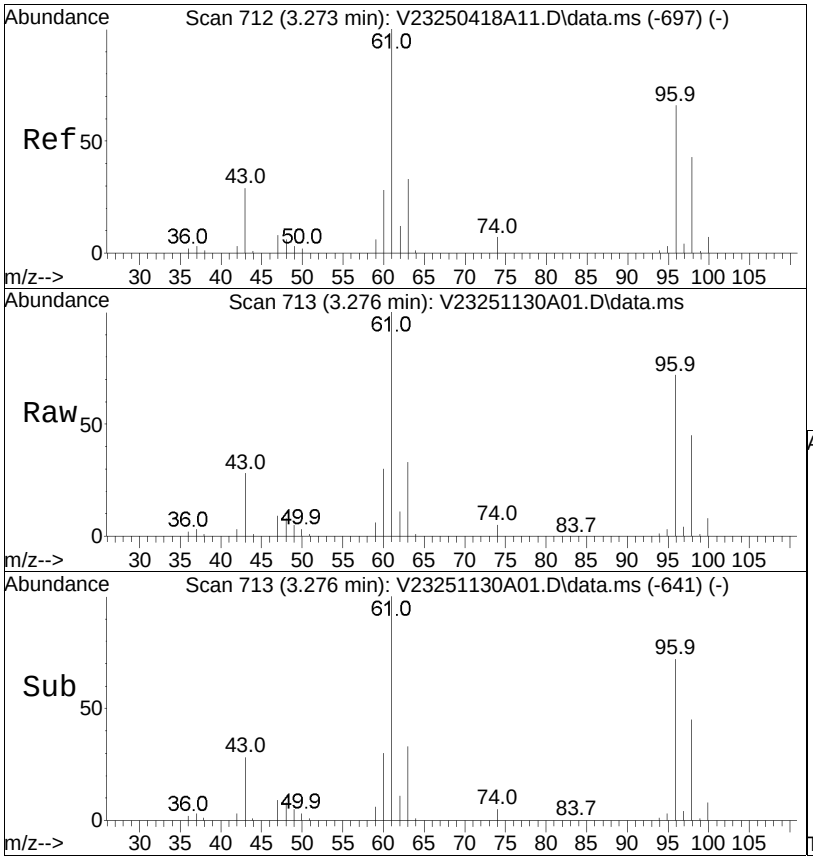


#17
Acetone
Concen: 60.75 ug/L M1
RT: 3.170 min Scan# 675
Delta R.T. -0.002 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 43 Resp: 41116

Ion	Ratio	Lower	Upper
43	100		
58	29.3	28.2	42.4

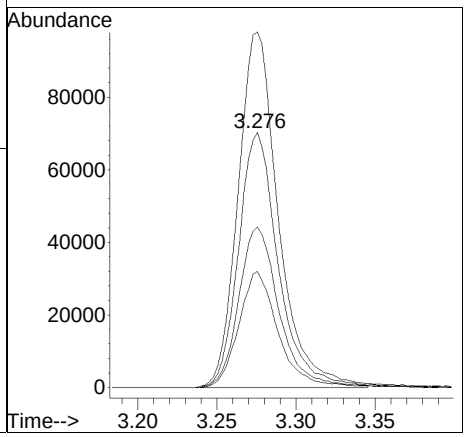


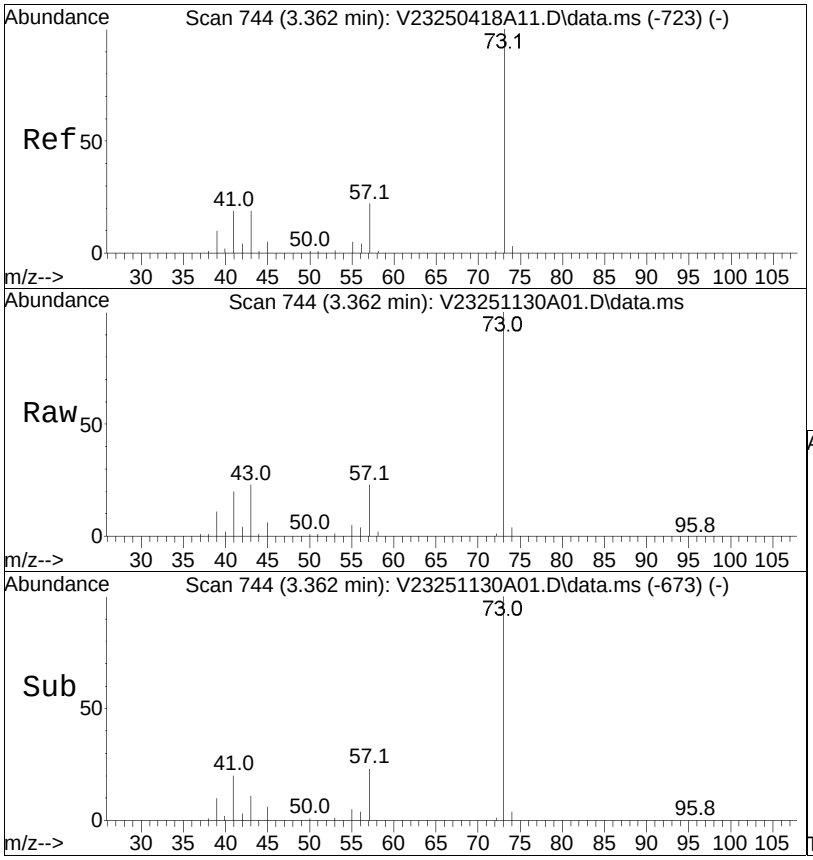


#18
trans-1,2-Dichloroethene
Concen: 46.55 ug/L
RT: 3.276 min Scan# 713
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 96 Resp: 123034

Ion	Ratio	Lower	Upper
96	100		
61	142.6	87.3	181.3
98	63.8	41.1	85.5
63	45.1	28.3	58.7

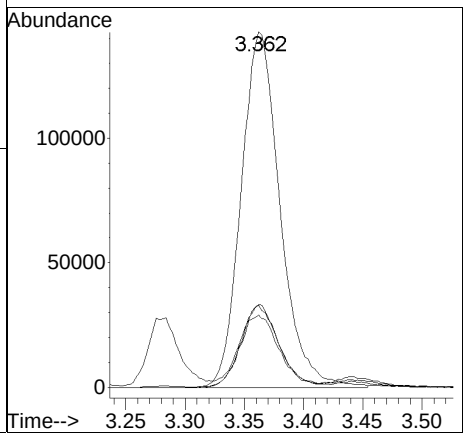


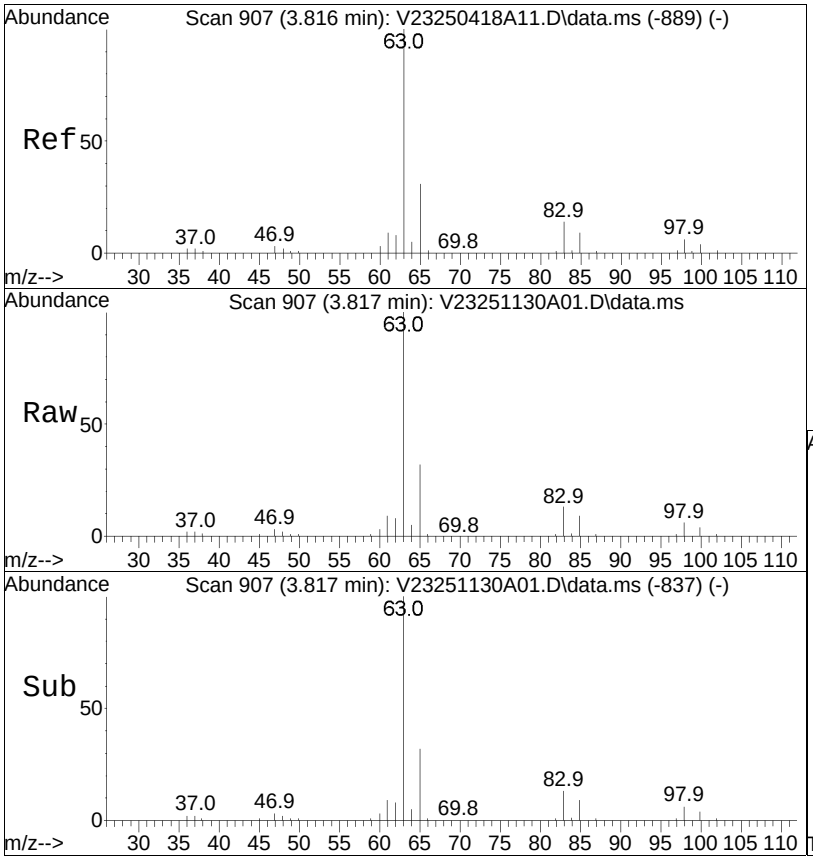


#20
Methyl tert-butyl ether
Concen: 43.22 ug/L
RT: 3.362 min Scan# 744
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 73 Resp: 325768

Ion	Ratio	Lower	Upper
73	100		
57	22.5	14.2	29.4
43	22.5	12.4	25.7
41	20.8	11.6	24.0

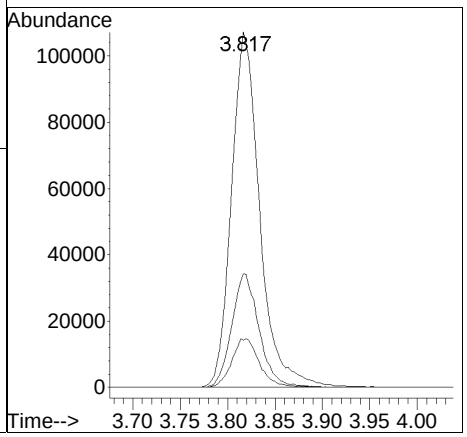


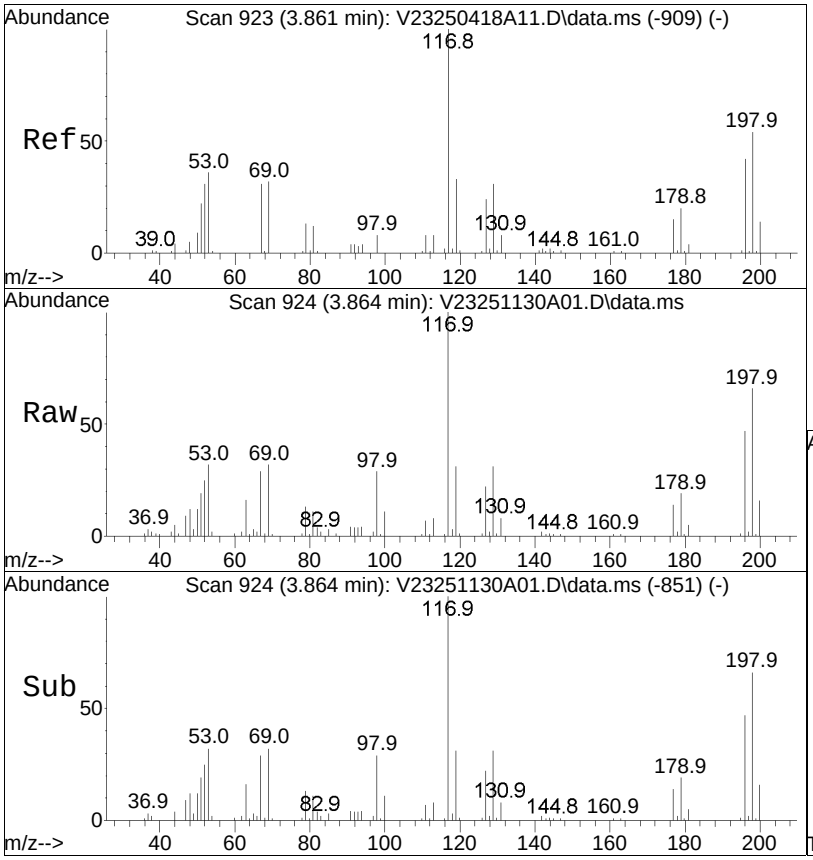


#23
1,1-Dichloroethane
Concen: 45.79 ug/L
RT: 3.817 min Scan# 907
Delta R.T. -0.006 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 63 Resp: 222534

Ion	Ratio	Lower	Upper
63	100		
65	31.0	11.1	51.1
83	13.5	0.0	33.3

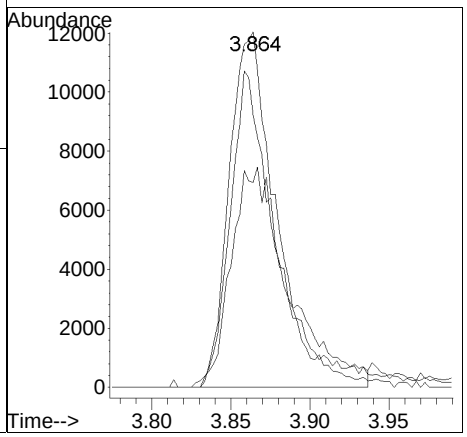


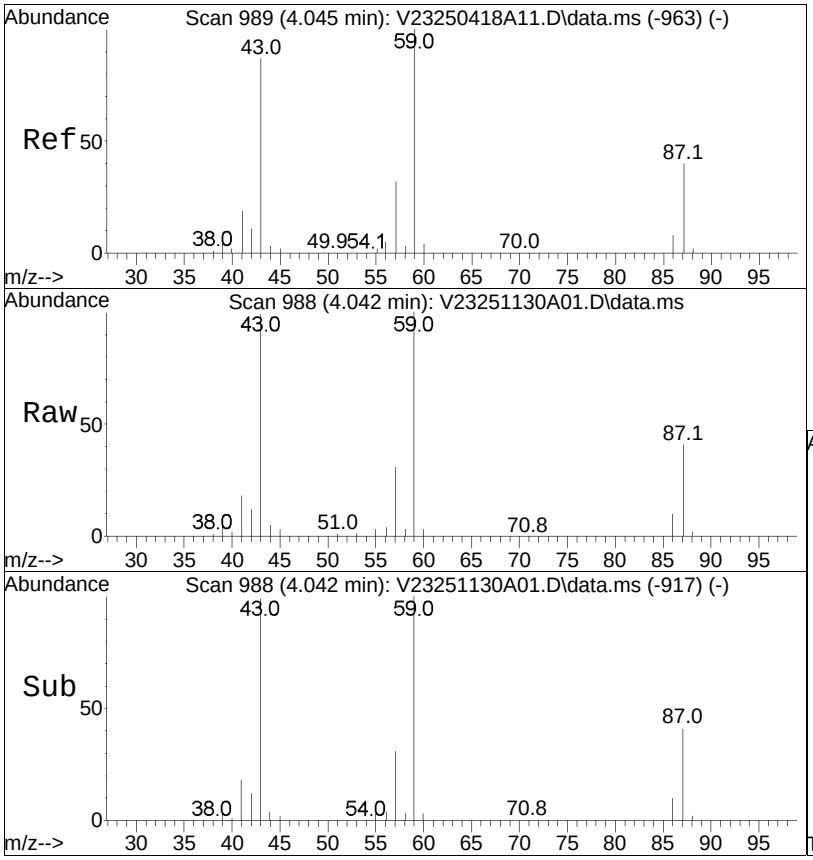


#25
Acrylonitrile
Concen: 45.22 ug/L
RT: 3.864 min Scan# 924
Delta R.T. 0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 53 Resp: 26487

Ion	Ratio	Lower	Upper
53	100		
52	80.3	67.1	100.7
51	65.6	38.5	57.7#

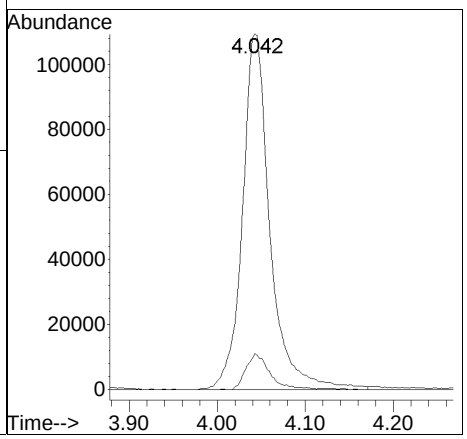


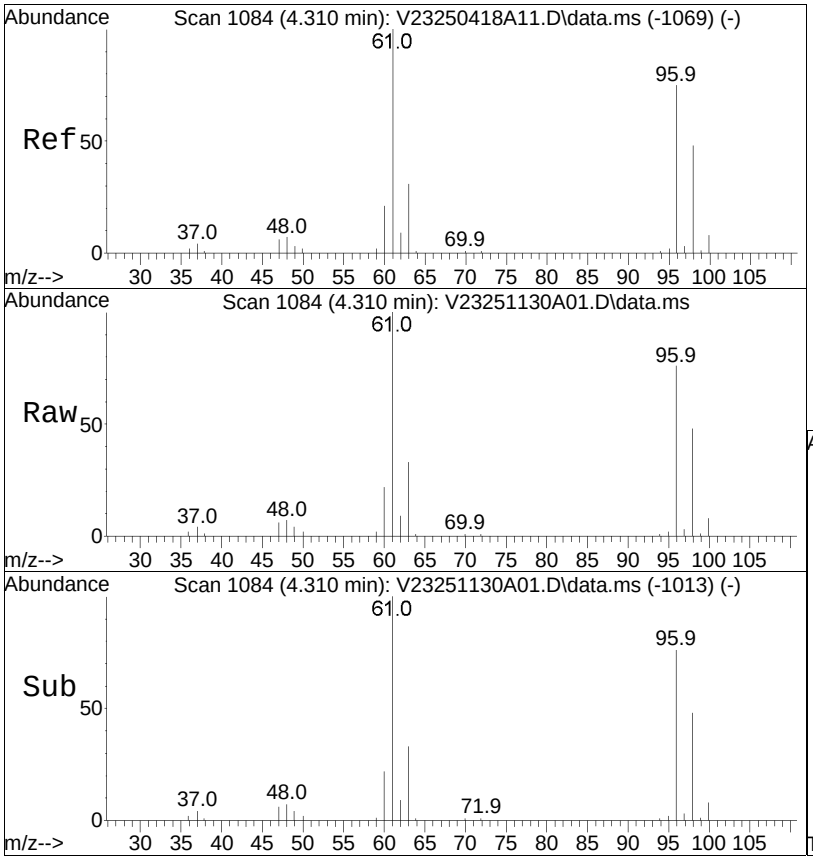


#27
Vinyl acetate
Concen: 42.25 ug/L
RT: 4.042 min Scan# 988
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 43 Resp: 237479

Ion	Ratio	Lower	Upper
43	100		
86	8.6	8.6	12.8

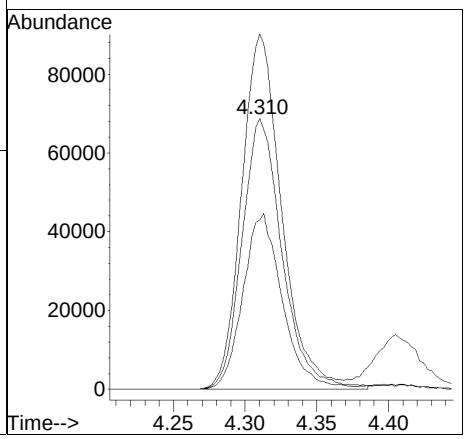


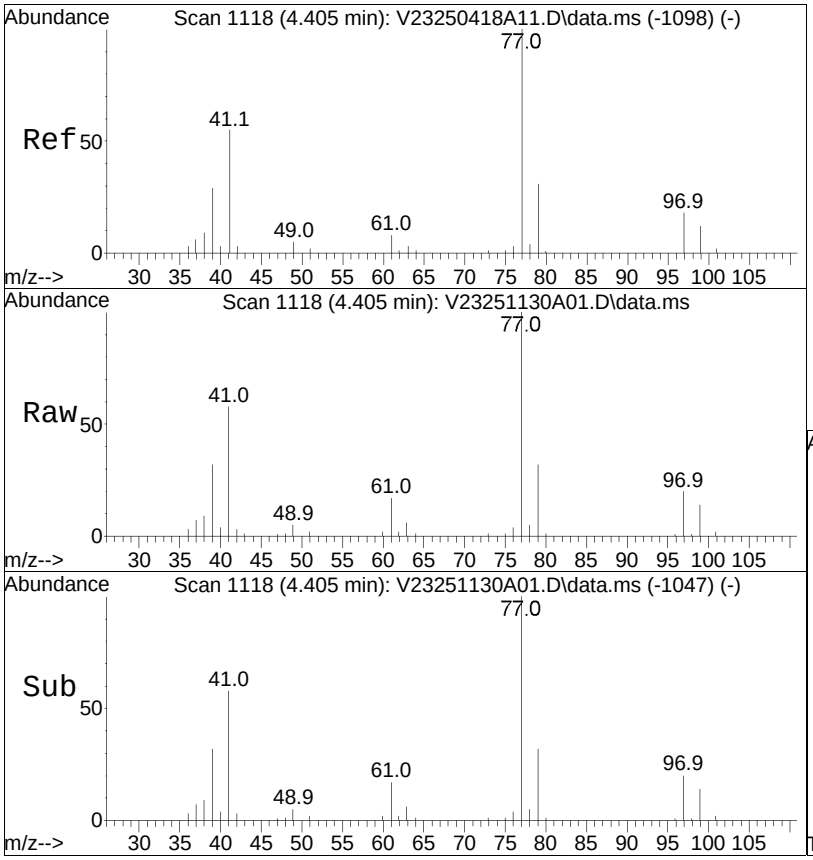


#28
cis-1,2-Dichloroethene
Concen: 44.32 ug/L
RT: 4.310 min Scan# 1084
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 96 Resp: 134239

Ion	Ratio	Lower	Upper
96	100		
61	130.2	98.2	147.2
98	63.9	51.0	76.6

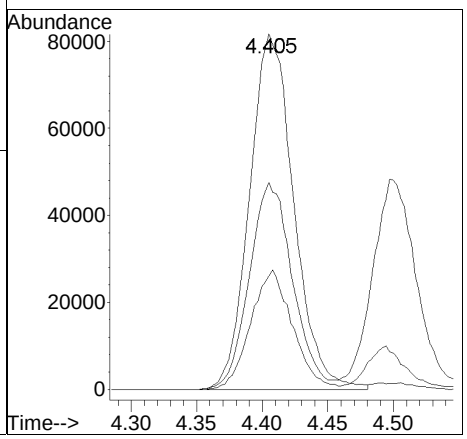


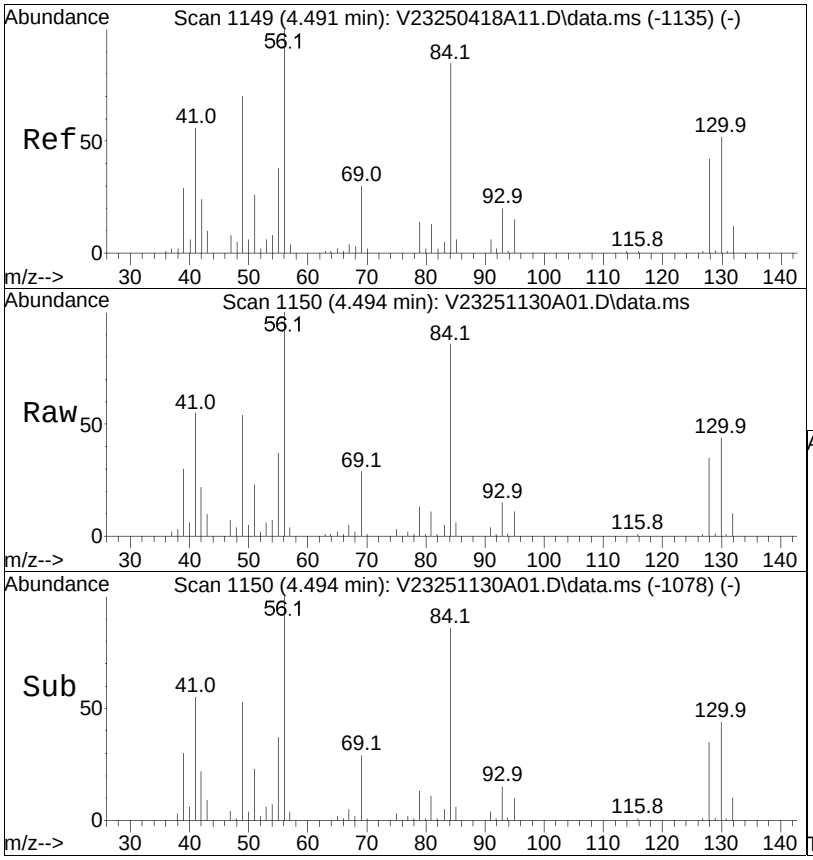


#29
2,2-Dichloropropane
Concen: 47.88 ug/L
RT: 4.405 min Scan# 1118
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 77 Resp: 191517

Ion	Ratio	Lower	Upper
77	100		
41	56.8	31.1	64.7
79	31.8	20.7	43.1

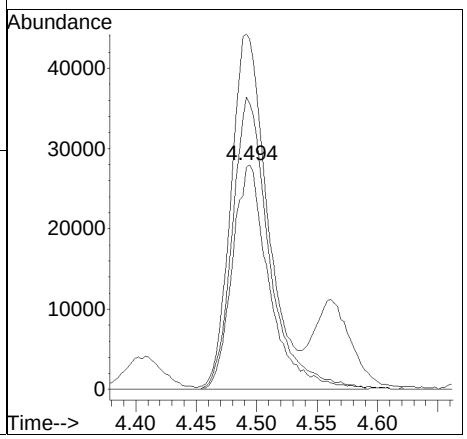


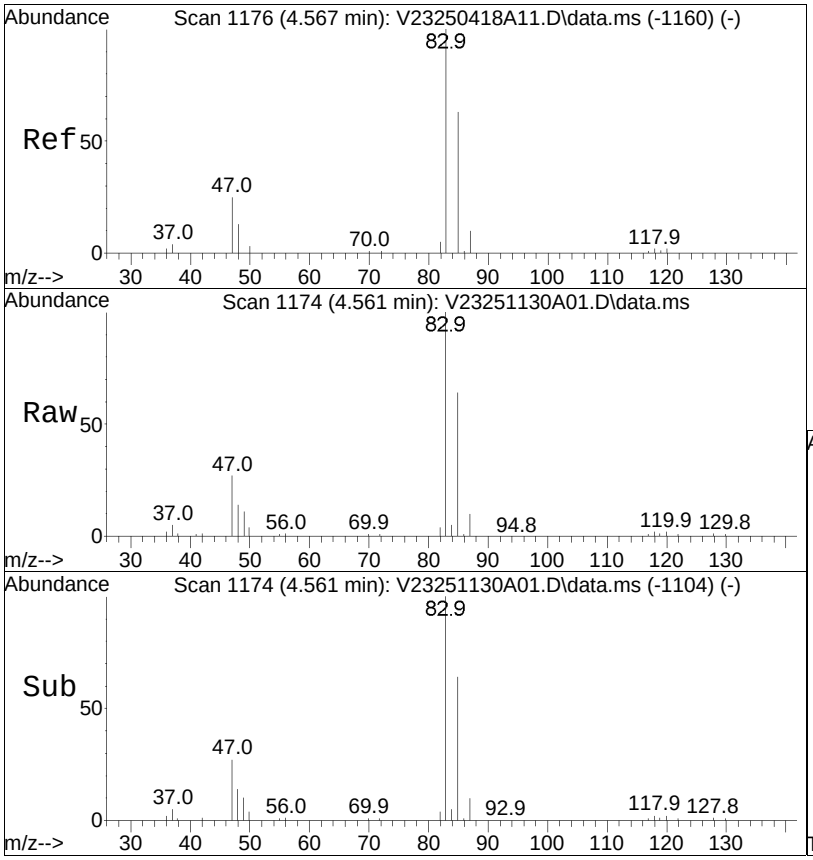


#30
Bromochloromethane
Concen: 44.23 ug/L
RT: 4.494 min Scan# 1150
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:128 Resp: 59836

Ion	Ratio	Lower	Upper
128	100		
49	154.0	117.6	176.4
130	129.5	103.8	155.8

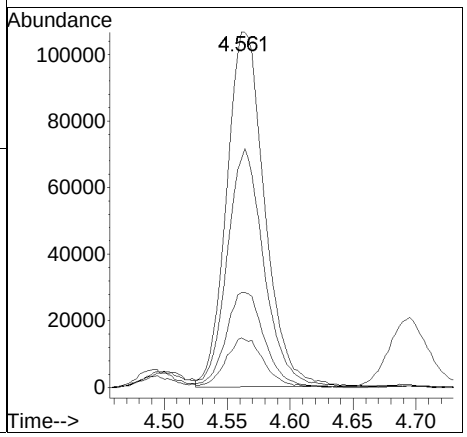


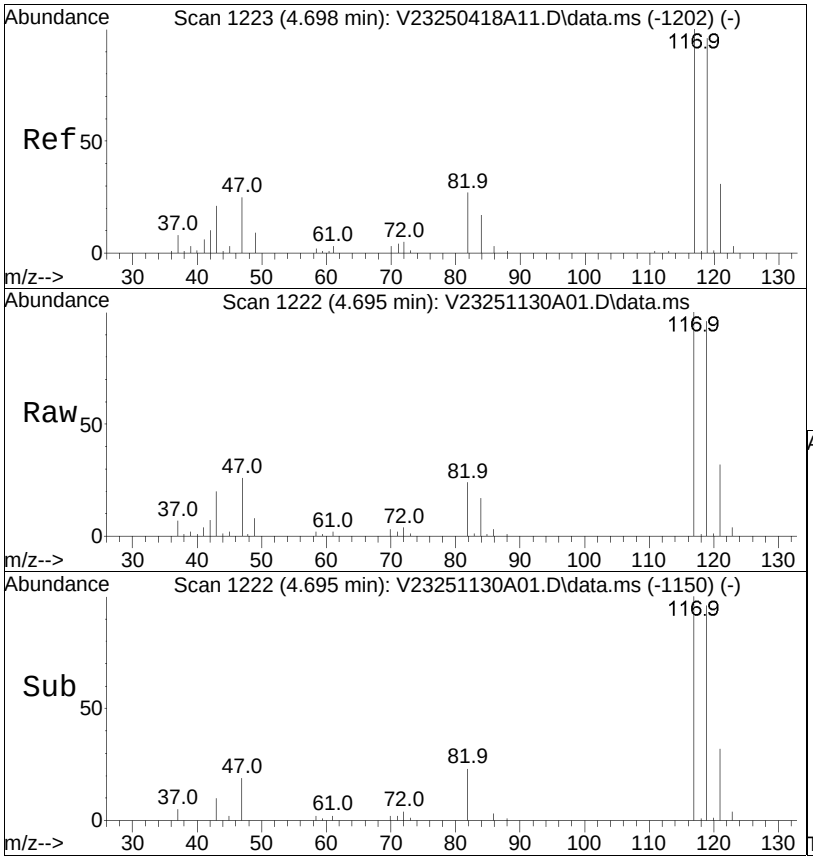


#32
Chloroform
Concen: 37.74 ug/L
RT: 4.561 min Scan# 1174
Delta R.T. -0.006 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 83 Resp: 224369

Ion	Ratio	Lower	Upper
83	100		
85	64.9	42.1	87.3
47	26.9	14.0	29.2
48	14.1	7.2	14.9

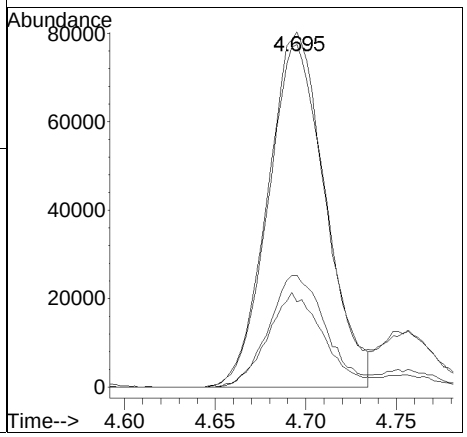


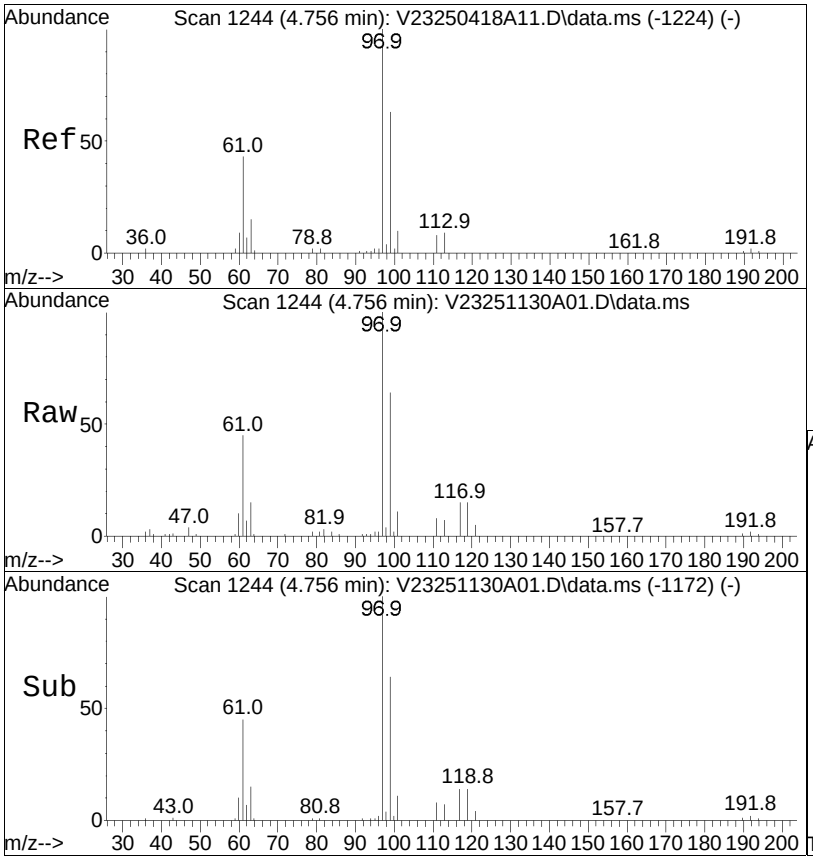


#34
Carbon tetrachloride
Concen: 46.24 ug/L
RT: 4.695 min Scan# 1222
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:117 Resp: 178078

Ion	Ratio	Lower	Upper
117	100		
119	96.6	62.7	130.3
121	31.2	20.3	42.1
82	25.9	16.4	34.2

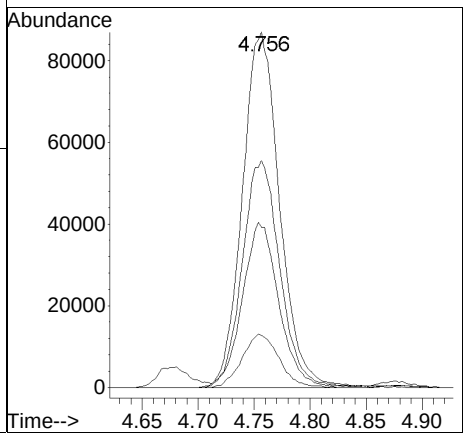


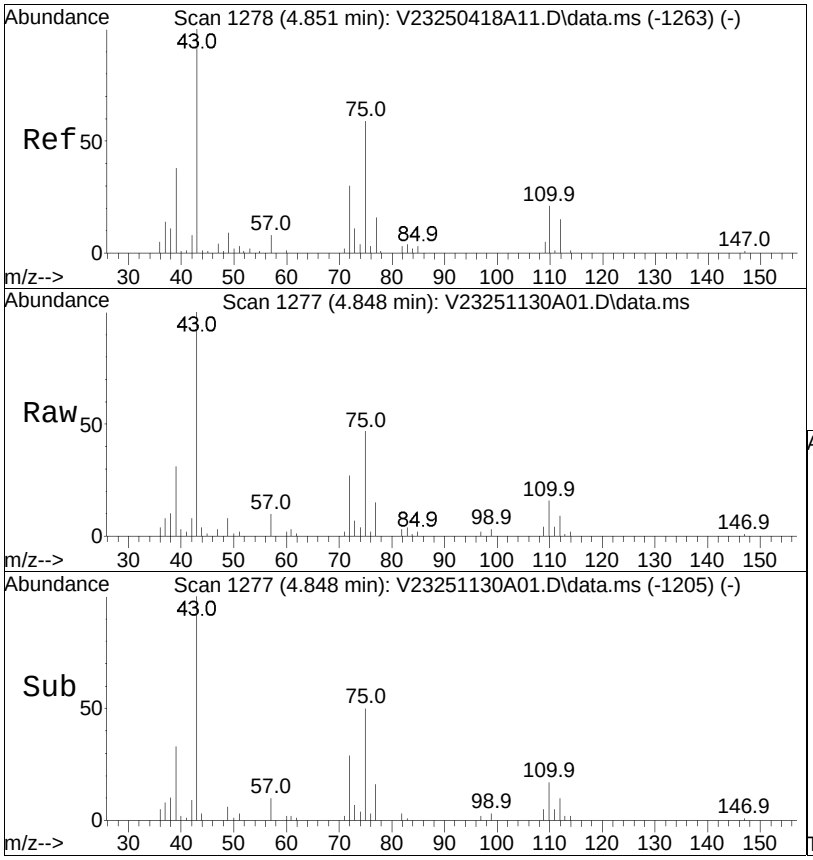


#37
1,1,1-Trichloroethane
Concen: 48.95 ug/L
RT: 4.756 min Scan# 1244
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 97 Resp: 201171

Ion	Ratio	Lower	Upper
97	100		
99	64.1	41.5	86.3
61	45.5	27.4	57.0
63	14.7	9.0	18.6

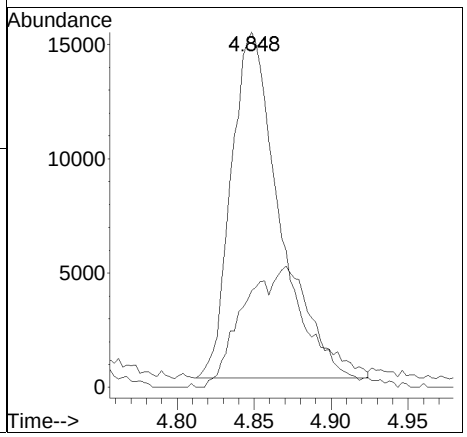


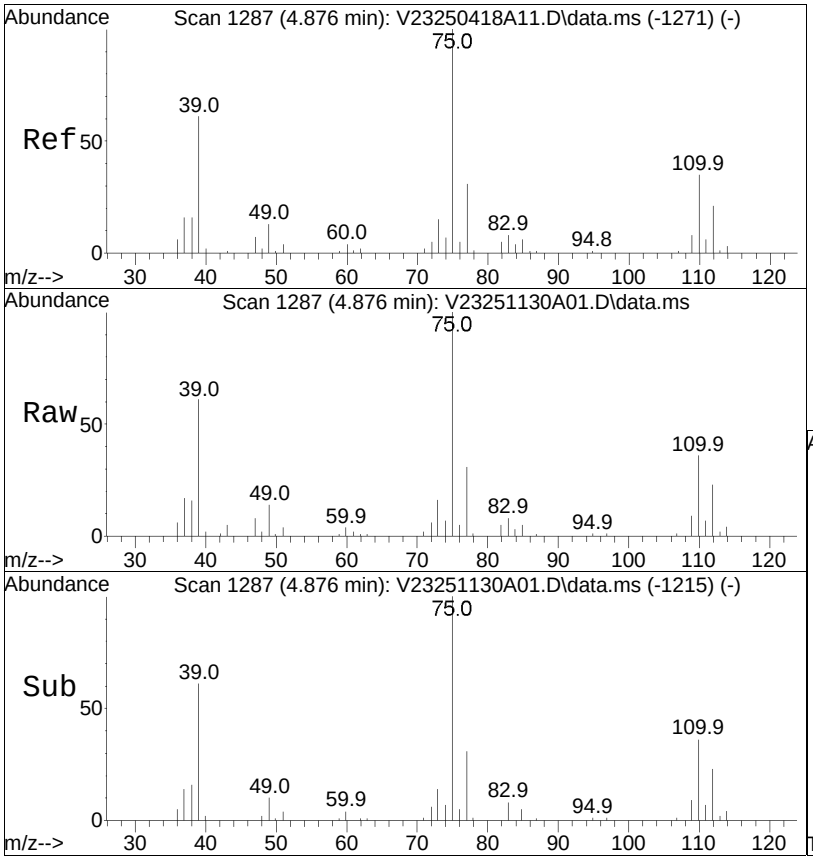


#39
2-Butanone
Concen: 40.17 ug/L
RT: 4.848 min Scan# 1277
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 43 Resp: 33141

Ion	Ratio	Lower	Upper
43	100		
72	20.9	30.4	45.6#

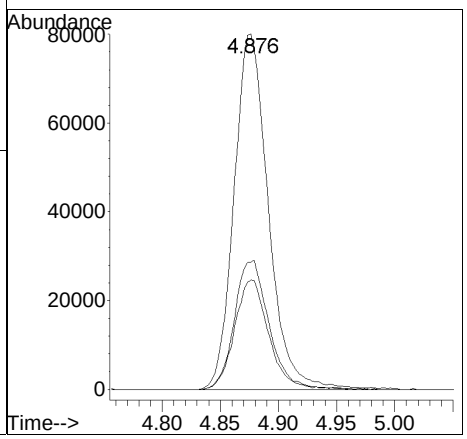


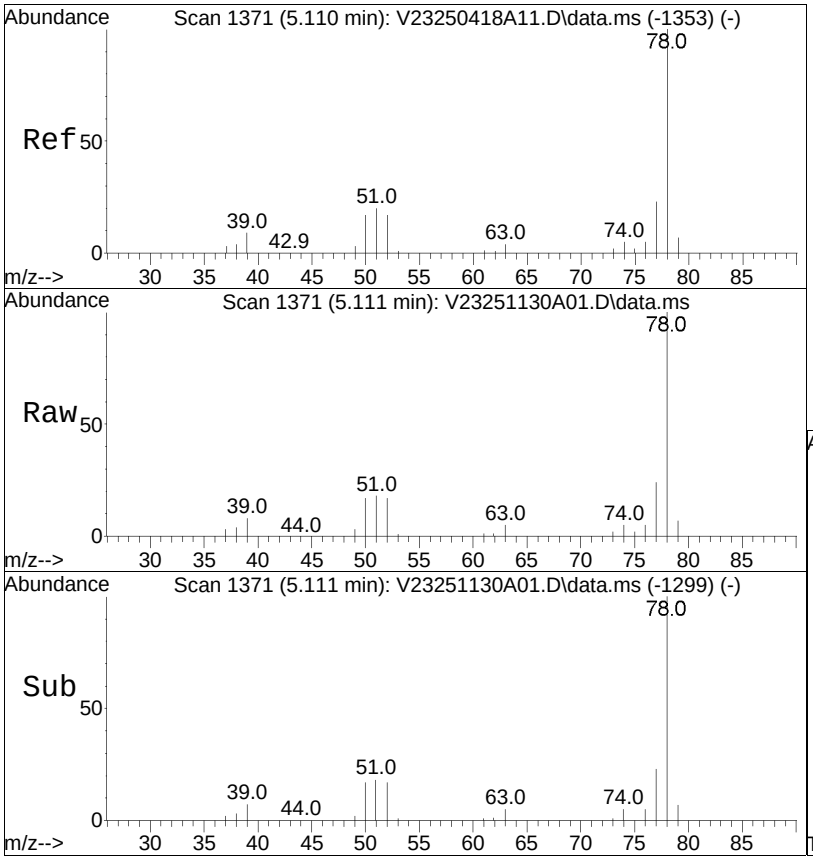


#40
1,1-Dichloropropene
Concen: 51.40 ug/L
RT: 4.876 min Scan# 1287
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 75 Resp: 164459

Ion	Ratio	Lower	Upper
75	100		
110	36.4	23.6	49.0
77	30.3	20.4	42.4

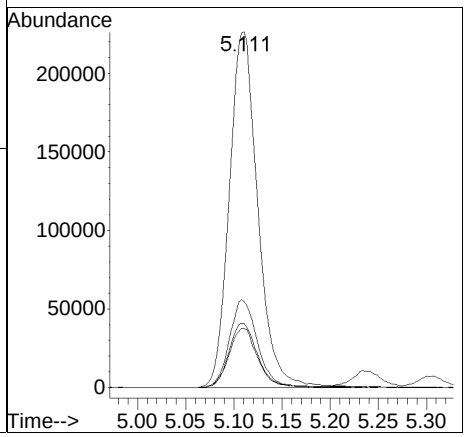


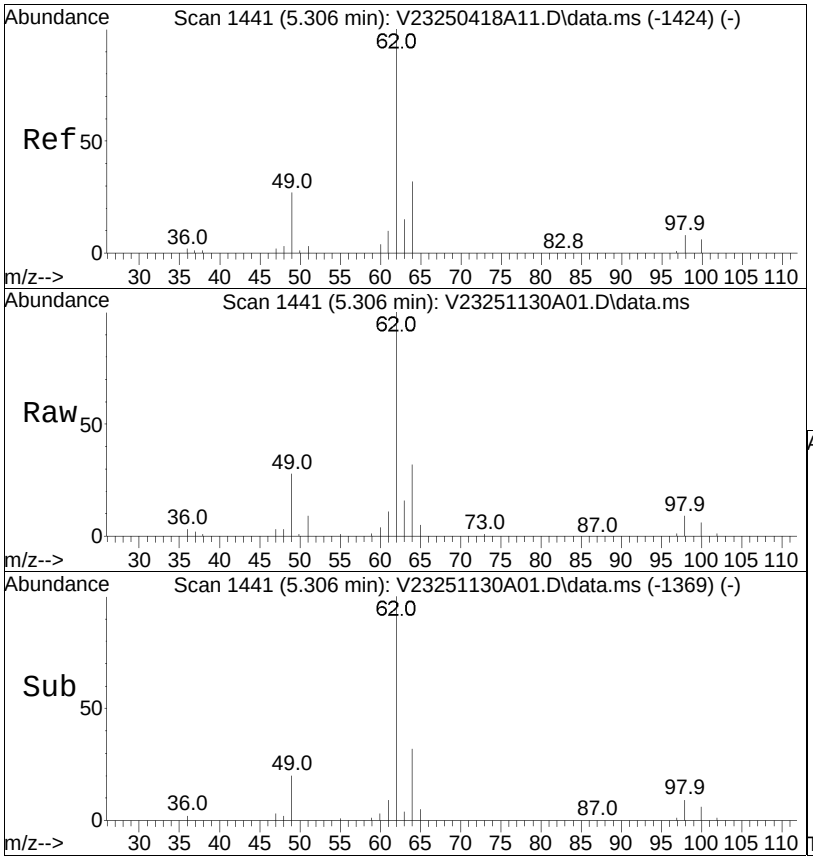


#41
Benzene
Concen: 46.00 ug/L
RT: 5.111 min Scan# 1371
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 78 Resp: 465902

Ion	Ratio	Lower	Upper
78	100		
77	24.2	15.7	32.5
51	18.1	9.9	20.5
52	16.6	9.5	19.7

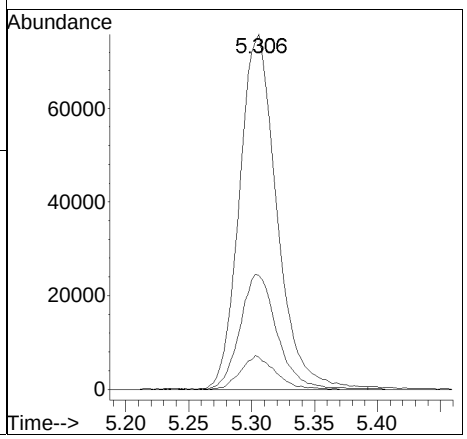


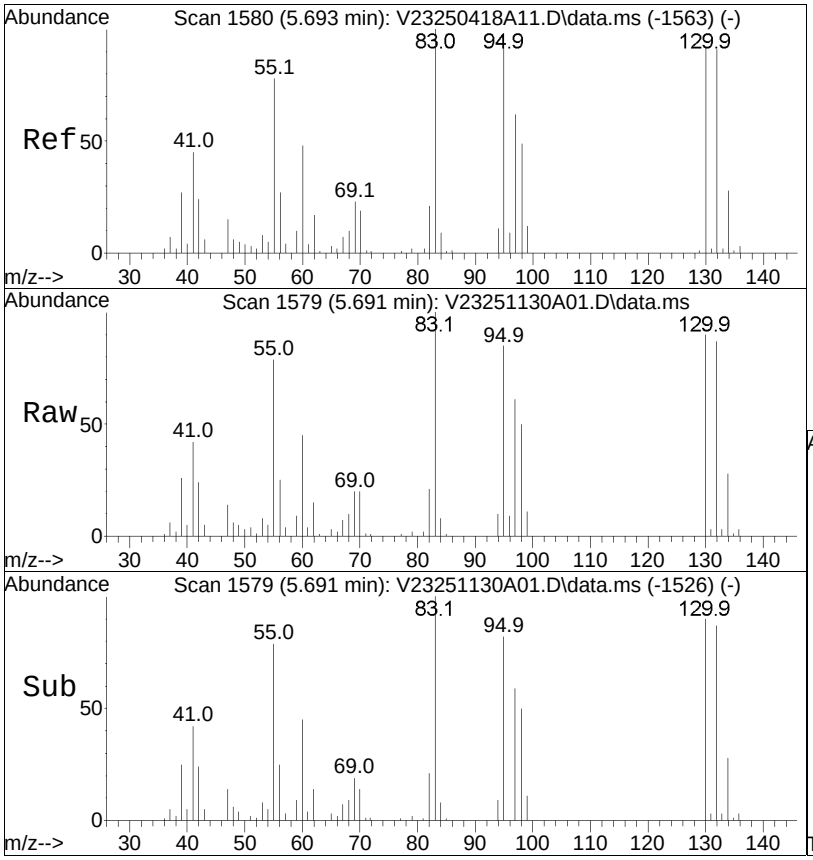


#44
1,2-Dichloroethane
Concen: 42.45 ug/L
RT: 5.306 min Scan# 1441
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 62 Resp: 156814

Ion	Ratio	Lower	Upper
62	100		
64	31.9	12.7	52.7
98	8.9	0.0	29.7

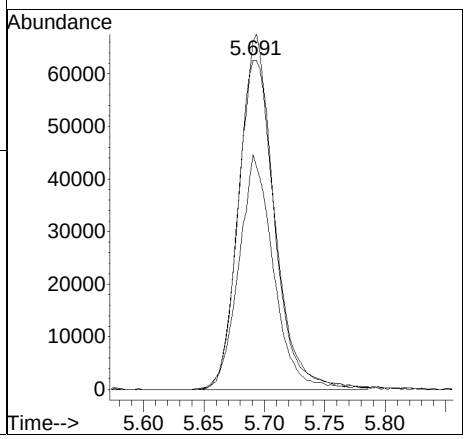


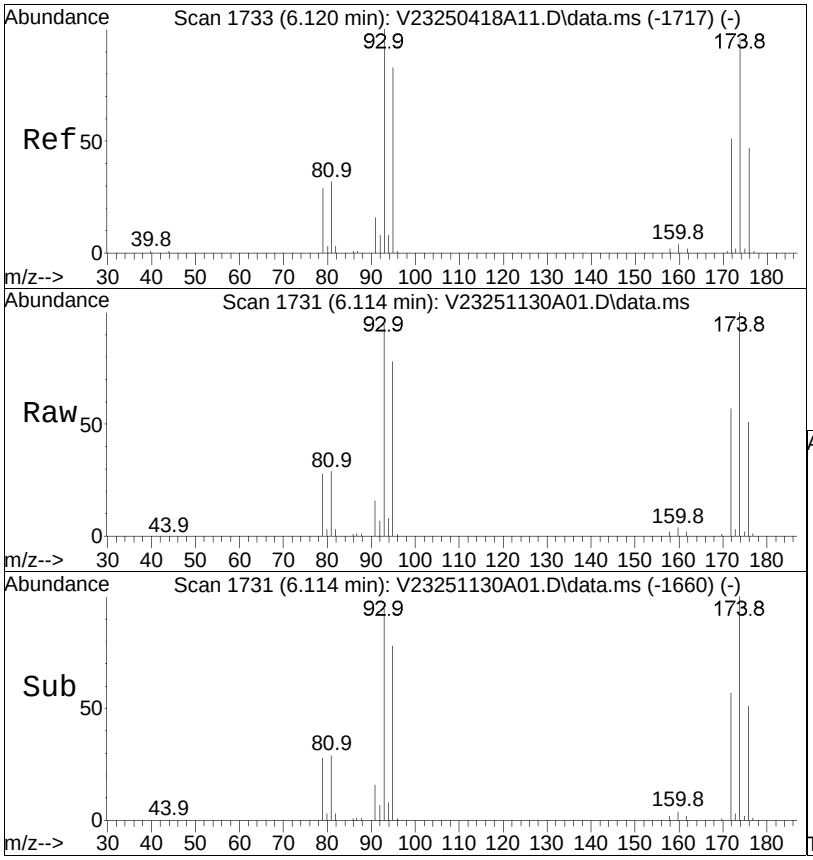


#48
Trichloroethene
Concen: 47.56 ug/L
RT: 5.691 min Scan# 1579
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 95 Resp: 132222

Ion	Ratio	Lower	Upper
95	100		
97	67.5	54.3	81.5
130	103.3	82.2	123.2

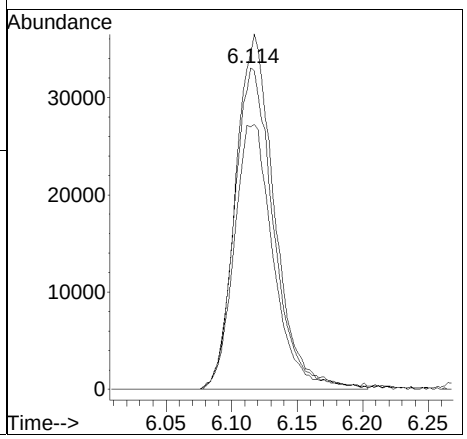


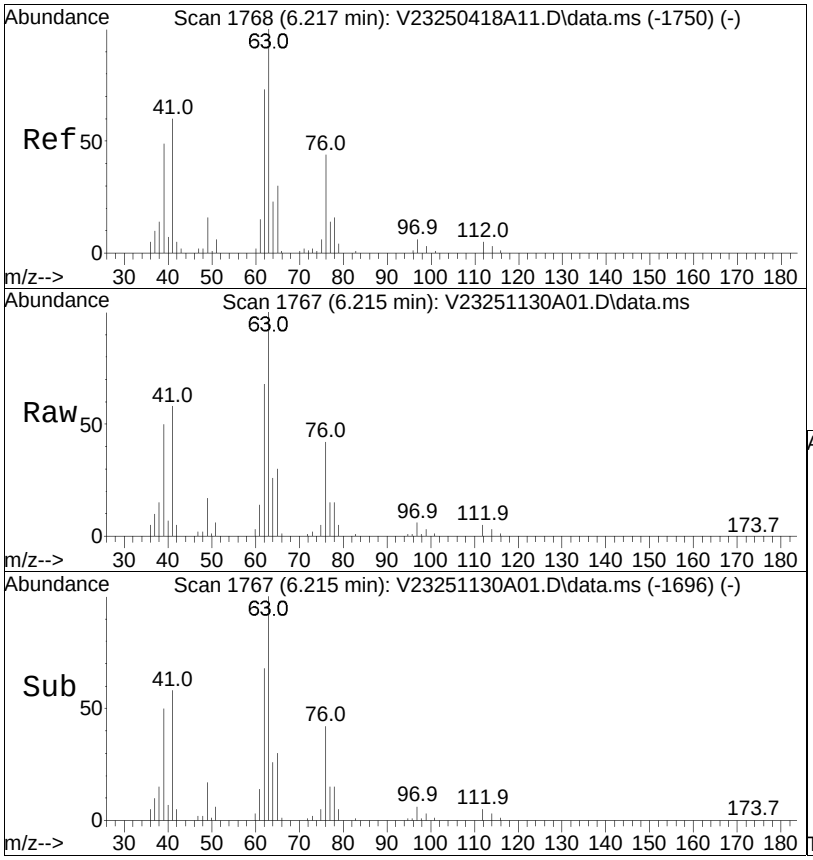


#50
Dibromomethane
Concen: 41.62 ug/L
RT: 6.114 min Scan# 1731
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 93 Resp: 68748

Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.1	99.1
174	109.3	84.2	126.2

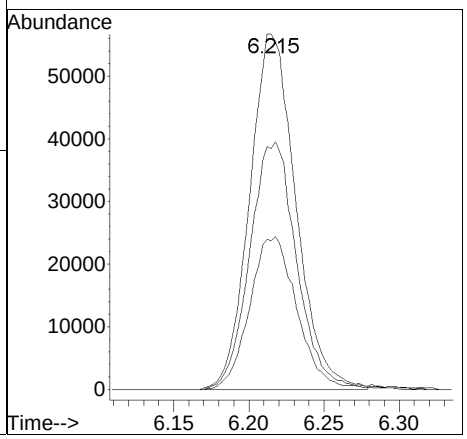


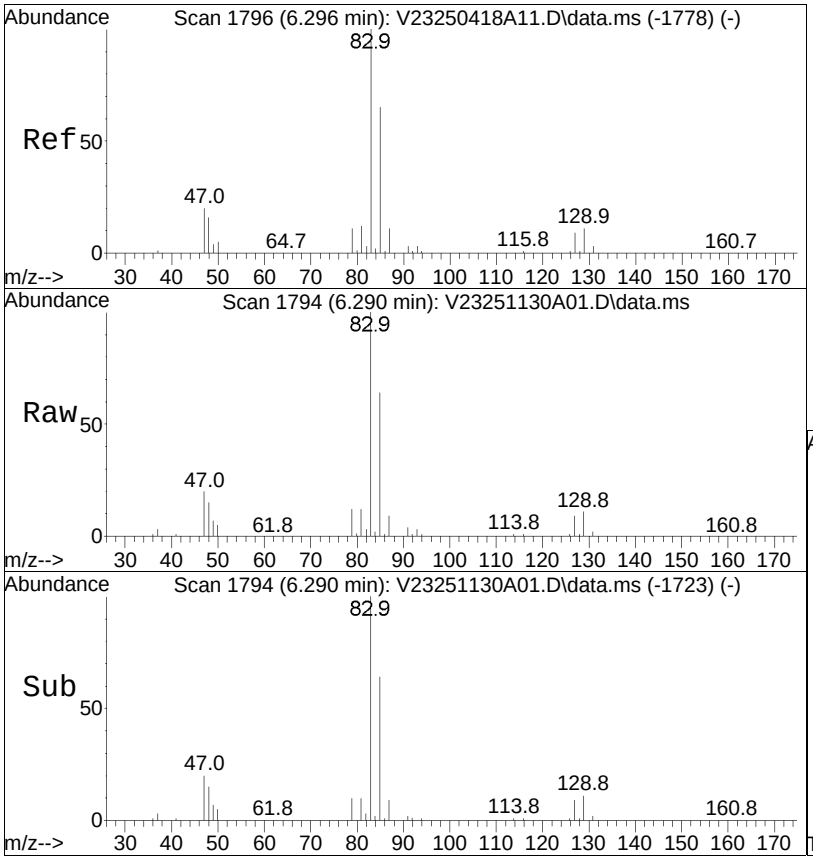


#51
1,2-Dichloropropane
Concen: 43.52 ug/L
RT: 6.215 min Scan# 1767
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 63 Resp: 121340

Ion	Ratio	Lower	Upper
63	100		
62	70.8	56.9	85.3
76	43.9	35.0	52.4

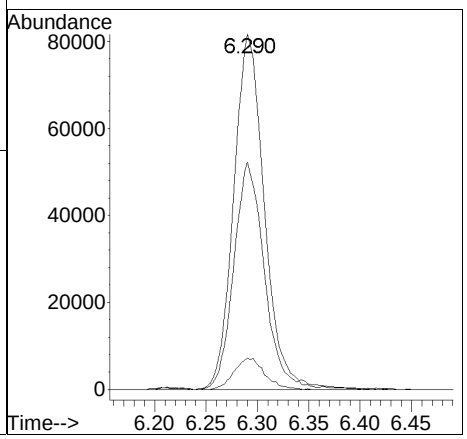


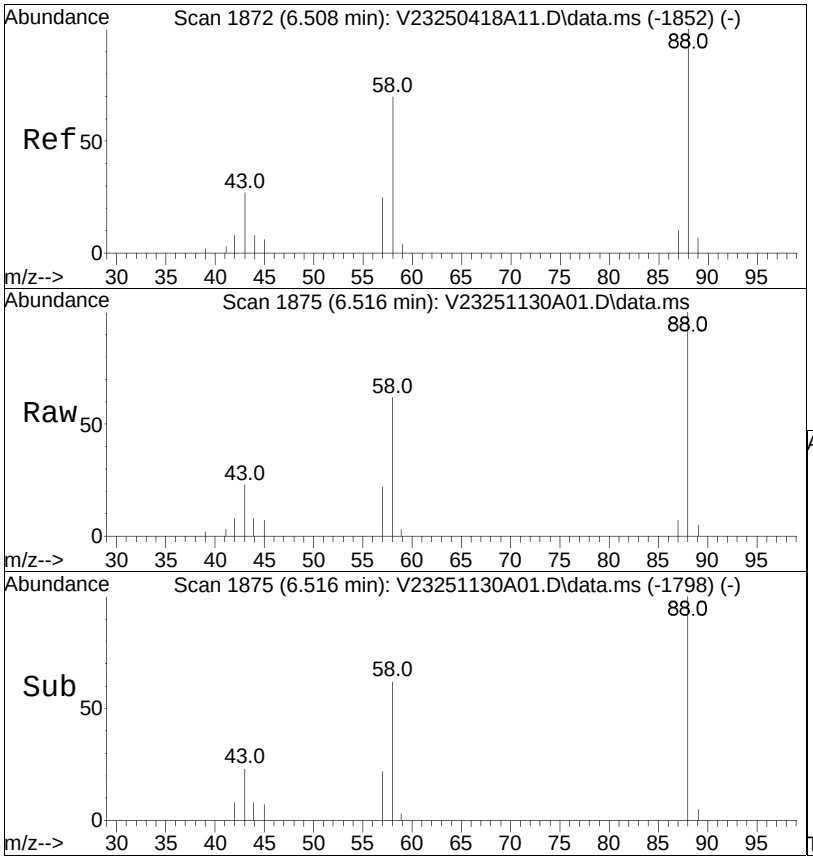


#54
Bromodichloromethane
Concen: 43.47 ug/L
RT: 6.290 min Scan# 1794
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 83 Resp: 170141

Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.3	76.9
127	8.7	6.5	9.7

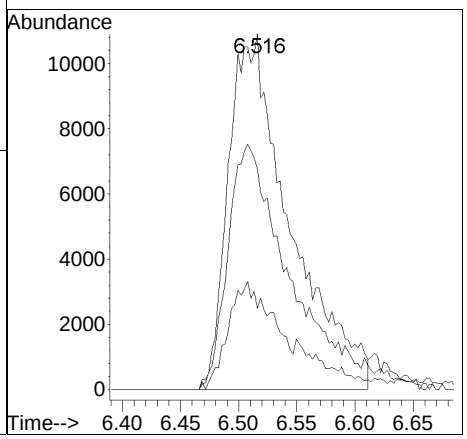


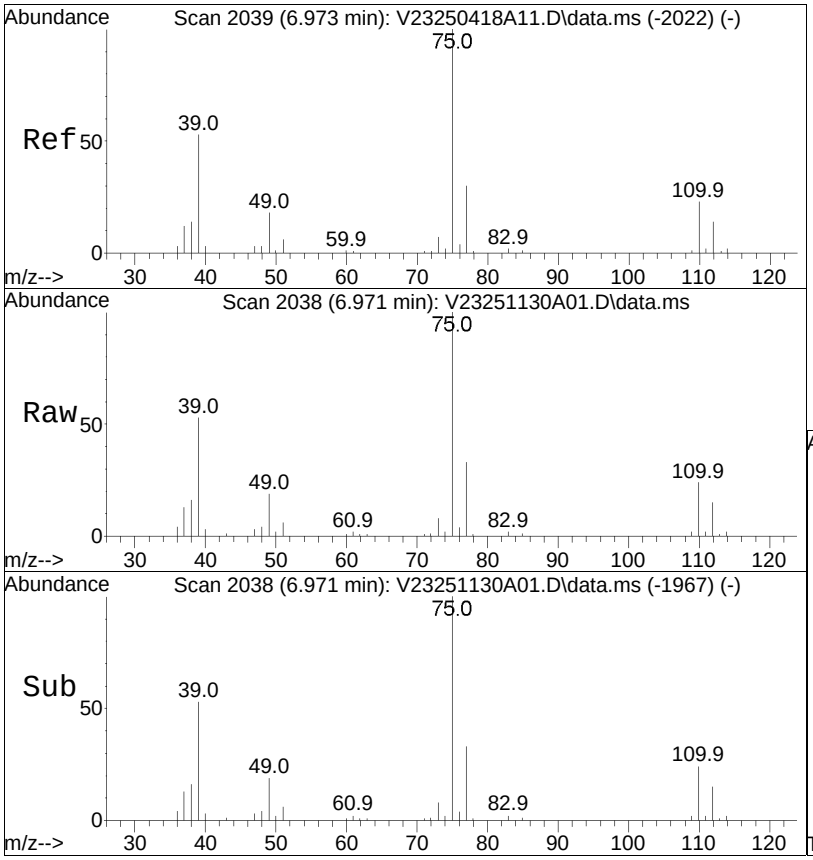


#57
1,4-Dioxane
Concen: 2491.07 ug/L
RT: 6.516 min Scan# 1875
Delta R.T. 0.014 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 88 Resp: 40273

Ion	Ratio	Lower	Upper
88	100		
58	67.5	50.2	75.2
43	22.4	19.1	28.7

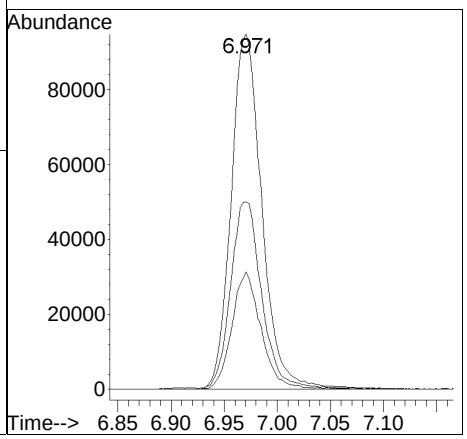


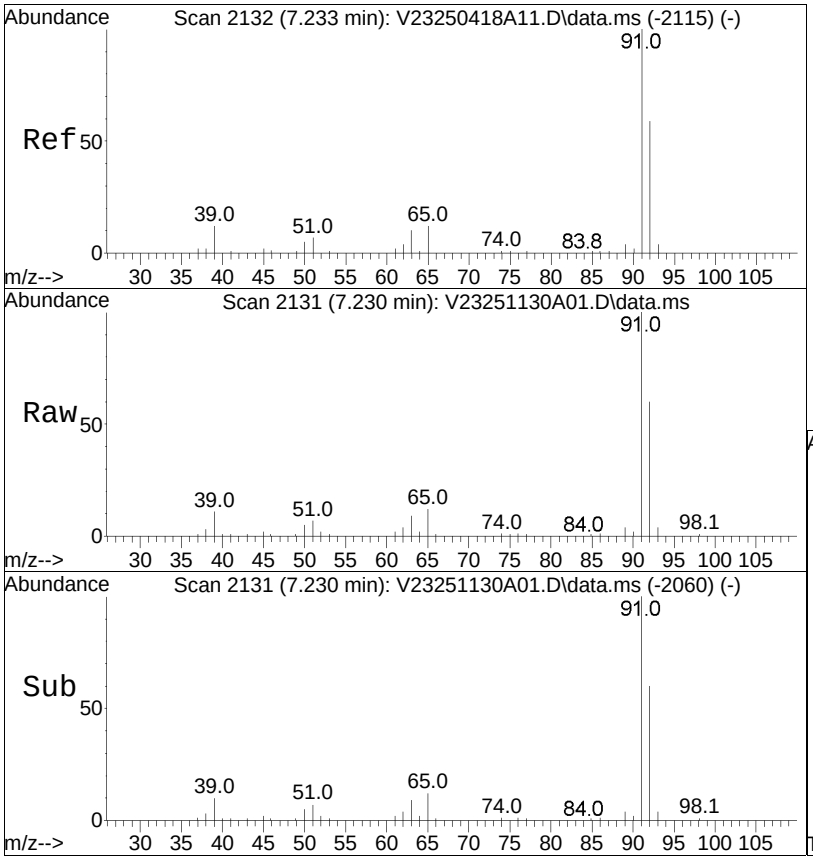


#58
cis-1,3-Dichloropropene
Concen: 44.44 ug/L
RT: 6.971 min Scan# 2038
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 75 Resp: 191390

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.9	38.9
39	52.2	34.5	51.7#

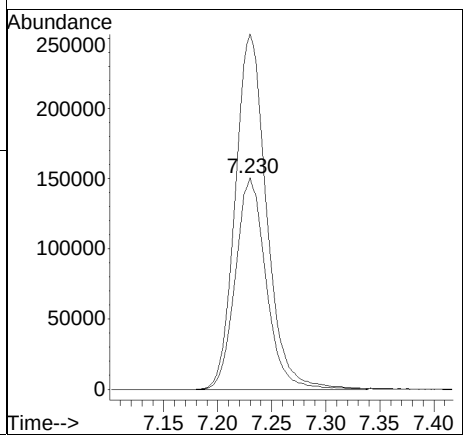


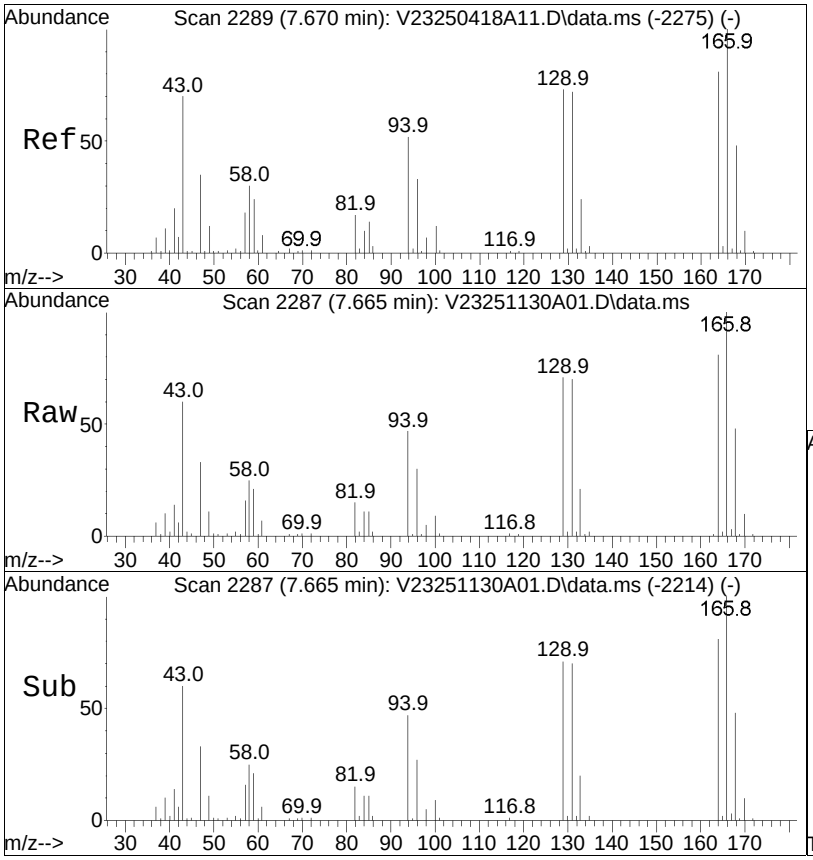


#61
Toluene
Concen: 44.33 ug/L
RT: 7.230 min Scan# 2131
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 92 Resp: 298175

Ion	Ratio	Lower	Upper
92	100		
91	171.2	136.4	204.6

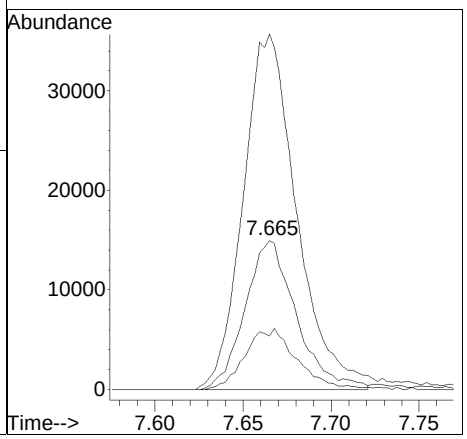


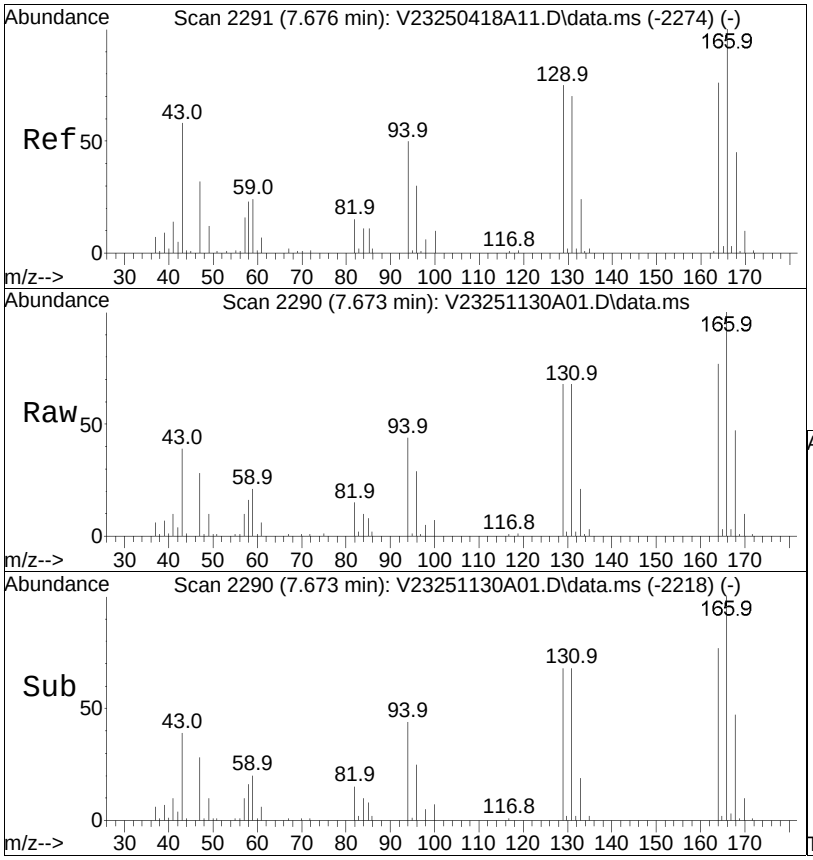


#62
4-Methyl-2-pentanone
Concen: 42.13 ug/L
RT: 7.665 min Scan# 2287
Delta R.T. 0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 58 Resp: 30172

Ion	Ratio	Lower	Upper
58	100		
100	20.6	33.1	49.7#
43	251.9	179.0	268.6

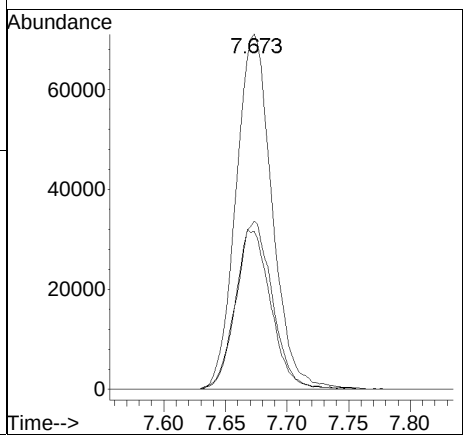


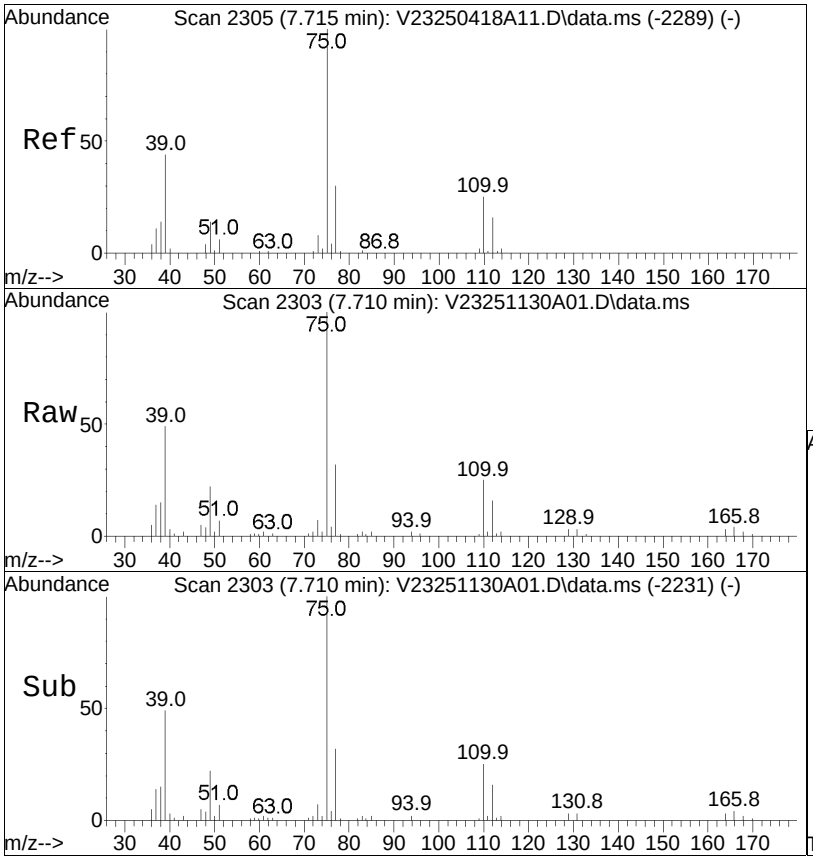


#63
Tetrachloroethene
Concen: 50.14 ug/L
RT: 7.673 min Scan# 2290
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:166 Resp: 145089

Ion	Ratio	Lower	Upper
166	100		
168	47.5	28.0	68.0
94	44.4	23.3	63.3

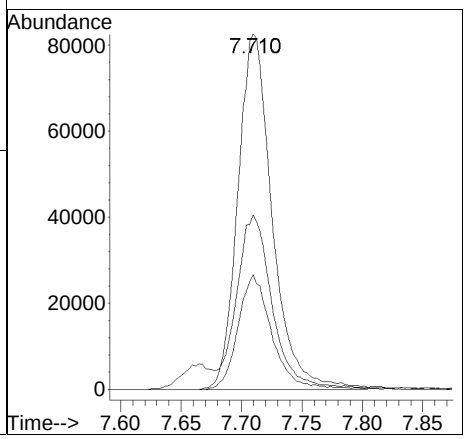


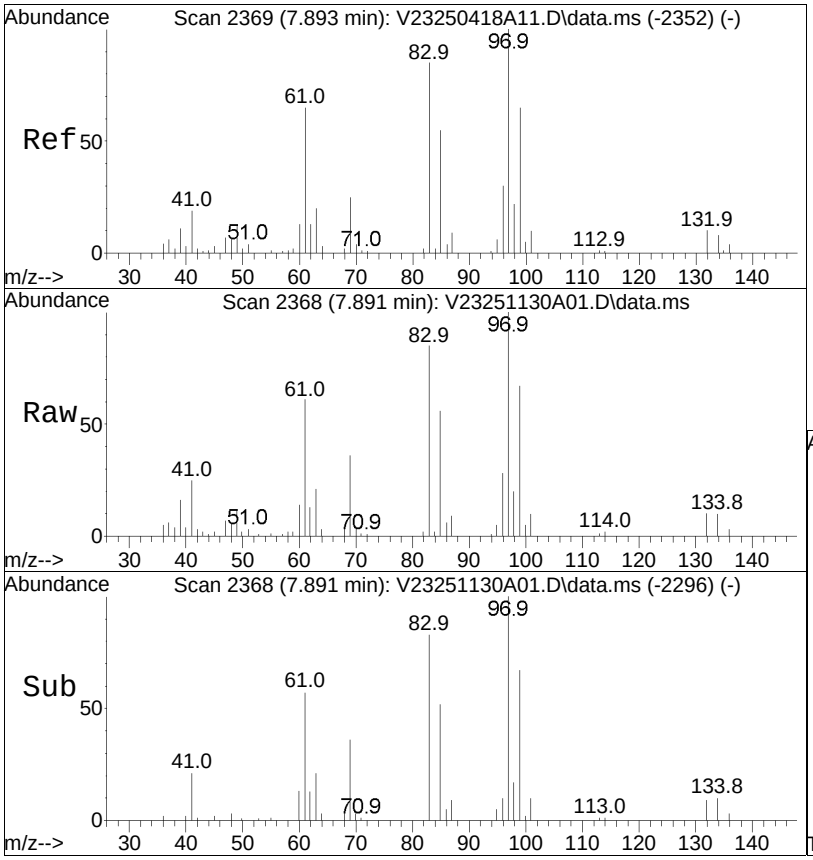


#65
trans-1,3-Dichloropropene
Concen: 43.24 ug/L
RT: 7.710 min Scan# 2303
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 75 Resp: 163849

Ion	Ratio	Lower	Upper
75	100		
77	31.5	12.7	52.7
39	48.8	29.5	69.5

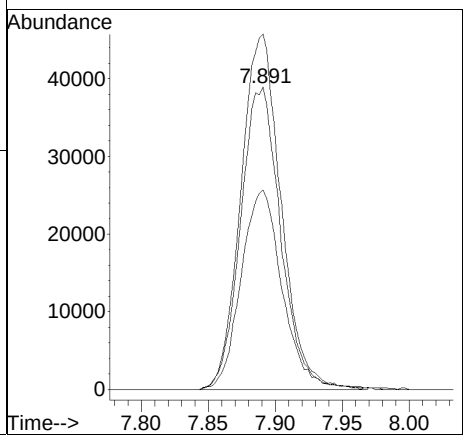


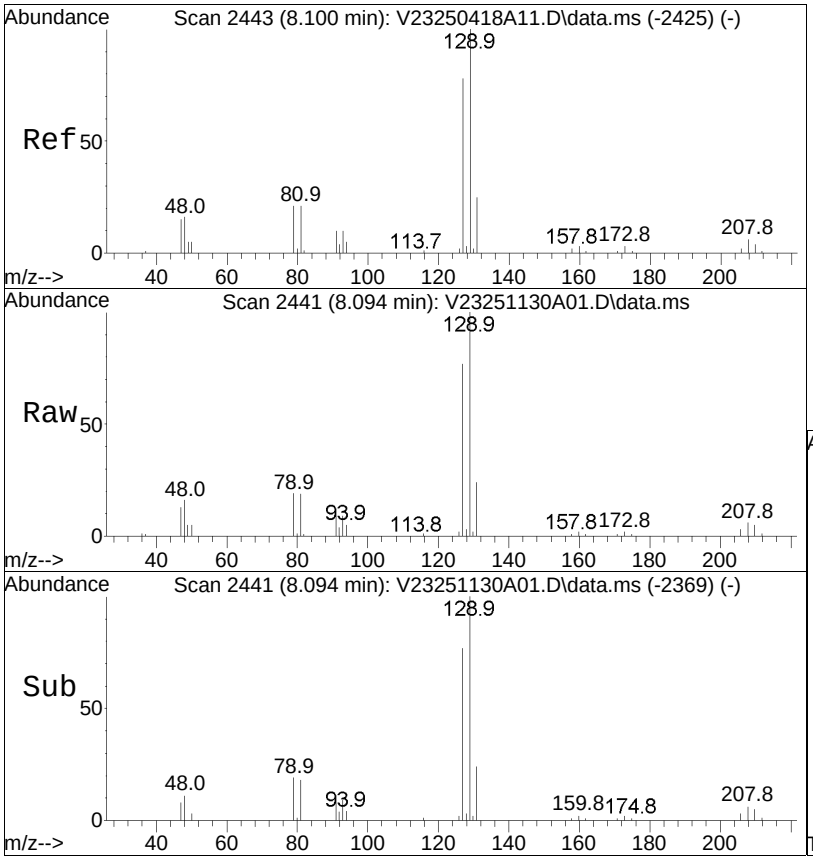


#68
1,1,2-Trichloroethane
Concen: 42.00 ug/L
RT: 7.891 min Scan# 2368
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 83 Resp: 81148

Ion	Ratio	Lower	Upper
83	100		
97	117.8	99.1	139.1
85	67.7	46.8	86.8

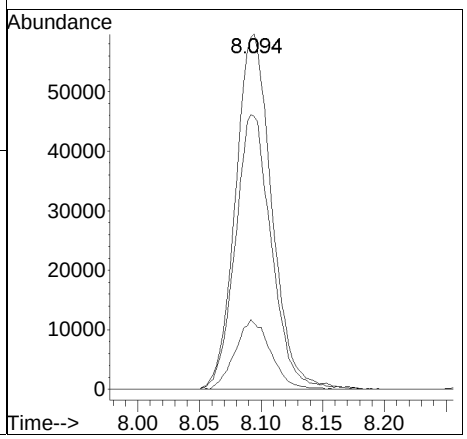


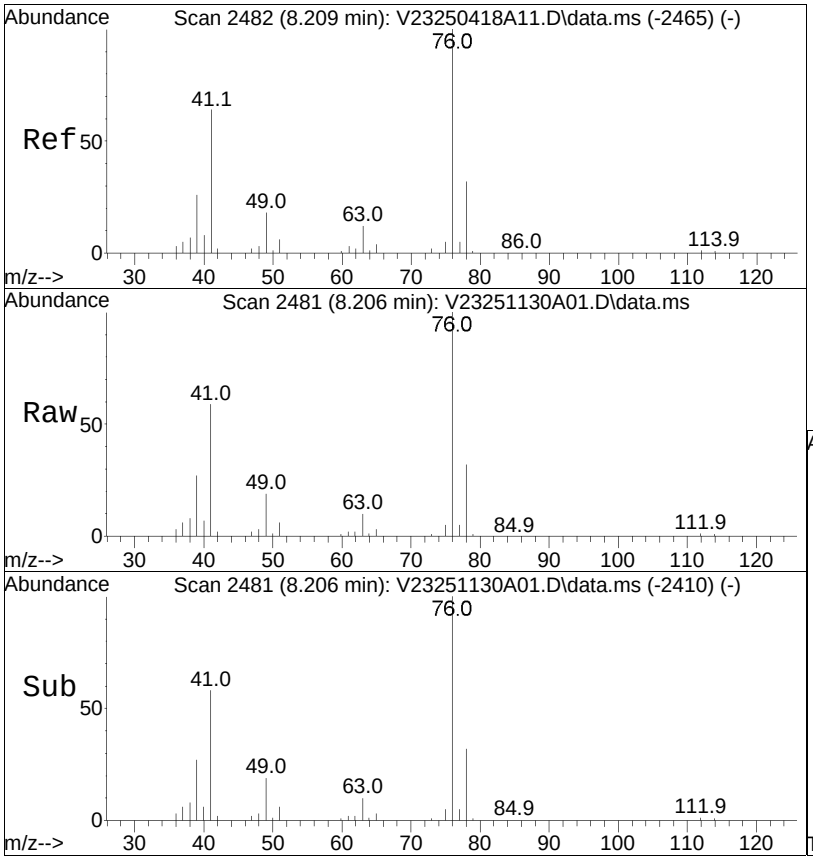


#69
Chlorodibromomethane
Concen: 44.12 ug/L
RT: 8.094 min Scan# 2441
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:129 Resp: 122462

Ion	Ratio	Lower	Upper
129	100		
81	19.3	0.0	35.1
127	76.9	57.6	97.6

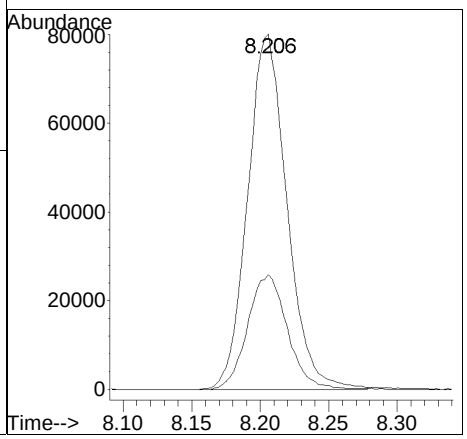


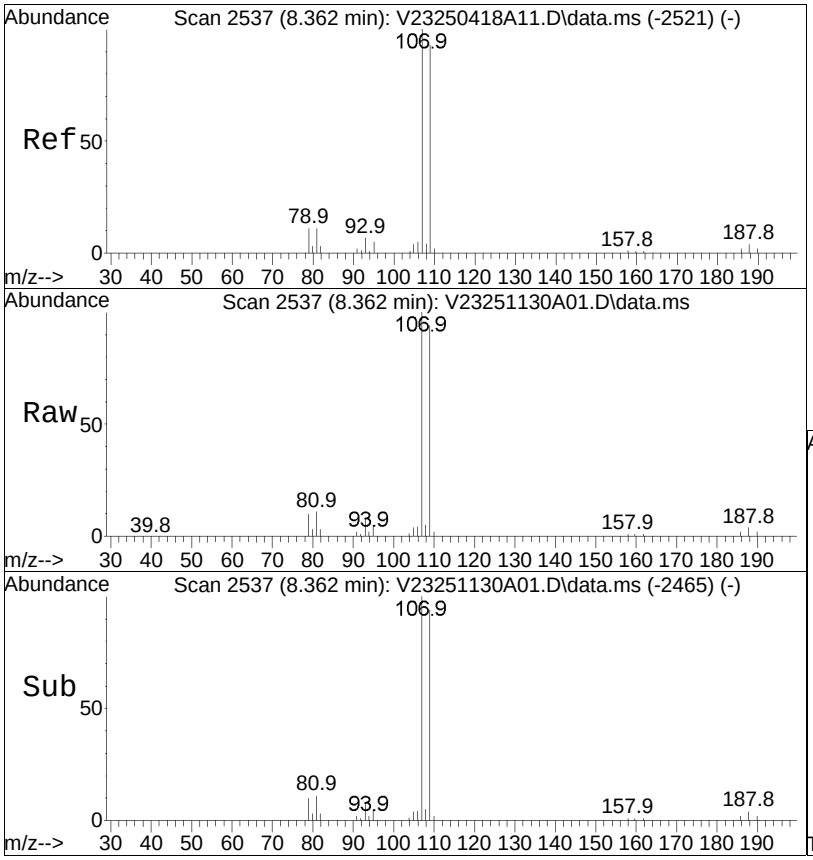


#70
1,3-Dichloropropane
Concen: 41.90 ug/L
RT: 8.206 min Scan# 2481
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 76 Resp: 159840

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.2

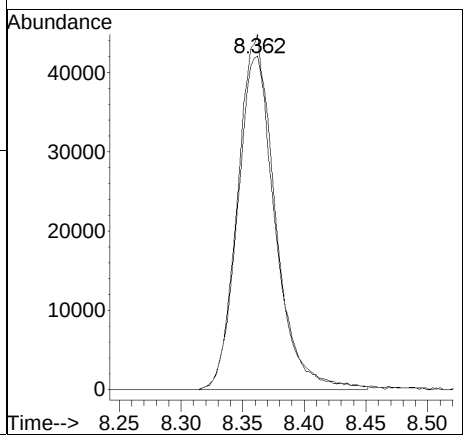


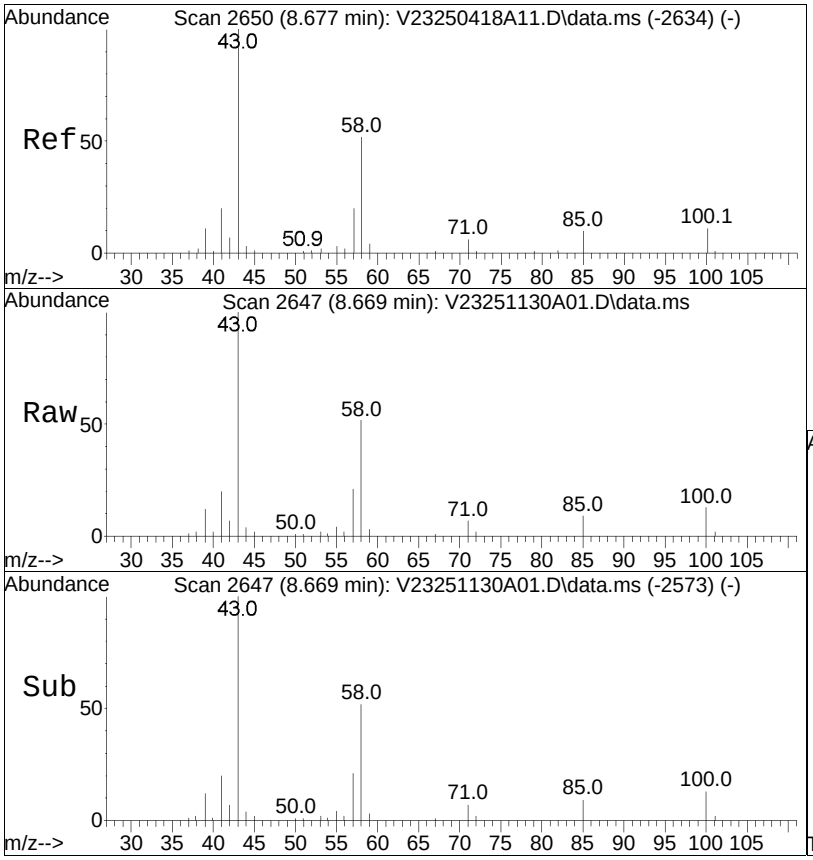


#71
1,2-Dibromoethane
Concen: 44.36 ug/L
RT: 8.362 min Scan# 2537
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:107 Resp: 95130

Ion	Ratio	Lower	Upper
107	100		
109	94.2	76.1	114.1

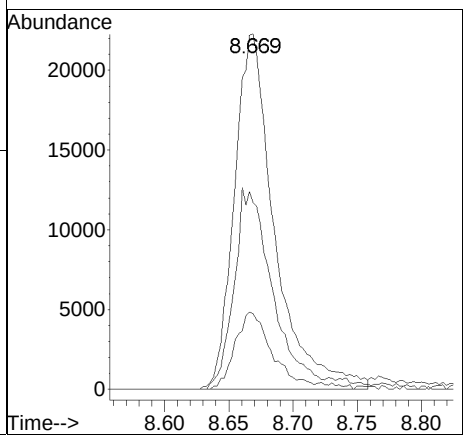


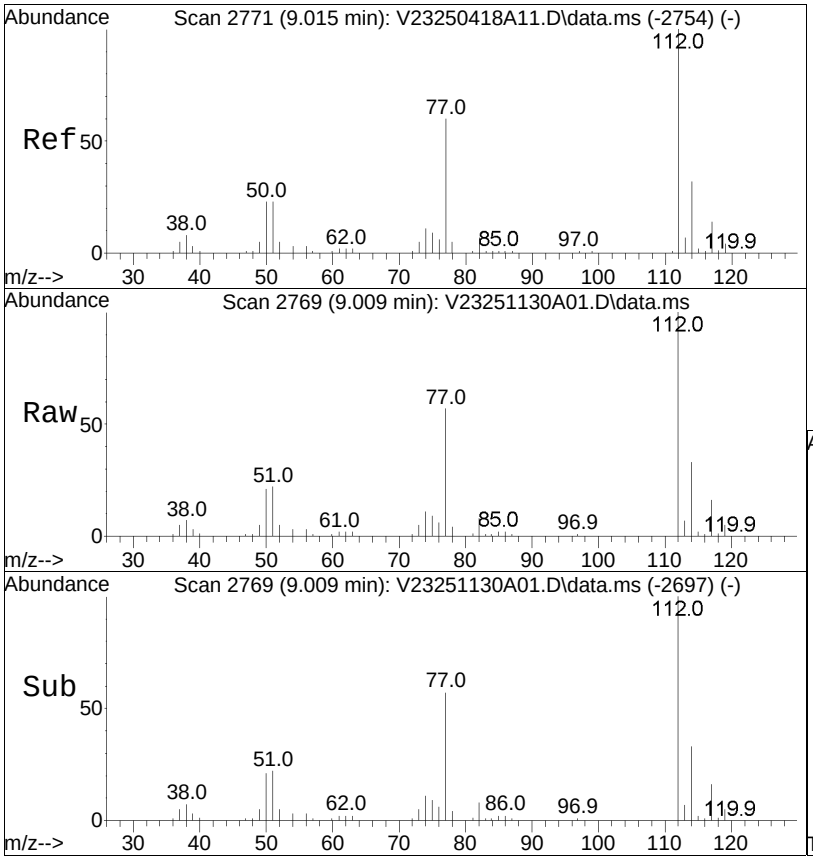


#72
2-Hexanone
Concen: 38.00 ug/L
RT: 8.669 min Scan# 2647
Delta R.T. 0.006 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 43 Resp: 48852

Ion	Ratio	Lower	Upper
43	100		
58	53.5	49.2	73.8
57	20.0	17.4	26.2

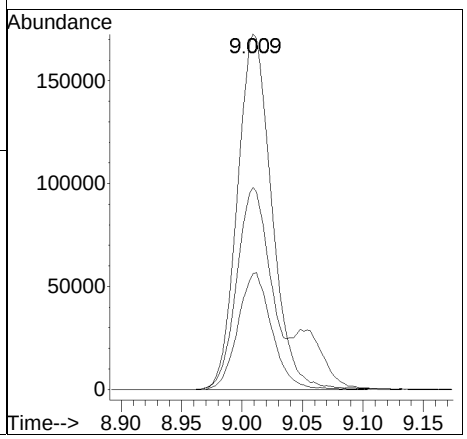


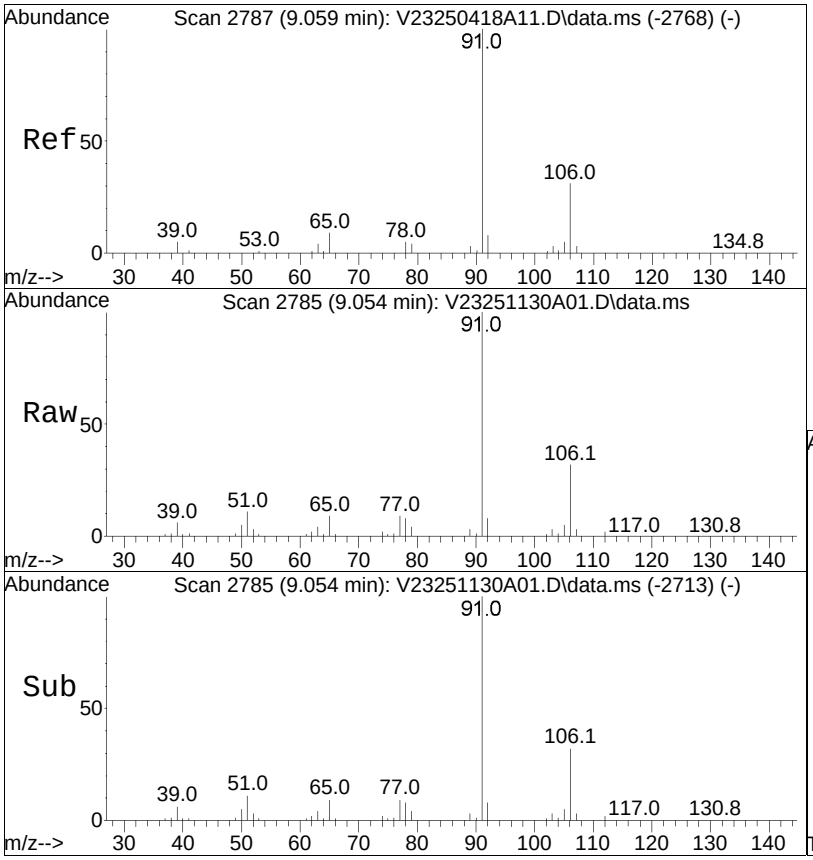


#73
Chlorobenzene
Concen: 44.37 ug/L
RT: 9.009 min Scan# 2769
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:112 Resp: 341068

Ion	Ratio	Lower	Upper
112	100		
77	56.0	58.5	87.7#
114	32.4	25.8	38.6

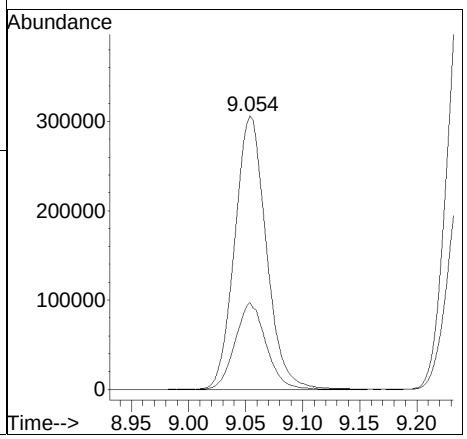


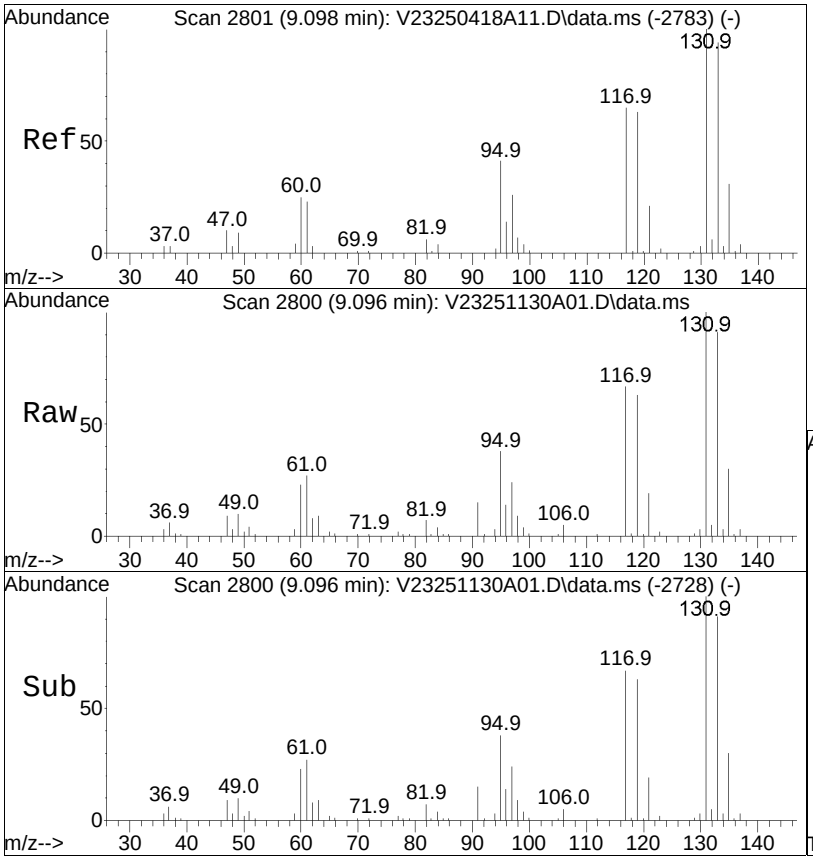


#74
Ethylbenzene
Concen: 44.23 ug/L
RT: 9.054 min Scan# 2785
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 91 Resp: 589038

Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.2	37.8

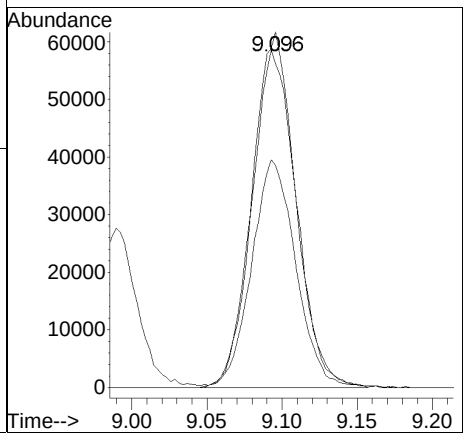


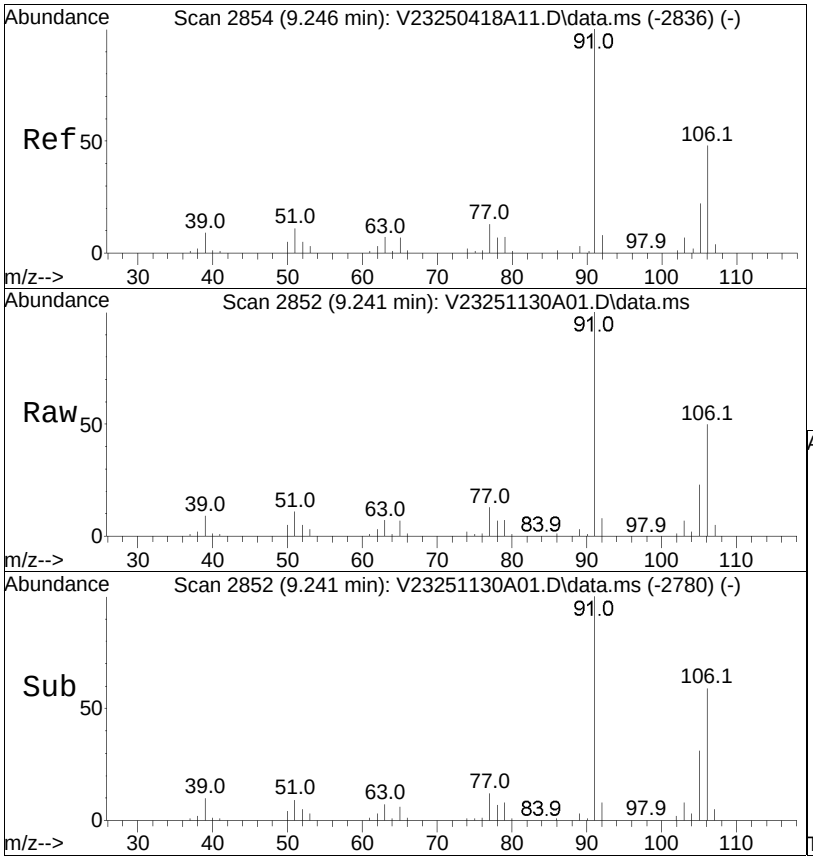


#75
1,1,1,2-Tetrachloroethane
Concen: 44.74 ug/L
RT: 9.096 min Scan# 2800
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:131 Resp: 125664

Ion	Ratio	Lower	Upper
131	100		
133	95.2	75.5	115.5
119	64.5	46.0	86.0

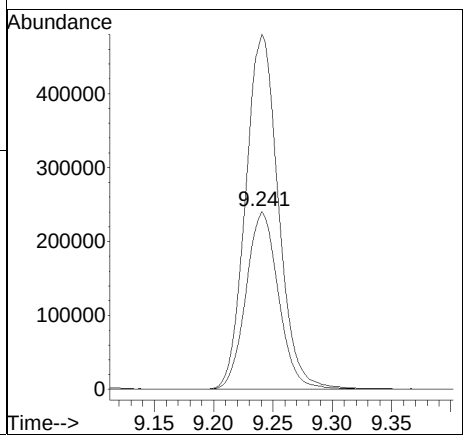


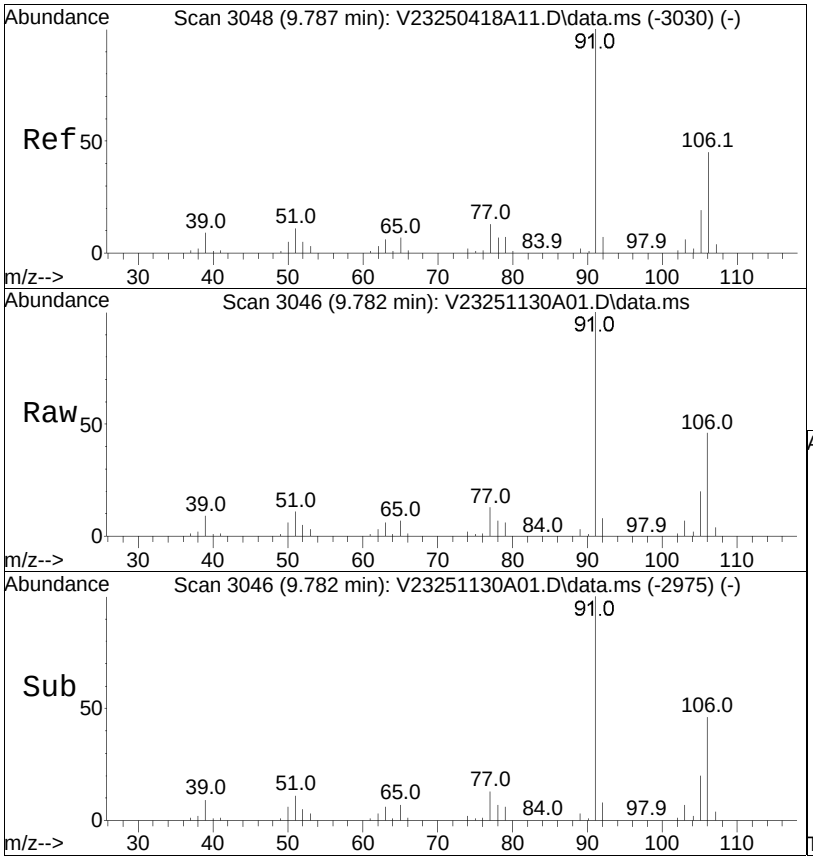


#76
p/m Xylene
Concen: 92.45 ug/L
RT: 9.241 min Scan# 2852
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:106 Resp: 460305

Ion	Ratio	Lower	Upper
106	100		
91	201.0	160.4	240.6

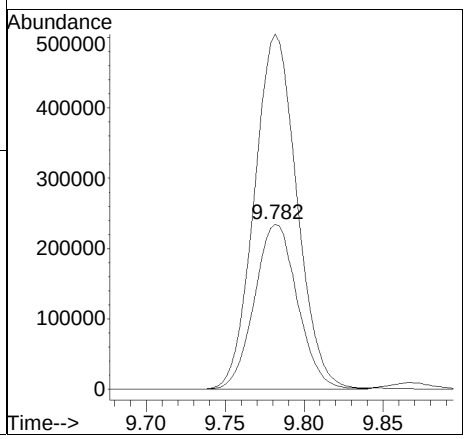


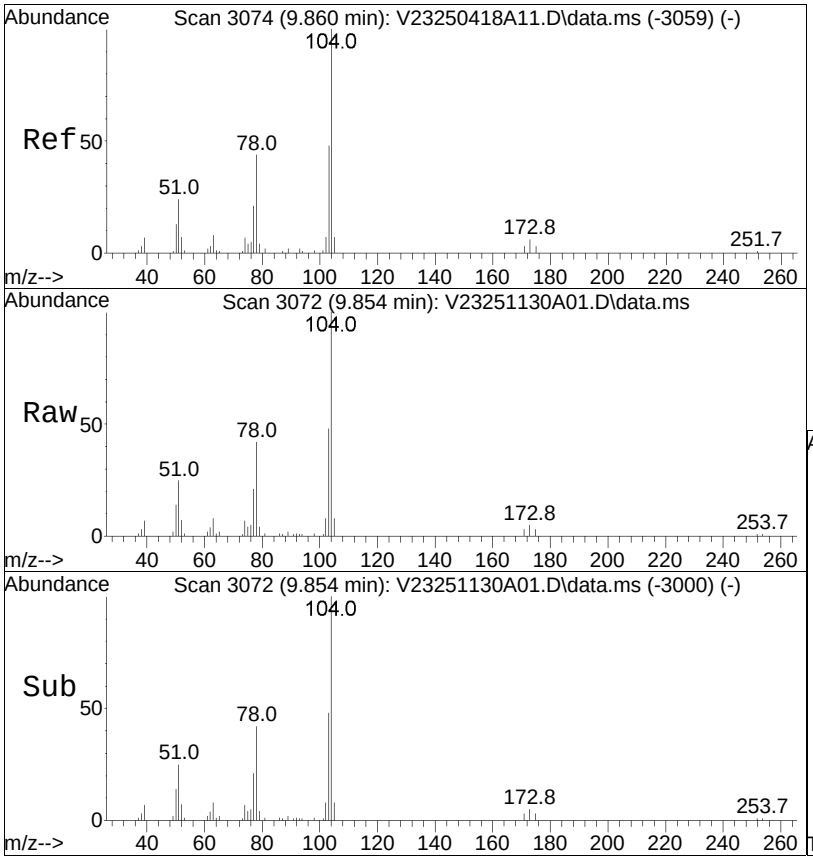


#77
o Xylene
Concen: 88.69 ug/L
RT: 9.782 min Scan# 3046
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:106 Resp: 445645

Ion	Ratio	Lower	Upper
106	100		
91	212.8	169.6	254.4

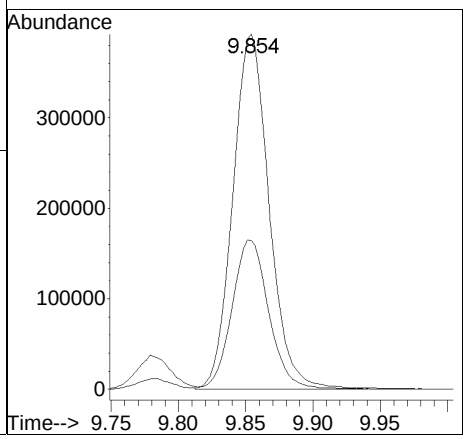


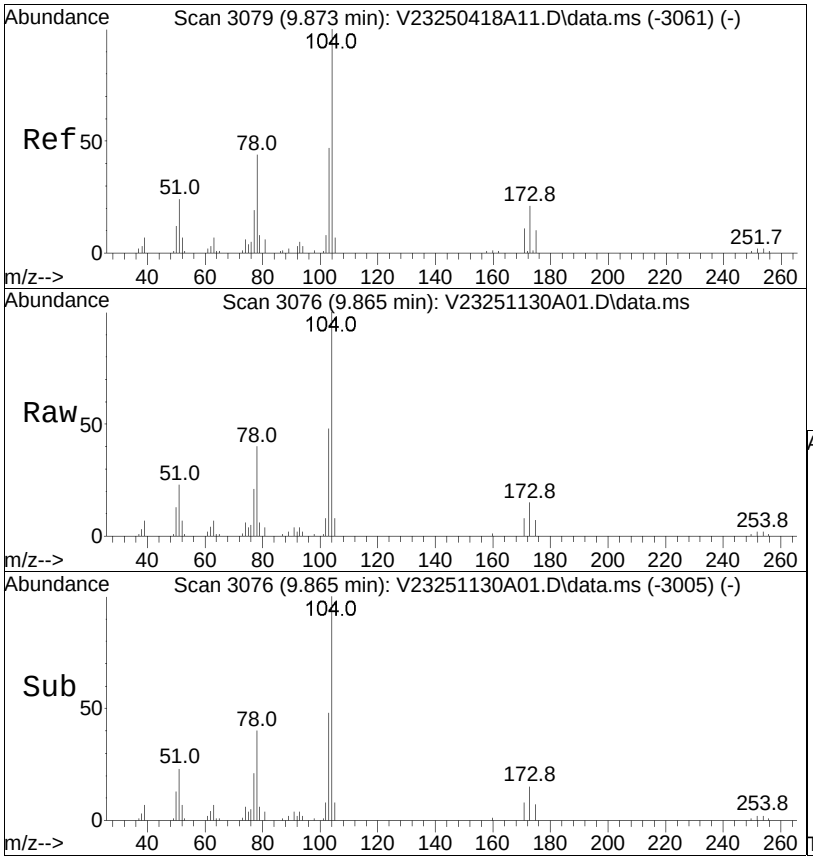


#78
Styrene
Concen: 87.18 ug/L M1
RT: 9.854 min Scan# 3072
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:104 Resp: 738105

Ion	Ratio	Lower	Upper
104	100		
78	42.2	33.8	50.6

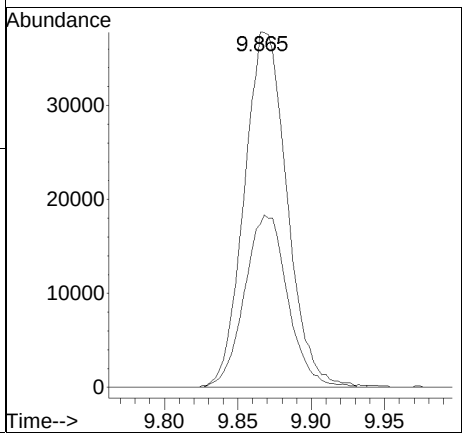


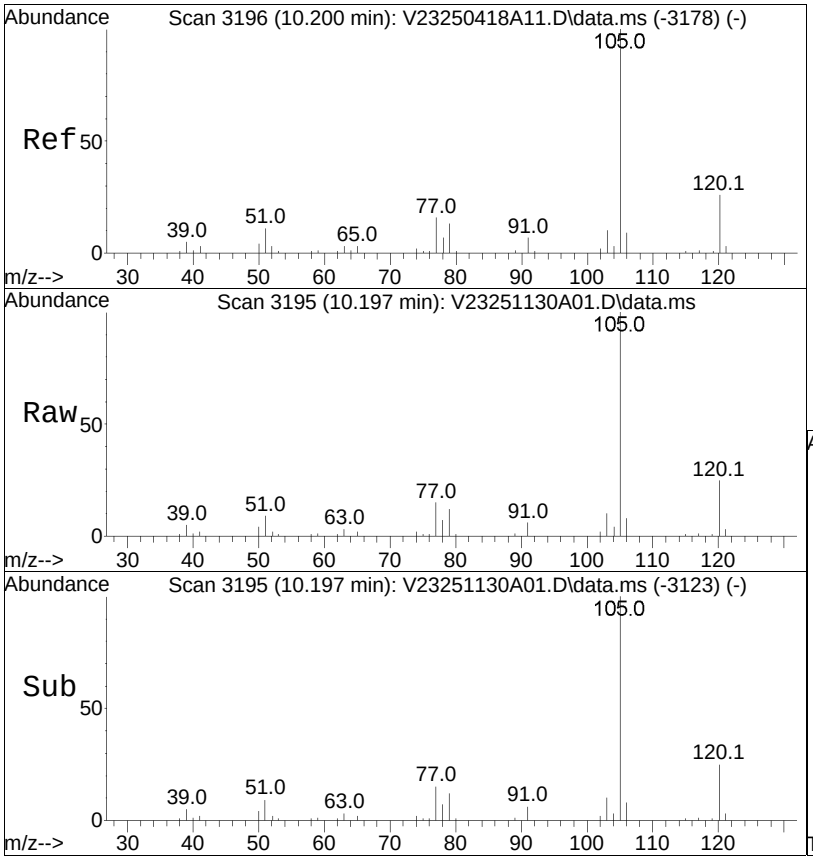


#80
Bromoform
Concen: 40.07 ug/L
RT: 9.865 min Scan# 3076
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:173 Resp: 76964

Ion	Ratio	Lower	Upper
173	100		
175	48.8	28.7	68.7

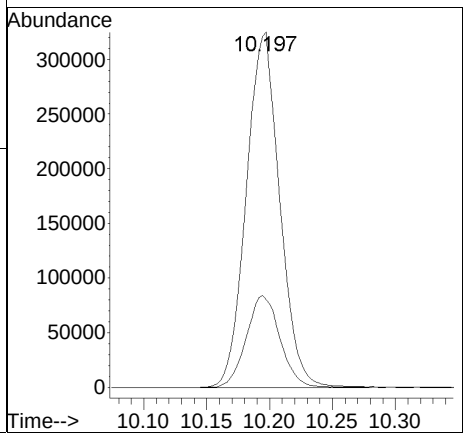


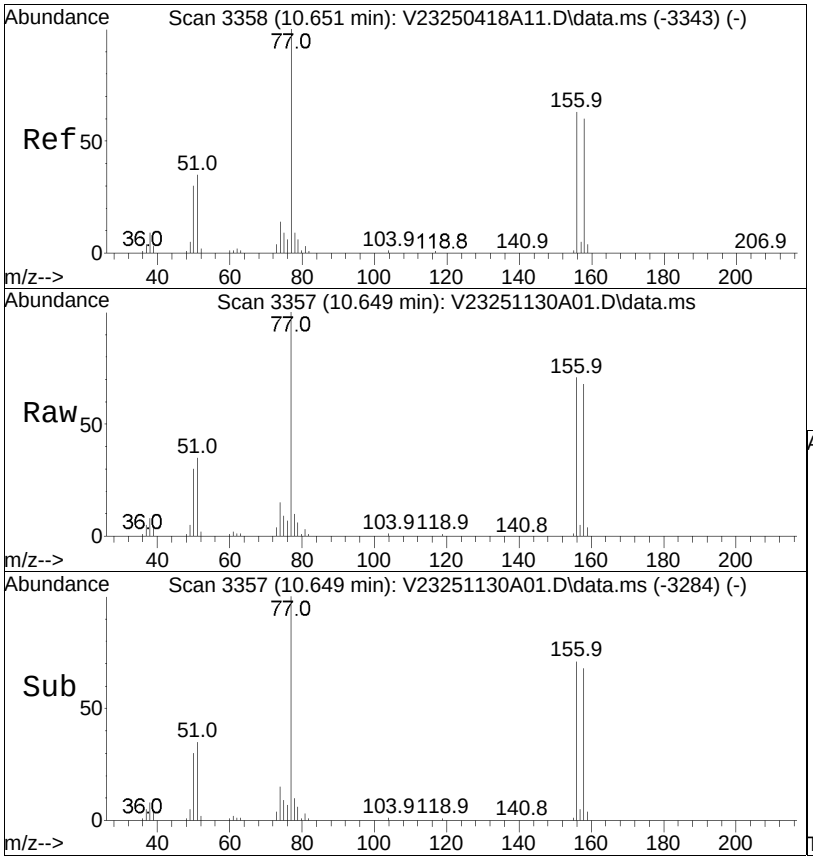


#82
Isopropylbenzene
Concen: 45.21 ug/L
RT: 10.197 min Scan# 3195
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:105 Resp: 599582

Ion	Ratio	Lower	Upper
105	100		
120	26.1	6.6	46.6

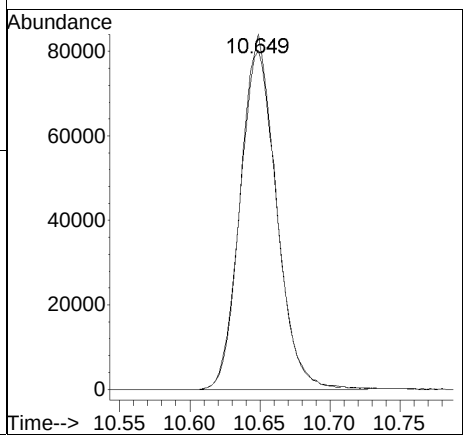


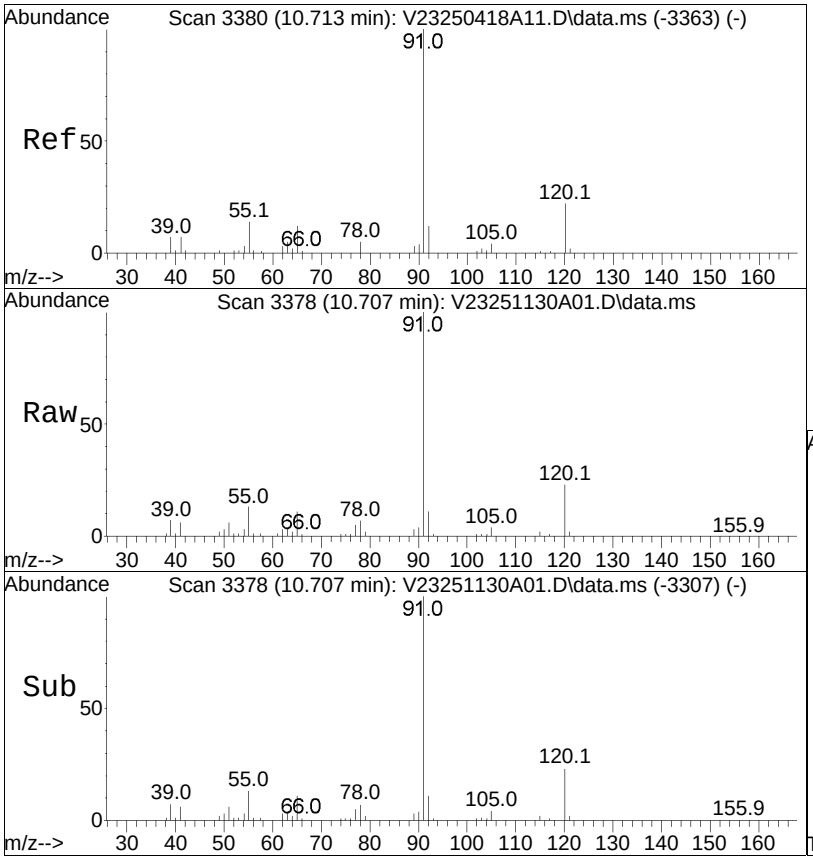


#84
Bromobenzene
Concen: 41.78 ug/L
RT: 10.649 min Scan# 3357
Delta R.T. 0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:156 Resp: 149390

Ion	Ratio	Lower	Upper
156	100		
158	97.9	77.7	116.5

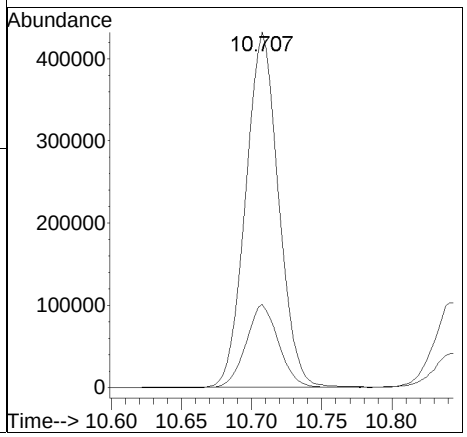


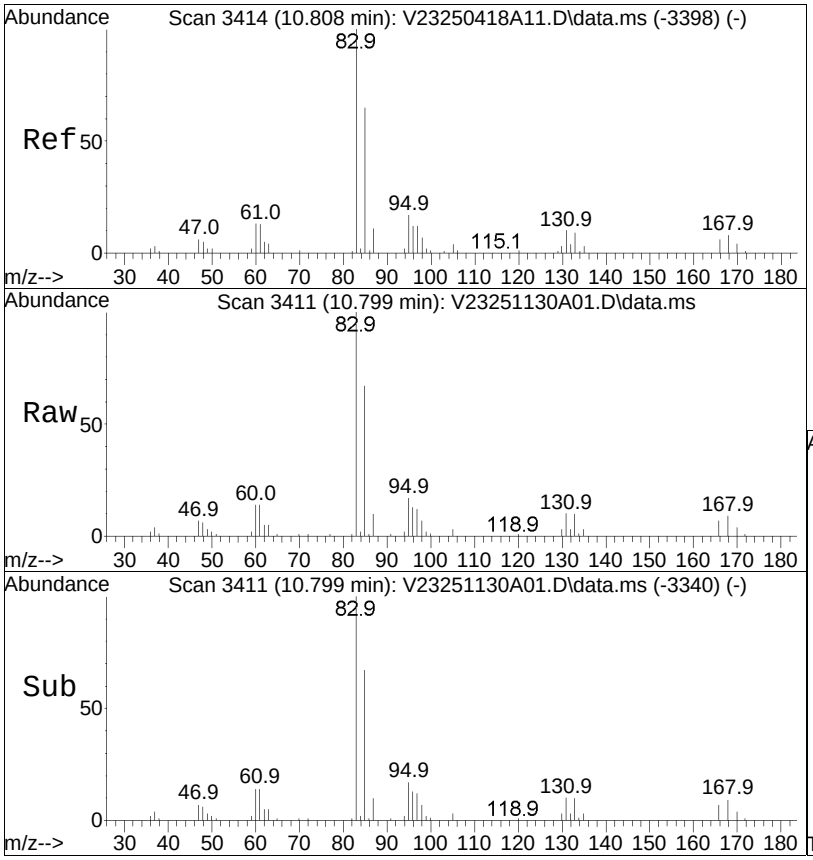


#85
n-Propylbenzene
Concen: 44.61 ug/L
RT: 10.707 min Scan# 3378
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 91 Resp: 704398

Ion	Ratio	Lower	Upper
91	100		
120	23.1	18.2	27.2

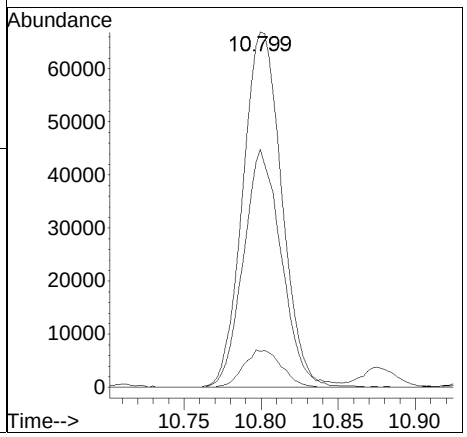


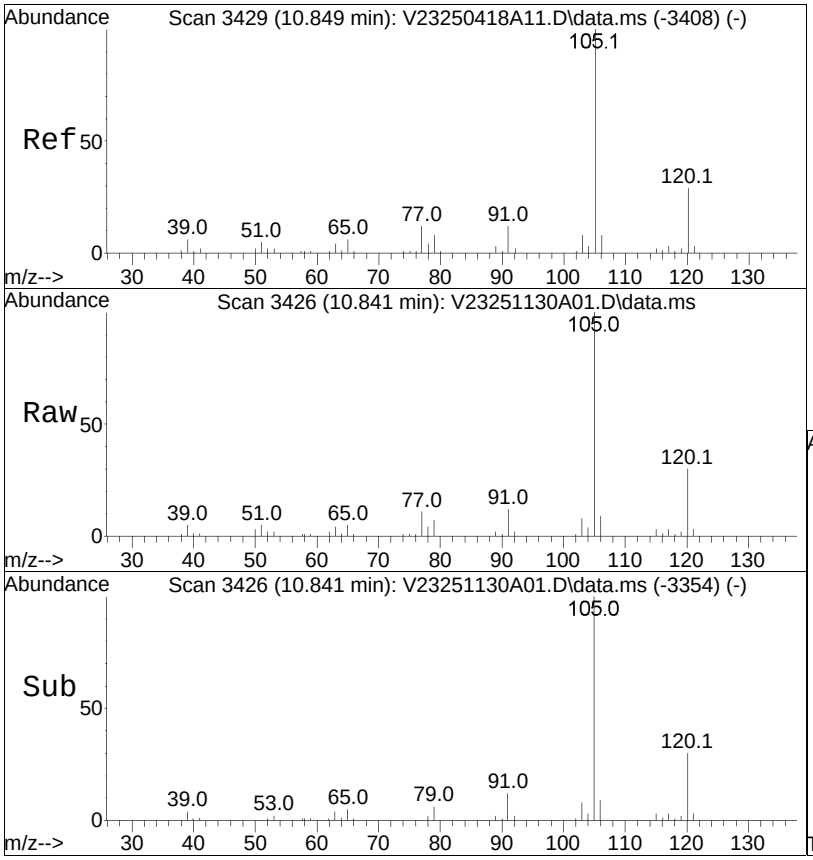


#87
1,1,2,2-Tetrachloroethane
Concen: 40.44 ug/L
RT: 10.799 min Scan# 3411
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 83 Resp: 118041

Ion	Ratio	Lower	Upper
83	100		
131	10.3	0.0	30.1
85	65.6	45.1	85.1

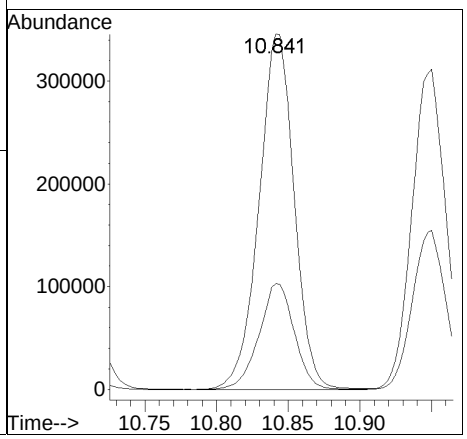


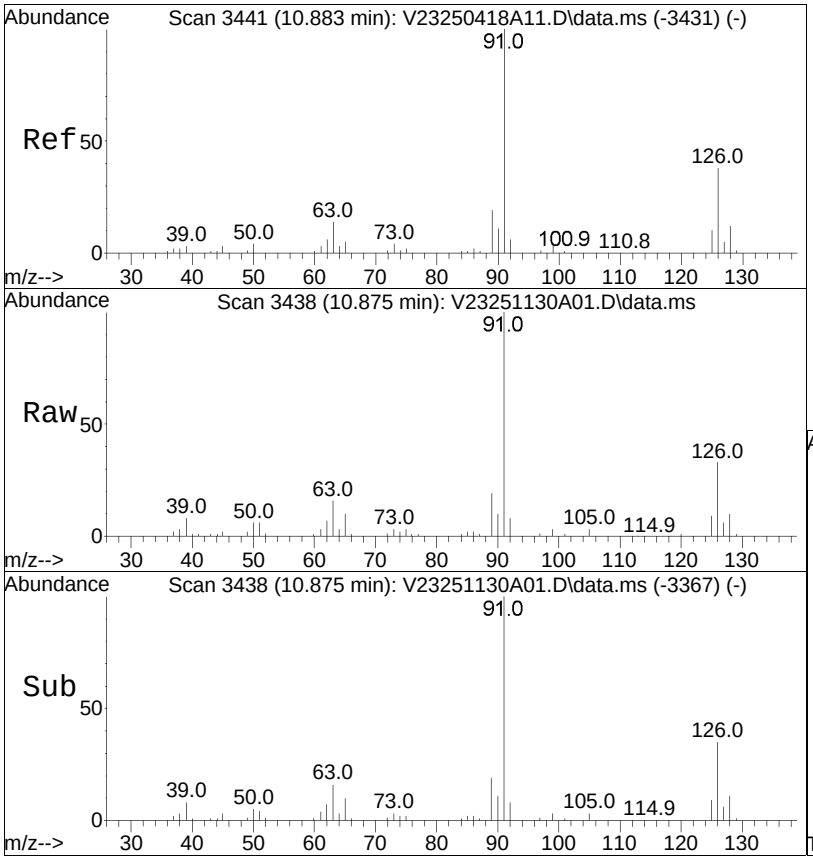


#88
4-Ethyltoluene
Concen: 44.91 ug/L
RT: 10.841 min Scan# 3426
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:105 Resp: 590021

Ion	Ratio	Lower	Upper
105	100		
120	29.8	19.4	40.4

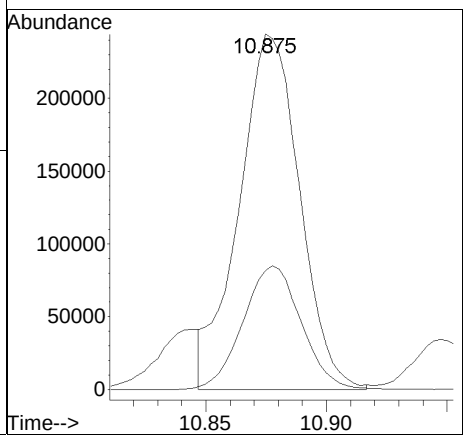


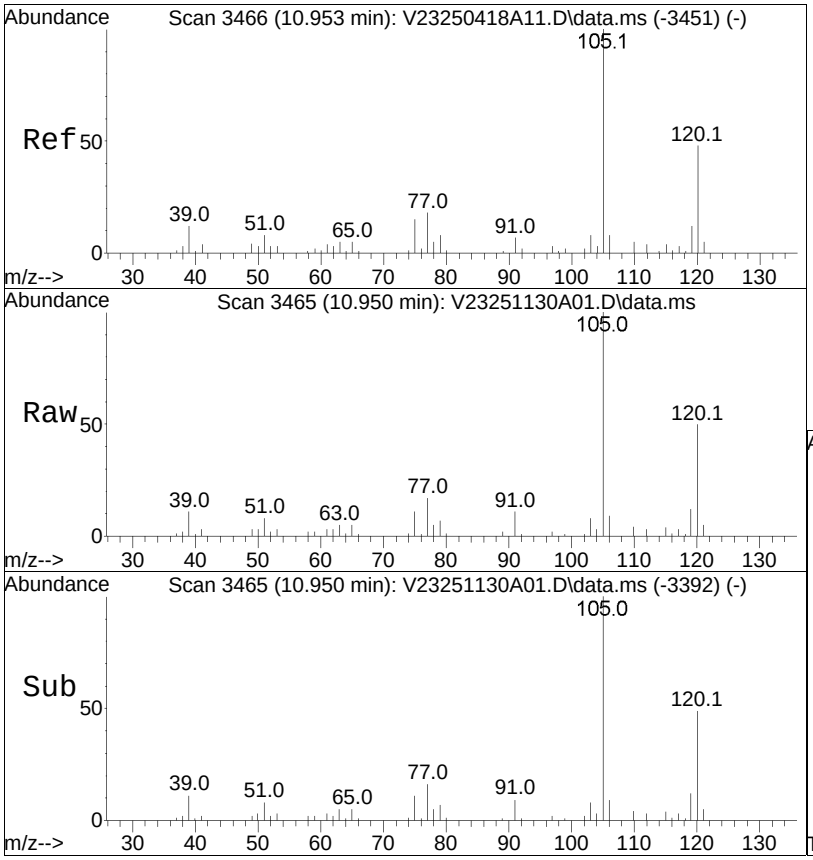


#89
2-Chlorotoluene
Concen: 43.28 ug/L M6
RT: 10.875 min Scan# 3438
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 91 Resp: 426663

Ion	Ratio	Lower	Upper
91	100		
126	33.4	26.7	40.1

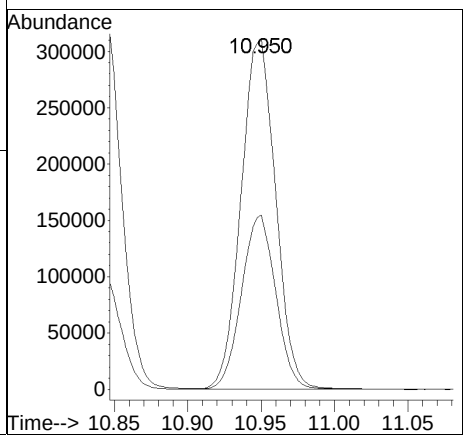


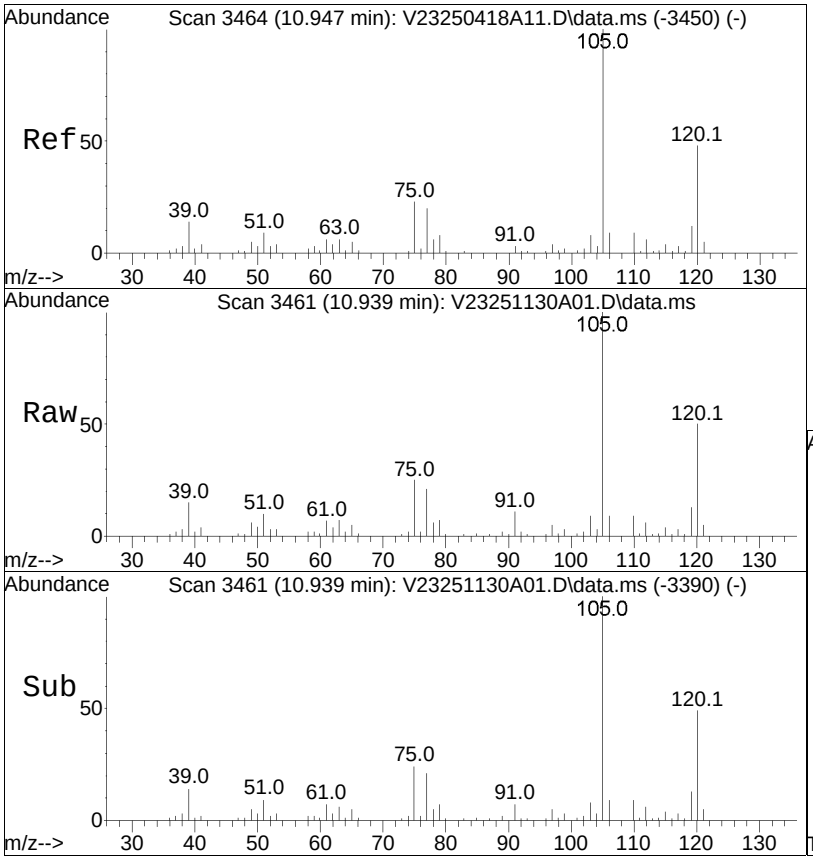


#90
1,3,5-Trimethylbenzene
Concen: 43.62 ug/L
RT: 10.950 min Scan# 3465
Delta R.T. 0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:105 Resp: 508400

Ion	Ratio	Lower	Upper
105	100		
120	49.4	39.9	59.9

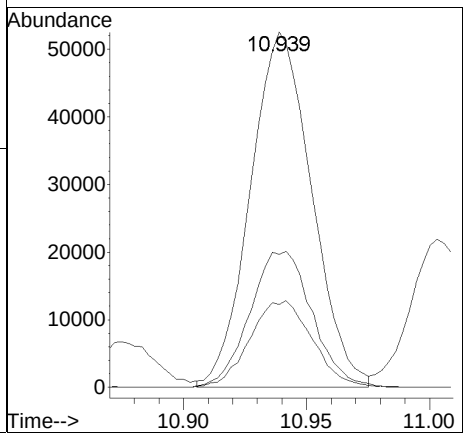


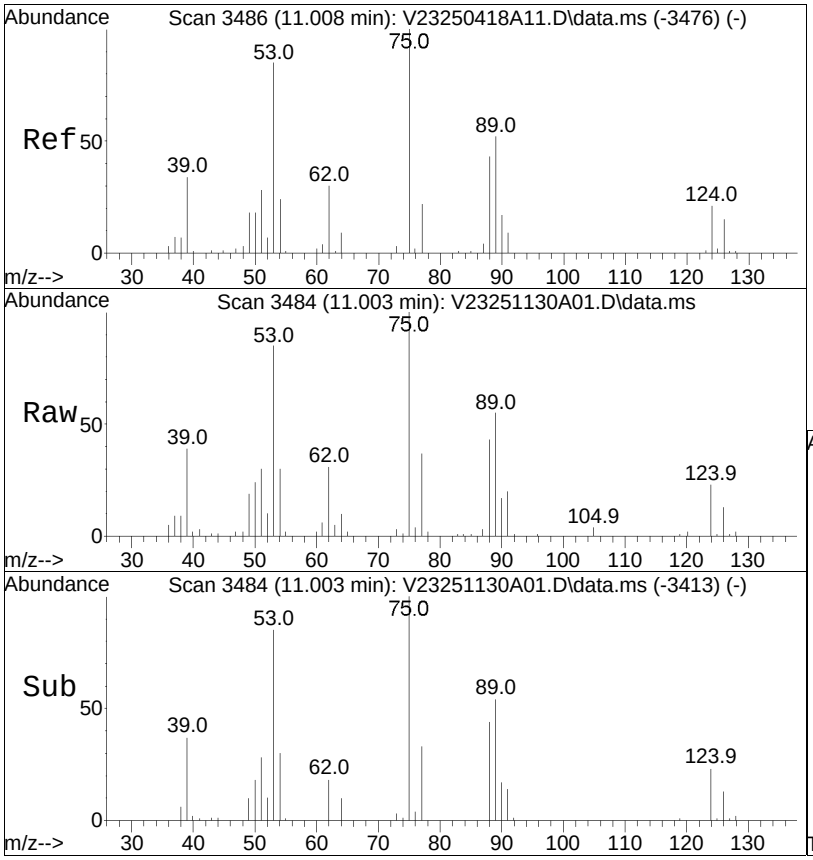


#91
1,2,3-Trichloropropane
Concen: 39.51 ug/L M4
RT: 10.939 min Scan# 3461
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 75 Resp: 91170

Ion	Ratio	Lower	Upper
75	100		
110	38.9	24.6	51.0
112	24.8	15.7	32.5

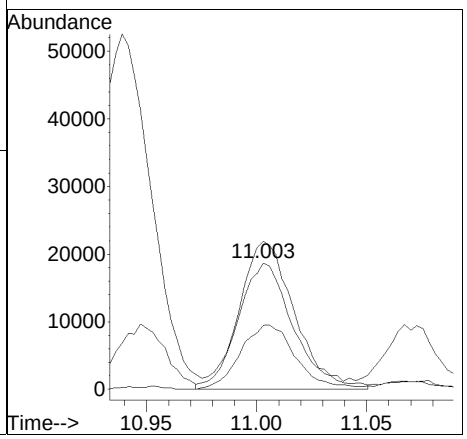


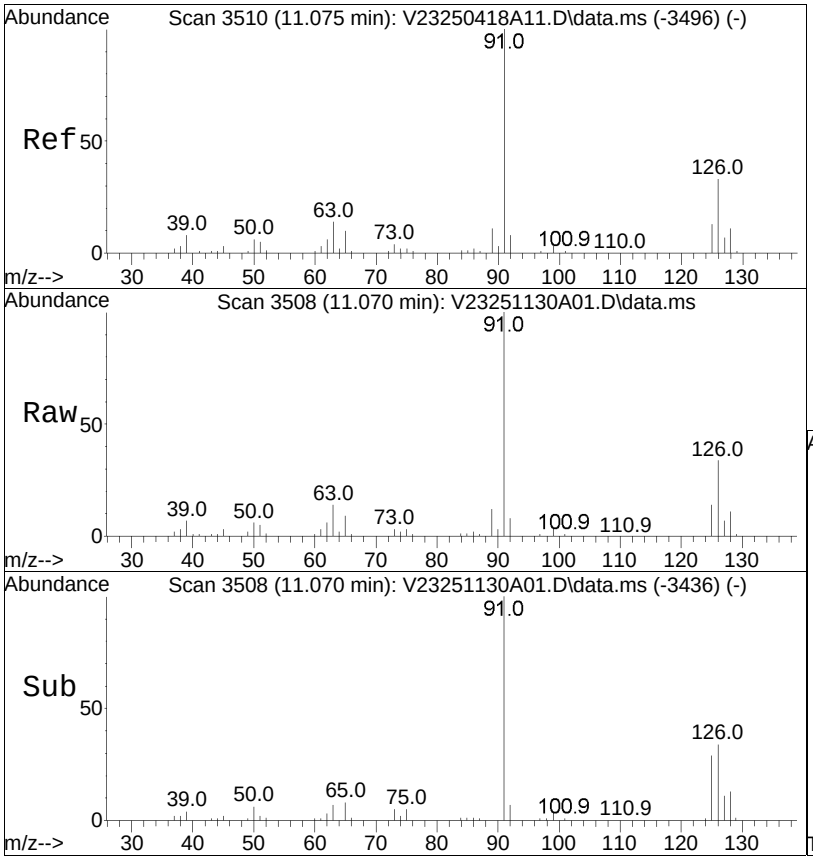


#92
trans-1,4-Dichloro-2-butene
Concen: 40.06 ug/L
RT: 11.003 min Scan# 3484
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 53 Resp: 32664

Ion	Ratio	Lower	Upper
53	100		
88	51.1	45.1	67.7
75	114.2	116.5	174.7#

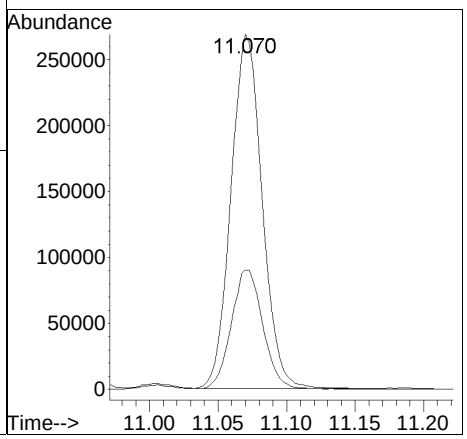


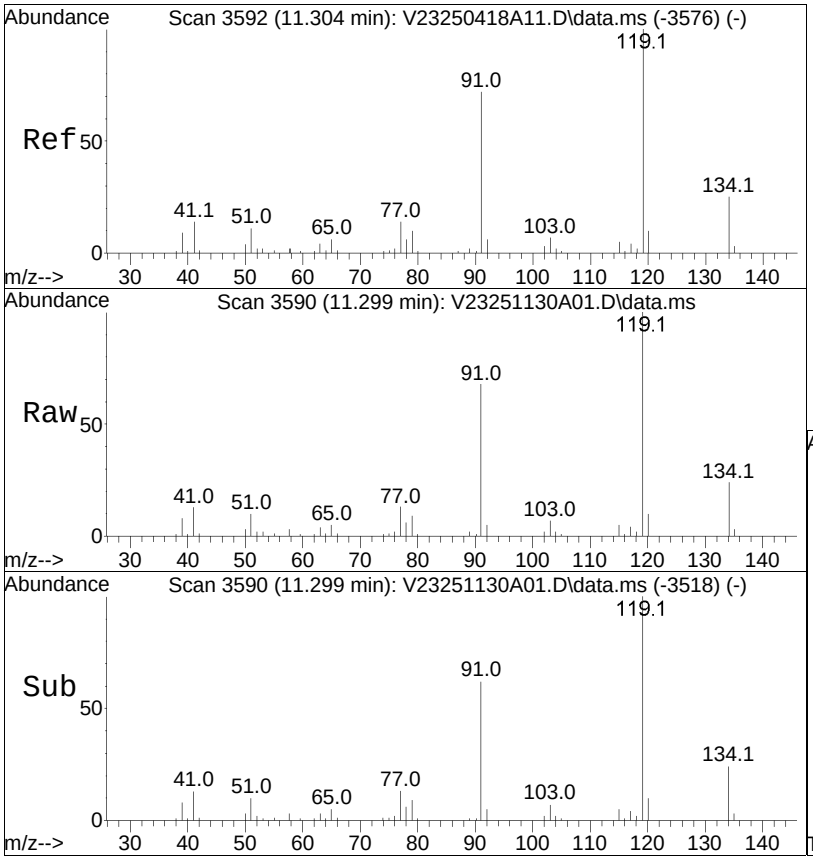


#93
4-Chlorotoluene
Concen: 42.46 ug/L
RT: 11.070 min Scan# 3508
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 91 Resp: 425469

Ion	Ratio	Lower	Upper
91	100		
126	34.0	26.9	40.3

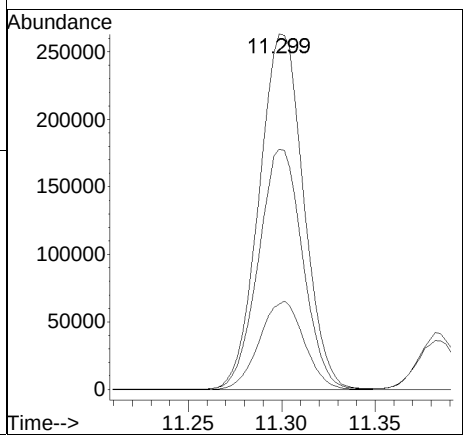


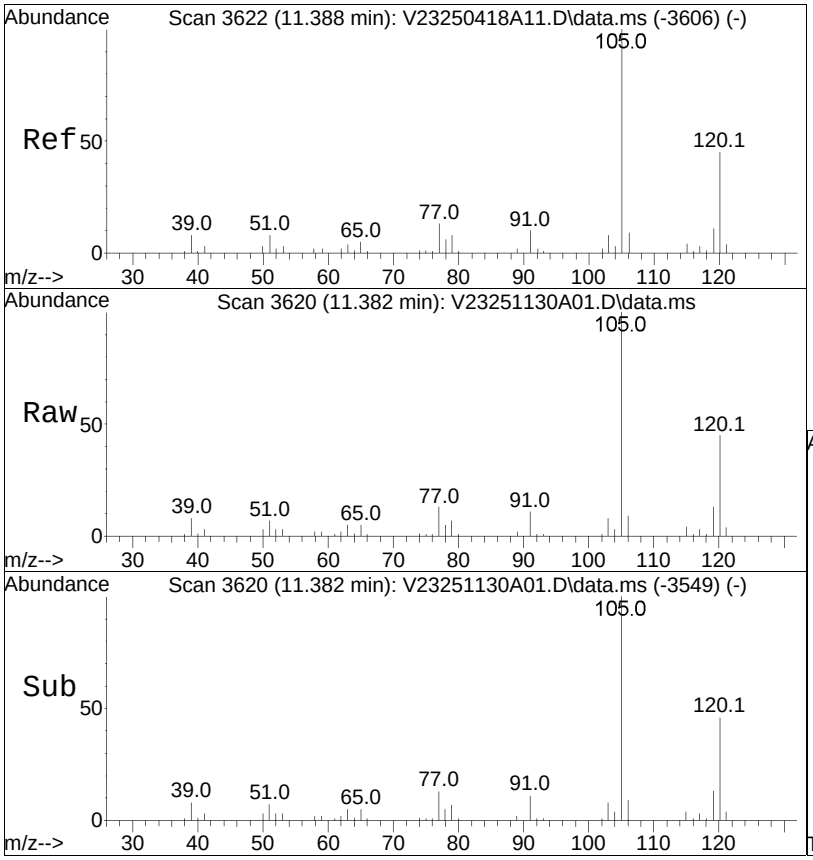


#94
tert-Butylbenzene
Concen: 44.63 ug/L
RT: 11.299 min Scan# 3590
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:119 Resp: 435580

Ion	Ratio	Lower	Upper
119	100		
91	67.1	53.1	79.7
134	24.9	20.4	30.6

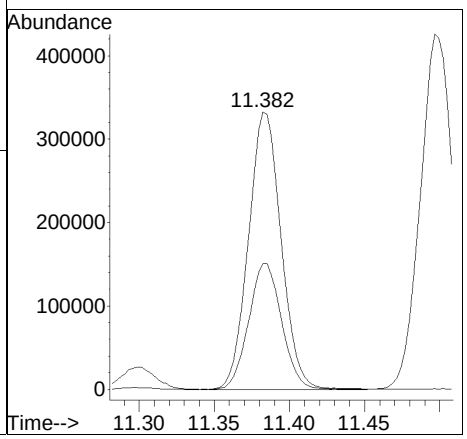


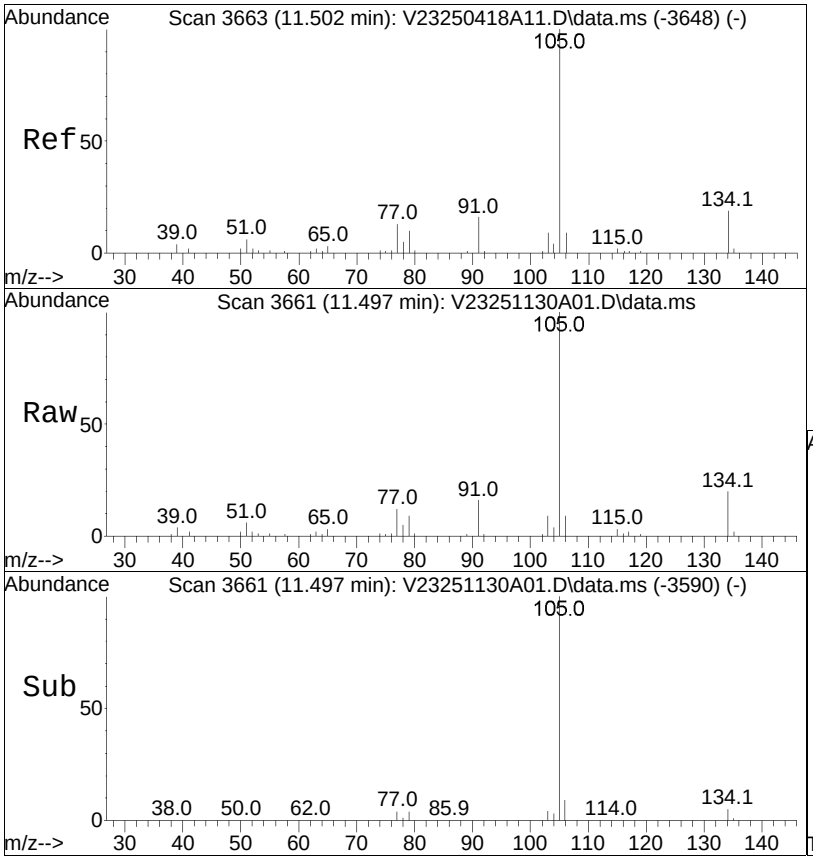


#97
1,2,4-Trimethylbenzene
Concen: 43.42 ug/L
RT: 11.382 min Scan# 3620
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:105 Resp: 502969

Ion	Ratio	Lower	Upper
105	100		
120	45.8	36.9	55.3

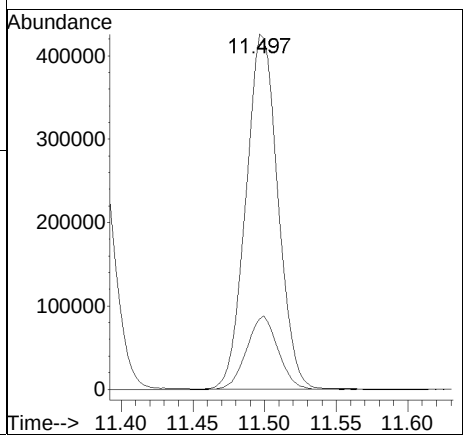


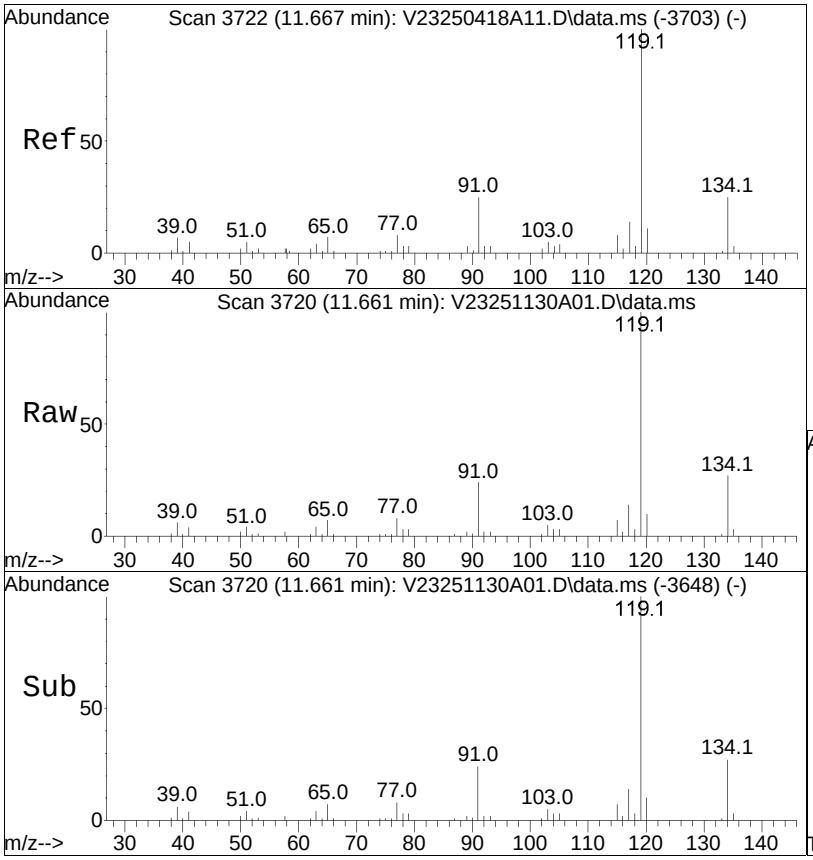


#98
sec-Butylbenzene
Concen: 45.27 ug/L
RT: 11.497 min Scan# 3661
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:105 Resp: 660844

Ion	Ratio	Lower	Upper
105	100		
134	20.3	13.1	27.1

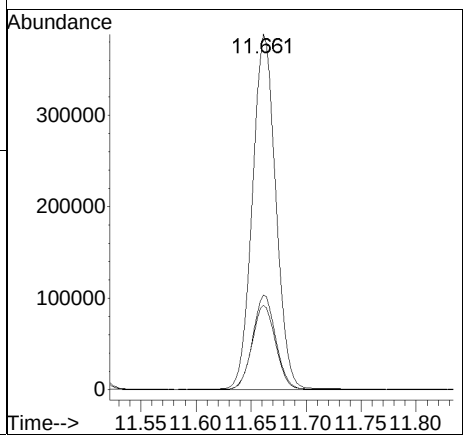


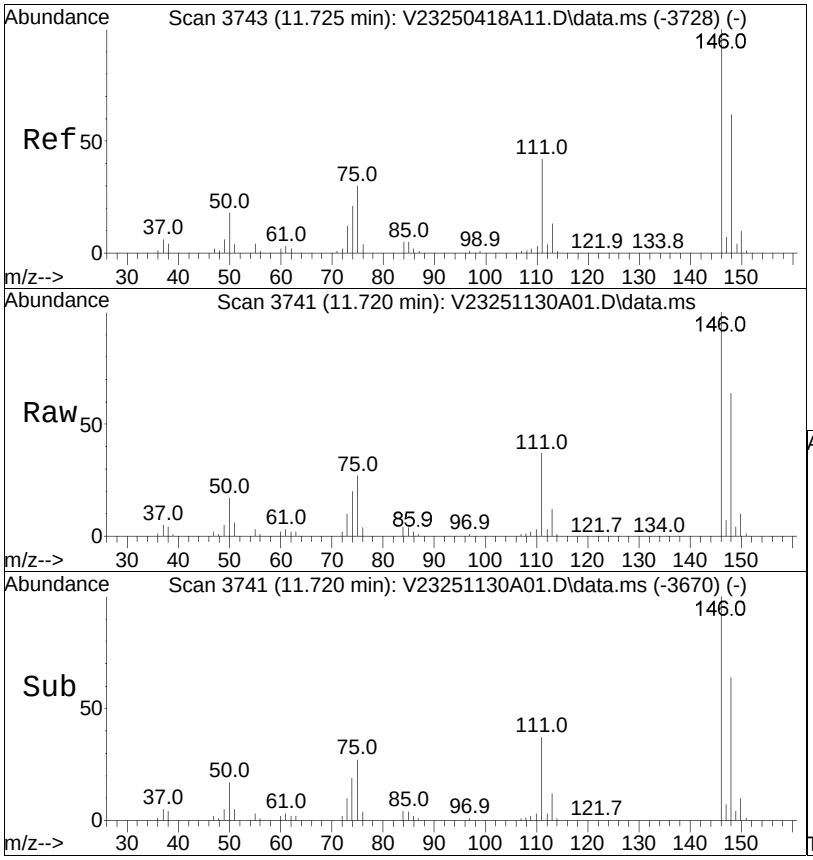


#99
p-Isopropyltoluene
Concen: 45.40 ug/L
RT: 11.661 min Scan# 3720
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:119 Resp: 573975

Ion	Ratio	Lower	Upper
119	100		
134	26.2	17.2	35.6
91	23.9	15.1	31.3

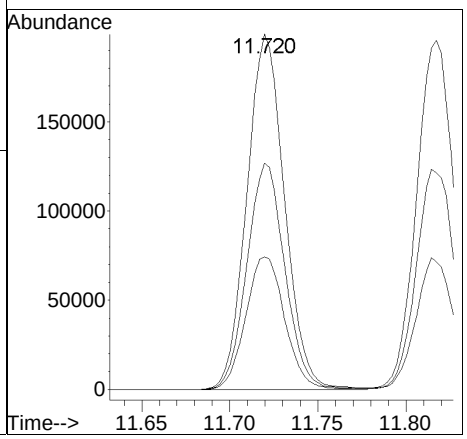


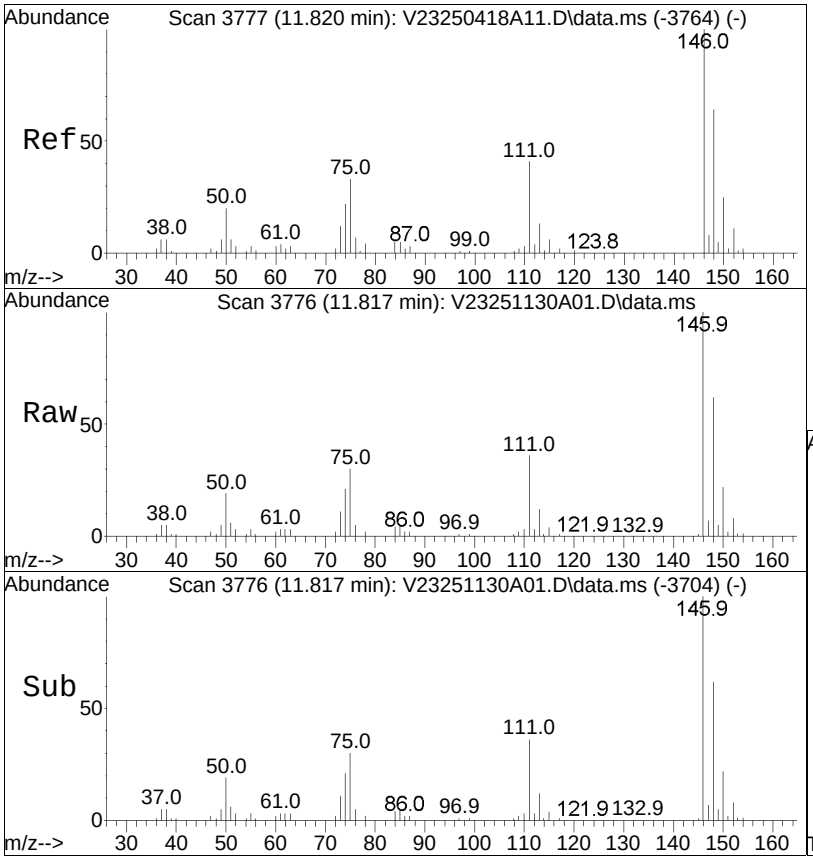


#100
1,3-Dichlorobenzene
Concen: 43.85 ug/L
RT: 11.720 min Scan# 3741
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:146 Resp: 296442

Ion	Ratio	Lower	Upper
146	100		
111	38.5	26.0	54.0
148	64.1	41.4	86.0

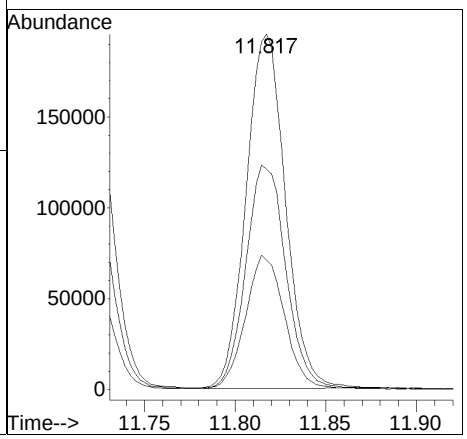


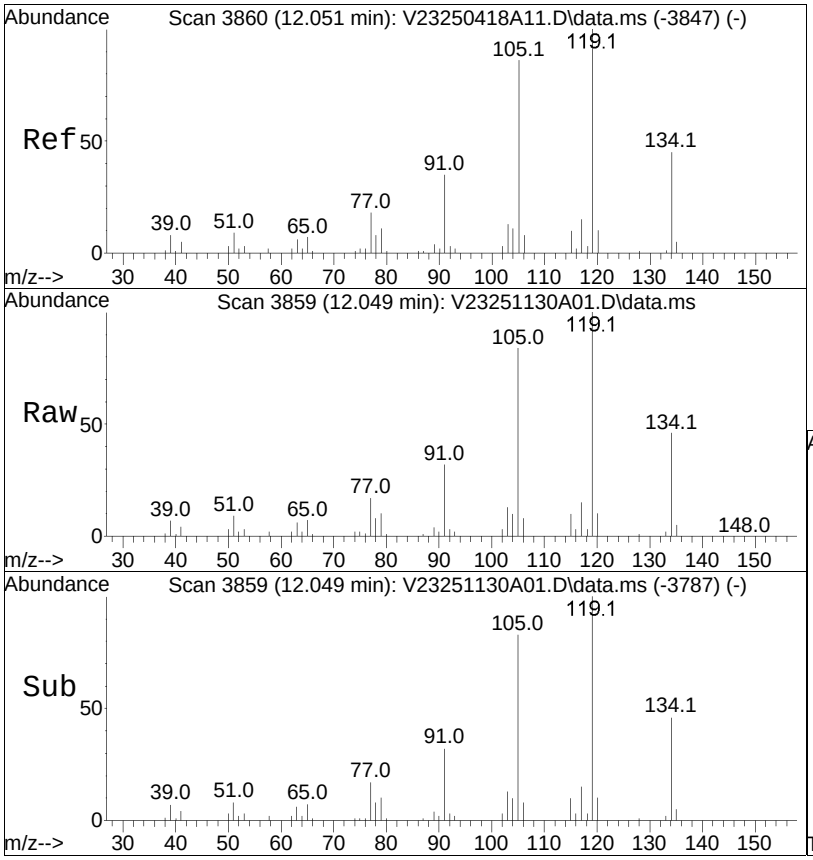


#101
1,4-Dichlorobenzene
Concen: 42.55 ug/L
RT: 11.817 min Scan# 3776
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:146 Resp: 294709

Ion	Ratio	Lower	Upper
146	100		
111	37.7	31.1	46.7
148	64.8	50.8	76.2

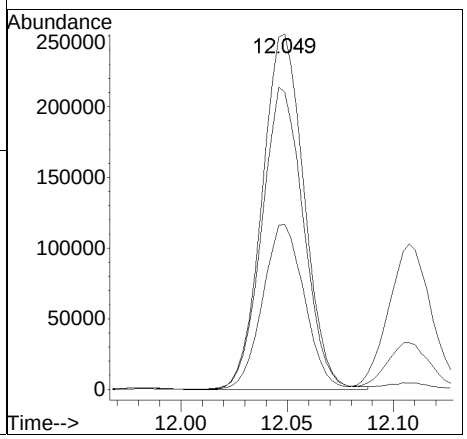


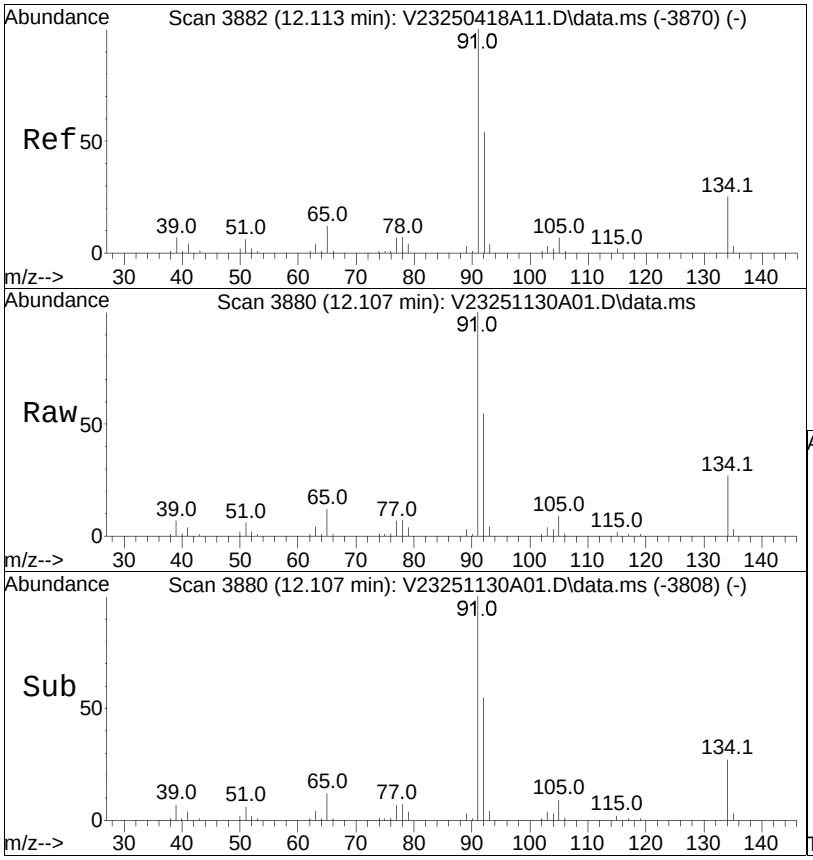


#102
p-Diethylbenzene
Concen: 46.11 ug/L
RT: 12.049 min Scan# 3859
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:119 Resp: 345207

Ion	Ratio	Lower	Upper
119	100		
105	84.2	55.1	114.5
134	46.3	30.0	62.2

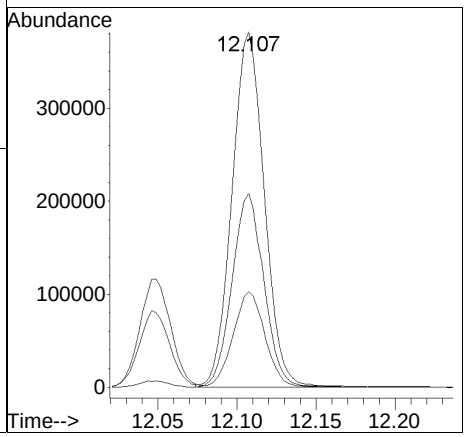


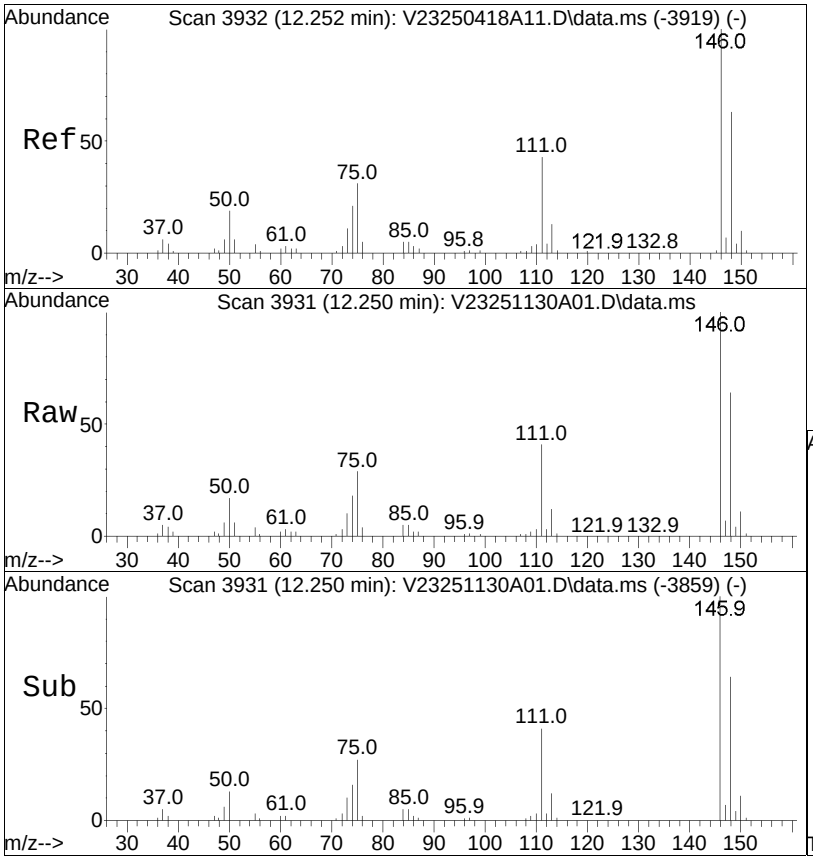


#103
n-Butylbenzene
Concen: 47.71 ug/L
RT: 12.107 min Scan# 3880
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 91 Resp: 541147

Ion	Ratio	Lower	Upper
91	100		
92	54.0	44.2	66.4
134	26.6	21.2	31.8

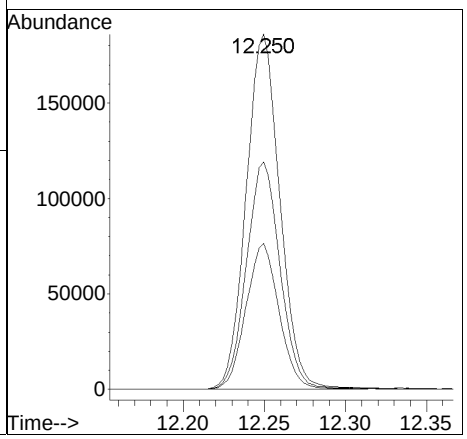


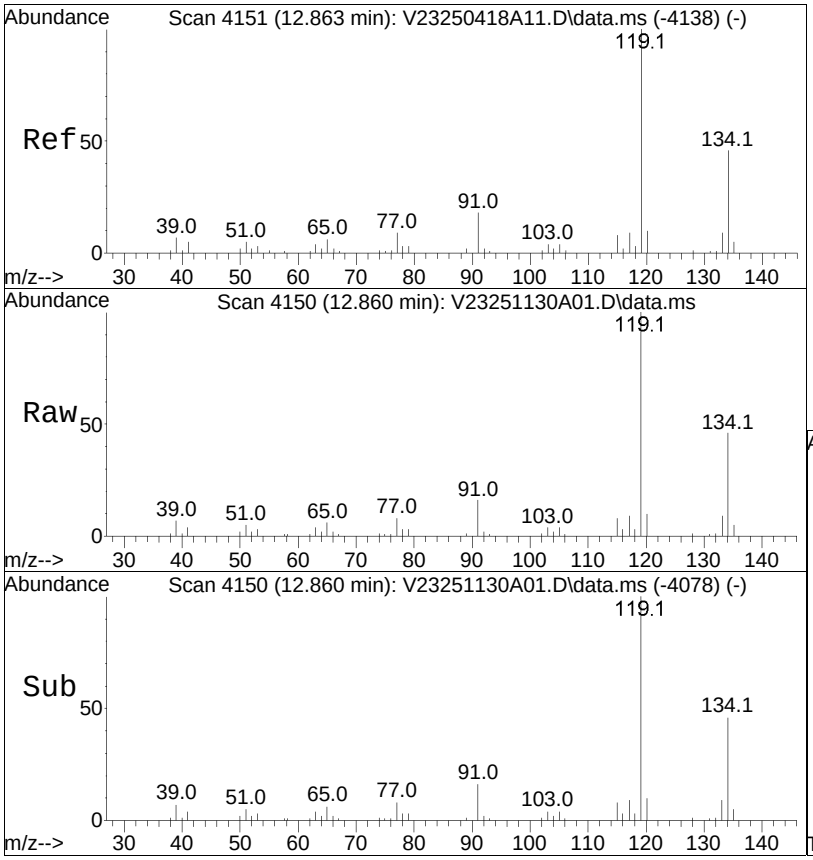


#104
1,2-Dichlorobenzene
Concen: 42.62 ug/L
RT: 12.250 min Scan# 3931
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:146 Resp: 270050

Ion	Ratio	Lower	Upper
146	100		
111	40.2	26.8	55.8
148	64.0	41.3	85.7

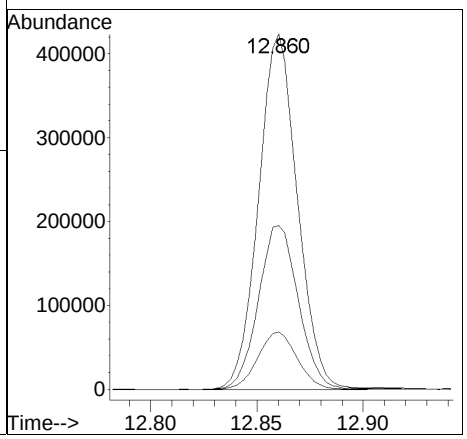


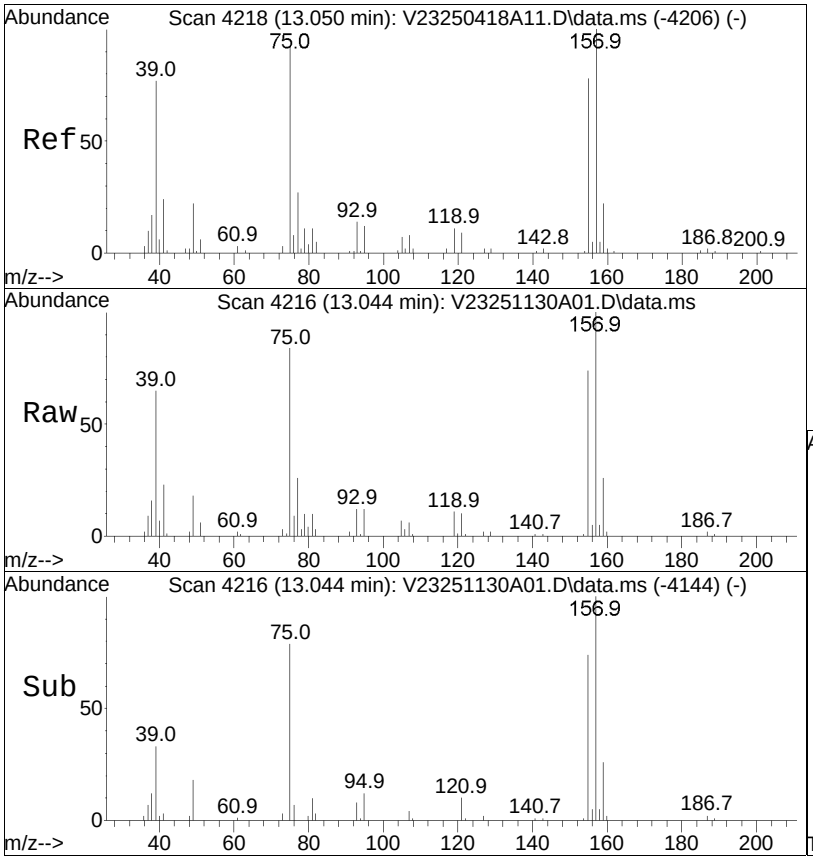


#105
1,2,4,5-Tetramethylbenzene
Concen: 44.16 ug/L
RT: 12.860 min Scan# 4150
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:119 Resp: 538239

Ion	Ratio	Lower	Upper
119	100		
134	47.6	31.3	64.9
91	16.5	10.3	21.3

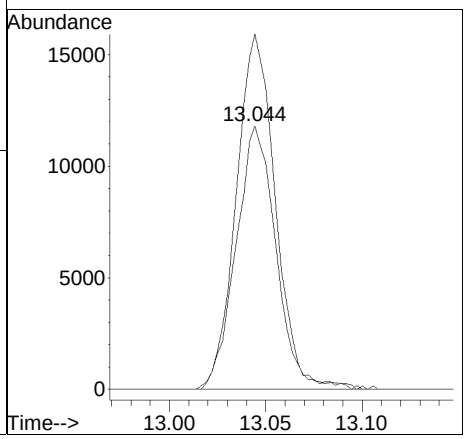


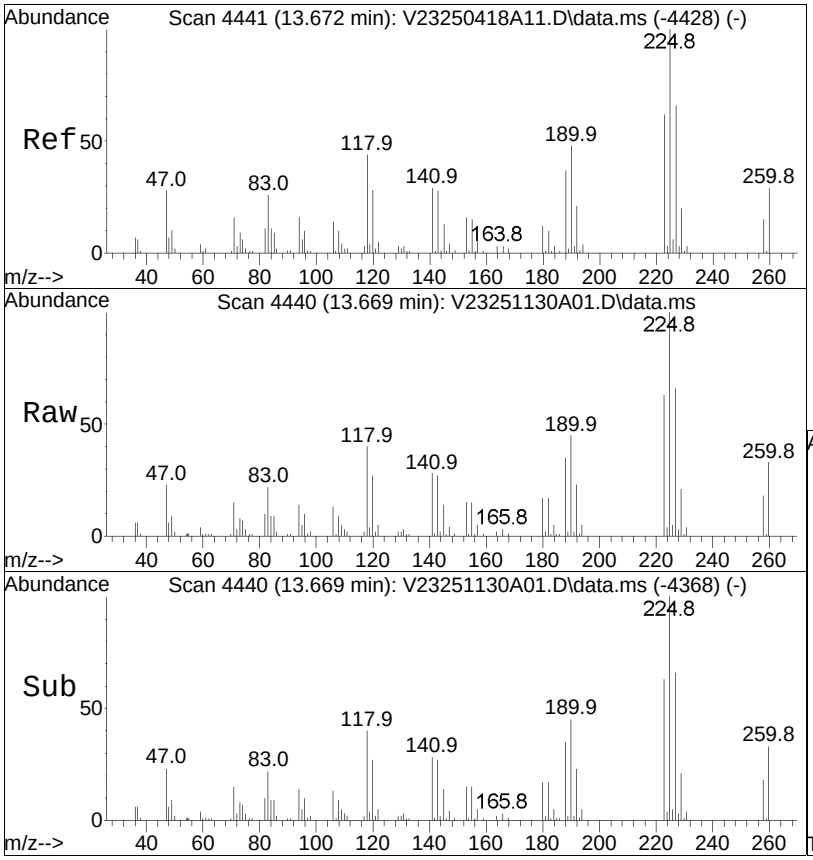


#106
1,2-Dibromo-3-chloropropane
Concen: 38.29 ug/L
RT: 13.044 min Scan# 4216
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:155 Resp: 17099

Ion	Ratio	Lower	Upper
155	100		
157	131.8	101.5	152.3

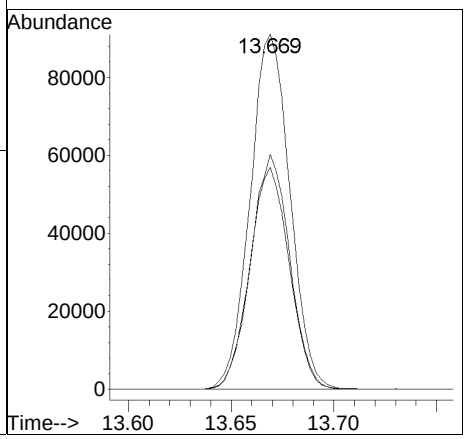


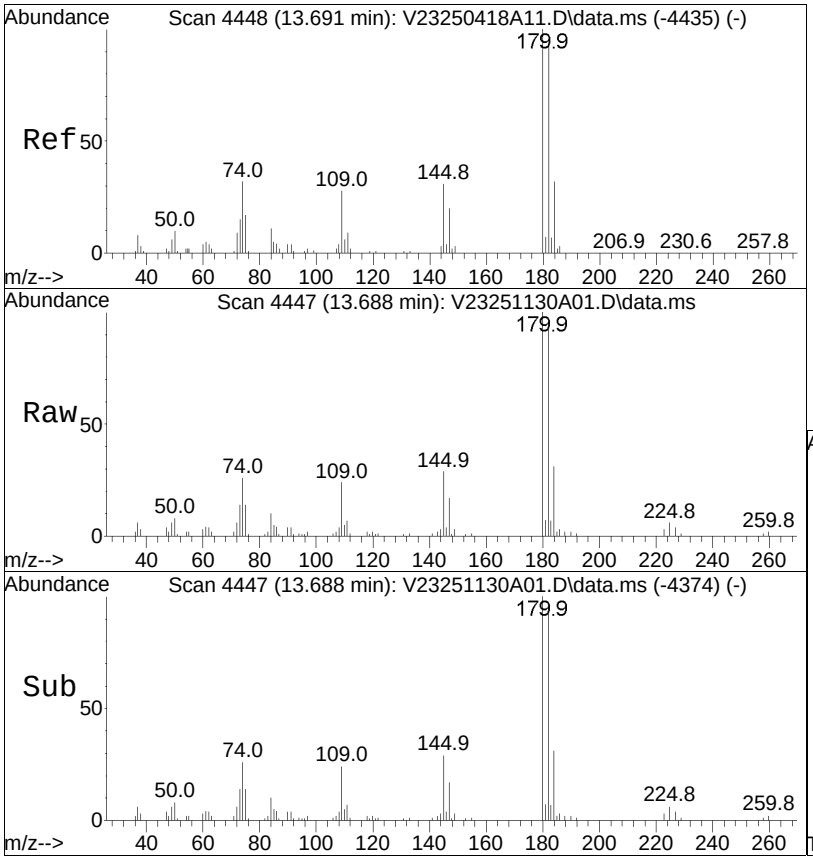


#108
Hexachlorobutadiene
Concen: 47.45 ug/L
RT: 13.669 min Scan# 4440
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:225 Resp: 122997

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.9	74.9
227	64.8	50.7	76.1

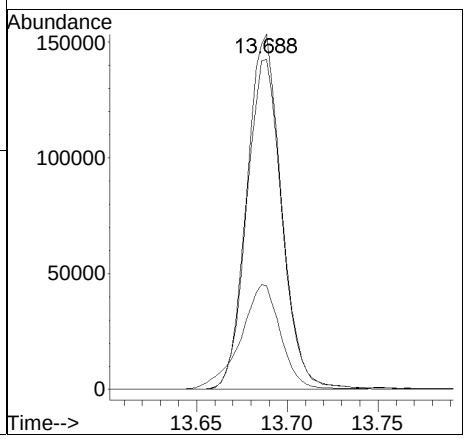


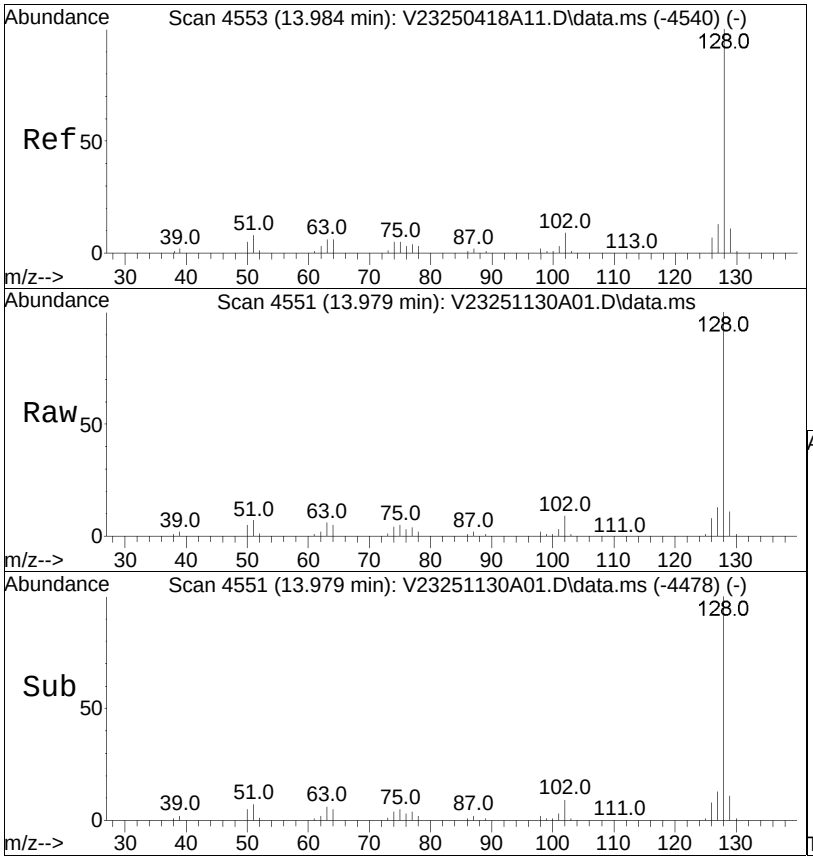


#109
1,2,4-Trichlorobenzene
Concen: 45.02 ug/L
RT: 13.688 min Scan# 4447
Delta R.T. 0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:180 Resp: 205578

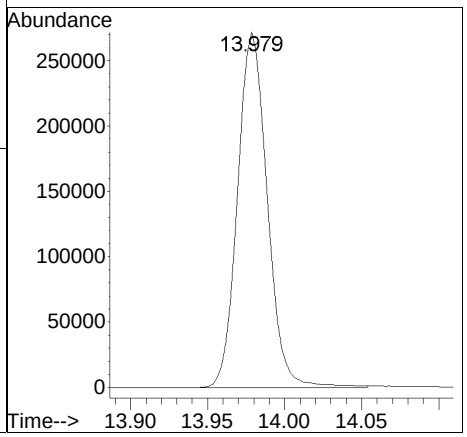
Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.2	114.4
145	33.9	27.4	41.2

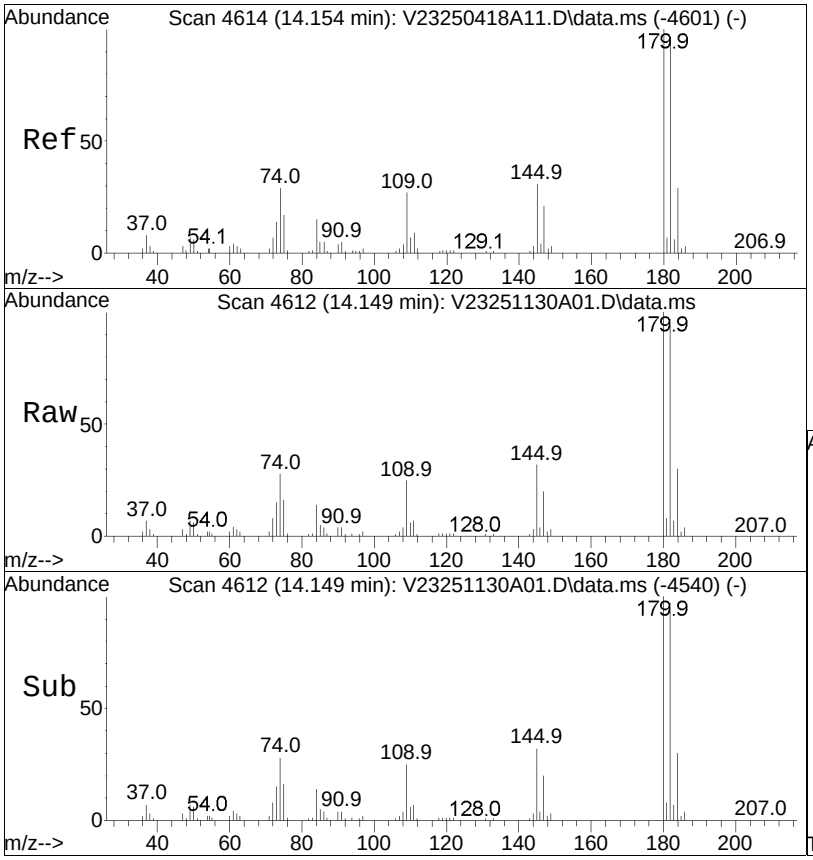




#110
Naphthalene
Concen: 41.69 ug/L
RT: 13.979 min Scan# 4551
Delta R.T. 0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:128 Resp: 364877

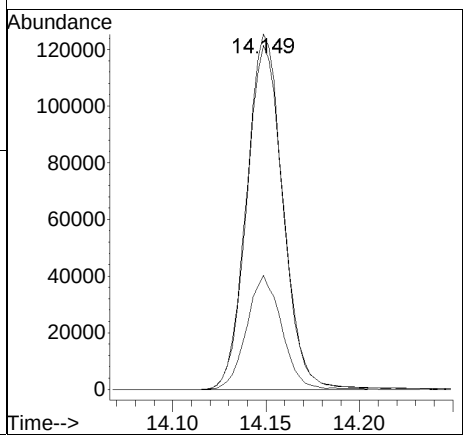




#111
1,2,3-Trichlorobenzene
Concen: 43.52 ug/L
RT: 14.149 min Scan# 4612
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:180 Resp: 170150

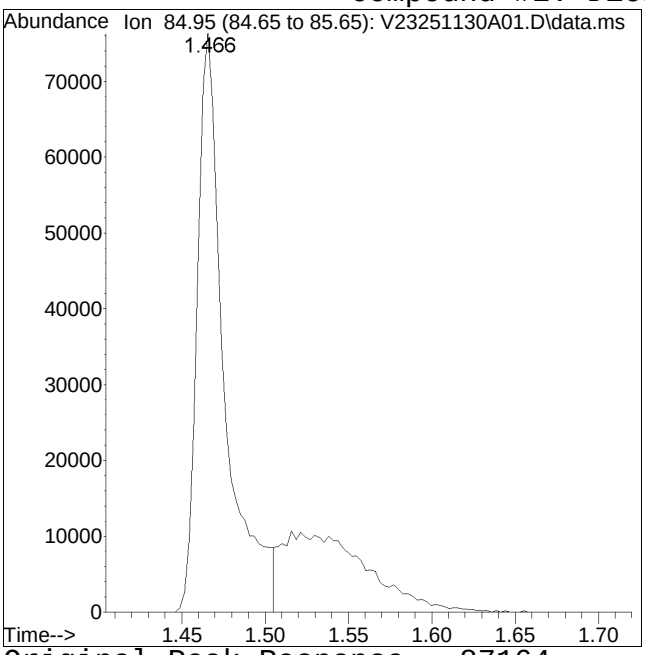
Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.4	113.0
145	30.9	25.2	37.8



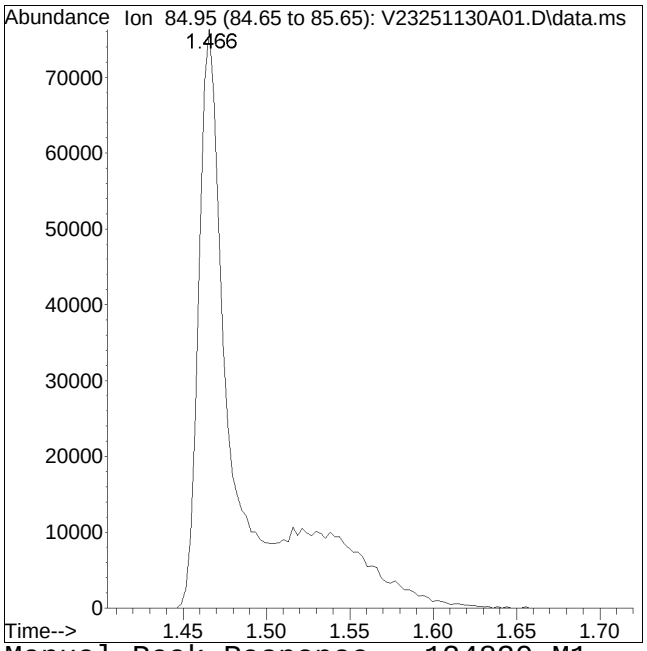
Manual Integration Report

Data Path	: K:\VOA123\2025\251130A\	QMethod	: V123_251103N_8260.m
Data File	: V23251130A01.D	Operator	: VOA123:RAW
Date Inj'd	: 11/30/2025 4:39 pm	Instrument	: VOA123
Sample	: WG2147797-3,31,5,5	Quant Date	: 11/30/2025 5:34 pm

Compound #2: Dichlorodifluoromethane



Original Peak Response = 87164



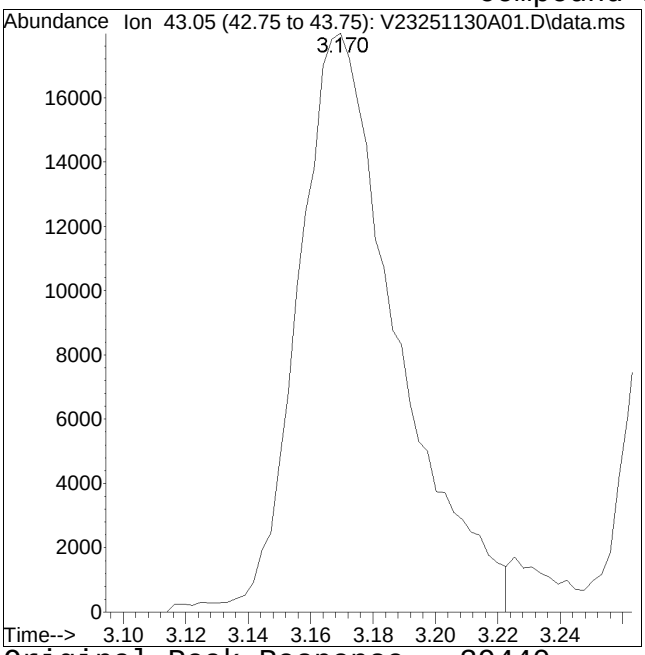
Manual Peak Response = 124830 M1

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

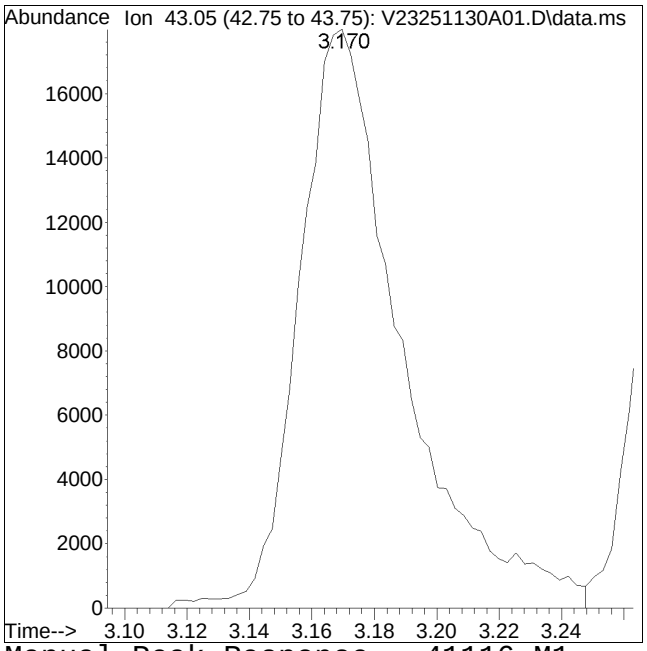
Manual Integration Report

Data Path	: K:\VOA123\2025\251130A\	QMethod	: V123_251103N_8260.m
Data File	: V23251130A01.D	Operator	: VOA123:RAW
Date Inj'd	: 11/30/2025 4:39 pm	Instrument	: VOA123
Sample	: WG2147797-3,31,5,5	Quant Date	: 11/30/2025 5:34 pm

Compound #17: Acetone



Original Peak Response = 39440



Manual Peak Response = 41116 M1

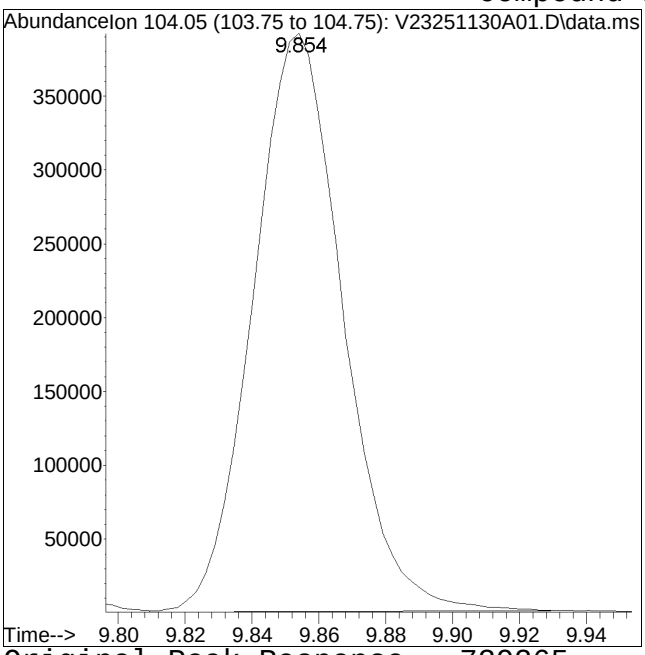
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

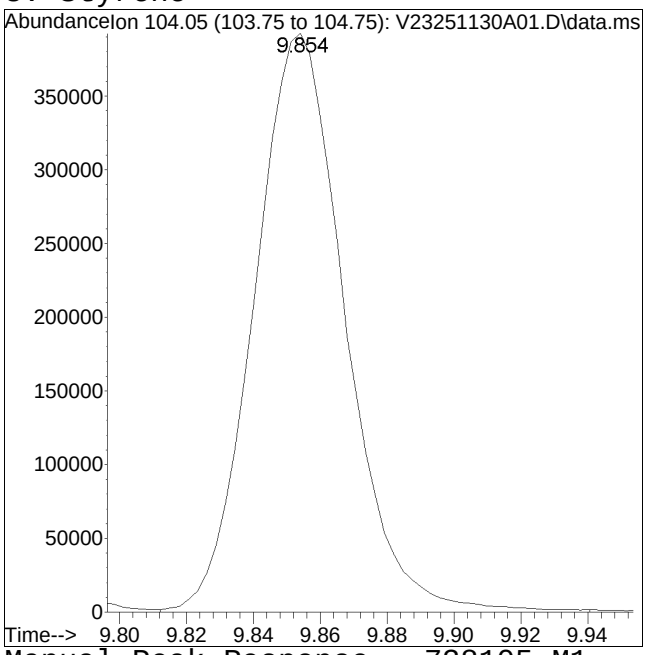
Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Date Inj'd : 11/30/2025 4:39 pm
Sample : WG2147797-3,31,5,5

QMethod : V123_251103N_8260.m
Operator : VOA123:RAW
Instrument : VOA123
Quant Date : 11/30/2025 5:34 pm

Compound #78: Styrene



Original Peak Response = 729265



Manual Peak Response = 738105 M1

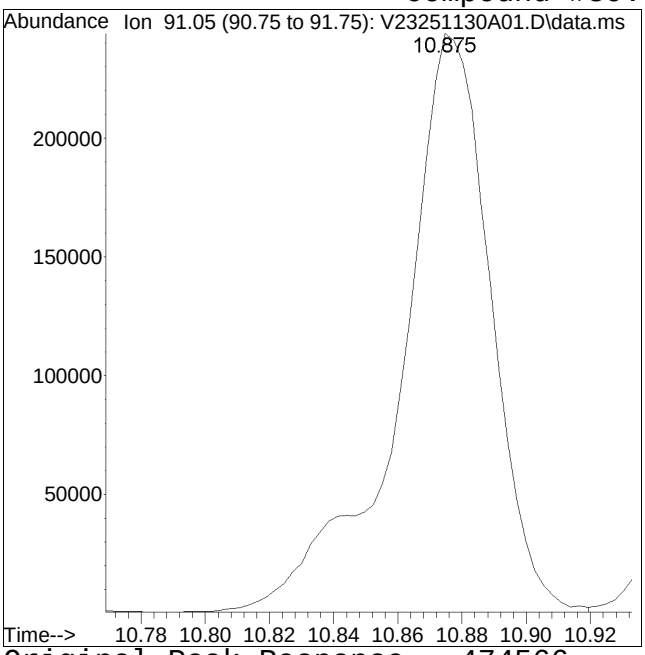
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

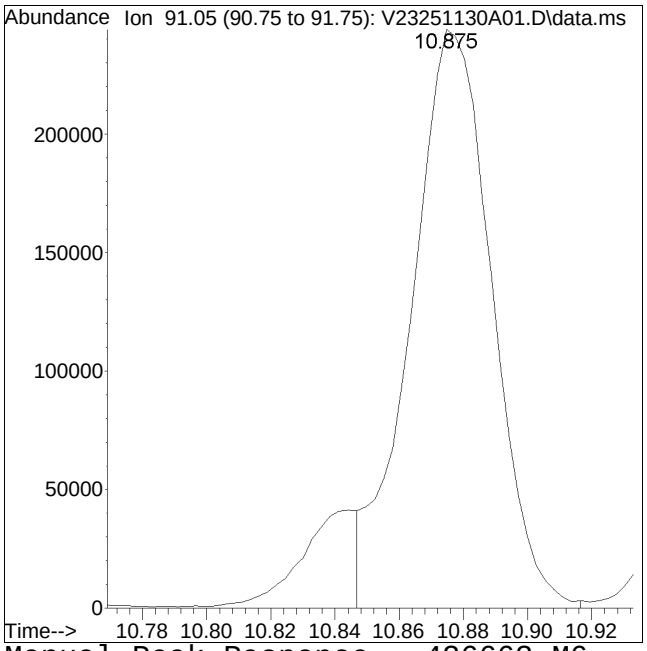
Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Date Inj'd : 11/30/2025 4:39 pm
Sample : WG2147797-3,31,5,5

QMethod : V123_251103N_8260.m
Operator : VOA123:RAW
Instrument : VOA123
Quant Date : 11/30/2025 5:34 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 474566



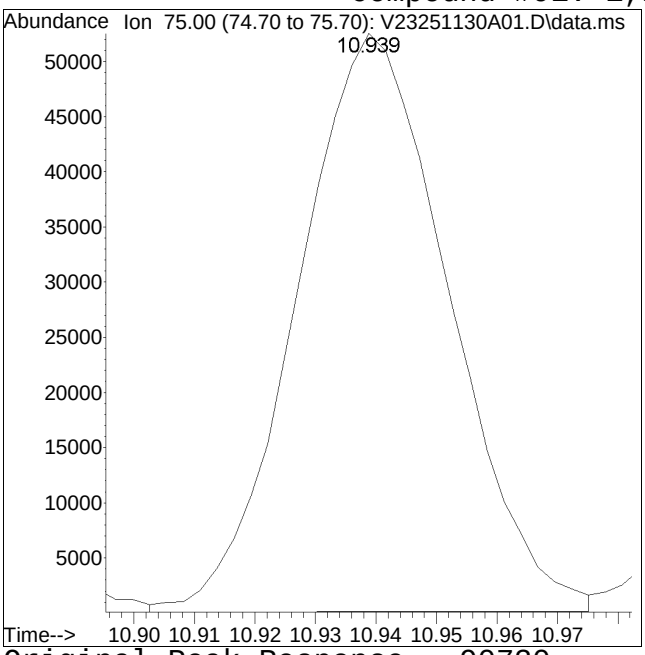
Manual Peak Response = 426663 M6

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

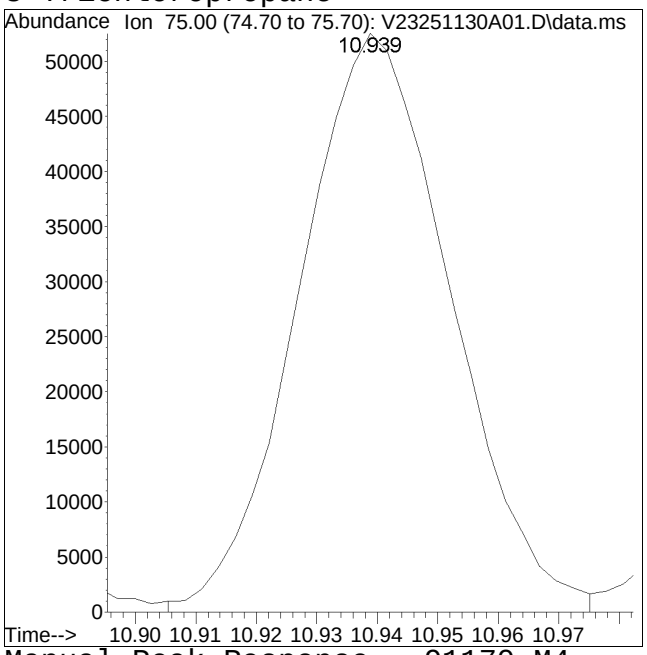
Manual Integration Report

Data Path	: K:\VOA123\2025\251130A\	QMethod	: V123_251103N_8260.m
Data File	: V23251130A01.D	Operator	: VOA123:RAW
Date Inj'd	: 11/30/2025 4:39 pm	Instrument	: VOA123
Sample	: WG2147797-3,31,5,5	Quant Date	: 11/30/2025 5:34 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 90730



Manual Peak Response = 91170 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148016-3,31h,15,15,0.1
Misc : WG2148016,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.520	96	206936	20.000	ug/L	0.00
Standard Area 1 = 206936			Recovery = 100.00%			
59) Chlorobenzene-d5	8.992	117	154785	20.000	ug/L	0.00
Standard Area 1 = 154785			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	11.800	152	86212	20.000	ug/L	0.00
Standard Area 1 = 86212			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.734	113	50931	19.539	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.70%			
43) 1,2-Dichloroethane-d4	5.244	65	49864	18.689	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.44%			
60) Toluene-d8	7.174	98	196836	18.804	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.02%			
83) 4-Bromofluorobenzene	10.537	95	71679	18.597	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.99%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.468	85	123719M1	54.279	ug/L	
3) Chloromethane	1.666	50	122248	49.312	ug/L	99
4) Vinyl chloride	1.691	62	147391M1	54.774	ug/L	
5) Bromomethane	1.965	94	116685	67.794	ug/L	98
6) Chloroethane	2.071	64	100165	53.709	ug/L	97
7) Trichlorofluoromethane	2.193	101	223343	54.872	ug/L	91
8) Ethyl ether	2.453	74	61046	44.853	ug/L	91
10) 1,1-Dichloroethene	2.628	96	103323	47.981	ug/L	90
11) Carbon disulfide	2.656	76	360650	45.460	ug/L	97
15) Methylene chloride	3.130	84	118163	42.270	ug/L	90
17) Acetone	3.169	43	35636	54.718	ug/L	94
18) trans-1,2-Dichloroethene	3.278	96	119281	47.382	ug/L	96
20) Methyl tert-butyl ether	3.362	73	306072	42.636	ug/L	94
23) 1,1-Dichloroethane	3.819	63	214012	46.230	ug/L	100
25) Acrylonitrile	3.861	53	24056	43.113	ug/L #	91
27) Vinyl acetate	4.045	43	225038	42.033	ug/L	94
28) cis-1,2-Dichloroethene	4.310	96	129289	44.811	ug/L	96
29) 2,2-Dichloropropane	4.407	77	184173	48.338	ug/L	91
30) Bromochloromethane	4.497	128	57179	44.376	ug/L	97
32) Chloroform	4.564	83	214639	37.908	ug/L	96

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148016-3,31h,15,15,0.1
Misc : WG2148016,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	4.695	117	174278	47.510	ug/L		100
37) 1,1,1-Trichloroethane	4.756	97	196779	50.268	ug/L		98
39) 2-Butanone	4.848	43	30178	38.399	ug/L	#	66
40) 1,1-Dichloropropene	4.876	75	159213	52.239	ug/L		99
41) Benzene	5.110	78	455294	47.197	ug/L		96
44) 1,2-Dichloroethane	5.305	62	153592	43.649	ug/L		98
48) Trichloroethene	5.690	95	129000	48.717	ug/L		99
50) Dibromomethane	6.120	93	66818	42.469	ug/L		97
51) 1,2-Dichloropropane	6.217	63	118374	44.577	ug/L		99
54) Bromodichloromethane	6.293	83	166021	44.528	ug/L		99
57) 1,4-Dioxane	6.510	88	33634M1	2184.161	ug/L		
58) cis-1,3-Dichloropropene	6.970	75	186679	45.510	ug/L		93
61) Toluene	7.232	92	292568	44.463	ug/L		99
62) 4-Methyl-2-pentanone	7.667	58	29446	42.032	ug/L		87
63) Tetrachloroethene	7.676	166	141508	49.995	ug/L		98
65) trans-1,3-Dichloropropene	7.712	75	161946	43.695	ug/L		98
68) 1,1,2-Trichloroethane	7.888	83	79391	42.009	ug/L		99
69) Chlorodibromomethane	8.094	129	120386	44.343	ug/L		98
70) 1,3-Dichloropropane	8.206	76	159425	42.726	ug/L		100
71) 1,2-Dibromoethane	8.362	107	92850	44.262	ug/L		99
72) 2-Hexanone	8.671	43	45976	36.561	ug/L		91
73) Chlorobenzene	9.012	112	335938	44.675	ug/L	#	86
74) Ethylbenzene	9.053	91	581804	44.667	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.098	131	123581	44.978	ug/L		99
76) p/m Xylene	9.243	106	454151	93.252	ug/L		99
77) o Xylene	9.781	106	437291	88.968	ug/L		98
78) Styrene	9.857	104	732510	88.446	ug/L		100
80) Bromoform	9.870	173	78778	42.097	ug/L		100
82) Isopropylbenzene	10.197	105	591085	45.737	ug/L		99
84) Bromobenzene	10.649	156	148596	42.653	ug/L		100
85) n-Propylbenzene	10.710	91	706978	45.954	ug/L		100
87) 1,1,2,2-Tetrachloroethane	10.802	83	118145	41.543	ug/L		99
88) 4-Ethyltoluene	10.844	105	585962	45.769	ug/L		100
89) 2-Chlorotoluene	10.877	91	416062	43.311	ug/L		99
90) 1,3,5-Trimethylbenzene	10.950	105	507552	44.692	ug/L		98
91) 1,2,3-Trichloropropane	10.941	75	90231	40.133	ug/L		97
92) trans-1,4-Dichloro-2-b...	11.008	53	31222	39.296	ug/L	#	81
93) 4-Chlorotoluene	11.072	91	422710	43.297	ug/L		98
94) tert-Butylbenzene	11.301	119	433885	45.630	ug/L		99

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148016-3,31h,15,15,0.1
Misc : WG2148016,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.385	105	498910	44.199	ug/L	99
98) sec-Butylbenzene	11.499	105	659686	46.376	ug/L	100
99) p-Isopropyltoluene	11.664	119	571928	46.424	ug/L	99
100) 1,3-Dichlorobenzene	11.722	146	293868	44.617	ug/L	99
101) 1,4-Dichlorobenzene	11.817	146	293868	43.547	ug/L	98
102) p-Diethylbenzene	12.048	119	338939	46.468	ug/L	100
103) n-Butylbenzene	12.107	91	539276	48.798	ug/L	99
104) 1,2-Dichlorobenzene	12.249	146	270004	43.732	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.860	119	529605	44.592	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.047	155	17245	39.632	ug/L	96
108) Hexachlorobutadiene	13.669	225	121042	47.922	ug/L	100
109) 1,2,4-Trichlorobenzene	13.685	180	205720	46.236	ug/L	99
110) Naphthalene	13.978	128	357056	41.874	ug/L	100
111) 1,2,3-Trichlorobenzene	14.148	180	173164	45.453	ug/L	98

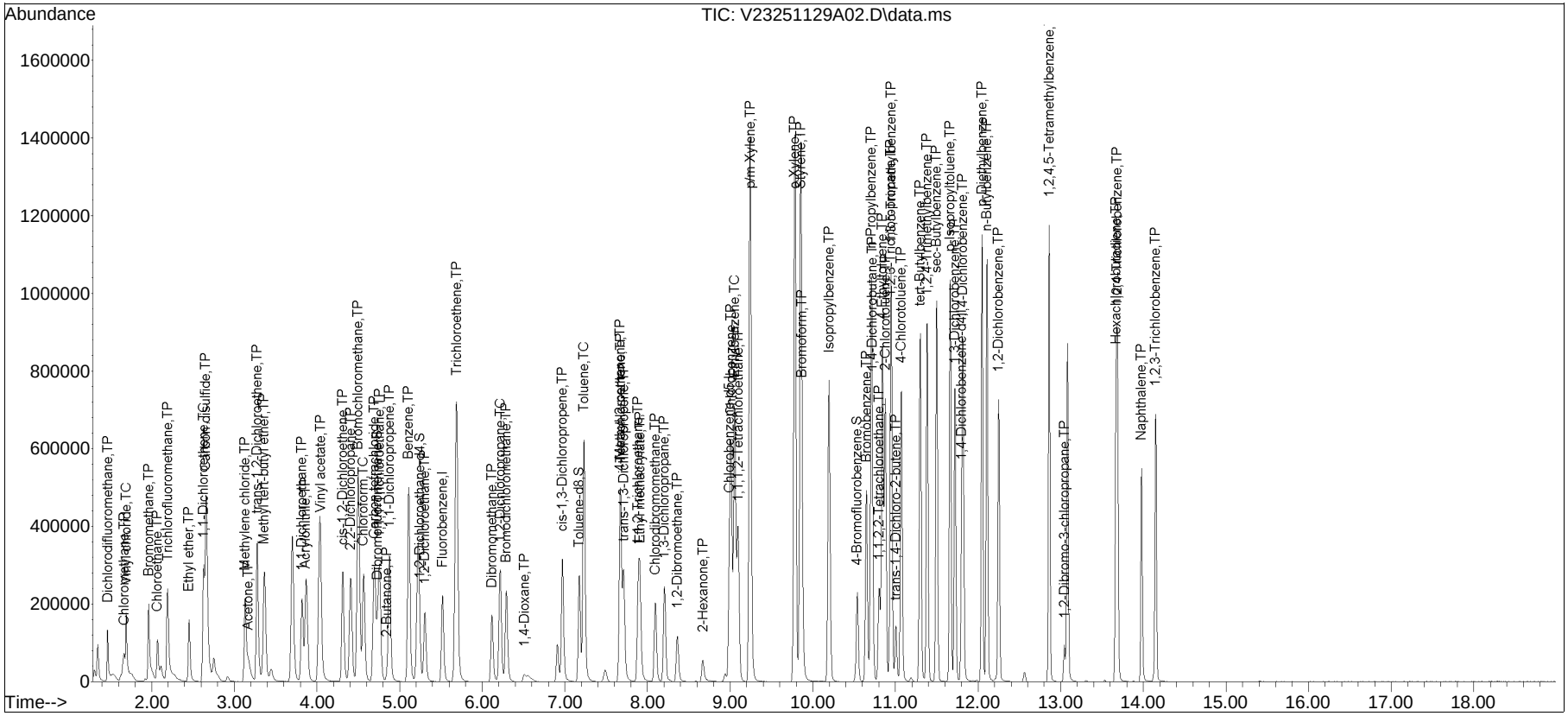
(#) = qualifier out of range (m) = manual integration (+) = signals summed

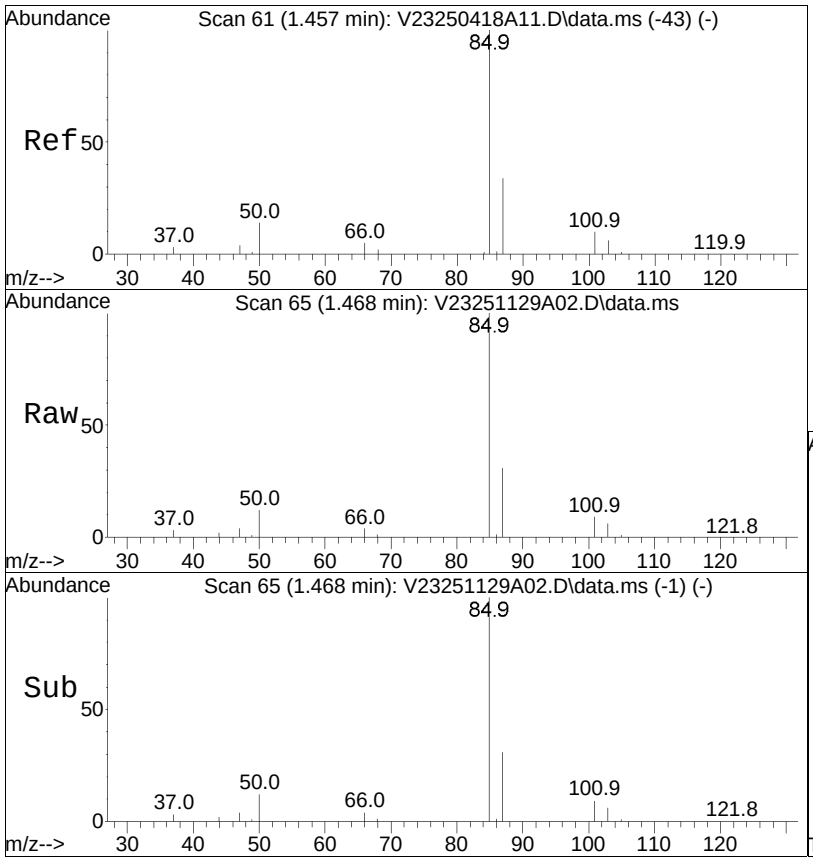
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148016-3,31h,15,15,0.1
Misc : WG2148016,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251129A02.D•

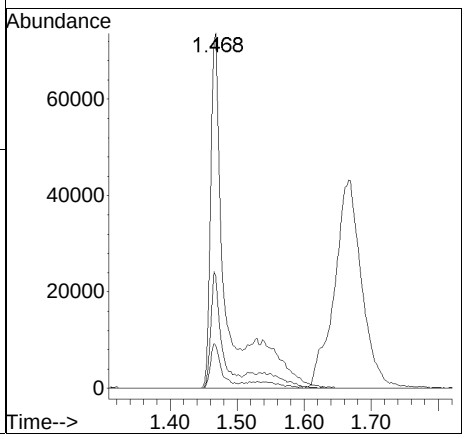


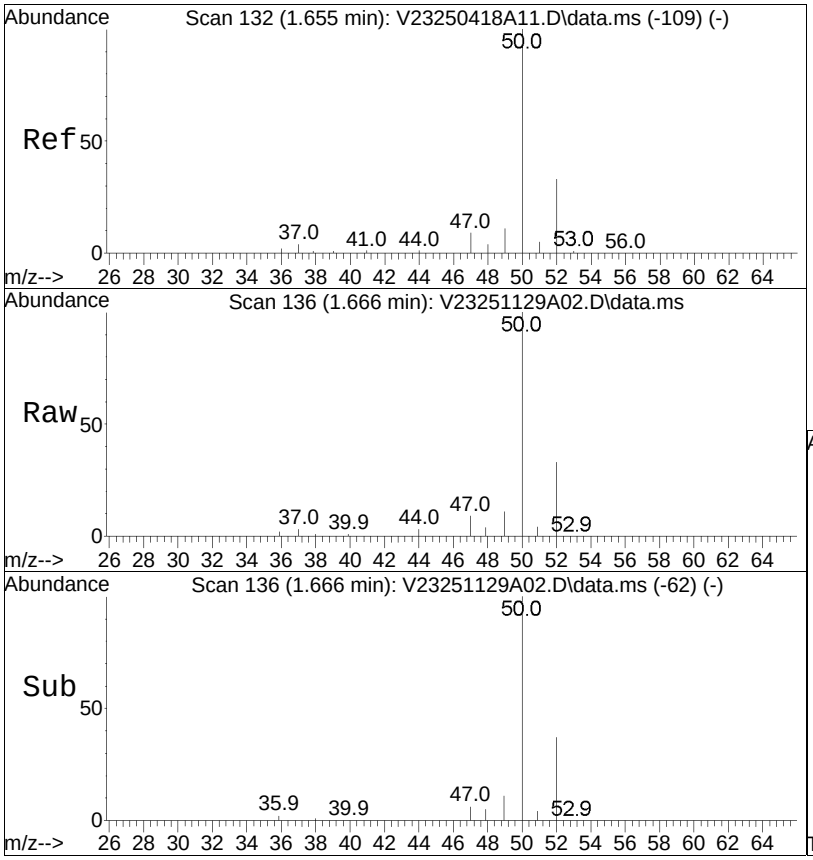


#2
Dichlorodifluoromethane
Concen: 54.28 ug/L M1
RT: 1.468 min Scan# 65
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 85 Resp: 123719

Ion	Ratio	Lower	Upper
85	100		
87	22.0	21.1	43.7
50	8.8	7.3	15.3

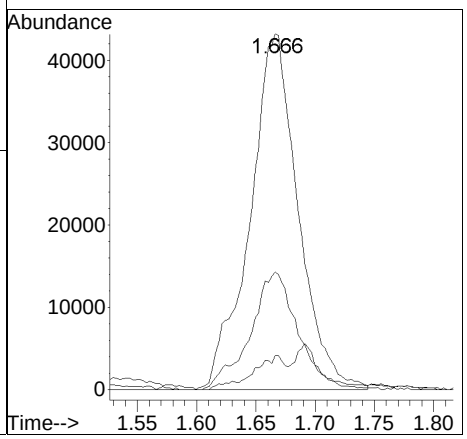


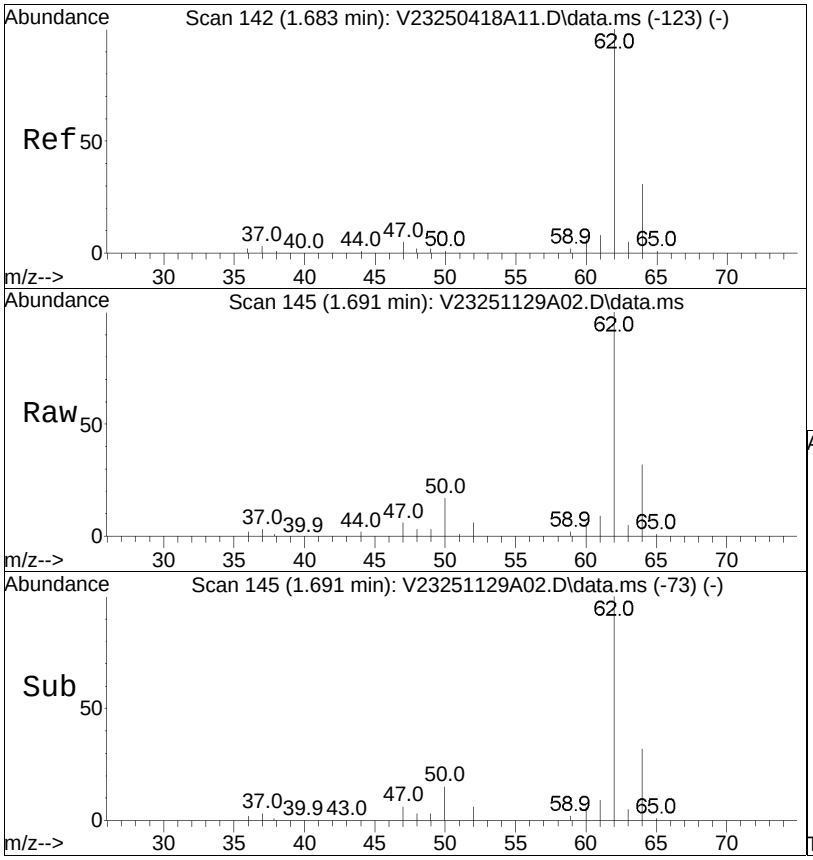


#3
Chloromethane
Concen: 49.31 ug/L
RT: 1.666 min Scan# 136
Delta R.T. 0.005 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 50 Resp: 122248

Ion	Ratio	Lower	Upper
50	100		
52	32.6	12.7	52.7
47	6.5	0.0	28.1

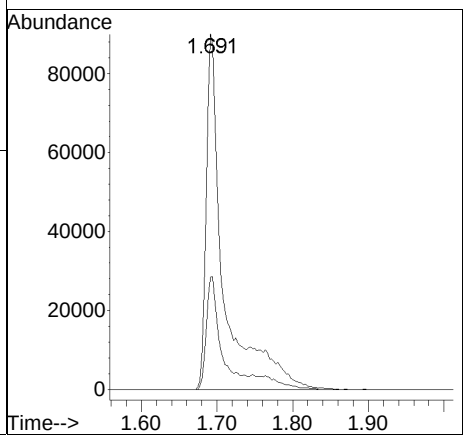


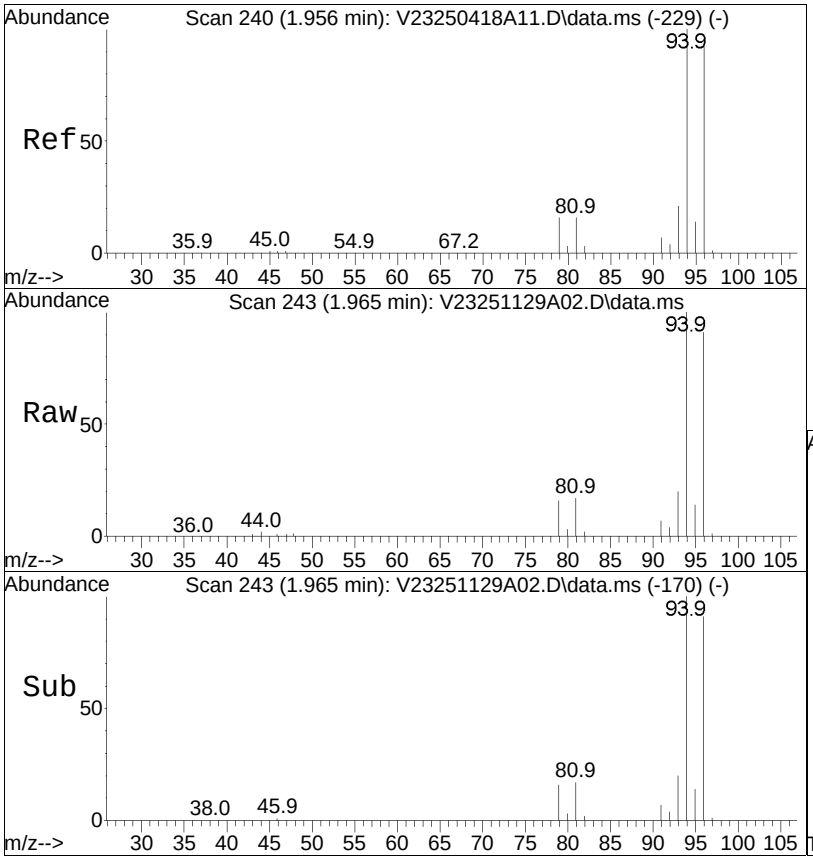


#4
Vinyl chloride
Concen: 54.77 ug/L M1
RT: 1.691 min Scan# 145
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 62 Resp: 147391

Ion	Ratio	Lower	Upper
62	100		
64	24.9	12.0	52.0

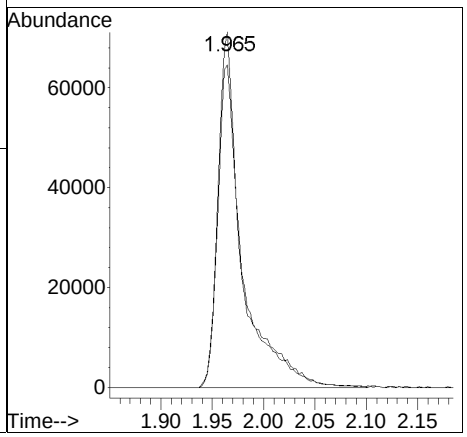


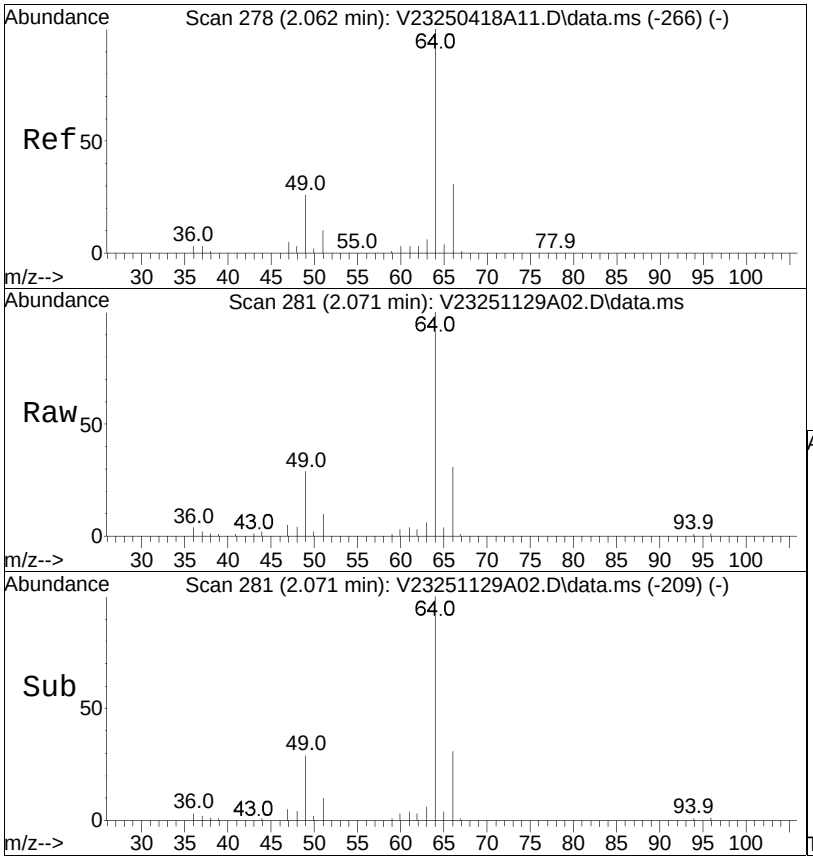


#5
Bromomethane
Concen: 67.79 ug/L
RT: 1.965 min Scan# 243
Delta R.T. 0.002 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 94 Resp: 116685

Ion	Ratio	Lower	Upper
94	100		
96	92.6	74.6	114.6

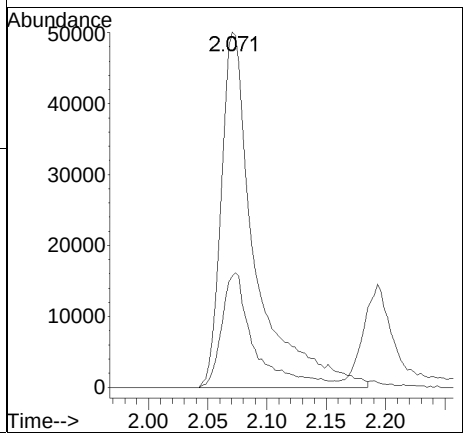


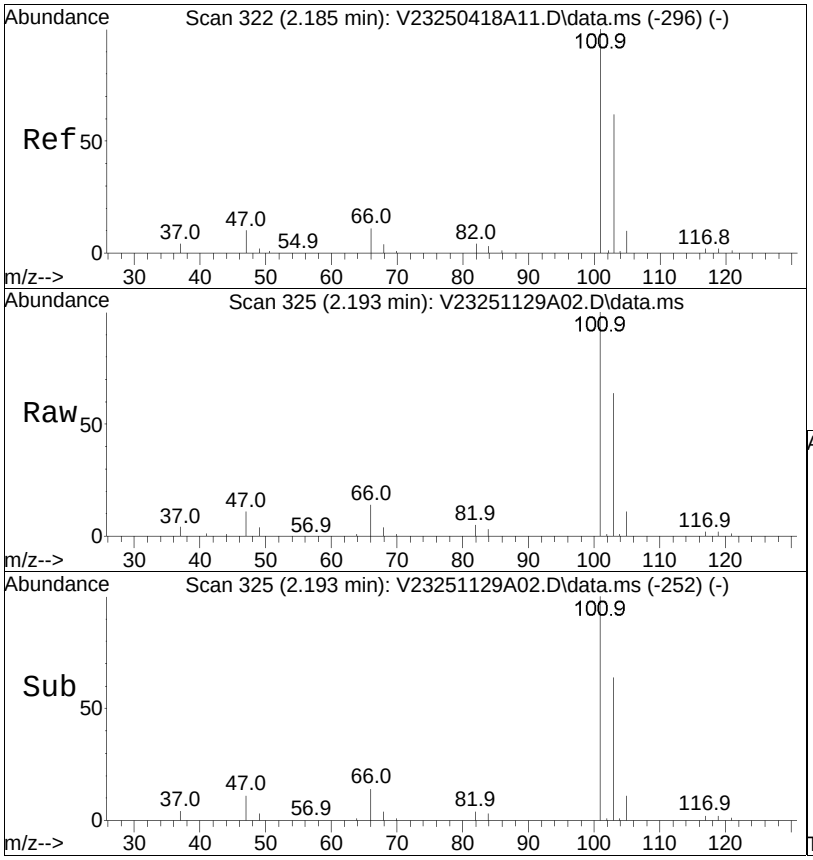


#6
Chloroethane
Concen: 53.71 ug/L
RT: 2.071 min Scan# 281
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 64 Resp: 100165

Ion	Ratio	Lower	Upper
64	100		
66	31.0	12.6	52.6

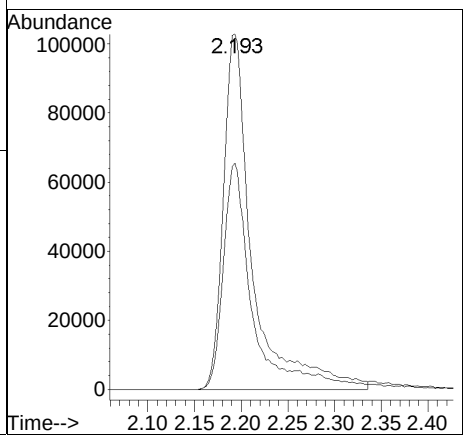


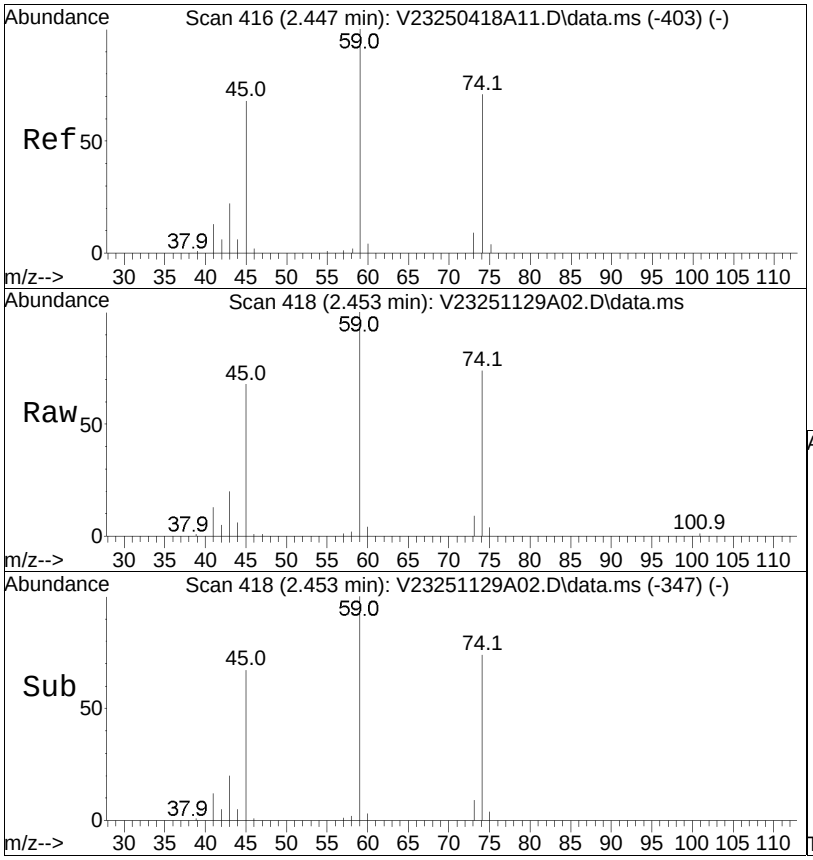


#7
Trichlorofluoromethane
Concen: 54.87 ug/L
RT: 2.193 min Scan# 325
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:101 Resp: 223343

Ion	Ratio	Lower	Upper
101	100		
103	57.4	51.4	77.2

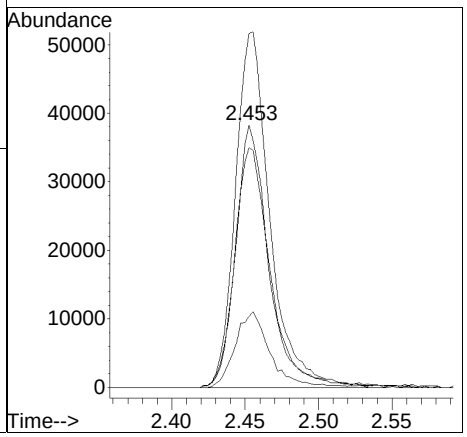


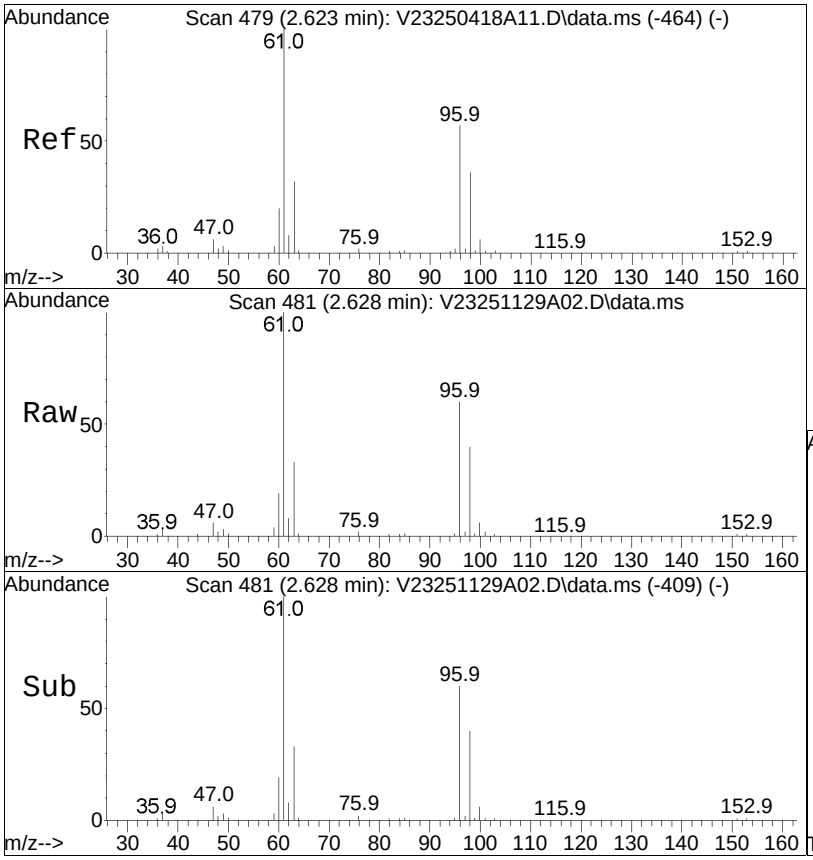


#8
Ethyl ether
Concen: 44.85 ug/L
RT: 2.453 min Scan# 418
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 74 Resp: 61046

Ion	Ratio	Lower	Upper
74	100		
59	138.9	84.3	175.1
45	95.5	55.4	115.2
43	29.9	15.9	32.9

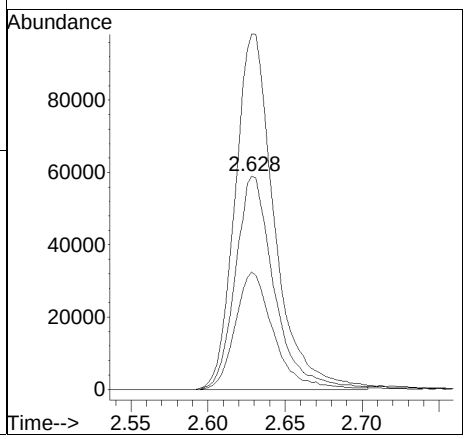


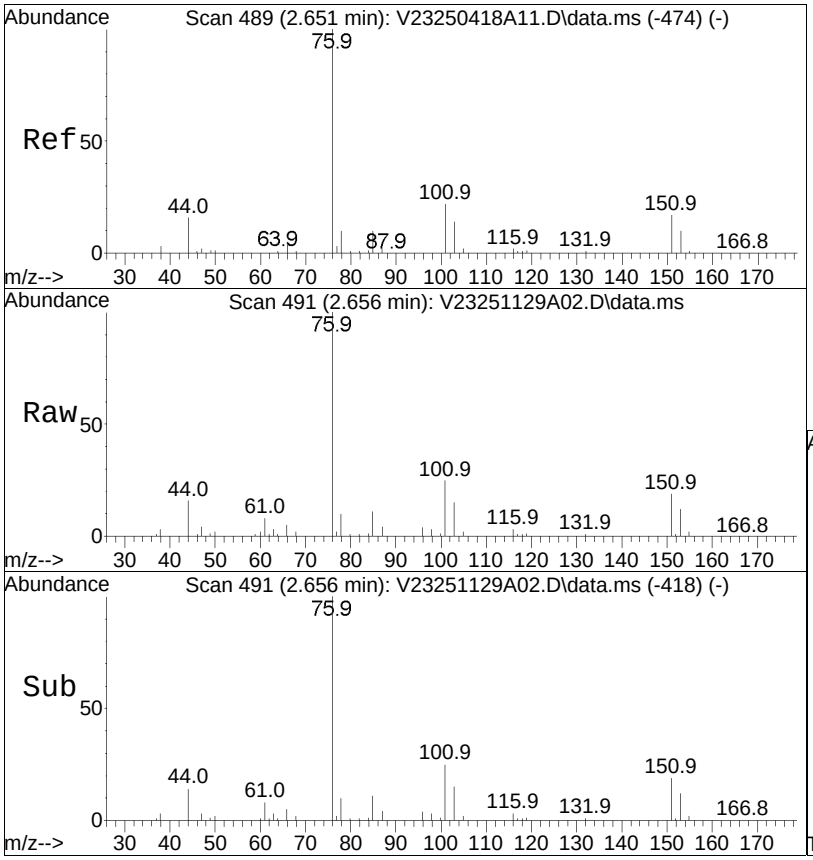


#10
1,1-Dichloroethene
Concen: 47.98 ug/L
RT: 2.628 min Scan# 481
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 96 Resp: 103323

Ion	Ratio	Lower	Upper
96	100		
61	170.6	124.5	186.7
63	54.9	40.7	61.1

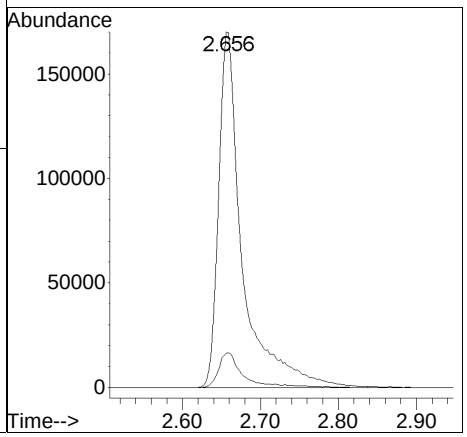


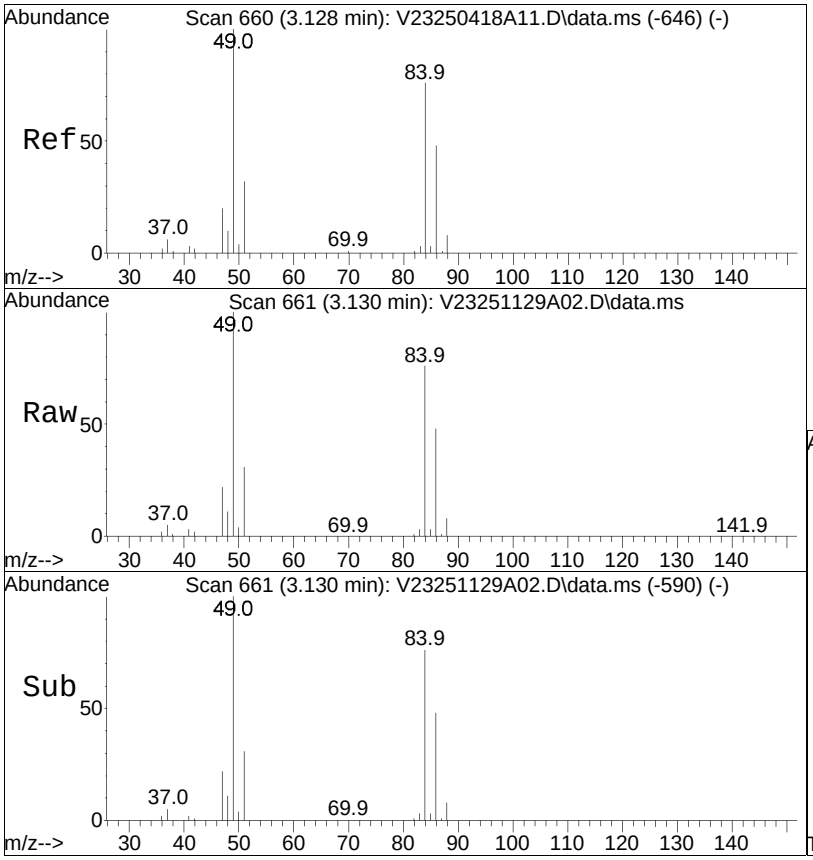


#11
Carbon disulfide
Concen: 45.46 ug/L
RT: 2.656 min Scan# 491
Delta R.T. 0.002 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 76 Resp: 360650

Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.7	13.9

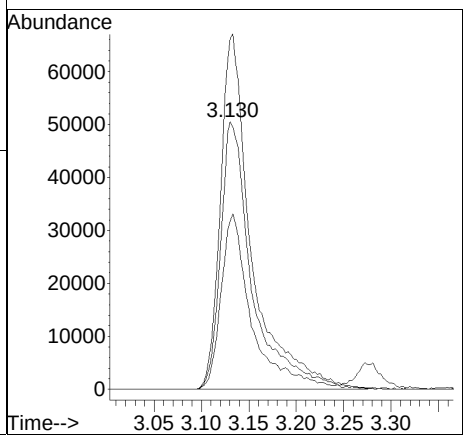


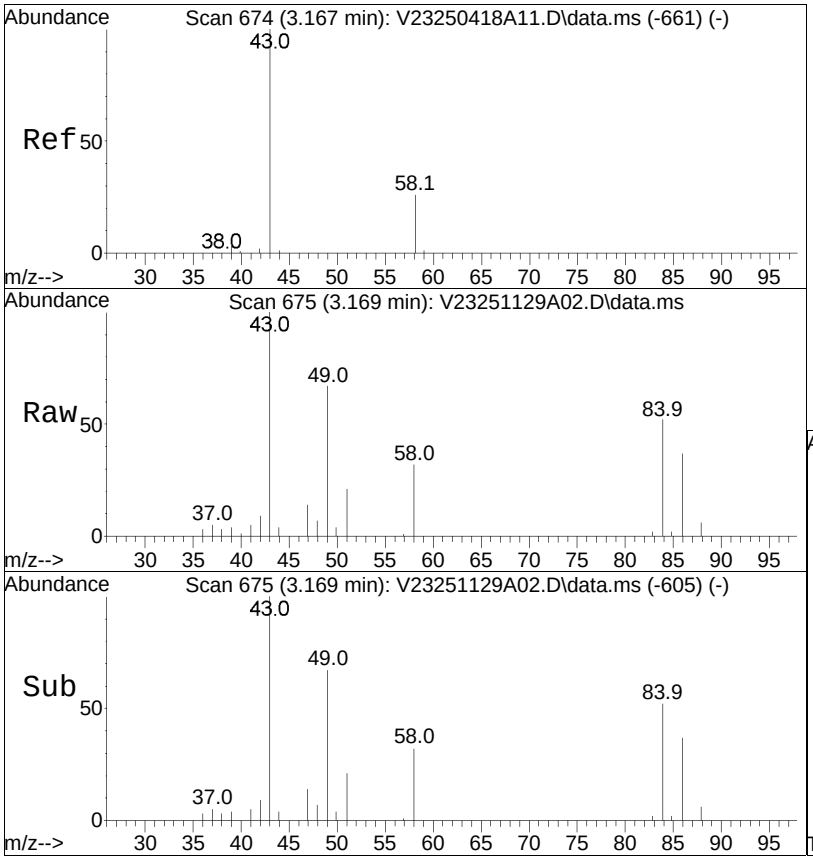


#15
Methylene chloride
Concen: 42.27 ug/L
RT: 3.130 min Scan# 661
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 84 Resp: 118163

Ion	Ratio	Lower	Upper
84	100		
86	63.7	42.0	87.2
49	129.5	74.0	153.6

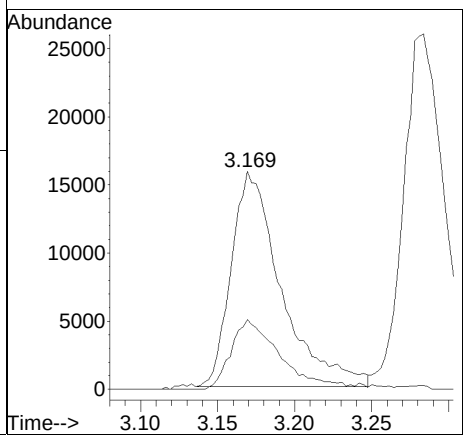


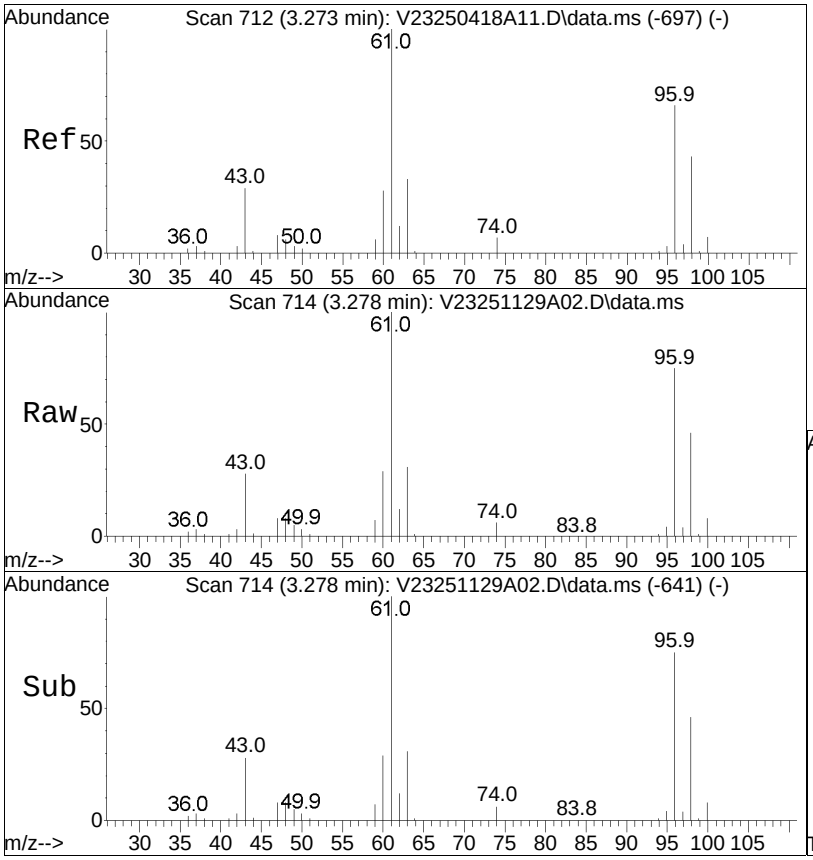


#17
Acetone
Concen: 54.72 ug/L
RT: 3.169 min Scan# 675
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 43 Resp: 35636

Ion	Ratio	Lower	Upper
43	100		
58	31.9	28.2	42.4

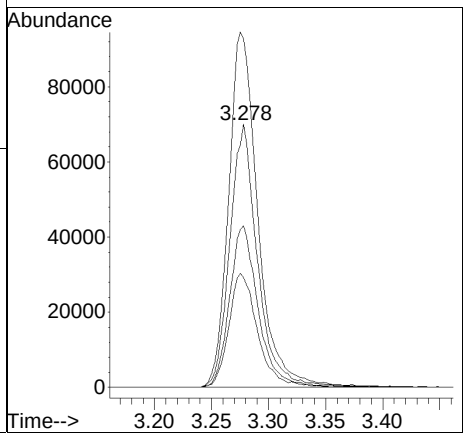


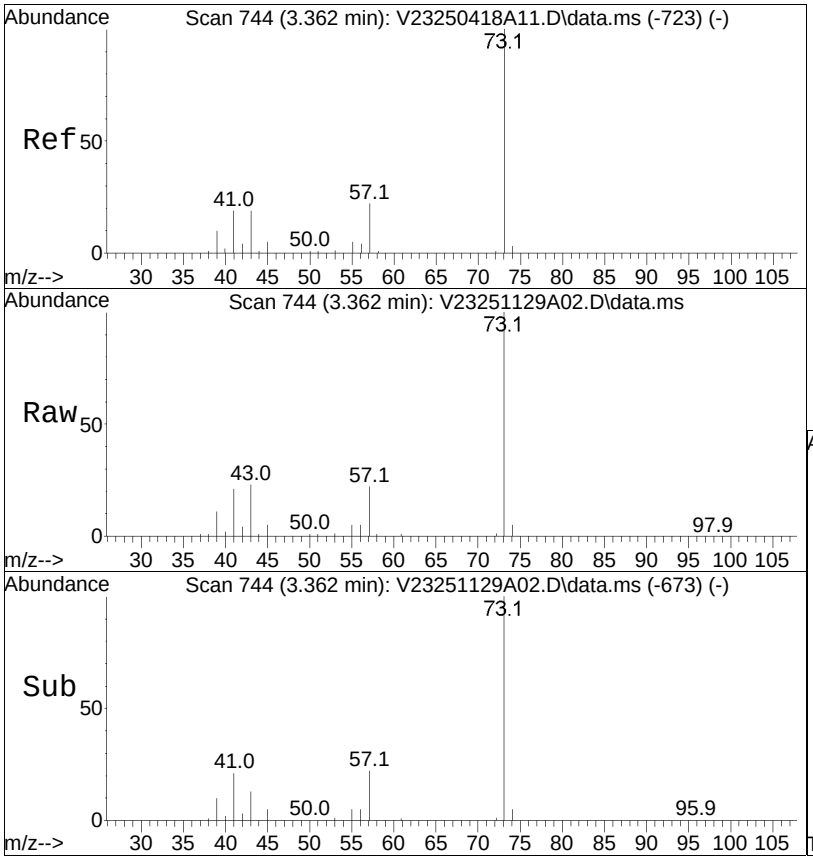


#18
trans-1,2-Dichloroethene
Concen: 47.38 ug/L
RT: 3.278 min Scan# 714
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 96 Resp: 119281

Ion	Ratio	Lower	Upper
96	100		
61	141.3	87.3	181.3
98	63.2	41.1	85.5
63	44.9	28.3	58.7

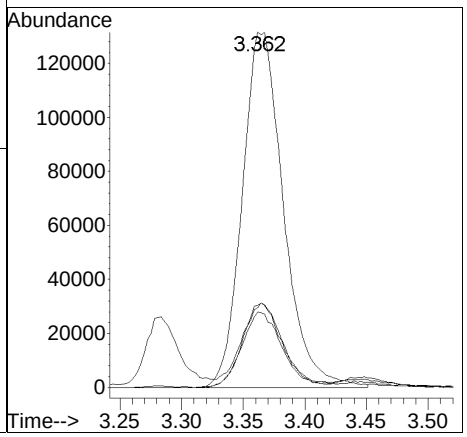


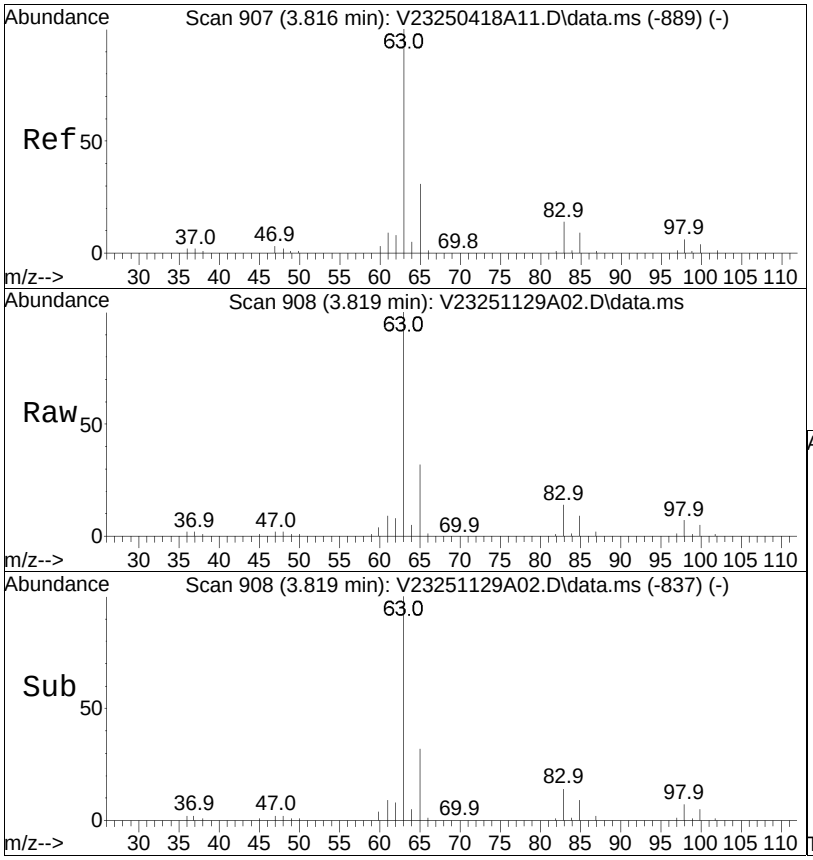


#20
Methyl tert-butyl ether
Concen: 42.64 ug/L
RT: 3.362 min Scan# 744
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 73 Resp: 306072

Ion	Ratio	Lower	Upper
73	100		
57	22.8	14.2	29.4
43	22.8	12.4	25.7
41	20.9	11.6	24.0

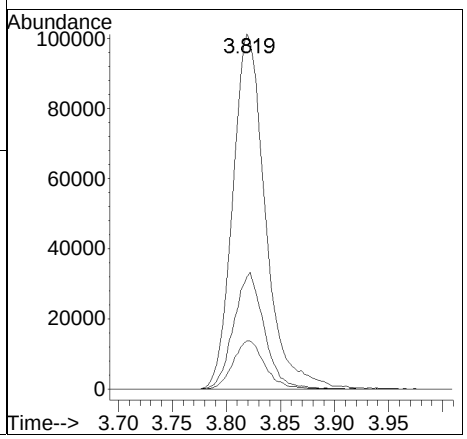


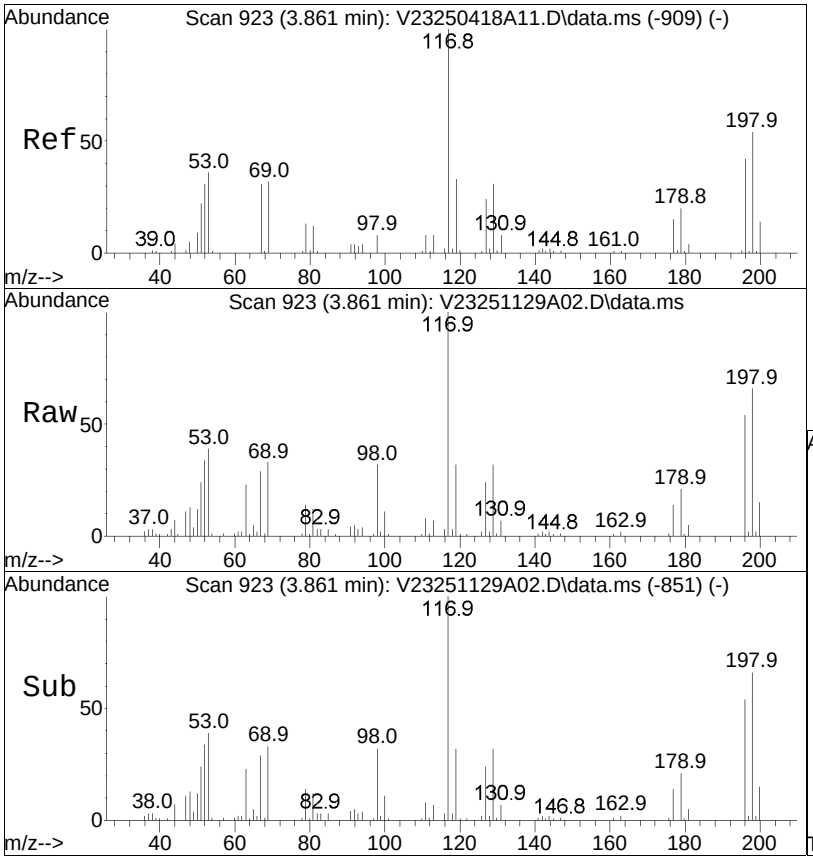


#23
1,1-Dichloroethane
Concen: 46.23 ug/L
RT: 3.819 min Scan# 908
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 63 Resp: 214012

Ion	Ratio	Lower	Upper
63	100		
65	30.8	11.1	51.1
83	13.4	0.0	33.3

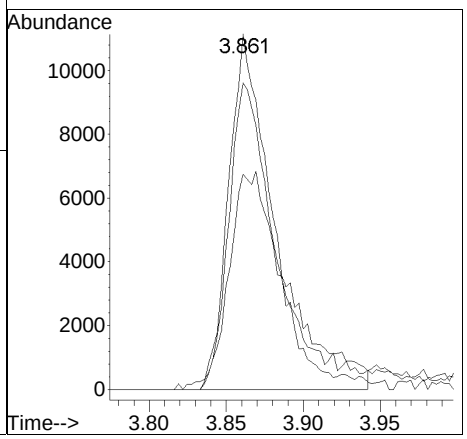


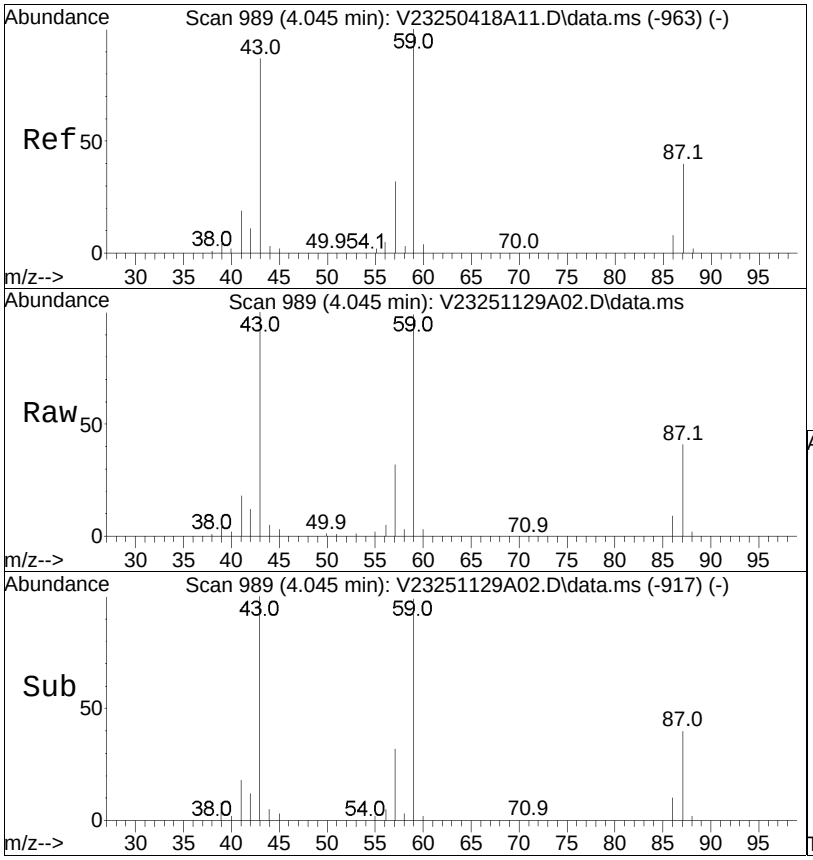


#25
Acrylonitrile
Concen: 43.11 ug/L
RT: 3.861 min Scan# 923
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 53 Resp: 24056

Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.1	100.7
51	65.1	38.5	57.7#

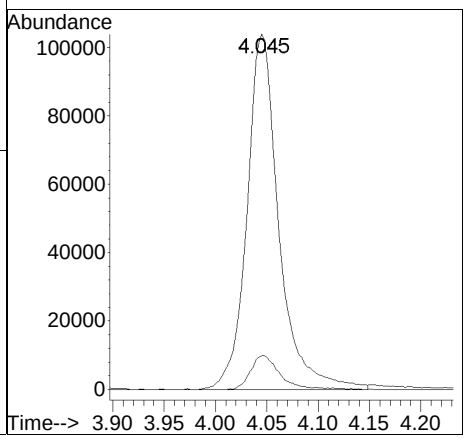


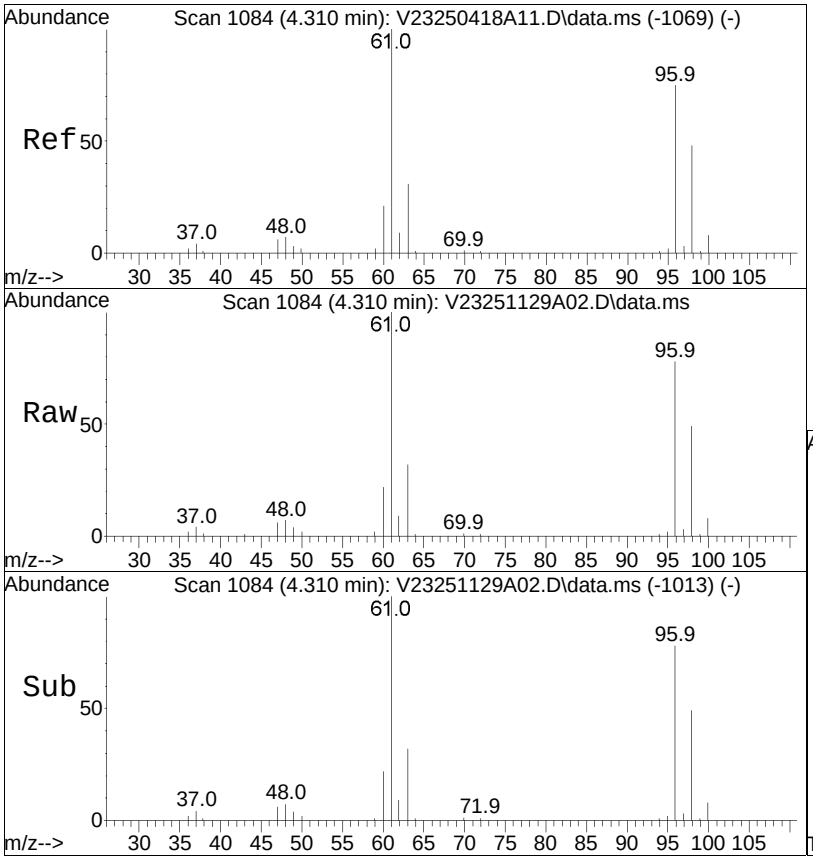


#27
Vinyl acetate
Concen: 42.03 ug/L
RT: 4.045 min Scan# 989
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 43 Resp: 225038

Ion	Ratio	Lower	Upper
43	100		
86	8.6	8.6	12.8

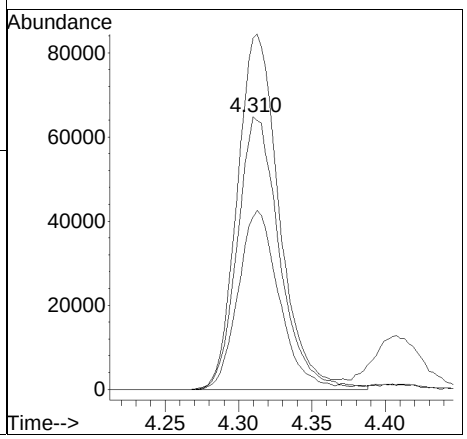


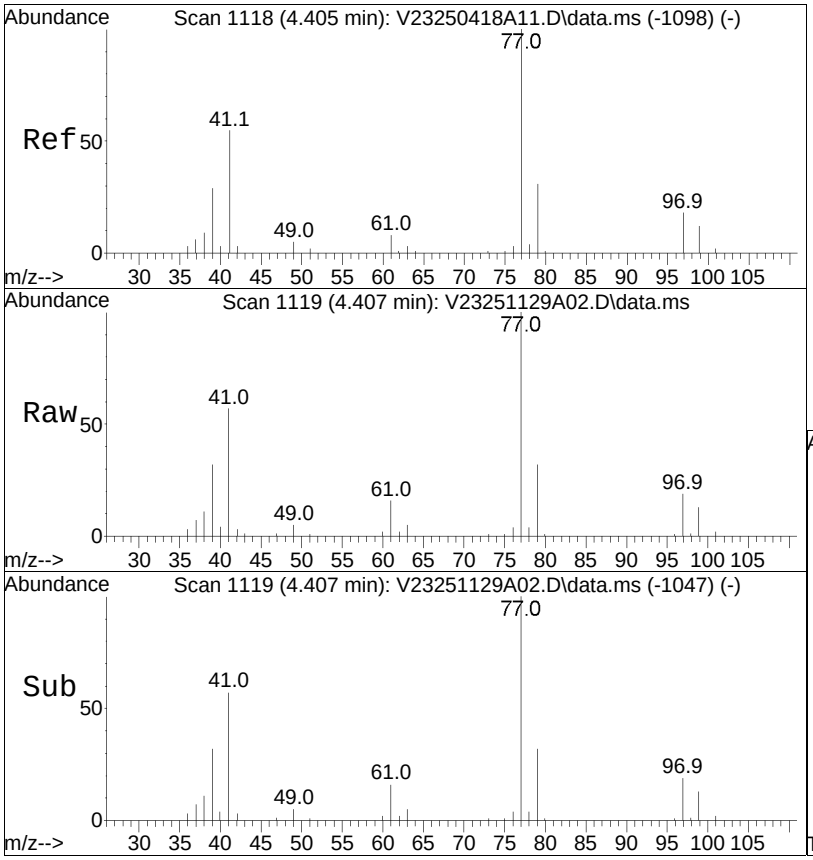


#28
cis-1,2-Dichloroethene
Concen: 44.81 ug/L
RT: 4.310 min Scan# 1084
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 96 Resp: 129289

Ion	Ratio	Lower	Upper
96	100		
61	129.4	98.2	147.2
98	64.4	51.0	76.6

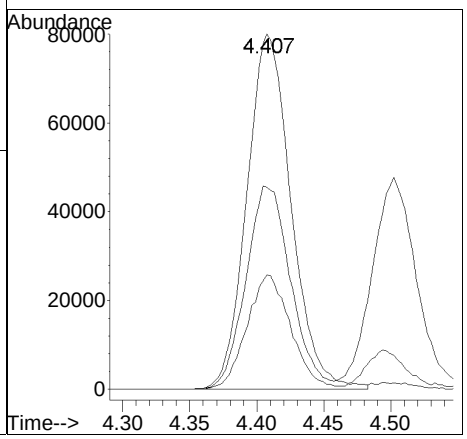


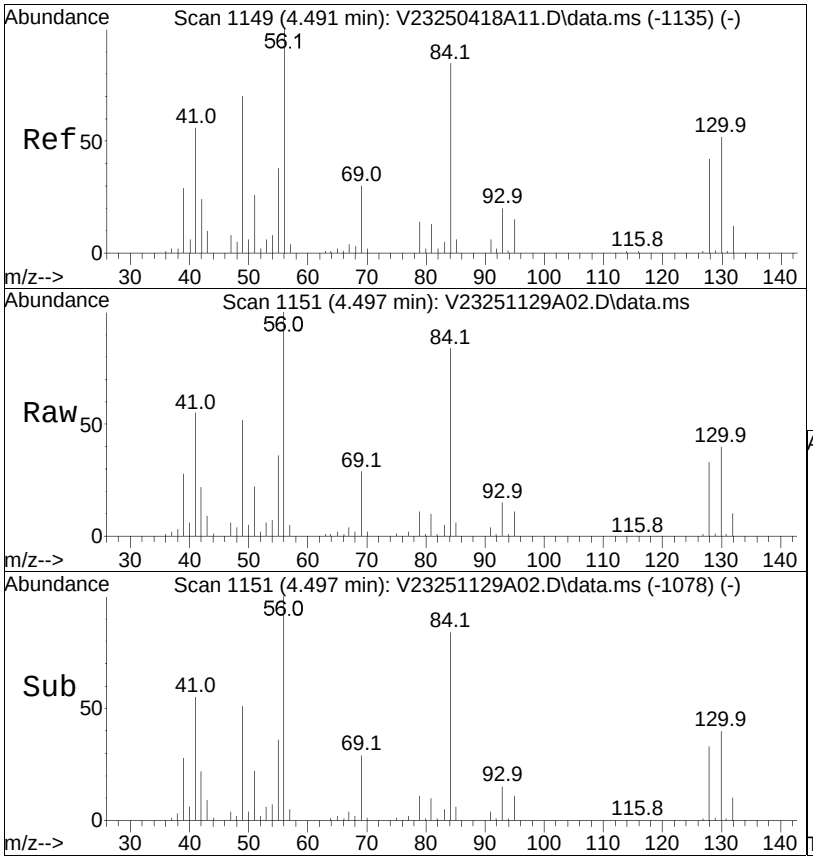


#29
2,2-Dichloropropane
Concen: 48.34 ug/L
RT: 4.407 min Scan# 1119
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 77 Resp: 184173

Ion	Ratio	Lower	Upper
77	100		
41	58.0	31.1	64.7
79	32.0	20.7	43.1

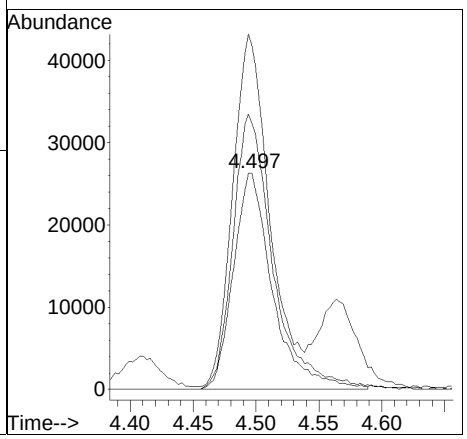


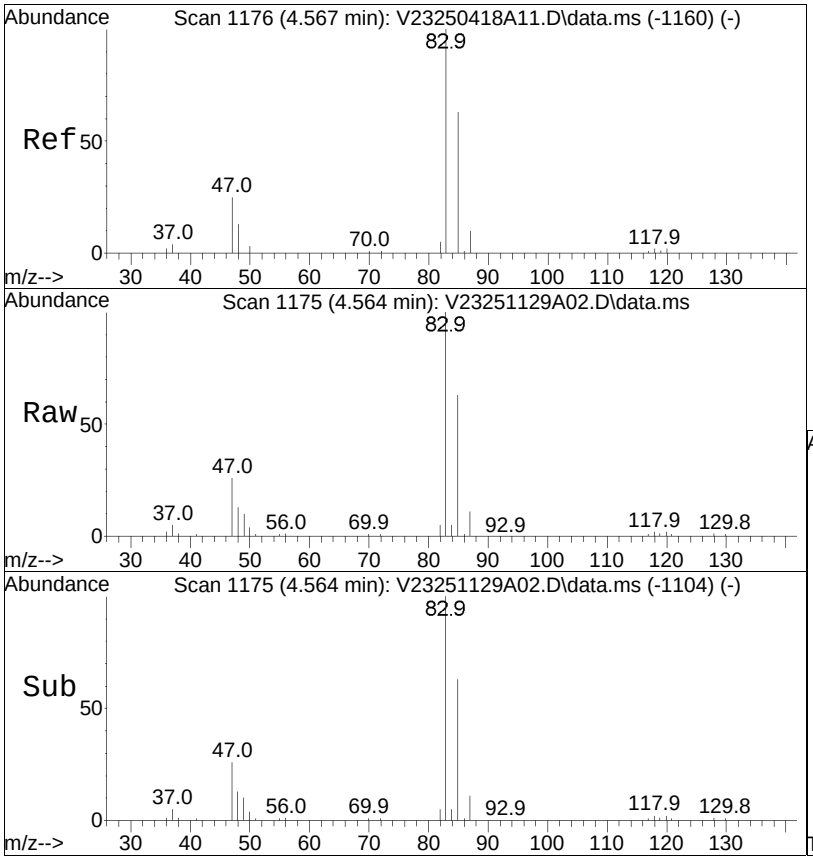


#30
Bromochloromethane
Concen: 44.38 ug/L
RT: 4.497 min Scan# 1151
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:128 Resp: 57179

Ion	Ratio	Lower	Upper
128	100		
49	153.2	117.6	176.4
130	130.1	103.8	155.8

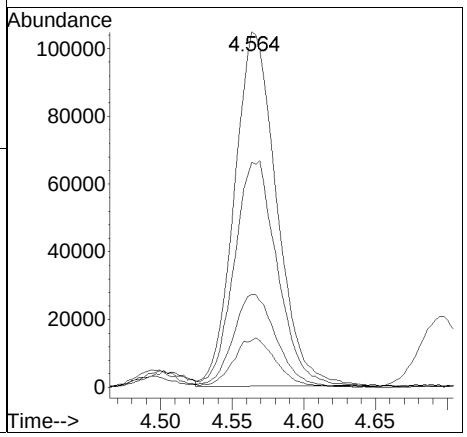


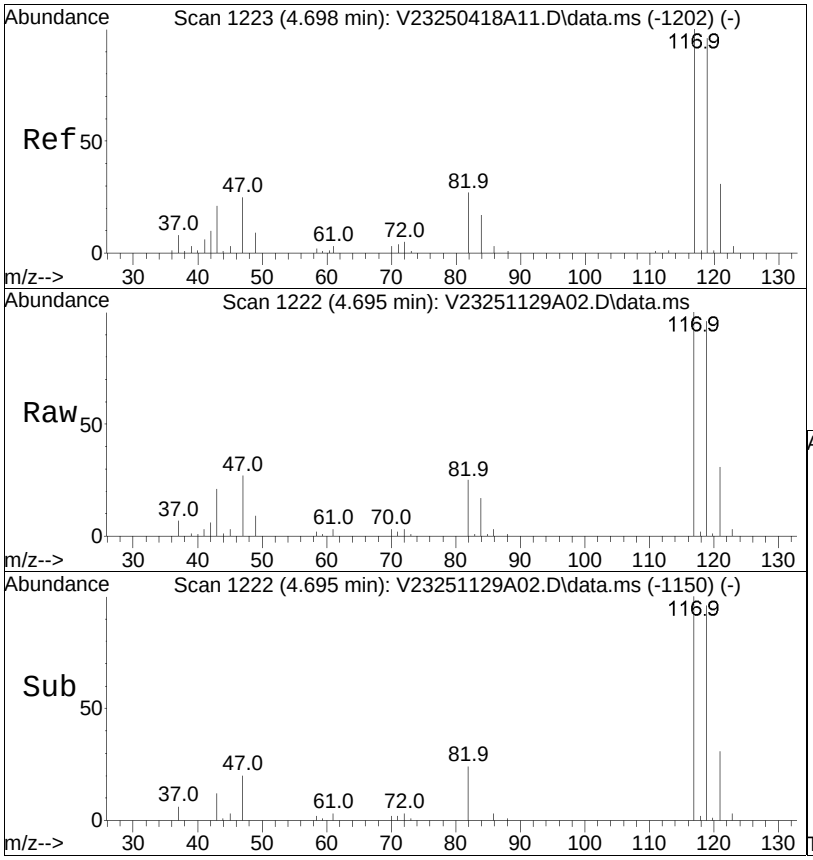


#32
Chloroform
Concen: 37.91 ug/L
RT: 4.564 min Scan# 1175
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 83 Resp: 214639

Ion	Ratio	Lower	Upper
83	100		
85	65.4	42.1	87.3
47	26.7	14.0	29.2
48	13.7	7.2	14.9

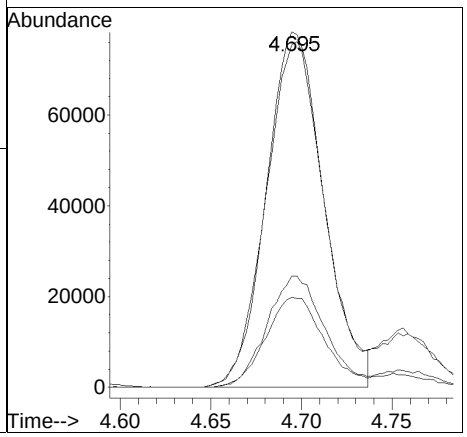


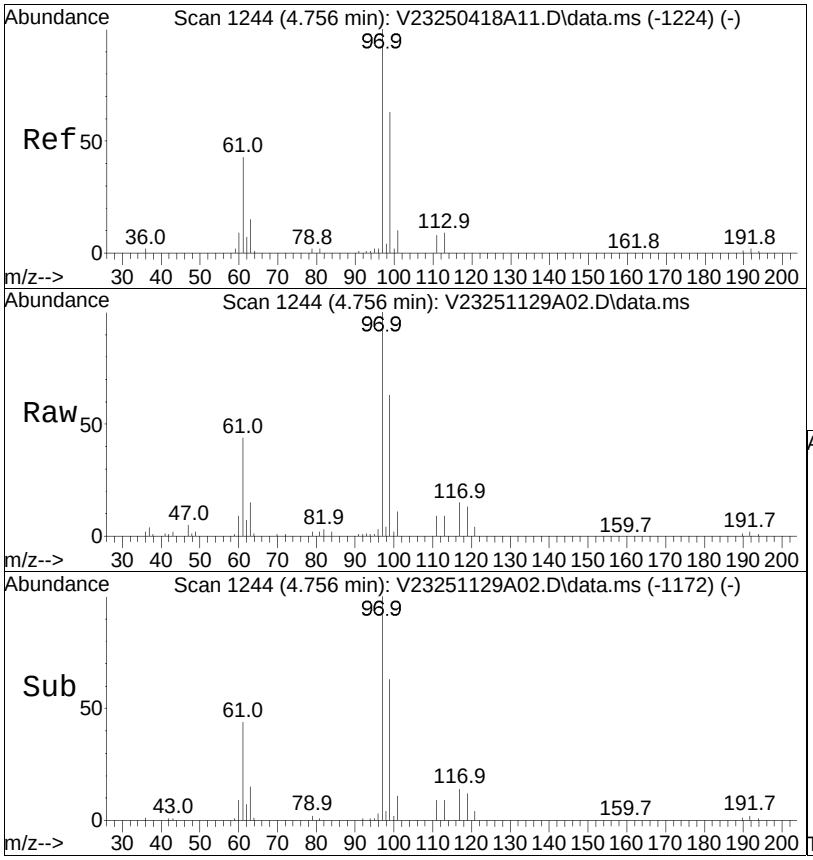


#34
Carbon tetrachloride
Concen: 47.51 ug/L
RT: 4.695 min Scan# 1222
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:117 Resp: 174278

Ion	Ratio	Lower	Upper
117	100		
119	96.5	62.7	130.3
121	31.2	20.3	42.1
82	25.8	16.4	34.2

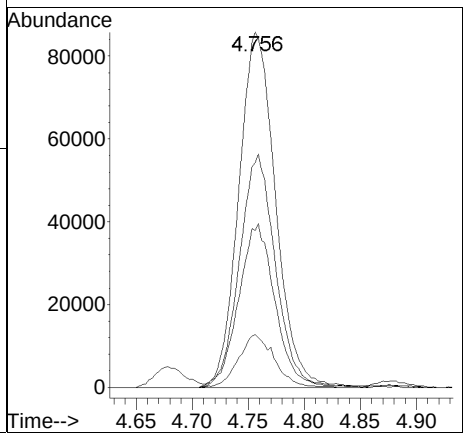


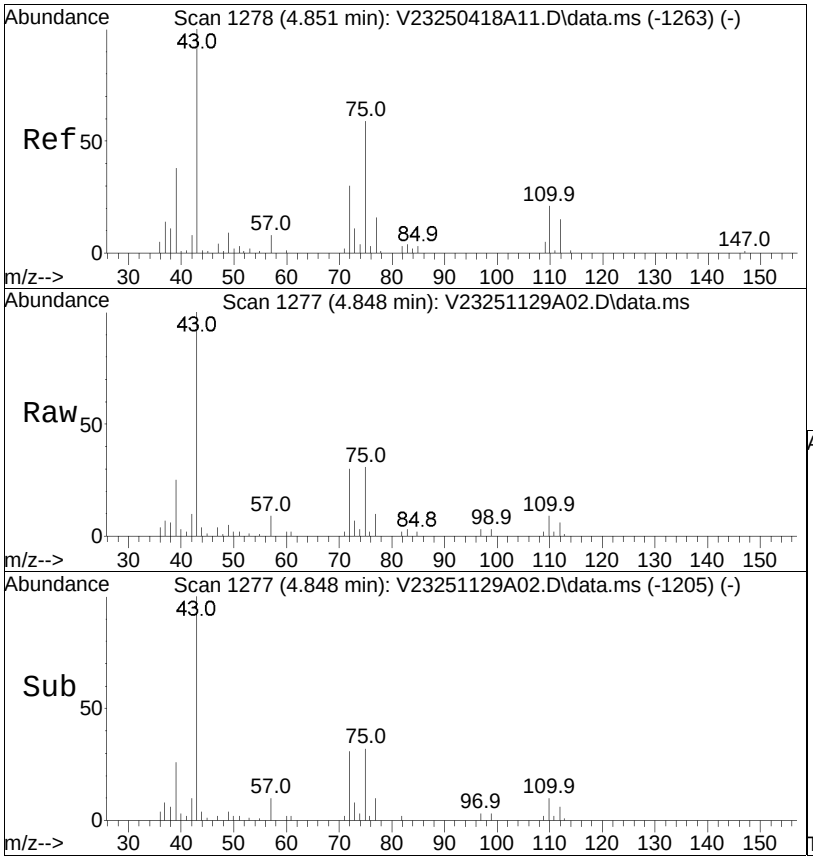


#37
1,1,1-Trichloroethane
Concen: 50.27 ug/L
RT: 4.756 min Scan# 1244
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 97 Resp: 196779

Ion	Ratio	Lower	Upper
97	100		
99	63.9	41.5	86.3
61	45.5	27.4	57.0
63	14.4	9.0	18.6

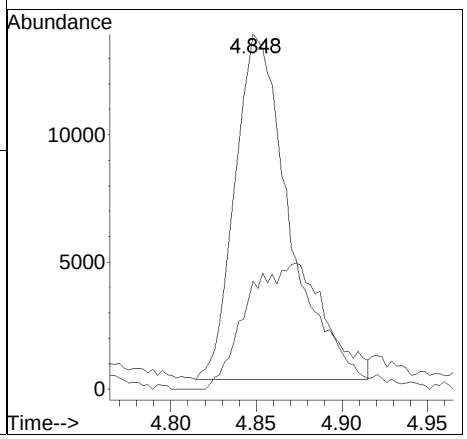


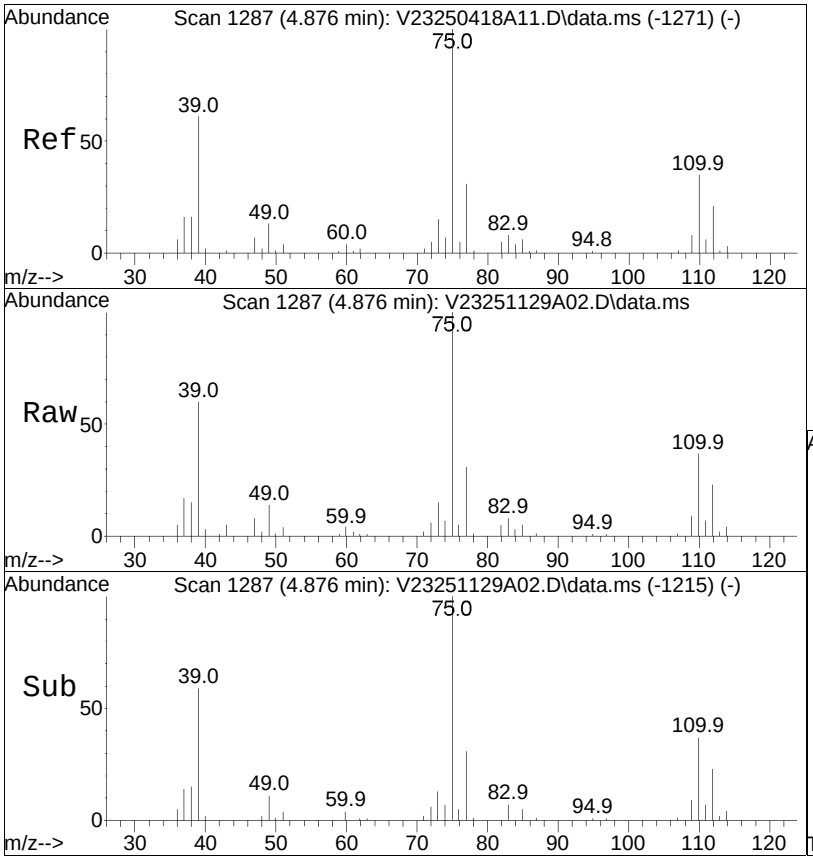


#39
2-Butanone
Concen: 38.40 ug/L
RT: 4.848 min Scan# 1277
Delta R.T. 0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 43 Resp: 30178

Ion	Ratio	Lower	Upper
43	100		
72	17.4	30.4	45.6#

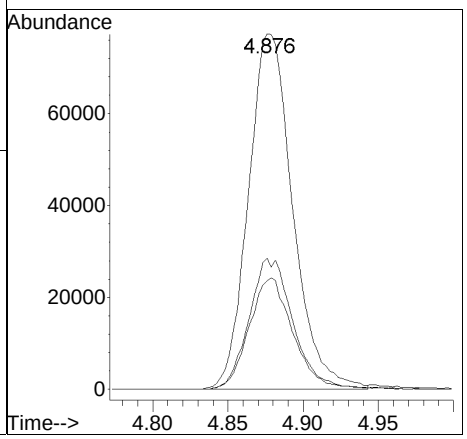


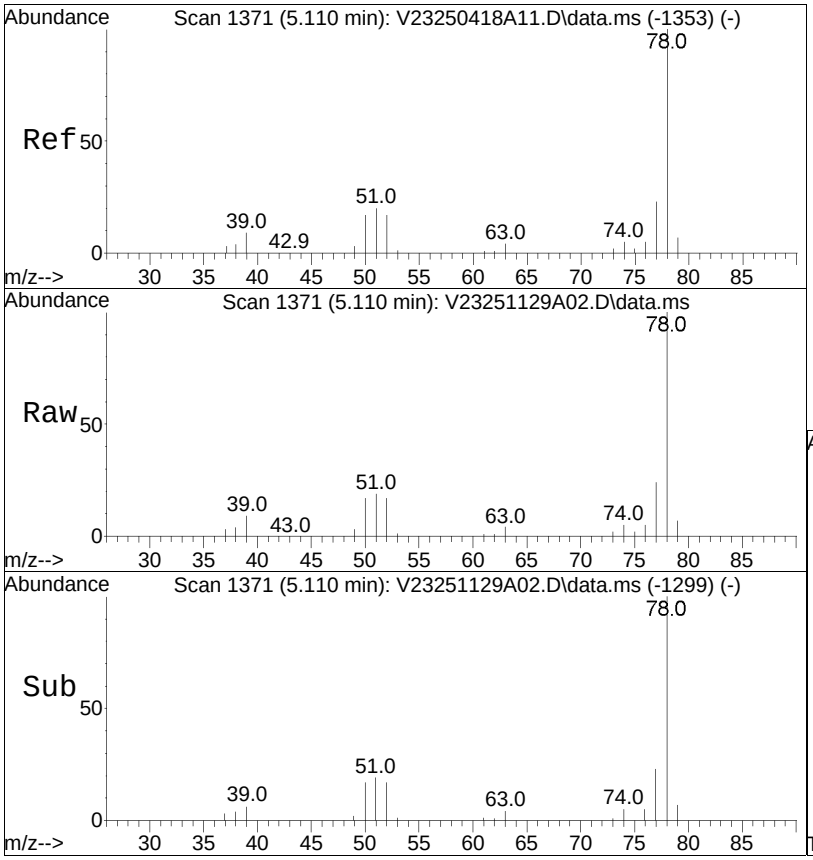


#40
1,1-Dichloropropene
Concen: 52.24 ug/L
RT: 4.876 min Scan# 1287
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 75 Resp: 159213

Ion	Ratio	Lower	Upper
75	100		
110	36.7	23.6	49.0
77	30.9	20.4	42.4

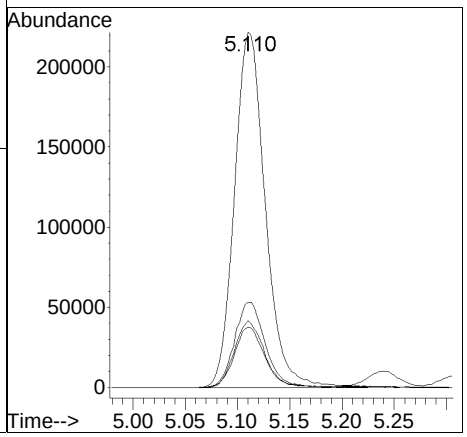


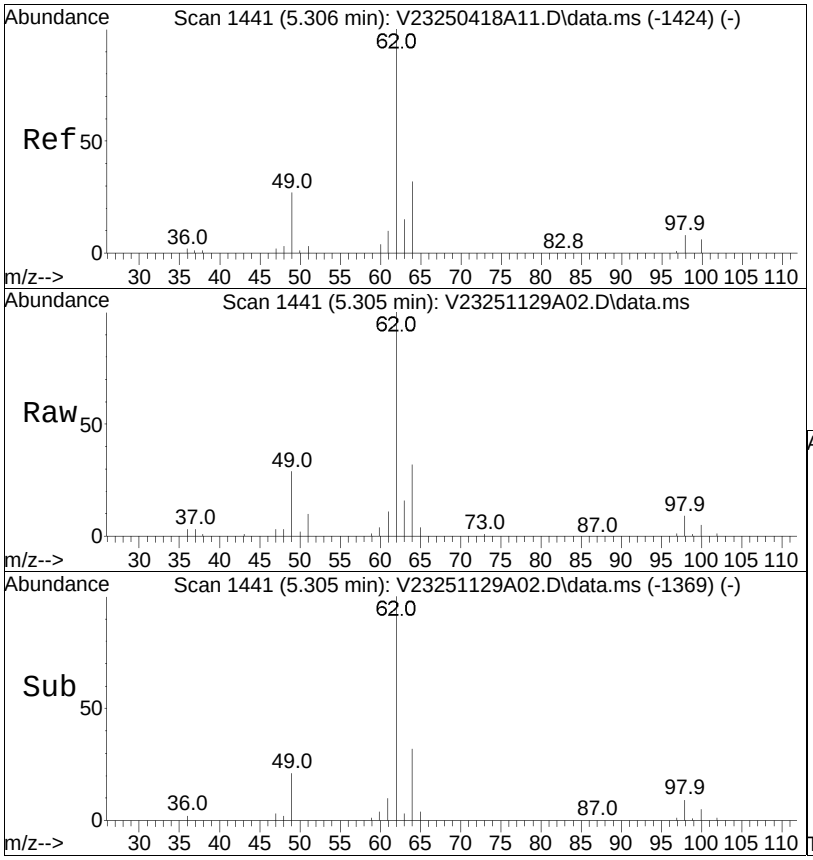


#41
Benzene
Concen: 47.20 ug/L
RT: 5.110 min Scan# 1371
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 78 Resp: 455294

Ion	Ratio	Lower	Upper
78	100		
77	24.0	15.7	32.5
51	18.3	9.9	20.5
52	16.7	9.5	19.7

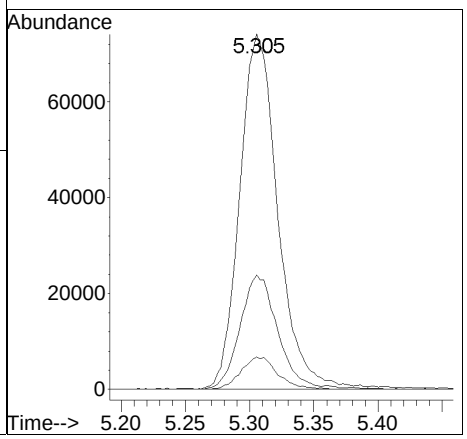


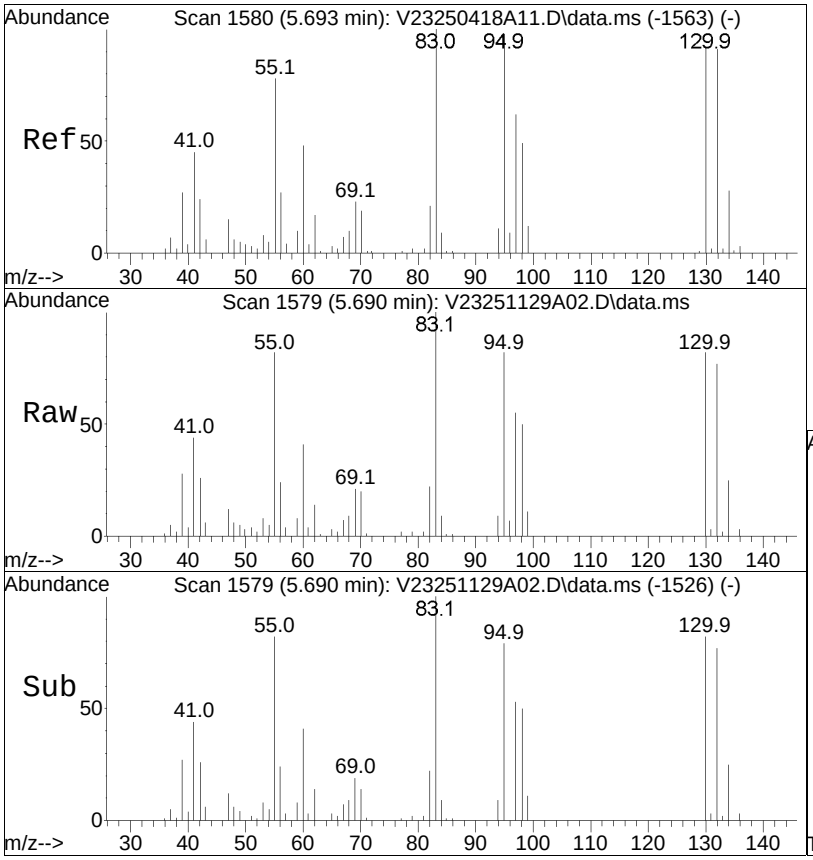


#44
1,2-Dichloroethane
Concen: 43.65 ug/L
RT: 5.305 min Scan# 1441
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 62 Resp: 153592

Ion	Ratio	Lower	Upper
62	100		
64	31.5	12.7	52.7
98	8.8	0.0	29.7

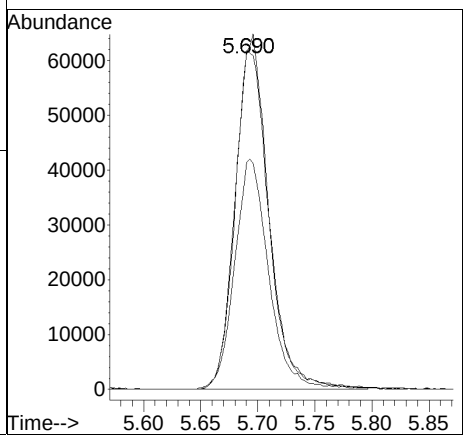


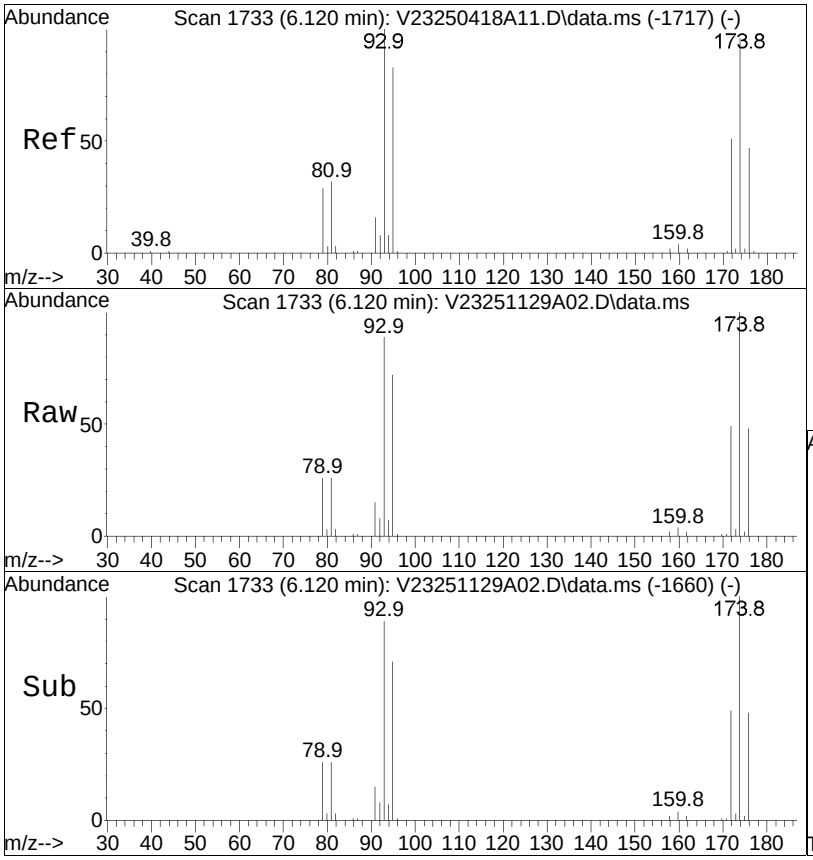


#48
Trichloroethene
Concen: 48.72 ug/L
RT: 5.690 min Scan# 1579
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 95 Resp: 129000

Ion	Ratio	Lower	Upper
95	100		
97	67.2	54.3	81.5
130	101.1	82.2	123.2

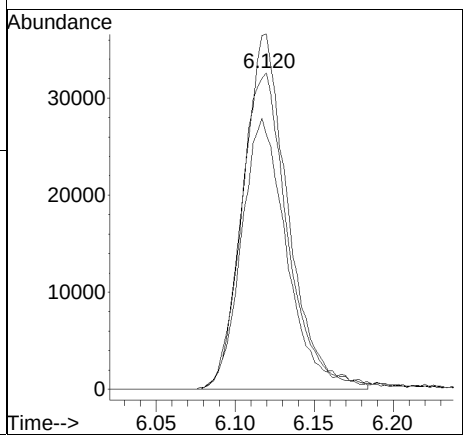


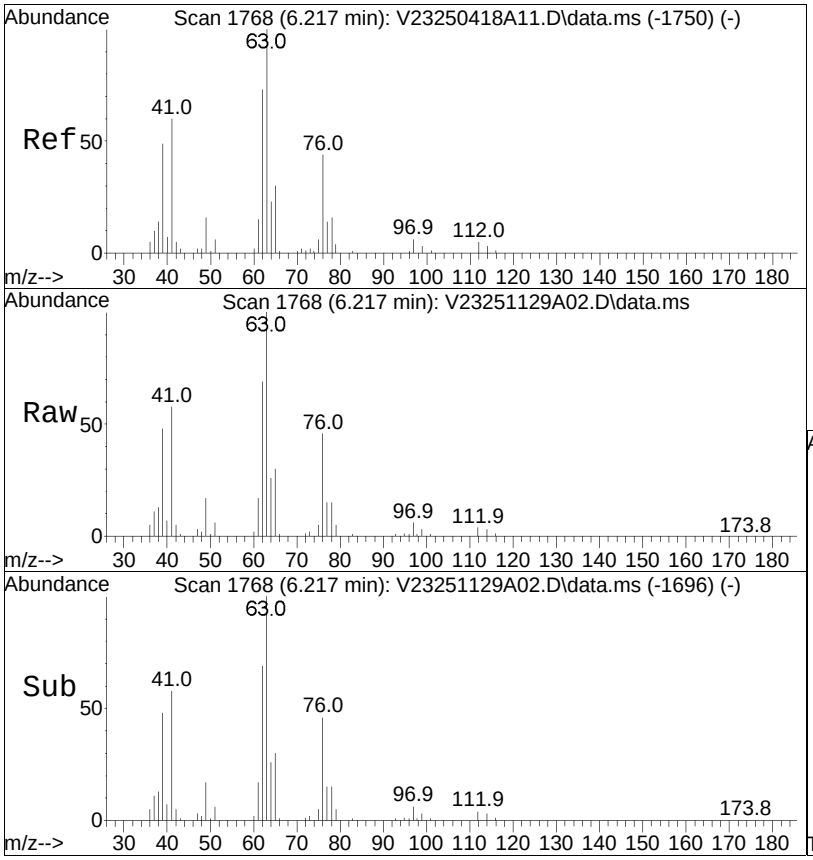


#50
Dibromomethane
Concen: 42.47 ug/L
RT: 6.120 min Scan# 1733
Delta R.T. 0.002 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 93 Resp: 66818

Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.1	99.1
174	109.9	84.2	126.2

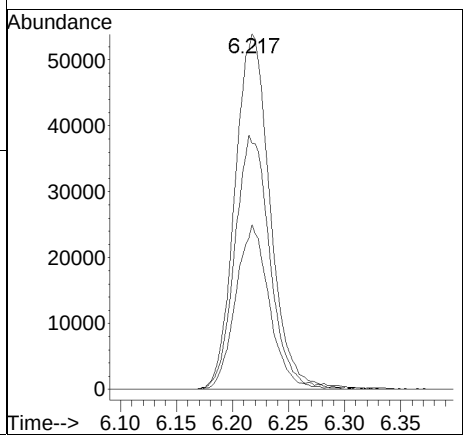


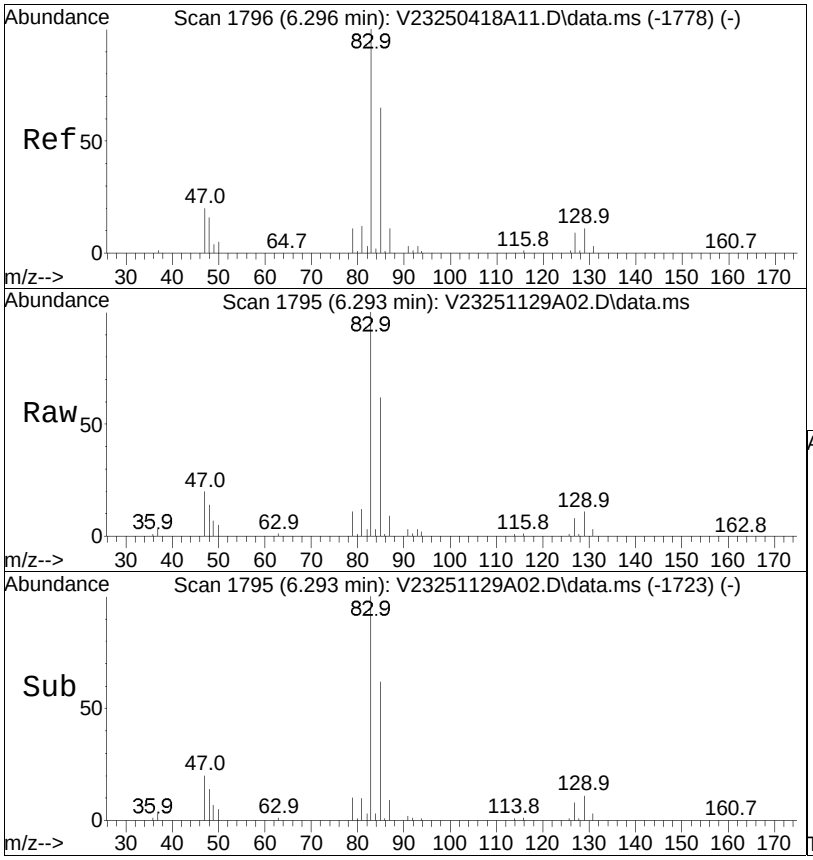


#51
1,2-Dichloropropane
Concen: 44.58 ug/L
RT: 6.217 min Scan# 1768
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 63 Resp: 118374

Ion	Ratio	Lower	Upper
63	100		
62	70.8	56.9	85.3
76	44.2	35.0	52.4

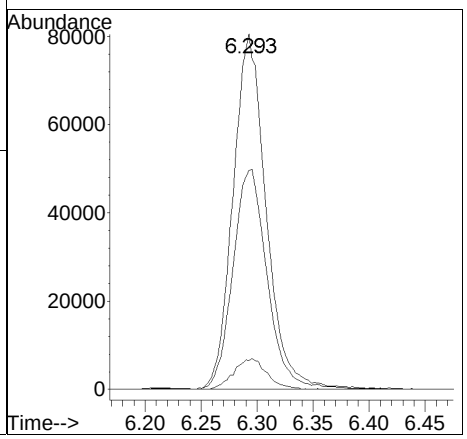


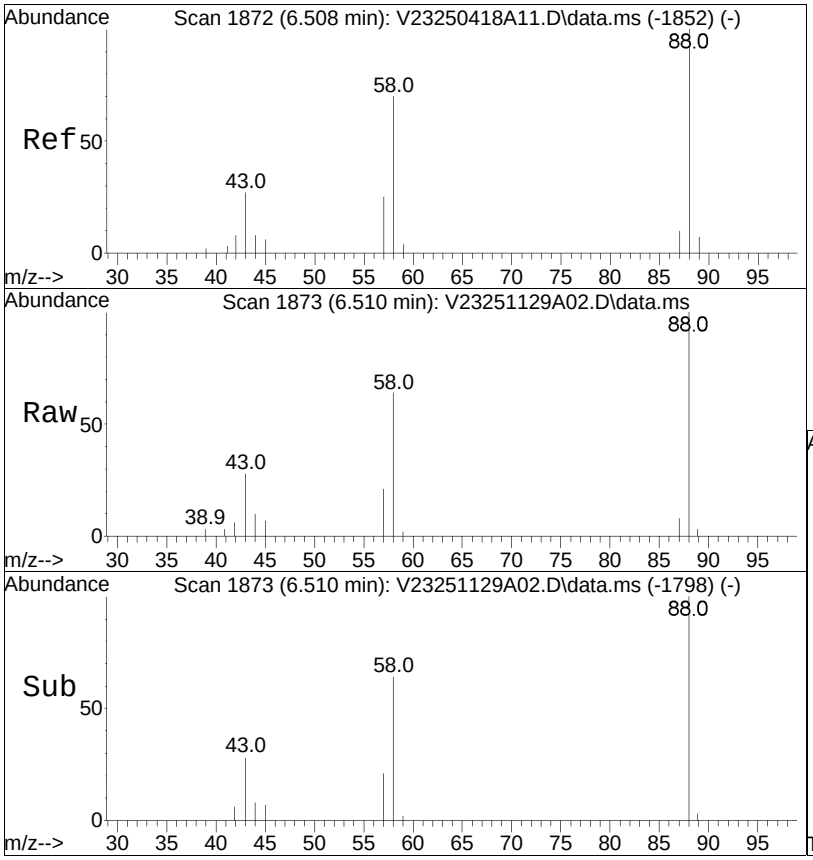


#54
Bromodichloromethane
Concen: 44.53 ug/L
RT: 6.293 min Scan# 1795
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 83 Resp: 166021

Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.3	76.9
127	8.7	6.5	9.7

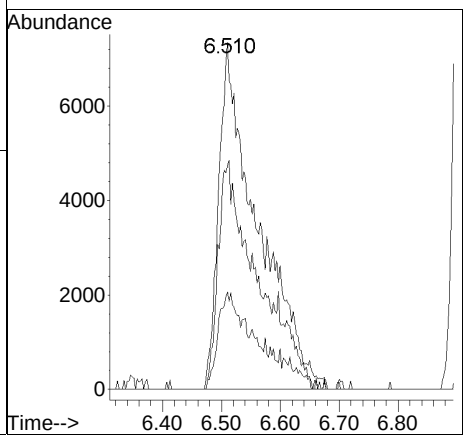


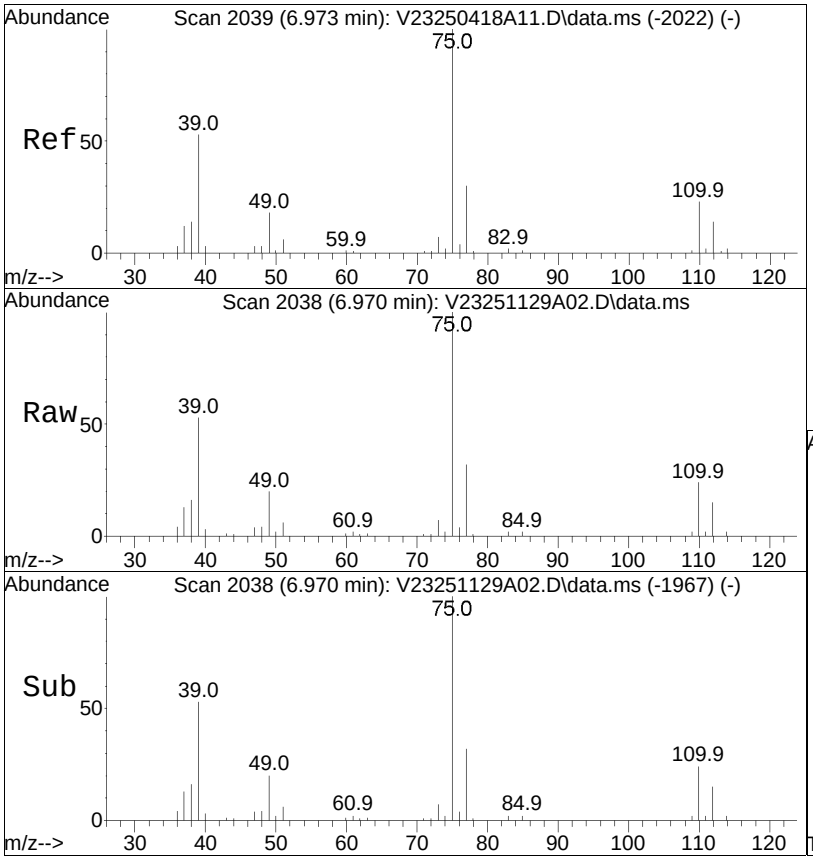


#57
1,4-Dioxane
Concen: 2184.16 ug/L M1
RT: 6.510 min Scan# 1873
Delta R.T. 0.008 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 88 Resp: 33634

Ion	Ratio	Lower	Upper
88	100		
58	40.9	50.2	75.2#
43	14.0	19.1	28.7#

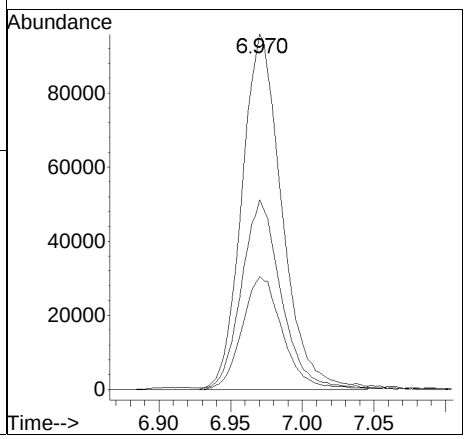


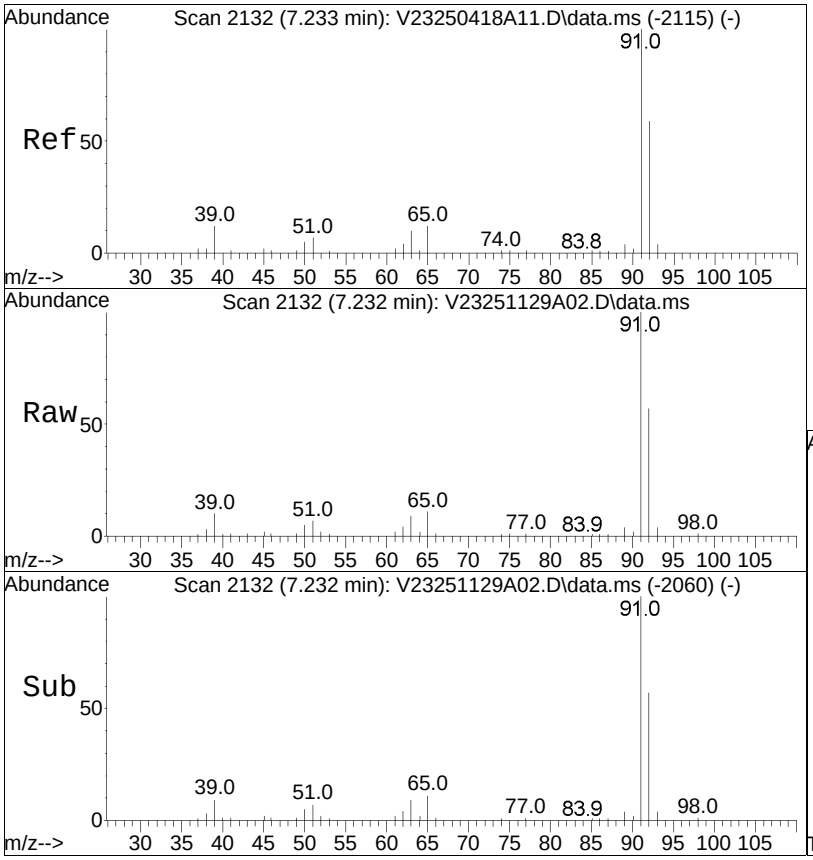


#58
cis-1,3-Dichloropropene
Concen: 45.51 ug/L
RT: 6.970 min Scan# 2038
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 75 Resp: 186679

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.9	38.9
39	51.1	34.5	51.7

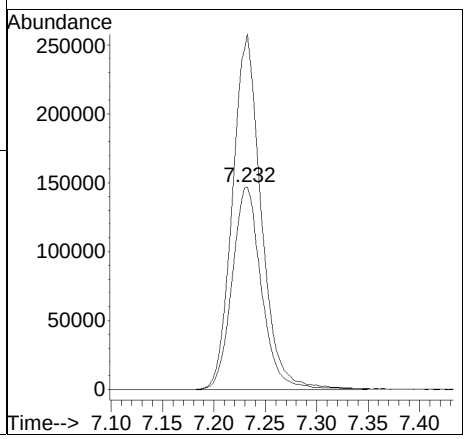


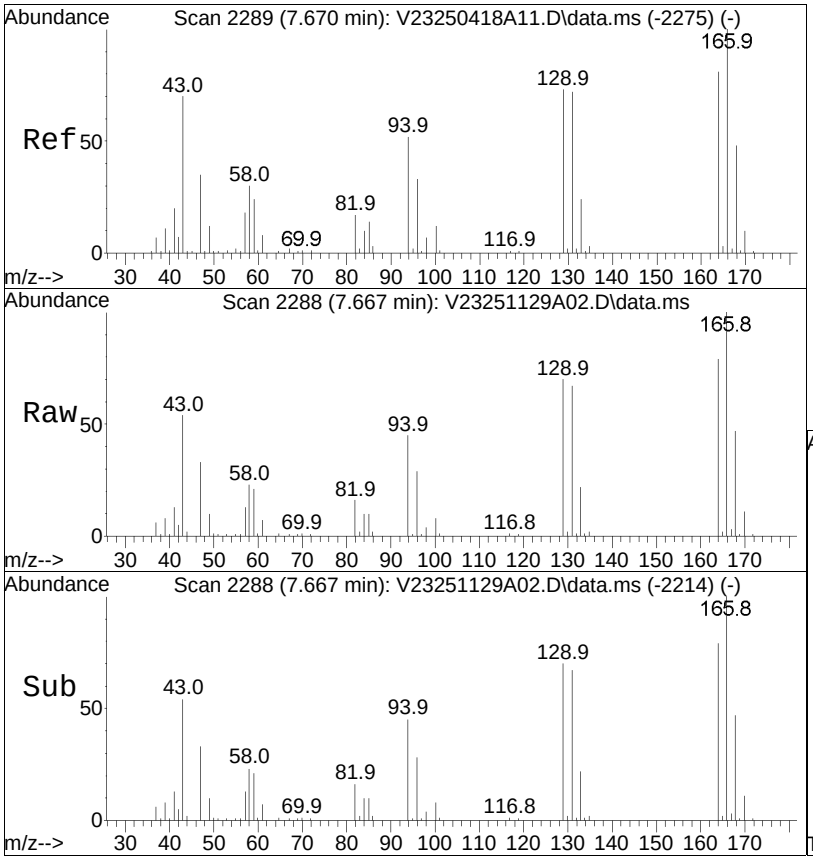


#61
Toluene
Concen: 44.46 ug/L
RT: 7.232 min Scan# 2132
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 92 Resp: 292568

Ion	Ratio	Lower	Upper
92	100		
91	171.4	136.4	204.6

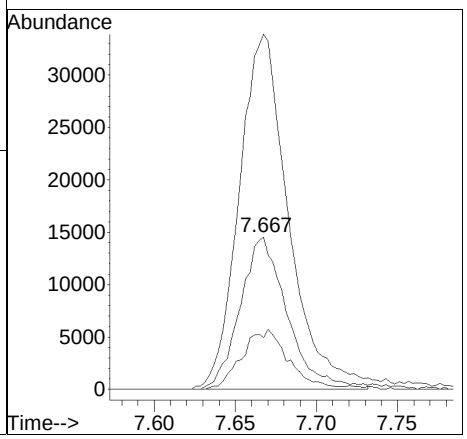


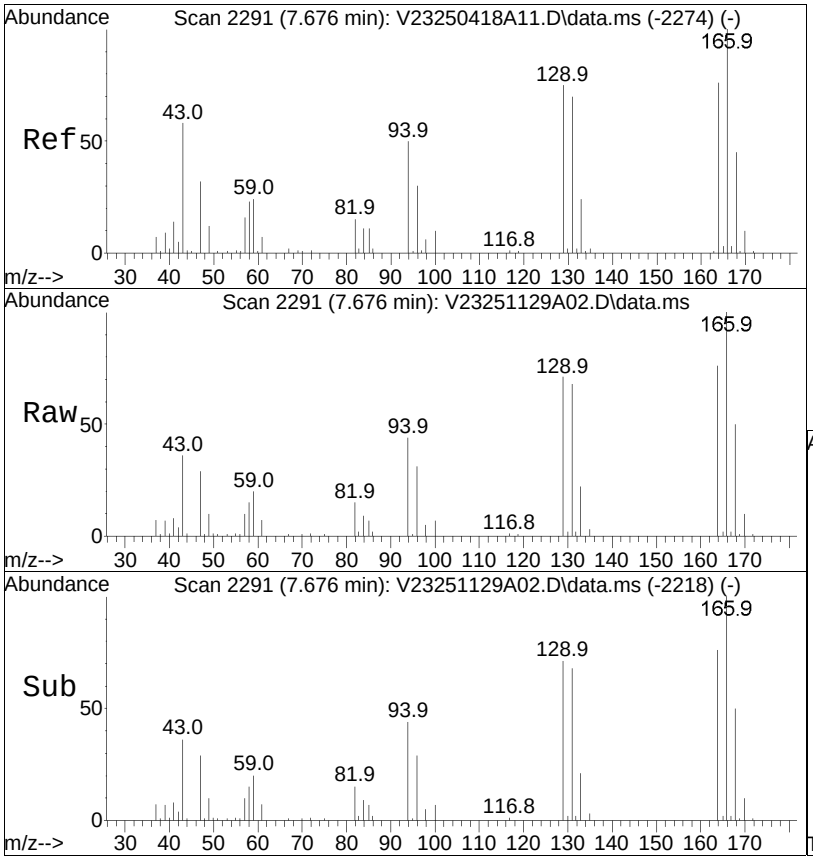


#62
4-Methyl-2-pentanone
Concen: 42.03 ug/L
RT: 7.667 min Scan# 2288
Delta R.T. 0.005 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 58 Resp: 29446

Ion	Ratio	Lower	Upper
58	100		
100	38.8	33.1	49.7
43	246.9	179.0	268.6

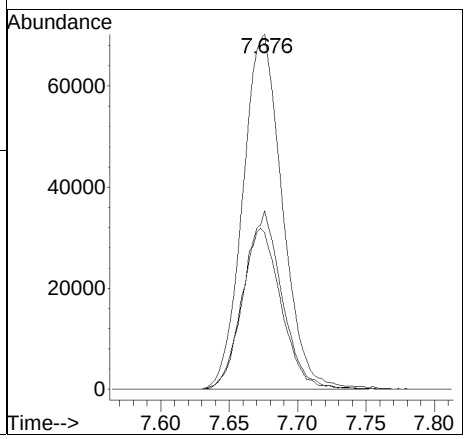


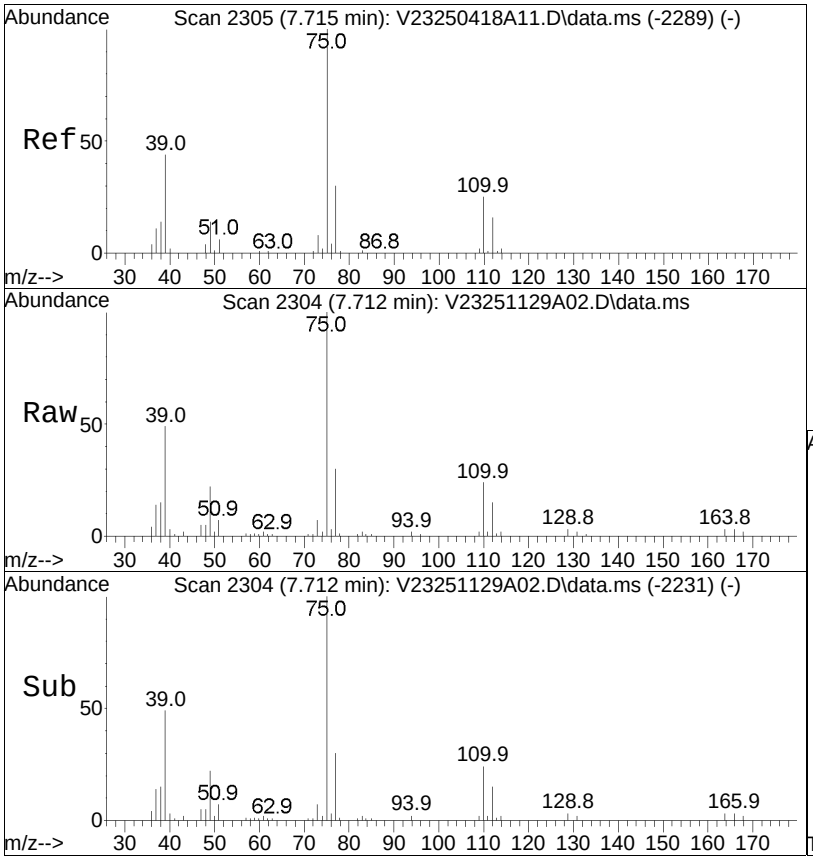


#63
Tetrachloroethene
Concen: 49.99 ug/L
RT: 7.676 min Scan# 2291
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:166 Resp: 141508

Ion	Ratio	Lower	Upper
166	100		
168	48.1	28.0	68.0
94	45.4	23.3	63.3

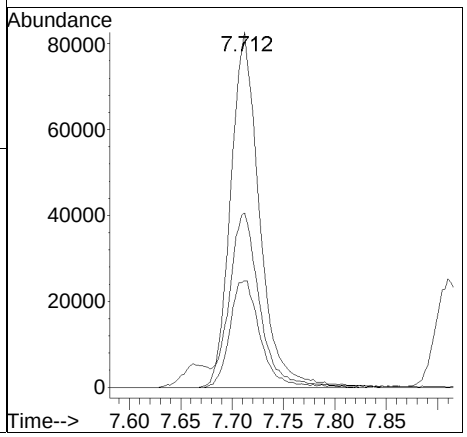


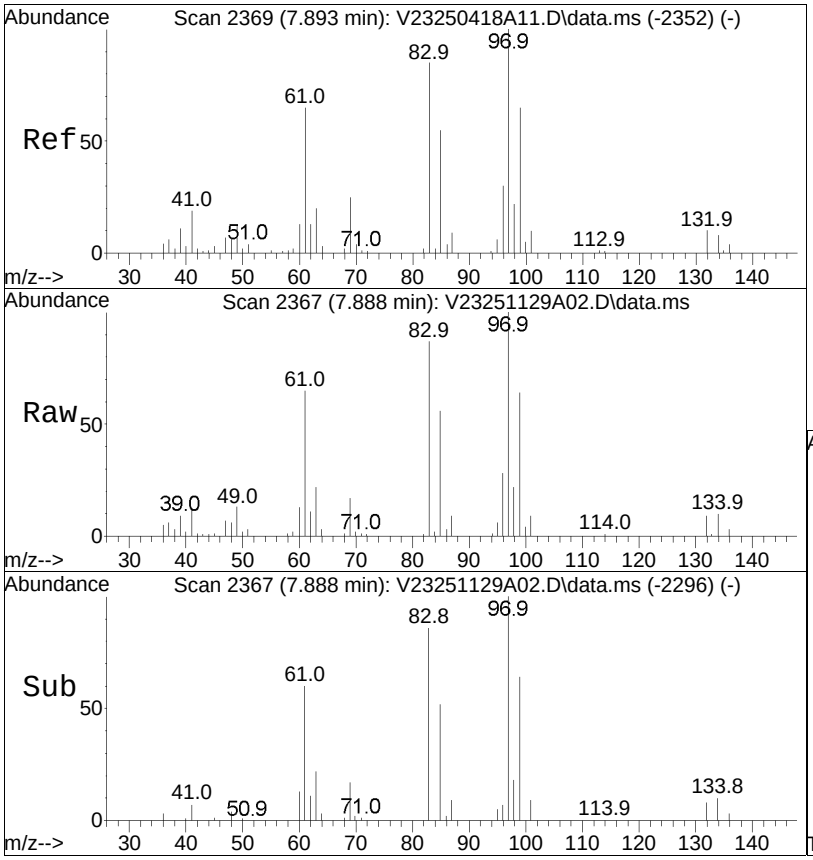


#65
trans-1,3-Dichloropropene
Concen: 43.69 ug/L
RT: 7.712 min Scan# 2304
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 75 Resp: 161946

Ion	Ratio	Lower	Upper
75	100		
77	31.3	12.7	52.7
39	50.5	29.5	69.5

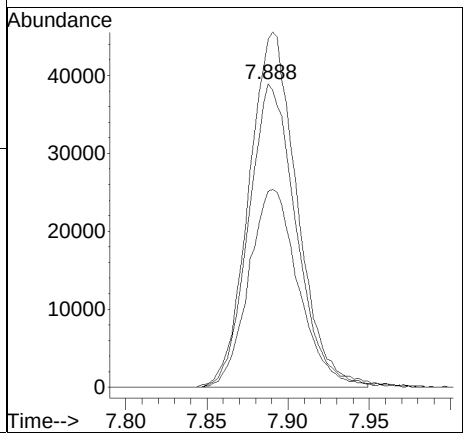


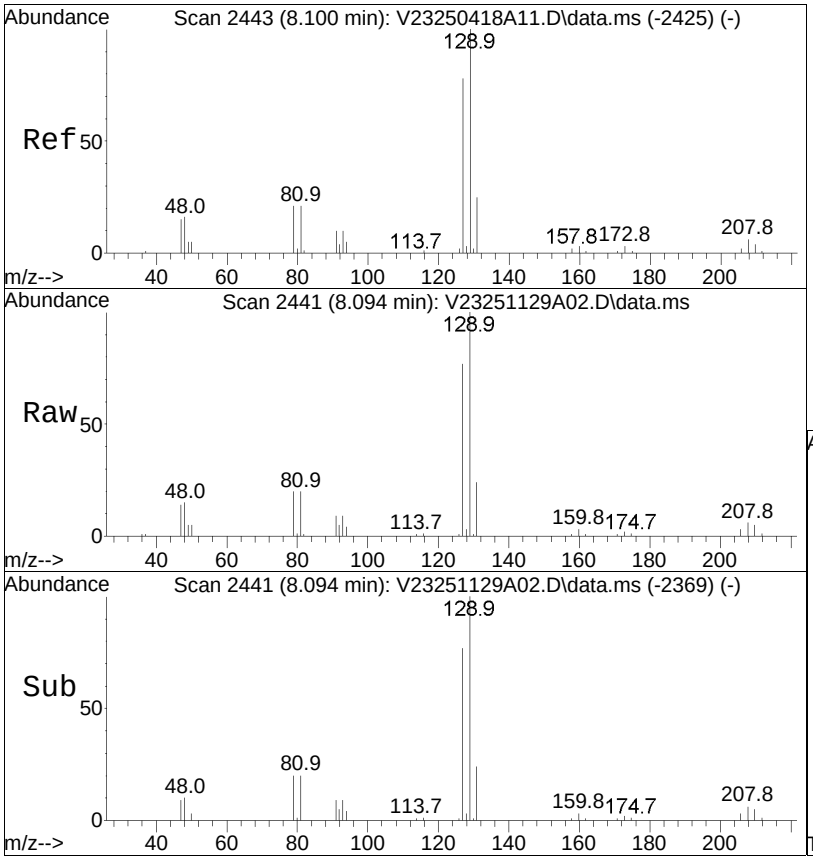


#68
1,1,2-Trichloroethane
Concen: 42.01 ug/L
RT: 7.888 min Scan# 2367
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 83 Resp: 79391

Ion	Ratio	Lower	Upper
83	100		
97	119.9	99.1	139.1
85	68.7	46.8	86.8

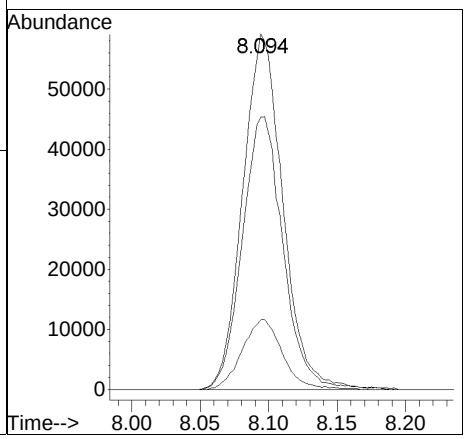


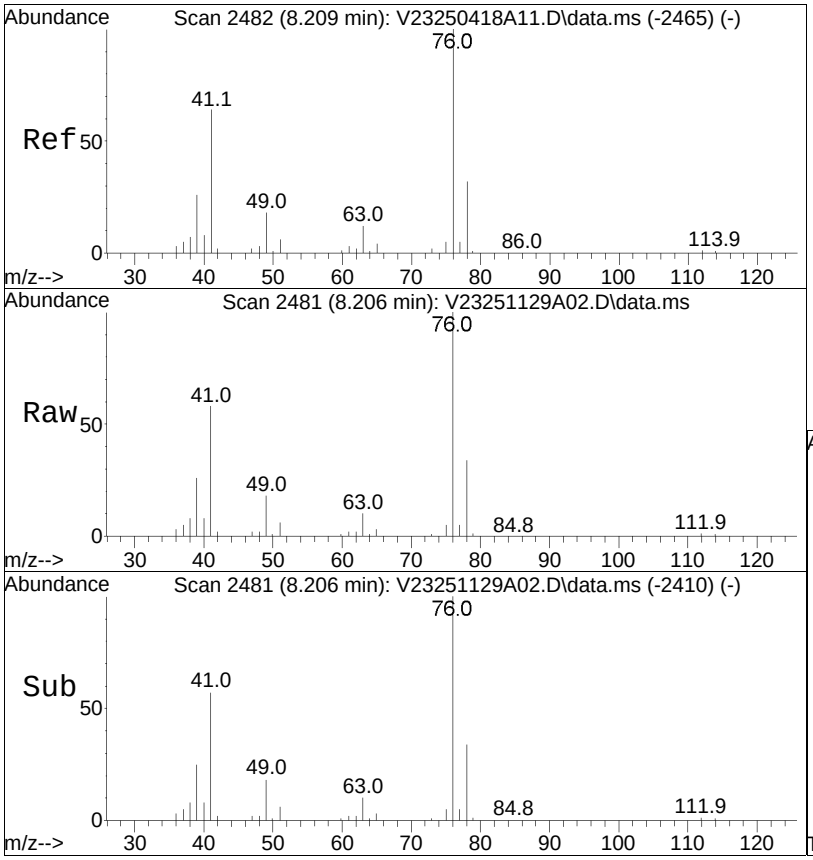


#69
Chlorodibromomethane
Concen: 44.34 ug/L
RT: 8.094 min Scan# 2441
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:129 Resp: 120386

Ion	Ratio	Lower	Upper
129	100		
81	19.7	0.0	35.1
127	77.8	57.6	97.6

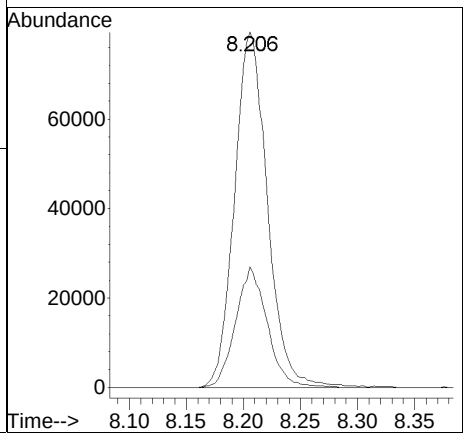


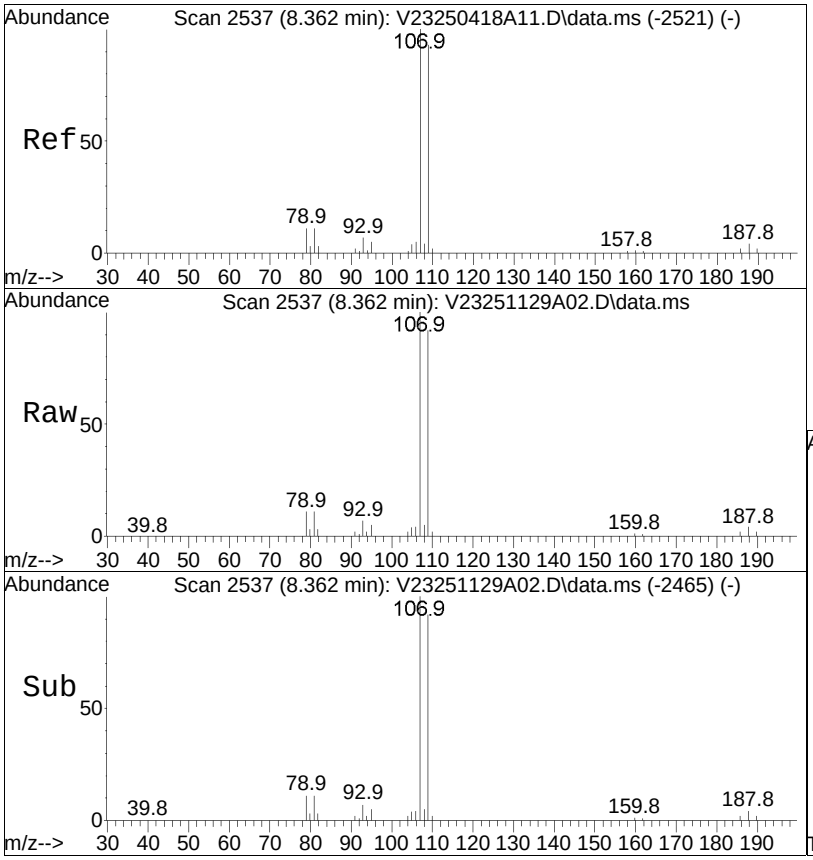


#70
1,3-Dichloropropane
Concen: 42.73 ug/L
RT: 8.206 min Scan# 2481
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 76 Resp: 159425

Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.2	39.2

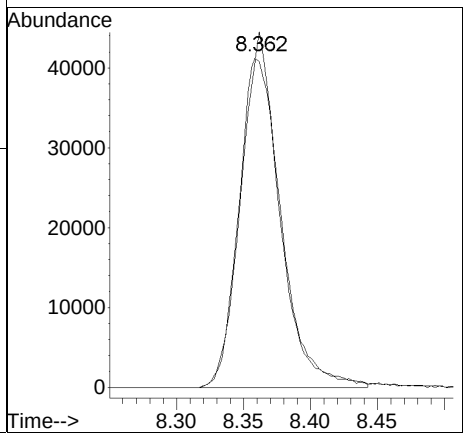


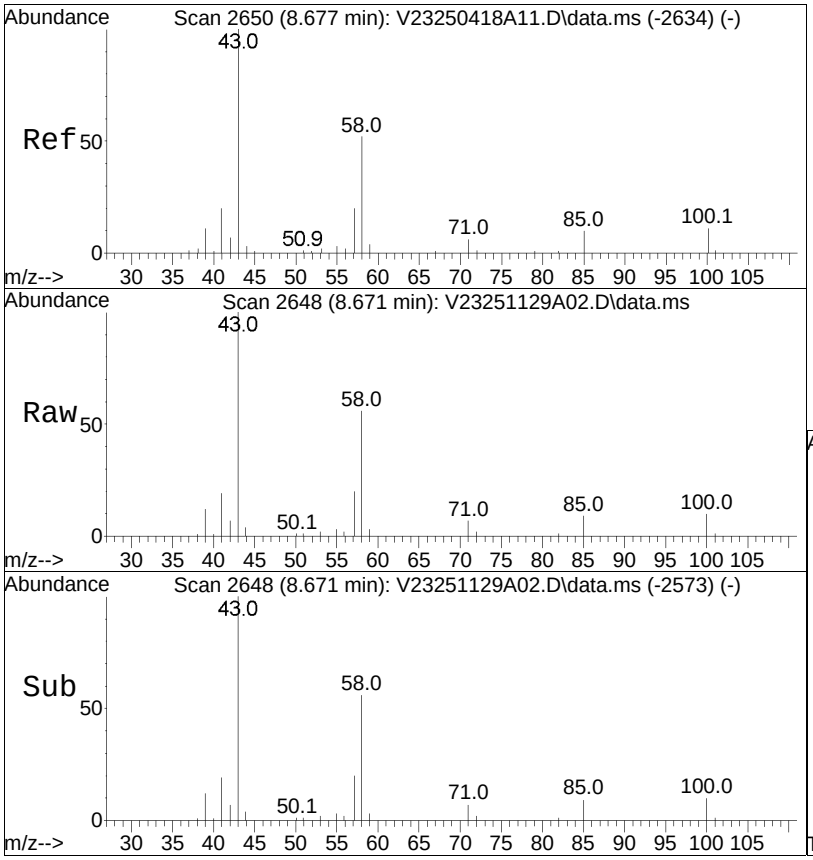


#71
1,2-Dibromoethane
Concen: 44.26 ug/L
RT: 8.362 min Scan# 2537
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:107 Resp: 92850

Ion	Ratio	Lower	Upper
107	100		
109	94.4	76.1	114.1

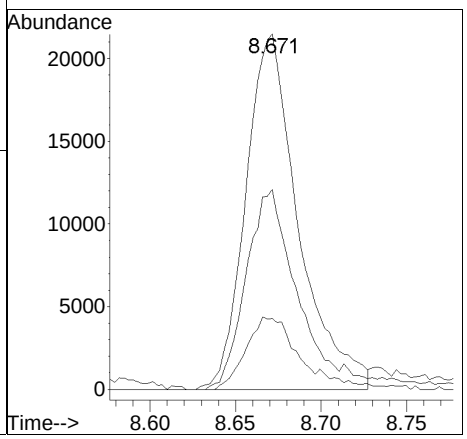


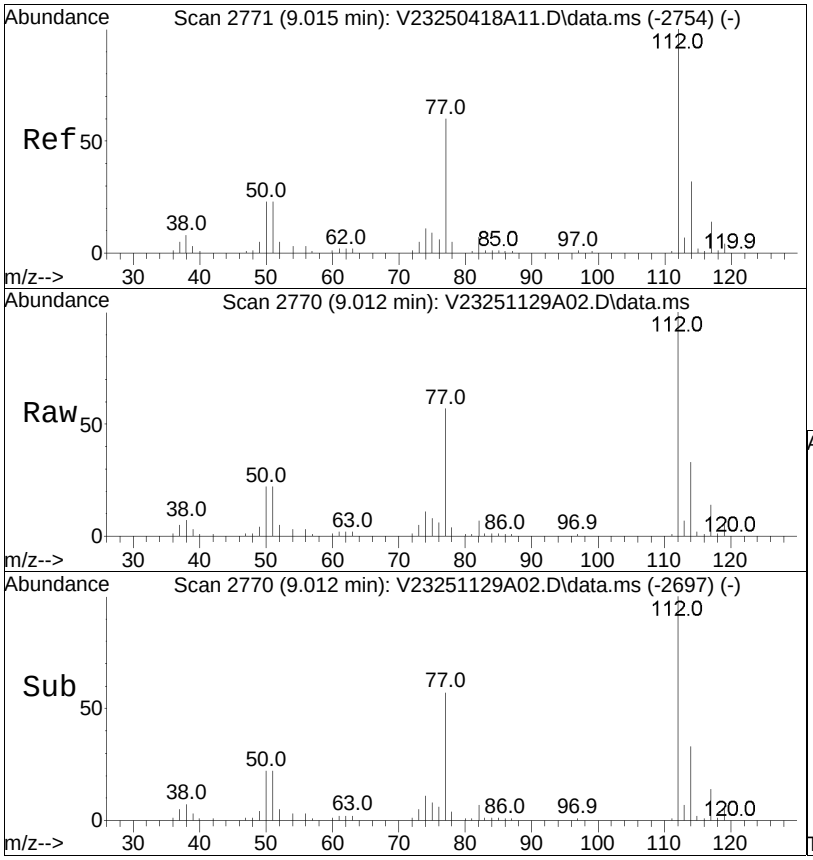


#72
2-Hexanone
Concen: 36.56 ug/L
RT: 8.671 min Scan# 2648
Delta R.T. 0.008 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 43 Resp: 45976

Ion	Ratio	Lower	Upper
43	100		
58	52.9	49.2	73.8
57	21.1	17.4	26.2

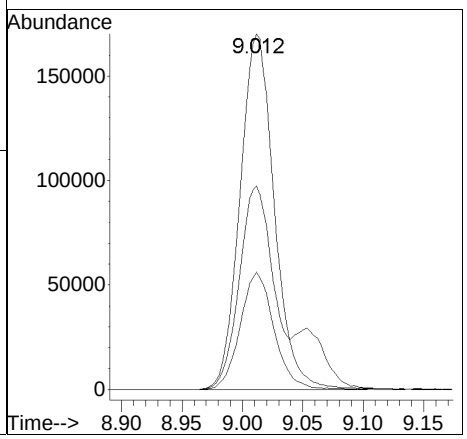


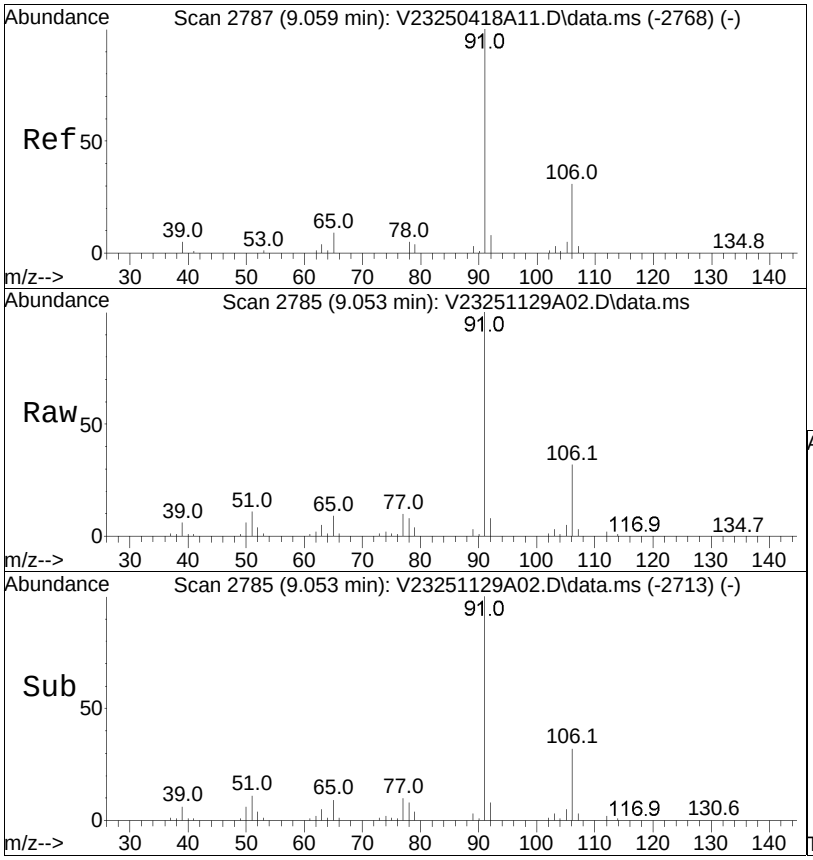


#73
Chlorobenzene
Concen: 44.68 ug/L
RT: 9.012 min Scan# 2770
Delta R.T. 0.002 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:112 Resp: 335938

Ion	Ratio	Lower	Upper
112	100		
77	56.8	58.5	87.7#
114	32.4	25.8	38.6

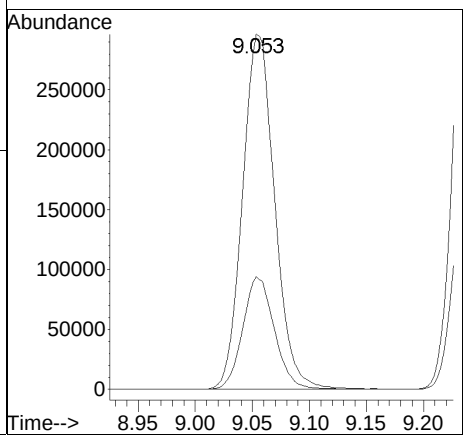


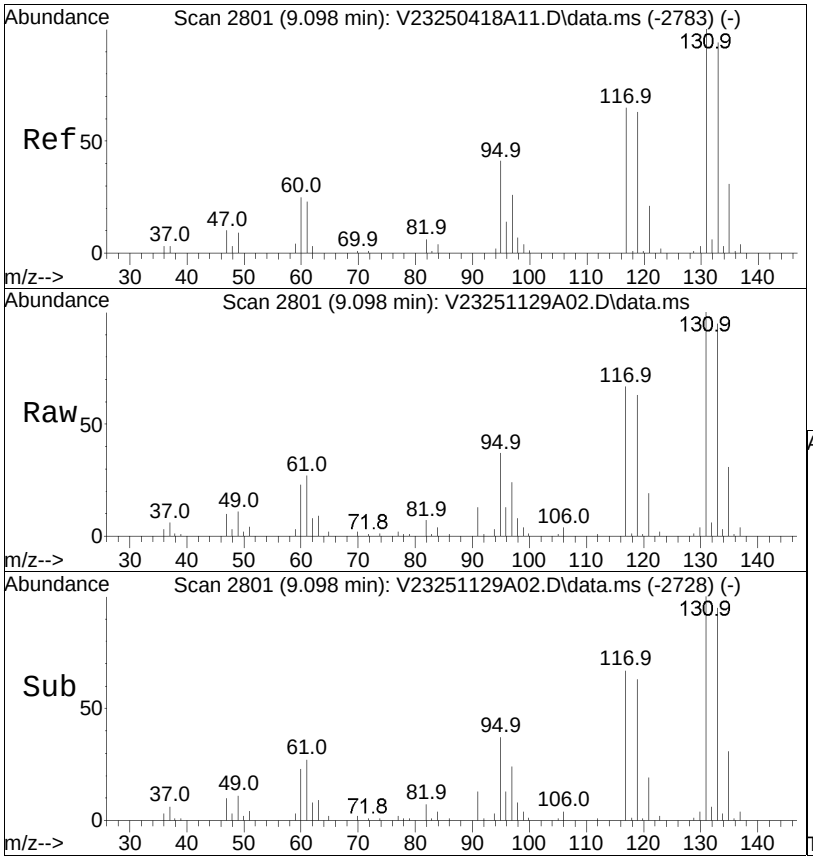


#74
Ethylbenzene
Concen: 44.67 ug/L
RT: 9.053 min Scan# 2785
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 91 Resp: 581804

Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.2	37.8

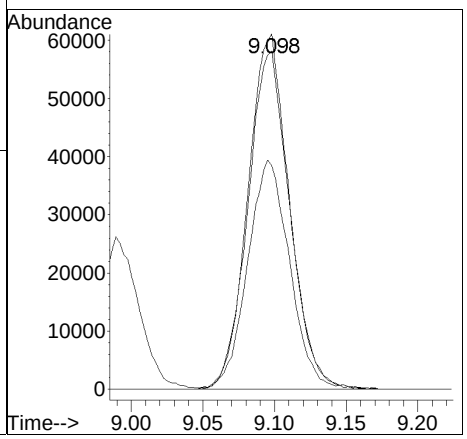


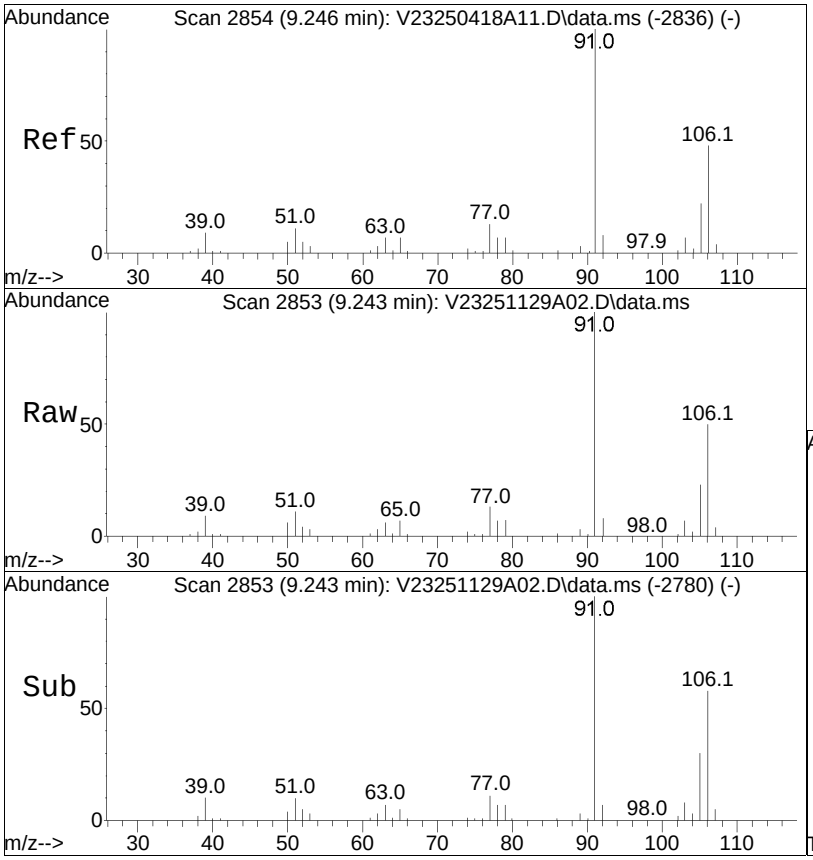


#75
1,1,1,2-Tetrachloroethane
Concen: 44.98 ug/L
RT: 9.098 min Scan# 2801
Delta R.T. 0.002 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:131 Resp: 123581

Ion	Ratio	Lower	Upper
131	100		
133	95.7	75.5	115.5
119	65.2	46.0	86.0

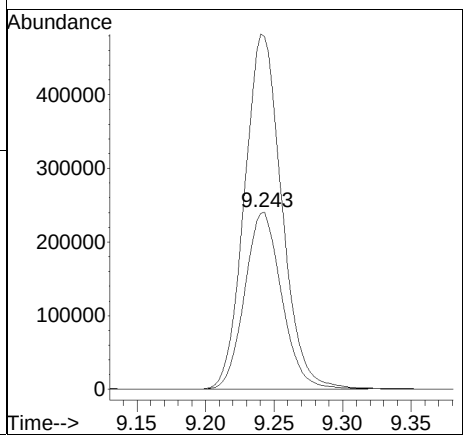


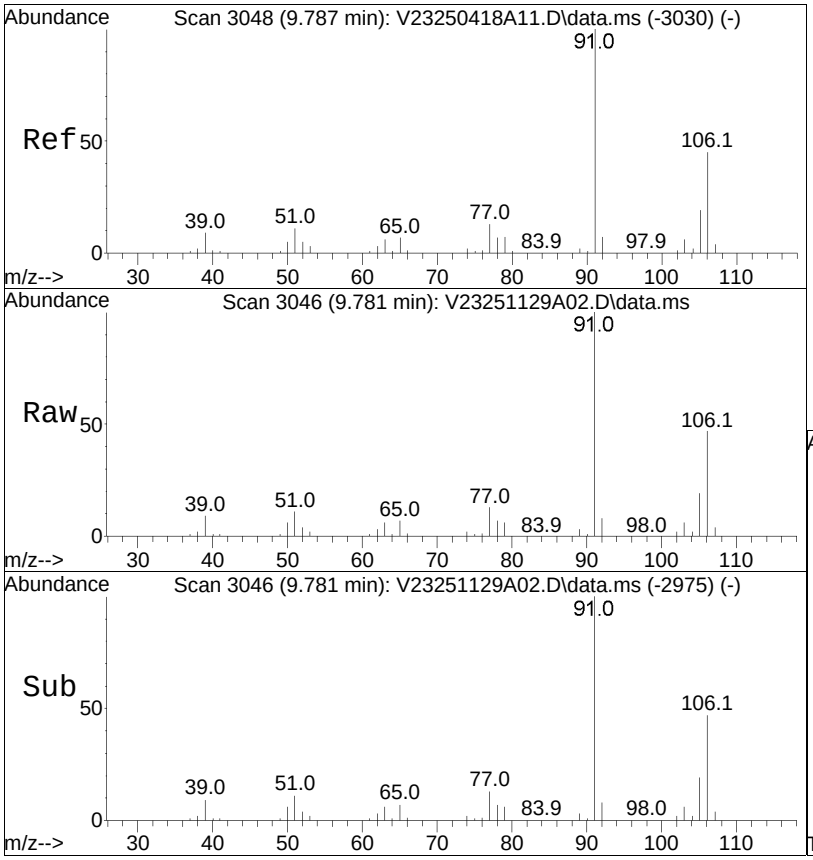


#76
p/m Xylene
Concen: 93.25 ug/L
RT: 9.243 min Scan# 2853
Delta R.T. 0.002 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:106 Resp: 454151

Ion	Ratio	Lower	Upper
106	100		
91	201.6	160.4	240.6

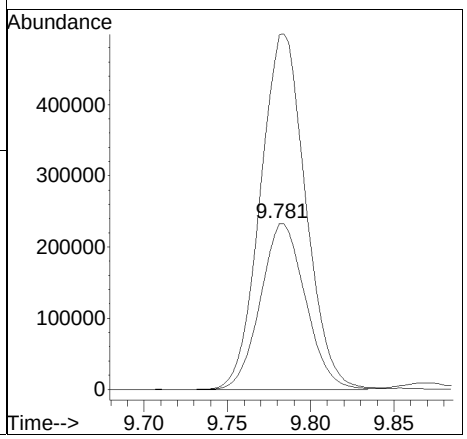


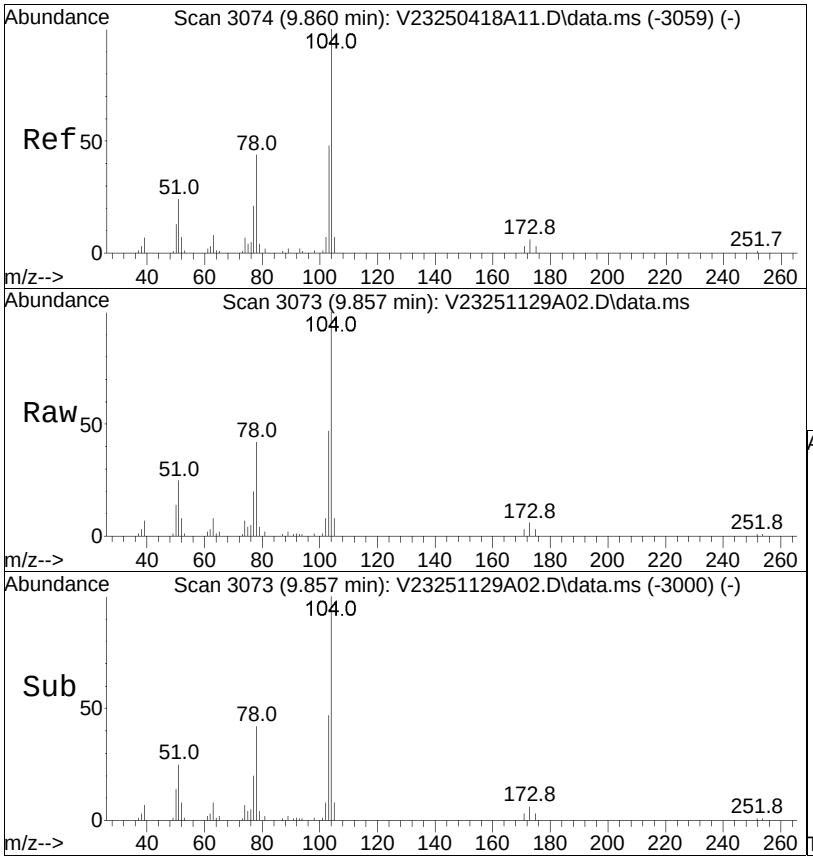


#77
o Xylene
Concen: 88.97 ug/L
RT: 9.781 min Scan# 3046
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:106 Resp: 437291

Ion	Ratio	Lower	Upper
106	100		
91	215.6	169.6	254.4

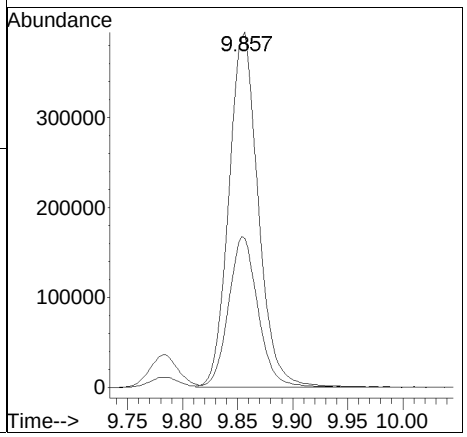


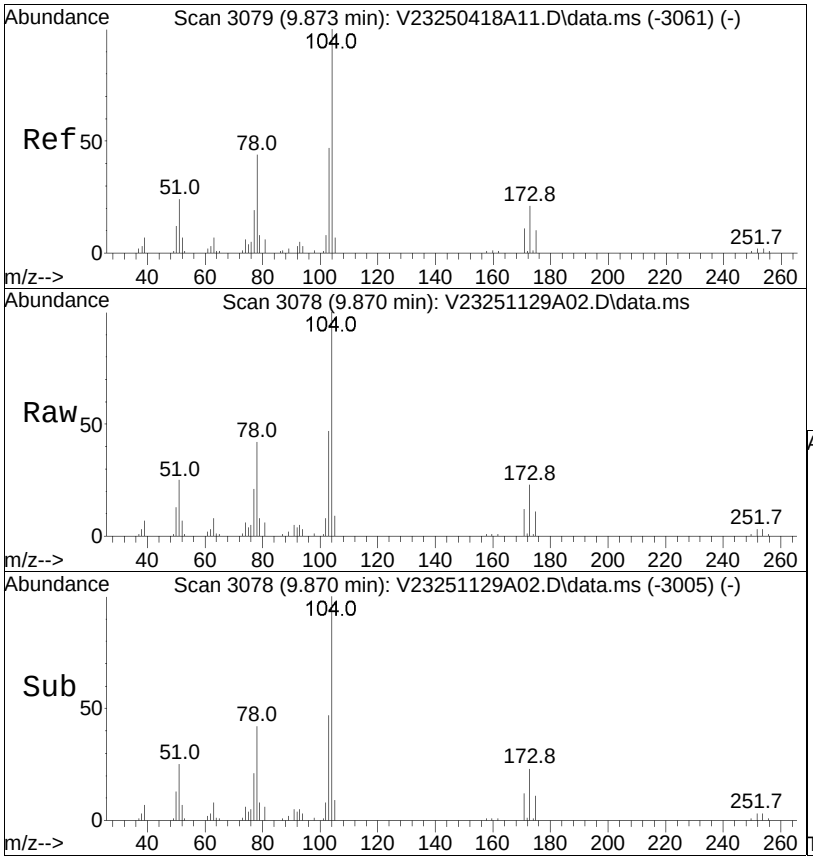


#78
Styrene
Concen: 88.45 ug/L
RT: 9.857 min Scan# 3073
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:104 Resp: 732510

Ion	Ratio	Lower	Upper
104	100		
78	42.0	33.8	50.6

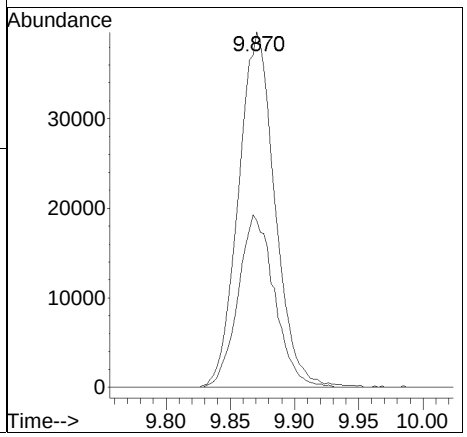


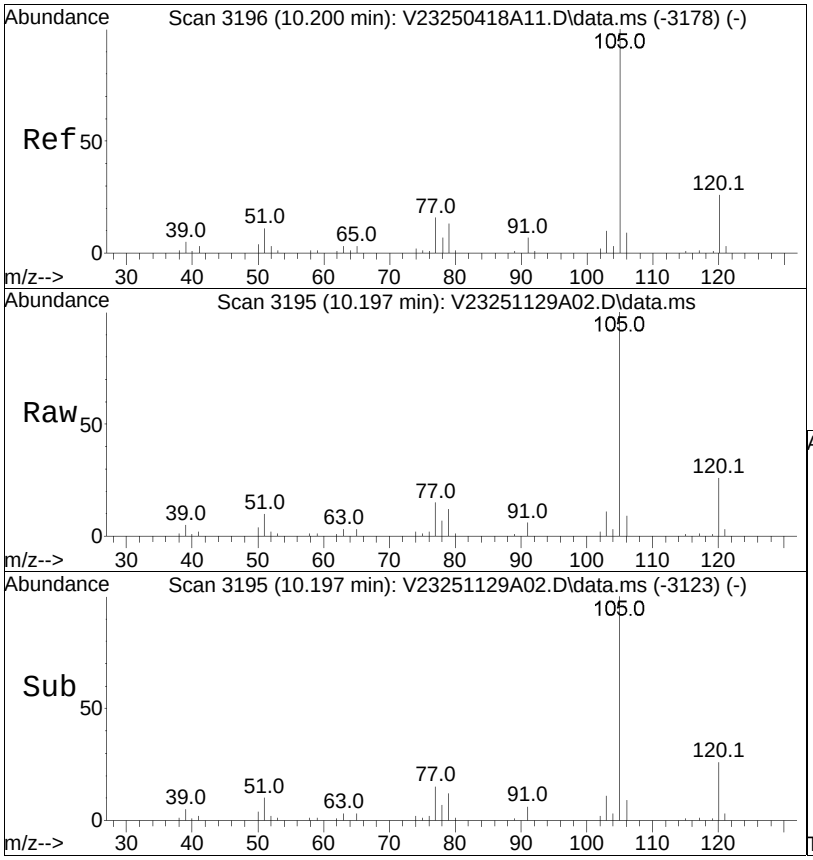


#80
Bromoform
Concen: 42.10 ug/L
RT: 9.870 min Scan# 3078
Delta R.T. 0.002 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:173 Resp: 78778

Ion	Ratio	Lower	Upper
173	100		
175	48.4	28.7	68.7

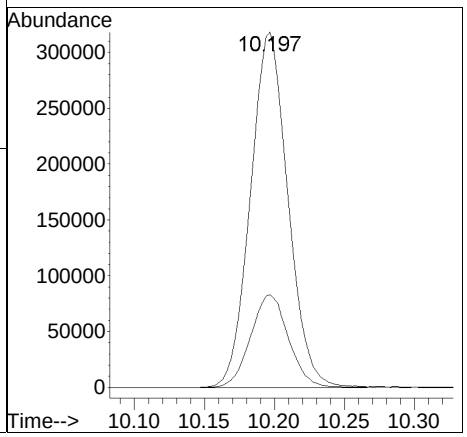


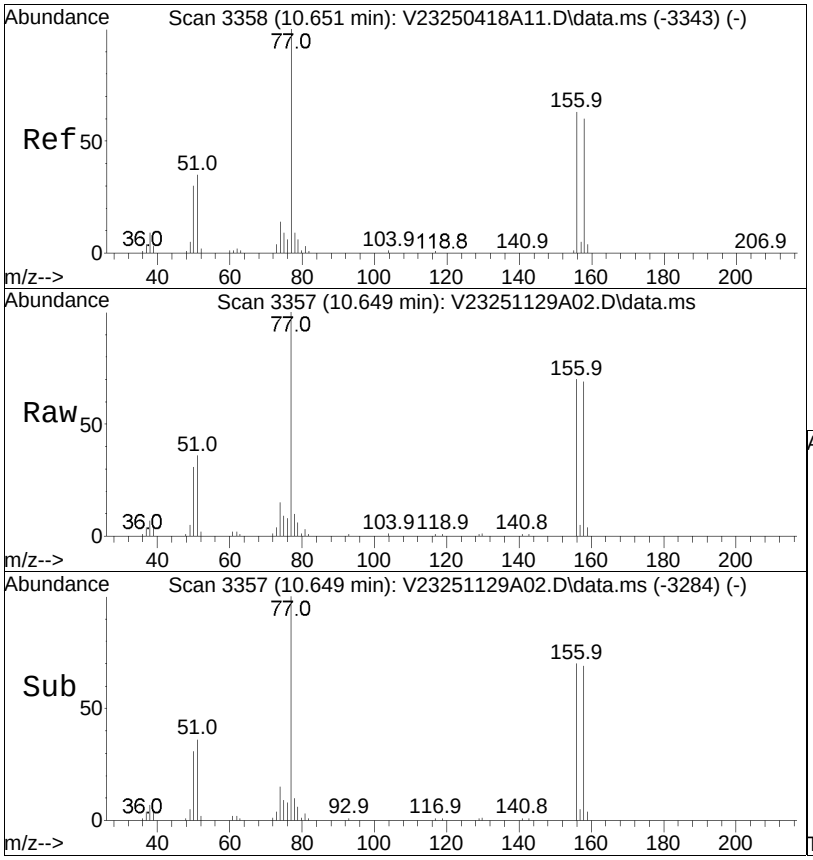


#82
Isopropylbenzene
Concen: 45.74 ug/L
RT: 10.197 min Scan# 3195
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:105 Resp: 591085

Ion	Ratio	Lower	Upper
105	100		
120	26.3	6.6	46.6

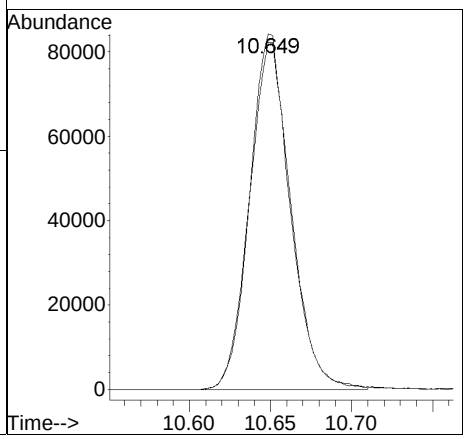


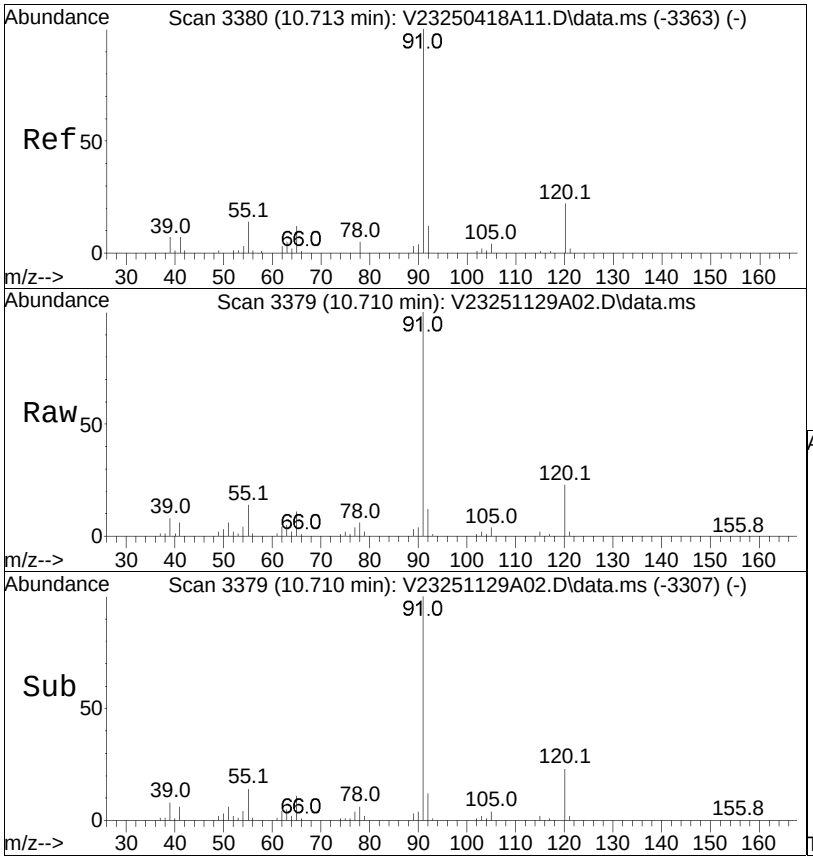


#84
Bromobenzene
Concen: 42.65 ug/L
RT: 10.649 min Scan# 3357
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:156 Resp: 148596

Ion	Ratio	Lower	Upper
156	100		
158	96.8	77.7	116.5

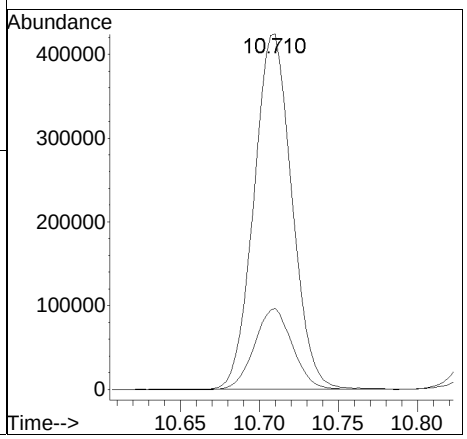


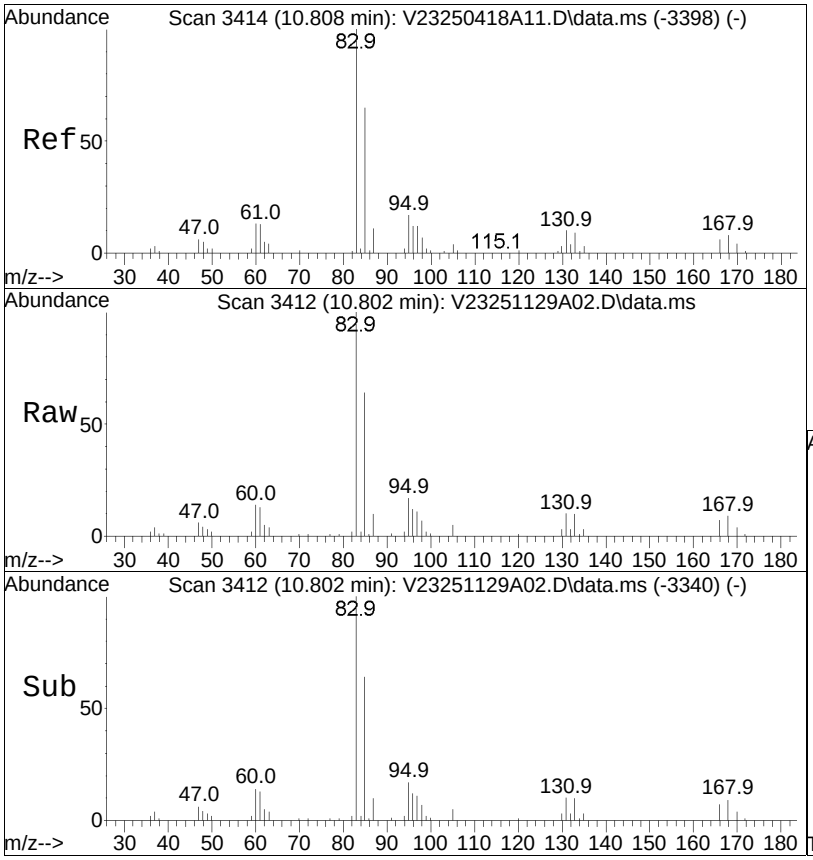


#85
n-Propylbenzene
Concen: 45.95 ug/L
RT: 10.710 min Scan# 3379
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 91 Resp: 706978

Ion	Ratio	Lower	Upper
91	100		
120	22.8	18.2	27.2

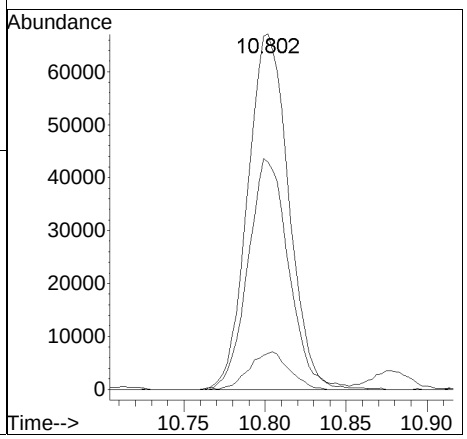


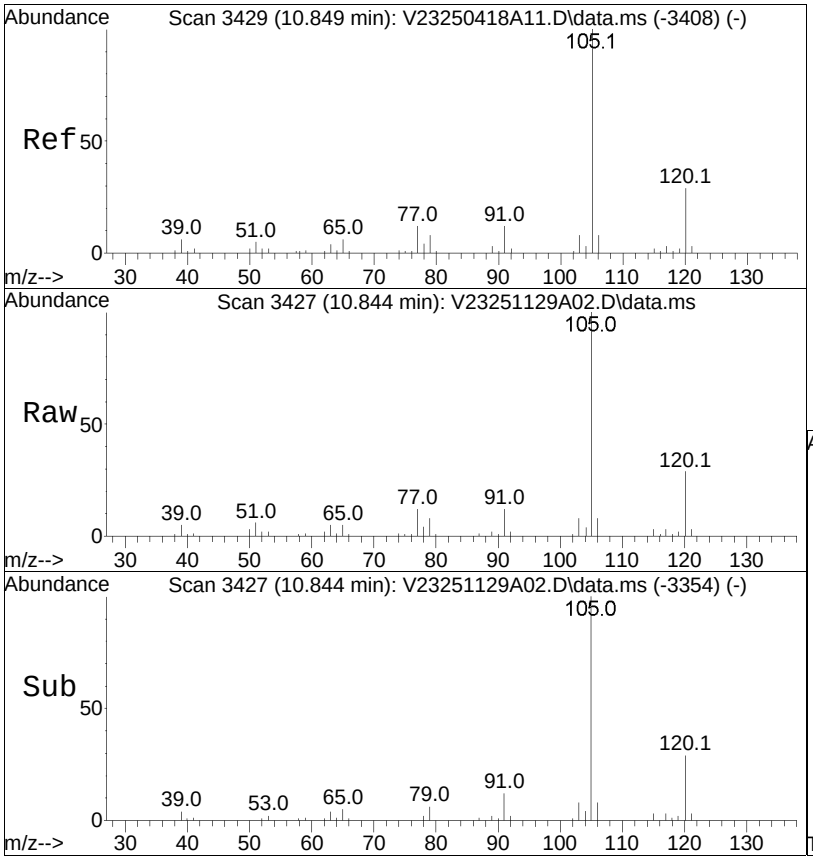


#87
1,1,2,2-Tetrachloroethane
Concen: 41.54 ug/L
RT: 10.802 min Scan# 3412
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 83 Resp: 118145

Ion	Ratio	Lower	Upper
83	100		
131	10.3	0.0	30.1
85	64.5	45.1	85.1

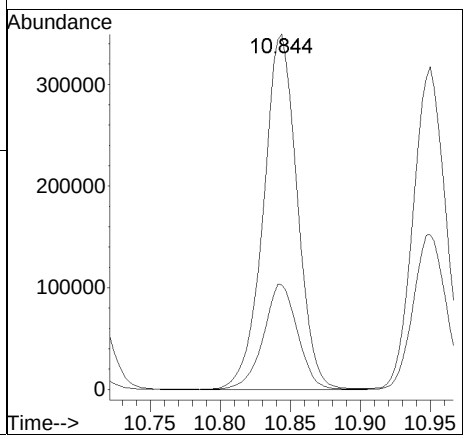


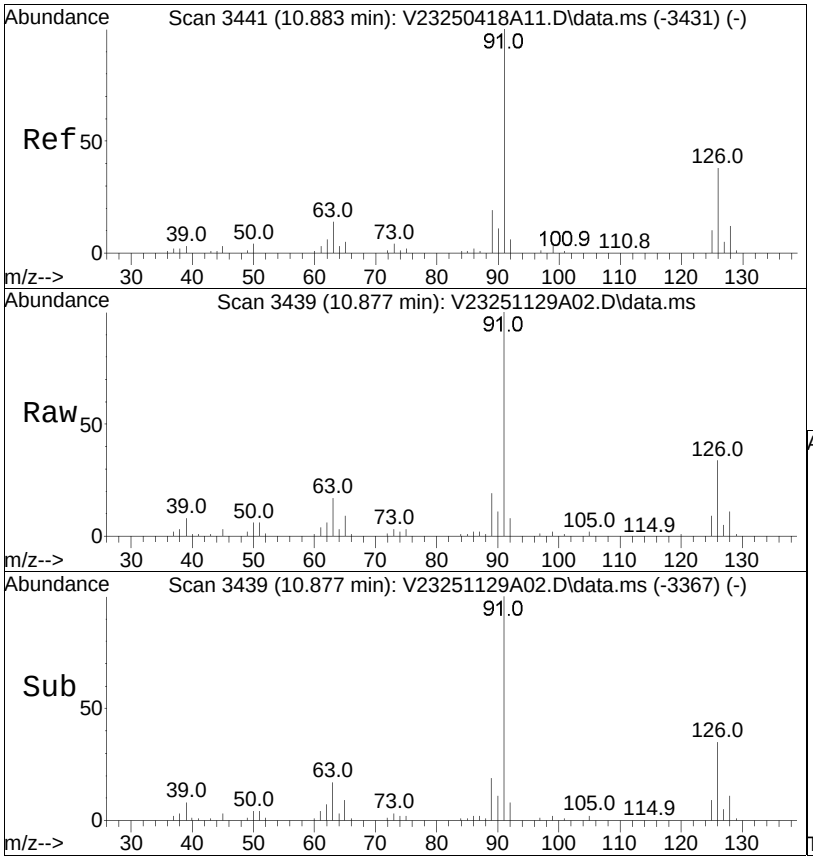


#88
4-Ethyltoluene
Concen: 45.77 ug/L
RT: 10.844 min Scan# 3427
Delta R.T. 0.002 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:105 Resp: 585962

Ion	Ratio	Lower	Upper
105	100		
120	29.9	19.4	40.4

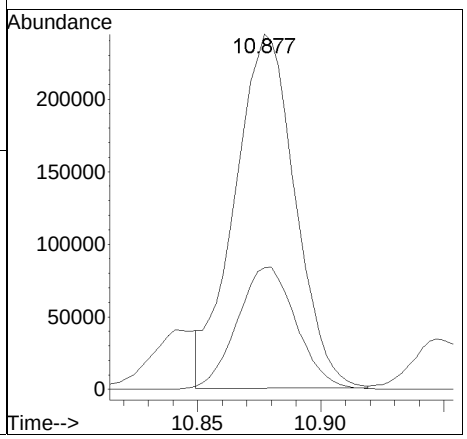


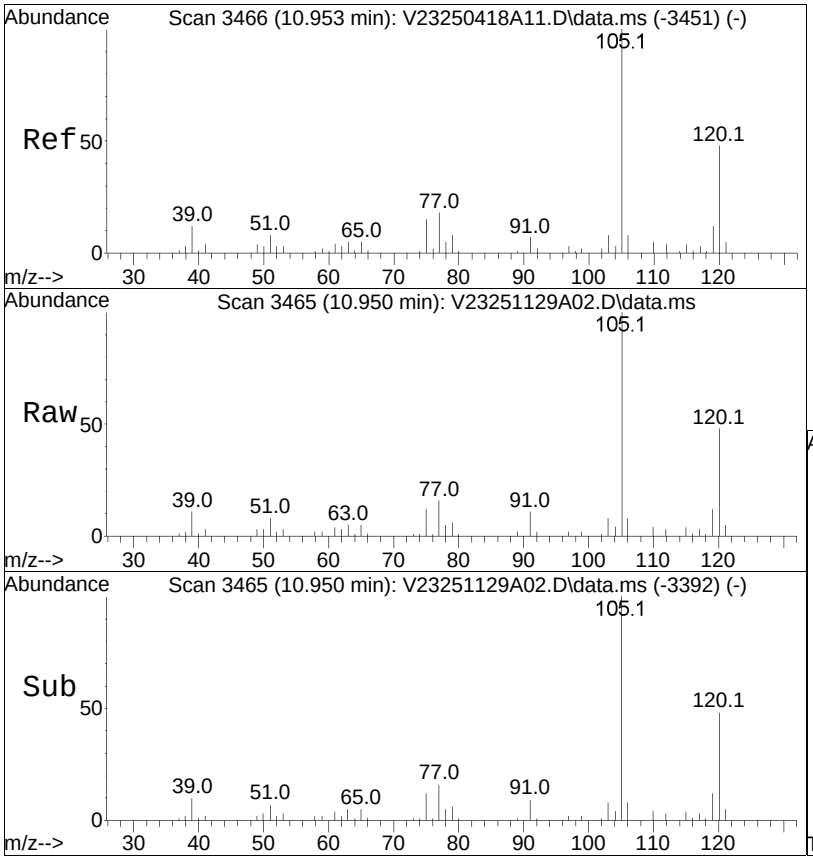


#89
2-Chlorotoluene
Concen: 43.31 ug/L
RT: 10.877 min Scan# 3439
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 91 Resp: 416062

Ion	Ratio	Lower	Upper
91	100		
126	33.9	26.7	40.1

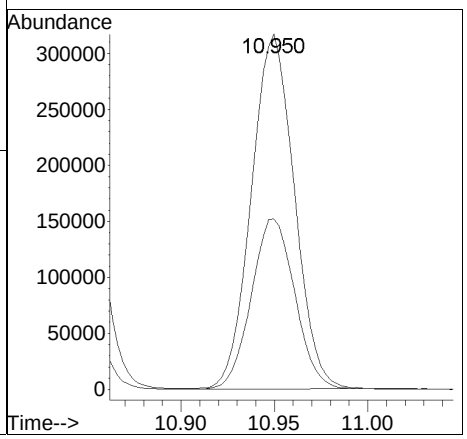


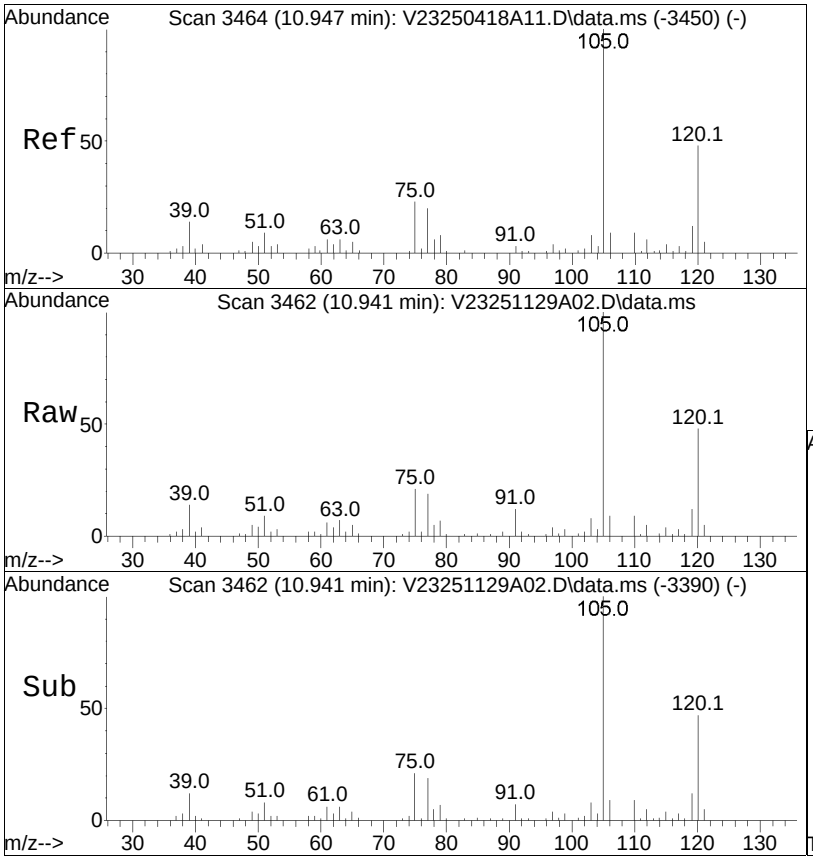


#90
1,3,5-Trimethylbenzene
Concen: 44.69 ug/L
RT: 10.950 min Scan# 3465
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:105 Resp: 507552

Ion	Ratio	Lower	Upper
105	100		
120	48.6	39.9	59.9

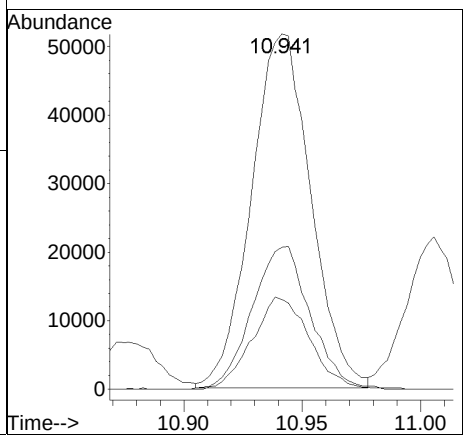


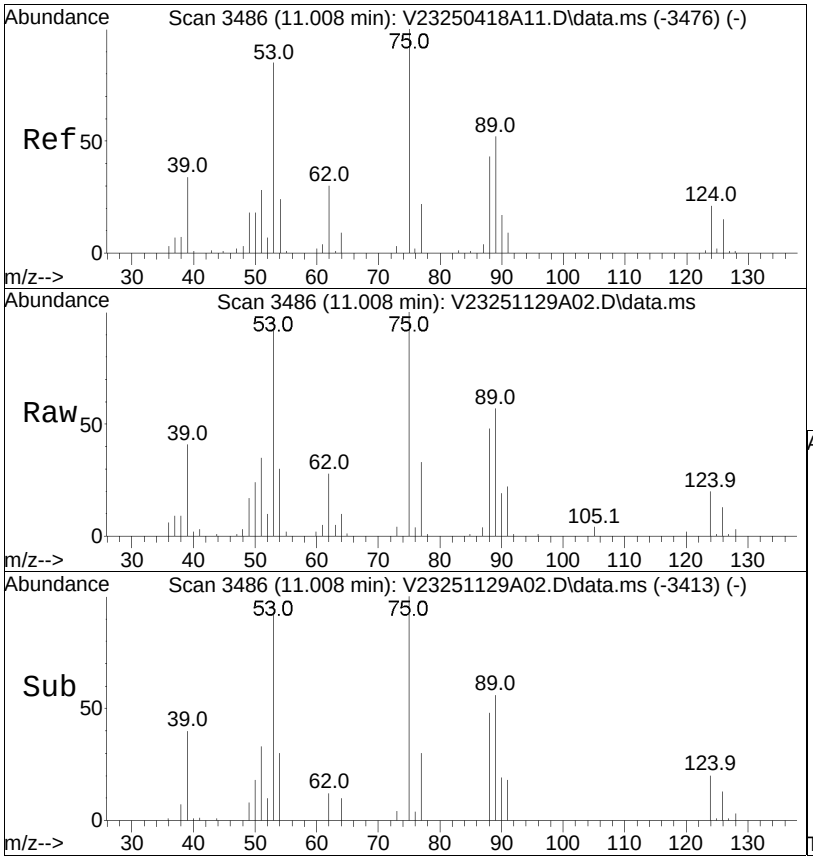


#91
1,2,3-Trichloropropane
Concen: 40.13 ug/L
RT: 10.941 min Scan# 3462
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 75 Resp: 90231

Ion	Ratio	Lower	Upper
75	100		
110	39.7	24.6	51.0
112	25.2	15.7	32.5

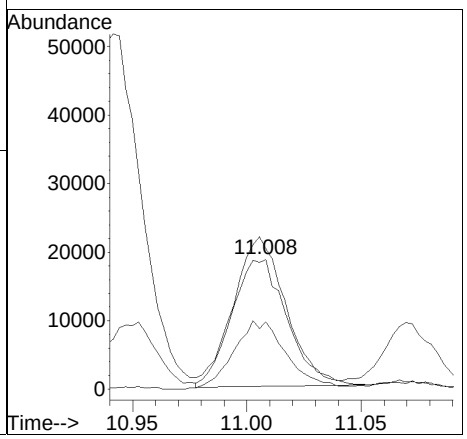


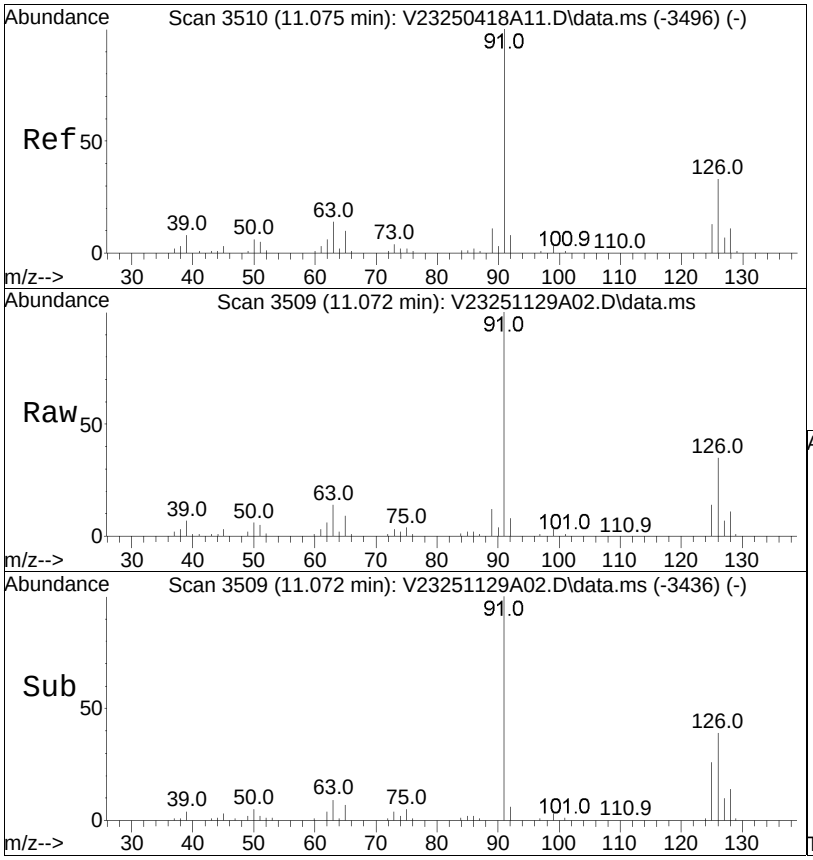


#92
trans-1,4-Dichloro-2-butene
Concen: 39.30 ug/L
RT: 11.008 min Scan# 3486
Delta R.T. 0.002 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 53 Resp: 31222

Ion	Ratio	Lower	Upper
53	100		
88	52.0	45.1	67.7
75	116.1	116.5	174.7#

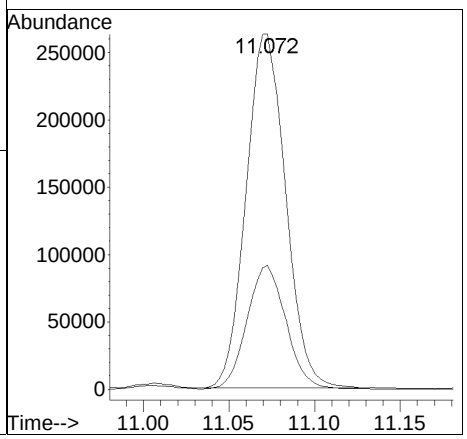


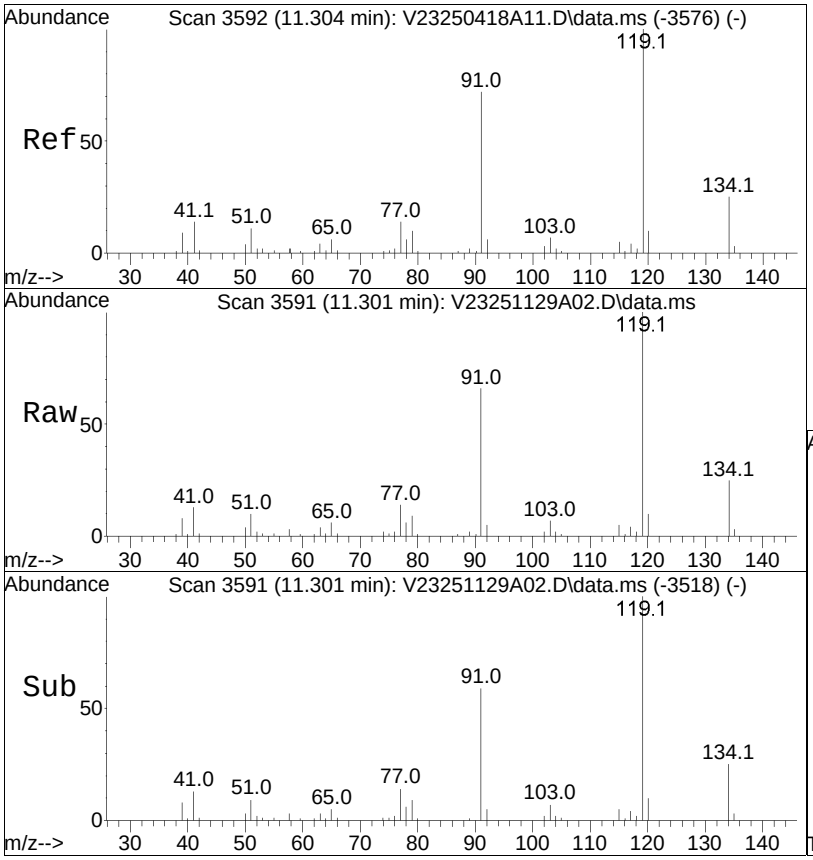


#93
4-Chlorotoluene
Concen: 43.30 ug/L
RT: 11.072 min Scan# 3509
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 91 Resp: 422710

Ion	Ratio	Lower	Upper
91	100		
126	34.5	26.9	40.3

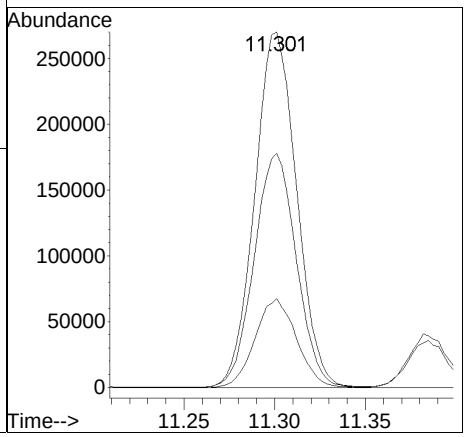


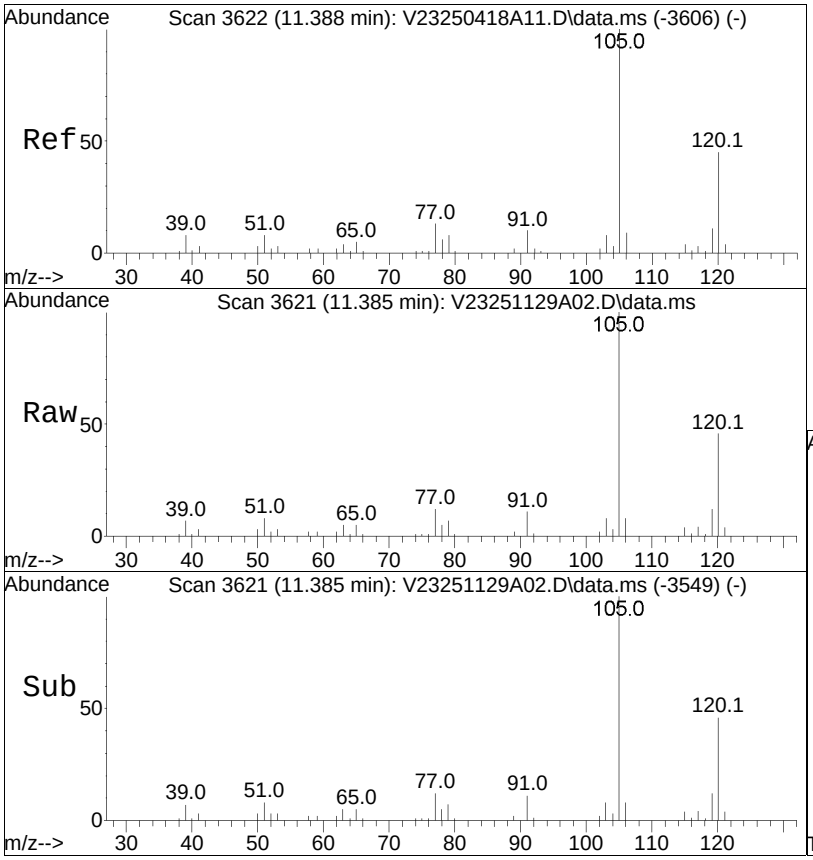


#94
tert-Butylbenzene
Concen: 45.63 ug/L
RT: 11.301 min Scan# 3591
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:119 Resp: 433885

Ion	Ratio	Lower	Upper
119	100		
91	66.1	53.1	79.7
134	24.7	20.4	30.6

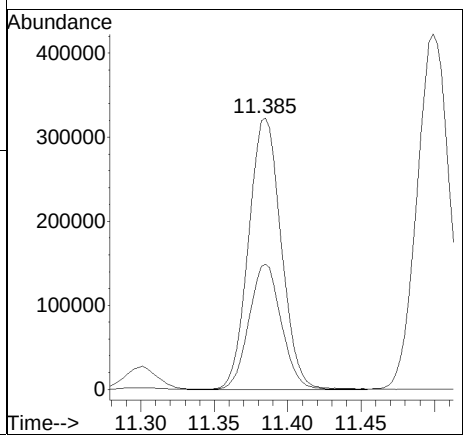


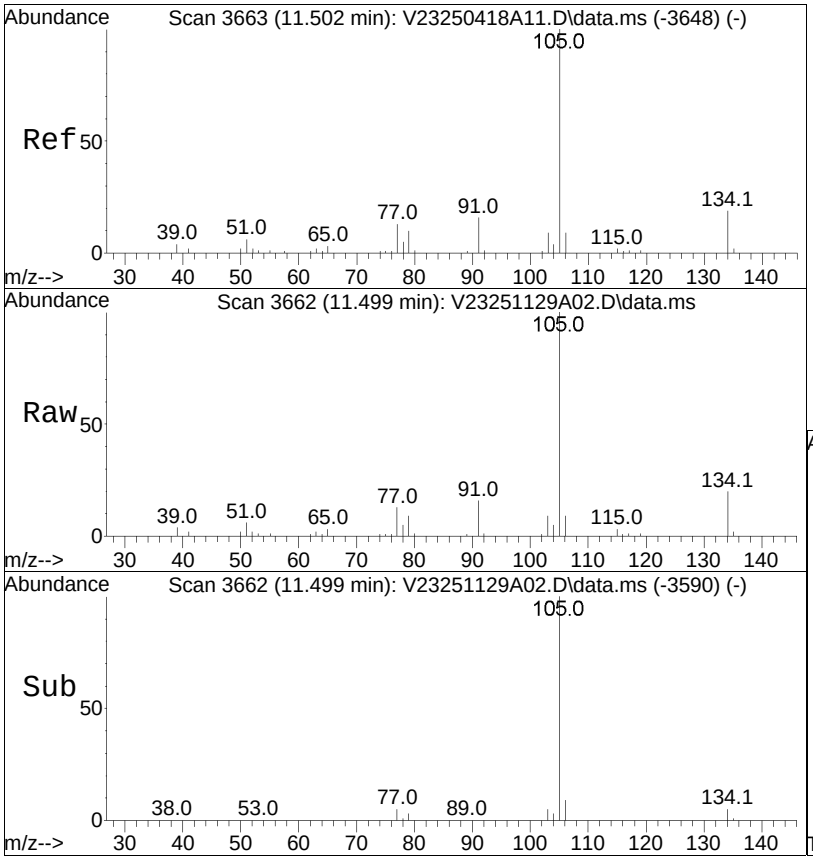


#97
1,2,4-Trimethylbenzene
Concen: 44.20 ug/L
RT: 11.385 min Scan# 3621
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:105 Resp: 498910

Ion	Ratio	Lower	Upper
105	100		
120	45.7	36.9	55.3

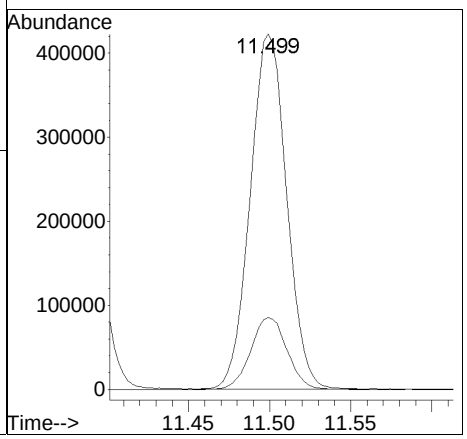


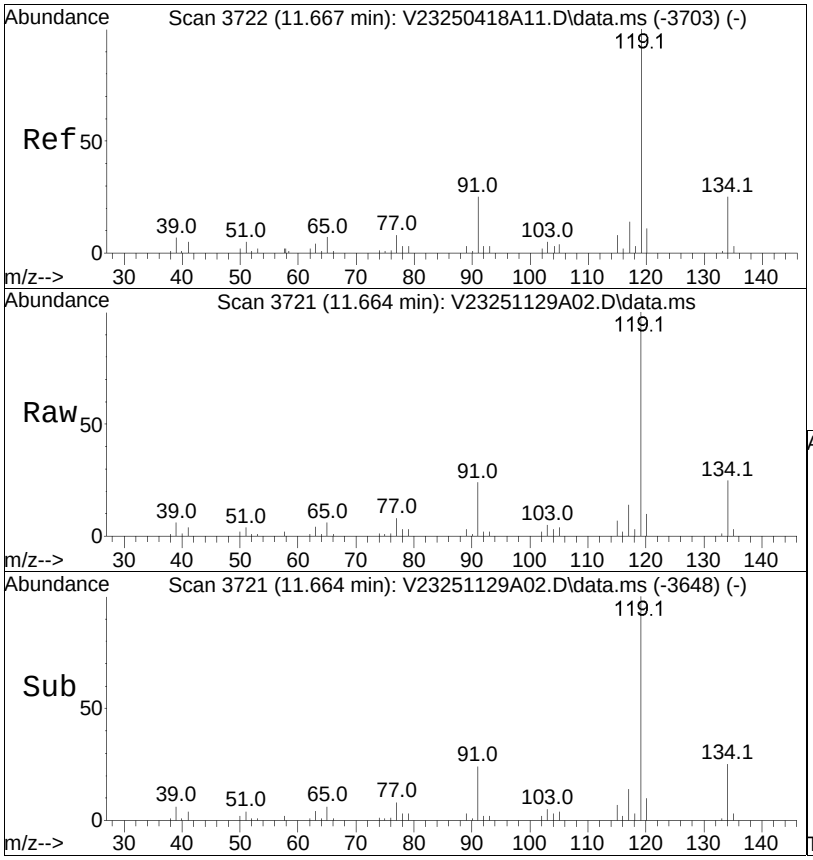


#98
sec-Butylbenzene
Concen: 46.38 ug/L
RT: 11.499 min Scan# 3662
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:105 Resp: 659686

Ion	Ratio	Lower	Upper
105	100		
134	20.2	13.1	27.1

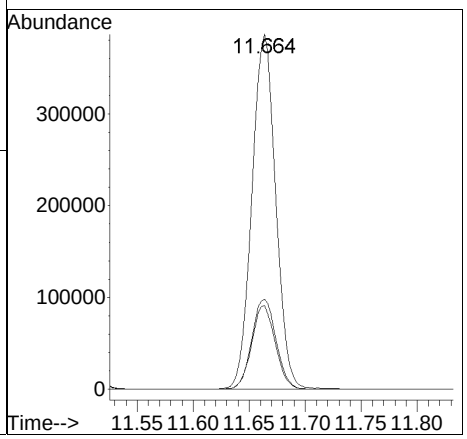


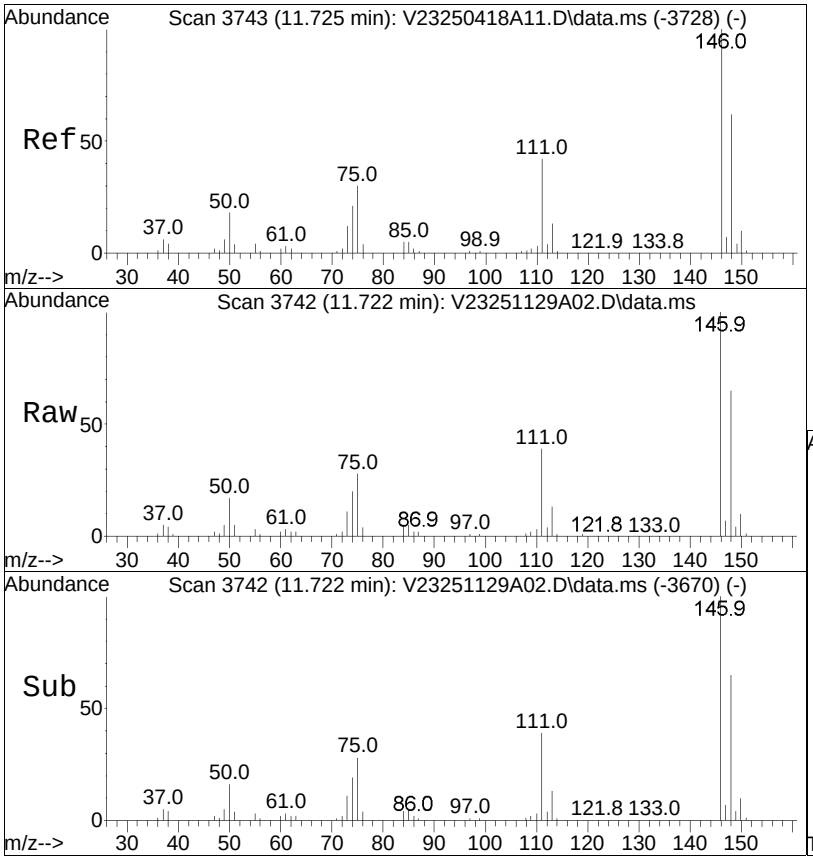


#99
p-Isopropyltoluene
Concen: 46.42 ug/L
RT: 11.664 min Scan# 3721
Delta R.T. 0.002 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:119 Resp: 571928

Ion	Ratio	Lower	Upper
119	100		
134	26.0	17.2	35.6
91	23.6	15.1	31.3

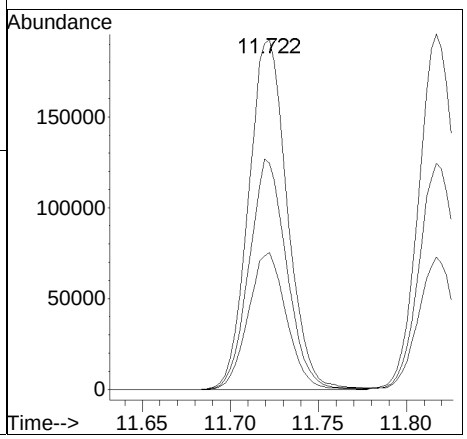


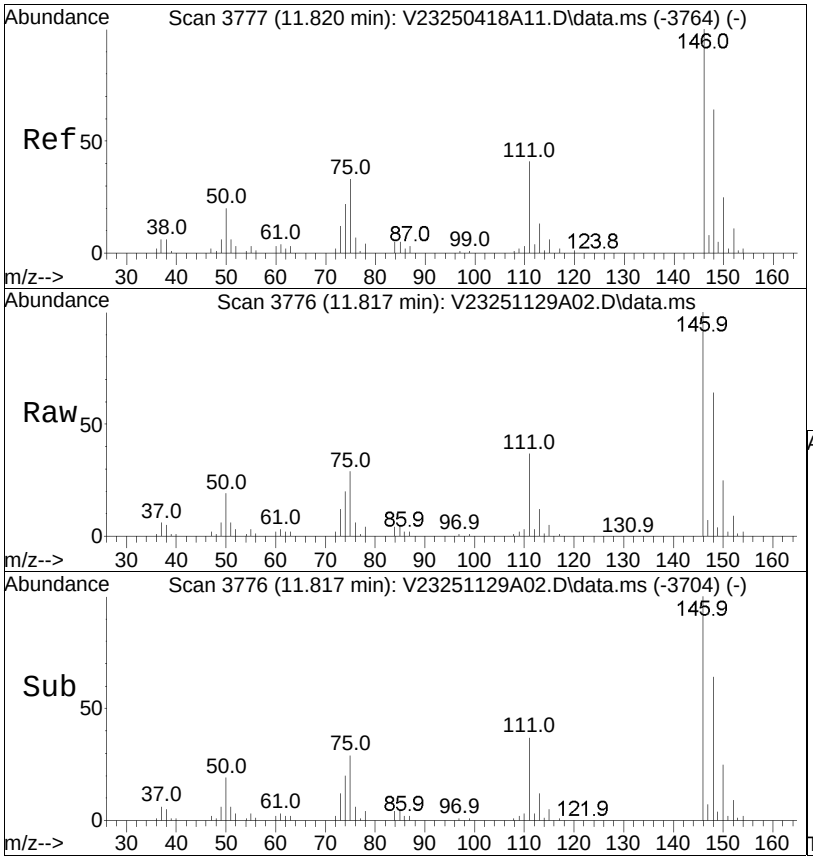


#100
1,3-Dichlorobenzene
Concen: 44.62 ug/L
RT: 11.722 min Scan# 3742
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:146 Resp: 293868

Ion	Ratio	Lower	Upper
146	100		
111	38.6	26.0	54.0
148	64.0	41.4	86.0

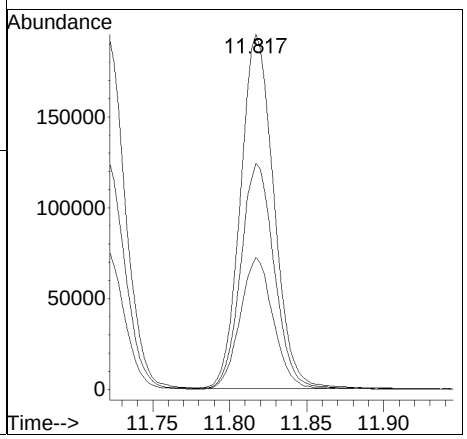


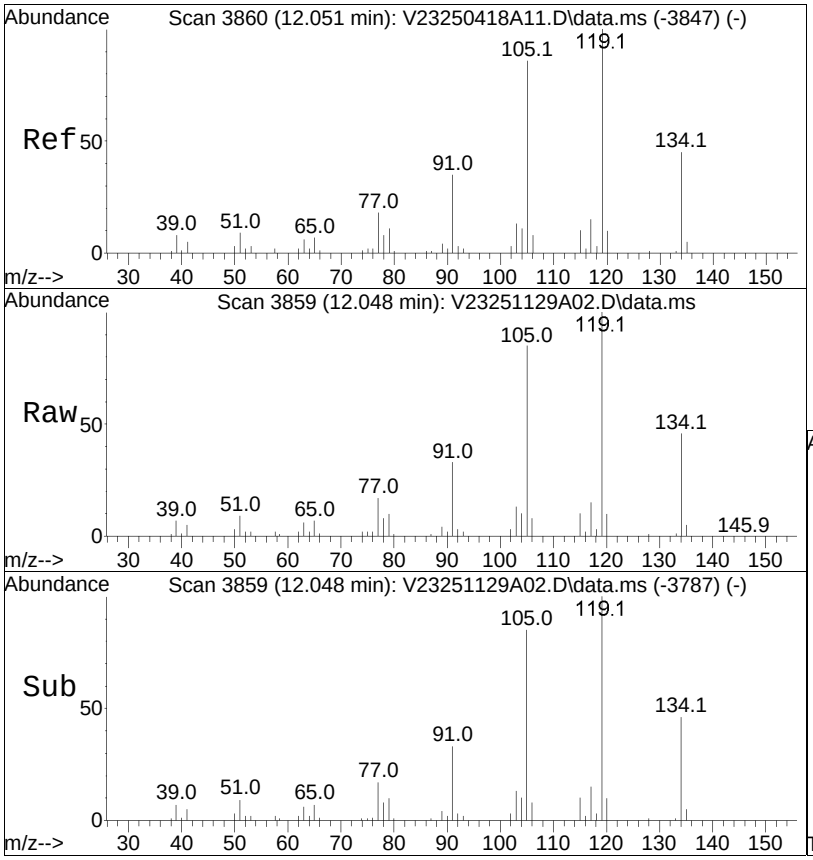


#101
1,4-Dichlorobenzene
Concen: 43.55 ug/L
RT: 11.817 min Scan# 3776
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:146 Resp: 293868

Ion	Ratio	Lower	Upper
146	100		
111	37.0	31.1	46.7
148	64.1	50.8	76.2

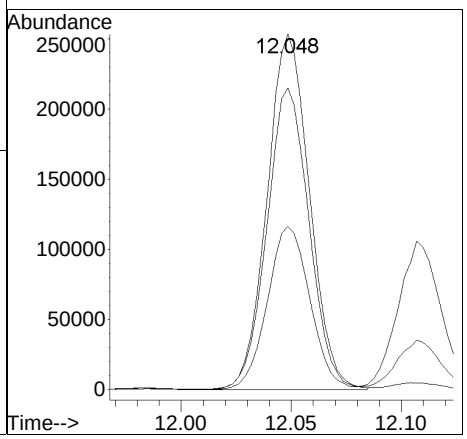


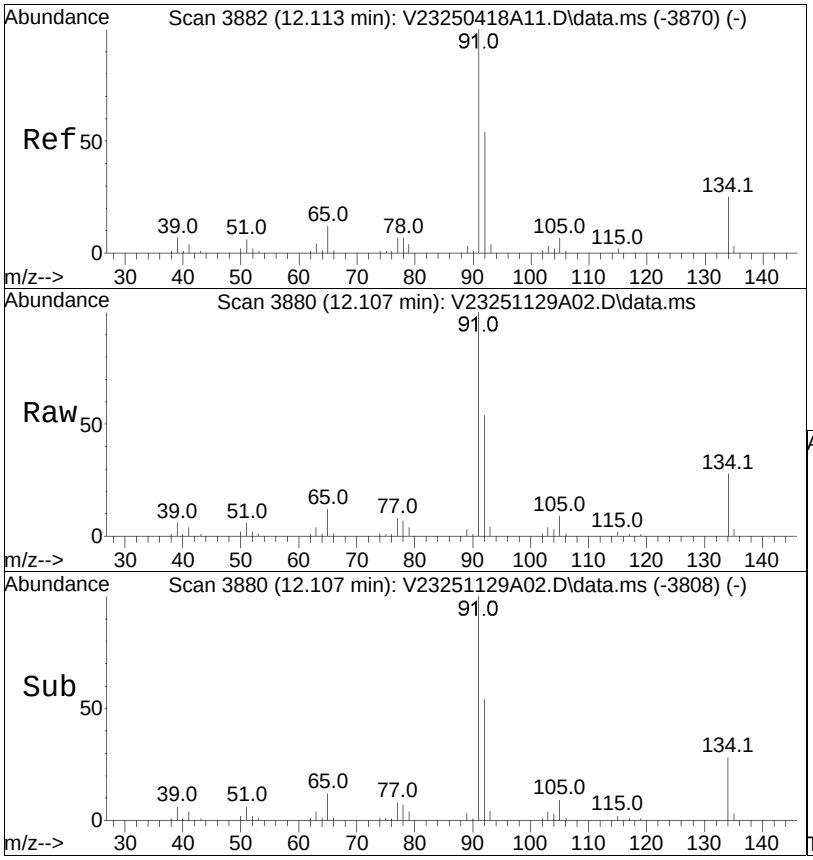


#102
p-Diethylbenzene
Concen: 46.47 ug/L
RT: 12.048 min Scan# 3859
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:119 Resp: 338939

Ion	Ratio	Lower	Upper
119	100		
105	84.5	55.1	114.5
134	46.0	30.0	62.2

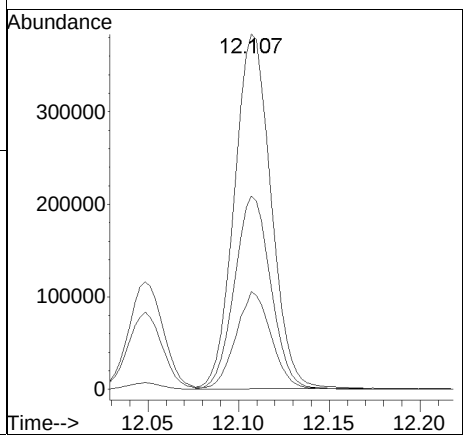


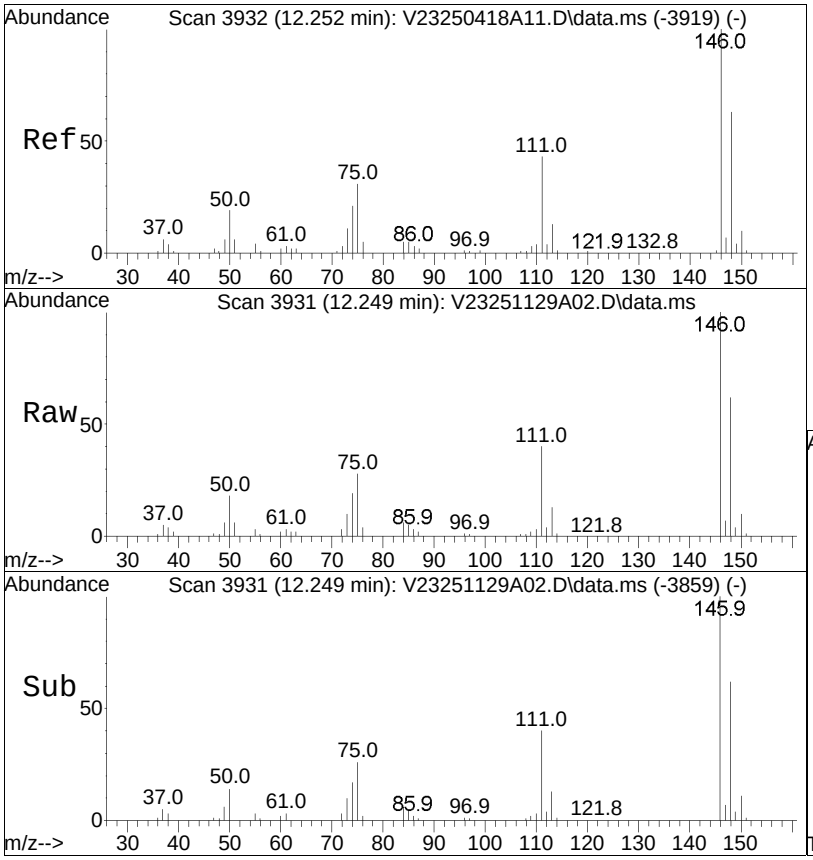


#103
n-Butylbenzene
Concen: 48.80 ug/L
RT: 12.107 min Scan# 3880
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 91 Resp: 539276

Ion	Ratio	Lower	Upper
91	100		
92	54.0	44.2	66.4
134	26.7	21.2	31.8

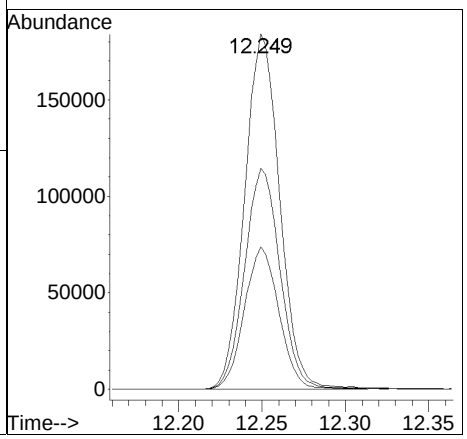


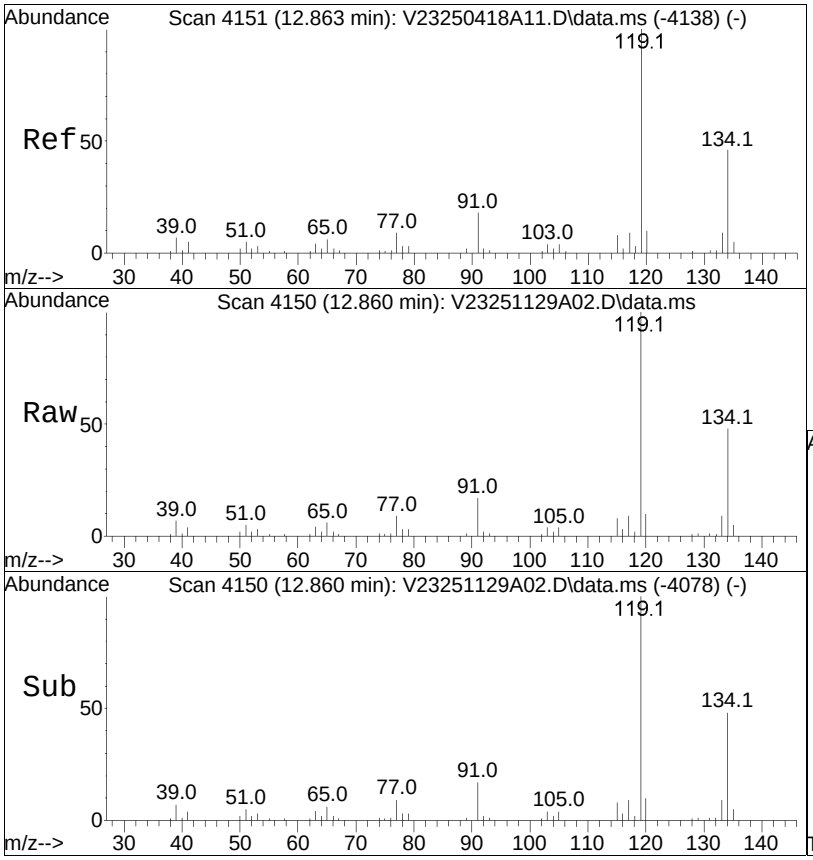


#104
1,2-Dichlorobenzene
Concen: 43.73 ug/L
RT: 12.249 min Scan# 3931
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:146 Resp: 270004

Ion	Ratio	Lower	Upper
146	100		
111	39.7	26.8	55.8
148	63.1	41.3	85.7

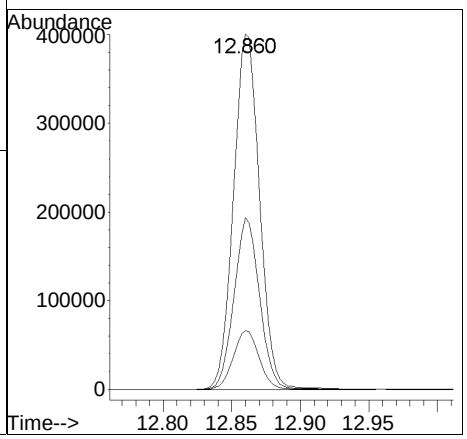


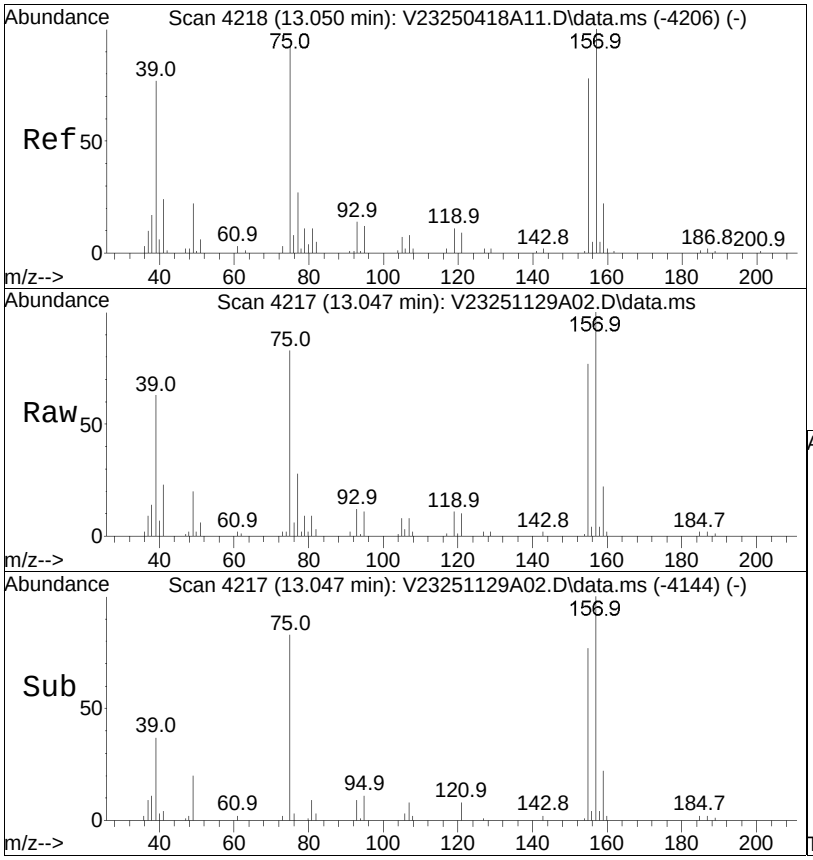


#105
1,2,4,5-Tetramethylbenzene
Concen: 44.59 ug/L
RT: 12.860 min Scan# 4150
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:119 Resp: 529605

Ion	Ratio	Lower	Upper
119	100		
134	47.4	31.3	64.9
91	16.5	10.3	21.3

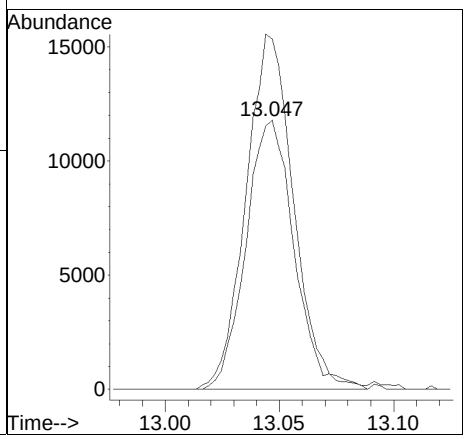


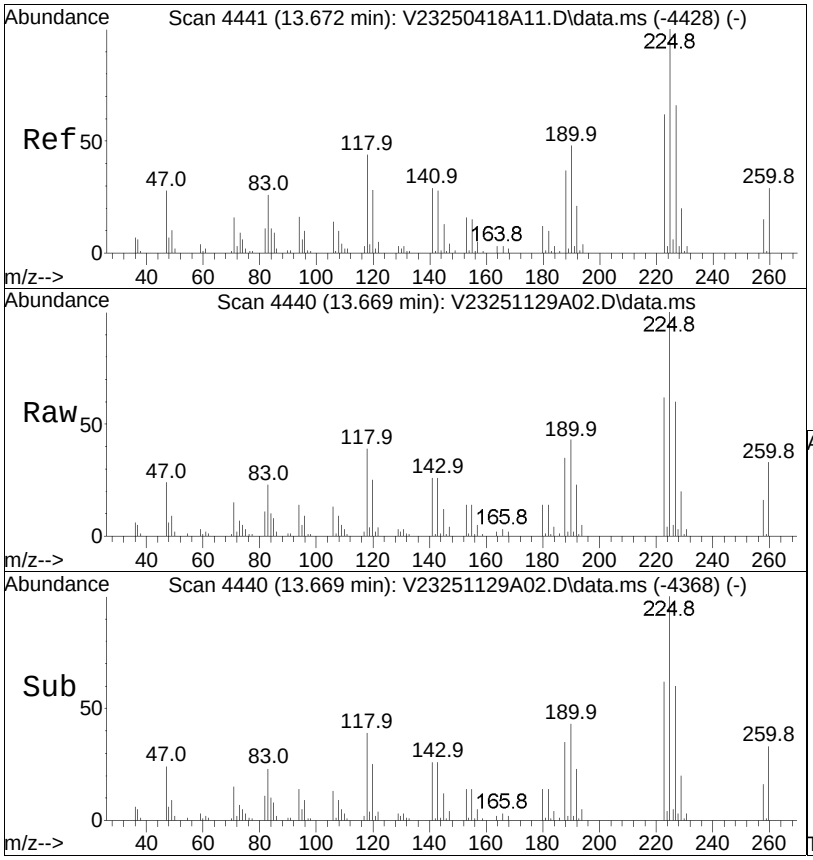


#106
1,2-Dibromo-3-chloropropane
Concen: 39.63 ug/L
RT: 13.047 min Scan# 4217
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:155 Resp: 17245

Ion	Ratio	Lower	Upper
155	100		
157	130.9	101.5	152.3

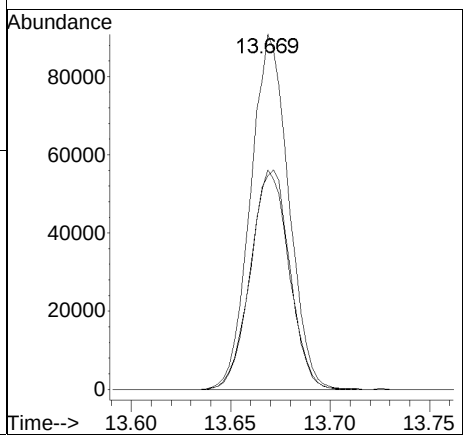


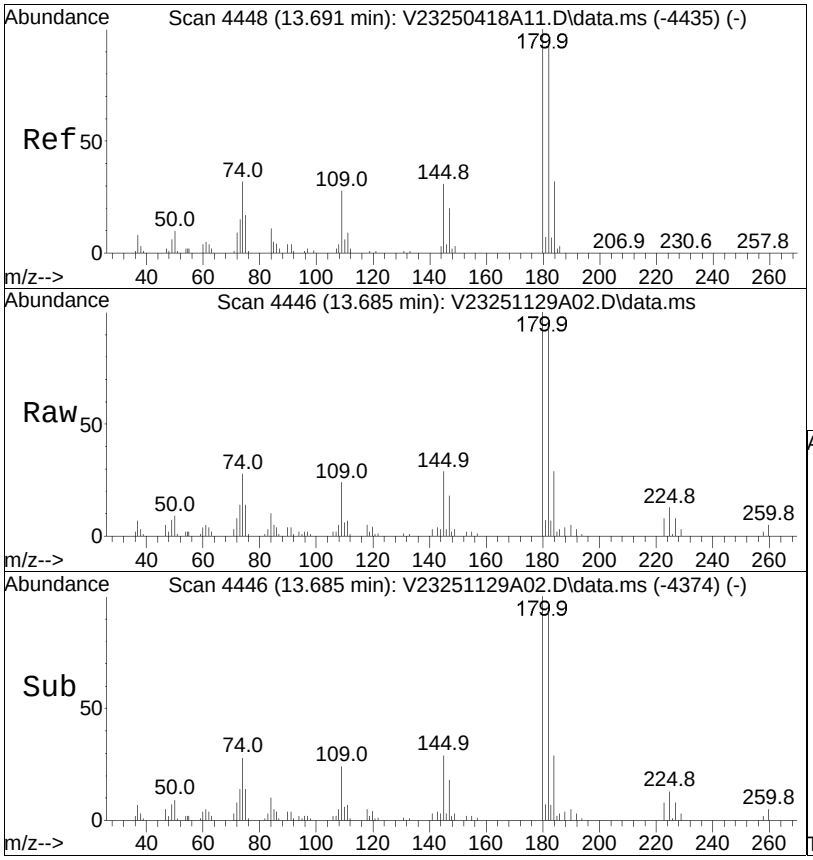


#108
Hexachlorobutadiene
Concen: 47.92 ug/L
RT: 13.669 min Scan# 4440
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:225 Resp: 121042

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.9	74.9
227	63.8	50.7	76.1

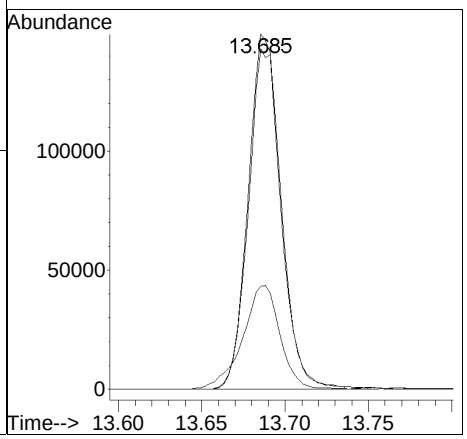


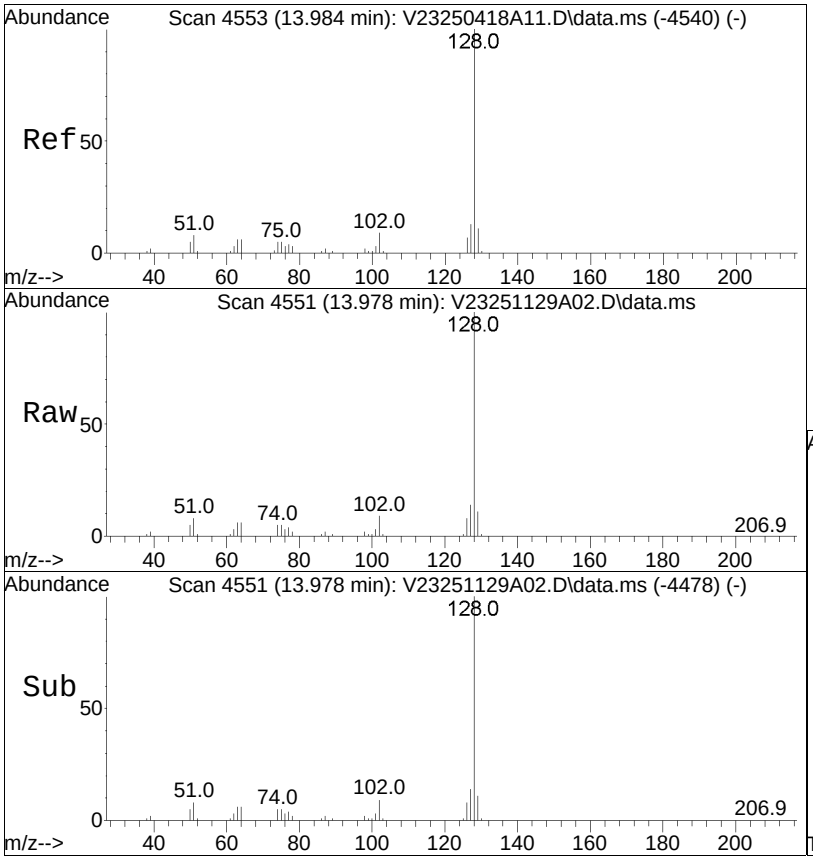


#109
1,2,4-Trichlorobenzene
Concen: 46.24 ug/L
RT: 13.685 min Scan# 4446
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:180 Resp: 205720

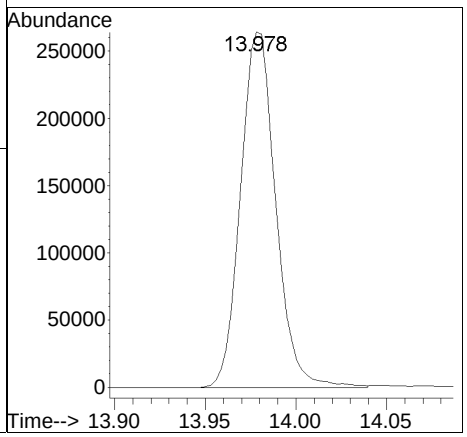
Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.4
145	33.2	27.4	41.2

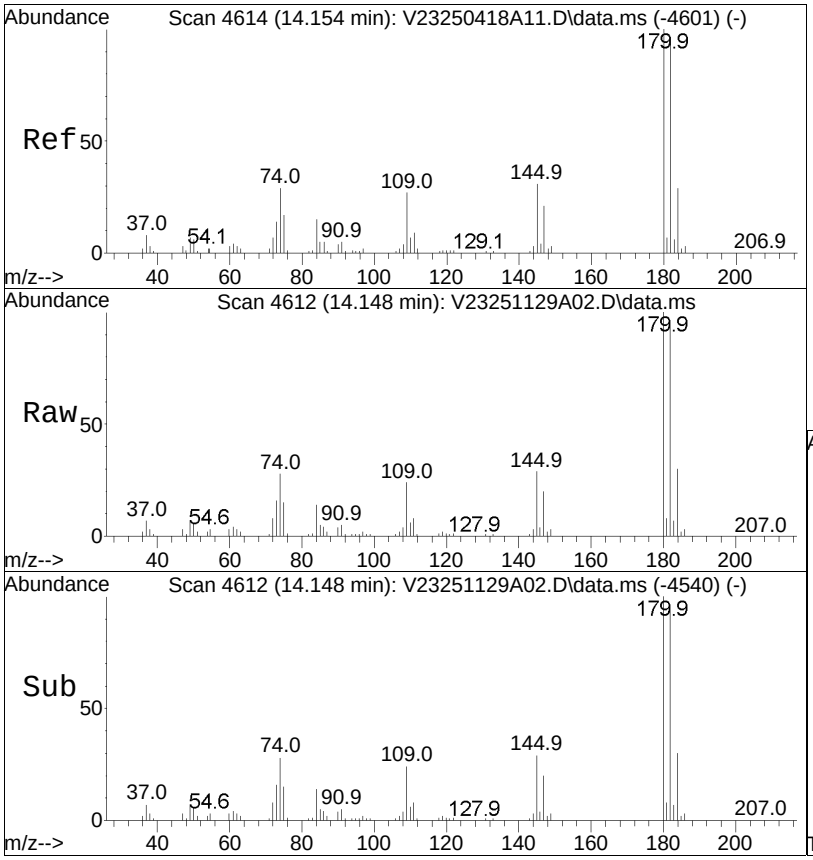




#110
Naphthalene
Concen: 41.87 ug/L
RT: 13.978 min Scan# 4551
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:128 Resp: 357056

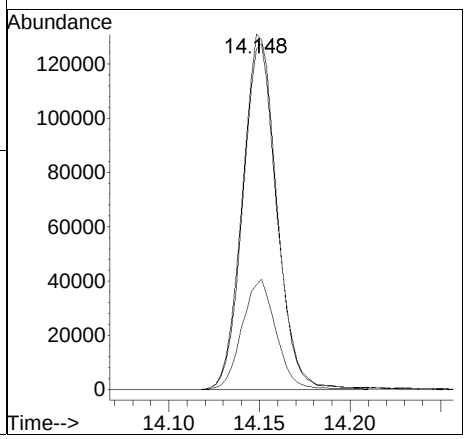




#111
1,2,3-Trichlorobenzene
Concen: 45.45 ug/L
RT: 14.148 min Scan# 4612
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:180 Resp: 173164

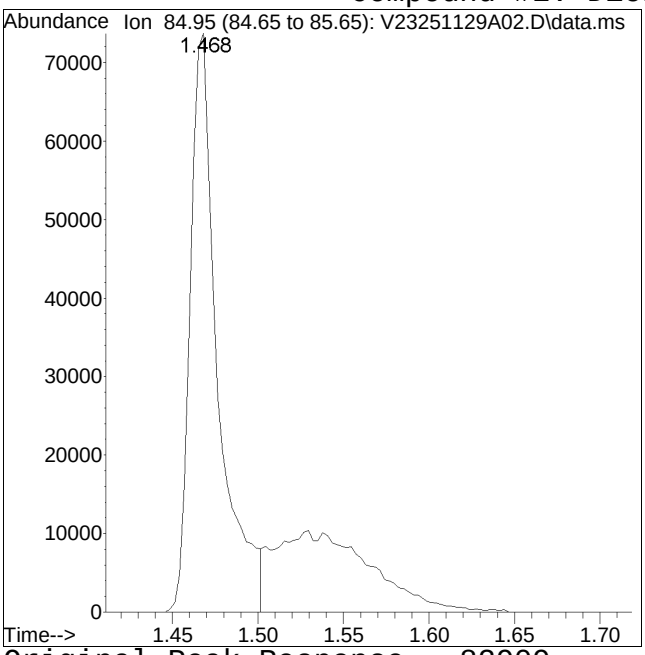
Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.4	113.0
145	30.4	25.2	37.8



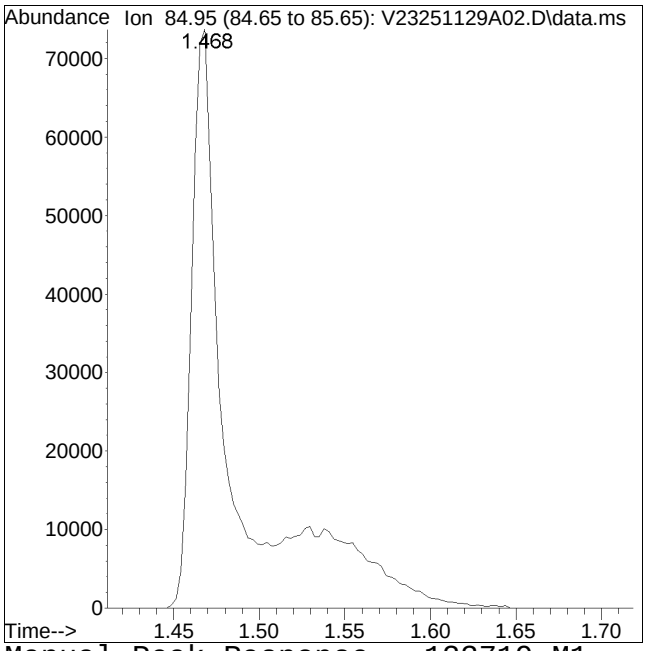
Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A02.D Operator : VOA123:MNF
Date Inj'd : 11/29/2025 10:17 am Instrument : VOA123
Sample : WG2148016-3,31h,15,15,0.1 Quant Date : 11/29/2025 10:42 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 82909



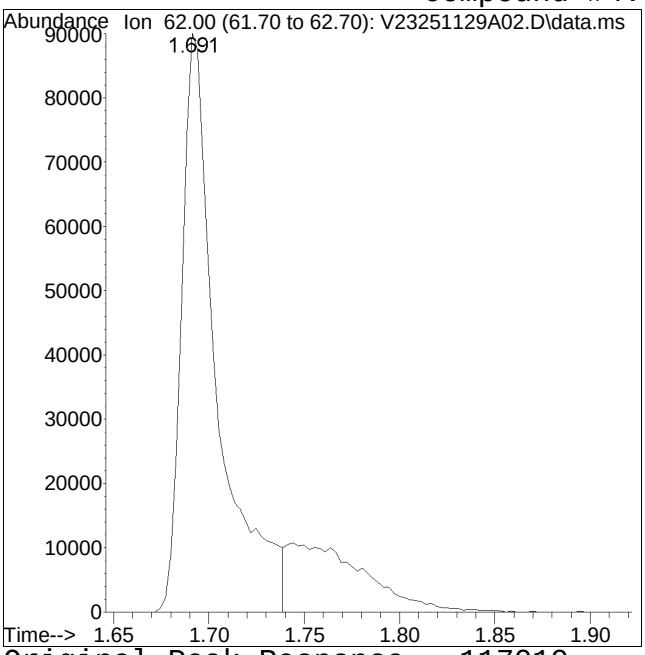
Manual Peak Response = 123719 M1

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

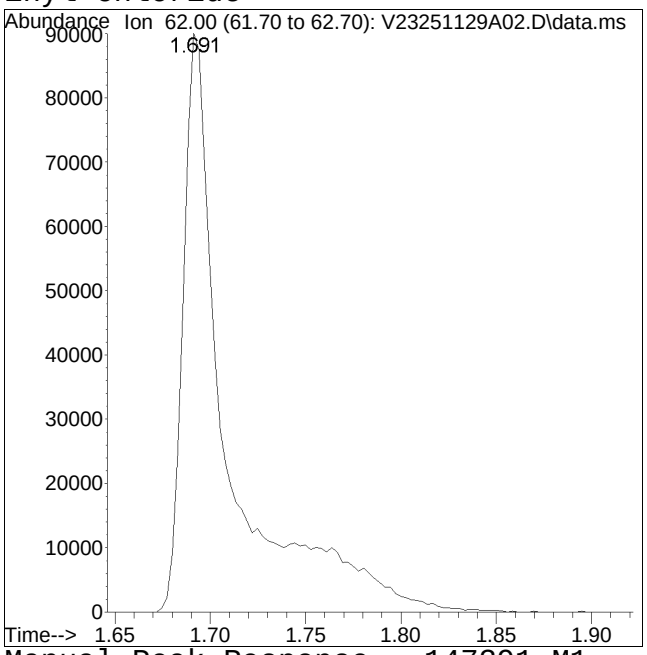
Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A02.D Operator : VOA123:MNF
Date Inj'd : 11/29/2025 10:17 am Instrument : VOA123
Sample : WG2148016-3,31h,15,15,0.1 Quant Date : 11/29/2025 10:42 am

Compound #4: Vinyl chloride



Original Peak Response = 117019



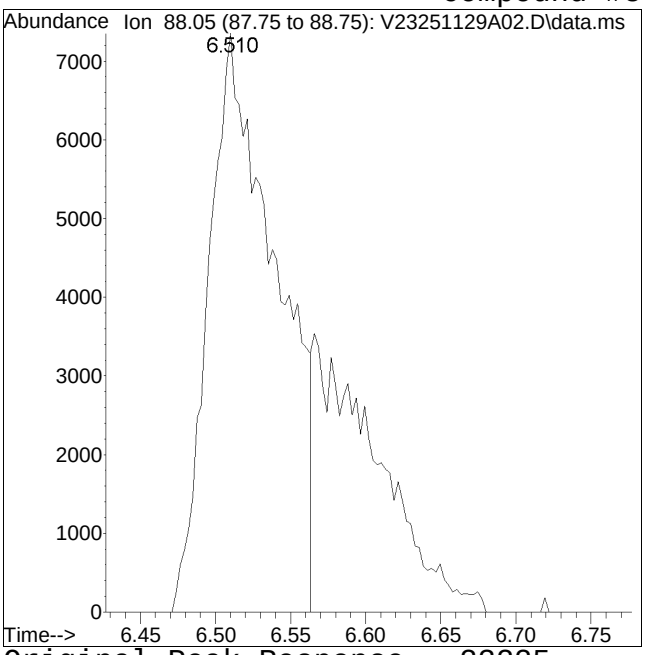
Manual Peak Response = 147391 M1

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

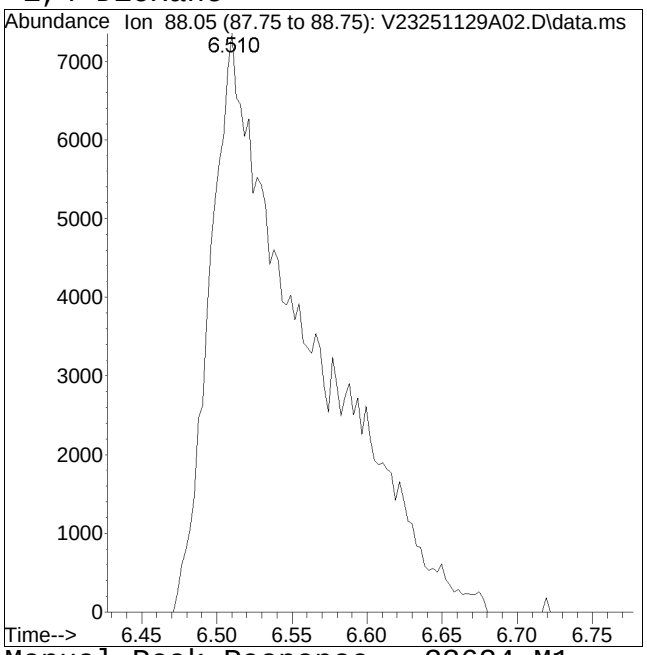
Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A02.D Operator : VOA123:MNF
Date Inj'd : 11/29/2025 10:17 am Instrument : VOA123
Sample : WG2148016-3,31h,15,15,0.1 Quant Date : 11/29/2025 10:42 am

Compound #57: 1,4-Dioxane



Original Peak Response = 23225



Manual Peak Response = 33634 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147799-3,31h,15,15,0.1
Misc : WG2147799,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.518	96	217255	20.000 ug/L	0.00
Standard Area 1 = 217255			Recovery = 100.00%		
59) Chlorobenzene-d5	8.990	117	158239	20.000 ug/L	0.00
Standard Area 1 = 158239			Recovery = 100.00%		
79) 1,4-Dichlorobenzene-d4	11.798	152	88479	20.000 ug/L	0.00
Standard Area 1 = 88479			Recovery = 100.00%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.731	113	54289	19.838 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.19%		
43) 1,2-Dichloroethane-d4	5.239	65	52446	18.723 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.61%		
60) Toluene-d8	7.174	98	203522	19.019 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.09%		
83) 4-Bromofluorobenzene	10.537	95	75528	19.094 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.47%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.466	85	124830M1	52.166 ug/L	
3) Chloromethane	1.661	50	126424	48.575 ug/L	98
4) Vinyl chloride	1.692	62	152317	53.916 ug/L	90
5) Bromomethane	1.965	94	122876	68.000 ug/L	100
6) Chloroethane	2.071	64	102235	52.215 ug/L	97
7) Trichlorofluoromethane	2.191	101	223005	52.187 ug/L	100
8) Ethyl ether	2.453	74	64142	44.889 ug/L	90
10) 1,1-Dichloroethene	2.626	96	107370	47.492 ug/L	91
11) Carbon disulfide	2.656	76	369496	44.363 ug/L	97
15) Methylene chloride	3.133	84	122867	41.865 ug/L	90
17) Acetone	3.170	43	41116M1	60.753 ug/L	
18) trans-1,2-Dichloroethene	3.276	96	123034	46.551 ug/L	96
20) Methyl tert-butyl ether	3.362	73	325768	43.224 ug/L	95
23) 1,1-Dichloroethane	3.817	63	222534	45.787 ug/L	100
25) Acrylonitrile	3.864	53	26487	45.215 ug/L #	88
27) Vinyl acetate	4.042	43	237479	42.250 ug/L	94
28) cis-1,2-Dichloroethene	4.310	96	134239	44.316 ug/L	96
29) 2,2-Dichloropropane	4.405	77	191517	47.878 ug/L	92
30) Bromochloromethane	4.494	128	59836	44.232 ug/L	97
32) Chloroform	4.561	83	224369	37.744 ug/L	96

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147799-3,31h,15,15,0.1
Misc : WG2147799,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	4.695	117	178078	46.240	ug/L		100
37) 1,1,1-Trichloroethane	4.756	97	201171	48.949	ug/L		98
39) 2-Butanone	4.848	43	33141	40.166	ug/L	#	72
40) 1,1-Dichloropropene	4.876	75	164459	51.398	ug/L		99
41) Benzene	5.111	78	465902	46.002	ug/L		97
44) 1,2-Dichloroethane	5.306	62	156814	42.447	ug/L		98
48) Trichloroethene	5.691	95	132222	47.562	ug/L		99
50) Dibromomethane	6.114	93	68748	41.620	ug/L		98
51) 1,2-Dichloropropane	6.215	63	121340	43.523	ug/L		100
54) Bromodichloromethane	6.290	83	170141	43.466	ug/L		99
57) 1,4-Dioxane	6.516	88	40273	2491.073	ug/L		95
58) cis-1,3-Dichloropropene	6.971	75	191390	44.443	ug/L	#	91
61) Toluene	7.230	92	298175	44.326	ug/L		100
62) 4-Methyl-2-pentanone	7.665	58	30172	42.128	ug/L	#	80
63) Tetrachloroethene	7.673	166	145089	50.141	ug/L		99
65) trans-1,3-Dichloropropene	7.710	75	163849	43.243	ug/L		99
68) 1,1,2-Trichloroethane	7.891	83	81148	42.002	ug/L		99
69) Chlorodibromomethane	8.094	129	122462	44.123	ug/L		98
70) 1,3-Dichloropropane	8.206	76	159840	41.902	ug/L		100
71) 1,2-Dibromoethane	8.362	107	95130	44.359	ug/L		99
72) 2-Hexanone	8.669	43	48852	38.000	ug/L		91
73) Chlorobenzene	9.009	112	341068	44.367	ug/L	#	86
74) Ethylbenzene	9.054	91	589038	44.235	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.096	131	125664	44.738	ug/L		99
76) p/m Xylene	9.241	106	460305	92.452	ug/L		100
77) o Xylene	9.782	106	445645	88.689	ug/L		100
78) Styrene	9.854	104	738105M1	87.176	ug/L		
80) Bromoform	9.865	173	76964	40.074	ug/L		100
82) Isopropylbenzene	10.197	105	599582	45.206	ug/L		99
84) Bromobenzene	10.649	156	149390	41.782	ug/L		99
85) n-Propylbenzene	10.707	91	704398	44.613	ug/L		99
87) 1,1,2,2-Tetrachloroethane	10.799	83	118041	40.443	ug/L		99
88) 4-Ethyltoluene	10.841	105	590021	44.905	ug/L		100
89) 2-Chlorotoluene	10.875	91	426663M6	43.276	ug/L		
90) 1,3,5-Trimethylbenzene	10.950	105	508400	43.620	ug/L		99
91) 1,2,3-Trichloropropane	10.939	75	91170M4	39.512	ug/L		
92) trans-1,4-Dichloro-2-b...	11.003	53	32664	40.057	ug/L	#	80
93) 4-Chlorotoluene	11.070	91	425469	42.463	ug/L		99
94) tert-Butylbenzene	11.299	119	435580	44.635	ug/L		99

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147799-3,31h,15,15,0.1
Misc : WG2147799,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.382	105	502969	43.417	ug/L	99
98) sec-Butylbenzene	11.497	105	660844	45.267	ug/L	100
99) p-Isopropyltoluene	11.661	119	573975	45.397	ug/L	99
100) 1,3-Dichlorobenzene	11.720	146	296442	43.854	ug/L	99
101) 1,4-Dichlorobenzene	11.817	146	294709	42.553	ug/L	98
102) p-Diethylbenzene	12.049	119	345207	46.114	ug/L	99
103) n-Butylbenzene	12.107	91	541147	47.712	ug/L	99
104) 1,2-Dichlorobenzene	12.250	146	270050	42.619	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.860	119	538239	44.158	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.044	155	17099	38.290	ug/L	96
108) Hexachlorobutadiene	13.669	225	122997	47.448	ug/L	99
109) 1,2,4-Trichlorobenzene	13.688	180	205578	45.020	ug/L	99
110) Naphthalene	13.979	128	364877	41.694	ug/L	100
111) 1,2,3-Trichlorobenzene	14.149	180	170150	43.517	ug/L	98

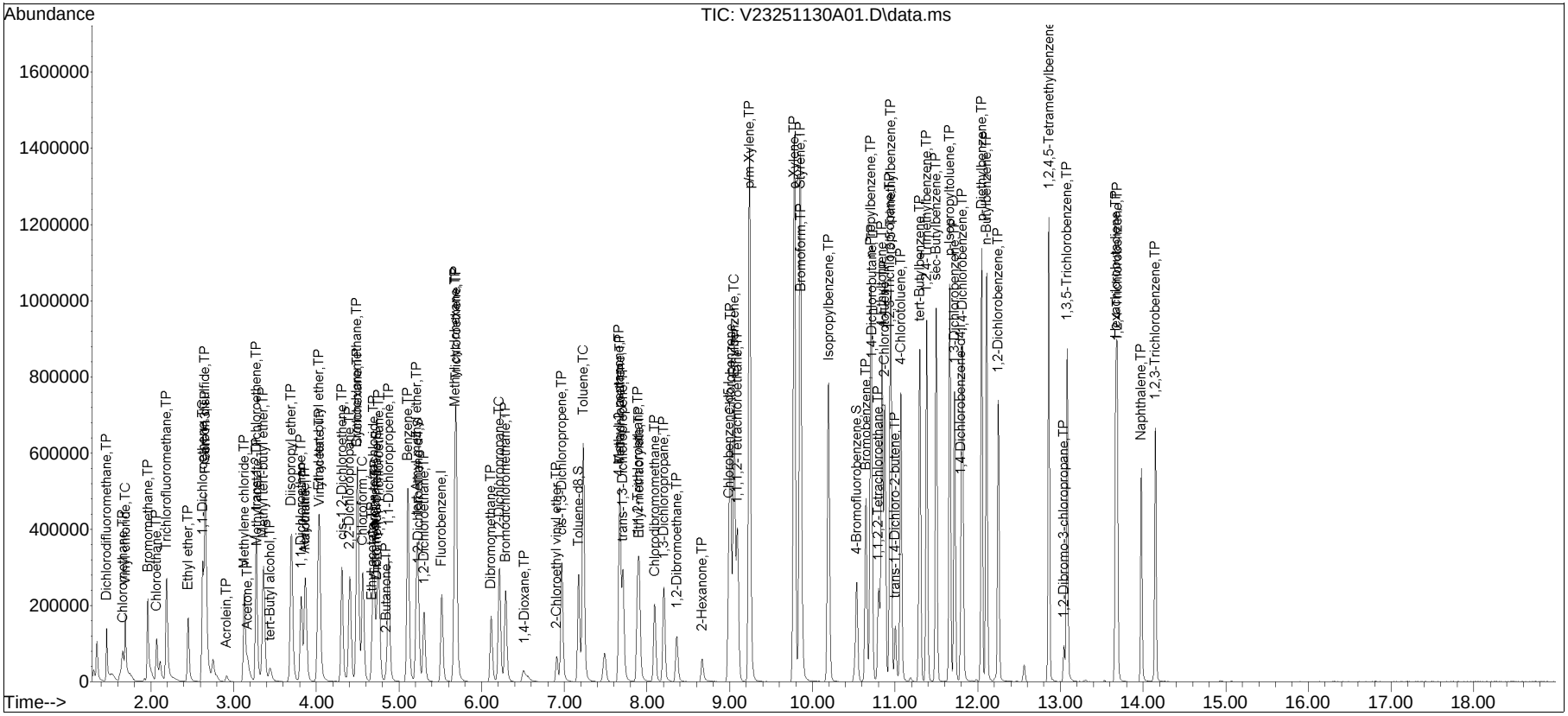
(#) = qualifier out of range (m) = manual integration (+) = signals summed

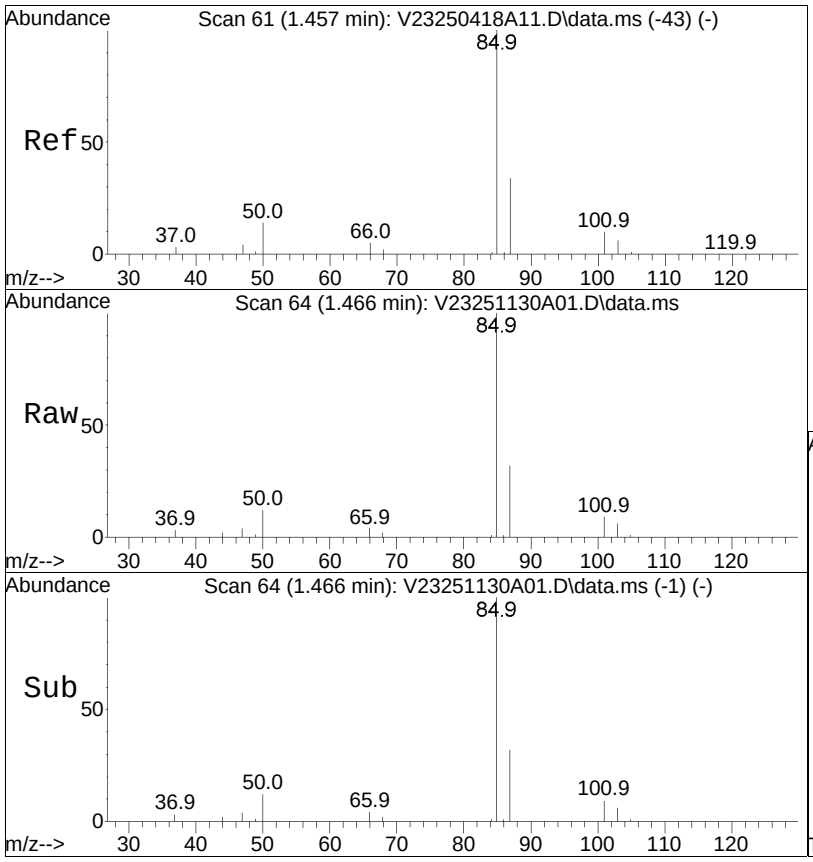
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A01.D
Acq On : 30 Nov 2025 04:39 pm
Operator : VOA123:RAW
Sample : WG2147799-3,31h,15,15,0.1
Misc : WG2147799,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 17:35:54 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox30A01.D•

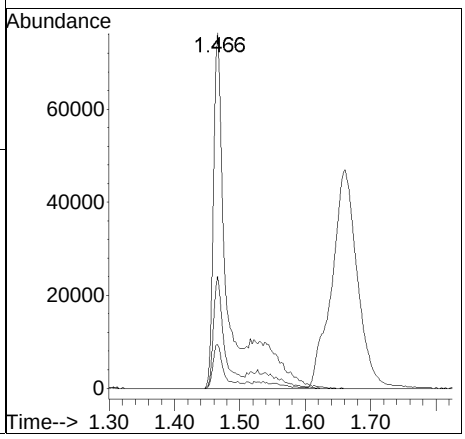


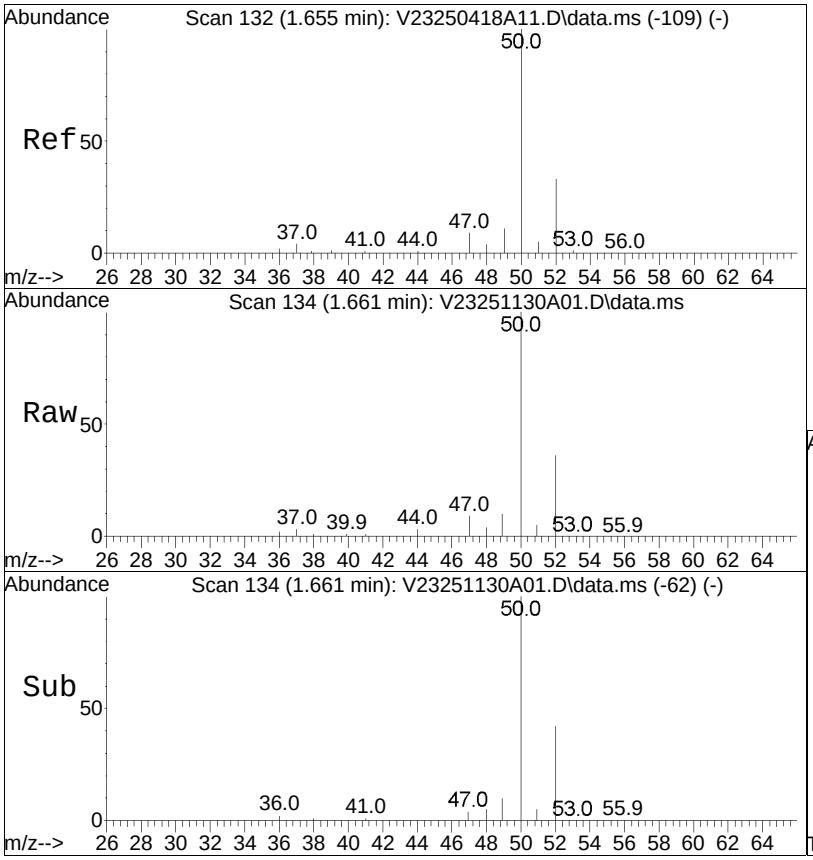


#2
Dichlorodifluoromethane
Concen: 52.17 ug/L M1
RT: 1.466 min Scan# 64
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 85 Resp: 124830

Ion	Ratio	Lower	Upper
85	100		
87	21.8	21.1	43.7
50	8.1	7.3	15.3

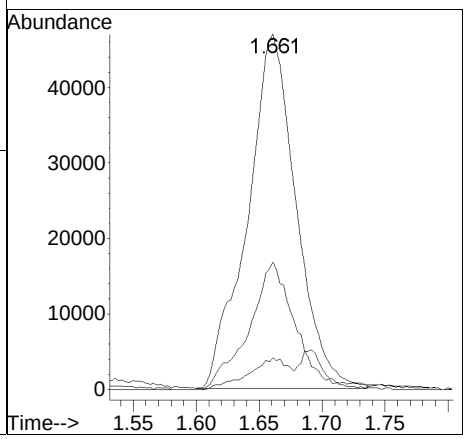


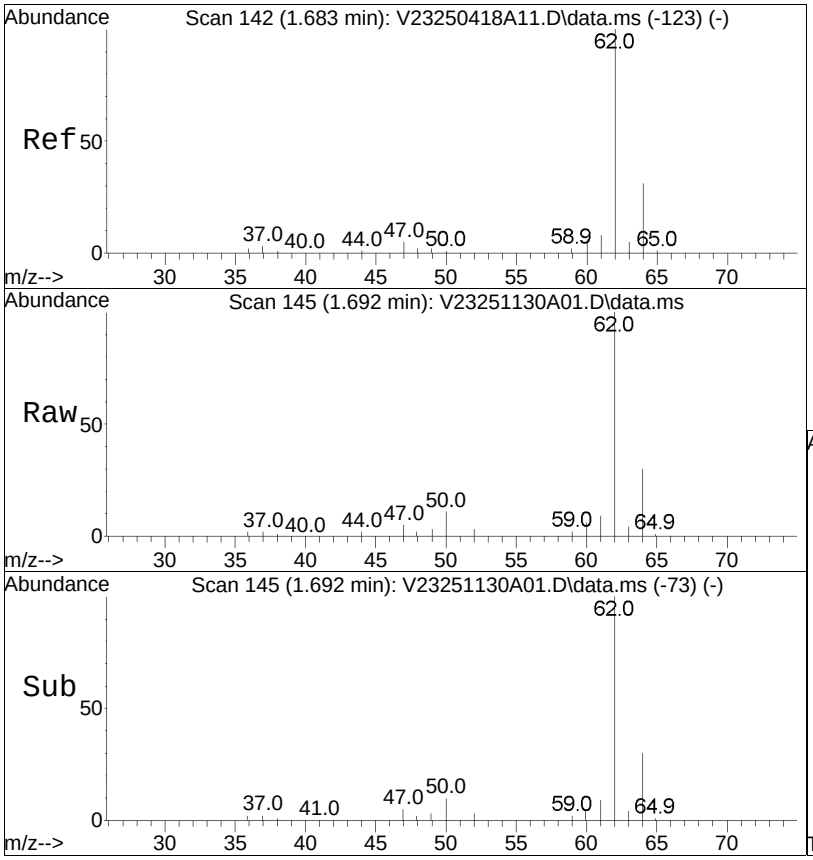


#3
Chloromethane
Concen: 48.57 ug/L
RT: 1.661 min Scan# 134
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 50 Resp: 126424

Ion	Ratio	Lower	Upper
50	100		
52	34.1	12.7	52.7
47	7.3	0.0	28.1

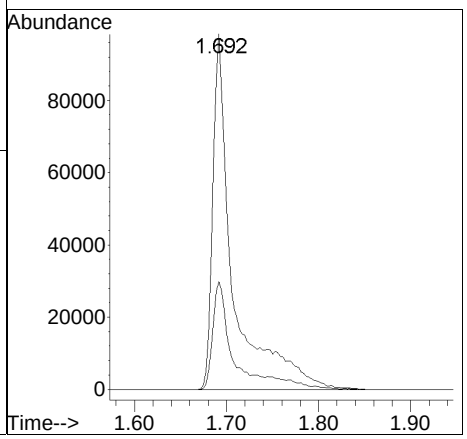


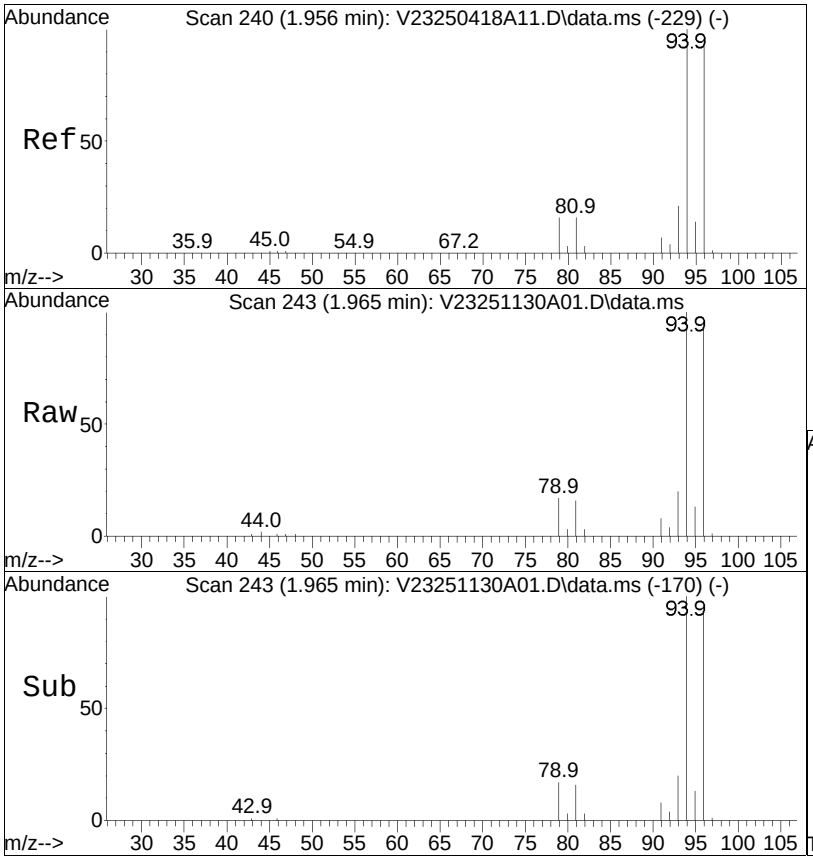


#4
Vinyl chloride
Concen: 53.92 ug/L
RT: 1.692 min Scan# 145
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 62 Resp: 152317

Ion	Ratio	Lower	Upper
62	100		
64	26.5	12.0	52.0

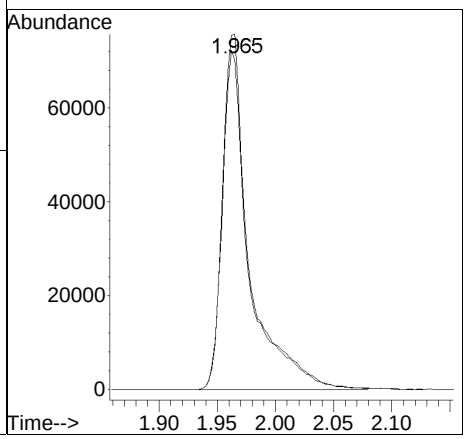


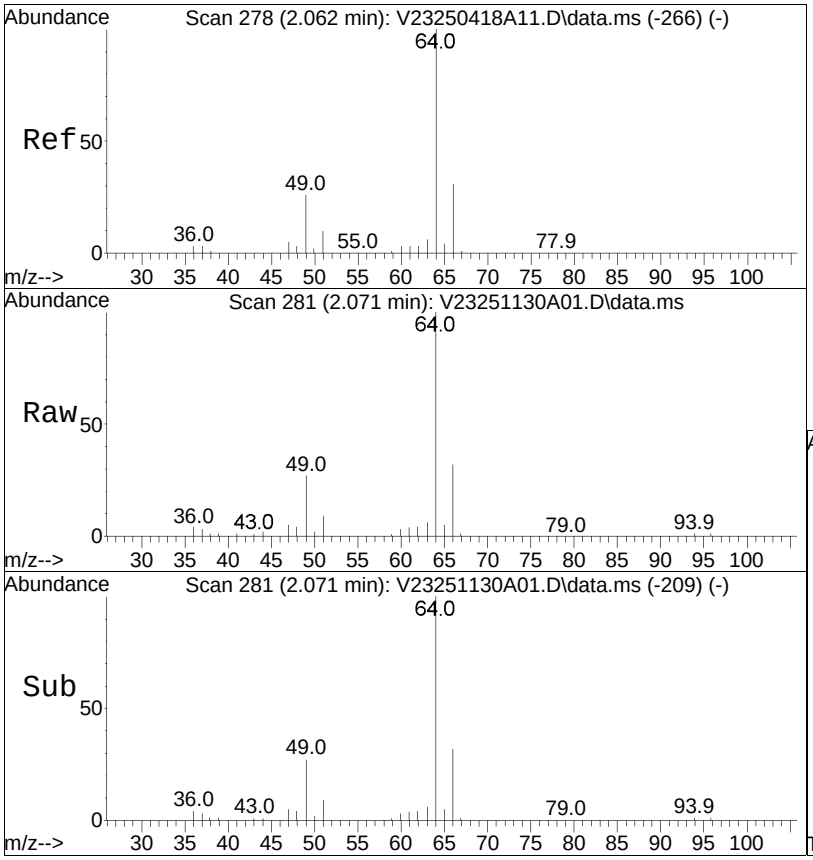


#5
Bromomethane
Concen: 68.00 ug/L
RT: 1.965 min Scan# 243
Delta R.T. 0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 94 Resp: 122876

Ion	Ratio	Lower	Upper
94	100		
96	94.3	74.6	114.6

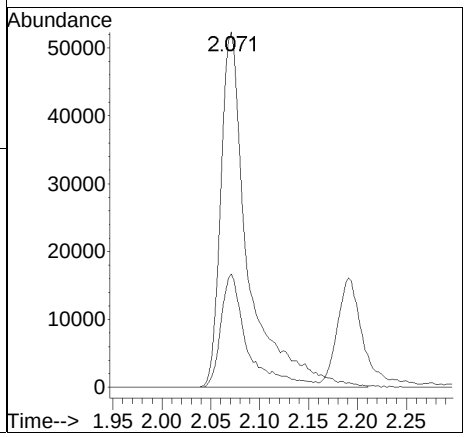


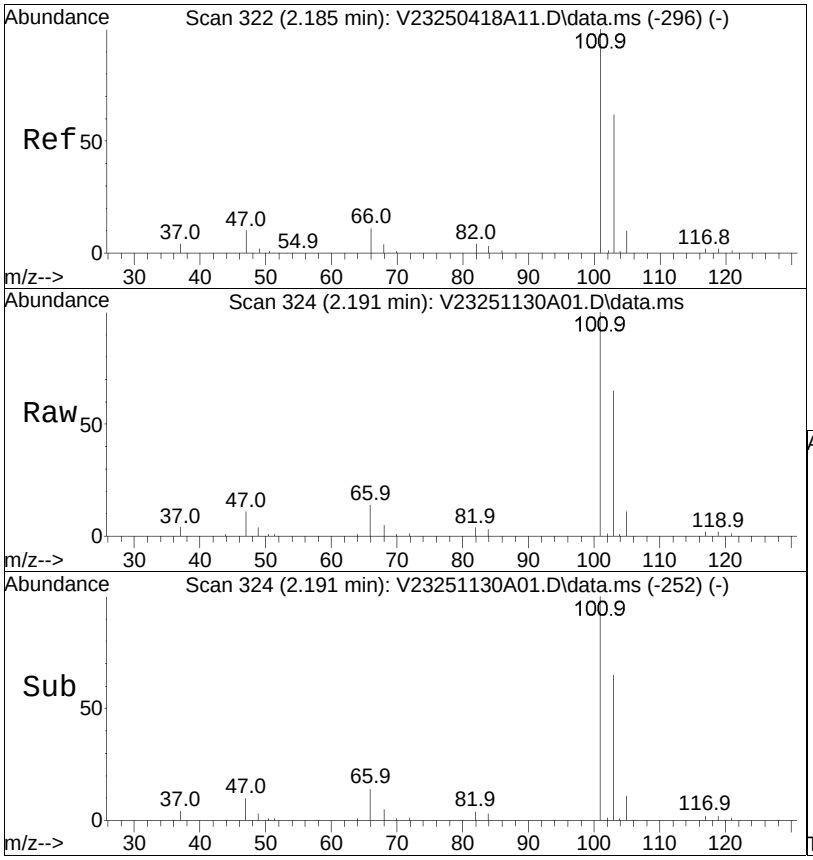


#6
Chloroethane
Concen: 52.21 ug/L
RT: 2.071 min Scan# 281
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 64 Resp: 102235

Ion	Ratio	Lower	Upper
64	100		
66	31.1	12.6	52.6

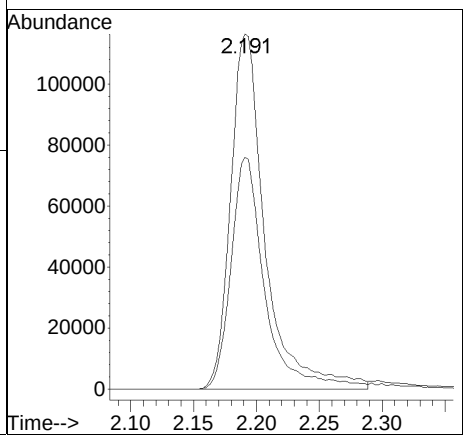


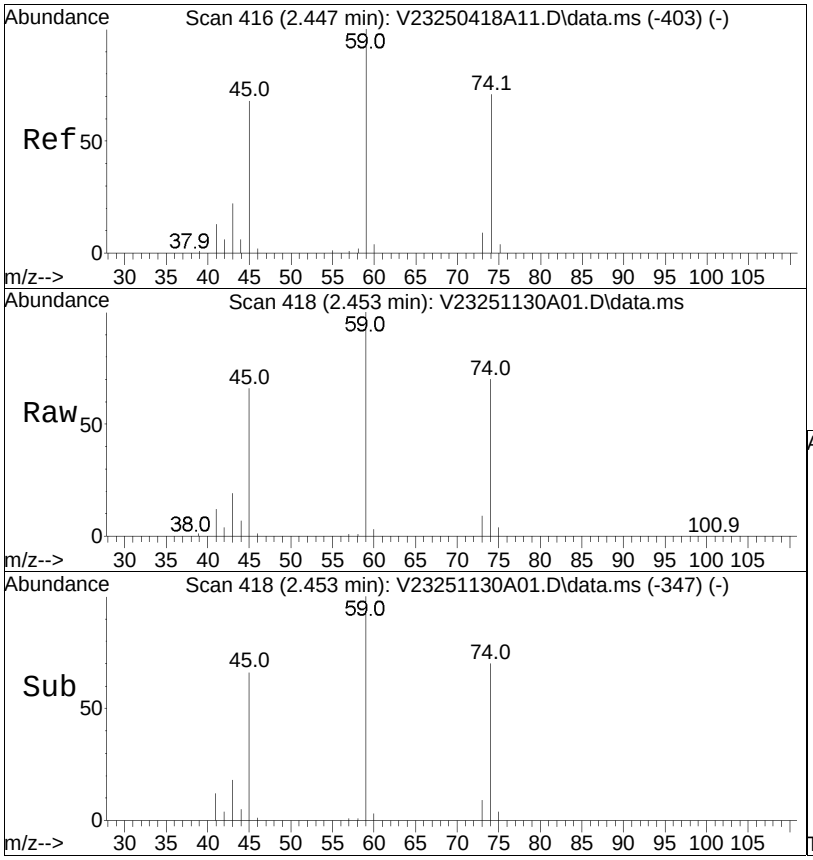


#7
Trichlorofluoromethane
Concen: 52.19 ug/L
RT: 2.191 min Scan# 324
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:101 Resp: 223005

Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.4	77.2

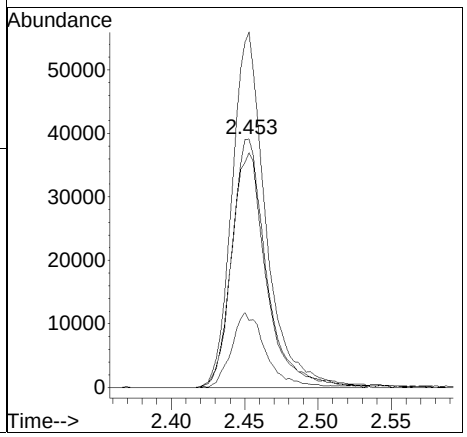


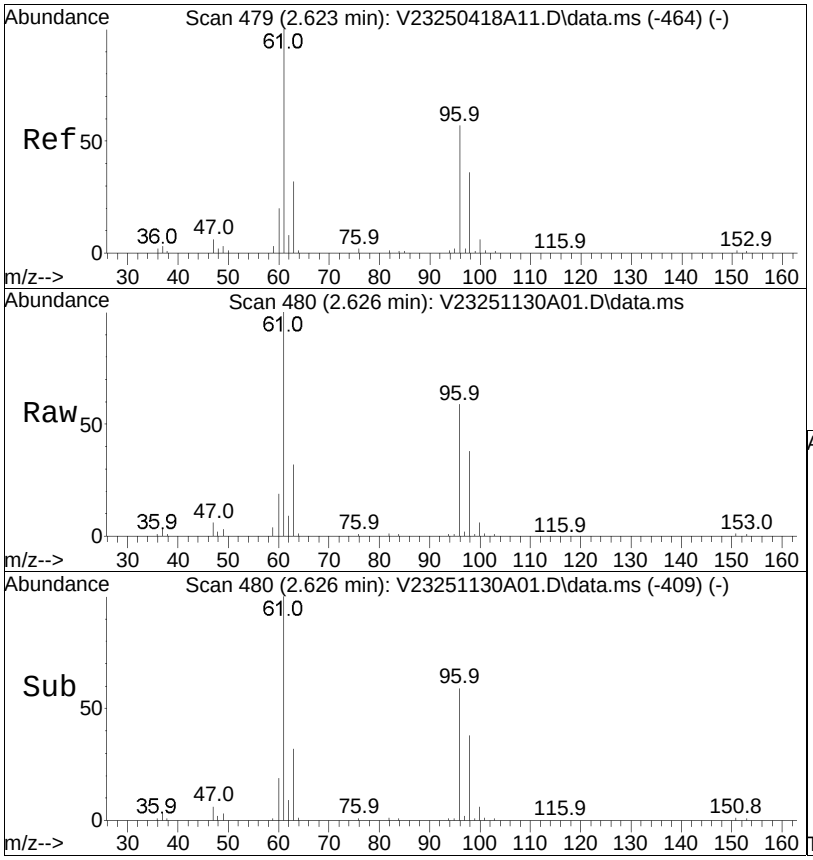


#8
Ethyl ether
Concen: 44.89 ug/L
RT: 2.453 min Scan# 418
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 74 Resp: 64142

Ion	Ratio	Lower	Upper
74	100		
59	139.7	84.3	175.1
45	95.7	55.4	115.2
43	30.0	15.9	32.9

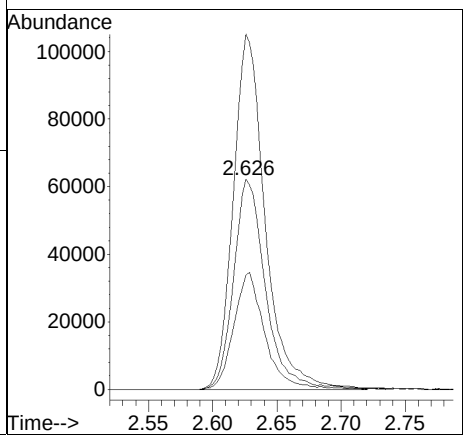


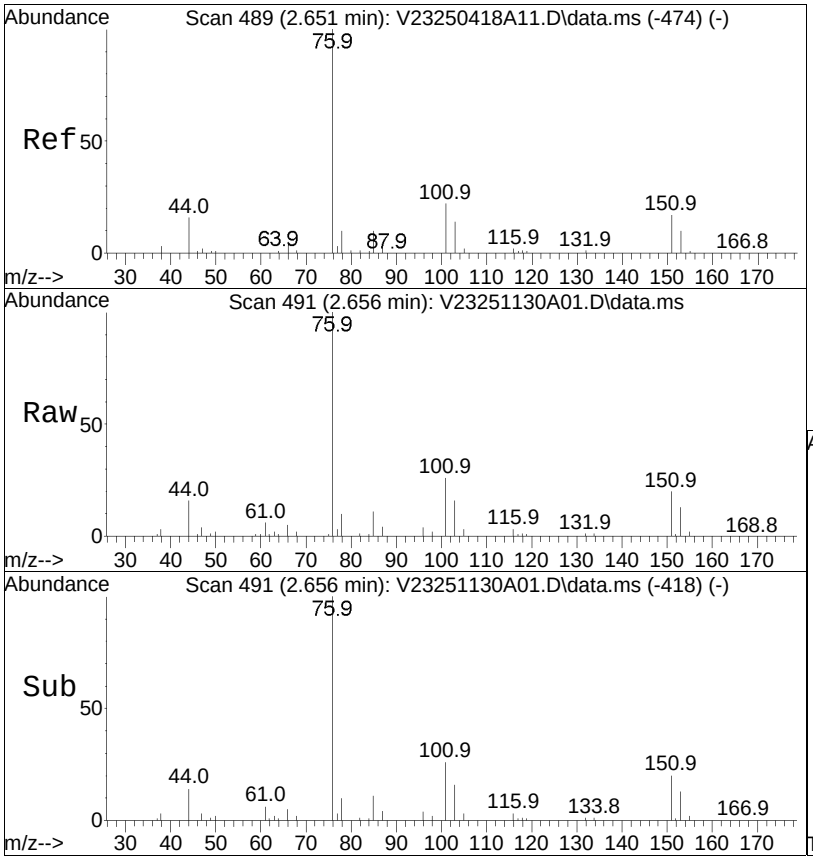


#10
1,1-Dichloroethene
Concen: 47.49 ug/L
RT: 2.626 min Scan# 480
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 96 Resp: 107370

Ion	Ratio	Lower	Upper
96	100		
61	169.8	124.5	186.7
63	54.2	40.7	61.1

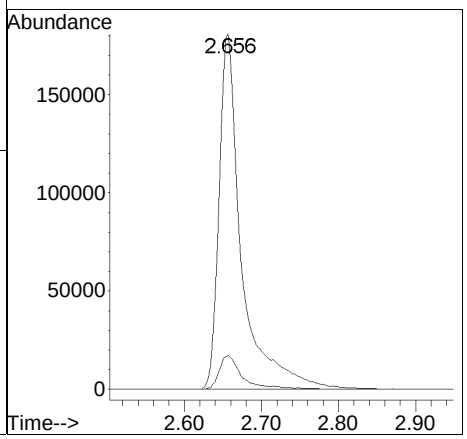


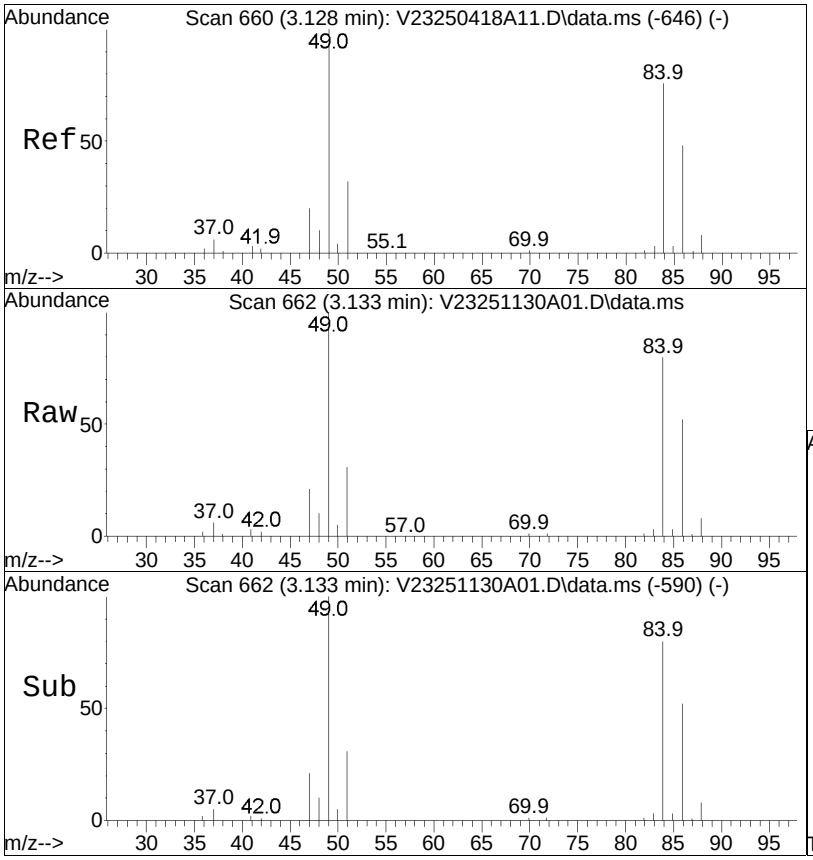


#11
Carbon disulfide
Concen: 44.36 ug/L
RT: 2.656 min Scan# 491
Delta R.T. 0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 76 Resp: 369496

Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.7	13.9

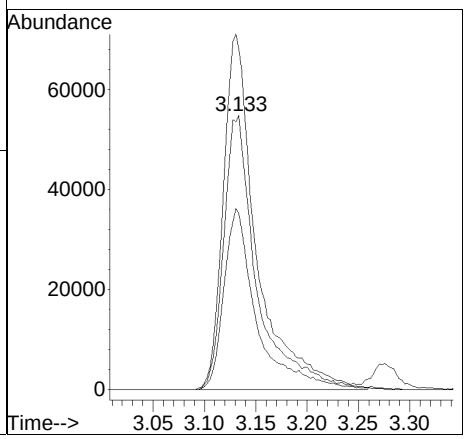


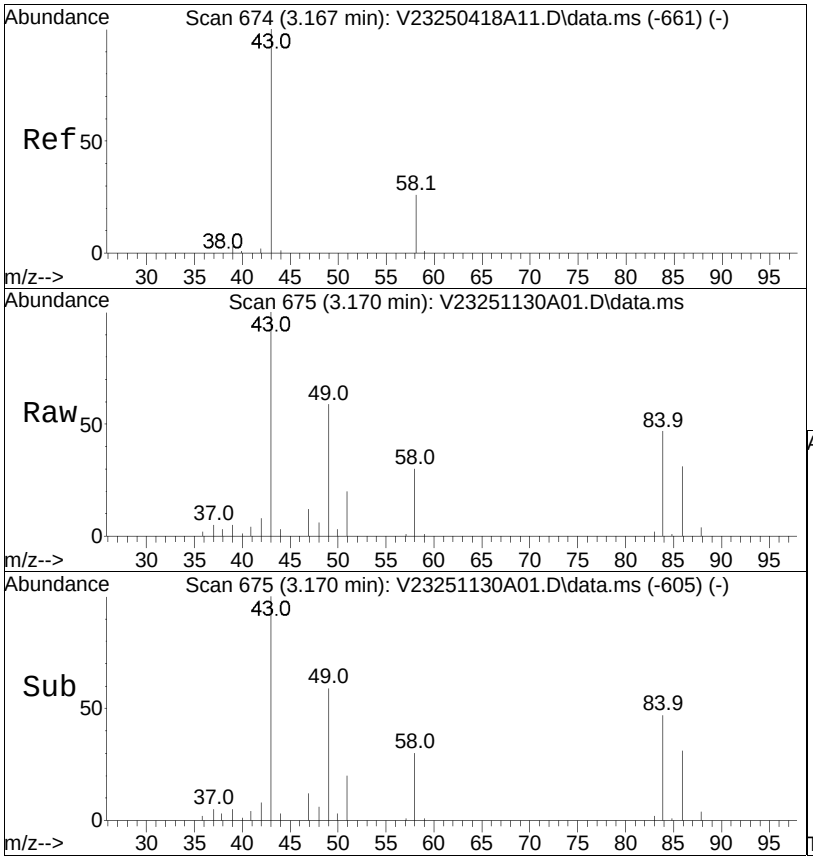


#15
Methylene chloride
Concen: 41.87 ug/L
RT: 3.133 min Scan# 662
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 84 Resp: 122867

Ion	Ratio	Lower	Upper
84	100		
86	65.4	42.0	87.2
49	130.2	74.0	153.6

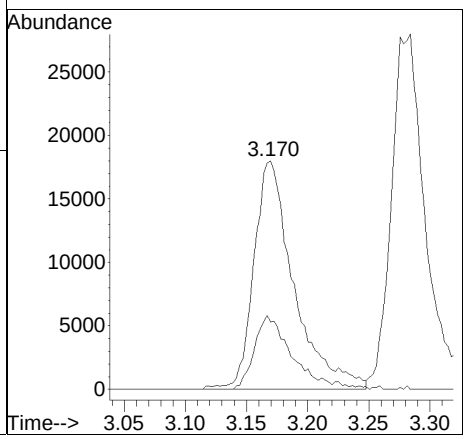


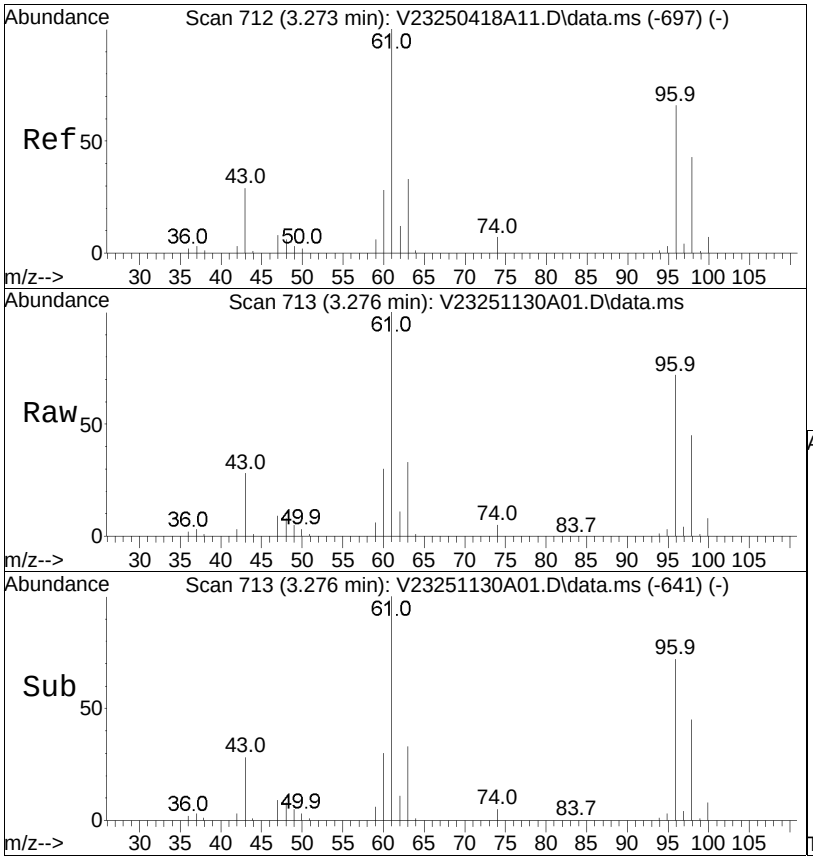


#17
Acetone
Concen: 60.75 ug/L M1
RT: 3.170 min Scan# 675
Delta R.T. -0.002 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 43 Resp: 41116

Ion	Ratio	Lower	Upper
43	100		
58	29.3	28.2	42.4

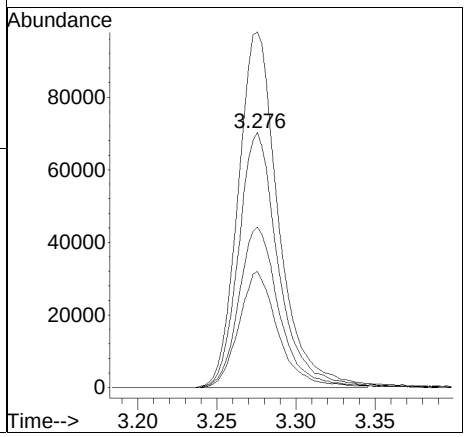


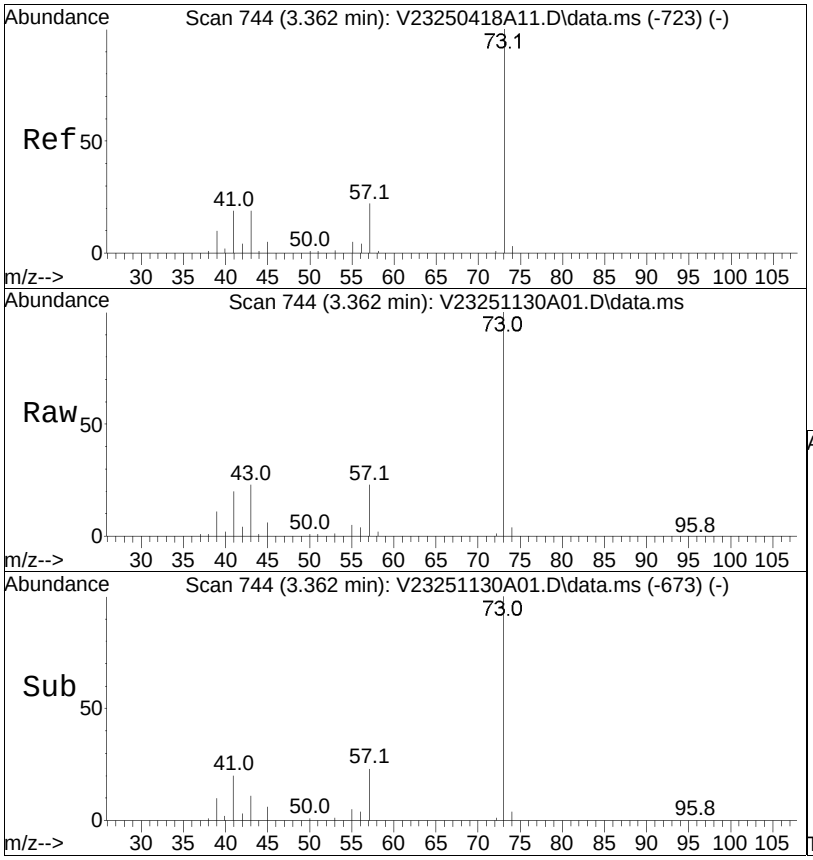


#18
trans-1,2-Dichloroethene
Concen: 46.55 ug/L
RT: 3.276 min Scan# 713
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 96 Resp: 123034

Ion	Ratio	Lower	Upper
96	100		
61	142.6	87.3	181.3
98	63.8	41.1	85.5
63	45.1	28.3	58.7

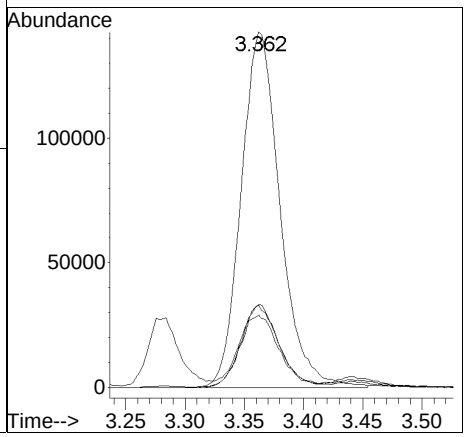


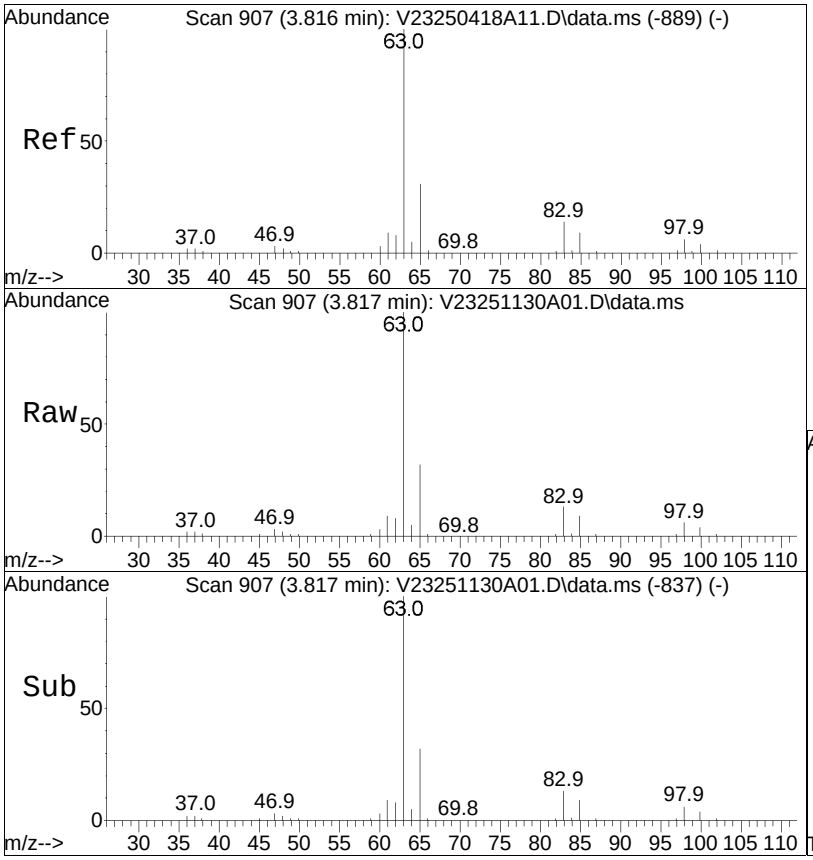


#20
Methyl tert-butyl ether
Concen: 43.22 ug/L
RT: 3.362 min Scan# 744
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 73 Resp: 325768

Ion	Ratio	Lower	Upper
73	100		
57	22.5	14.2	29.4
43	22.5	12.4	25.7
41	20.8	11.6	24.0

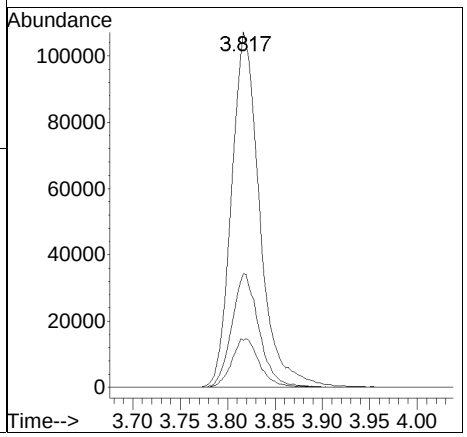


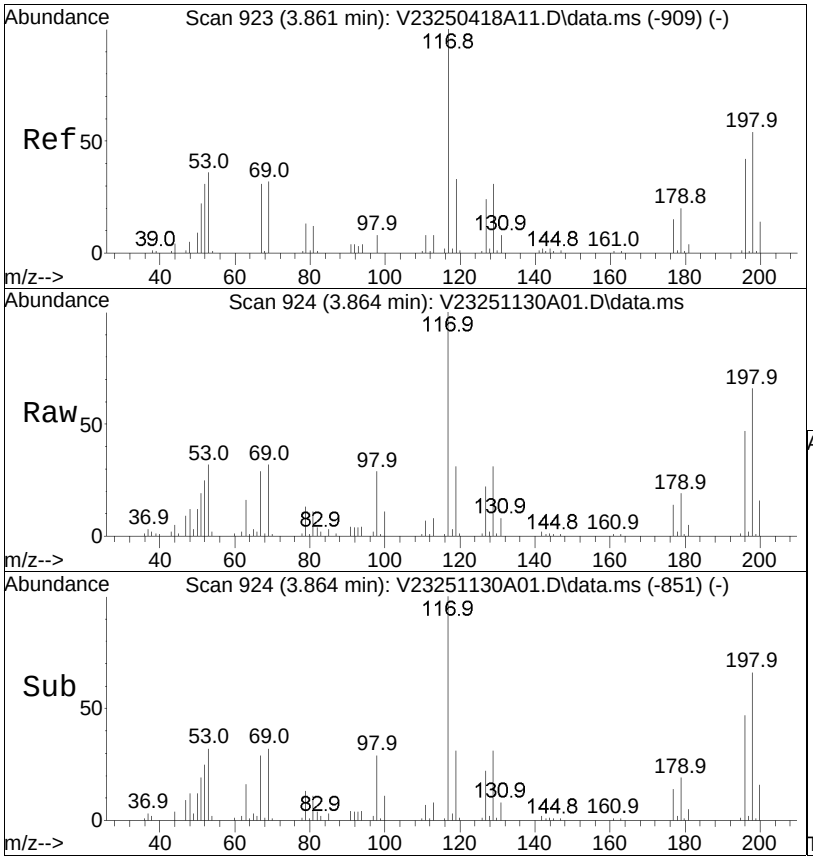


#23
1,1-Dichloroethane
Concen: 45.79 ug/L
RT: 3.817 min Scan# 907
Delta R.T. -0.006 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 63 Resp: 222534

Ion	Ratio	Lower	Upper
63	100		
65	31.0	11.1	51.1
83	13.5	0.0	33.3

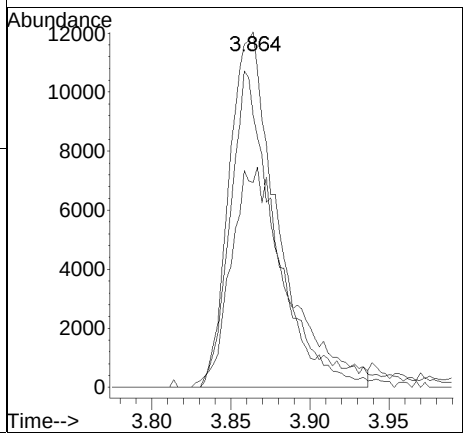


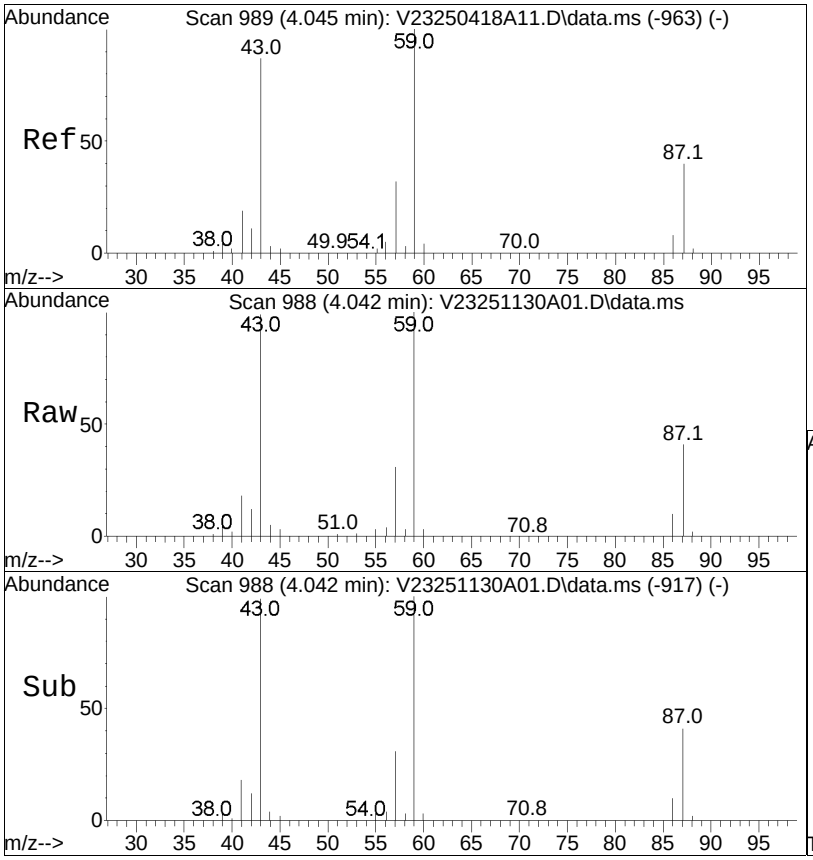


#25
Acrylonitrile
Concen: 45.22 ug/L
RT: 3.864 min Scan# 924
Delta R.T. 0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 53 Resp: 26487

Ion	Ratio	Lower	Upper
53	100		
52	80.3	67.1	100.7
51	65.6	38.5	57.7#

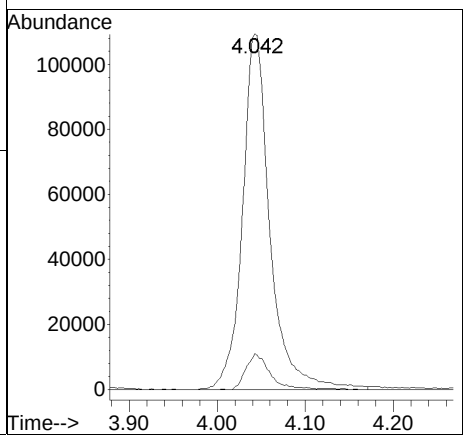


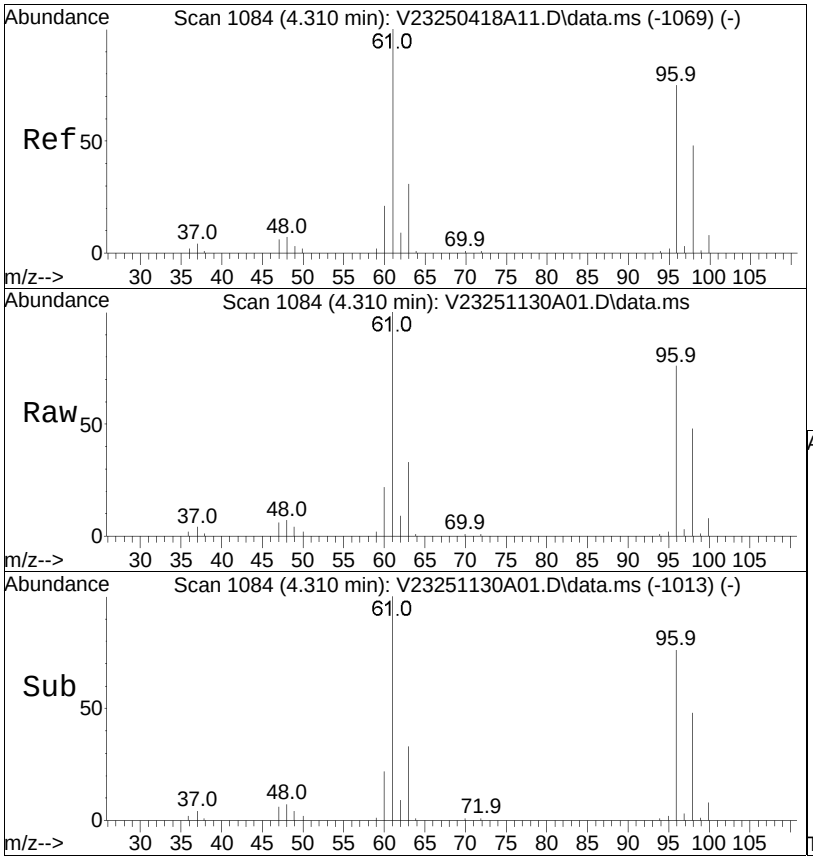


#27
Vinyl acetate
Concen: 42.25 ug/L
RT: 4.042 min Scan# 988
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 43 Resp: 237479

Ion	Ratio	Lower	Upper
43	100		
86	8.6	8.6	12.8

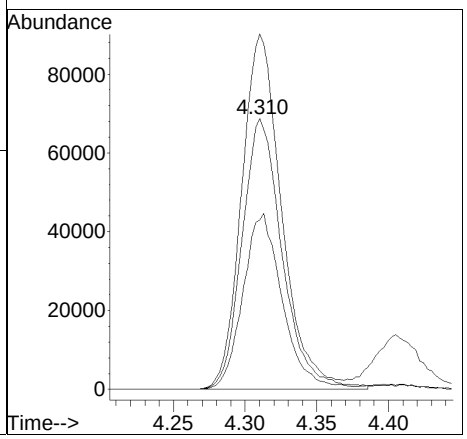


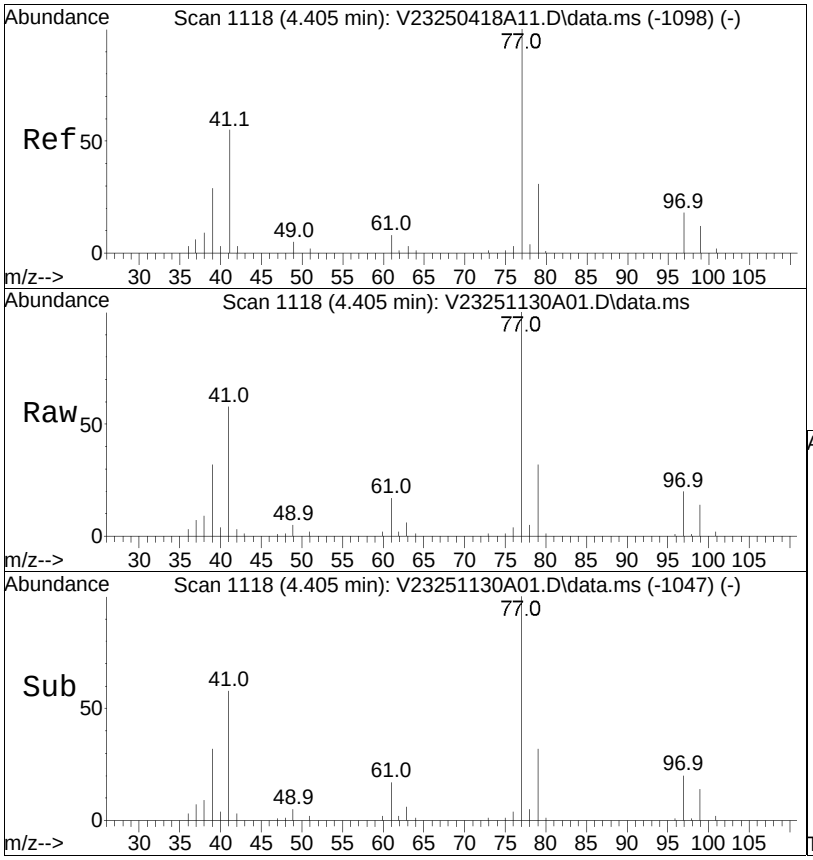


#28
cis-1,2-Dichloroethene
Concen: 44.32 ug/L
RT: 4.310 min Scan# 1084
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 96 Resp: 134239

Ion	Ratio	Lower	Upper
96	100		
61	130.2	98.2	147.2
98	63.9	51.0	76.6

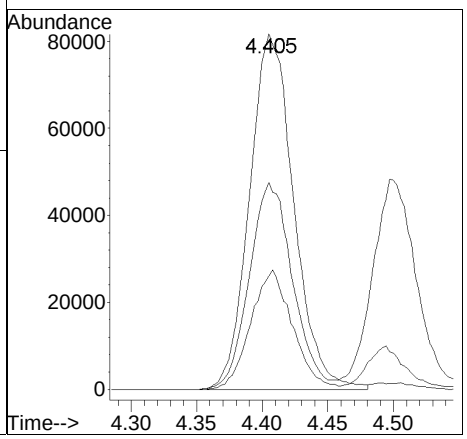


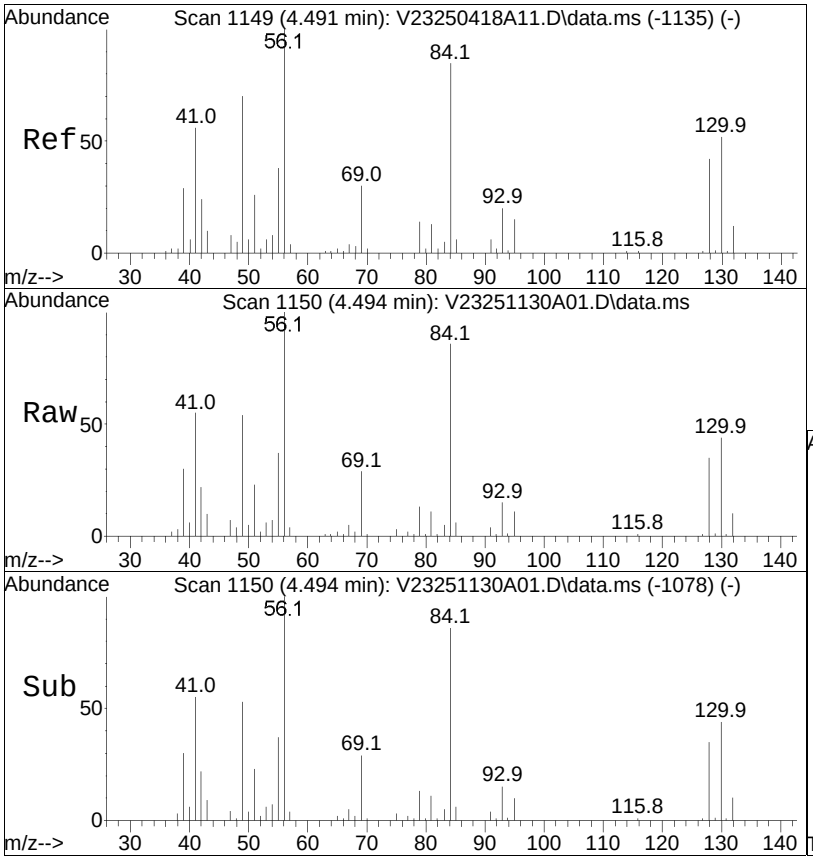


#29
2,2-Dichloropropane
Concen: 47.88 ug/L
RT: 4.405 min Scan# 1118
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 77 Resp: 191517

Ion	Ratio	Lower	Upper
77	100		
41	56.8	31.1	64.7
79	31.8	20.7	43.1

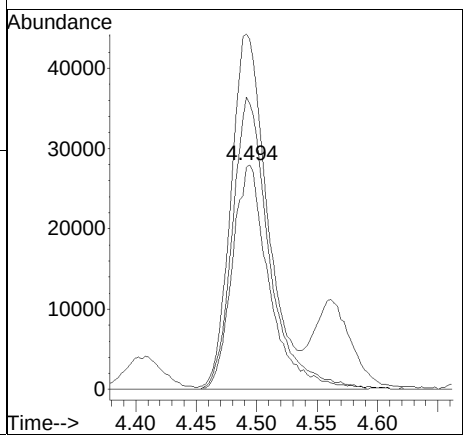


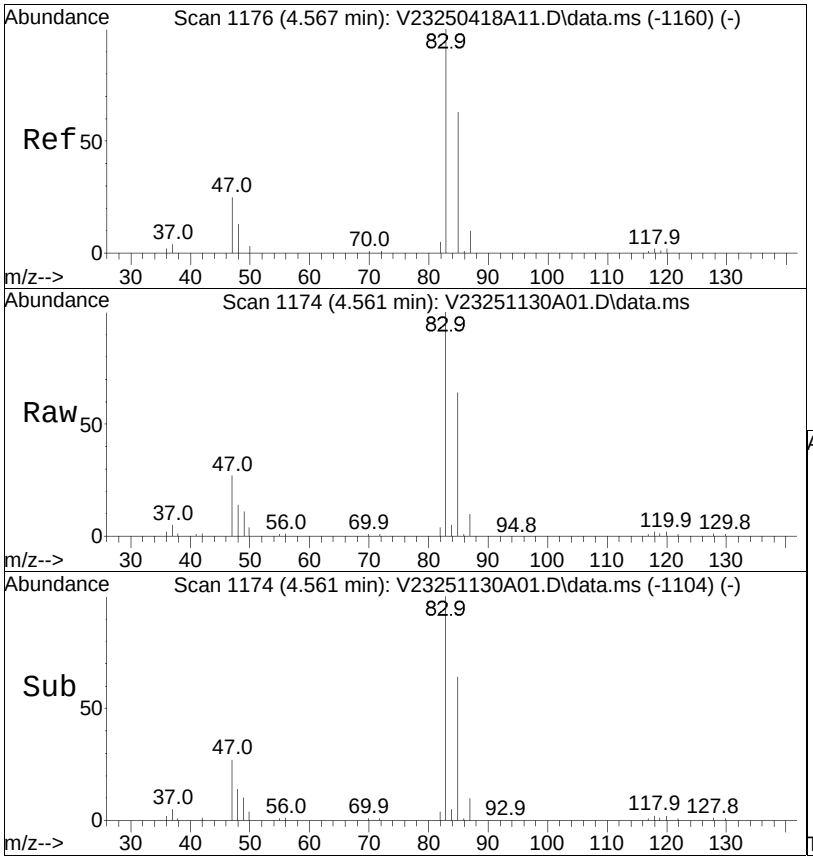


#30
Bromochloromethane
Concen: 44.23 ug/L
RT: 4.494 min Scan# 1150
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:128 Resp: 59836

Ion	Ratio	Lower	Upper
128	100		
49	154.0	117.6	176.4
130	129.5	103.8	155.8

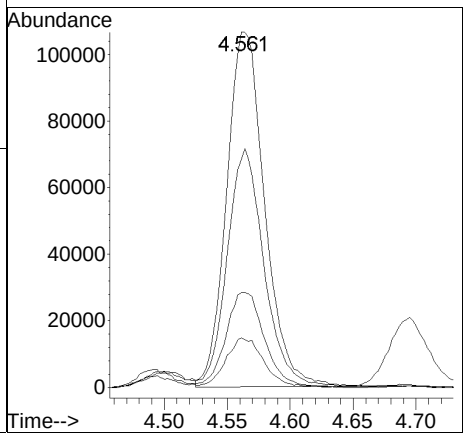


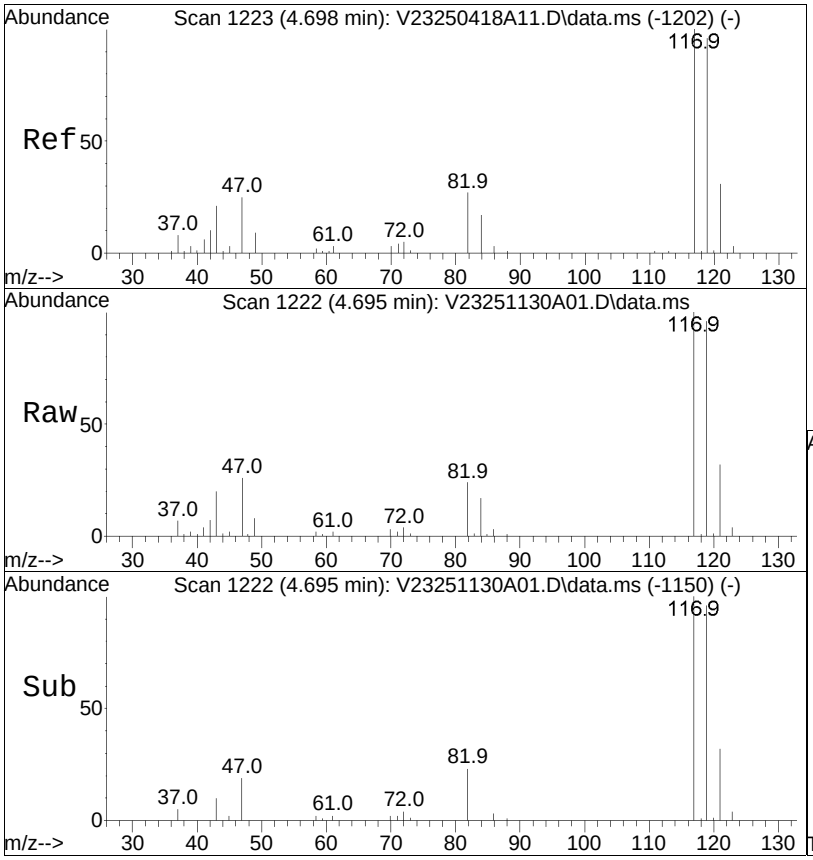


#32
Chloroform
Concen: 37.74 ug/L
RT: 4.561 min Scan# 1174
Delta R.T. -0.006 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 83 Resp: 224369

Ion	Ratio	Lower	Upper
83	100		
85	64.9	42.1	87.3
47	26.9	14.0	29.2
48	14.1	7.2	14.9

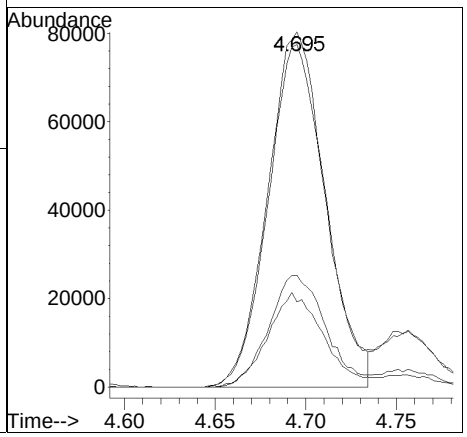


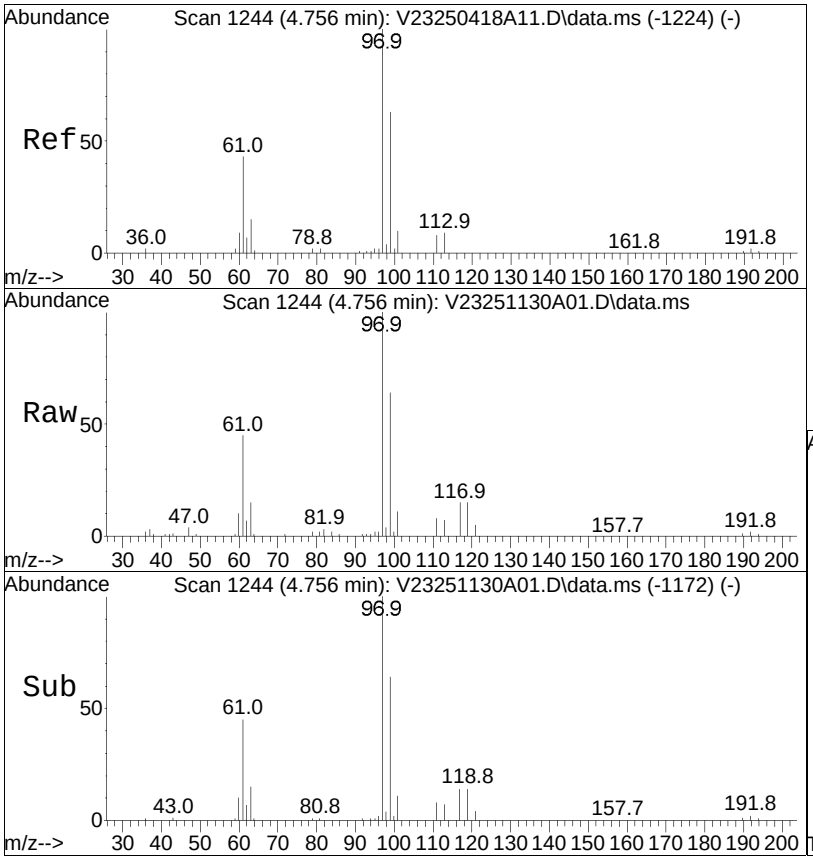


#34
Carbon tetrachloride
Concen: 46.24 ug/L
RT: 4.695 min Scan# 1222
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:117 Resp: 178078

Ion	Ratio	Lower	Upper
117	100		
119	96.6	62.7	130.3
121	31.2	20.3	42.1
82	25.9	16.4	34.2

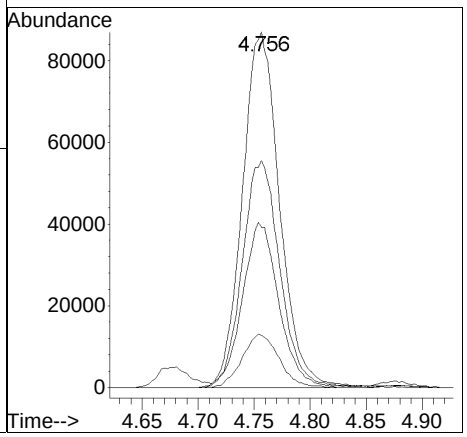


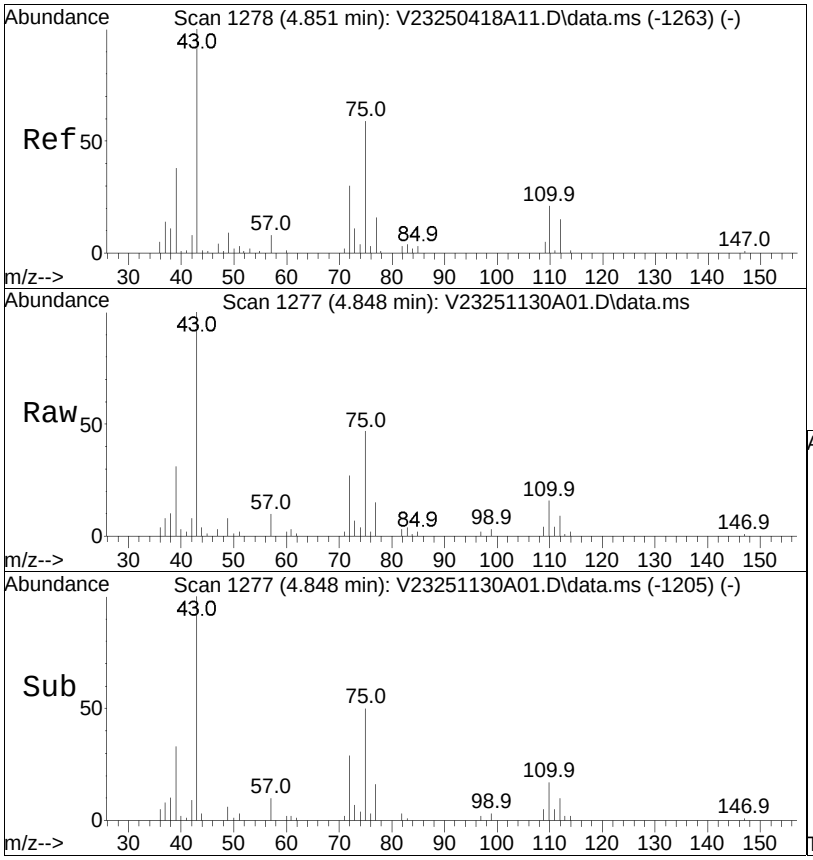


#37
1,1,1-Trichloroethane
Concen: 48.95 ug/L
RT: 4.756 min Scan# 1244
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 97 Resp: 201171

Ion	Ratio	Lower	Upper
97	100		
99	64.1	41.5	86.3
61	45.5	27.4	57.0
63	14.7	9.0	18.6

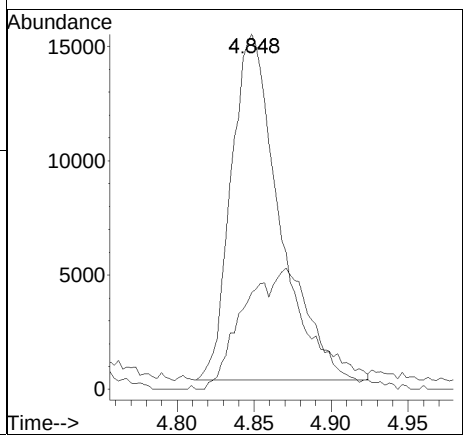


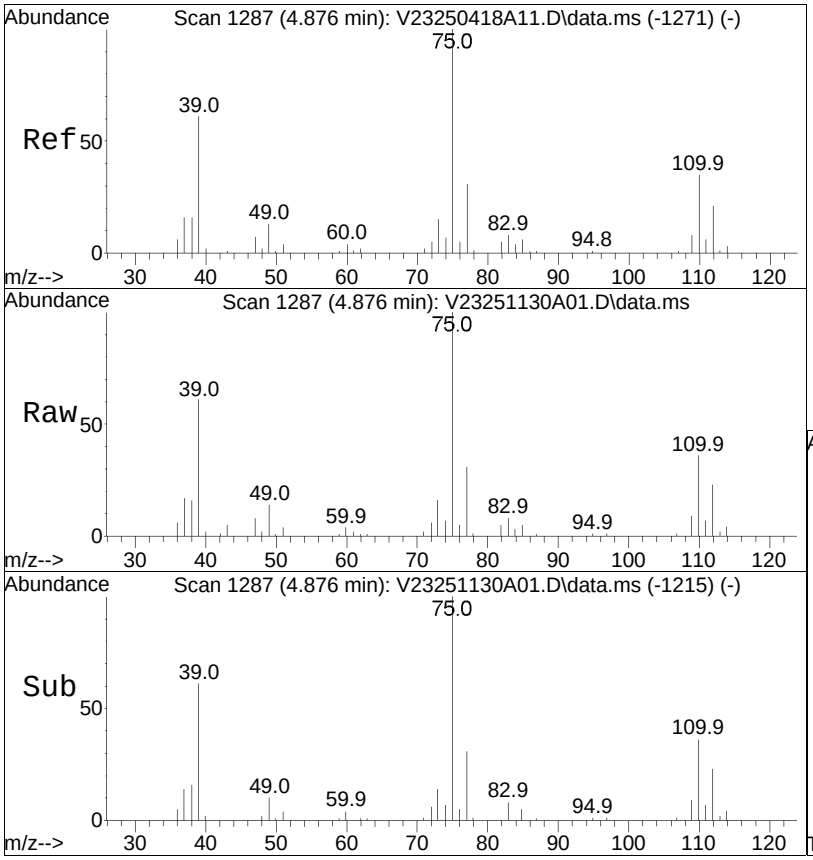


#39
2-Butanone
Concen: 40.17 ug/L
RT: 4.848 min Scan# 1277
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 43 Resp: 33141

Ion	Ratio	Lower	Upper
43	100		
72	20.9	30.4	45.6#

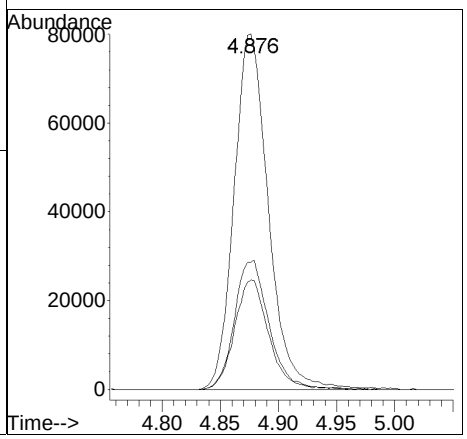


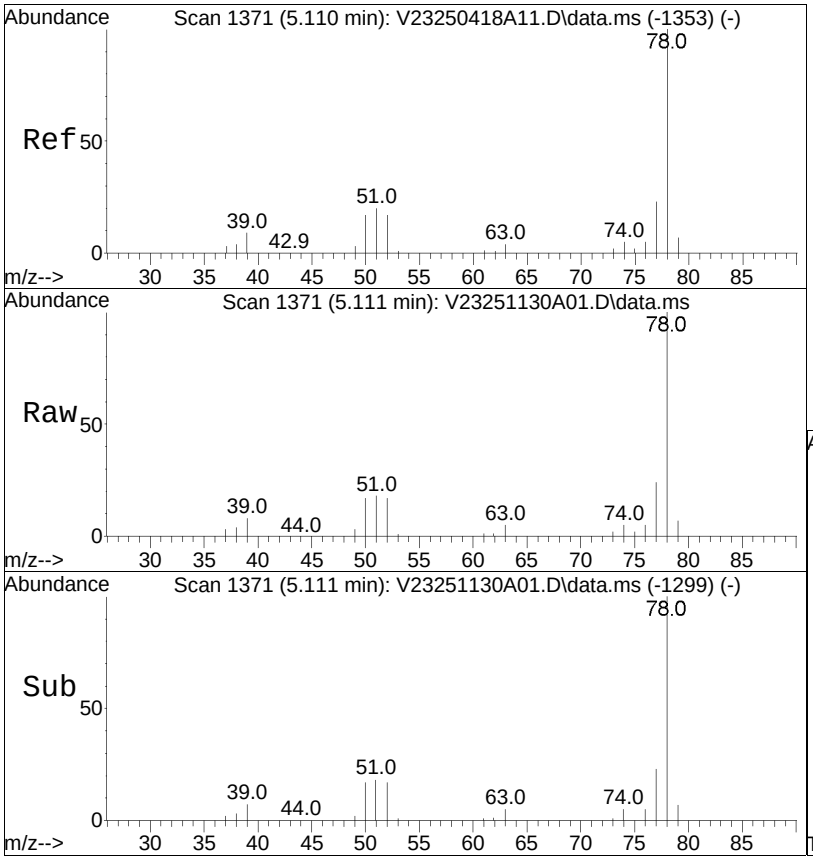


#40
1,1-Dichloropropene
Concen: 51.40 ug/L
RT: 4.876 min Scan# 1287
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 75 Resp: 164459

Ion	Ratio	Lower	Upper
75	100		
110	36.4	23.6	49.0
77	30.3	20.4	42.4

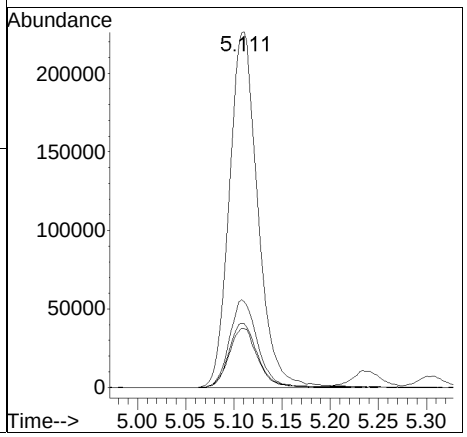


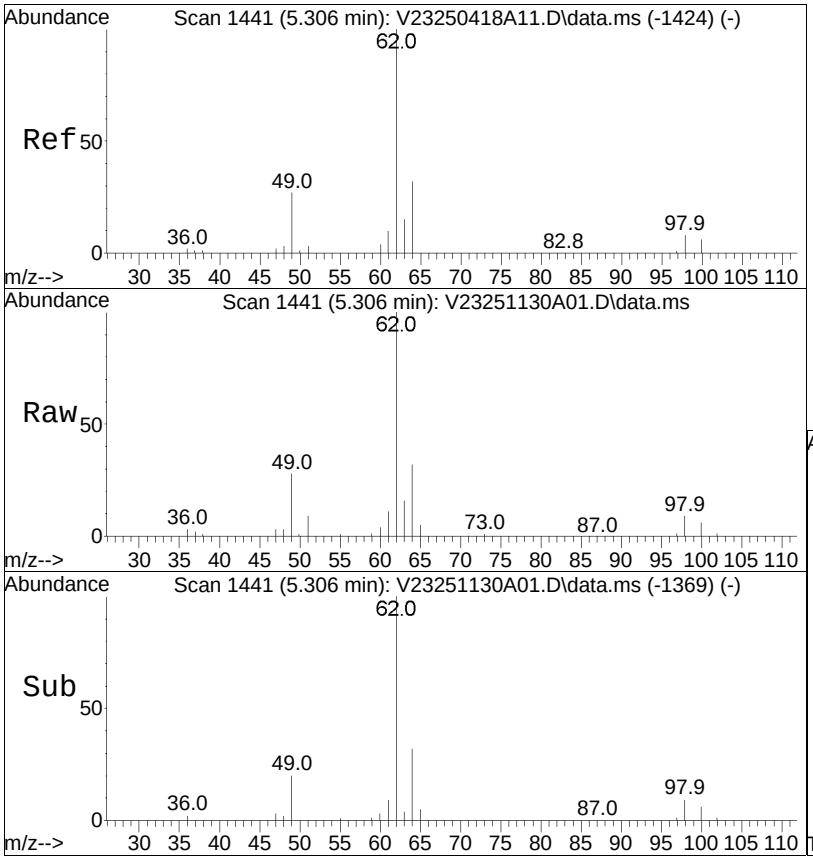


#41
Benzene
Concen: 46.00 ug/L
RT: 5.111 min Scan# 1371
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 78 Resp: 465902

Ion	Ratio	Lower	Upper
78	100		
77	24.2	15.7	32.5
51	18.1	9.9	20.5
52	16.6	9.5	19.7

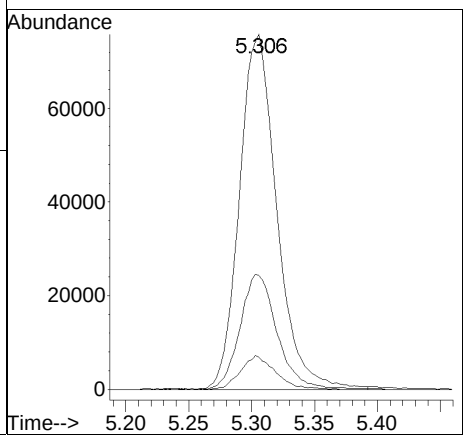


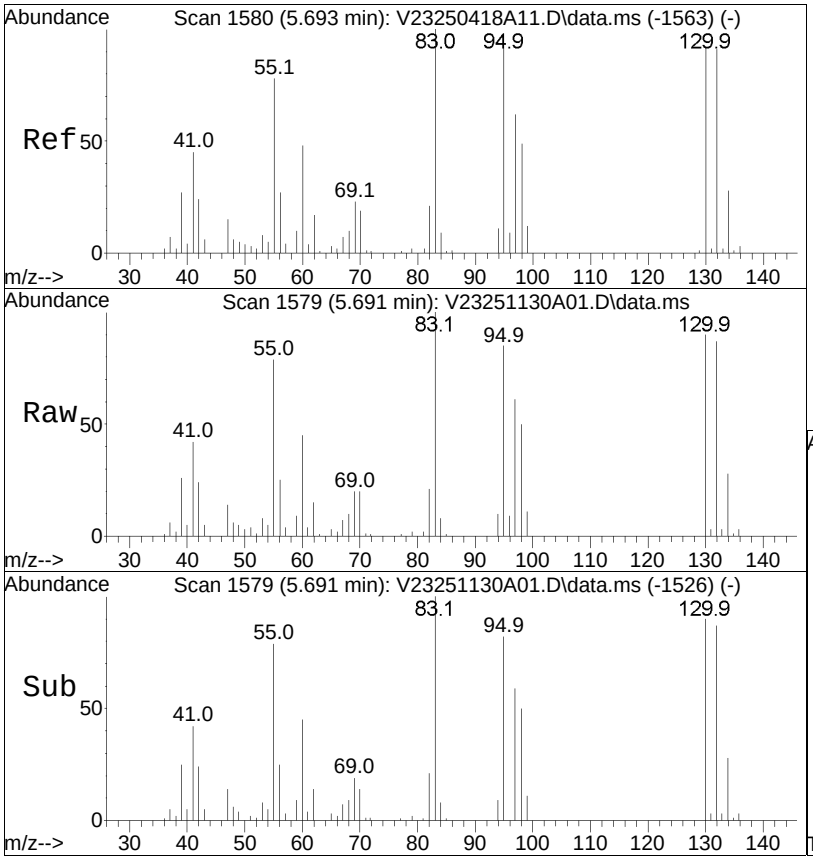


#44
1,2-Dichloroethane
Concen: 42.45 ug/L
RT: 5.306 min Scan# 1441
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 62 Resp: 156814

Ion	Ratio	Lower	Upper
62	100		
64	31.9	12.7	52.7
98	8.9	0.0	29.7

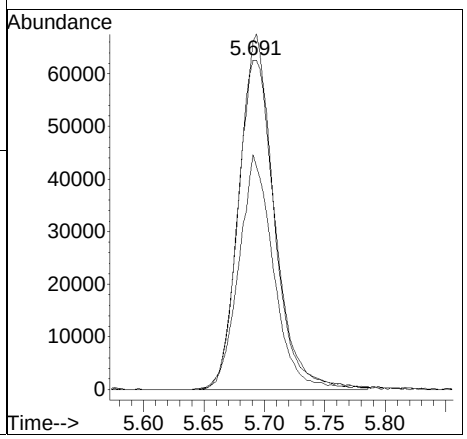


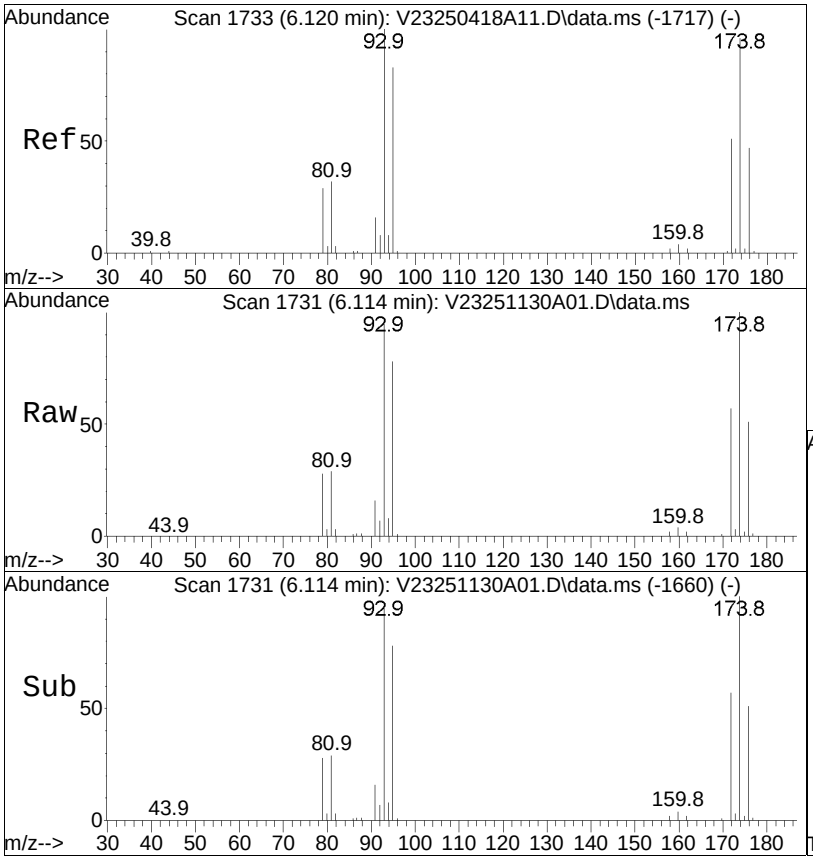


#48
Trichloroethene
Concen: 47.56 ug/L
RT: 5.691 min Scan# 1579
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 95 Resp: 132222

Ion	Ratio	Lower	Upper
95	100		
97	67.5	54.3	81.5
130	103.3	82.2	123.2

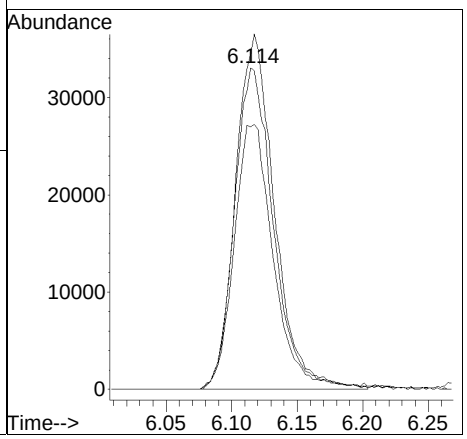


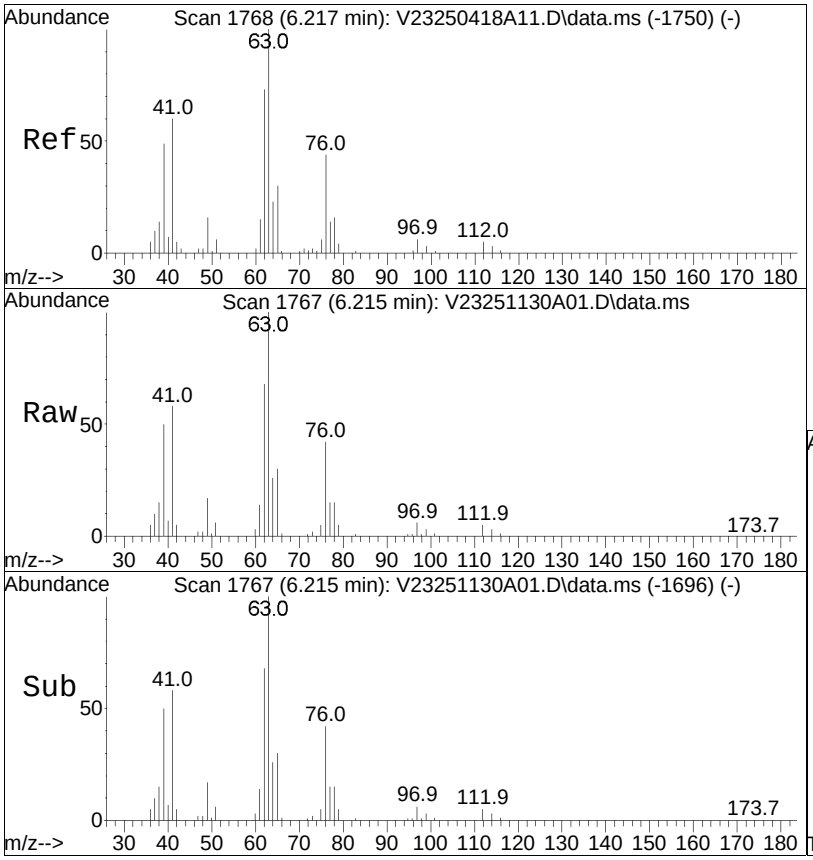


#50
Dibromomethane
Concen: 41.62 ug/L
RT: 6.114 min Scan# 1731
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 93 Resp: 68748

Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.1	99.1
174	109.3	84.2	126.2

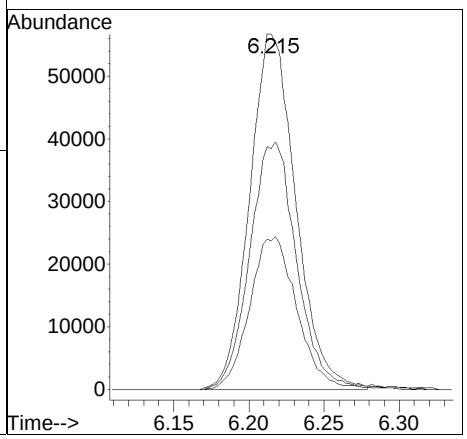


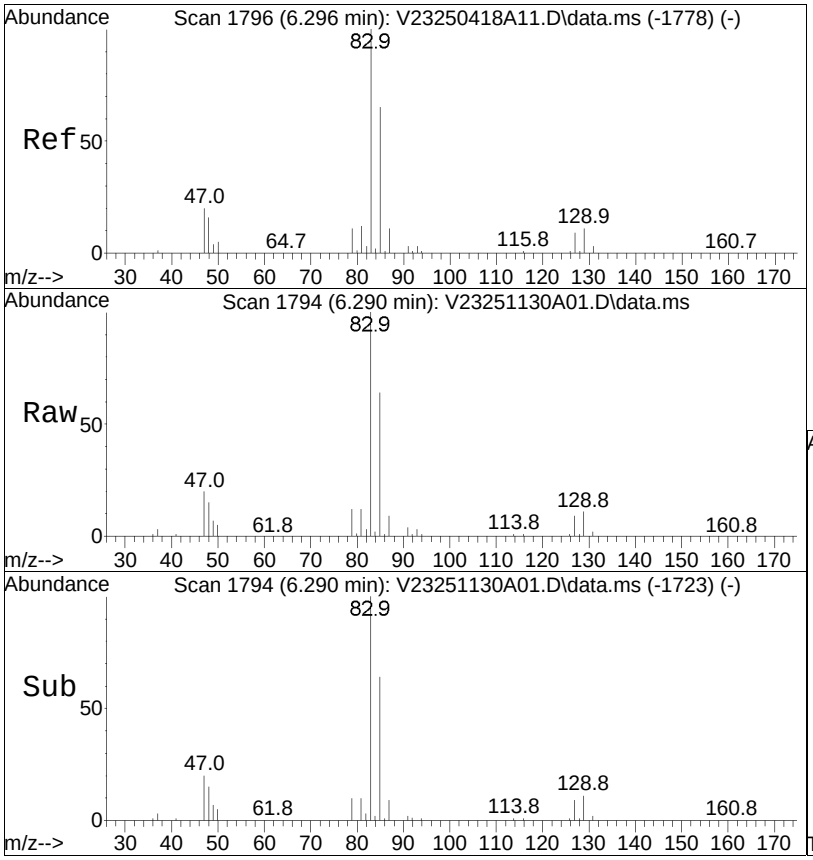


#51
1,2-Dichloropropane
Concen: 43.52 ug/L
RT: 6.215 min Scan# 1767
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 63 Resp: 121340

Ion	Ratio	Lower	Upper
63	100		
62	70.8	56.9	85.3
76	43.9	35.0	52.4

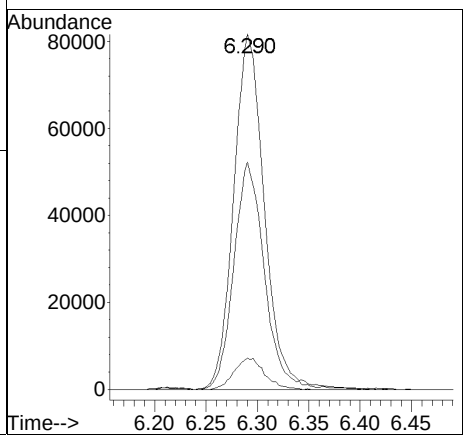


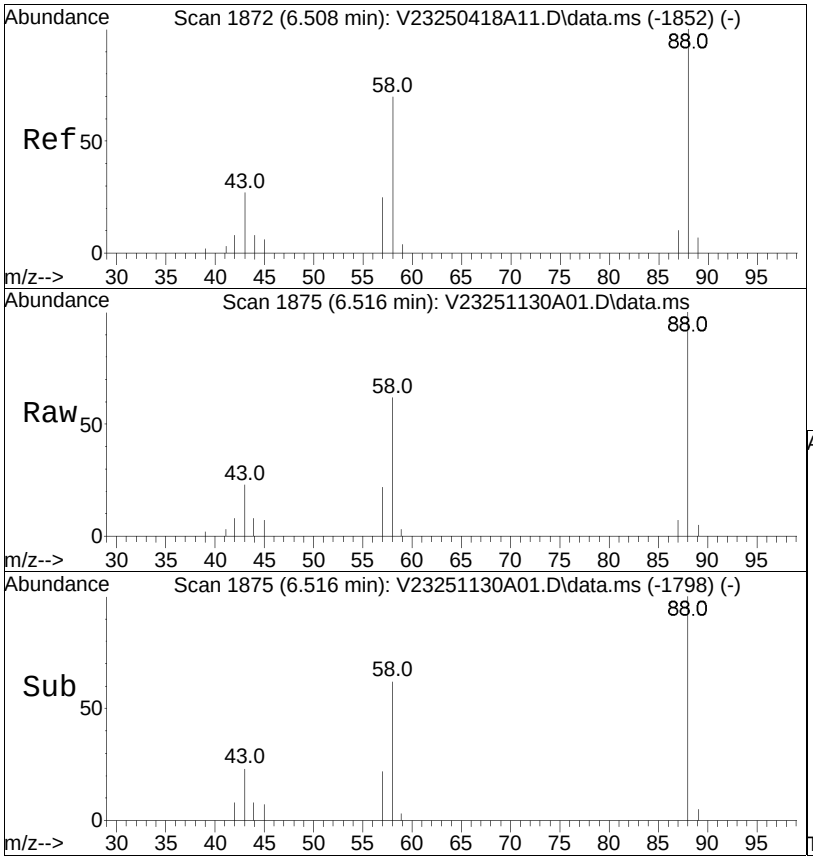


#54
Bromodichloromethane
Concen: 43.47 ug/L
RT: 6.290 min Scan# 1794
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 83 Resp: 170141

Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.3	76.9
127	8.7	6.5	9.7

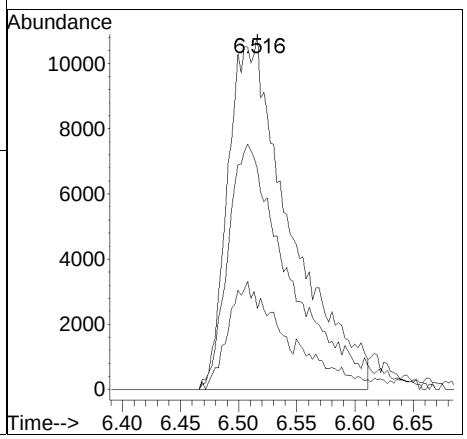


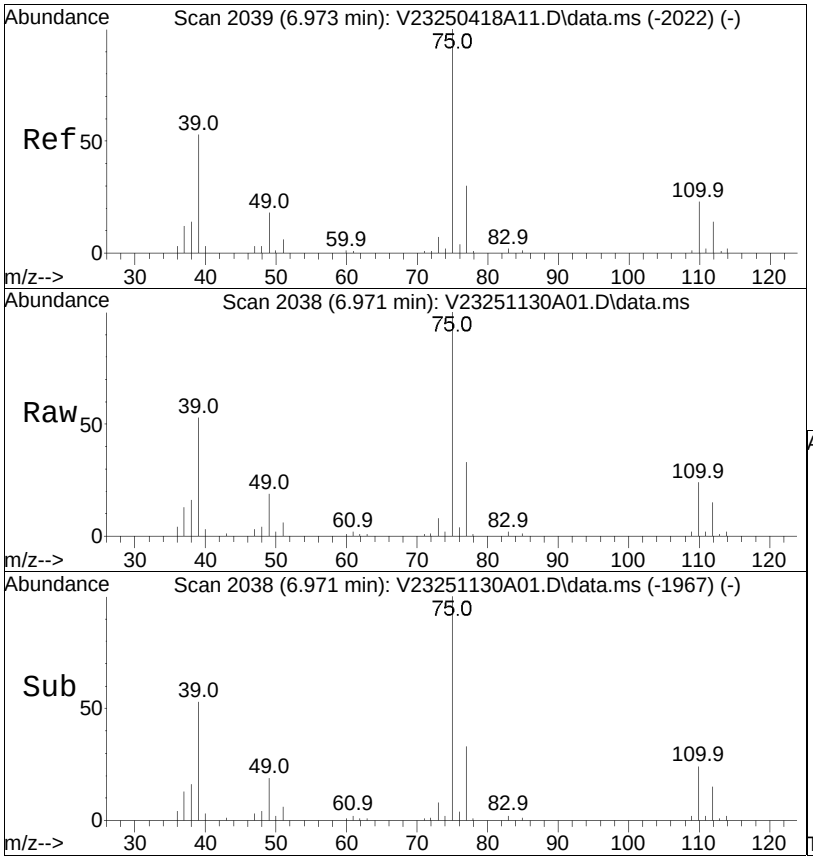


#57
1,4-Dioxane
Concen: 2491.07 ug/L
RT: 6.516 min Scan# 1875
Delta R.T. 0.014 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 88 Resp: 40273

Ion	Ratio	Lower	Upper
88	100		
58	67.5	50.2	75.2
43	22.4	19.1	28.7

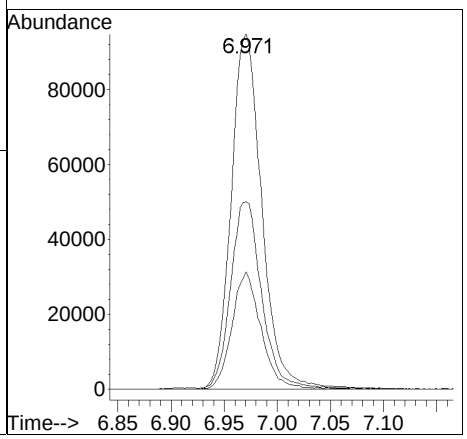


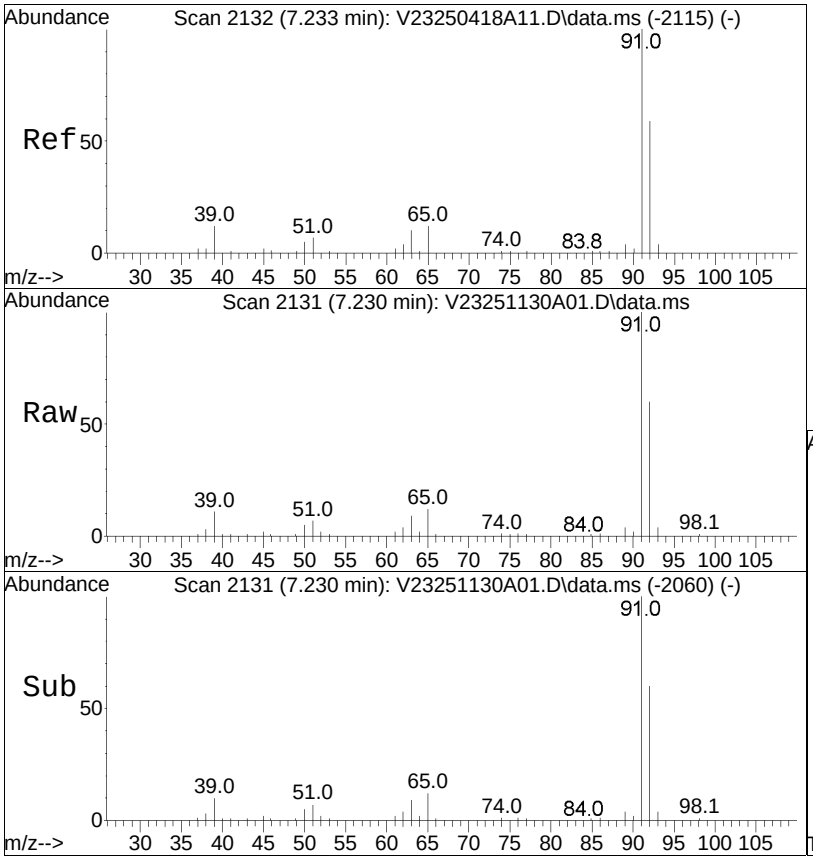


#58
cis-1,3-Dichloropropene
Concen: 44.44 ug/L
RT: 6.971 min Scan# 2038
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 75 Resp: 191390

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.9	38.9
39	52.2	34.5	51.7#

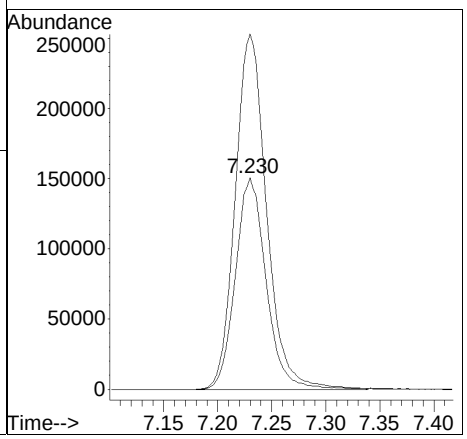


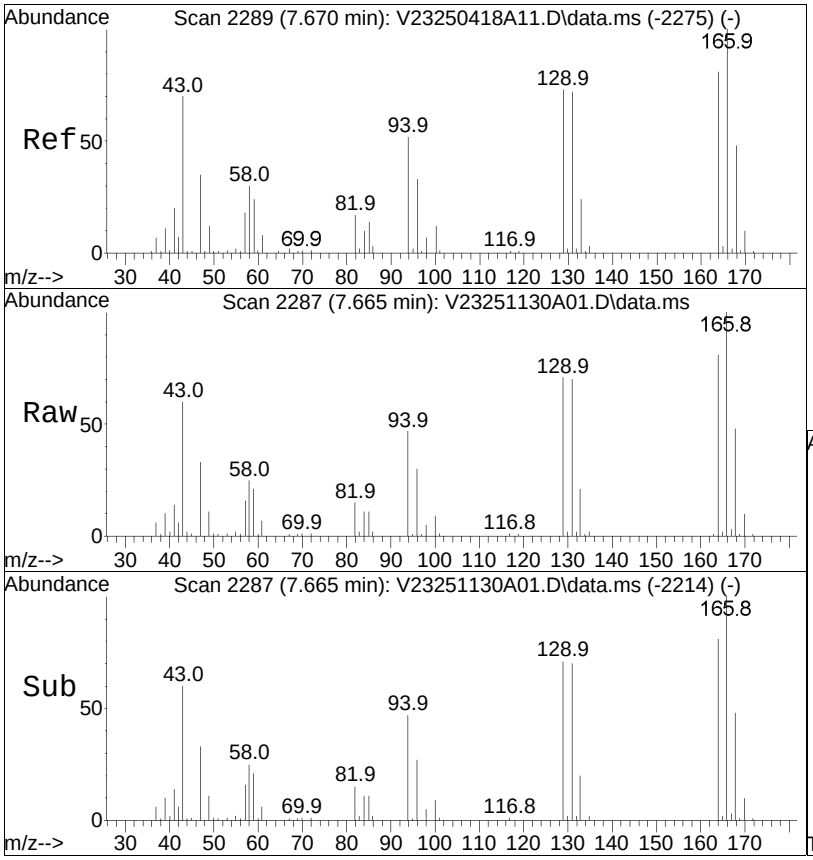


#61
Toluene
Concen: 44.33 ug/L
RT: 7.230 min Scan# 2131
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 92 Resp: 298175

Ion	Ratio	Lower	Upper
92	100		
91	171.2	136.4	204.6

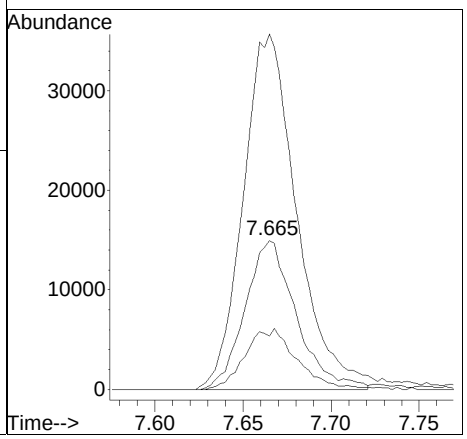


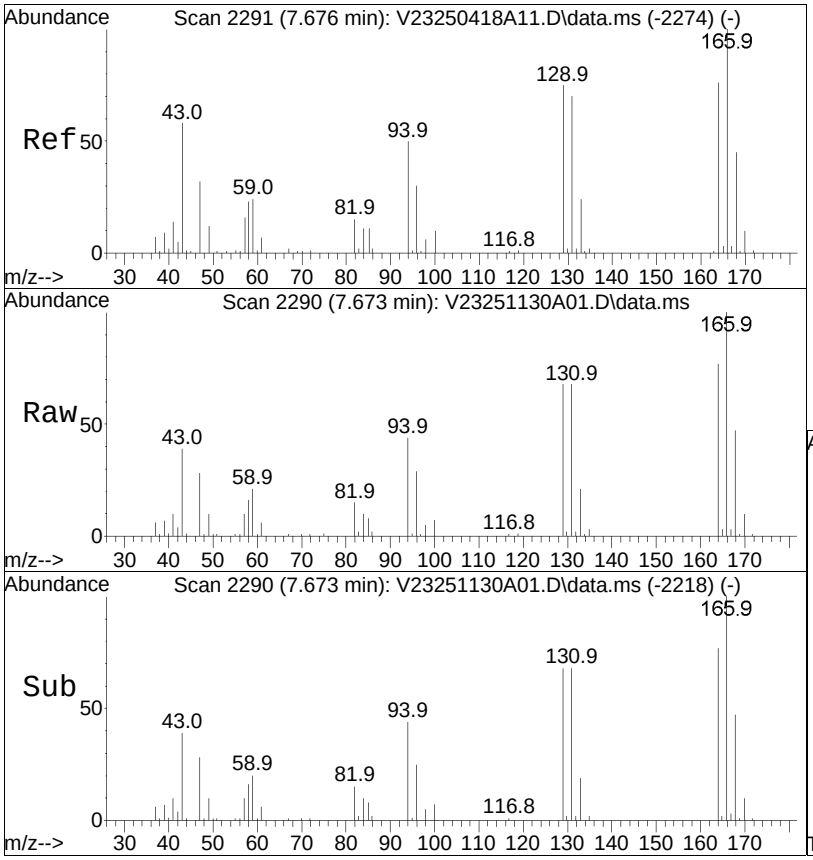


#62
4-Methyl-2-pentanone
Concen: 42.13 ug/L
RT: 7.665 min Scan# 2287
Delta R.T. 0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 58 Resp: 30172

Ion	Ratio	Lower	Upper
58	100		
100	20.6	33.1	49.7#
43	251.9	179.0	268.6

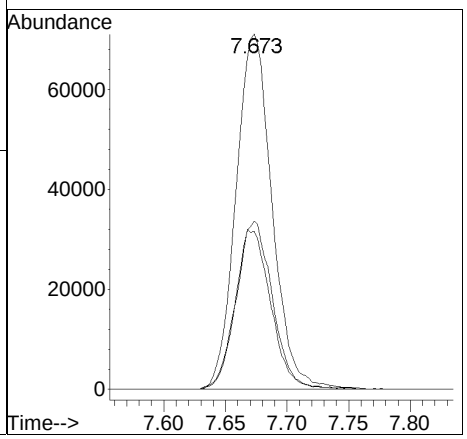


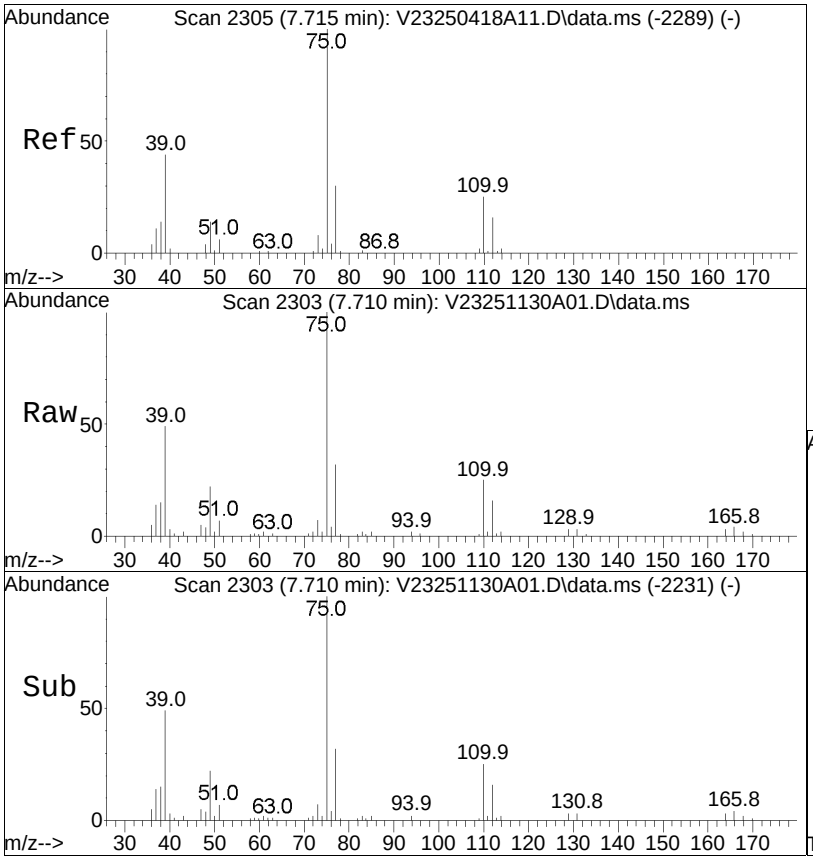


#63
Tetrachloroethene
Concen: 50.14 ug/L
RT: 7.673 min Scan# 2290
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:166 Resp: 145089

Ion	Ratio	Lower	Upper
166	100		
168	47.5	28.0	68.0
94	44.4	23.3	63.3

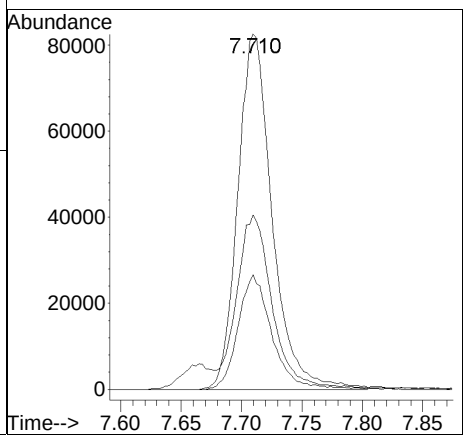


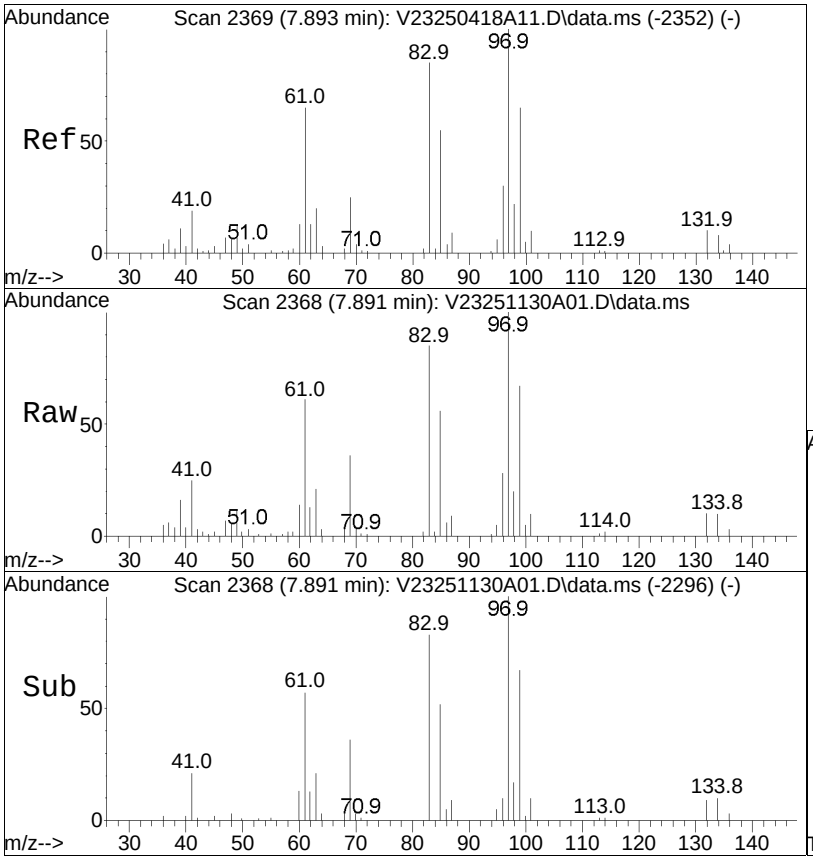


#65
trans-1,3-Dichloropropene
Concen: 43.24 ug/L
RT: 7.710 min Scan# 2303
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 75 Resp: 163849

Ion	Ratio	Lower	Upper
75	100		
77	31.5	12.7	52.7
39	48.8	29.5	69.5

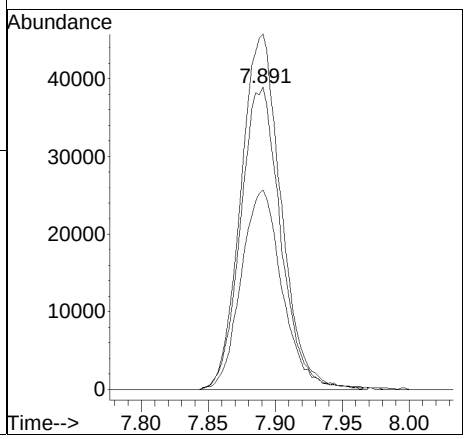


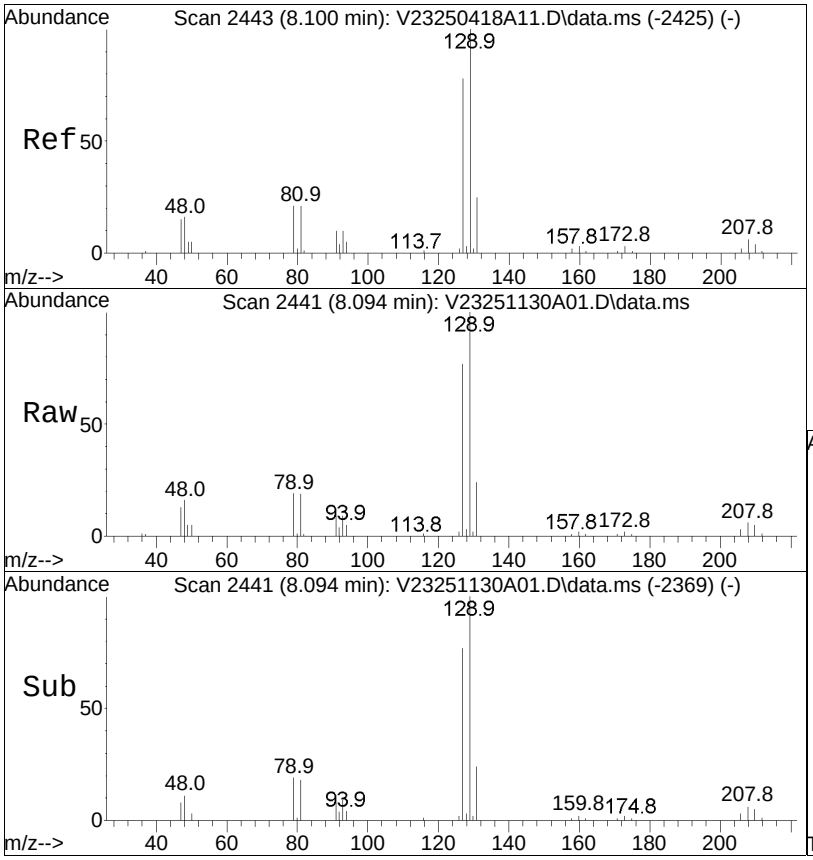


#68
1,1,2-Trichloroethane
Concen: 42.00 ug/L
RT: 7.891 min Scan# 2368
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 83 Resp: 81148

Ion	Ratio	Lower	Upper
83	100		
97	117.8	99.1	139.1
85	67.7	46.8	86.8

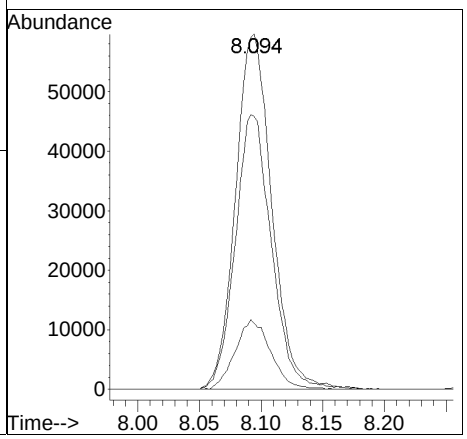


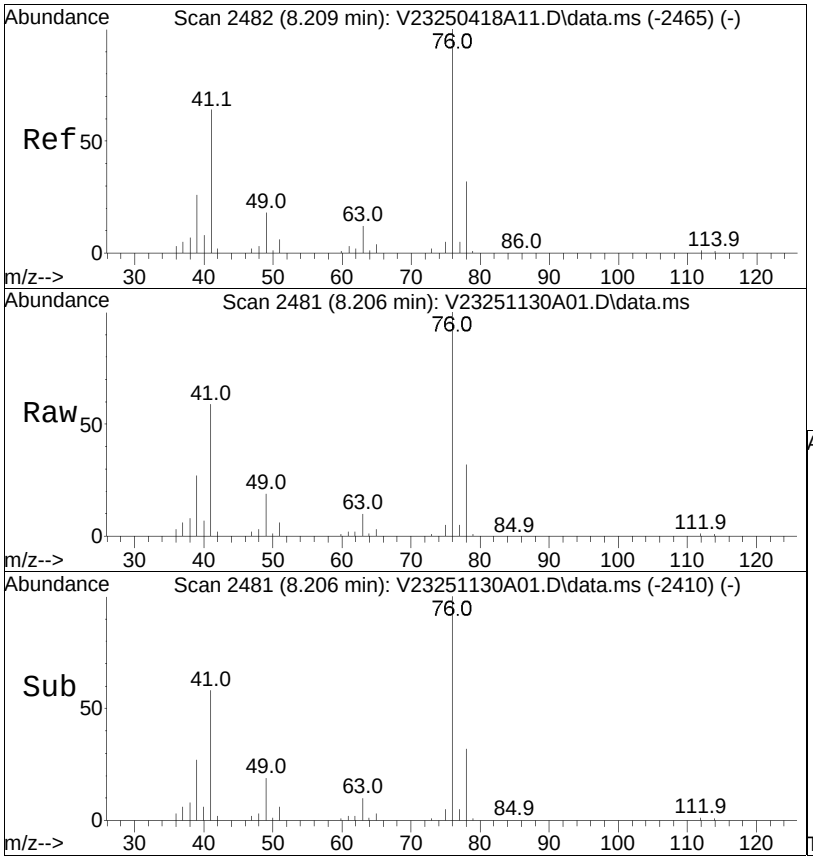


#69
Chlorodibromomethane
Concen: 44.12 ug/L
RT: 8.094 min Scan# 2441
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:129 Resp: 122462

Ion	Ratio	Lower	Upper
129	100		
81	19.3	0.0	35.1
127	76.9	57.6	97.6

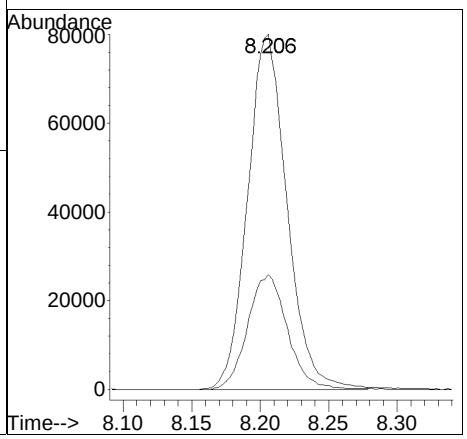


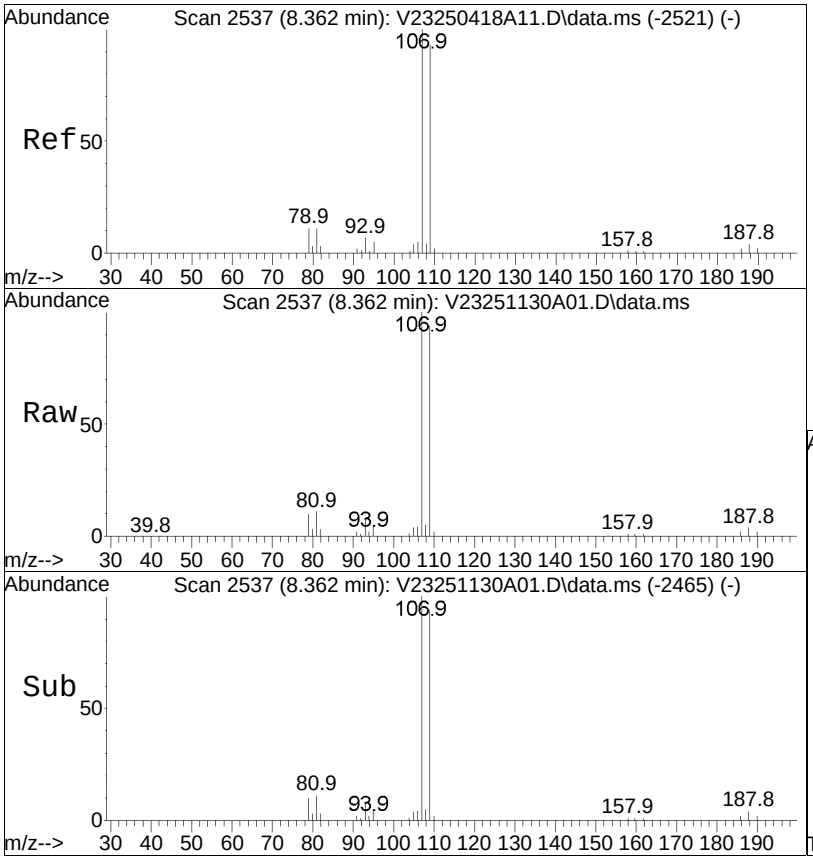


#70
1,3-Dichloropropane
Concen: 41.90 ug/L
RT: 8.206 min Scan# 2481
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 76 Resp: 159840

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.2

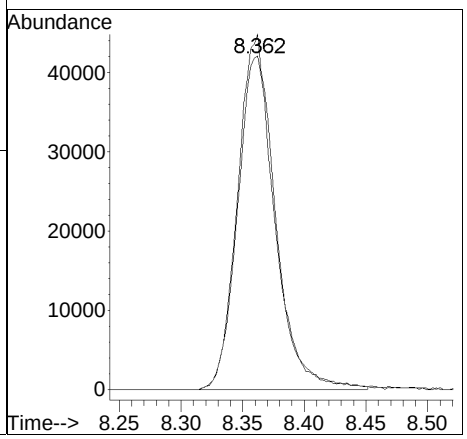


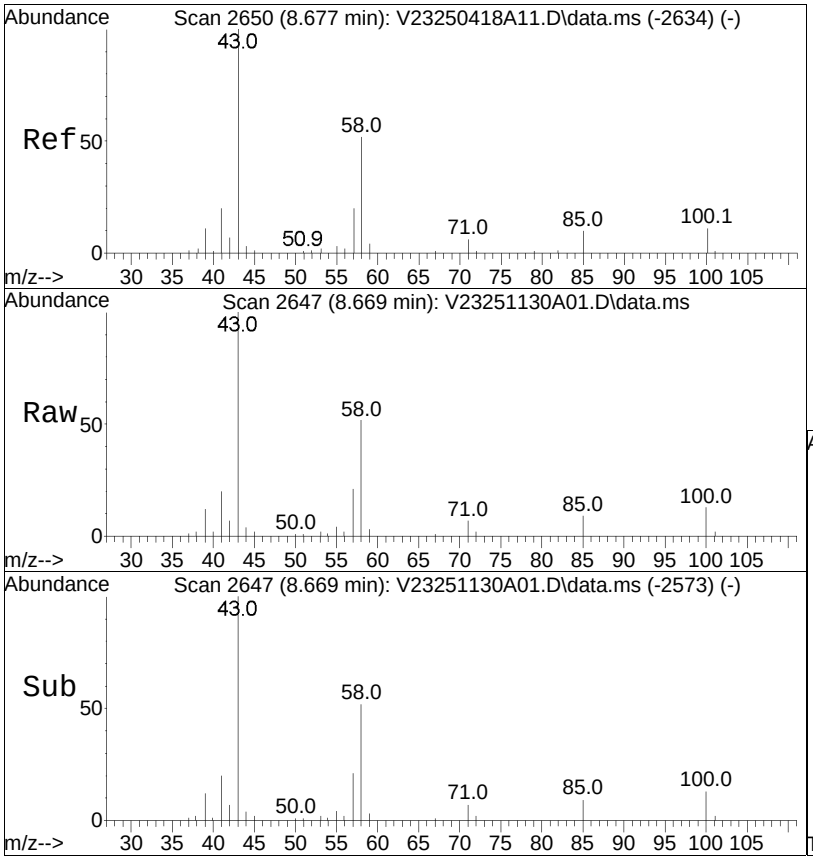


#71
1,2-Dibromoethane
Concen: 44.36 ug/L
RT: 8.362 min Scan# 2537
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:107 Resp: 95130

Ion	Ratio	Lower	Upper
107	100		
109	94.2	76.1	114.1

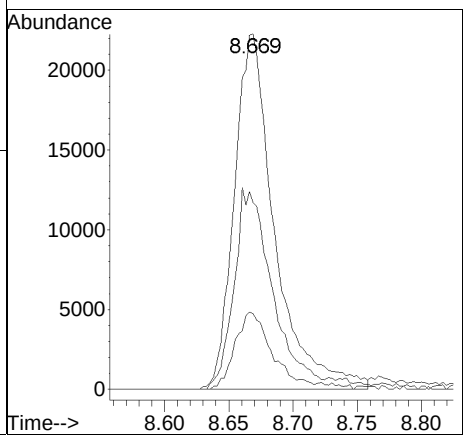


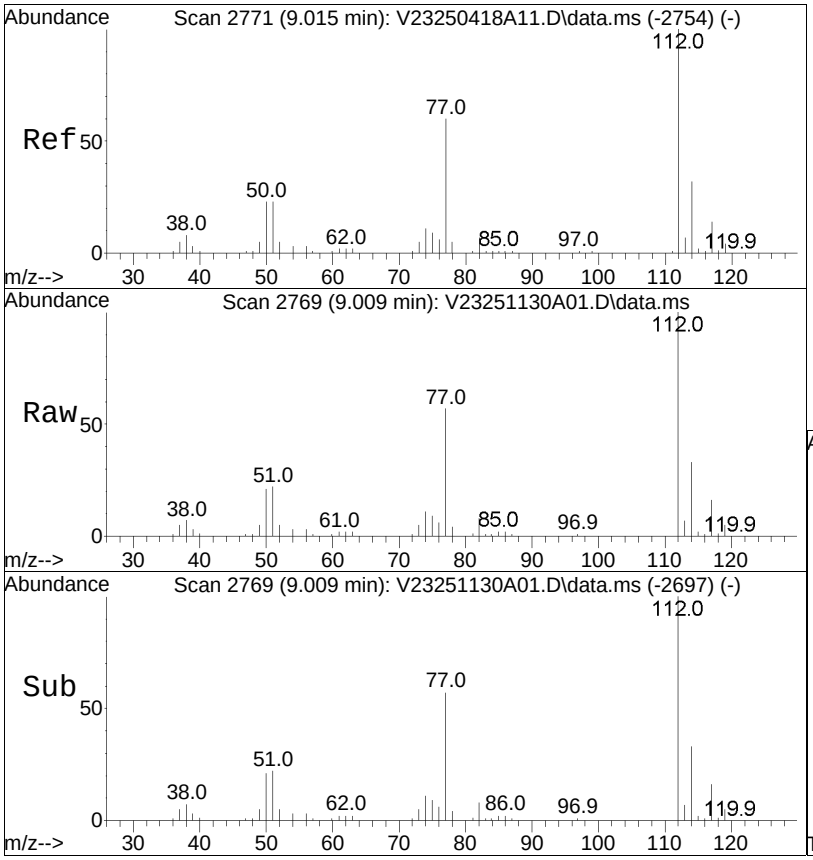


#72
2-Hexanone
Concen: 38.00 ug/L
RT: 8.669 min Scan# 2647
Delta R.T. 0.006 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 43 Resp: 48852

Ion	Ratio	Lower	Upper
43	100		
58	53.5	49.2	73.8
57	20.0	17.4	26.2

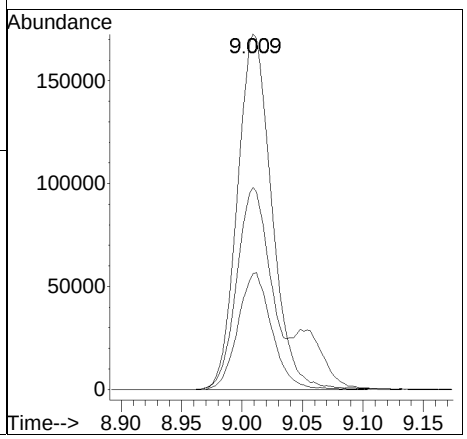


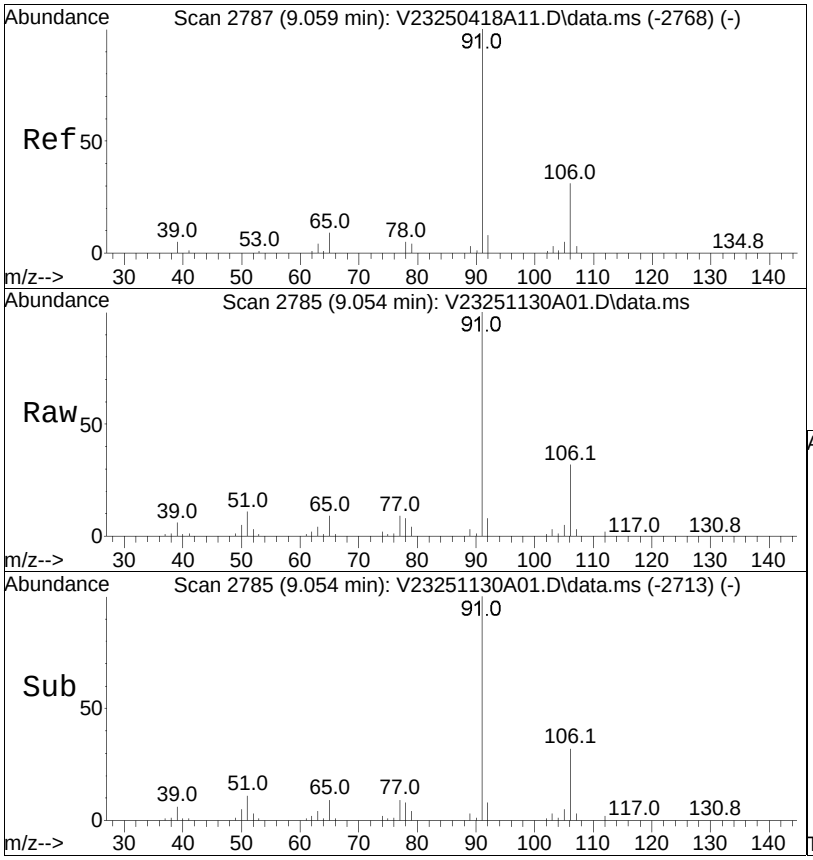


#73
Chlorobenzene
Concen: 44.37 ug/L
RT: 9.009 min Scan# 2769
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:112 Resp: 341068

Ion	Ratio	Lower	Upper
112	100		
77	56.0	58.5	87.7#
114	32.4	25.8	38.6

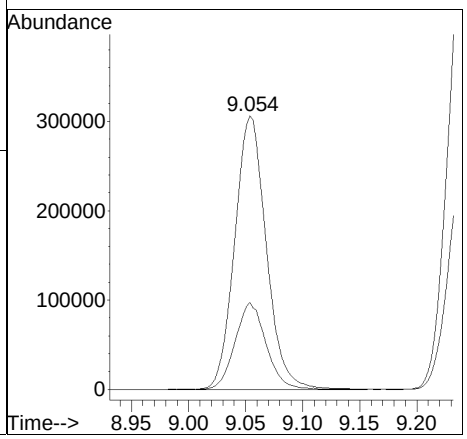


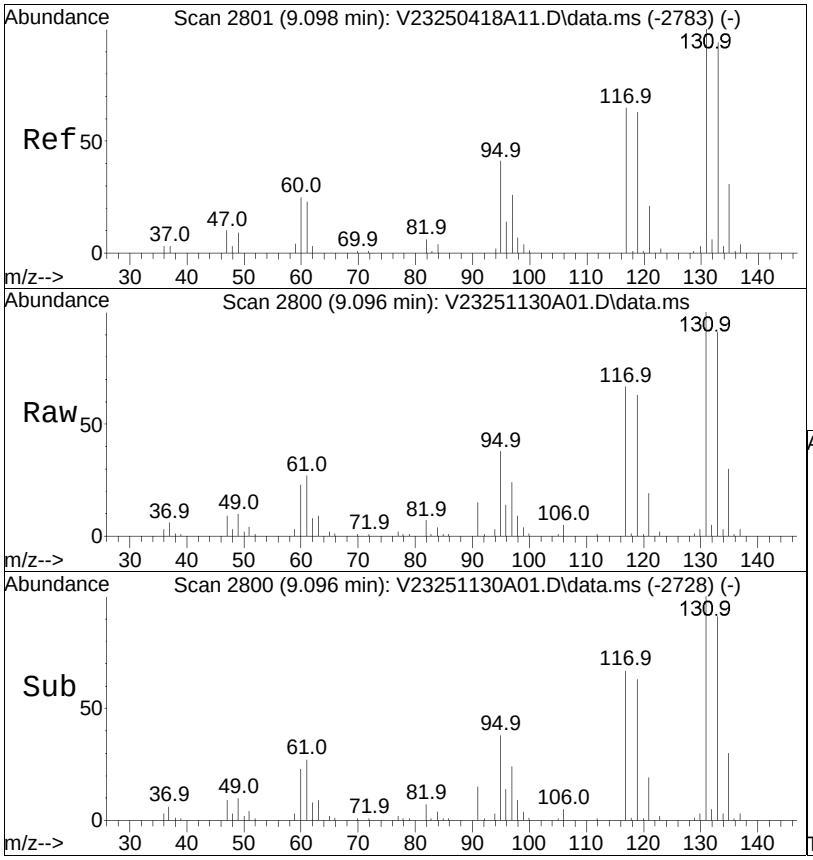


#74
Ethylbenzene
Concen: 44.23 ug/L
RT: 9.054 min Scan# 2785
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 91 Resp: 589038

Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.2	37.8

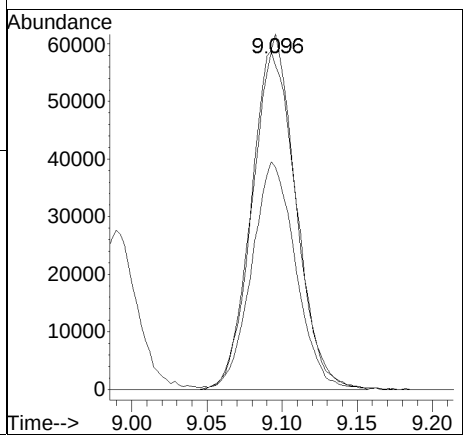


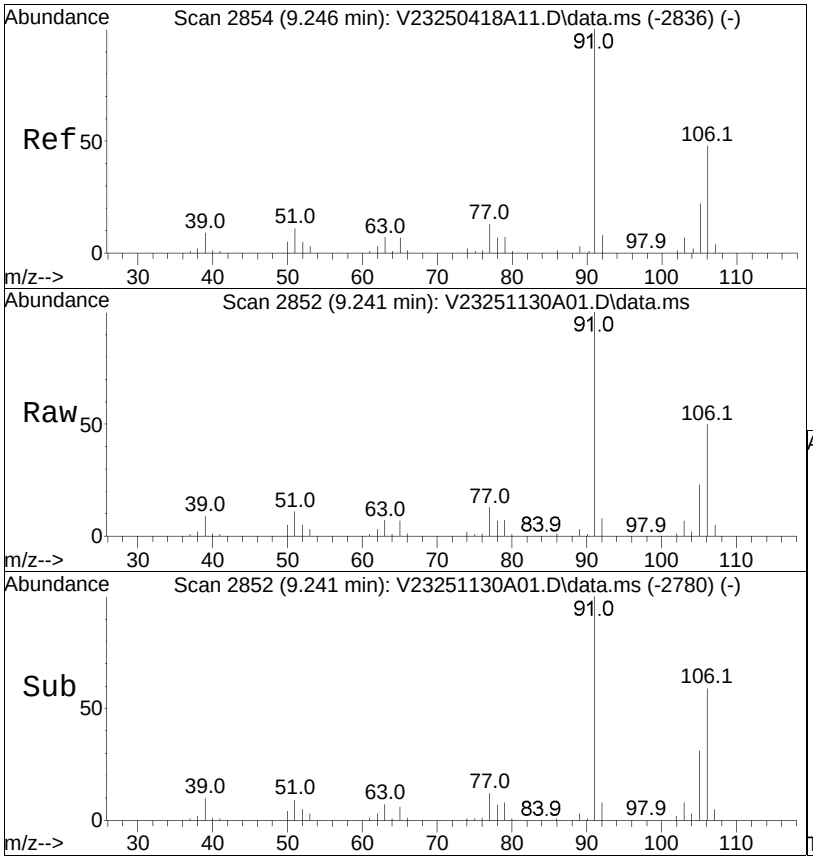


#75
1,1,1,2-Tetrachloroethane
Concen: 44.74 ug/L
RT: 9.096 min Scan# 2800
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:131 Resp: 125664

Ion	Ratio	Lower	Upper
131	100		
133	95.2	75.5	115.5
119	64.5	46.0	86.0

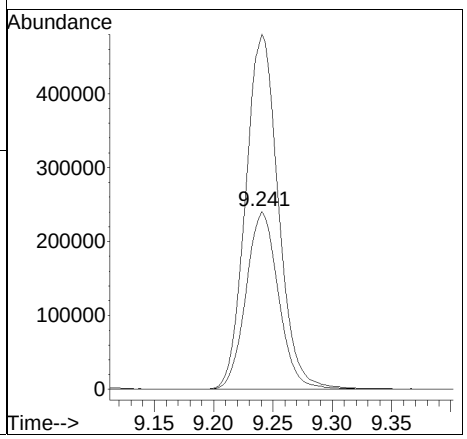


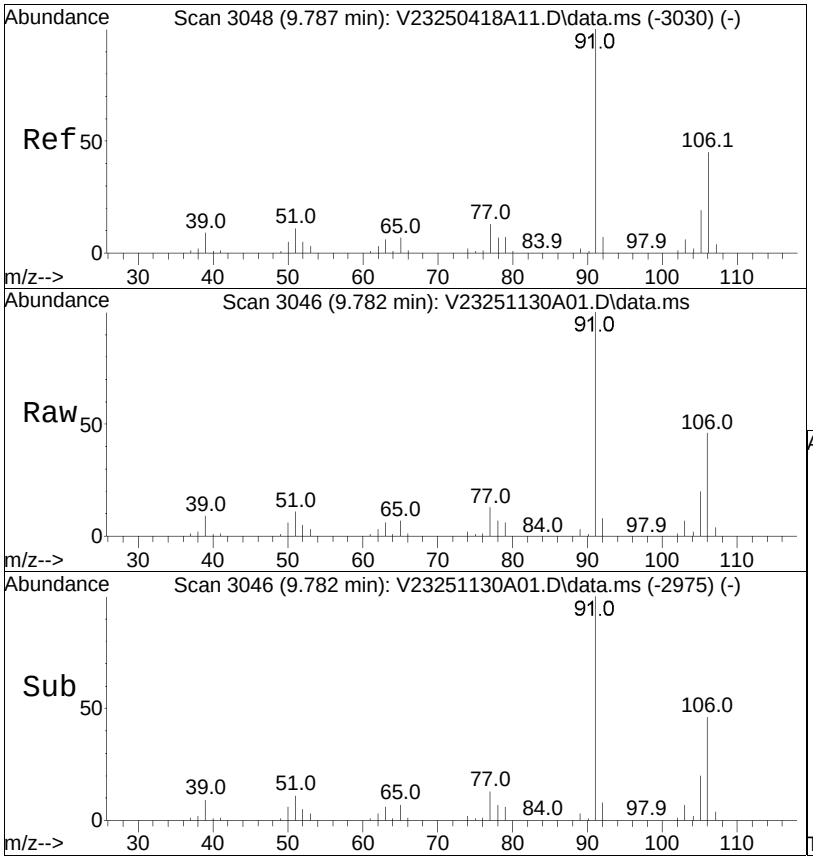


#76
p/m Xylene
Concen: 92.45 ug/L
RT: 9.241 min Scan# 2852
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:106 Resp: 460305

Ion	Ratio	Lower	Upper
106	100		
91	201.0	160.4	240.6

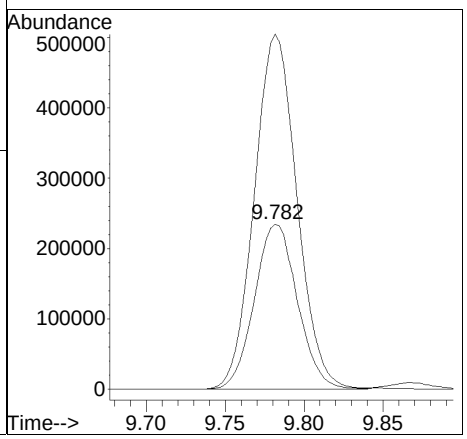


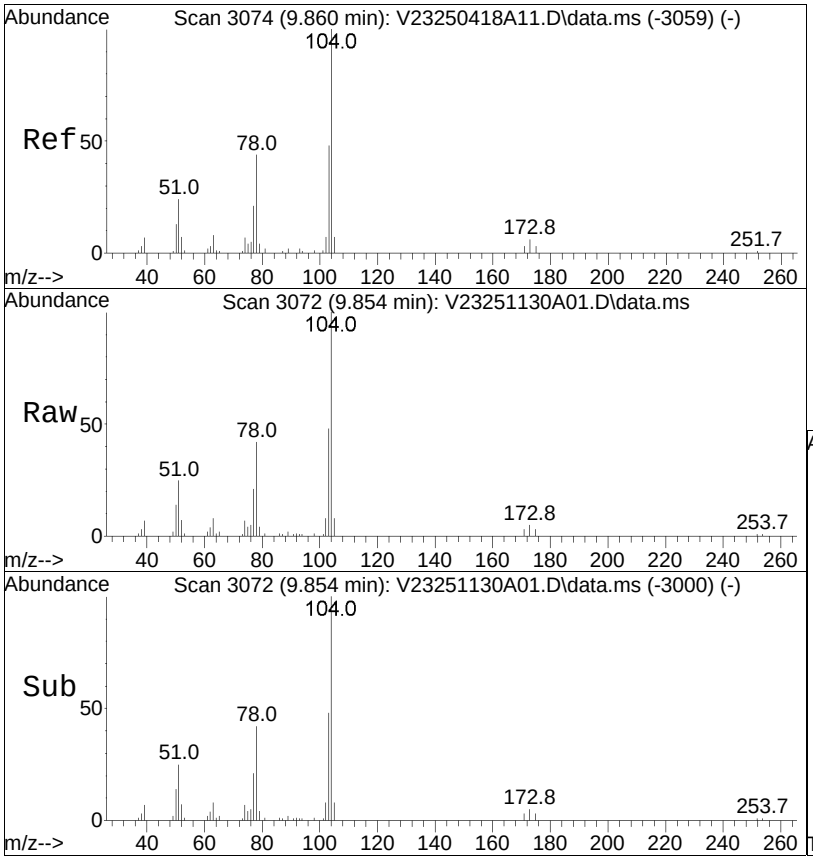


#77
o Xylene
Concen: 88.69 ug/L
RT: 9.782 min Scan# 3046
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:106 Resp: 445645

Ion	Ratio	Lower	Upper
106	100		
91	212.8	169.6	254.4

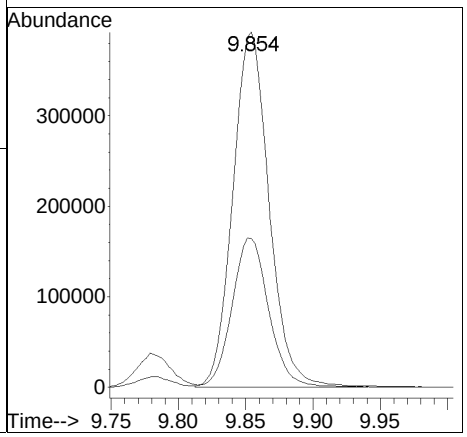


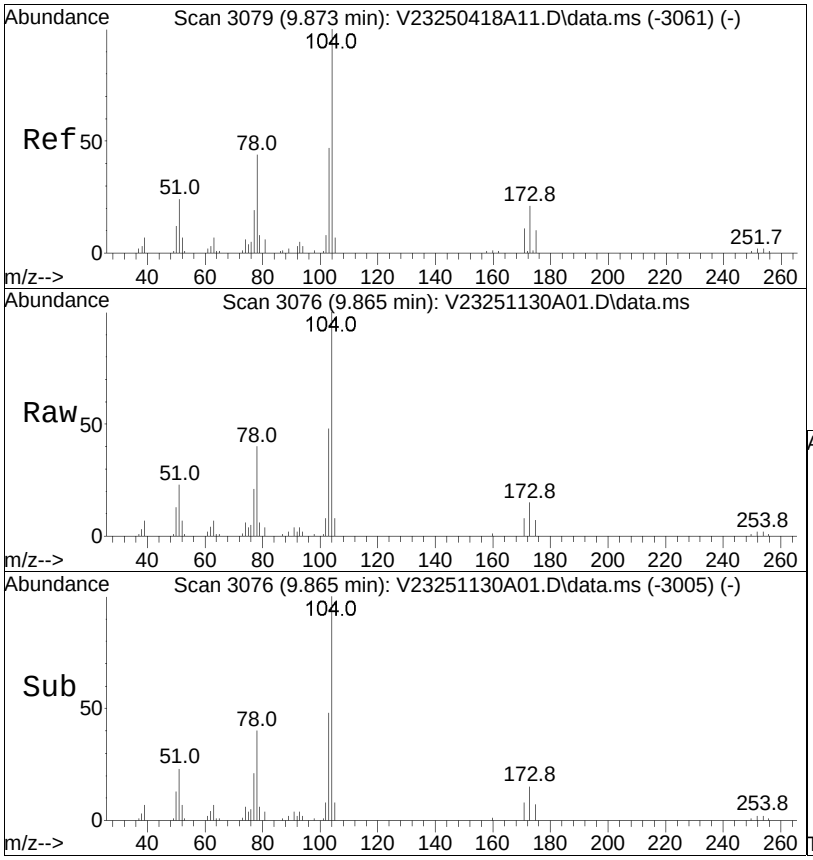


#78
Styrene
Concen: 87.18 ug/L M1
RT: 9.854 min Scan# 3072
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:104 Resp: 738105

Ion	Ratio	Lower	Upper
104	100		
78	42.2	33.8	50.6

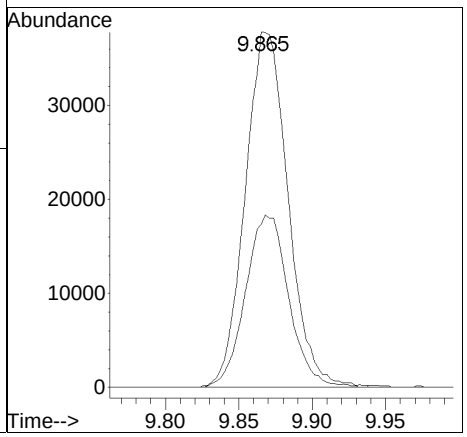


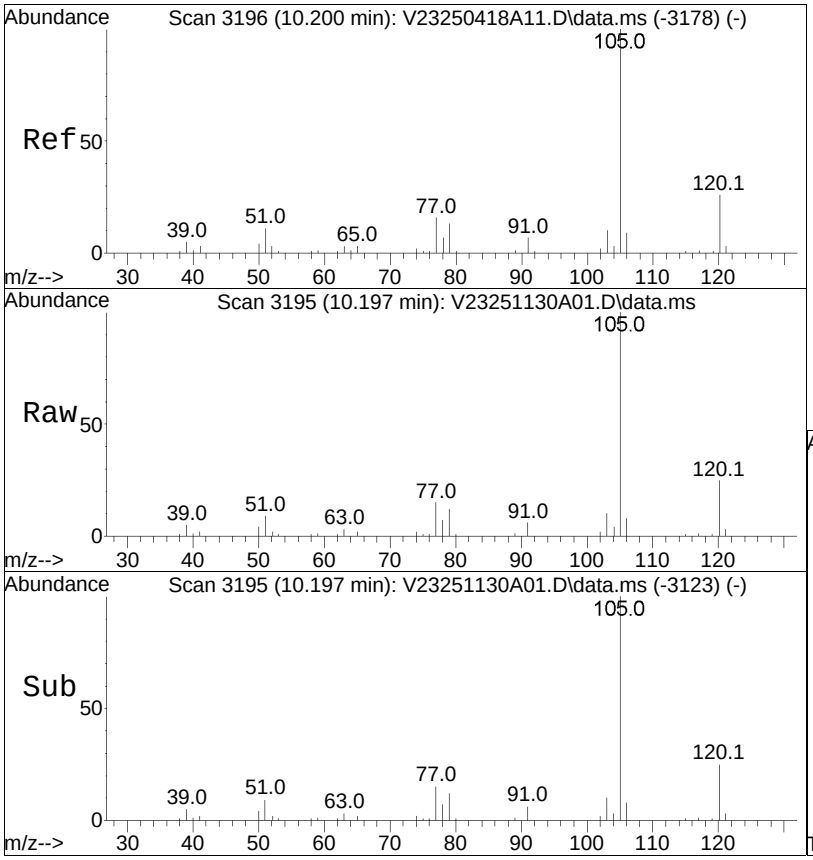


#80
Bromoform
Concen: 40.07 ug/L
RT: 9.865 min Scan# 3076
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:173 Resp: 76964

Ion	Ratio	Lower	Upper
173	100		
175	48.8	28.7	68.7

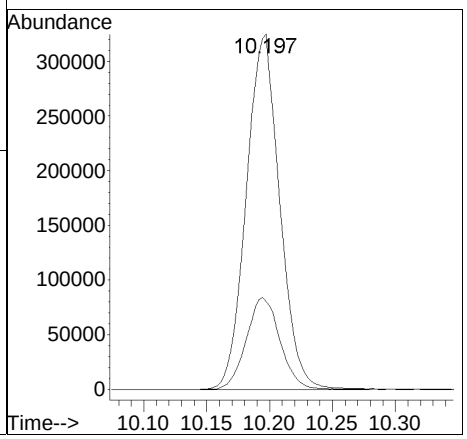


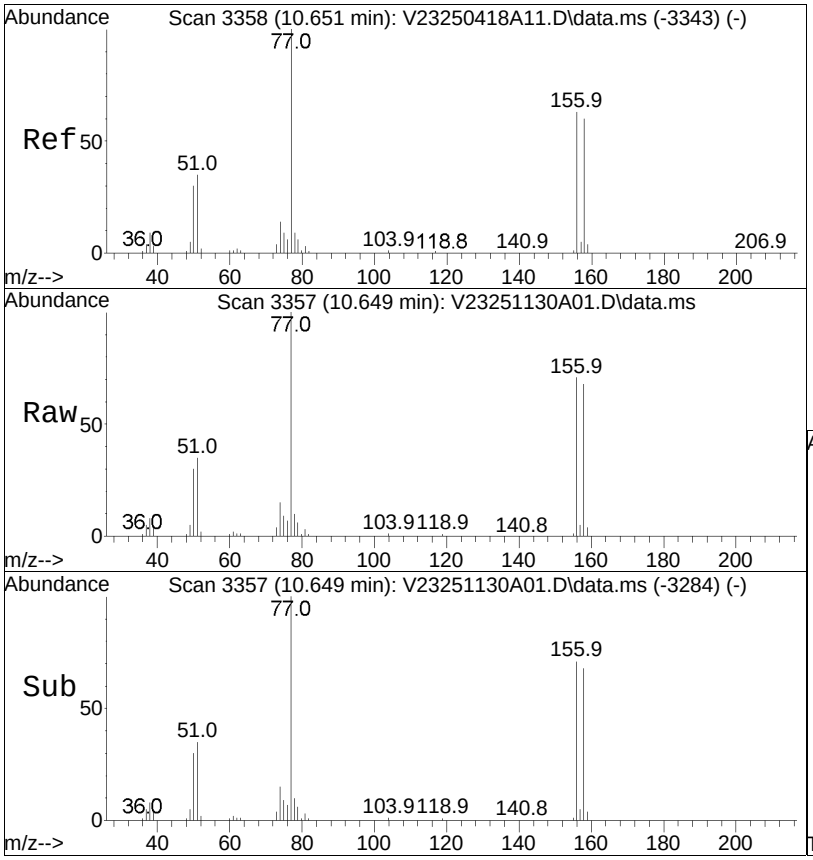


#82
Isopropylbenzene
Concen: 45.21 ug/L
RT: 10.197 min Scan# 3195
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:105 Resp: 599582

Ion	Ratio	Lower	Upper
105	100		
120	26.1	6.6	46.6

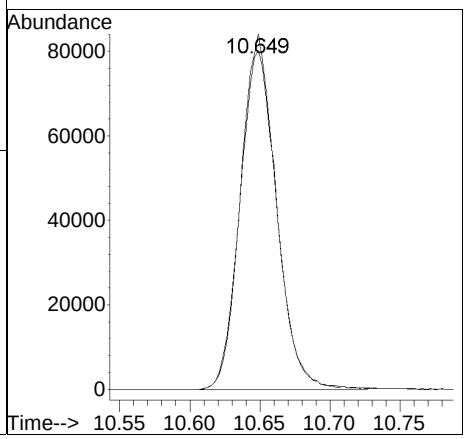


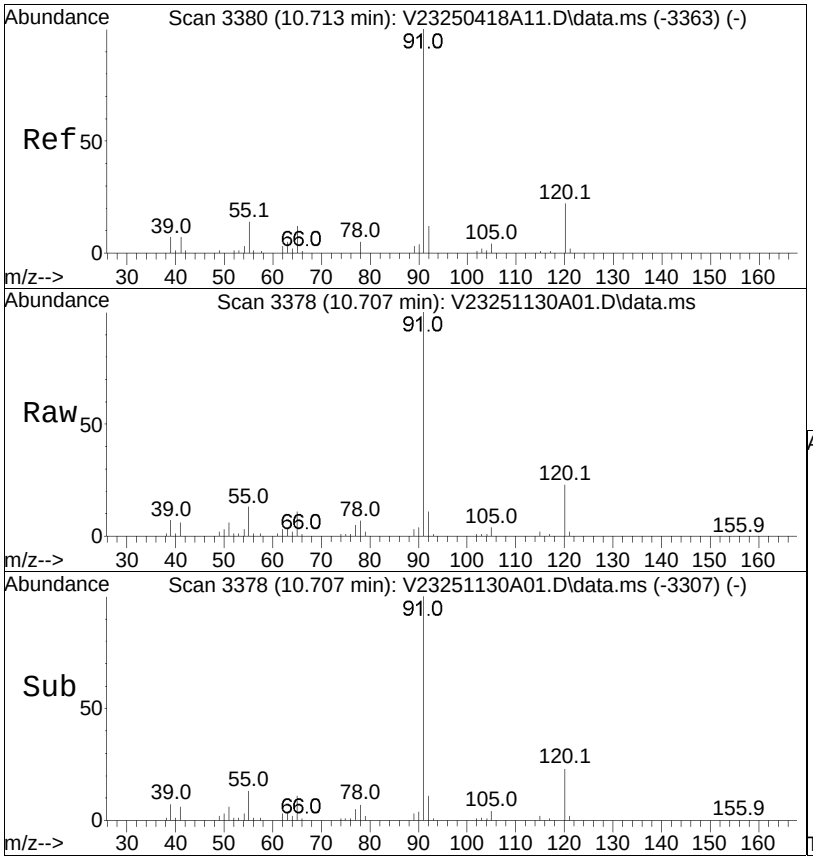


#84
Bromobenzene
Concen: 41.78 ug/L
RT: 10.649 min Scan# 3357
Delta R.T. 0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:156 Resp: 149390

Ion	Ratio	Lower	Upper
156	100		
158	97.9	77.7	116.5

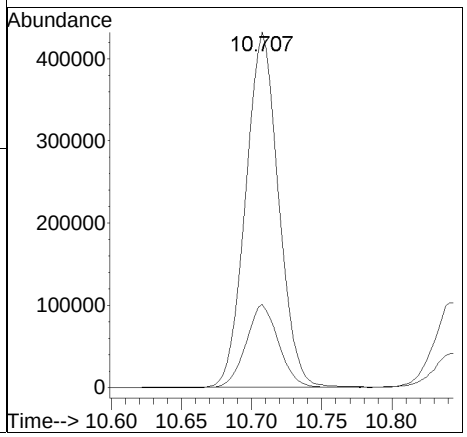


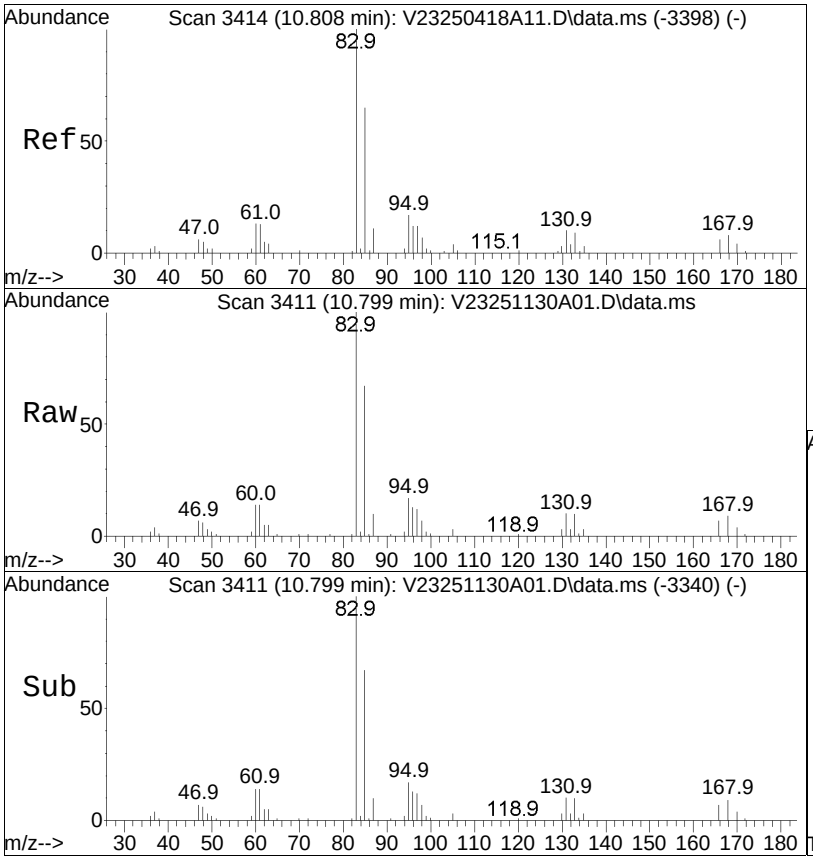


#85
n-Propylbenzene
Concen: 44.61 ug/L
RT: 10.707 min Scan# 3378
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 91 Resp: 704398

Ion	Ratio	Lower	Upper
91	100		
120	23.1	18.2	27.2

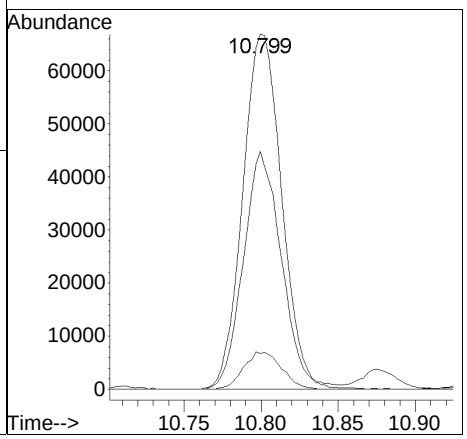


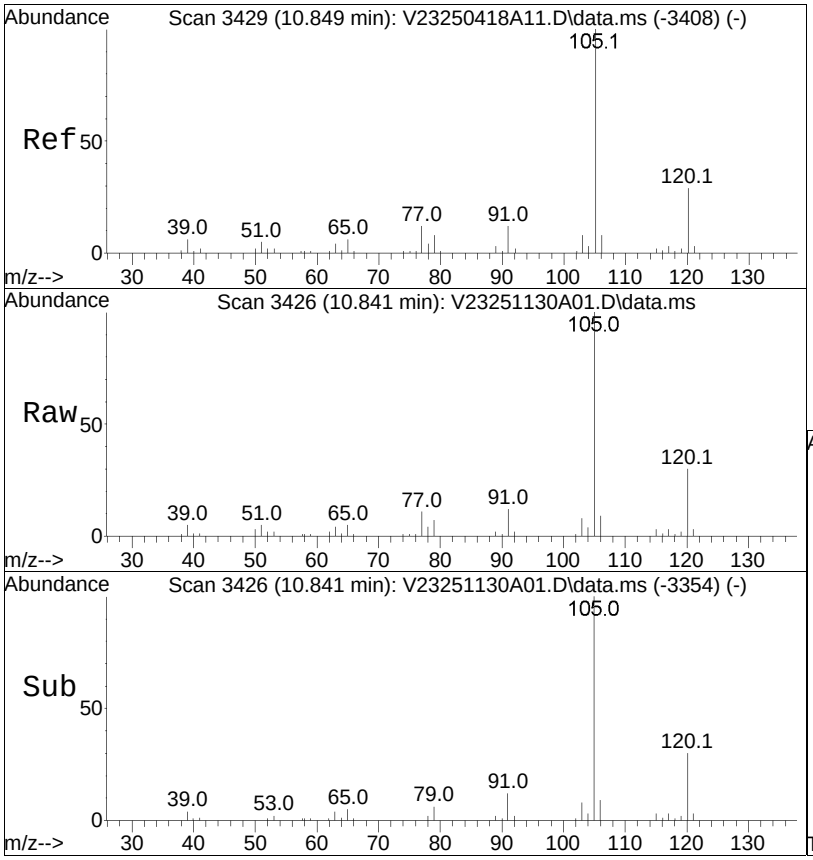


#87
1,1,2,2-Tetrachloroethane
Concen: 40.44 ug/L
RT: 10.799 min Scan# 3411
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 83 Resp: 118041

Ion	Ratio	Lower	Upper
83	100		
131	10.3	0.0	30.1
85	65.6	45.1	85.1

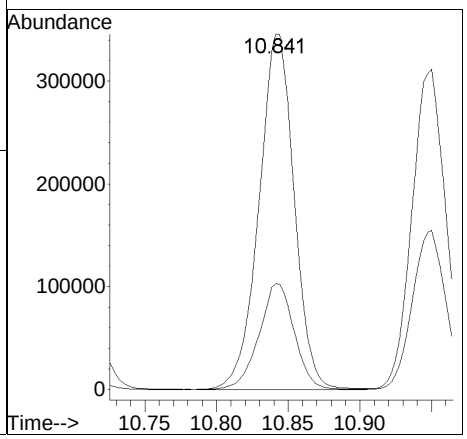


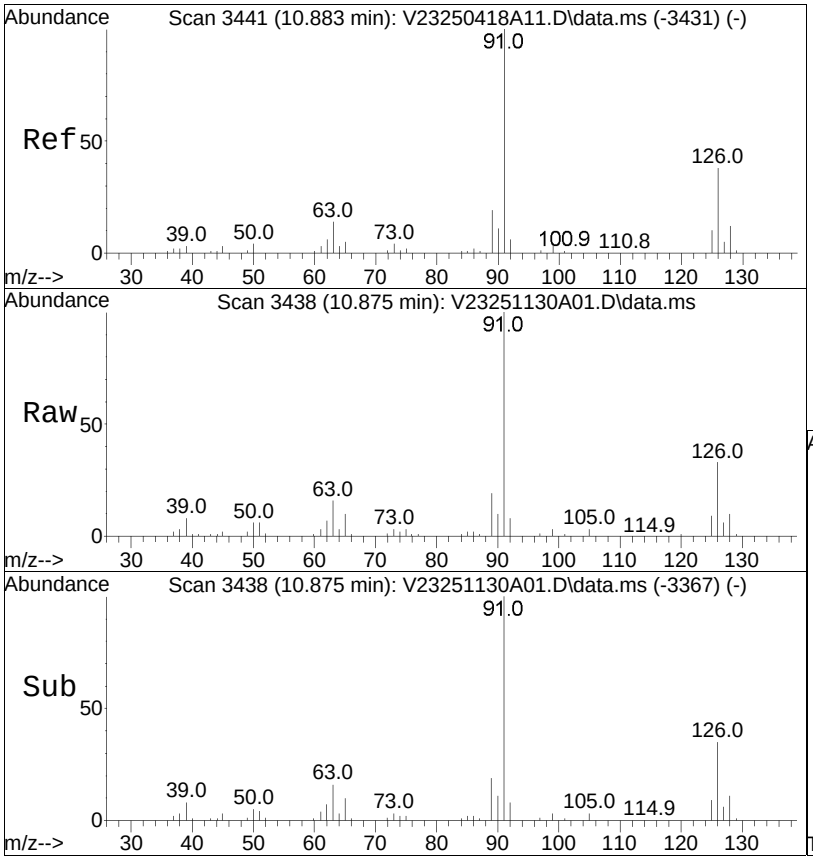


#88
4-Ethyltoluene
Concen: 44.91 ug/L
RT: 10.841 min Scan# 3426
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:105 Resp: 590021

Ion	Ratio	Lower	Upper
105	100		
120	29.8	19.4	40.4

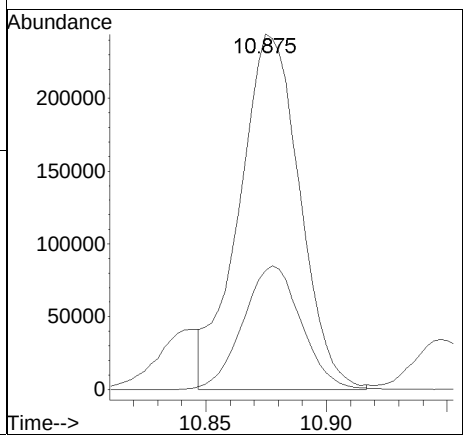


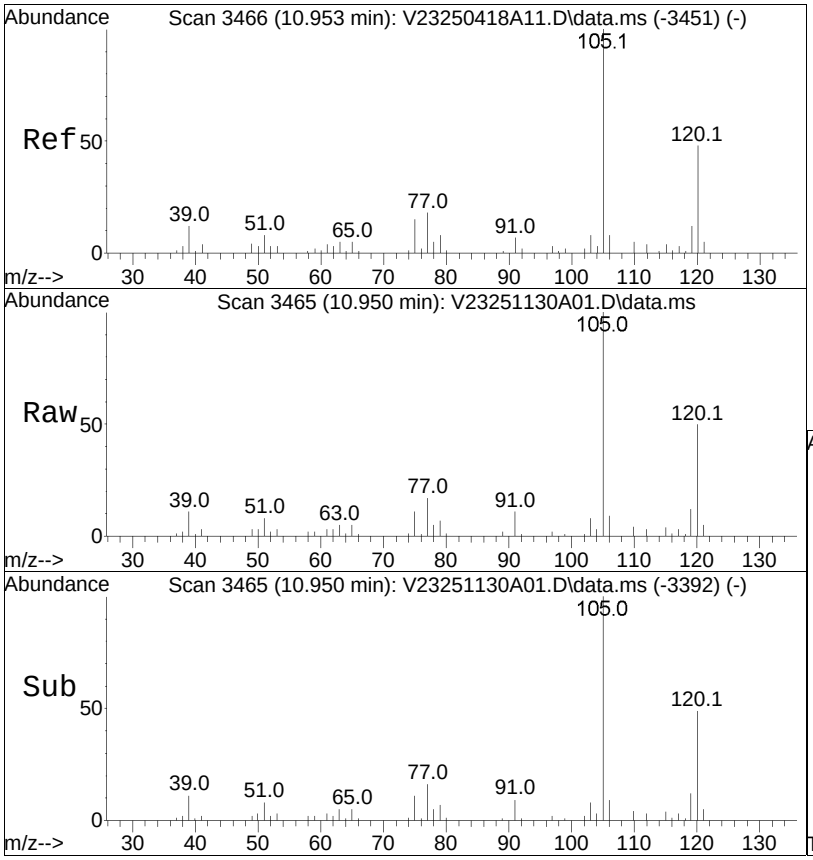


#89
2-Chlorotoluene
Concen: 43.28 ug/L M6
RT: 10.875 min Scan# 3438
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 91 Resp: 426663

Ion	Ratio	Lower	Upper
91	100		
126	33.4	26.7	40.1

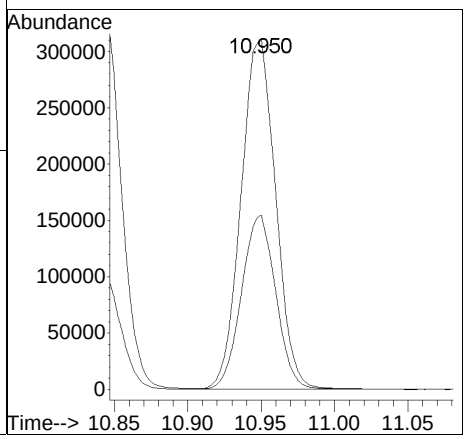


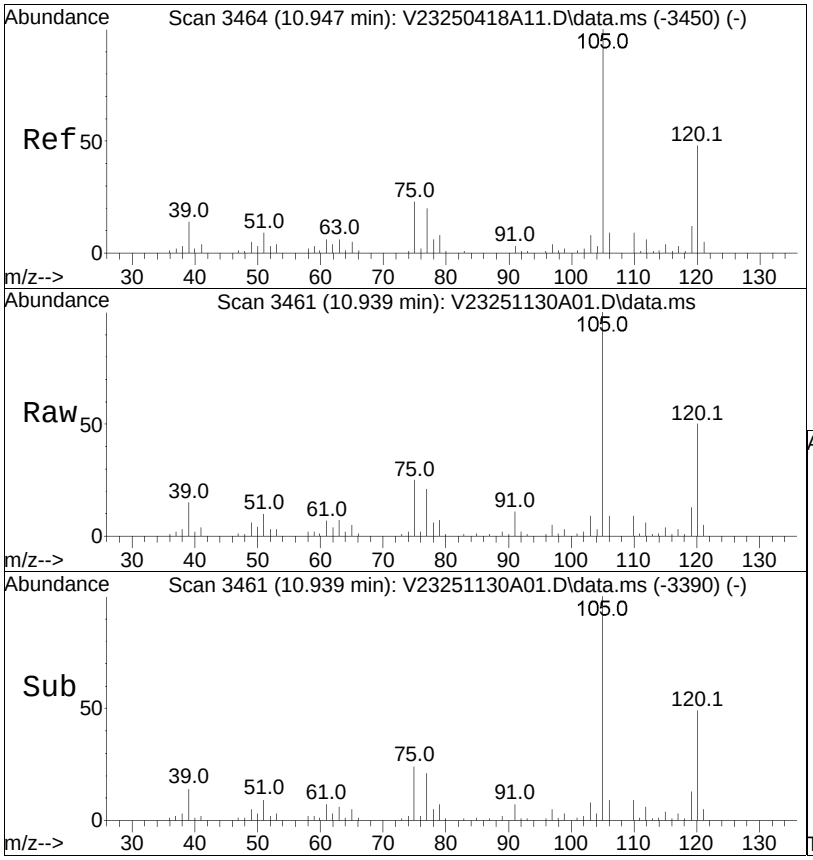


#90
1,3,5-Trimethylbenzene
Concen: 43.62 ug/L
RT: 10.950 min Scan# 3465
Delta R.T. 0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:105 Resp: 508400

Ion	Ratio	Lower	Upper
105	100		
120	49.4	39.9	59.9

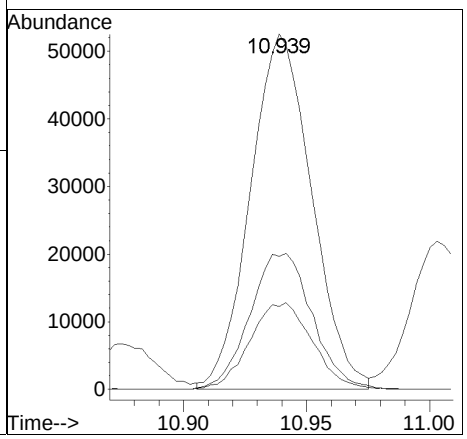


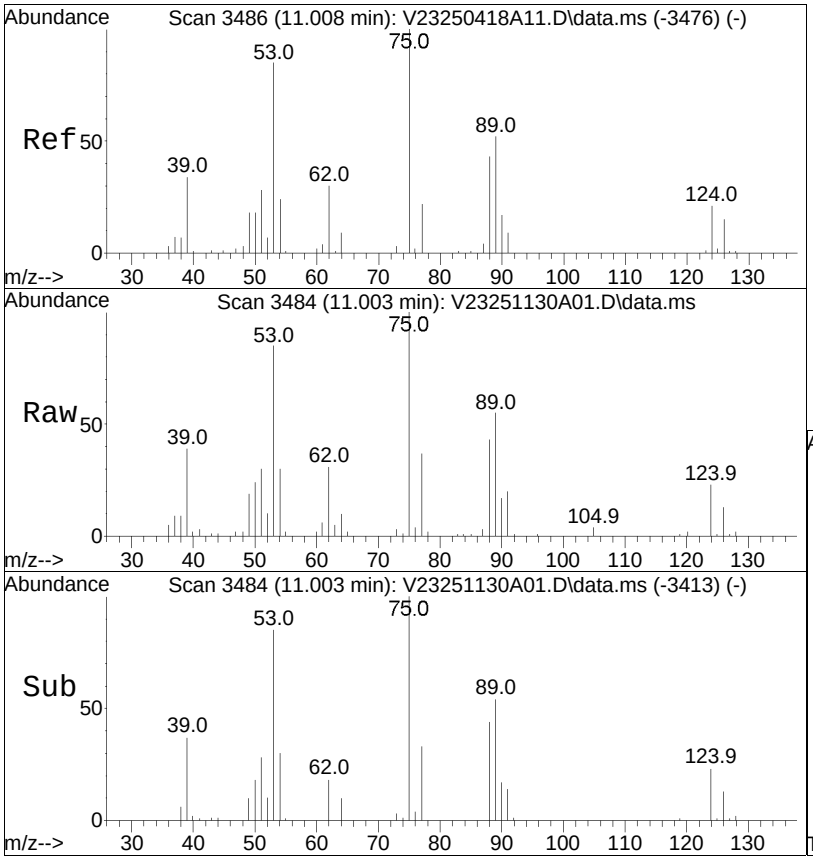


#91
1,2,3-Trichloropropane
Concen: 39.51 ug/L M4
RT: 10.939 min Scan# 3461
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 75 Resp: 91170

Ion	Ratio	Lower	Upper
75	100		
110	38.9	24.6	51.0
112	24.8	15.7	32.5

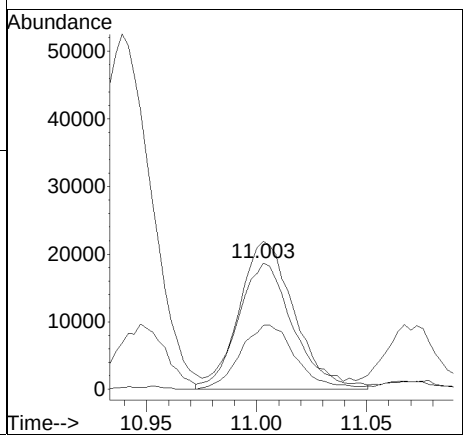


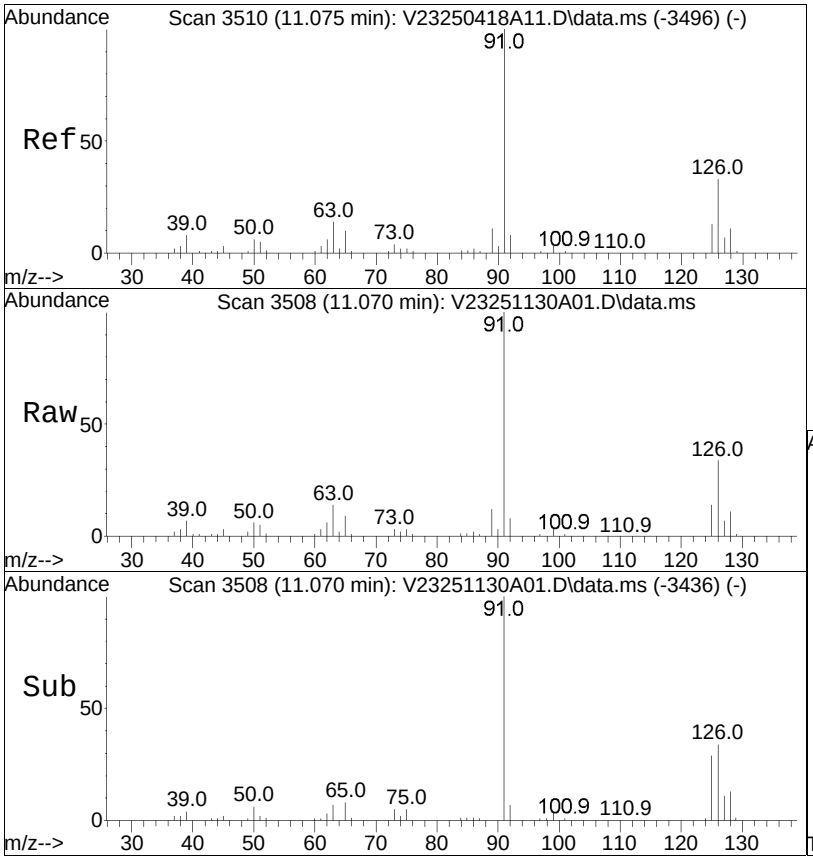


#92
trans-1,4-Dichloro-2-butene
Concen: 40.06 ug/L
RT: 11.003 min Scan# 3484
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 53 Resp: 32664

Ion	Ratio	Lower	Upper
53	100		
88	51.1	45.1	67.7
75	114.2	116.5	174.7#

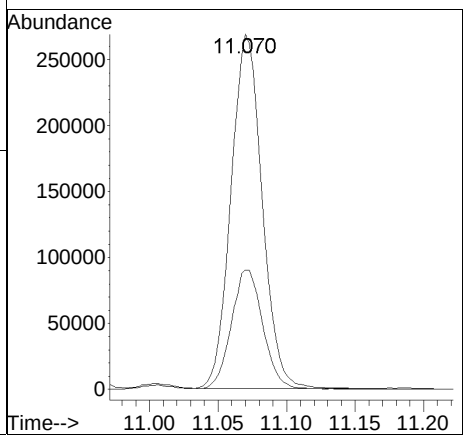


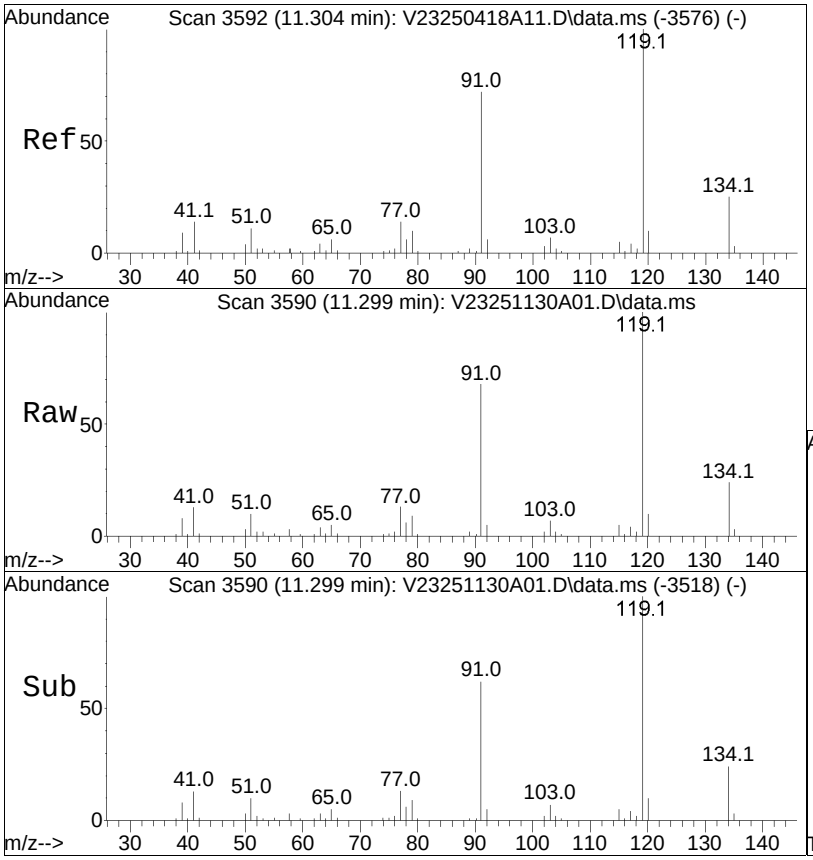


#93
4-Chlorotoluene
Concen: 42.46 ug/L
RT: 11.070 min Scan# 3508
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 91 Resp: 425469

Ion	Ratio	Lower	Upper
91	100		
126	34.0	26.9	40.3

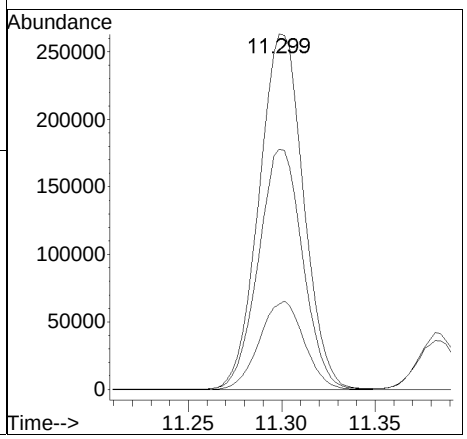


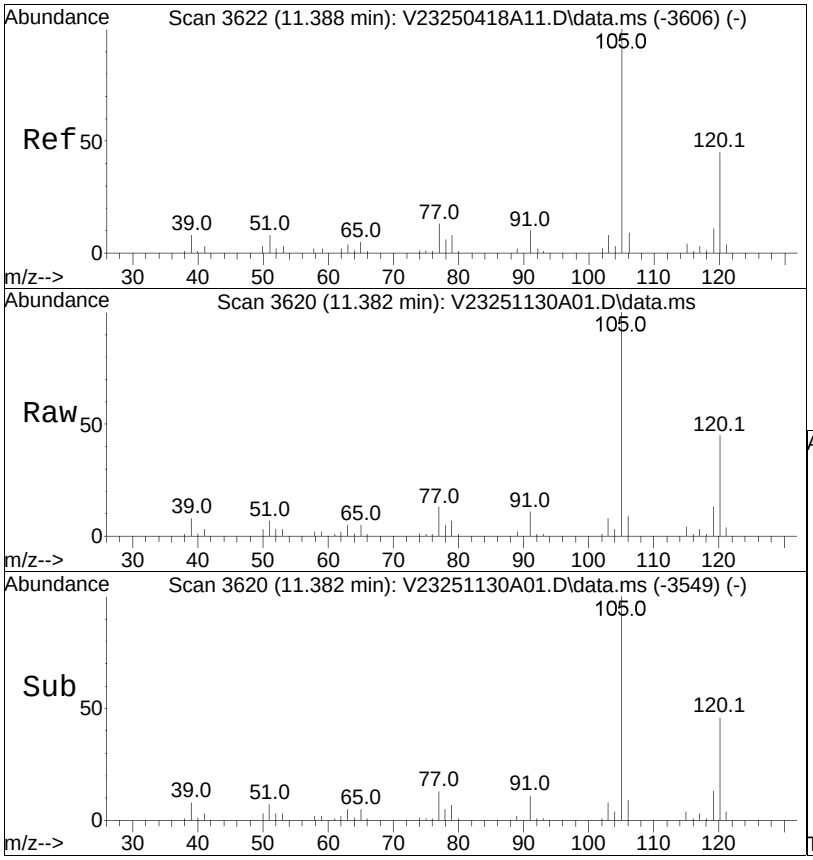


#94
tert-Butylbenzene
Concen: 44.63 ug/L
RT: 11.299 min Scan# 3590
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:119 Resp: 435580

Ion	Ratio	Lower	Upper
119	100		
91	67.1	53.1	79.7
134	24.9	20.4	30.6

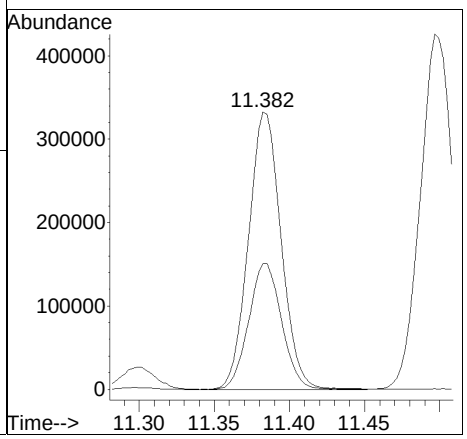


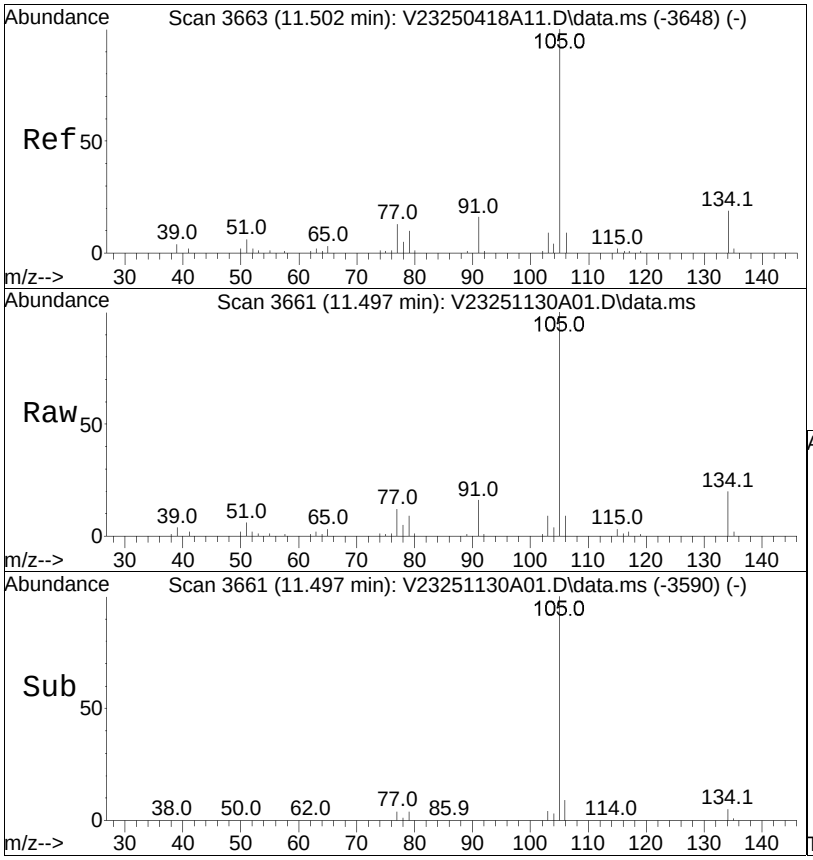


#97
1,2,4-Trimethylbenzene
Concen: 43.42 ug/L
RT: 11.382 min Scan# 3620
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:105 Resp: 502969

Ion	Ratio	Lower	Upper
105	100		
120	45.8	36.9	55.3

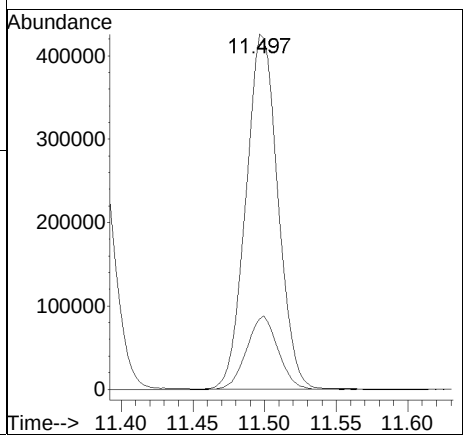


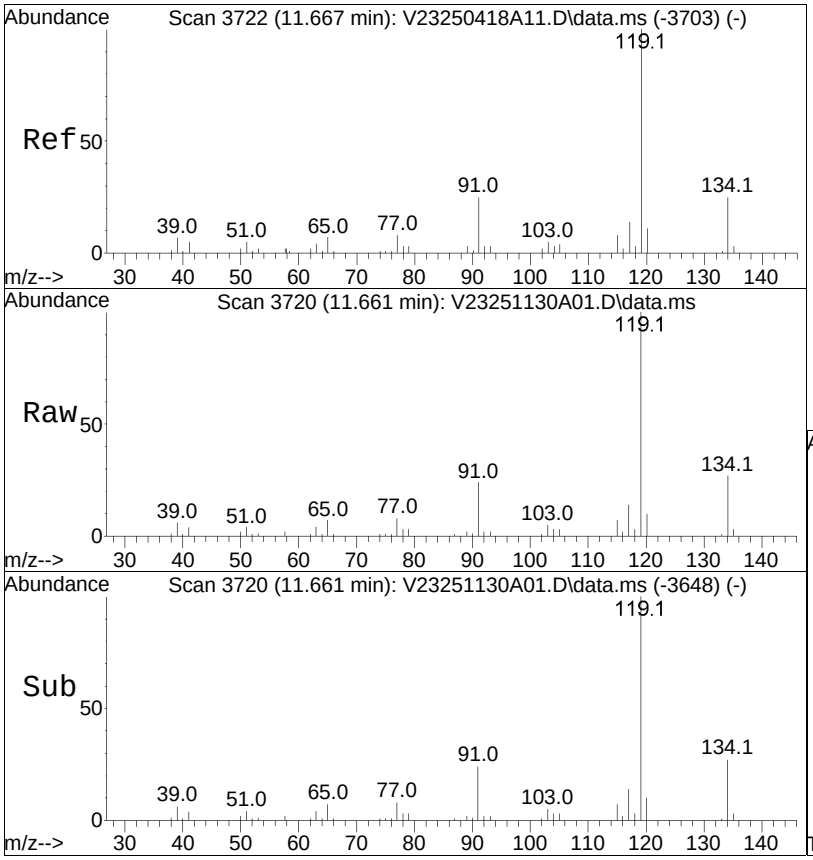


#98
sec-Butylbenzene
Concen: 45.27 ug/L
RT: 11.497 min Scan# 3661
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:105 Resp: 660844

Ion	Ratio	Lower	Upper
105	100		
134	20.3	13.1	27.1

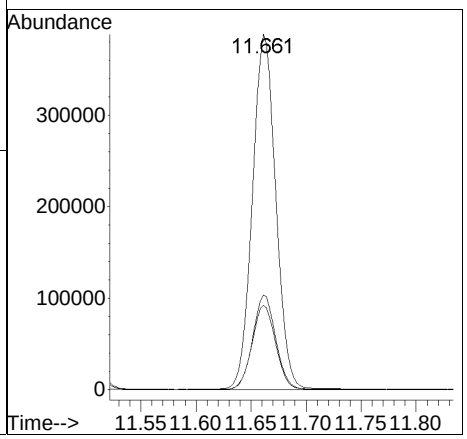


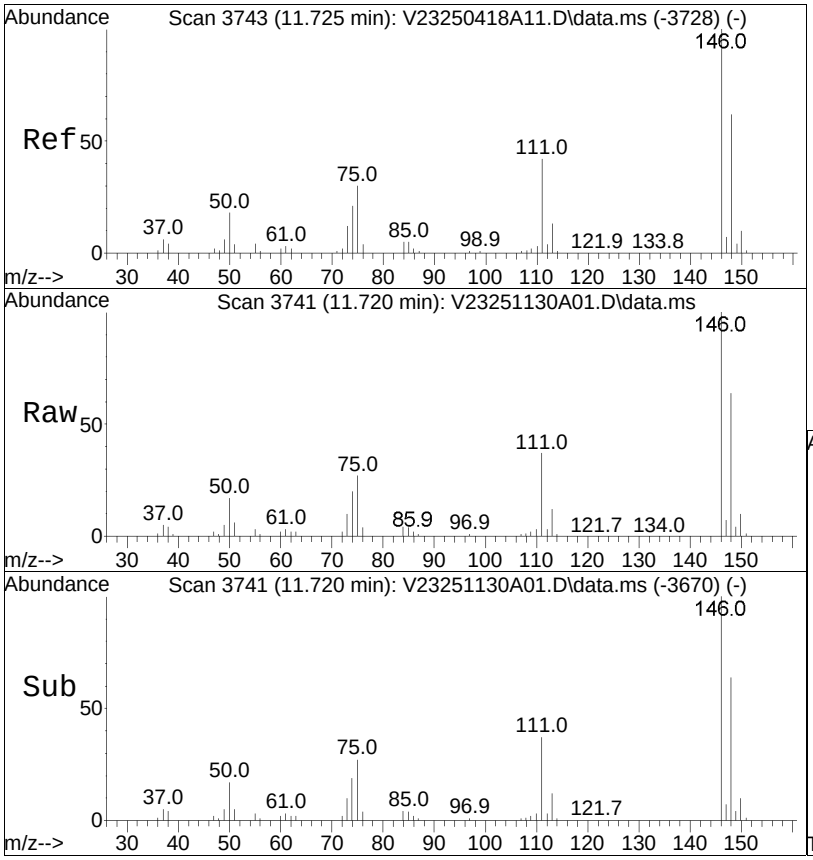


#99
p-Isopropyltoluene
Concen: 45.40 ug/L
RT: 11.661 min Scan# 3720
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:119 Resp: 573975

Ion	Ratio	Lower	Upper
119	100		
134	26.2	17.2	35.6
91	23.9	15.1	31.3

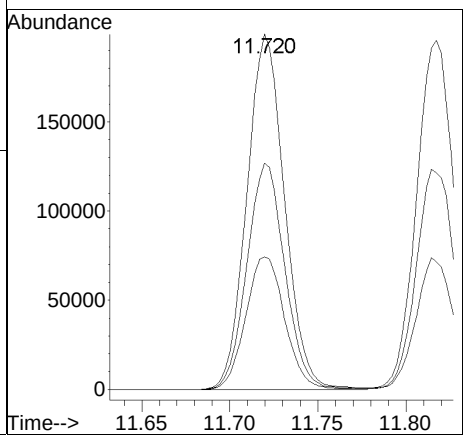


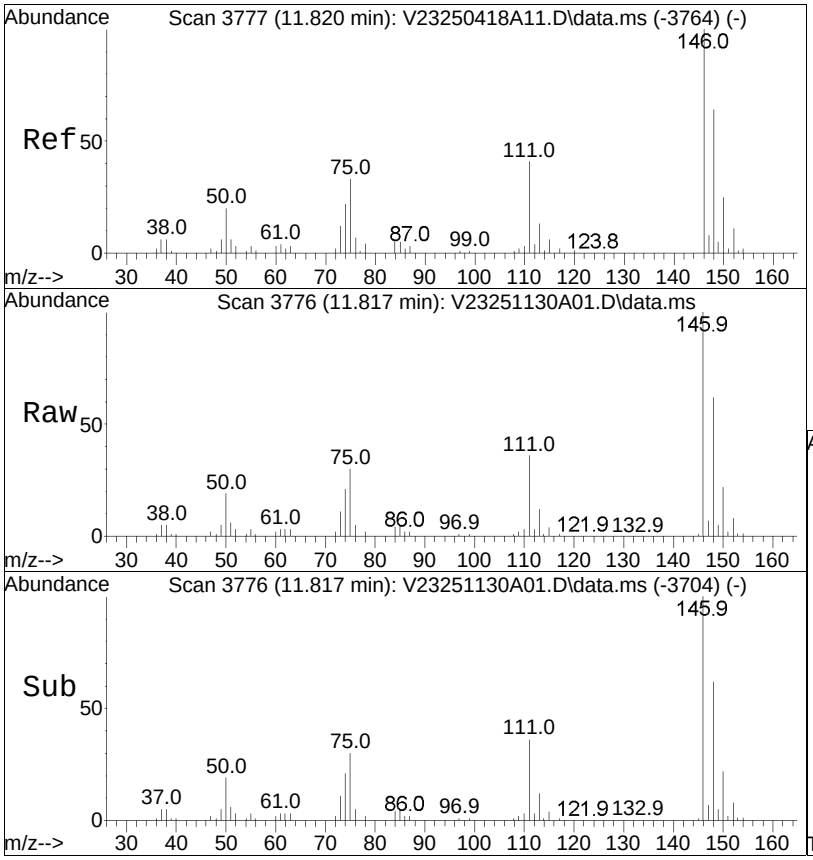


#100
1,3-Dichlorobenzene
Concen: 43.85 ug/L
RT: 11.720 min Scan# 3741
Delta R.T. -0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:146 Resp: 296442

Ion	Ratio	Lower	Upper
146	100		
111	38.5	26.0	54.0
148	64.1	41.4	86.0

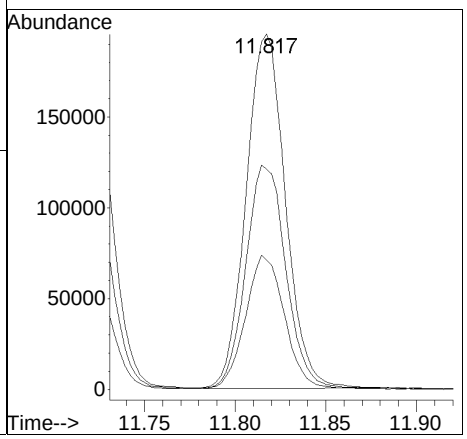


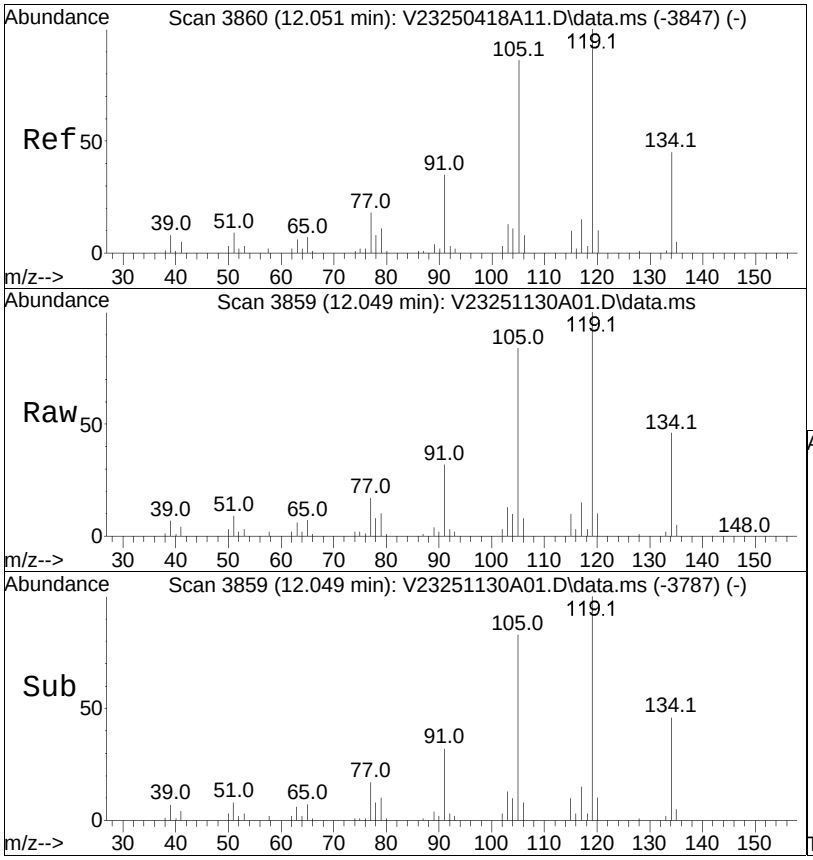


#101
1,4-Dichlorobenzene
Concen: 42.55 ug/L
RT: 11.817 min Scan# 3776
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:146 Resp: 294709

Ion	Ratio	Lower	Upper
146	100		
111	37.7	31.1	46.7
148	64.8	50.8	76.2

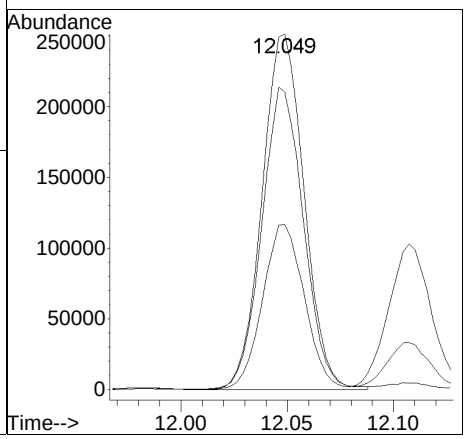


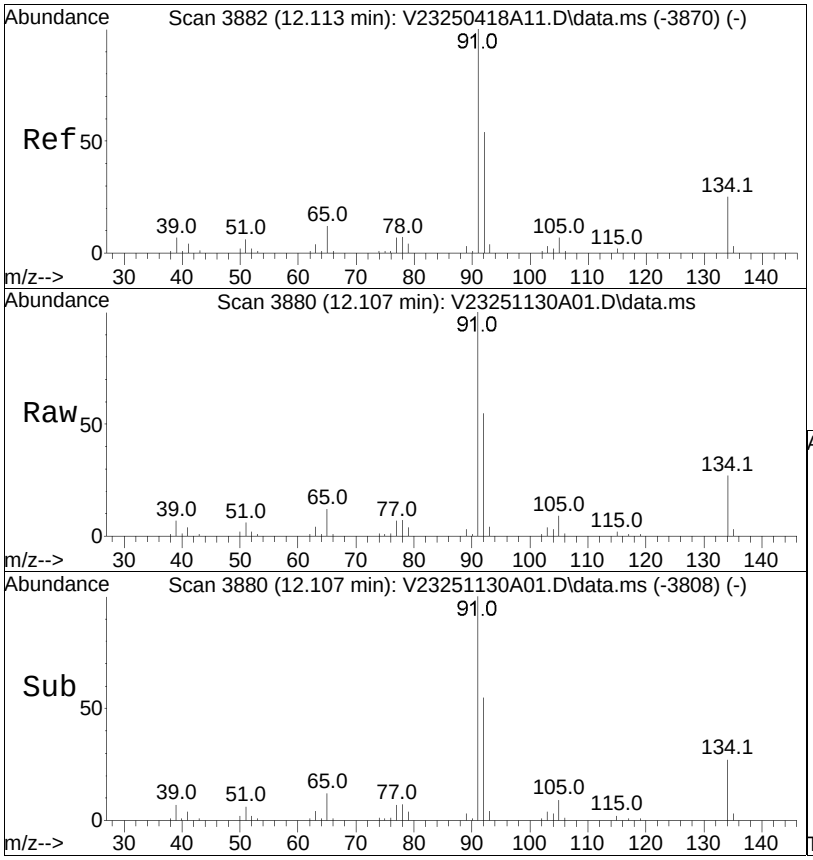


#102
p-Diethylbenzene
Concen: 46.11 ug/L
RT: 12.049 min Scan# 3859
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:119 Resp: 345207

Ion	Ratio	Lower	Upper
119	100		
105	84.2	55.1	114.5
134	46.3	30.0	62.2

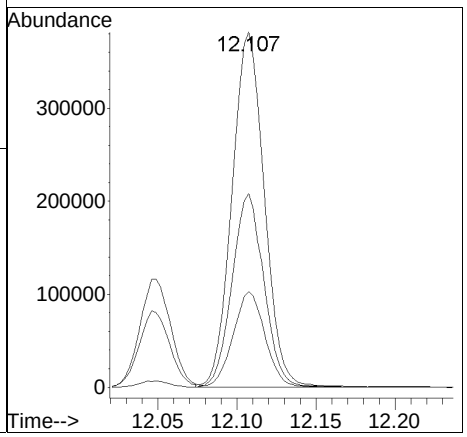


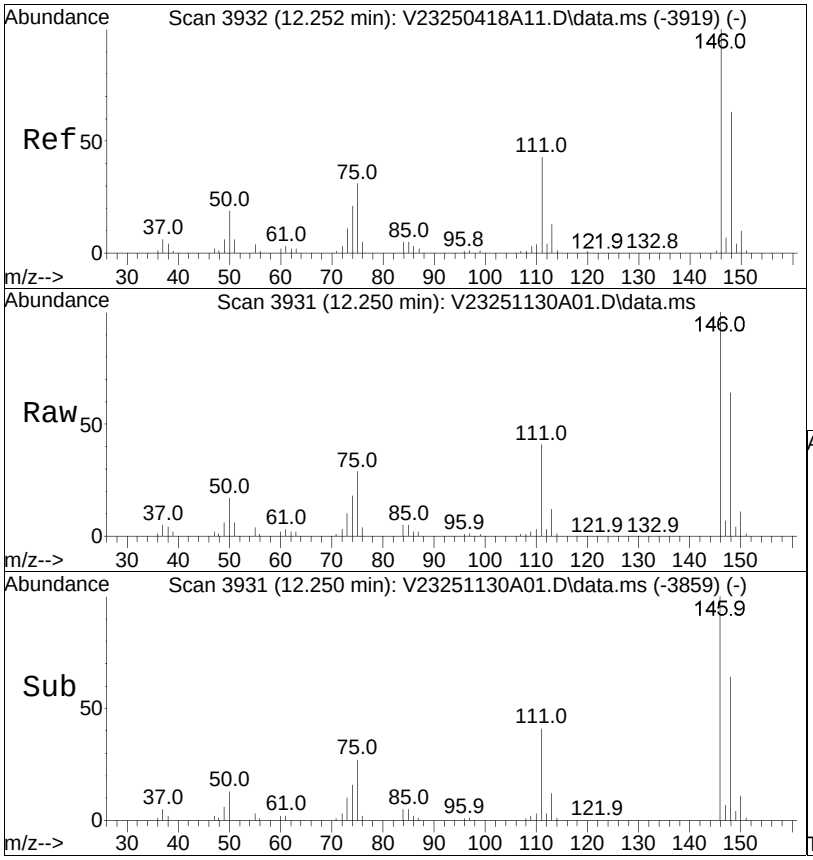


#103
n-Butylbenzene
Concen: 47.71 ug/L
RT: 12.107 min Scan# 3880
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion: 91 Resp: 541147

Ion	Ratio	Lower	Upper
91	100		
92	54.0	44.2	66.4
134	26.6	21.2	31.8

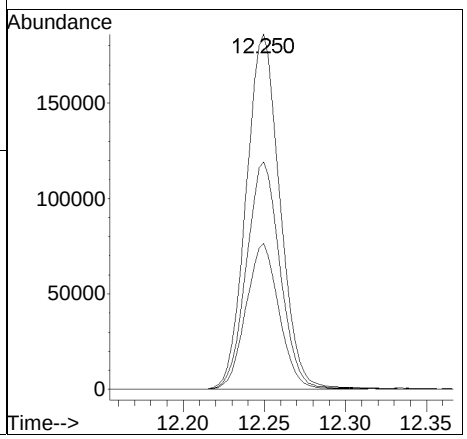


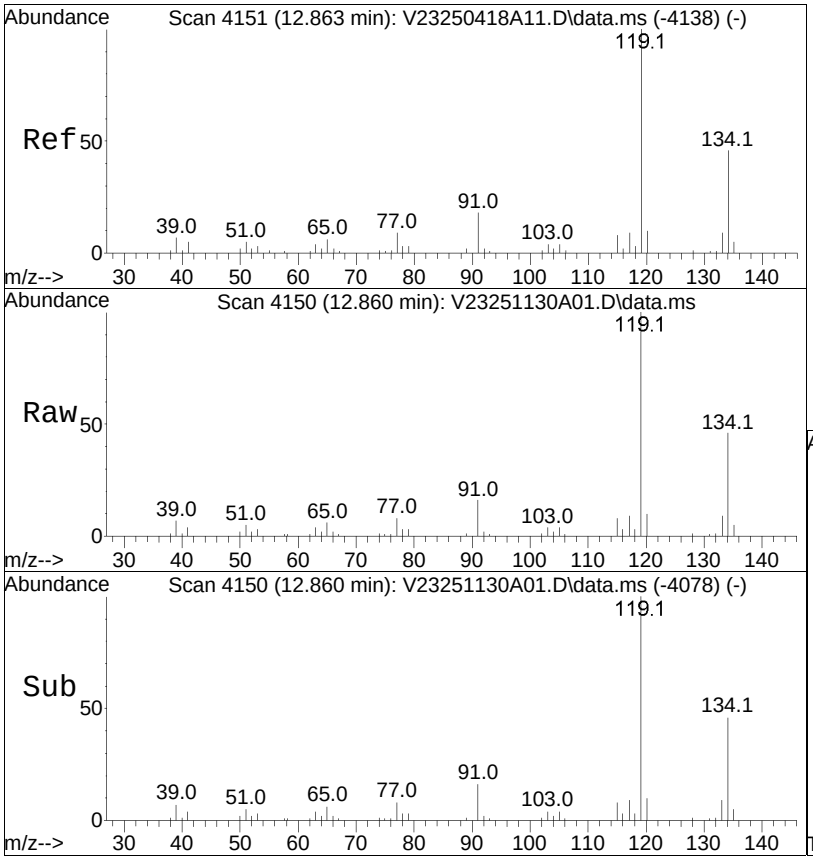


#104
1,2-Dichlorobenzene
Concen: 42.62 ug/L
RT: 12.250 min Scan# 3931
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:146 Resp: 270050

Ion	Ratio	Lower	Upper
146	100		
111	40.2	26.8	55.8
148	64.0	41.3	85.7

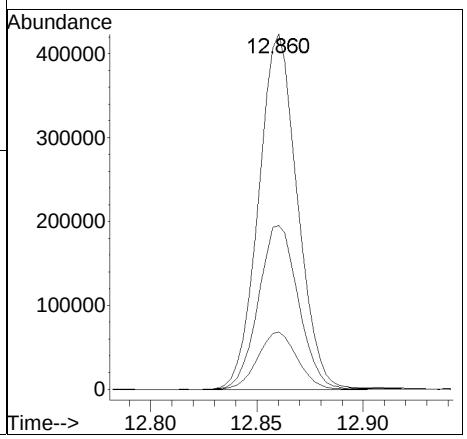


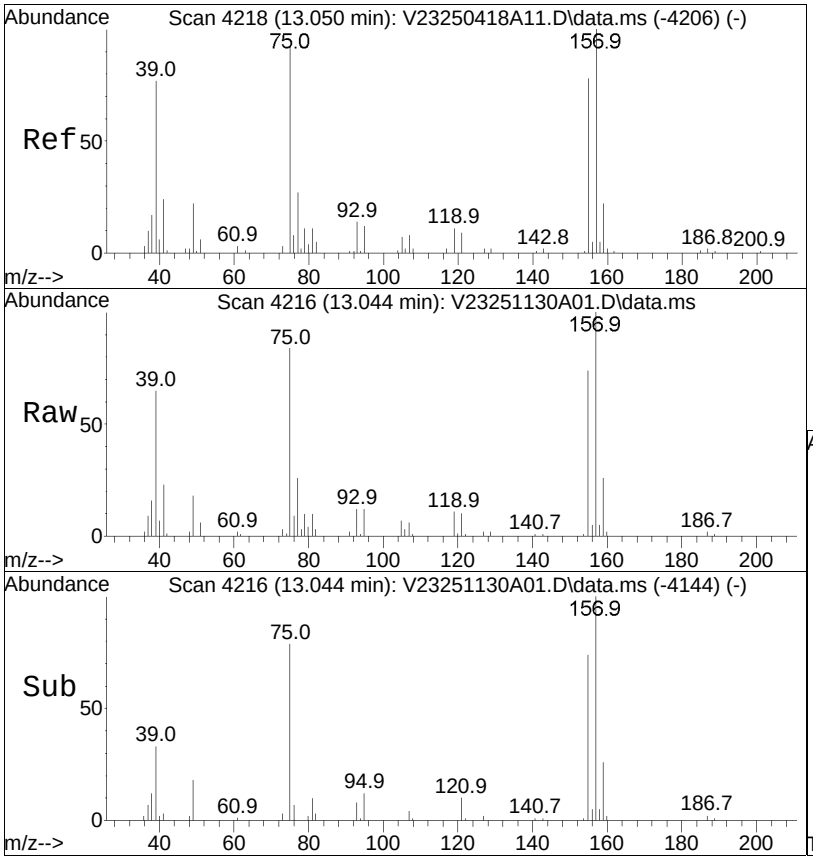


#105
1,2,4,5-Tetramethylbenzene
Concen: 44.16 ug/L
RT: 12.860 min Scan# 4150
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:119 Resp: 538239

Ion	Ratio	Lower	Upper
119	100		
134	47.6	31.3	64.9
91	16.5	10.3	21.3

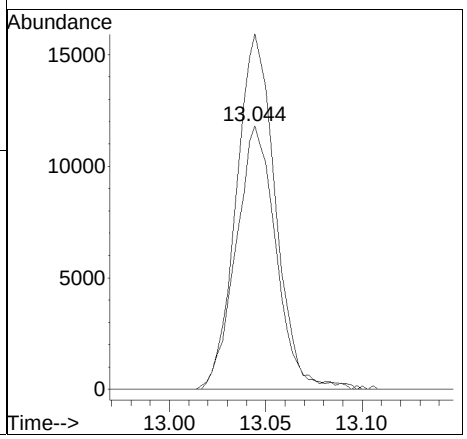


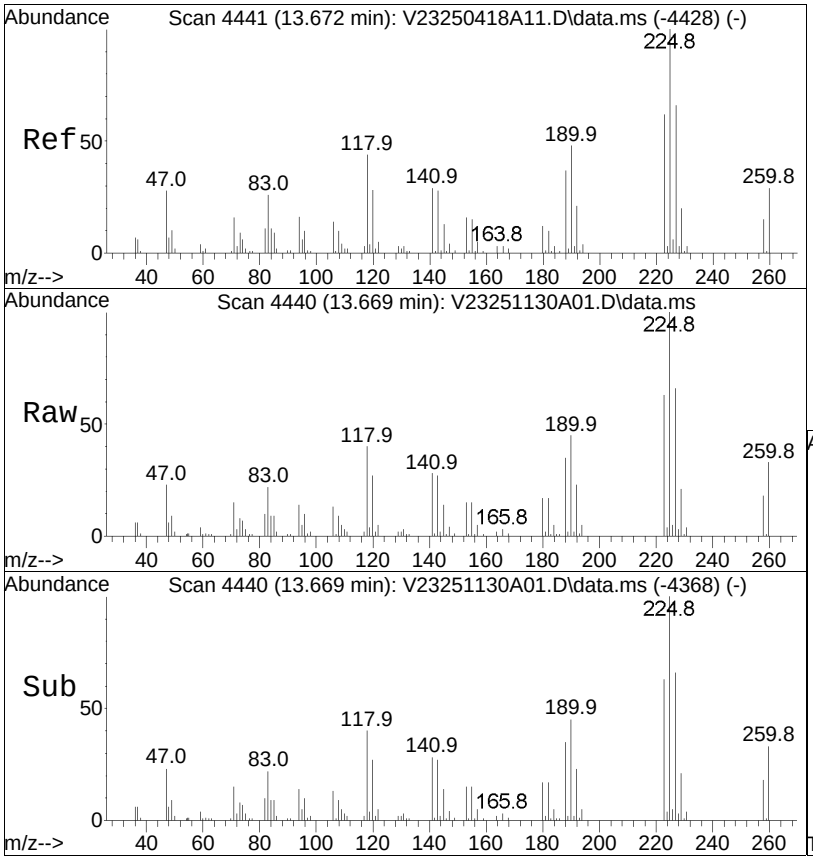


#106
1,2-Dibromo-3-chloropropane
Concen: 38.29 ug/L
RT: 13.044 min Scan# 4216
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:155 Resp: 17099

Ion	Ratio	Lower	Upper
155	100		
157	131.8	101.5	152.3

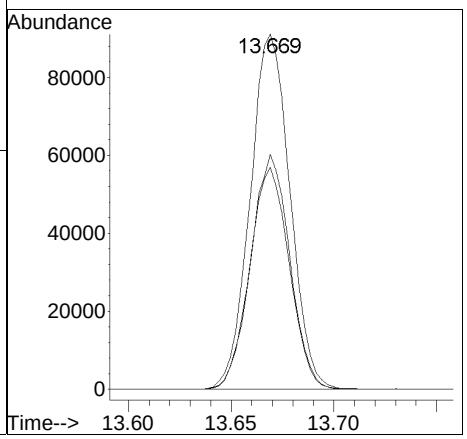


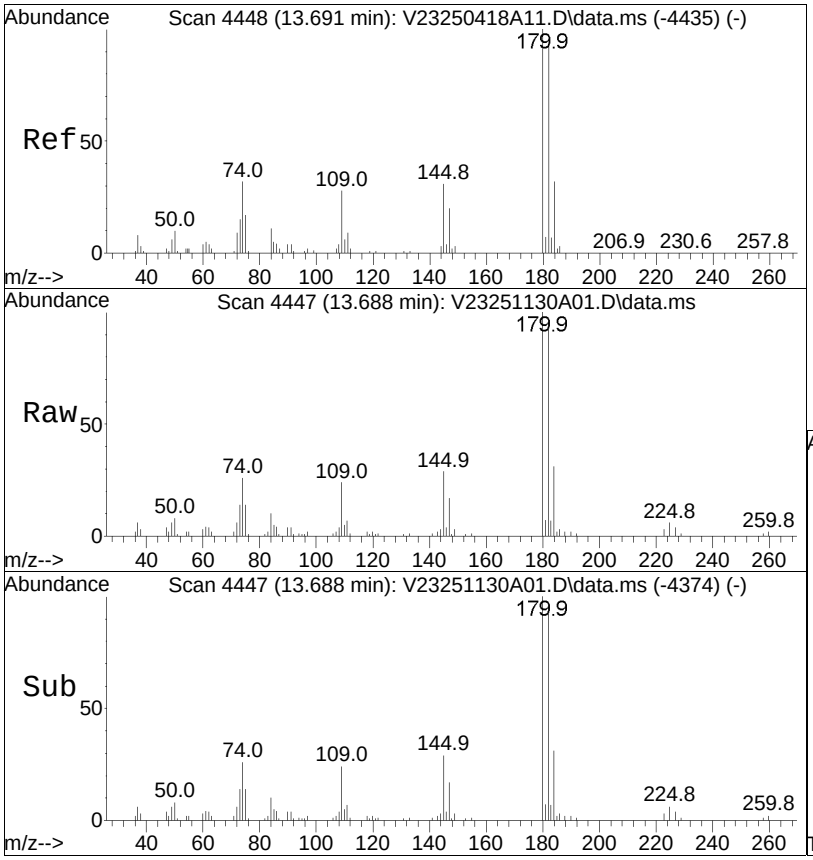


#108
Hexachlorobutadiene
Concen: 47.45 ug/L
RT: 13.669 min Scan# 4440
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:225 Resp: 122997

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.9	74.9
227	64.8	50.7	76.1

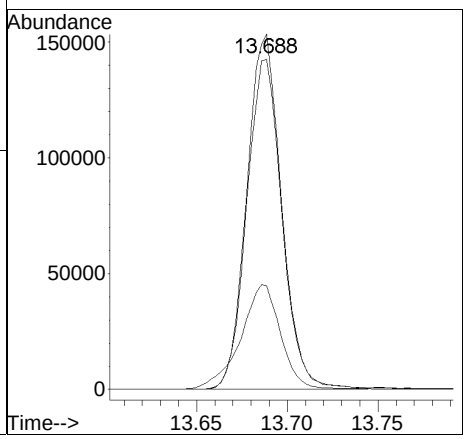


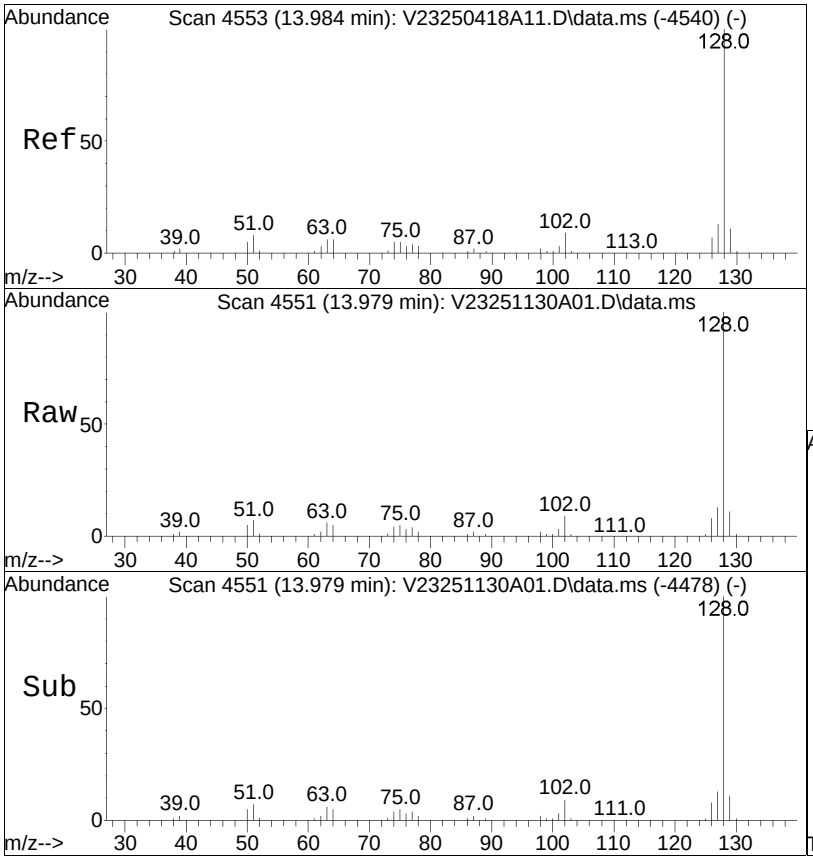


#109
1,2,4-Trichlorobenzene
Concen: 45.02 ug/L
RT: 13.688 min Scan# 4447
Delta R.T. 0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:180 Resp: 205578

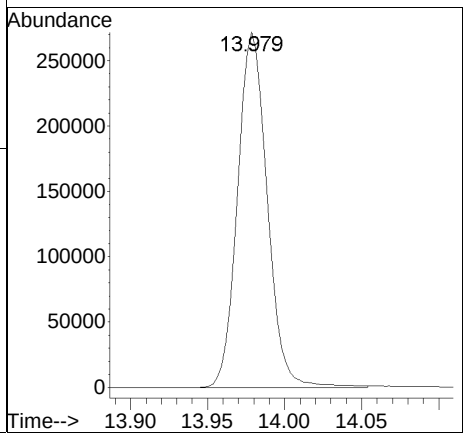
Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.2	114.4
145	33.9	27.4	41.2

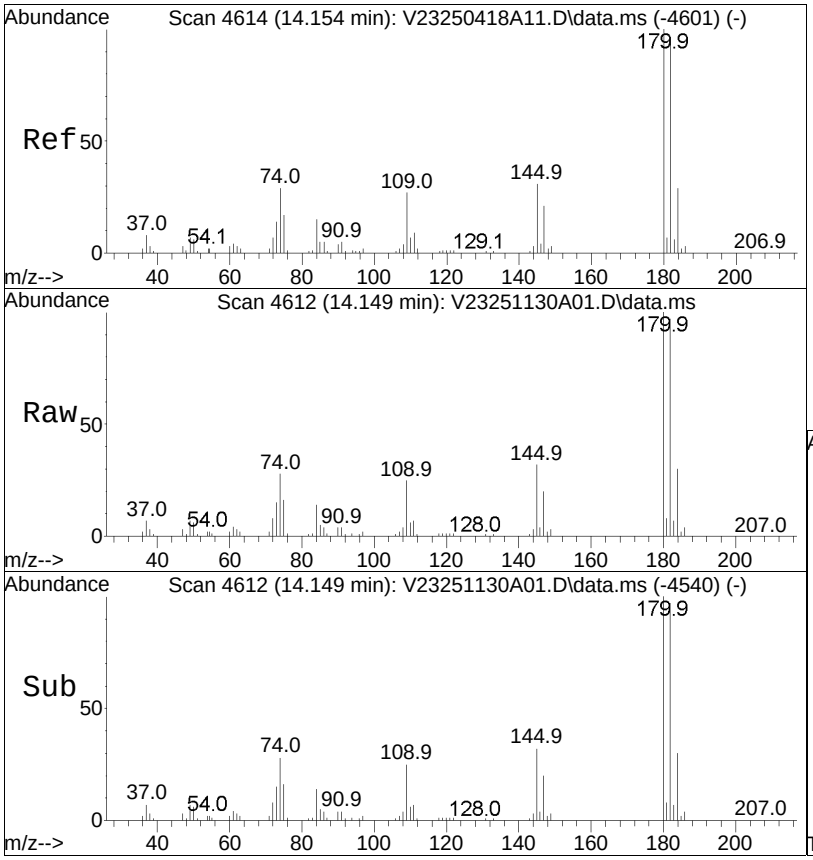




#110
Naphthalene
Concen: 41.69 ug/L
RT: 13.979 min Scan# 4551
Delta R.T. 0.003 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:128 Resp: 364877

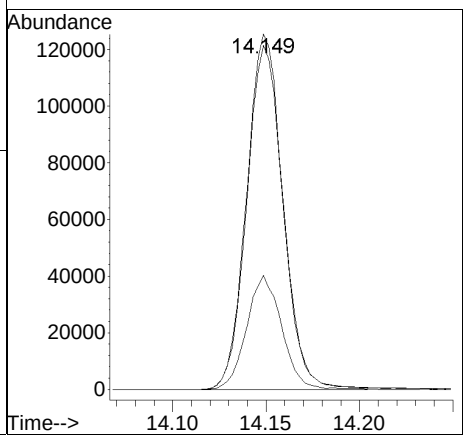




#111
1,2,3-Trichlorobenzene
Concen: 43.52 ug/L
RT: 14.149 min Scan# 4612
Delta R.T. 0.000 min
Lab File: V23251130A01.D
Acq: 30 Nov 2025 04:39 pm

Tgt Ion:180 Resp: 170150

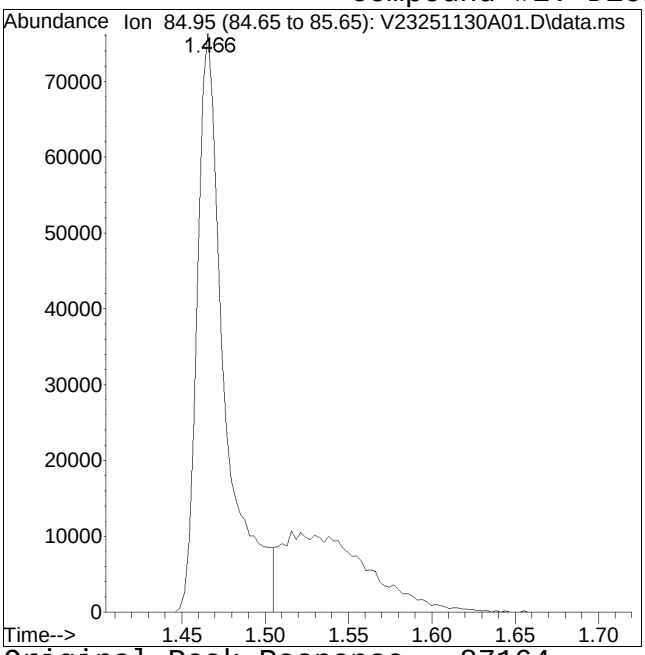
Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.4	113.0
145	30.9	25.2	37.8



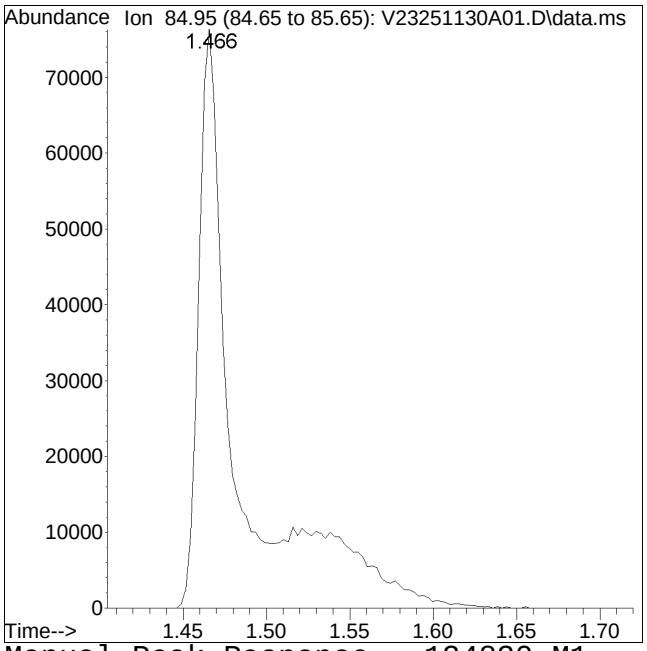
Manual Integration Report

Data Path : K:\VOA123\2025\251130A\ QMethod : V123_251103N_8260.m
Data File : V23251130A01.D Operator : VOA123:RAW
Date Inj'd : 11/30/2025 4:39 pm Instrument : VOA123
Sample : WG2147799-3,31h,15,15,0.1 Quant Date : 11/30/2025 5:34 pm

Compound #2: Dichlorodifluoromethane



Original Peak Response = 87164



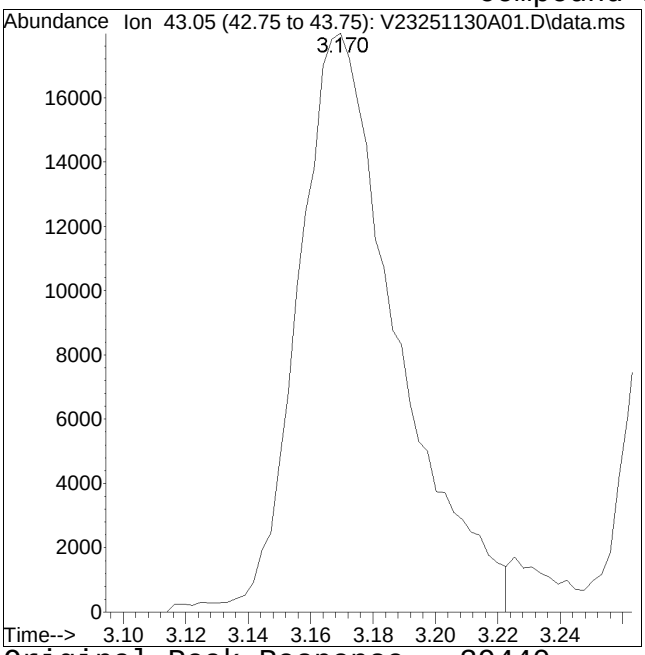
Manual Peak Response = 124830 M1

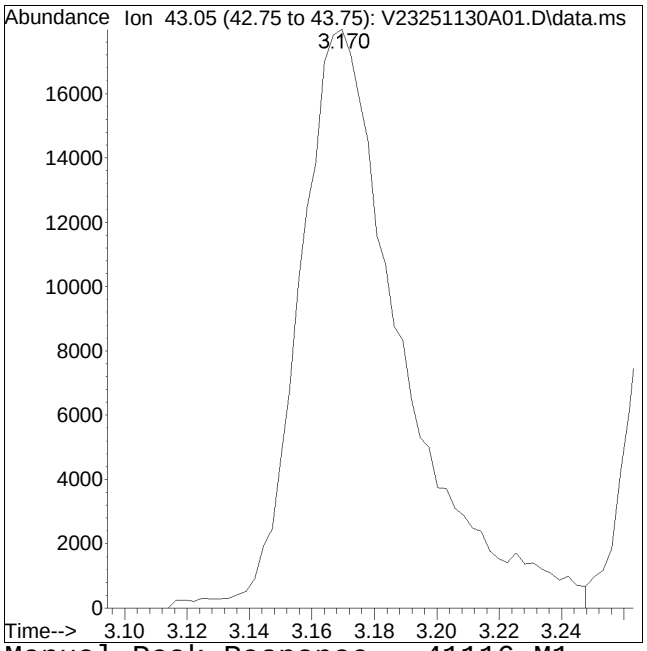
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251130A\ QMethod : V123_251103N_8260.m
Data File : V23251130A01.D Operator : VOA123:RAW
Date Inj'd : 11/30/2025 4:39 pm Instrument : VOA123
Sample : WG2147799-3,31h,15,15,0.1 Quant Date : 11/30/2025 5:34 pm

Compound #17: Acetone



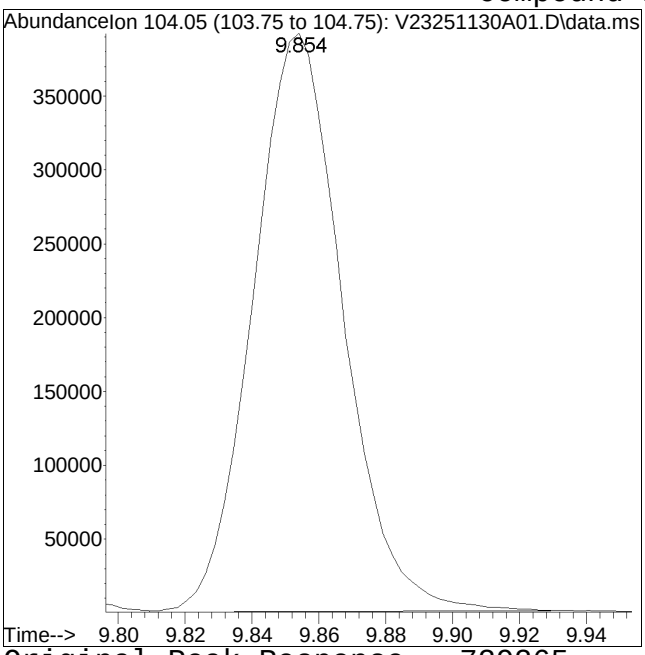


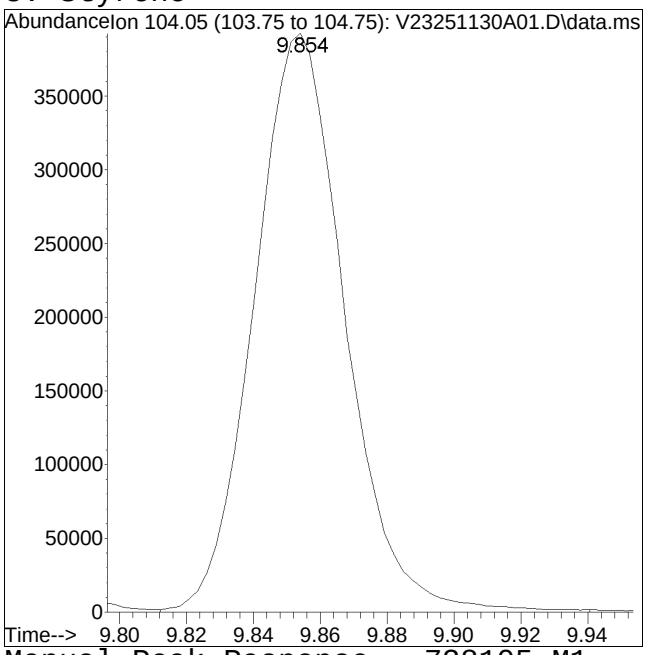
Original Peak Response = 39440 Manual Peak Response = 41116 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251130A\ QMethod : V123_251103N_8260.m
Data File : V23251130A01.D Operator : VOA123:RAW
Date Inj'd : 11/30/2025 4:39 pm Instrument : VOA123
Sample : WG2147799-3,31h,15,15,0.1 Quant Date : 11/30/2025 5:34 pm

Compound #78: Styrene



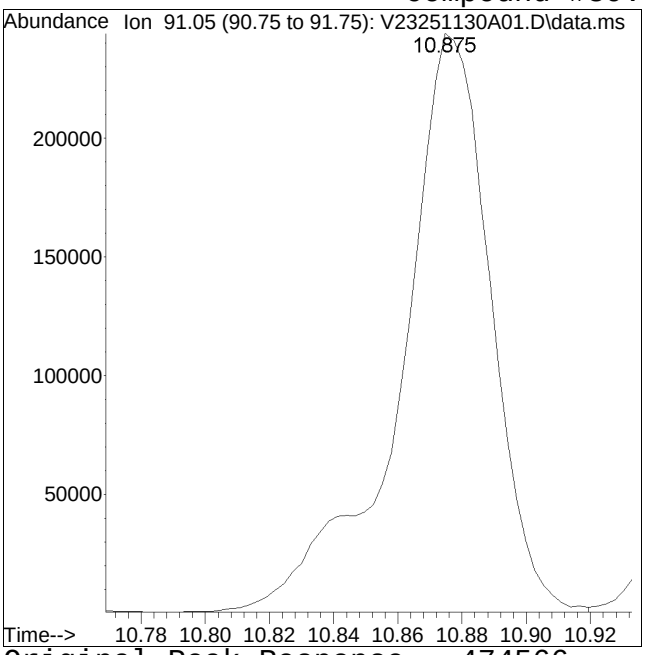


Original Peak Response = 729265 Manual Peak Response = 738105 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

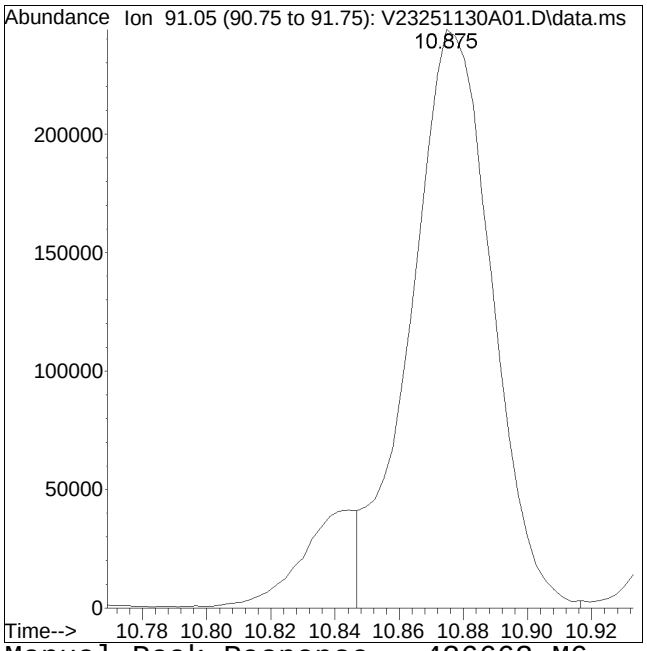
Manual Integration Report

Data Path : K:\VOA123\2025\251130A\ QMethod : V123_251103N_8260.m
Data File : V23251130A01.D Operator : VOA123:RAW
Date Inj'd : 11/30/2025 4:39 pm Instrument : VOA123
Sample : WG2147799-3,31h,15,15,0.1 Quant Date : 11/30/2025 5:34 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 474566



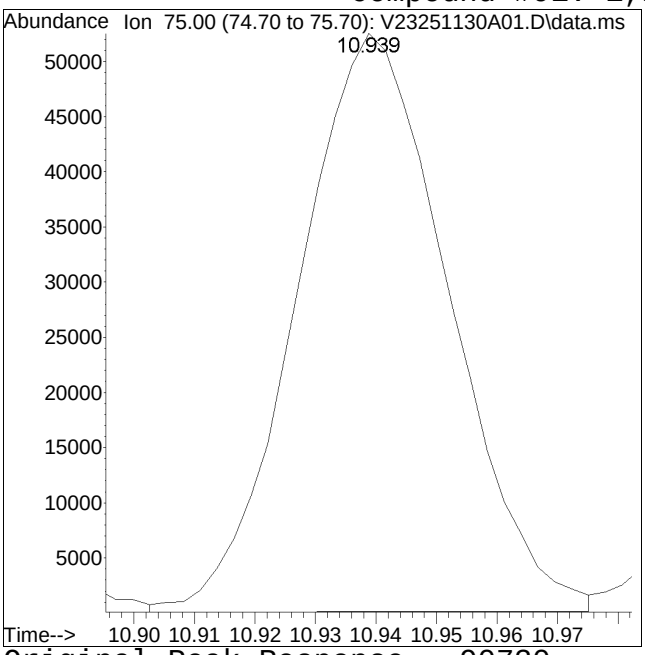
Manual Peak Response = 426663 M6

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

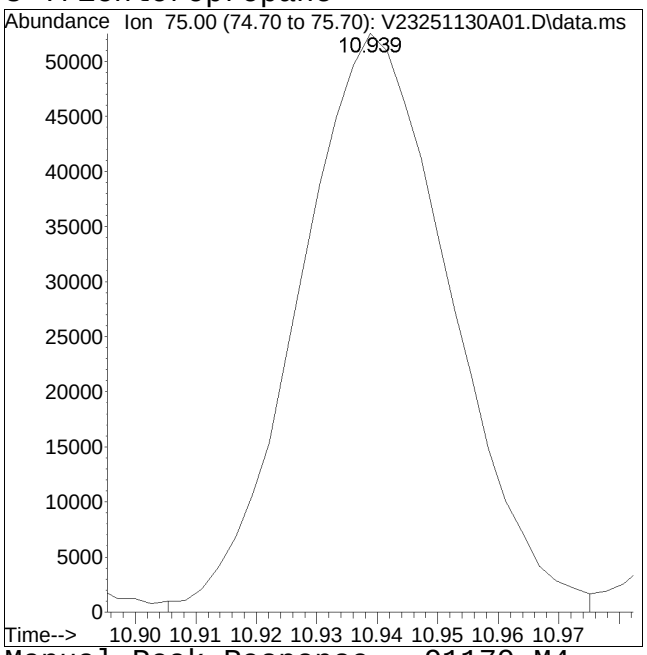
Manual Integration Report

Data Path : K:\VOA123\2025\251130A\ QMethod : V123_251103N_8260.m
Data File : V23251130A01.D Operator : VOA123:RAW
Date Inj'd : 11/30/2025 4:39 pm Instrument : VOA123
Sample : WG2147799-3,31h,15,15,0.1 Quant Date : 11/30/2025 5:34 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 90730



Manual Peak Response = 91170 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148015-3,31,5,5
Misc : WG2148015,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.520	96	206936	20.000 ug/L	0.00
Standard Area 1 = 206936			Recovery = 100.00%		
59) Chlorobenzene-d5	8.992	117	154785	20.000 ug/L	0.00
Standard Area 1 = 154785			Recovery = 100.00%		
79) 1,4-Dichlorobenzene-d4	11.800	152	86212	20.000 ug/L	0.00
Standard Area 1 = 86212			Recovery = 100.00%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.734	113	50931	19.539 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.70%		
43) 1,2-Dichloroethane-d4	5.244	65	49864	18.689 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.44%		
60) Toluene-d8	7.174	98	196836	18.804 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.02%		
83) 4-Bromofluorobenzene	10.537	95	71679	18.597 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.99%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.468	85	123719M1	54.279 ug/L	
3) Chloromethane	1.666	50	122248	49.312 ug/L	99
4) Vinyl chloride	1.691	62	147391M1	54.774 ug/L	
5) Bromomethane	1.965	94	116685	67.794 ug/L	98
6) Chloroethane	2.071	64	100165	53.709 ug/L	97
7) Trichlorofluoromethane	2.193	101	223343	54.872 ug/L	91
8) Ethyl ether	2.453	74	61046	44.853 ug/L	91
10) 1,1-Dichloroethene	2.628	96	103323	47.981 ug/L	90
11) Carbon disulfide	2.656	76	360650	45.460 ug/L	97
15) Methylene chloride	3.130	84	118163	42.270 ug/L	90
17) Acetone	3.169	43	35636	54.718 ug/L	94
18) trans-1,2-Dichloroethene	3.278	96	119281	47.382 ug/L	96
20) Methyl tert-butyl ether	3.362	73	306072	42.636 ug/L	94
23) 1,1-Dichloroethane	3.819	63	214012	46.230 ug/L	100
25) Acrylonitrile	3.861	53	24056	43.113 ug/L #	91
27) Vinyl acetate	4.045	43	225038	42.033 ug/L	94
28) cis-1,2-Dichloroethene	4.310	96	129289	44.811 ug/L	96
29) 2,2-Dichloropropane	4.407	77	184173	48.338 ug/L	91
30) Bromochloromethane	4.497	128	57179	44.376 ug/L	97
32) Chloroform	4.564	83	214639	37.908 ug/L	96

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148015-3,31,5,5
Misc : WG2148015,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	4.695	117	174278	47.510	ug/L		100
37) 1,1,1-Trichloroethane	4.756	97	196779	50.268	ug/L		98
39) 2-Butanone	4.848	43	30178	38.399	ug/L	#	66
40) 1,1-Dichloropropene	4.876	75	159213	52.239	ug/L		99
41) Benzene	5.110	78	455294	47.197	ug/L		96
44) 1,2-Dichloroethane	5.305	62	153592	43.649	ug/L		98
48) Trichloroethene	5.690	95	129000	48.717	ug/L		99
50) Dibromomethane	6.120	93	66818	42.469	ug/L		97
51) 1,2-Dichloropropane	6.217	63	118374	44.577	ug/L		99
54) Bromodichloromethane	6.293	83	166021	44.528	ug/L		99
57) 1,4-Dioxane	6.510	88	33634M1	2184.161	ug/L		
58) cis-1,3-Dichloropropene	6.970	75	186679	45.510	ug/L		93
61) Toluene	7.232	92	292568	44.463	ug/L		99
62) 4-Methyl-2-pentanone	7.667	58	29446	42.032	ug/L		87
63) Tetrachloroethene	7.676	166	141508	49.995	ug/L		98
65) trans-1,3-Dichloropropene	7.712	75	161946	43.695	ug/L		98
68) 1,1,2-Trichloroethane	7.888	83	79391	42.009	ug/L		99
69) Chlorodibromomethane	8.094	129	120386	44.343	ug/L		98
70) 1,3-Dichloropropane	8.206	76	159425	42.726	ug/L		100
71) 1,2-Dibromoethane	8.362	107	92850	44.262	ug/L		99
72) 2-Hexanone	8.671	43	45976	36.561	ug/L		91
73) Chlorobenzene	9.012	112	335938	44.675	ug/L	#	86
74) Ethylbenzene	9.053	91	581804	44.667	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.098	131	123581	44.978	ug/L		99
76) p/m Xylene	9.243	106	454151	93.252	ug/L		99
77) o Xylene	9.781	106	437291	88.968	ug/L		98
78) Styrene	9.857	104	732510	88.446	ug/L		100
80) Bromoform	9.870	173	78778	42.097	ug/L		100
82) Isopropylbenzene	10.197	105	591085	45.737	ug/L		99
84) Bromobenzene	10.649	156	148596	42.653	ug/L		100
85) n-Propylbenzene	10.710	91	706978	45.954	ug/L		100
87) 1,1,2,2-Tetrachloroethane	10.802	83	118145	41.543	ug/L		99
88) 4-Ethyltoluene	10.844	105	585962	45.769	ug/L		100
89) 2-Chlorotoluene	10.877	91	416062	43.311	ug/L		99
90) 1,3,5-Trimethylbenzene	10.950	105	507552	44.692	ug/L		98
91) 1,2,3-Trichloropropane	10.941	75	90231	40.133	ug/L		97
92) trans-1,4-Dichloro-2-b...	11.008	53	31222	39.296	ug/L	#	81
93) 4-Chlorotoluene	11.072	91	422710	43.297	ug/L		98
94) tert-Butylbenzene	11.301	119	433885	45.630	ug/L		99

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148015-3,31,5,5
Misc : WG2148015,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.385	105	498910	44.199	ug/L	99
98) sec-Butylbenzene	11.499	105	659686	46.376	ug/L	100
99) p-Isopropyltoluene	11.664	119	571928	46.424	ug/L	99
100) 1,3-Dichlorobenzene	11.722	146	293868	44.617	ug/L	99
101) 1,4-Dichlorobenzene	11.817	146	293868	43.547	ug/L	98
102) p-Diethylbenzene	12.048	119	338939	46.468	ug/L	100
103) n-Butylbenzene	12.107	91	539276	48.798	ug/L	99
104) 1,2-Dichlorobenzene	12.249	146	270004	43.732	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.860	119	529605	44.592	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.047	155	17245	39.632	ug/L	96
108) Hexachlorobutadiene	13.669	225	121042	47.922	ug/L	100
109) 1,2,4-Trichlorobenzene	13.685	180	205720	46.236	ug/L	99
110) Naphthalene	13.978	128	357056	41.874	ug/L	100
111) 1,2,3-Trichlorobenzene	14.148	180	173164	45.453	ug/L	98

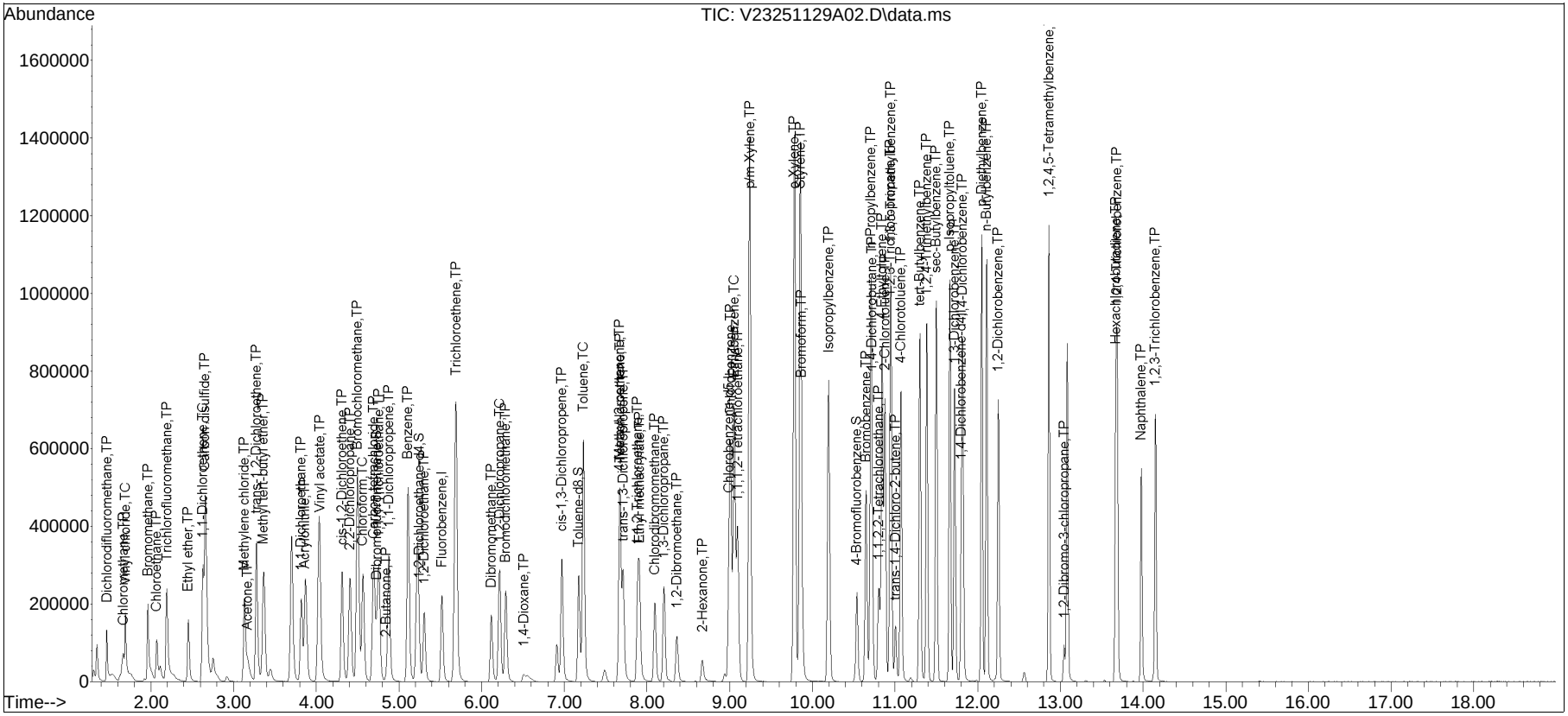
(#) = qualifier out of range (m) = manual integration (+) = signals summed

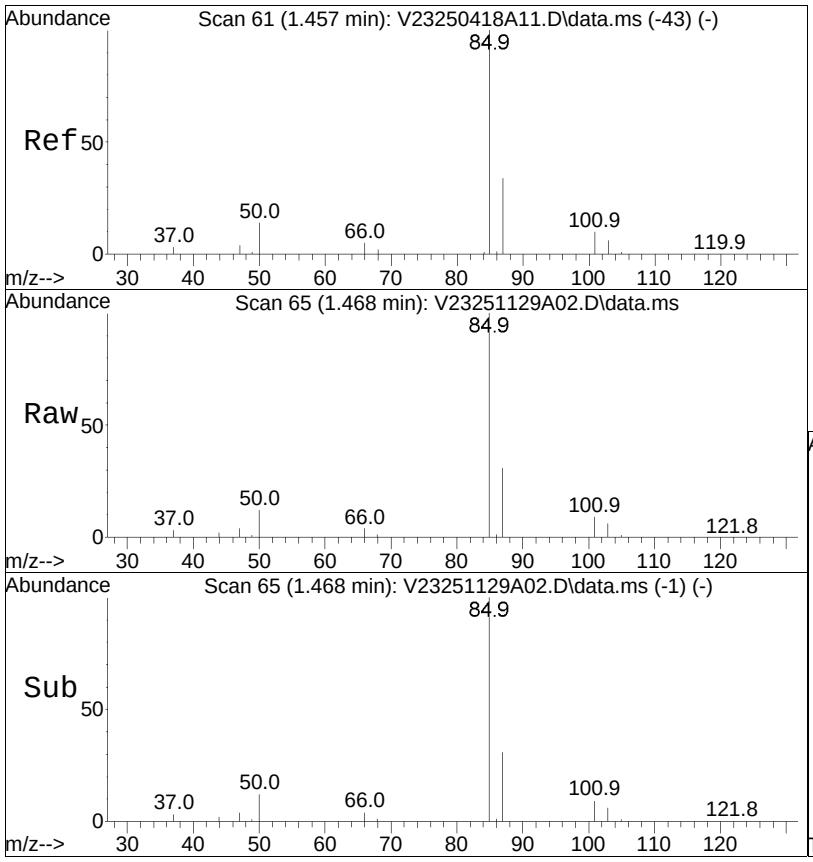
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Acq On : 29 Nov 2025 10:17 am
Operator : VOA123:MNF
Sample : WG2148015-3,31,5,5
Misc : WG2148015,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 10:42:55 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251129A02.D•

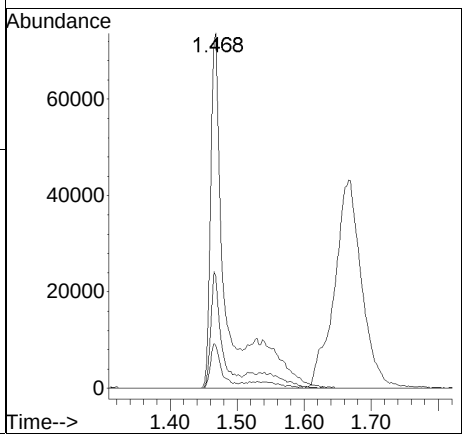


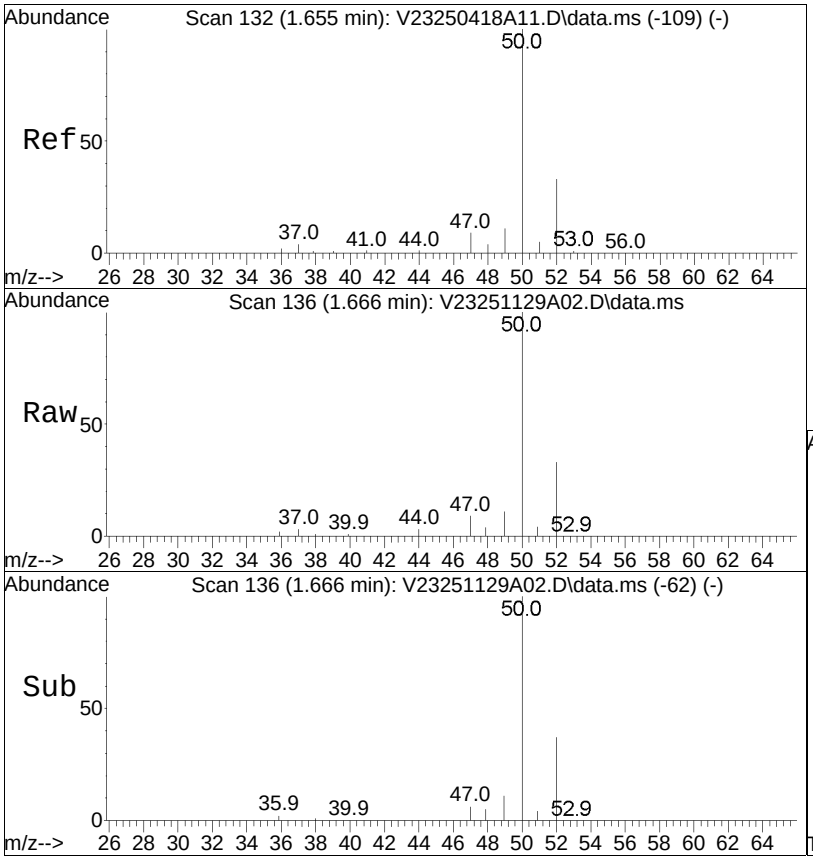


#2
Dichlorodifluoromethane
Concen: 54.28 ug/L M1
RT: 1.468 min Scan# 65
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 85 Resp: 123719

Ion	Ratio	Lower	Upper
85	100		
87	22.0	21.1	43.7
50	8.8	7.3	15.3

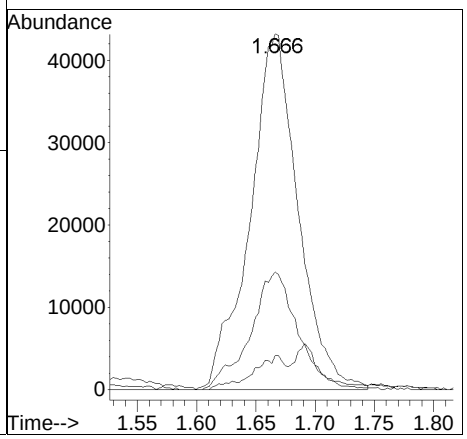


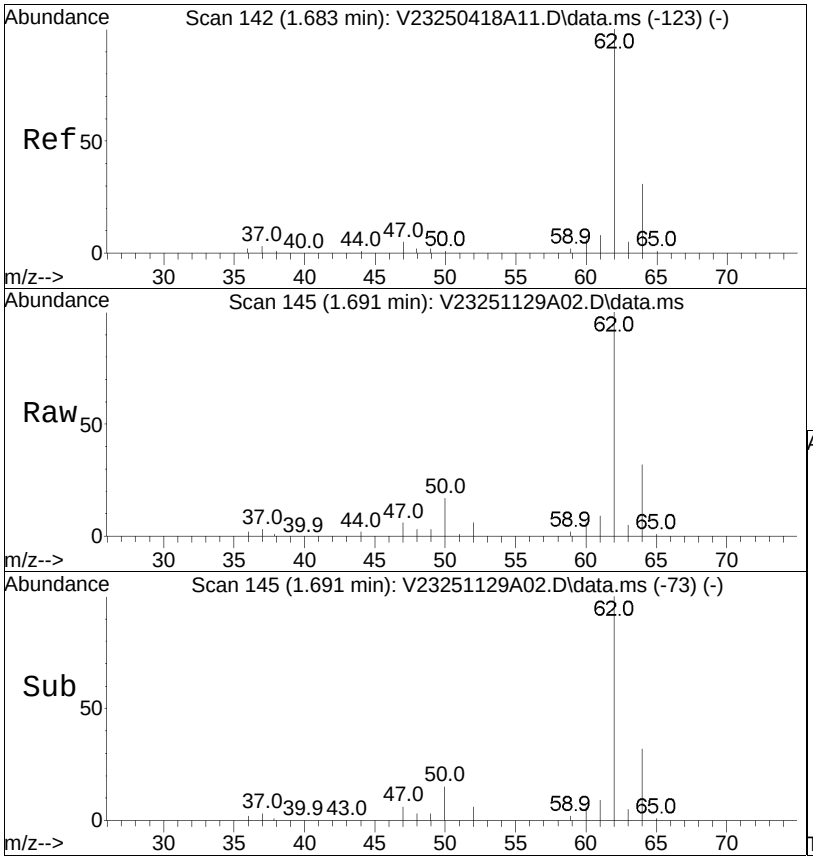


#3
Chloromethane
Concen: 49.31 ug/L
RT: 1.666 min Scan# 136
Delta R.T. 0.005 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 50 Resp: 122248

Ion	Ratio	Lower	Upper
50	100		
52	32.6	12.7	52.7
47	6.5	0.0	28.1

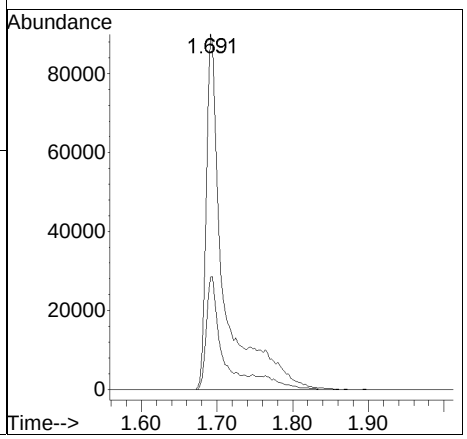


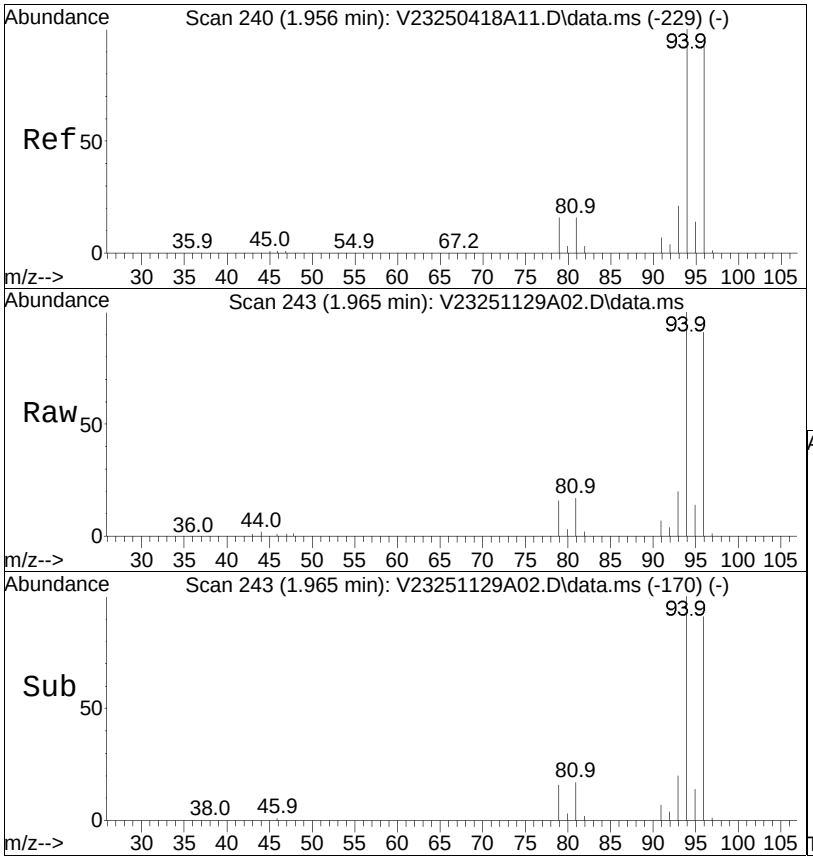


#4
Vinyl chloride
Concen: 54.77 ug/L M1
RT: 1.691 min Scan# 145
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 62 Resp: 147391

Ion	Ratio	Lower	Upper
62	100		
64	24.9	12.0	52.0

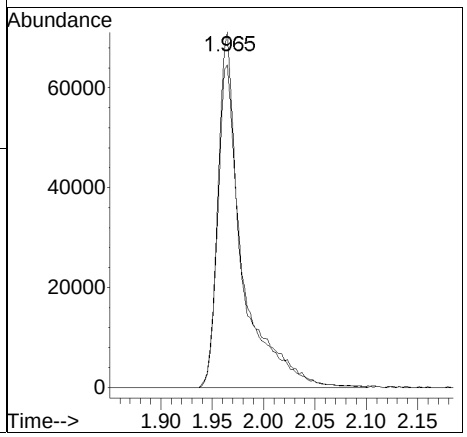


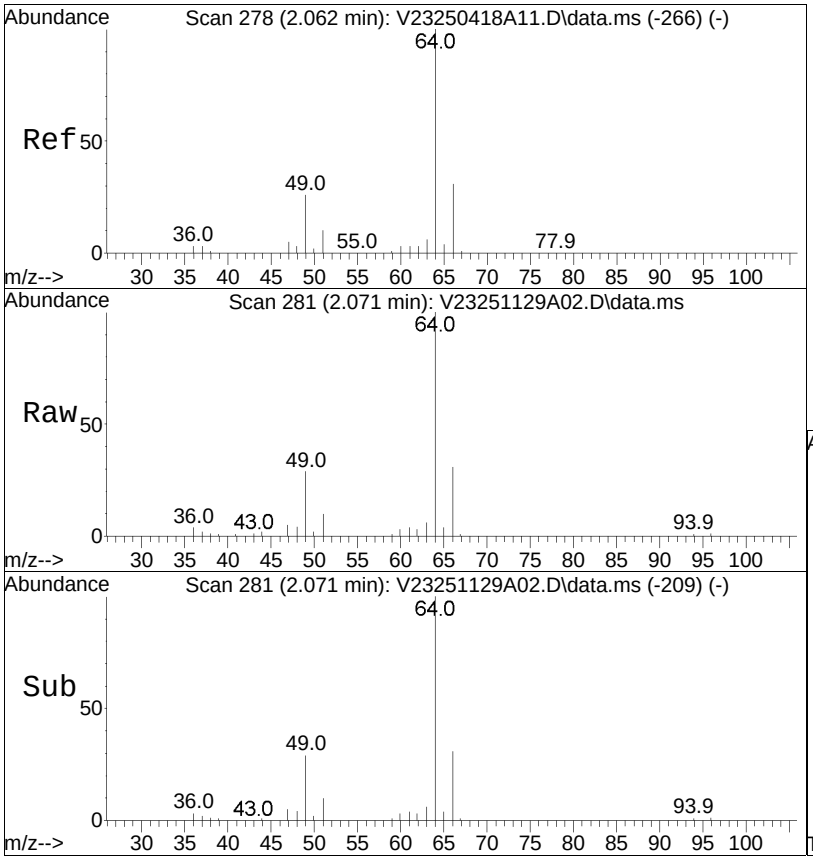


#5
Bromomethane
Concen: 67.79 ug/L
RT: 1.965 min Scan# 243
Delta R.T. 0.002 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 94 Resp: 116685

Ion	Ratio	Lower	Upper
94	100		
96	92.6	74.6	114.6

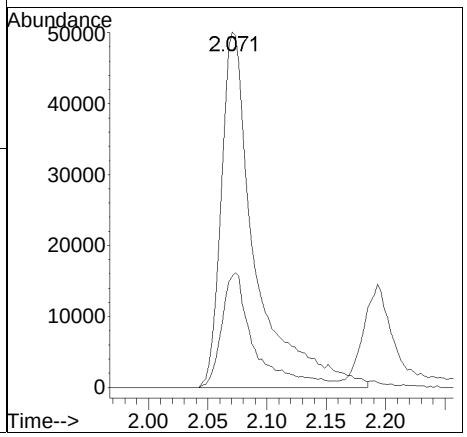


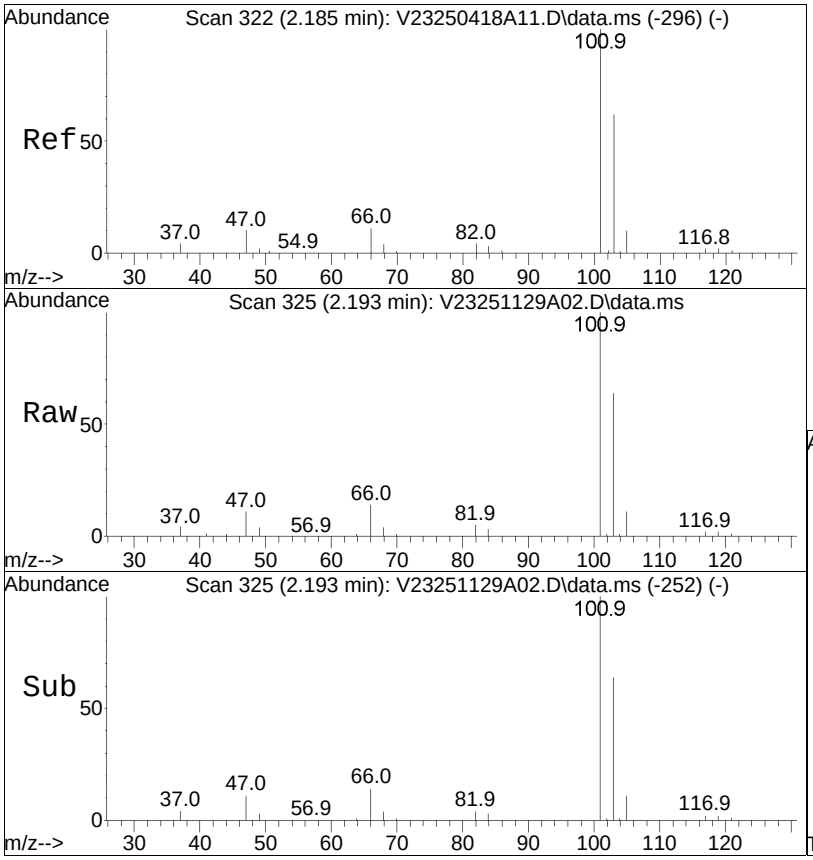


#6
Chloroethane
Concen: 53.71 ug/L
RT: 2.071 min Scan# 281
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 64 Resp: 100165

Ion	Ratio	Lower	Upper
64	100		
66	31.0	12.6	52.6

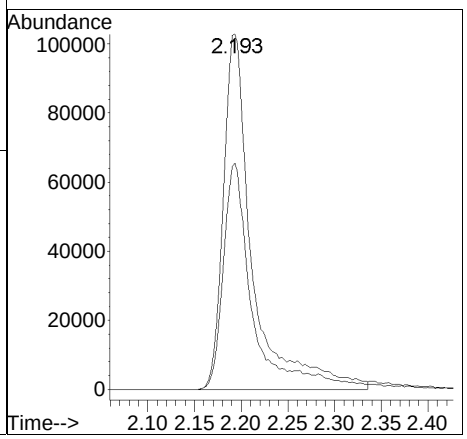


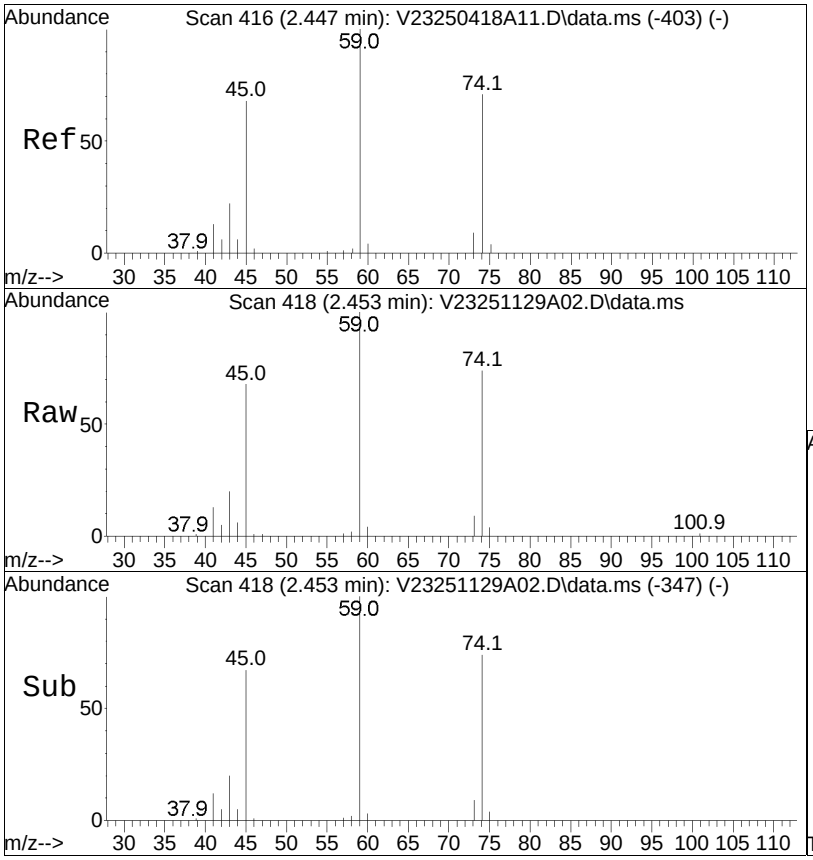


#7
Trichlorofluoromethane
Concen: 54.87 ug/L
RT: 2.193 min Scan# 325
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:101 Resp: 223343

Ion	Ratio	Lower	Upper
101	100		
103	57.4	51.4	77.2

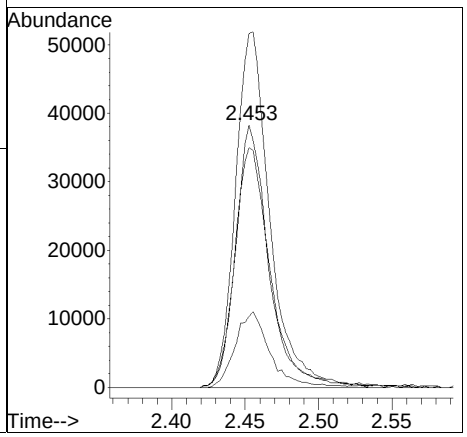


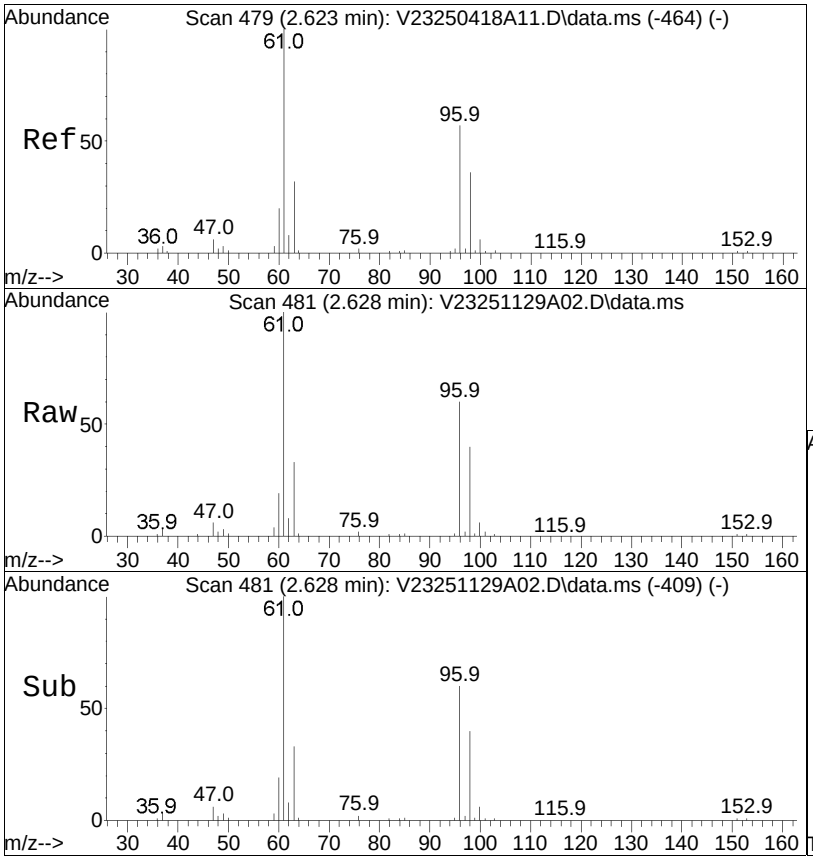


#8
Ethyl ether
Concen: 44.85 ug/L
RT: 2.453 min Scan# 418
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 74 Resp: 61046

Ion	Ratio	Lower	Upper
74	100		
59	138.9	84.3	175.1
45	95.5	55.4	115.2
43	29.9	15.9	32.9

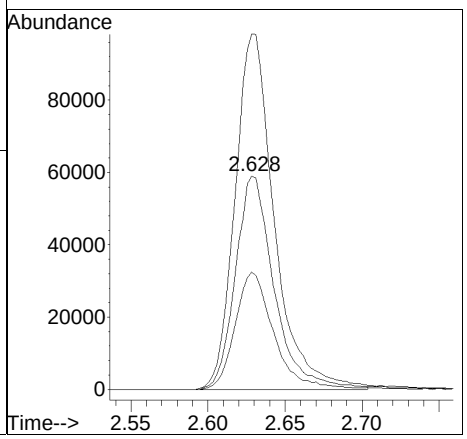


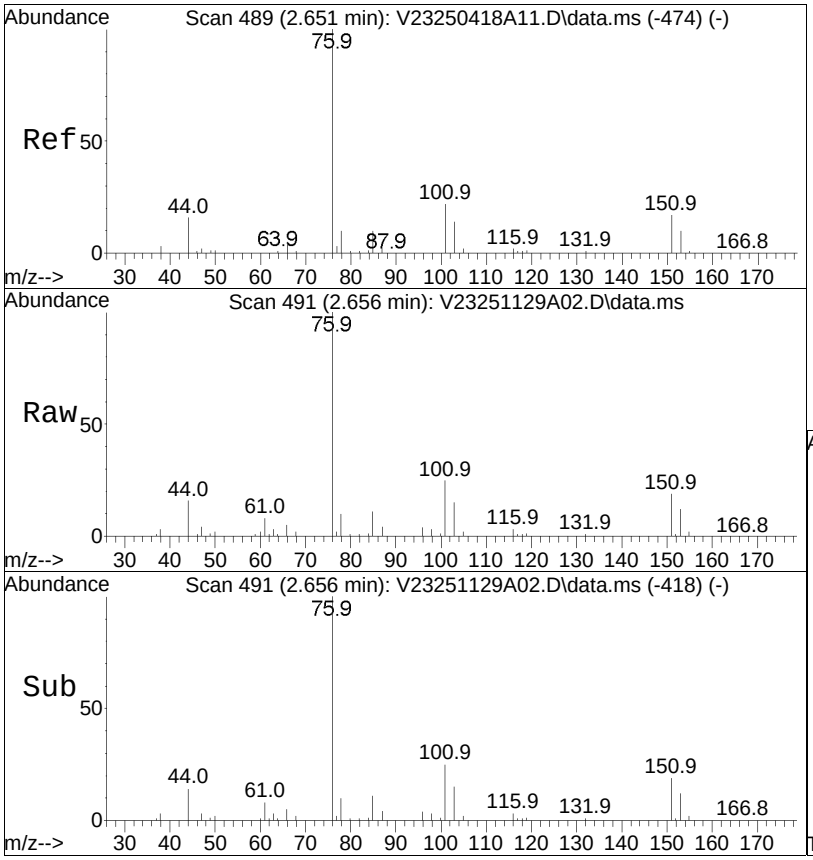


#10
1,1-Dichloroethene
Concen: 47.98 ug/L
RT: 2.628 min Scan# 481
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 96 Resp: 103323

Ion	Ratio	Lower	Upper
96	100		
61	170.6	124.5	186.7
63	54.9	40.7	61.1

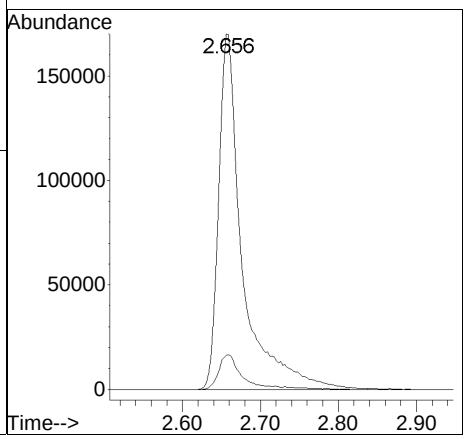


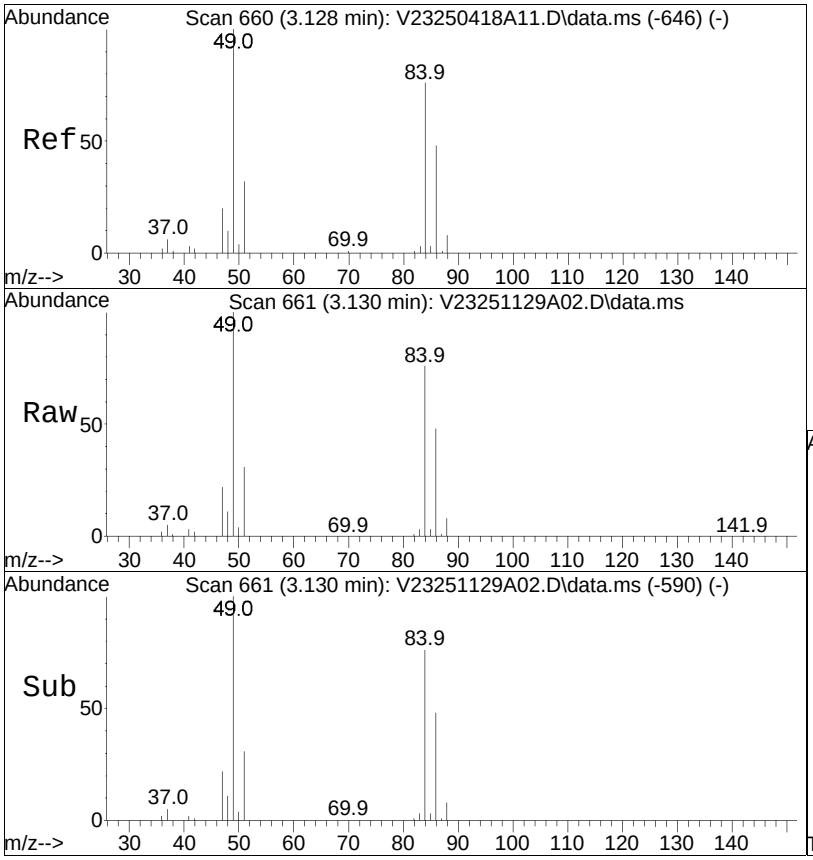


#11
Carbon disulfide
Concen: 45.46 ug/L
RT: 2.656 min Scan# 491
Delta R.T. 0.002 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 76 Resp: 360650

Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.7	13.9

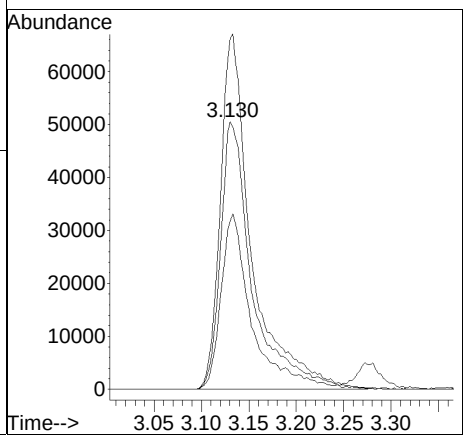


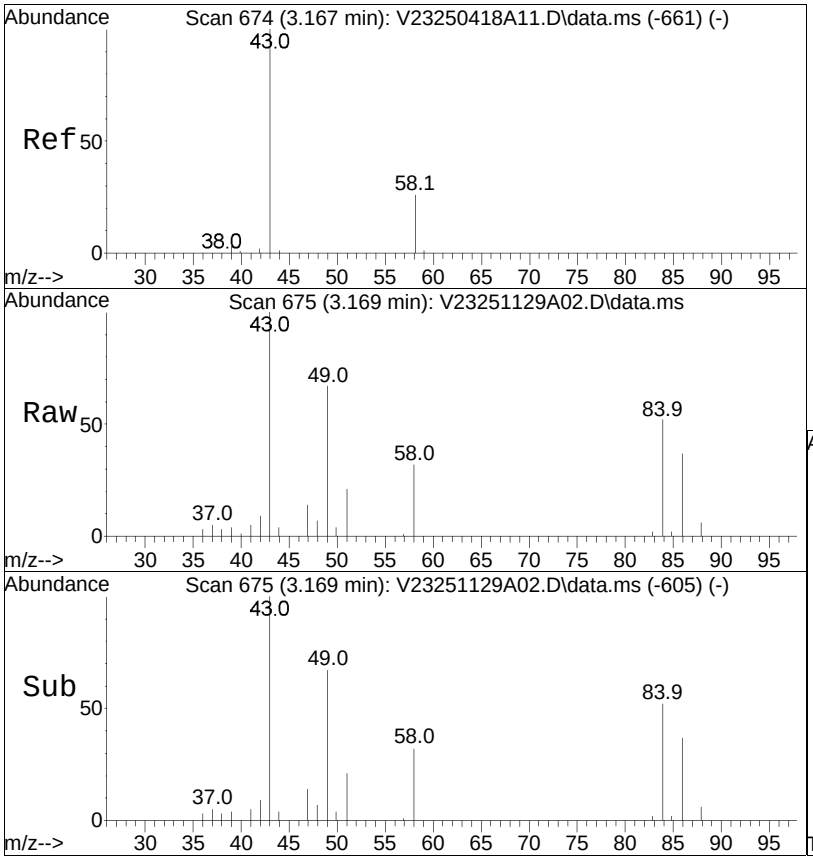


#15
Methylene chloride
Concen: 42.27 ug/L
RT: 3.130 min Scan# 661
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 84 Resp: 118163

Ion	Ratio	Lower	Upper
84	100		
86	63.7	42.0	87.2
49	129.5	74.0	153.6

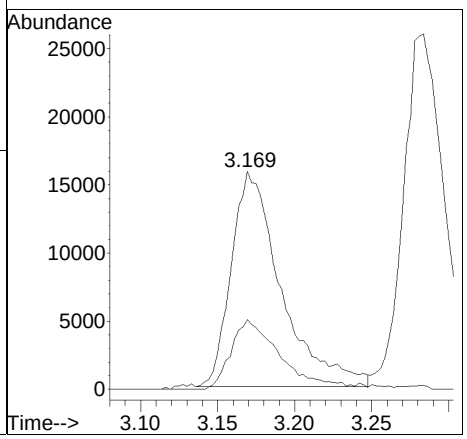


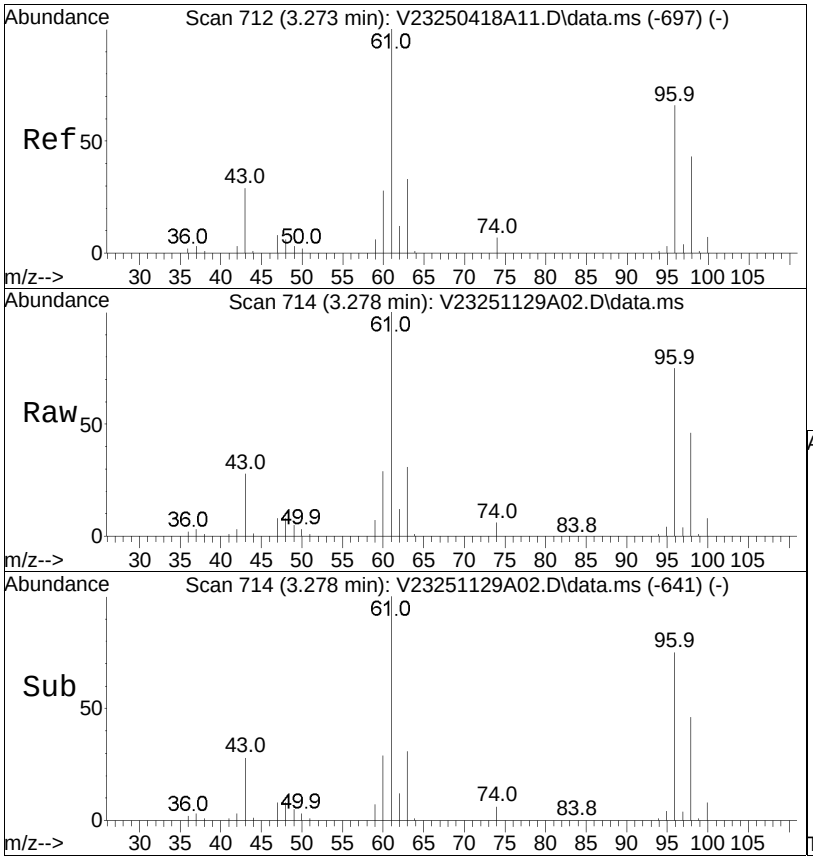


#17
Acetone
Concen: 54.72 ug/L
RT: 3.169 min Scan# 675
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 43 Resp: 35636

Ion	Ratio	Lower	Upper
43	100		
58	31.9	28.2	42.4

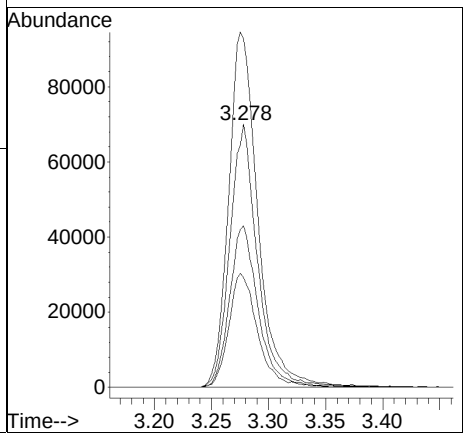


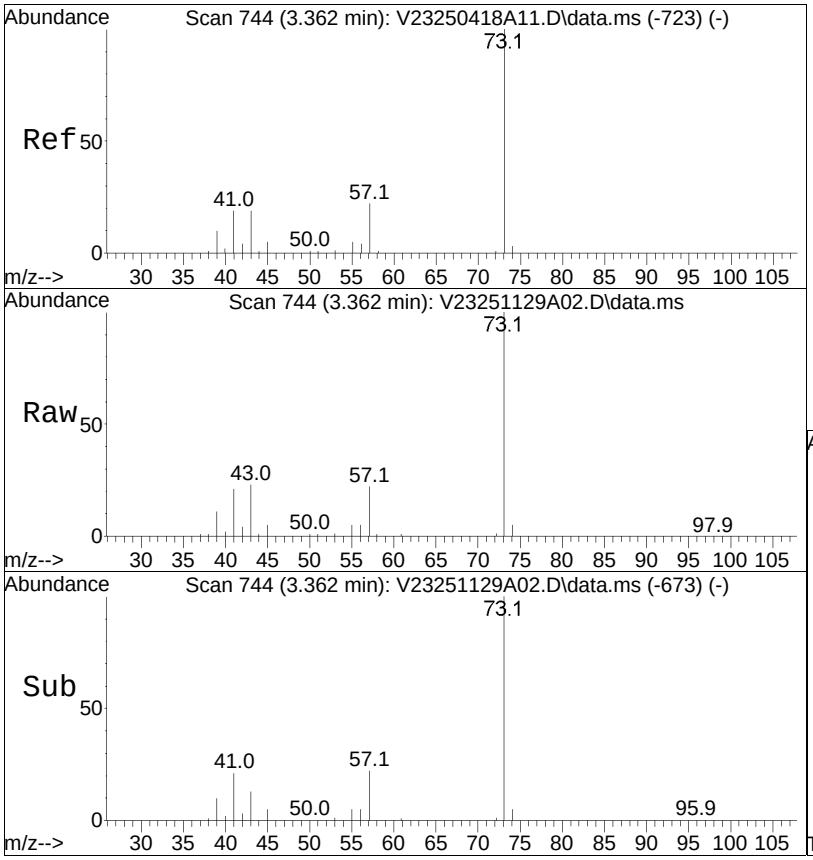


#18
trans-1,2-Dichloroethene
Concen: 47.38 ug/L
RT: 3.278 min Scan# 714
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 96 Resp: 119281

Ion	Ratio	Lower	Upper
96	100		
61	141.3	87.3	181.3
98	63.2	41.1	85.5
63	44.9	28.3	58.7

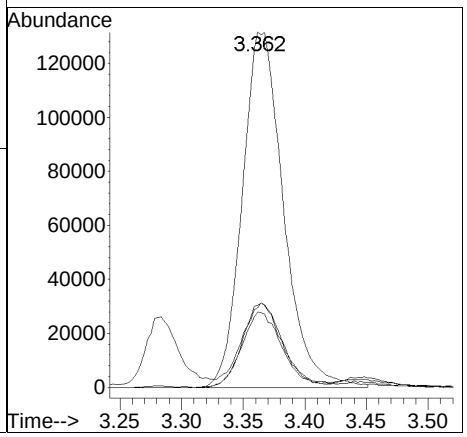


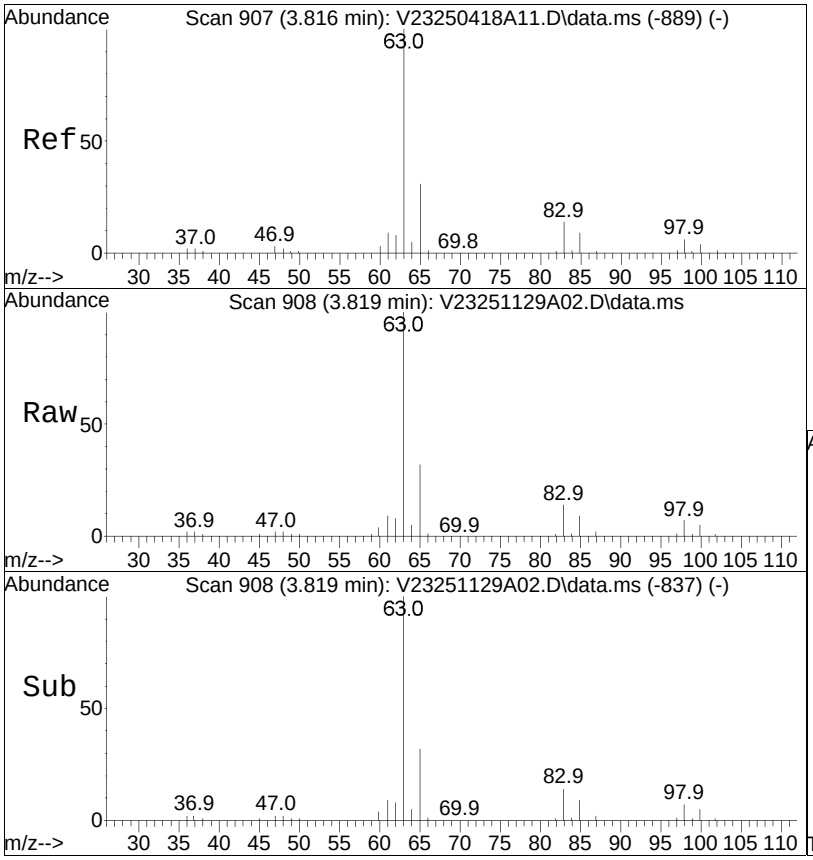


#20
Methyl tert-butyl ether
Concen: 42.64 ug/L
RT: 3.362 min Scan# 744
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 73 Resp: 306072

Ion	Ratio	Lower	Upper
73	100		
57	22.8	14.2	29.4
43	22.8	12.4	25.7
41	20.9	11.6	24.0

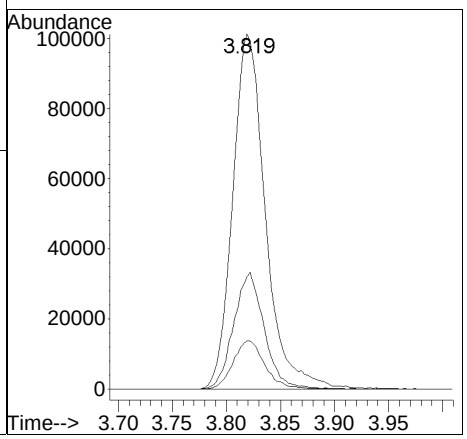


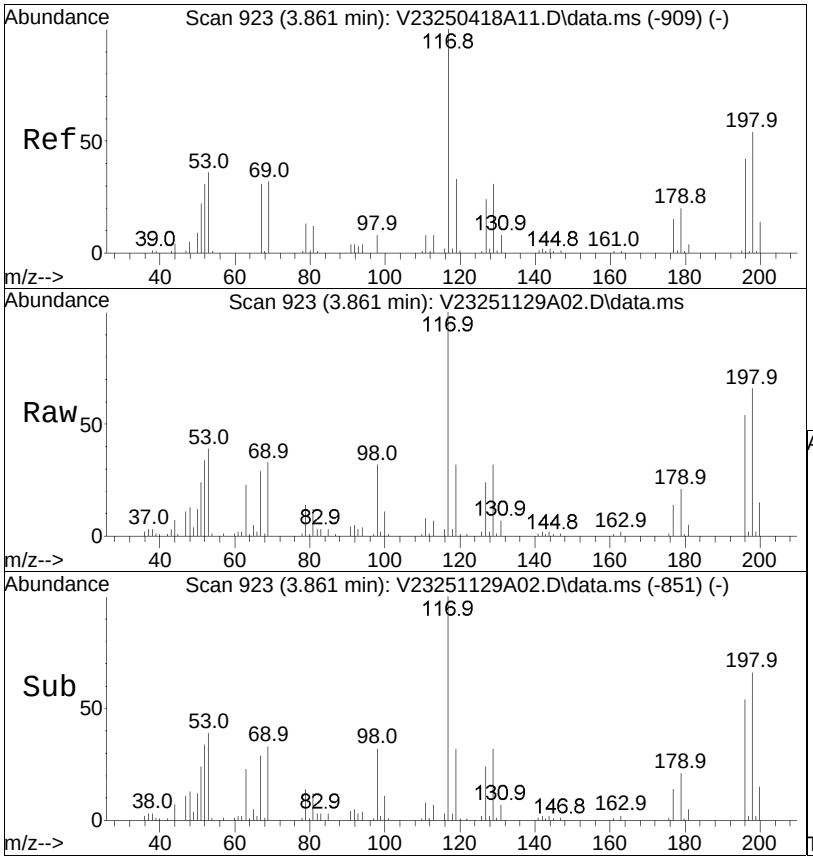


#23
1,1-Dichloroethane
Concen: 46.23 ug/L
RT: 3.819 min Scan# 908
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 63 Resp: 214012

Ion	Ratio	Lower	Upper
63	100		
65	30.8	11.1	51.1
83	13.4	0.0	33.3

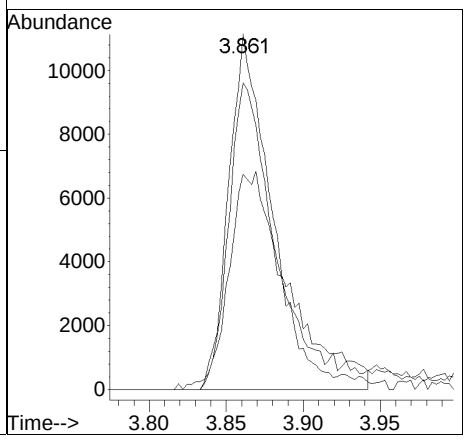


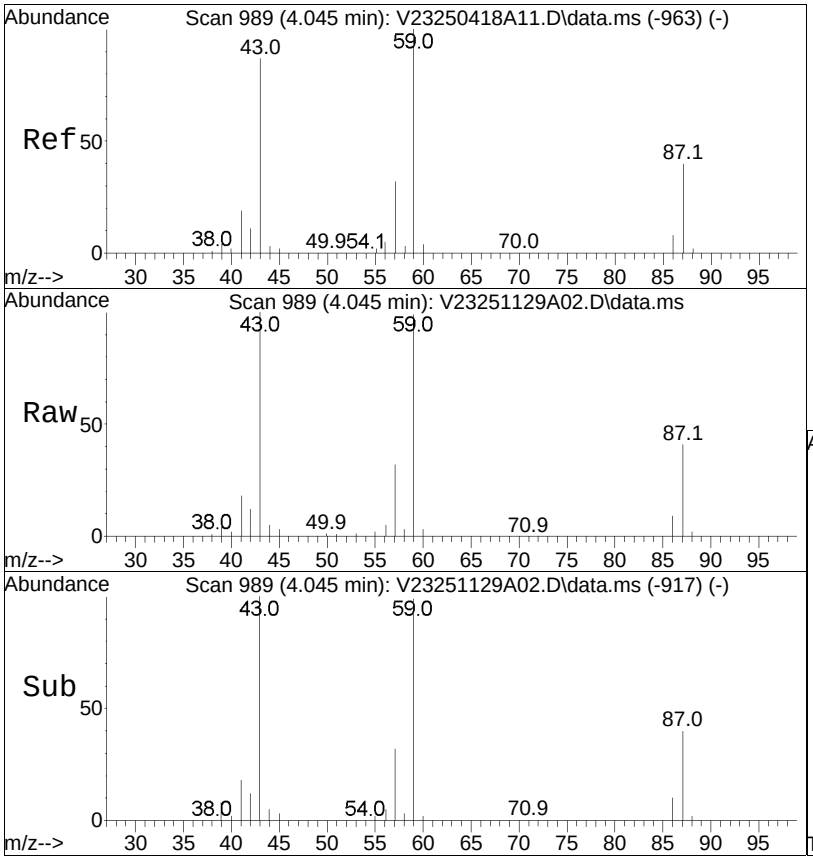


#25
Acrylonitrile
Concen: 43.11 ug/L
RT: 3.861 min Scan# 923
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 53 Resp: 24056

Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.1	100.7
51	65.1	38.5	57.7#

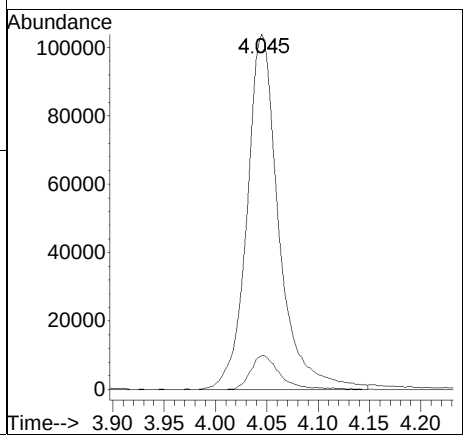


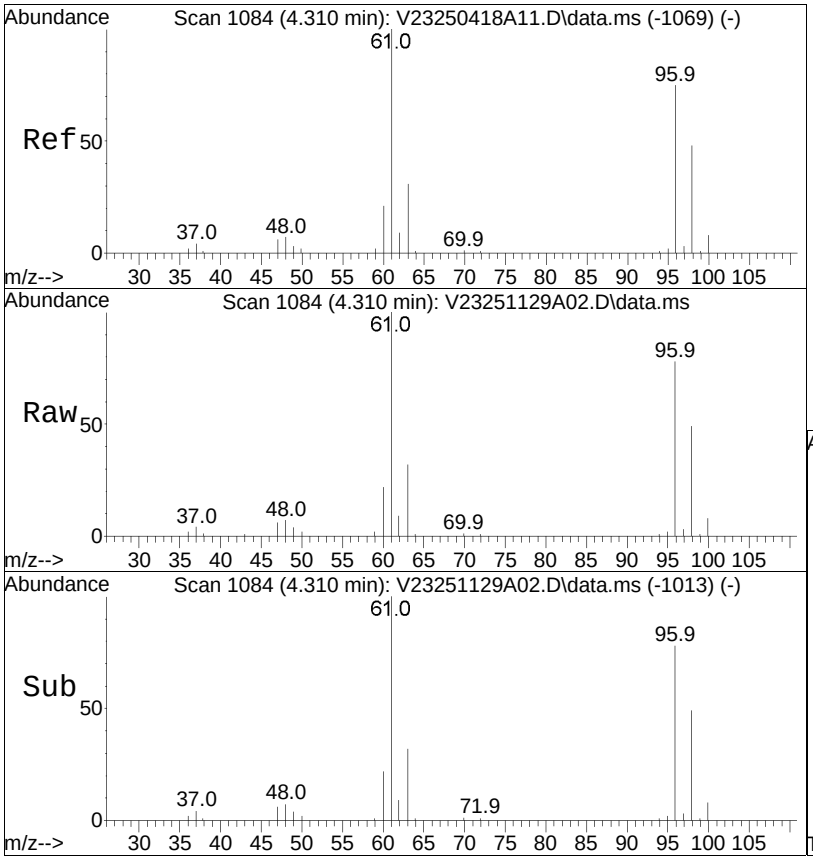


#27
Vinyl acetate
Concen: 42.03 ug/L
RT: 4.045 min Scan# 989
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 43 Resp: 225038

Ion	Ratio	Lower	Upper
43	100		
86	8.6	8.6	12.8

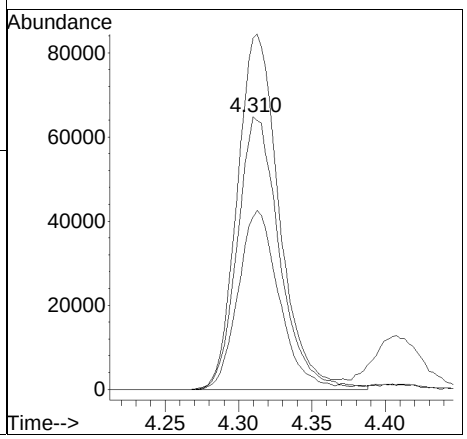


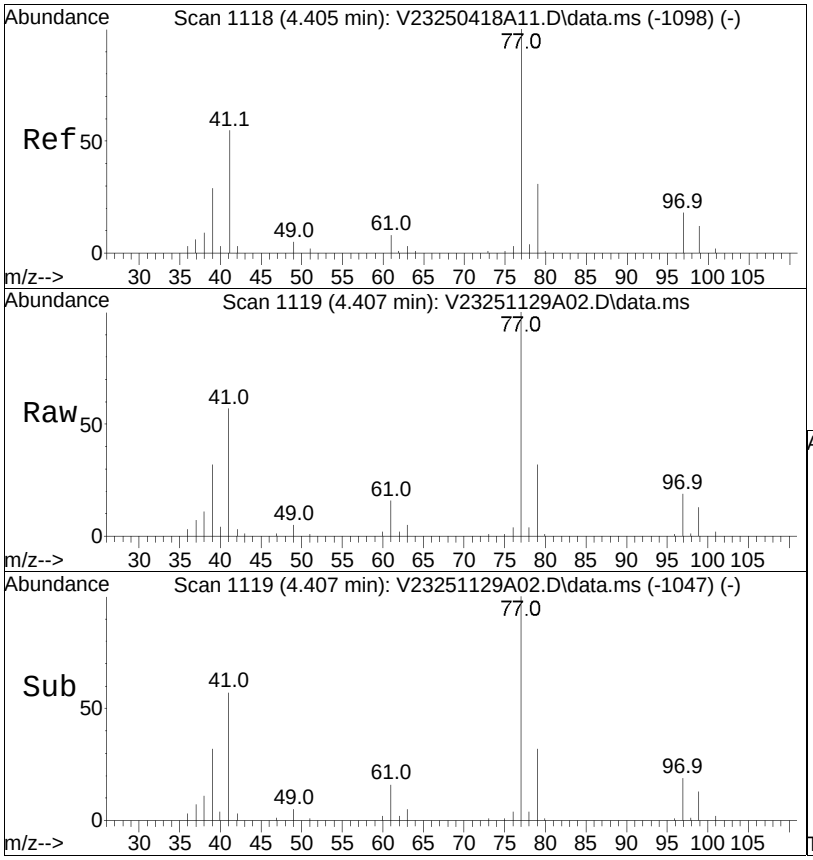


#28
cis-1,2-Dichloroethene
Concen: 44.81 ug/L
RT: 4.310 min Scan# 1084
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 96 Resp: 129289

Ion	Ratio	Lower	Upper
96	100		
61	129.4	98.2	147.2
98	64.4	51.0	76.6

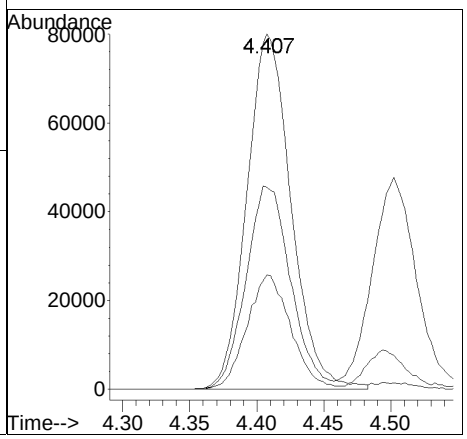


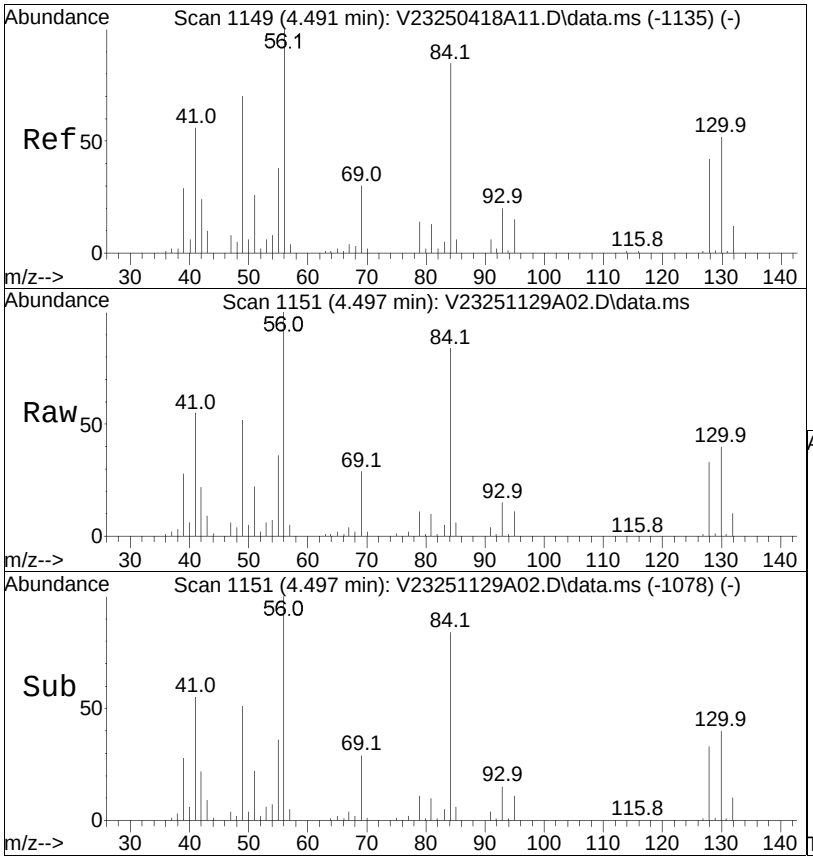


#29
2,2-Dichloropropane
Concen: 48.34 ug/L
RT: 4.407 min Scan# 1119
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 77 Resp: 184173

Ion	Ratio	Lower	Upper
77	100		
41	58.0	31.1	64.7
79	32.0	20.7	43.1

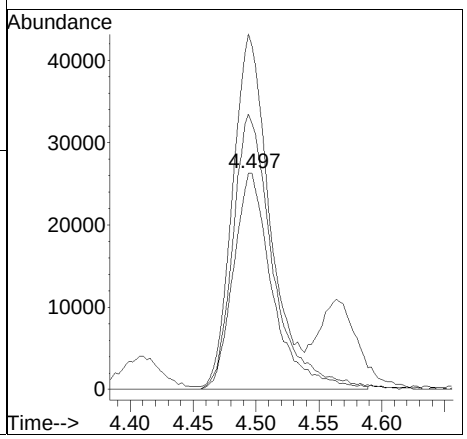


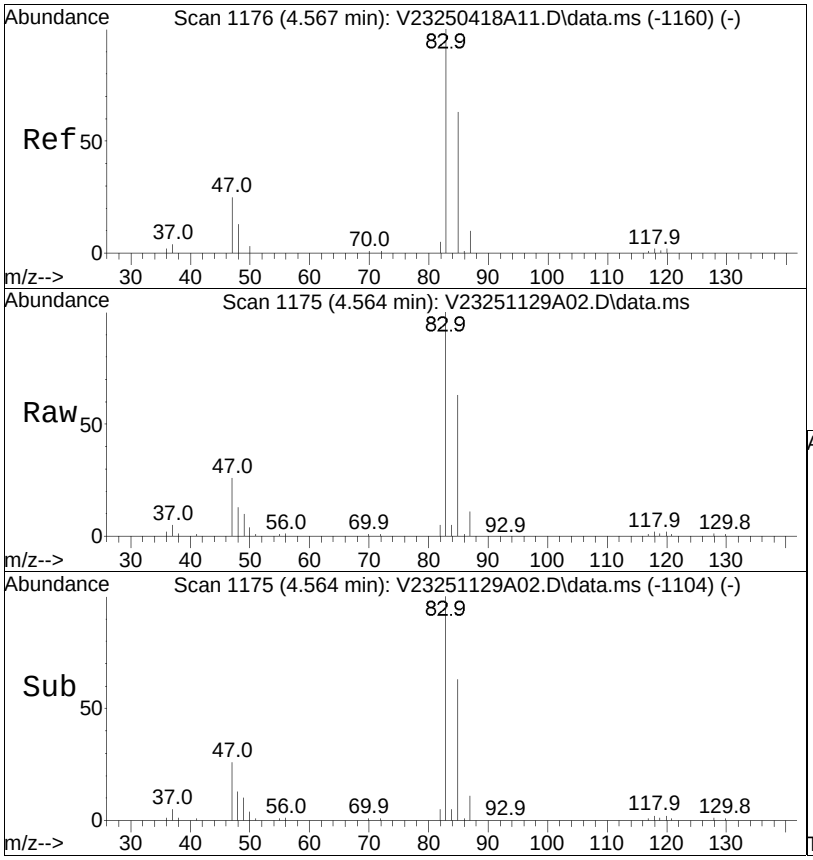


#30
Bromochloromethane
Concen: 44.38 ug/L
RT: 4.497 min Scan# 1151
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:128 Resp: 57179

Ion	Ratio	Lower	Upper
128	100		
49	153.2	117.6	176.4
130	130.1	103.8	155.8

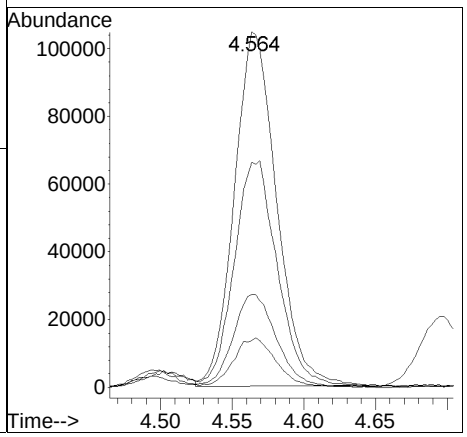


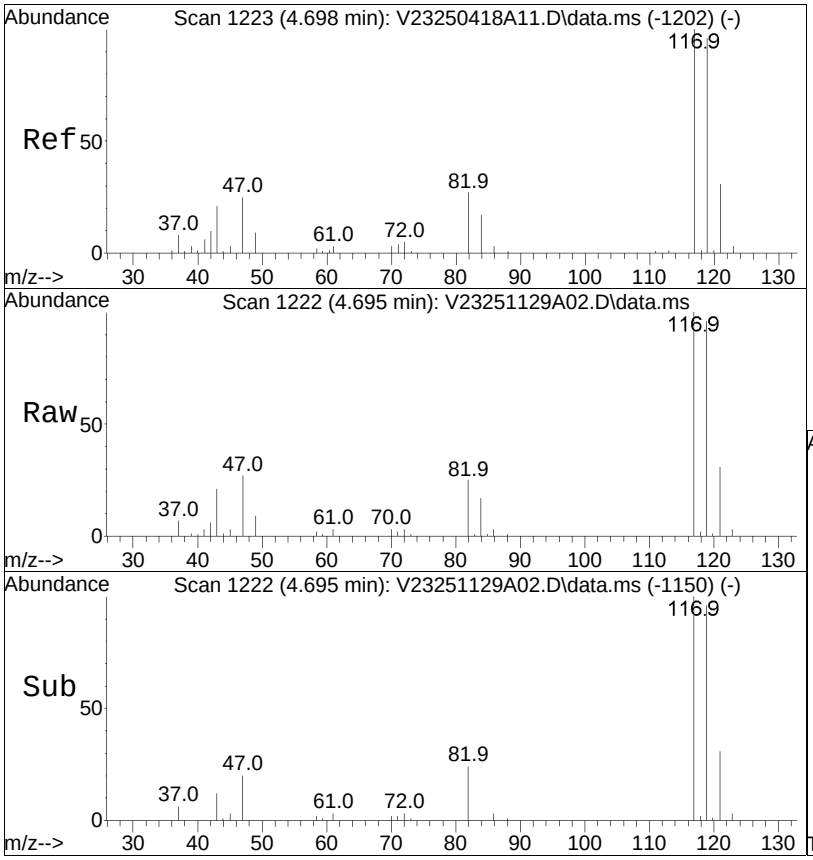


#32
Chloroform
Concen: 37.91 ug/L
RT: 4.564 min Scan# 1175
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 83 Resp: 214639

Ion	Ratio	Lower	Upper
83	100		
85	65.4	42.1	87.3
47	26.7	14.0	29.2
48	13.7	7.2	14.9

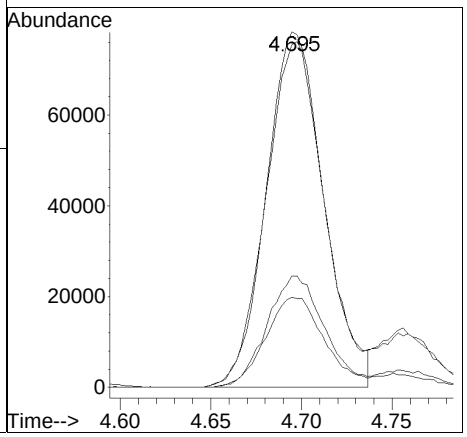


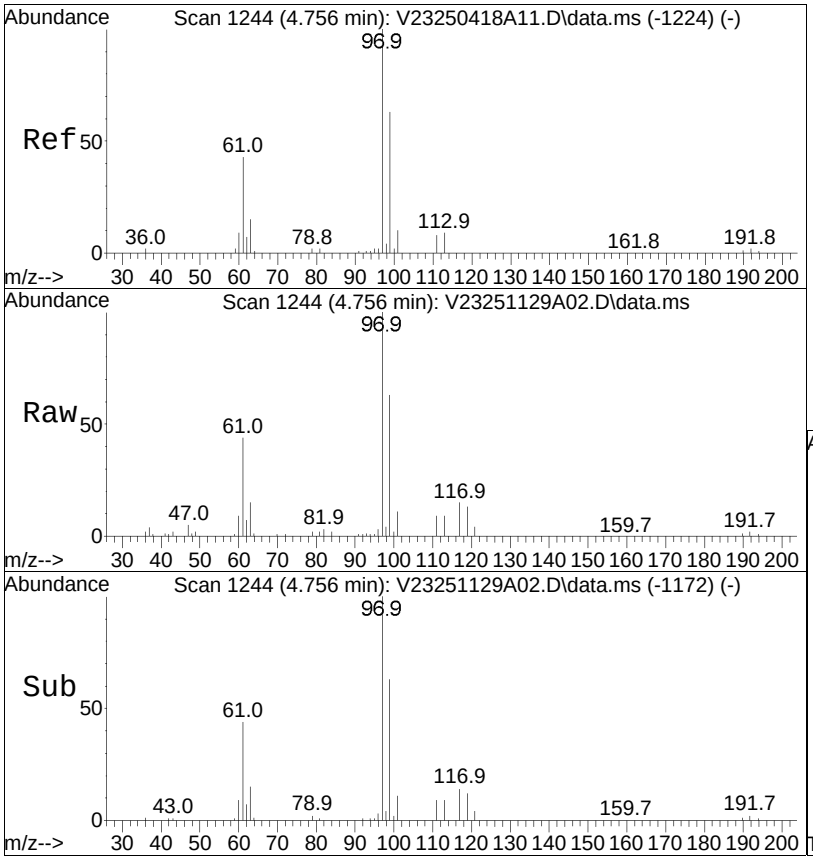


#34
Carbon tetrachloride
Concen: 47.51 ug/L
RT: 4.695 min Scan# 1222
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:117 Resp: 174278

Ion	Ratio	Lower	Upper
117	100		
119	96.5	62.7	130.3
121	31.2	20.3	42.1
82	25.8	16.4	34.2

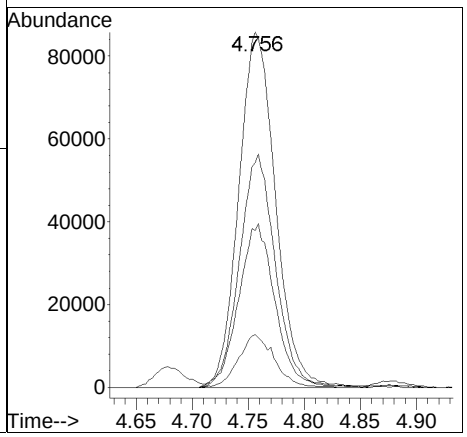


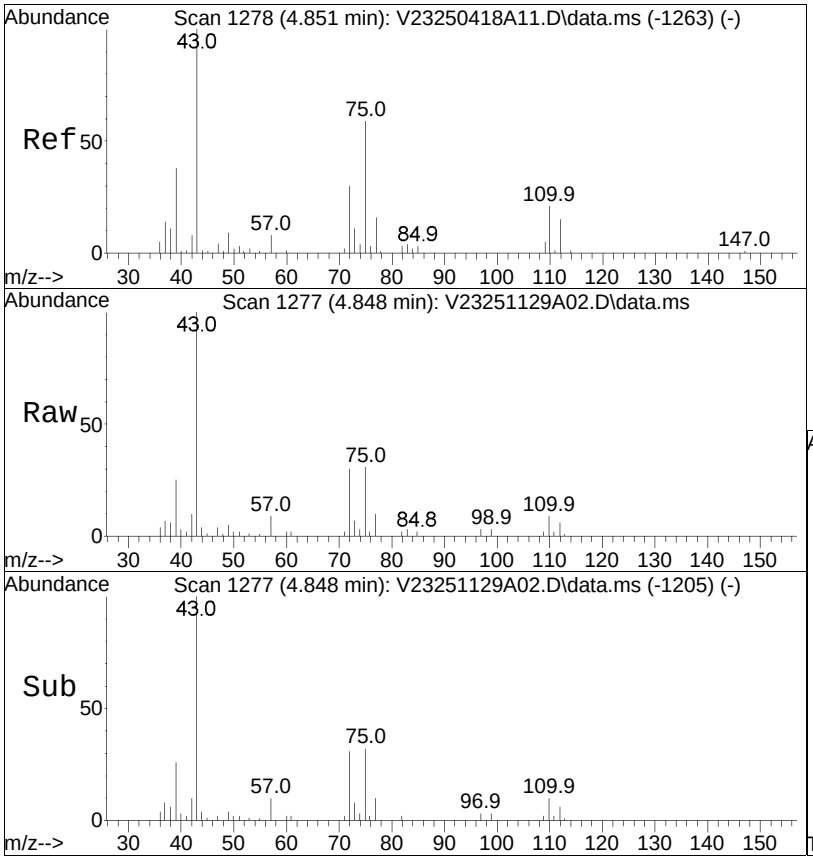


#37
1,1,1-Trichloroethane
Concen: 50.27 ug/L
RT: 4.756 min Scan# 1244
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 97 Resp: 196779

Ion	Ratio	Lower	Upper
97	100		
99	63.9	41.5	86.3
61	45.5	27.4	57.0
63	14.4	9.0	18.6

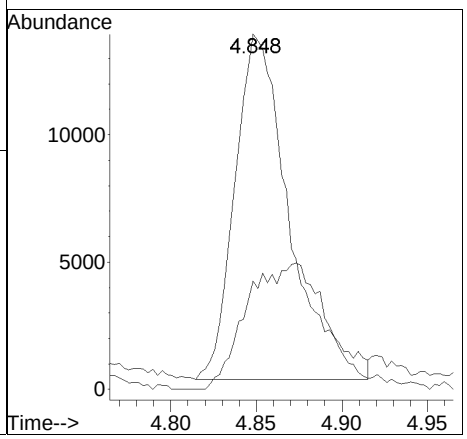


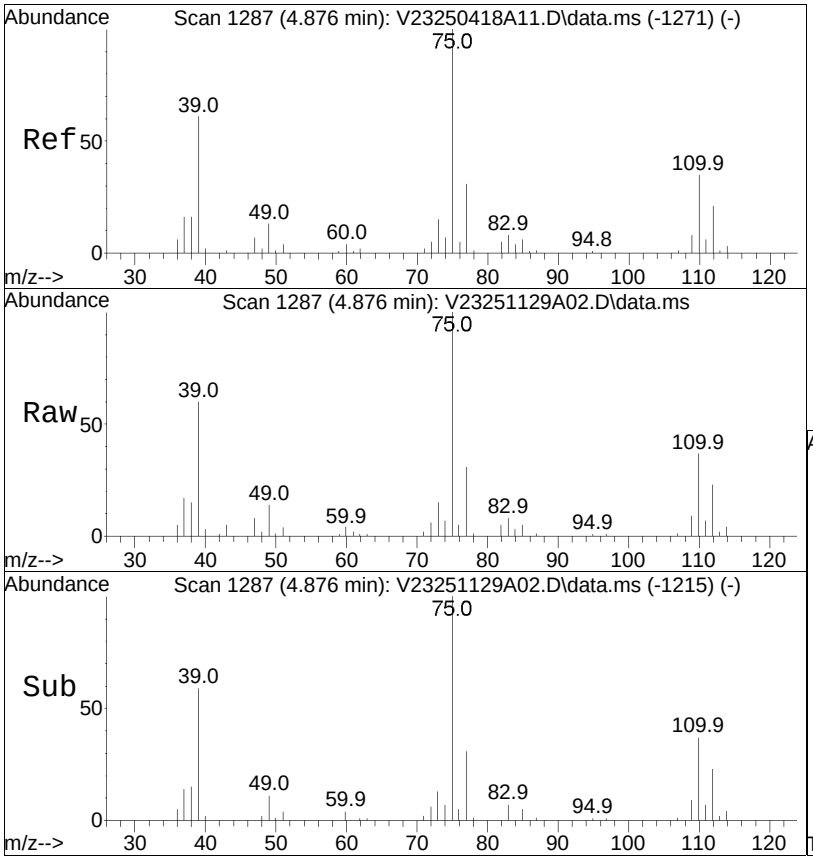


#39
2-Butanone
Concen: 38.40 ug/L
RT: 4.848 min Scan# 1277
Delta R.T. 0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 43 Resp: 30178

Ion	Ratio	Lower	Upper
43	100		
72	17.4	30.4	45.6#

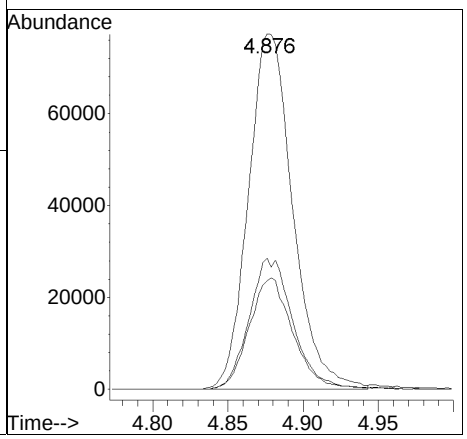


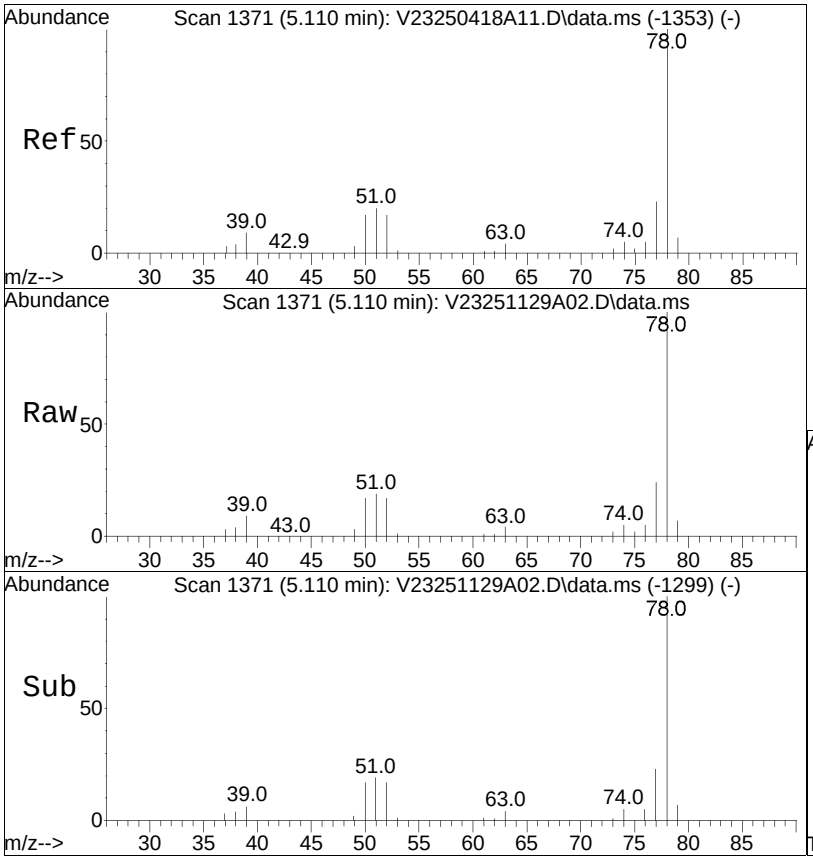


#40
1,1-Dichloropropene
Concen: 52.24 ug/L
RT: 4.876 min Scan# 1287
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 75 Resp: 159213

Ion	Ratio	Lower	Upper
75	100		
110	36.7	23.6	49.0
77	30.9	20.4	42.4

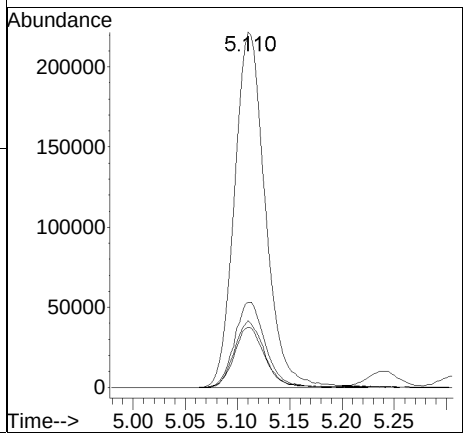


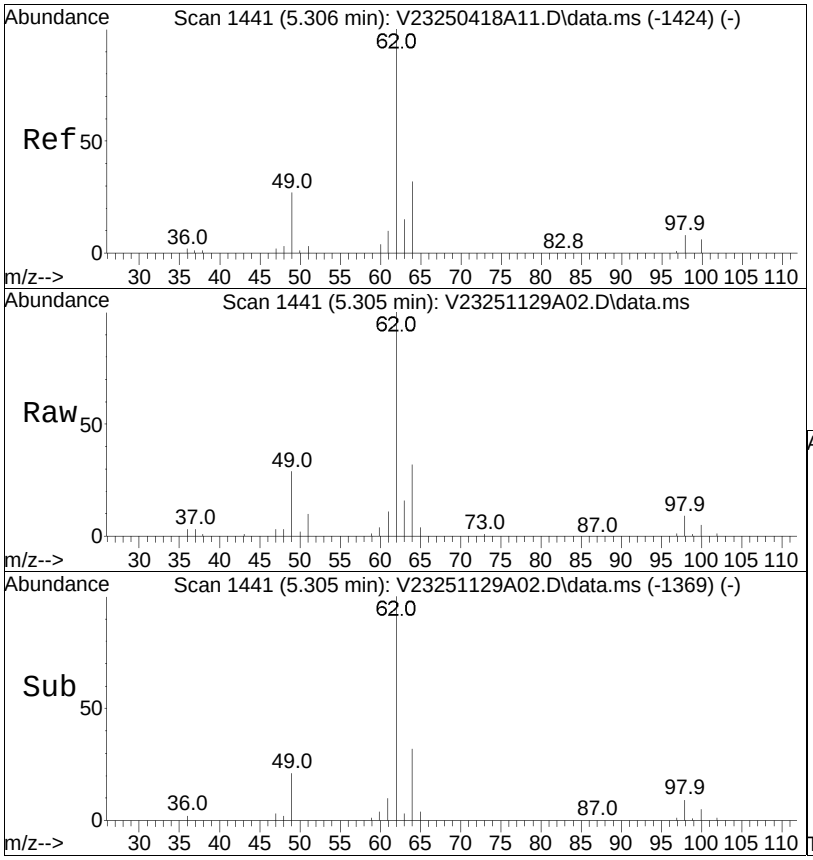


#41
Benzene
Concen: 47.20 ug/L
RT: 5.110 min Scan# 1371
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 78 Resp: 455294

Ion	Ratio	Lower	Upper
78	100		
77	24.0	15.7	32.5
51	18.3	9.9	20.5
52	16.7	9.5	19.7

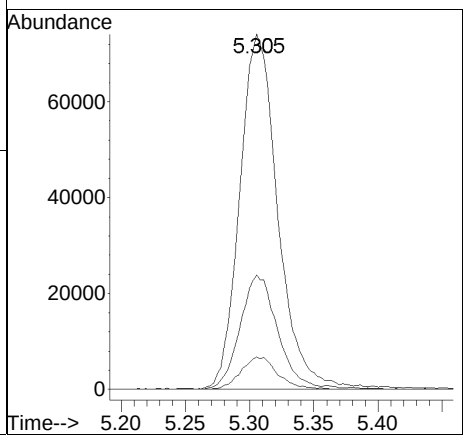


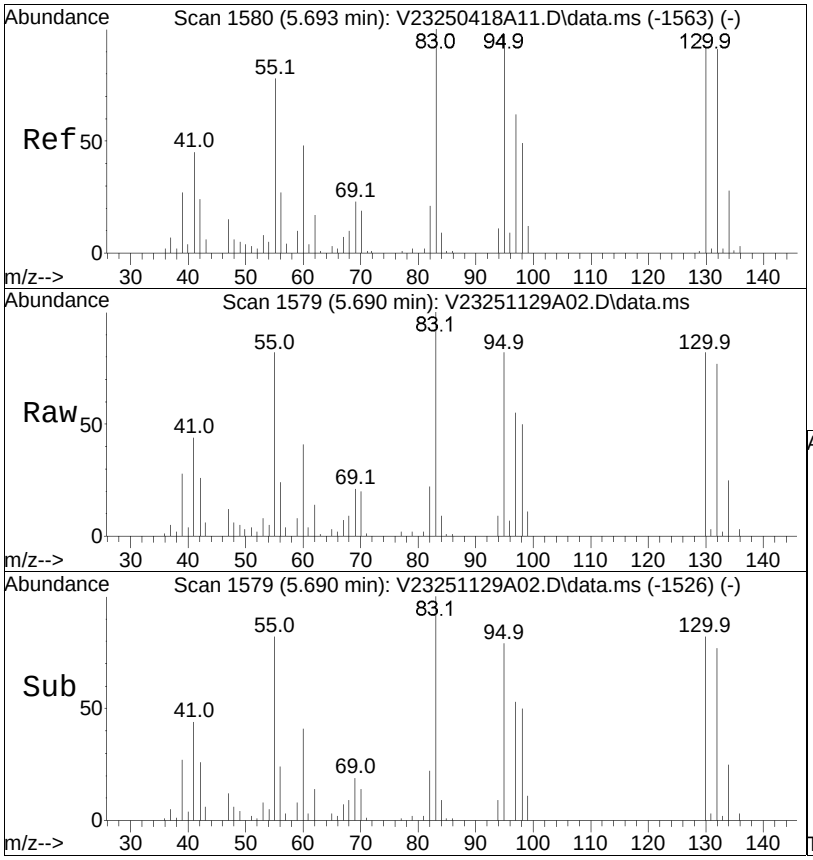


#44
1,2-Dichloroethane
Concen: 43.65 ug/L
RT: 5.305 min Scan# 1441
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 62 Resp: 153592

Ion	Ratio	Lower	Upper
62	100		
64	31.5	12.7	52.7
98	8.8	0.0	29.7

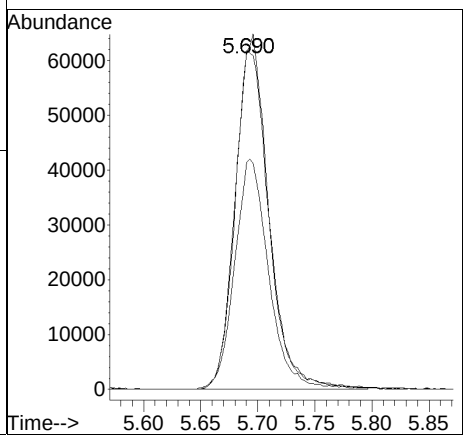


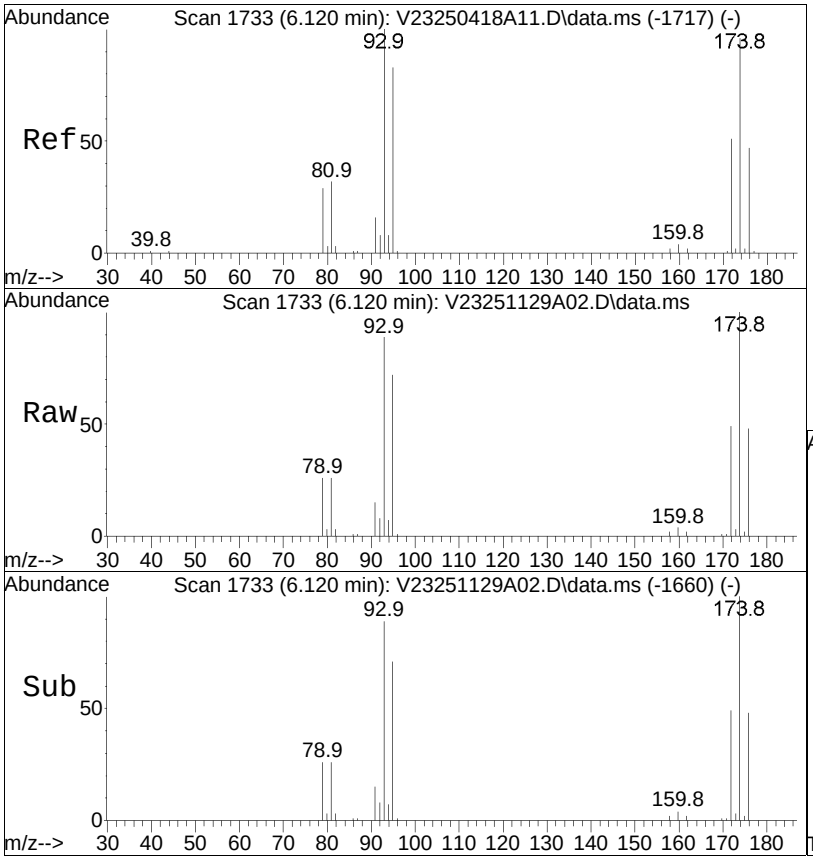


#48
Trichloroethene
Concen: 48.72 ug/L
RT: 5.690 min Scan# 1579
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 95 Resp: 129000

Ion	Ratio	Lower	Upper
95	100		
97	67.2	54.3	81.5
130	101.1	82.2	123.2

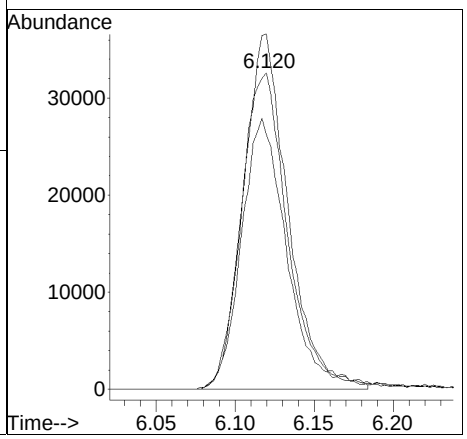


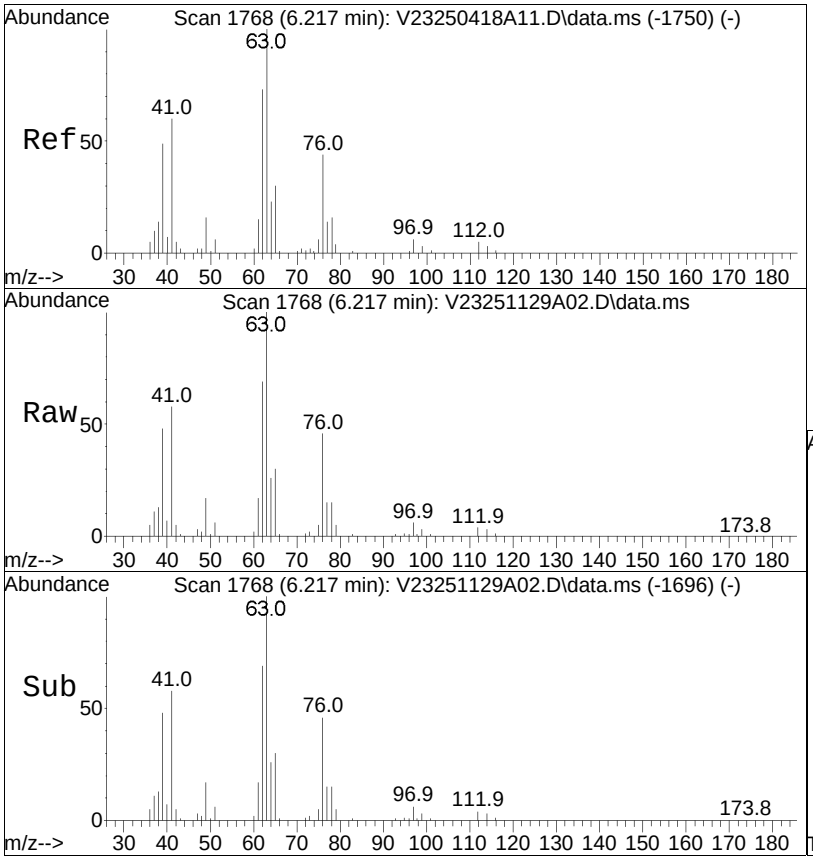


#50
Dibromomethane
Concen: 42.47 ug/L
RT: 6.120 min Scan# 1733
Delta R.T. 0.002 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 93 Resp: 66818

Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.1	99.1
174	109.9	84.2	126.2

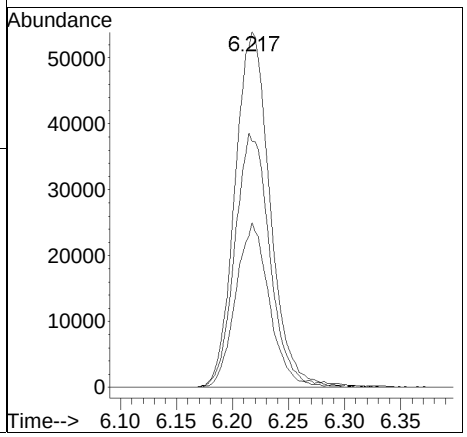


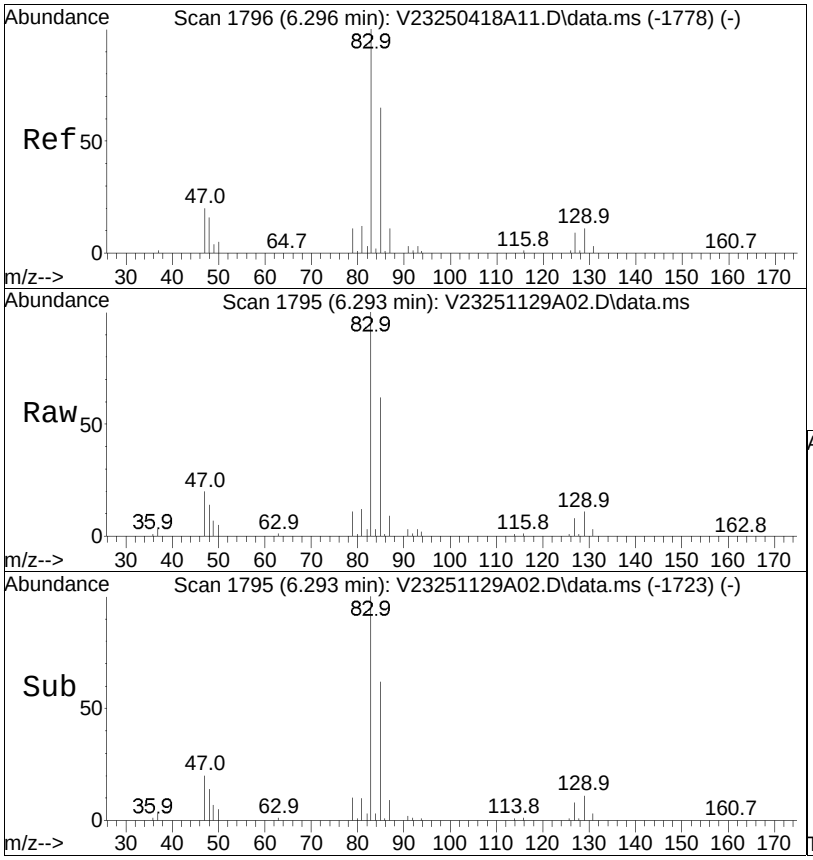


#51
1,2-Dichloropropane
Concen: 44.58 ug/L
RT: 6.217 min Scan# 1768
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 63 Resp: 118374

Ion	Ratio	Lower	Upper
63	100		
62	70.8	56.9	85.3
76	44.2	35.0	52.4

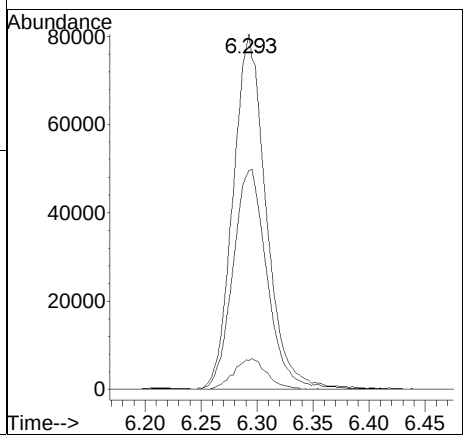


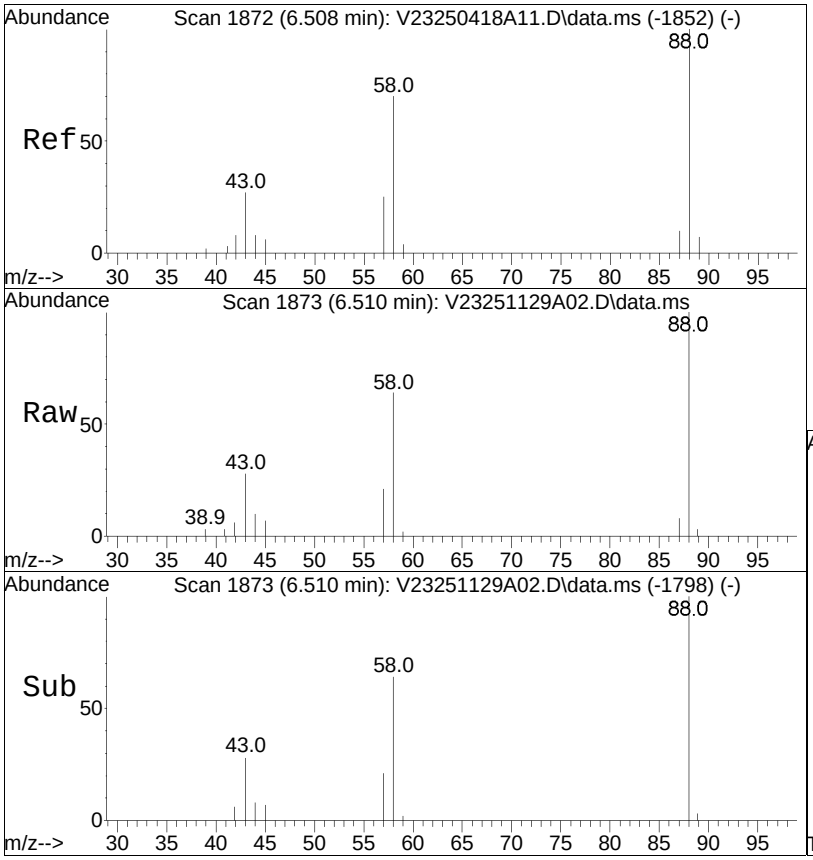


#54
Bromodichloromethane
Concen: 44.53 ug/L
RT: 6.293 min Scan# 1795
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 83 Resp: 166021

Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.3	76.9
127	8.7	6.5	9.7

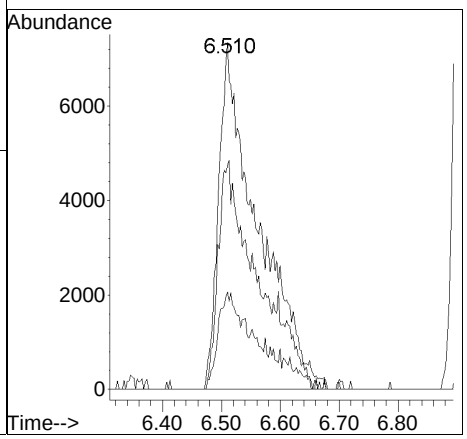


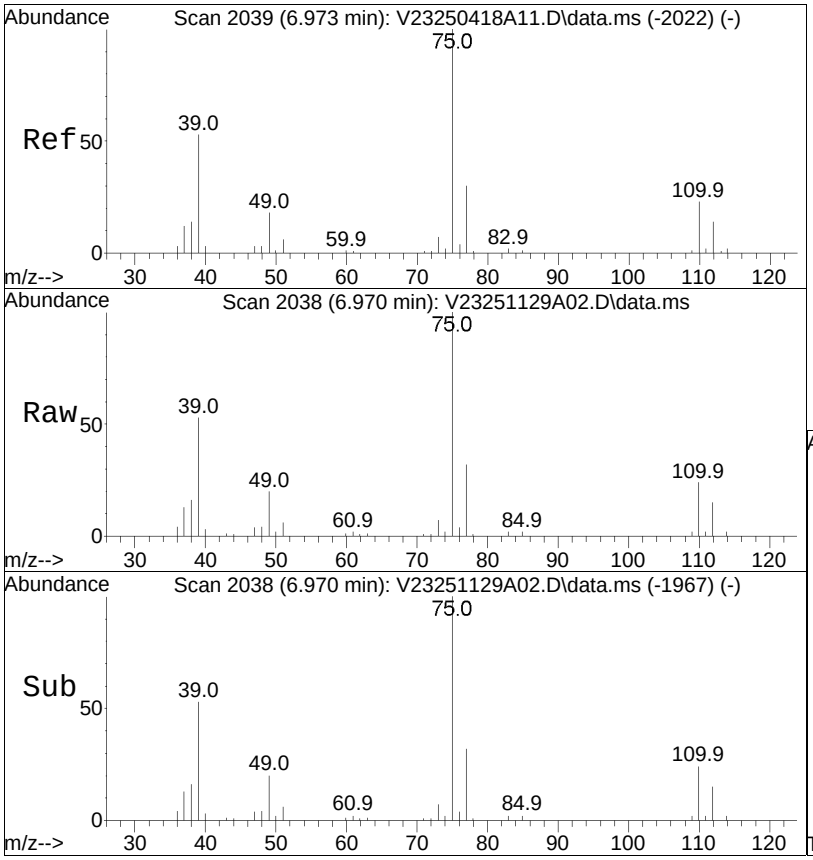


#57
1,4-Dioxane
Concen: 2184.16 ug/L M1
RT: 6.510 min Scan# 1873
Delta R.T. 0.008 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 88 Resp: 33634

Ion	Ratio	Lower	Upper
88	100		
58	40.9	50.2	75.2#
43	14.0	19.1	28.7#

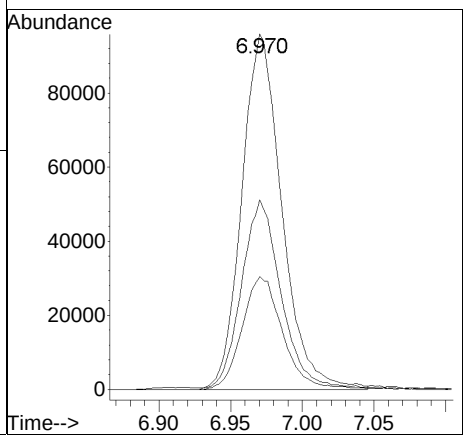


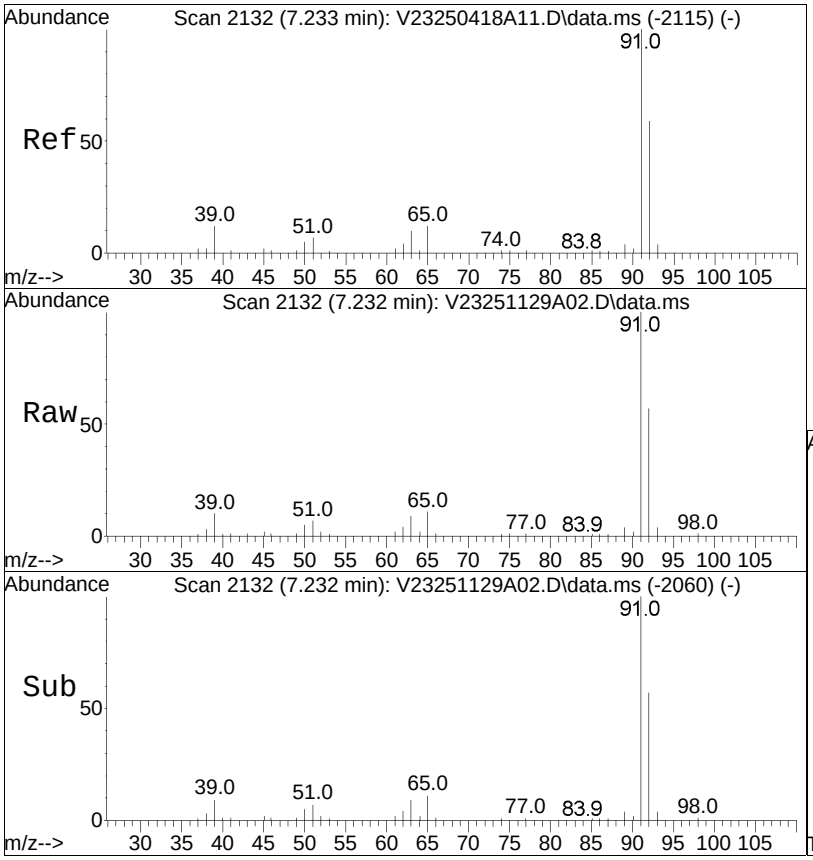


#58
cis-1,3-Dichloropropene
Concen: 45.51 ug/L
RT: 6.970 min Scan# 2038
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 75 Resp: 186679

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.9	38.9
39	51.1	34.5	51.7

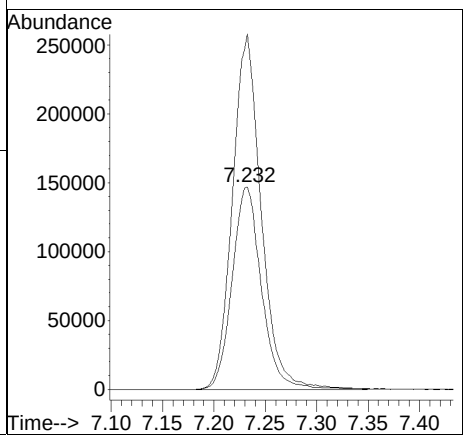


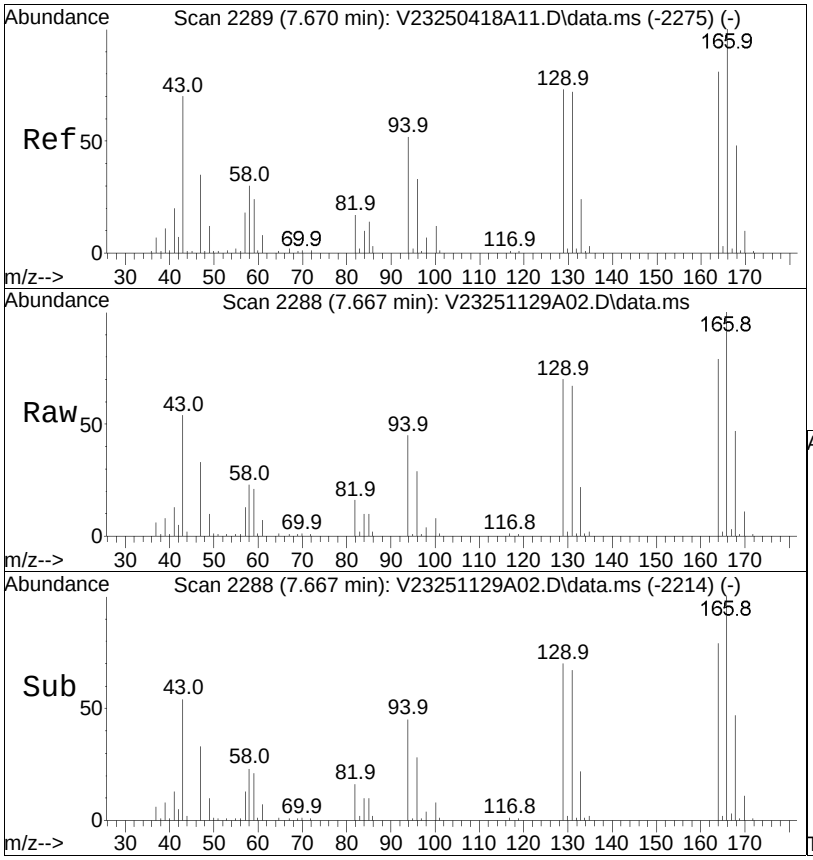


#61
Toluene
Concen: 44.46 ug/L
RT: 7.232 min Scan# 2132
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 92 Resp: 292568

Ion	Ratio	Lower	Upper
92	100		
91	171.4	136.4	204.6

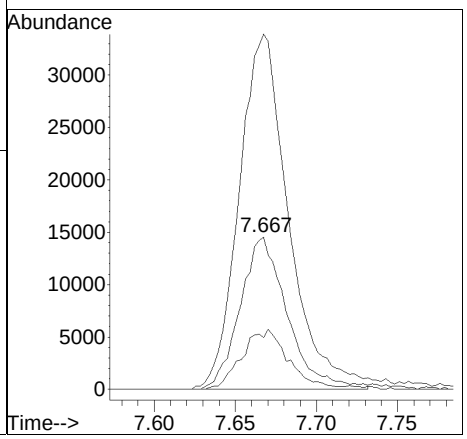


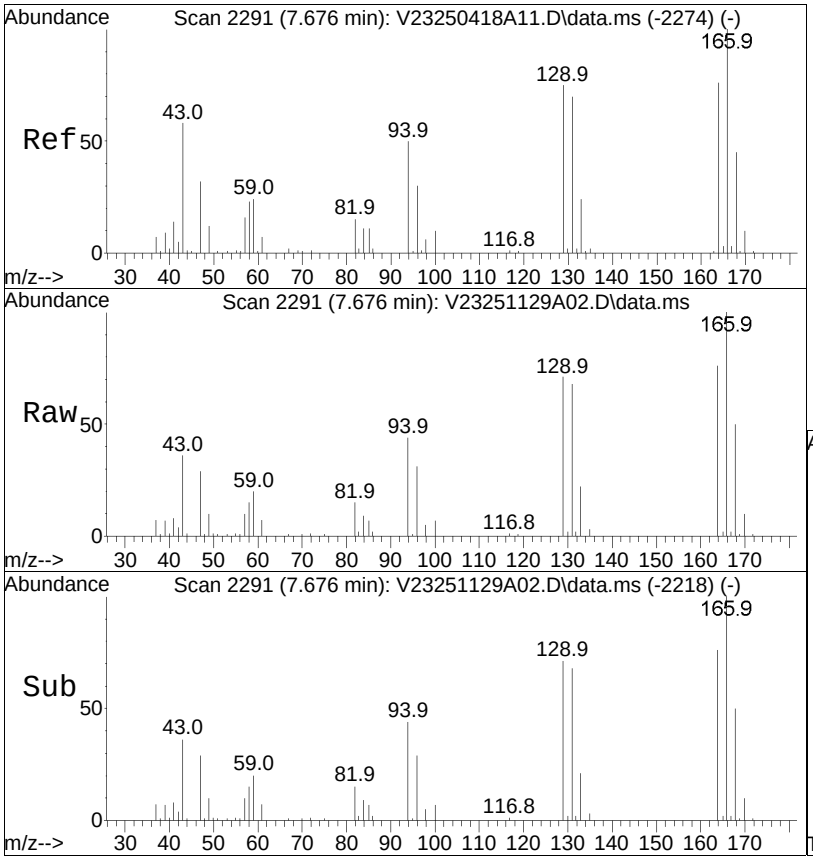


#62
4-Methyl-2-pentanone
Concen: 42.03 ug/L
RT: 7.667 min Scan# 2288
Delta R.T. 0.005 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 58 Resp: 29446

Ion	Ratio	Lower	Upper
58	100		
100	38.8	33.1	49.7
43	246.9	179.0	268.6

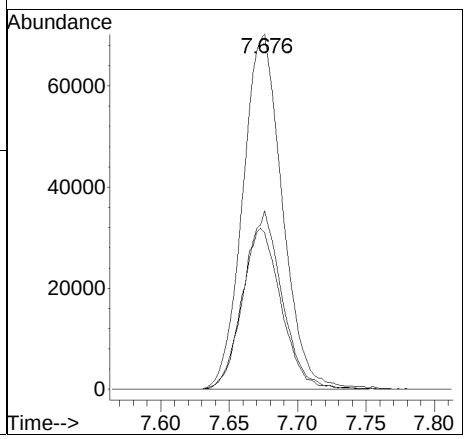


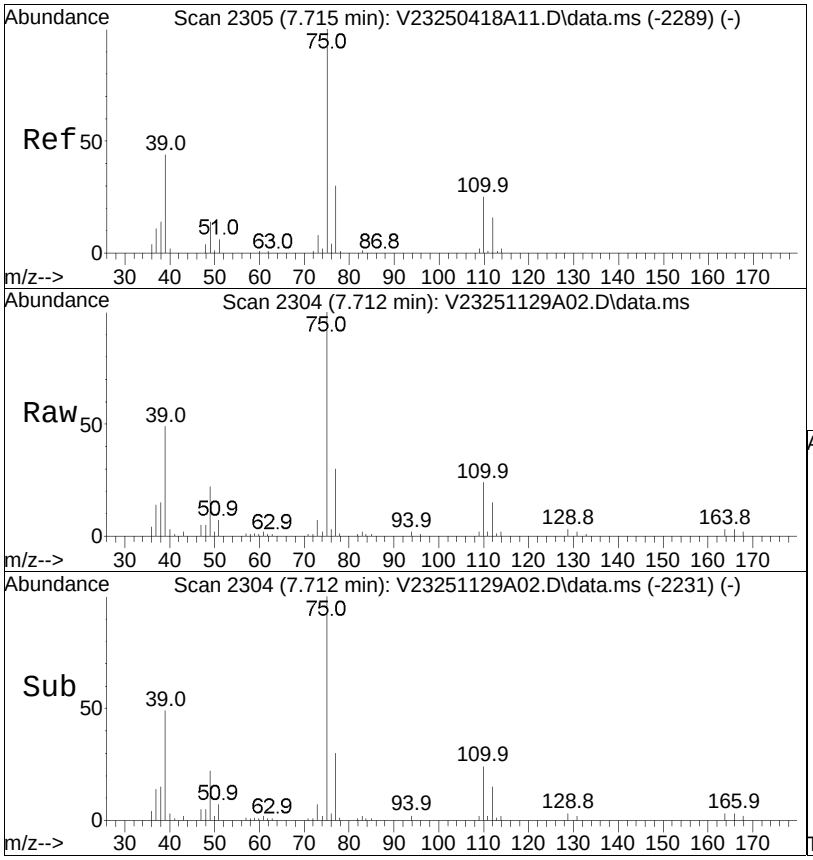


#63
Tetrachloroethene
Concen: 49.99 ug/L
RT: 7.676 min Scan# 2291
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:166 Resp: 141508

Ion	Ratio	Lower	Upper
166	100		
168	48.1	28.0	68.0
94	45.4	23.3	63.3

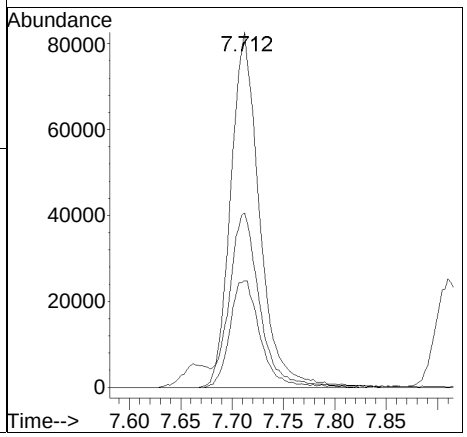


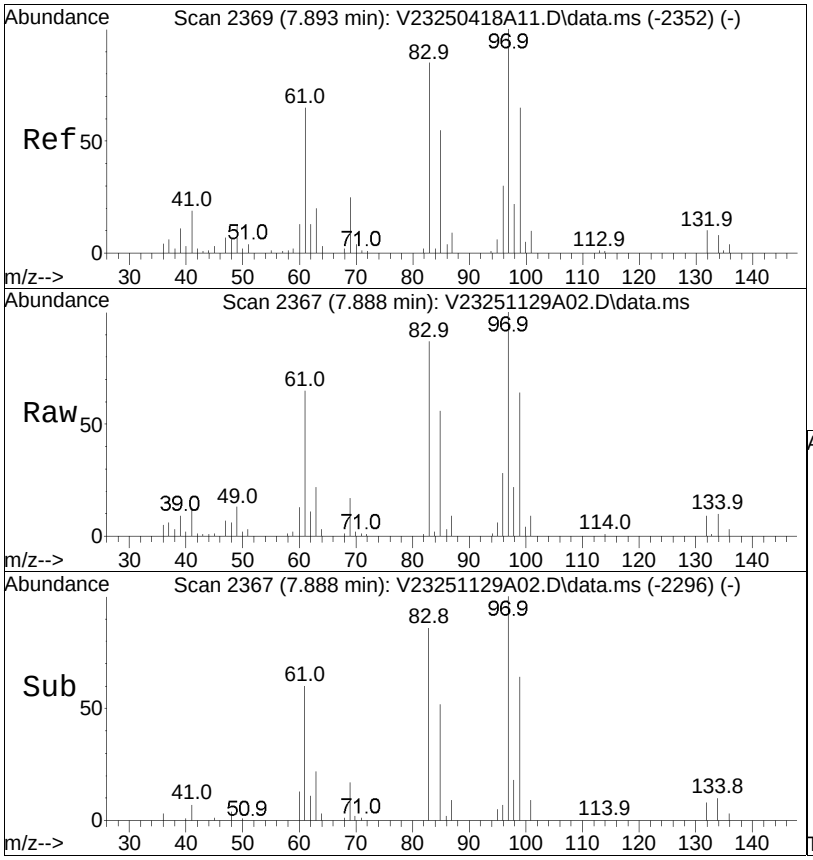


#65
trans-1,3-Dichloropropene
Concen: 43.69 ug/L
RT: 7.712 min Scan# 2304
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 75 Resp: 161946

Ion	Ratio	Lower	Upper
75	100		
77	31.3	12.7	52.7
39	50.5	29.5	69.5

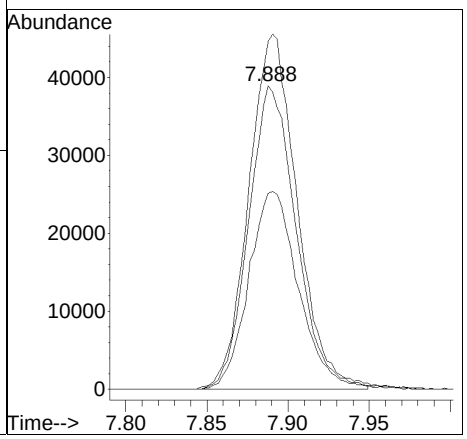


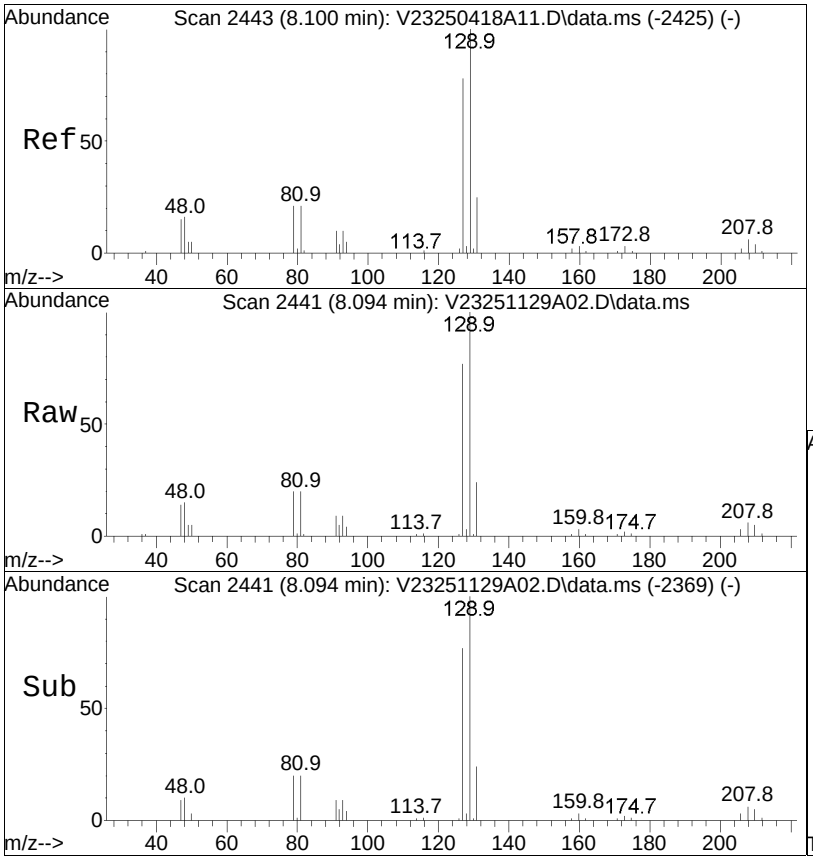


#68
1,1,2-Trichloroethane
Concen: 42.01 ug/L
RT: 7.888 min Scan# 2367
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 83 Resp: 79391

Ion	Ratio	Lower	Upper
83	100		
97	119.9	99.1	139.1
85	68.7	46.8	86.8

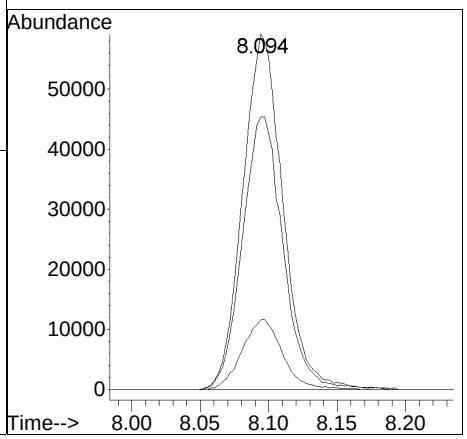


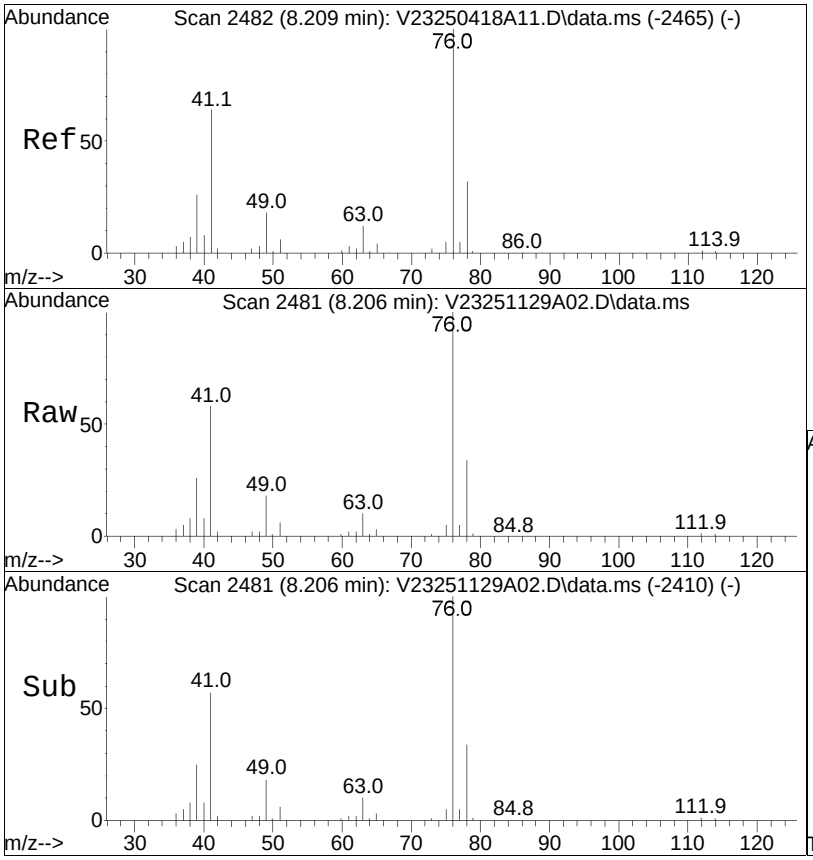


#69
Chlorodibromomethane
Concen: 44.34 ug/L
RT: 8.094 min Scan# 2441
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:129 Resp: 120386

Ion	Ratio	Lower	Upper
129	100		
81	19.7	0.0	35.1
127	77.8	57.6	97.6

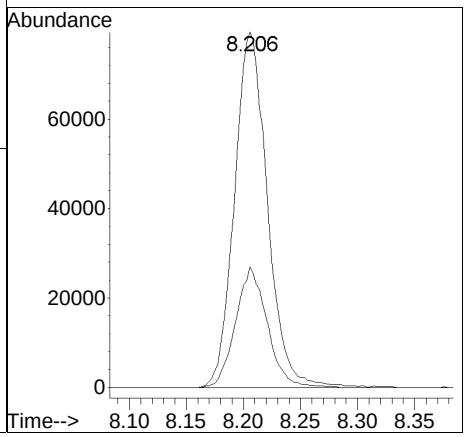


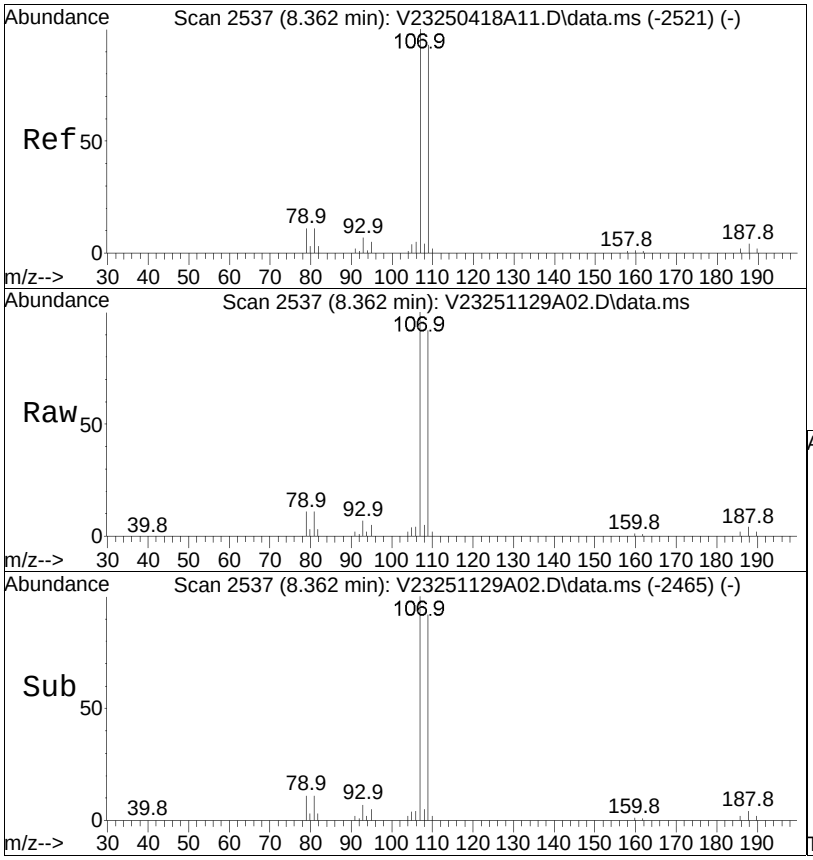


#70
1,3-Dichloropropane
Concen: 42.73 ug/L
RT: 8.206 min Scan# 2481
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 76 Resp: 159425

Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.2	39.2

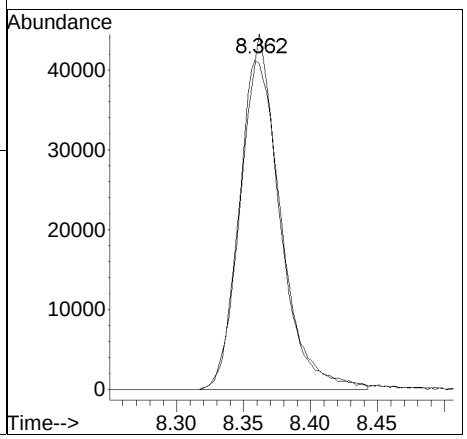


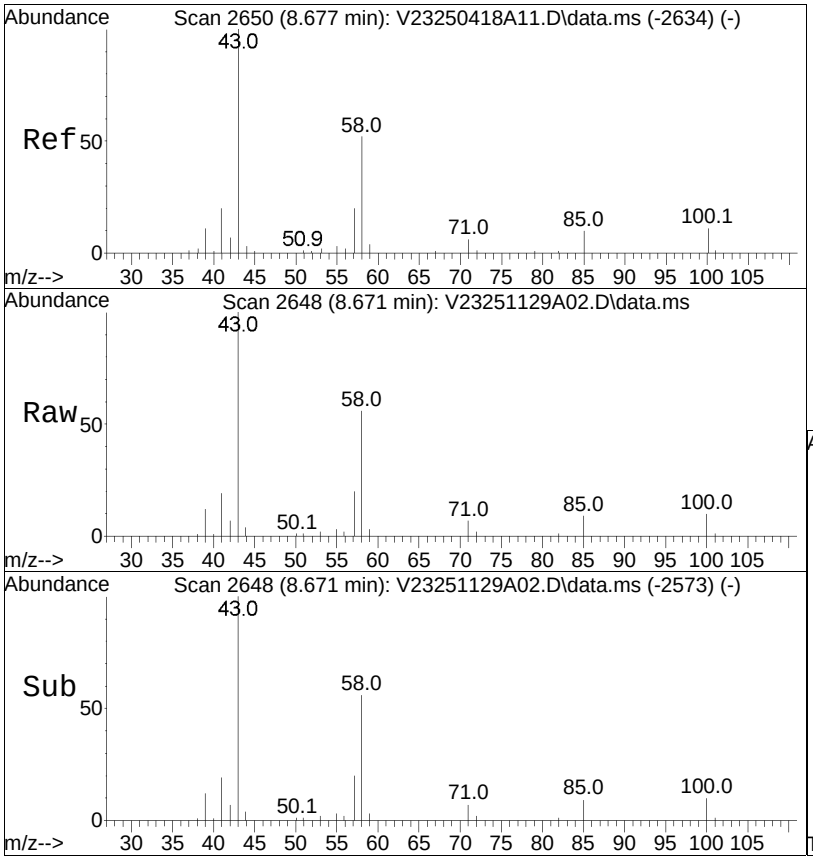


#71
1,2-Dibromoethane
Concen: 44.26 ug/L
RT: 8.362 min Scan# 2537
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:107 Resp: 92850

Ion	Ratio	Lower	Upper
107	100		
109	94.4	76.1	114.1

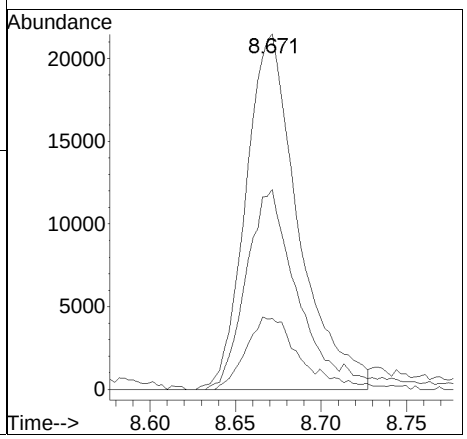


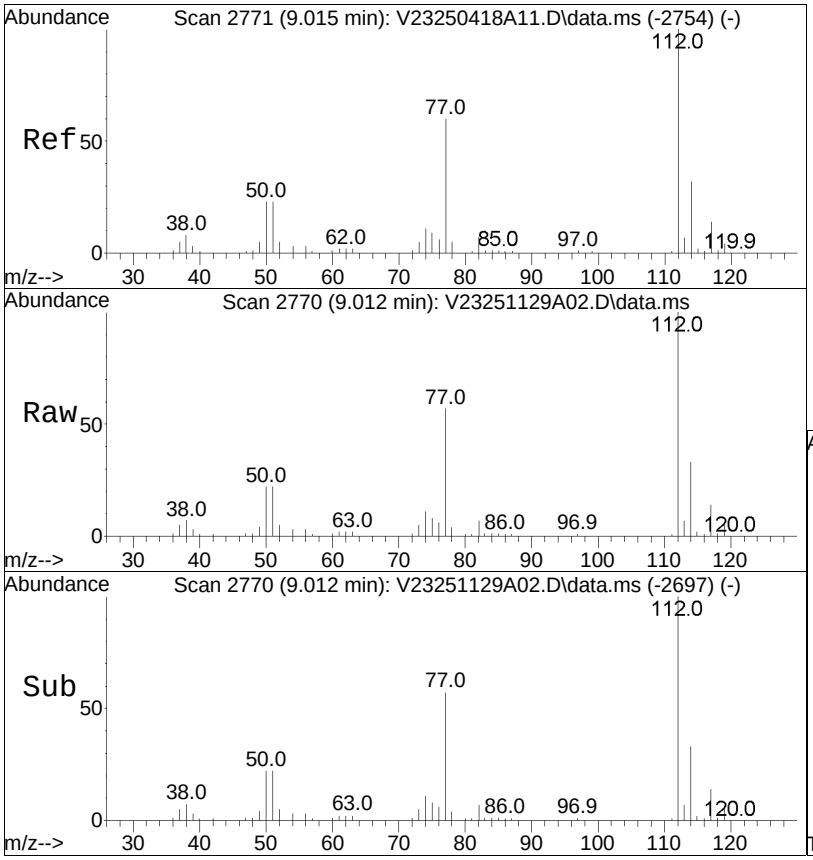


#72
2-Hexanone
Concen: 36.56 ug/L
RT: 8.671 min Scan# 2648
Delta R.T. 0.008 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 43 Resp: 45976

Ion	Ratio	Lower	Upper
43	100		
58	52.9	49.2	73.8
57	21.1	17.4	26.2

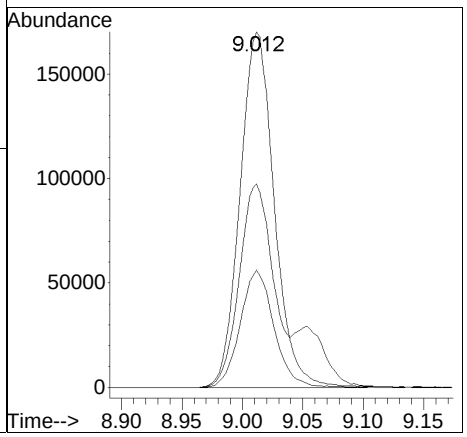


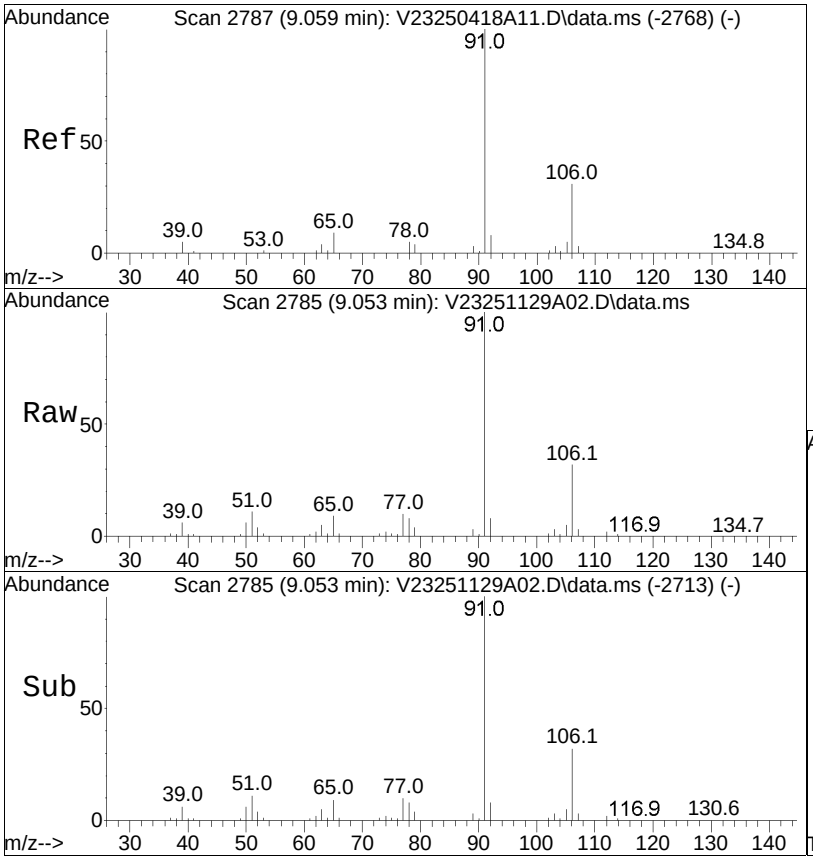


#73
Chlorobenzene
Concen: 44.68 ug/L
RT: 9.012 min Scan# 2770
Delta R.T. 0.002 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:112 Resp: 335938

Ion	Ratio	Lower	Upper
112	100		
77	56.8	58.5	87.7#
114	32.4	25.8	38.6

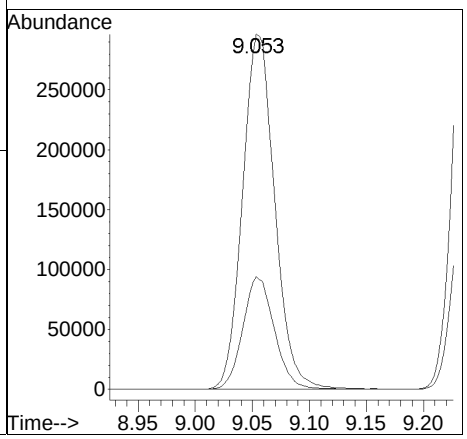


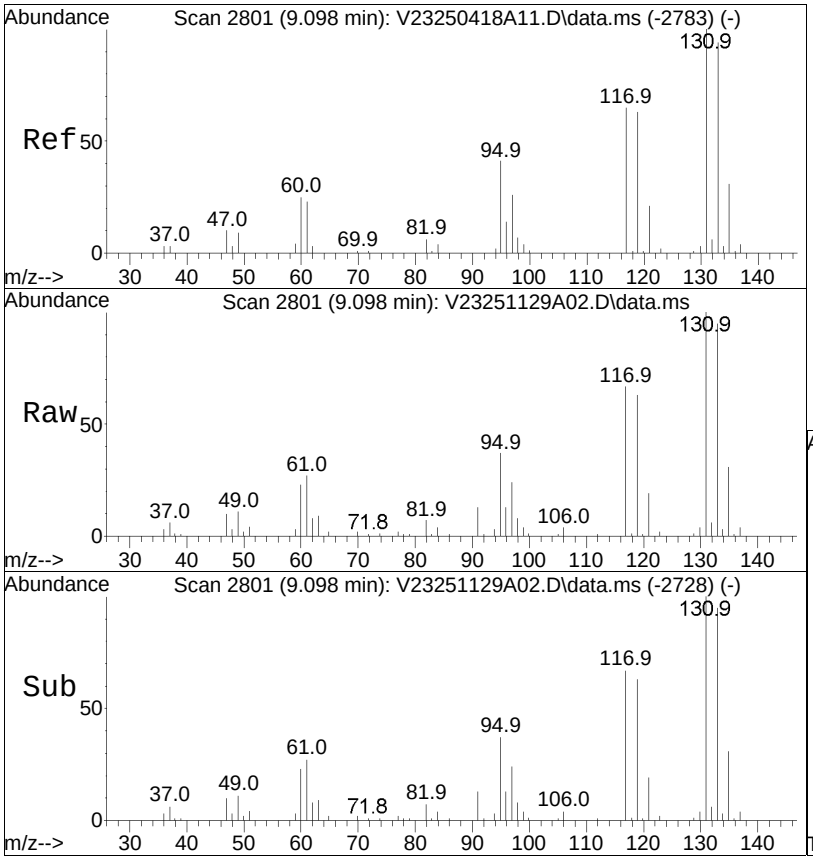


#74
Ethylbenzene
Concen: 44.67 ug/L
RT: 9.053 min Scan# 2785
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 91 Resp: 581804

Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.2	37.8

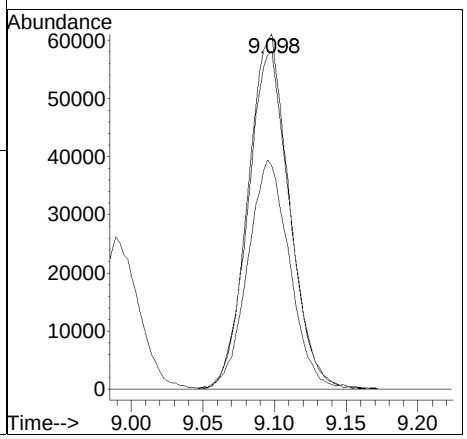


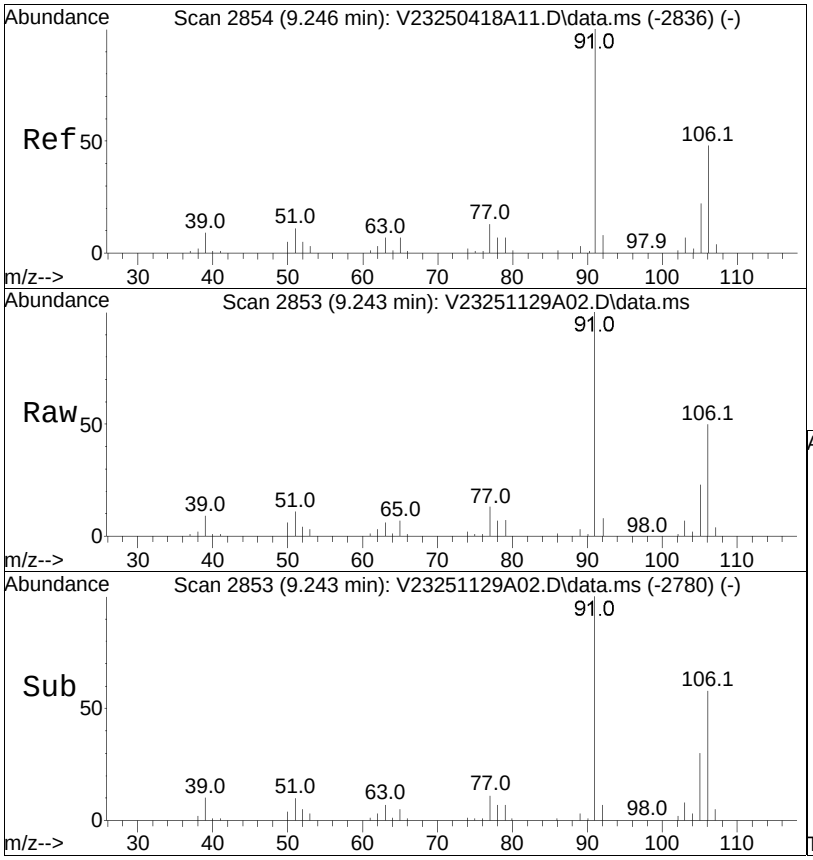


#75
1,1,1,2-Tetrachloroethane
Concen: 44.98 ug/L
RT: 9.098 min Scan# 2801
Delta R.T. 0.002 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:131 Resp: 123581

Ion	Ratio	Lower	Upper
131	100		
133	95.7	75.5	115.5
119	65.2	46.0	86.0

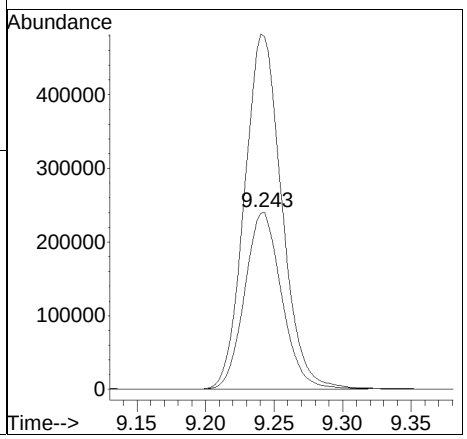


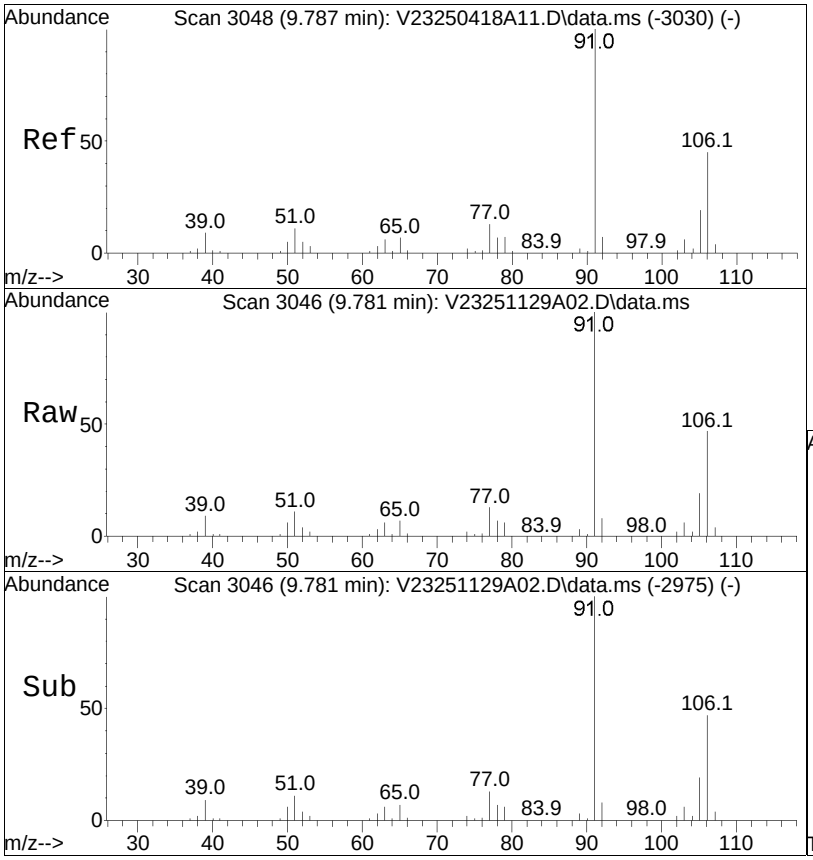


#76
p/m Xylene
Concen: 93.25 ug/L
RT: 9.243 min Scan# 2853
Delta R.T. 0.002 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:106 Resp: 454151

Ion	Ratio	Lower	Upper
106	100		
91	201.6	160.4	240.6

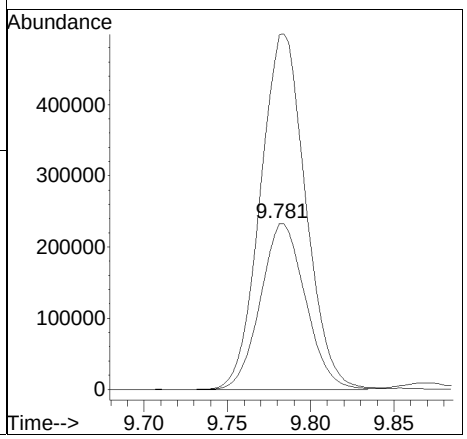


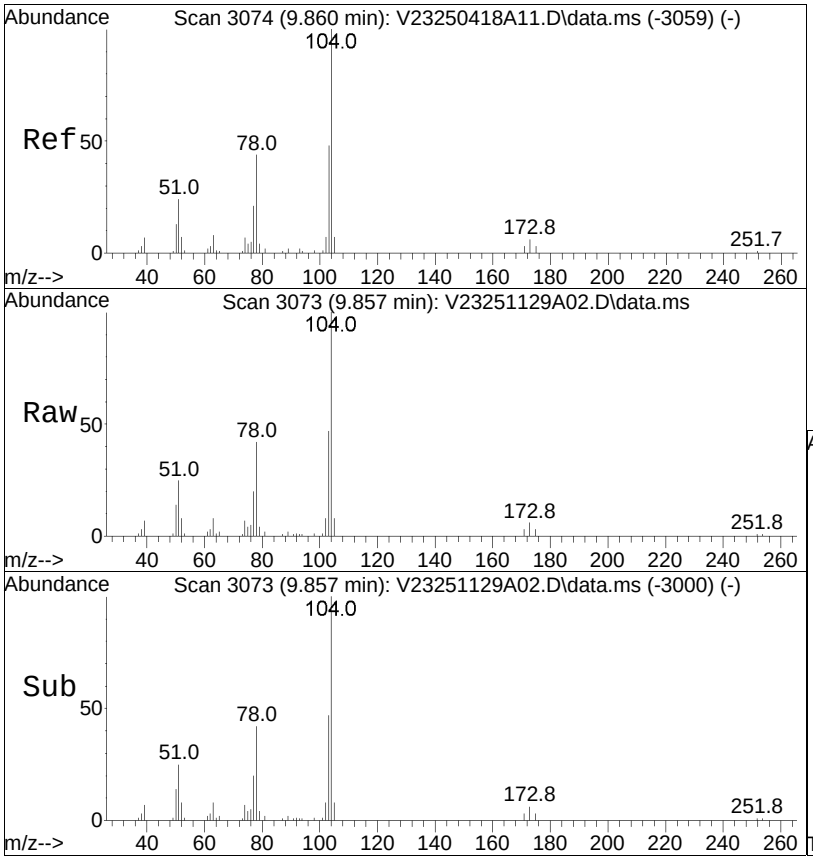


#77
o Xylene
Concen: 88.97 ug/L
RT: 9.781 min Scan# 3046
Delta R.T. -0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:106 Resp: 437291

Ion	Ratio	Lower	Upper
106	100		
91	215.6	169.6	254.4

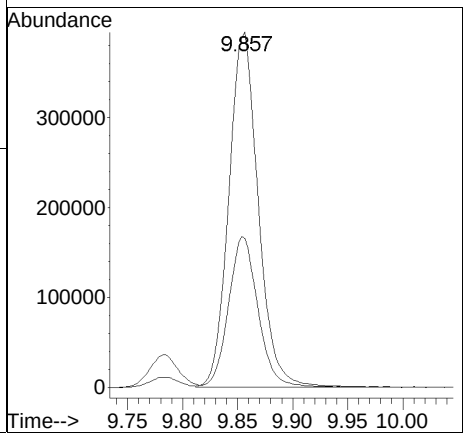


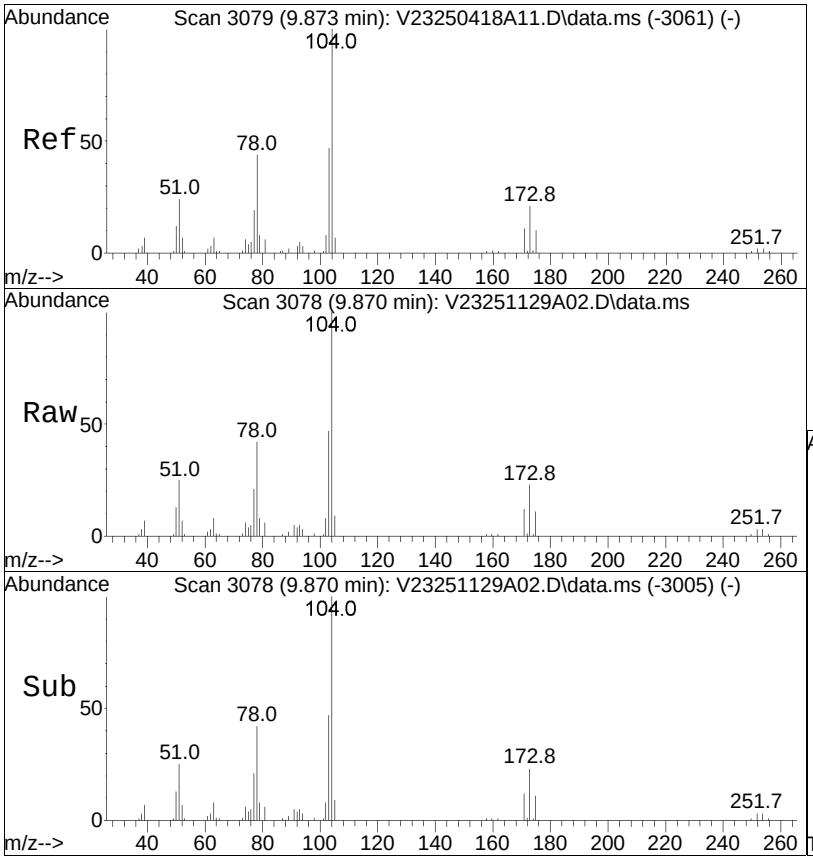


#78
Styrene
Concen: 88.45 ug/L
RT: 9.857 min Scan# 3073
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:104 Resp: 732510

Ion	Ratio	Lower	Upper
104	100		
78	42.0	33.8	50.6

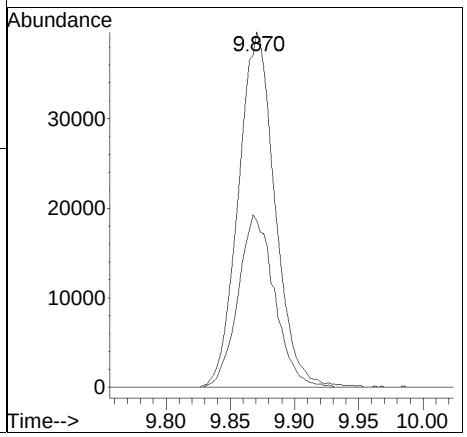


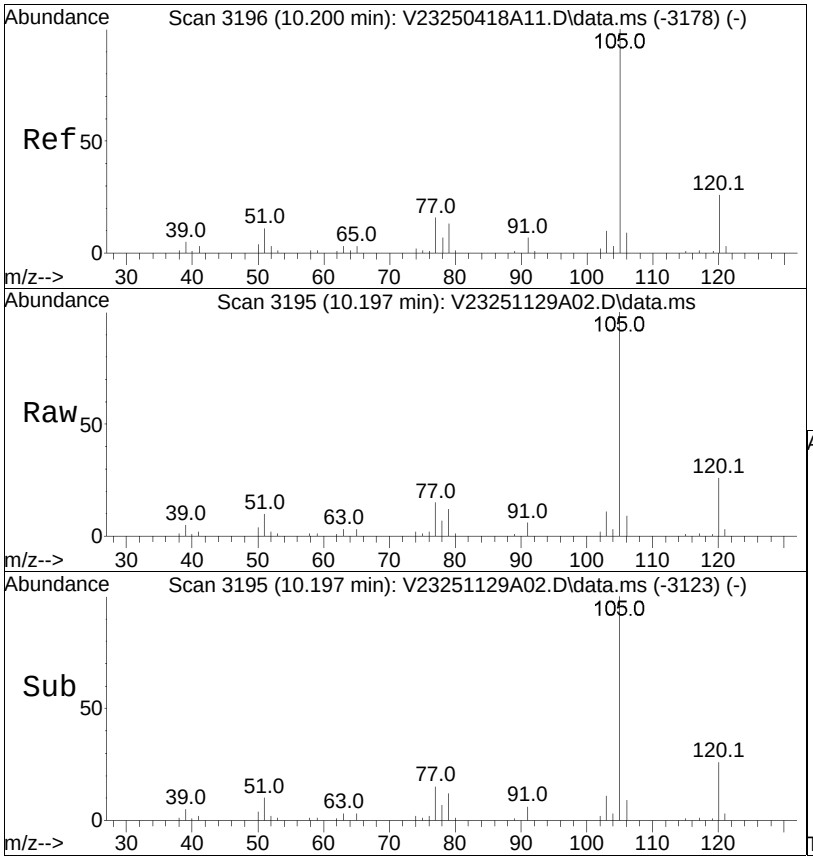


#80
Bromoform
Concen: 42.10 ug/L
RT: 9.870 min Scan# 3078
Delta R.T. 0.002 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:173 Resp: 78778

Ion	Ratio	Lower	Upper
173	100		
175	48.4	28.7	68.7

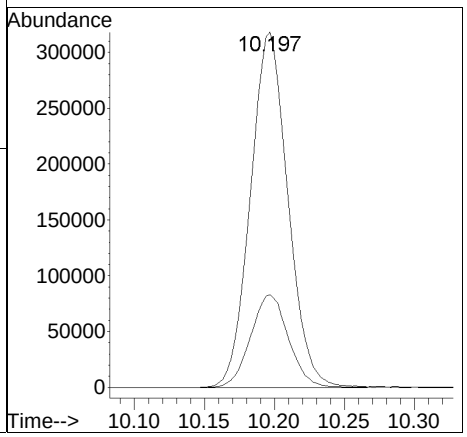


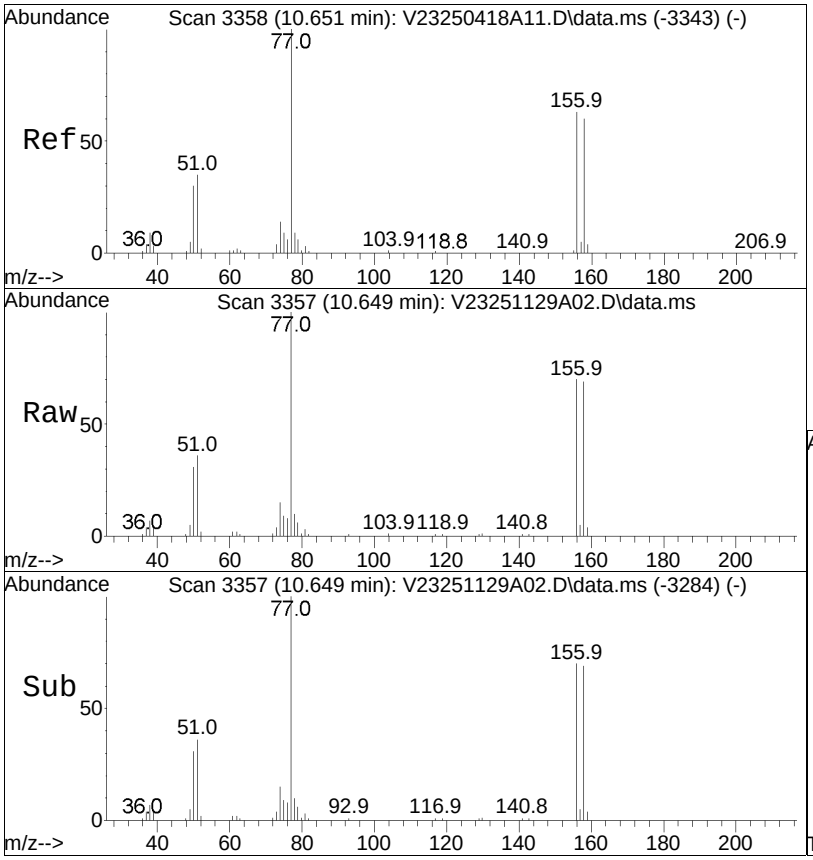


#82
Isopropylbenzene
Concen: 45.74 ug/L
RT: 10.197 min Scan# 3195
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:105 Resp: 591085

Ion	Ratio	Lower	Upper
105	100		
120	26.3	6.6	46.6

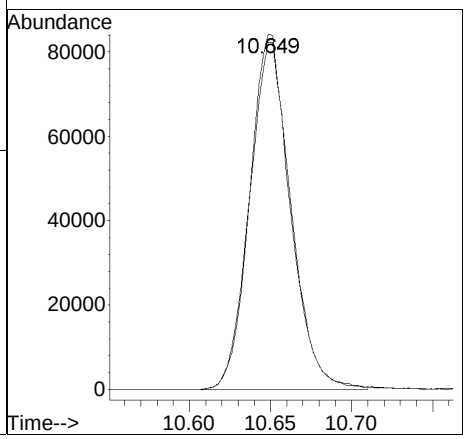


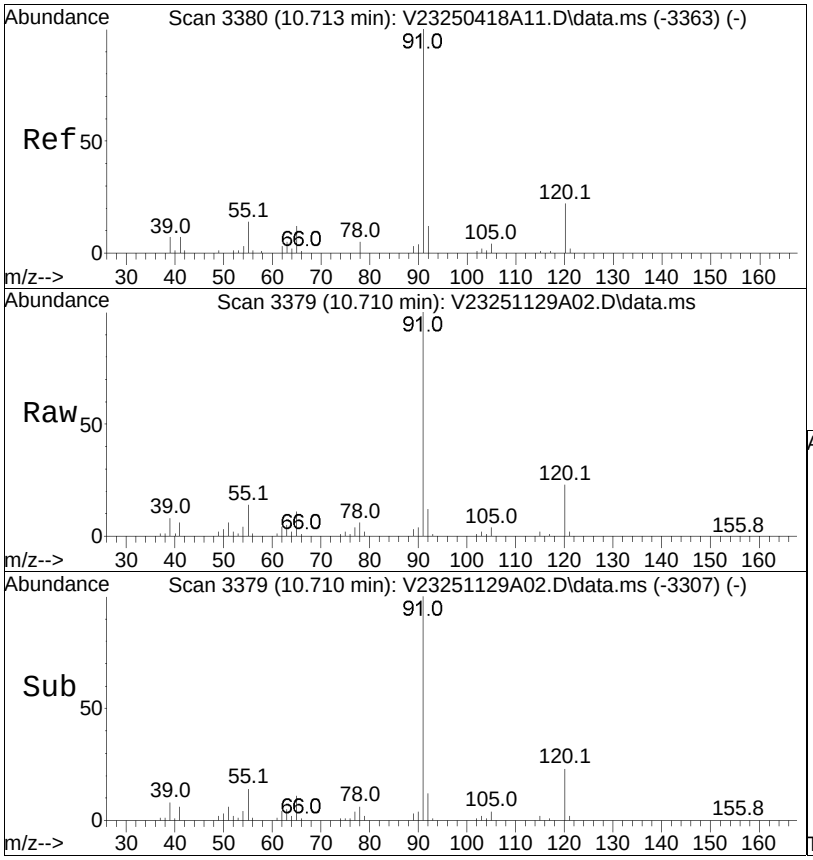


#84
Bromobenzene
Concen: 42.65 ug/L
RT: 10.649 min Scan# 3357
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:156 Resp: 148596

Ion	Ratio	Lower	Upper
156	100		
158	96.8	77.7	116.5

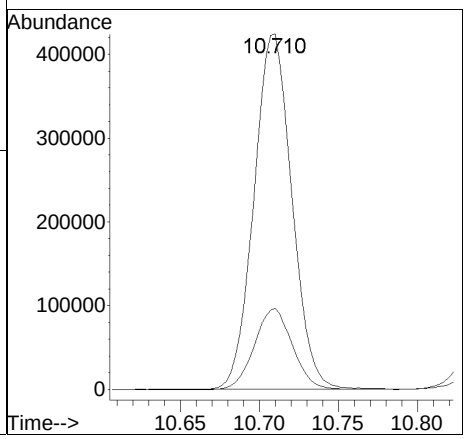


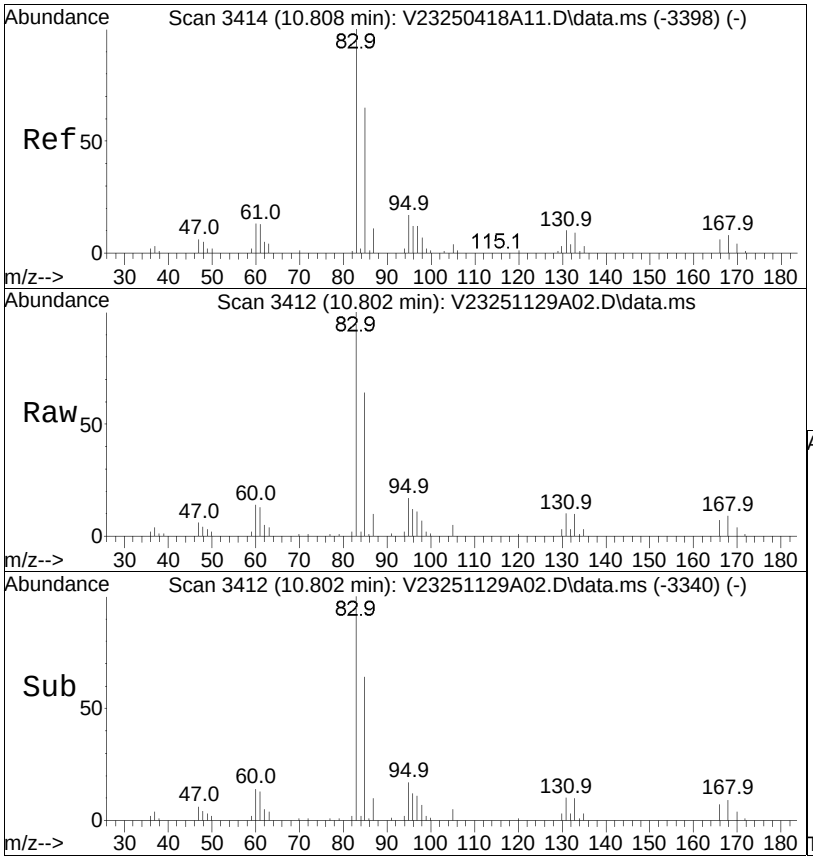


#85
n-Propylbenzene
Concen: 45.95 ug/L
RT: 10.710 min Scan# 3379
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 91 Resp: 706978

Ion	Ratio	Lower	Upper
91	100		
120	22.8	18.2	27.2

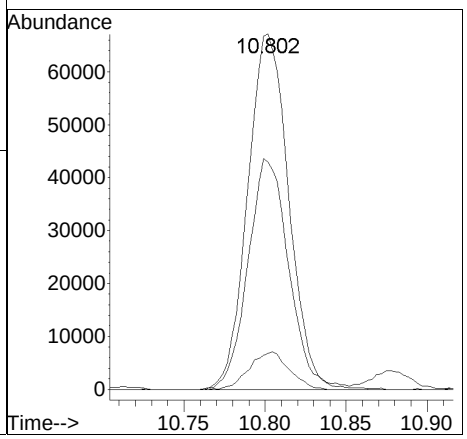


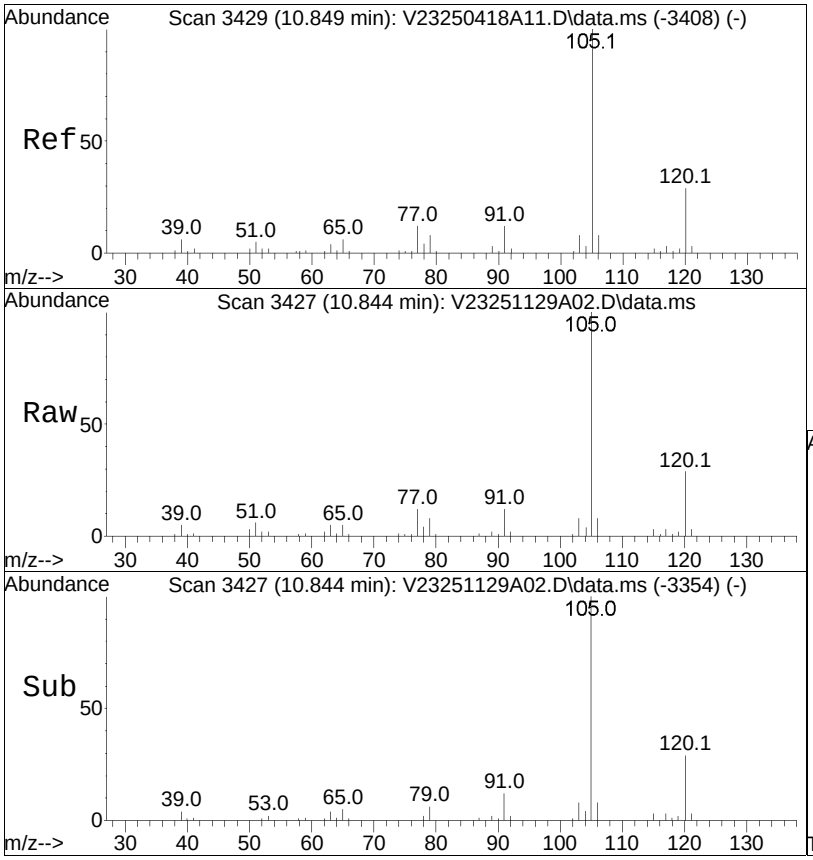


#87
1,1,2,2-Tetrachloroethane
Concen: 41.54 ug/L
RT: 10.802 min Scan# 3412
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 83 Resp: 118145

Ion	Ratio	Lower	Upper
83	100		
131	10.3	0.0	30.1
85	64.5	45.1	85.1

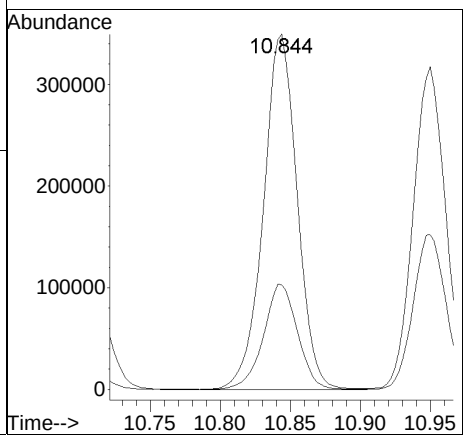


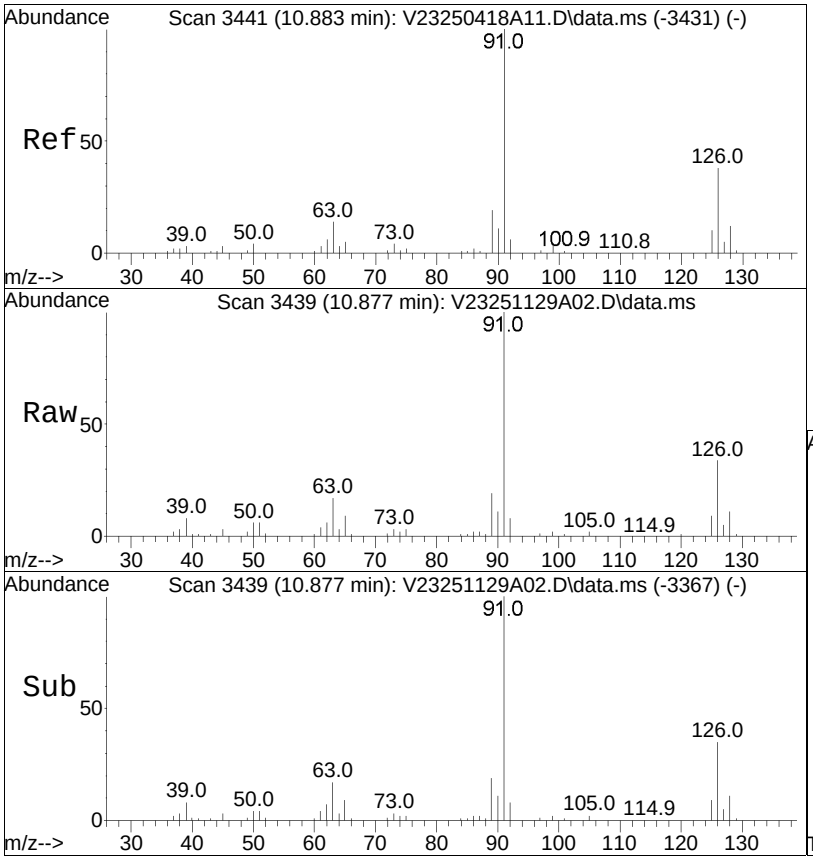


#88
4-Ethyltoluene
Concen: 45.77 ug/L
RT: 10.844 min Scan# 3427
Delta R.T. 0.002 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:105 Resp: 585962

Ion	Ratio	Lower	Upper
105	100		
120	29.9	19.4	40.4

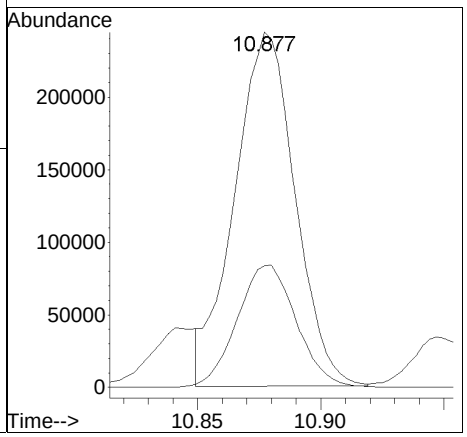


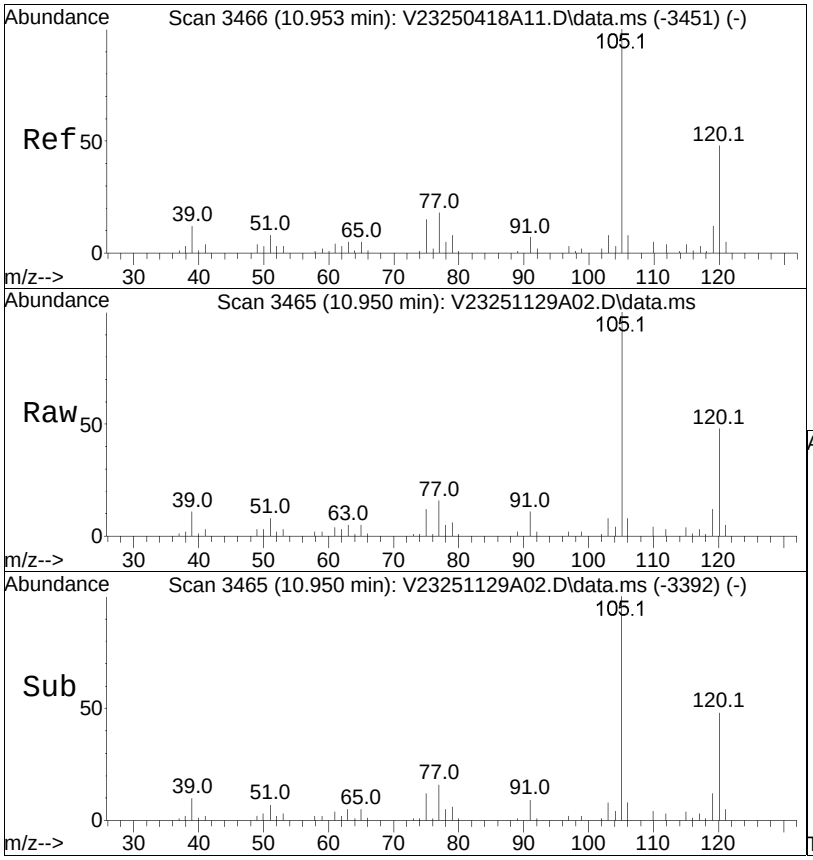


#89
2-Chlorotoluene
Concen: 43.31 ug/L
RT: 10.877 min Scan# 3439
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 91 Resp: 416062

Ion	Ratio	Lower	Upper
91	100		
126	33.9	26.7	40.1

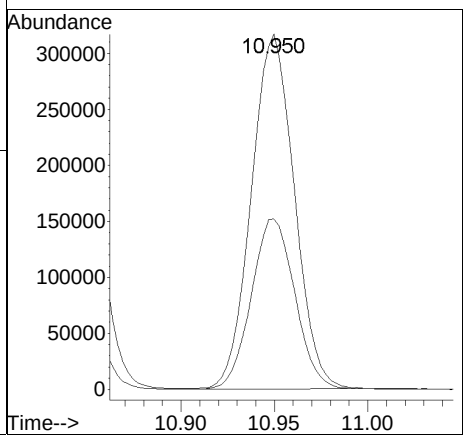


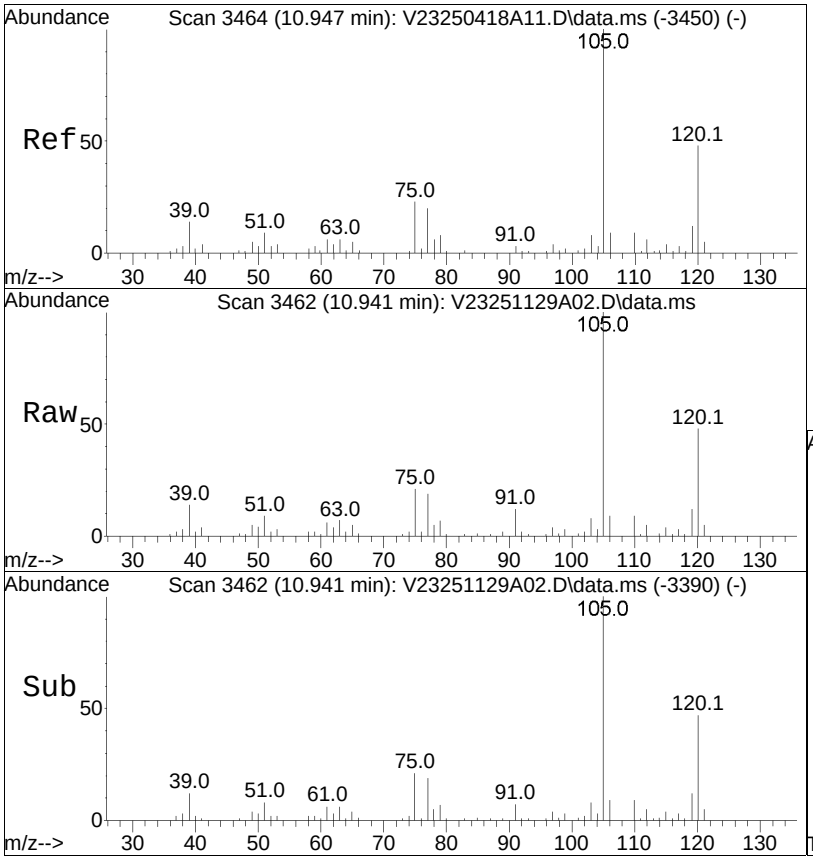


#90
1,3,5-Trimethylbenzene
Concen: 44.69 ug/L
RT: 10.950 min Scan# 3465
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:105 Resp: 507552

Ion	Ratio	Lower	Upper
105	100		
120	48.6	39.9	59.9

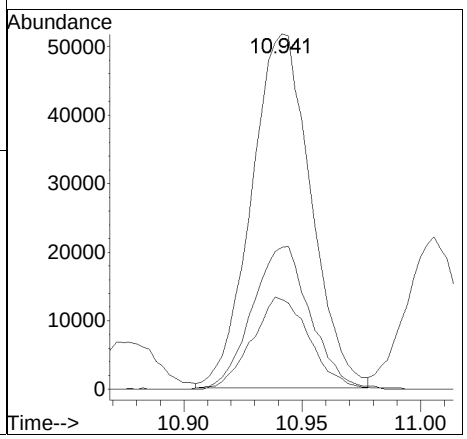


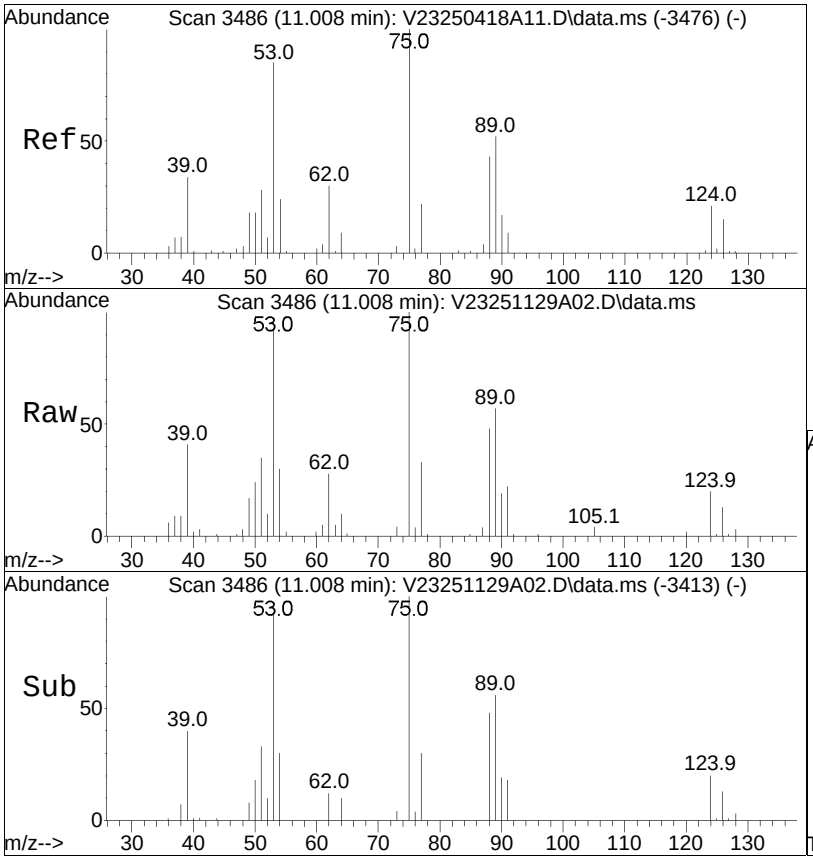


#91
1,2,3-Trichloropropane
Concen: 40.13 ug/L
RT: 10.941 min Scan# 3462
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 75 Resp: 90231

Ion	Ratio	Lower	Upper
75	100		
110	39.7	24.6	51.0
112	25.2	15.7	32.5

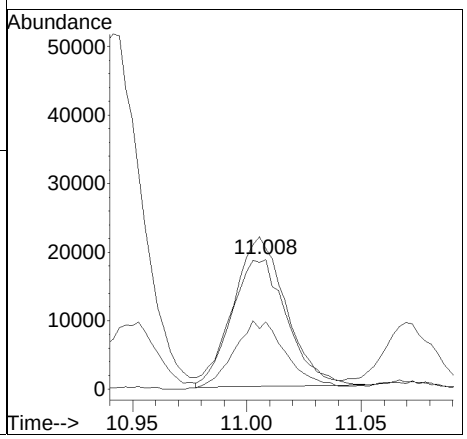


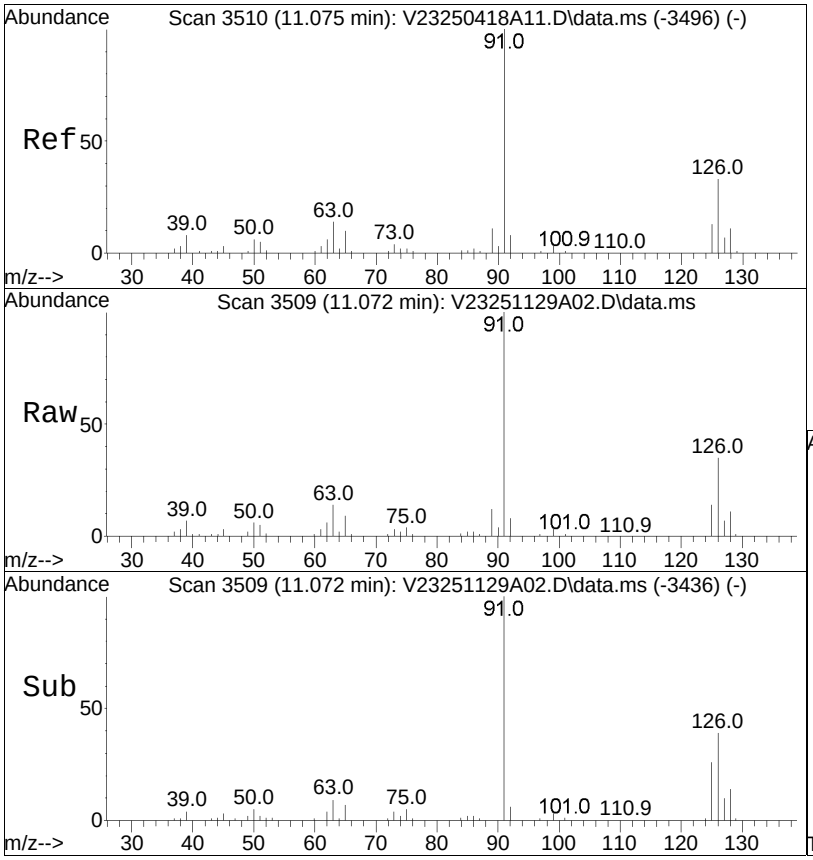


#92
trans-1,4-Dichloro-2-butene
Concen: 39.30 ug/L
RT: 11.008 min Scan# 3486
Delta R.T. 0.002 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 53 Resp: 31222

Ion	Ratio	Lower	Upper
53	100		
88	52.0	45.1	67.7
75	116.1	116.5	174.7#

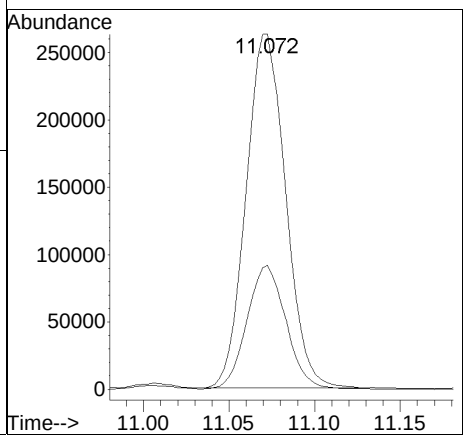


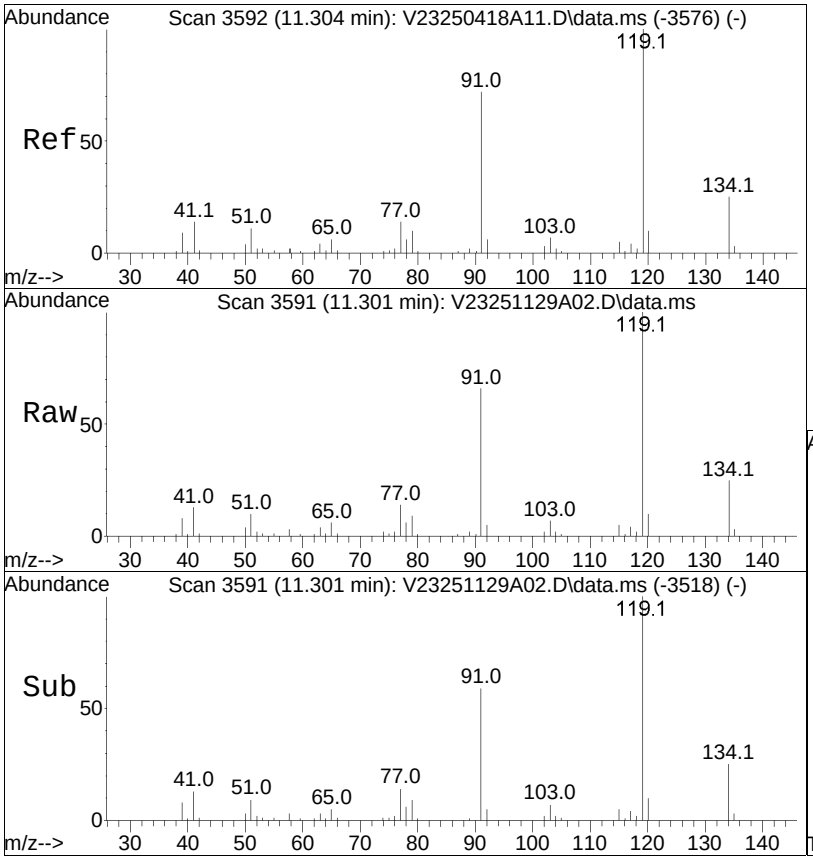


#93
4-Chlorotoluene
Concen: 43.30 ug/L
RT: 11.072 min Scan# 3509
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 91 Resp: 422710

Ion	Ratio	Lower	Upper
91	100		
126	34.5	26.9	40.3

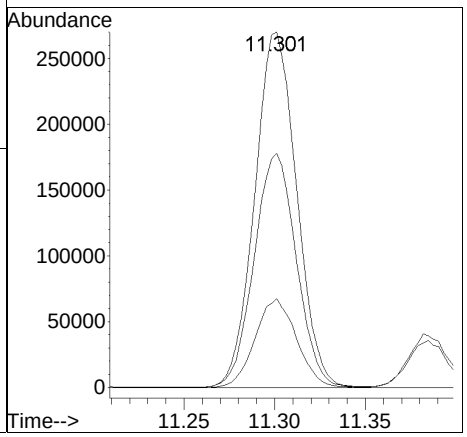


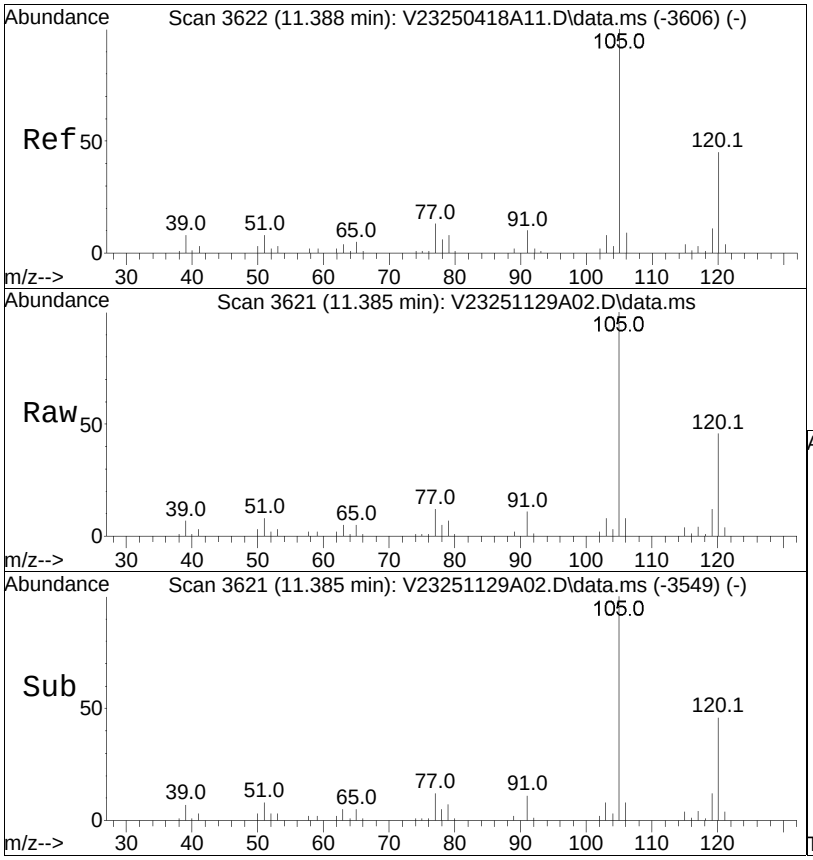


#94
tert-Butylbenzene
Concen: 45.63 ug/L
RT: 11.301 min Scan# 3591
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:119 Resp: 433885

Ion	Ratio	Lower	Upper
119	100		
91	66.1	53.1	79.7
134	24.7	20.4	30.6

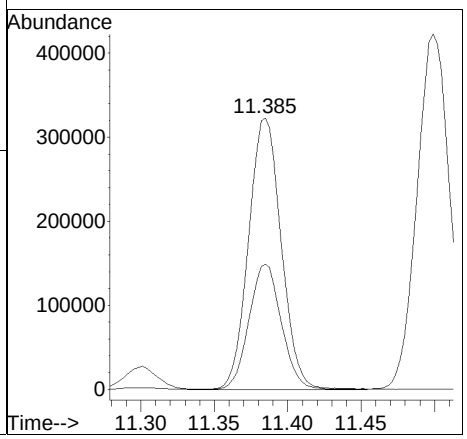


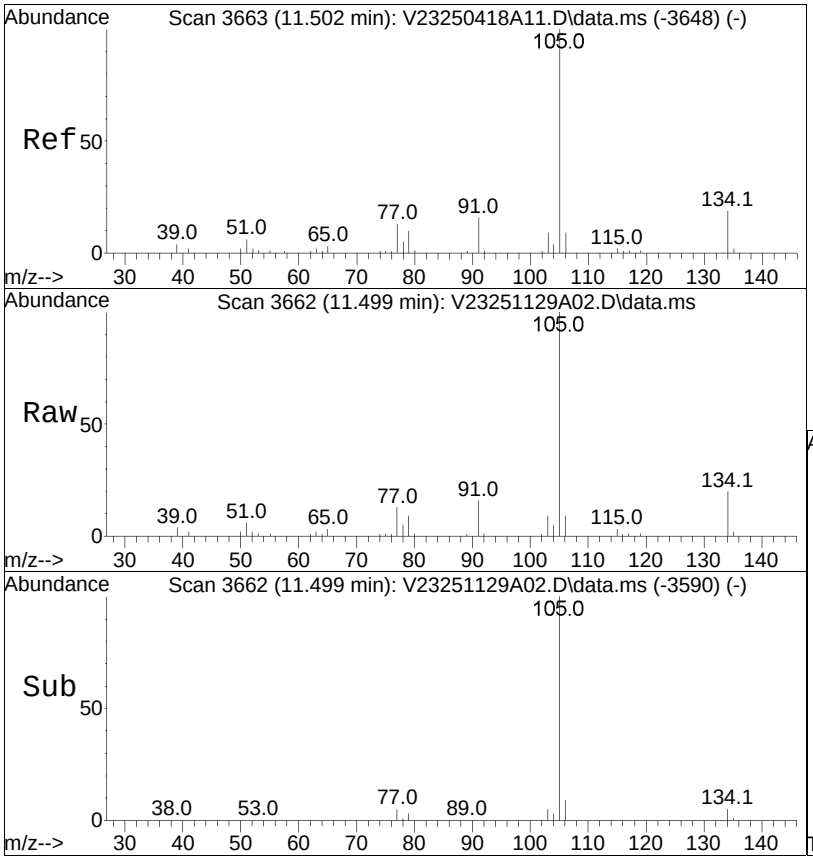


#97
1,2,4-Trimethylbenzene
Concen: 44.20 ug/L
RT: 11.385 min Scan# 3621
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:105 Resp: 498910

Ion	Ratio	Lower	Upper
105	100		
120	45.7	36.9	55.3

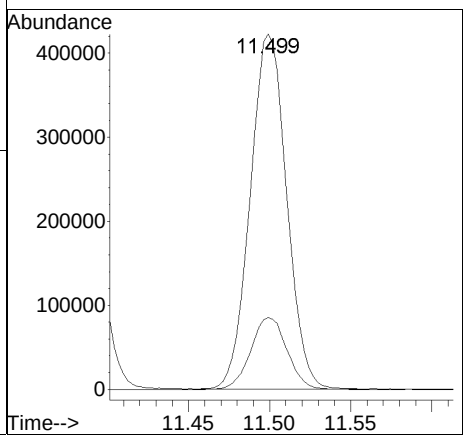


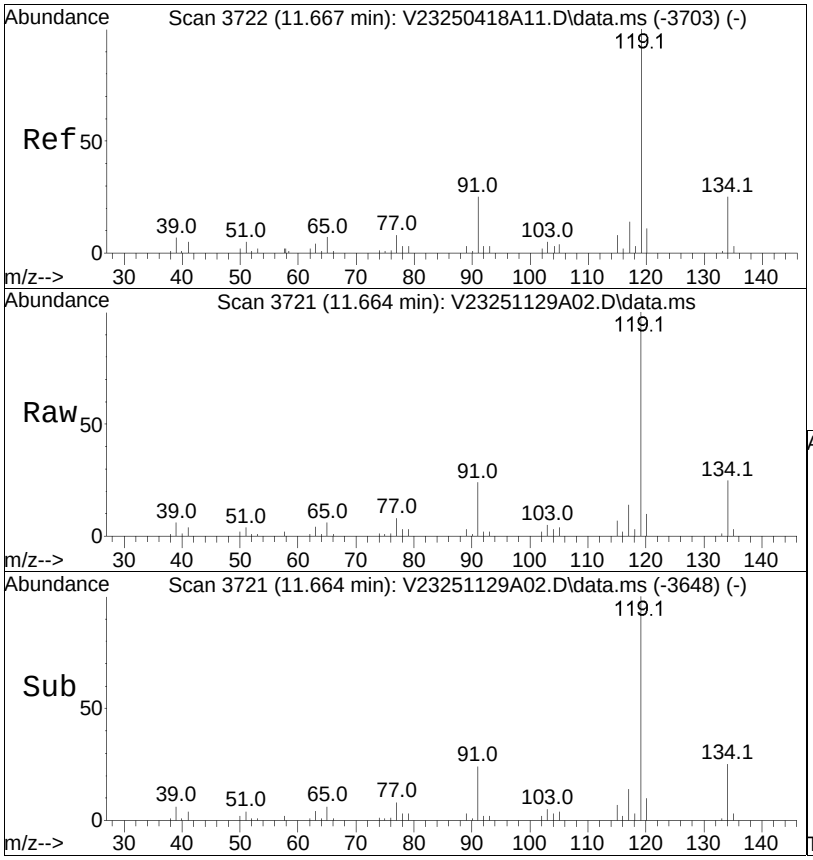


#98
sec-Butylbenzene
Concen: 46.38 ug/L
RT: 11.499 min Scan# 3662
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:105 Resp: 659686

Ion	Ratio	Lower	Upper
105	100		
134	20.2	13.1	27.1

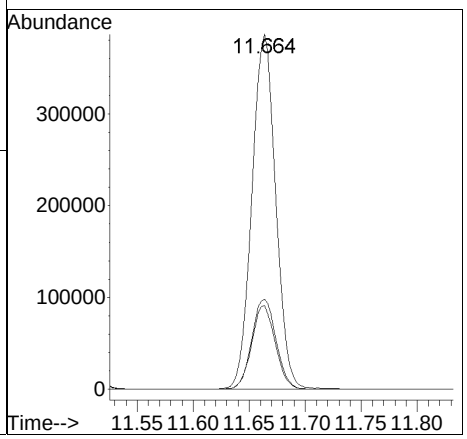


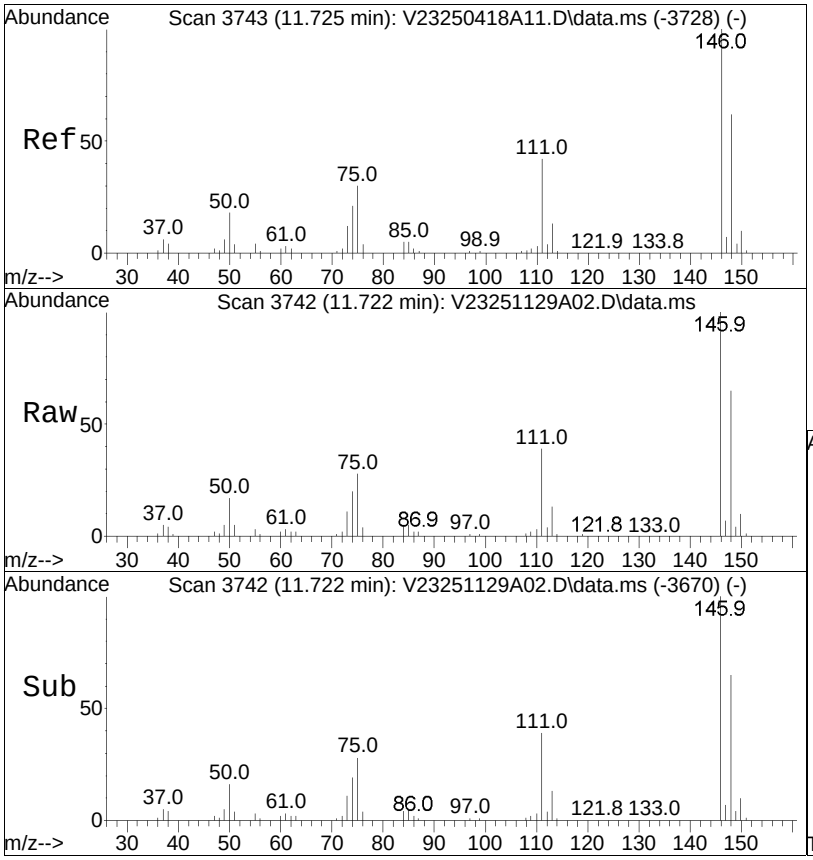


#99
p-Isopropyltoluene
Concen: 46.42 ug/L
RT: 11.664 min Scan# 3721
Delta R.T. 0.002 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:119 Resp: 571928

Ion	Ratio	Lower	Upper
119	100		
134	26.0	17.2	35.6
91	23.6	15.1	31.3

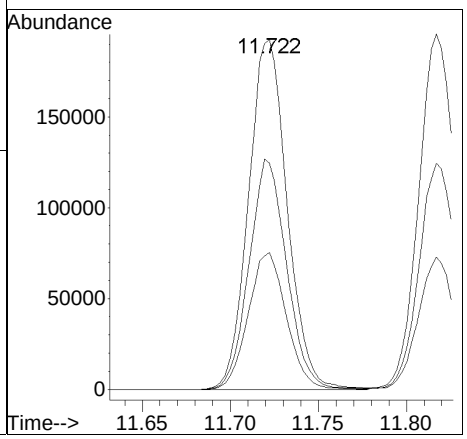


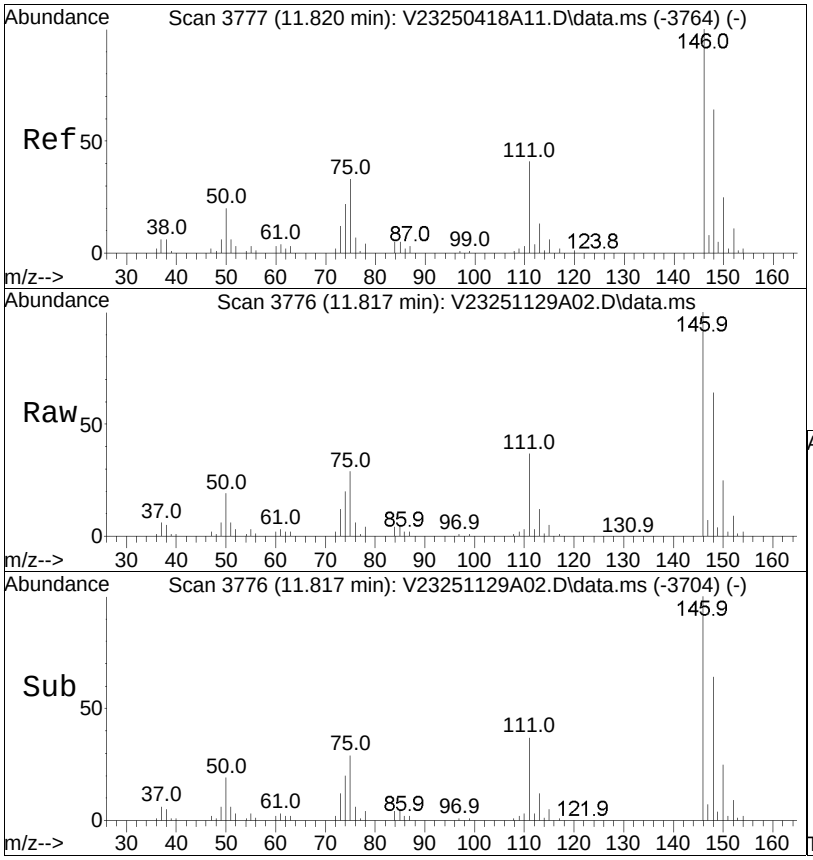


#100
1,3-Dichlorobenzene
Concen: 44.62 ug/L
RT: 11.722 min Scan# 3742
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:146 Resp: 293868

Ion	Ratio	Lower	Upper
146	100		
111	38.6	26.0	54.0
148	64.0	41.4	86.0

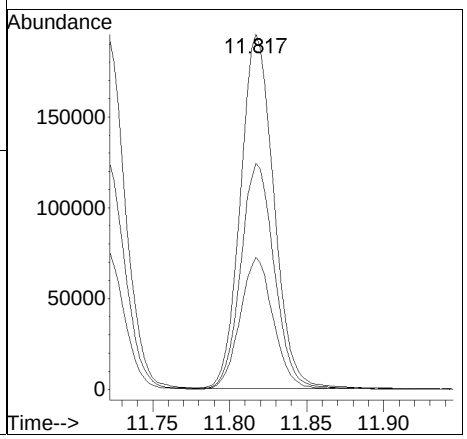


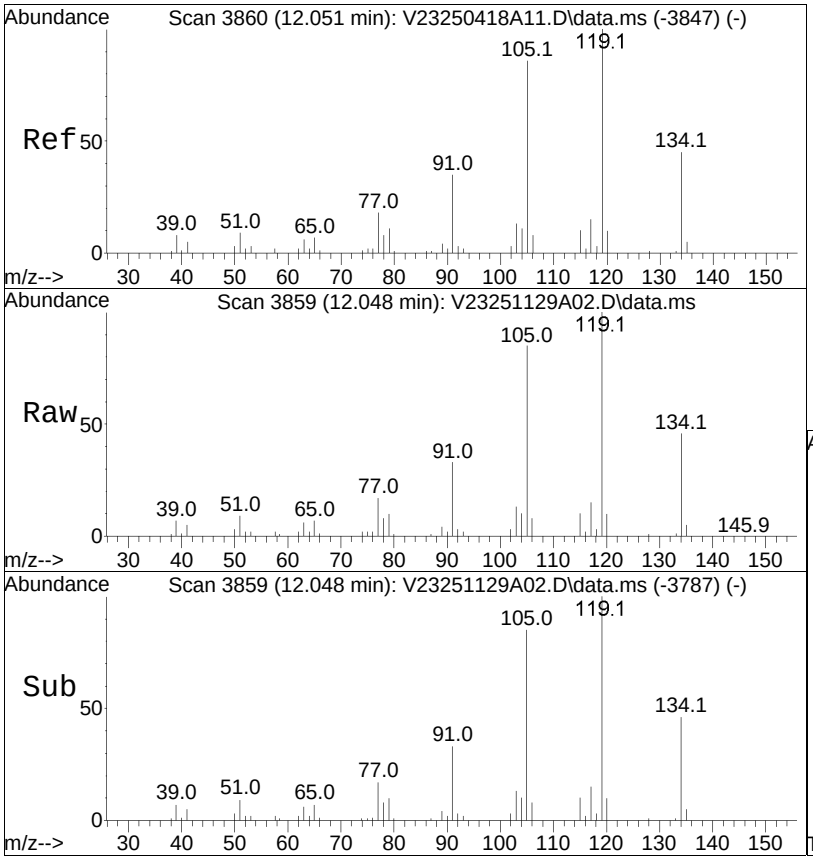


#101
1,4-Dichlorobenzene
Concen: 43.55 ug/L
RT: 11.817 min Scan# 3776
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:146 Resp: 293868

Ion	Ratio	Lower	Upper
146	100		
111	37.0	31.1	46.7
148	64.1	50.8	76.2

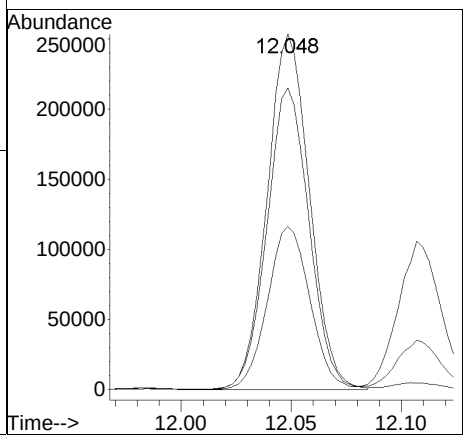


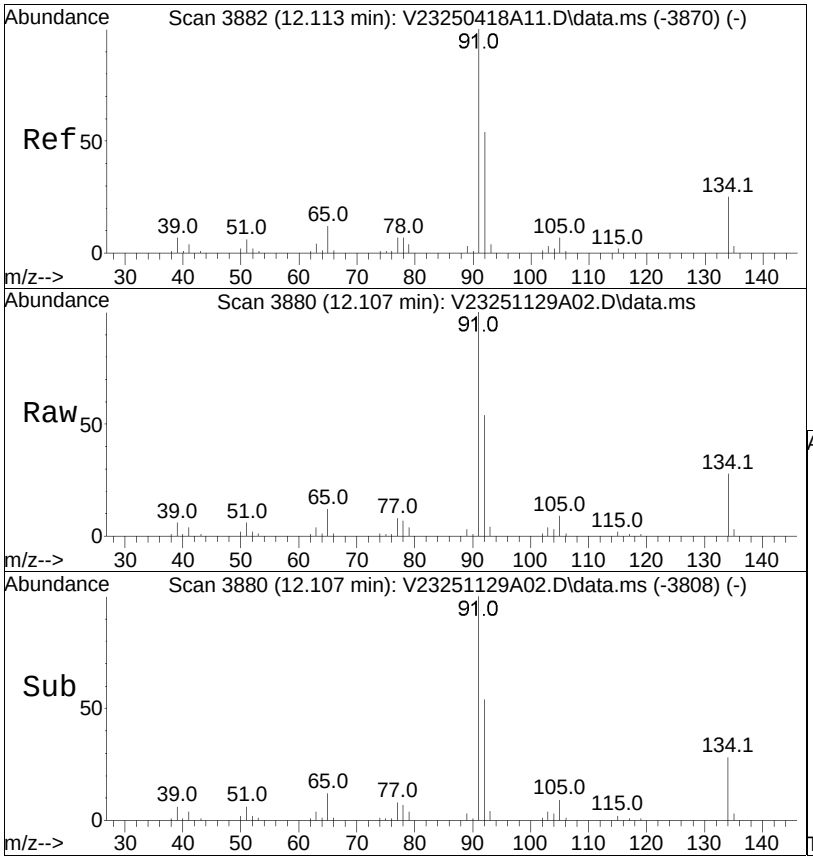


#102
p-Diethylbenzene
Concen: 46.47 ug/L
RT: 12.048 min Scan# 3859
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:119 Resp: 338939

Ion	Ratio	Lower	Upper
119	100		
105	84.5	55.1	114.5
134	46.0	30.0	62.2

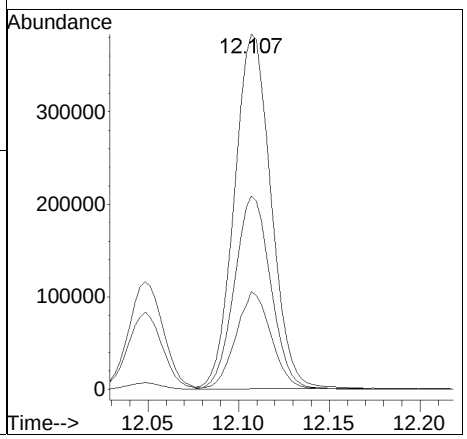


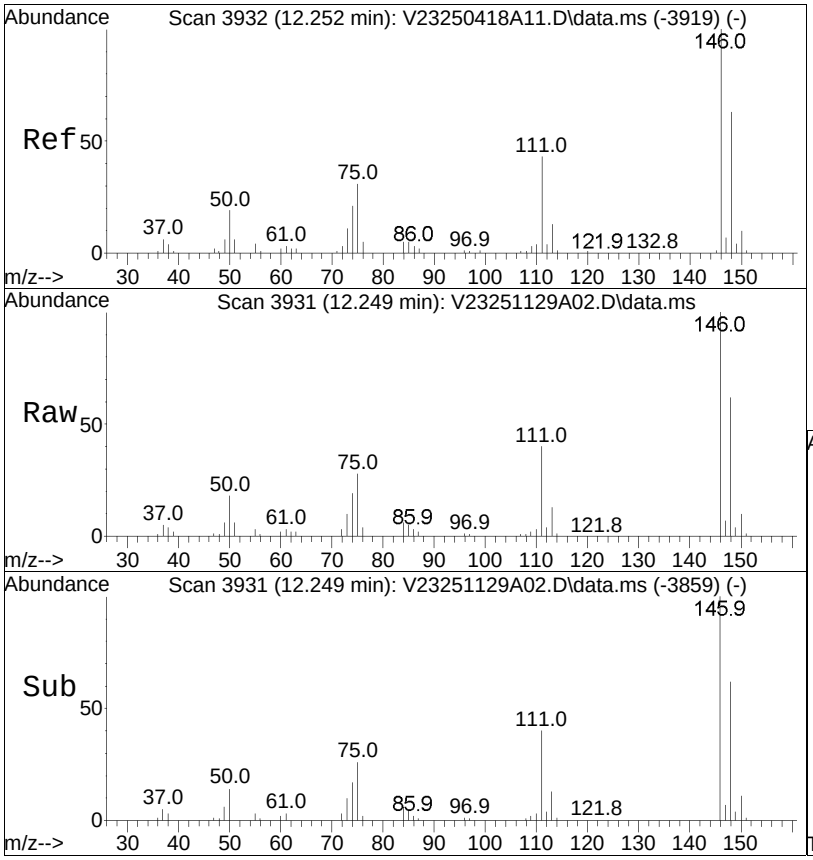


#103
n-Butylbenzene
Concen: 48.80 ug/L
RT: 12.107 min Scan# 3880
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion: 91 Resp: 539276

Ion	Ratio	Lower	Upper
91	100		
92	54.0	44.2	66.4
134	26.7	21.2	31.8

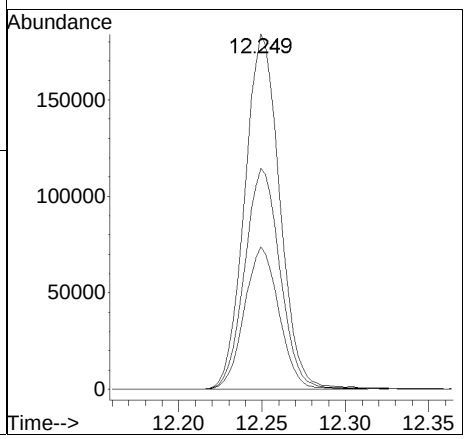


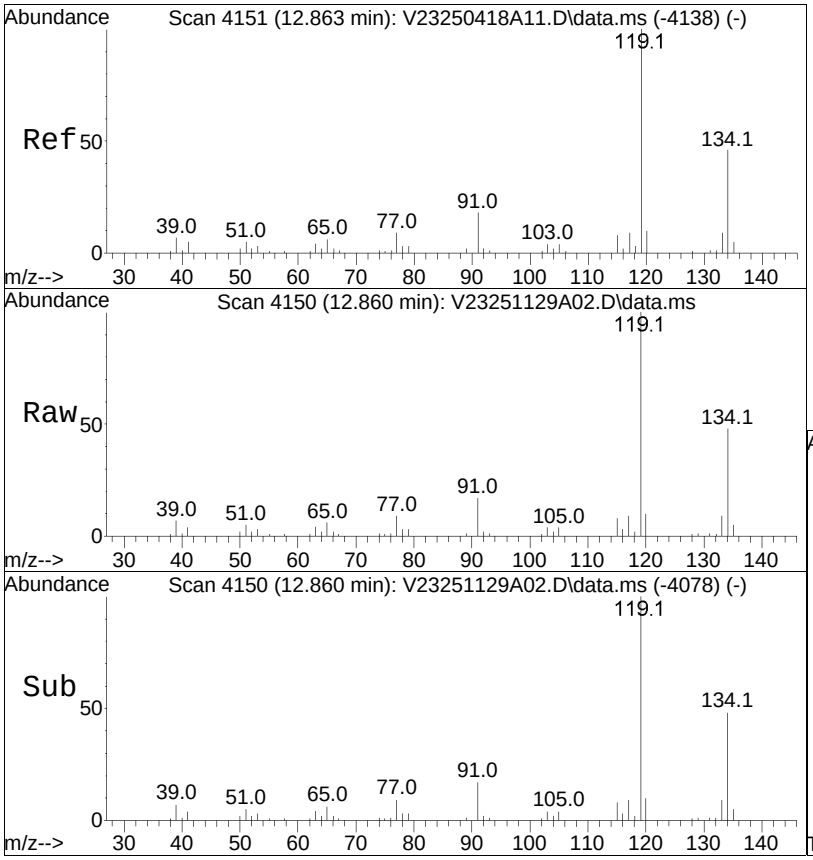


#104
1,2-Dichlorobenzene
Concen: 43.73 ug/L
RT: 12.249 min Scan# 3931
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:146 Resp: 270004

Ion	Ratio	Lower	Upper
146	100		
111	39.7	26.8	55.8
148	63.1	41.3	85.7

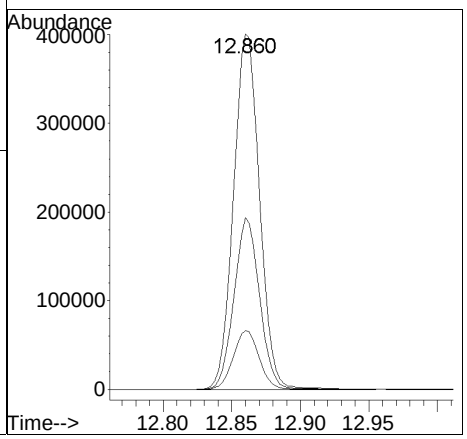


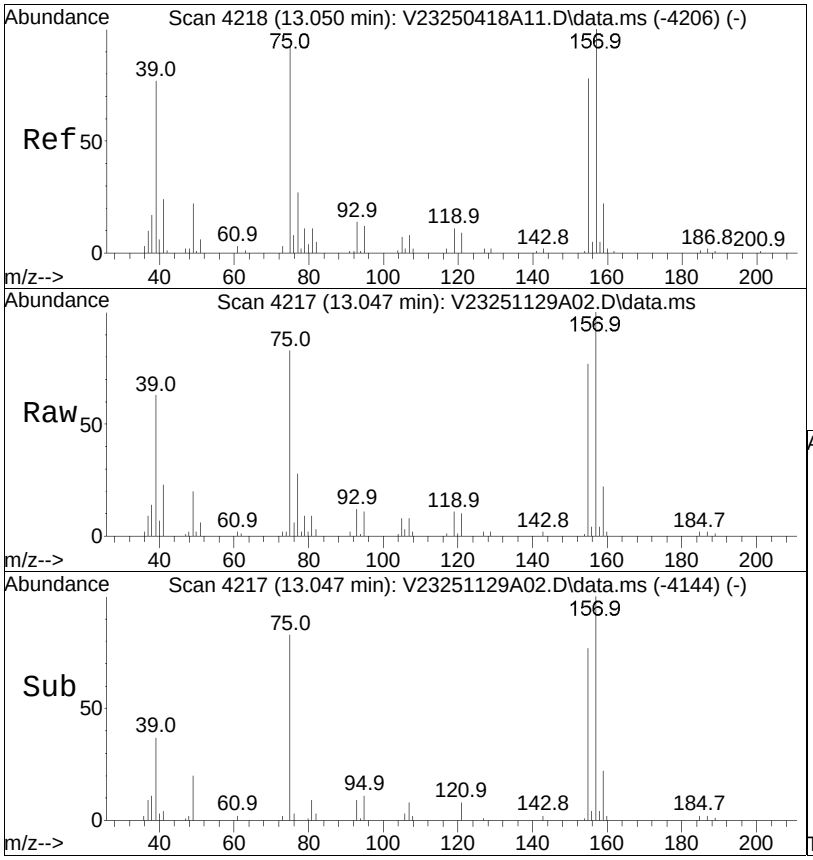


#105
1,2,4,5-Tetramethylbenzene
Concen: 44.59 ug/L
RT: 12.860 min Scan# 4150
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:119 Resp: 529605

Ion	Ratio	Lower	Upper
119	100		
134	47.4	31.3	64.9
91	16.5	10.3	21.3

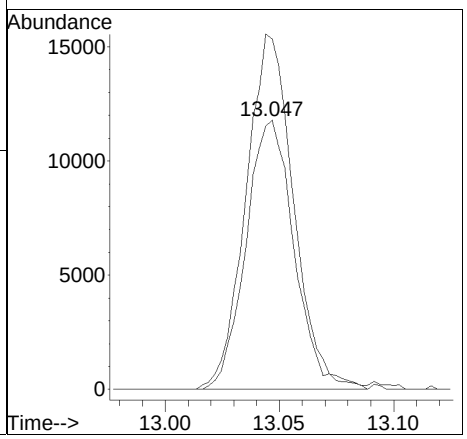


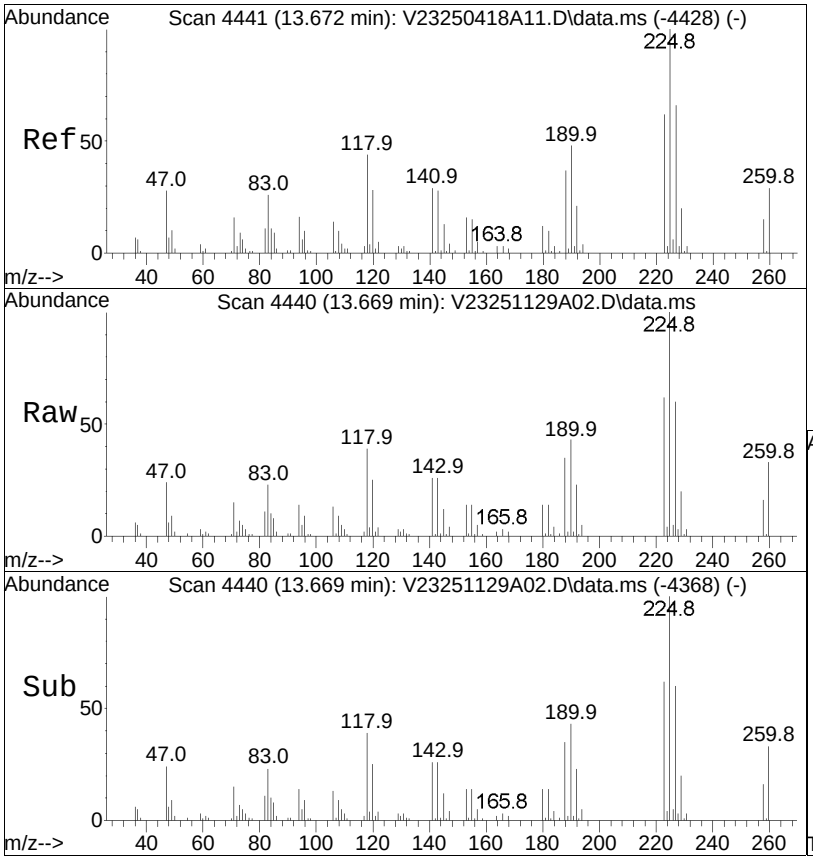


#106
1,2-Dibromo-3-chloropropane
Concen: 39.63 ug/L
RT: 13.047 min Scan# 4217
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:155 Resp: 17245

Ion	Ratio	Lower	Upper
155	100		
157	130.9	101.5	152.3

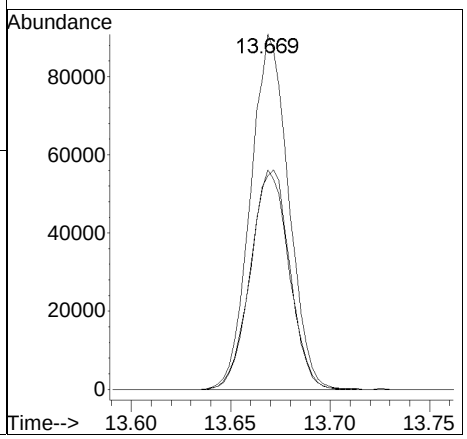


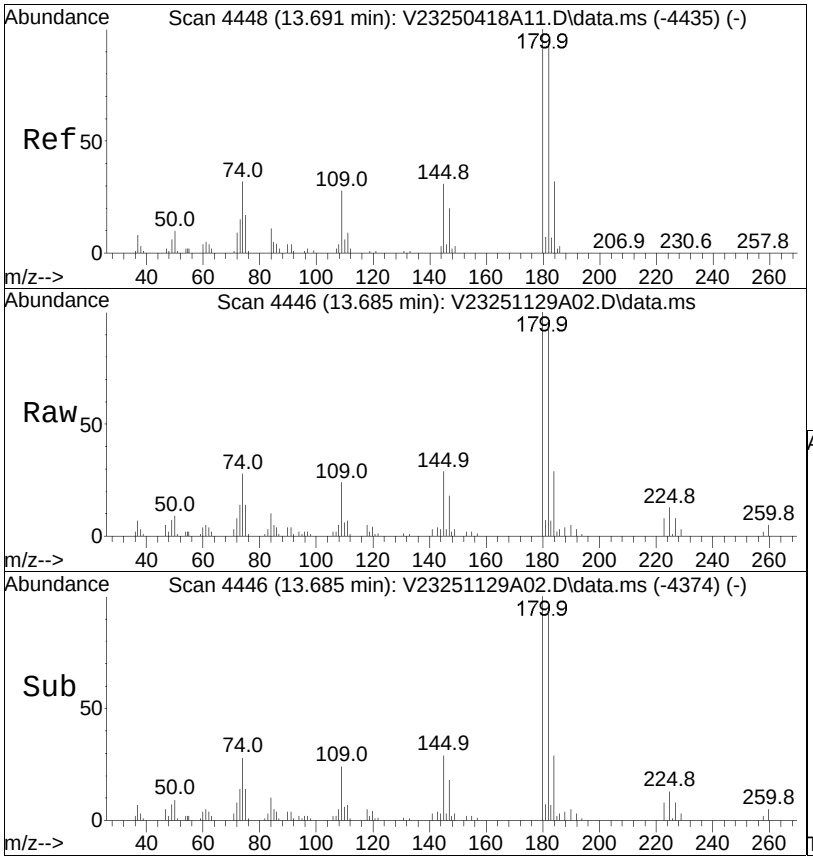


#108
Hexachlorobutadiene
Concen: 47.92 ug/L
RT: 13.669 min Scan# 4440
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:225 Resp: 121042

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.9	74.9
227	63.8	50.7	76.1

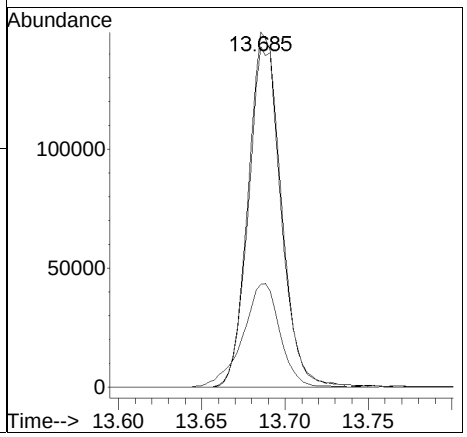


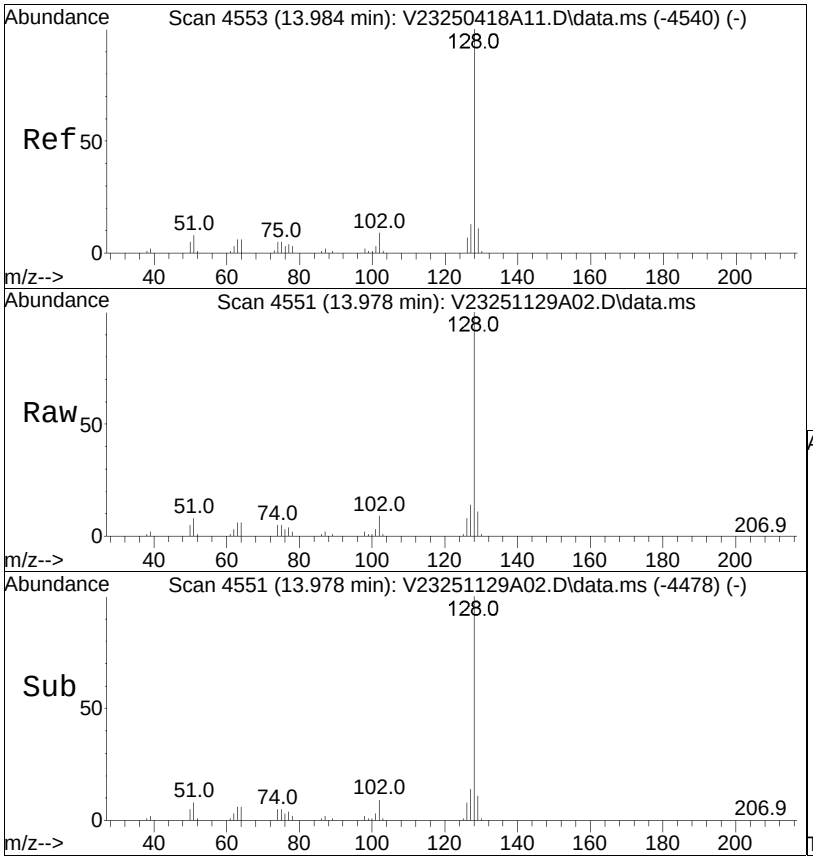


#109
1,2,4-Trichlorobenzene
Concen: 46.24 ug/L
RT: 13.685 min Scan# 4446
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:180 Resp: 205720

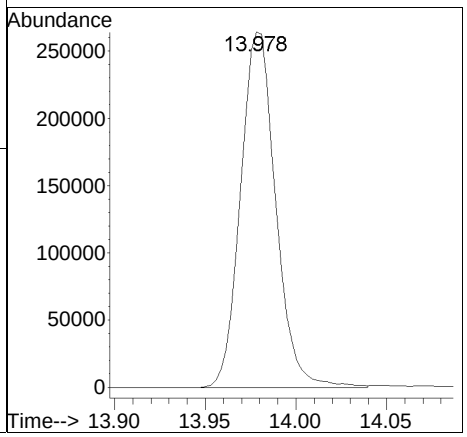
Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.4
145	33.2	27.4	41.2

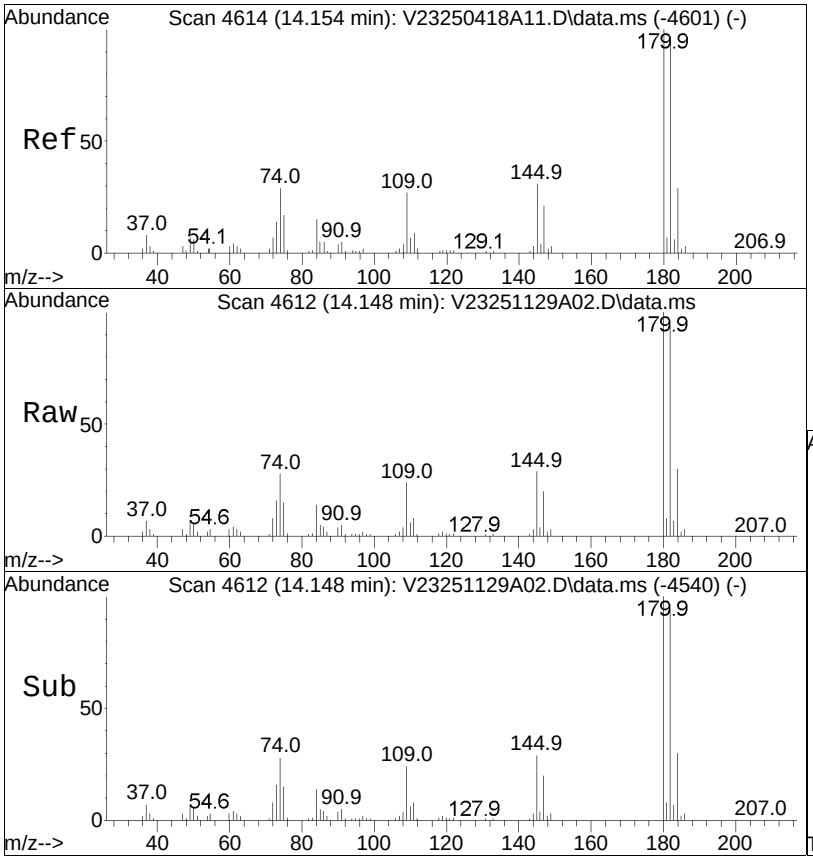




#110
Naphthalene
Concen: 41.87 ug/L
RT: 13.978 min Scan# 4551
Delta R.T. 0.003 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:128 Resp: 357056

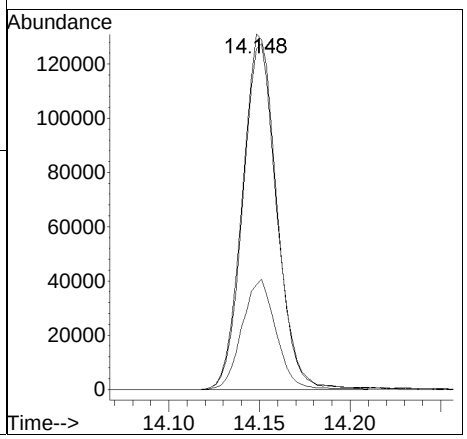




#111
1,2,3-Trichlorobenzene
Concen: 45.45 ug/L
RT: 14.148 min Scan# 4612
Delta R.T. -0.000 min
Lab File: V23251129A02.D
Acq: 29 Nov 2025 10:17 am

Tgt Ion:180 Resp: 173164

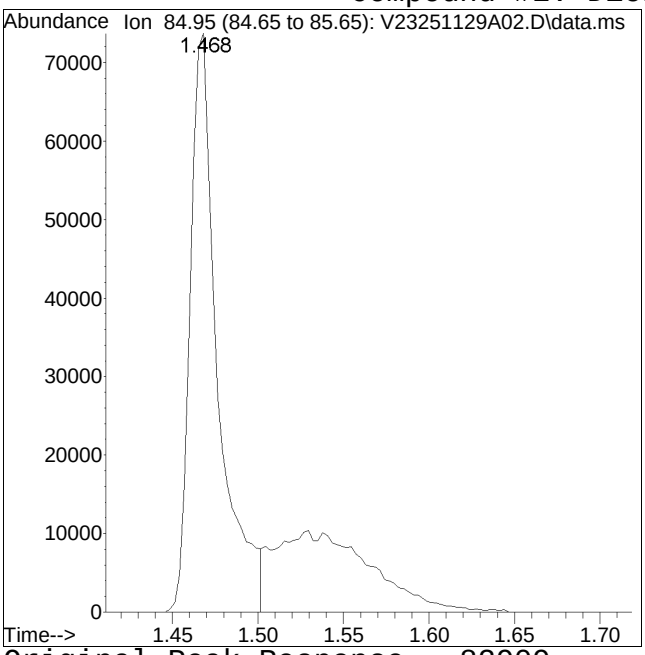
Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.4	113.0
145	30.4	25.2	37.8



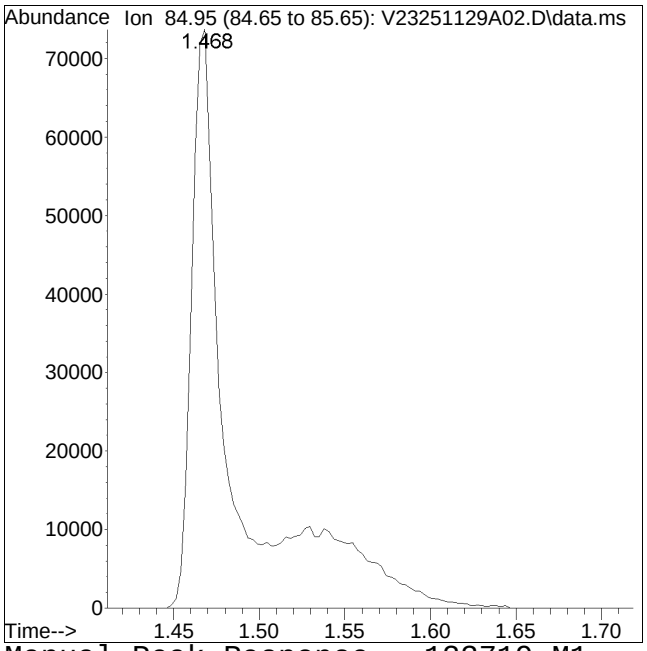
Manual Integration Report

Data Path	: K:\VOA123\2025\251129A\	QMethod	: V123_251103N_8260.m
Data File	: V23251129A02.D	Operator	: VOA123:MNF
Date Inj'd	: 11/29/2025 10:17 am	Instrument	: VOA123
Sample	: WG2148015-3,31,5,5	Quant Date	: 11/29/2025 10:42 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 82909



Manual Peak Response = 123719 M1

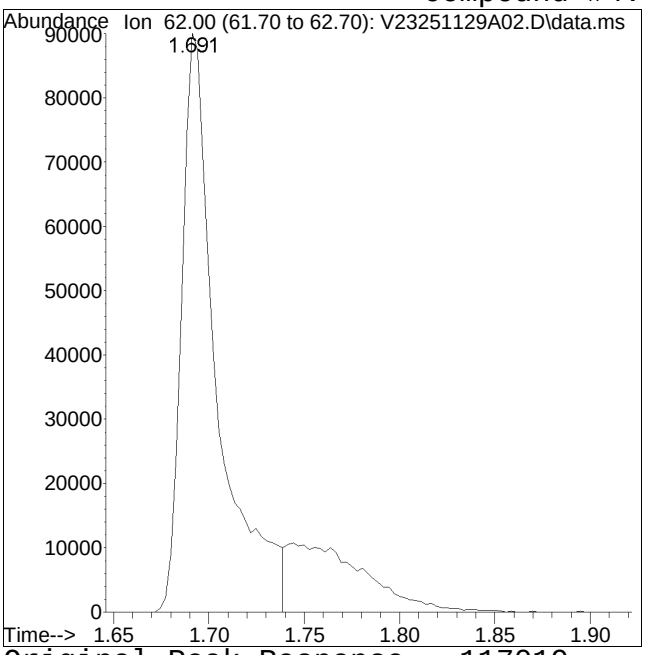
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

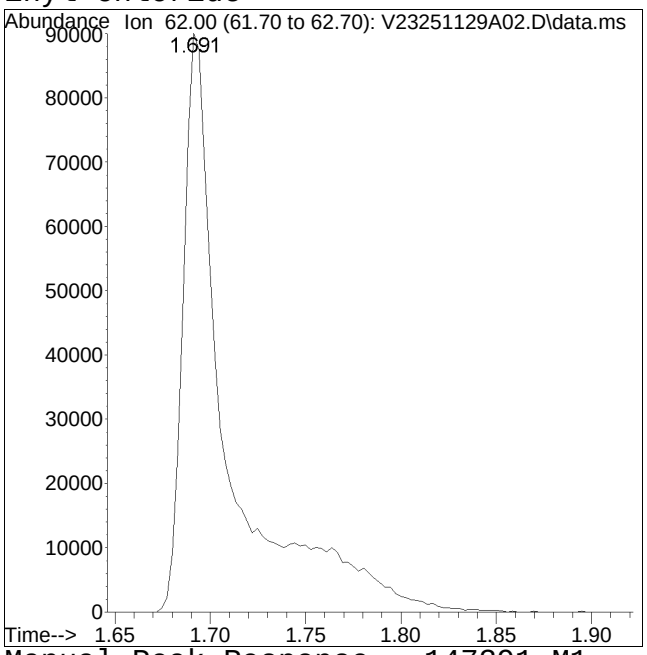
Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Date Inj'd : 11/29/2025 10:17 am
Sample : WG2148015-3,31,5,5

QMethod : V123_251103N_8260.m
Operator : VOA123:MNF
Instrument : VOA123
Quant Date : 11/29/2025 10:42 am

Compound #4: Vinyl chloride



Original Peak Response = 117019



Manual Peak Response = 147391 M1

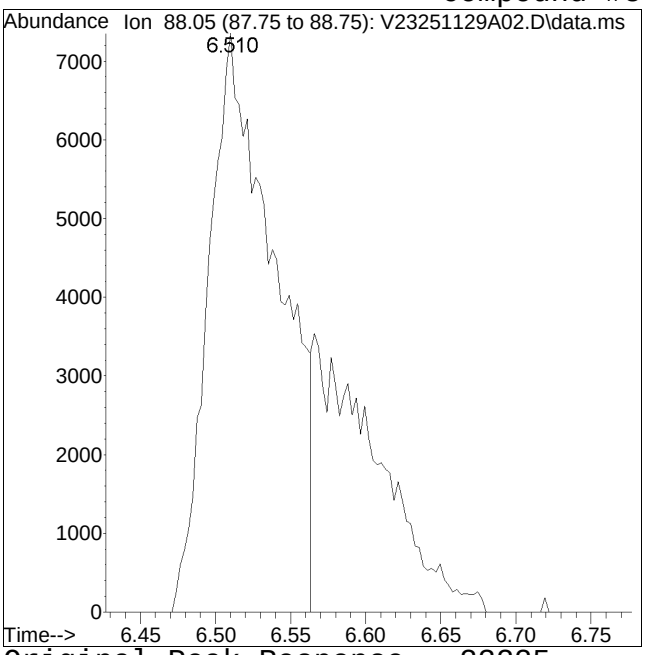
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

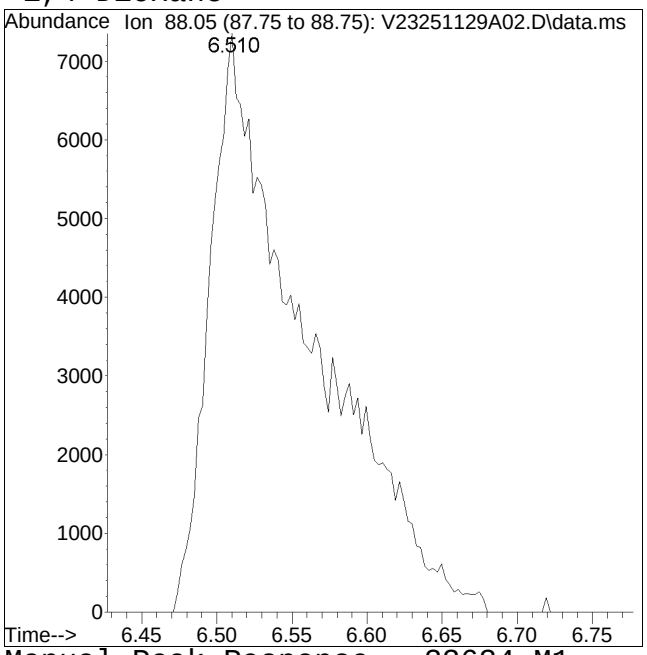
Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A02.D
Date Inj'd : 11/29/2025 10:17 am
Sample : WG2148015-3,31,5,5

QMethod : V123_251103N_8260.m
Operator : VOA123:MNF
Instrument : VOA123
Quant Date : 11/29/2025 10:42 am

Compound #57: 1,4-Dioxane



Original Peak Response = 23225



Manual Peak Response = 33634 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A02.D
Acq On : 30 Nov 2025 05:05 pm
Operator : VOA123:RAW
Sample : WG2147797-4,31,5,5
Misc : WG2147797,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 30 17:38:58 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.520	96	209488	20.000	ug/L	0.00
Standard Area 1 = 217255			Recovery = 96.42%			
59) Chlorobenzene-d5	8.989	117	154971	20.000	ug/L	0.00
Standard Area 1 = 158239			Recovery = 97.93%			
79) 1,4-Dichlorobenzene-d4	11.800	152	85831	20.000	ug/L	0.00
Standard Area 1 = 88479			Recovery = 97.01%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.731	113	52399	19.857	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.28%			
43) 1,2-Dichloroethane-d4	5.239	65	50333	18.635	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.18%			
60) Toluene-d8	7.174	98	199467	19.033	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.17%			
83) 4-Bromofluorobenzene	10.537	95	73332	19.110	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.55%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	110107M1	47.719	ug/L	
3) Chloromethane	1.664	50	113439	45.201	ug/L	98
4) Vinyl chloride	1.691	62	133554M1	49.027	ug/L	
5) Bromomethane	1.962	94	107351	61.611	ug/L	100
6) Chloroethane	2.071	64	94646	50.131	ug/L	96
7) Trichlorofluoromethane	2.191	101	197275	47.877	ug/L	96
8) Ethyl ether	2.450	74	59169	42.944	ug/L	89
10) 1,1-Dichloroethene	2.628	96	97367	44.664	ug/L	91
11) Carbon disulfide	2.656	76	337268	41.995	ug/L	97
15) Methylene chloride	3.133	84	116296	41.095	ug/L	91
17) Acetone	3.169	43	33100	49.689	ug/L	94
18) trans-1,2-Dichloroethene	3.275	96	112537	44.158	ug/L	96
20) Methyl tert-butyl ether	3.365	73	303421	41.751	ug/L	95
23) 1,1-Dichloroethane	3.819	63	206294	44.019	ug/L	99
25) Acrylonitrile	3.864	53	23736	42.022	ug/L #	88
27) Vinyl acetate	4.042	43	221841	40.931	ug/L	95
28) cis-1,2-Dichloroethene	4.313	96	123923	42.428	ug/L	95
29) 2,2-Dichloropropane	4.408	77	175199	45.422	ug/L	91
30) Bromochloromethane	4.497	128	56414	43.249	ug/L	96
32) Chloroform	4.564	83	210449	36.715	ug/L	97

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A02.D
Acq On : 30 Nov 2025 05:05 pm
Operator : VOA123:RAW
Sample : WG2147797-4,31,5,5
Misc : WG2147797,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 30 17:38:58 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	4.695	117	164262	44.234	ug/L		100
37) 1,1,1-Trichloroethane	4.756	97	183696	46.354	ug/L		97
39) 2-Butanone	4.851	43	28629	35.984	ug/L	#	78
40) 1,1-Dichloropropene	4.876	75	150315	48.719	ug/L		99
41) Benzene	5.110	78	435571	44.602	ug/L		97
44) 1,2-Dichloroethane	5.306	62	150997	42.388	ug/L		99
48) Trichloroethene	5.693	95	122221	45.594	ug/L		99
50) Dibromomethane	6.114	93	66507	41.756	ug/L		98
51) 1,2-Dichloropropane	6.217	63	114689	42.663	ug/L		99
54) Bromodichloromethane	6.293	83	161577	42.808	ug/L		99
57) 1,4-Dioxane	6.510	88	39159	2511.971	ug/L		97
58) cis-1,3-Dichloropropene	6.970	75	181511	43.711	ug/L		92
61) Toluene	7.233	92	283131	42.977	ug/L		100
62) 4-Methyl-2-pentanone	7.662	58	29213	41.649	ug/L		90
63) Tetrachloroethene	7.673	166	134064	47.308	ug/L		98
65) trans-1,3-Dichloropropene	7.709	75	154105	41.529	ug/L		100
68) 1,1,2-Trichloroethane	7.888	83	77719	41.075	ug/L		100
69) Chlorodibromomethane	8.094	129	117794	43.336	ug/L		98
70) 1,3-Dichloropropane	8.209	76	155514	41.628	ug/L		100
71) 1,2-Dibromoethane	8.359	107	91948	43.779	ug/L		99
72) 2-Hexanone	8.666	43	43007	34.159	ug/L		94
73) Chlorobenzene	9.012	112	324688	43.127	ug/L	#	86
74) Ethylbenzene	9.054	91	553636	42.453	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.095	131	120014	43.627	ug/L		99
76) p/m Xylene	9.240	106	434206	89.050	ug/L		100
77) o Xylene	9.781	106	422317	85.819	ug/L		98
78) Styrene	9.854	104	707885	85.370	ug/L		99
80) Bromoform	9.868	173	76243	40.923	ug/L		99
82) Isopropylbenzene	10.197	105	567200	44.084	ug/L		99
84) Bromobenzene	10.649	156	145445	41.934	ug/L		100
85) n-Propylbenzene	10.707	91	669864	43.735	ug/L		99
87) 1,1,2,2-Tetrachloroethane	10.799	83	114617	40.481	ug/L		100
88) 4-Ethyltoluene	10.841	105	565561	44.372	ug/L		99
89) 2-Chlorotoluene	10.877	91	401741M6	42.006	ug/L		
90) 1,3,5-Trimethylbenzene	10.947	105	486891	43.063	ug/L		99
91) 1,2,3-Trichloropropane	10.942	75	87614	39.142	ug/L		97
92) trans-1,4-Dichloro-2-b...	11.003	53	31796M4	40.196	ug/L		
93) 4-Chlorotoluene	11.070	91	406779	41.851	ug/L		98
94) tert-Butylbenzene	11.301	119	414917	43.829	ug/L		99

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A02.D
Acq On : 30 Nov 2025 05:05 pm
Operator : VOA123:RAW
Sample : WG2147797-4,31,5,5
Misc : WG2147797,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 30 17:38:58 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	11.385	105	480295	42.739	ug/L	100
98)	sec-Butylbenzene	11.499	105	628135	44.354	ug/L	99
99)	p-Isopropyltoluene	11.661	119	546365	44.546	ug/L	99
100)	1,3-Dichlorobenzene	11.720	146	285296	43.507	ug/L	99
101)	1,4-Dichlorobenzene	11.817	146	288259	42.906	ug/L	99
102)	p-Diethylbenzene	12.046	119	330607	45.527	ug/L	99
103)	n-Butylbenzene	12.107	91	517926	47.074	ug/L	98
104)	1,2-Dichlorobenzene	12.249	146	263950	42.942	ug/L	99
105)	1,2,4,5-Tetramethylben...	12.860	119	522484	44.187	ug/L	99
106)	1,2-Dibromo-3-chloropr...	13.044	155	17113	39.504	ug/L	100
108)	Hexachlorobutadiene	13.672	225	118481	47.116	ug/L	100
109)	1,2,4-Trichlorobenzene	13.686	180	201645	45.522	ug/L	100
110)	Naphthalene	13.978	128	357504	42.112	ug/L	100
111)	1,2,3-Trichlorobenzene	14.148	180	168707	44.479	ug/L	98

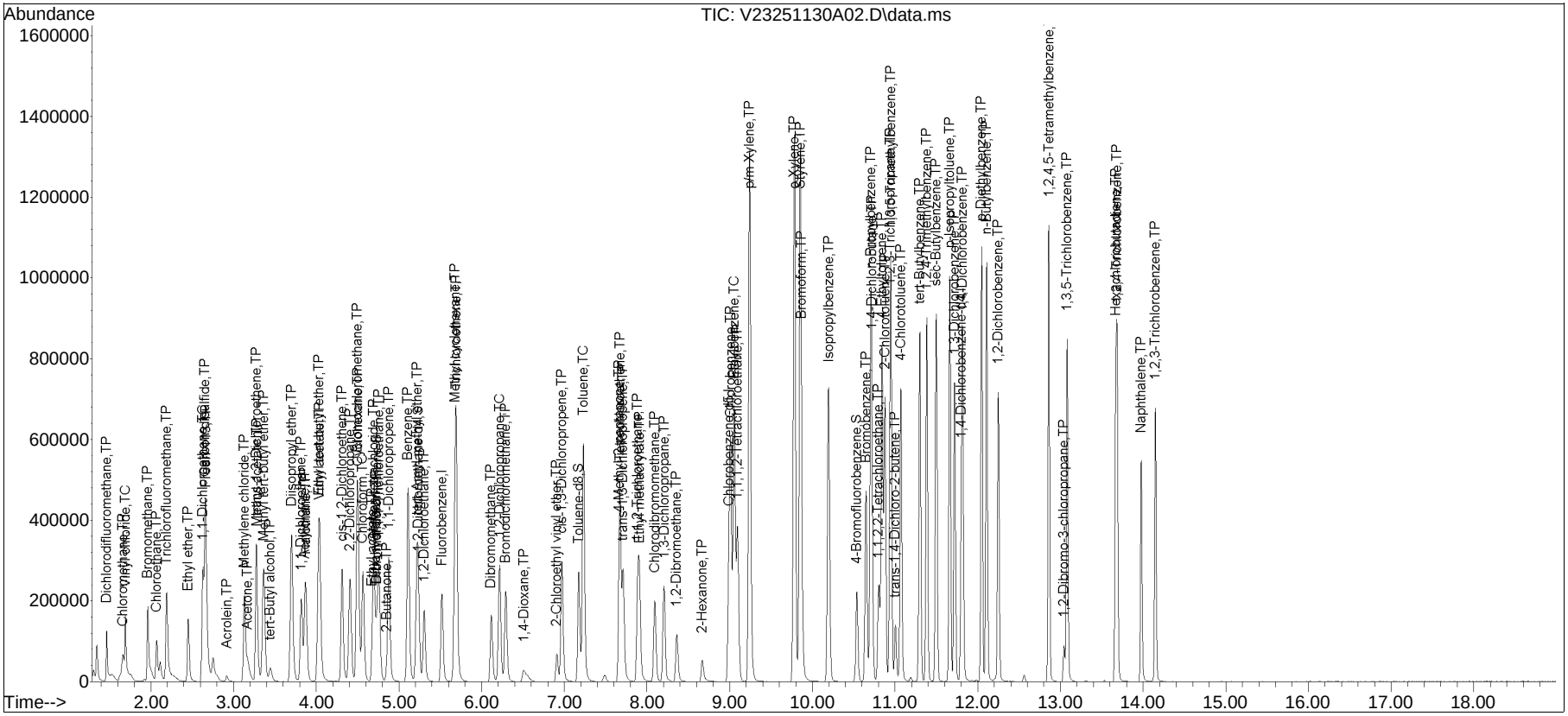
(#) = qualifier out of range (m) = manual integration (+) = signals summed

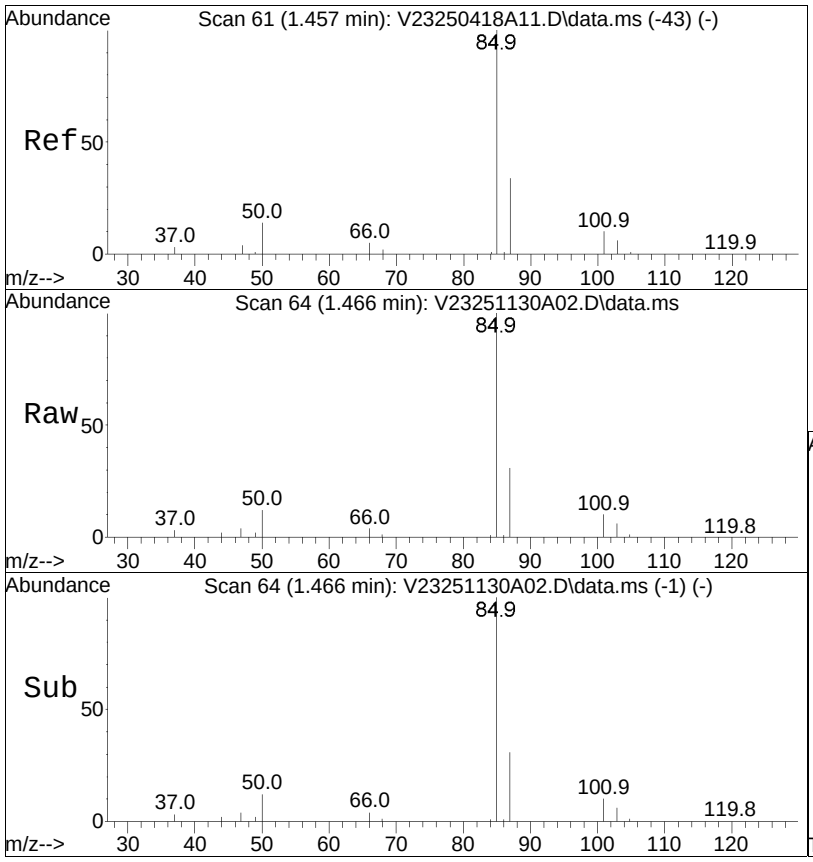
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A02.D
Acq On : 30 Nov 2025 05:05 pm
Operator : VOA123:RAW
Sample : WG2147797-4,31,5,5
Misc : WG2147797,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 30 17:38:58 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox30A01.D•

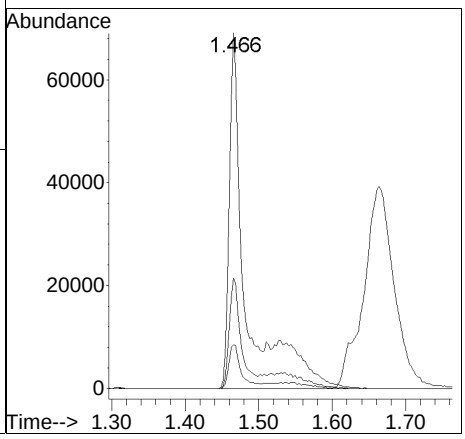


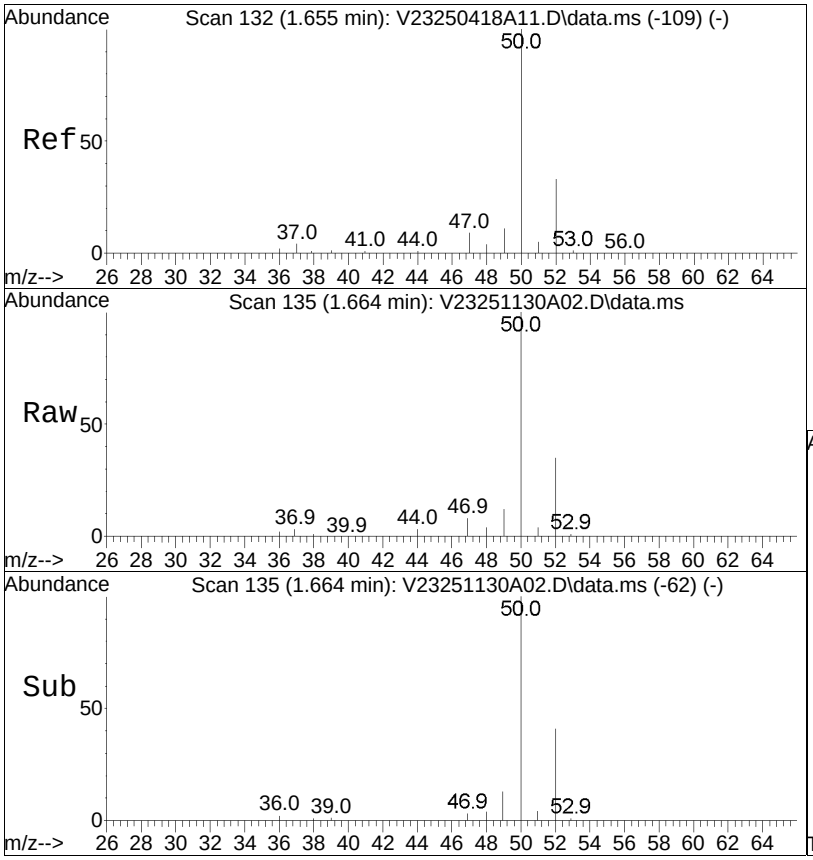


#2
Dichlorodifluoromethane
Concen: 47.72 ug/L M1
RT: 1.466 min Scan# 64
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 85 Resp: 110107

Ion	Ratio	Lower	Upper
85	100		
87	21.8	21.1	43.7
50	8.9	7.3	15.3

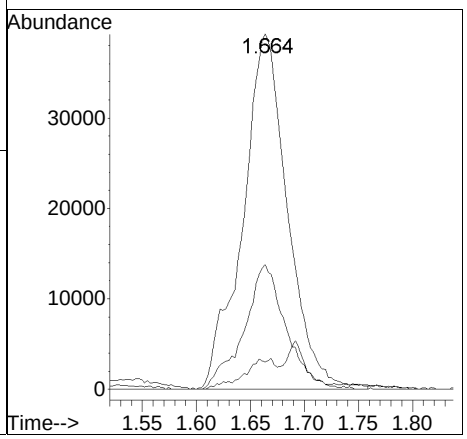


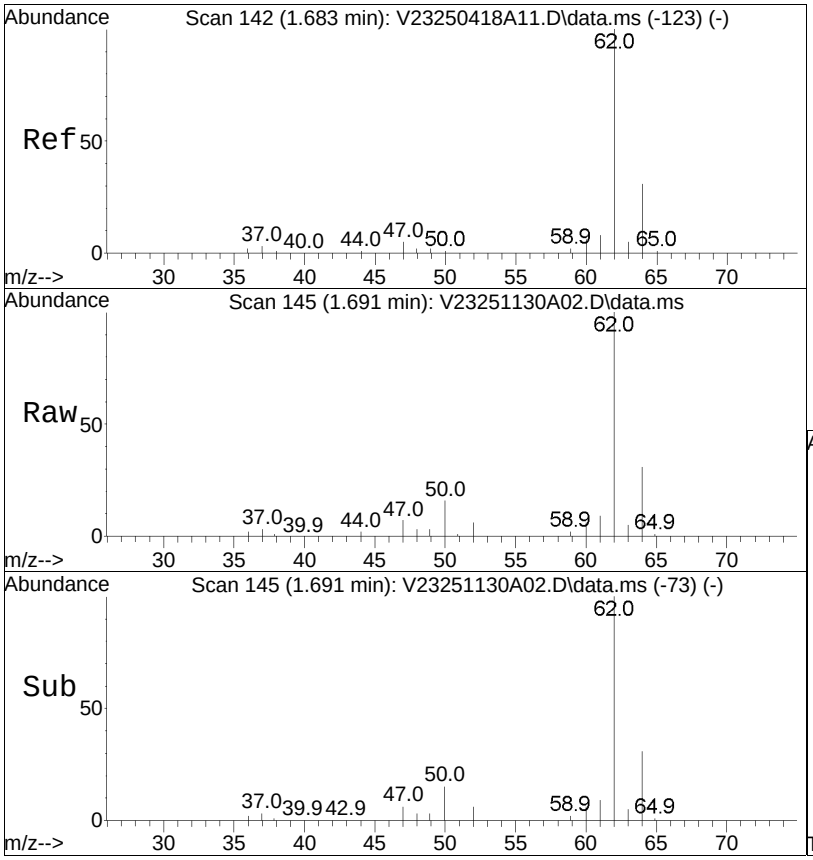


#3
Chloromethane
Concen: 45.20 ug/L
RT: 1.664 min Scan# 135
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 50 Resp: 113439

Ion	Ratio	Lower	Upper
50	100		
52	32.9	12.7	52.7
47	4.4	0.0	28.1

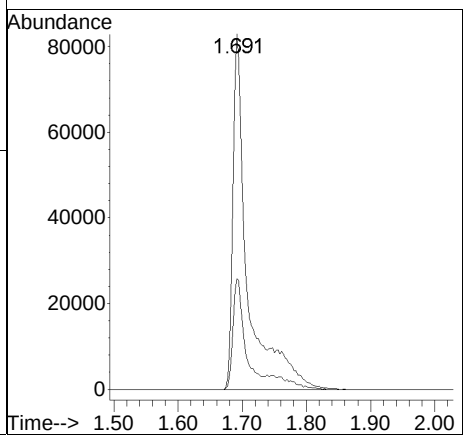


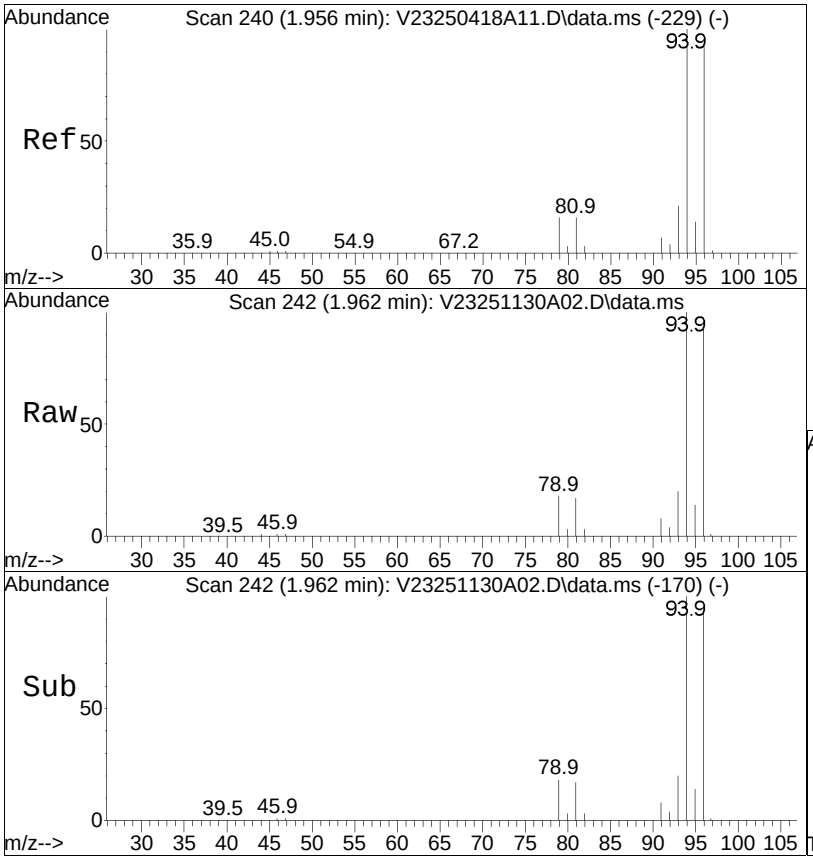


#4
Vinyl chloride
Concen: 49.03 ug/L M1
RT: 1.691 min Scan# 145
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 62 Resp: 133554

Ion	Ratio	Lower	Upper
62	100		
64	24.9	12.0	52.0

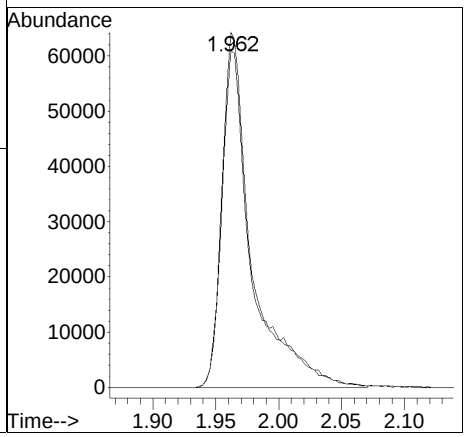


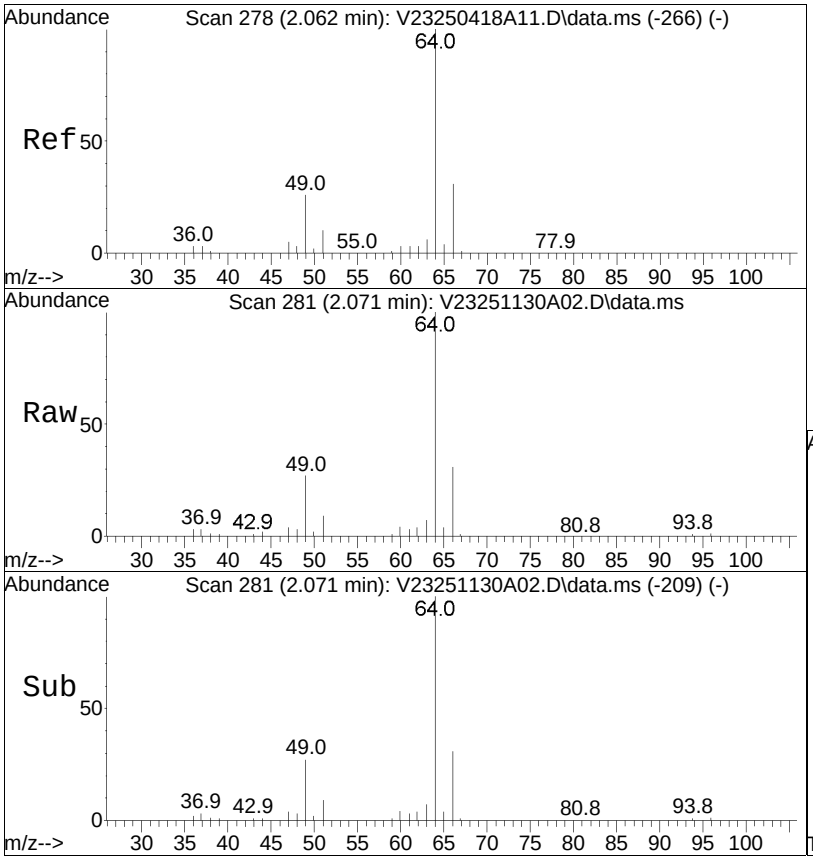


#5
Bromomethane
Concen: 61.61 ug/L
RT: 1.962 min Scan# 242
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 94 Resp: 107351

Ion	Ratio	Lower	Upper
94	100		
96	94.3	74.6	114.6

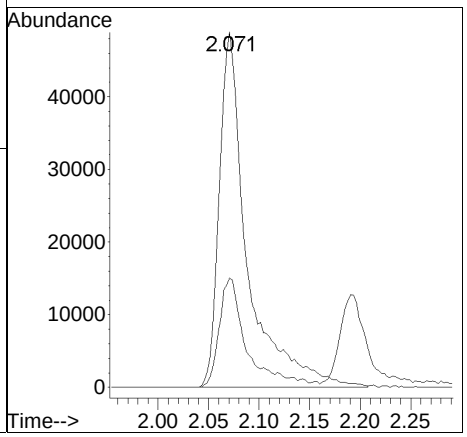


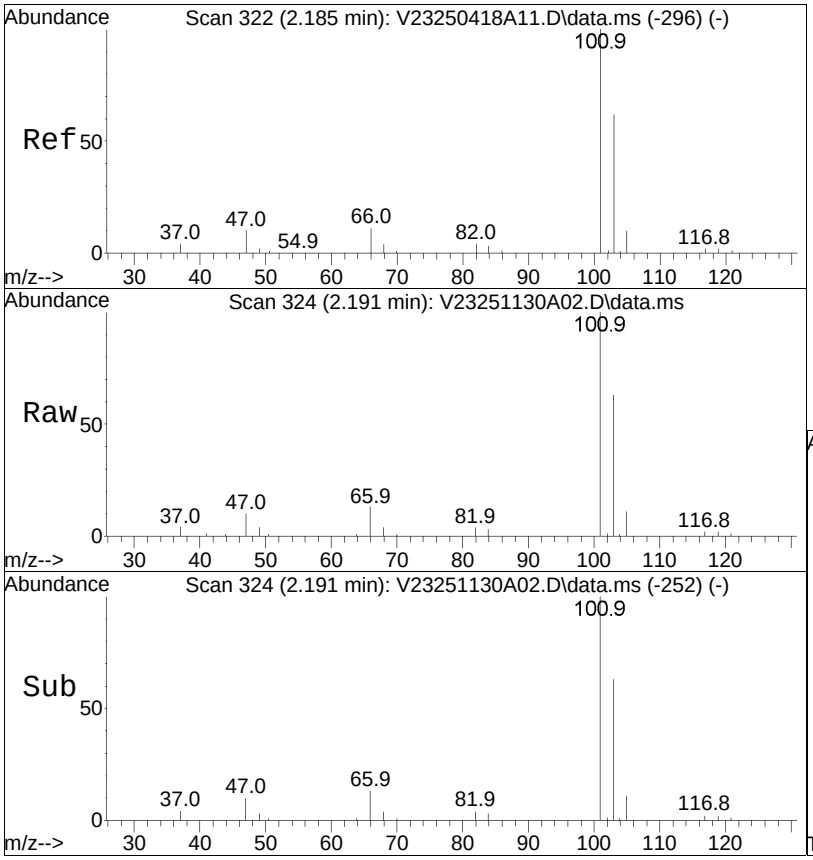


#6
Chloroethane
Concen: 50.13 ug/L
RT: 2.071 min Scan# 281
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 64 Resp: 94646

Ion	Ratio	Lower	Upper
64	100		
66	30.3	12.6	52.6

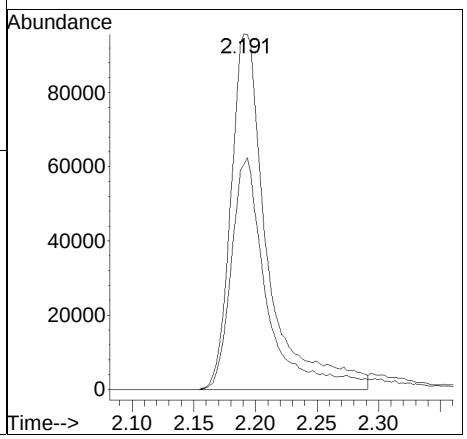


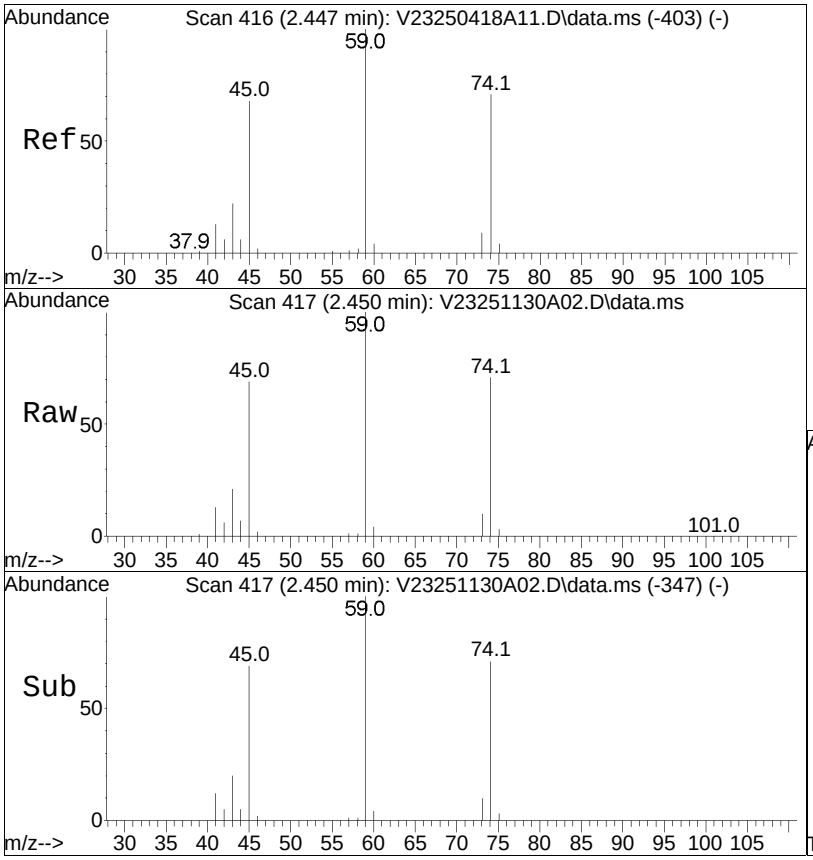


#7
Trichlorofluoromethane
Concen: 47.88 ug/L
RT: 2.191 min Scan# 324
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:101 Resp: 197275

Ion	Ratio	Lower	Upper
101	100		
103	61.3	51.4	77.2

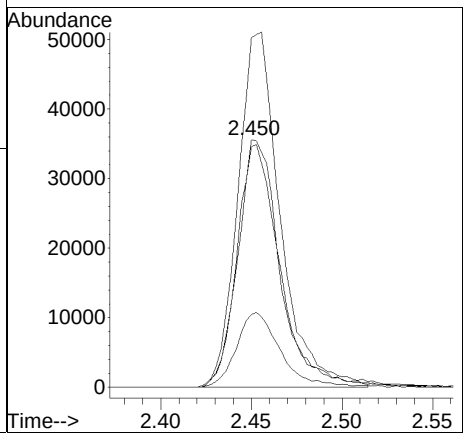


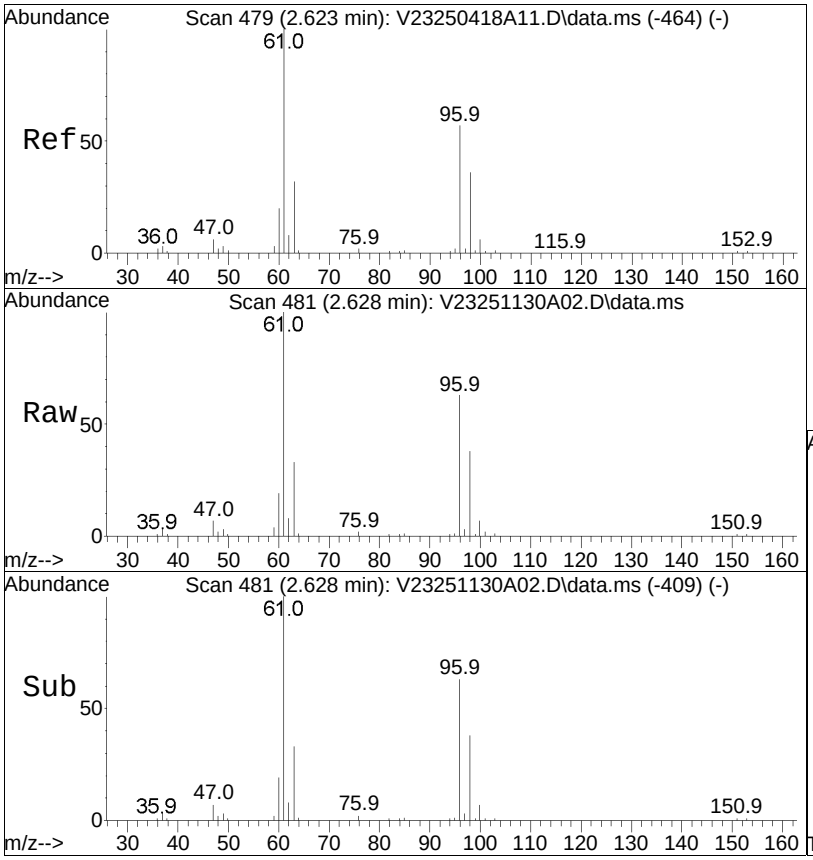


#8
Ethyl ether
Concen: 42.94 ug/L
RT: 2.450 min Scan# 417
Delta R.T. -0.006 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 74 Resp: 59169

Ion	Ratio	Lower	Upper
74	100		
59	142.3	84.3	175.1
45	95.5	55.4	115.2
43	30.6	15.9	32.9

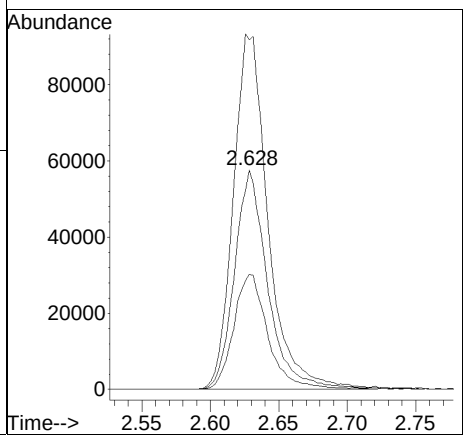


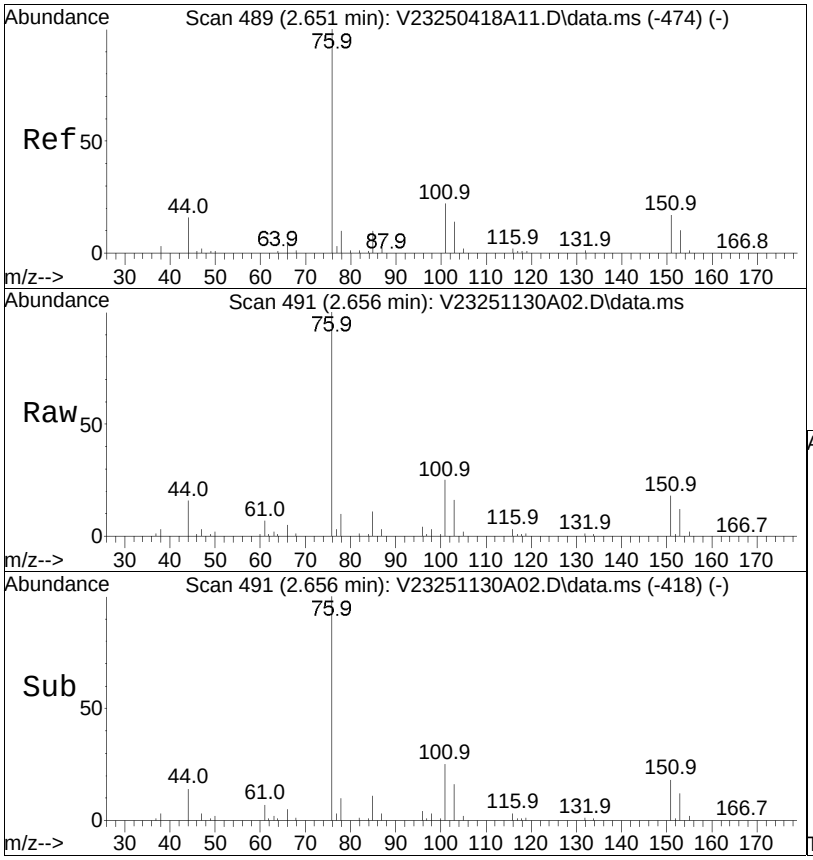


#10
1,1-Dichloroethene
Concen: 44.66 ug/L
RT: 2.628 min Scan# 481
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 96 Resp: 97367

Ion	Ratio	Lower	Upper
96	100		
61	169.1	124.5	186.7
63	54.0	40.7	61.1

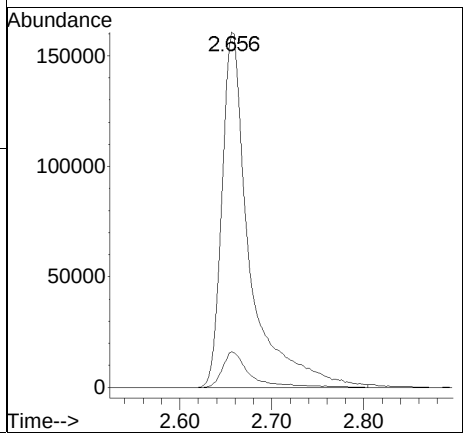


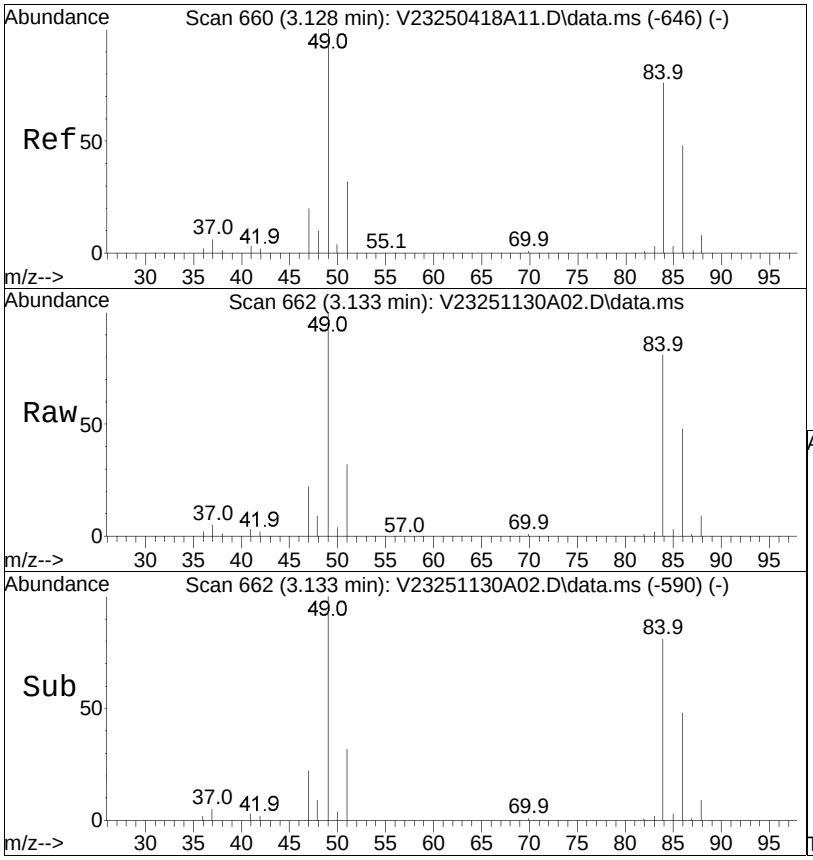


#11
Carbon disulfide
Concen: 41.99 ug/L
RT: 2.656 min Scan# 491
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 76 Resp: 337268

Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.7	13.9

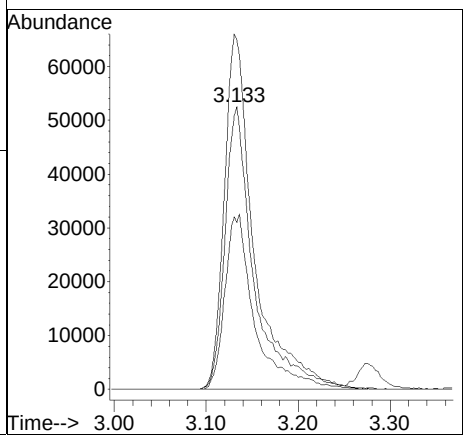


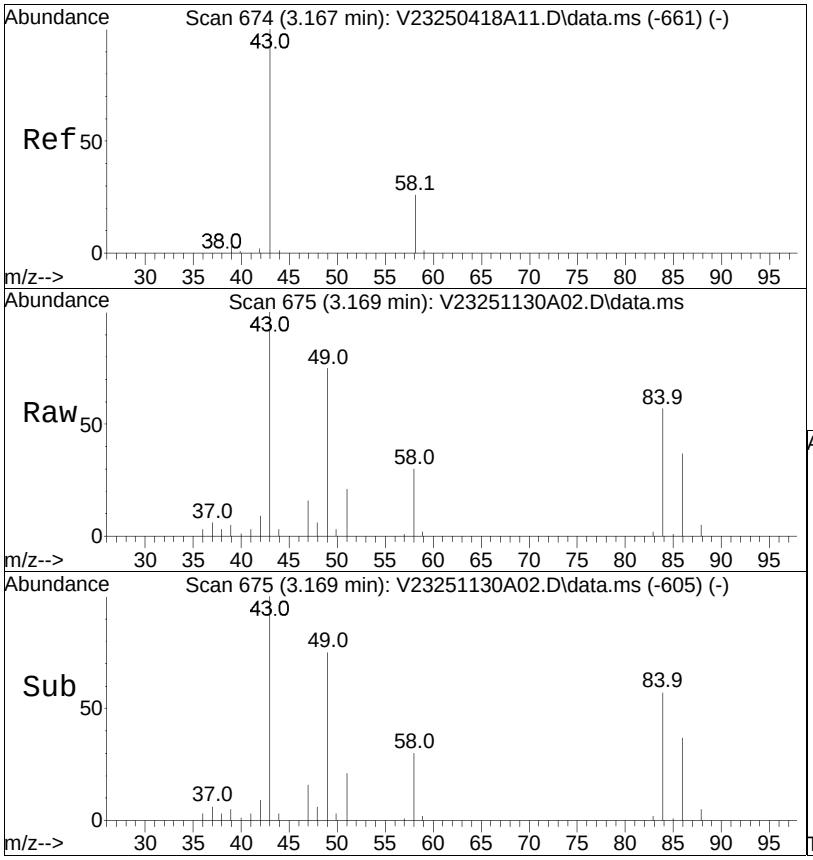


#15
Methylene chloride
Concen: 41.10 ug/L
RT: 3.133 min Scan# 662
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 84 Resp: 116296

Ion	Ratio	Lower	Upper
84	100		
86	63.6	42.0	87.2
49	128.5	74.0	153.6

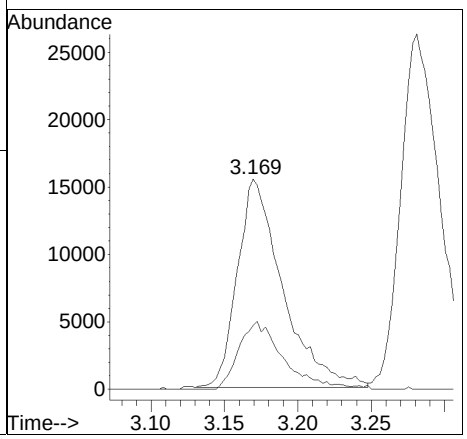


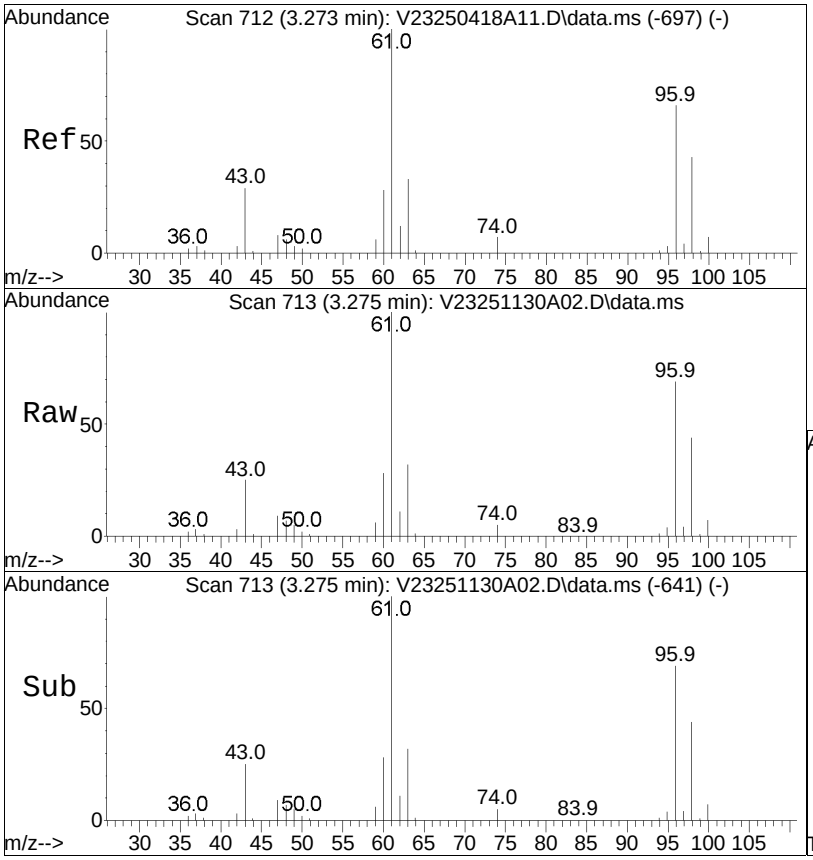


#17
Acetone
Concen: 49.69 ug/L
RT: 3.169 min Scan# 675
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 43 Resp: 33100

Ion	Ratio	Lower	Upper
43	100		
58	32.0	28.2	42.4

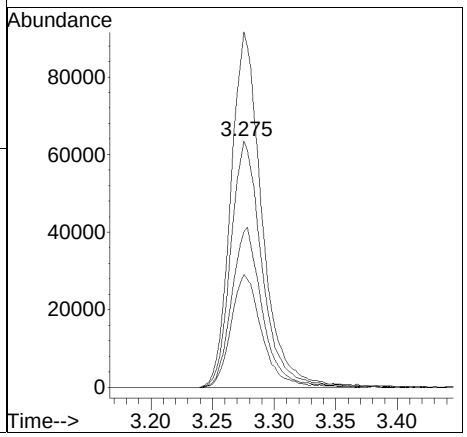


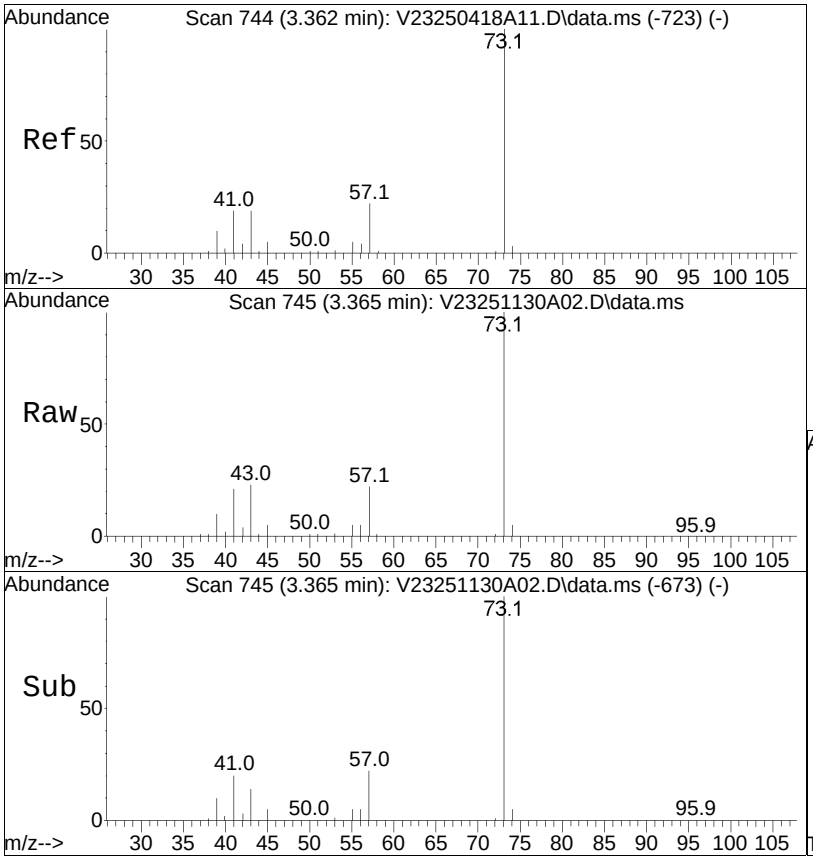


#18
trans-1,2-Dichloroethene
Concen: 44.16 ug/L
RT: 3.275 min Scan# 713
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 96 Resp: 112537

Ion	Ratio	Lower	Upper
96	100		
61	142.4	87.3	181.3
98	63.6	41.1	85.5
63	45.1	28.3	58.7

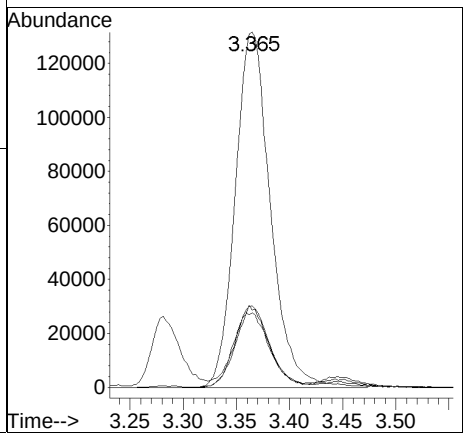


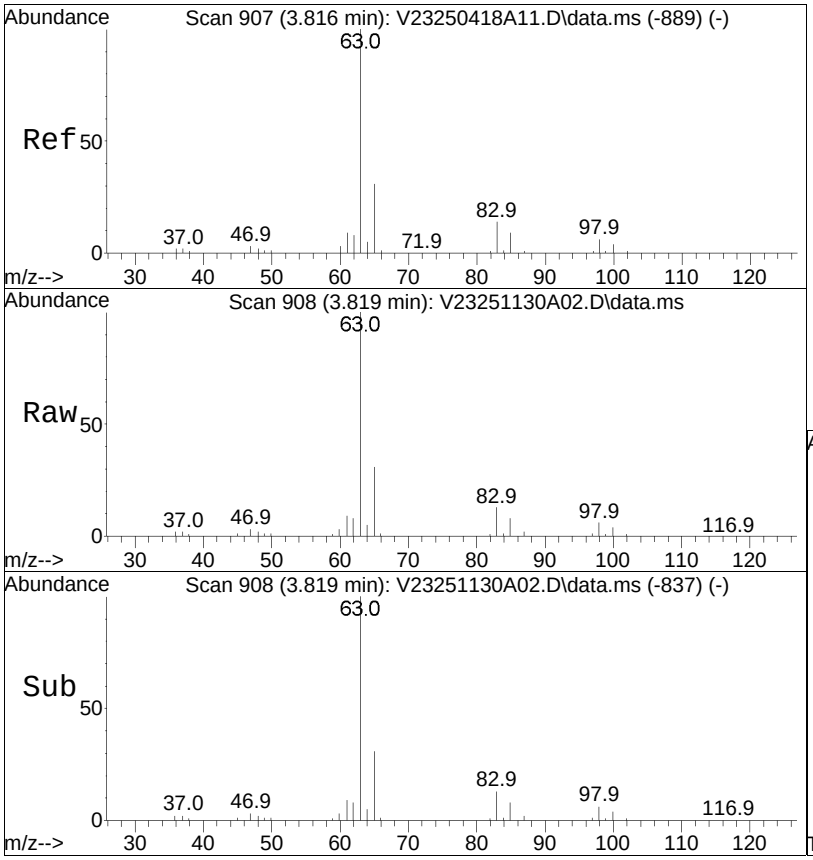


#20
Methyl tert-butyl ether
Concen: 41.75 ug/L
RT: 3.365 min Scan# 745
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 73 Resp: 303421

Ion	Ratio	Lower	Upper
73	100		
57	22.5	14.2	29.4
43	22.6	12.4	25.7
41	21.1	11.6	24.0

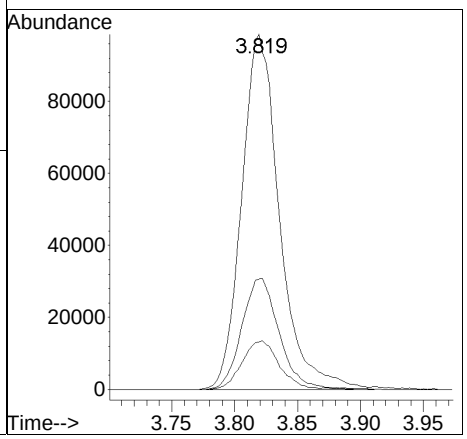


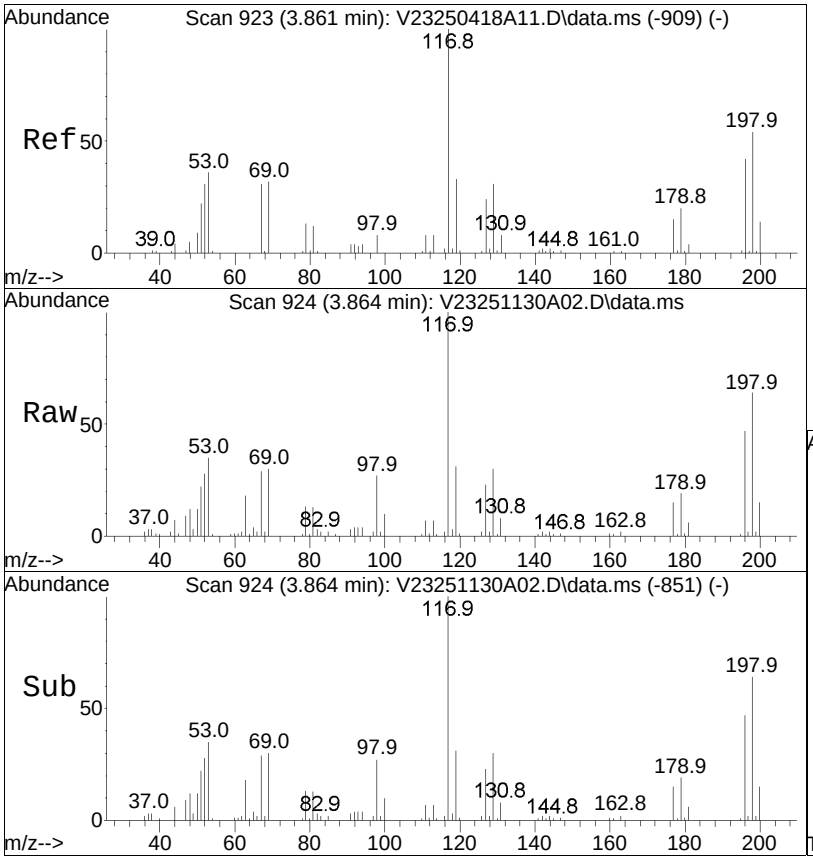


#23
1,1-Dichloroethane
Concen: 44.02 ug/L
RT: 3.819 min Scan# 908
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 63 Resp: 206294

Ion	Ratio	Lower	Upper
63	100		
65	30.8	11.1	51.1
83	13.4	0.0	33.3

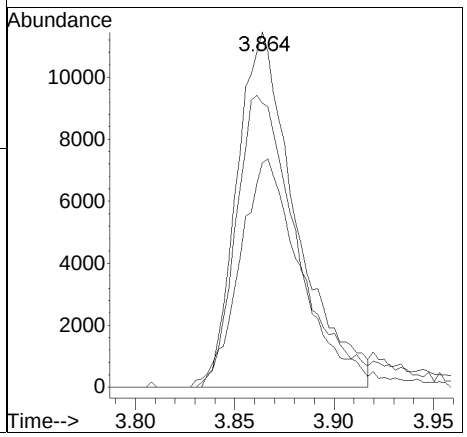


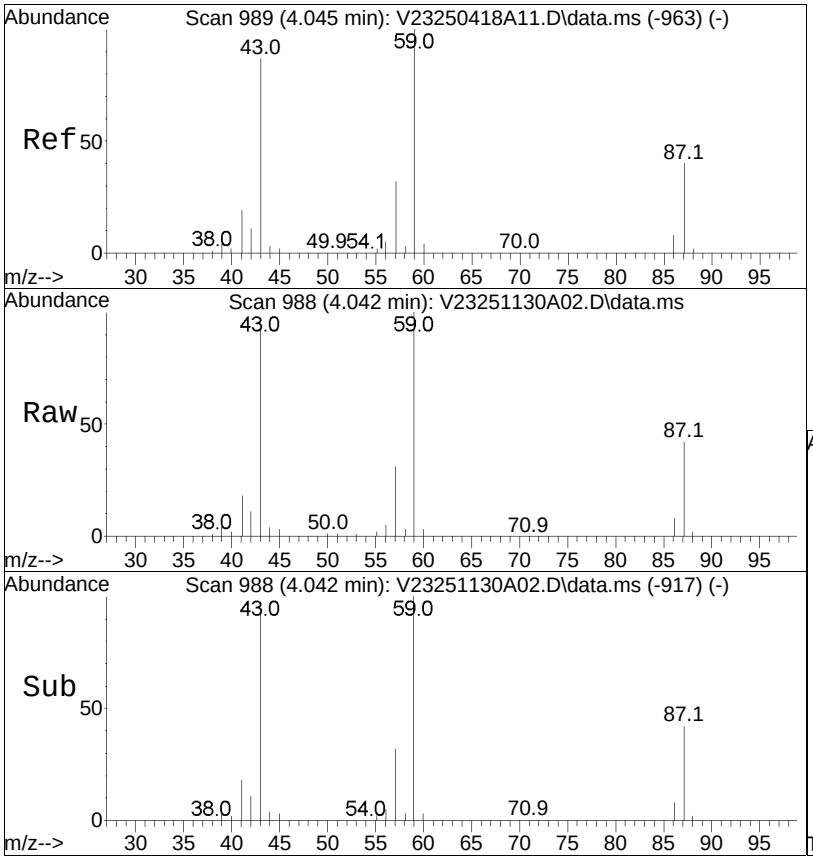


#25
Acrylonitrile
Concen: 42.02 ug/L
RT: 3.864 min Scan# 924
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 53 Resp: 23736

Ion	Ratio	Lower	Upper
53	100		
52	84.6	67.1	100.7
51	68.9	38.5	57.7#

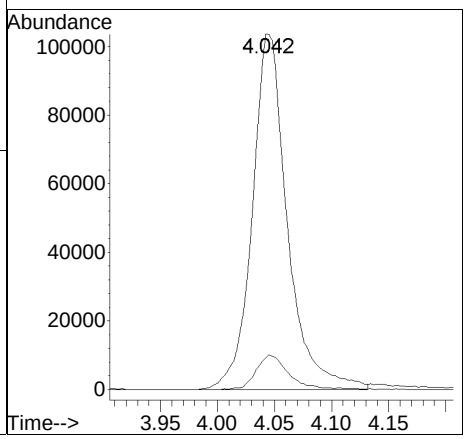


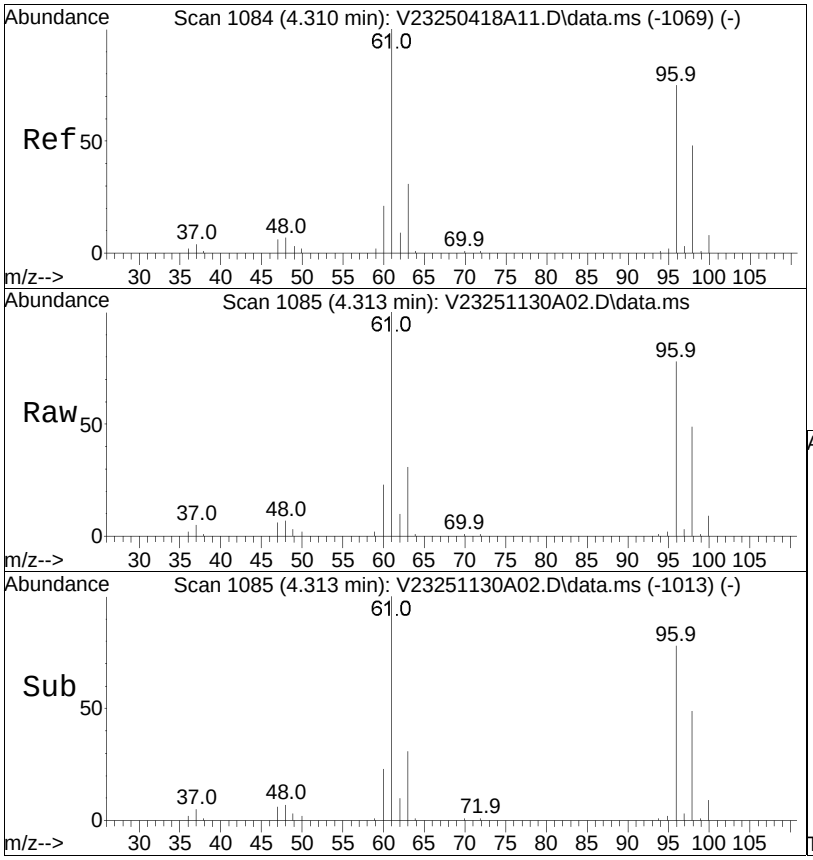


#27
Vinyl acetate
Concen: 40.93 ug/L
RT: 4.042 min Scan# 988
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 43 Resp: 221841

Ion	Ratio	Lower	Upper
43	100		
86	8.7	8.6	12.8

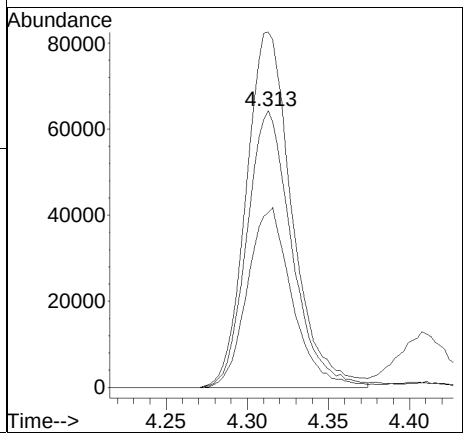


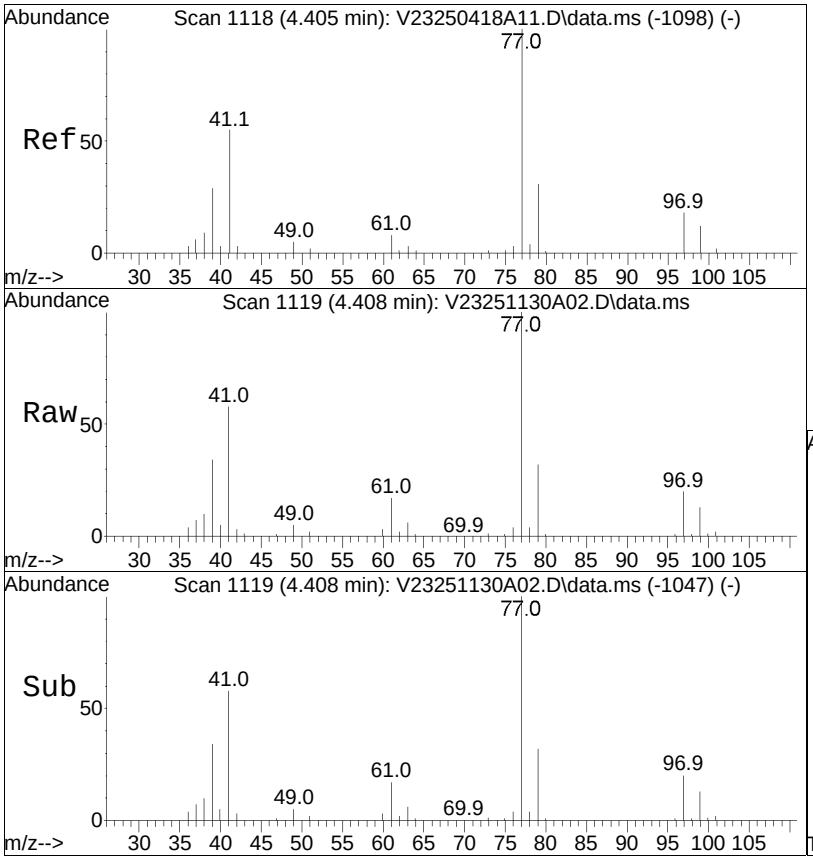


#28
cis-1,2-Dichloroethene
Concen: 42.43 ug/L
RT: 4.313 min Scan# 1085
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 96 Resp: 123923

Ion	Ratio	Lower	Upper
96	100		
61	131.0	98.2	147.2
98	65.0	51.0	76.6

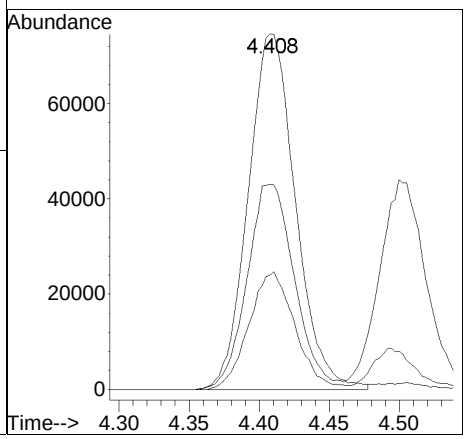


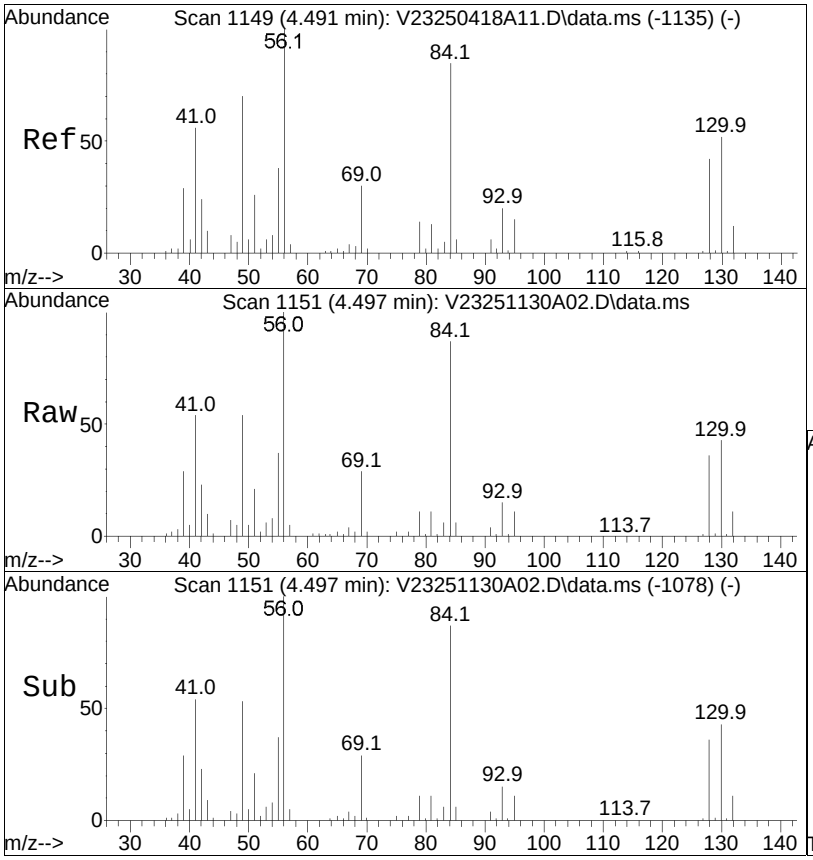


#29
2,2-Dichloropropane
Concen: 45.42 ug/L
RT: 4.408 min Scan# 1119
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 77 Resp: 175199

Ion	Ratio	Lower	Upper
77	100		
41	58.0	31.1	64.7
79	32.2	20.7	43.1

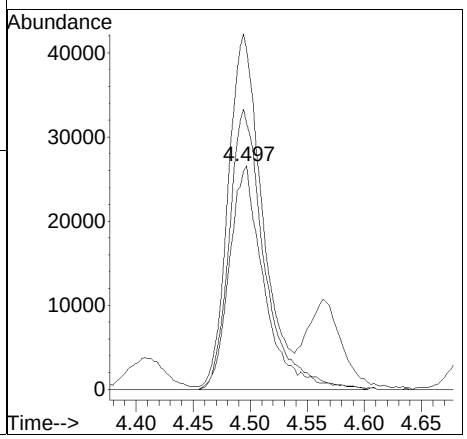


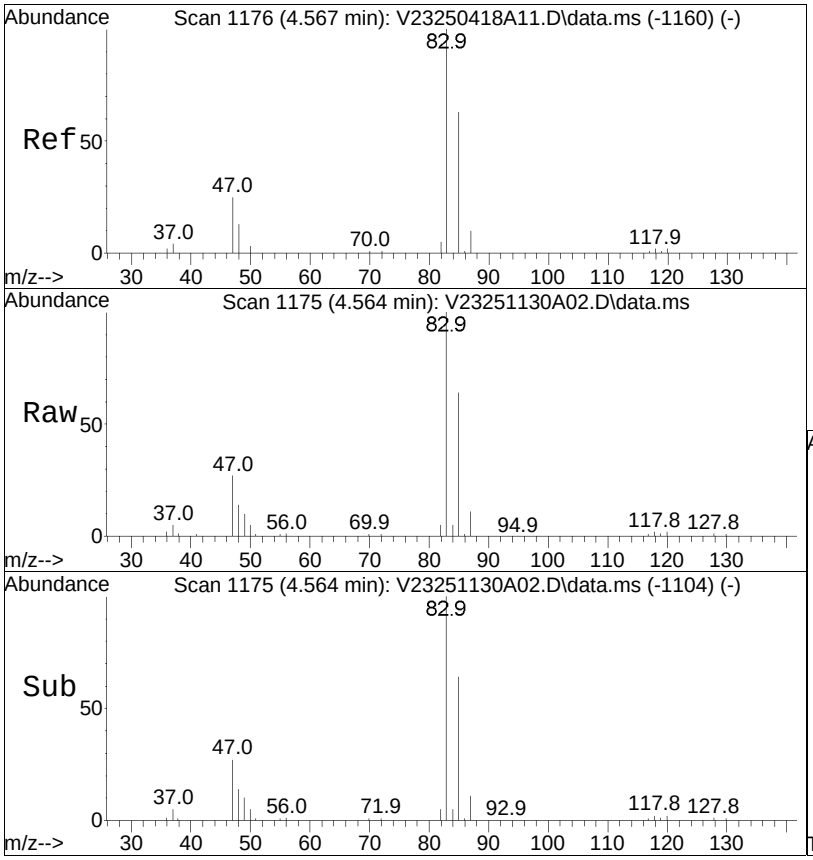


#30
Bromochloromethane
Concen: 43.25 ug/L
RT: 4.497 min Scan# 1151
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:128 Resp: 56414

Ion	Ratio	Lower	Upper
128	100		
49	154.0	117.6	176.4
130	127.0	103.8	155.8

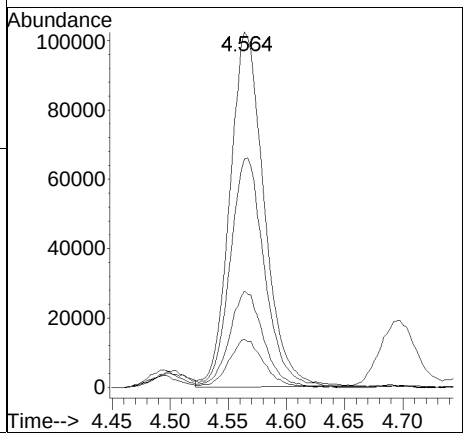


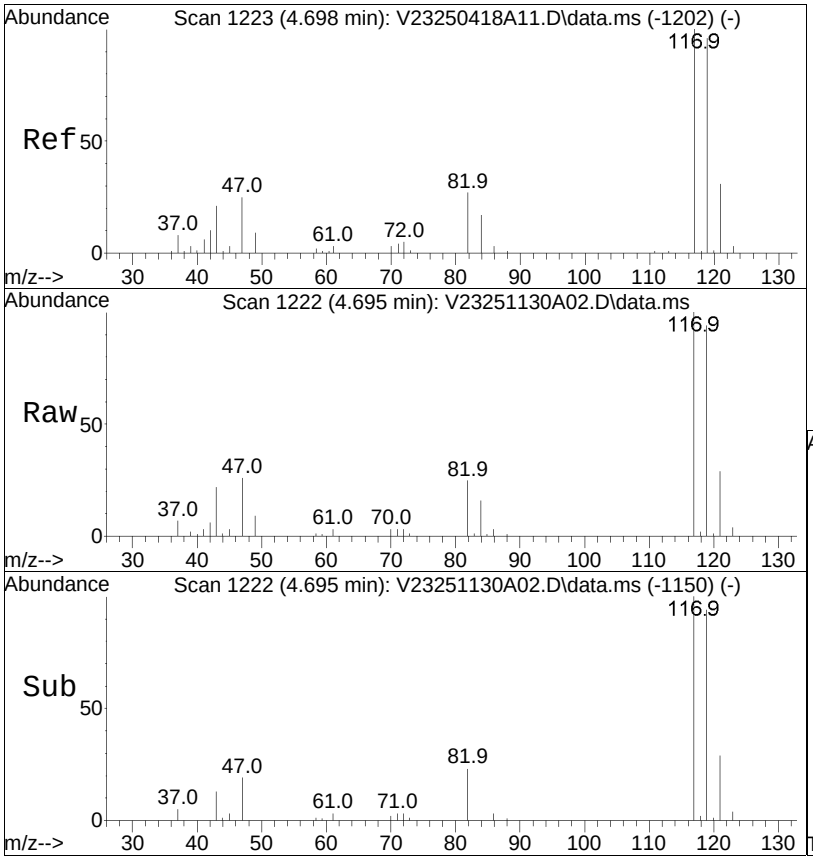


#32
Chloroform
Concen: 36.72 ug/L
RT: 4.564 min Scan# 1175
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 83 Resp: 210449

Ion	Ratio	Lower	Upper
83	100		
85	64.7	42.1	87.3
47	26.6	14.0	29.2
48	13.8	7.2	14.9

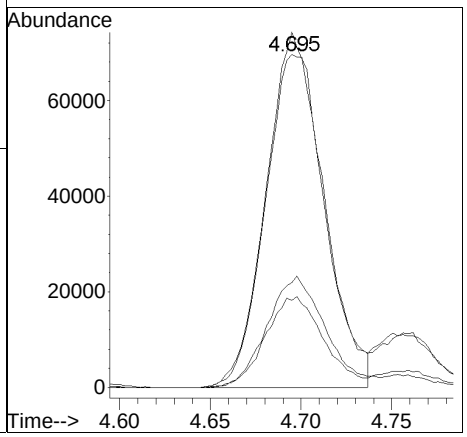


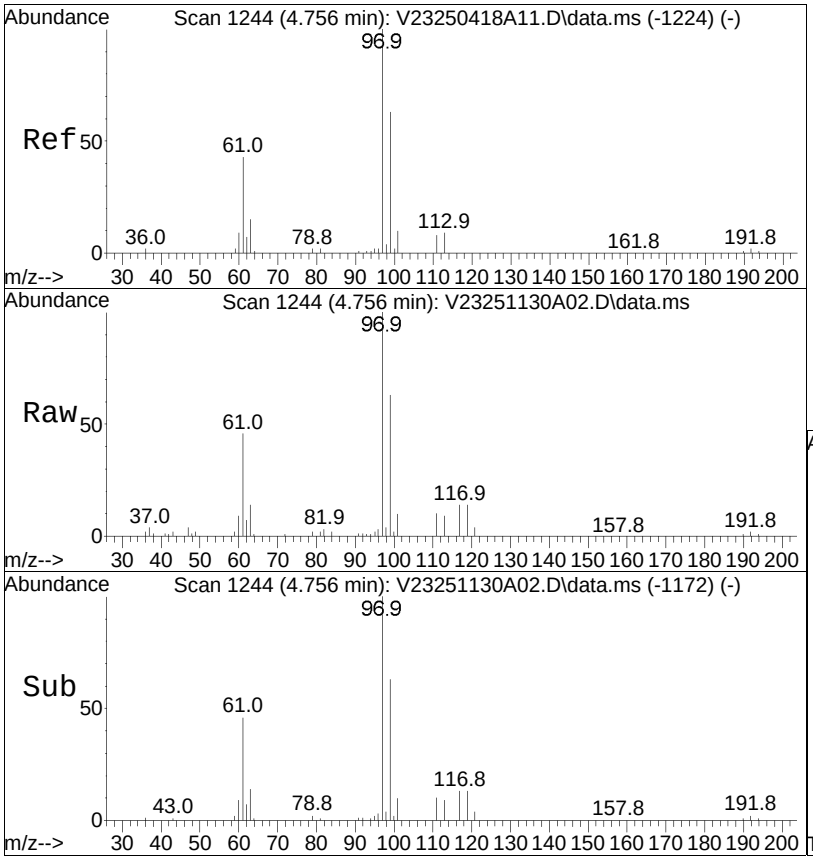


#34
Carbon tetrachloride
Concen: 44.23 ug/L
RT: 4.695 min Scan# 1222
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:117 Resp: 164262

Ion	Ratio	Lower	Upper
117	100		
119	96.4	62.7	130.3
121	31.3	20.3	42.1
82	25.9	16.4	34.2

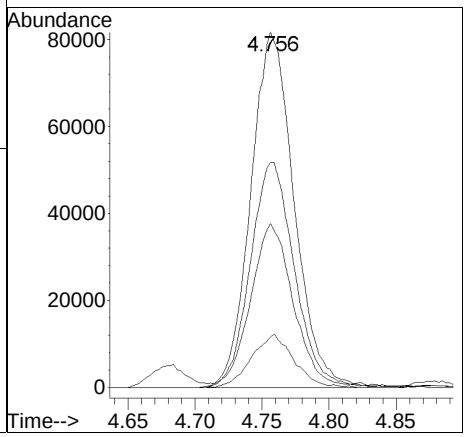


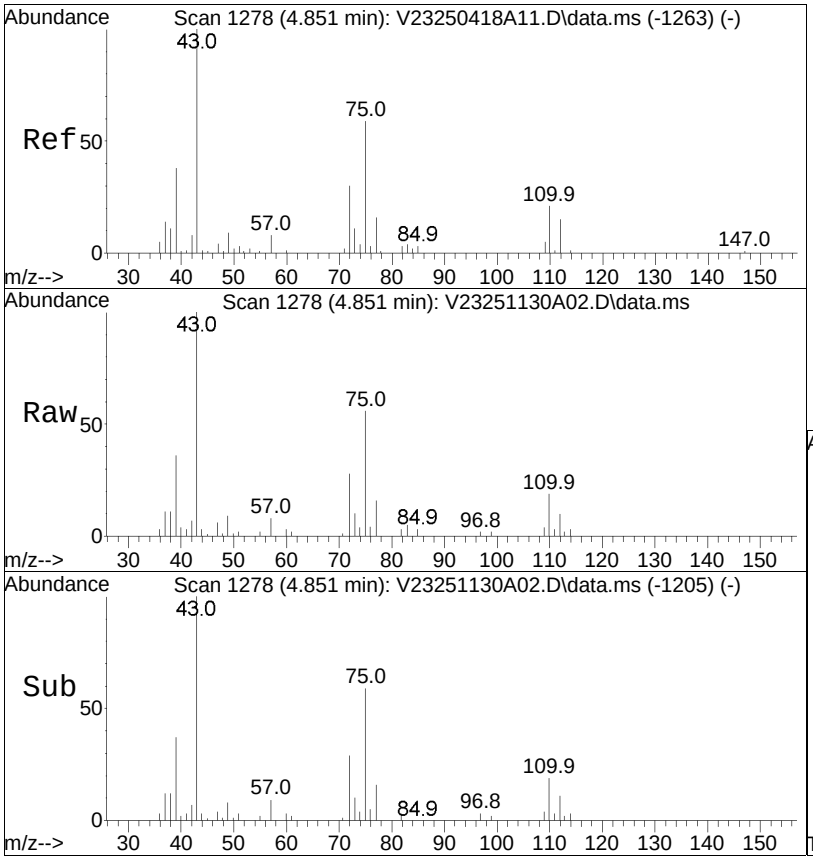


#37
1,1,1-Trichloroethane
Concen: 46.35 ug/L
RT: 4.756 min Scan# 1244
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 97 Resp: 183696

Ion	Ratio	Lower	Upper
97	100		
99	64.5	41.5	86.3
61	45.6	27.4	57.0
63	14.6	9.0	18.6

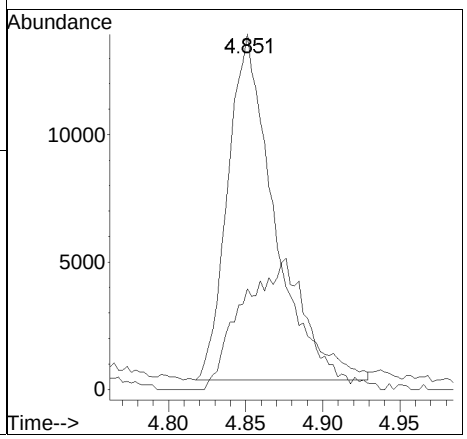


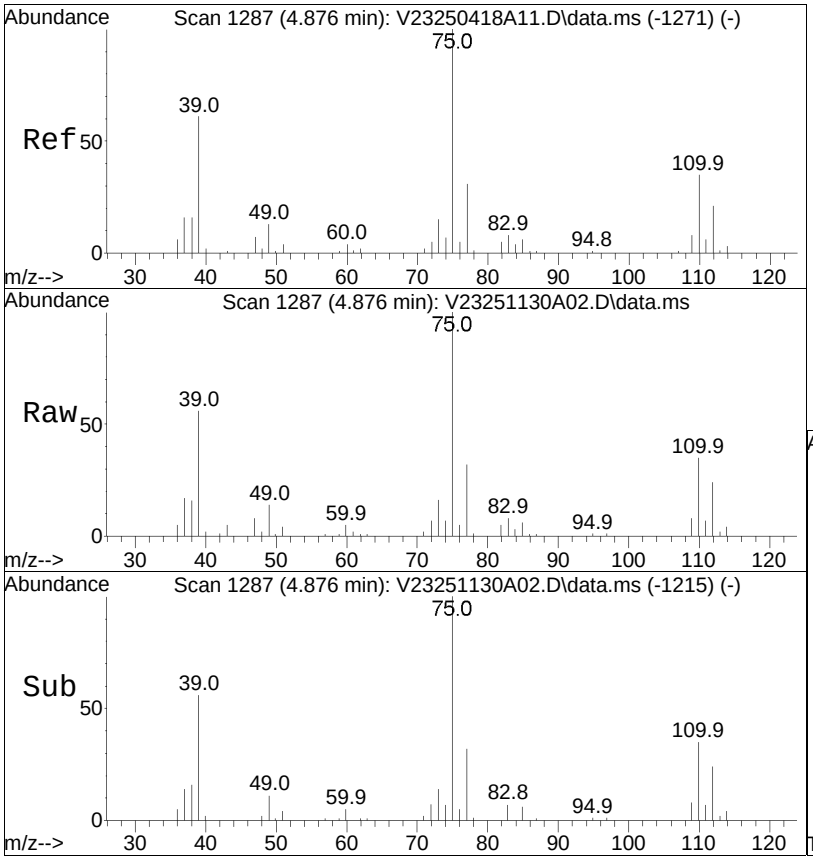


#39
2-Butanone
Concen: 35.98 ug/L
RT: 4.851 min Scan# 1278
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 43 Resp: 28629

Ion	Ratio	Lower	Upper
43	100		
72	51.5	30.4	45.6#

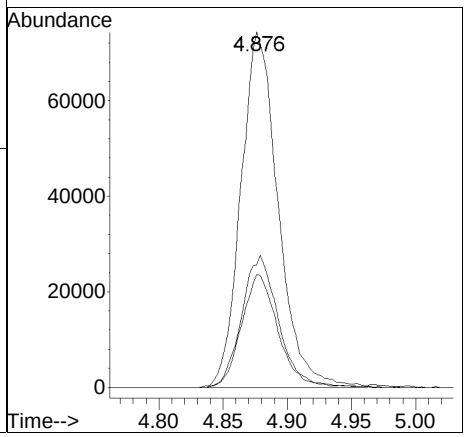


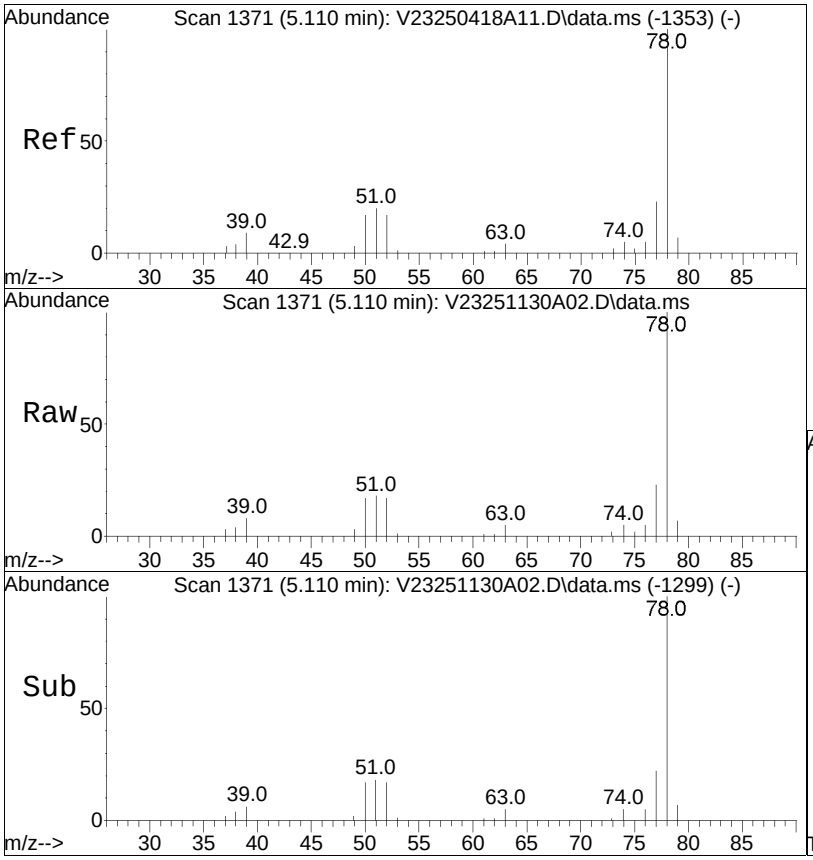


#40
1,1-Dichloropropene
Concen: 48.72 ug/L
RT: 4.876 min Scan# 1287
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 75 Resp: 150315

Ion	Ratio	Lower	Upper
75	100		
110	36.5	23.6	49.0
77	30.9	20.4	42.4

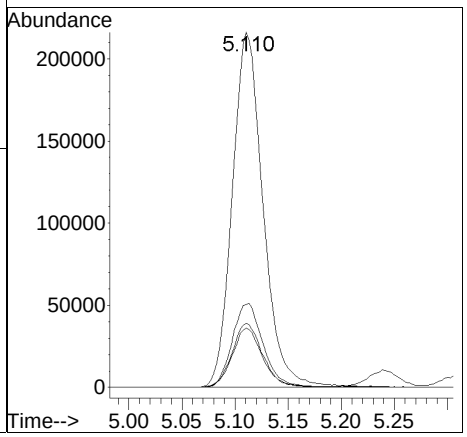


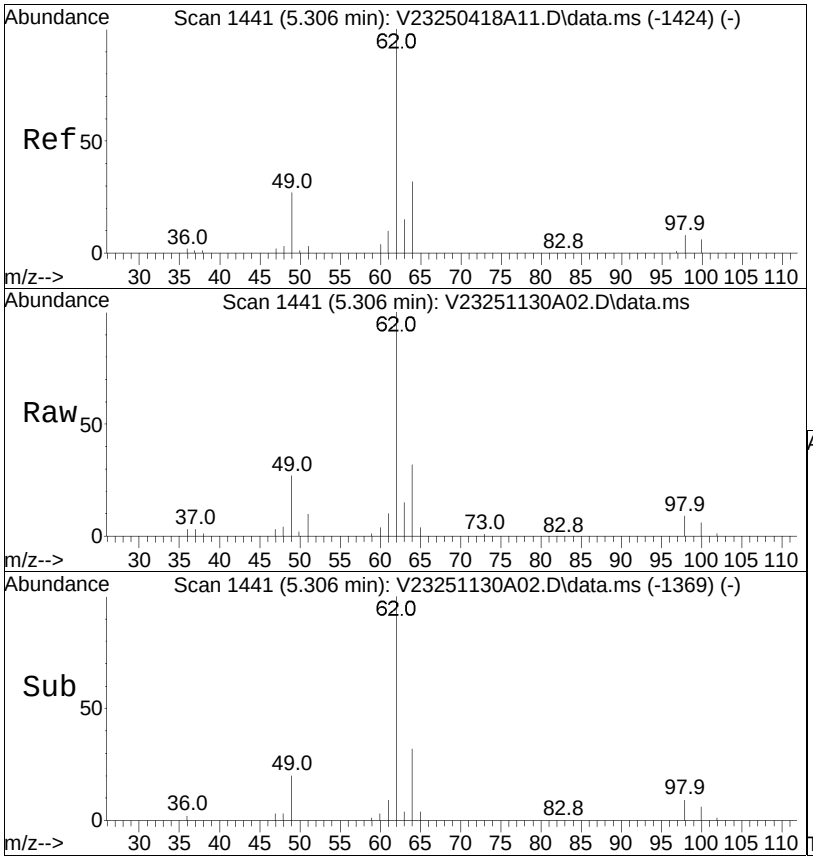


#41
Benzene
Concen: 44.60 ug/L
RT: 5.110 min Scan# 1371
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 78 Resp: 435571

Ion	Ratio	Lower	Upper
78	100		
77	23.9	15.7	32.5
51	18.1	9.9	20.5
52	16.6	9.5	19.7

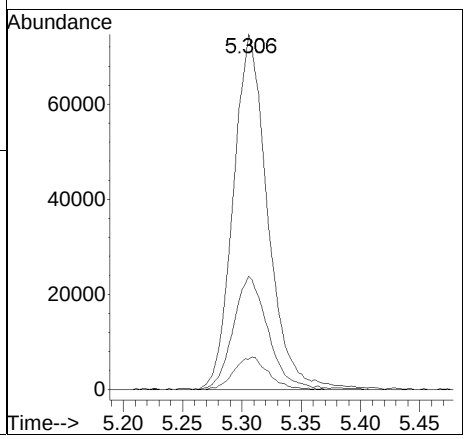


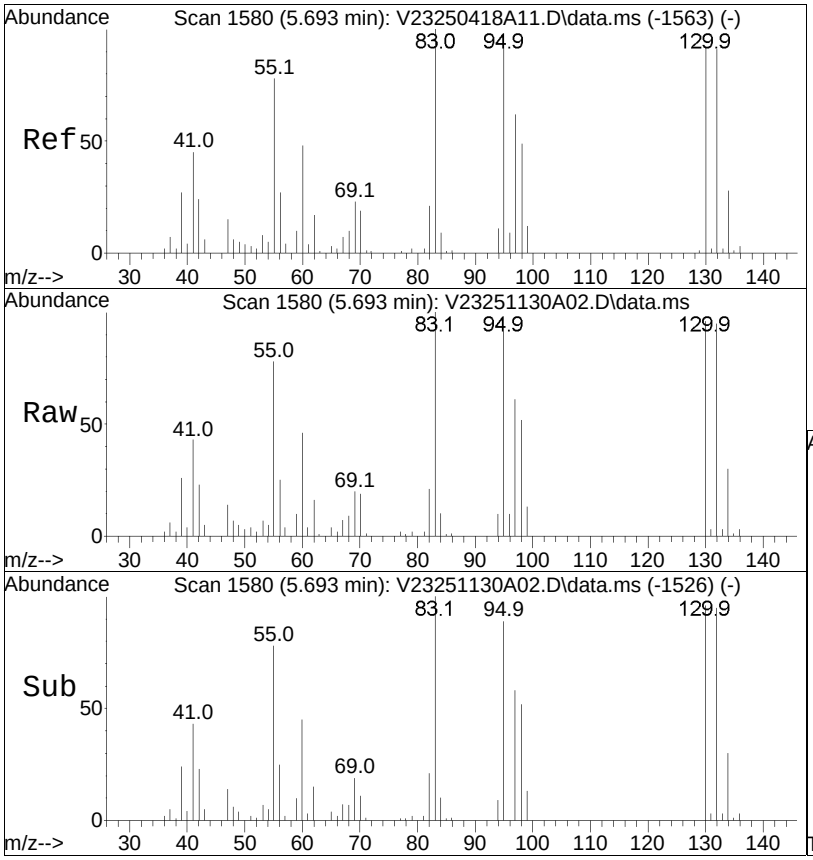


#44
1,2-Dichloroethane
Concen: 42.39 ug/L
RT: 5.306 min Scan# 1441
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 62 Resp: 150997

Ion	Ratio	Lower	Upper
62	100		
64	32.3	12.7	52.7
98	9.1	0.0	29.7

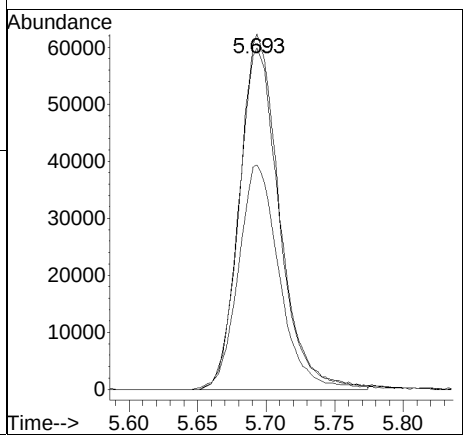


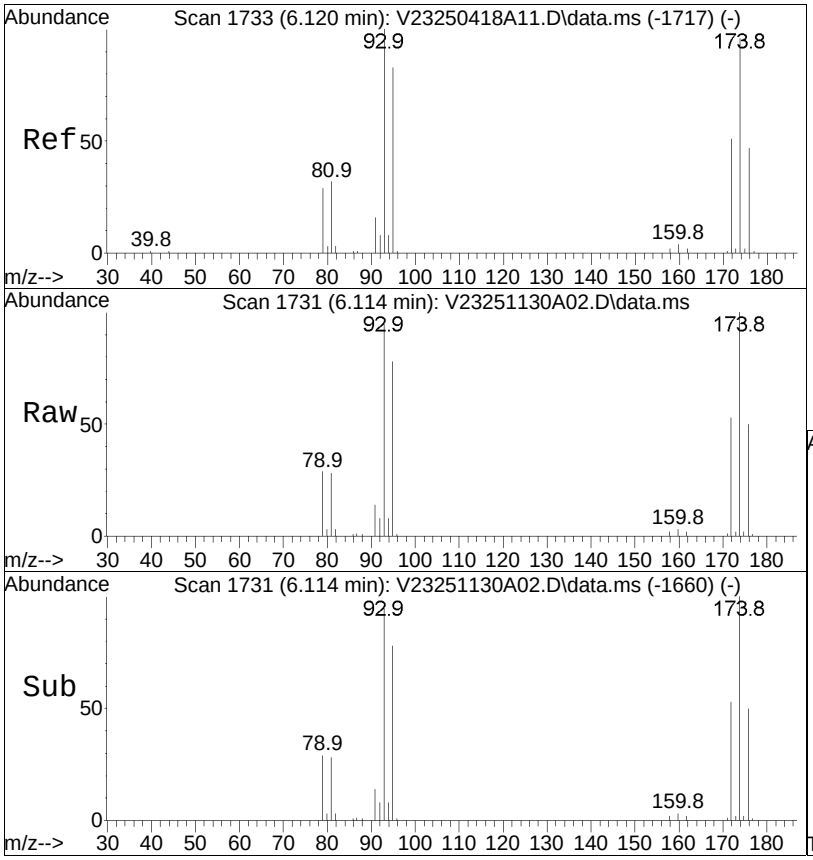


#48
Trichloroethene
Concen: 45.59 ug/L
RT: 5.693 min Scan# 1580
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 95 Resp: 122221

Ion	Ratio	Lower	Upper
95	100		
97	67.2	54.3	81.5
130	104.5	82.2	123.2

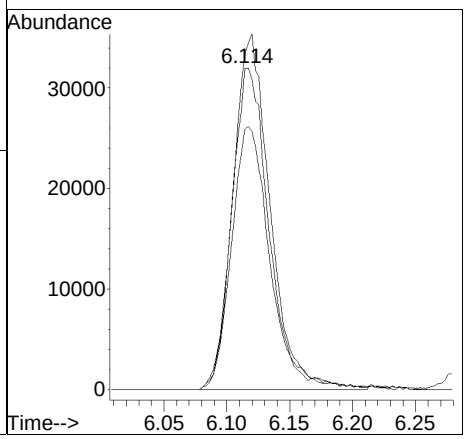


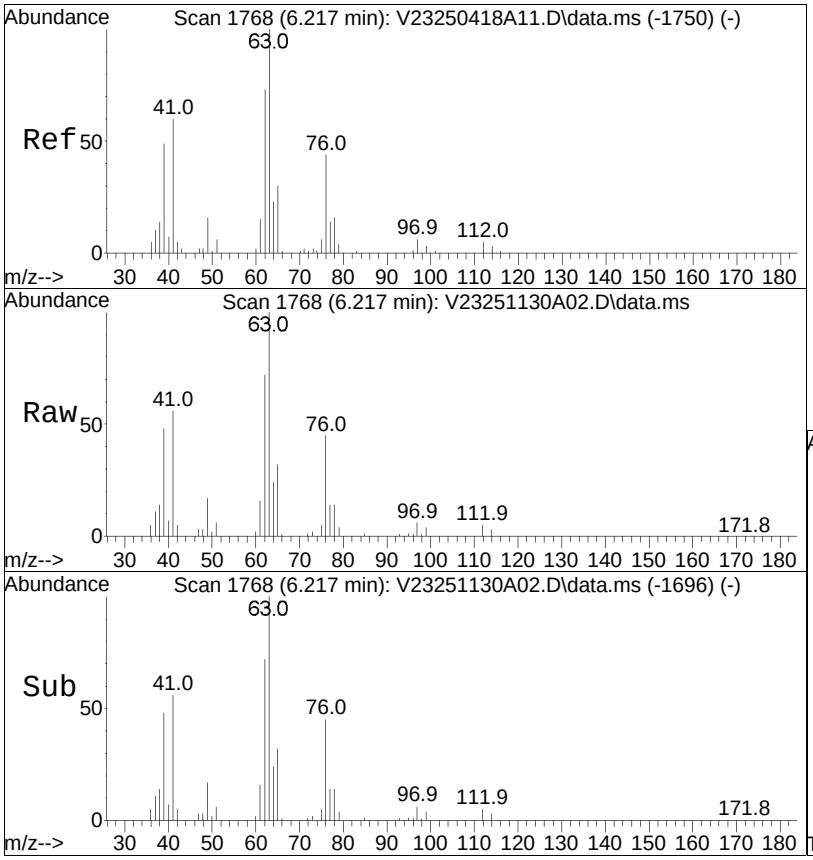


#50
Dibromomethane
Concen: 41.76 ug/L
RT: 6.114 min Scan# 1731
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 93 Resp: 66507

Ion	Ratio	Lower	Upper
93	100		
95	82.1	66.1	99.1
174	109.0	84.2	126.2

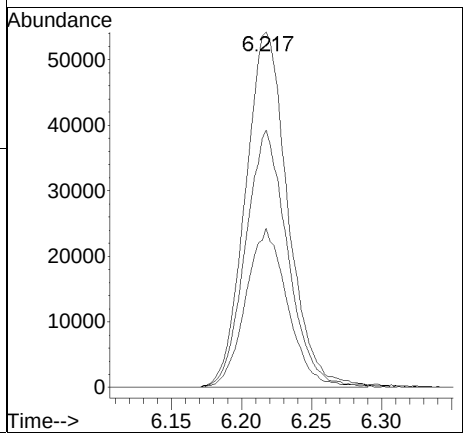


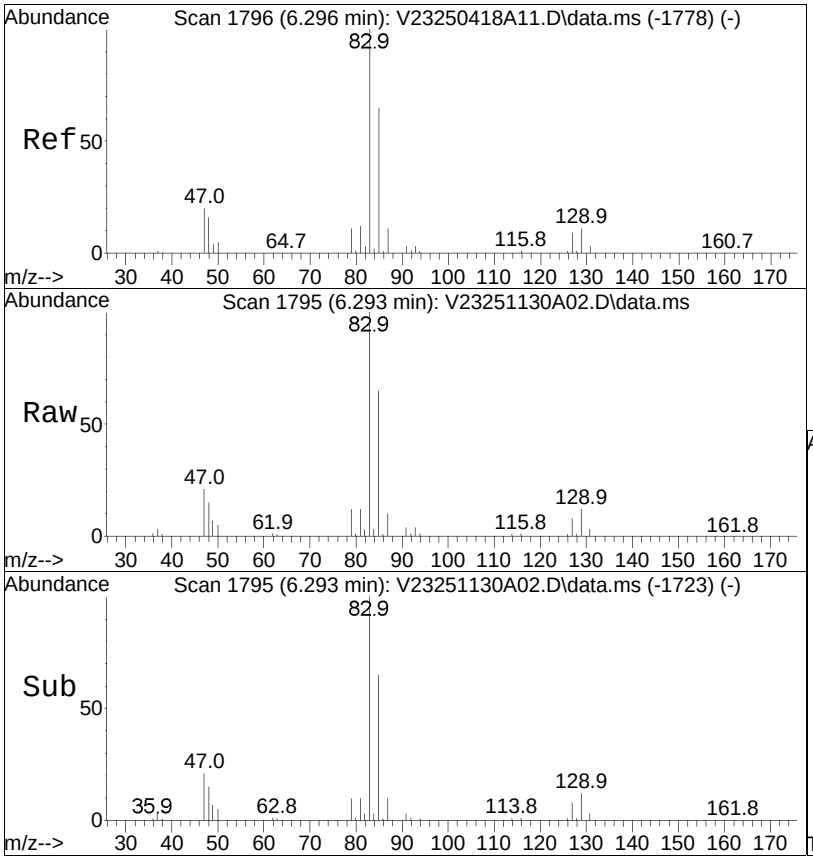


#51
1,2-Dichloropropane
Concen: 42.66 ug/L
RT: 6.217 min Scan# 1768
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 63 Resp: 114689

Ion	Ratio	Lower	Upper
63	100		
62	71.4	56.9	85.3
76	44.2	35.0	52.4

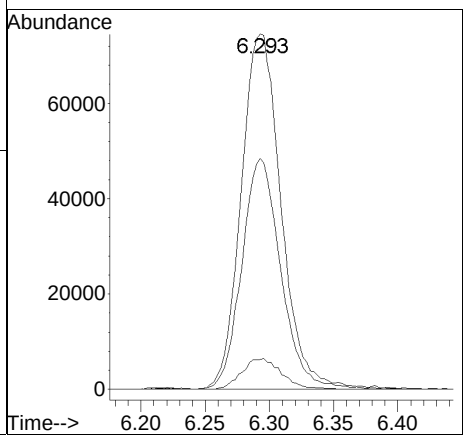


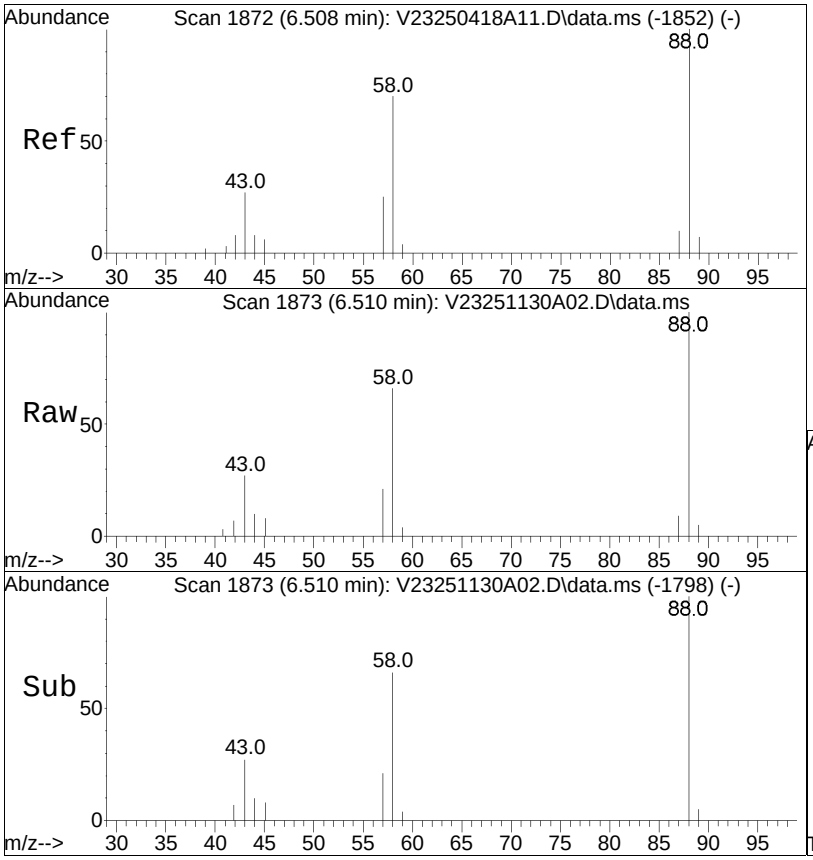


#54
Bromodichloromethane
Concen: 42.81 ug/L
RT: 6.293 min Scan# 1795
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 83 Resp: 161577

Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.3	76.9
127	8.7	6.5	9.7

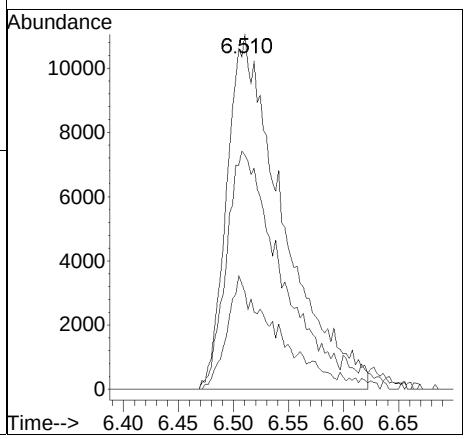


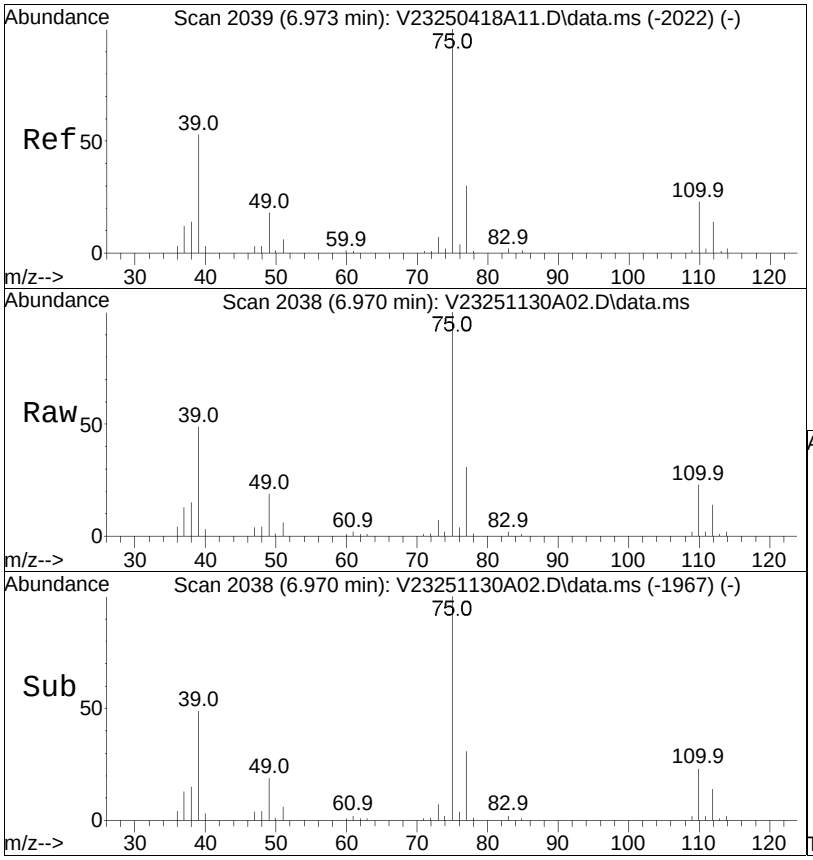


#57
1,4-Dioxane
Concen: 2511.97 ug/L
RT: 6.510 min Scan# 1873
Delta R.T. 0.008 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 88 Resp: 39159

Ion	Ratio	Lower	Upper
88	100		
58	65.3	50.2	75.2
43	23.6	19.1	28.7

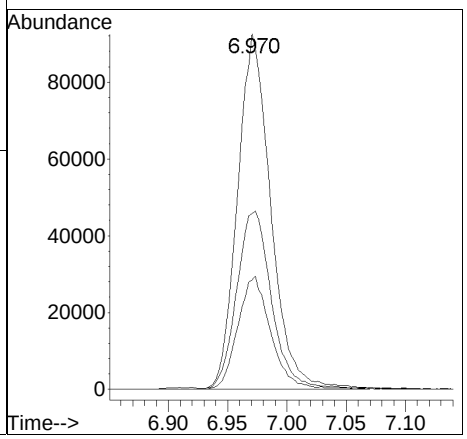


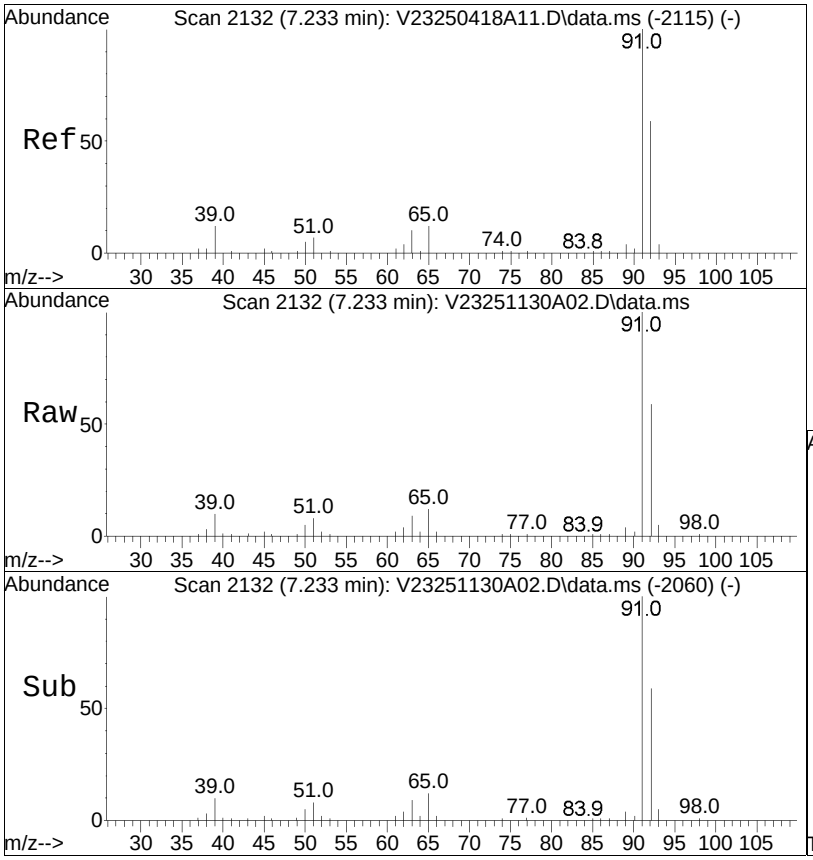


#58
cis-1,3-Dichloropropene
Concen: 43.71 ug/L
RT: 6.970 min Scan# 2038
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 75 Resp: 181511

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.9	38.9
39	51.3	34.5	51.7

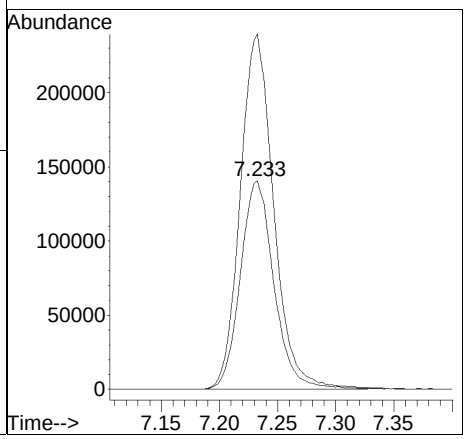


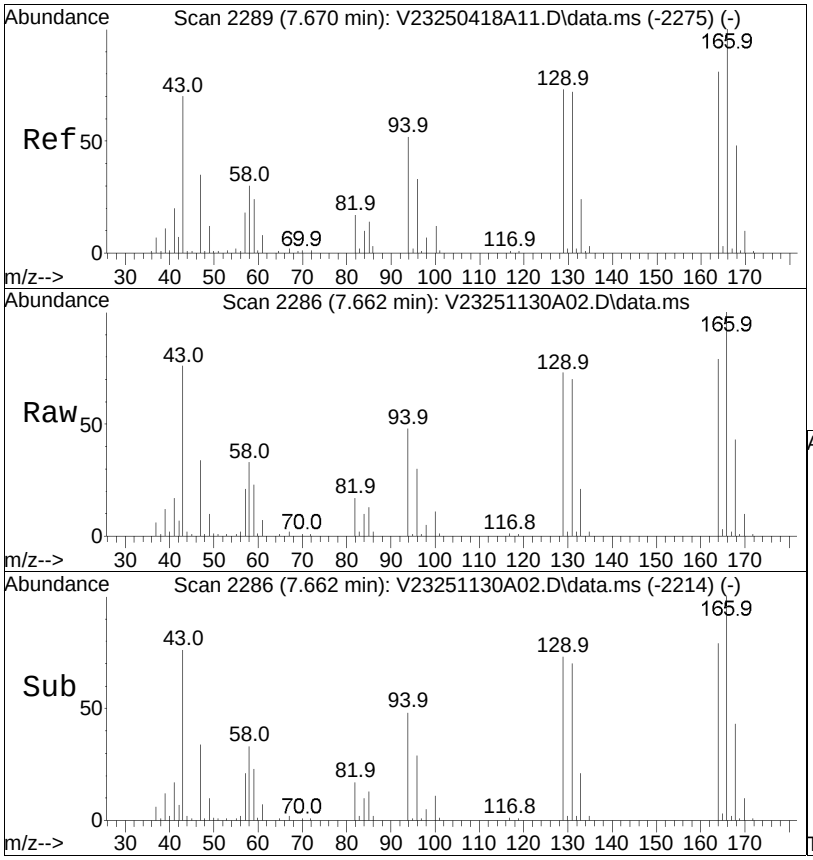


#61
Toluene
Concen: 42.98 ug/L
RT: 7.233 min Scan# 2132
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 92 Resp: 283131

Ion	Ratio	Lower	Upper
92	100		
91	169.9	136.4	204.6

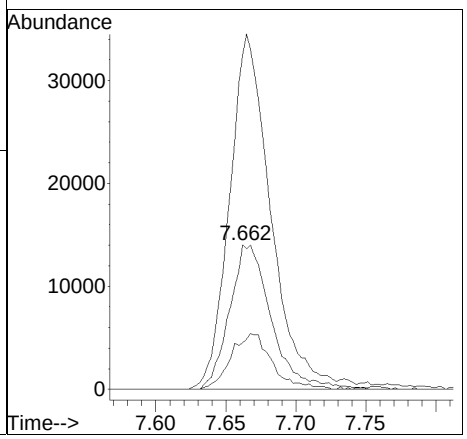


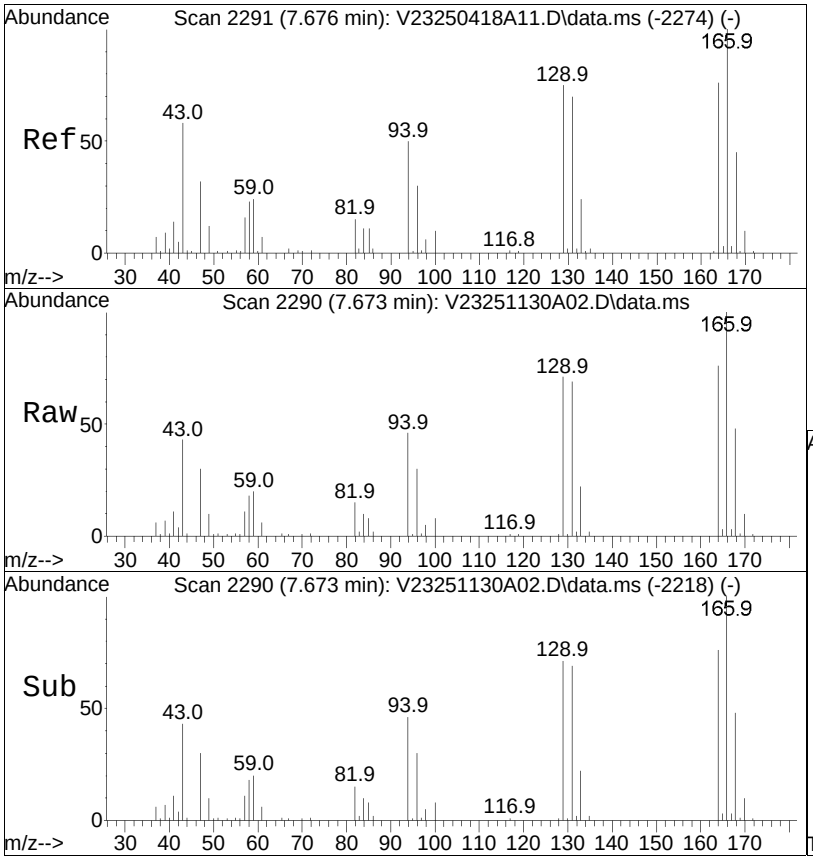


#62
4-Methyl-2-pentanone
Concen: 41.65 ug/L
RT: 7.662 min Scan# 2286
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 58 Resp: 29213

Ion	Ratio	Lower	Upper
58	100		
100	37.9	33.1	49.7
43	241.2	179.0	268.6

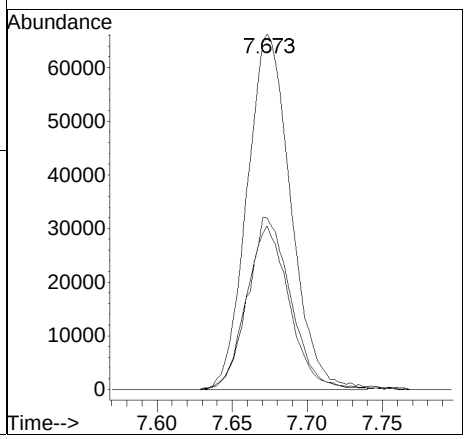


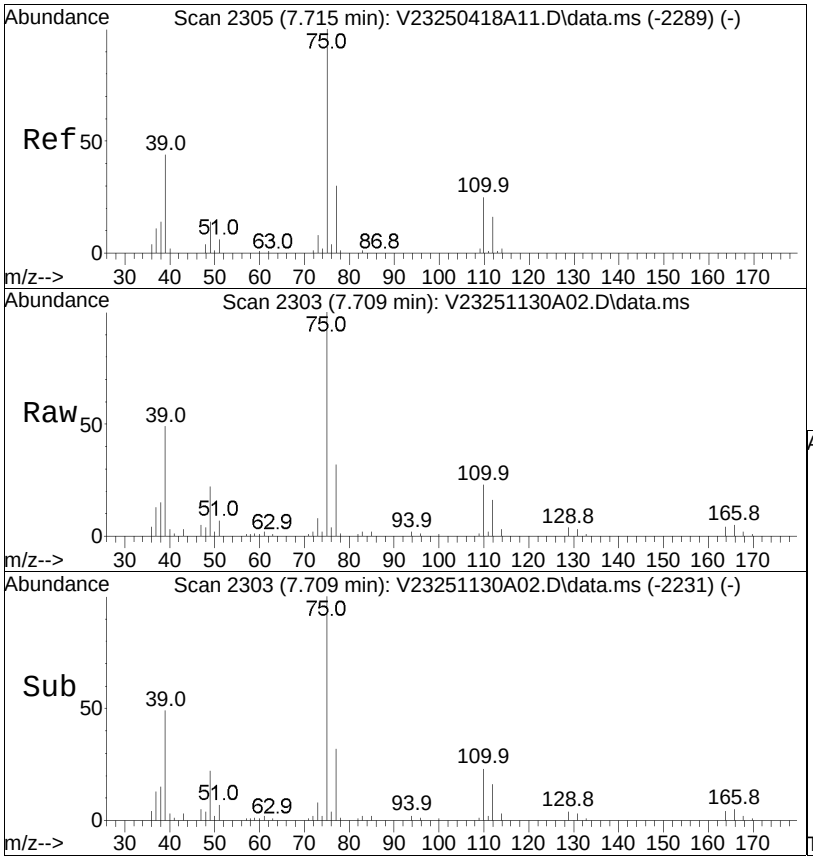


#63
Tetrachloroethene
Concen: 47.31 ug/L
RT: 7.673 min Scan# 2290
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:166 Resp: 134064

Ion	Ratio	Lower	Upper
166	100		
168	47.7	28.0	68.0
94	45.3	23.3	63.3

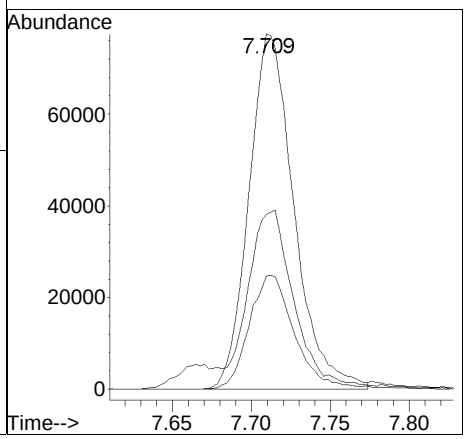


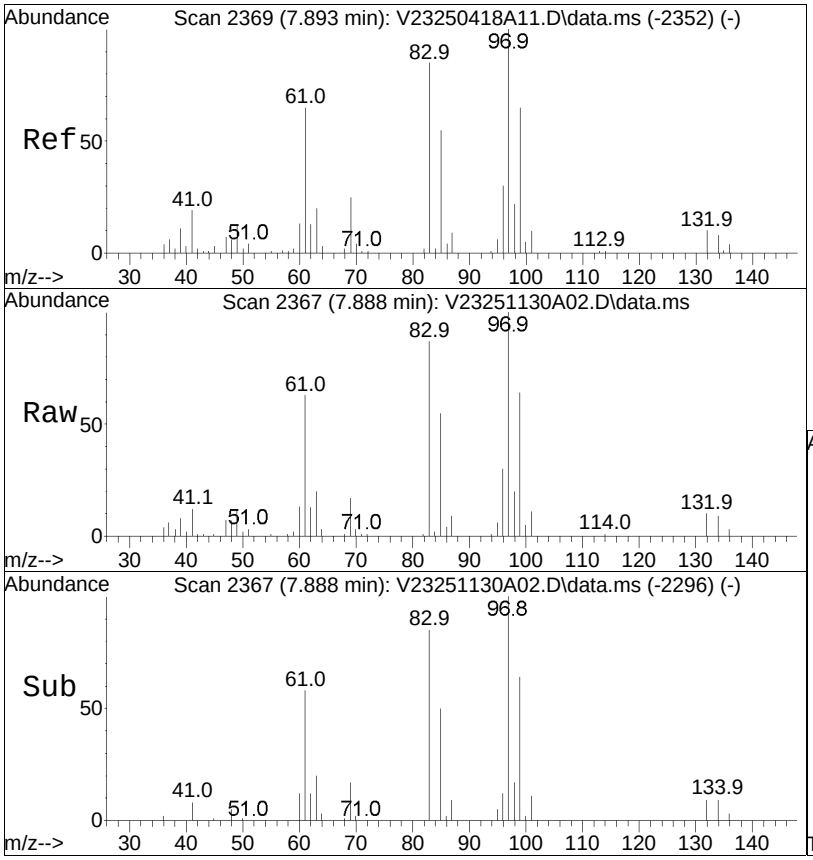


#65
trans-1,3-Dichloropropene
Concen: 41.53 ug/L
RT: 7.709 min Scan# 2303
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 75 Resp: 154105

Ion	Ratio	Lower	Upper
75	100		
77	32.6	12.7	52.7
39	49.7	29.5	69.5

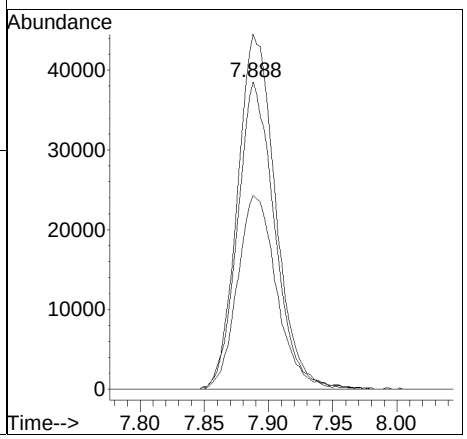


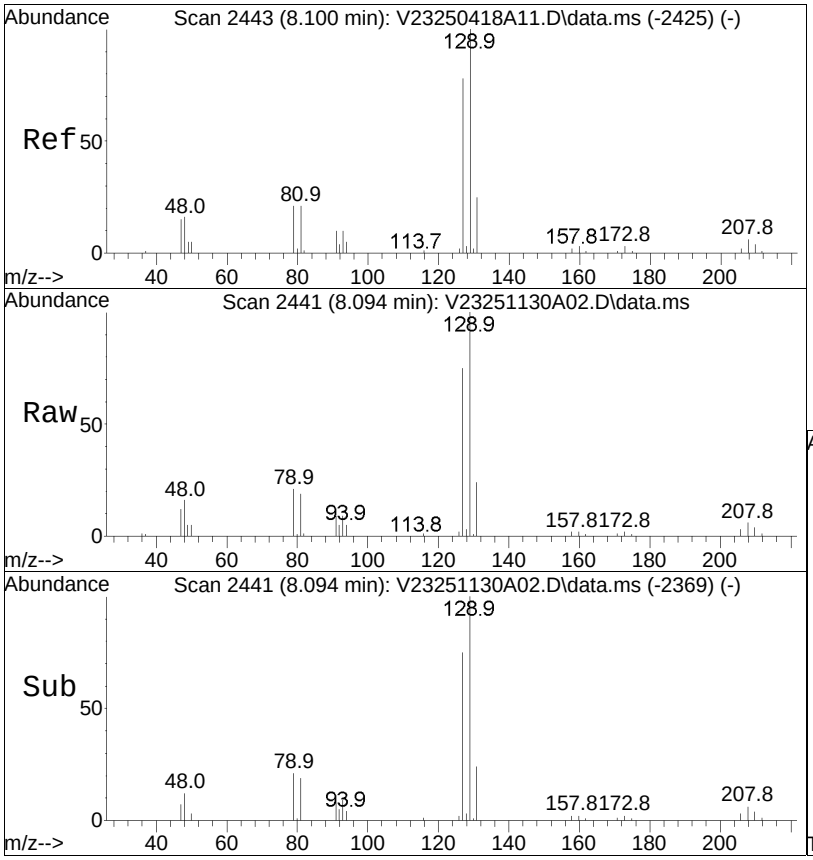


#68
1,1,2-Trichloroethane
Concen: 41.08 ug/L
RT: 7.888 min Scan# 2367
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 83 Resp: 77719

Ion	Ratio	Lower	Upper
83	100		
97	118.7	99.1	139.1
85	66.7	46.8	86.8

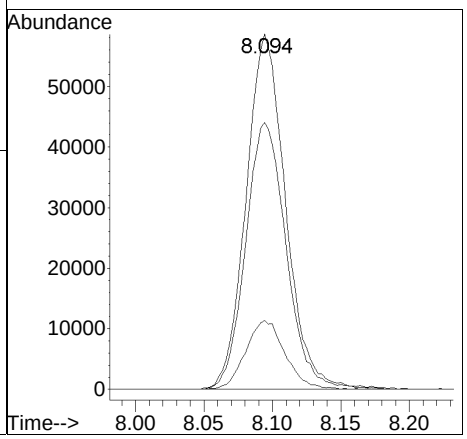


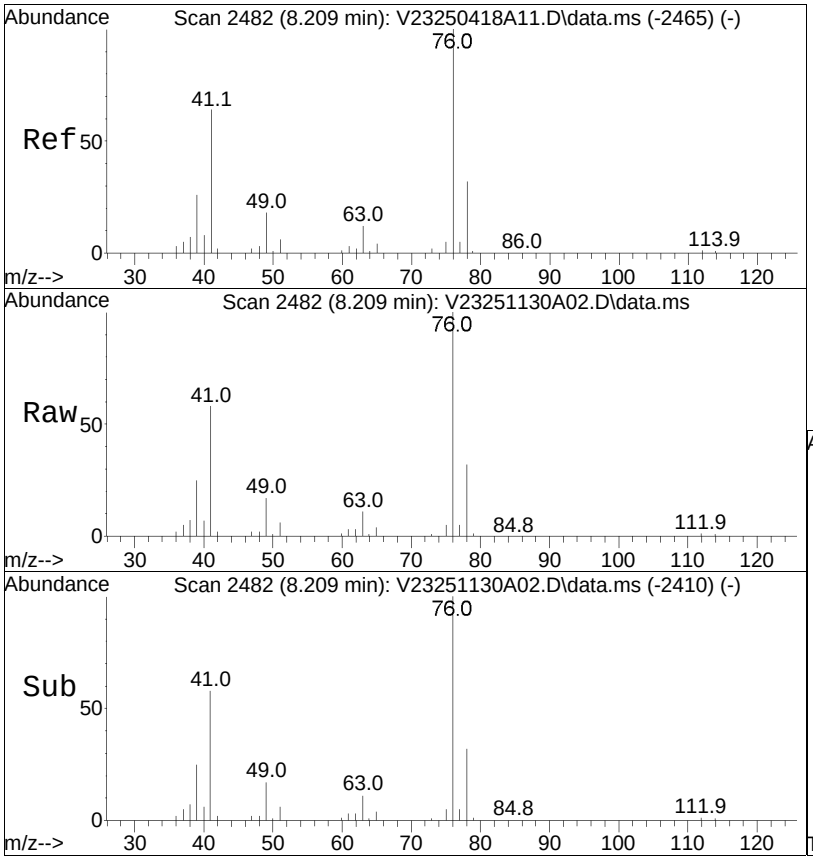


#69
Chlorodibromomethane
Concen: 43.34 ug/L
RT: 8.094 min Scan# 2441
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:129 Resp: 117794

Ion	Ratio	Lower	Upper
129	100		
81	19.3	0.0	35.1
127	77.1	57.6	97.6

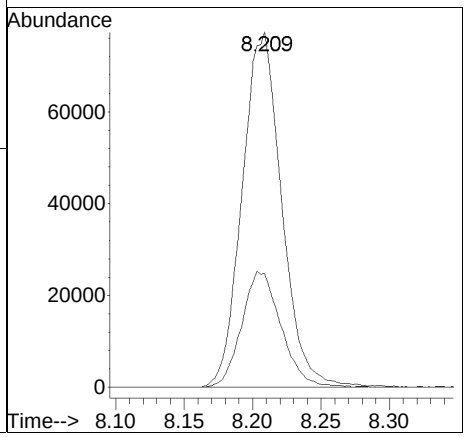


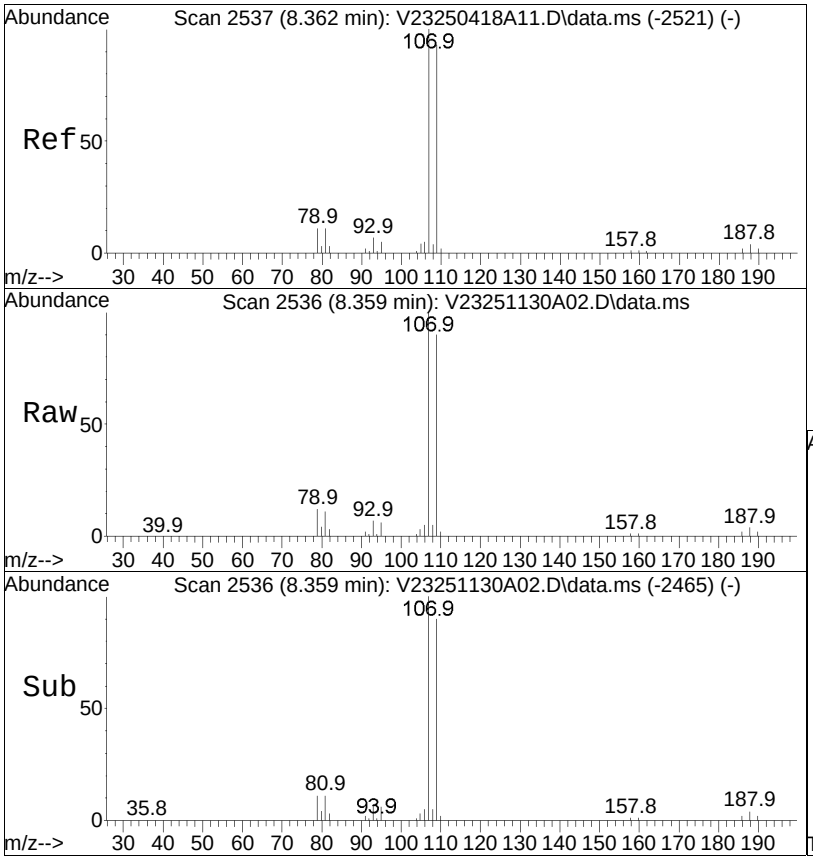


#70
1,3-Dichloropropane
Concen: 41.63 ug/L
RT: 8.209 min Scan# 2482
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 76 Resp: 155514

Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.2	39.2

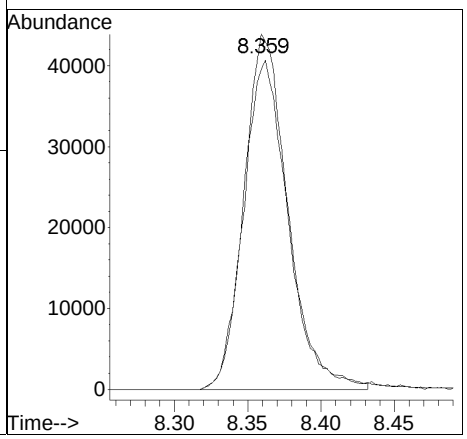


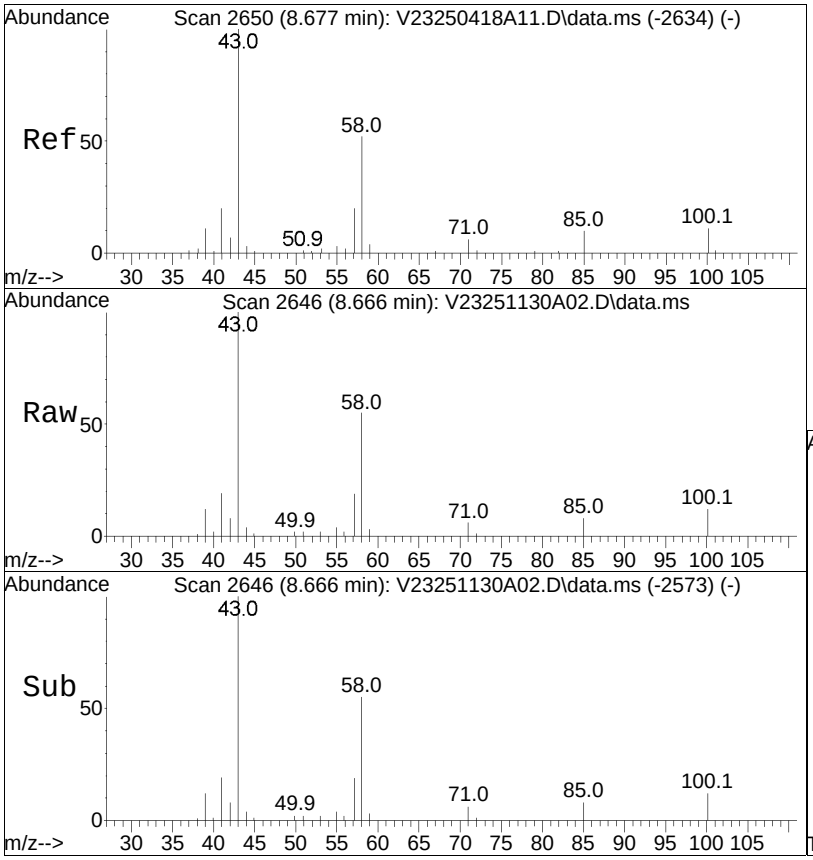


#71
1,2-Dibromoethane
Concen: 43.78 ug/L
RT: 8.359 min Scan# 2536
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:107 Resp: 91948

Ion	Ratio	Lower	Upper
107	100		
109	93.9	76.1	114.1

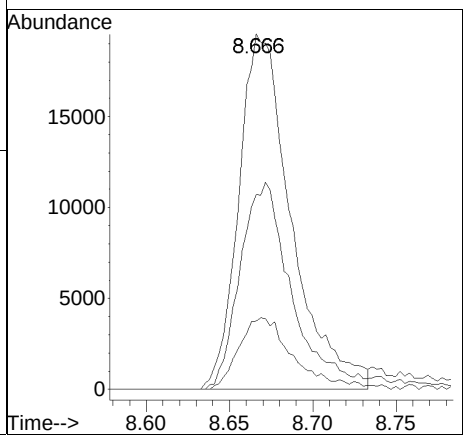


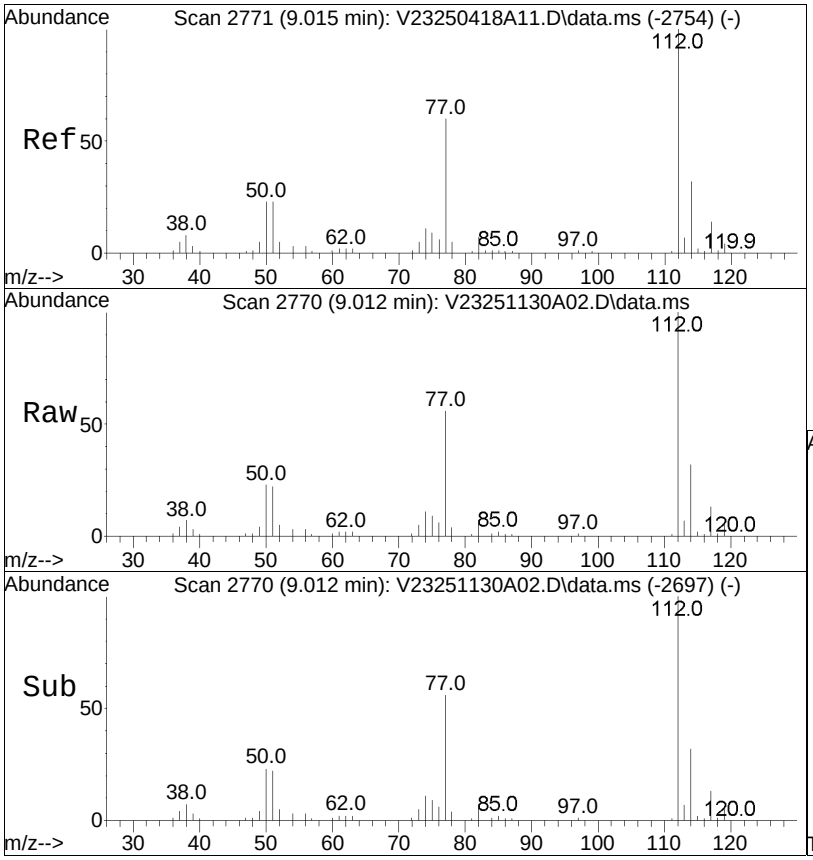


#72
2-Hexanone
Concen: 34.16 ug/L
RT: 8.666 min Scan# 2646
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 43 Resp: 43007

Ion	Ratio	Lower	Upper
43	100		
58	56.3	49.2	73.8
57	20.4	17.4	26.2

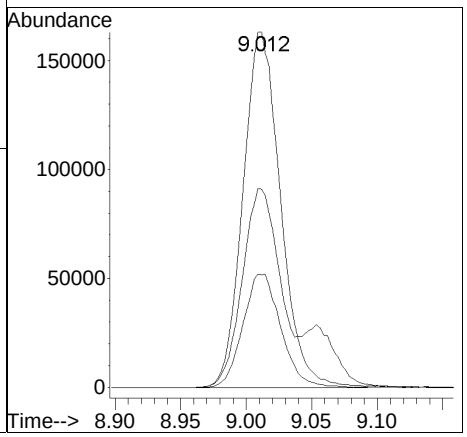


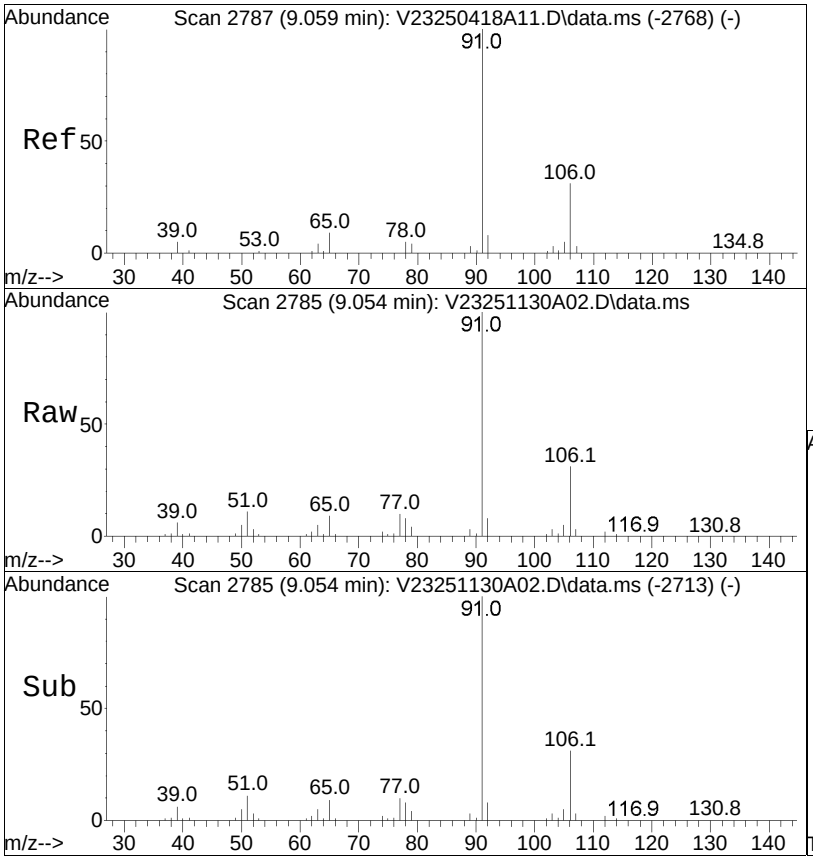


#73
Chlorobenzene
Concen: 43.13 ug/L
RT: 9.012 min Scan# 2770
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:112 Resp: 324688

Ion	Ratio	Lower	Upper
112	100		
77	56.4	58.5	87.7#
114	32.2	25.8	38.6

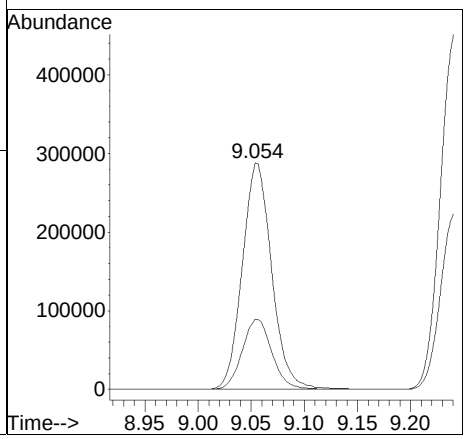


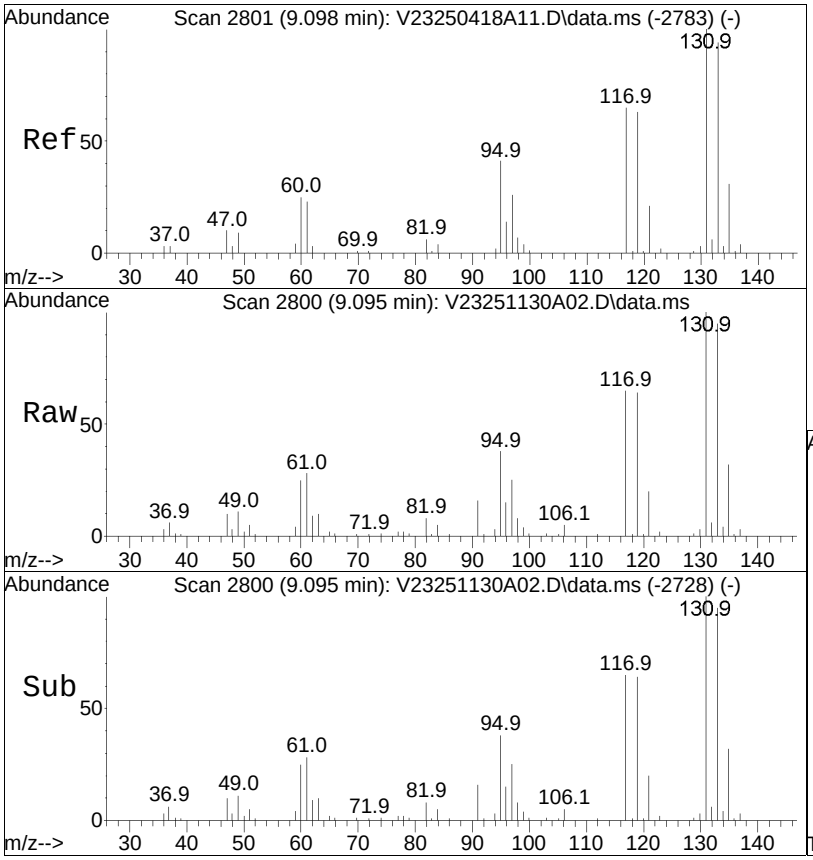


#74
Ethylbenzene
Concen: 42.45 ug/L
RT: 9.054 min Scan# 2785
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 91 Resp: 553636

Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.2	37.8

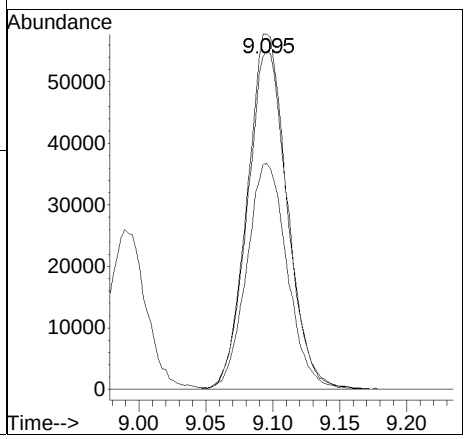


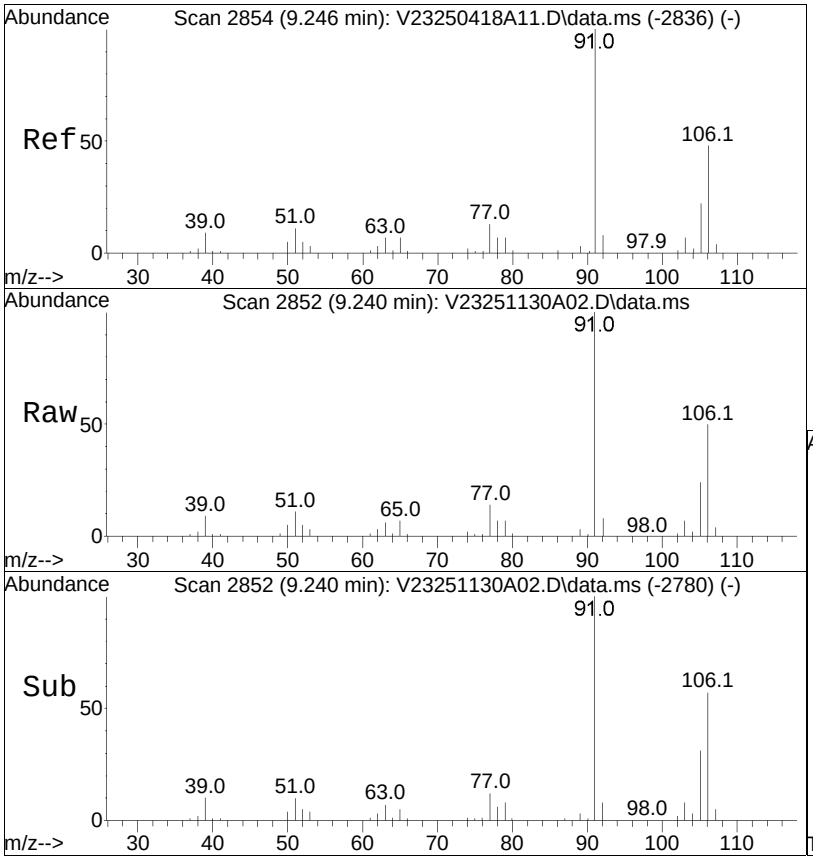


#75
1,1,1,2-Tetrachloroethane
Concen: 43.63 ug/L
RT: 9.095 min Scan# 2800
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:131 Resp: 120014

Ion	Ratio	Lower	Upper
131	100		
133	95.3	75.5	115.5
119	64.8	46.0	86.0

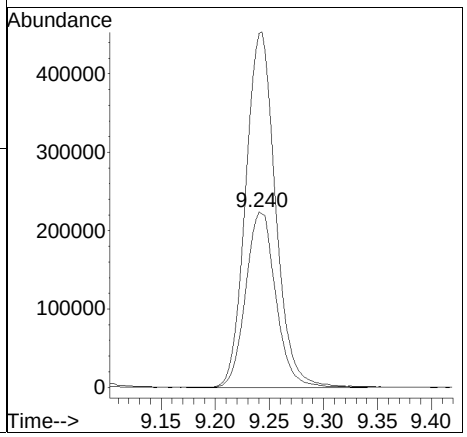


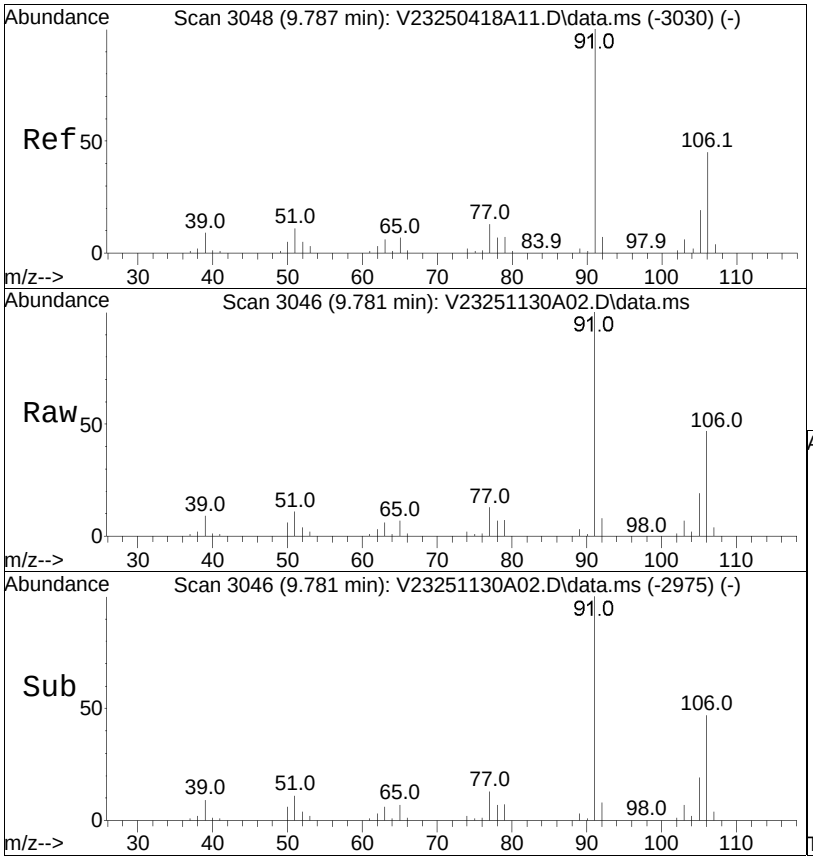


#76
p/m Xylene
Concen: 89.05 ug/L
RT: 9.240 min Scan# 2852
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:106 Resp: 434206

Ion	Ratio	Lower	Upper
106	100		
91	200.4	160.4	240.6

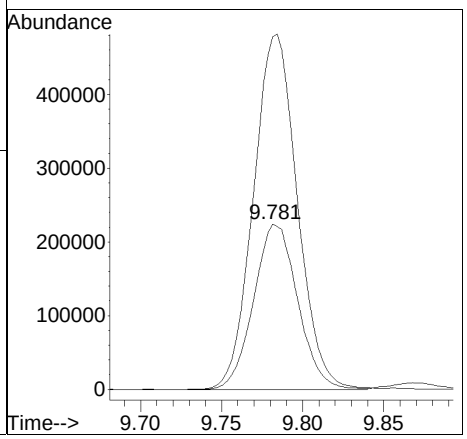


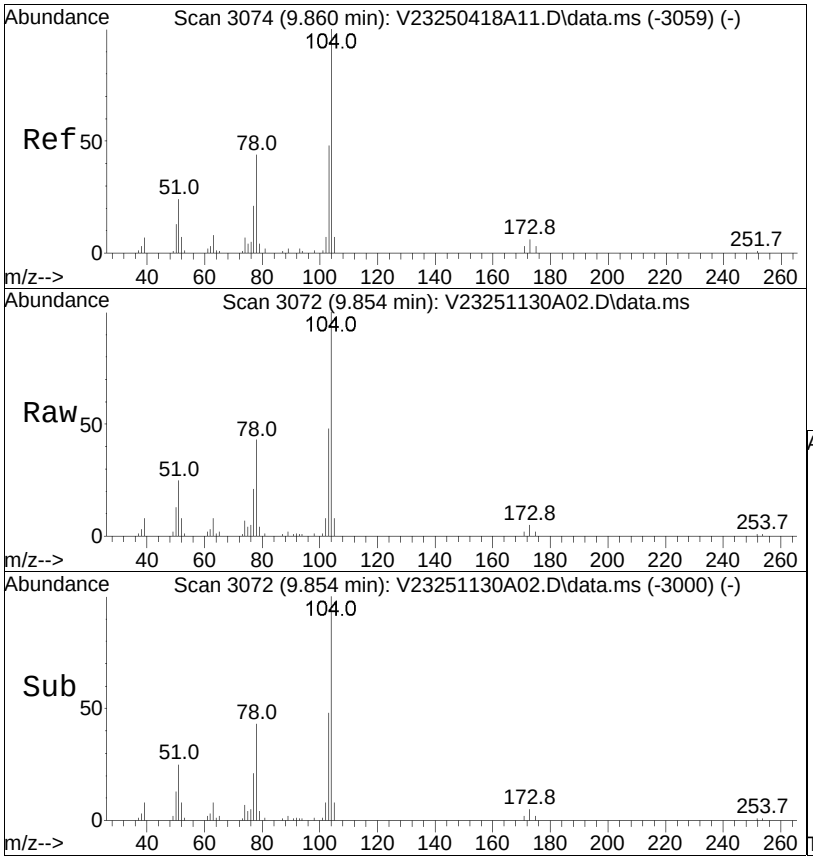


#77
o Xylene
Concen: 85.82 ug/L
RT: 9.781 min Scan# 3046
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:106 Resp: 422317

Ion	Ratio	Lower	Upper
106	100		
91	214.5	169.6	254.4

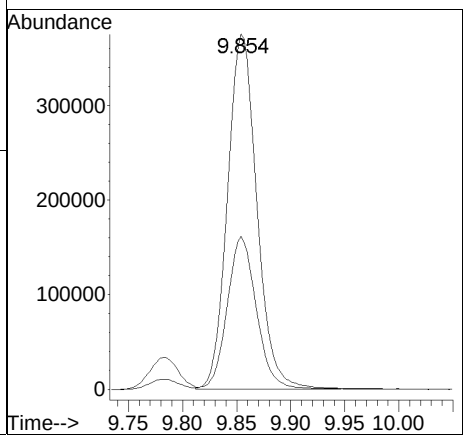


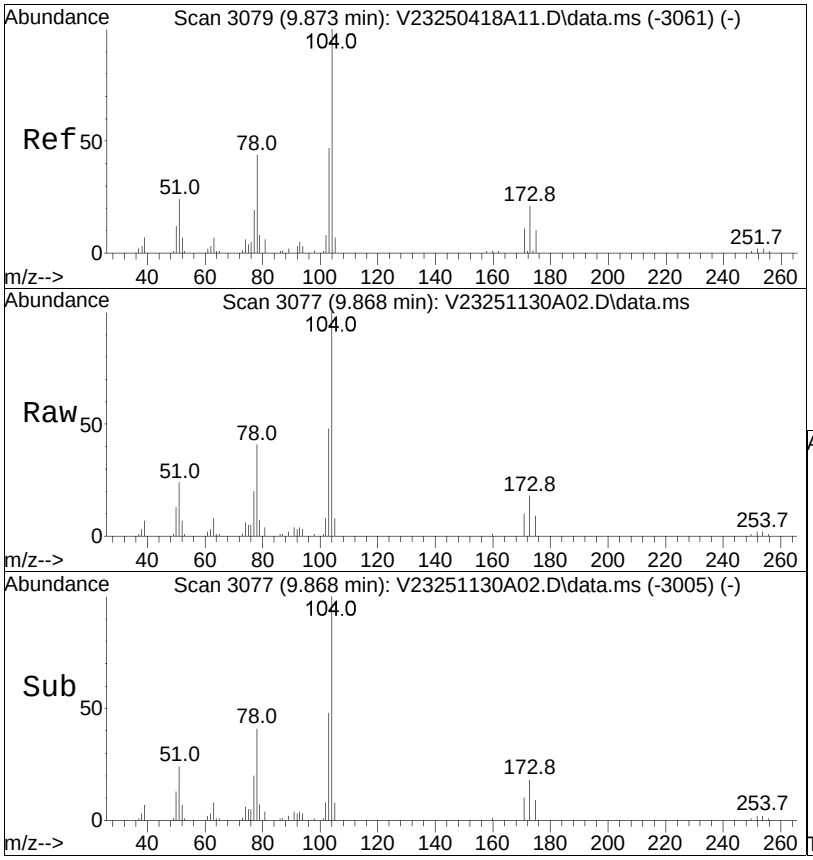


#78
Styrene
Concen: 85.37 ug/L
RT: 9.854 min Scan# 3072
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:104 Resp: 707885

Ion	Ratio	Lower	Upper
104	100		
78	42.7	33.8	50.6

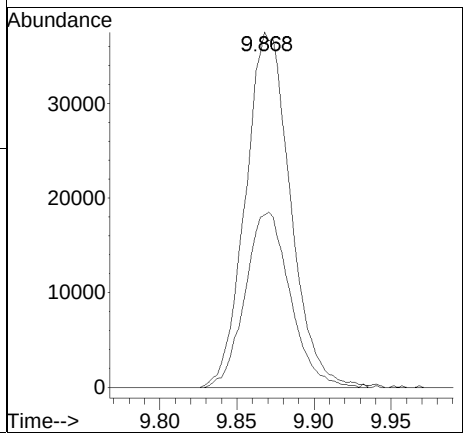


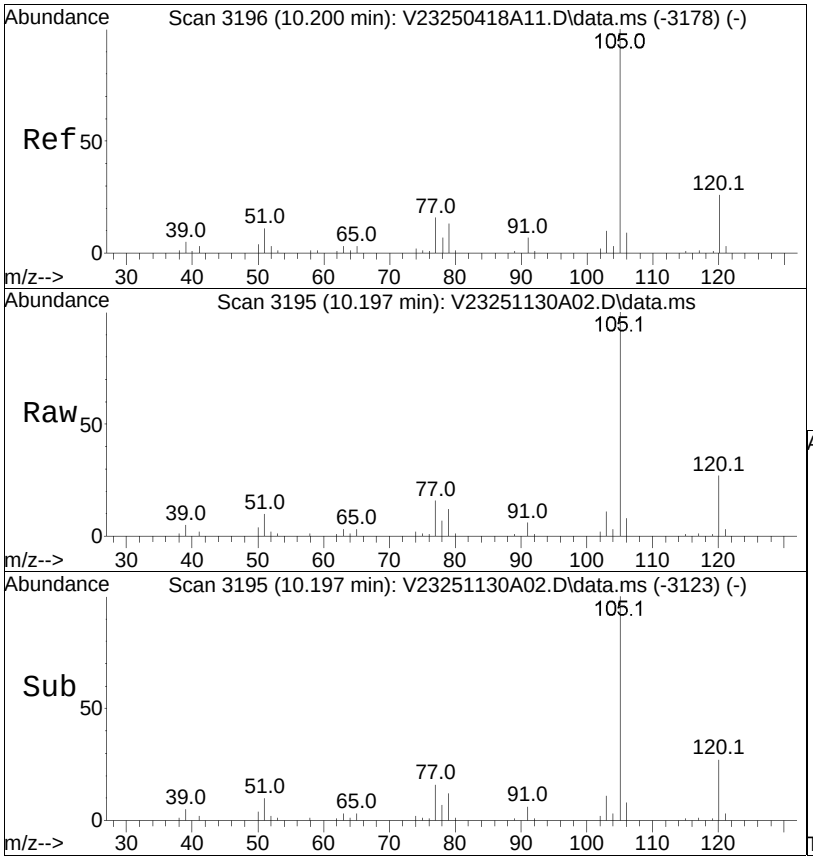


#80
Bromoform
Concen: 40.92 ug/L
RT: 9.868 min Scan# 3077
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:173 Resp: 76243

Ion	Ratio	Lower	Upper
173	100		
175	49.3	28.7	68.7

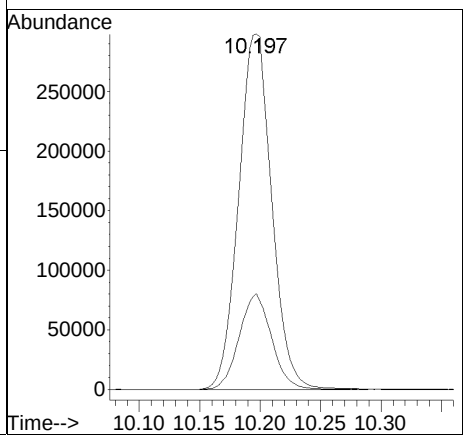


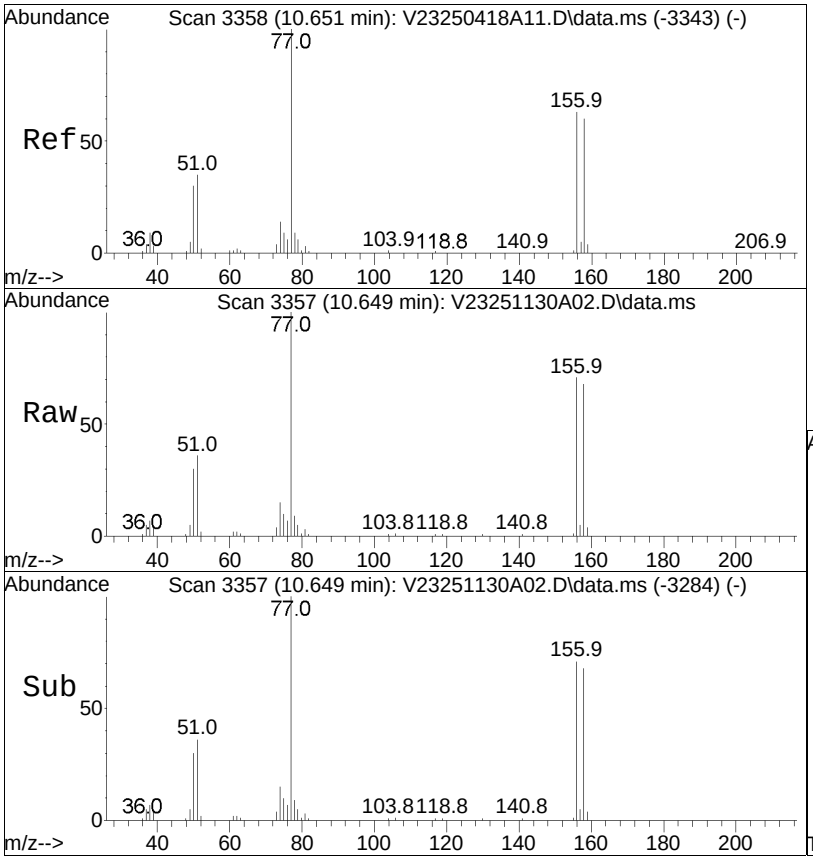


#82
Isopropylbenzene
Concen: 44.08 ug/L
RT: 10.197 min Scan# 3195
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:105 Resp: 567200

Ion	Ratio	Lower	Upper
105	100		
120	26.3	6.6	46.6

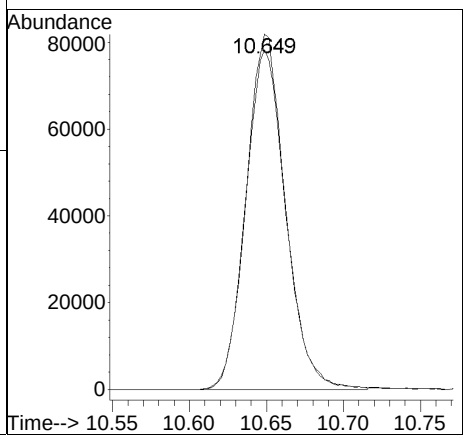


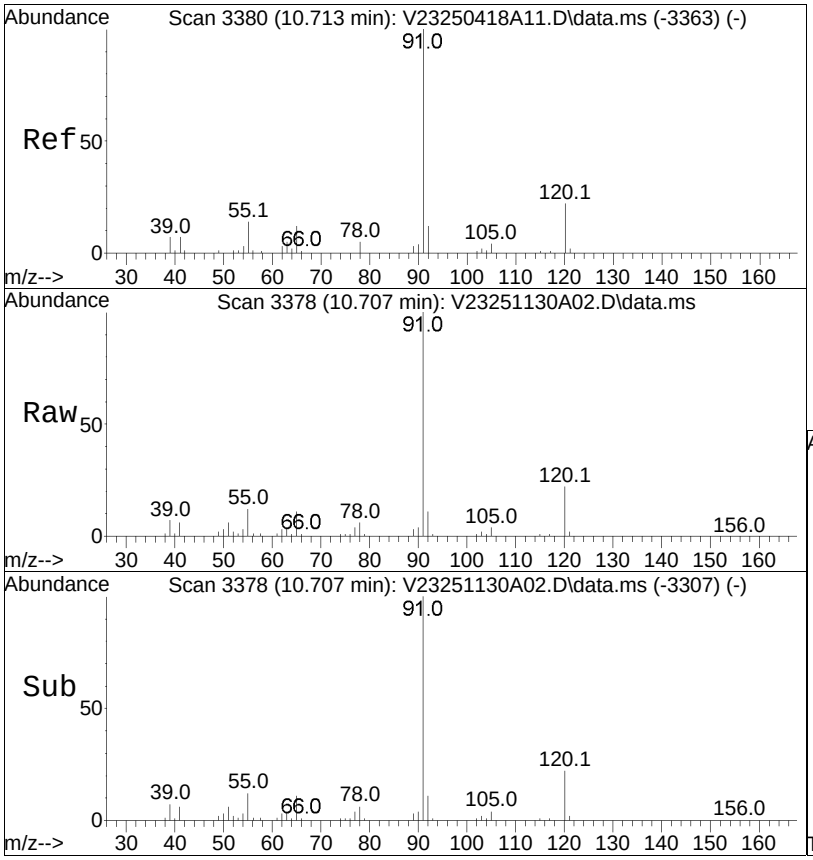


#84
Bromobenzene
Concen: 41.93 ug/L
RT: 10.649 min Scan# 3357
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:156 Resp: 145445

Ion	Ratio	Lower	Upper
156	100		
158	97.3	77.7	116.5

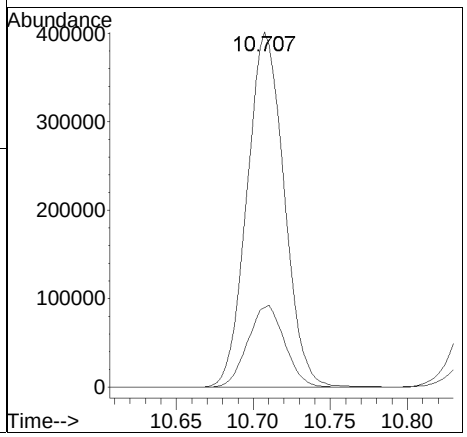


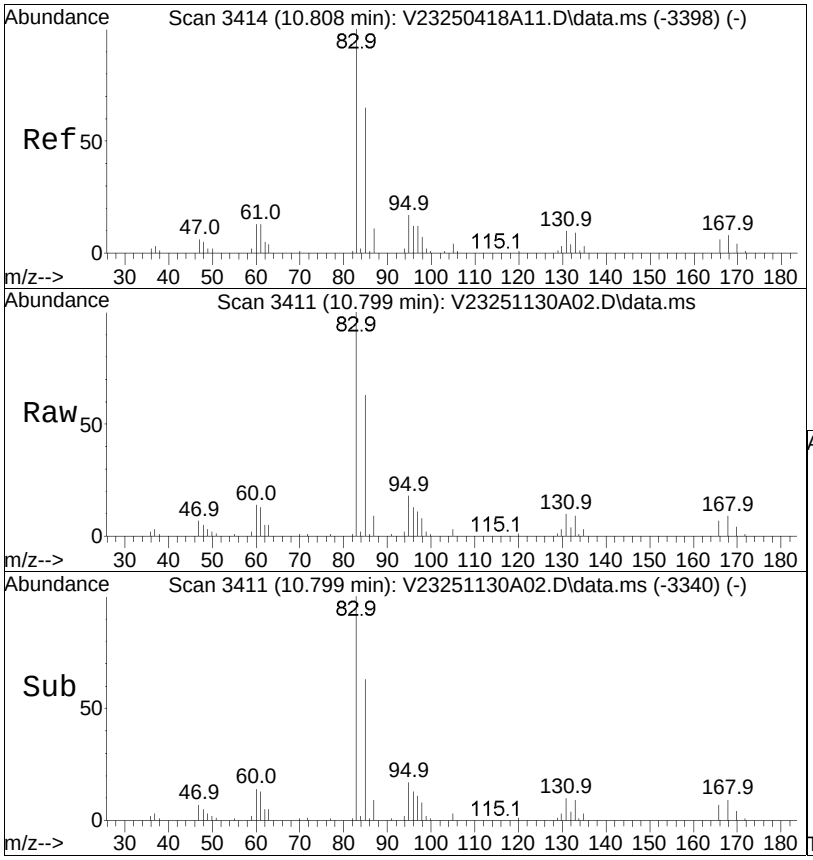


#85
n-Propylbenzene
Concen: 43.73 ug/L
RT: 10.707 min Scan# 3378
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 91 Resp: 669864

Ion	Ratio	Lower	Upper
91	100		
120	23.1	18.2	27.2

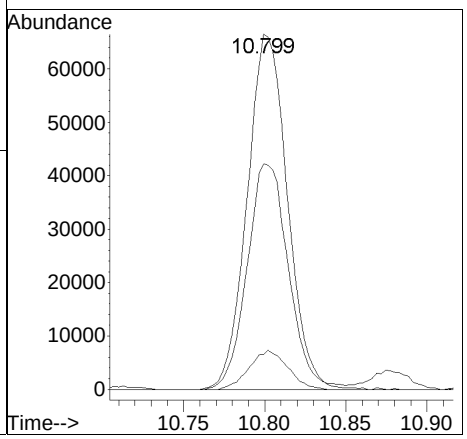


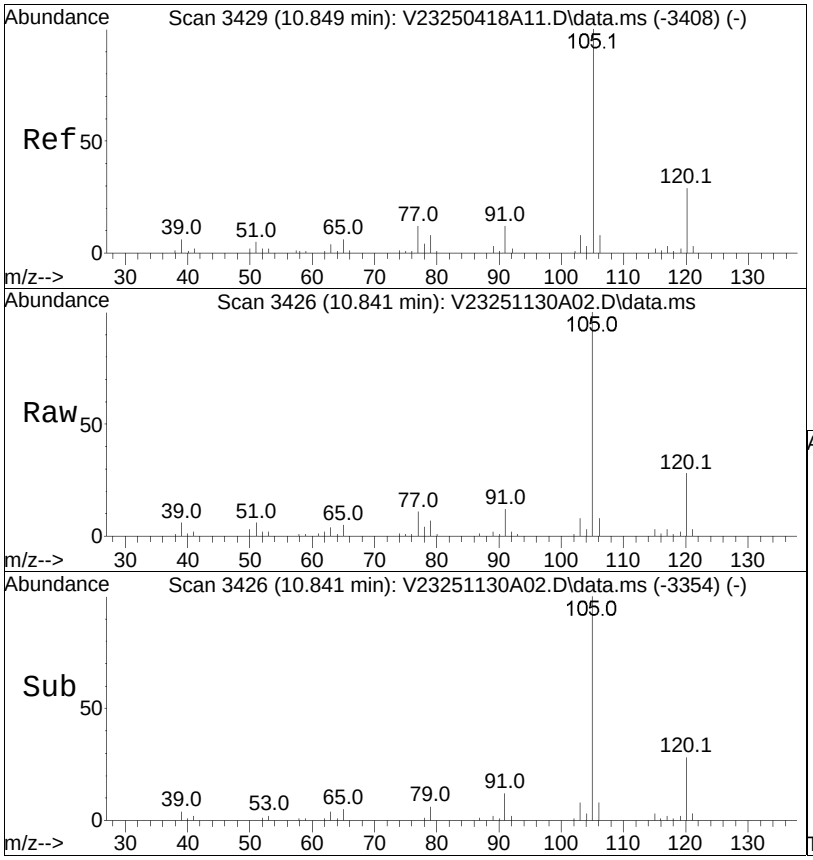


#87
1,1,2,2-Tetrachloroethane
Concen: 40.48 ug/L
RT: 10.799 min Scan# 3411
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 83 Resp: 114617

Ion	Ratio	Lower	Upper
83	100		
131	10.5	0.0	30.1
85	65.3	45.1	85.1

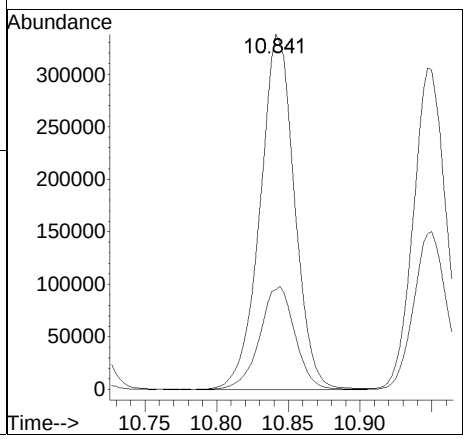


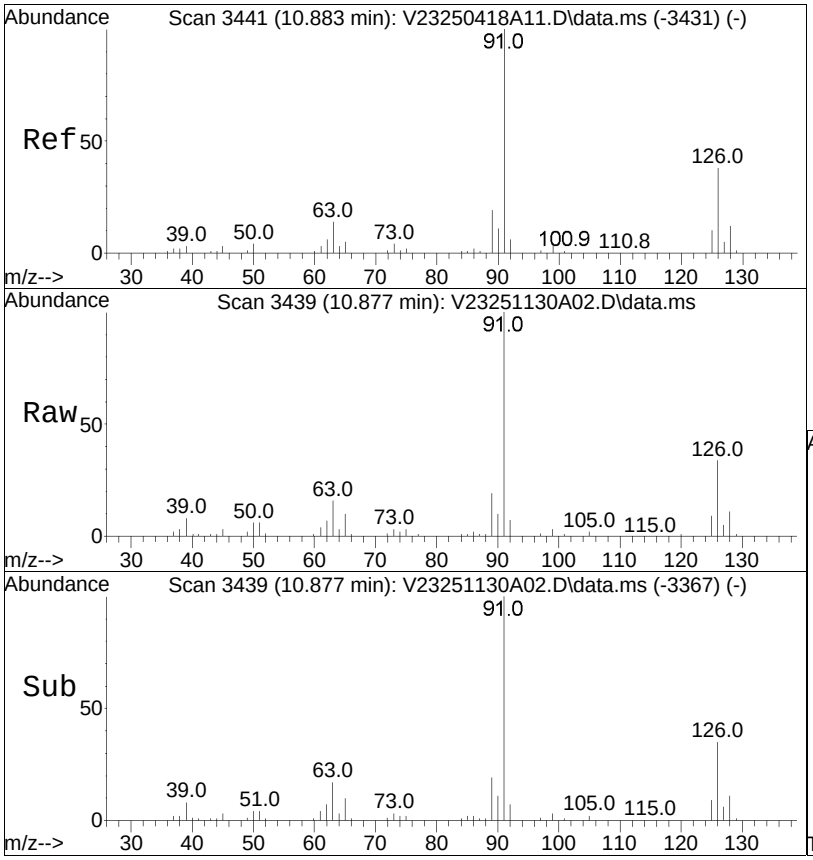


#88
4-Ethyltoluene
Concen: 44.37 ug/L
RT: 10.841 min Scan# 3426
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:105 Resp: 565561

Ion	Ratio	Lower	Upper
105	100		
120	29.6	19.4	40.4

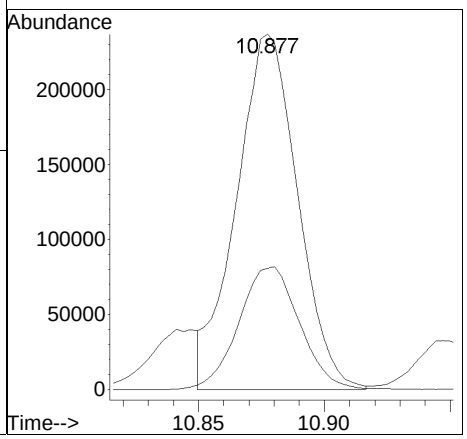


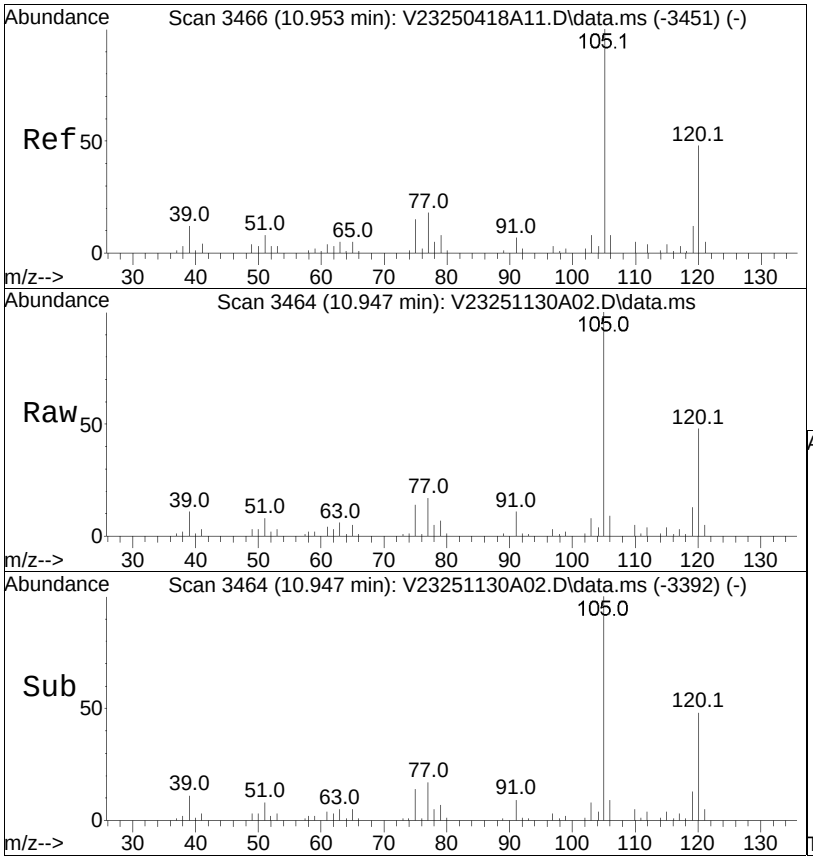


#89
2-Chlorotoluene
Concen: 42.01 ug/L M6
RT: 10.877 min Scan# 3439
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 91 Resp: 401741

Ion	Ratio	Lower	Upper
91	100		
126	34.1	26.7	40.1

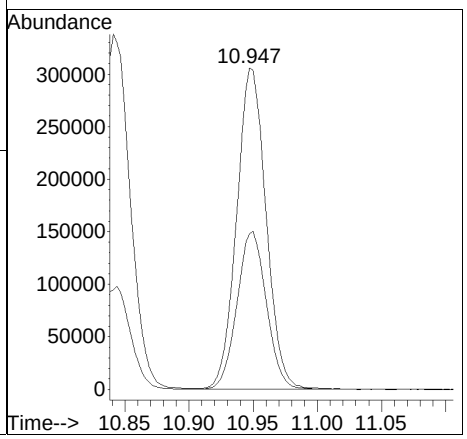


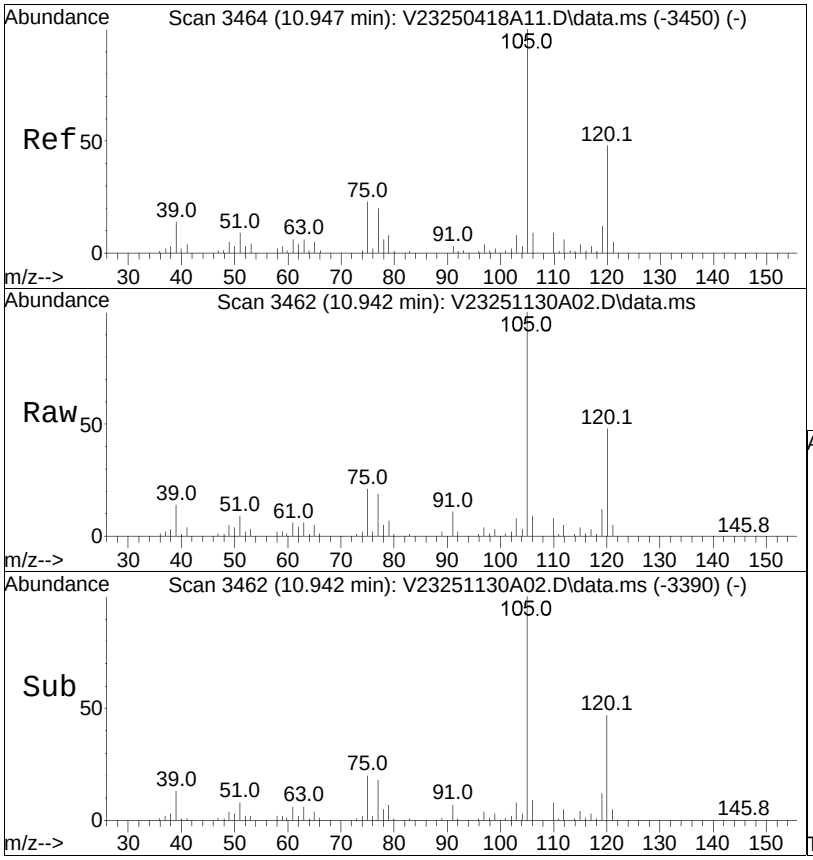


#90
1,3,5-Trimethylbenzene
Concen: 43.06 ug/L
RT: 10.947 min Scan# 3464
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:105 Resp: 486891

Ion	Ratio	Lower	Upper
105	100		
120	48.9	39.9	59.9

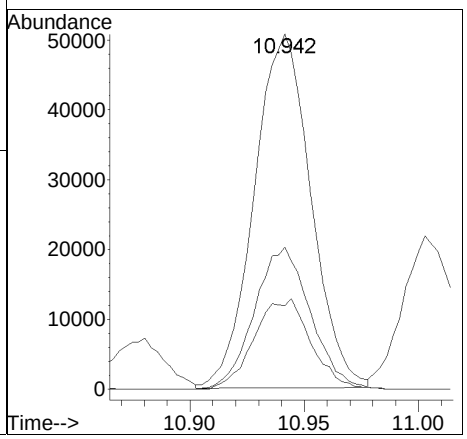


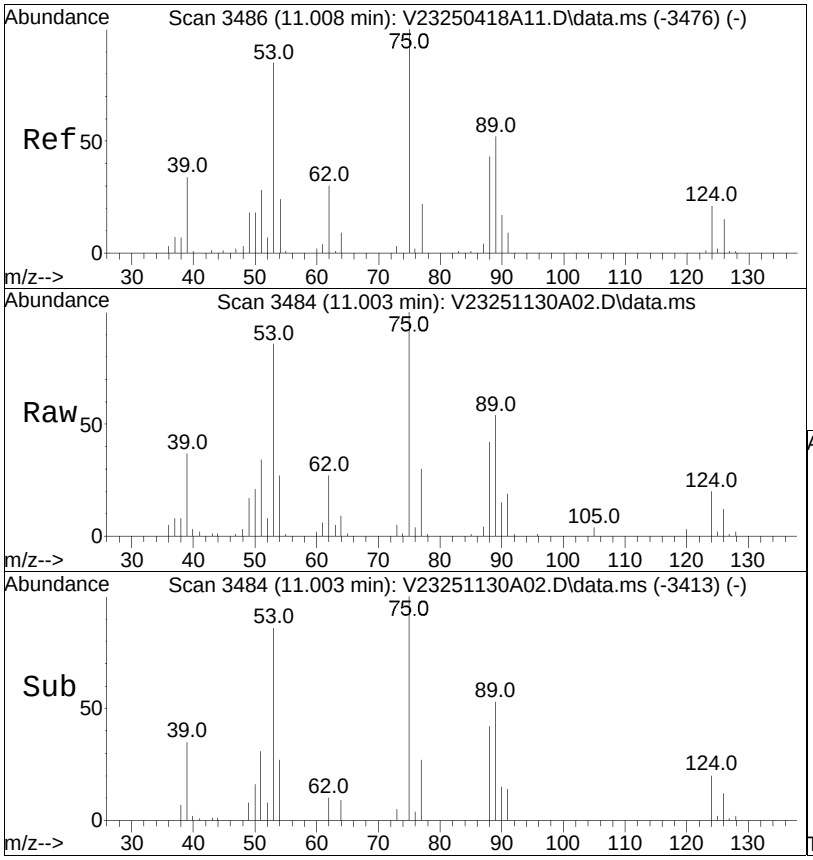


#91
1,2,3-Trichloropropane
Concen: 39.14 ug/L
RT: 10.942 min Scan# 3462
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 75 Resp: 87614

Ion	Ratio	Lower	Upper
75	100		
110	39.7	24.6	51.0
112	25.6	15.7	32.5

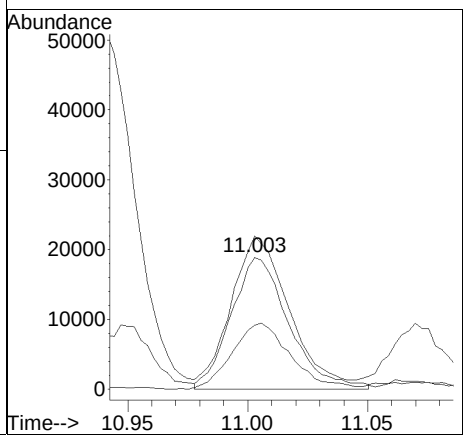


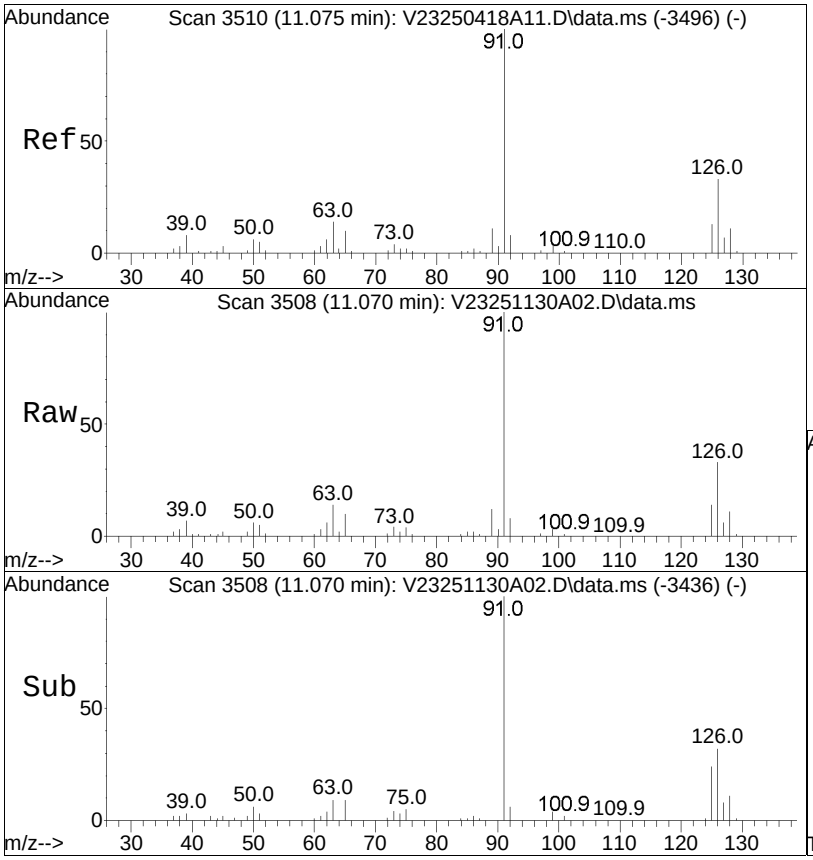


#92
trans-1,4-Dichloro-2-butene
Concen: 40.20 ug/L M4
RT: 11.003 min Scan# 3484
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 53 Resp: 31796

Ion	Ratio	Lower	Upper
53	100		
88	51.0	45.1	67.7
75	112.0	116.5	174.7#

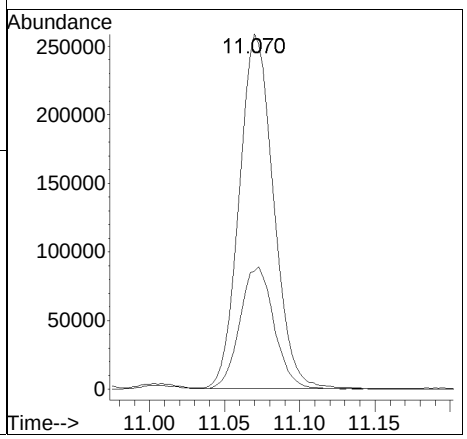


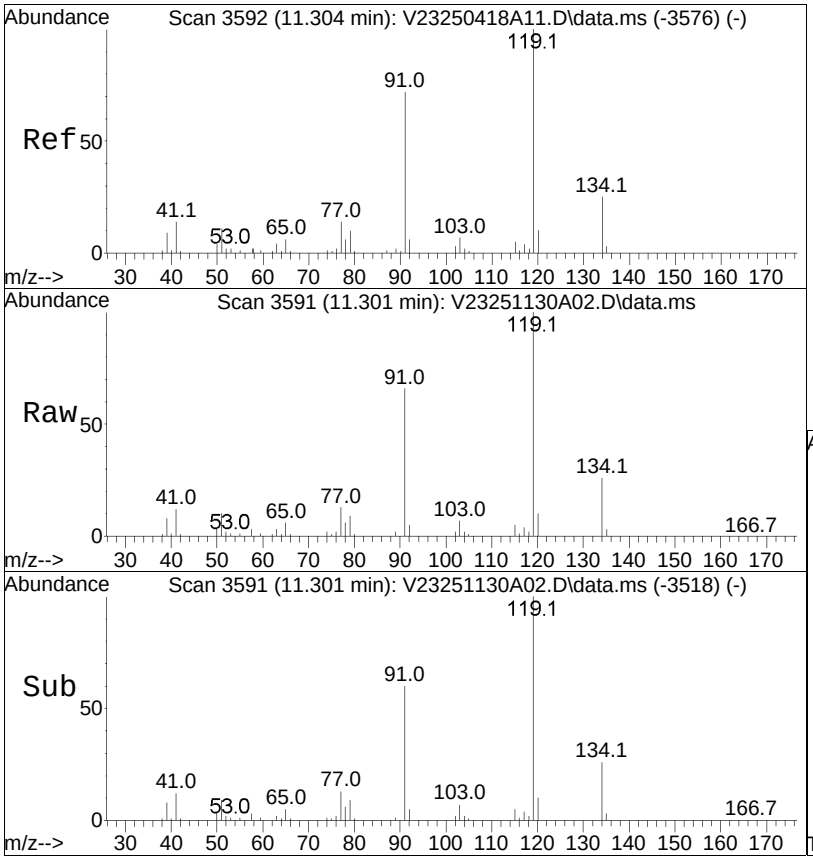


#93
4-Chlorotoluene
Concen: 41.85 ug/L
RT: 11.070 min Scan# 3508
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 91 Resp: 406779

Ion	Ratio	Lower	Upper
91	100		
126	34.8	26.9	40.3

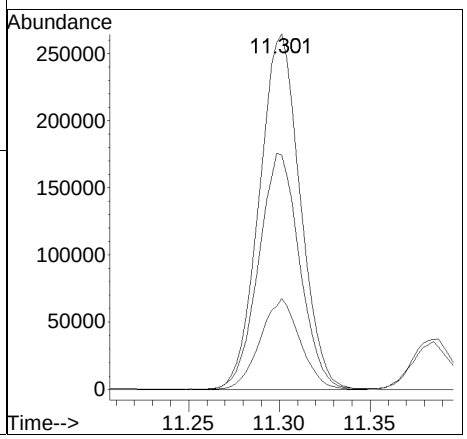


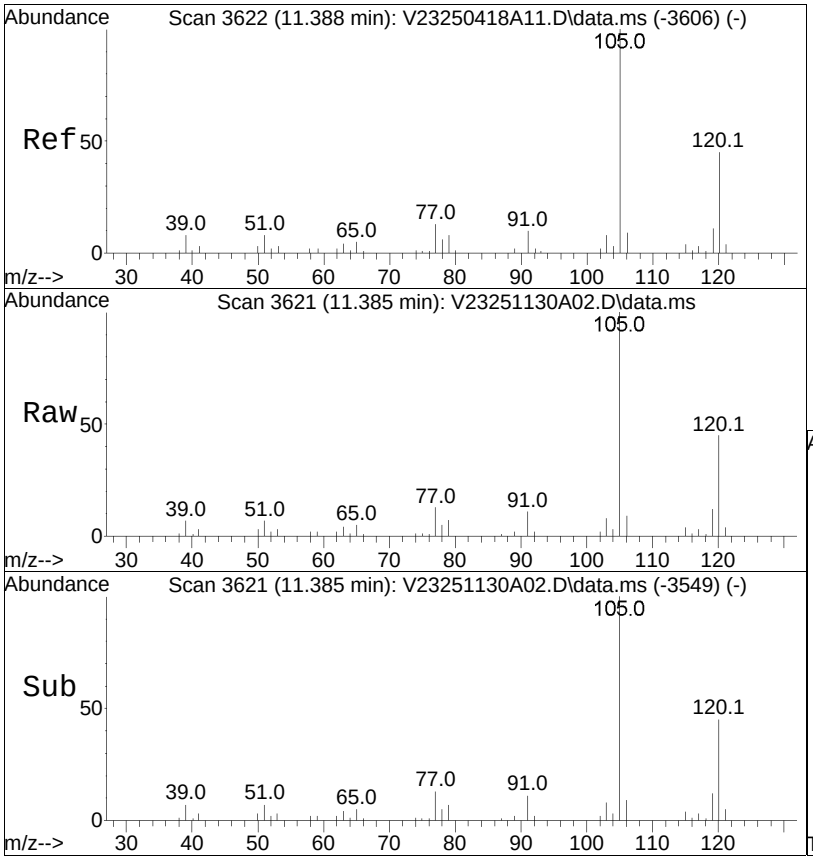


#94
tert-Butylbenzene
Concen: 43.83 ug/L
RT: 11.301 min Scan# 3591
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:119 Resp: 414917

Ion	Ratio	Lower	Upper
119	100		
91	66.9	53.1	79.7
134	24.9	20.4	30.6

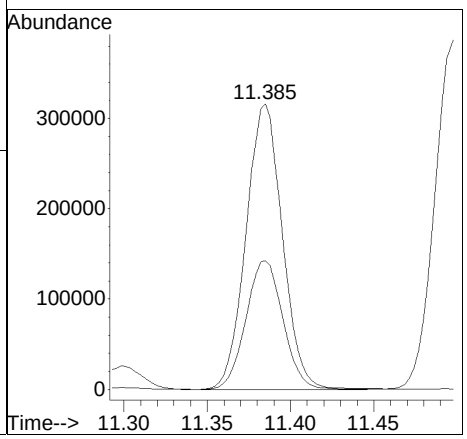


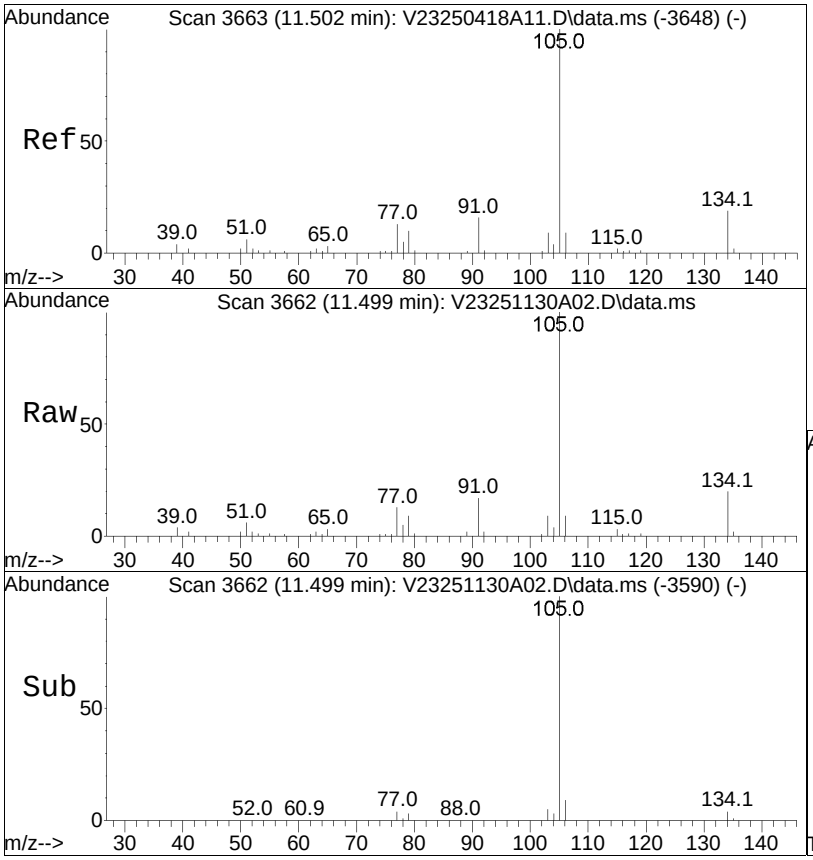


#97
1,2,4-Trimethylbenzene
Concen: 42.74 ug/L
RT: 11.385 min Scan# 3621
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:105 Resp: 480295

Ion	Ratio	Lower	Upper
105	100		
120	45.9	36.9	55.3

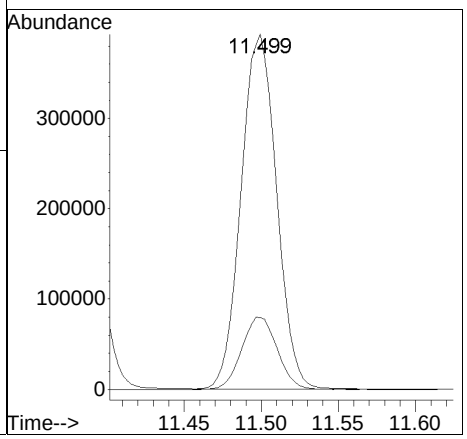


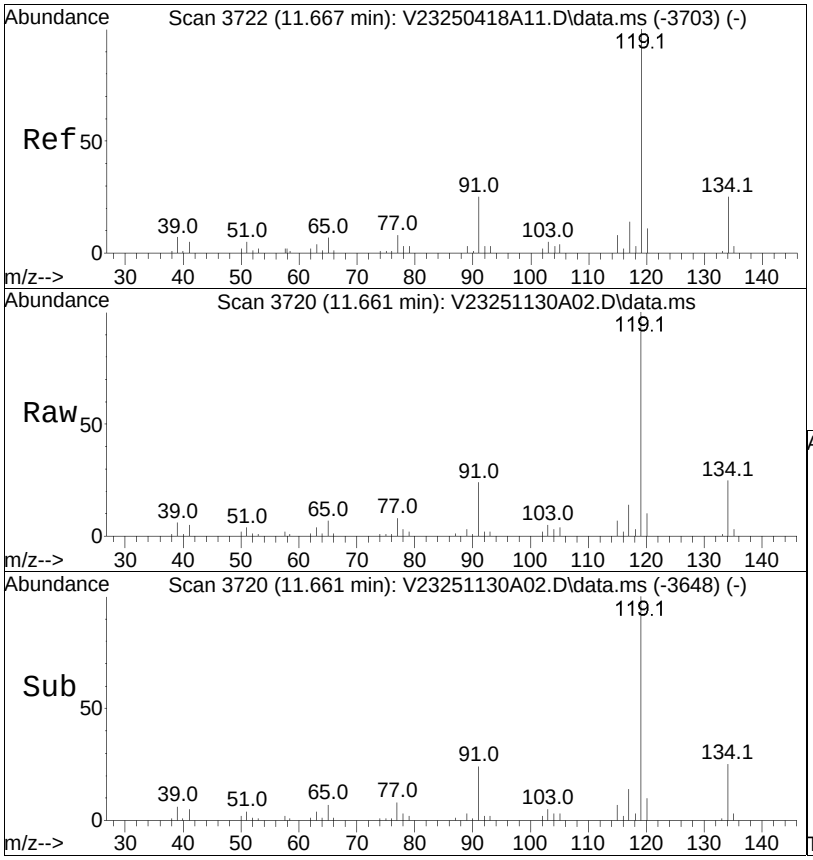


#98
sec-Butylbenzene
Concen: 44.35 ug/L
RT: 11.499 min Scan# 3662
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:105 Resp: 628135

Ion	Ratio	Lower	Upper
105	100		
134	20.3	13.1	27.1

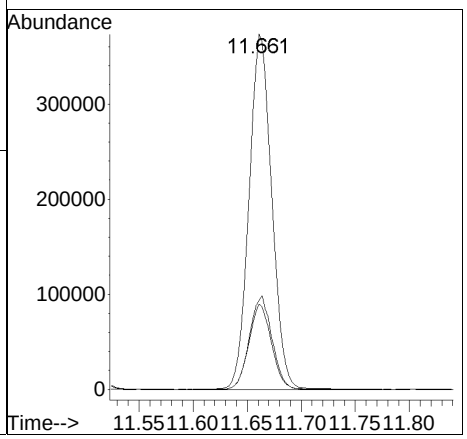


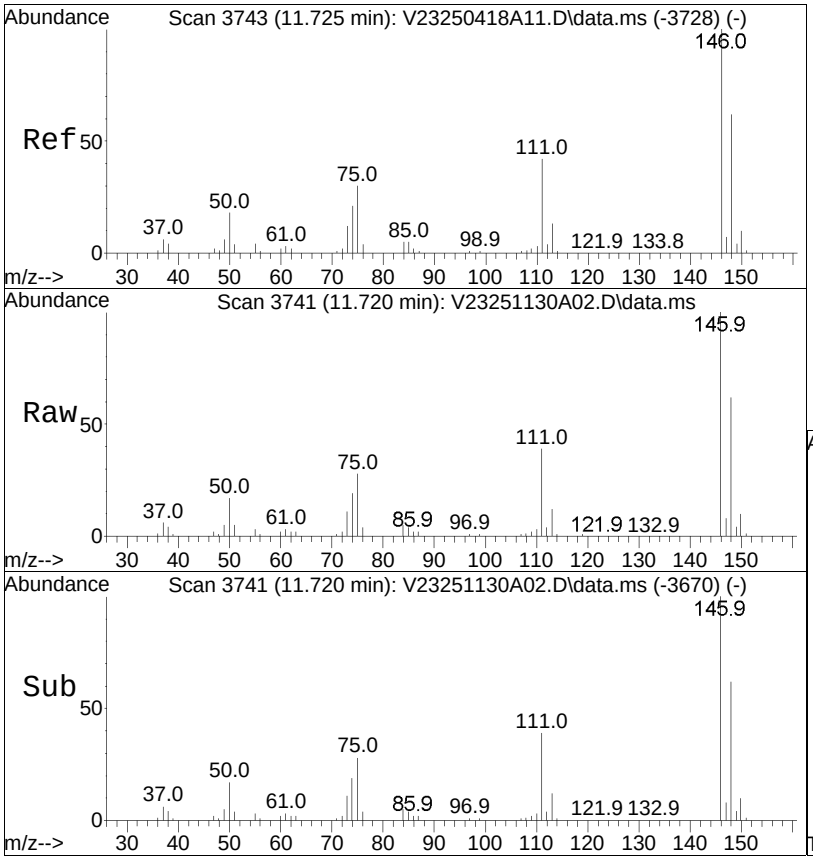


#99
p-Isopropyltoluene
Concen: 44.55 ug/L
RT: 11.661 min Scan# 3720
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:119 Resp: 546365

Ion	Ratio	Lower	Upper
119	100		
134	26.1	17.2	35.6
91	23.7	15.1	31.3

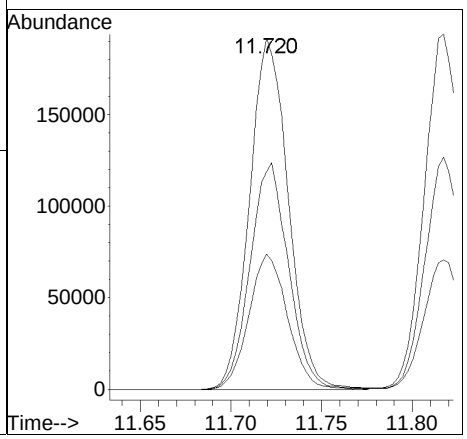


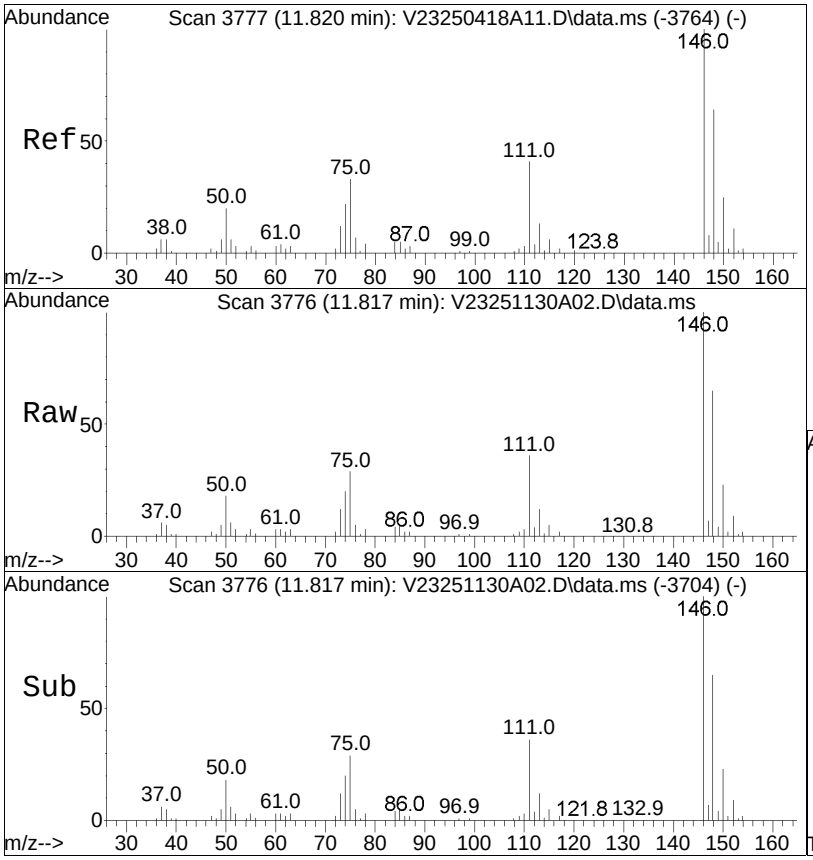


#100
1,3-Dichlorobenzene
Concen: 43.51 ug/L
RT: 11.720 min Scan# 3741
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:146 Resp: 285296

Ion	Ratio	Lower	Upper
146	100		
111	38.5	26.0	54.0
148	64.0	41.4	86.0

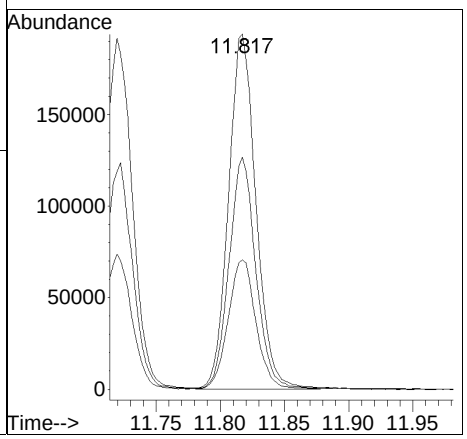


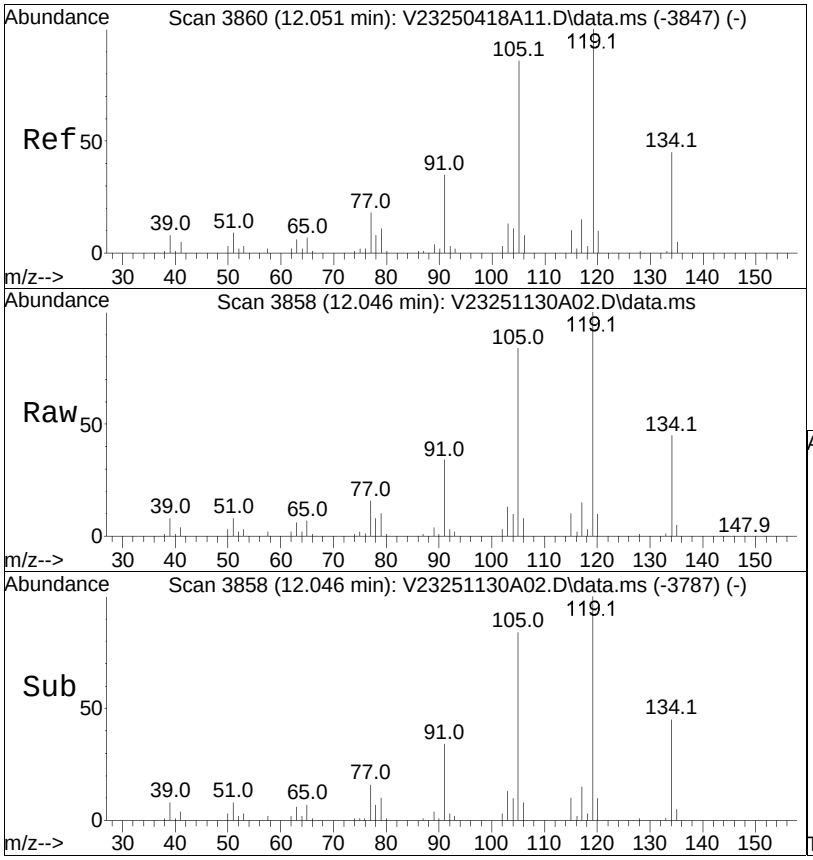


#101
1,4-Dichlorobenzene
Concen: 42.91 ug/L
RT: 11.817 min Scan# 3776
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:146 Resp: 288259

Ion	Ratio	Lower	Upper
146	100		
111	36.8	31.1	46.7
148	63.3	50.8	76.2

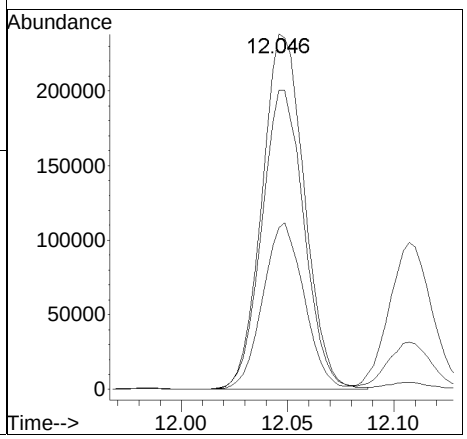


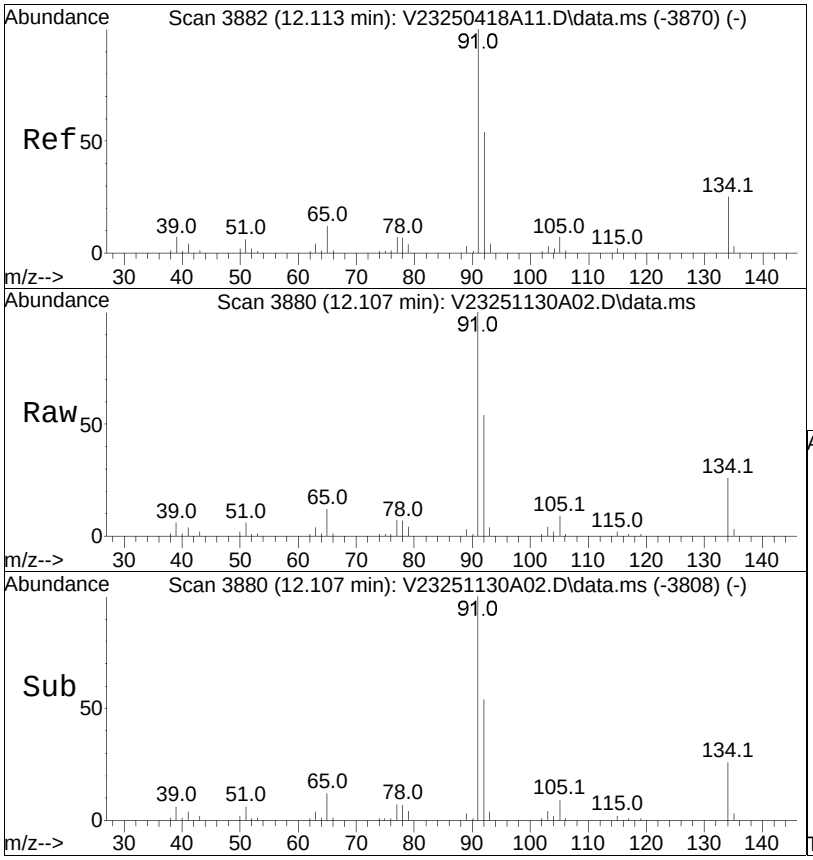


#102
p-Diethylbenzene
Concen: 45.53 ug/L
RT: 12.046 min Scan# 3858
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:119 Resp: 330607

Ion	Ratio	Lower	Upper
119	100		
105	83.9	55.1	114.5
134	45.6	30.0	62.2

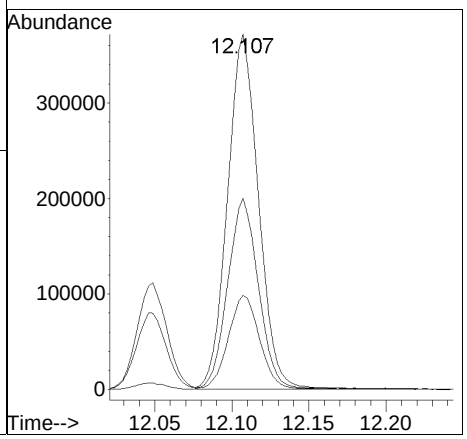


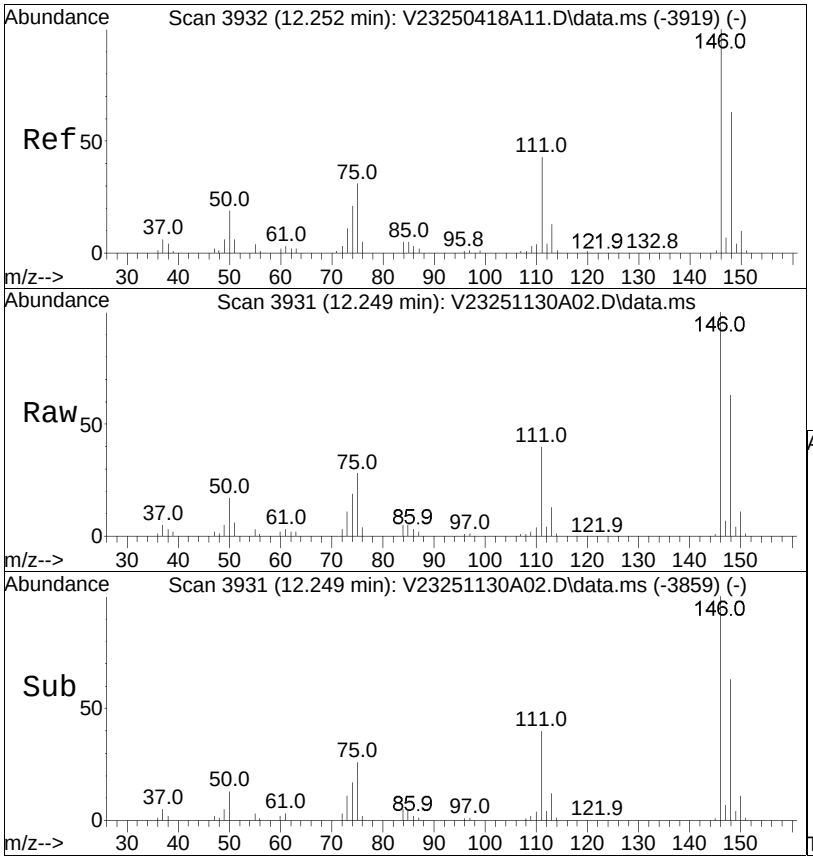


#103
n-Butylbenzene
Concen: 47.07 ug/L
RT: 12.107 min Scan# 3880
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 91 Resp: 517926

Ion	Ratio	Lower	Upper
91	100		
92	53.5	44.2	66.4
134	26.8	21.2	31.8

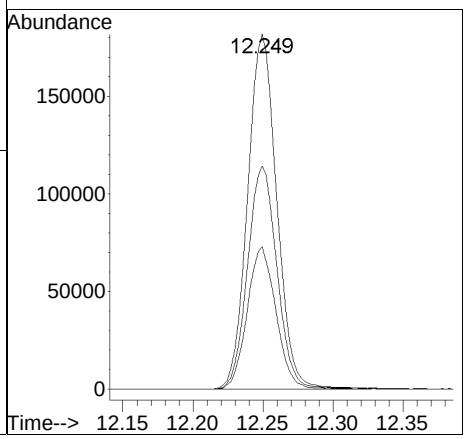


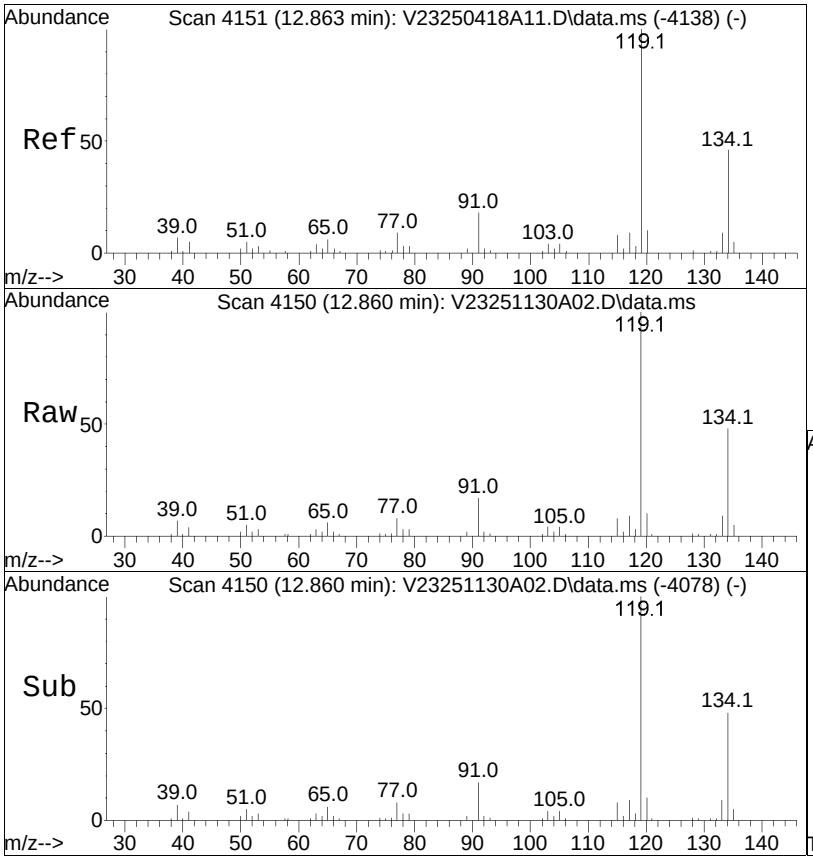


#104
1,2-Dichlorobenzene
Concen: 42.94 ug/L
RT: 12.249 min Scan# 3931
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:146 Resp: 263950

Ion	Ratio	Lower	Upper
146	100		
111	39.9	26.8	55.8
148	63.6	41.3	85.7

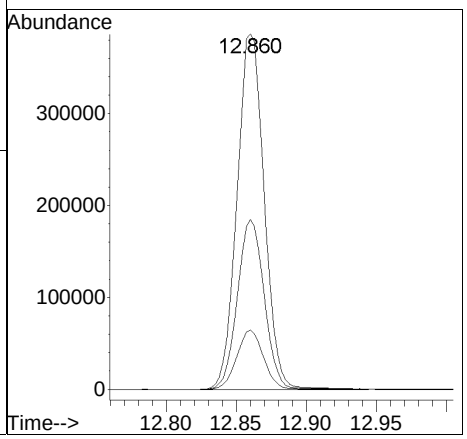


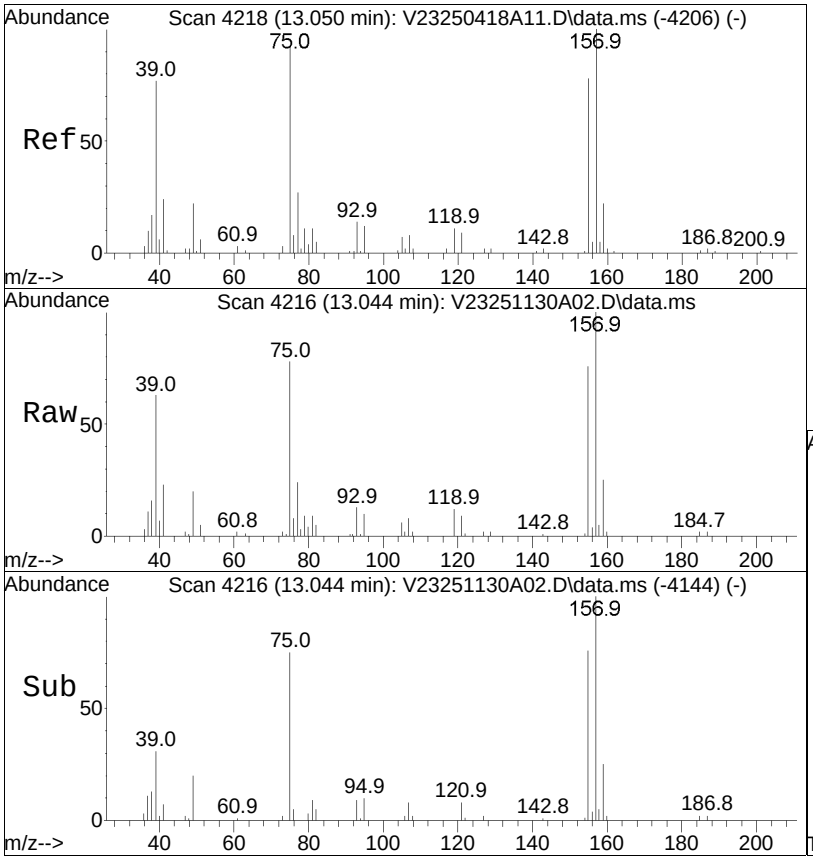


#105
1,2,4,5-Tetramethylbenzene
Concen: 44.19 ug/L
RT: 12.860 min Scan# 4150
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:119 Resp: 522484

Ion	Ratio	Lower	Upper
119	100		
134	47.3	31.3	64.9
91	16.4	10.3	21.3

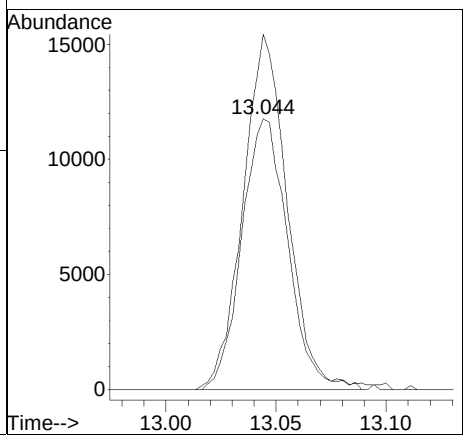


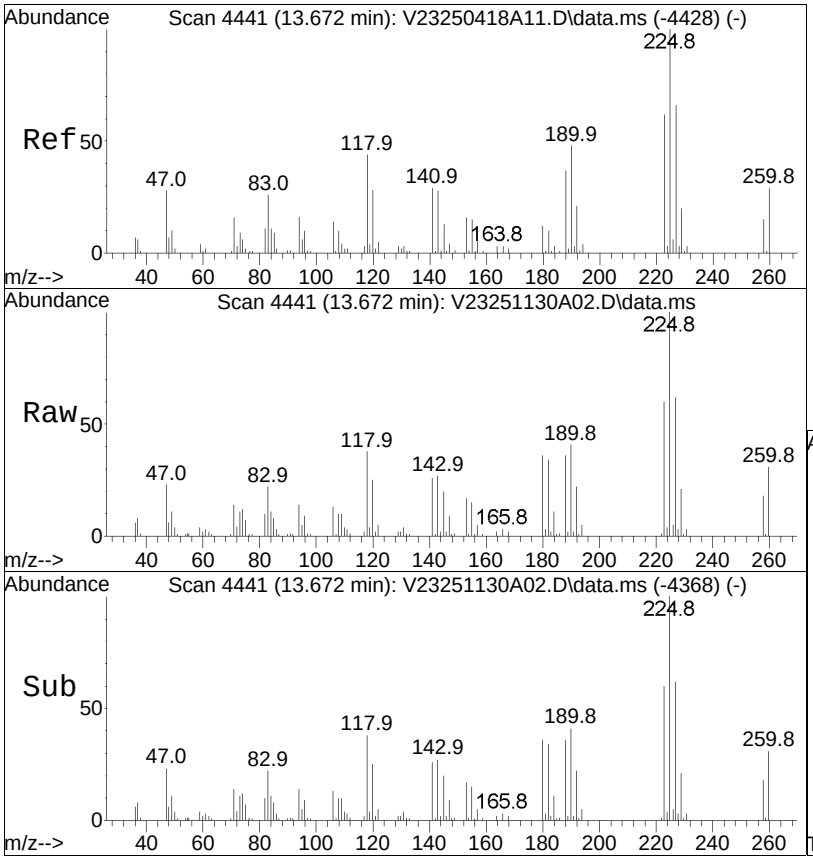


#106
1,2-Dibromo-3-chloropropane
Concen: 39.50 ug/L
RT: 13.044 min Scan# 4216
Delta R.T. 0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:155 Resp: 17113

Ion	Ratio	Lower	Upper
155	100		
157	126.8	101.5	152.3

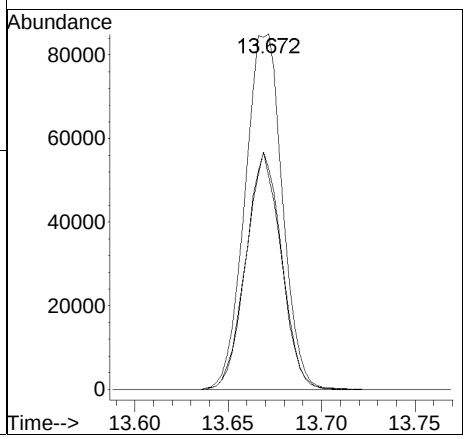


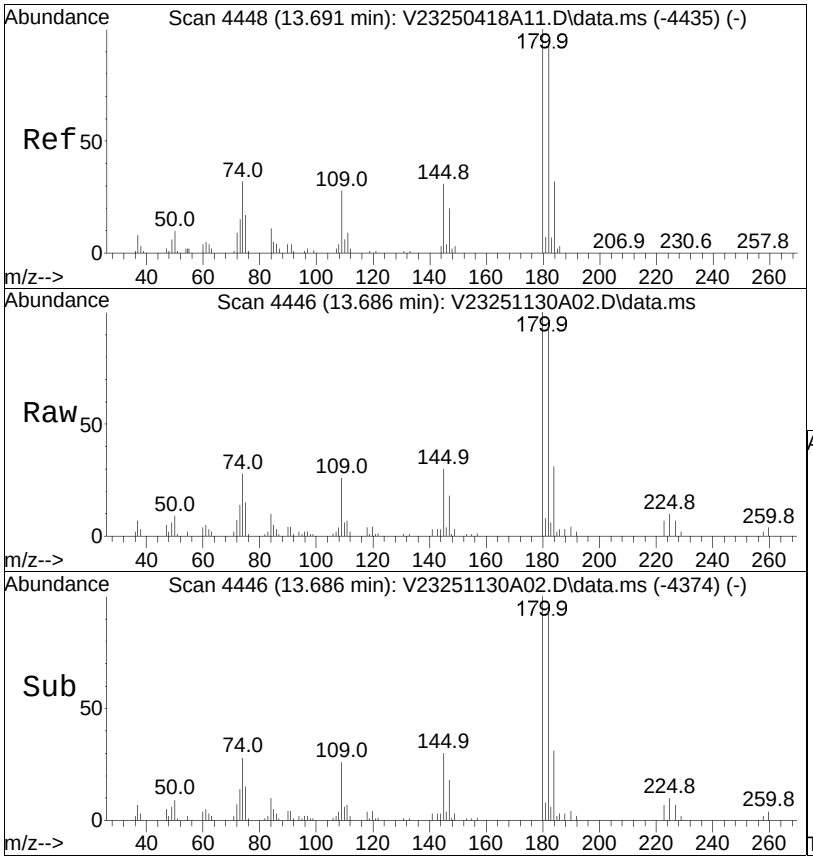


#108
Hexachlorobutadiene
Concen: 47.12 ug/L
RT: 13.672 min Scan# 4441
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:225 Resp: 118481

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.9	74.9
227	63.5	50.7	76.1

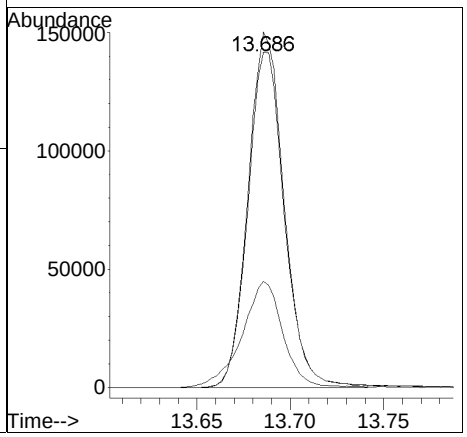


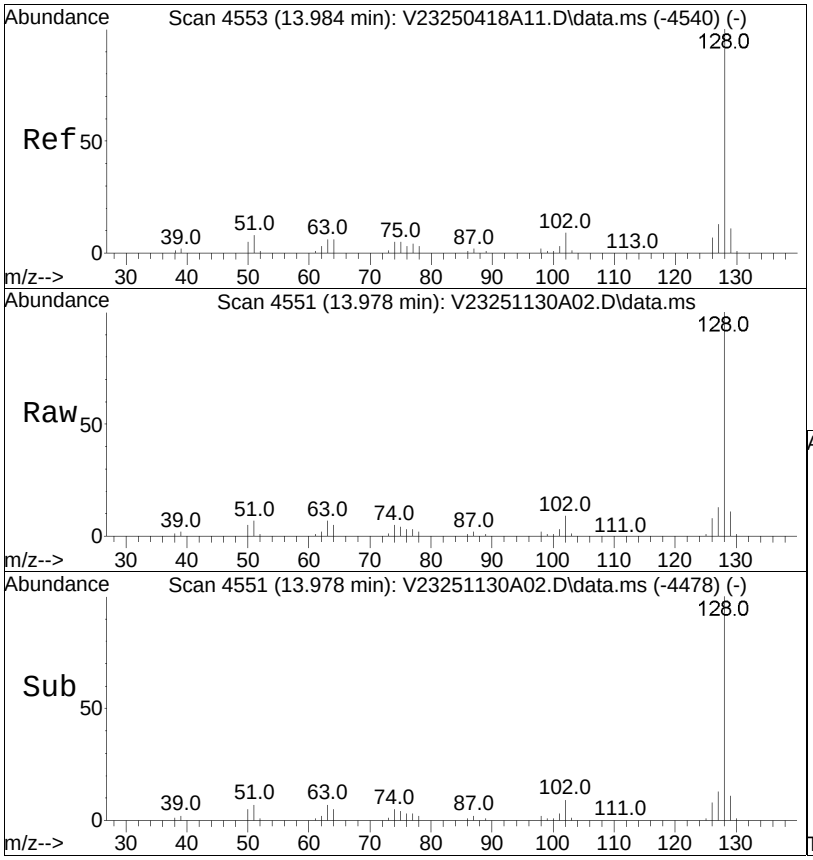


#109
1,2,4-Trichlorobenzene
Concen: 45.52 ug/L
RT: 13.686 min Scan# 4446
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:180 Resp: 201645

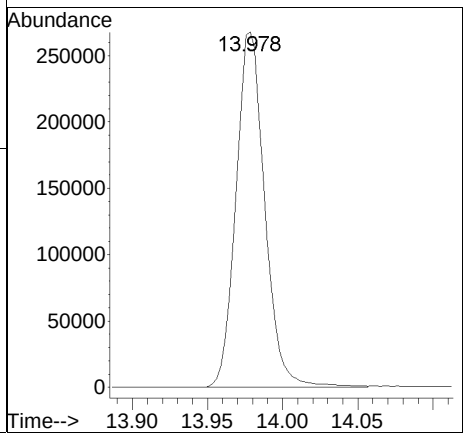
Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.2	114.4
145	33.9	27.4	41.2

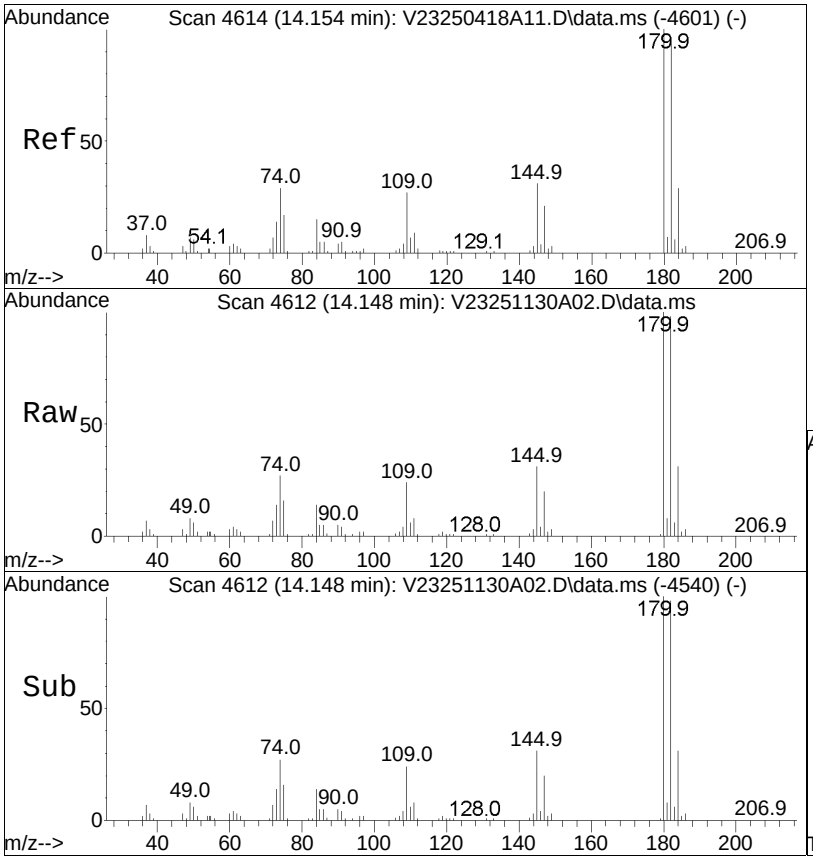




#110
Naphthalene
Concen: 42.11 ug/L
RT: 13.978 min Scan# 4551
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:128 Resp: 357504

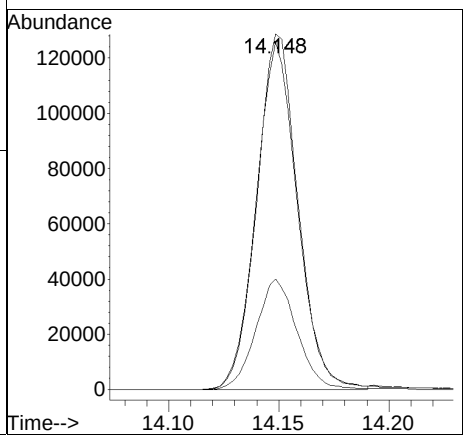




#111
1,2,3-Trichlorobenzene
Concen: 44.48 ug/L
RT: 14.148 min Scan# 4612
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:180 Resp: 168707

Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.4	113.0
145	31.0	25.2	37.8

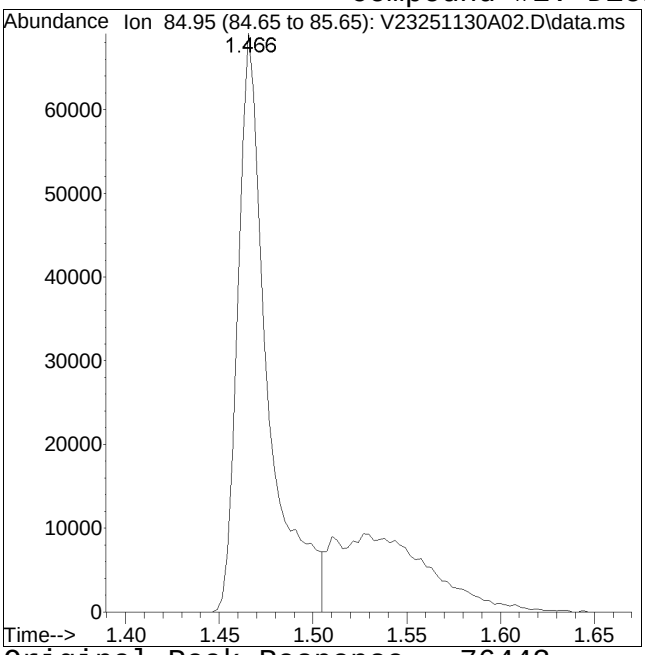


Manual Integration Report

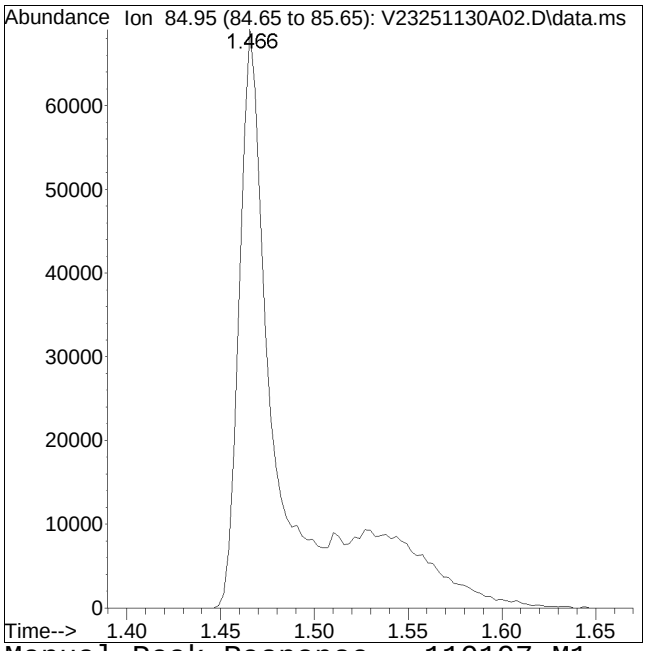
Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A02.D
Date Inj'd : 11/30/2025 5:05 pm
Sample : WG2147797-4,31,5,5

QMethod : V123_251103N_8260.m
Operator : VOA123:RAW
Instrument : VOA123
Quant Date : 11/30/2025 5:37 pm

Compound #2: Dichlorodifluoromethane



Original Peak Response = 76443



Manual Peak Response = 110107 M1

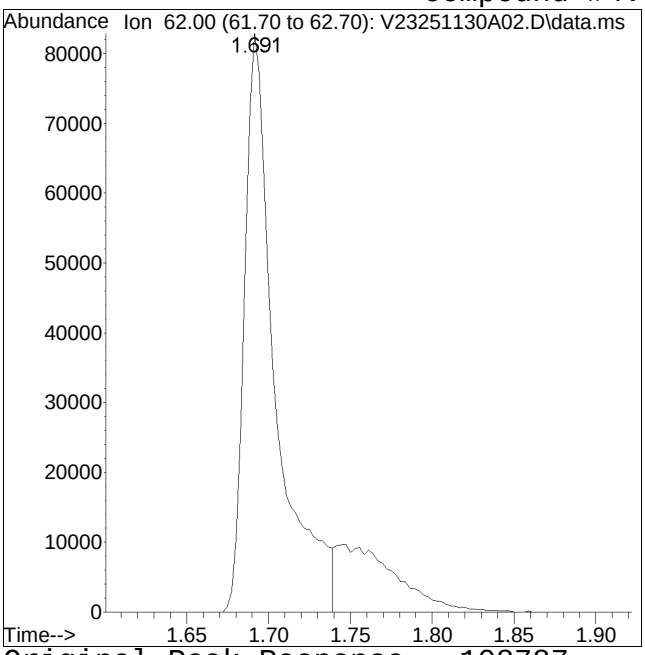
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

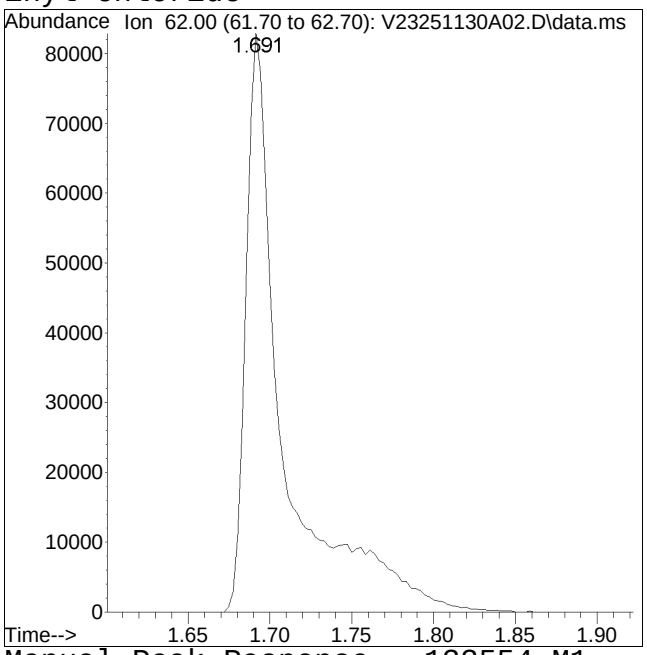
Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A02.D
Date Inj'd : 11/30/2025 5:05 pm
Sample : WG2147797-4,31,5,5

QMethod : V123_251103N_8260.m
Operator : VOA123:RAW
Instrument : VOA123
Quant Date : 11/30/2025 5:37 pm

Compound #4: Vinyl chloride



Original Peak Response = 108787



Manual Peak Response = 133554 M1

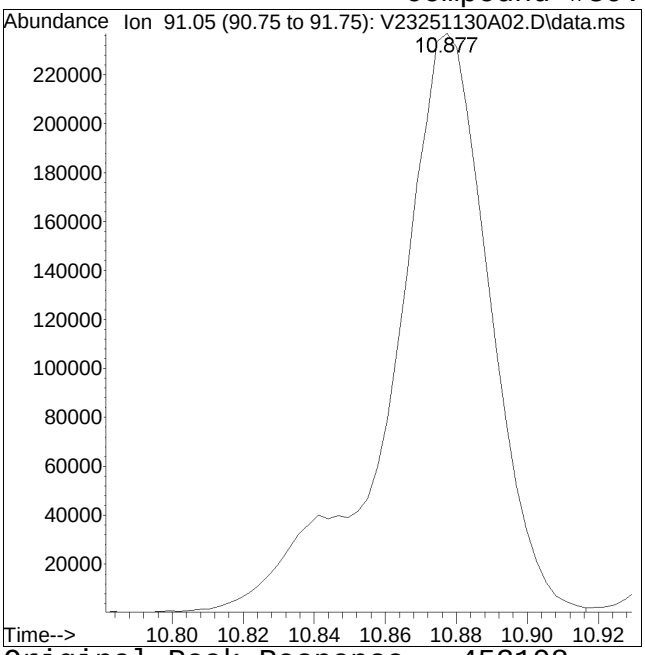
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

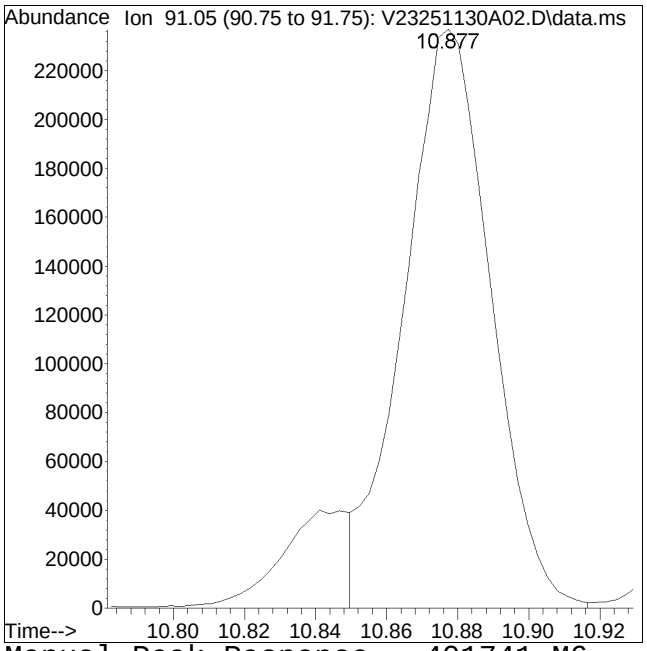
Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A02.D
Date Inj'd : 11/30/2025 5:05 pm
Sample : WG2147797-4,31,5,5

QMethod : V123_251103N_8260.m
Operator : VOA123:RAW
Instrument : VOA123
Quant Date : 11/30/2025 5:37 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 453108



Manual Peak Response = 401741 M6

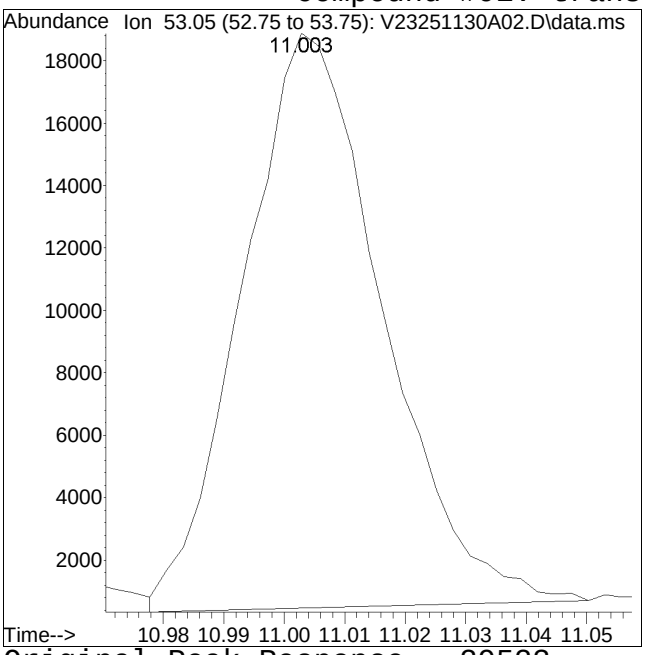
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

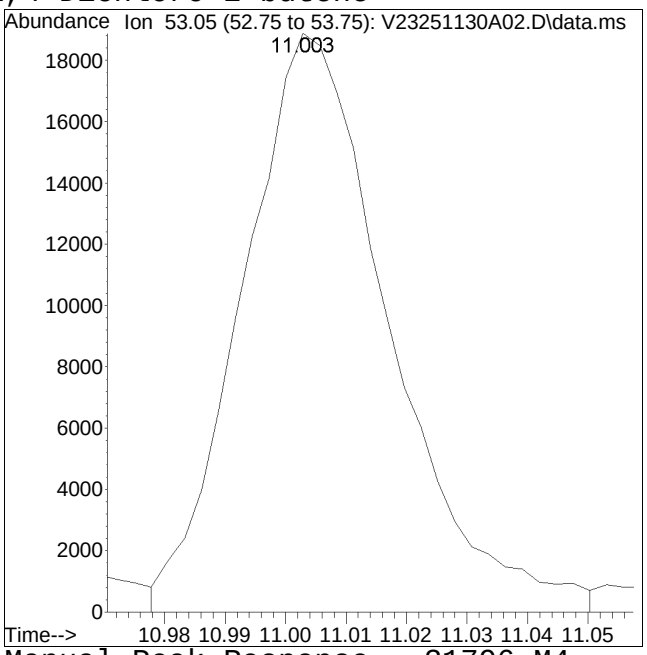
Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A02.D
Date Inj'd : 11/30/2025 5:05 pm
Sample : WG2147797-4,31,5,5

QMethod : V123_251103N_8260.m
Operator : VOA123:RAW
Instrument : VOA123
Quant Date : 11/30/2025 5:37 pm

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 29523



Manual Peak Response = 31796 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A03.D
Acq On : 29 Nov 2025 10:43 am
Operator : VOA123:MNF
Sample : WG2148016-4,31h,15,15,0.1
Misc : WG2148016,ICAL22792
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 29 11:57:47 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.520	96	201028	20.000 ug/L	0.00
Standard Area 1 = 206936			Recovery = 97.15%		
59) Chlorobenzene-d5	8.989	117	152284	20.000 ug/L	0.00
Standard Area 1 = 154785			Recovery = 98.38%		
79) 1,4-Dichlorobenzene-d4	11.803	152	84635	20.000 ug/L	0.00
Standard Area 1 = 86212			Recovery = 98.17%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.734	113	50376	19.894 ug/L	0.00
Spiked Amount 20.000		Range 70 - 130		Recovery = 99.47%	
43) 1,2-Dichloroethane-d4	5.241	65	48765	18.815 ug/L	0.00
Spiked Amount 20.000		Range 70 - 130		Recovery = 94.08%	
60) Toluene-d8	7.174	98	195939	19.026 ug/L	0.00
Spiked Amount 20.000		Range 70 - 130		Recovery = 95.13%	
83) 4-Bromofluorobenzene	10.540	95	71346	18.856 ug/L	0.00
Spiked Amount 20.000		Range 70 - 130		Recovery = 94.28%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.465	85	118417M1	53.480 ug/L	
3) Chloromethane	1.666	50	117377	48.739 ug/L	97
4) Vinyl chloride	1.691	62	143661M1	54.957 ug/L	
5) Bromomethane	1.962	94	111445	66.652 ug/L	99
6) Chloroethane	2.071	64	94496	52.158 ug/L	99
7) Trichlorofluoromethane	2.190	101	221911M1	56.122 ug/L	
8) Ethyl ether	2.453	74	58778	44.455 ug/L	90
10) 1,1-Dichloroethene	2.628	96	99820	47.716 ug/L	91
11) Carbon disulfide	2.659	76	348022	45.157 ug/L	96
15) Methylene chloride	3.130	84	115418	42.501 ug/L	91
17) Acetone	3.169	43	34181	53.947 ug/L	93
18) trans-1,2-Dichloroethene	3.275	96	112211	45.883 ug/L	94
20) Methyl tert-butyl ether	3.364	73	298004	42.732 ug/L	96
23) 1,1-Dichloroethane	3.819	63	207015	46.032 ug/L	99
25) Acrylonitrile	3.866	53	24834	45.816 ug/L #	90
27) Vinyl acetate	4.045	43	215484	41.431 ug/L	94
28) cis-1,2-Dichloroethene	4.313	96	125739	44.861 ug/L	95
29) 2,2-Dichloropropane	4.407	77	175111	47.310 ug/L	90
30) Bromochloromethane	4.497	128	55882	44.644 ug/L	97
32) Chloroform	4.566	83	209037	38.004 ug/L	97

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A03.D
Acq On : 29 Nov 2025 10:43 am
Operator : VOA123:MNF
Sample : WG2148016-4,31h,15,15,0.1
Misc : WG2148016,ICAL22792
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 29 11:57:47 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	4.695	117	169637	47.604	ug/L		100
37) 1,1,1-Trichloroethane	4.753	97	188305	49.517	ug/L		98
39) 2-Butanone	4.851	43	28731	37.632	ug/L	#	60
40) 1,1-Dichloropropene	4.879	75	152195	51.404	ug/L		99
41) Benzene	5.110	78	436735	46.603	ug/L		96
44) 1,2-Dichloroethane	5.305	62	150124	43.917	ug/L		99
48) Trichloroethene	5.693	95	124434	48.374	ug/L		100
50) Dibromomethane	6.117	93	66870	43.751	ug/L		98
51) 1,2-Dichloropropane	6.217	63	114103	44.231	ug/L		99
54) Bromodichloromethane	6.293	83	161679	44.638	ug/L		100
57) 1,4-Dioxane	6.510	88	33378M1	2231.238	ug/L		
58) cis-1,3-Dichloropropene	6.970	75	181402	45.523	ug/L	#	92
61) Toluene	7.232	92	284956	44.017	ug/L		99
62) 4-Methyl-2-pentanone	7.665	58	29441	42.715	ug/L		89
63) Tetrachloroethene	7.676	166	138131	49.603	ug/L		99
65) trans-1,3-Dichloropropene	7.712	75	158125	43.365	ug/L		99
68) 1,1,2-Trichloroethane	7.888	83	77593	41.732	ug/L		99
69) Chlorodibromomethane	8.094	129	119545	44.756	ug/L		98
70) 1,3-Dichloropropane	8.206	76	154989	42.219	ug/L		99
71) 1,2-Dibromoethane	8.362	107	91643	44.404	ug/L		98
72) 2-Hexanone	8.669	43	43798	35.401	ug/L		95
73) Chlorobenzene	9.009	112	326252	44.100	ug/L	#	86
74) Ethylbenzene	9.056	91	564306	44.035	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.095	131	120946	44.742	ug/L		99
76) p/m Xylene	9.240	106	440070	91.845	ug/L		100
77) o Xylene	9.781	106	425003	87.888	ug/L		98
78) Styrene	9.857	104	708703	86.977	ug/L		100
80) Bromoform	9.868	173	76444	41.611	ug/L		100
82) Isopropylbenzene	10.197	105	570001	44.927	ug/L		100
84) Bromobenzene	10.651	156	144259	42.180	ug/L		99
85) n-Propylbenzene	10.710	91	684470	45.320	ug/L		100
87) 1,1,2,2-Tetrachloroethane	10.802	83	113919	40.803	ug/L		99
88) 4-Ethyltoluene	10.844	105	569265	45.293	ug/L		100
89) 2-Chlorotoluene	10.880	91	402520M6	42.682	ug/L		
90) 1,3,5-Trimethylbenzene	10.950	105	489835	43.936	ug/L		99
91) 1,2,3-Trichloropropane	10.941	75	89567	40.580	ug/L		98
92) trans-1,4-Dichloro-2-b...	11.005	53	31660	40.590	ug/L	#	78
93) 4-Chlorotoluene	11.072	91	411002	42.883	ug/L		99
94) tert-Butylbenzene	11.301	119	416701	44.640	ug/L		99

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A03.D
Acq On : 29 Nov 2025 10:43 am
Operator : VOA123:MNF
Sample : WG2148016-4,31h,15,15,0.1
Misc : WG2148016,ICAL22792
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 29 11:57:47 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.385	105	483303	43.614	ug/L	100
98) sec-Butylbenzene	11.499	105	636237	45.561	ug/L	100
99) p-Isopropyltoluene	11.664	119	548725	45.371	ug/L	99
100) 1,3-Dichlorobenzene	11.719	146	285969	44.226	ug/L	99
101) 1,4-Dichlorobenzene	11.817	146	283519	42.797	ug/L	98
102) p-Diethylbenzene	12.048	119	328226	45.837	ug/L	100
103) n-Butylbenzene	12.107	91	521812	48.097	ug/L	99
104) 1,2-Dichlorobenzene	12.249	146	265461	43.798	ug/L	98
105) 1,2,4,5-Tetramethylben...	12.860	119	517401	44.376	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.047	155	17025	39.856	ug/L	98
108) Hexachlorobutadiene	13.671	225	118266	47.696	ug/L	99
109) 1,2,4-Trichlorobenzene	13.688	180	200388	45.877	ug/L	99
110) Naphthalene	13.978	128	354297	42.324	ug/L	100
111) 1,2,3-Trichlorobenzene	14.148	180	169549	45.333	ug/L	98

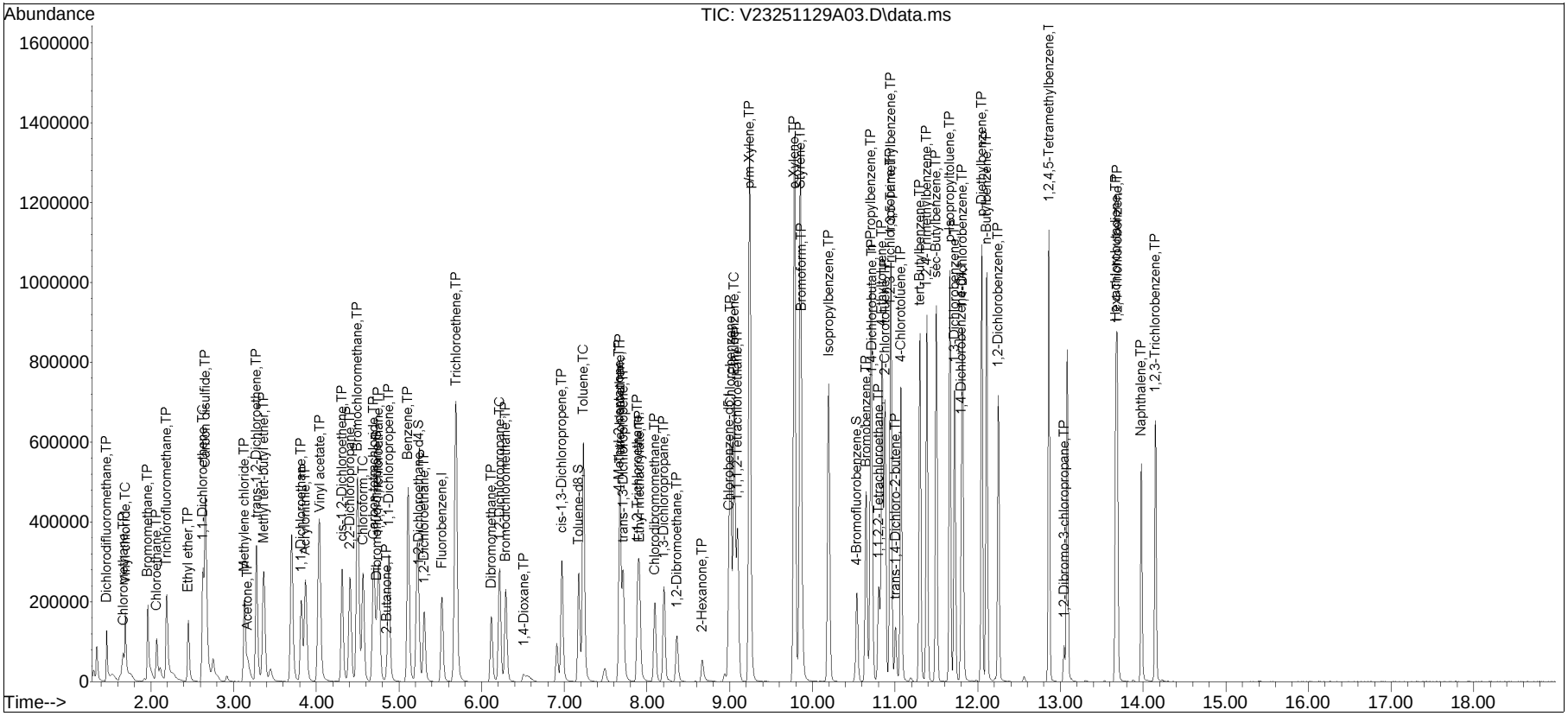
(#) = qualifier out of range (m) = manual integration (+) = signals summed

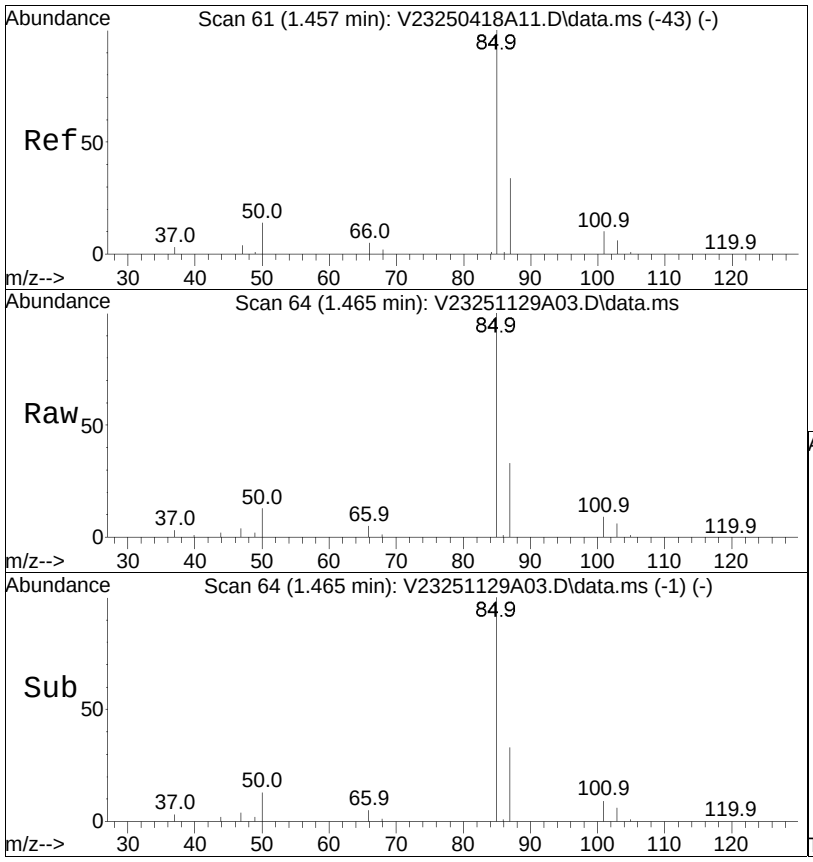
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A03.D
Acq On : 29 Nov 2025 10:43 am
Operator : VOA123:MNF
Sample : WG2148016-4,31h,15,15,0.1
Misc : WG2148016,ICAL22792
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 29 11:57:47 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251129A02.D•

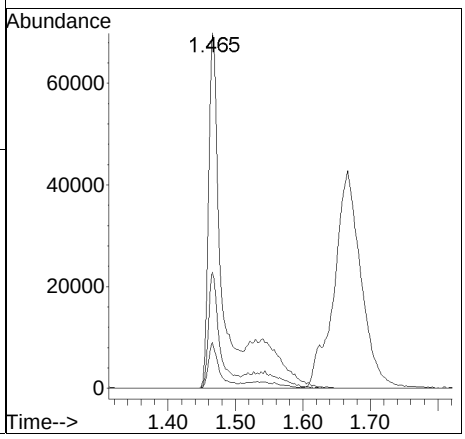


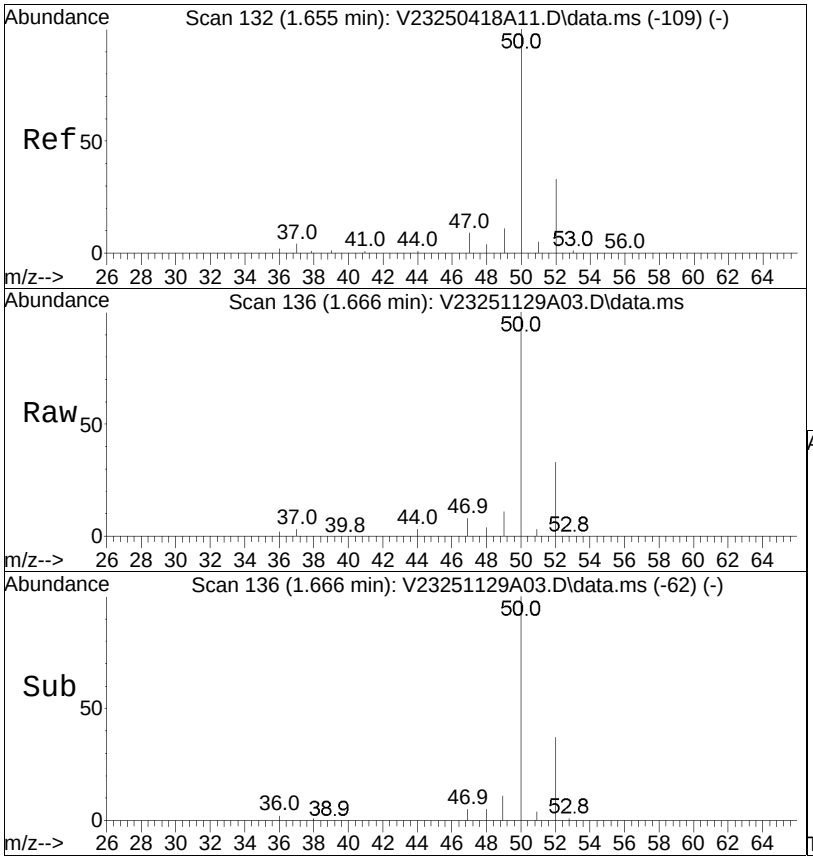


#2
Dichlorodifluoromethane
Concen: 53.48 ug/L M1
RT: 1.465 min Scan# 64
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 85 Resp: 118417

Ion	Ratio	Lower	Upper
85	100		
87	22.6	21.1	43.7
50	8.8	7.3	15.3

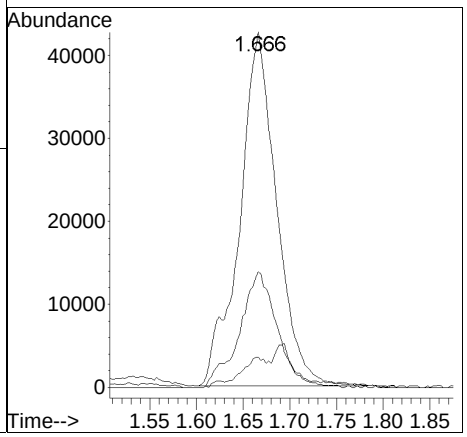


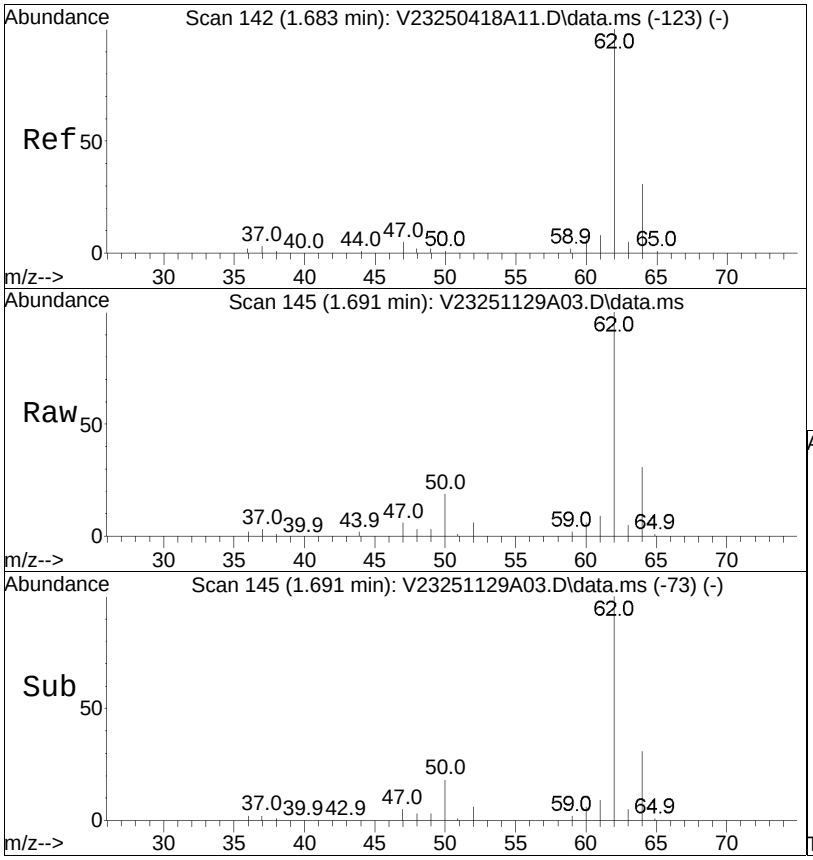


#3
Chloromethane
Concen: 48.74 ug/L
RT: 1.666 min Scan# 136
Delta R.T. 0.005 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 50 Resp: 117377

Ion	Ratio	Lower	Upper
50	100		
52	33.4	12.7	52.7
47	4.7	0.0	28.1

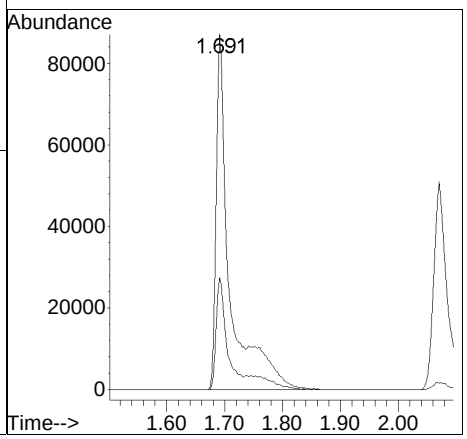


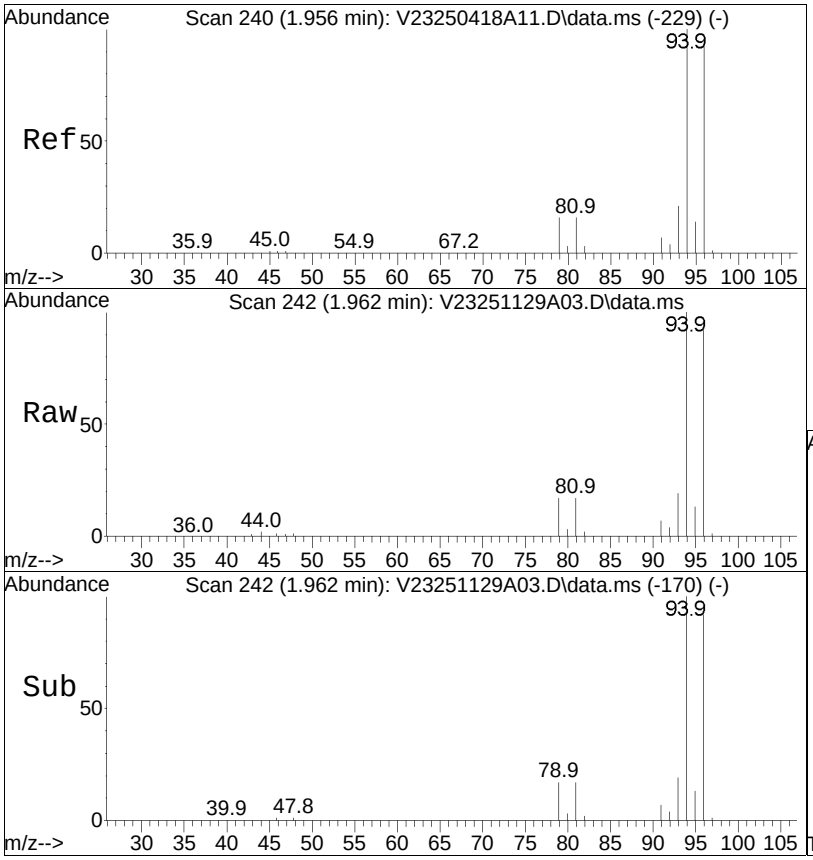


#4
Vinyl chloride
Concen: 54.96 ug/L M1
RT: 1.691 min Scan# 145
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 62 Resp: 143661

Ion	Ratio	Lower	Upper
62	100		
64	24.4	12.0	52.0

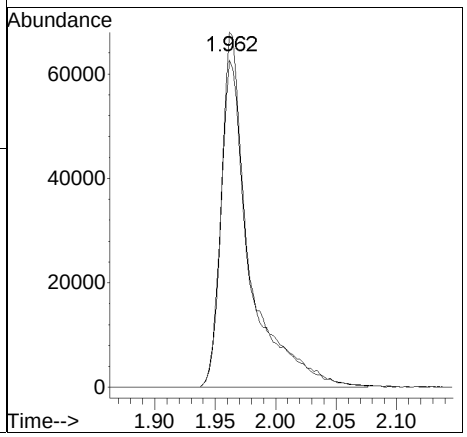


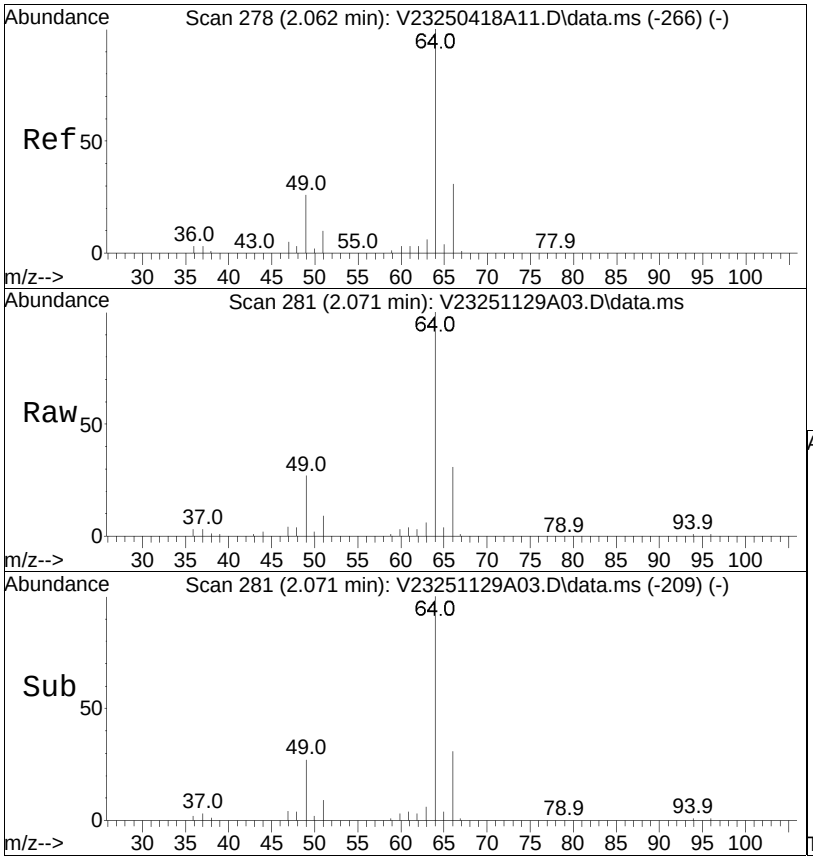


#5
Bromomethane
Concen: 66.65 ug/L
RT: 1.962 min Scan# 242
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 94 Resp: 111445

Ion	Ratio	Lower	Upper
94	100		
96	93.6	74.6	114.6

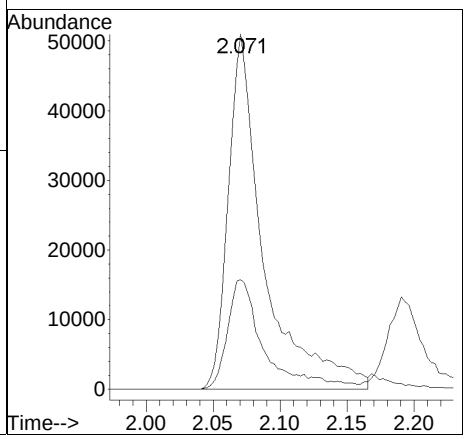


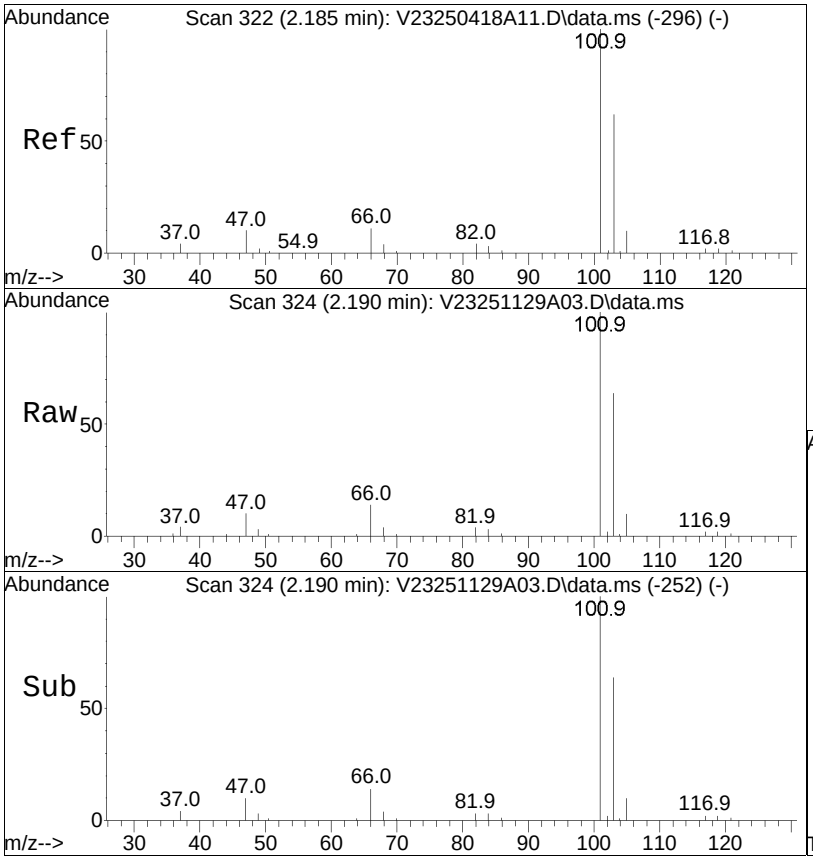


#6
Chloroethane
Concen: 52.16 ug/L
RT: 2.071 min Scan# 281
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 64 Resp: 94496

Ion	Ratio	Lower	Upper
64	100		
66	32.3	12.6	52.6

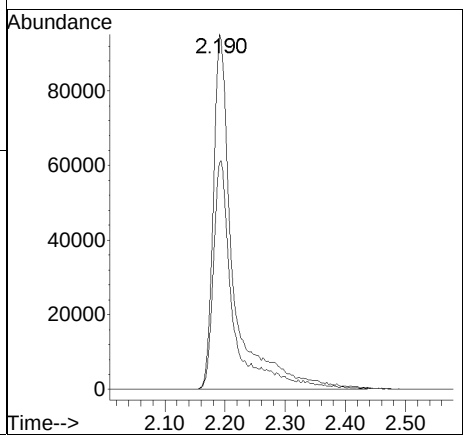


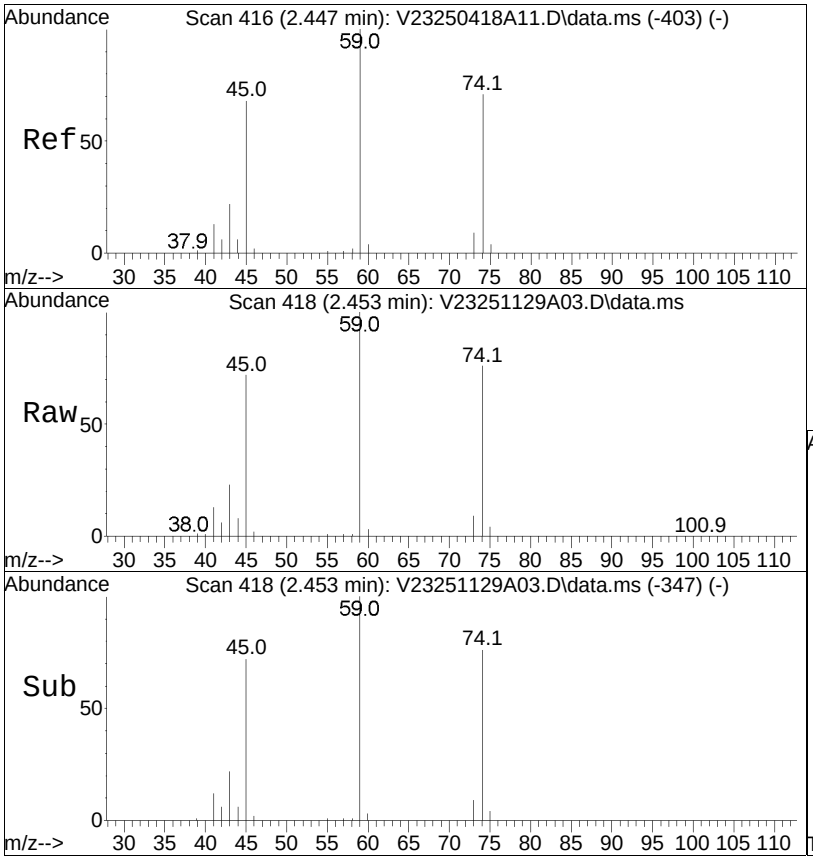


#7
Trichlorofluoromethane
Concen: 56.12 ug/L M1
RT: 2.190 min Scan# 324
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:101 Resp: 221911

Ion	Ratio	Lower	Upper
101	100		
103	52.4	51.4	77.2

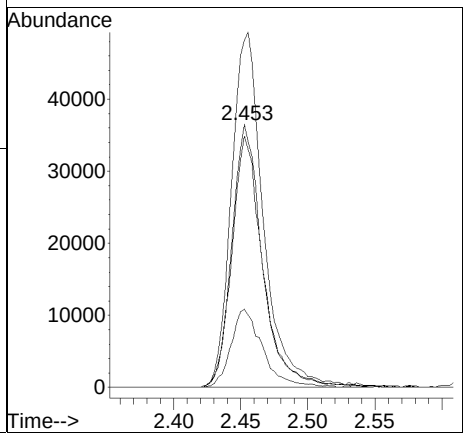


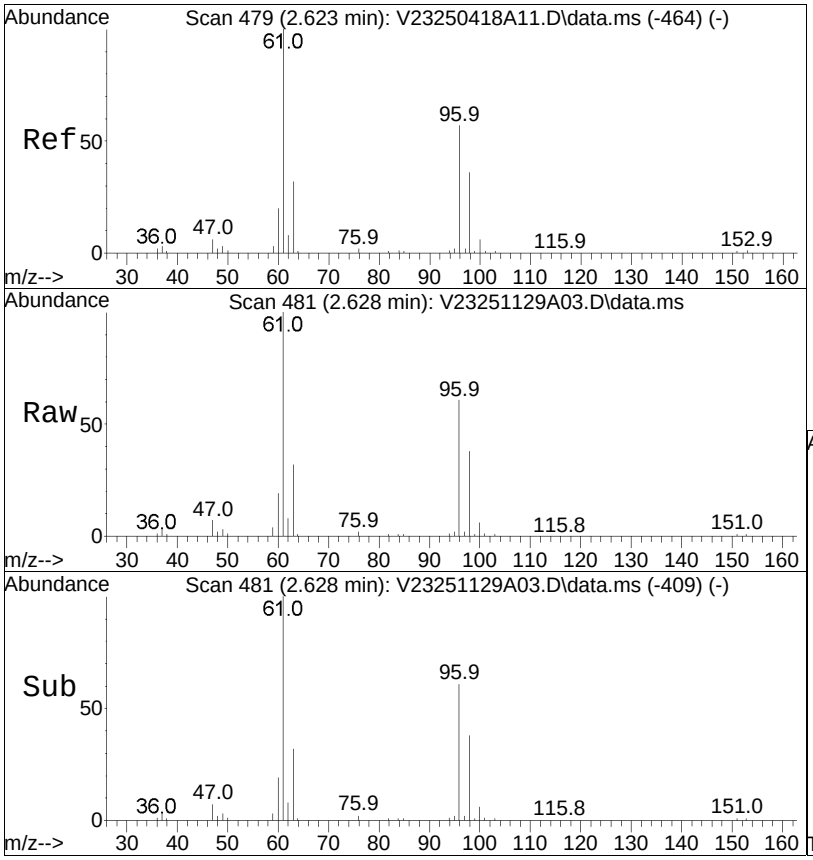


#8
Ethyl ether
Concen: 44.46 ug/L
RT: 2.453 min Scan# 418
Delta R.T. -0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 74 Resp: 58778

Ion	Ratio	Lower	Upper
74	100		
59	139.7	84.3	175.1
45	94.8	55.4	115.2
43	30.5	15.9	32.9

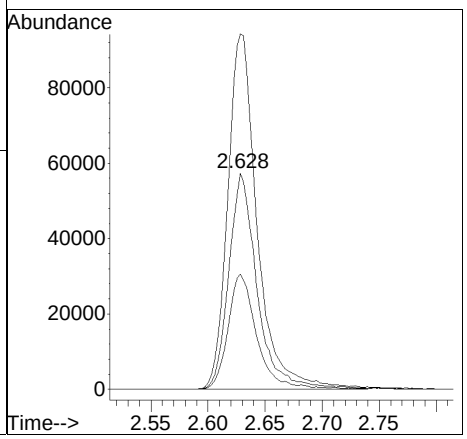


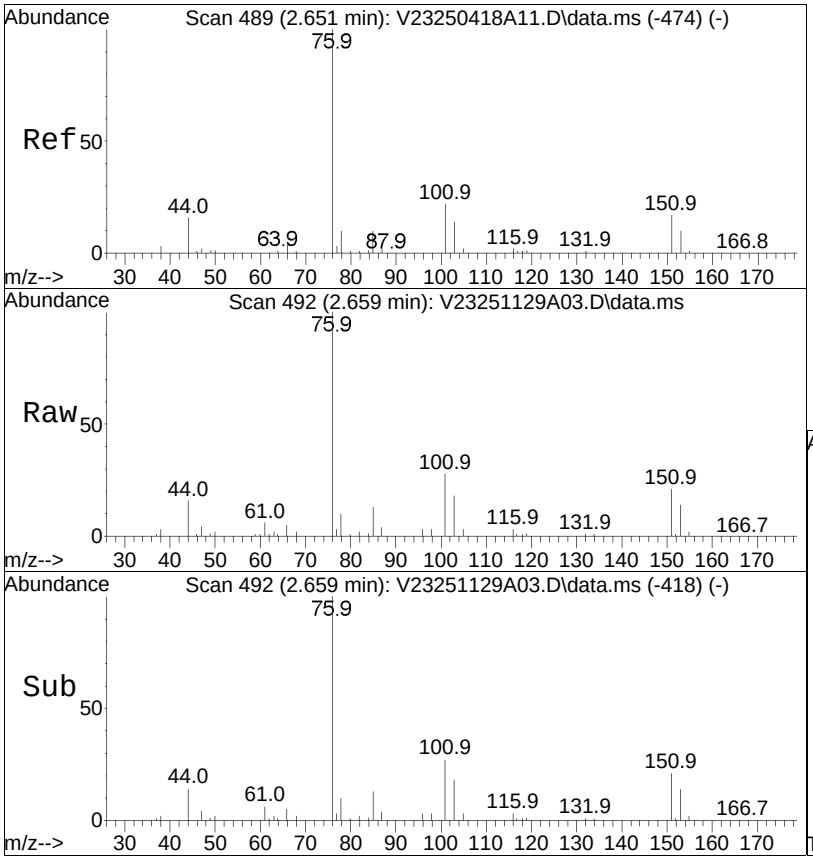


#10
1,1-Dichloroethene
Concen: 47.72 ug/L
RT: 2.628 min Scan# 481
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 96 Resp: 99820

Ion	Ratio	Lower	Upper
96	100		
61	170.9	124.5	186.7
63	52.4	40.7	61.1

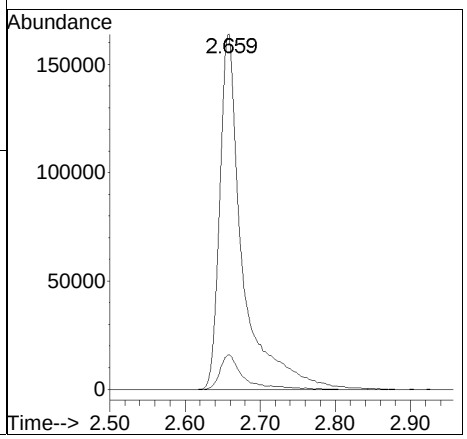


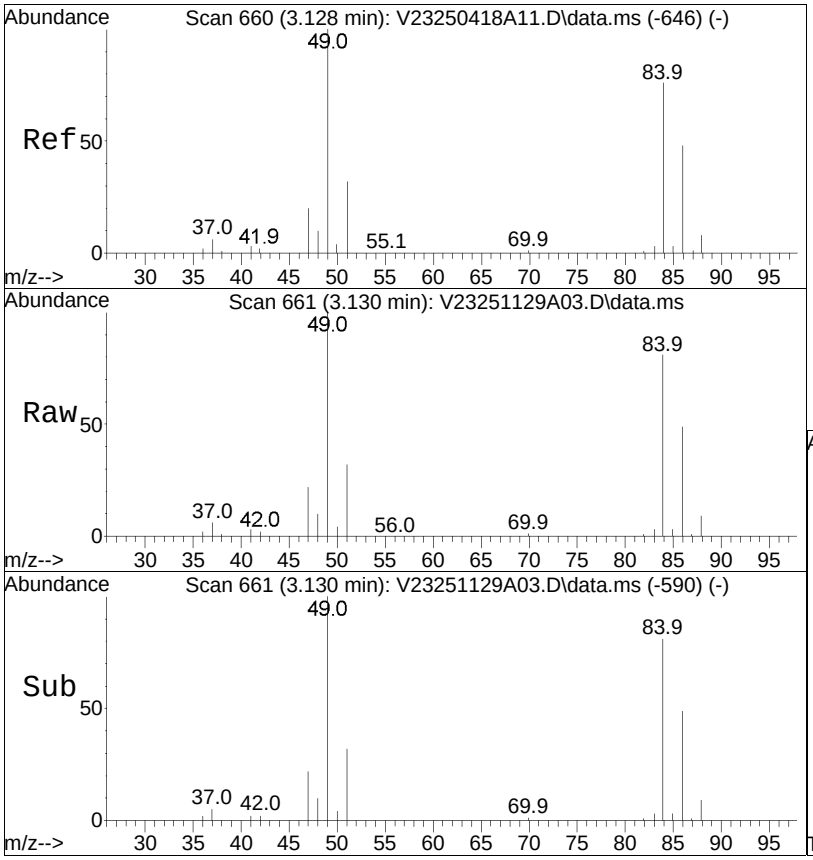


#11
Carbon disulfide
Concen: 45.16 ug/L
RT: 2.659 min Scan# 492
Delta R.T. 0.005 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 76 Resp: 348022

Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.7	13.9

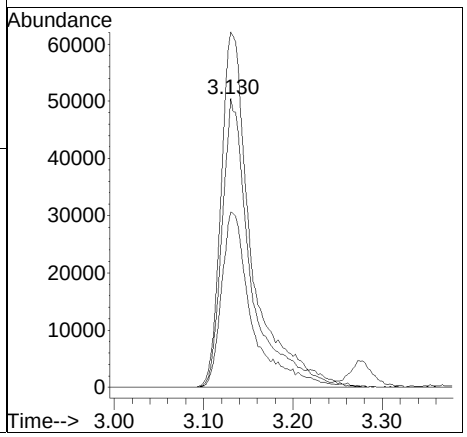


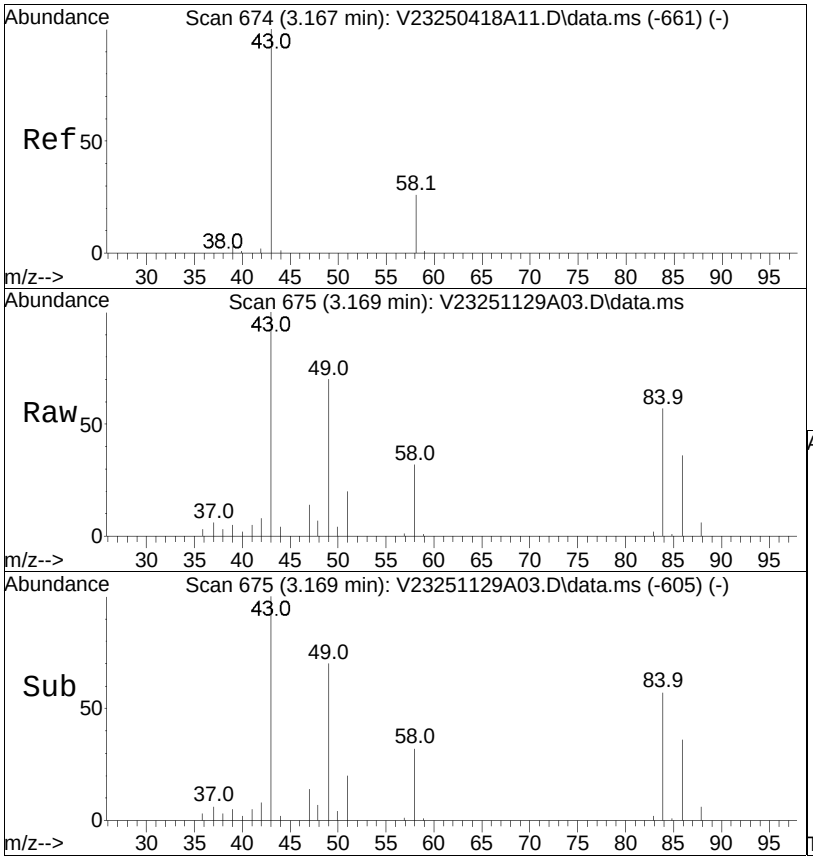


#15
Methylene chloride
Concen: 42.50 ug/L
RT: 3.130 min Scan# 661
Delta R.T. -0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 84 Resp: 115418

Ion	Ratio	Lower	Upper
84	100		
86	63.4	42.0	87.2
49	128.2	74.0	153.6

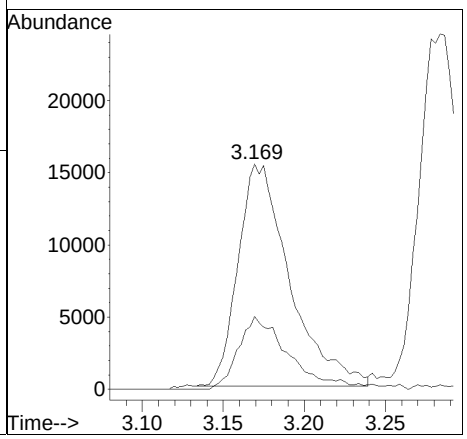


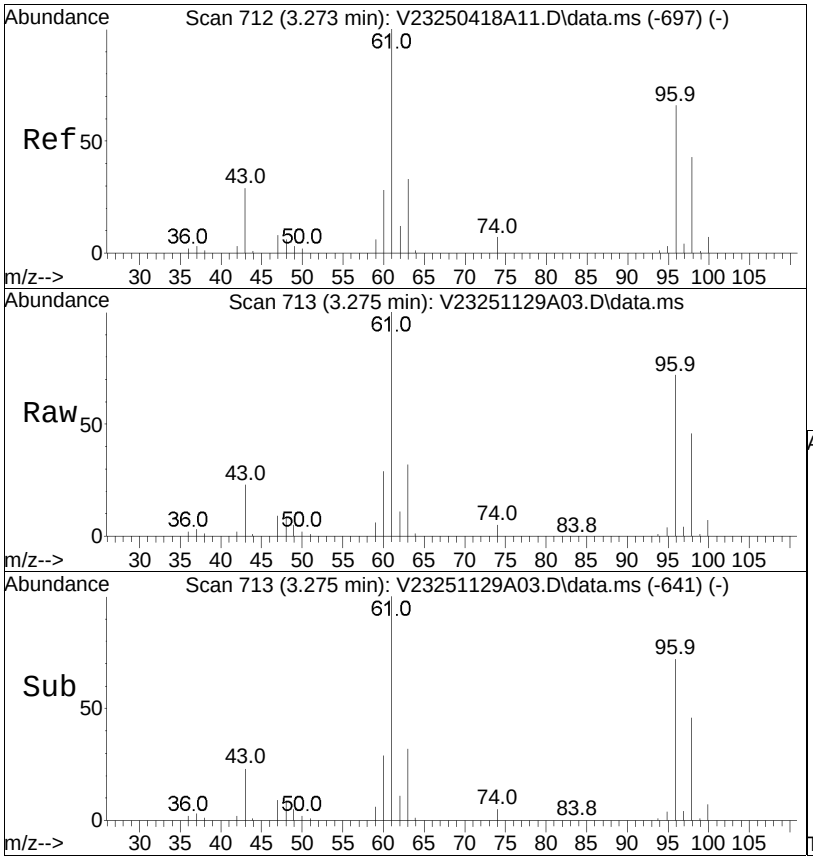


#17
Acetone
Concen: 53.95 ug/L
RT: 3.169 min Scan# 675
Delta R.T. -0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 43 Resp: 34181

Ion	Ratio	Lower	Upper
43	100		
58	31.5	28.2	42.4

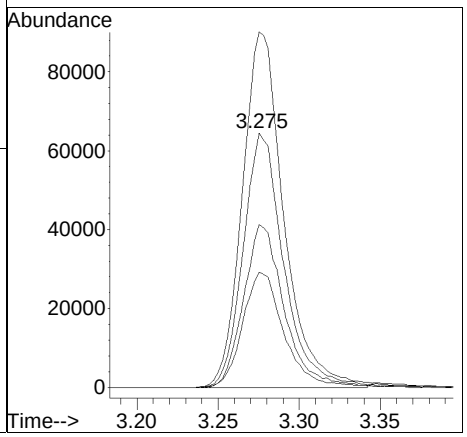


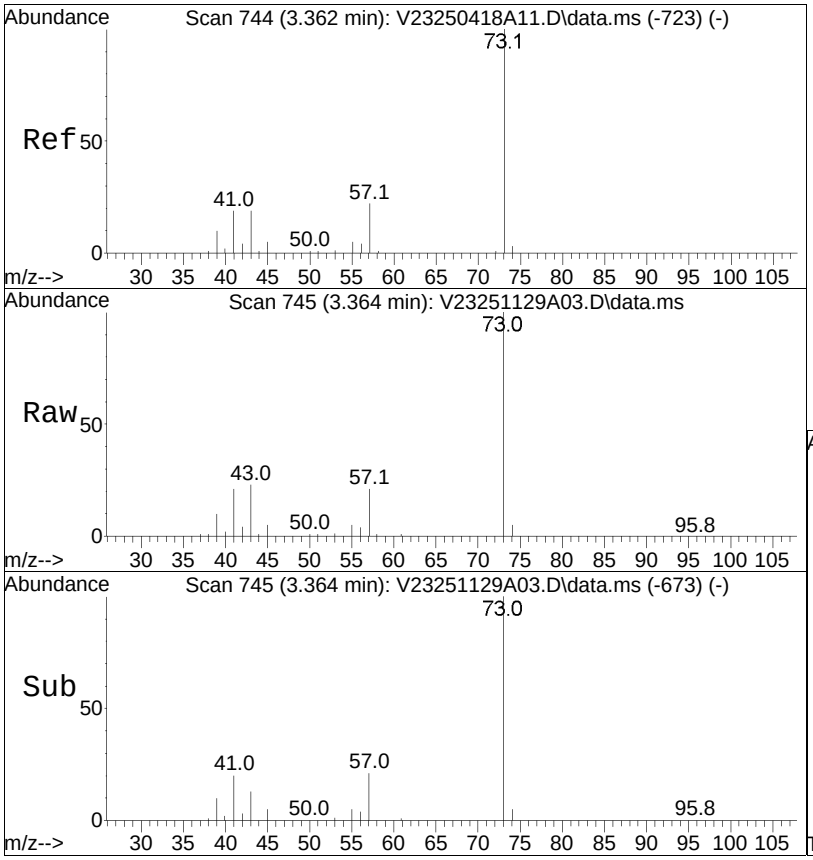


#18
trans-1,2-Dichloroethene
Concen: 45.88 ug/L
RT: 3.275 min Scan# 713
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 96 Resp: 112211

Ion	Ratio	Lower	Upper
96	100		
61	144.4	87.3	181.3
98	64.1	41.1	85.5
63	46.1	28.3	58.7

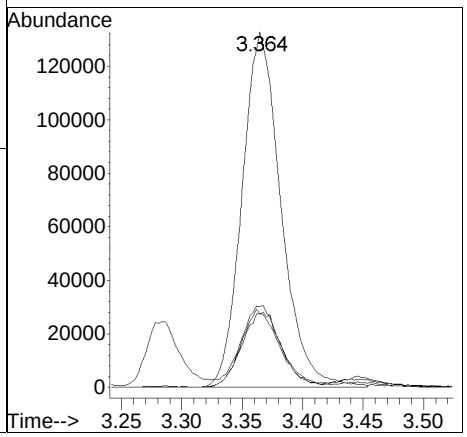


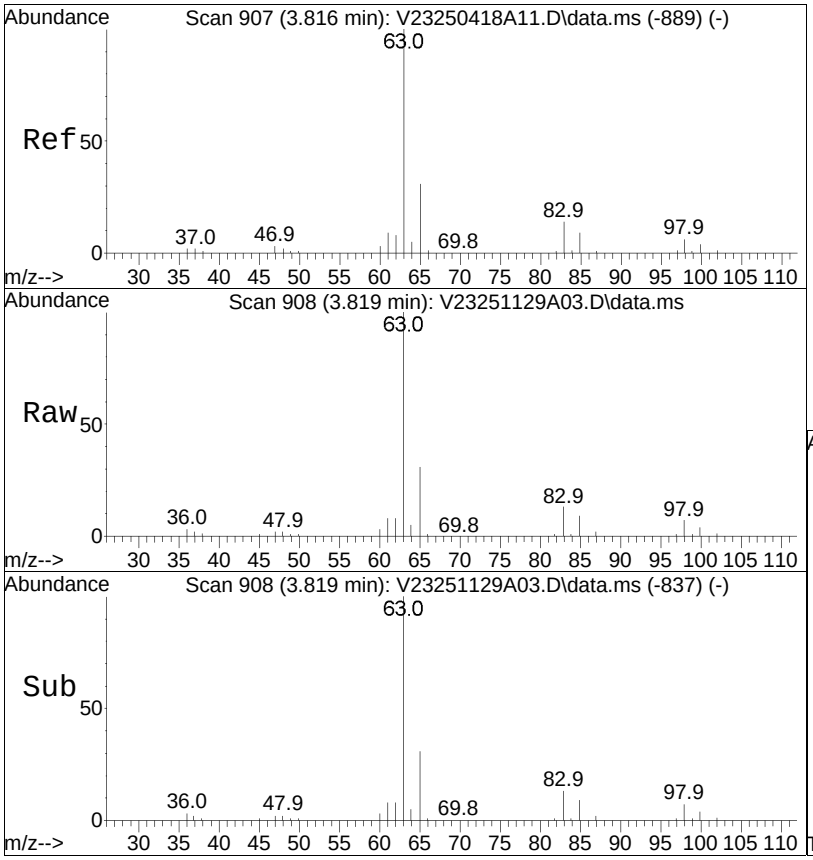


#20
Methyl tert-butyl ether
Concen: 42.73 ug/L
RT: 3.364 min Scan# 745
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 73 Resp: 298004

Ion	Ratio	Lower	Upper
73	100		
57	22.4	14.2	29.4
43	21.1	12.4	25.7
41	21.1	11.6	24.0

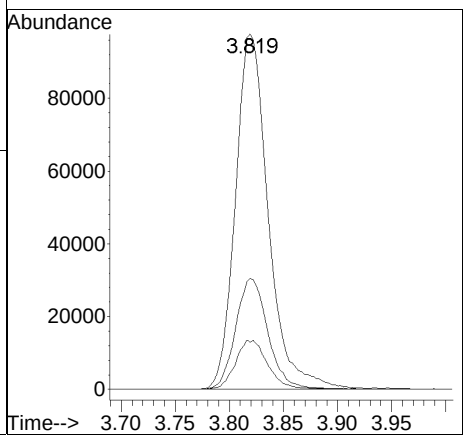


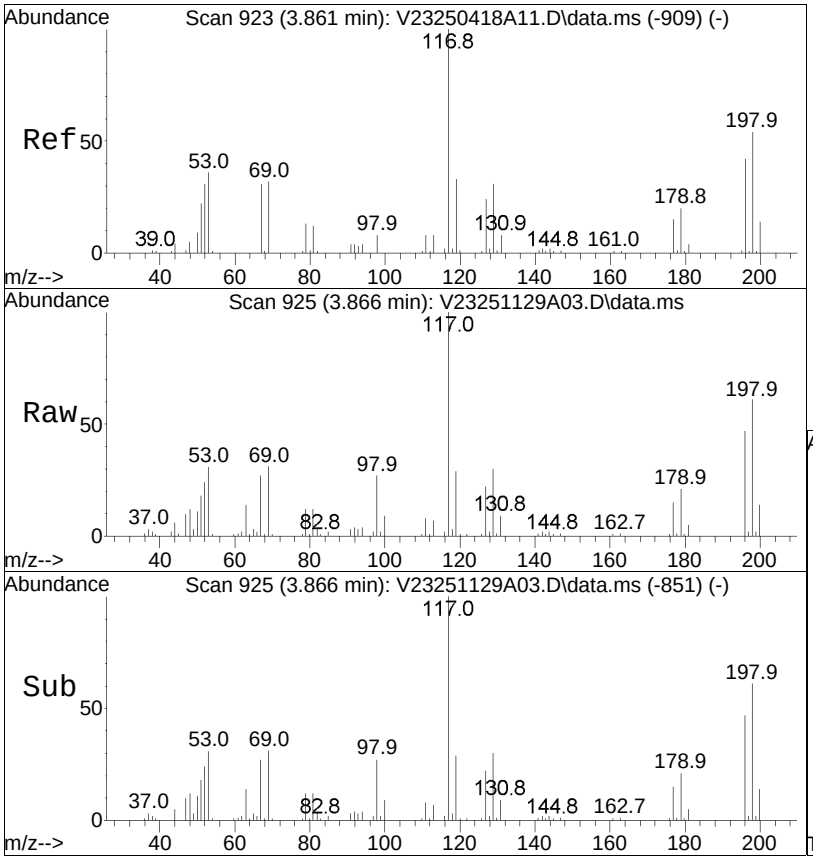


#23
1,1-Dichloroethane
Concen: 46.03 ug/L
RT: 3.819 min Scan# 908
Delta R.T. -0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 63 Resp: 207015

Ion	Ratio	Lower	Upper
63	100		
65	30.7	11.1	51.1
83	13.5	0.0	33.3

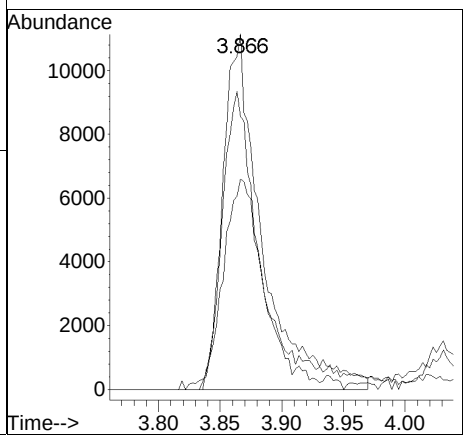


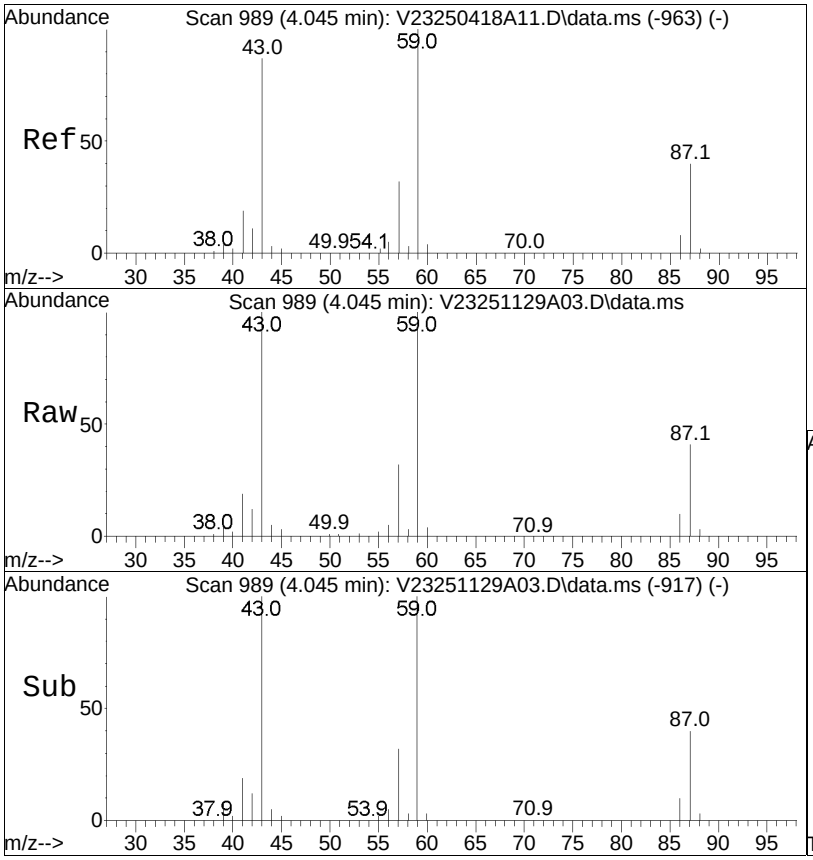


#25
Acrylonitrile
Concen: 45.82 ug/L
RT: 3.866 min Scan# 925
Delta R.T. 0.005 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 53 Resp: 24834

Ion	Ratio	Lower	Upper
53	100		
52	78.8	67.1	100.7
51	59.3	38.5	57.7#

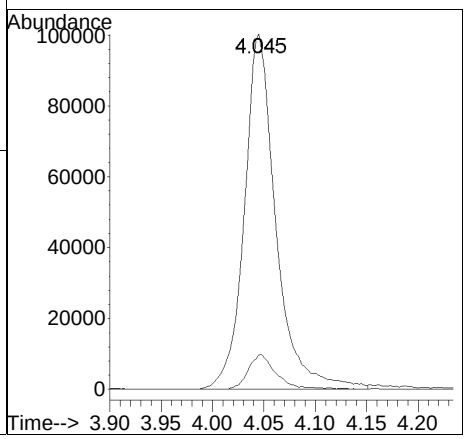


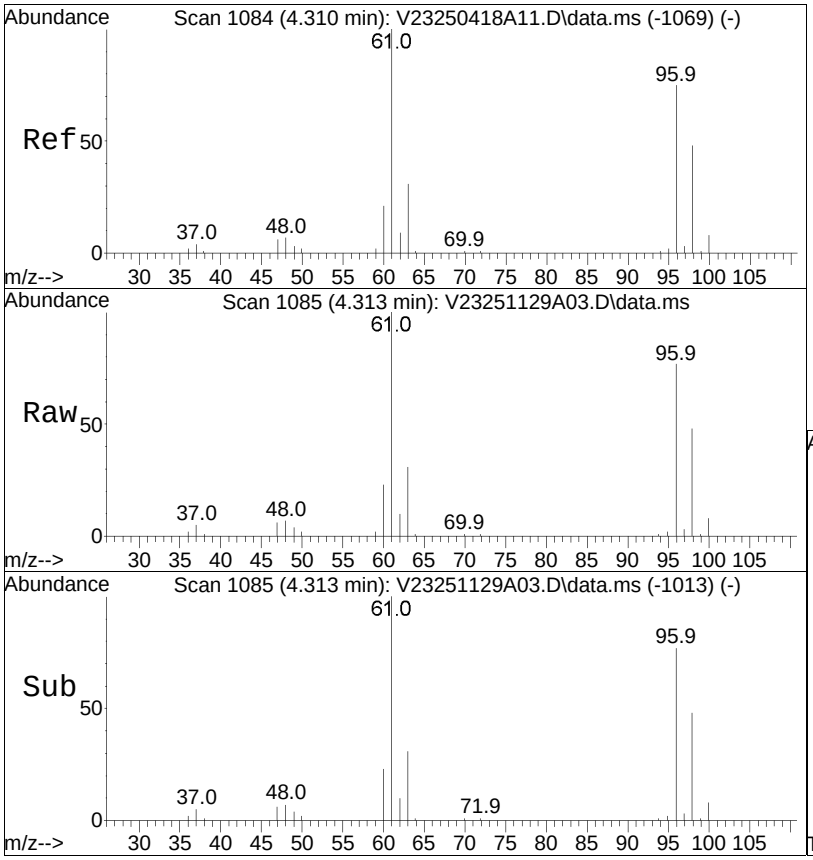


#27
Vinyl acetate
Concen: 41.43 ug/L
RT: 4.045 min Scan# 989
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 43 Resp: 215484

Ion	Ratio	Lower	Upper
43	100		
86	8.6	8.6	12.8

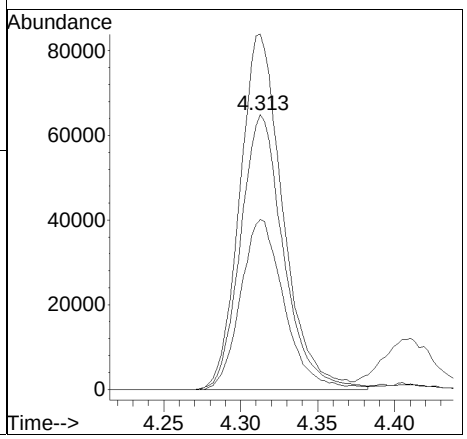


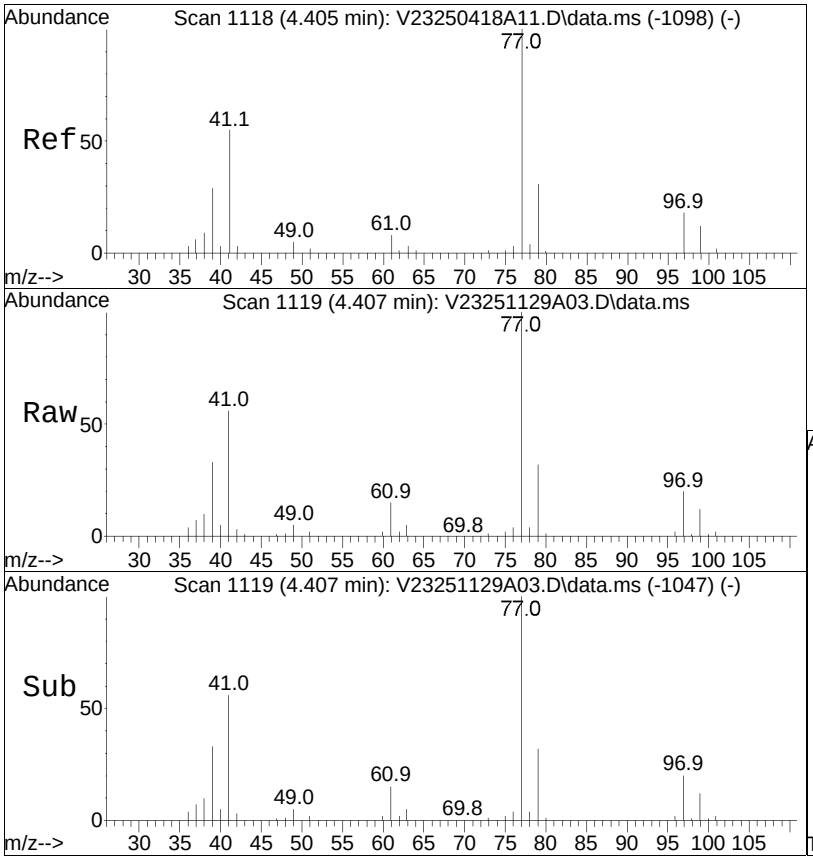


#28
cis-1,2-Dichloroethene
Concen: 44.86 ug/L
RT: 4.313 min Scan# 1085
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 96 Resp: 125739

Ion	Ratio	Lower	Upper
96	100		
61	129.5	98.2	147.2
98	62.2	51.0	76.6

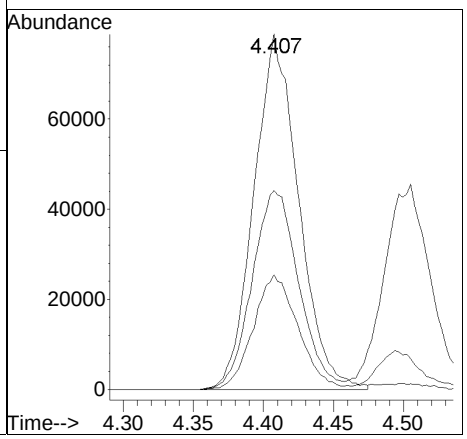


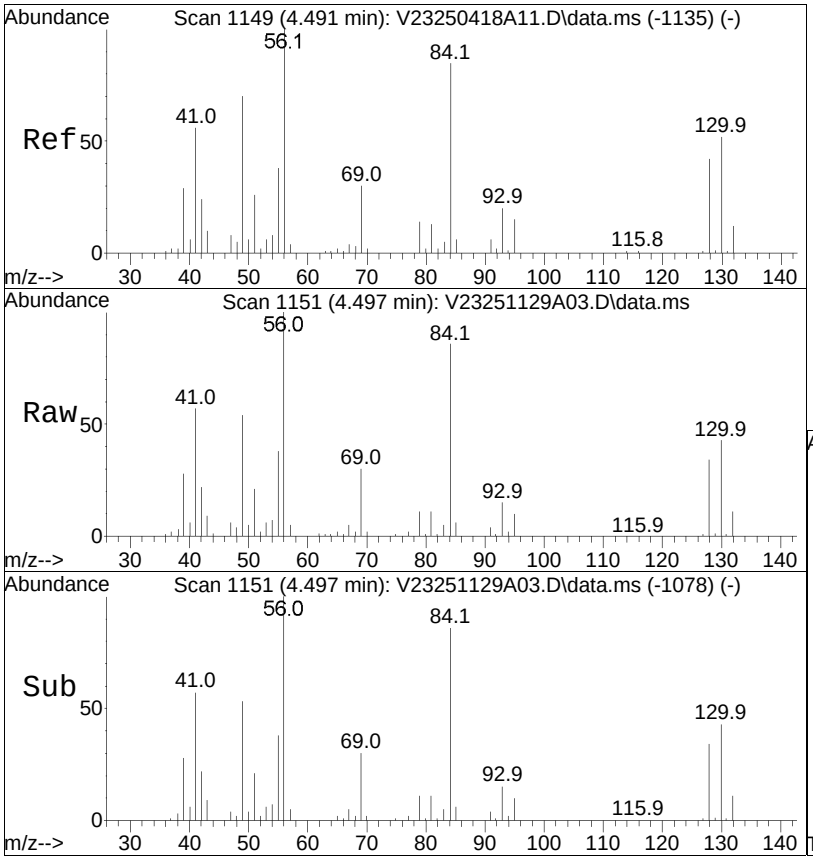


#29
2,2-Dichloropropane
Concen: 47.31 ug/L
RT: 4.407 min Scan# 1119
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 77 Resp: 175111

Ion	Ratio	Lower	Upper
77	100		
41	58.4	31.1	64.7
79	32.2	20.7	43.1

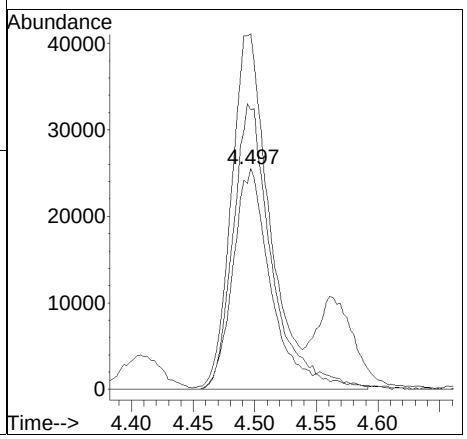


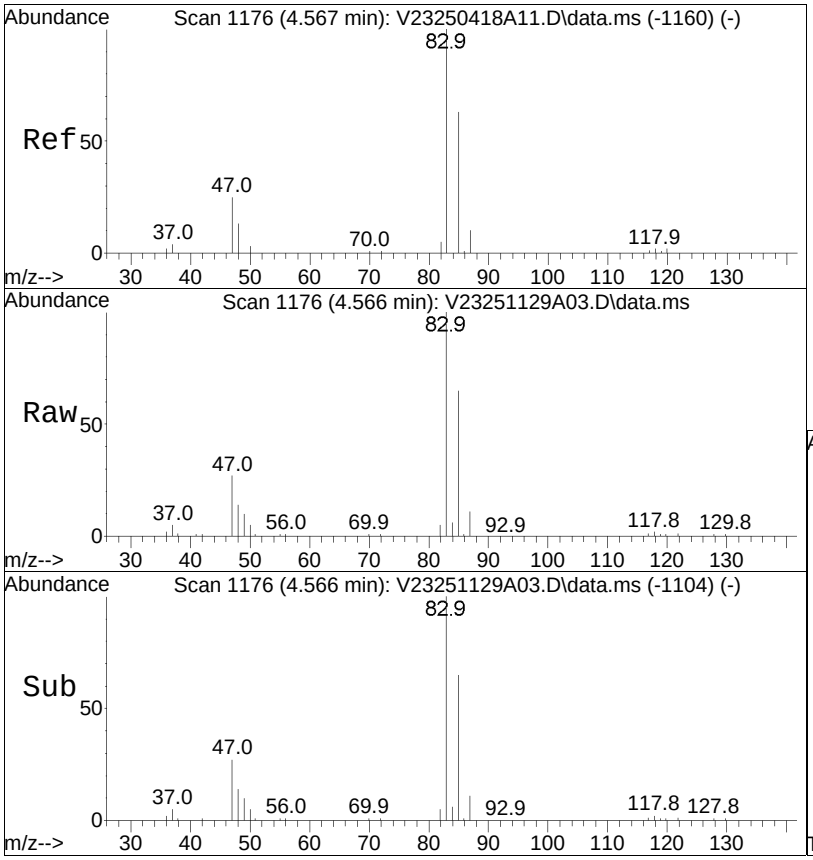


#30
Bromochloromethane
Concen: 44.64 ug/L
RT: 4.497 min Scan# 1151
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:128 Resp: 55882

Ion	Ratio	Lower	Upper
128	100		
49	153.7	117.6	176.4
130	129.3	103.8	155.8

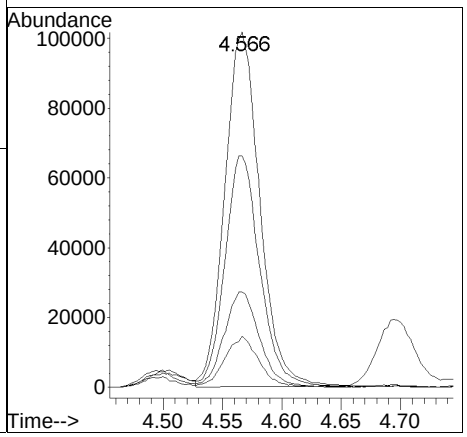


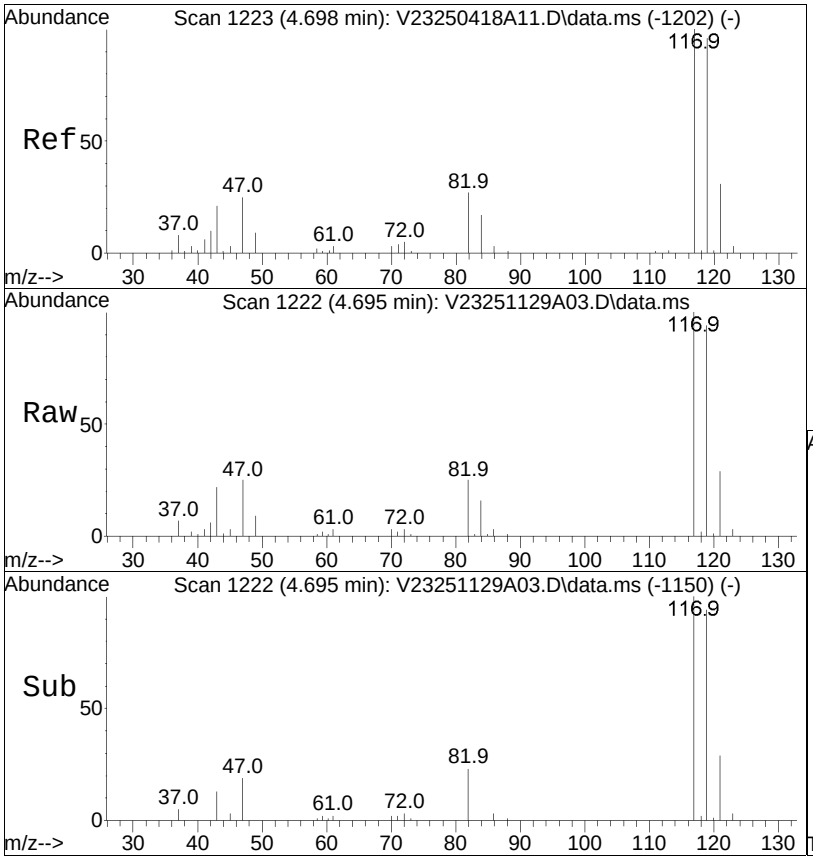


#32
Chloroform
Concen: 38.00 ug/L
RT: 4.566 min Scan# 1176
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 83 Resp: 209037

Ion	Ratio	Lower	Upper
83	100		
85	64.8	42.1	87.3
47	26.7	14.0	29.2
48	13.6	7.2	14.9

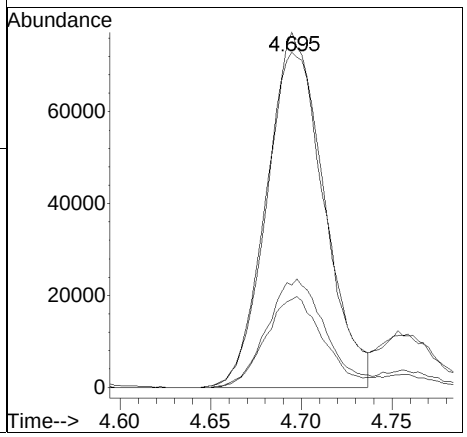


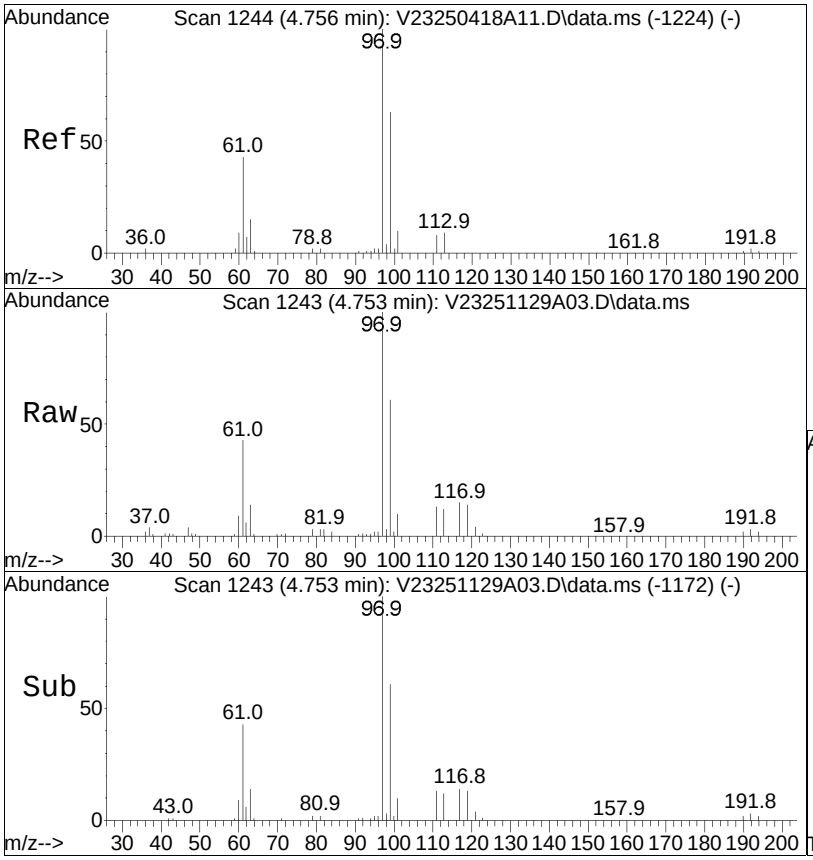


#34
Carbon tetrachloride
Concen: 47.60 ug/L
RT: 4.695 min Scan# 1222
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:117 Resp: 169637

Ion	Ratio	Lower	Upper
117	100		
119	96.4	62.7	130.3
121	31.2	20.3	42.1
82	26.0	16.4	34.2

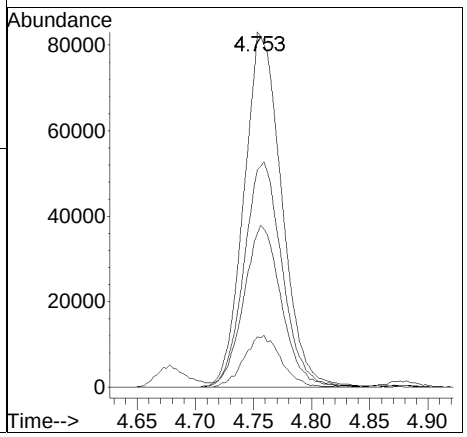


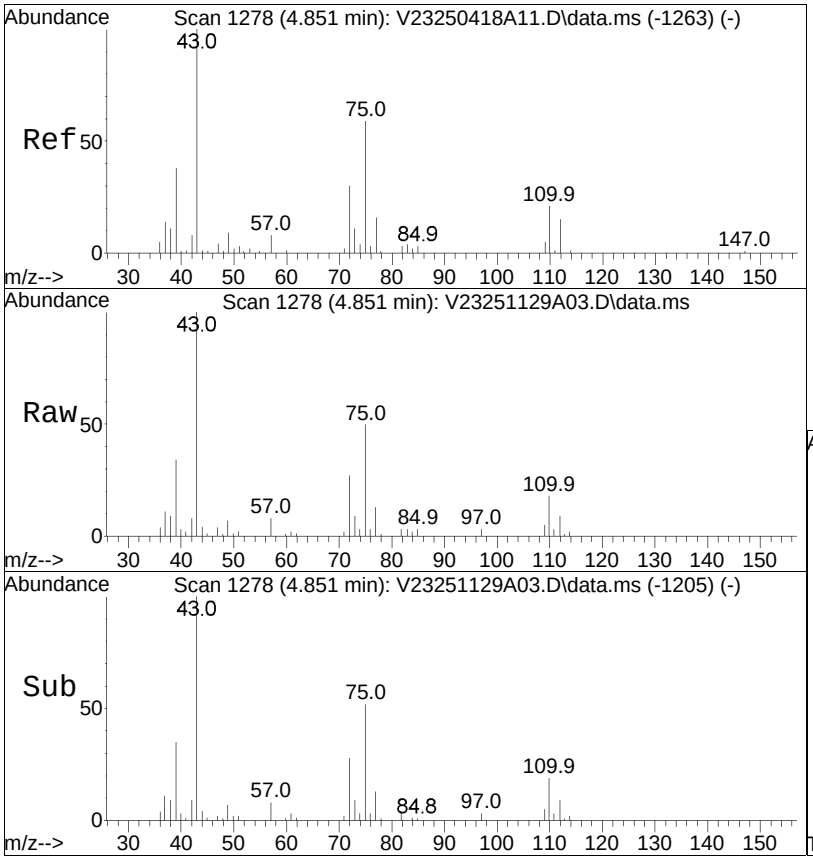


#37
1,1,1-Trichloroethane
Concen: 49.52 ug/L
RT: 4.753 min Scan# 1243
Delta R.T. -0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 97 Resp: 188305

Ion	Ratio	Lower	Upper
97	100		
99	64.1	41.5	86.3
61	45.8	27.4	57.0
63	14.5	9.0	18.6

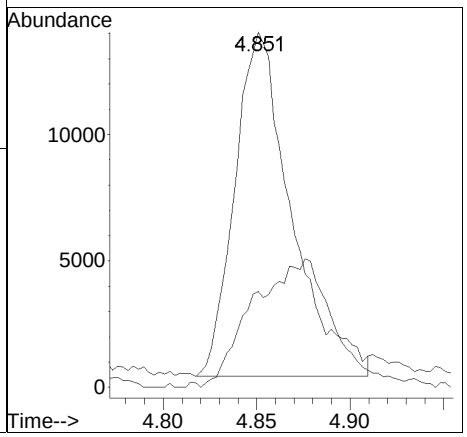


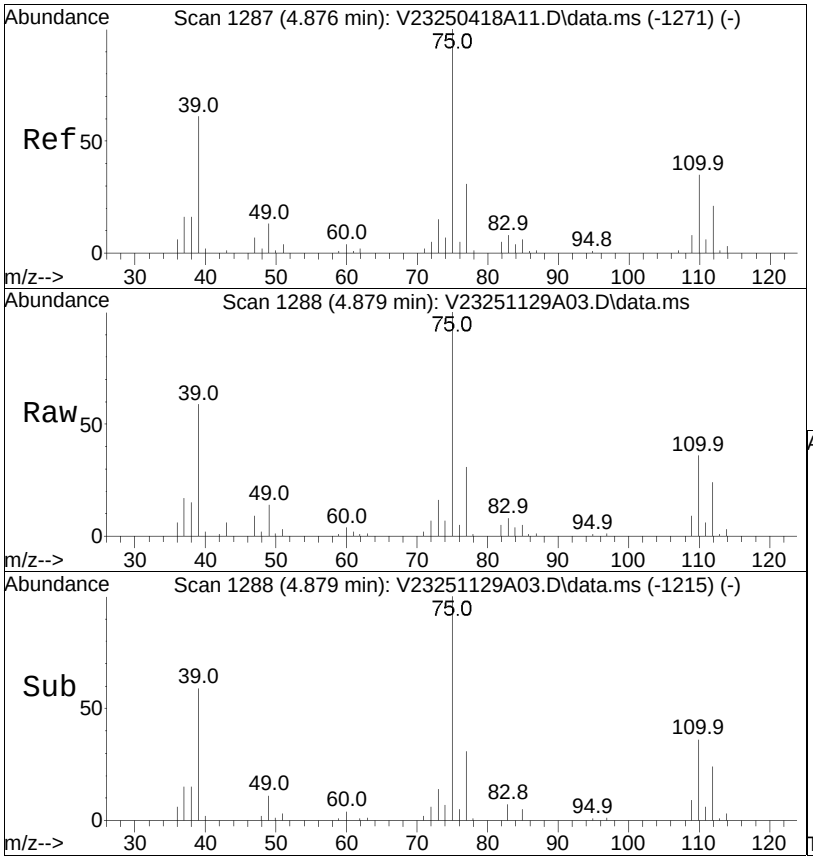


#39
2-Butanone
Concen: 37.63 ug/L
RT: 4.851 min Scan# 1278
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 43 Resp: 28731

Ion	Ratio	Lower	Upper
43	100		
72	14.0	30.4	45.6#

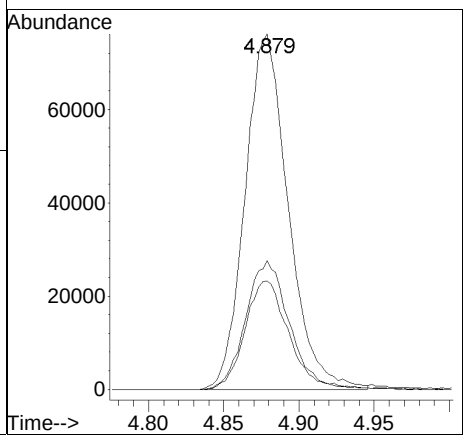


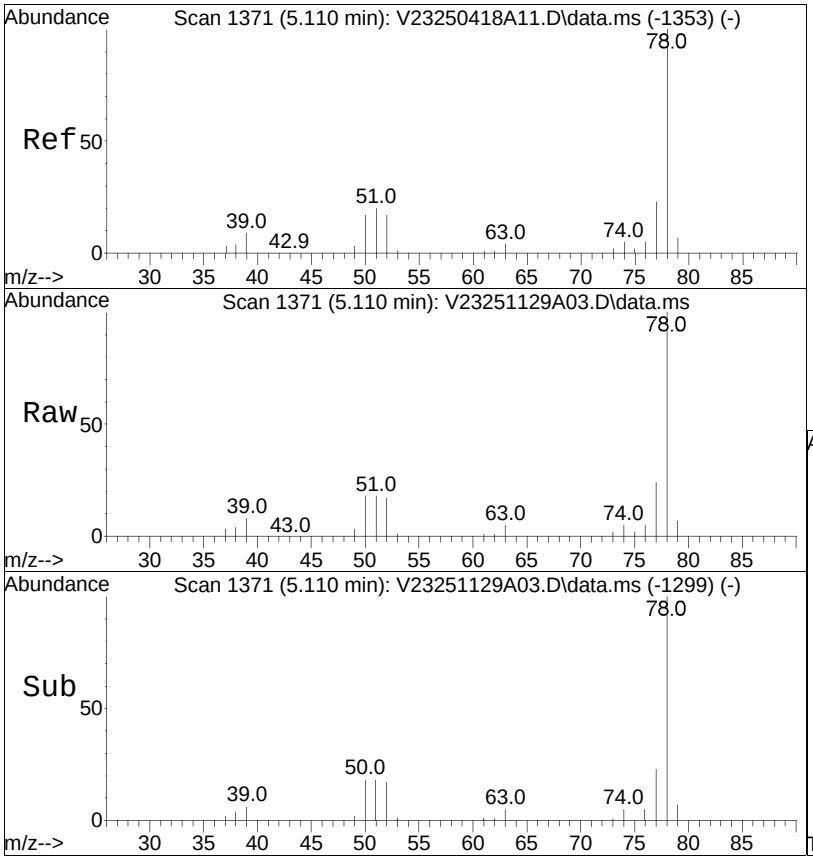


#40
1,1-Dichloropropene
Concen: 51.40 ug/L
RT: 4.879 min Scan# 1288
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 75 Resp: 152195

Ion	Ratio	Lower	Upper
75	100		
110	36.6	23.6	49.0
77	30.6	20.4	42.4

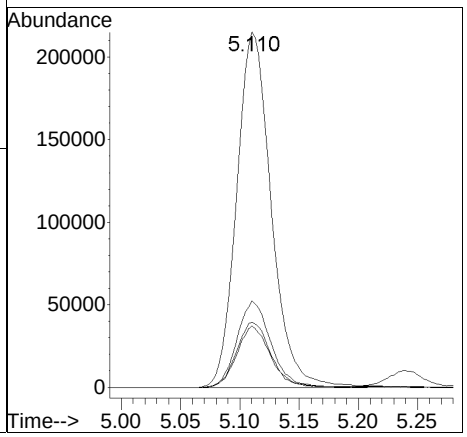


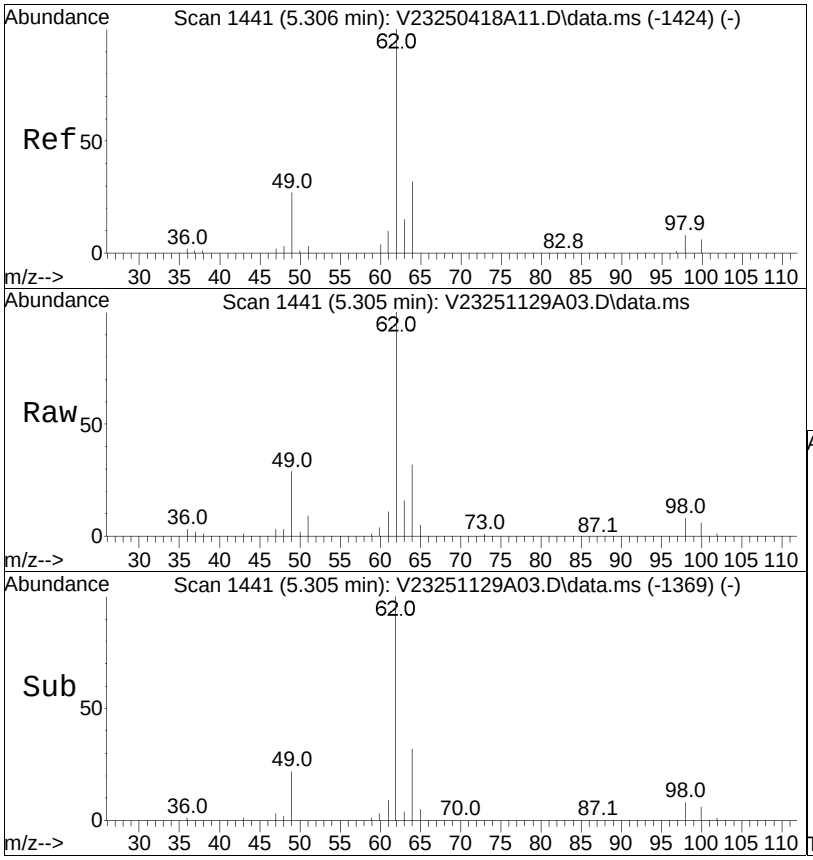


#41
Benzene
Concen: 46.60 ug/L
RT: 5.110 min Scan# 1371
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 78 Resp: 436735

Ion	Ratio	Lower	Upper
78	100		
77	24.0	15.7	32.5
51	18.3	9.9	20.5
52	16.8	9.5	19.7

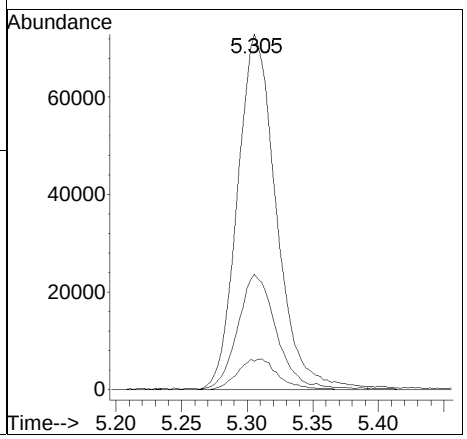


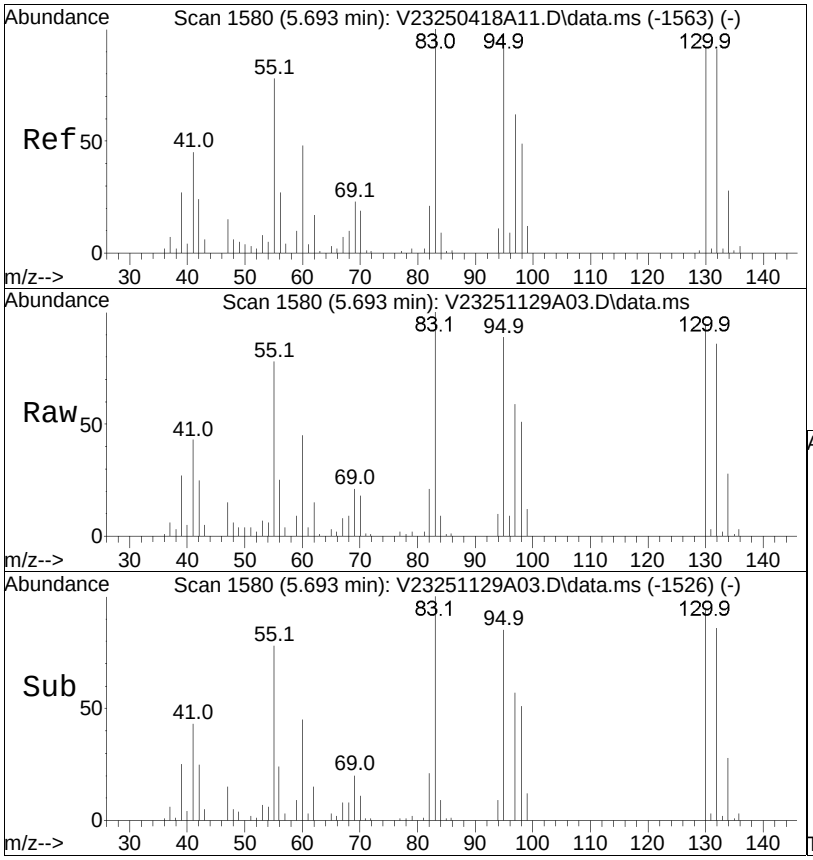


#44
1,2-Dichloroethane
Concen: 43.92 ug/L
RT: 5.305 min Scan# 1441
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 62 Resp: 150124

Ion	Ratio	Lower	Upper
62	100		
64	32.3	12.7	52.7
98	8.7	0.0	29.7

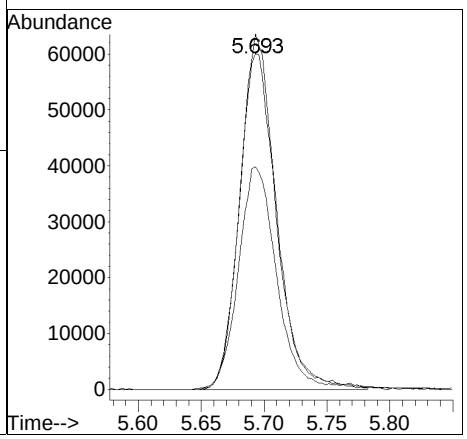


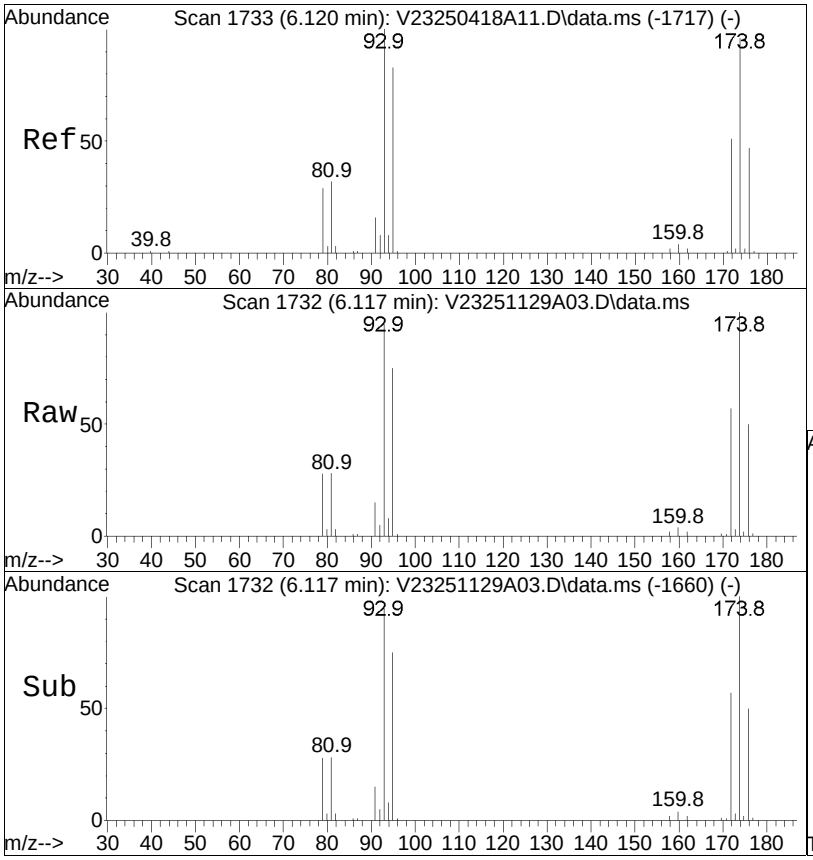


#48
Trichloroethene
Concen: 48.37 ug/L
RT: 5.693 min Scan# 1580
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 95 Resp: 124434

Ion	Ratio	Lower	Upper
95	100		
97	67.9	54.3	81.5
130	102.6	82.2	123.2

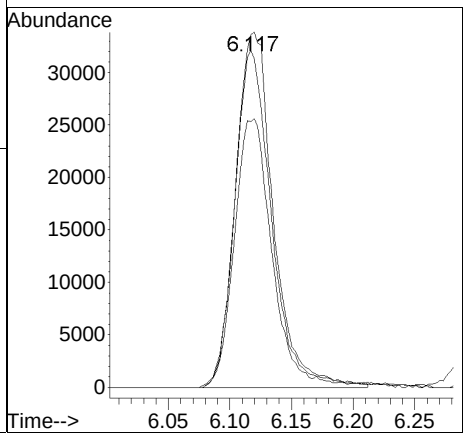


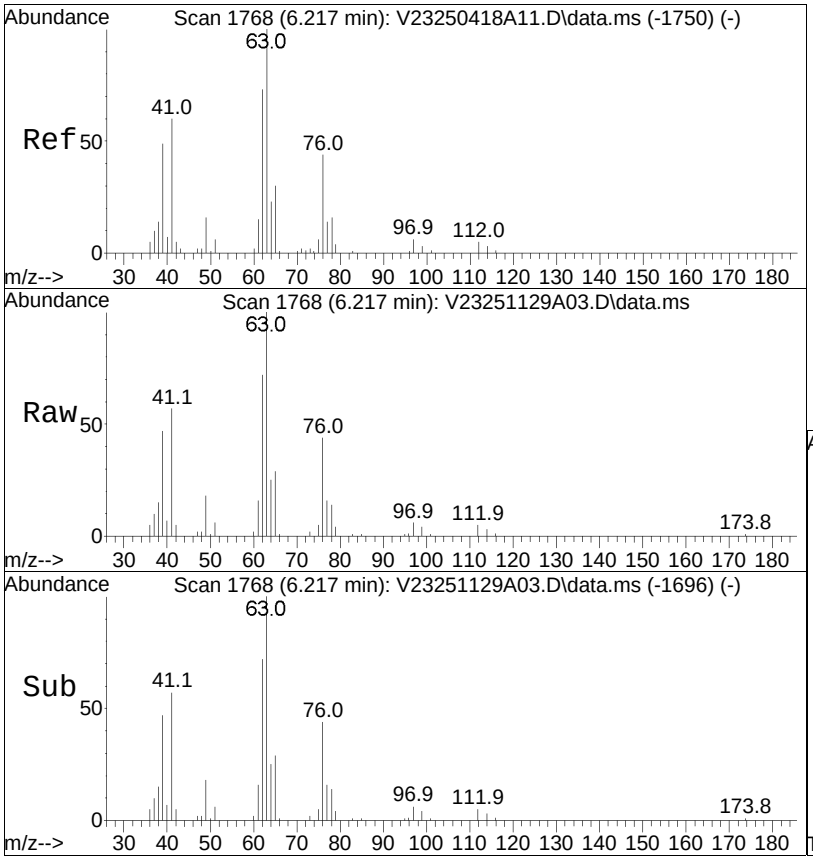


#50
Dibromomethane
Concen: 43.75 ug/L
RT: 6.117 min Scan# 1732
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 93 Resp: 66870

Ion	Ratio	Lower	Upper
93	100		
95	80.9	66.1	99.1
174	107.8	84.2	126.2

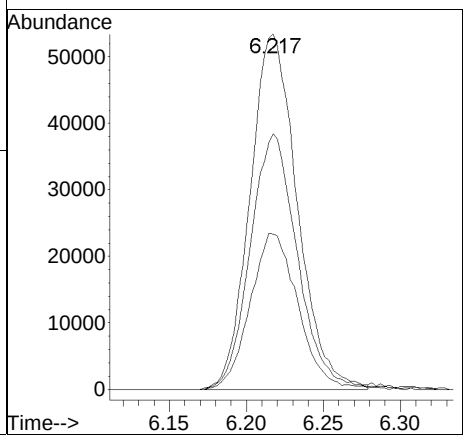


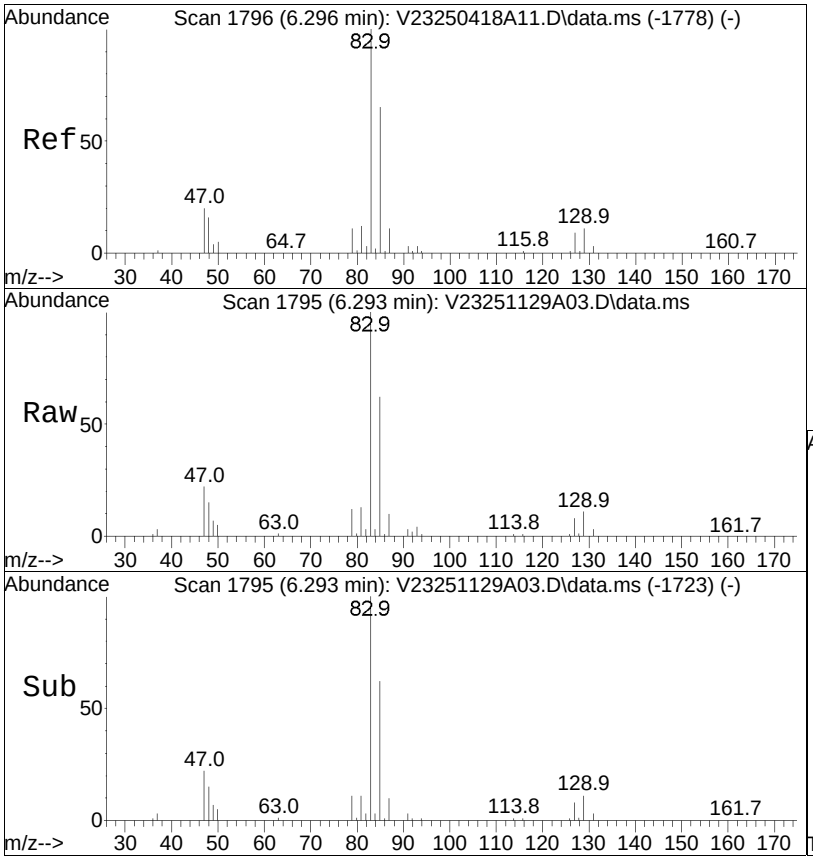


#51
1,2-Dichloropropane
Concen: 44.23 ug/L
RT: 6.217 min Scan# 1768
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 63 Resp: 114103

Ion	Ratio	Lower	Upper
63	100		
62	71.5	56.9	85.3
76	44.6	35.0	52.4

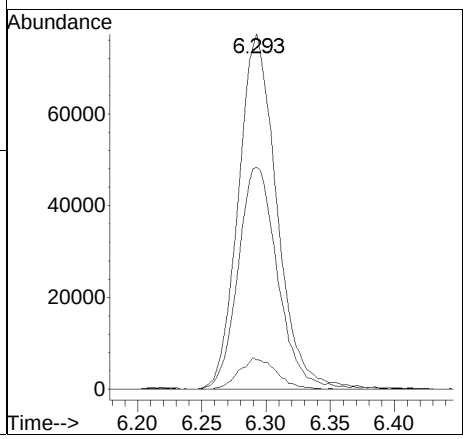


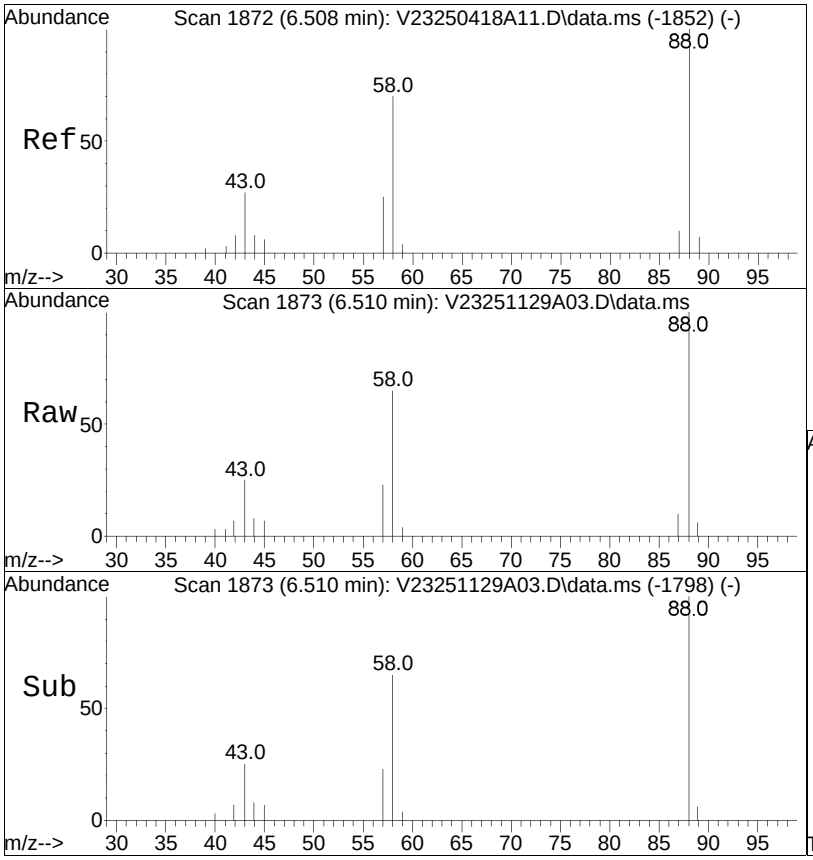


#54
Bromodichloromethane
Concen: 44.64 ug/L
RT: 6.293 min Scan# 1795
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 83 Resp: 161679

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.3	76.9
127	8.7	6.5	9.7

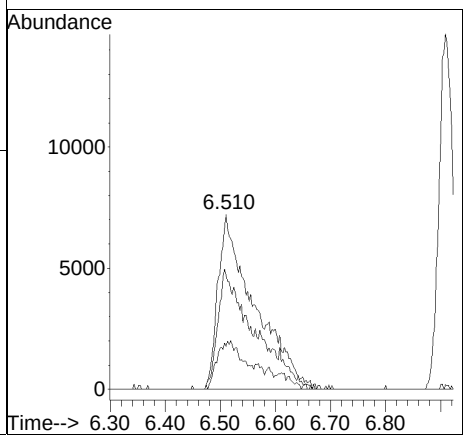


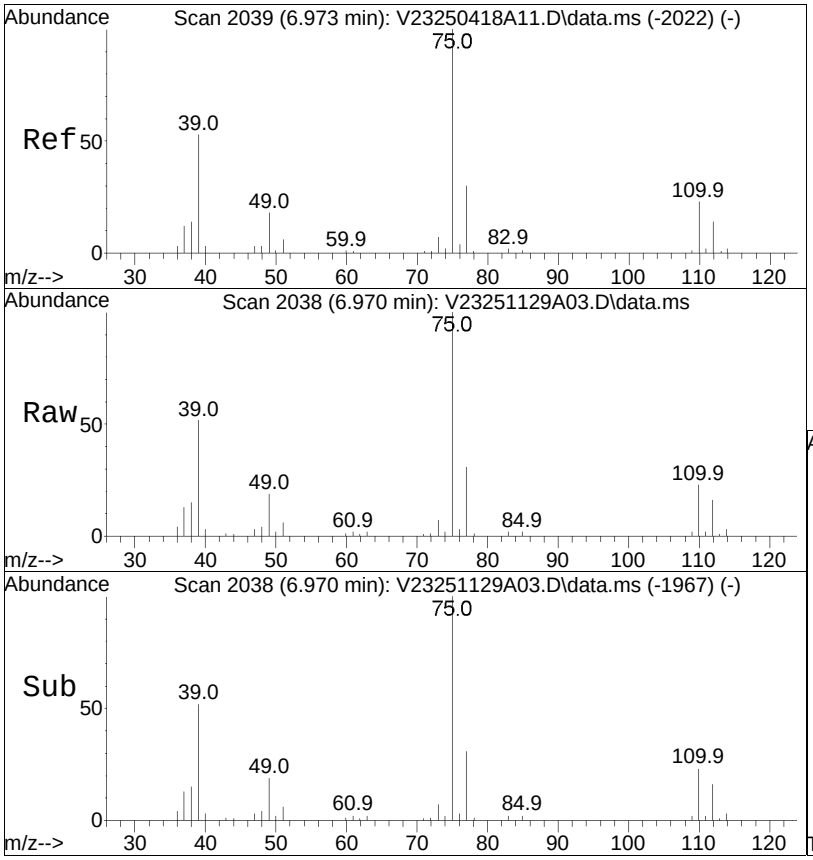


#57
1,4-Dioxane
Concen: 2231.24 ug/L M1
RT: 6.510 min Scan# 1873
Delta R.T. 0.008 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 88 Resp: 33378

Ion	Ratio	Lower	Upper
88	100		
58	46.7	50.2	75.2#
43	19.9	19.1	28.7

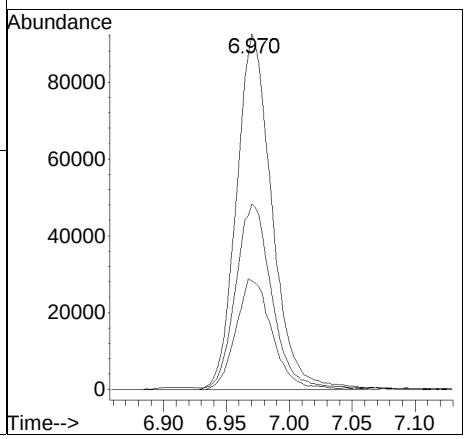


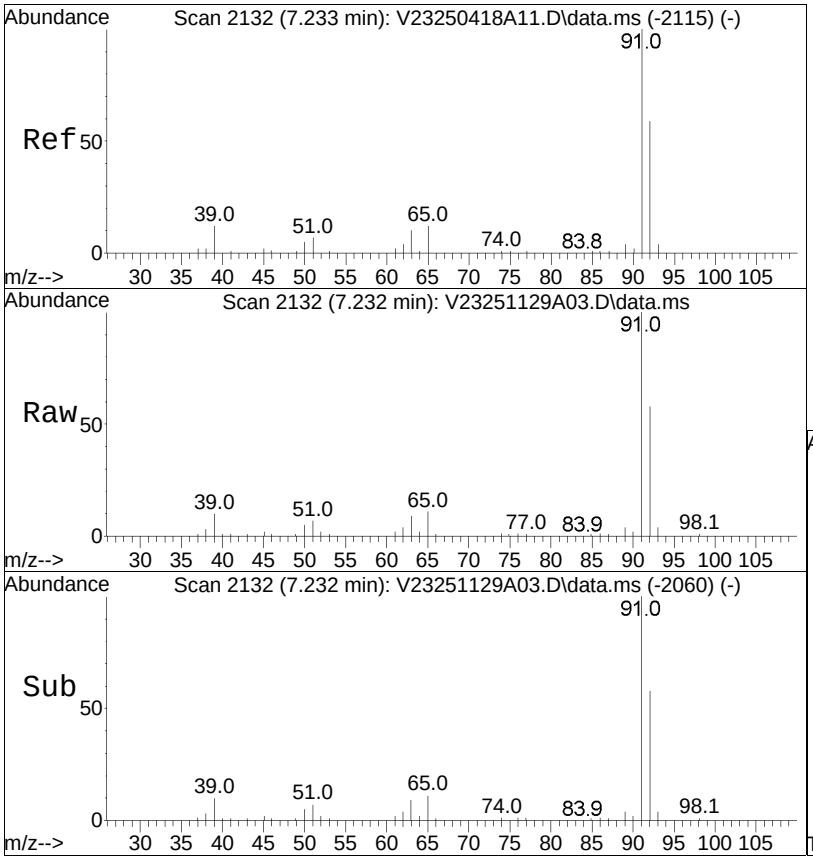


#58
cis-1,3-Dichloropropene
Concen: 45.52 ug/L
RT: 6.970 min Scan# 2038
Delta R.T. -0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 75 Resp: 181402

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.9	38.9
39	51.8	34.5	51.7#

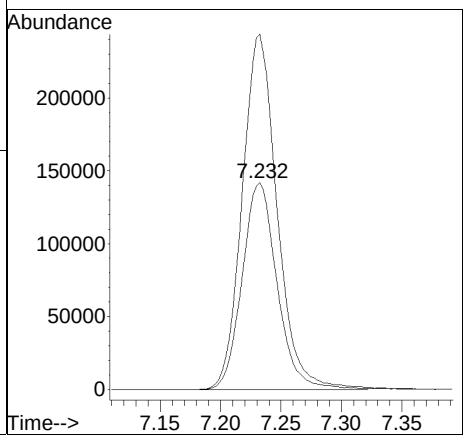


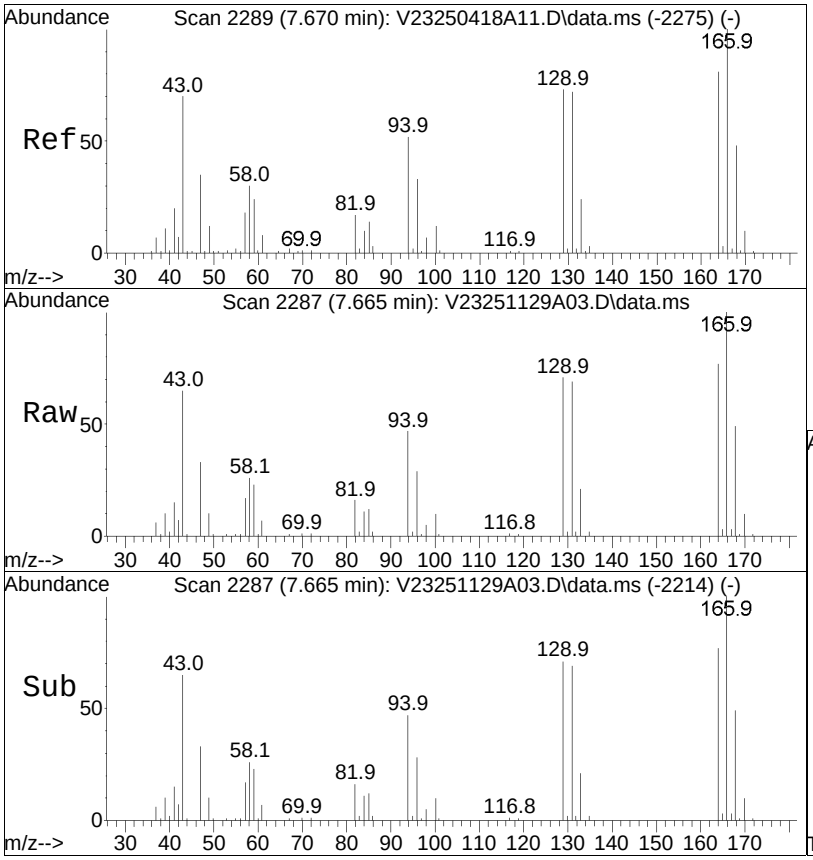


#61
Toluene
Concen: 44.02 ug/L
RT: 7.232 min Scan# 2132
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 92 Resp: 284956

Ion	Ratio	Lower	Upper
92	100		
91	171.5	136.4	204.6

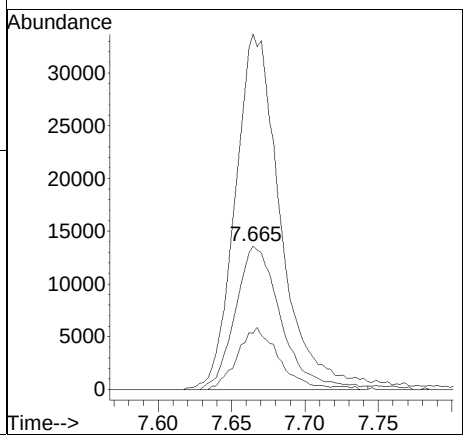


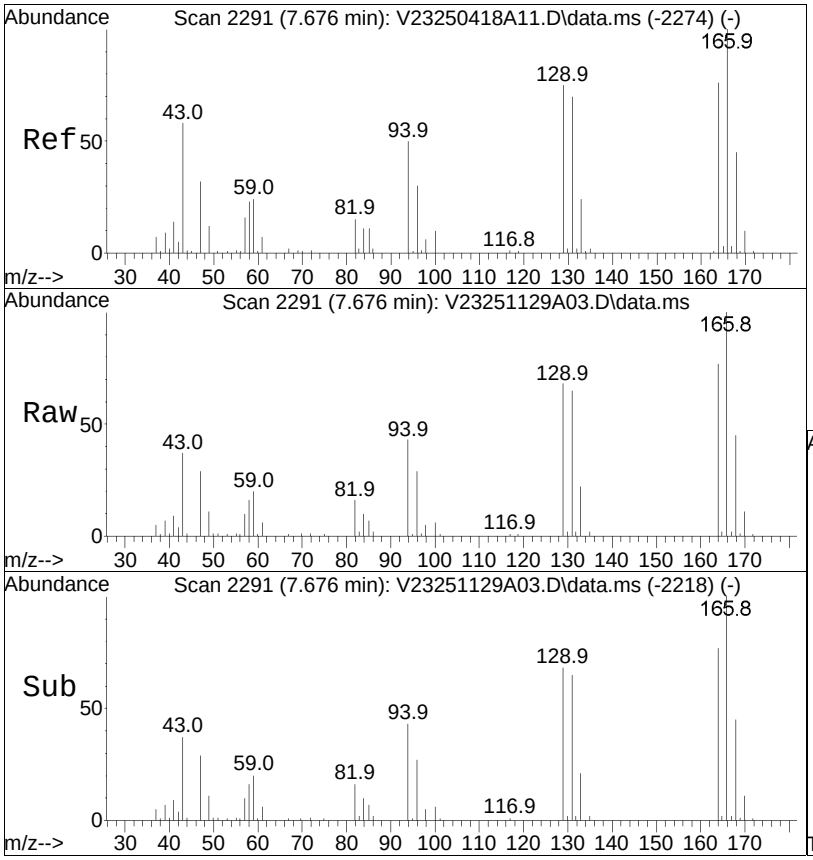


#62
4-Methyl-2-pentanone
Concen: 42.72 ug/L
RT: 7.665 min Scan# 2287
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 58 Resp: 29441

Ion	Ratio	Lower	Upper
58	100		
100	38.9	33.1	49.7
43	243.5	179.0	268.6

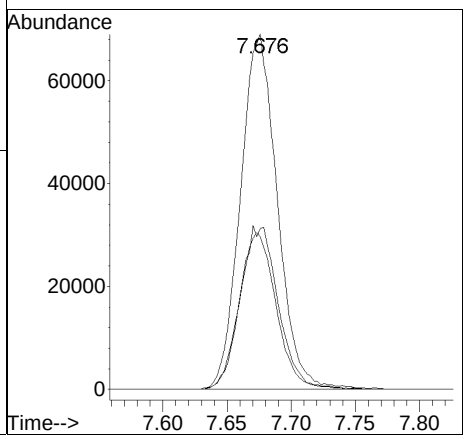


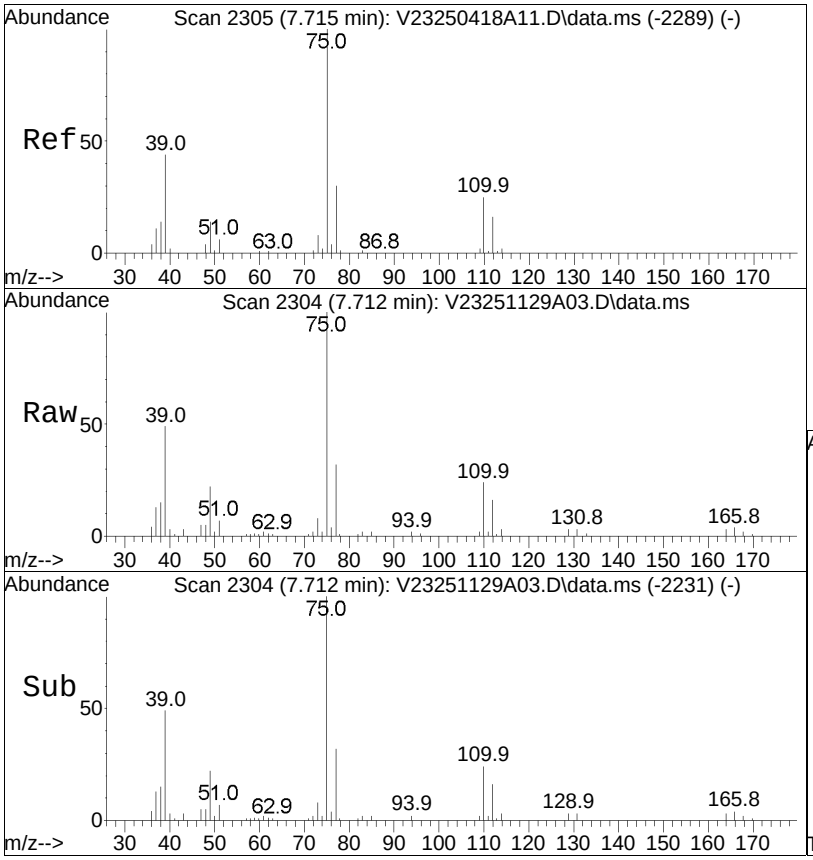


#63
Tetrachloroethene
Concen: 49.60 ug/L
RT: 7.676 min Scan# 2291
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:166 Resp: 138131

Ion	Ratio	Lower	Upper
166	100		
168	47.7	28.0	68.0
94	44.2	23.3	63.3

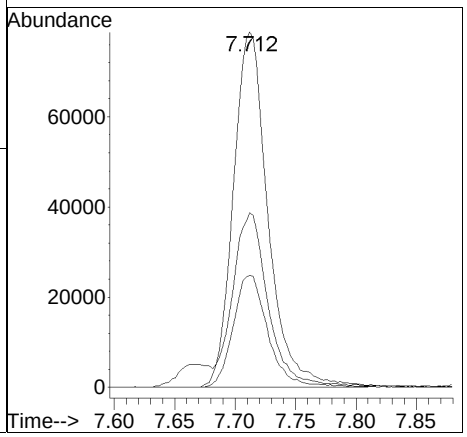


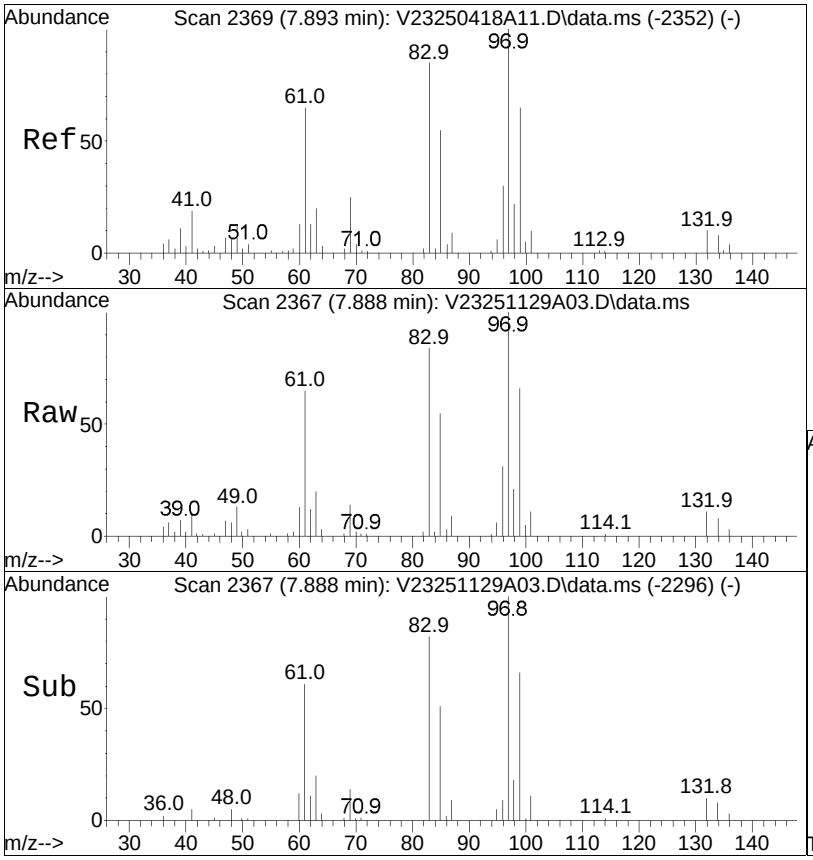


#65
trans-1,3-Dichloropropene
Concen: 43.36 ug/L
RT: 7.712 min Scan# 2304
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 75 Resp: 158125

Ion	Ratio	Lower	Upper
75	100		
77	31.4	12.7	52.7
39	48.9	29.5	69.5

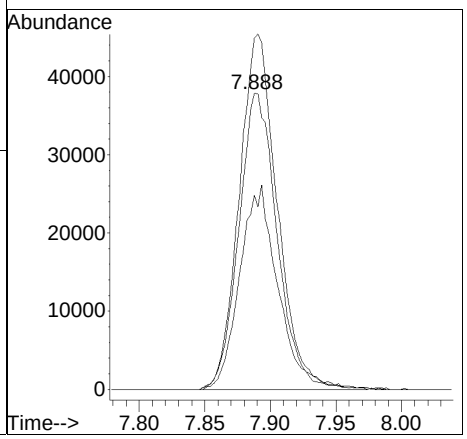


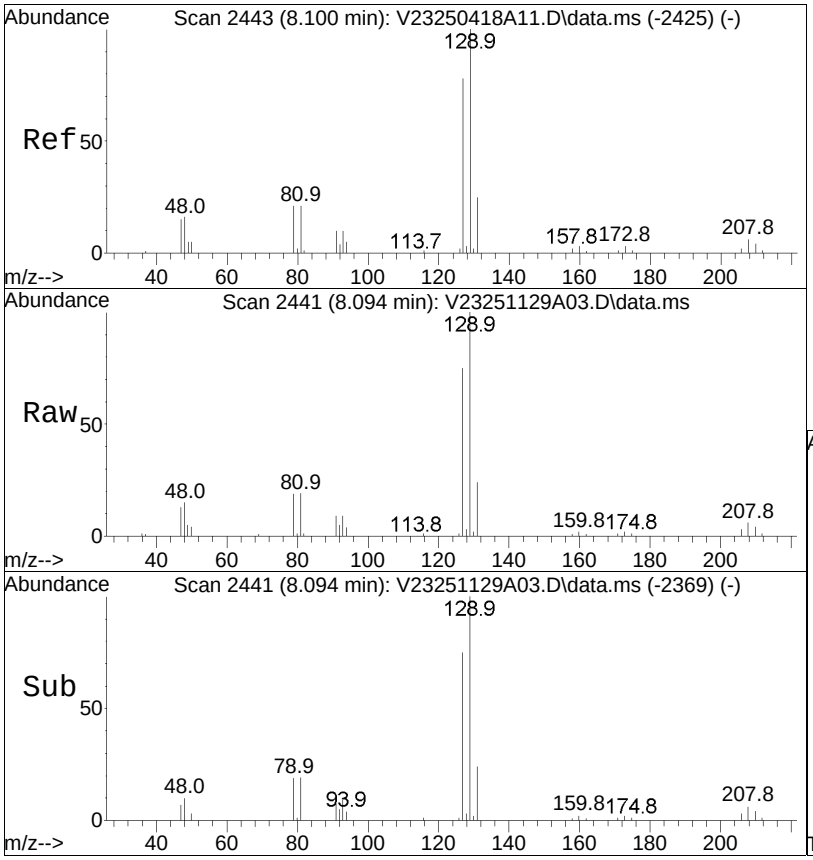


#68
1,1,2-Trichloroethane
Concen: 41.73 ug/L
RT: 7.888 min Scan# 2367
Delta R.T. -0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 83 Resp: 77593

Ion	Ratio	Lower	Upper
83	100		
97	118.9	99.1	139.1
85	67.7	46.8	86.8

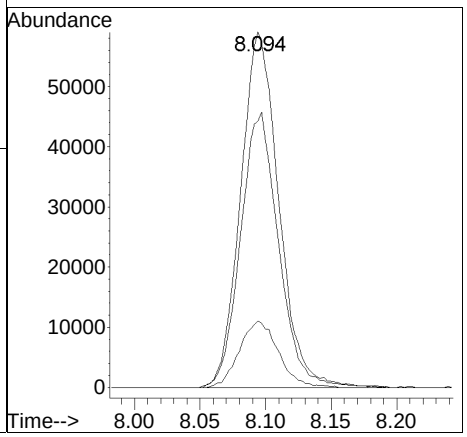


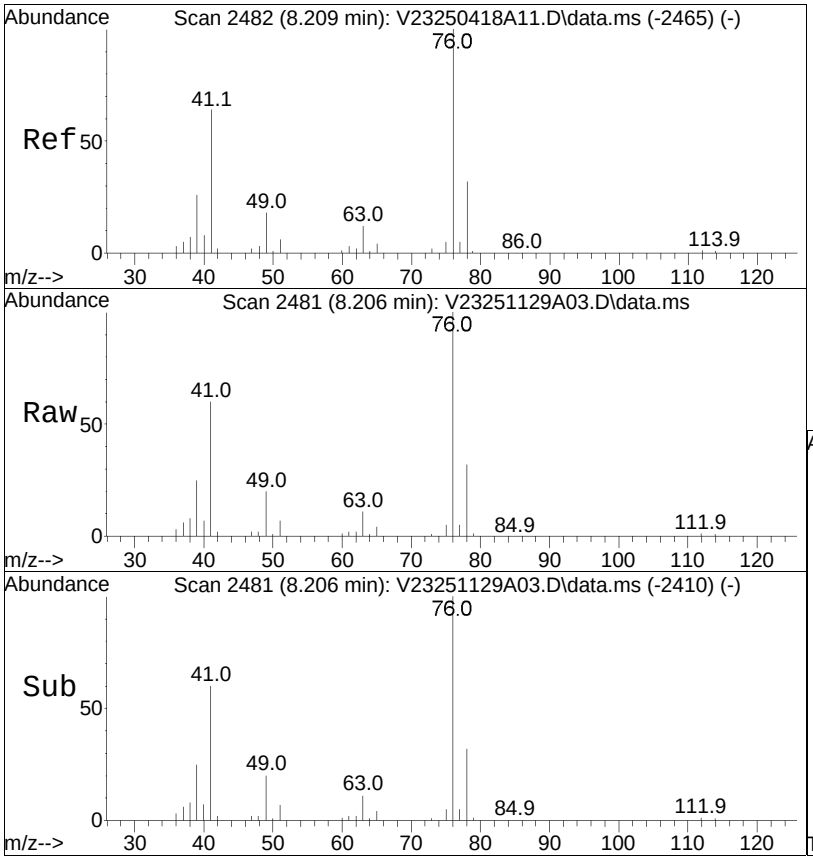


#69
Chlorodibromomethane
Concen: 44.76 ug/L
RT: 8.094 min Scan# 2441
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:129 Resp: 119545

Ion	Ratio	Lower	Upper
129	100		
81	19.1	0.0	35.1
127	77.2	57.6	97.6

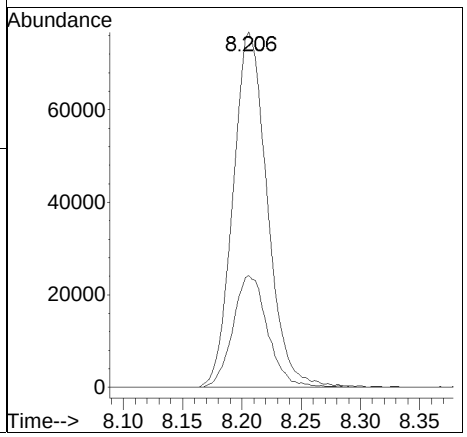


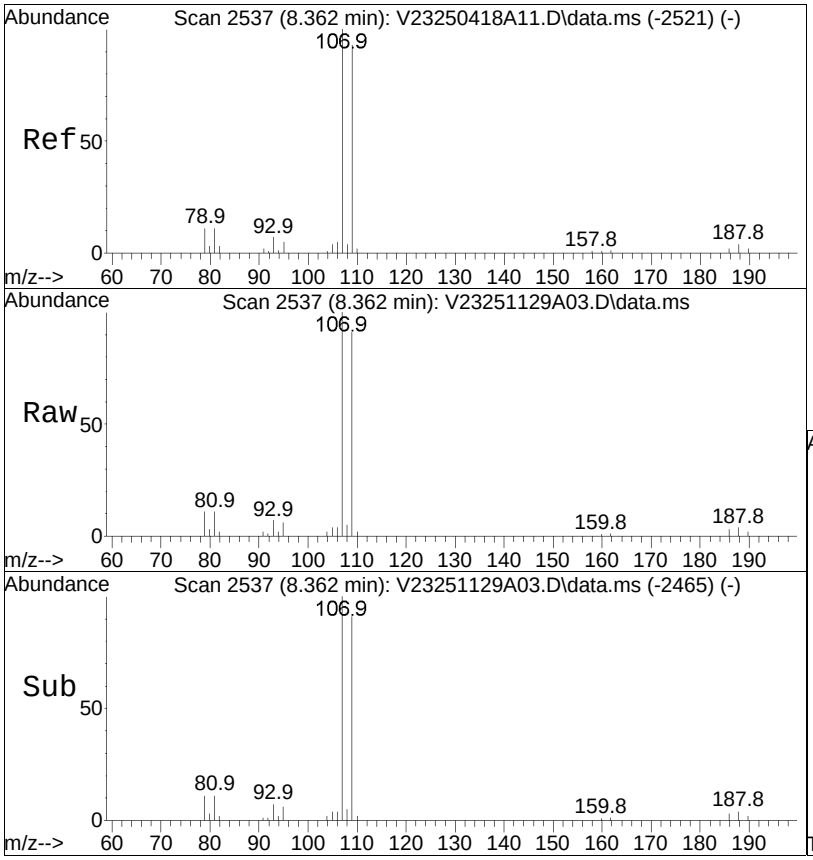


#70
1,3-Dichloropropane
Concen: 42.22 ug/L
RT: 8.206 min Scan# 2481
Delta R.T. -0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 76 Resp: 154989

Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.2

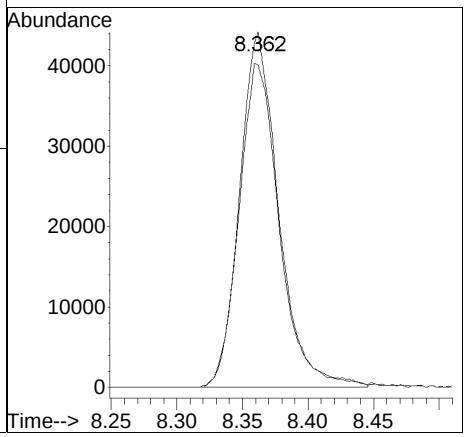


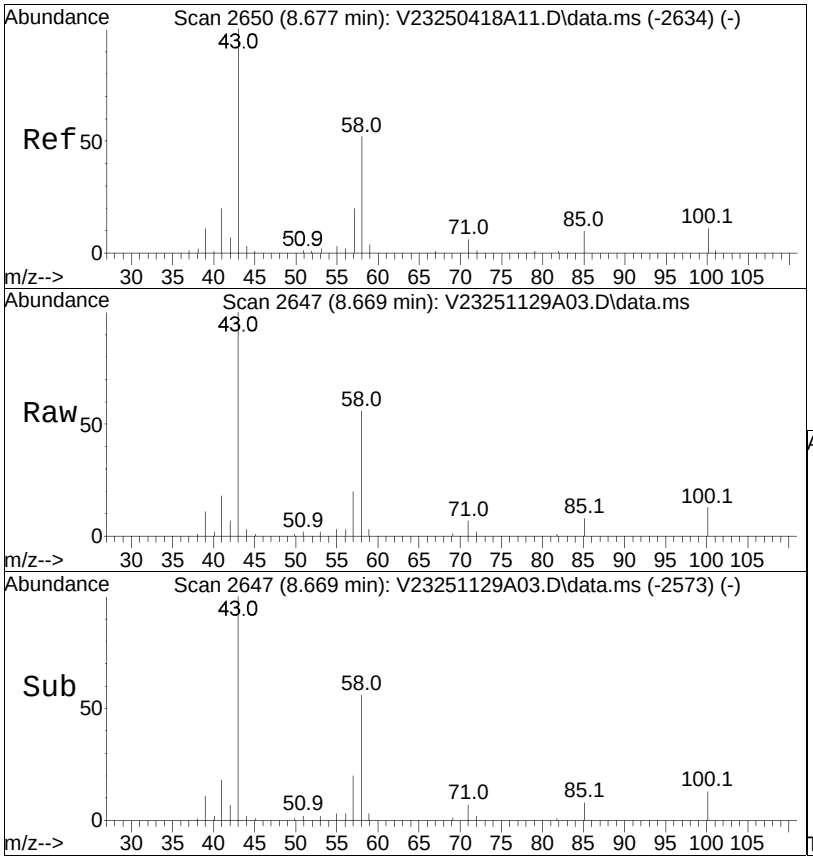


#71
1,2-Dibromoethane
Concen: 44.40 ug/L
RT: 8.362 min Scan# 2537
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:107 Resp: 91643

Ion	Ratio	Lower	Upper
107	100		
109	93.0	76.1	114.1

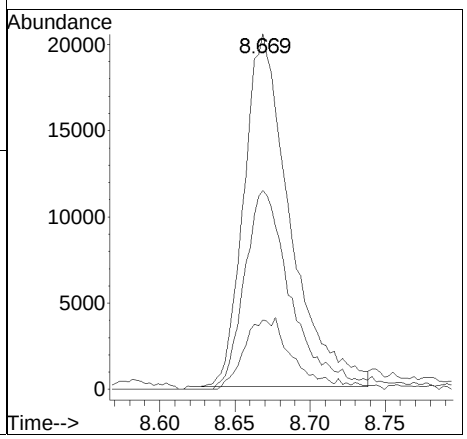


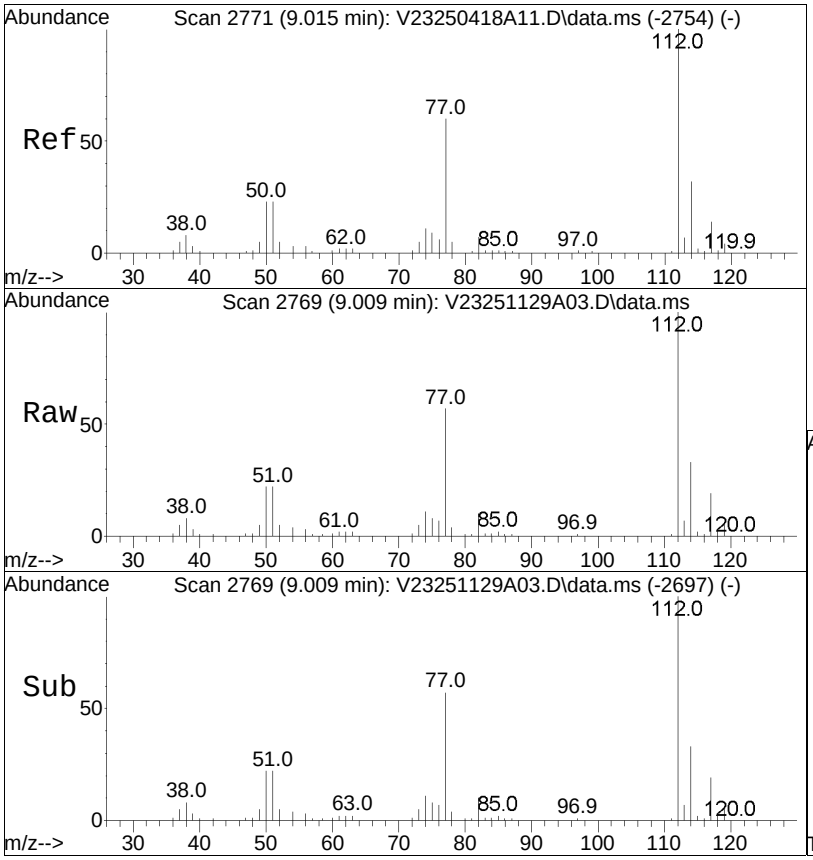


#72
2-Hexanone
Concen: 35.40 ug/L
RT: 8.669 min Scan# 2647
Delta R.T. 0.006 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 43 Resp: 43798

Ion	Ratio	Lower	Upper
43	100		
58	56.8	49.2	73.8
57	20.4	17.4	26.2

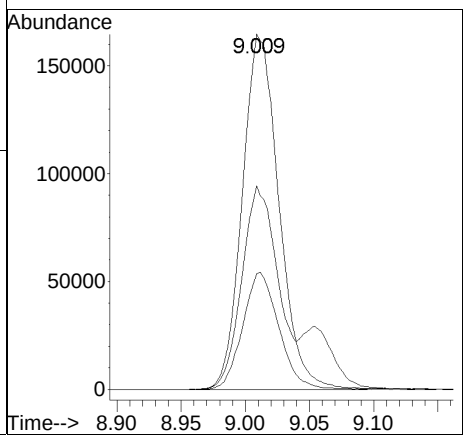


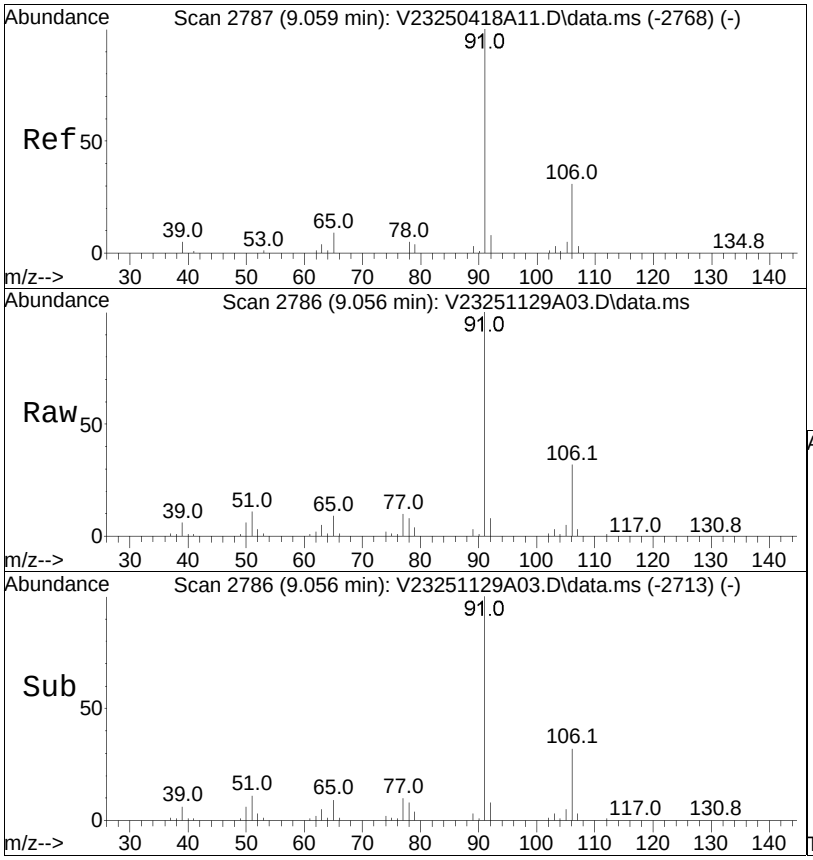


#73
Chlorobenzene
Concen: 44.10 ug/L
RT: 9.009 min Scan# 2769
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:112 Resp: 326252

Ion	Ratio	Lower	Upper
112	100		
77	56.5	58.5	87.7#
114	32.6	25.8	38.6

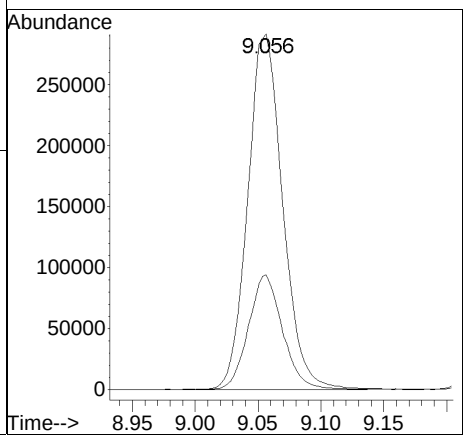


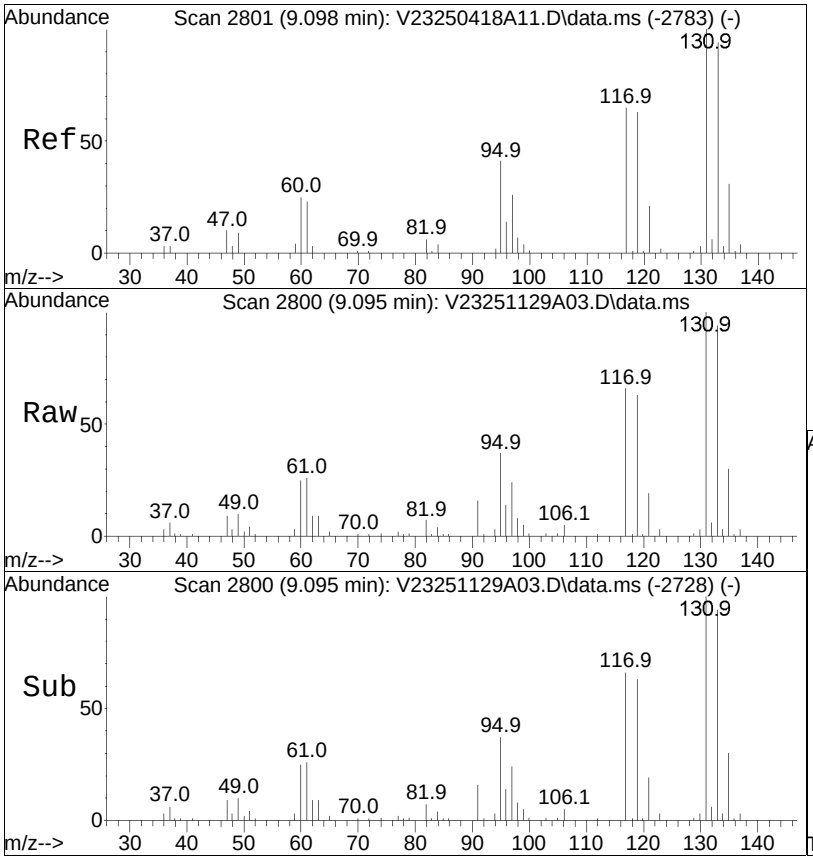


#74
Ethylbenzene
Concen: 44.03 ug/L
RT: 9.056 min Scan# 2786
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 91 Resp: 564306

Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.2	37.8

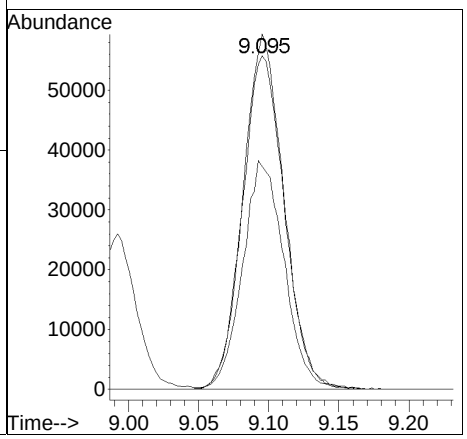


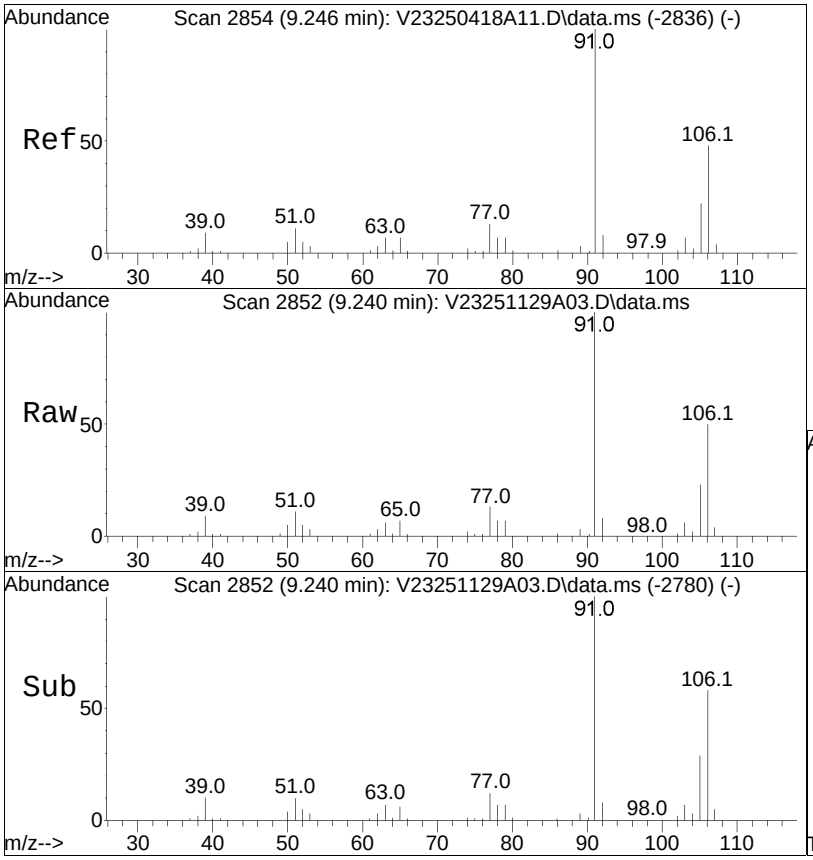


#75
1,1,1,2-Tetrachloroethane
Concen: 44.74 ug/L
RT: 9.095 min Scan# 2800
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:131 Resp: 120946

Ion	Ratio	Lower	Upper
131	100		
133	96.4	75.5	115.5
119	65.3	46.0	86.0

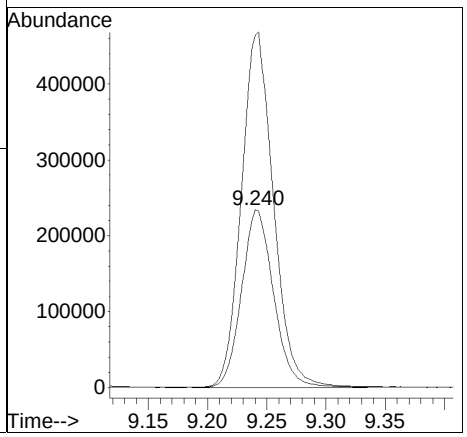


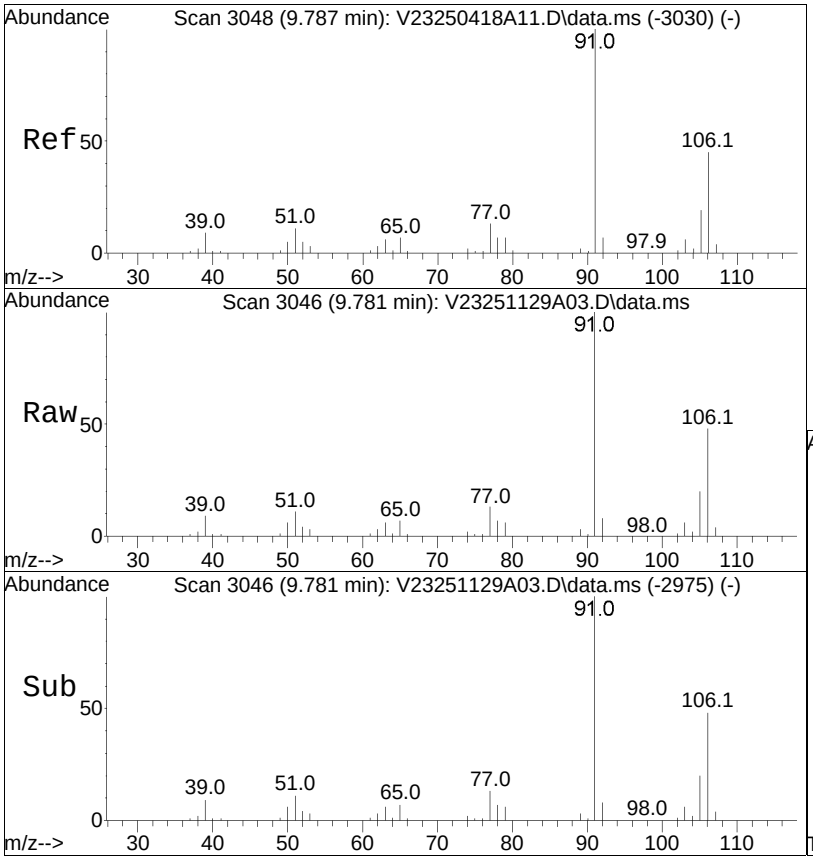


#76
p/m Xylene
Concen: 91.84 ug/L
RT: 9.240 min Scan# 2852
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:106 Resp: 440070

Ion	Ratio	Lower	Upper
106	100		
91	200.2	160.4	240.6

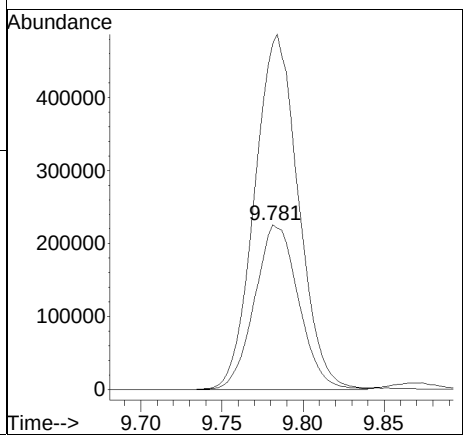


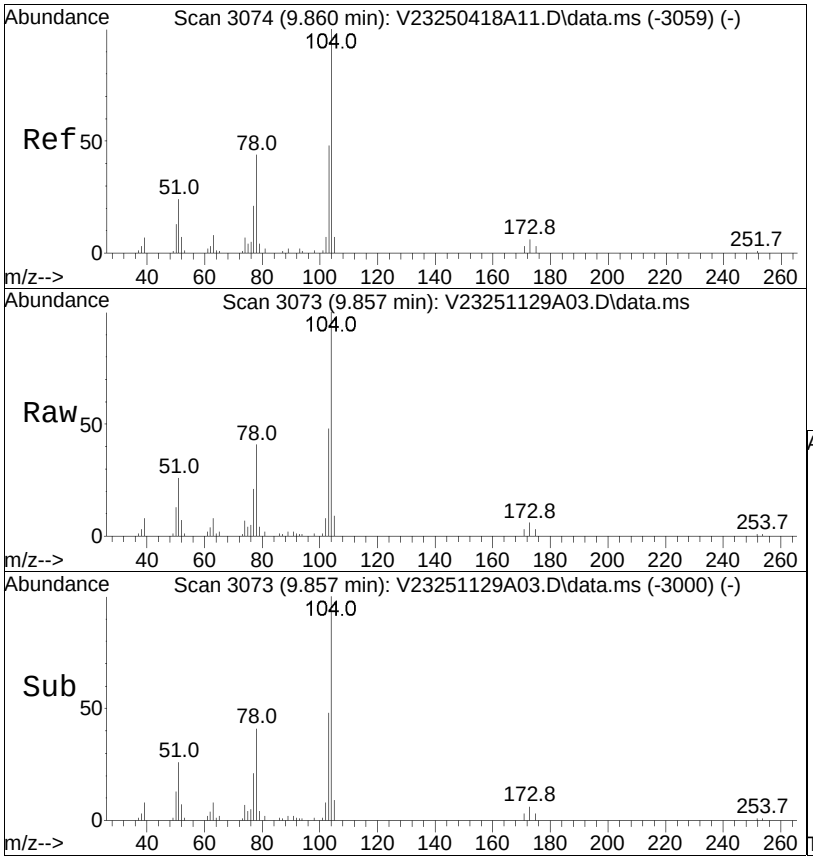


#77
o Xylene
Concen: 87.89 ug/L
RT: 9.781 min Scan# 3046
Delta R.T. -0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:106 Resp: 425003

Ion	Ratio	Lower	Upper
106	100		
91	215.0	169.6	254.4

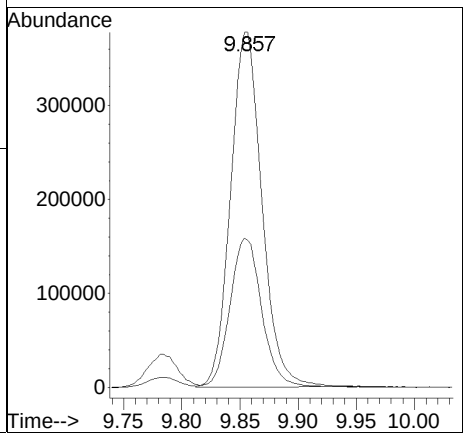


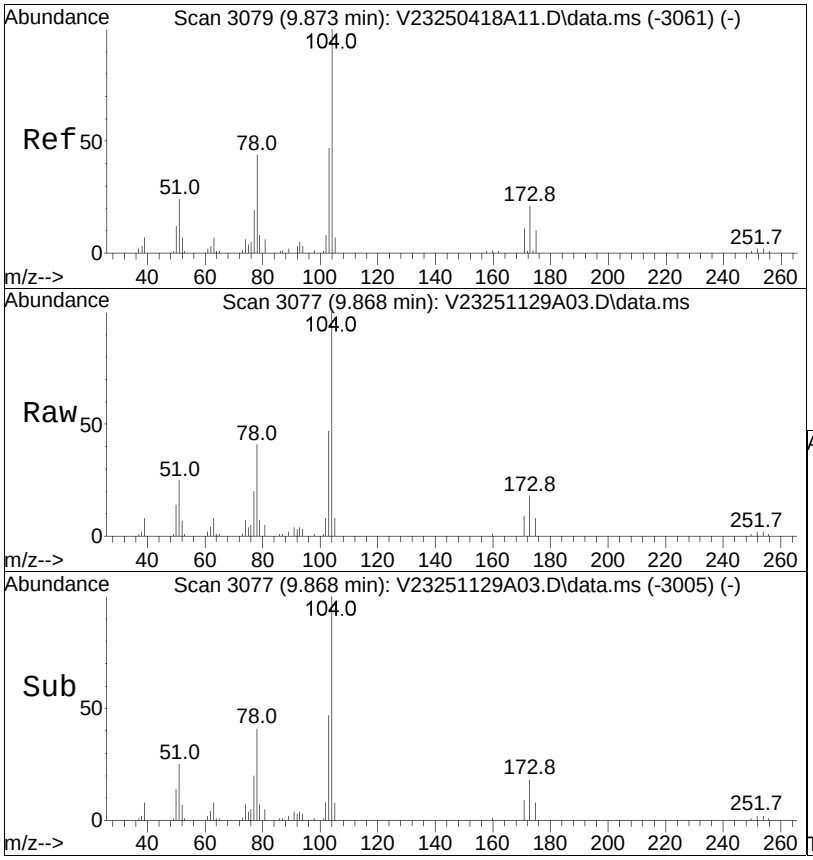


#78
Styrene
Concen: 86.98 ug/L
RT: 9.857 min Scan# 3073
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:104 Resp: 708703

Ion	Ratio	Lower	Upper
104	100		
78	42.4	33.8	50.6

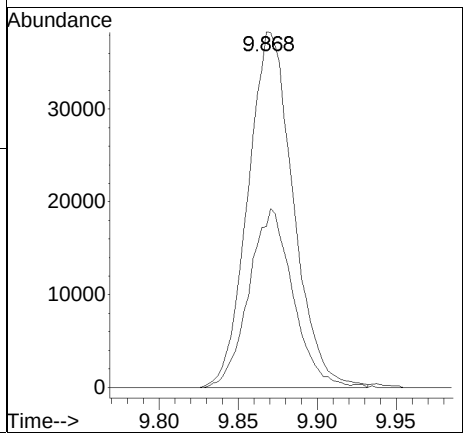


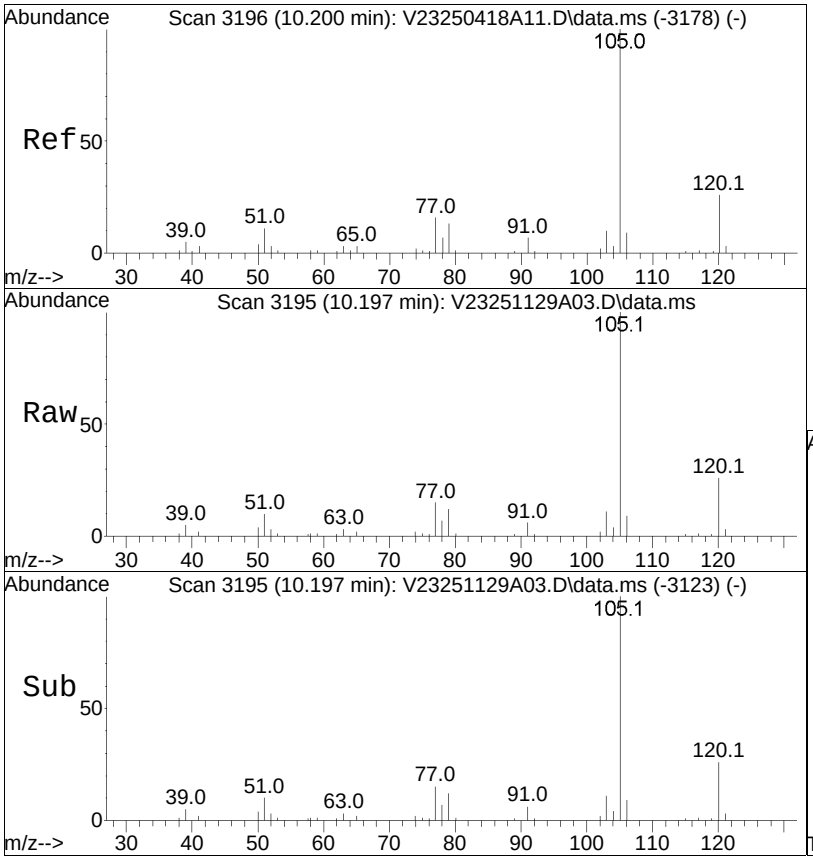


#80
Bromoform
Concen: 41.61 ug/L
RT: 9.868 min Scan# 3077
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:173 Resp: 76444

Ion	Ratio	Lower	Upper
173	100		
175	48.6	28.7	68.7

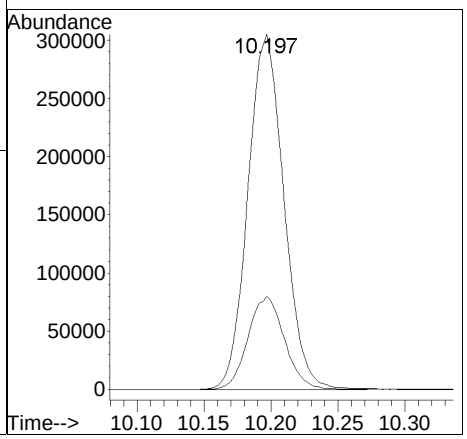


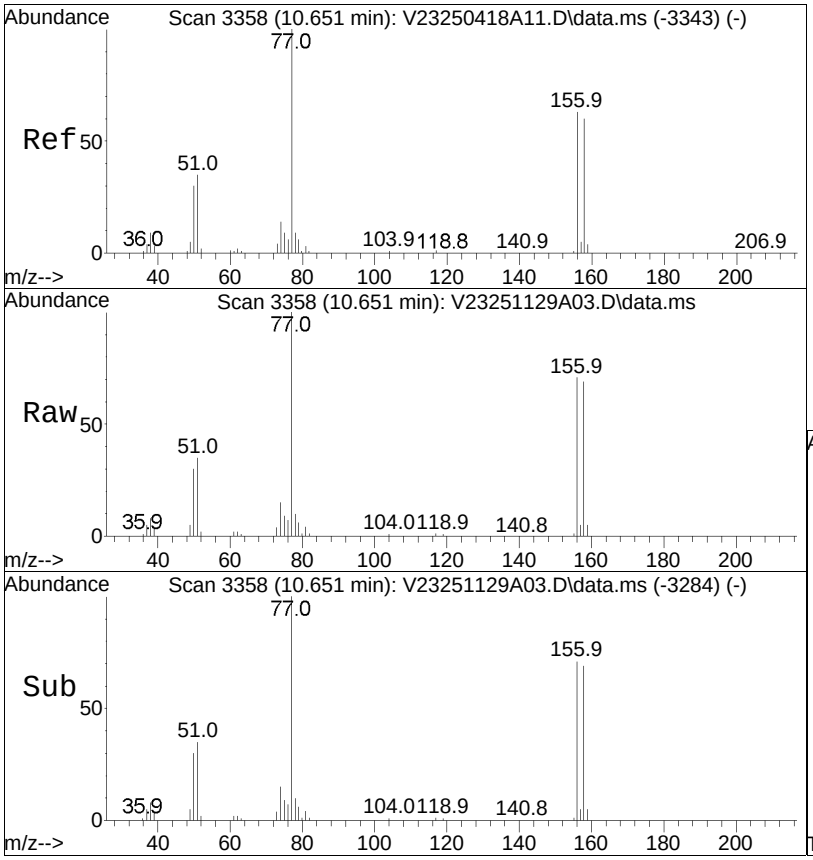


#82
Isopropylbenzene
Concen: 44.93 ug/L
RT: 10.197 min Scan# 3195
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:105 Resp: 570001

Ion	Ratio	Lower	Upper
105	100		
120	26.5	6.6	46.6

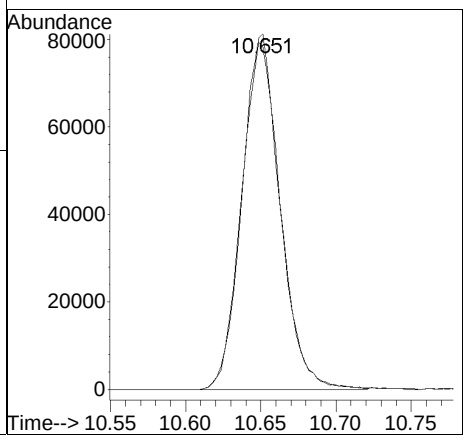


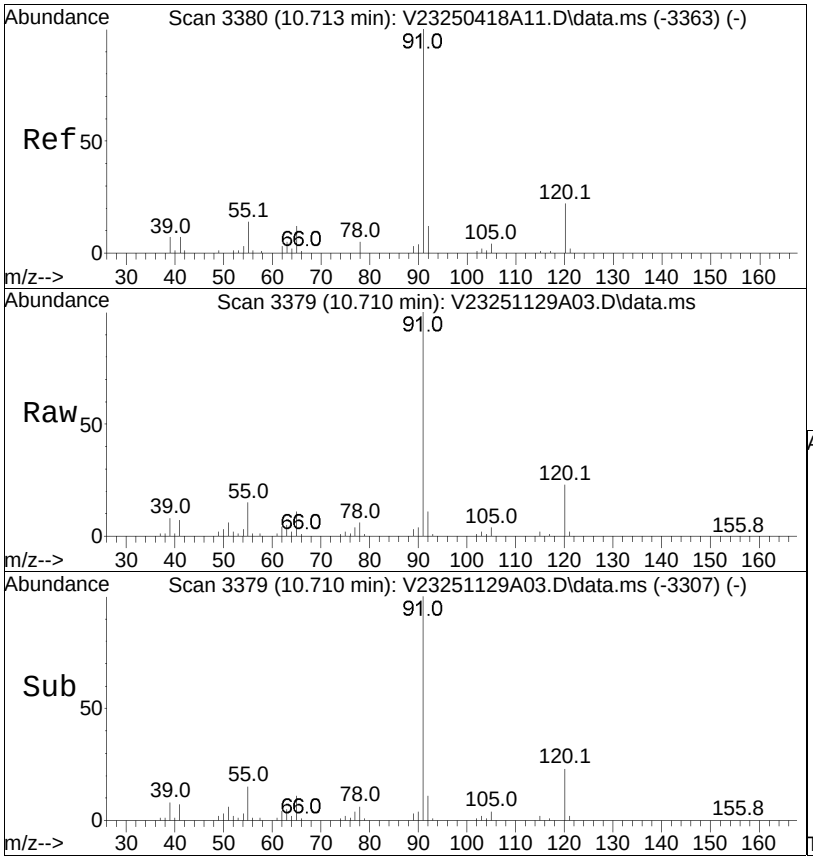


#84
Bromobenzene
Concen: 42.18 ug/L
RT: 10.651 min Scan# 3358
Delta R.T. 0.005 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:156 Resp: 144259

Ion	Ratio	Lower	Upper
156	100		
158	97.6	77.7	116.5

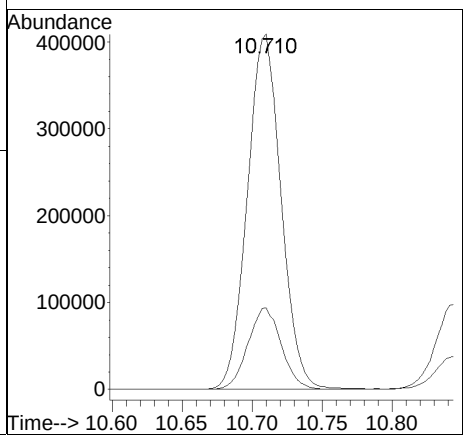


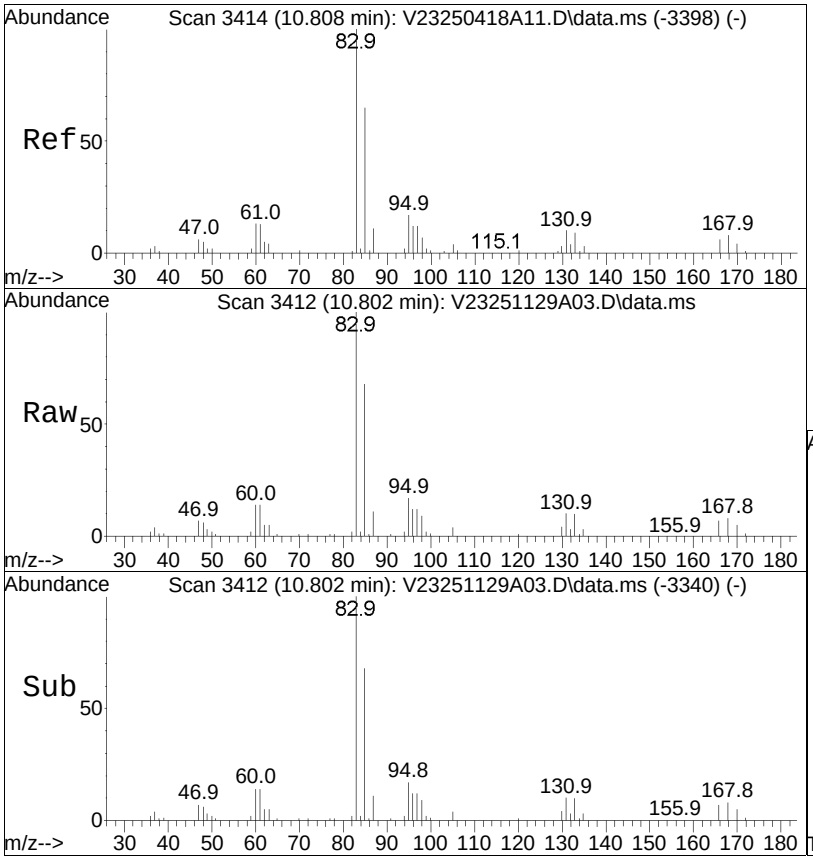


#85
n-Propylbenzene
Concen: 45.32 ug/L
RT: 10.710 min Scan# 3379
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 91 Resp: 684470

Ion	Ratio	Lower	Upper
91	100		
120	22.8	18.2	27.2

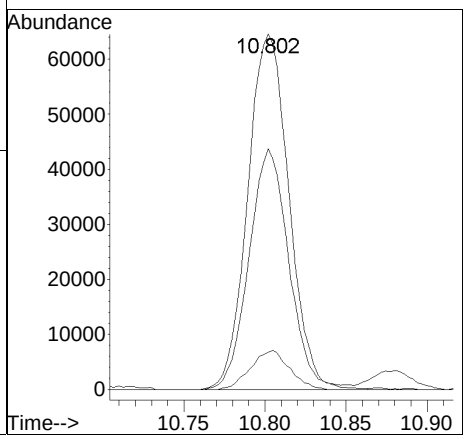


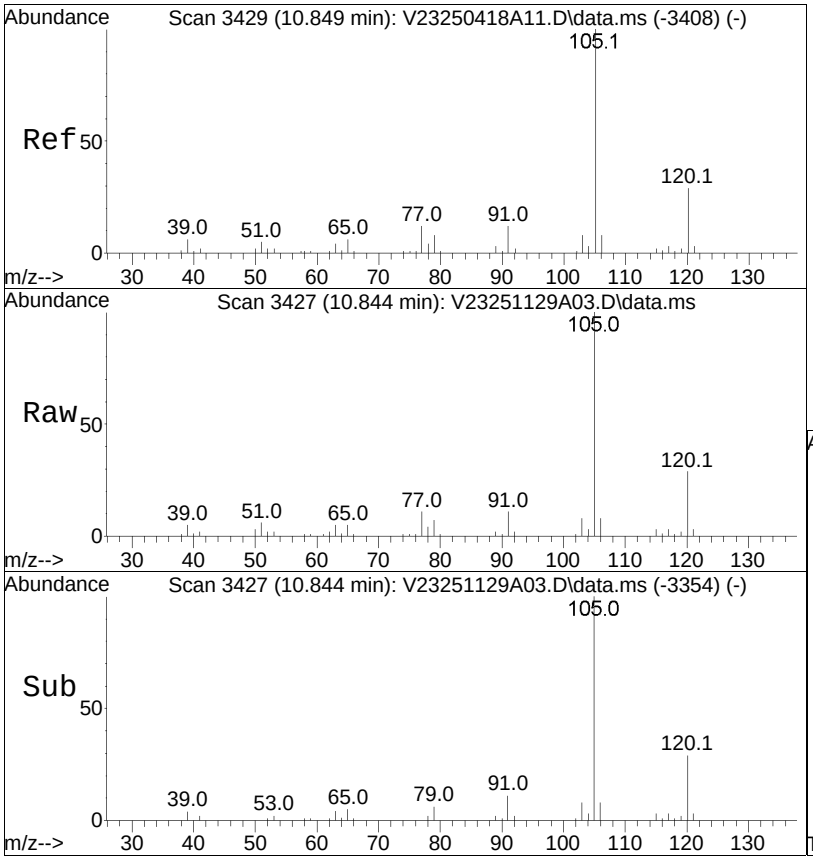


#87
1,1,2,2-Tetrachloroethane
Concen: 40.80 ug/L
RT: 10.802 min Scan# 3412
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 83 Resp: 113919

Ion	Ratio	Lower	Upper
83	100		
131	10.3	0.0	30.1
85	65.6	45.1	85.1

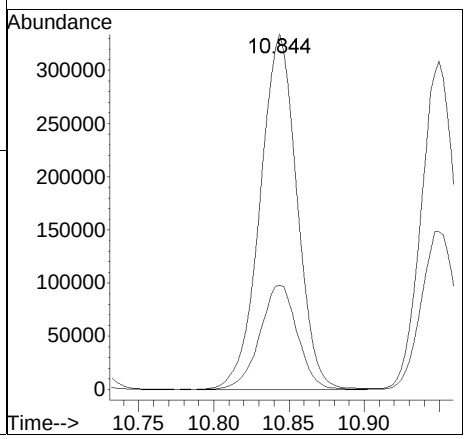


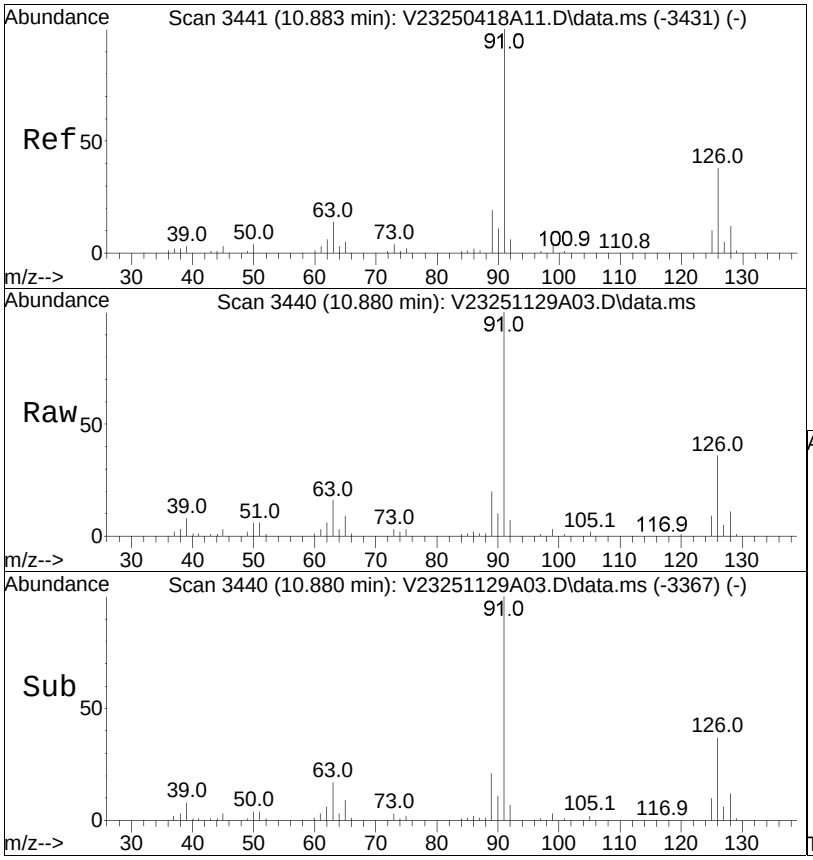


#88
4-Ethyltoluene
Concen: 45.29 ug/L
RT: 10.844 min Scan# 3427
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:105 Resp: 569265

Ion	Ratio	Lower	Upper
105	100		
120	29.9	19.4	40.4

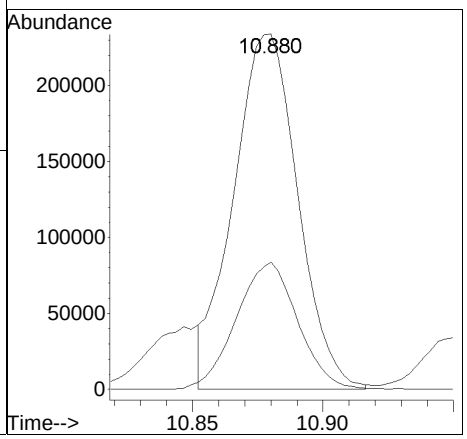


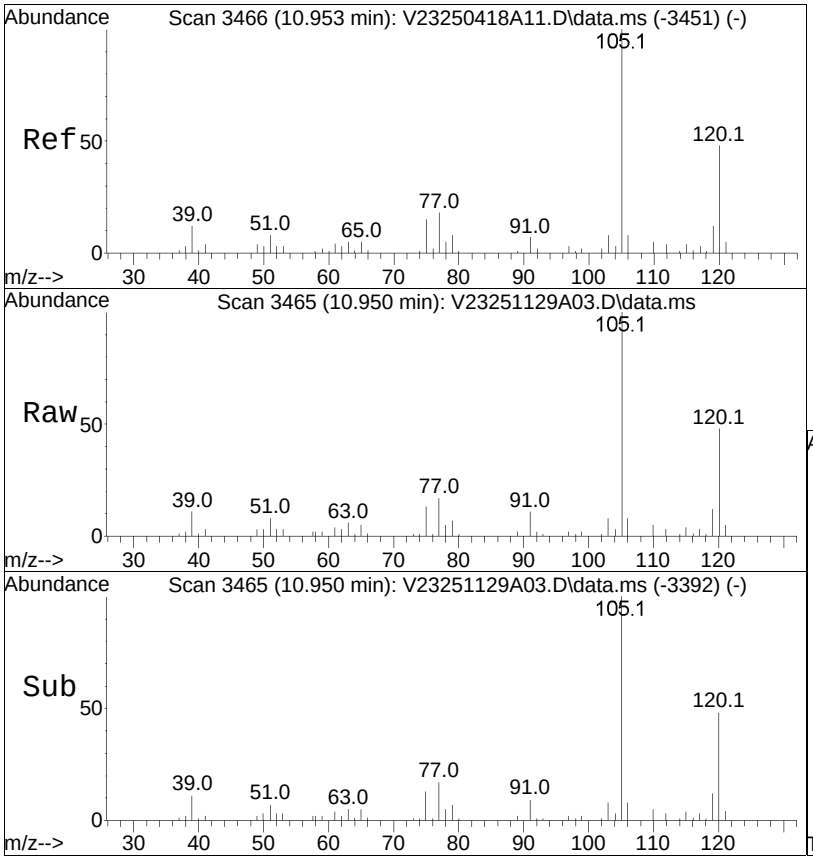


#89
2-Chlorotoluene
Concen: 42.68 ug/L M6
RT: 10.880 min Scan# 3440
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 91 Resp: 402520

Ion	Ratio	Lower	Upper
91	100		
126	34.1	26.7	40.1

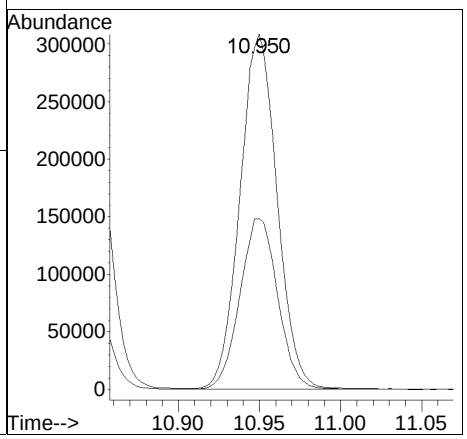


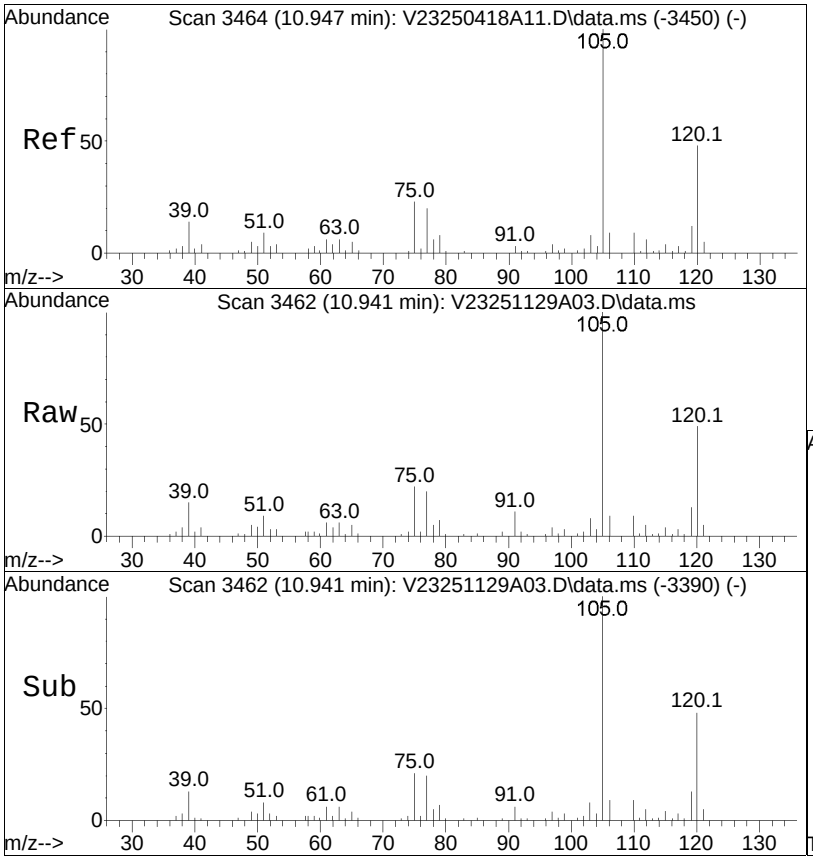


#90
1,3,5-Trimethylbenzene
Concen: 43.94 ug/L
RT: 10.950 min Scan# 3465
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:105 Resp: 489835

Ion	Ratio	Lower	Upper
105	100		
120	49.0	39.9	59.9

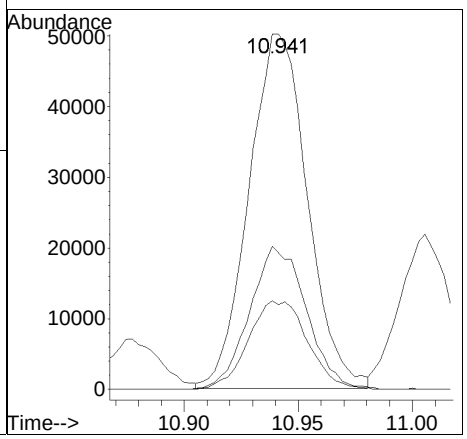


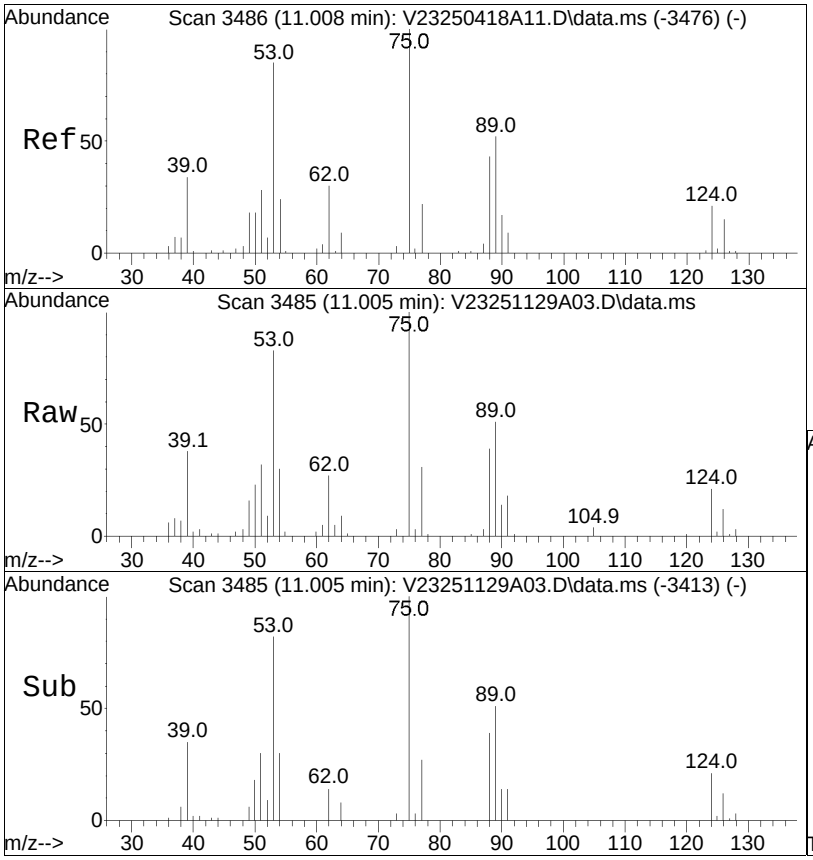


#91
1,2,3-Trichloropropane
Concen: 40.58 ug/L
RT: 10.941 min Scan# 3462
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 75 Resp: 89567

Ion	Ratio	Lower	Upper
75	100		
110	38.9	24.6	51.0
112	25.2	15.7	32.5

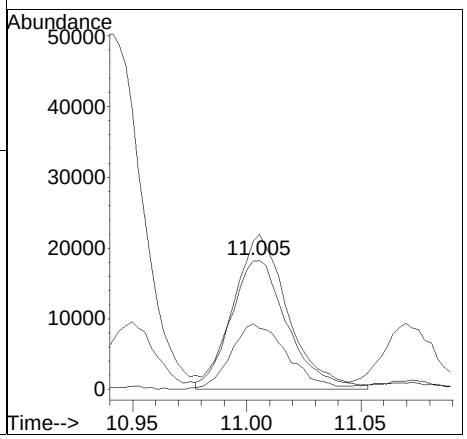


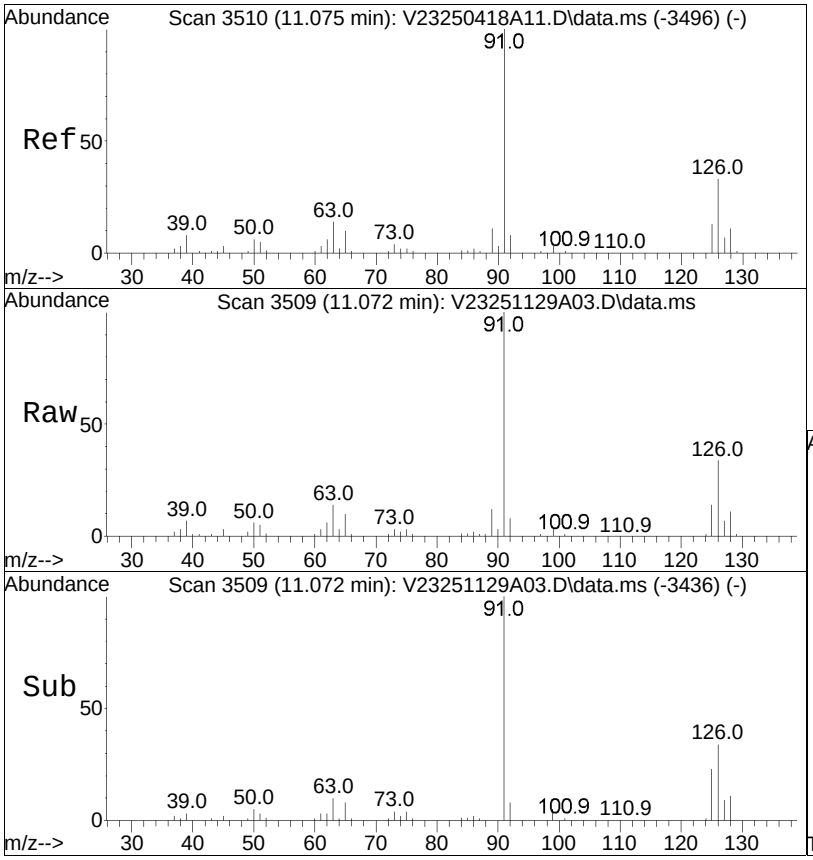


#92
trans-1,4-Dichloro-2-butene
Concen: 40.59 ug/L
RT: 11.005 min Scan# 3485
Delta R.T. -0.001 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 53 Resp: 31660

Ion	Ratio	Lower	Upper
53	100		
88	50.6	45.1	67.7
75	110.6	116.5	174.7#

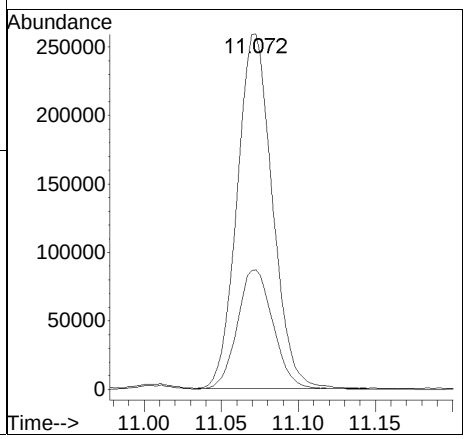


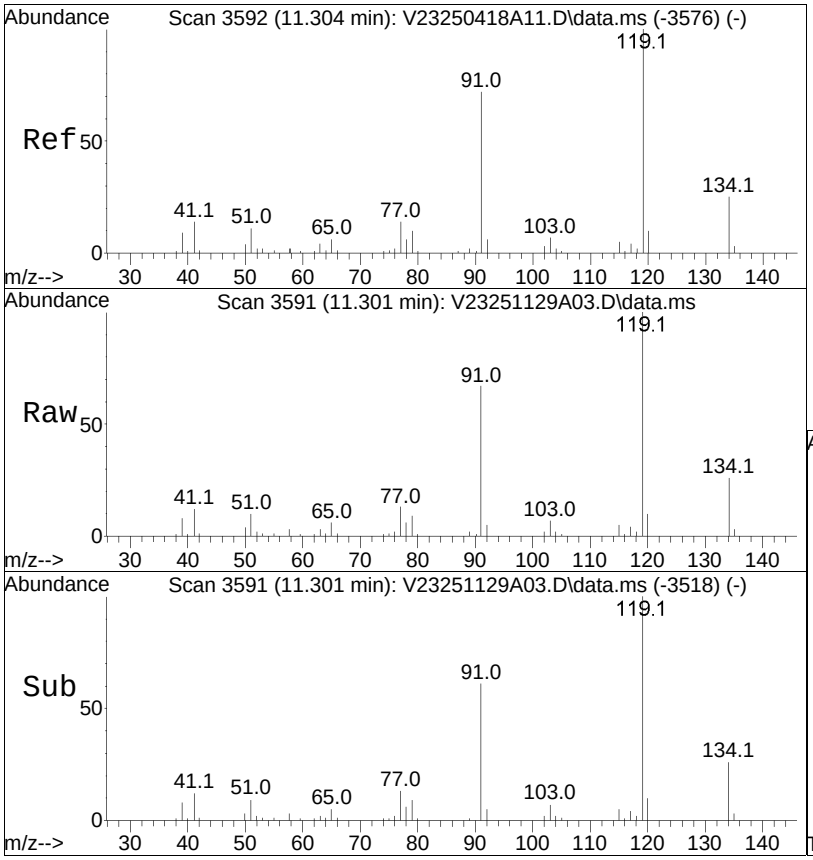


#93
4-Chlorotoluene
Concen: 42.88 ug/L
RT: 11.072 min Scan# 3509
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 91 Resp: 411002

Ion	Ratio	Lower	Upper
91	100		
126	34.2	26.9	40.3

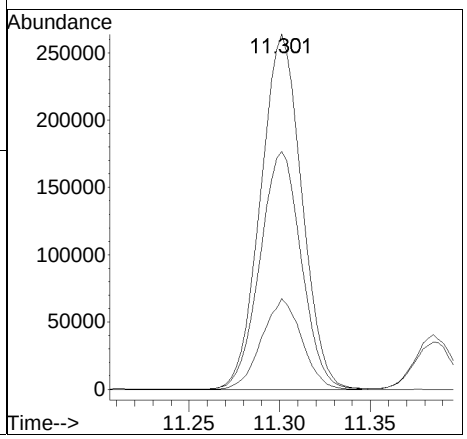


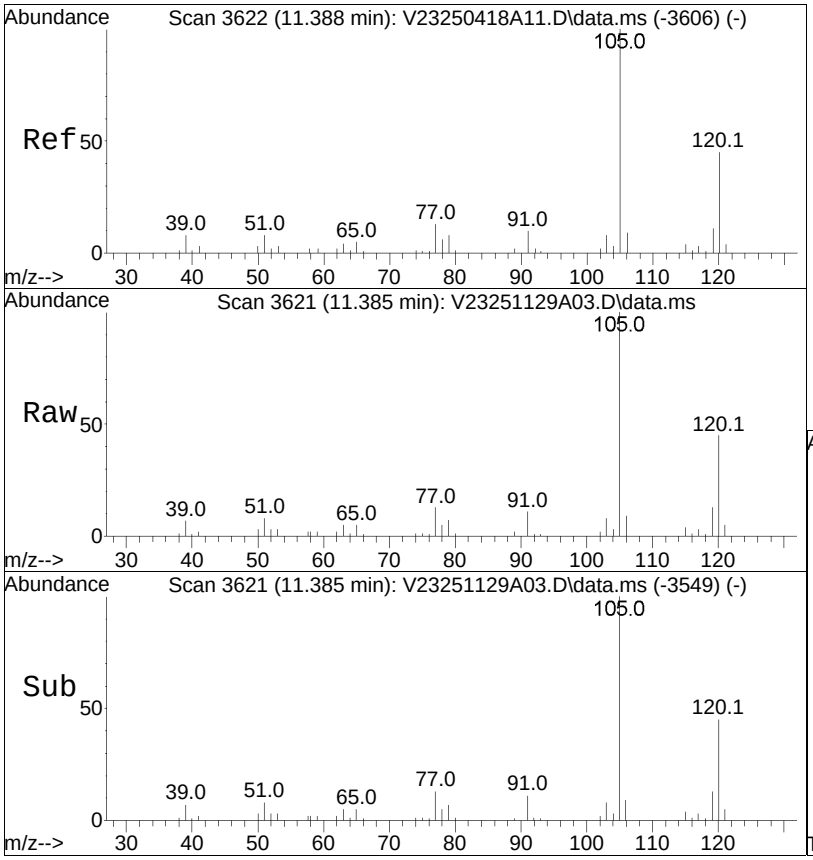


#94
tert-Butylbenzene
Concen: 44.64 ug/L
RT: 11.301 min Scan# 3591
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:119 Resp: 416701

Ion	Ratio	Lower	Upper
119	100		
91	67.2	53.1	79.7
134	24.9	20.4	30.6

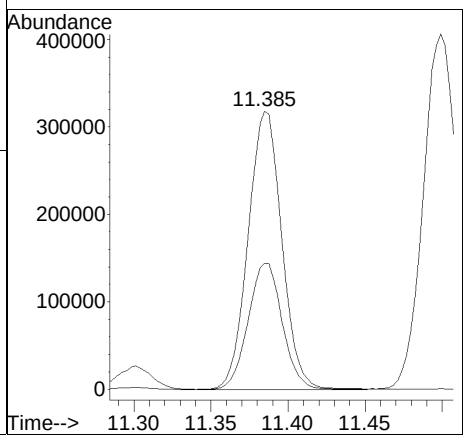


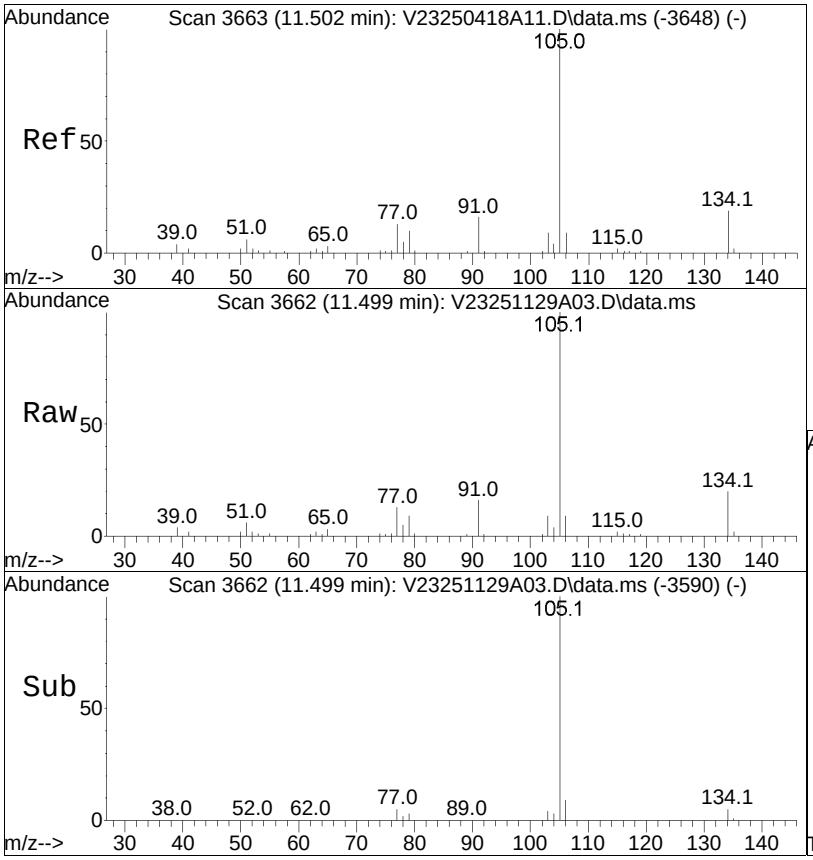


#97
1,2,4-Trimethylbenzene
Concen: 43.61 ug/L
RT: 11.385 min Scan# 3621
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:105 Resp: 483303

Ion	Ratio	Lower	Upper
105	100		
120	46.0	36.9	55.3

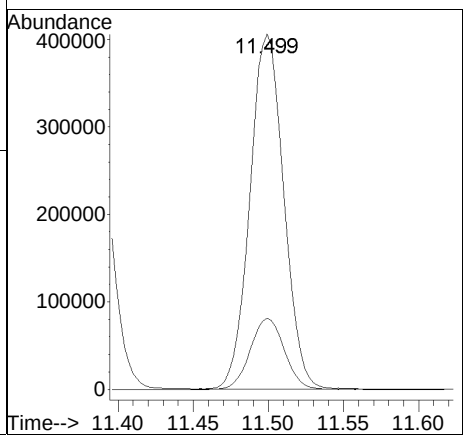


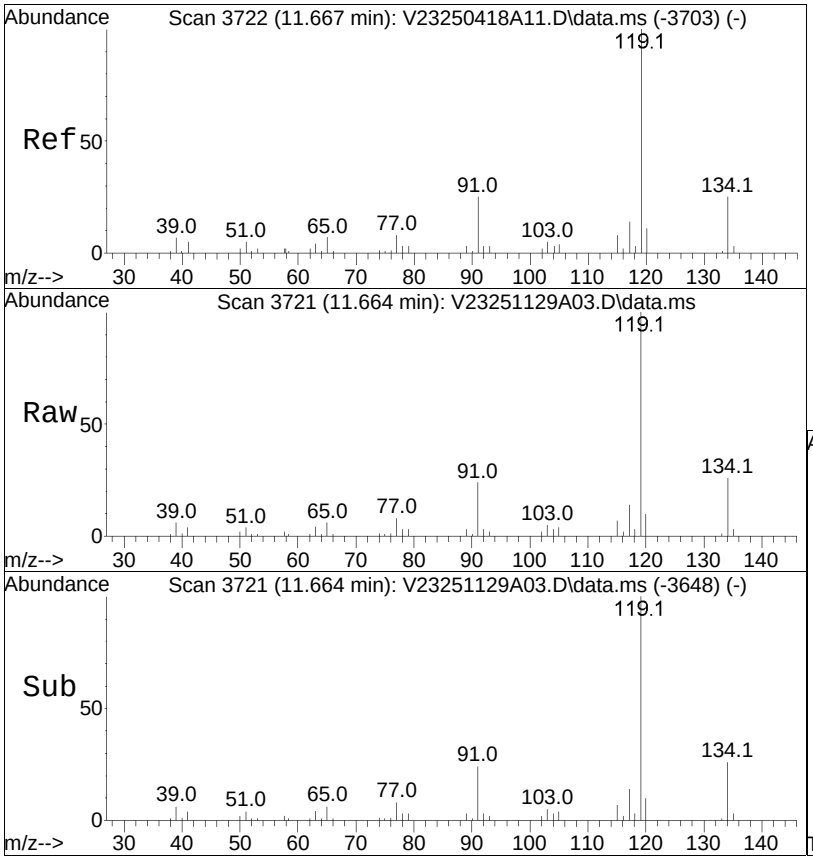


#98
sec-Butylbenzene
Concen: 45.56 ug/L
RT: 11.499 min Scan# 3662
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:105 Resp: 636237

Ion	Ratio	Lower	Upper
105	100		
134	20.1	13.1	27.1

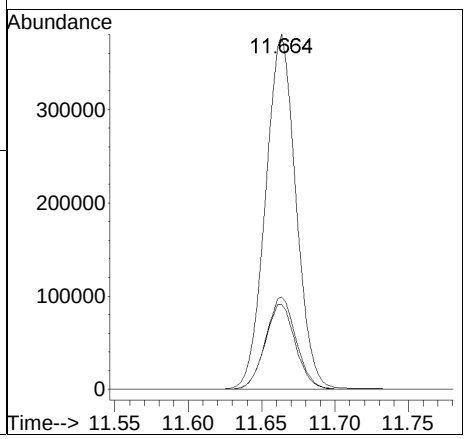


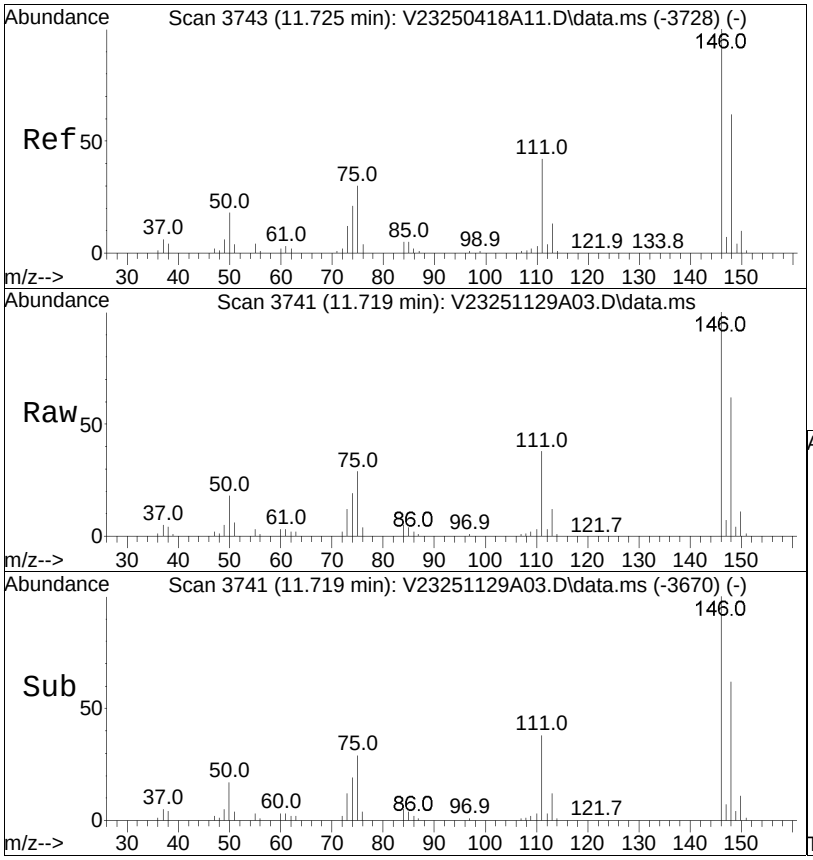


#99
p-Isopropyltoluene
Concen: 45.37 ug/L
RT: 11.664 min Scan# 3721
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:119 Resp: 548725

Ion	Ratio	Lower	Upper
119	100		
134	26.1	17.2	35.6
91	24.1	15.1	31.3

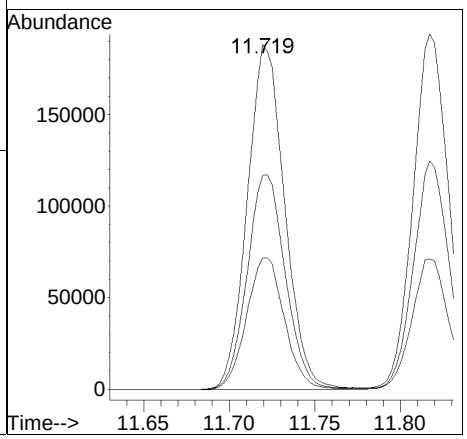


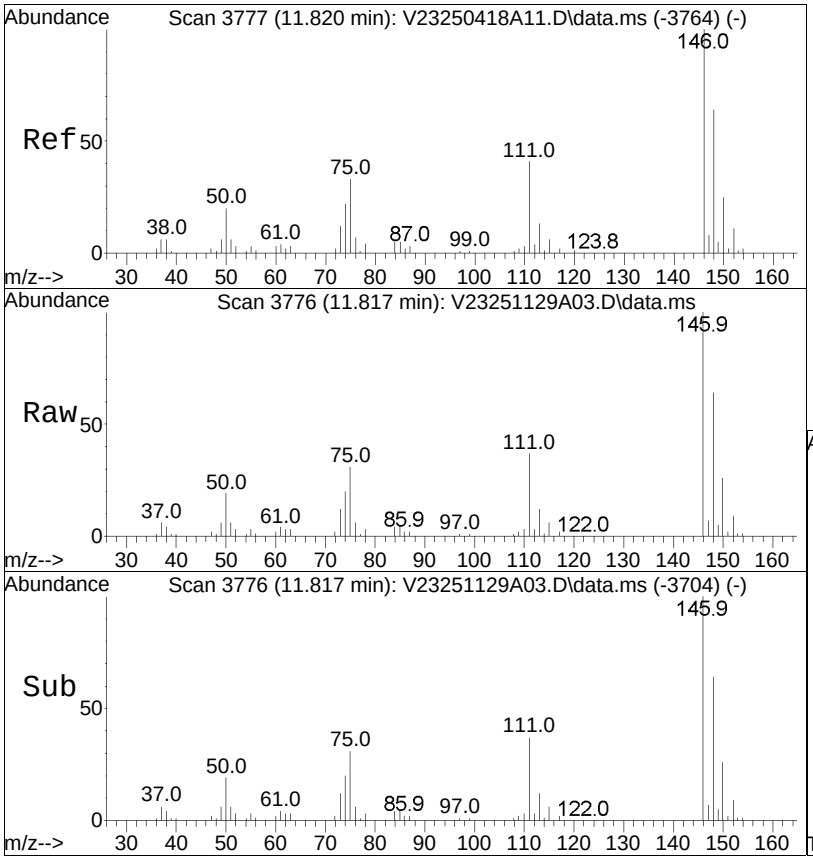


#100
1,3-Dichlorobenzene
Concen: 44.23 ug/L
RT: 11.719 min Scan# 3741
Delta R.T. -0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:146 Resp: 285969

Ion	Ratio	Lower	Upper
146	100		
111	38.6	26.0	54.0
148	63.5	41.4	86.0

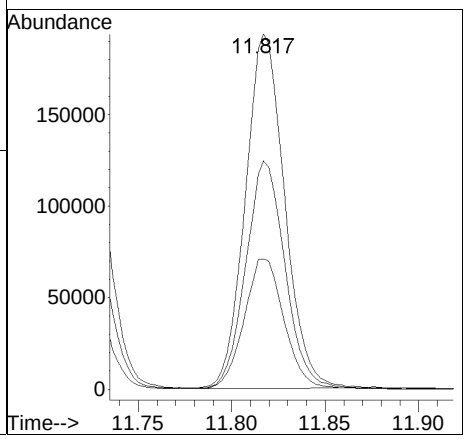


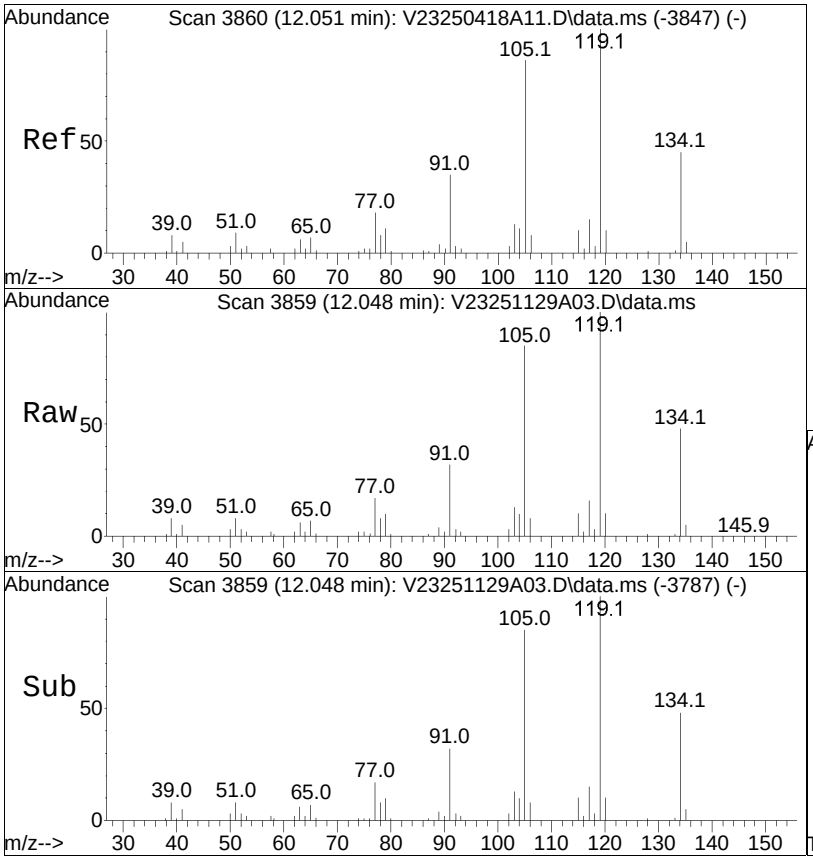


#101
1,4-Dichlorobenzene
Concen: 42.80 ug/L
RT: 11.817 min Scan# 3776
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:146 Resp: 283519

Ion	Ratio	Lower	Upper
146	100		
111	37.6	31.1	46.7
148	64.4	50.8	76.2

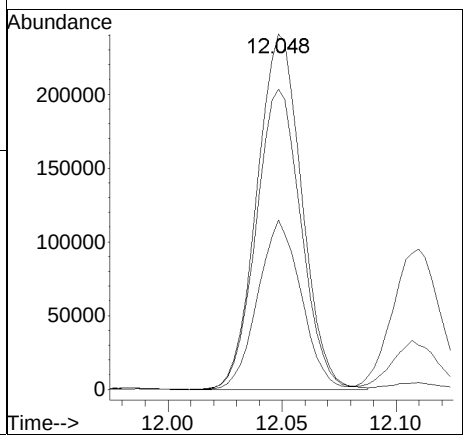


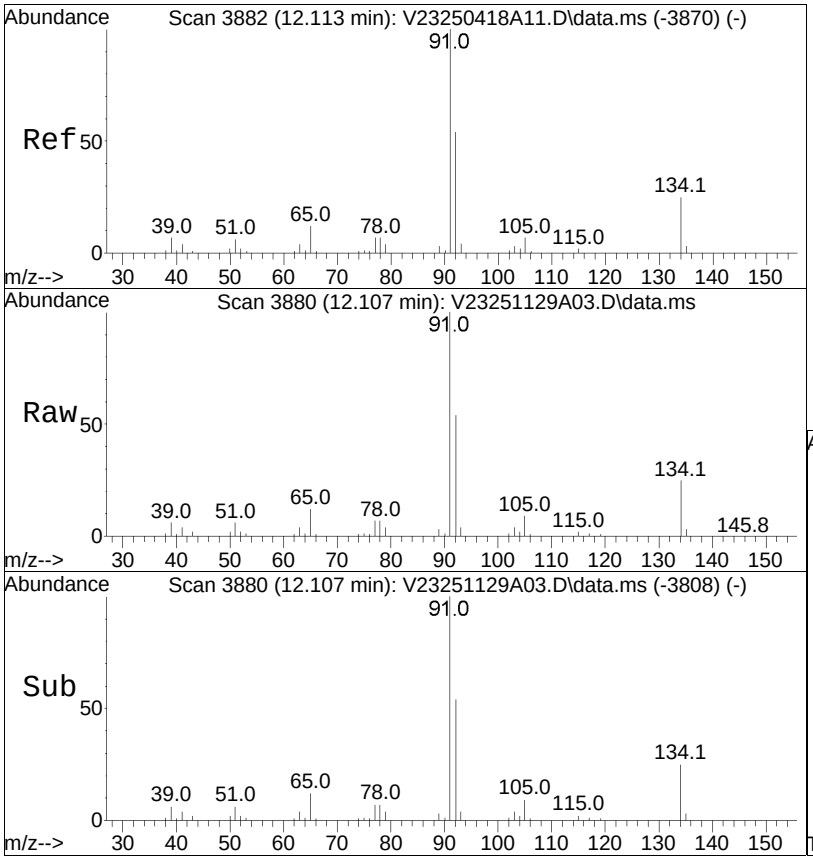


#102
p-Diethylbenzene
Concen: 45.84 ug/L
RT: 12.048 min Scan# 3859
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:119 Resp: 328226

Ion	Ratio	Lower	Upper
119	100		
105	84.9	55.1	114.5
134	46.2	30.0	62.2

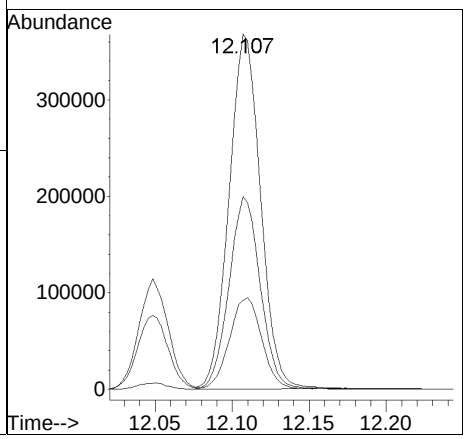


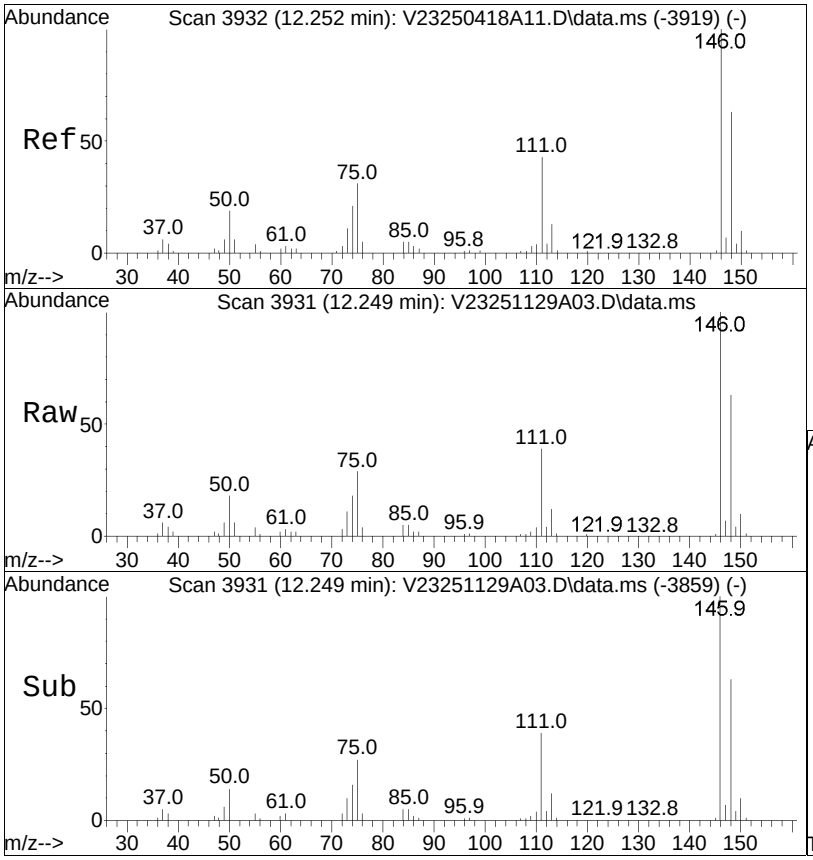


#103
n-Butylbenzene
Concen: 48.10 ug/L
RT: 12.107 min Scan# 3880
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 91 Resp: 521812

Ion	Ratio	Lower	Upper
91	100		
92	54.2	44.2	66.4
134	26.7	21.2	31.8

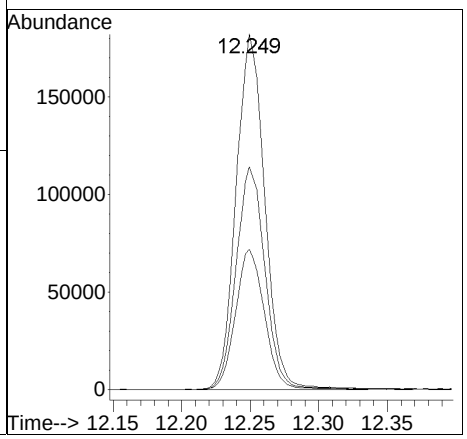


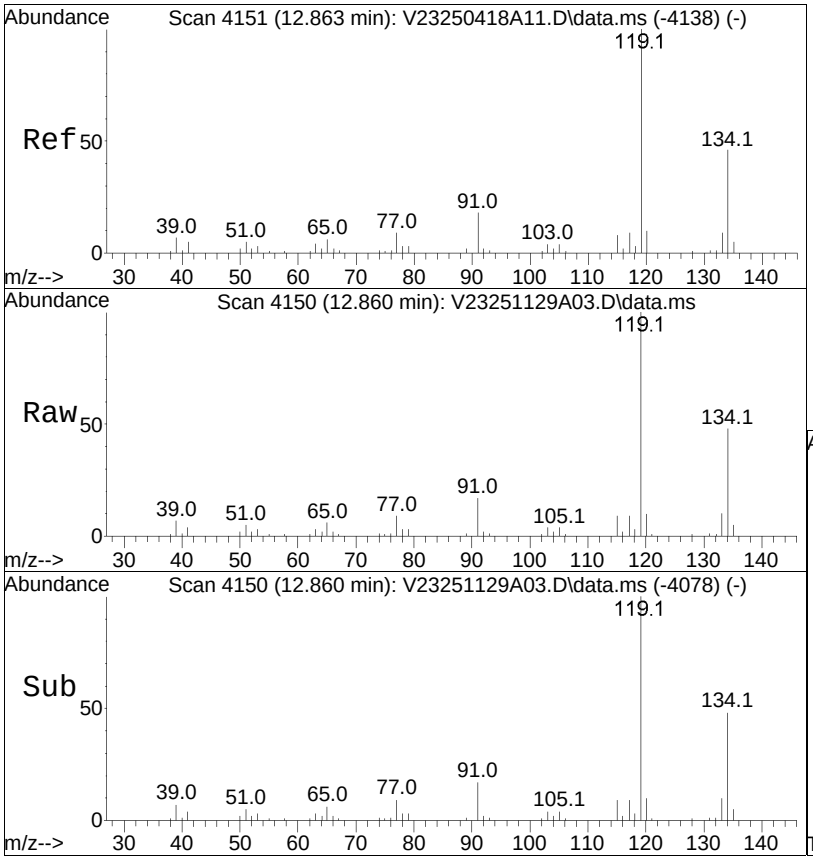


#104
1,2-Dichlorobenzene
Concen: 43.80 ug/L
RT: 12.249 min Scan# 3931
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:146 Resp: 265461

Ion	Ratio	Lower	Upper
146	100		
111	39.5	26.8	55.8
148	62.8	41.3	85.7

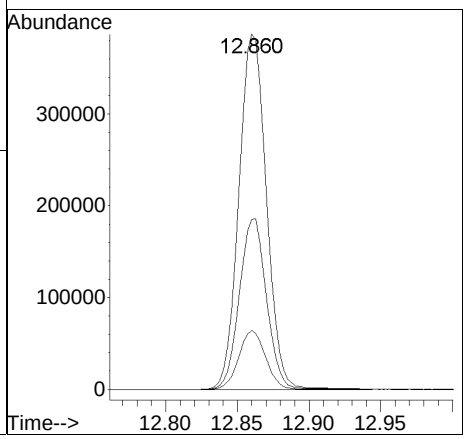


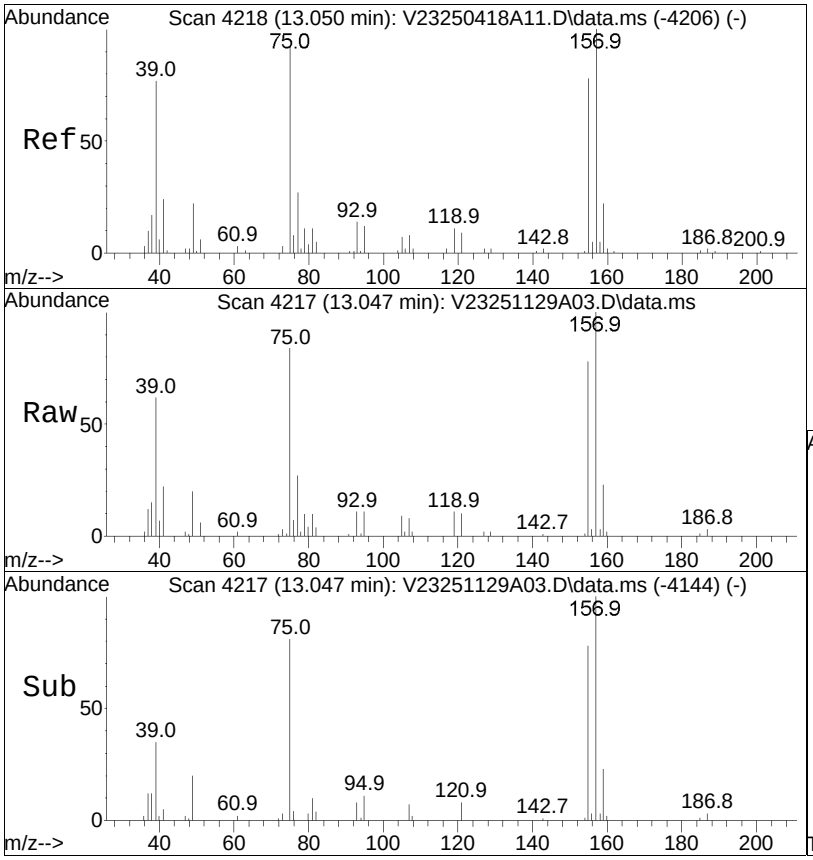


#105
1,2,4,5-Tetramethylbenzene
Concen: 44.38 ug/L
RT: 12.860 min Scan# 4150
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:119 Resp: 517401

Ion	Ratio	Lower	Upper
119	100		
134	47.4	31.3	64.9
91	16.2	10.3	21.3

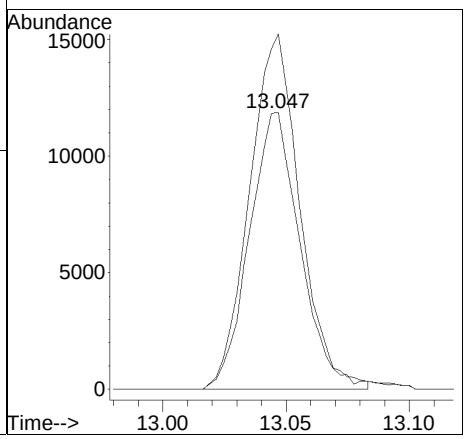


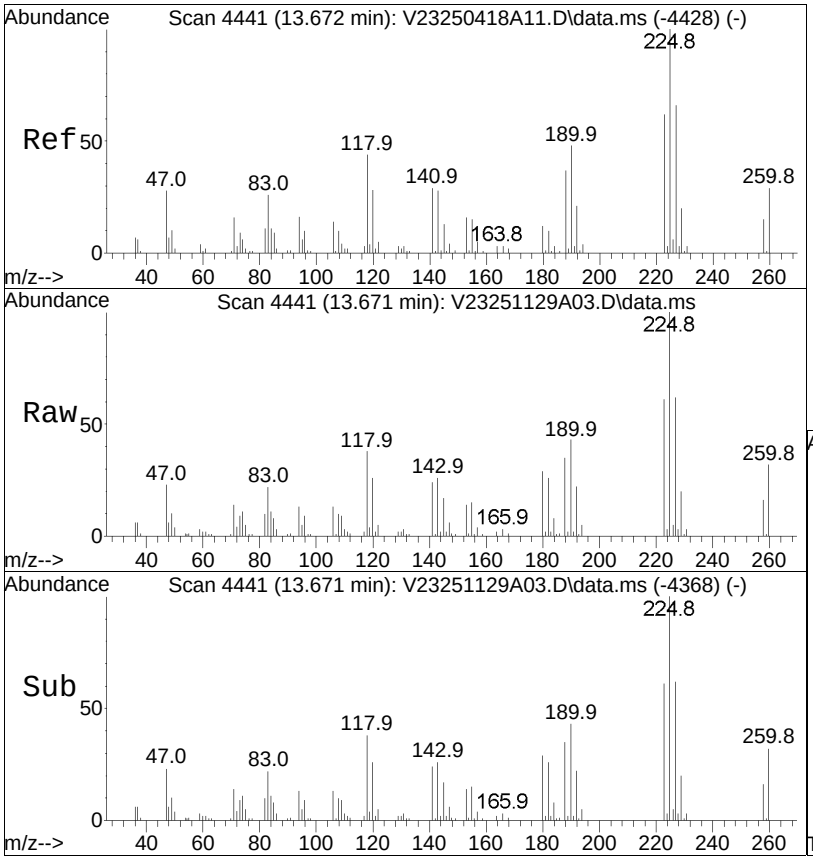


#106
1,2-Dibromo-3-chloropropane
Concen: 39.86 ug/L
RT: 13.047 min Scan# 4217
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:155 Resp: 17025

Ion	Ratio	Lower	Upper
155	100		
157	128.7	101.5	152.3

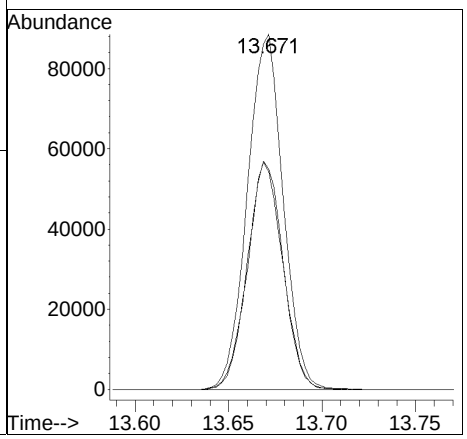


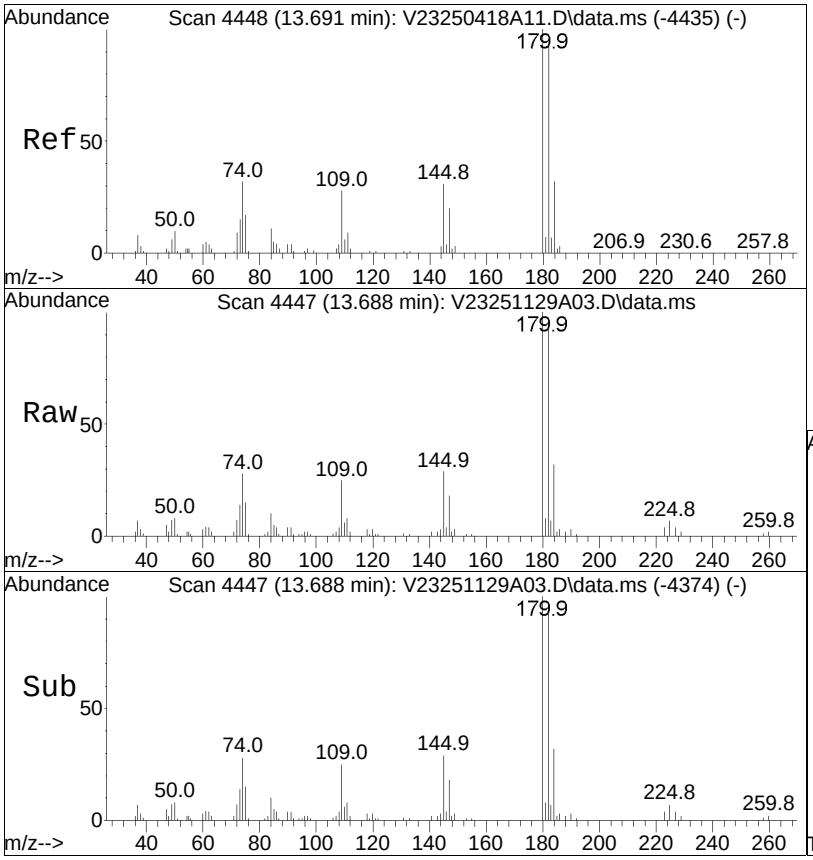


#108
Hexachlorobutadiene
Concen: 47.70 ug/L
RT: 13.671 min Scan# 4441
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:225 Resp: 118266

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.9	74.9
227	63.9	50.7	76.1

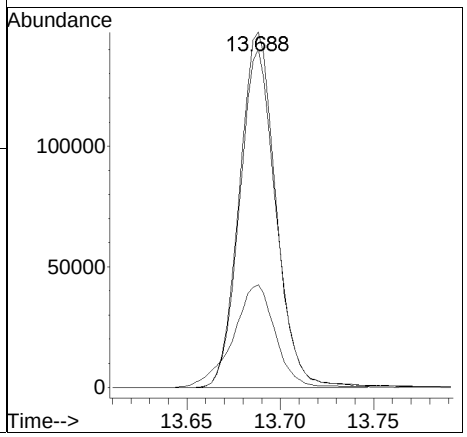


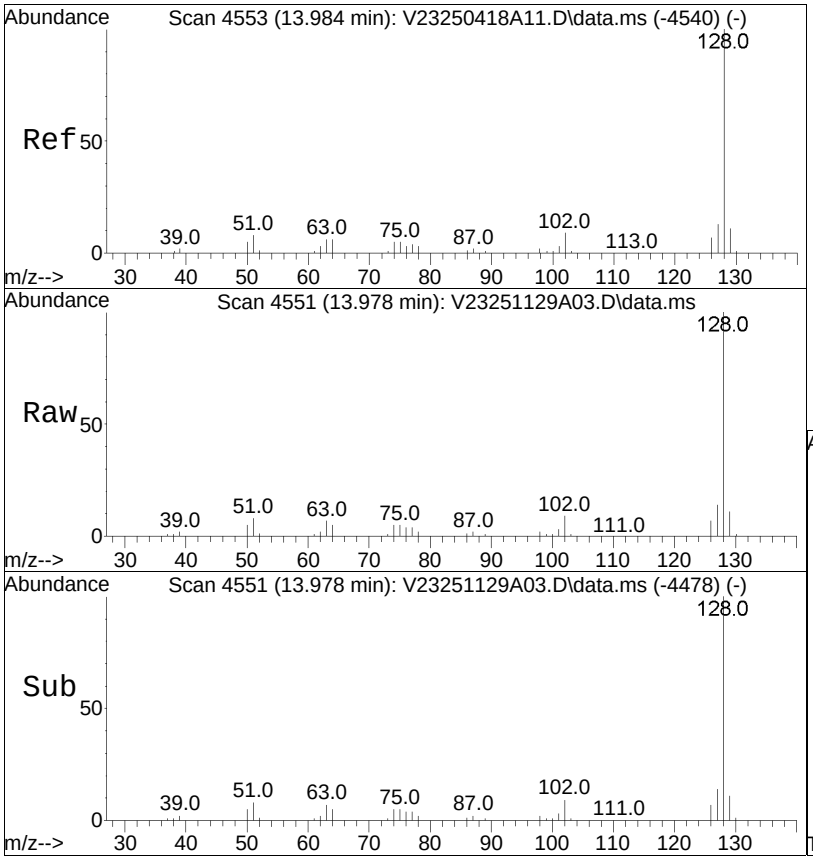


#109
1,2,4-Trichlorobenzene
Concen: 45.88 ug/L
RT: 13.688 min Scan# 4447
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:180 Resp: 200388

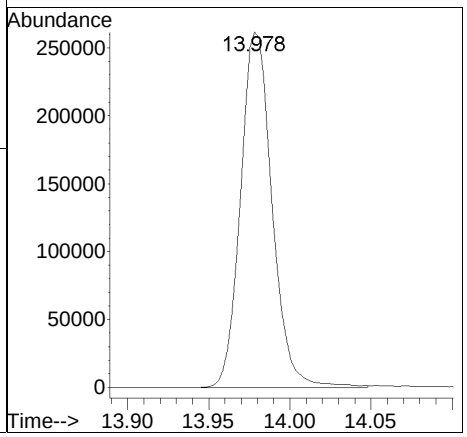
Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.4
145	33.5	27.4	41.2

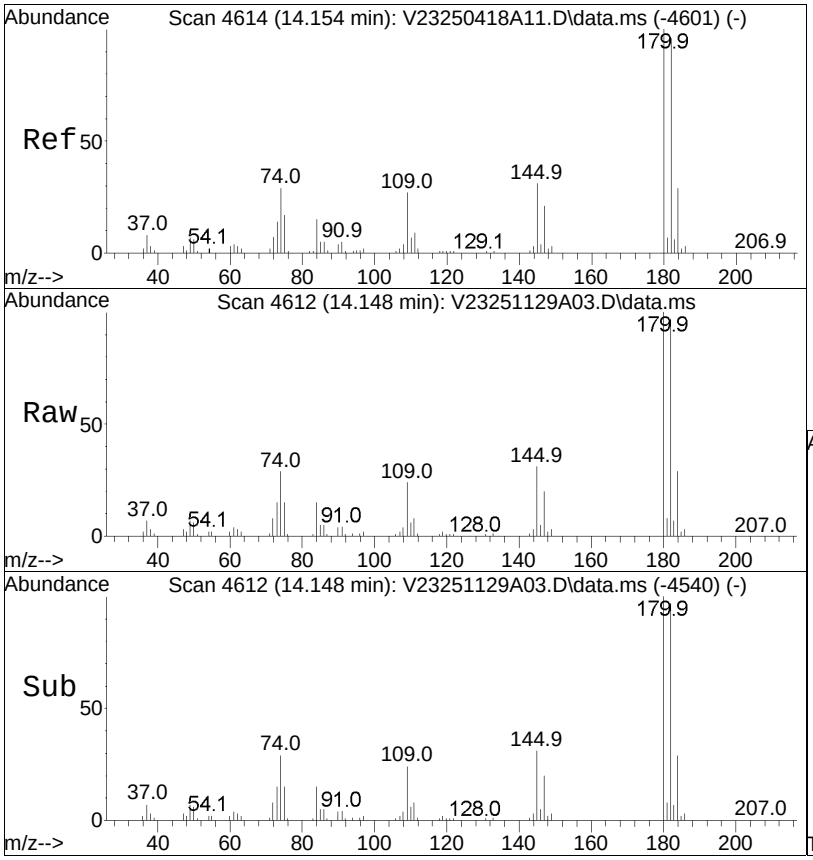




#110
Naphthalene
Concen: 42.32 ug/L
RT: 13.978 min Scan# 4551
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:128 Resp: 354297

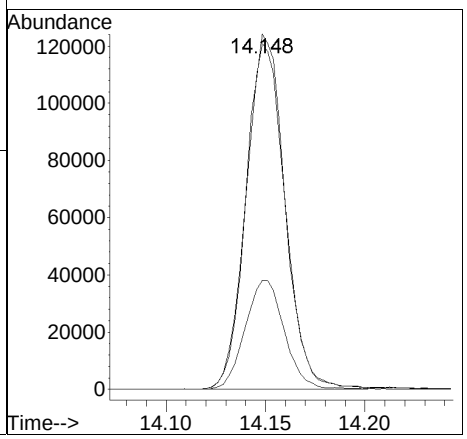




#111
1,2,3-Trichlorobenzene
Concen: 45.33 ug/L
RT: 14.148 min Scan# 4612
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:180 Resp: 169549

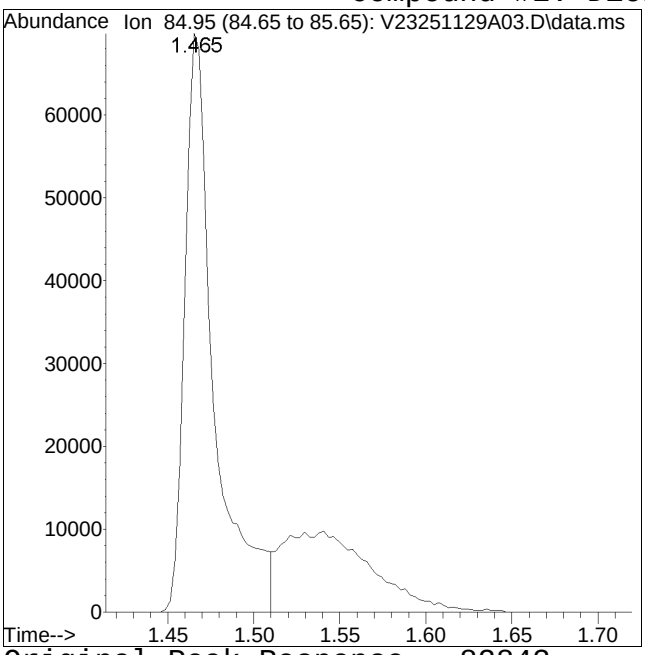
Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.4	113.0
145	30.7	25.2	37.8



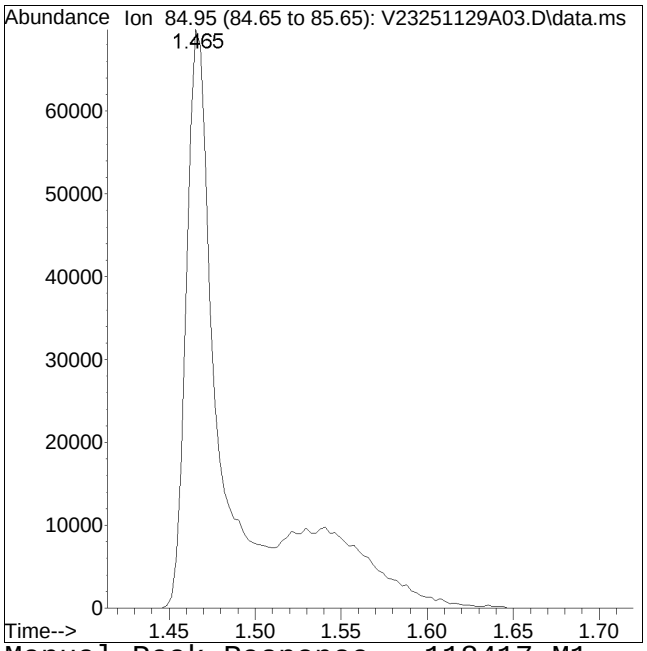
Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A03.D Operator : VOA123:MNF
Date Inj'd : 11/29/2025 10:43 am Instrument : VOA123
Sample : WG2148016-4,31h,15,15,0.1 Quant Date : 11/29/2025 11:56 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 82843



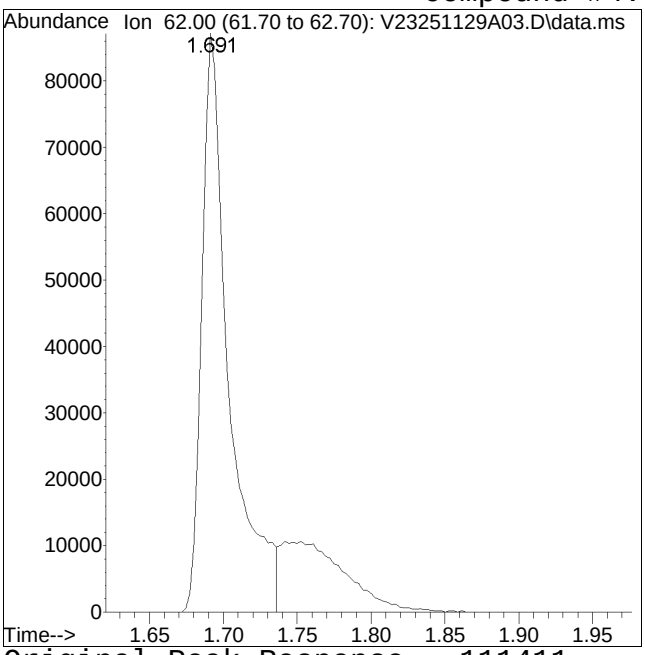
Manual Peak Response = 118417 M1

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

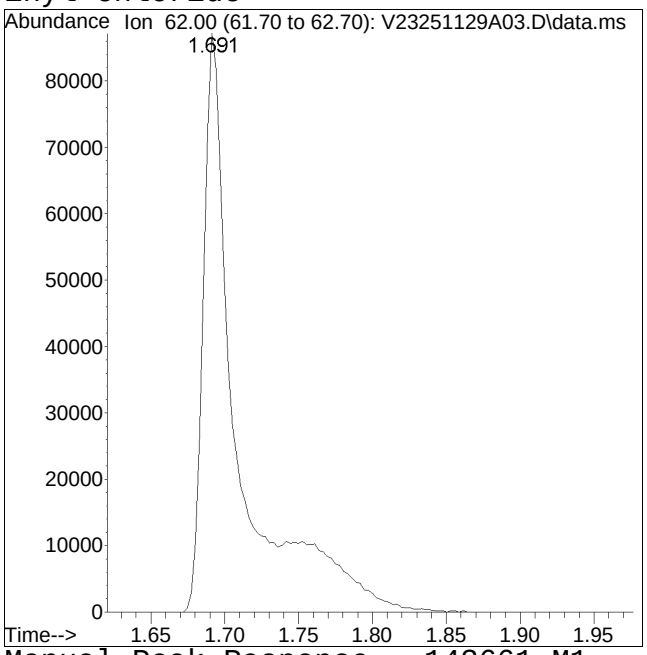
Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A03.D Operator : VOA123:MNF
Date Inj'd : 11/29/2025 10:43 am Instrument : VOA123
Sample : WG2148016-4,31h,15,15,0.1 Quant Date : 11/29/2025 11:56 am

Compound #4: Vinyl chloride



Original Peak Response = 111411



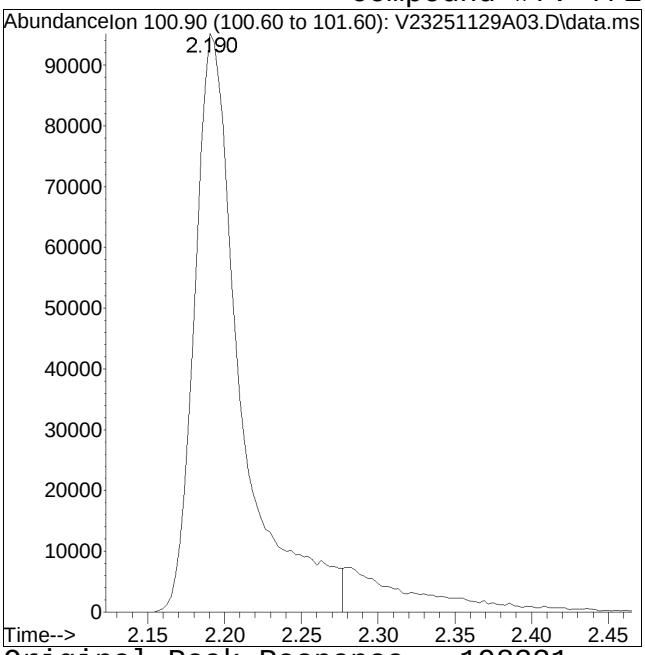
Manual Peak Response = 143661 M1

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

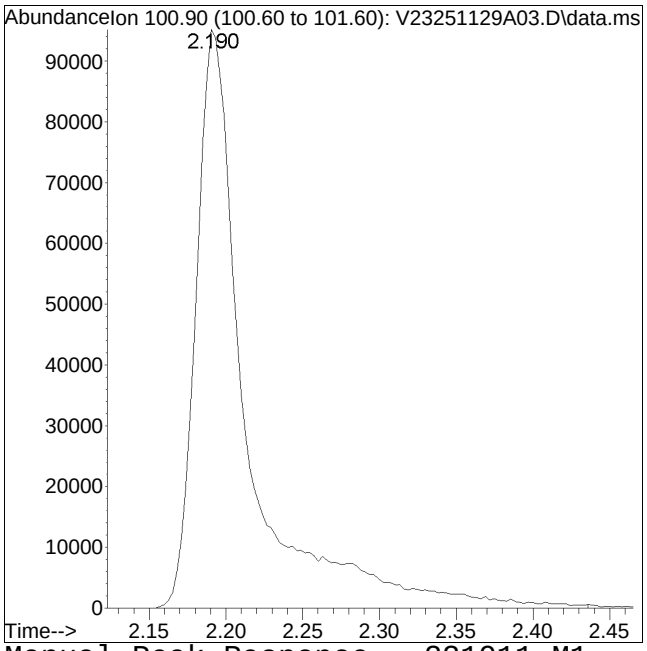
Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A03.D Operator : VOA123:MNF
Date Inj'd : 11/29/2025 10:43 am Instrument : VOA123
Sample : WG2148016-4,31h,15,15,0.1 Quant Date : 11/29/2025 11:56 am

Compound #7: Trichlorofluoromethane



Original Peak Response = 198331



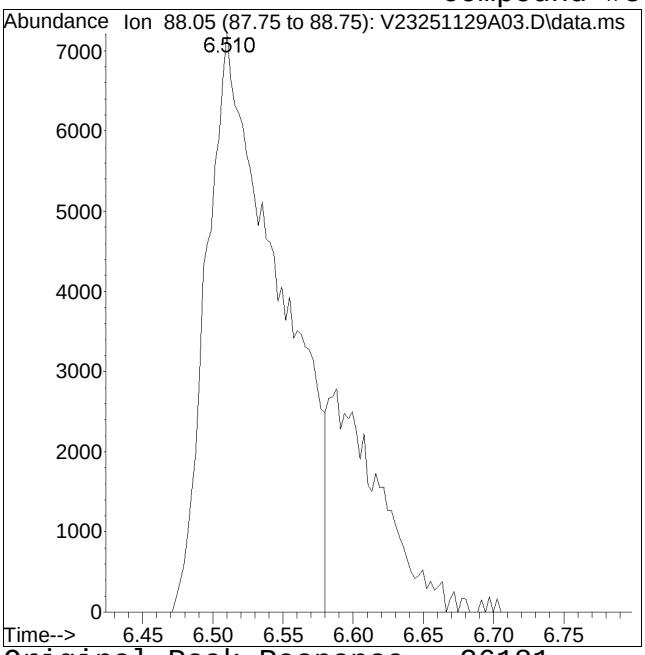
Manual Peak Response = 221911 M1

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

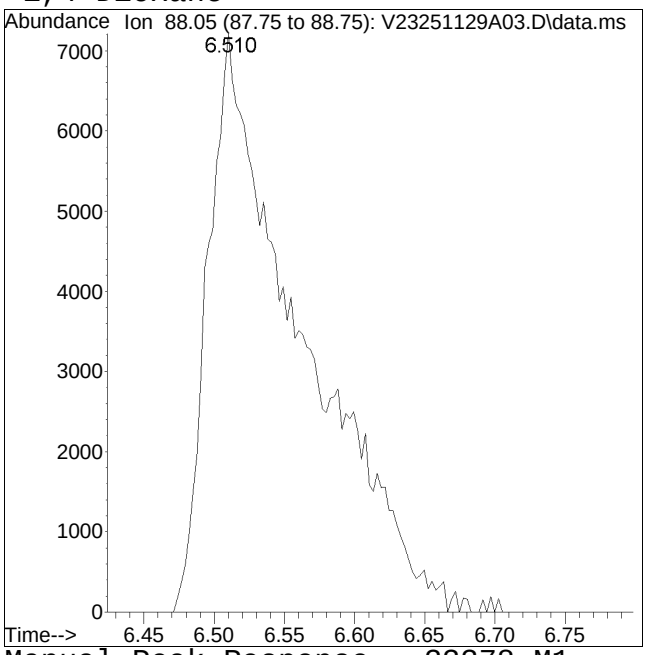
Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A03.D Operator : VOA123:MNF
Date Inj'd : 11/29/2025 10:43 am Instrument : VOA123
Sample : WG2148016-4,31h,15,15,0.1 Quant Date : 11/29/2025 11:56 am

Compound #57: 1,4-Dioxane



Original Peak Response = 26181



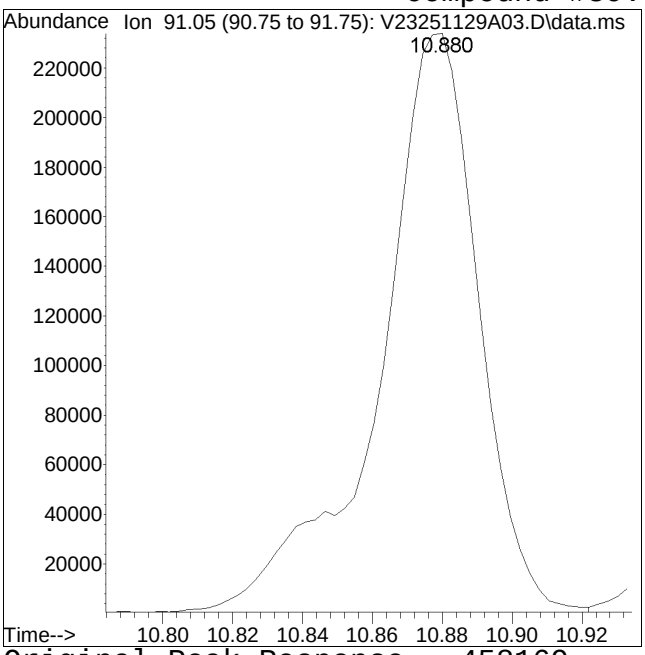
Manual Peak Response = 33378 M1

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

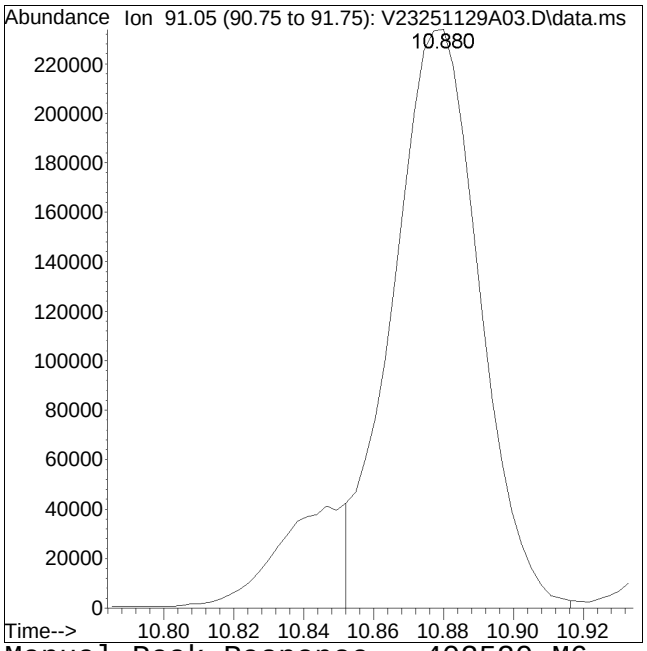
Manual Integration Report

Data Path : K:\VOA123\2025\251129A\ QMethod : V123_251103N_8260.m
Data File : V23251129A03.D Operator : VOA123:MNF
Date Inj'd : 11/29/2025 10:43 am Instrument : VOA123
Sample : WG2148016-4,31h,15,15,0.1 Quant Date : 11/29/2025 11:56 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 458169



Manual Peak Response = 402520 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A02.D
Acq On : 30 Nov 2025 05:05 pm
Operator : VOA123:RAW
Sample : WG2147799-4,31h,15,15,0.1
Misc : WG2147799,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 30 17:38:58 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.520	96	209488	20.000	ug/L	0.00
Standard Area 1 = 217255			Recovery = 96.42%			
59) Chlorobenzene-d5	8.989	117	154971	20.000	ug/L	0.00
Standard Area 1 = 158239			Recovery = 97.93%			
79) 1,4-Dichlorobenzene-d4	11.800	152	85831	20.000	ug/L	0.00
Standard Area 1 = 88479			Recovery = 97.01%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.731	113	52399	19.857	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.28%			
43) 1,2-Dichloroethane-d4	5.239	65	50333	18.635	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.18%			
60) Toluene-d8	7.174	98	199467	19.033	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.17%			
83) 4-Bromofluorobenzene	10.537	95	73332	19.110	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.55%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	110107M1	47.719	ug/L	
3) Chloromethane	1.664	50	113439	45.201	ug/L	98
4) Vinyl chloride	1.691	62	133554M1	49.027	ug/L	
5) Bromomethane	1.962	94	107351	61.611	ug/L	100
6) Chloroethane	2.071	64	94646	50.131	ug/L	96
7) Trichlorofluoromethane	2.191	101	197275	47.877	ug/L	96
8) Ethyl ether	2.450	74	59169	42.944	ug/L	89
10) 1,1-Dichloroethene	2.628	96	97367	44.664	ug/L	91
11) Carbon disulfide	2.656	76	337268	41.995	ug/L	97
15) Methylene chloride	3.133	84	116296	41.095	ug/L	91
17) Acetone	3.169	43	33100	49.689	ug/L	94
18) trans-1,2-Dichloroethene	3.275	96	112537	44.158	ug/L	96
20) Methyl tert-butyl ether	3.365	73	303421	41.751	ug/L	95
23) 1,1-Dichloroethane	3.819	63	206294	44.019	ug/L	99
25) Acrylonitrile	3.864	53	23736	42.022	ug/L #	88
27) Vinyl acetate	4.042	43	221841	40.931	ug/L	95
28) cis-1,2-Dichloroethene	4.313	96	123923	42.428	ug/L	95
29) 2,2-Dichloropropane	4.408	77	175199	45.422	ug/L	91
30) Bromochloromethane	4.497	128	56414	43.249	ug/L	96
32) Chloroform	4.564	83	210449	36.715	ug/L	97

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A02.D
Acq On : 30 Nov 2025 05:05 pm
Operator : VOA123:RAW
Sample : WG2147799-4,31h,15,15,0.1
Misc : WG2147799,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 30 17:38:58 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	4.695	117	164262	44.234	ug/L		100
37) 1,1,1-Trichloroethane	4.756	97	183696	46.354	ug/L		97
39) 2-Butanone	4.851	43	28629	35.984	ug/L	#	78
40) 1,1-Dichloropropene	4.876	75	150315	48.719	ug/L		99
41) Benzene	5.110	78	435571	44.602	ug/L		97
44) 1,2-Dichloroethane	5.306	62	150997	42.388	ug/L		99
48) Trichloroethene	5.693	95	122221	45.594	ug/L		99
50) Dibromomethane	6.114	93	66507	41.756	ug/L		98
51) 1,2-Dichloropropane	6.217	63	114689	42.663	ug/L		99
54) Bromodichloromethane	6.293	83	161577	42.808	ug/L		99
57) 1,4-Dioxane	6.510	88	39159	2511.971	ug/L		97
58) cis-1,3-Dichloropropene	6.970	75	181511	43.711	ug/L		92
61) Toluene	7.233	92	283131	42.977	ug/L		100
62) 4-Methyl-2-pentanone	7.662	58	29213	41.649	ug/L		90
63) Tetrachloroethene	7.673	166	134064	47.308	ug/L		98
65) trans-1,3-Dichloropropene	7.709	75	154105	41.529	ug/L		100
68) 1,1,2-Trichloroethane	7.888	83	77719	41.075	ug/L		100
69) Chlorodibromomethane	8.094	129	117794	43.336	ug/L		98
70) 1,3-Dichloropropane	8.209	76	155514	41.628	ug/L		100
71) 1,2-Dibromoethane	8.359	107	91948	43.779	ug/L		99
72) 2-Hexanone	8.666	43	43007	34.159	ug/L		94
73) Chlorobenzene	9.012	112	324688	43.127	ug/L	#	86
74) Ethylbenzene	9.054	91	553636	42.453	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.095	131	120014	43.627	ug/L		99
76) p/m Xylene	9.240	106	434206	89.050	ug/L		100
77) o Xylene	9.781	106	422317	85.819	ug/L		98
78) Styrene	9.854	104	707885	85.370	ug/L		99
80) Bromoform	9.868	173	76243	40.923	ug/L		99
82) Isopropylbenzene	10.197	105	567200	44.084	ug/L		99
84) Bromobenzene	10.649	156	145445	41.934	ug/L		100
85) n-Propylbenzene	10.707	91	669864	43.735	ug/L		99
87) 1,1,2,2-Tetrachloroethane	10.799	83	114617	40.481	ug/L		100
88) 4-Ethyltoluene	10.841	105	565561	44.372	ug/L		99
89) 2-Chlorotoluene	10.877	91	401741M6	42.006	ug/L		
90) 1,3,5-Trimethylbenzene	10.947	105	486891	43.063	ug/L		99
91) 1,2,3-Trichloropropane	10.942	75	87614	39.142	ug/L		97
92) trans-1,4-Dichloro-2-b...	11.003	53	31796M4	40.196	ug/L		
93) 4-Chlorotoluene	11.070	91	406779	41.851	ug/L		98
94) tert-Butylbenzene	11.301	119	414917	43.829	ug/L		99

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A02.D
Acq On : 30 Nov 2025 05:05 pm
Operator : VOA123:RAW
Sample : WG2147799-4,31h,15,15,0.1
Misc : WG2147799,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 30 17:38:58 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251130A\V23251130A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.385	105	480295	42.739	ug/L	100
98) sec-Butylbenzene	11.499	105	628135	44.354	ug/L	99
99) p-Isopropyltoluene	11.661	119	546365	44.546	ug/L	99
100) 1,3-Dichlorobenzene	11.720	146	285296	43.507	ug/L	99
101) 1,4-Dichlorobenzene	11.817	146	288259	42.906	ug/L	99
102) p-Diethylbenzene	12.046	119	330607	45.527	ug/L	99
103) n-Butylbenzene	12.107	91	517926	47.074	ug/L	98
104) 1,2-Dichlorobenzene	12.249	146	263950	42.942	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.860	119	522484	44.187	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.044	155	17113	39.504	ug/L	100
108) Hexachlorobutadiene	13.672	225	118481	47.116	ug/L	100
109) 1,2,4-Trichlorobenzene	13.686	180	201645	45.522	ug/L	100
110) Naphthalene	13.978	128	357504	42.112	ug/L	100
111) 1,2,3-Trichlorobenzene	14.148	180	168707	44.479	ug/L	98

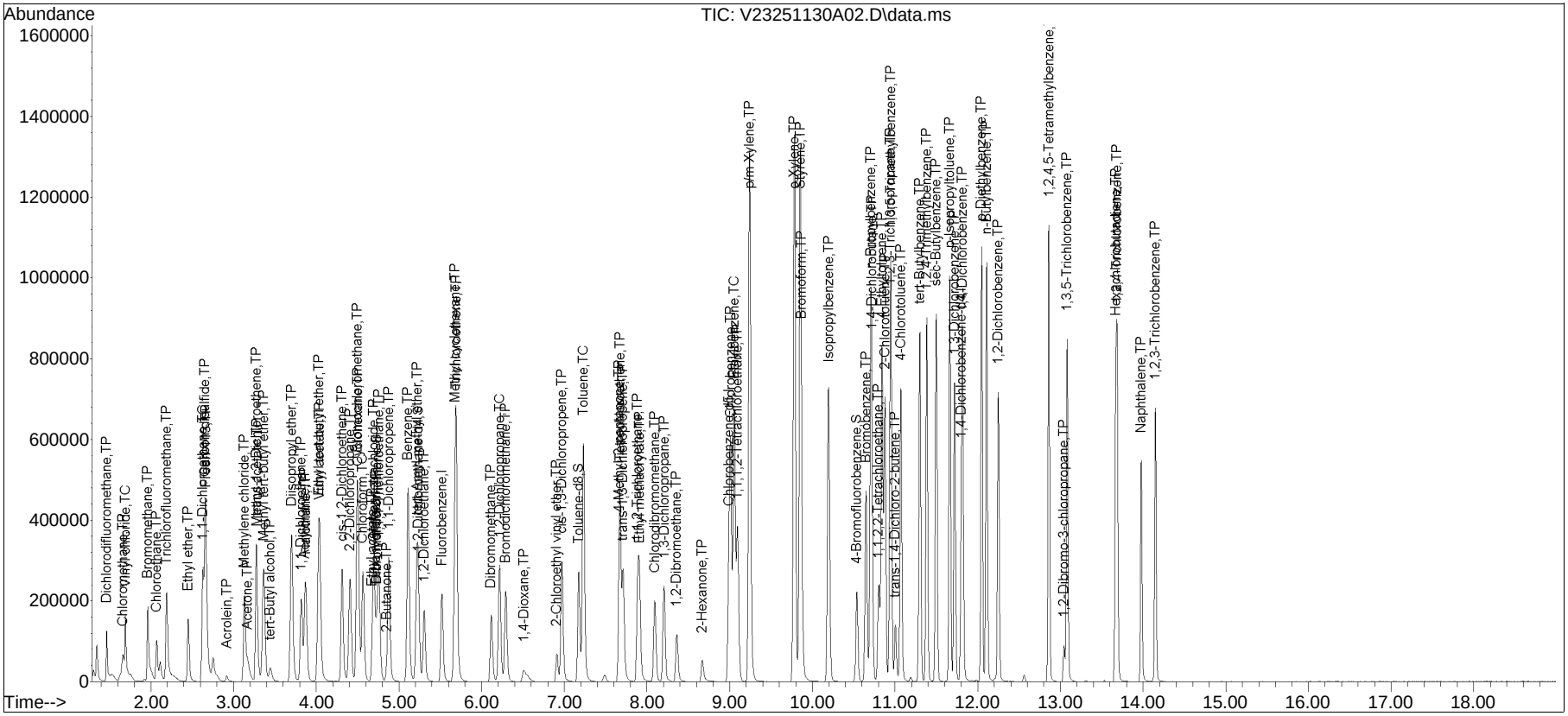
(#) = qualifier out of range (m) = manual integration (+) = signals summed

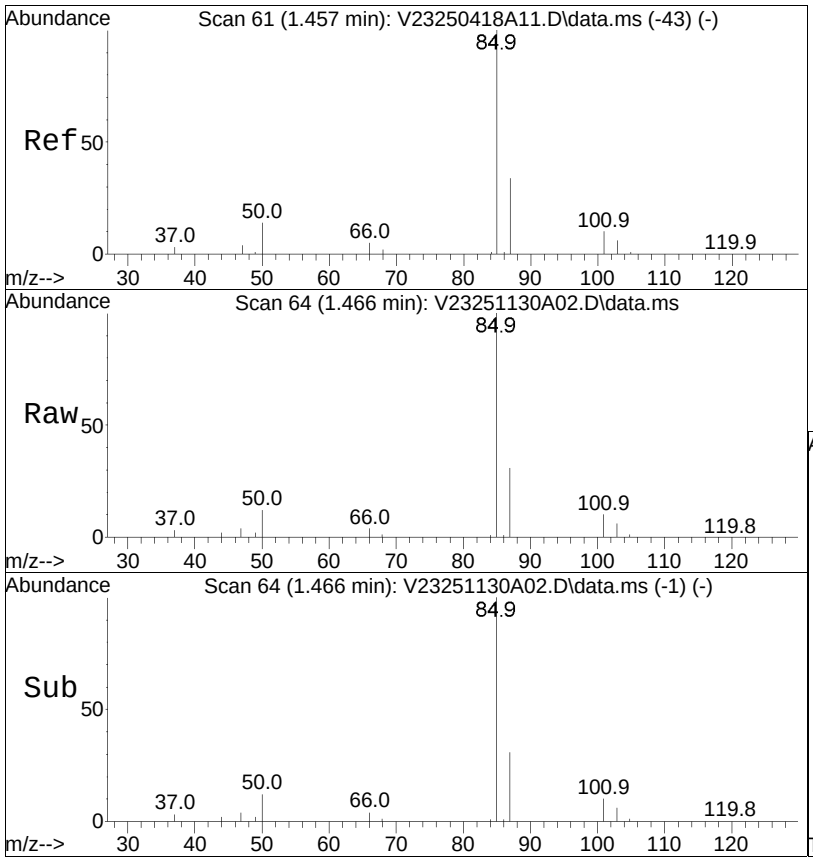
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251130A\
Data File : V23251130A02.D
Acq On : 30 Nov 2025 05:05 pm
Operator : VOA123:RAW
Sample : WG2147799-4,31h,15,15,0.1
Misc : WG2147799,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 30 17:38:58 2025
Quant Method : K:\VOA123\2025\251130A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox30A01.D•

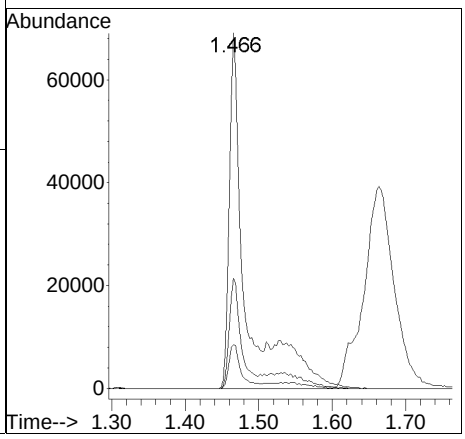


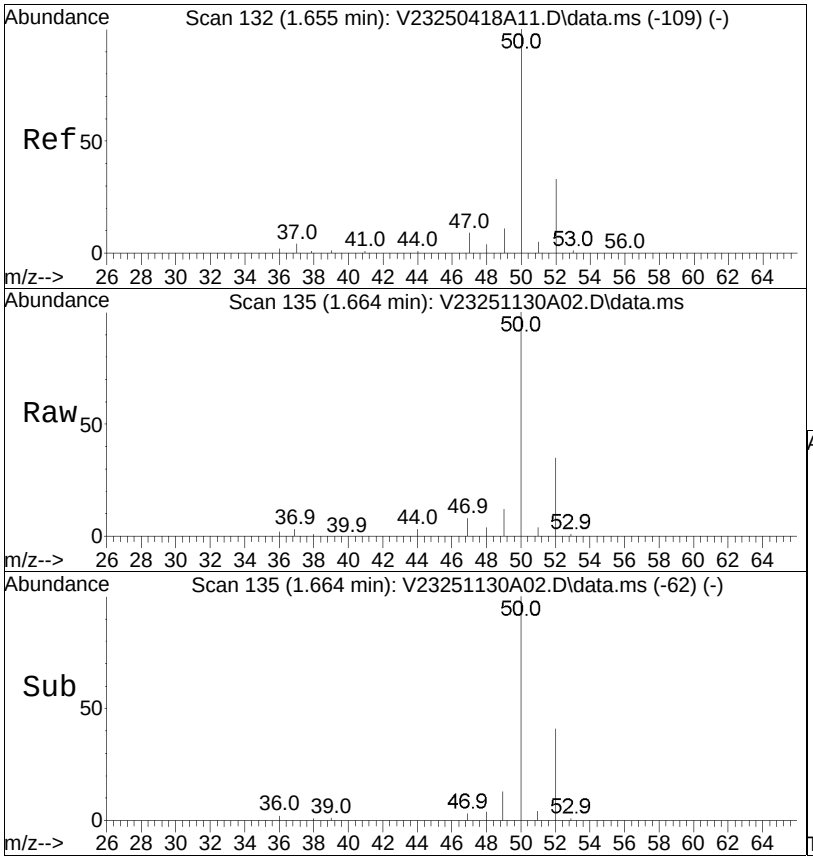


#2
Dichlorodifluoromethane
Concen: 47.72 ug/L M1
RT: 1.466 min Scan# 64
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 85 Resp: 110107

Ion	Ratio	Lower	Upper
85	100		
87	21.8	21.1	43.7
50	8.9	7.3	15.3

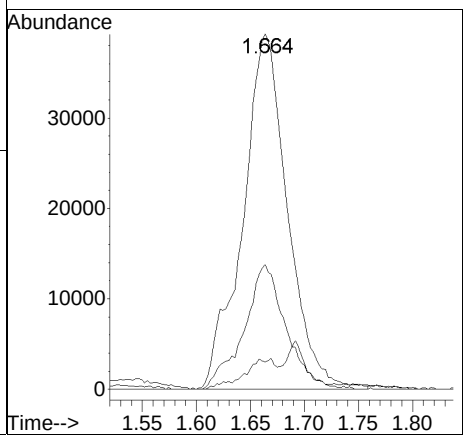


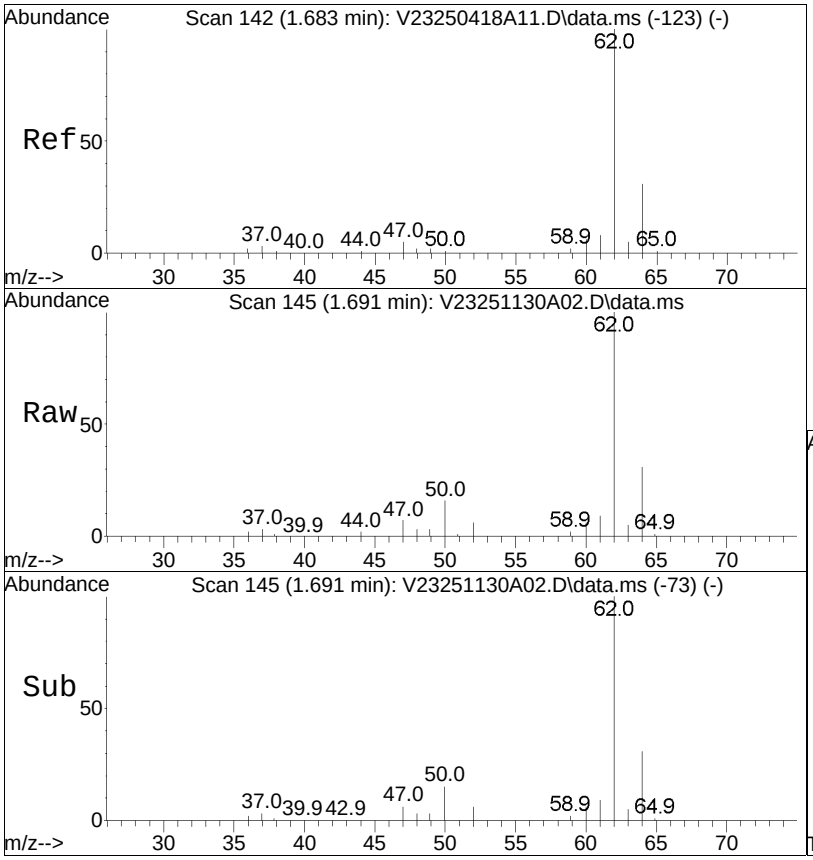


#3
Chloromethane
Concen: 45.20 ug/L
RT: 1.664 min Scan# 135
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 50 Resp: 113439

Ion	Ratio	Lower	Upper
50	100		
52	32.9	12.7	52.7
47	4.4	0.0	28.1

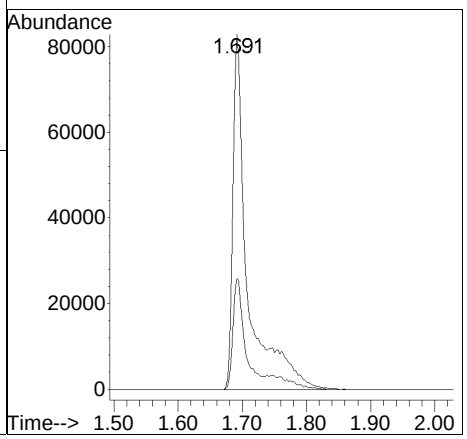


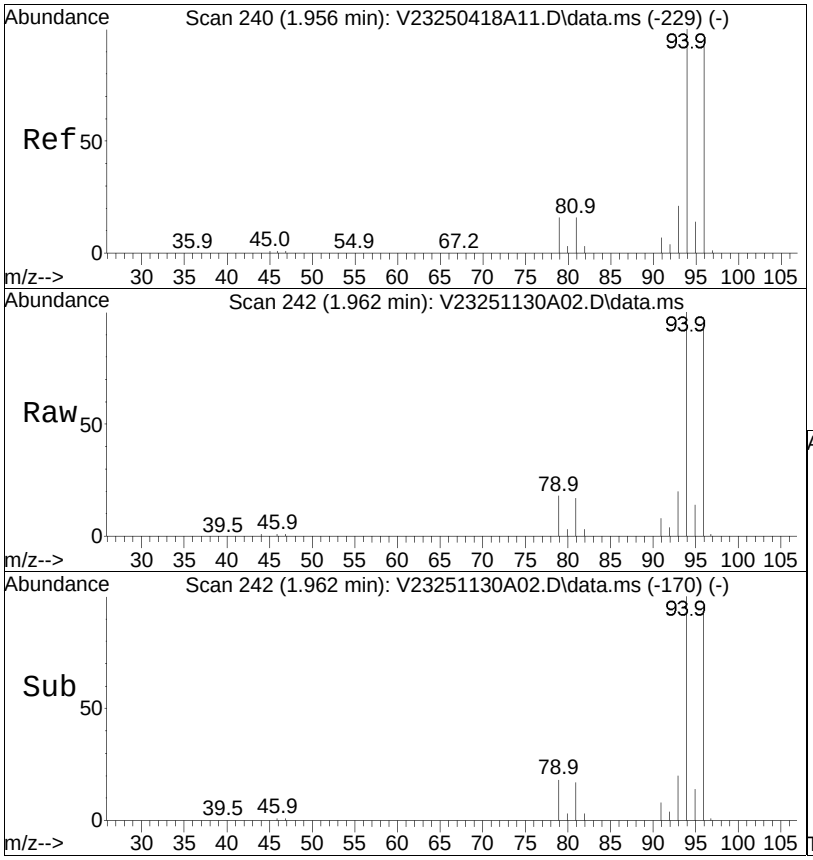


#4
Vinyl chloride
Concen: 49.03 ug/L M1
RT: 1.691 min Scan# 145
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 62 Resp: 133554

Ion	Ratio	Lower	Upper
62	100		
64	24.9	12.0	52.0

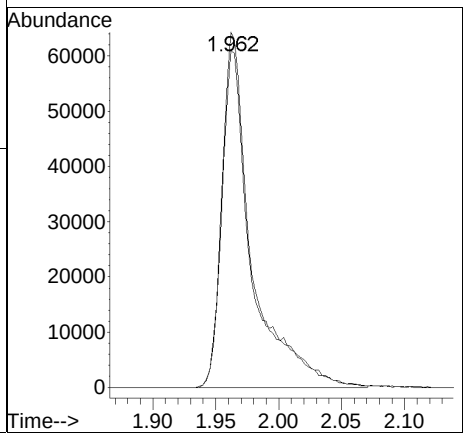


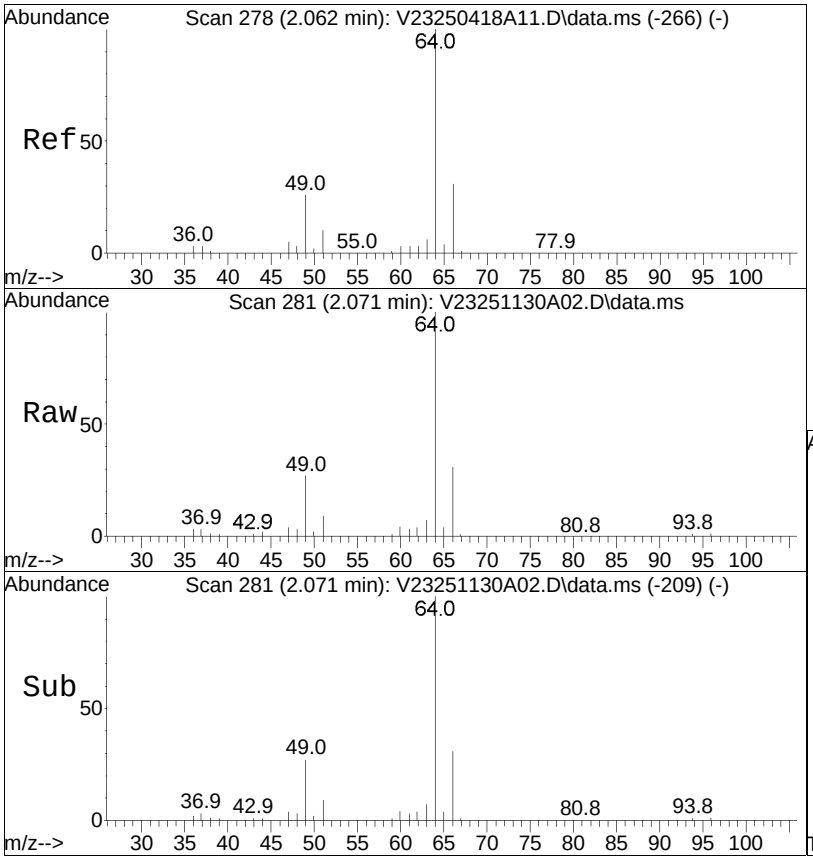


#5
Bromomethane
Concen: 61.61 ug/L
RT: 1.962 min Scan# 242
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 94 Resp: 107351

Ion	Ratio	Lower	Upper
94	100		
96	94.3	74.6	114.6

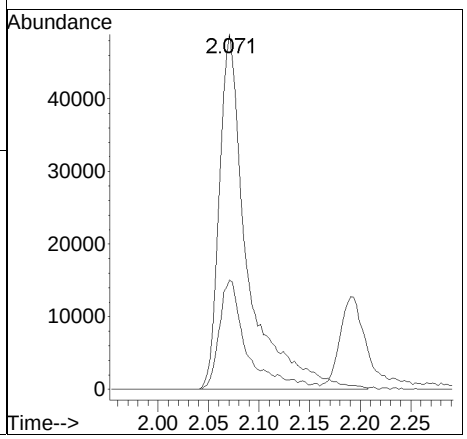


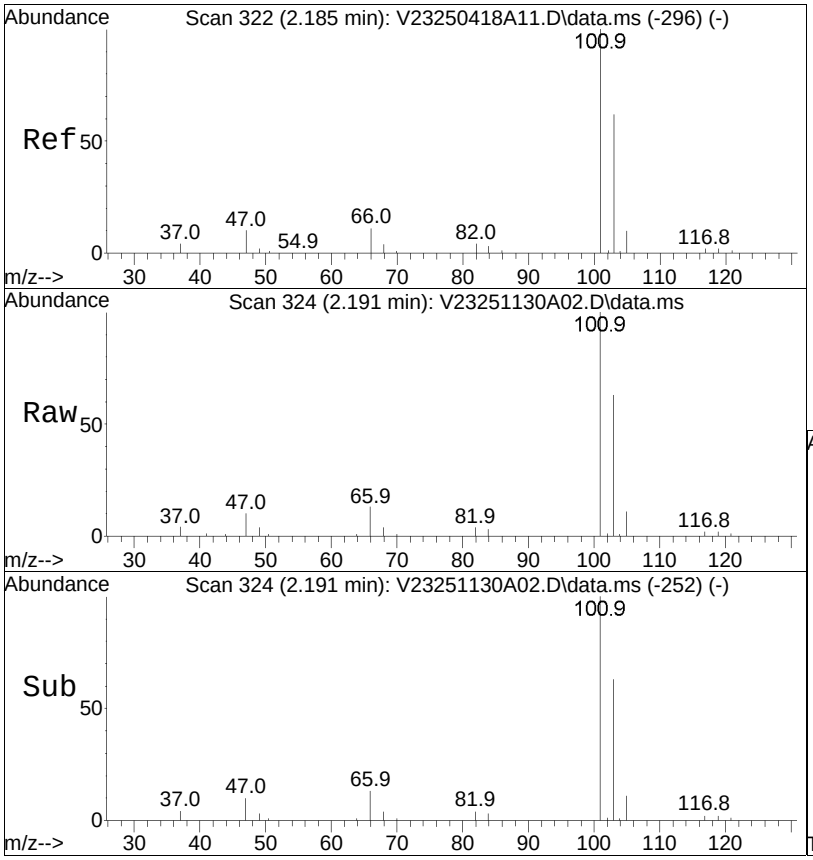


#6
Chloroethane
Concen: 50.13 ug/L
RT: 2.071 min Scan# 281
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 64 Resp: 94646

Ion	Ratio	Lower	Upper
64	100		
66	30.3	12.6	52.6

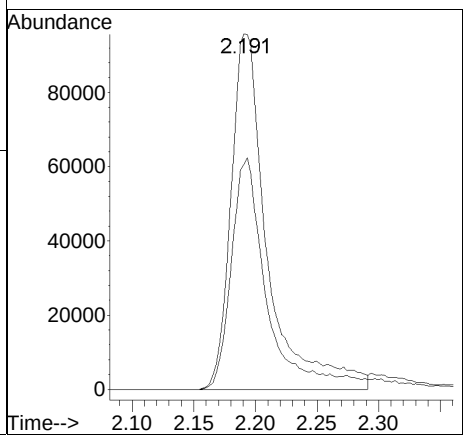


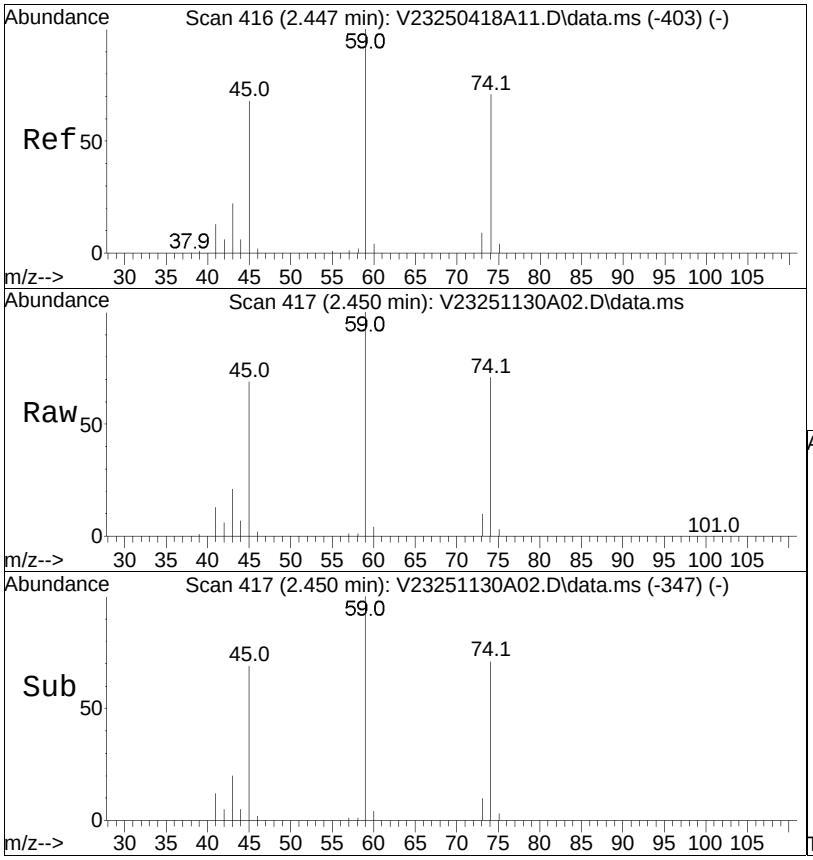


#7
Trichlorofluoromethane
Concen: 47.88 ug/L
RT: 2.191 min Scan# 324
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:101 Resp: 197275

Ion	Ratio	Lower	Upper
101	100		
103	61.3	51.4	77.2

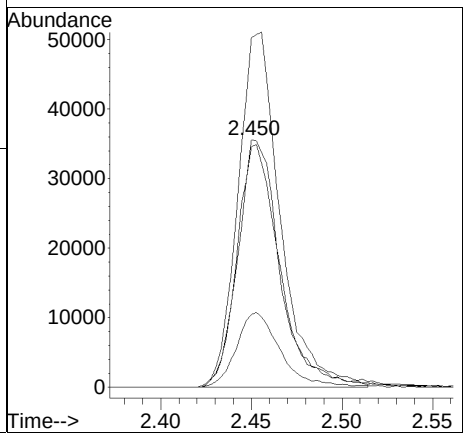


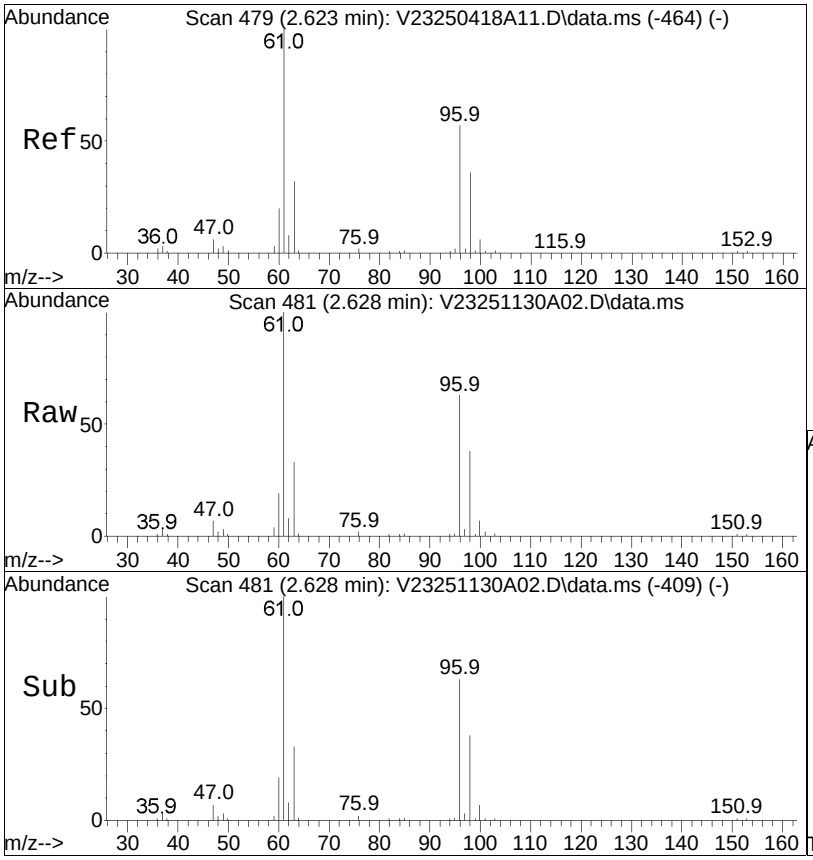


#8
Ethyl ether
Concen: 42.94 ug/L
RT: 2.450 min Scan# 417
Delta R.T. -0.006 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 74 Resp: 59169

Ion	Ratio	Lower	Upper
74	100		
59	142.3	84.3	175.1
45	95.5	55.4	115.2
43	30.6	15.9	32.9

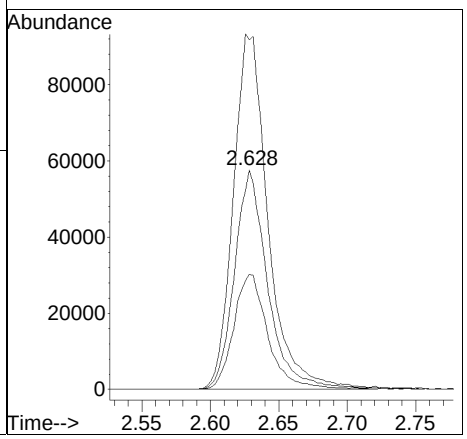


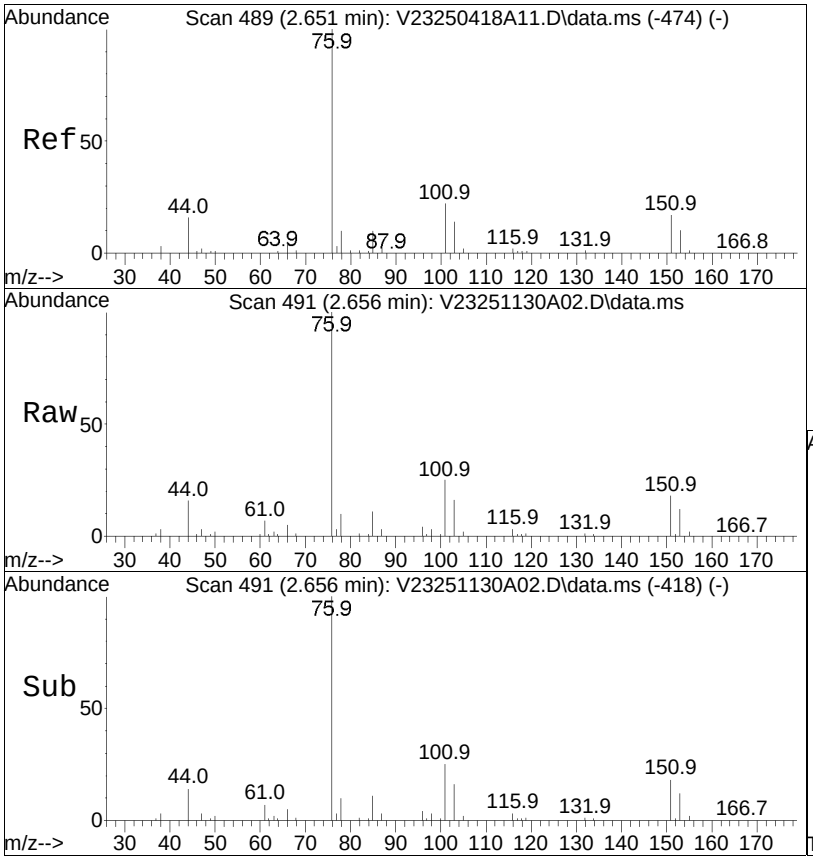


#10
1,1-Dichloroethene
Concen: 44.66 ug/L
RT: 2.628 min Scan# 481
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 96 Resp: 97367

Ion	Ratio	Lower	Upper
96	100		
61	169.1	124.5	186.7
63	54.0	40.7	61.1

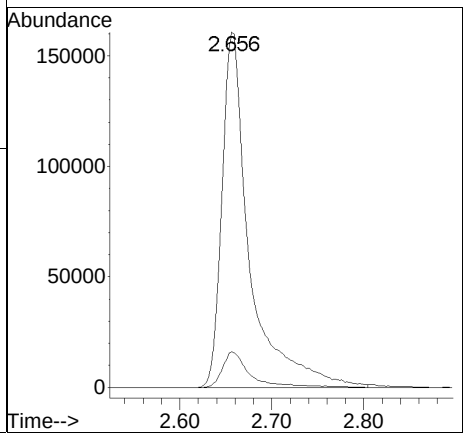


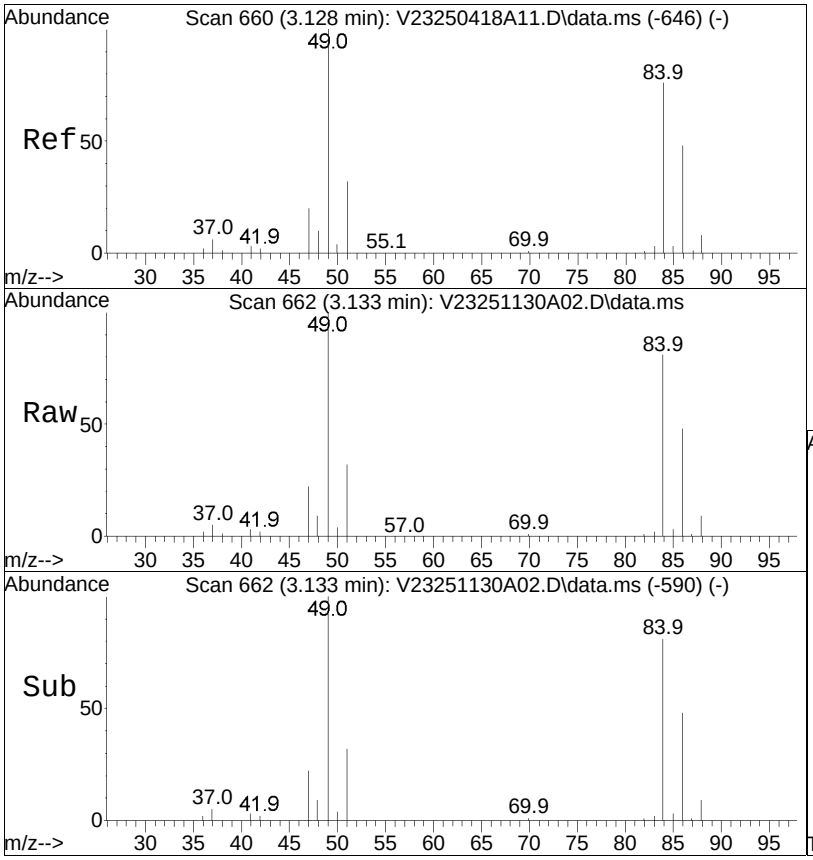


#11
Carbon disulfide
Concen: 41.99 ug/L
RT: 2.656 min Scan# 491
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 76 Resp: 337268

Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.7	13.9

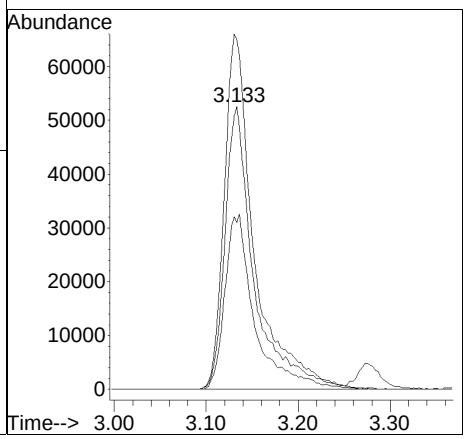


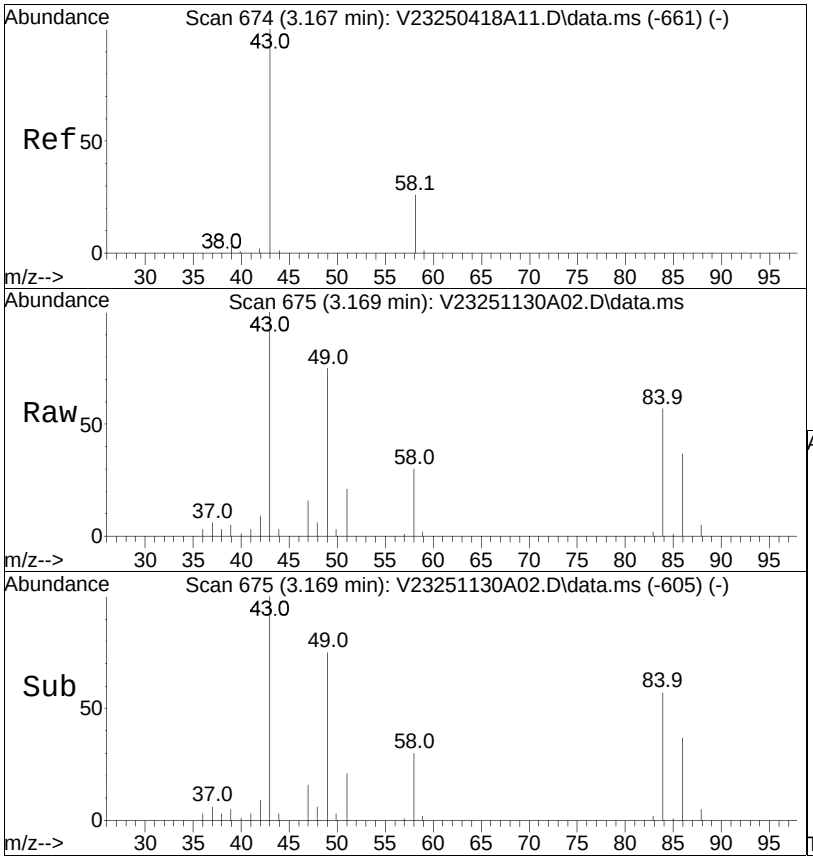


#15
Methylene chloride
Concen: 41.10 ug/L
RT: 3.133 min Scan# 662
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 84 Resp: 116296

Ion	Ratio	Lower	Upper
84	100		
86	63.6	42.0	87.2
49	128.5	74.0	153.6

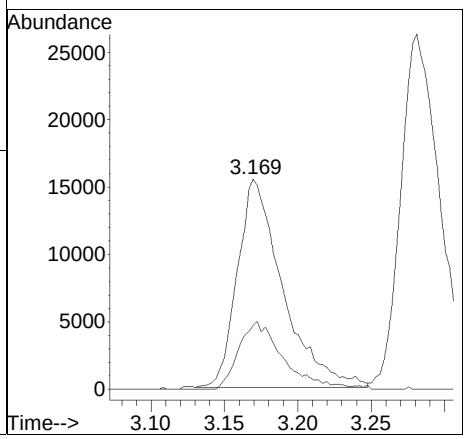


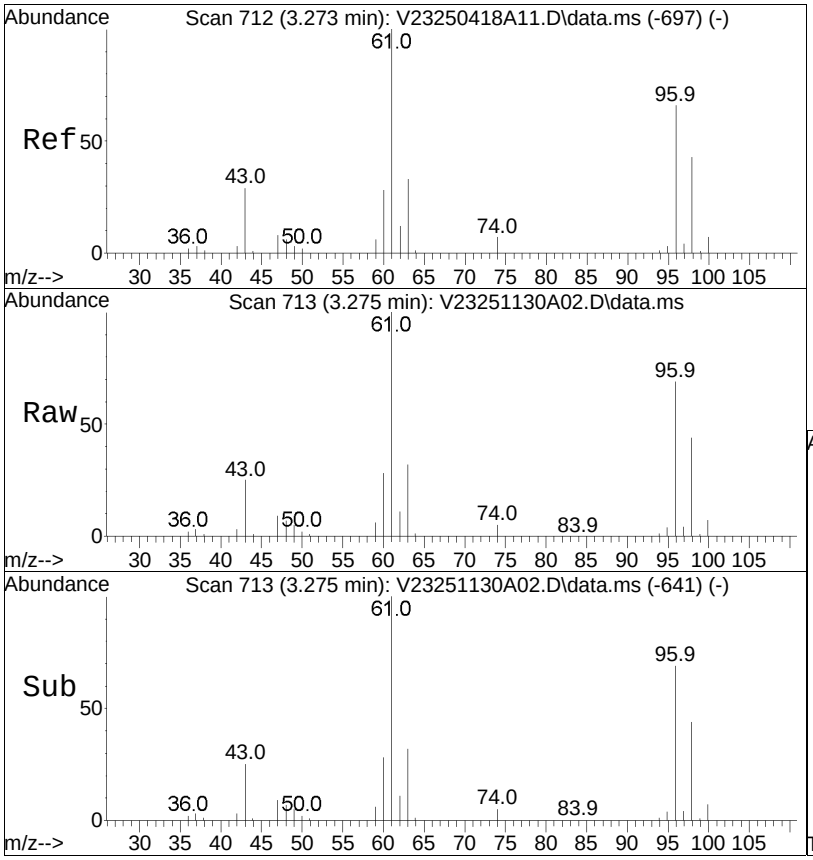


#17
Acetone
Concen: 49.69 ug/L
RT: 3.169 min Scan# 675
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 43 Resp: 33100

Ion	Ratio	Lower	Upper
43	100		
58	32.0	28.2	42.4

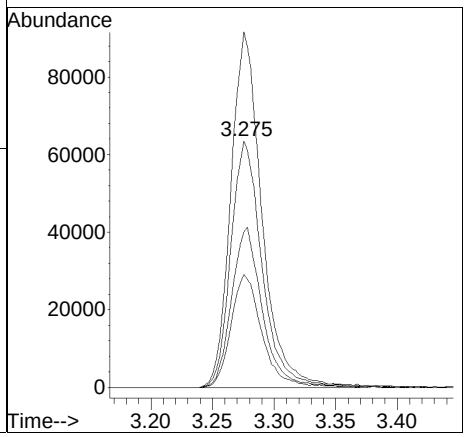


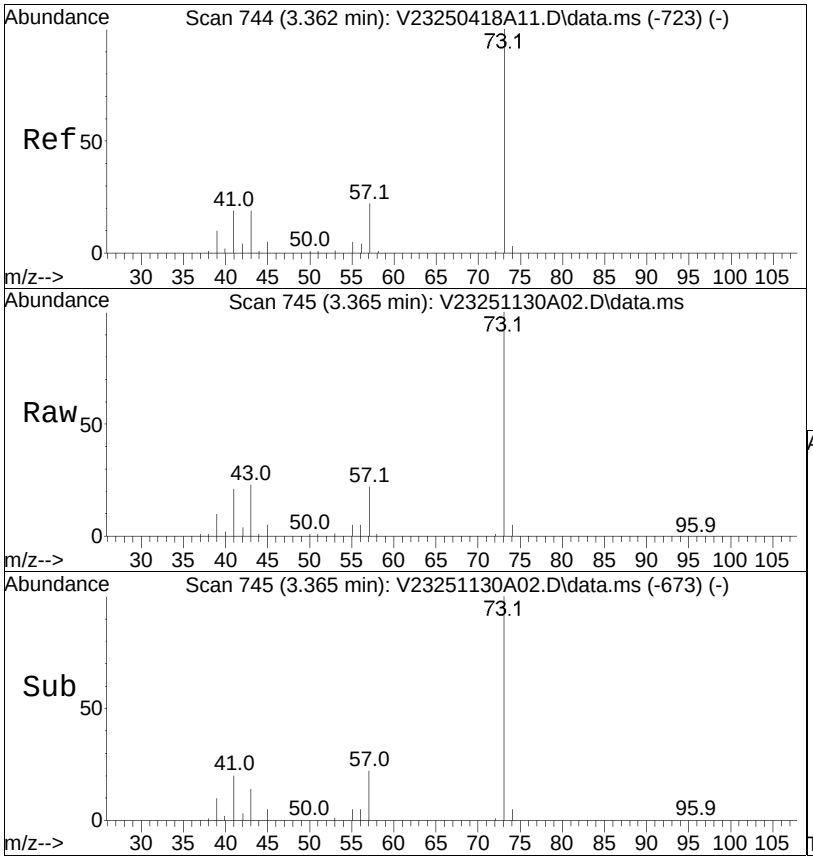


#18
trans-1,2-Dichloroethene
Concen: 44.16 ug/L
RT: 3.275 min Scan# 713
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 96 Resp: 112537

Ion	Ratio	Lower	Upper
96	100		
61	142.4	87.3	181.3
98	63.6	41.1	85.5
63	45.1	28.3	58.7

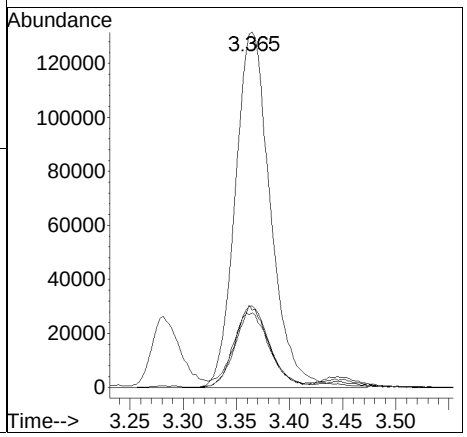


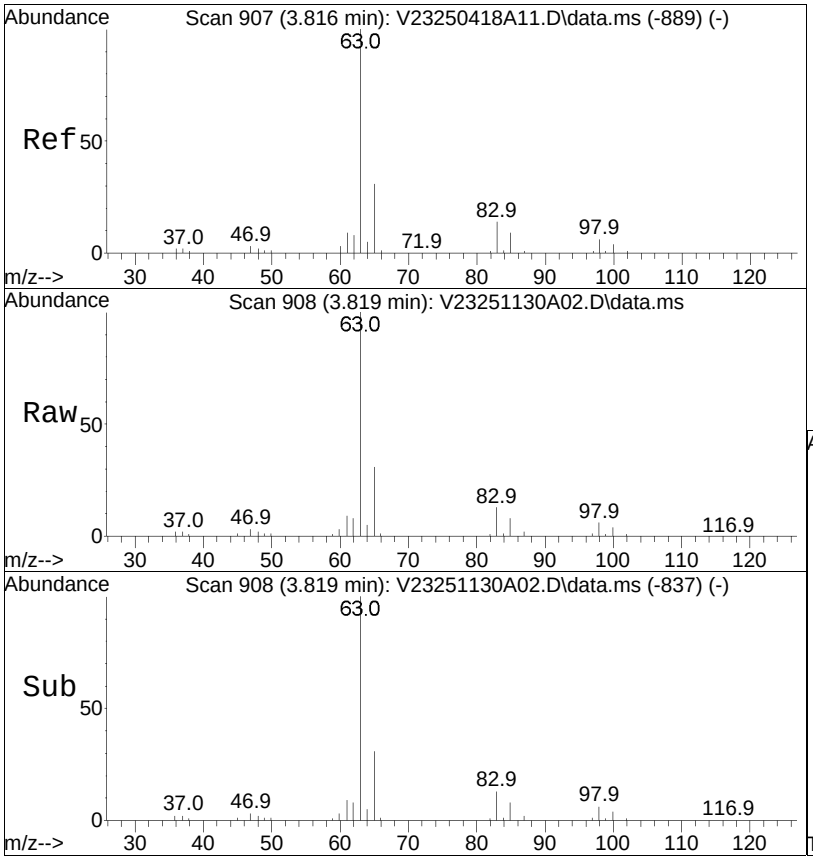


#20
Methyl tert-butyl ether
Concen: 41.75 ug/L
RT: 3.365 min Scan# 745
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 73 Resp: 303421

Ion	Ratio	Lower	Upper
73	100		
57	22.5	14.2	29.4
43	22.6	12.4	25.7
41	21.1	11.6	24.0

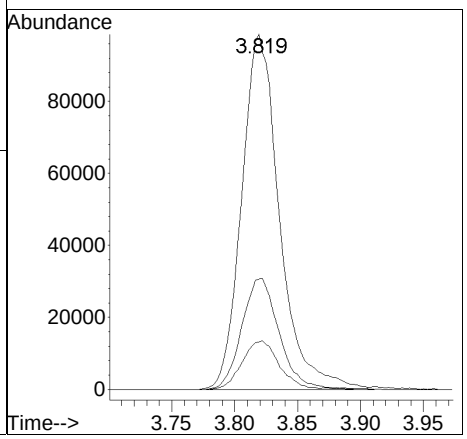


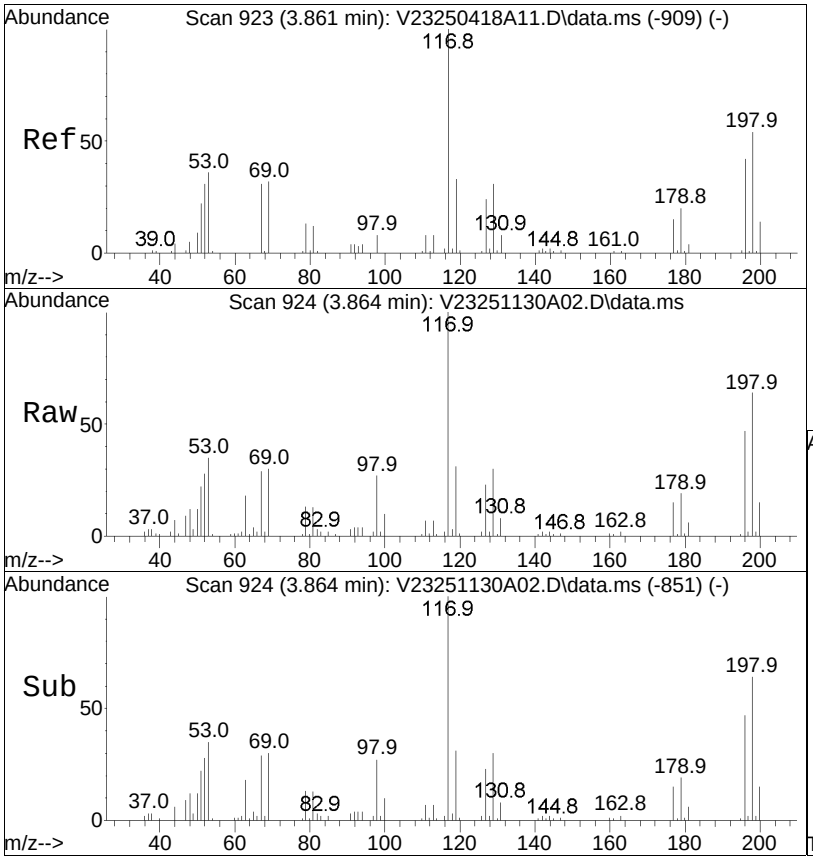


#23
1,1-Dichloroethane
Concen: 44.02 ug/L
RT: 3.819 min Scan# 908
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 63 Resp: 206294

Ion	Ratio	Lower	Upper
63	100		
65	30.8	11.1	51.1
83	13.4	0.0	33.3

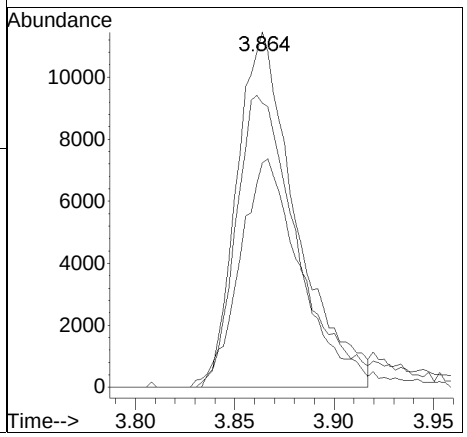


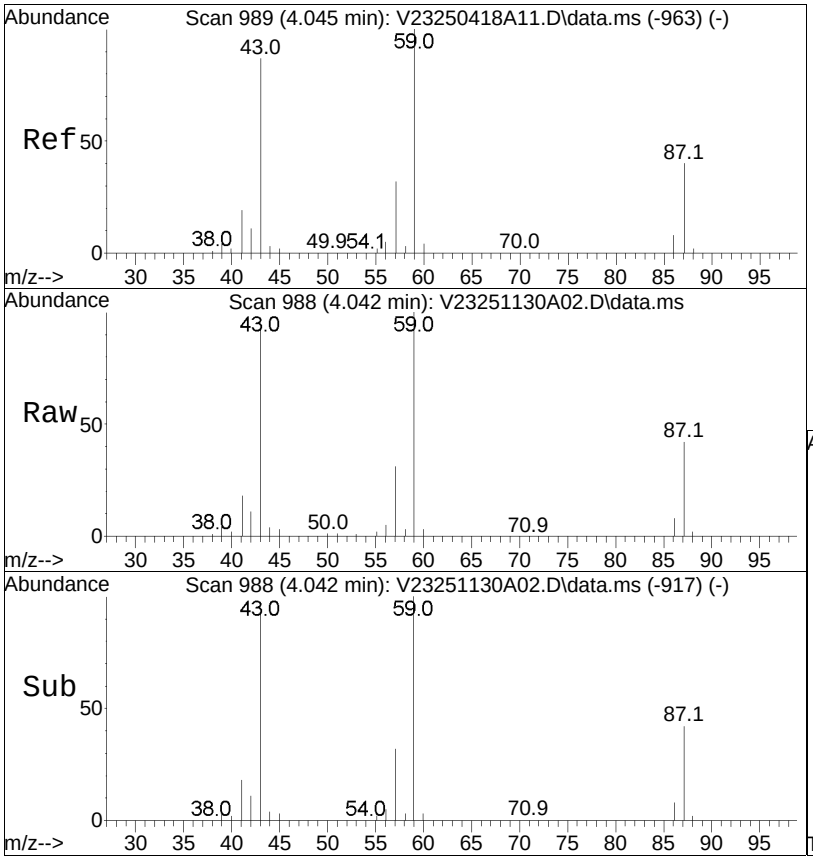


#25
Acrylonitrile
Concen: 42.02 ug/L
RT: 3.864 min Scan# 924
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 53 Resp: 23736

Ion	Ratio	Lower	Upper
53	100		
52	84.6	67.1	100.7
51	68.9	38.5	57.7#

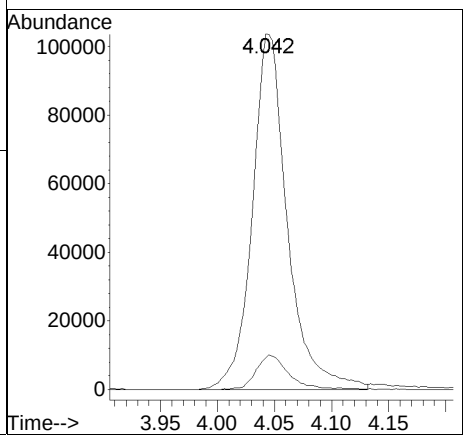


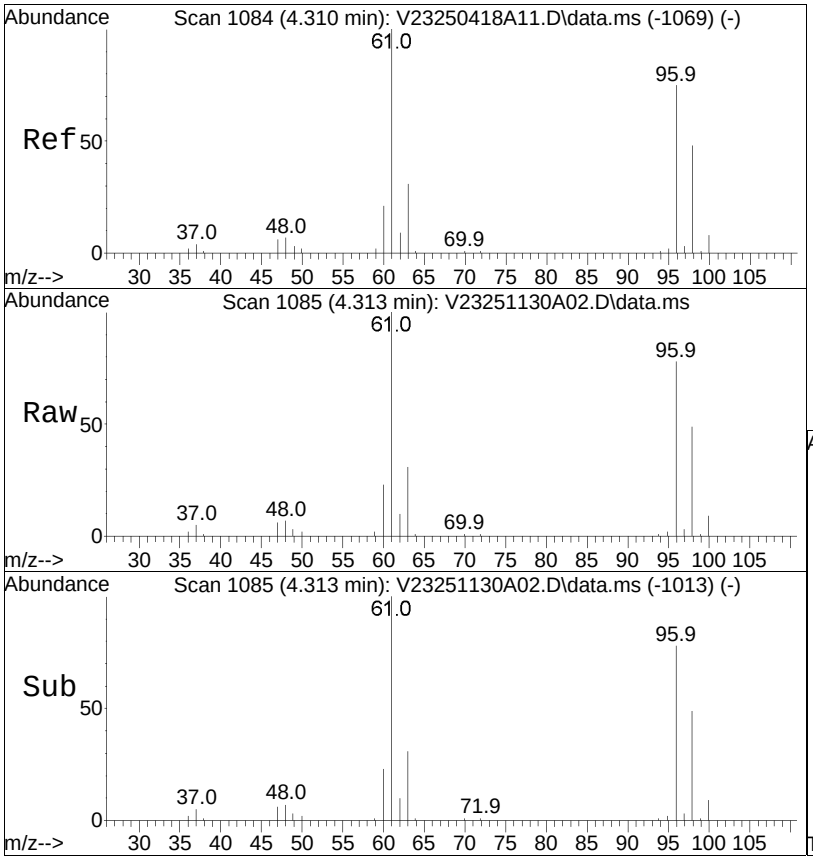


#27
Vinyl acetate
Concen: 40.93 ug/L
RT: 4.042 min Scan# 988
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 43 Resp: 221841

Ion	Ratio	Lower	Upper
43	100		
86	8.7	8.6	12.8

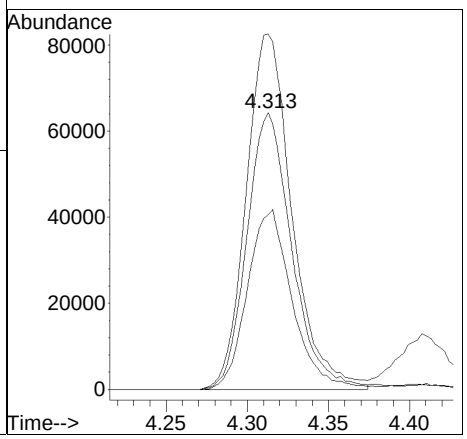


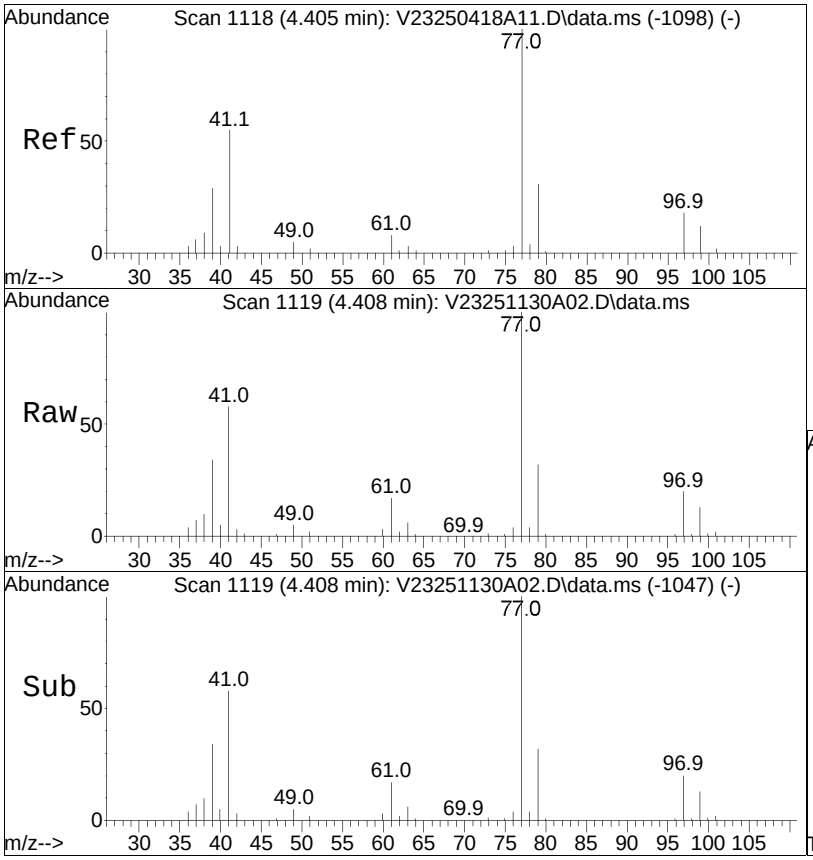


#28
cis-1,2-Dichloroethene
Concen: 42.43 ug/L
RT: 4.313 min Scan# 1085
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 96 Resp: 123923

Ion	Ratio	Lower	Upper
96	100		
61	131.0	98.2	147.2
98	65.0	51.0	76.6

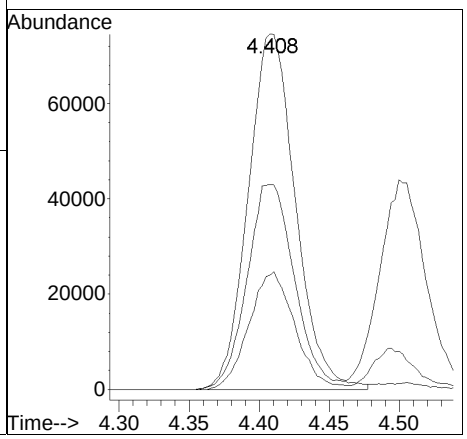


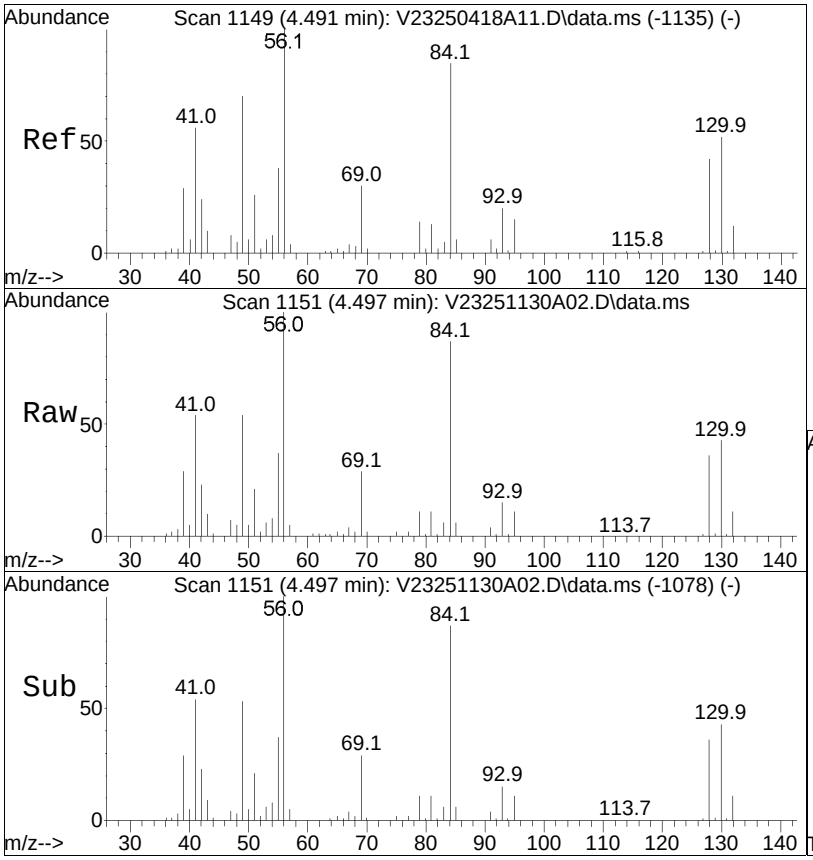


#29
2,2-Dichloropropane
Concen: 45.42 ug/L
RT: 4.408 min Scan# 1119
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 77 Resp: 175199

Ion	Ratio	Lower	Upper
77	100		
41	58.0	31.1	64.7
79	32.2	20.7	43.1

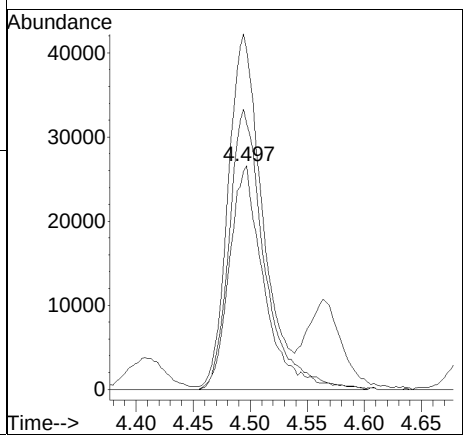


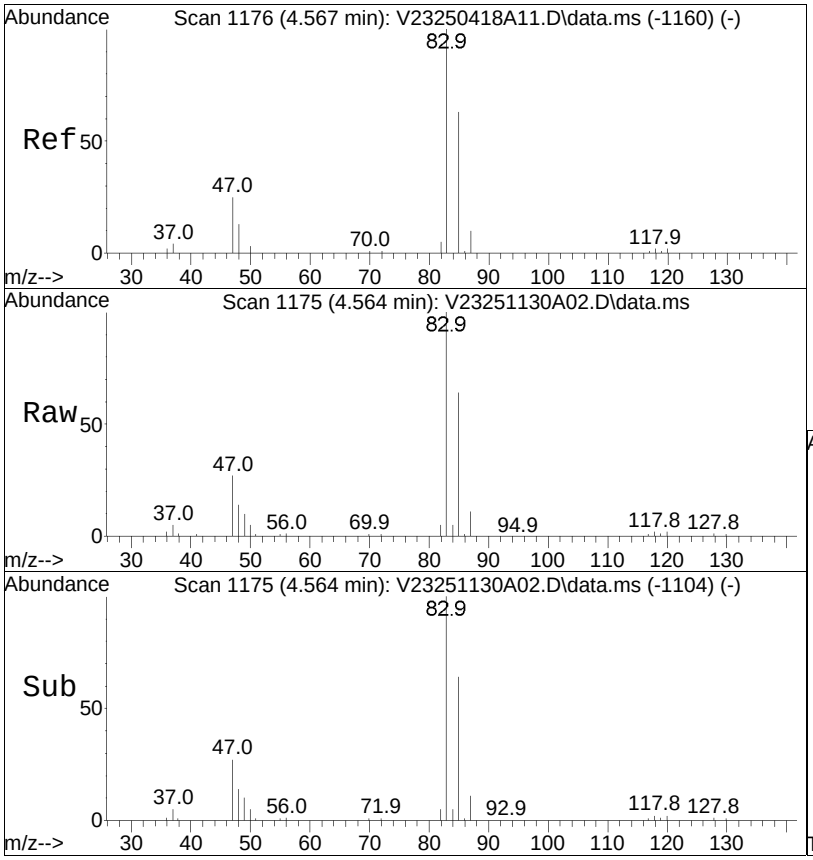


#30
Bromochloromethane
Concen: 43.25 ug/L
RT: 4.497 min Scan# 1151
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:128 Resp: 56414

Ion	Ratio	Lower	Upper
128	100		
49	154.0	117.6	176.4
130	127.0	103.8	155.8

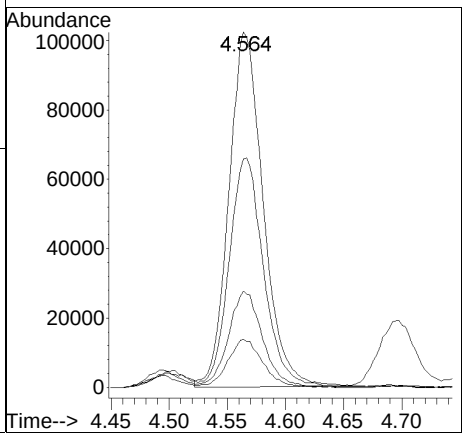


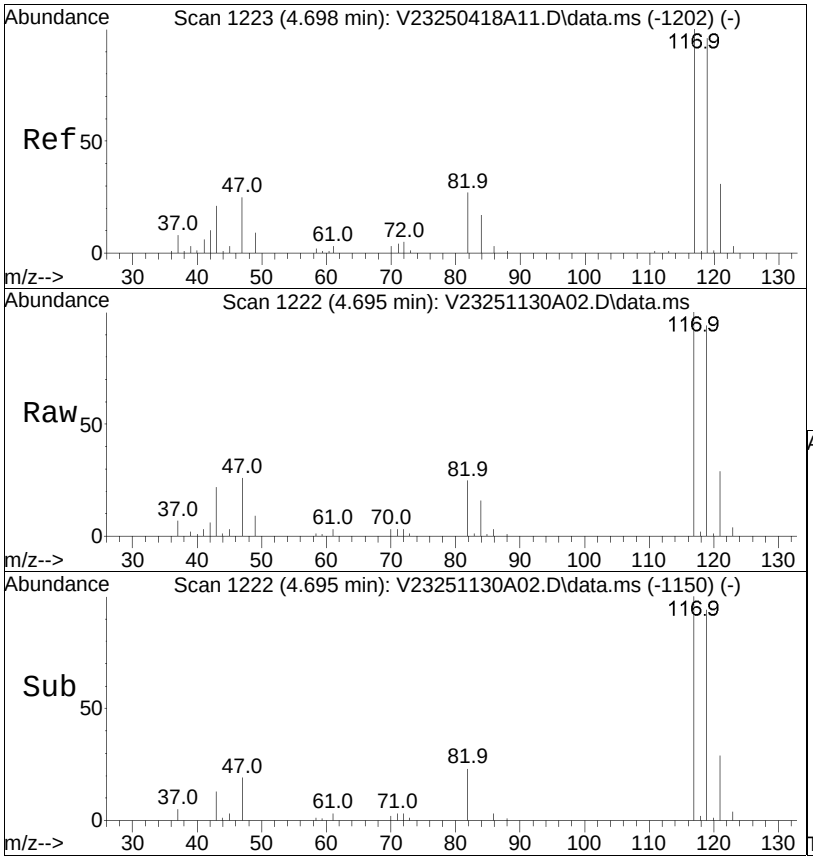


#32
Chloroform
Concen: 36.72 ug/L
RT: 4.564 min Scan# 1175
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 83 Resp: 210449

Ion	Ratio	Lower	Upper
83	100		
85	64.7	42.1	87.3
47	26.6	14.0	29.2
48	13.8	7.2	14.9

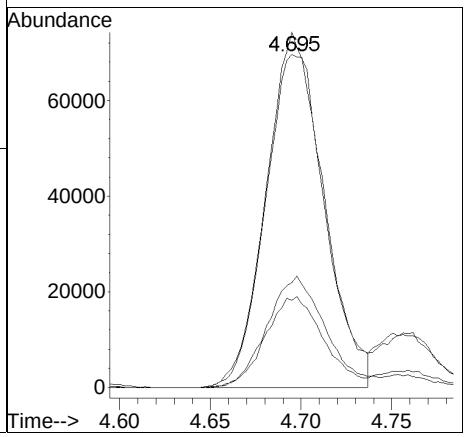


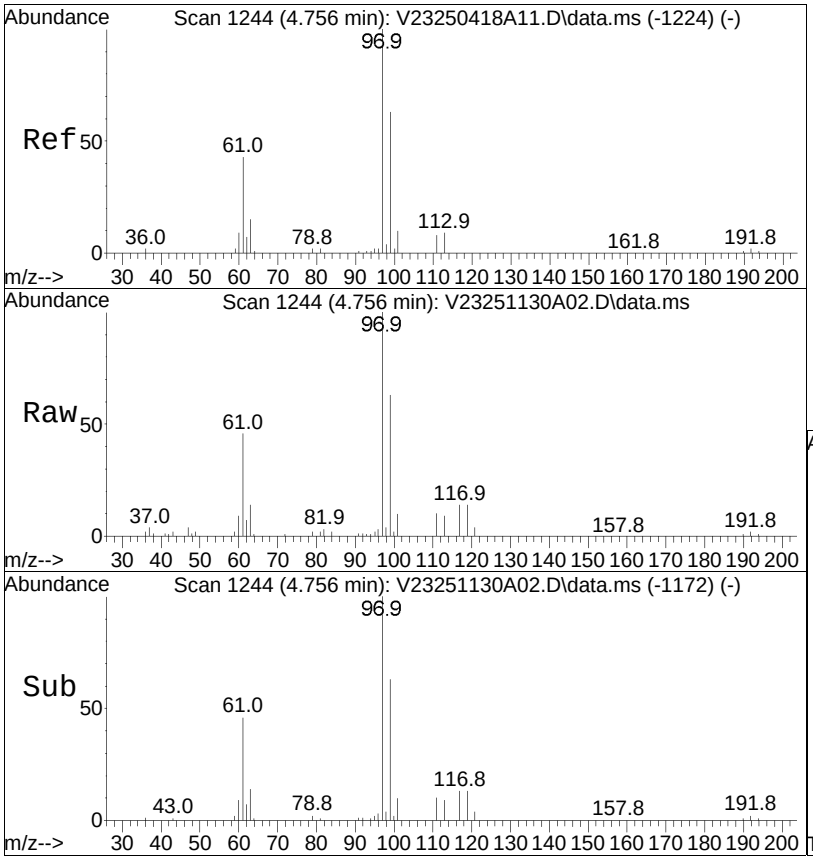


#34
Carbon tetrachloride
Concen: 44.23 ug/L
RT: 4.695 min Scan# 1222
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:117 Resp: 164262

Ion	Ratio	Lower	Upper
117	100		
119	96.4	62.7	130.3
121	31.3	20.3	42.1
82	25.9	16.4	34.2

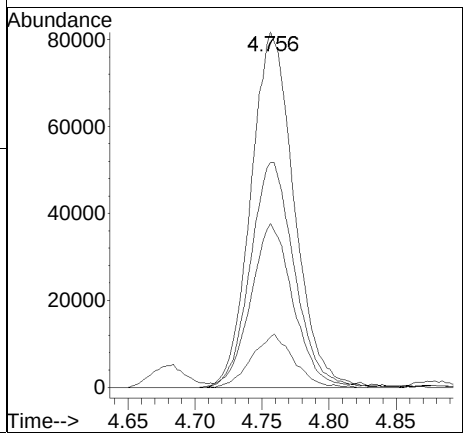


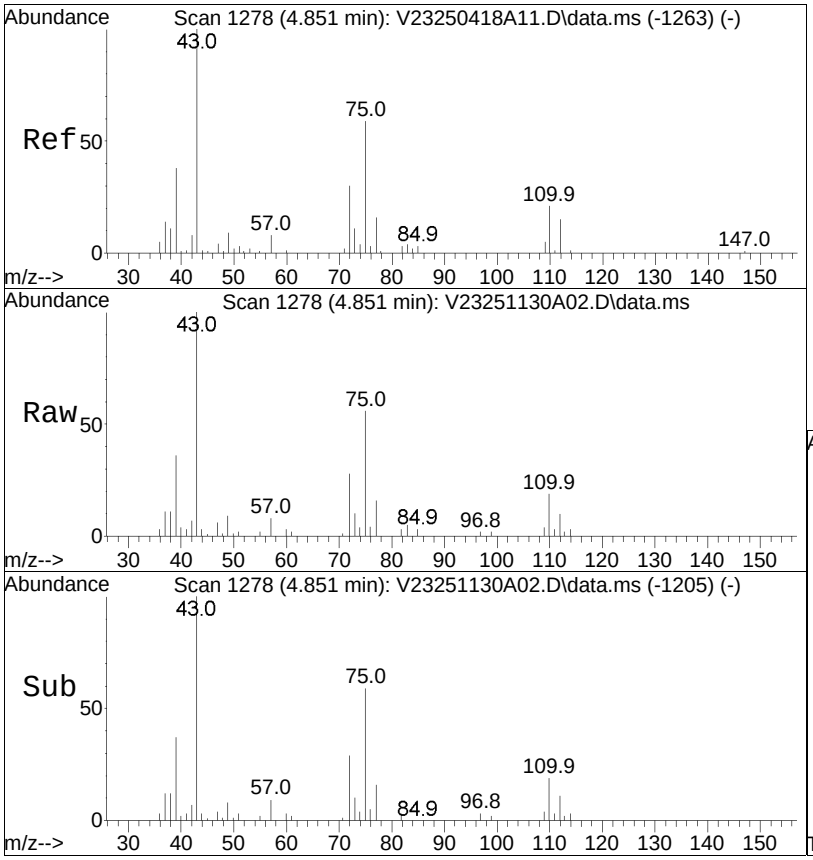


#37
1,1,1-Trichloroethane
Concen: 46.35 ug/L
RT: 4.756 min Scan# 1244
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 97 Resp: 183696

Ion	Ratio	Lower	Upper
97	100		
99	64.5	41.5	86.3
61	45.6	27.4	57.0
63	14.6	9.0	18.6

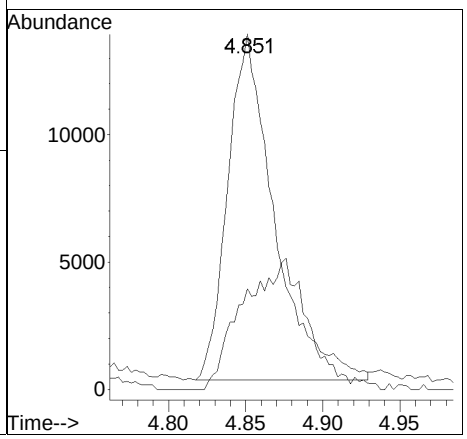


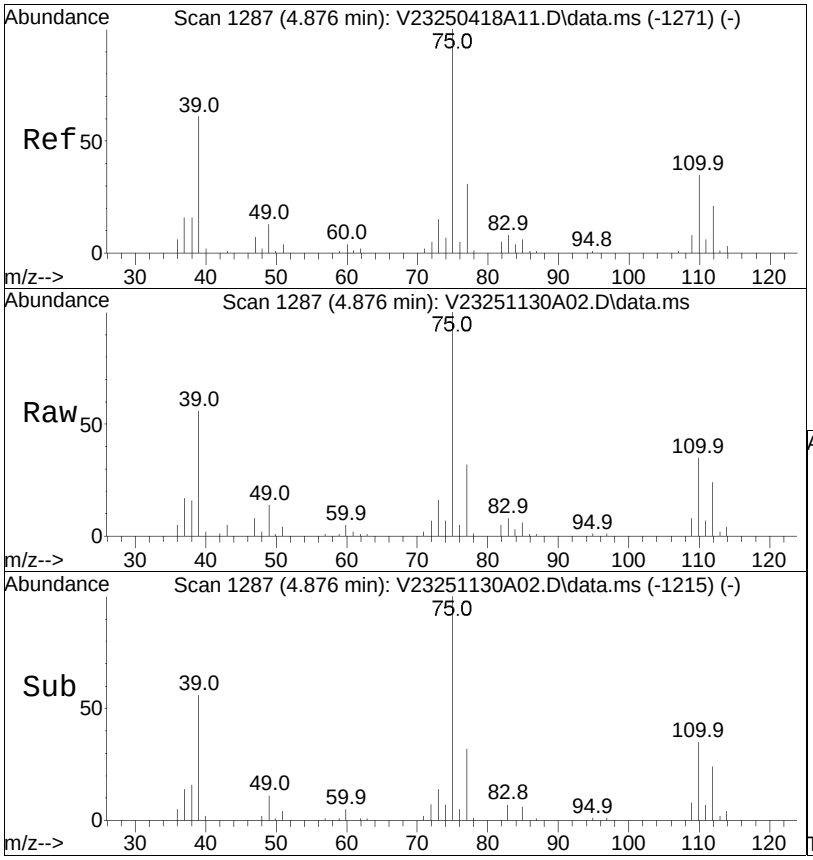


#39
2-Butanone
Concen: 35.98 ug/L
RT: 4.851 min Scan# 1278
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 43 Resp: 28629

Ion	Ratio	Lower	Upper
43	100		
72	51.5	30.4	45.6#

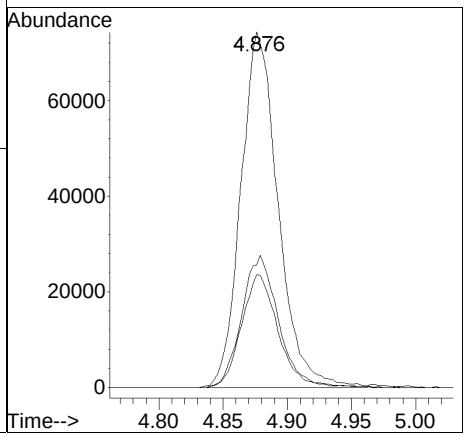


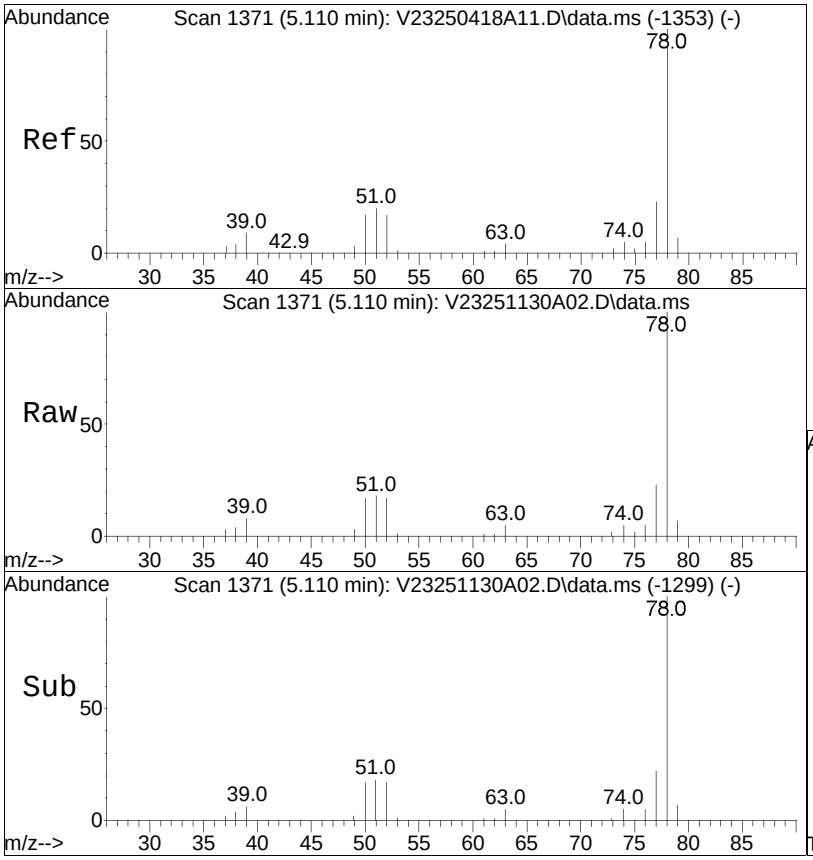


#40
1,1-Dichloropropene
Concen: 48.72 ug/L
RT: 4.876 min Scan# 1287
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 75 Resp: 150315

Ion	Ratio	Lower	Upper
75	100		
110	36.5	23.6	49.0
77	30.9	20.4	42.4

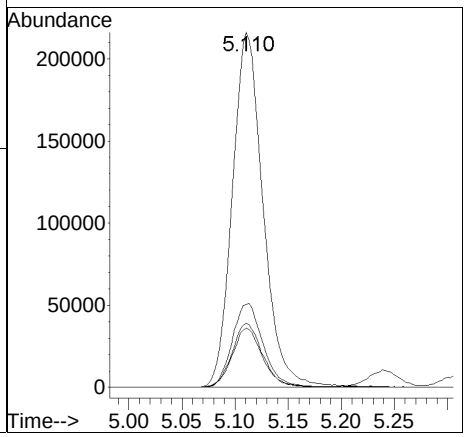


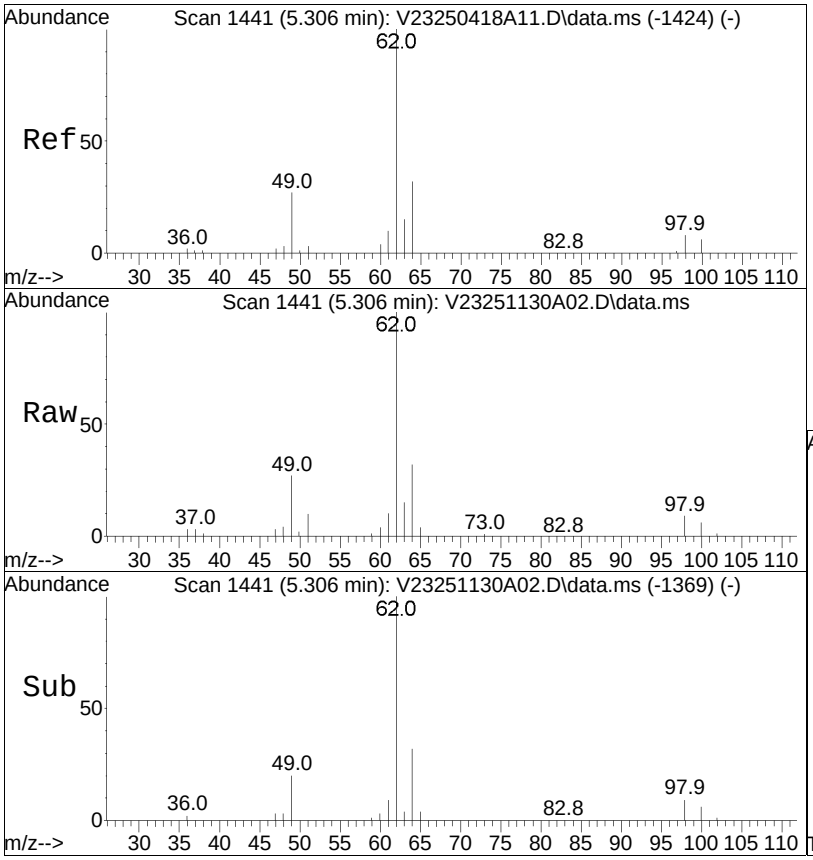


#41
Benzene
Concen: 44.60 ug/L
RT: 5.110 min Scan# 1371
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 78 Resp: 435571

Ion	Ratio	Lower	Upper
78	100		
77	23.9	15.7	32.5
51	18.1	9.9	20.5
52	16.6	9.5	19.7

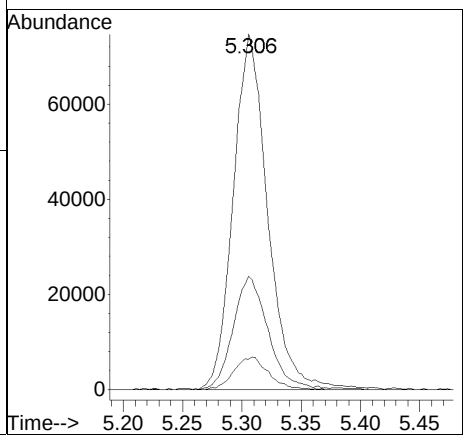


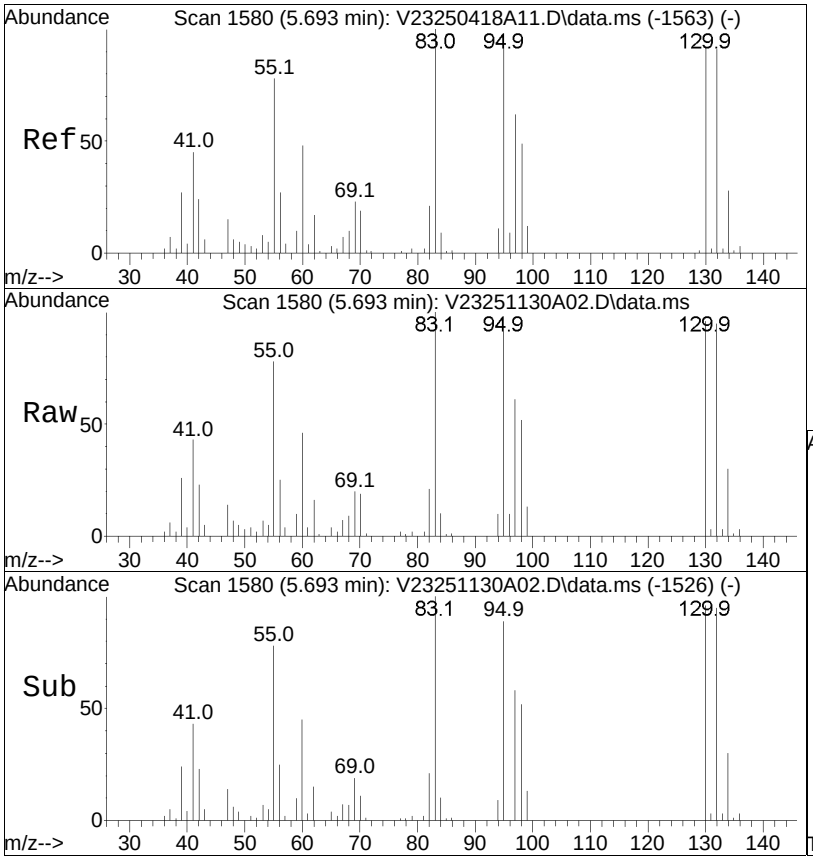


#44
1,2-Dichloroethane
Concen: 42.39 ug/L
RT: 5.306 min Scan# 1441
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 62 Resp: 150997

Ion	Ratio	Lower	Upper
62	100		
64	32.3	12.7	52.7
98	9.1	0.0	29.7

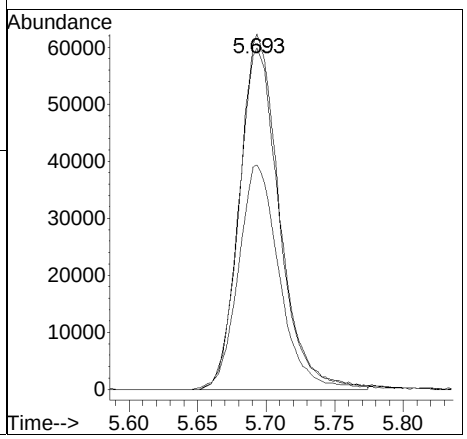


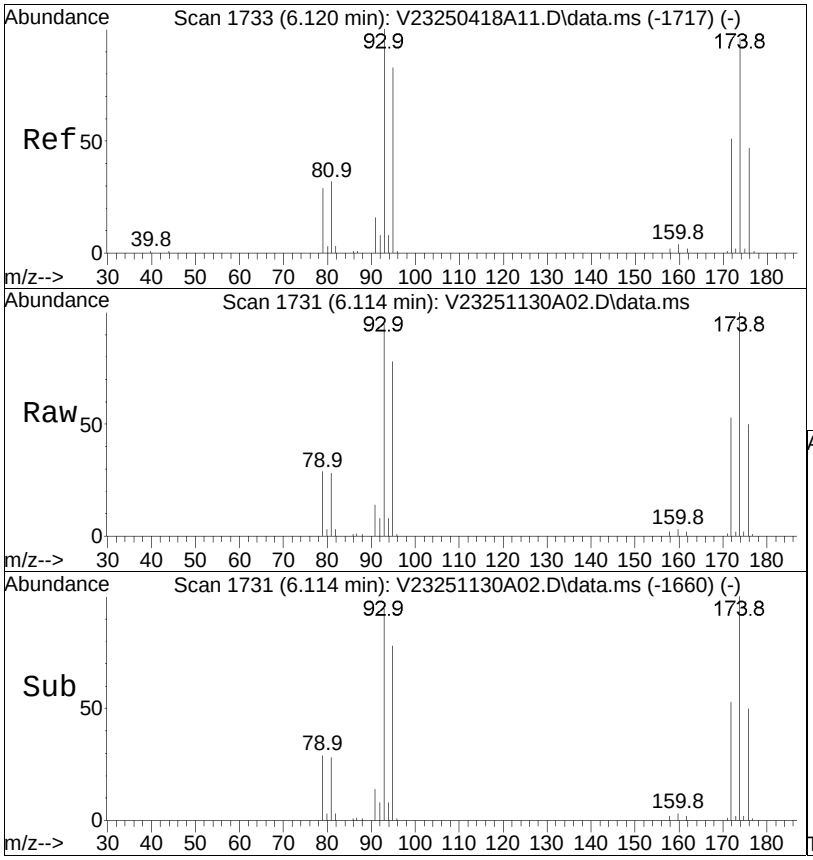


#48
Trichloroethene
Concen: 45.59 ug/L
RT: 5.693 min Scan# 1580
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 95 Resp: 122221

Ion	Ratio	Lower	Upper
95	100		
97	67.2	54.3	81.5
130	104.5	82.2	123.2

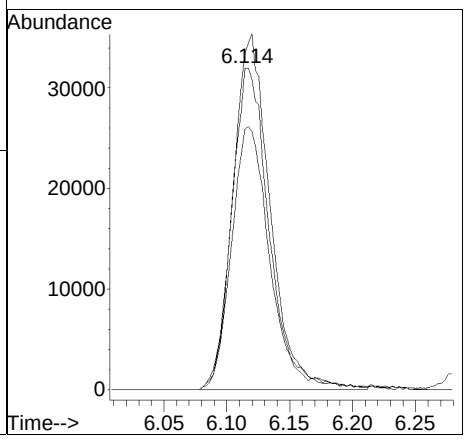


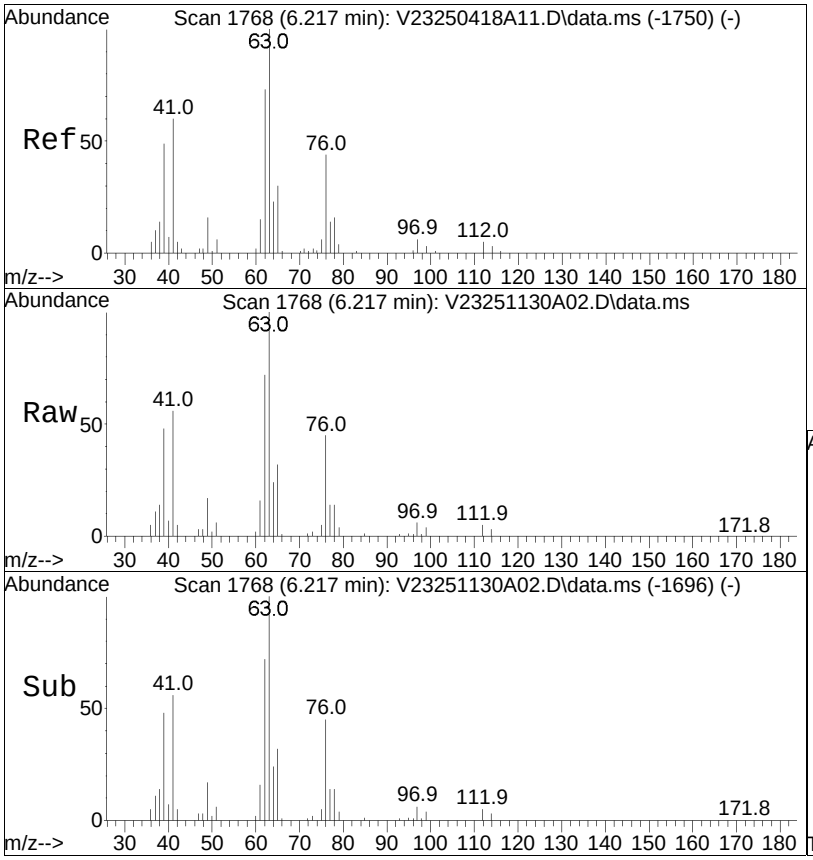


#50
Dibromomethane
Concen: 41.76 ug/L
RT: 6.114 min Scan# 1731
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 93 Resp: 66507

Ion	Ratio	Lower	Upper
93	100		
95	82.1	66.1	99.1
174	109.0	84.2	126.2

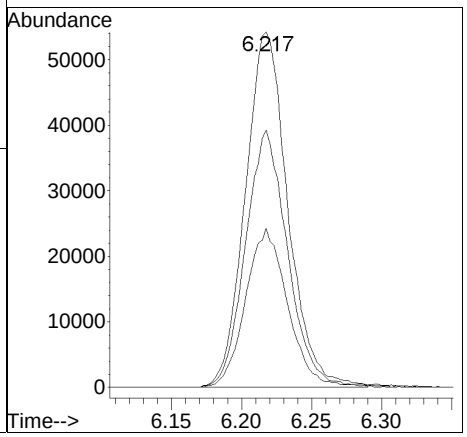


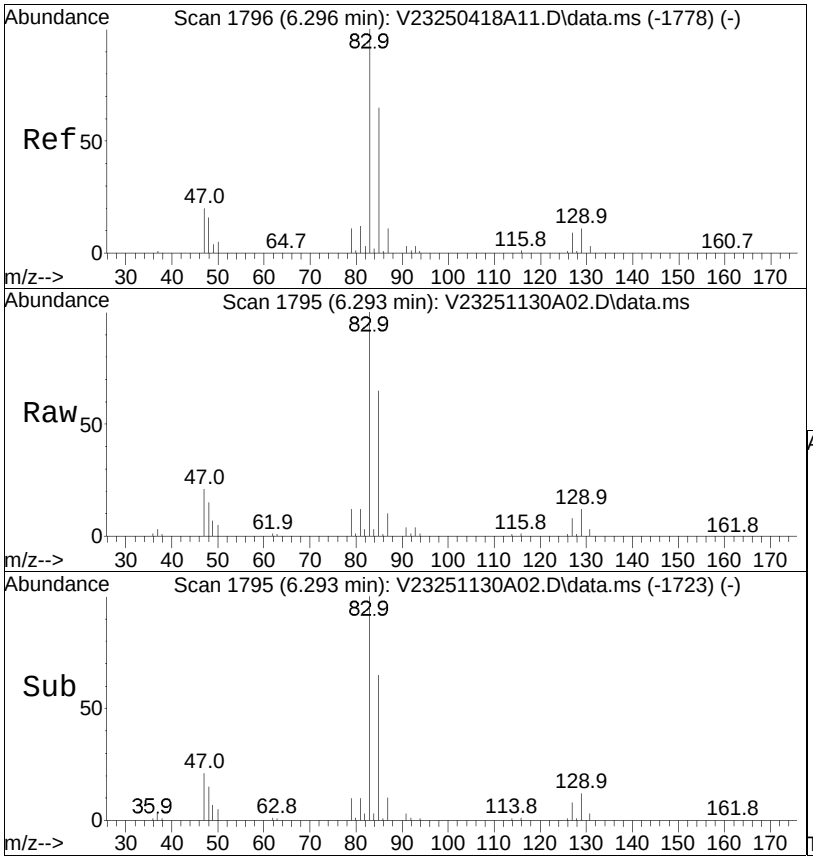


#51
1,2-Dichloropropane
Concen: 42.66 ug/L
RT: 6.217 min Scan# 1768
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 63 Resp: 114689

Ion	Ratio	Lower	Upper
63	100		
62	71.4	56.9	85.3
76	44.2	35.0	52.4

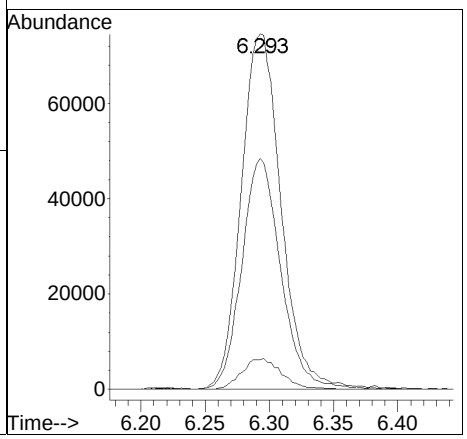


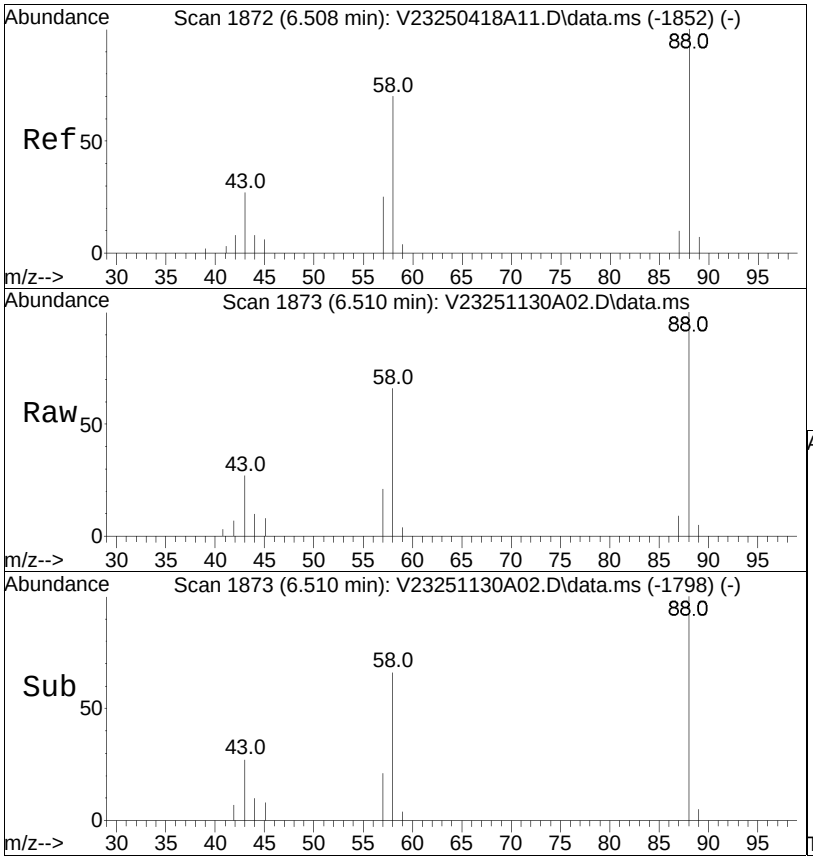


#54
Bromodichloromethane
Concen: 42.81 ug/L
RT: 6.293 min Scan# 1795
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 83 Resp: 161577

Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.3	76.9
127	8.7	6.5	9.7

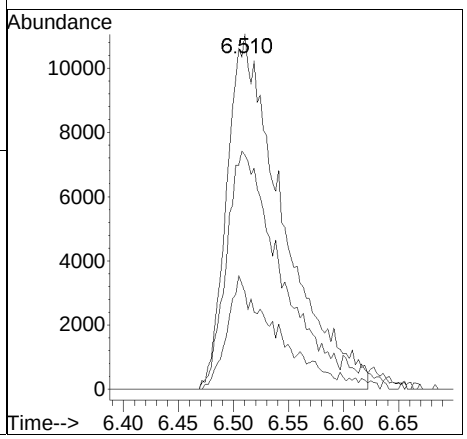


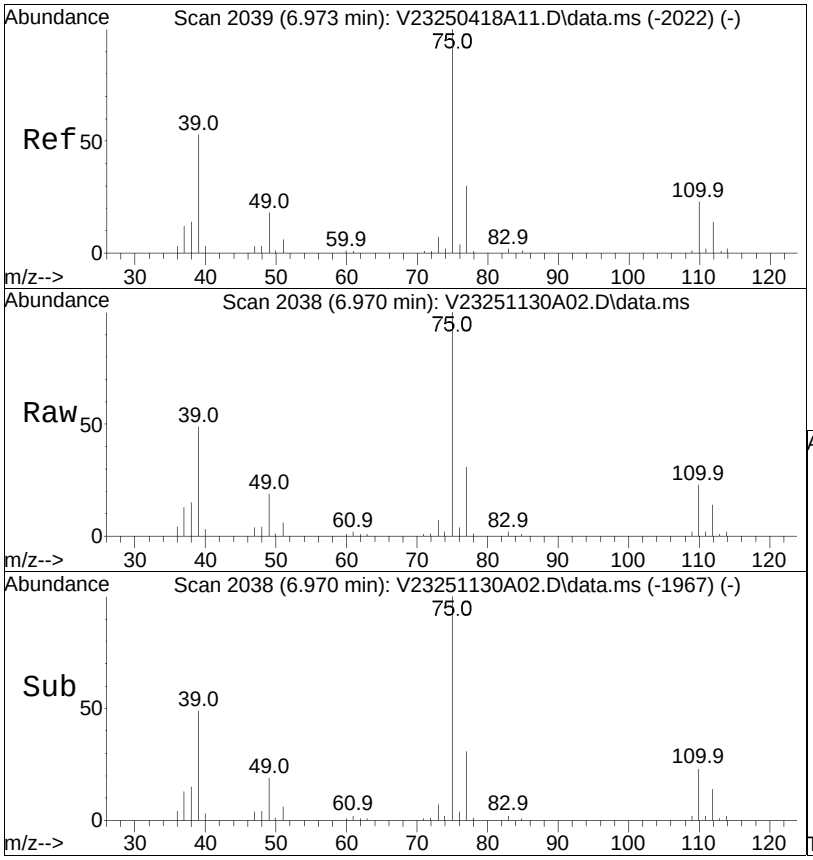


#57
1,4-Dioxane
Concen: 2511.97 ug/L
RT: 6.510 min Scan# 1873
Delta R.T. 0.008 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 88 Resp: 39159

Ion	Ratio	Lower	Upper
88	100		
58	65.3	50.2	75.2
43	23.6	19.1	28.7

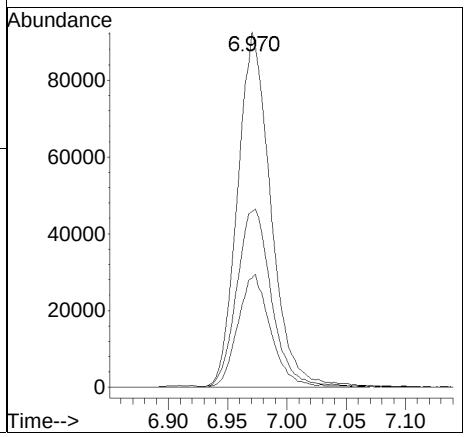


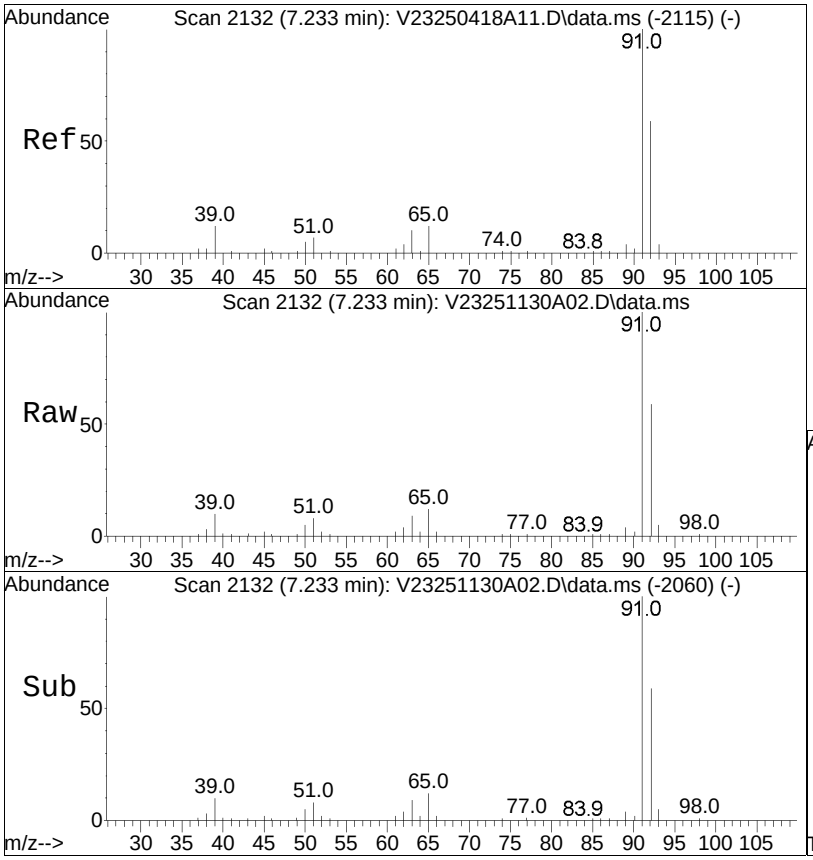


#58
cis-1,3-Dichloropropene
Concen: 43.71 ug/L
RT: 6.970 min Scan# 2038
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 75 Resp: 181511

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.9	38.9
39	51.3	34.5	51.7

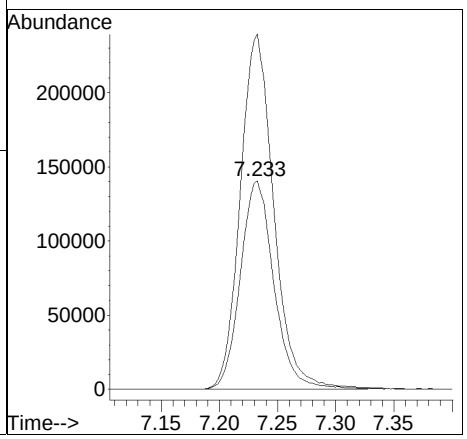


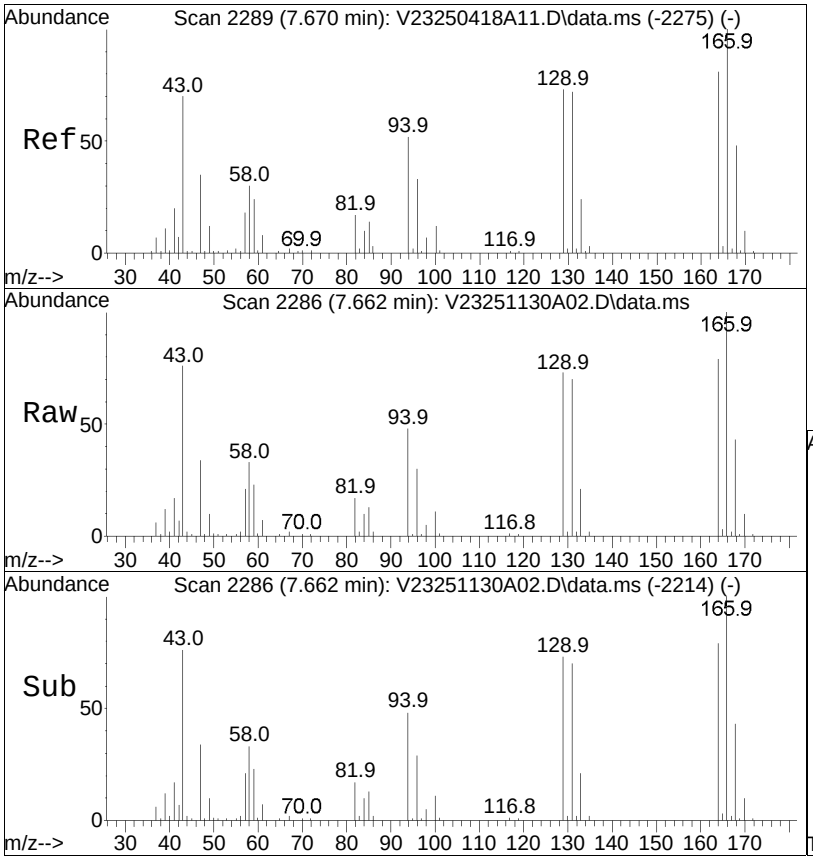


#61
Toluene
Concen: 42.98 ug/L
RT: 7.233 min Scan# 2132
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 92 Resp: 283131

Ion	Ratio	Lower	Upper
92	100		
91	169.9	136.4	204.6

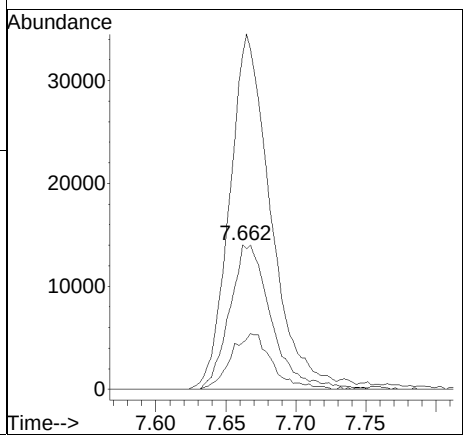


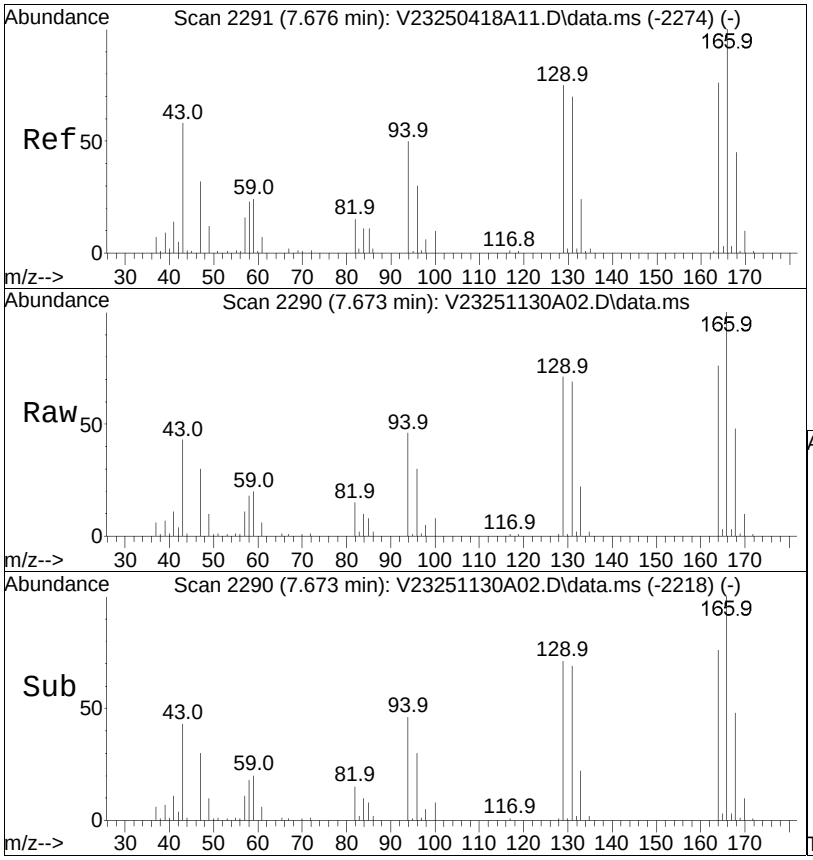


#62
4-Methyl-2-pentanone
Concen: 41.65 ug/L
RT: 7.662 min Scan# 2286
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 58 Resp: 29213

Ion	Ratio	Lower	Upper
58	100		
100	37.9	33.1	49.7
43	241.2	179.0	268.6

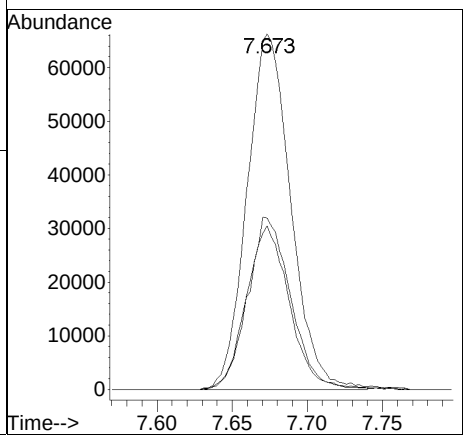


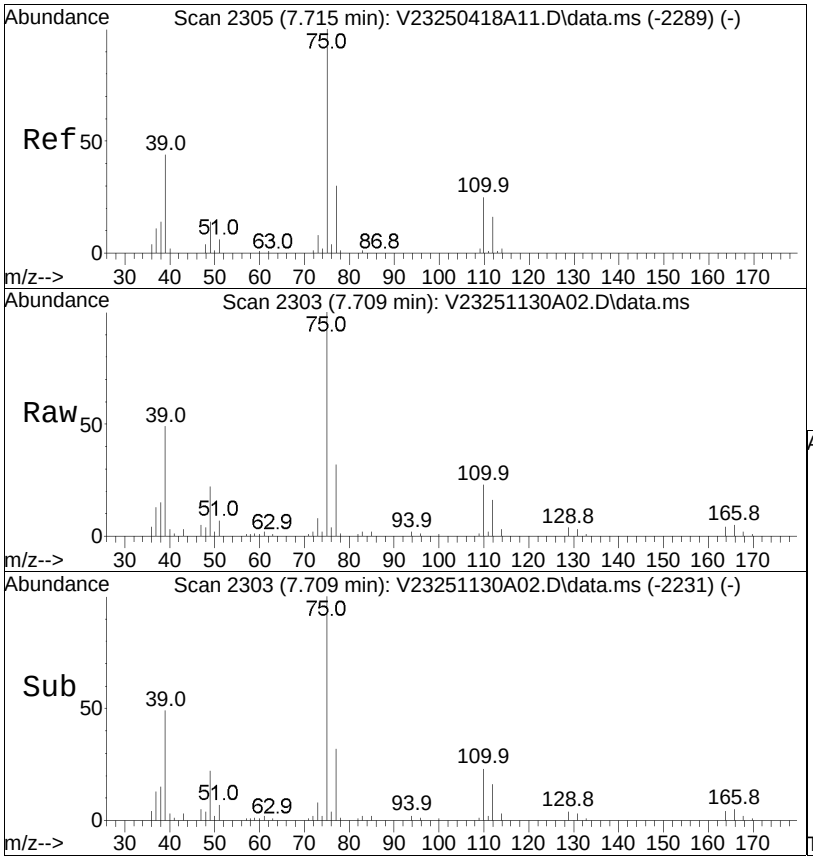


#63
Tetrachloroethene
Concen: 47.31 ug/L
RT: 7.673 min Scan# 2290
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:166 Resp: 134064

Ion	Ratio	Lower	Upper
166	100		
168	47.7	28.0	68.0
94	45.3	23.3	63.3

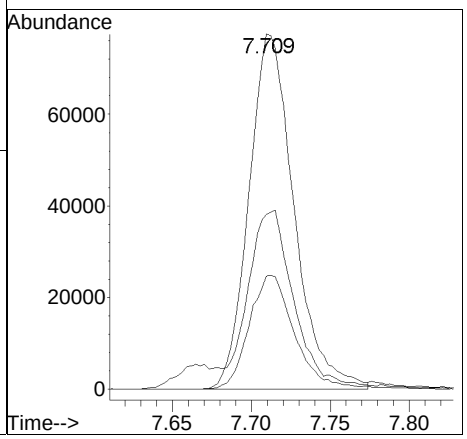


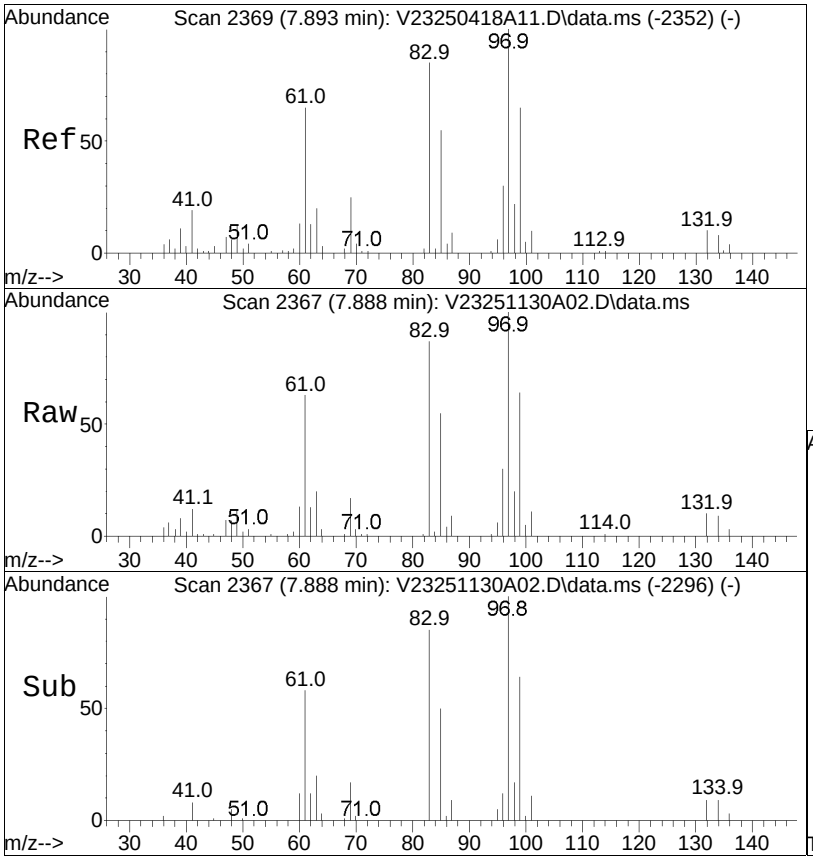


#65
trans-1,3-Dichloropropene
Concen: 41.53 ug/L
RT: 7.709 min Scan# 2303
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 75 Resp: 154105

Ion	Ratio	Lower	Upper
75	100		
77	32.6	12.7	52.7
39	49.7	29.5	69.5

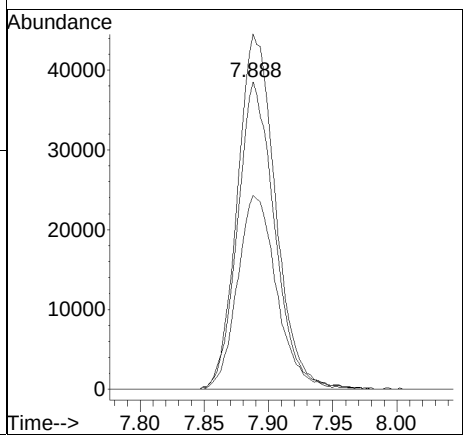


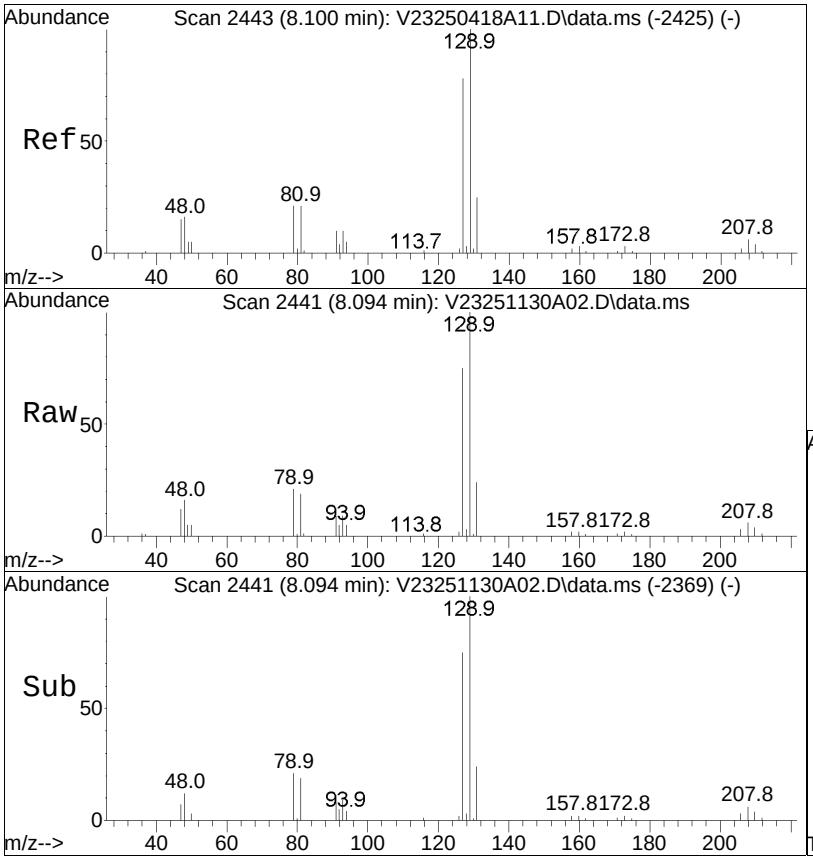


#68
1,1,2-Trichloroethane
Concen: 41.08 ug/L
RT: 7.888 min Scan# 2367
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 83 Resp: 77719

Ion	Ratio	Lower	Upper
83	100		
97	118.7	99.1	139.1
85	66.7	46.8	86.8

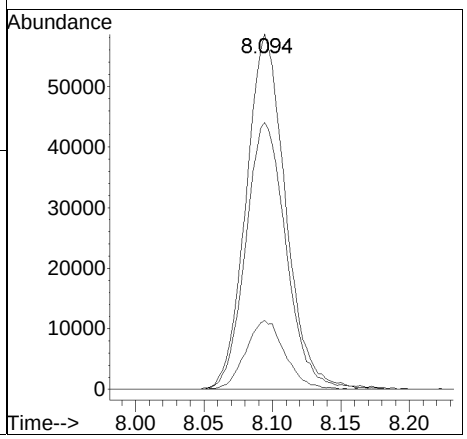


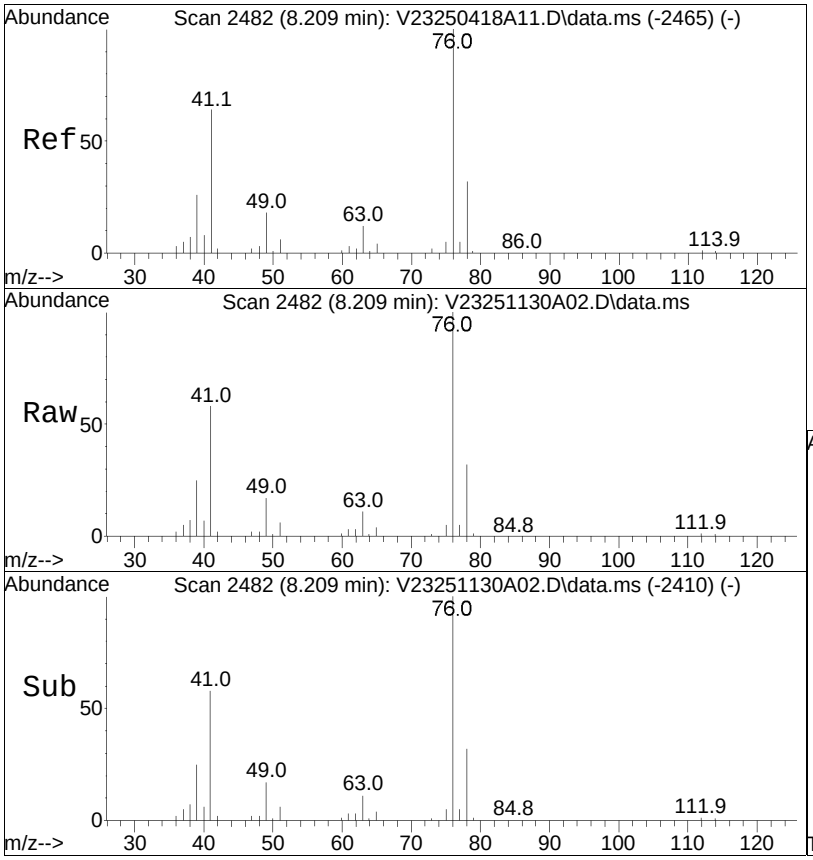


#69
Chlorodibromomethane
Concen: 43.34 ug/L
RT: 8.094 min Scan# 2441
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:129 Resp: 117794

Ion	Ratio	Lower	Upper
129	100		
81	19.3	0.0	35.1
127	77.1	57.6	97.6

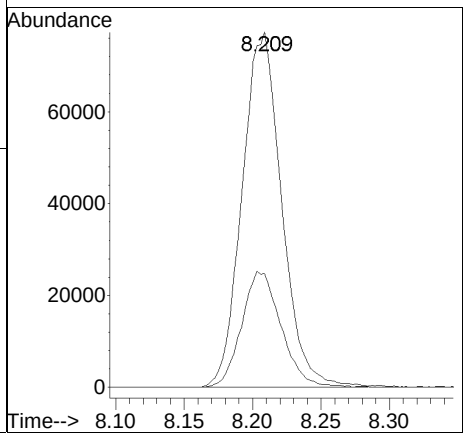


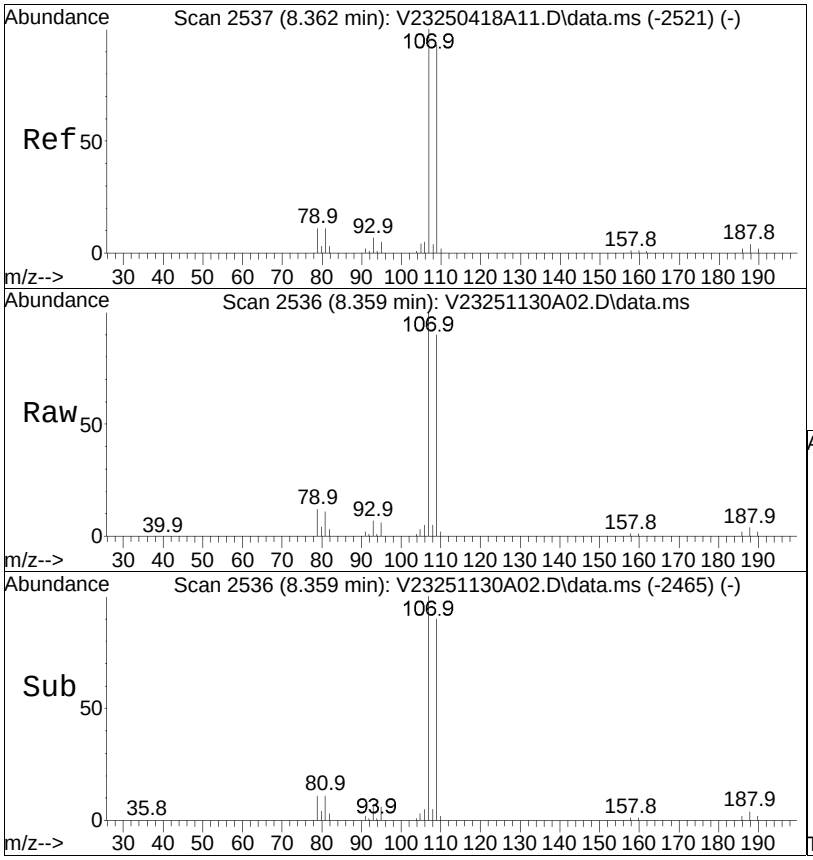


#70
1,3-Dichloropropane
Concen: 41.63 ug/L
RT: 8.209 min Scan# 2482
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 76 Resp: 155514

Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.2	39.2

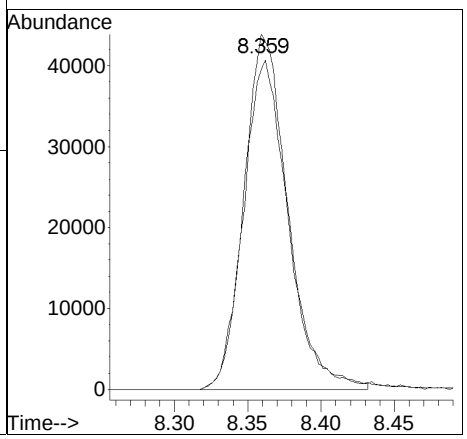


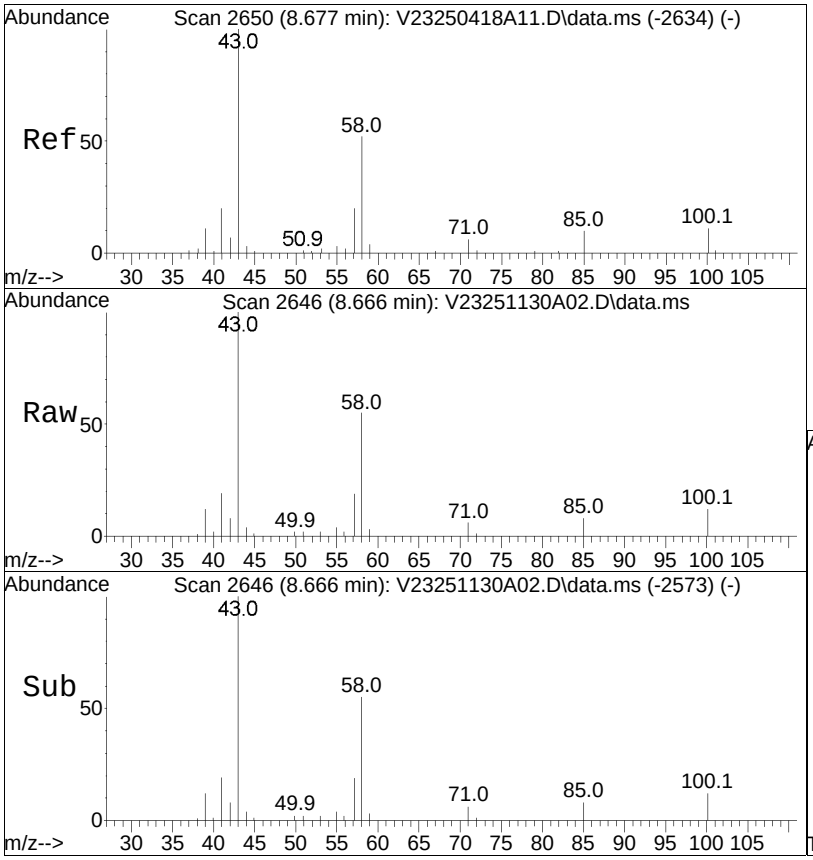


#71
1,2-Dibromoethane
Concen: 43.78 ug/L
RT: 8.359 min Scan# 2536
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:107 Resp: 91948

Ion	Ratio	Lower	Upper
107	100		
109	93.9	76.1	114.1

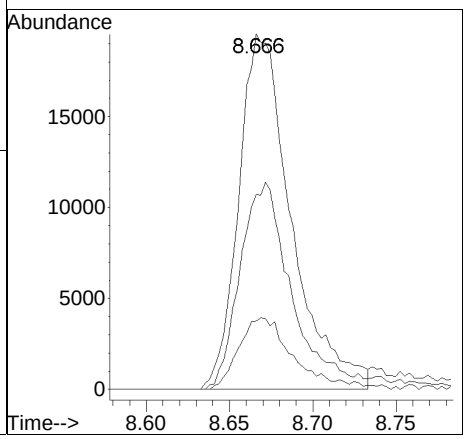


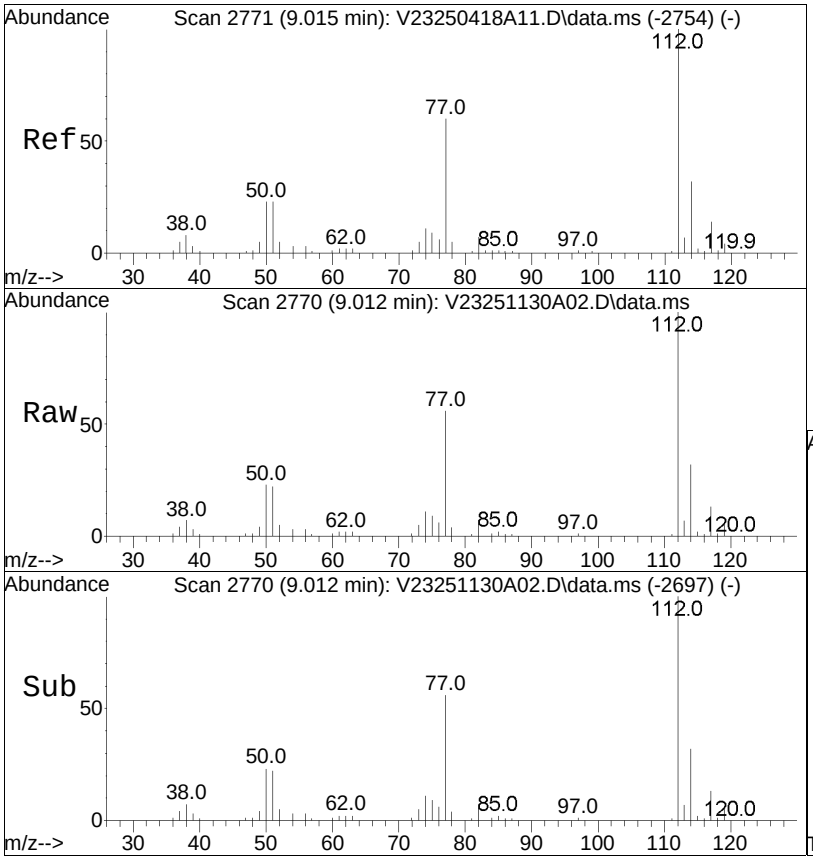


#72
2-Hexanone
Concen: 34.16 ug/L
RT: 8.666 min Scan# 2646
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 43 Resp: 43007

Ion	Ratio	Lower	Upper
43	100		
58	56.3	49.2	73.8
57	20.4	17.4	26.2

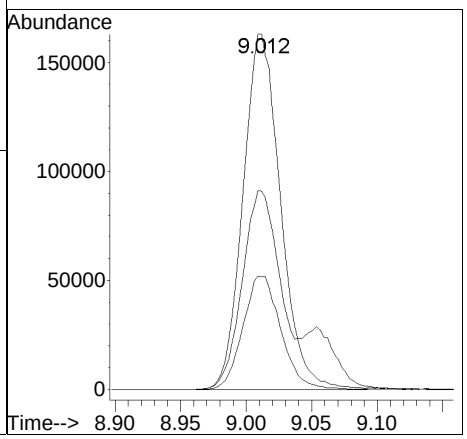


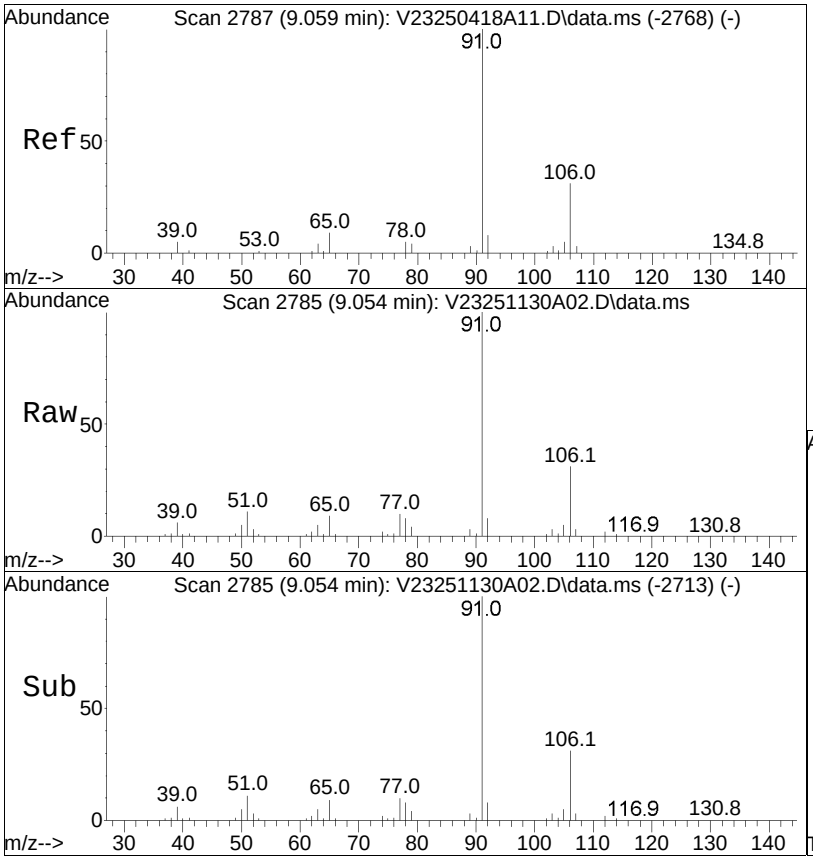


#73
Chlorobenzene
Concen: 43.13 ug/L
RT: 9.012 min Scan# 2770
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:112 Resp: 324688

Ion	Ratio	Lower	Upper
112	100		
77	56.4	58.5	87.7#
114	32.2	25.8	38.6

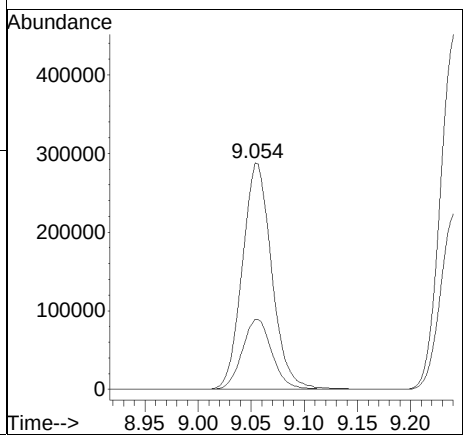


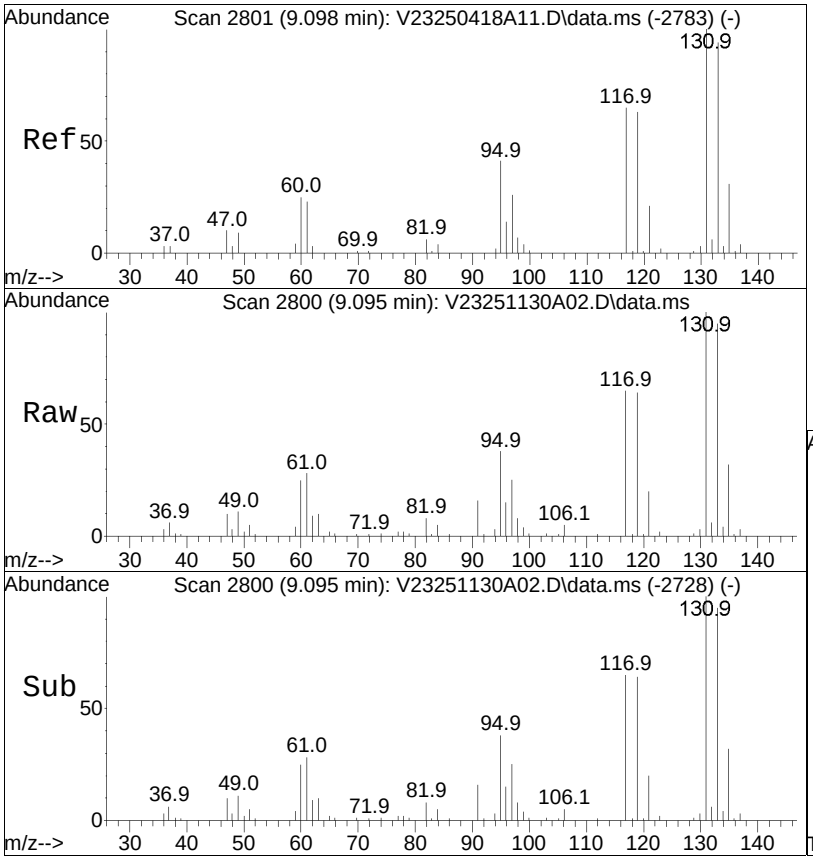


#74
Ethylbenzene
Concen: 42.45 ug/L
RT: 9.054 min Scan# 2785
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 91 Resp: 553636

Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.2	37.8

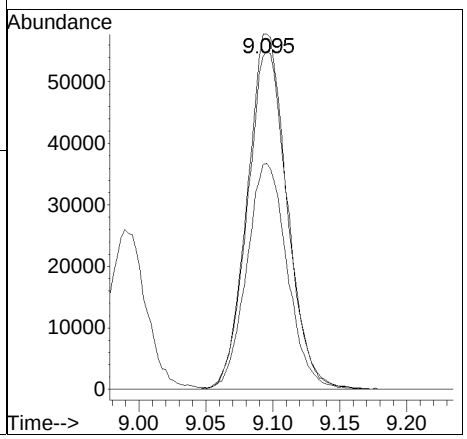


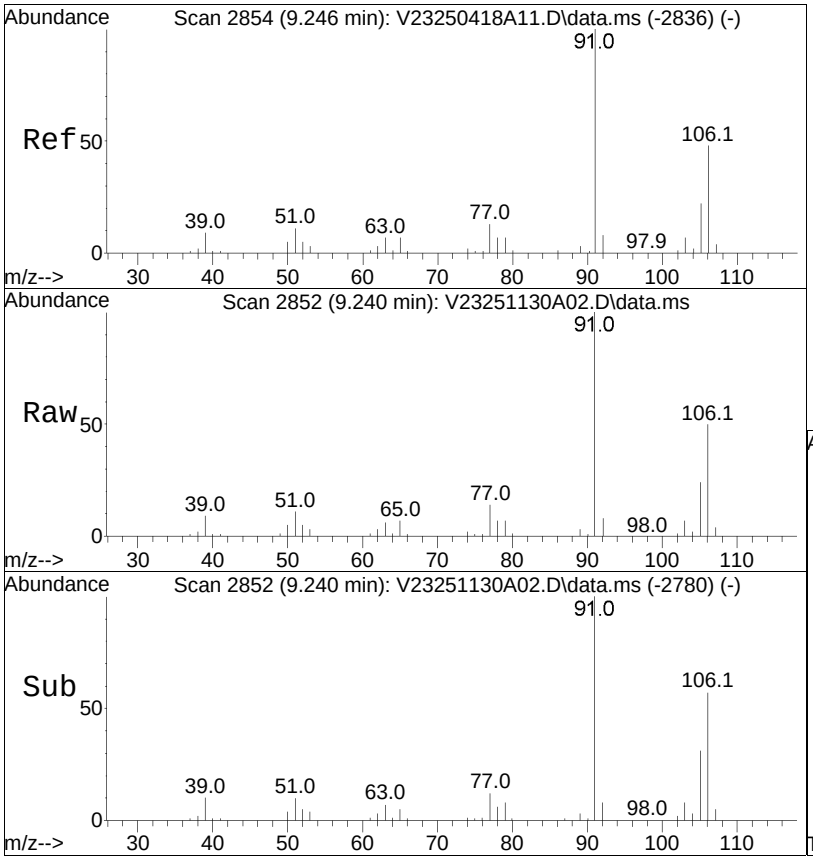


#75
1,1,1,2-Tetrachloroethane
Concen: 43.63 ug/L
RT: 9.095 min Scan# 2800
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:131 Resp: 120014

Ion	Ratio	Lower	Upper
131	100		
133	95.3	75.5	115.5
119	64.8	46.0	86.0

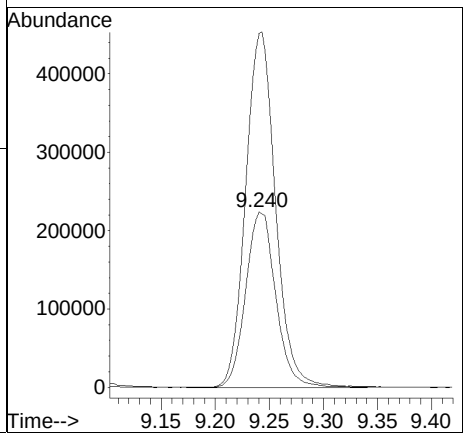


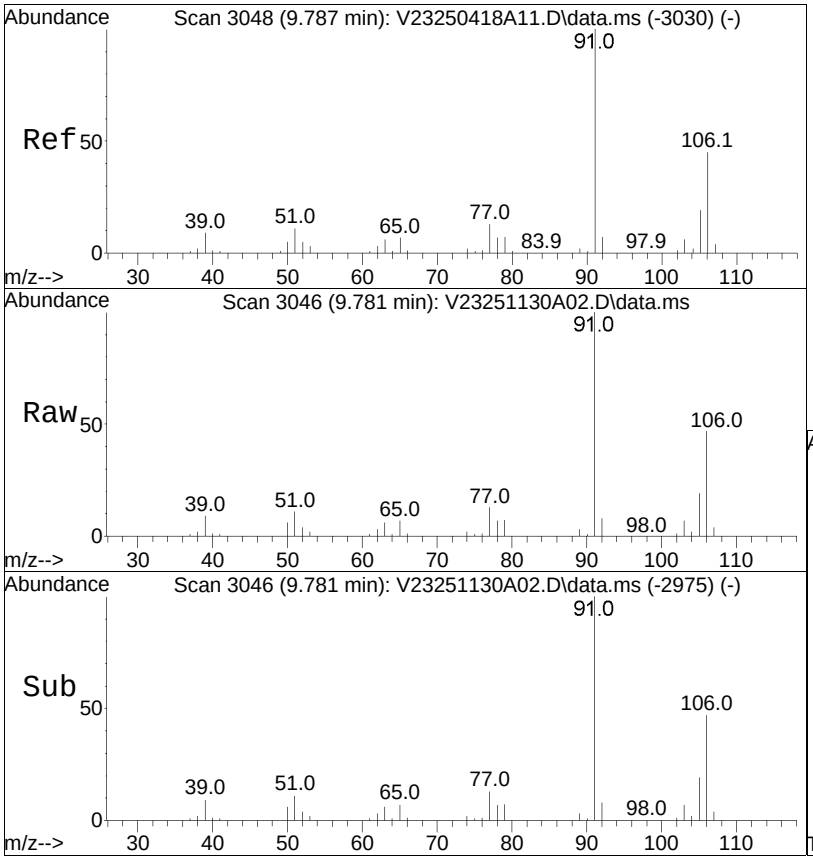


#76
p/m Xylene
Concen: 89.05 ug/L
RT: 9.240 min Scan# 2852
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:106 Resp: 434206

Ion	Ratio	Lower	Upper
106	100		
91	200.4	160.4	240.6

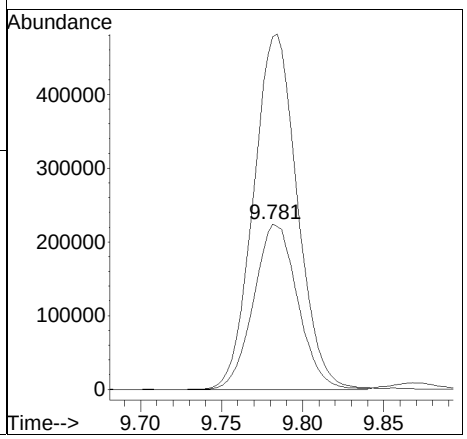


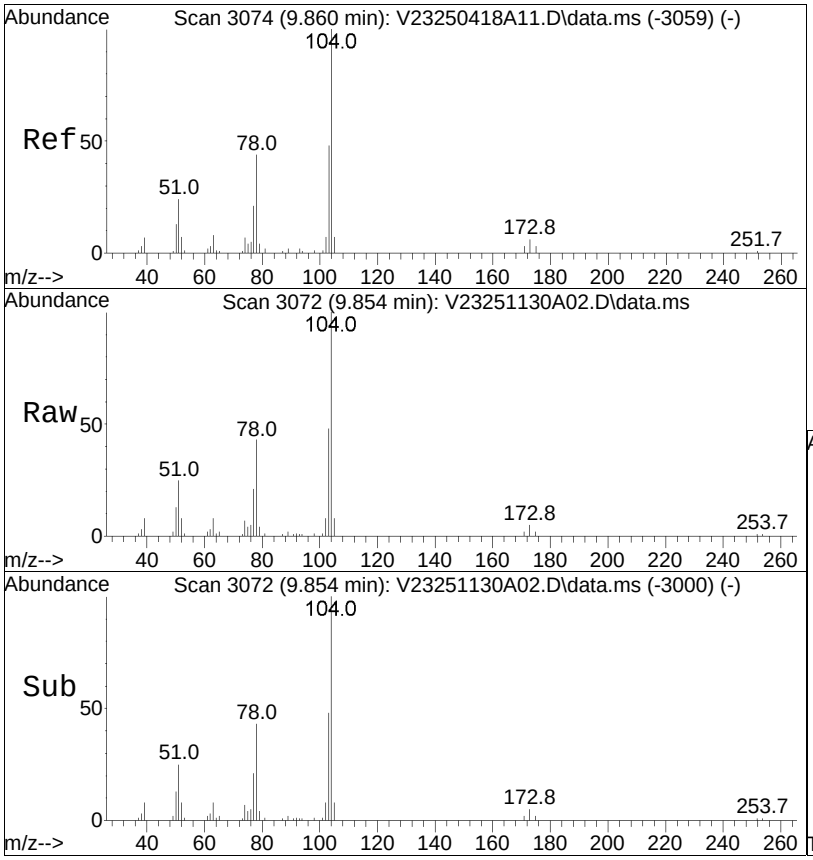


#77
o Xylene
Concen: 85.82 ug/L
RT: 9.781 min Scan# 3046
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:106 Resp: 422317

Ion	Ratio	Lower	Upper
106	100		
91	214.5	169.6	254.4

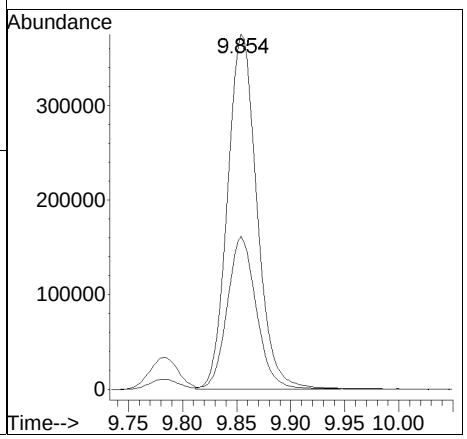


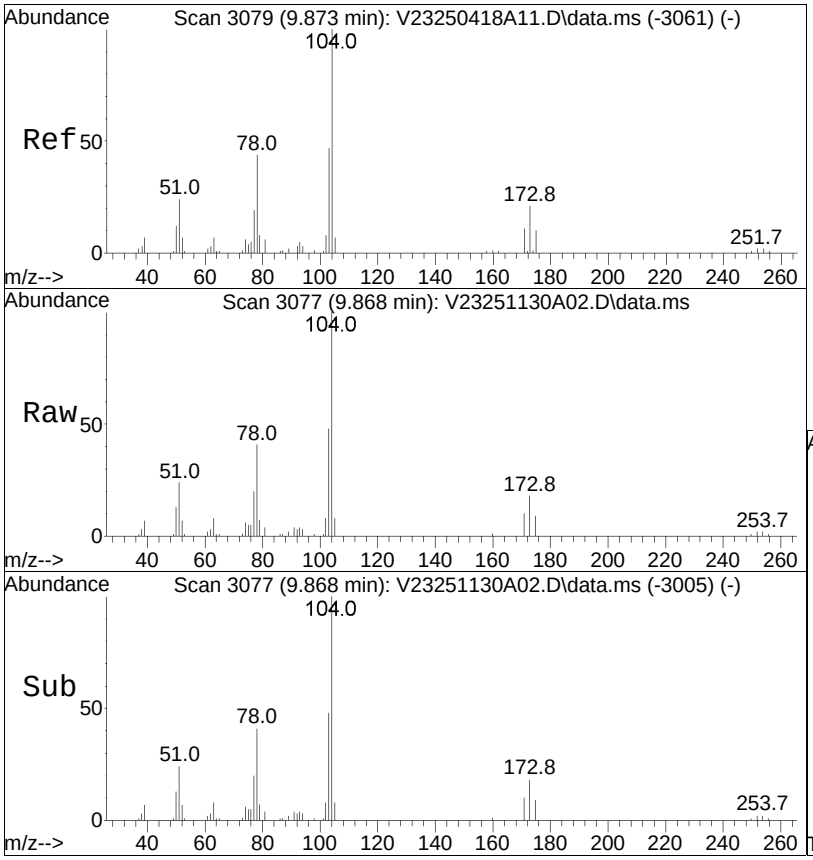


#78
Styrene
Concen: 85.37 ug/L
RT: 9.854 min Scan# 3072
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:104 Resp: 707885

Ion	Ratio	Lower	Upper
104	100		
78	42.7	33.8	50.6

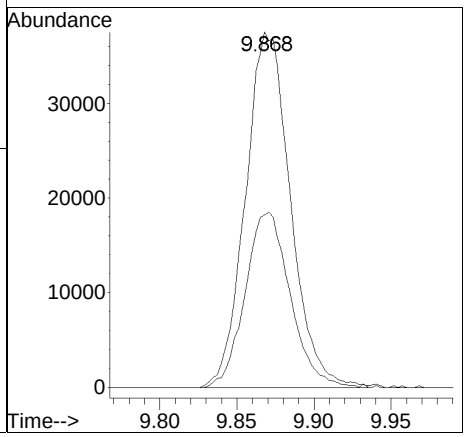


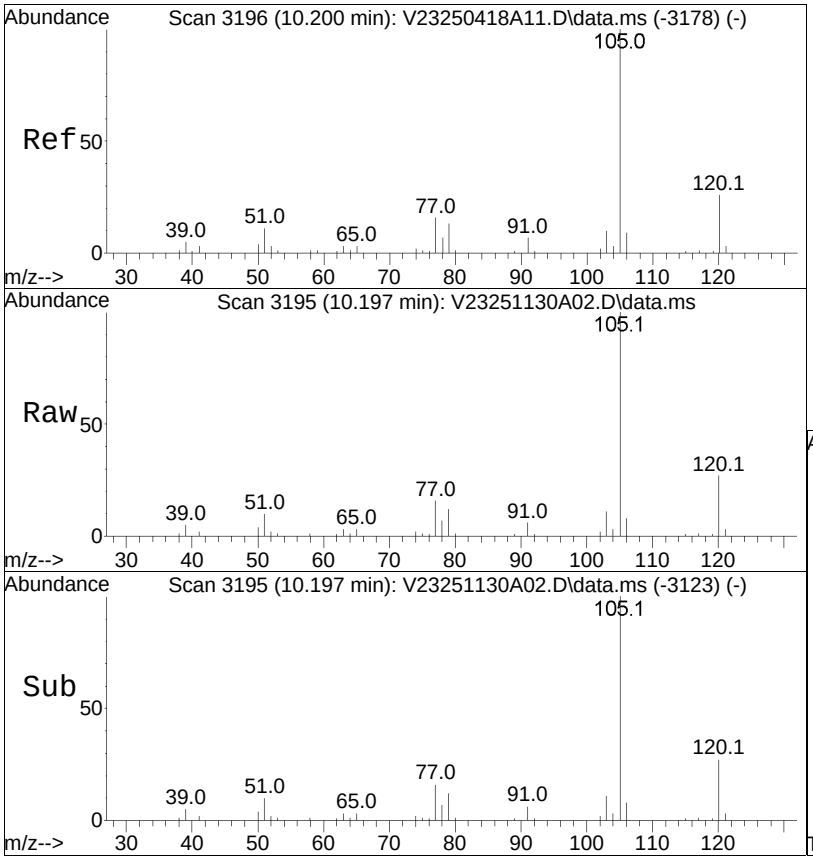


#80
Bromoform
Concen: 40.92 ug/L
RT: 9.868 min Scan# 3077
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:173 Resp: 76243

Ion	Ratio	Lower	Upper
173	100		
175	49.3	28.7	68.7

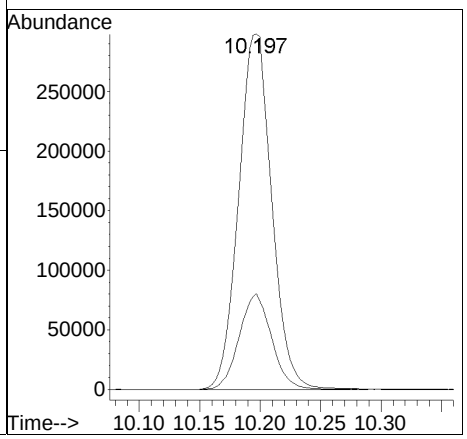


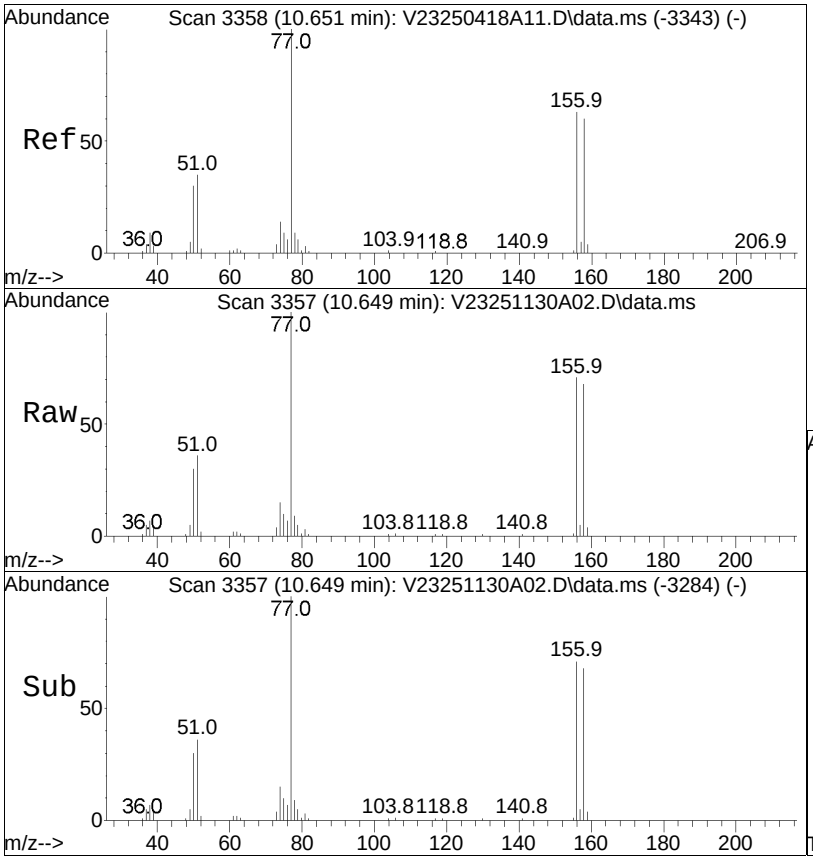


#82
Isopropylbenzene
Concen: 44.08 ug/L
RT: 10.197 min Scan# 3195
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:105 Resp: 567200

Ion	Ratio	Lower	Upper
105	100		
120	26.3	6.6	46.6

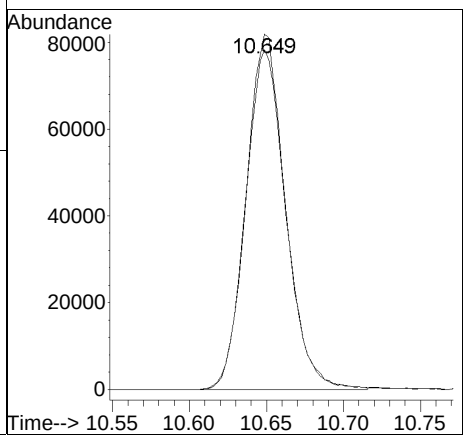


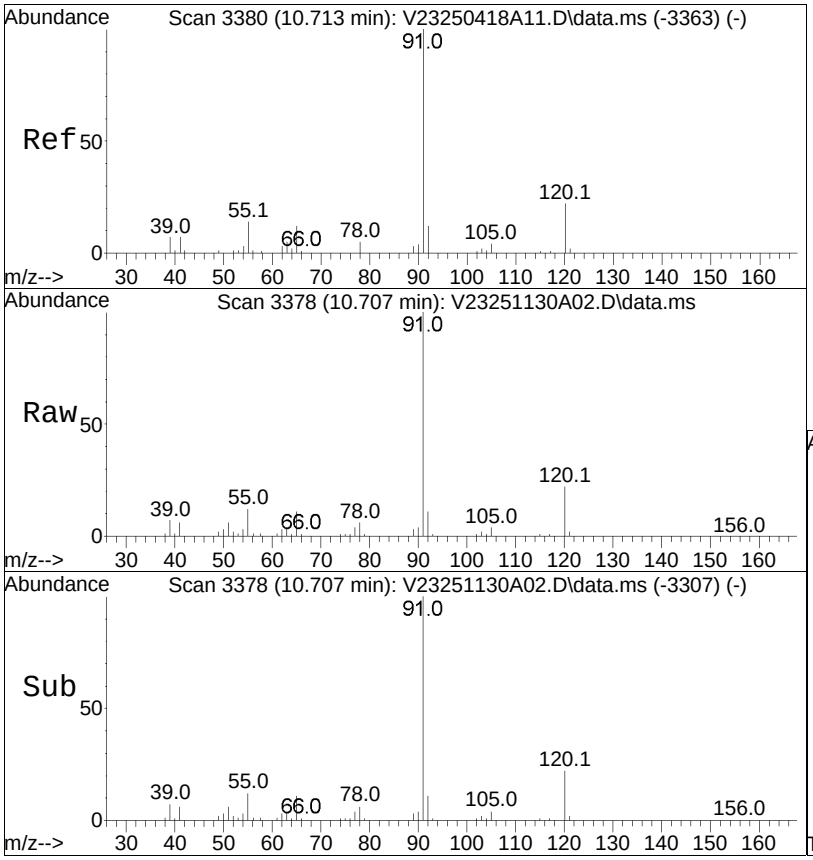


#84
Bromobenzene
Concen: 41.93 ug/L
RT: 10.649 min Scan# 3357
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:156 Resp: 145445

Ion	Ratio	Lower	Upper
156	100		
158	97.3	77.7	116.5

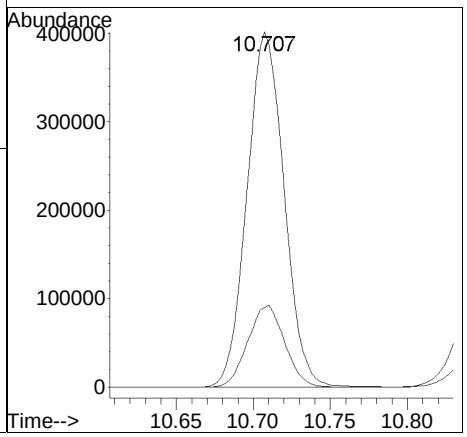


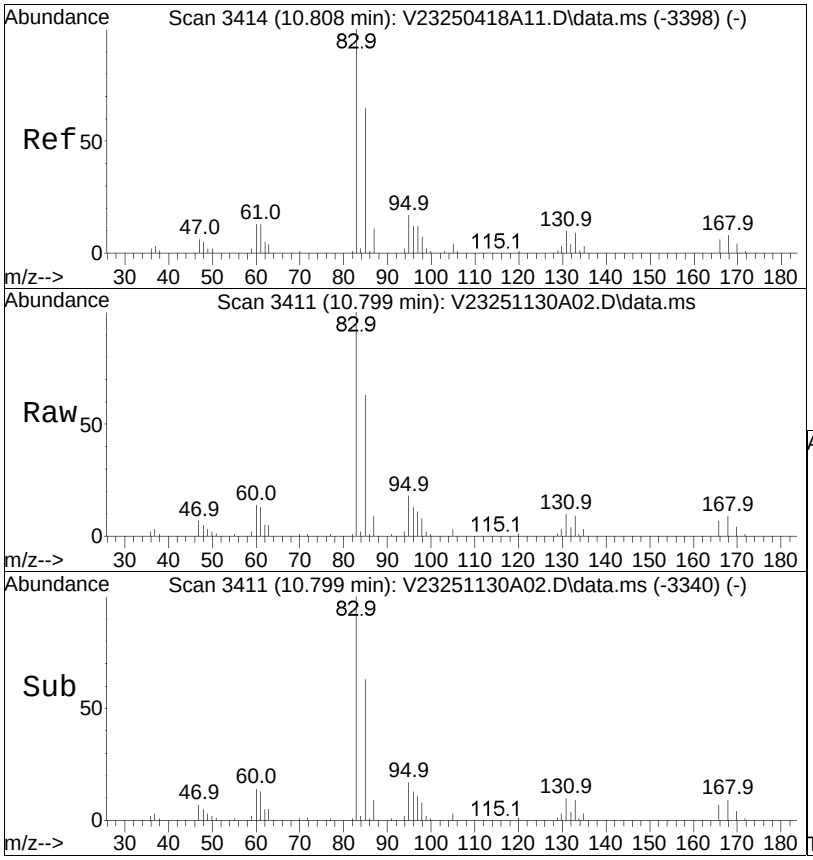


#85
n-Propylbenzene
Concen: 43.73 ug/L
RT: 10.707 min Scan# 3378
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 91 Resp: 669864

Ion	Ratio	Lower	Upper
91	100		
120	23.1	18.2	27.2

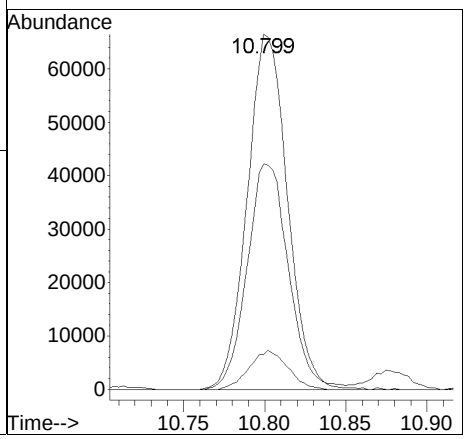


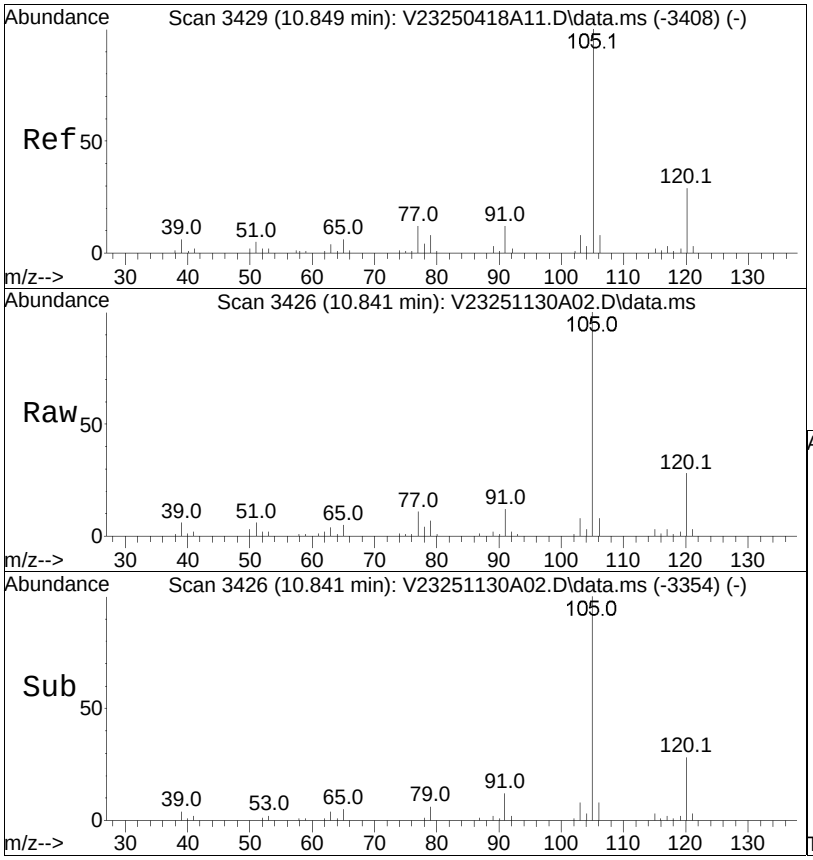


#87
1,1,2,2-Tetrachloroethane
Concen: 40.48 ug/L
RT: 10.799 min Scan# 3411
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 83 Resp: 114617

Ion	Ratio	Lower	Upper
83	100		
131	10.5	0.0	30.1
85	65.3	45.1	85.1

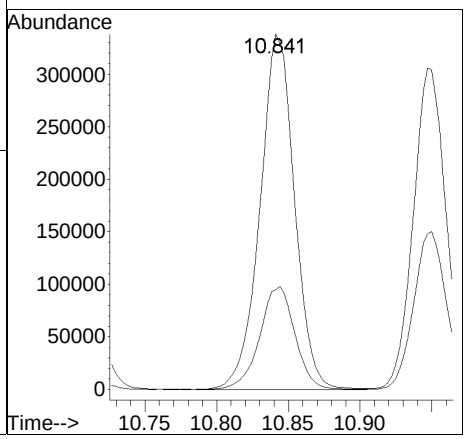


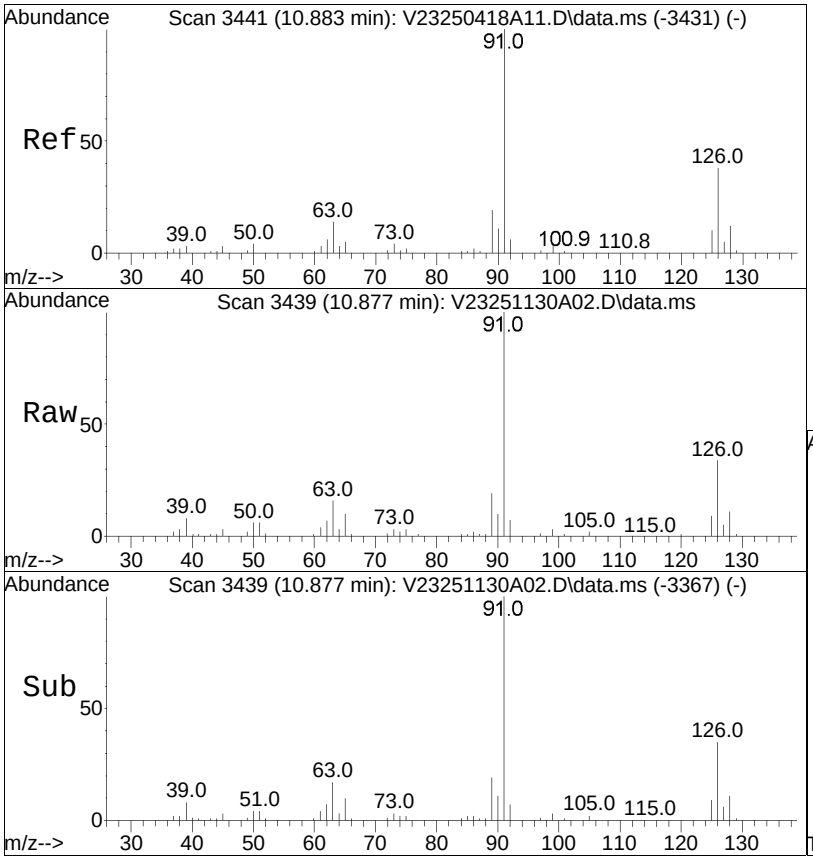


#88
4-Ethyltoluene
Concen: 44.37 ug/L
RT: 10.841 min Scan# 3426
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:105 Resp: 565561

Ion	Ratio	Lower	Upper
105	100		
120	29.6	19.4	40.4

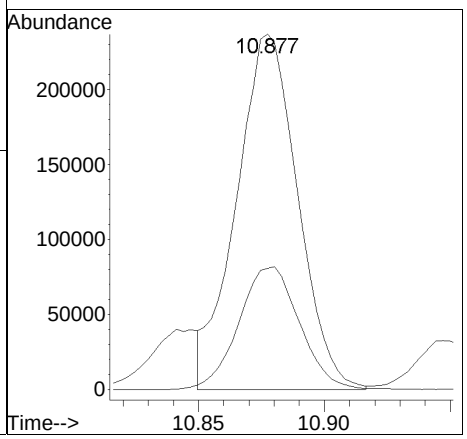


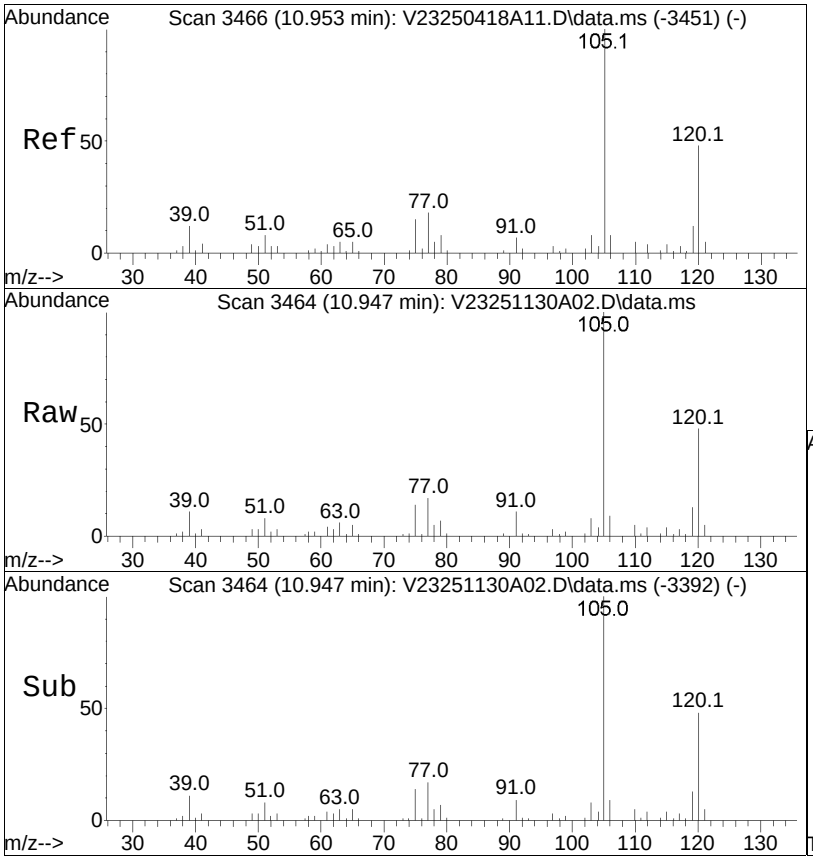


#89
2-Chlorotoluene
Concen: 42.01 ug/L M6
RT: 10.877 min Scan# 3439
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 91 Resp: 401741

Ion	Ratio	Lower	Upper
91	100		
126	34.1	26.7	40.1

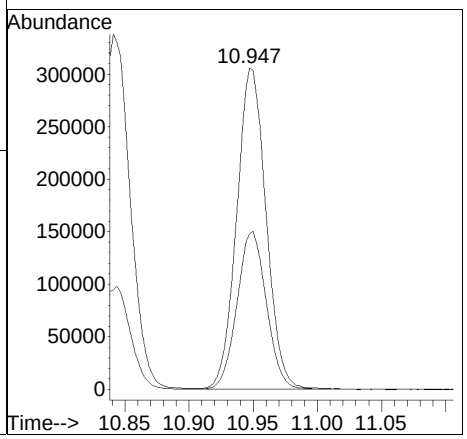


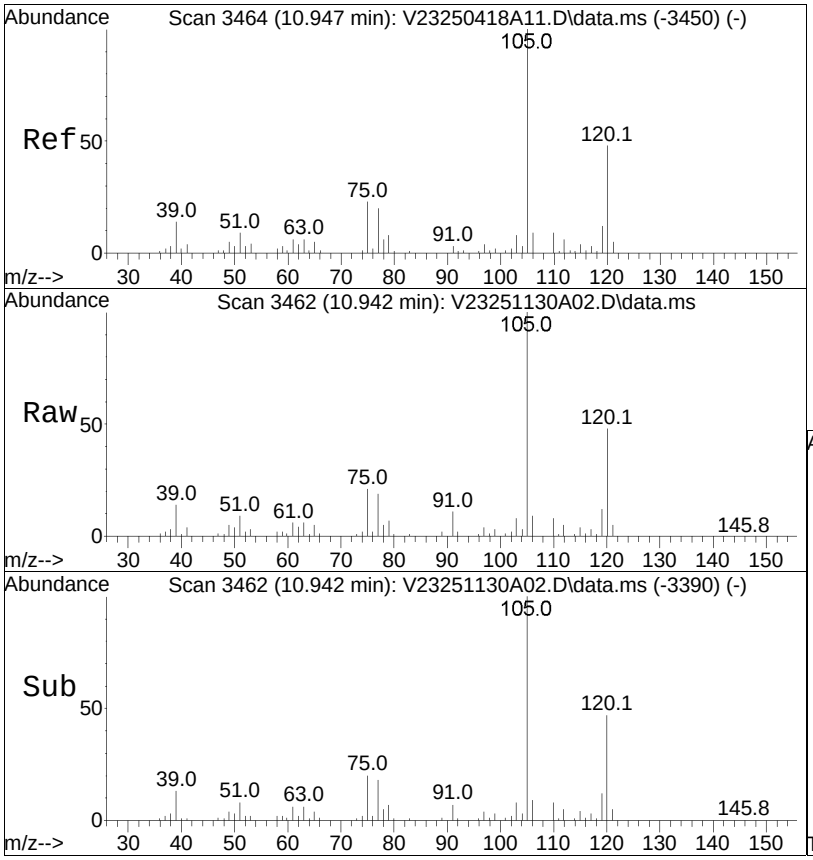


#90
1,3,5-Trimethylbenzene
Concen: 43.06 ug/L
RT: 10.947 min Scan# 3464
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:105 Resp: 486891

Ion	Ratio	Lower	Upper
105	100		
120	48.9	39.9	59.9

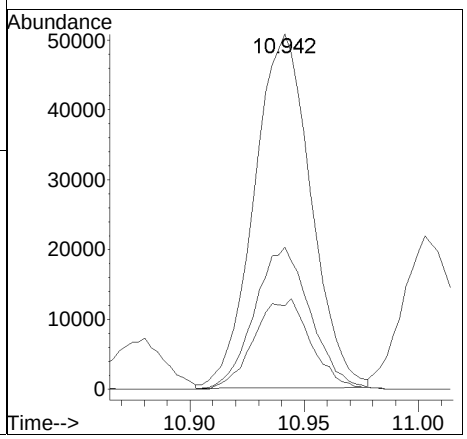


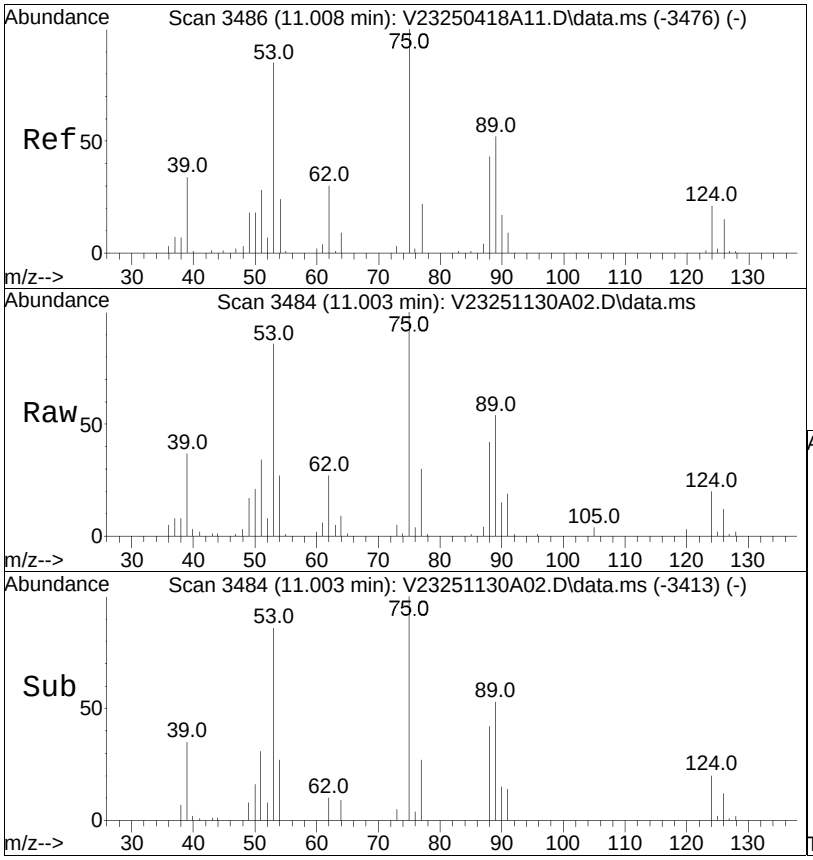


#91
1,2,3-Trichloropropane
Concen: 39.14 ug/L
RT: 10.942 min Scan# 3462
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 75 Resp: 87614

Ion	Ratio	Lower	Upper
75	100		
110	39.7	24.6	51.0
112	25.6	15.7	32.5

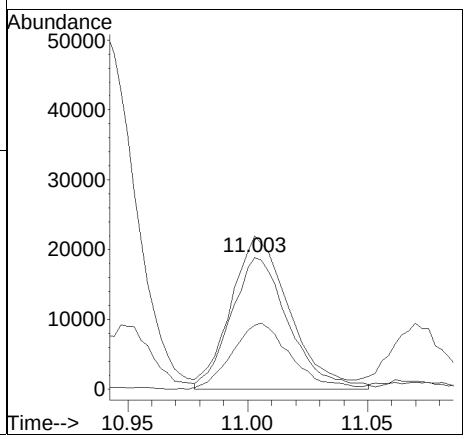


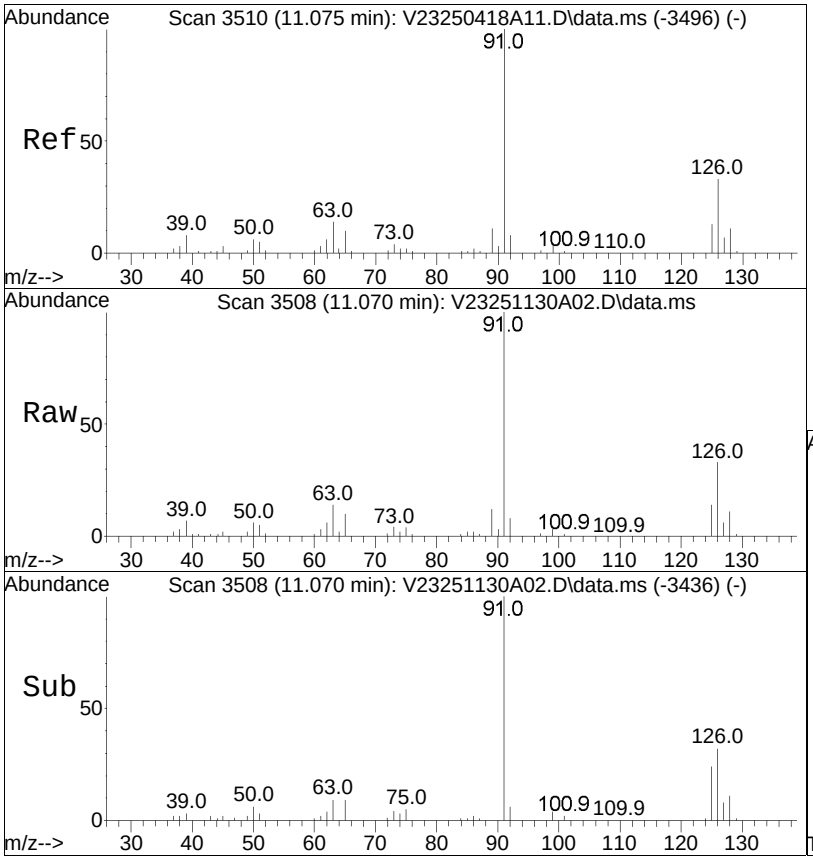


#92
trans-1,4-Dichloro-2-butene
Concen: 40.20 ug/L M4
RT: 11.003 min Scan# 3484
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 53 Resp: 31796

Ion	Ratio	Lower	Upper
53	100		
88	51.0	45.1	67.7
75	112.0	116.5	174.7#

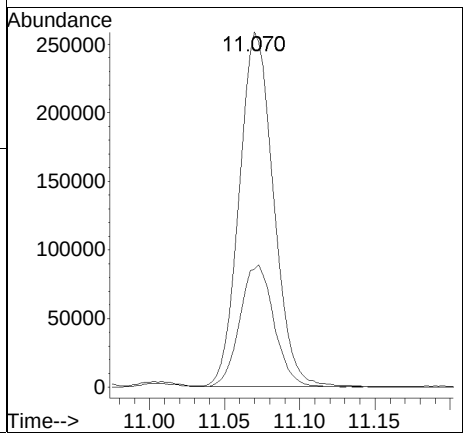


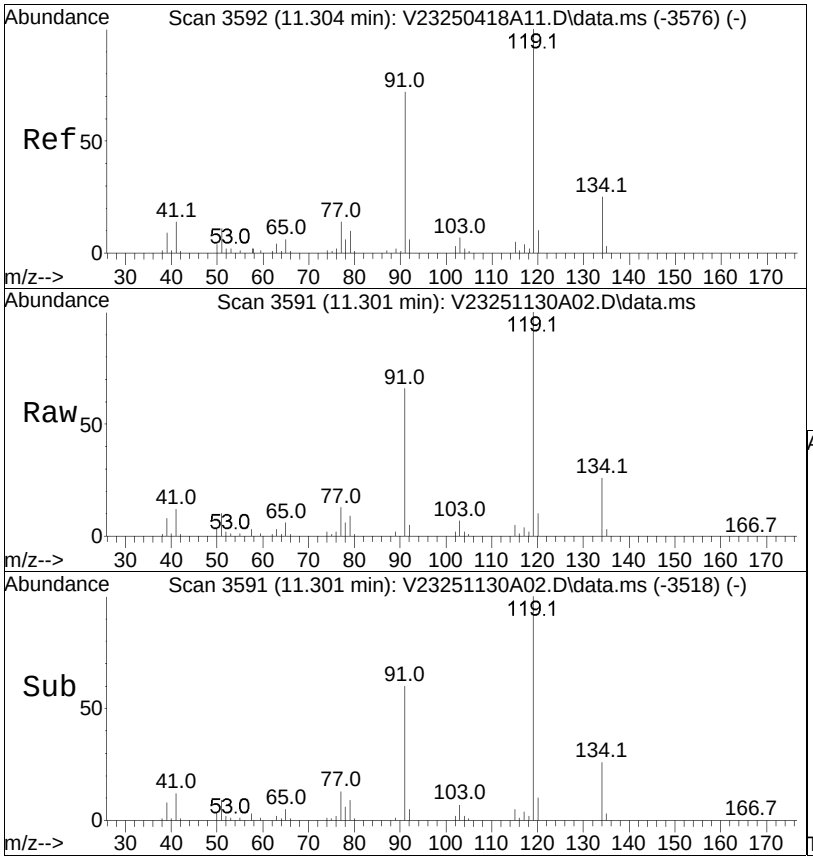


#93
4-Chlorotoluene
Concen: 41.85 ug/L
RT: 11.070 min Scan# 3508
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 91 Resp: 406779

Ion	Ratio	Lower	Upper
91	100		
126	34.8	26.9	40.3

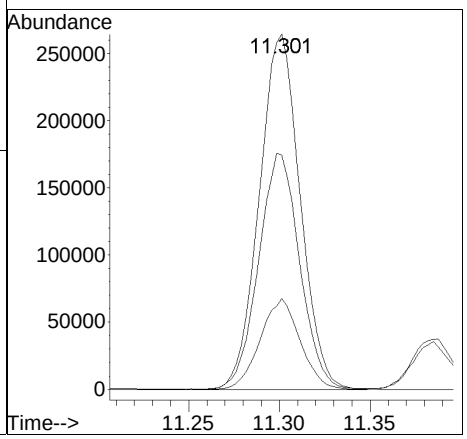


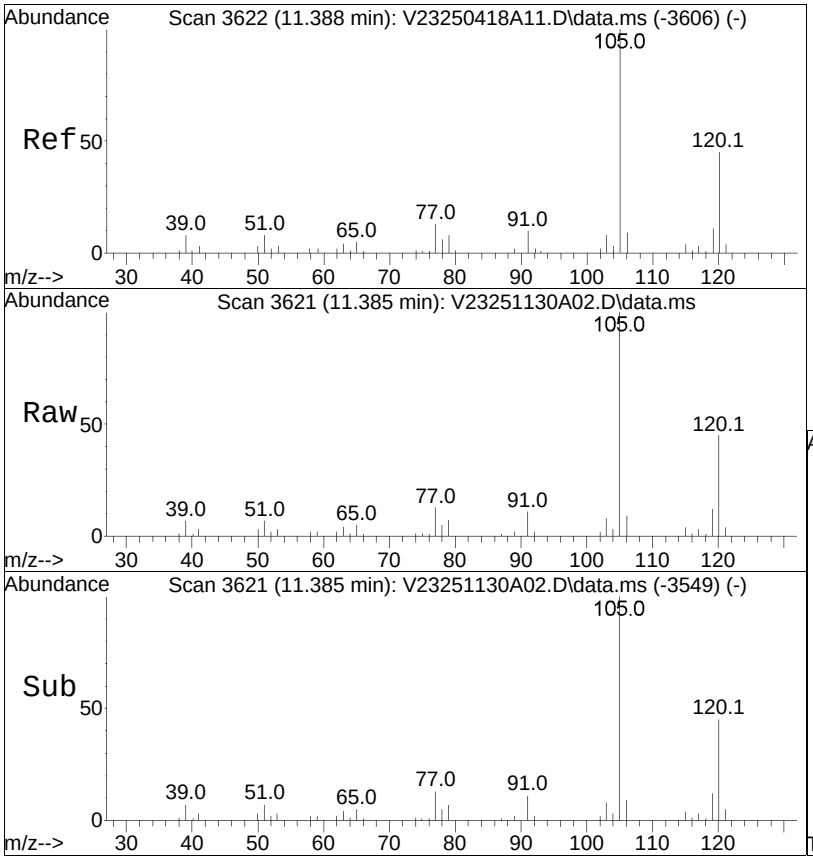


#94
tert-Butylbenzene
Concen: 43.83 ug/L
RT: 11.301 min Scan# 3591
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:119 Resp: 414917

Ion	Ratio	Lower	Upper
119	100		
91	66.9	53.1	79.7
134	24.9	20.4	30.6

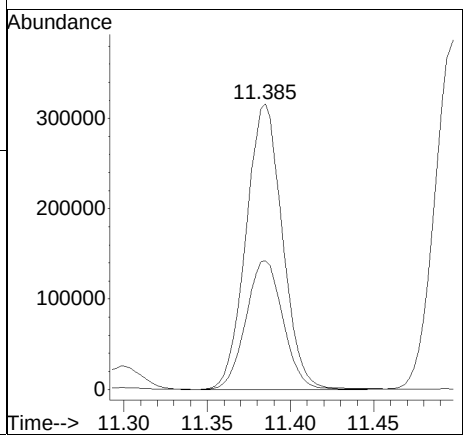


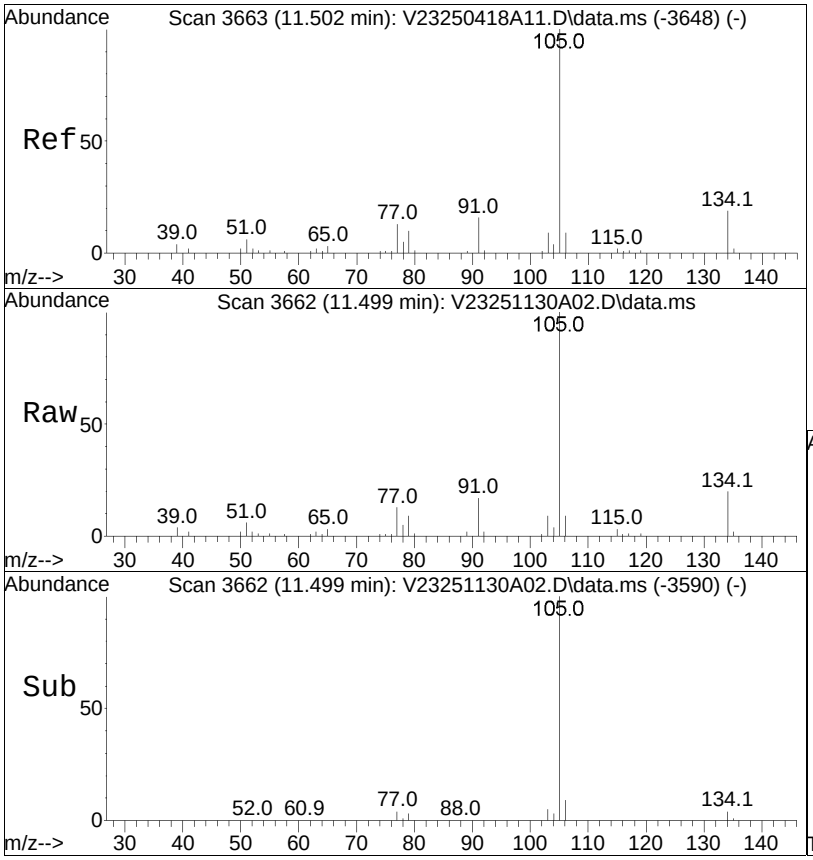


#97
1,2,4-Trimethylbenzene
Concen: 42.74 ug/L
RT: 11.385 min Scan# 3621
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:105 Resp: 480295

Ion	Ratio	Lower	Upper
105	100		
120	45.9	36.9	55.3

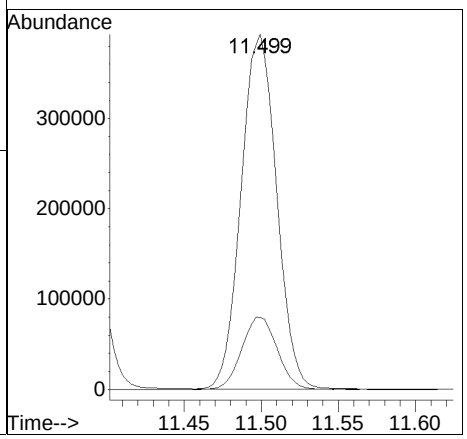


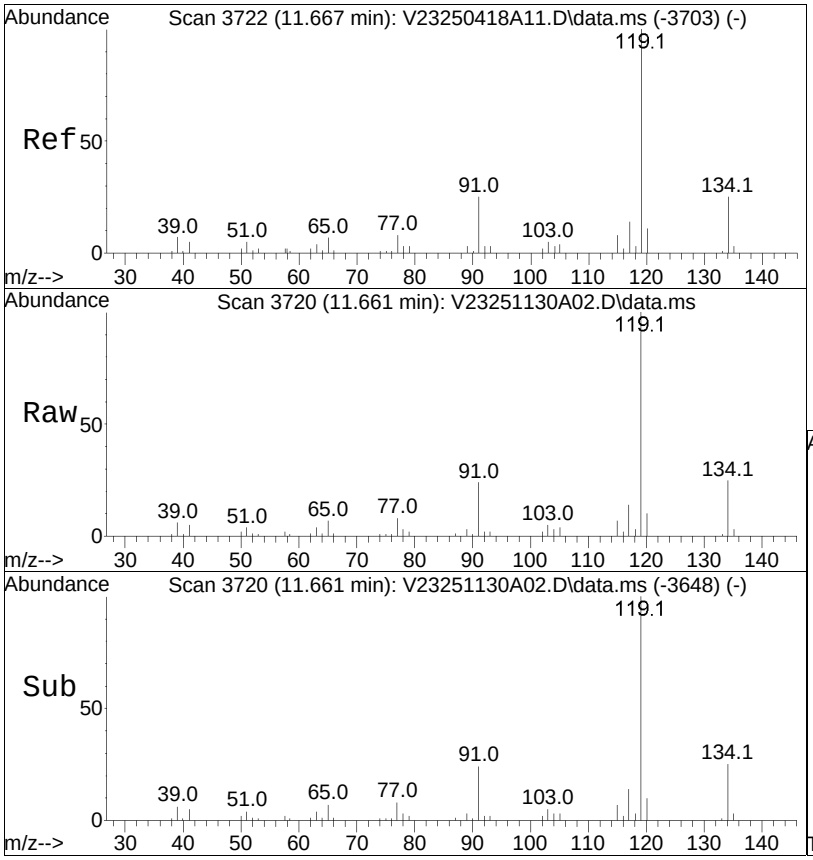


#98
sec-Butylbenzene
Concen: 44.35 ug/L
RT: 11.499 min Scan# 3662
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:105 Resp: 628135

Ion	Ratio	Lower	Upper
105	100		
134	20.3	13.1	27.1

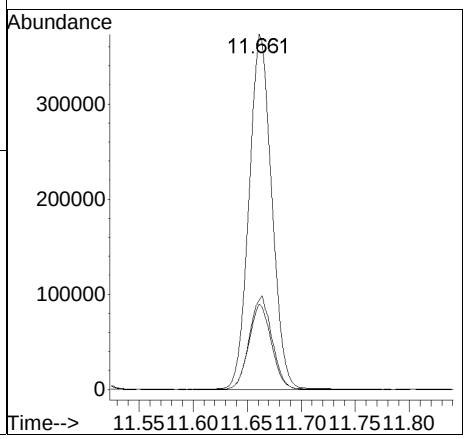


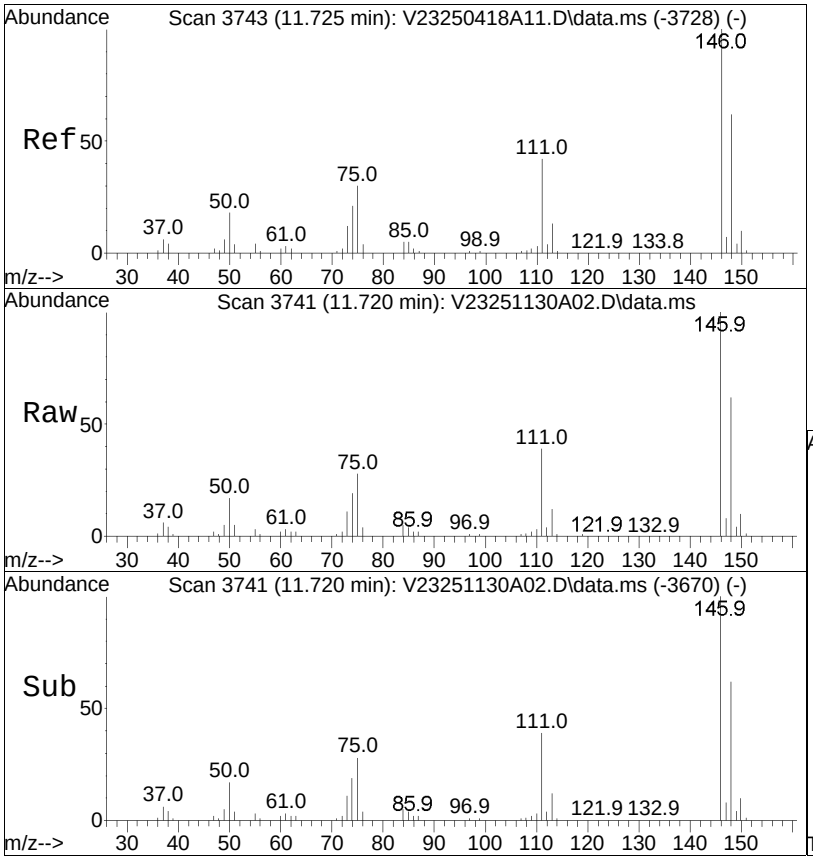


#99
p-Isopropyltoluene
Concen: 44.55 ug/L
RT: 11.661 min Scan# 3720
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:119 Resp: 546365

Ion	Ratio	Lower	Upper
119	100		
134	26.1	17.2	35.6
91	23.7	15.1	31.3

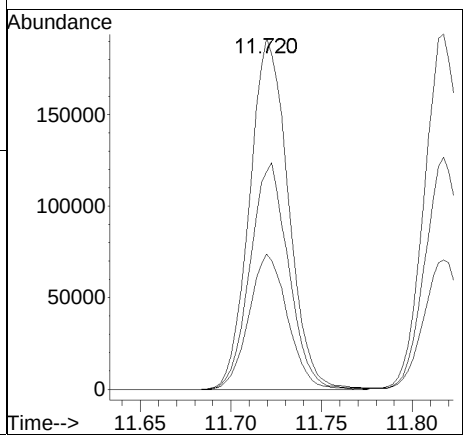


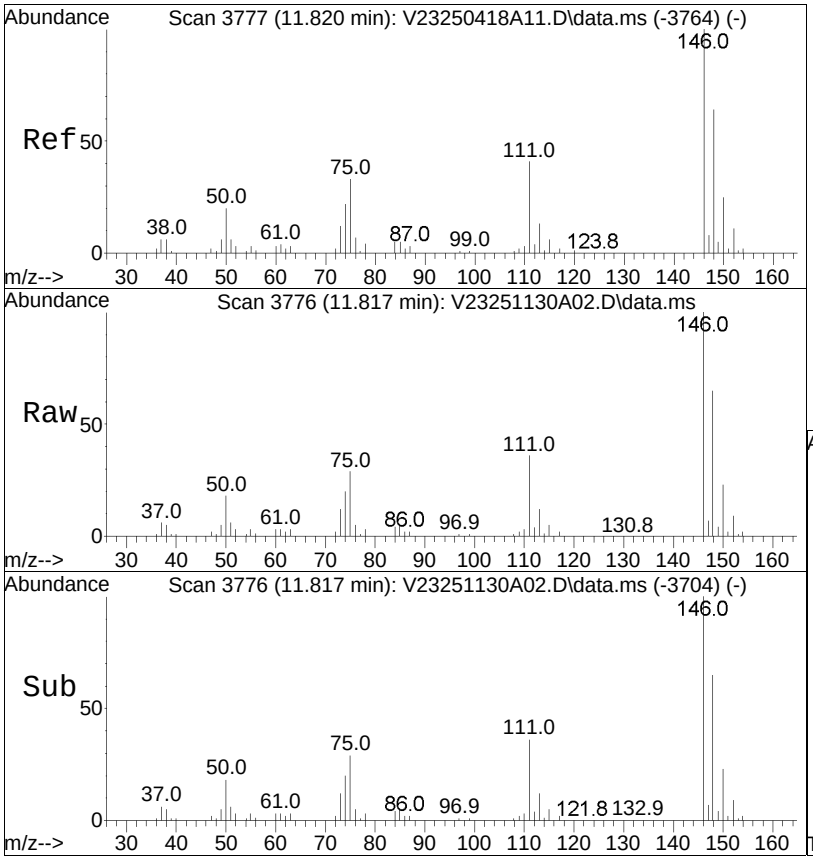


#100
1,3-Dichlorobenzene
Concen: 43.51 ug/L
RT: 11.720 min Scan# 3741
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:146 Resp: 285296

Ion	Ratio	Lower	Upper
146	100		
111	38.5	26.0	54.0
148	64.0	41.4	86.0

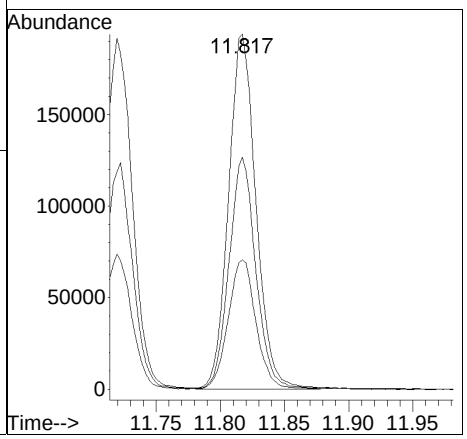


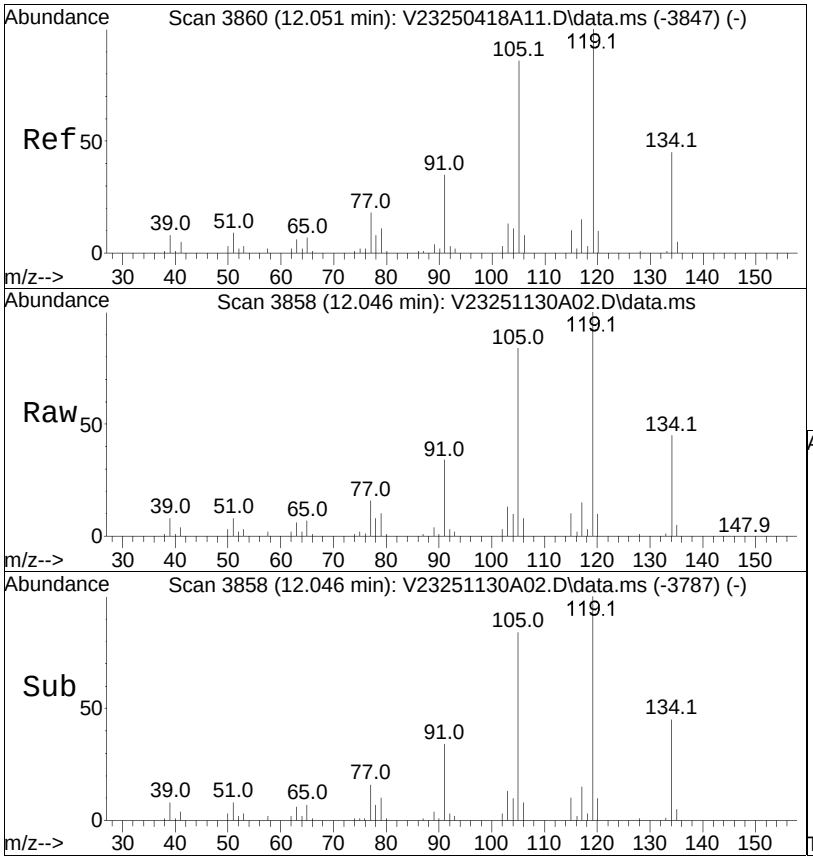


#101
1,4-Dichlorobenzene
Concen: 42.91 ug/L
RT: 11.817 min Scan# 3776
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:146 Resp: 288259

Ion	Ratio	Lower	Upper
146	100		
111	36.8	31.1	46.7
148	63.3	50.8	76.2

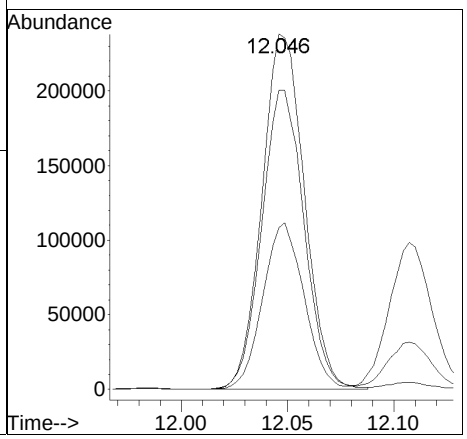


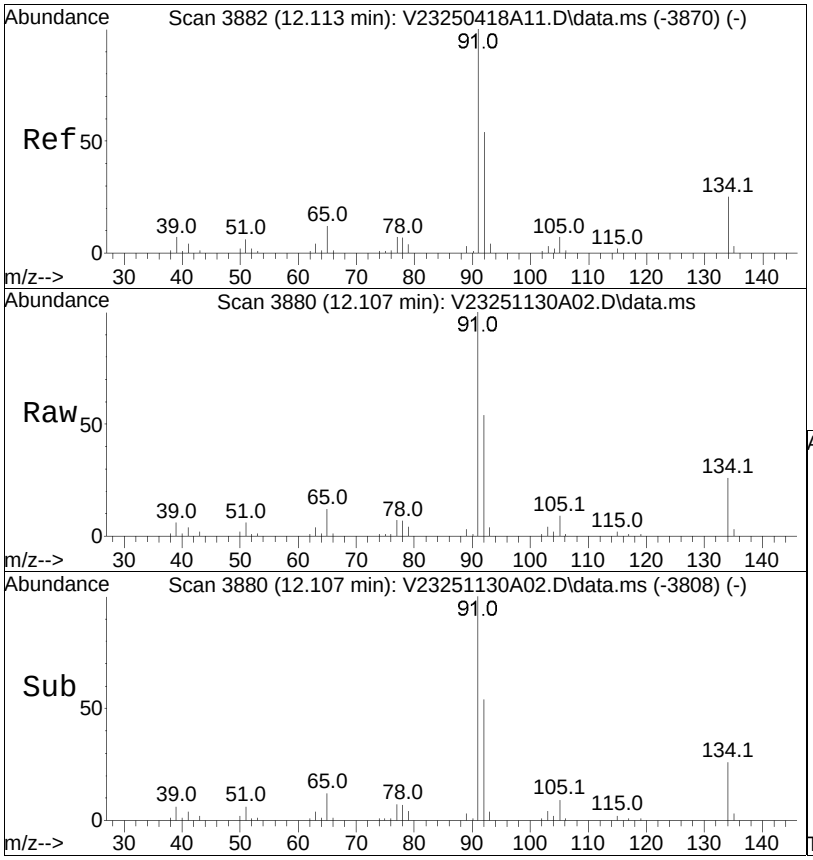


#102
p-Diethylbenzene
Concen: 45.53 ug/L
RT: 12.046 min Scan# 3858
Delta R.T. -0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:119 Resp: 330607

Ion	Ratio	Lower	Upper
119	100		
105	83.9	55.1	114.5
134	45.6	30.0	62.2

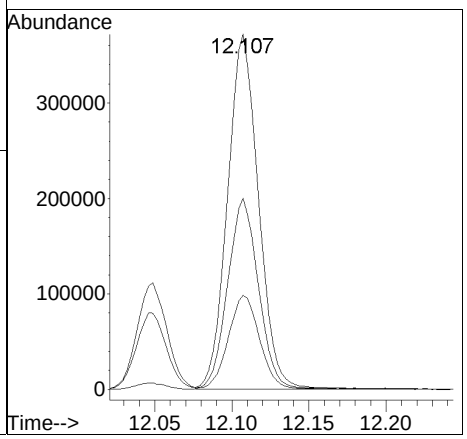


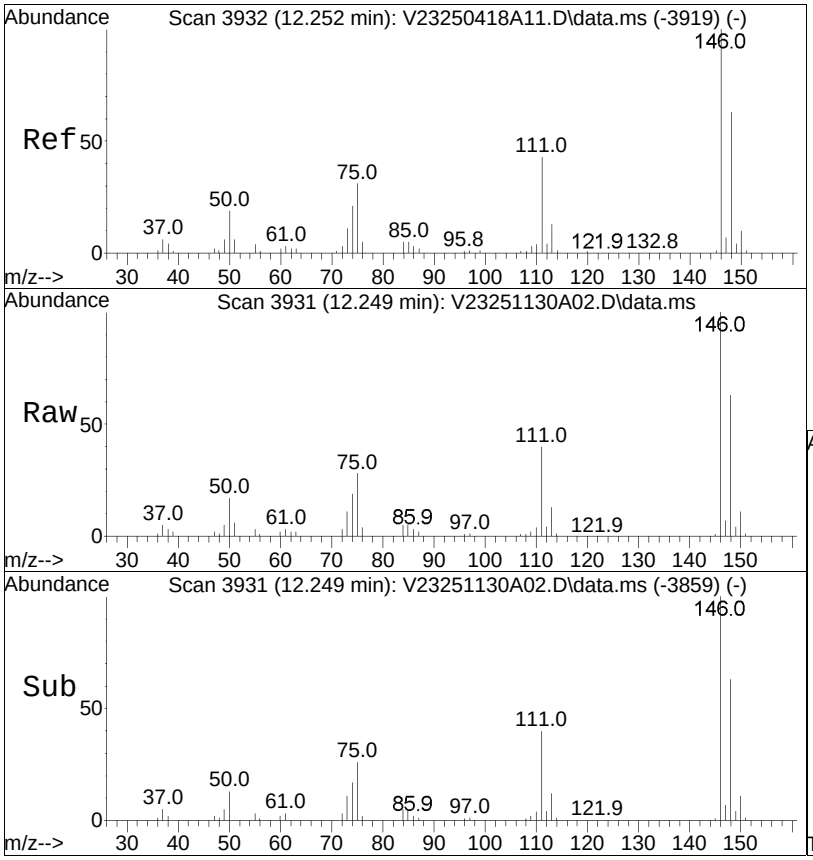


#103
n-Butylbenzene
Concen: 47.07 ug/L
RT: 12.107 min Scan# 3880
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion: 91 Resp: 517926

Ion	Ratio	Lower	Upper
91	100		
92	53.5	44.2	66.4
134	26.8	21.2	31.8

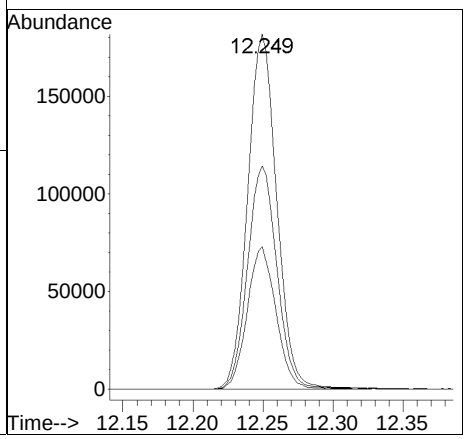


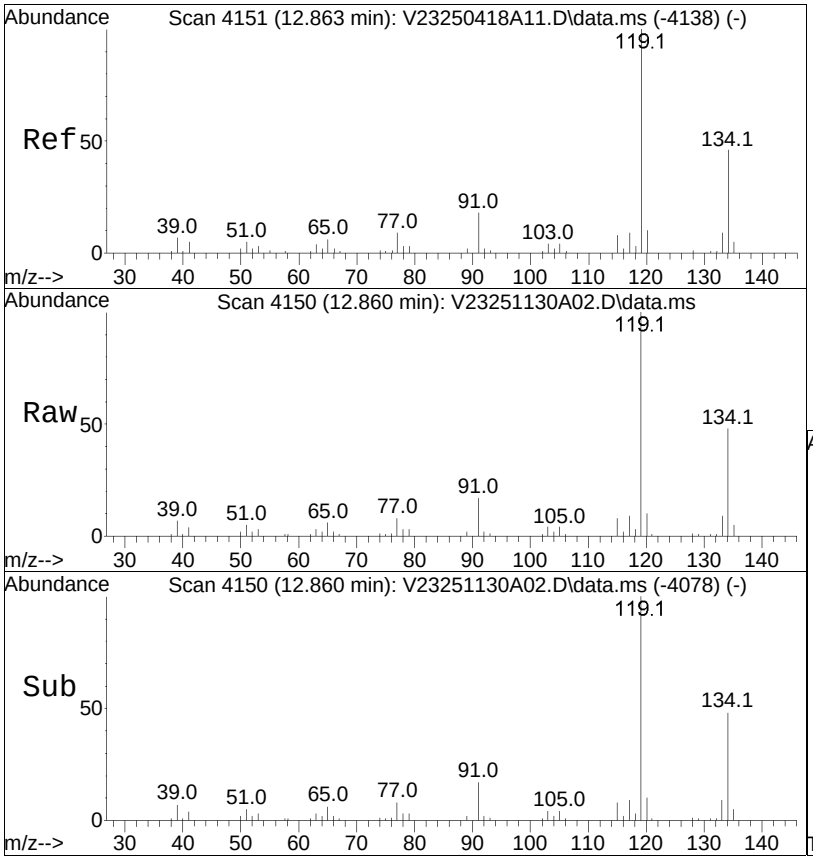


#104
1,2-Dichlorobenzene
Concen: 42.94 ug/L
RT: 12.249 min Scan# 3931
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:146 Resp: 263950

Ion	Ratio	Lower	Upper
146	100		
111	39.9	26.8	55.8
148	63.6	41.3	85.7

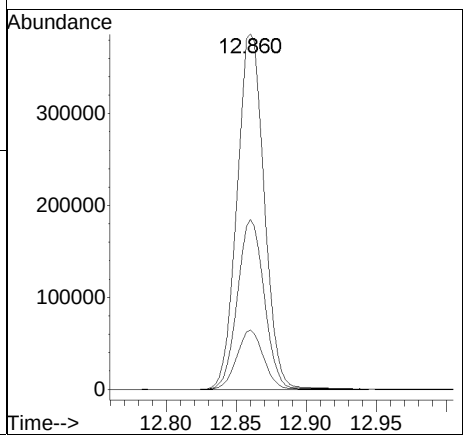


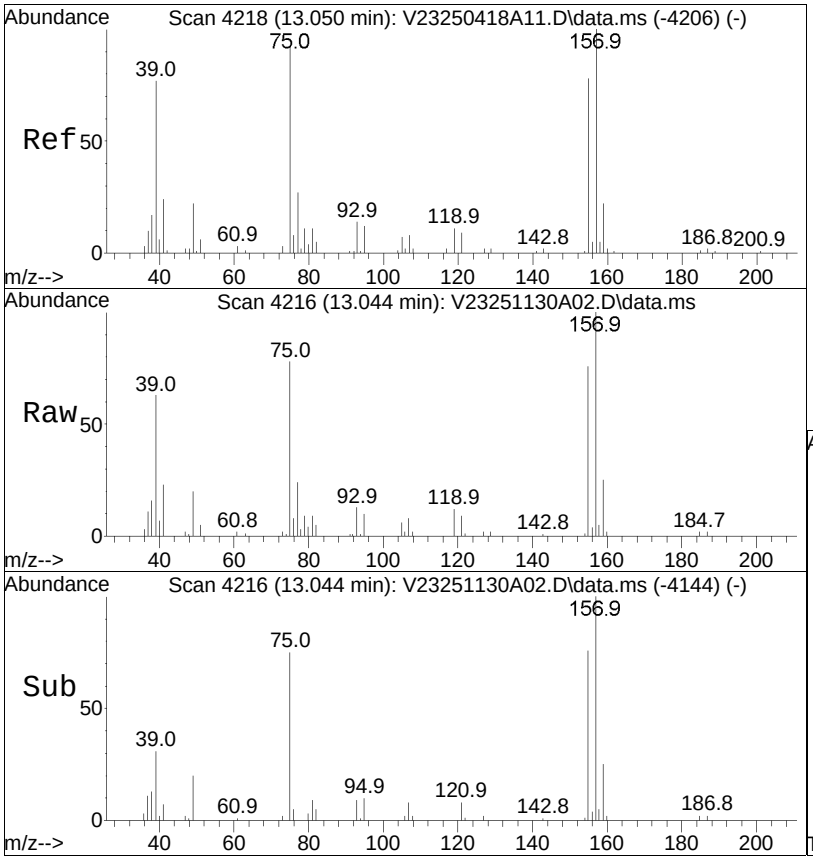


#105
1,2,4,5-Tetramethylbenzene
Concen: 44.19 ug/L
RT: 12.860 min Scan# 4150
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:119 Resp: 522484

Ion	Ratio	Lower	Upper
119	100		
134	47.3	31.3	64.9
91	16.4	10.3	21.3

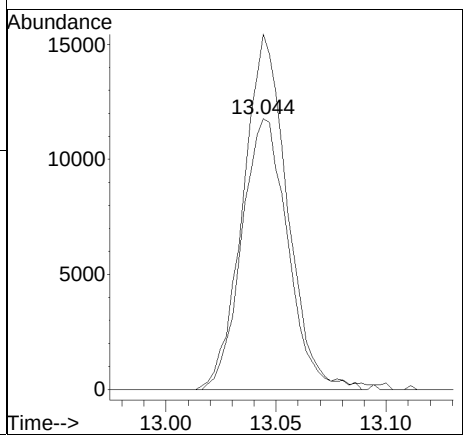


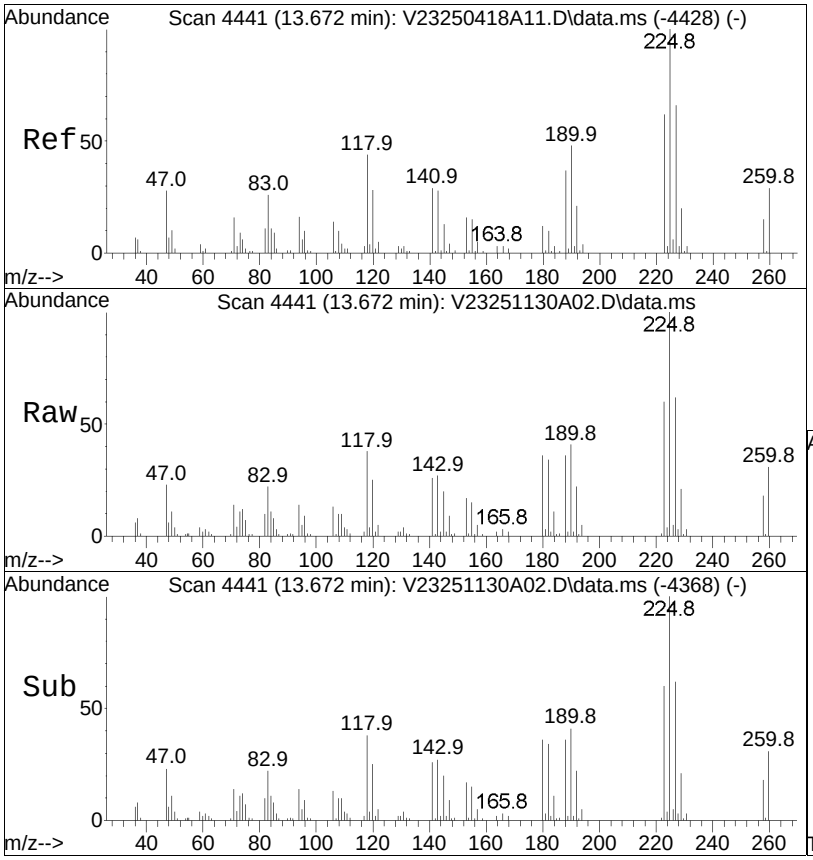


#106
1,2-Dibromo-3-chloropropane
Concen: 39.50 ug/L
RT: 13.044 min Scan# 4216
Delta R.T. 0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:155 Resp: 17113

Ion	Ratio	Lower	Upper
155	100		
157	126.8	101.5	152.3

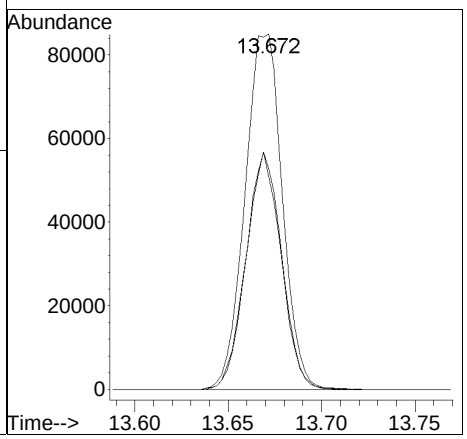


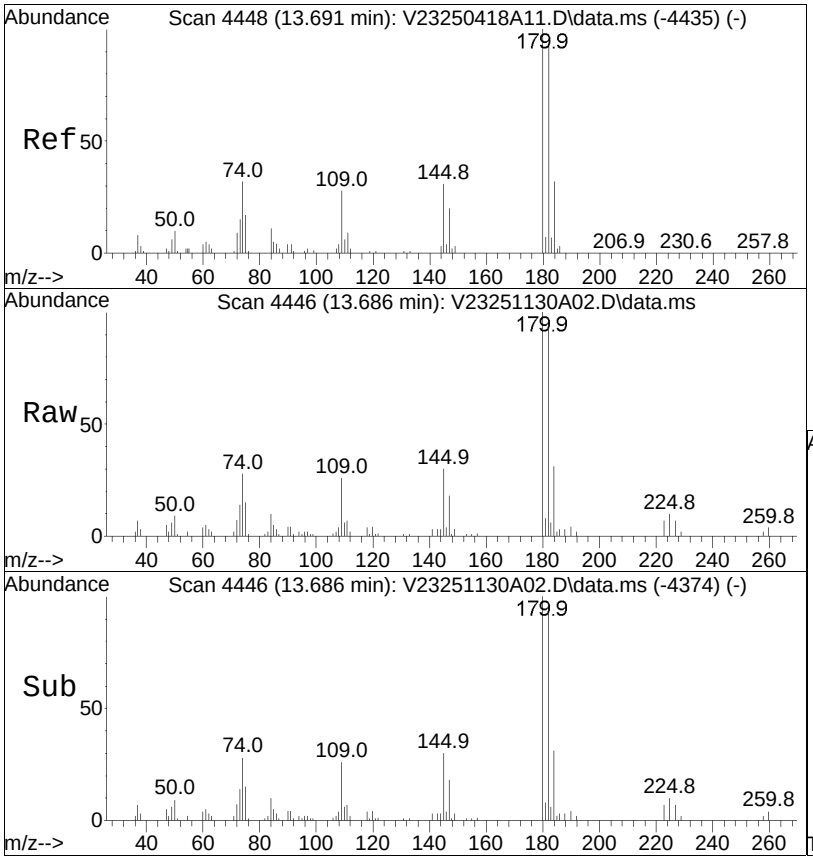


#108
Hexachlorobutadiene
Concen: 47.12 ug/L
RT: 13.672 min Scan# 4441
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:225 Resp: 118481

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.9	74.9
227	63.5	50.7	76.1

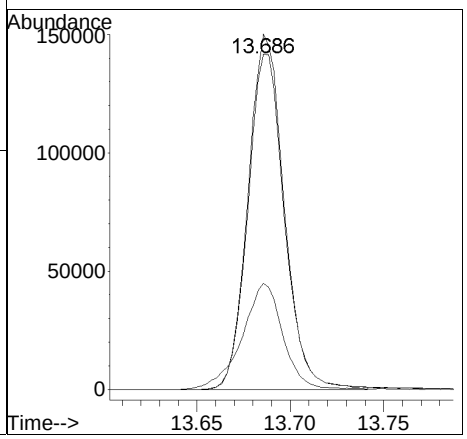


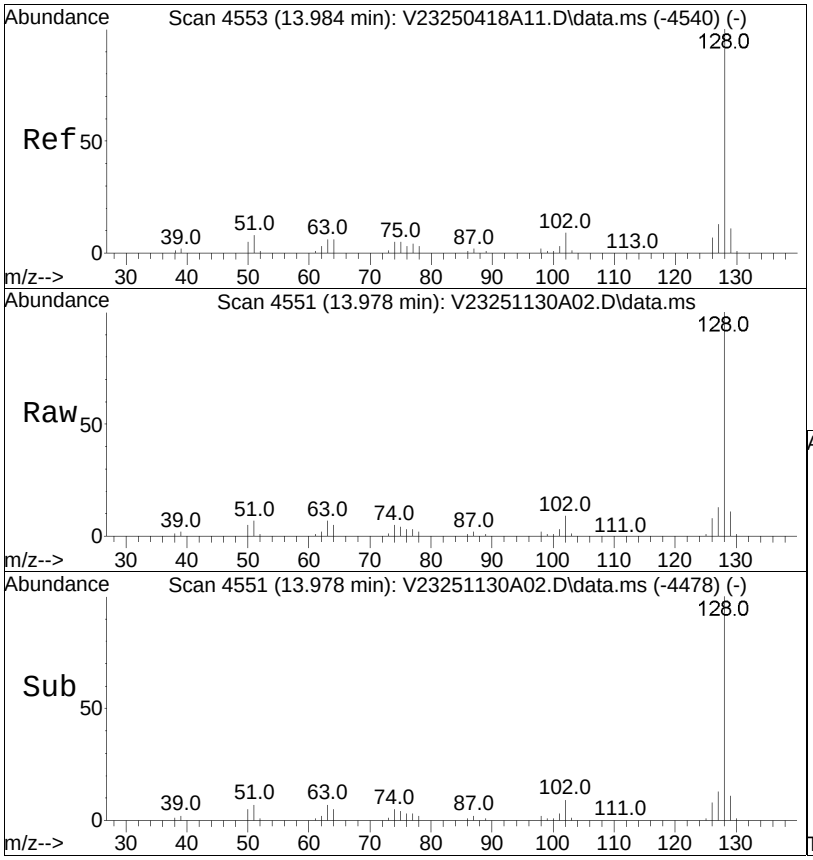


#109
1,2,4-Trichlorobenzene
Concen: 45.52 ug/L
RT: 13.686 min Scan# 4446
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:180 Resp: 201645

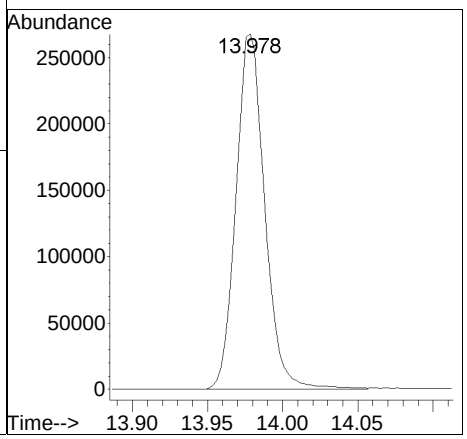
Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.2	114.4
145	33.9	27.4	41.2

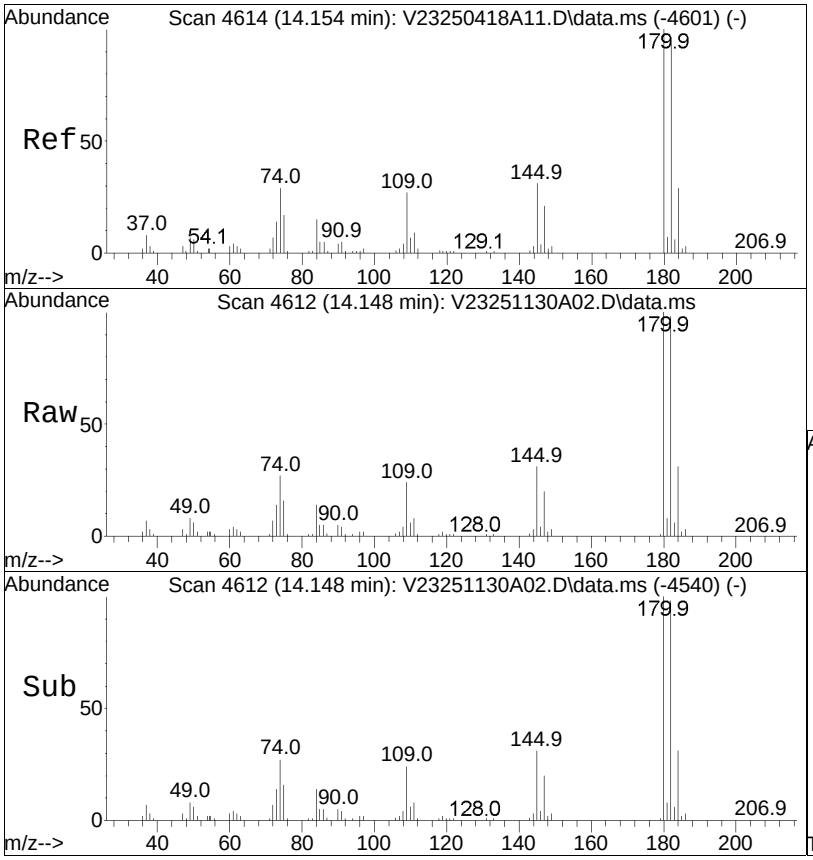




#110
Naphthalene
Concen: 42.11 ug/L
RT: 13.978 min Scan# 4551
Delta R.T. 0.003 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:128 Resp: 357504

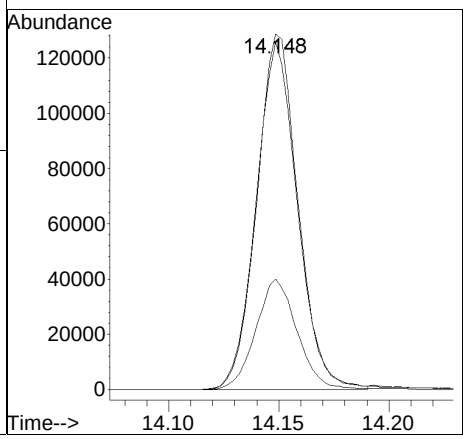




#111
1,2,3-Trichlorobenzene
Concen: 44.48 ug/L
RT: 14.148 min Scan# 4612
Delta R.T. -0.000 min
Lab File: V23251130A02.D
Acq: 30 Nov 2025 05:05 pm

Tgt Ion:180 Resp: 168707

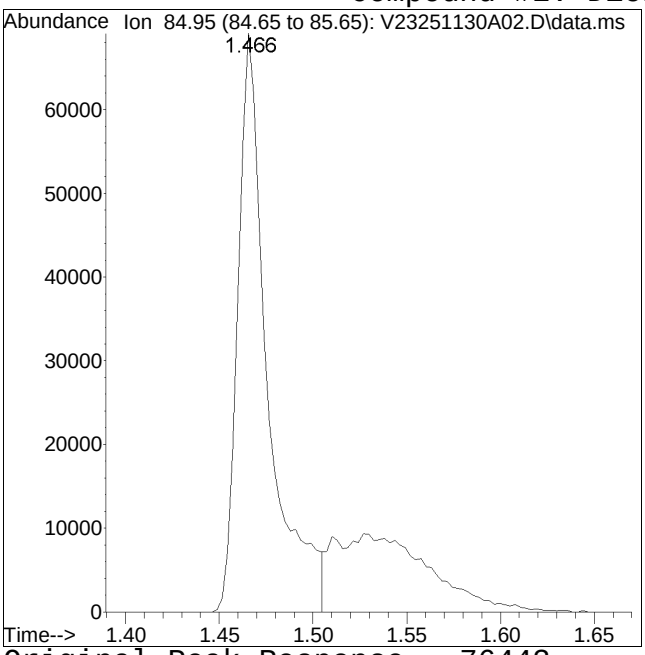
Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.4	113.0
145	31.0	25.2	37.8



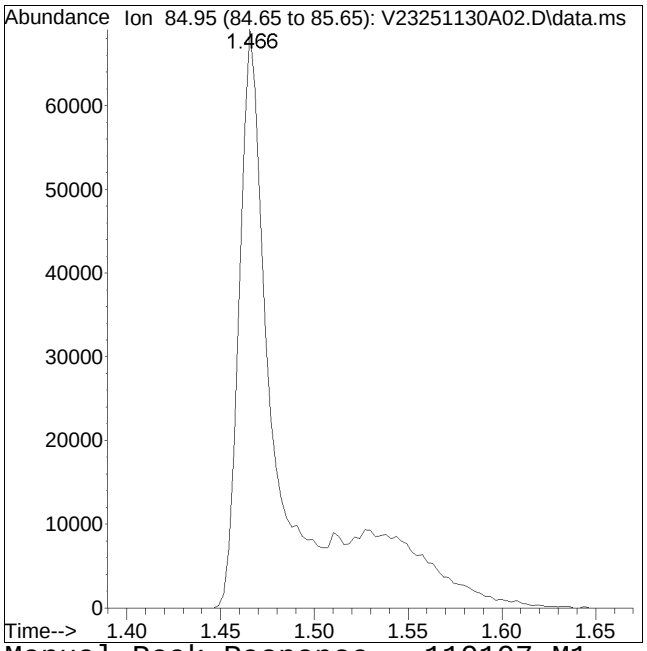
Manual Integration Report

Data Path : K:\VOA123\2025\251130A\ QMethod : V123_251103N_8260.m
Data File : V23251130A02.D Operator : VOA123:RAW
Date Inj'd : 11/30/2025 5:05 pm Instrument : VOA123
Sample : WG2147799-4,31h,15,15,0.1 Quant Date : 11/30/2025 5:37 pm

Compound #2: Dichlorodifluoromethane



Original Peak Response = 76443



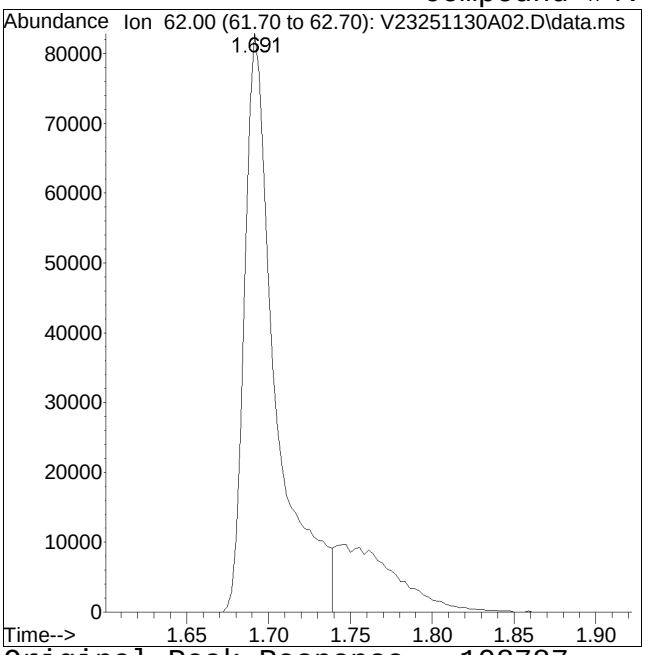
Manual Peak Response = 110107 M1

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

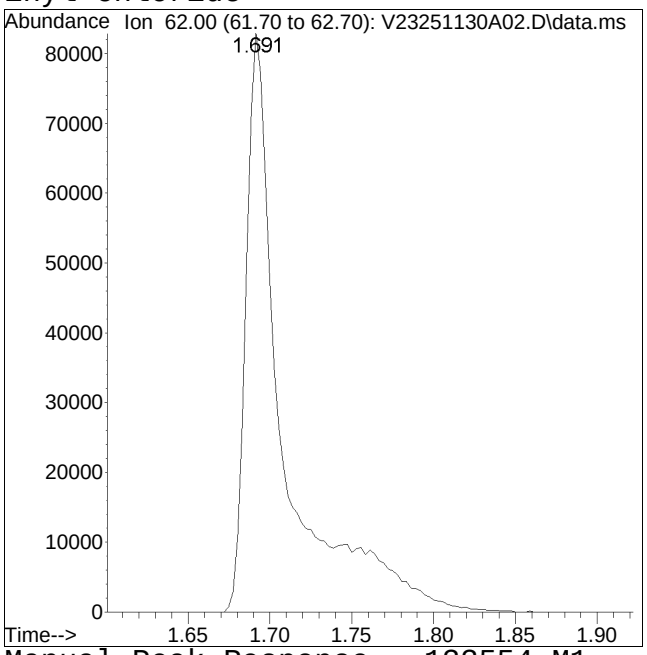
Manual Integration Report

Data Path : K:\VOA123\2025\251130A\ QMethod : V123_251103N_8260.m
Data File : V23251130A02.D Operator : VOA123:RAW
Date Inj'd : 11/30/2025 5:05 pm Instrument : VOA123
Sample : WG2147799-4,31h,15,15,0.1 Quant Date : 11/30/2025 5:37 pm

Compound #4: Vinyl chloride



Original Peak Response = 108787



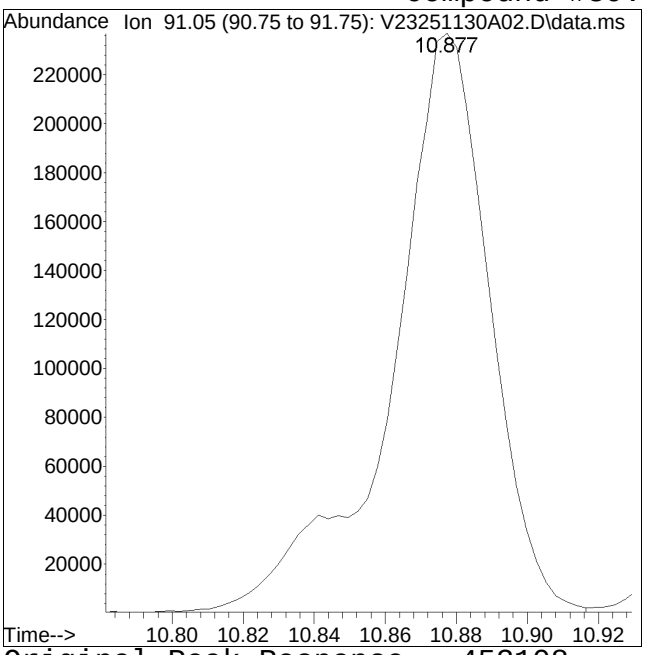
Manual Peak Response = 133554 M1

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

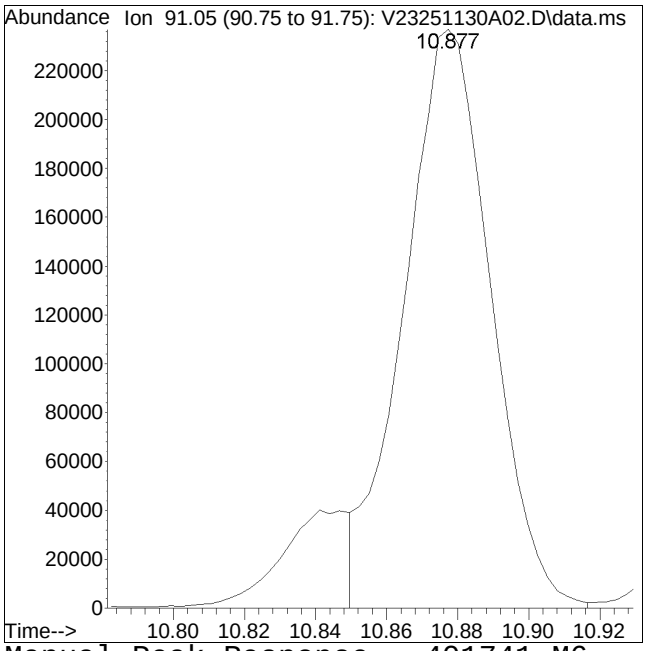
Manual Integration Report

Data Path : K:\VOA123\2025\251130A\ QMethod : V123_251103N_8260.m
Data File : V23251130A02.D Operator : VOA123:RAW
Date Inj'd : 11/30/2025 5:05 pm Instrument : VOA123
Sample : WG2147799-4,31h,15,15,0.1 Quant Date : 11/30/2025 5:37 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 453108



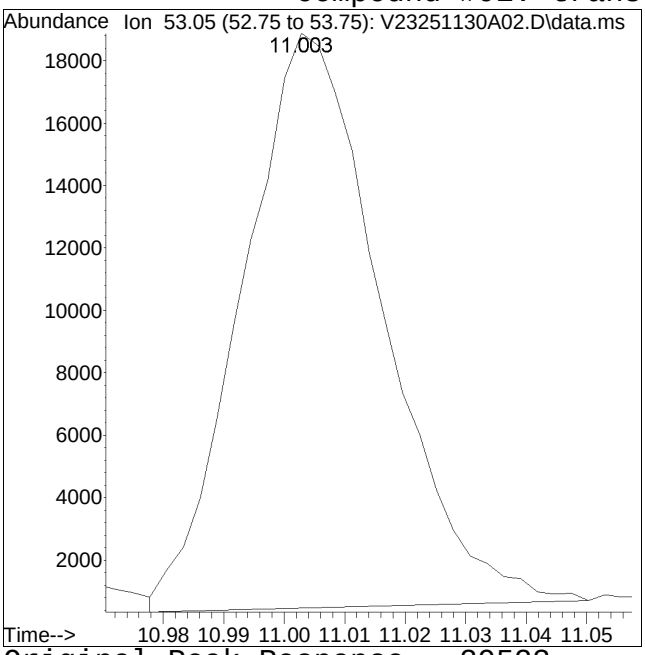
Manual Peak Response = 401741 M6

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

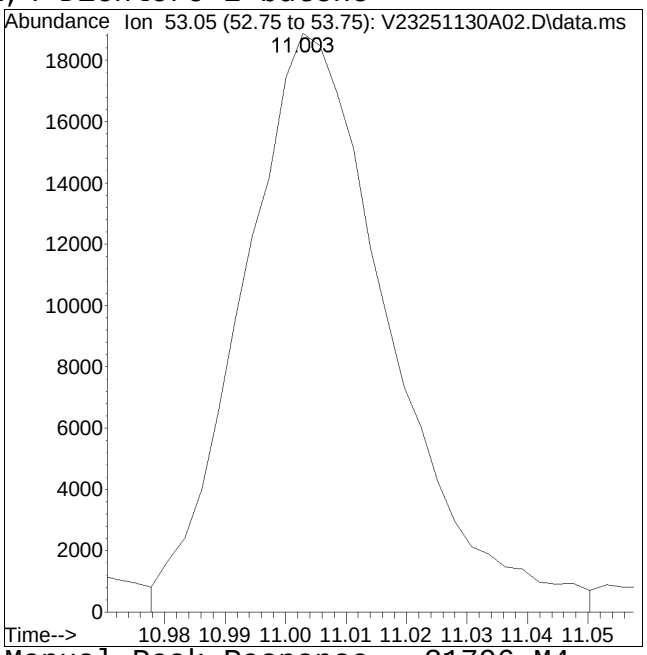
Manual Integration Report

Data Path : K:\VOA123\2025\251130A\ QMethod : V123_251103N_8260.m
Data File : V23251130A02.D Operator : VOA123:RAW
Date Inj'd : 11/30/2025 5:05 pm Instrument : VOA123
Sample : WG2147799-4,31h,15,15,0.1 Quant Date : 11/30/2025 5:37 pm

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 29523



Manual Peak Response = 31796 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A03.D
Acq On : 29 Nov 2025 10:43 am
Operator : VOA123:MNF
Sample : WG2148015-4,31,5,5
Misc : WG2148015,ICAL22792
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 29 11:57:47 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.520	96	201028	20.000 ug/L	0.00
Standard Area 1 = 206936			Recovery = 97.15%		
59) Chlorobenzene-d5	8.989	117	152284	20.000 ug/L	0.00
Standard Area 1 = 154785			Recovery = 98.38%		
79) 1,4-Dichlorobenzene-d4	11.803	152	84635	20.000 ug/L	0.00
Standard Area 1 = 86212			Recovery = 98.17%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.734	113	50376	19.894 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.47%		
43) 1,2-Dichloroethane-d4	5.241	65	48765	18.815 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.08%		
60) Toluene-d8	7.174	98	195939	19.026 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.13%		
83) 4-Bromofluorobenzene	10.540	95	71346	18.856 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.28%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.465	85	118417M1	53.480 ug/L	
3) Chloromethane	1.666	50	117377	48.739 ug/L	97
4) Vinyl chloride	1.691	62	143661M1	54.957 ug/L	
5) Bromomethane	1.962	94	111445	66.652 ug/L	99
6) Chloroethane	2.071	64	94496	52.158 ug/L	99
7) Trichlorofluoromethane	2.190	101	221911M1	56.122 ug/L	
8) Ethyl ether	2.453	74	58778	44.455 ug/L	90
10) 1,1-Dichloroethene	2.628	96	99820	47.716 ug/L	91
11) Carbon disulfide	2.659	76	348022	45.157 ug/L	96
15) Methylene chloride	3.130	84	115418	42.501 ug/L	91
17) Acetone	3.169	43	34181	53.947 ug/L	93
18) trans-1,2-Dichloroethene	3.275	96	112211	45.883 ug/L	94
20) Methyl tert-butyl ether	3.364	73	298004	42.732 ug/L	96
23) 1,1-Dichloroethane	3.819	63	207015	46.032 ug/L	99
25) Acrylonitrile	3.866	53	24834	45.816 ug/L #	90
27) Vinyl acetate	4.045	43	215484	41.431 ug/L	94
28) cis-1,2-Dichloroethene	4.313	96	125739	44.861 ug/L	95
29) 2,2-Dichloropropane	4.407	77	175111	47.310 ug/L	90
30) Bromochloromethane	4.497	128	55882	44.644 ug/L	97
32) Chloroform	4.566	83	209037	38.004 ug/L	97

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A03.D
Acq On : 29 Nov 2025 10:43 am
Operator : VOA123:MNF
Sample : WG2148015-4,31,5,5
Misc : WG2148015,ICAL22792
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 29 11:57:47 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	4.695	117	169637	47.604	ug/L		100
37) 1,1,1-Trichloroethane	4.753	97	188305	49.517	ug/L		98
39) 2-Butanone	4.851	43	28731	37.632	ug/L	#	60
40) 1,1-Dichloropropene	4.879	75	152195	51.404	ug/L		99
41) Benzene	5.110	78	436735	46.603	ug/L		96
44) 1,2-Dichloroethane	5.305	62	150124	43.917	ug/L		99
48) Trichloroethene	5.693	95	124434	48.374	ug/L		100
50) Dibromomethane	6.117	93	66870	43.751	ug/L		98
51) 1,2-Dichloropropane	6.217	63	114103	44.231	ug/L		99
54) Bromodichloromethane	6.293	83	161679	44.638	ug/L		100
57) 1,4-Dioxane	6.510	88	33378M1	2231.238	ug/L		
58) cis-1,3-Dichloropropene	6.970	75	181402	45.523	ug/L	#	92
61) Toluene	7.232	92	284956	44.017	ug/L		99
62) 4-Methyl-2-pentanone	7.665	58	29441	42.715	ug/L		89
63) Tetrachloroethene	7.676	166	138131	49.603	ug/L		99
65) trans-1,3-Dichloropropene	7.712	75	158125	43.365	ug/L		99
68) 1,1,2-Trichloroethane	7.888	83	77593	41.732	ug/L		99
69) Chlorodibromomethane	8.094	129	119545	44.756	ug/L		98
70) 1,3-Dichloropropane	8.206	76	154989	42.219	ug/L		99
71) 1,2-Dibromoethane	8.362	107	91643	44.404	ug/L		98
72) 2-Hexanone	8.669	43	43798	35.401	ug/L		95
73) Chlorobenzene	9.009	112	326252	44.100	ug/L	#	86
74) Ethylbenzene	9.056	91	564306	44.035	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.095	131	120946	44.742	ug/L		99
76) p/m Xylene	9.240	106	440070	91.845	ug/L		100
77) o Xylene	9.781	106	425003	87.888	ug/L		98
78) Styrene	9.857	104	708703	86.977	ug/L		100
80) Bromoform	9.868	173	76444	41.611	ug/L		100
82) Isopropylbenzene	10.197	105	570001	44.927	ug/L		100
84) Bromobenzene	10.651	156	144259	42.180	ug/L		99
85) n-Propylbenzene	10.710	91	684470	45.320	ug/L		100
87) 1,1,2,2-Tetrachloroethane	10.802	83	113919	40.803	ug/L		99
88) 4-Ethyltoluene	10.844	105	569265	45.293	ug/L		100
89) 2-Chlorotoluene	10.880	91	402520M6	42.682	ug/L		
90) 1,3,5-Trimethylbenzene	10.950	105	489835	43.936	ug/L		99
91) 1,2,3-Trichloropropane	10.941	75	89567	40.580	ug/L		98
92) trans-1,4-Dichloro-2-b...	11.005	53	31660	40.590	ug/L	#	78
93) 4-Chlorotoluene	11.072	91	411002	42.883	ug/L		99
94) tert-Butylbenzene	11.301	119	416701	44.640	ug/L		99

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A03.D
Acq On : 29 Nov 2025 10:43 am
Operator : VOA123:MNF
Sample : WG2148015-4,31,5,5
Misc : WG2148015,ICAL22792
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 29 11:57:47 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251129A\V23251129A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.385	105	483303	43.614	ug/L	100
98) sec-Butylbenzene	11.499	105	636237	45.561	ug/L	100
99) p-Isopropyltoluene	11.664	119	548725	45.371	ug/L	99
100) 1,3-Dichlorobenzene	11.719	146	285969	44.226	ug/L	99
101) 1,4-Dichlorobenzene	11.817	146	283519	42.797	ug/L	98
102) p-Diethylbenzene	12.048	119	328226	45.837	ug/L	100
103) n-Butylbenzene	12.107	91	521812	48.097	ug/L	99
104) 1,2-Dichlorobenzene	12.249	146	265461	43.798	ug/L	98
105) 1,2,4,5-Tetramethylben...	12.860	119	517401	44.376	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.047	155	17025	39.856	ug/L	98
108) Hexachlorobutadiene	13.671	225	118266	47.696	ug/L	99
109) 1,2,4-Trichlorobenzene	13.688	180	200388	45.877	ug/L	99
110) Naphthalene	13.978	128	354297	42.324	ug/L	100
111) 1,2,3-Trichlorobenzene	14.148	180	169549	45.333	ug/L	98

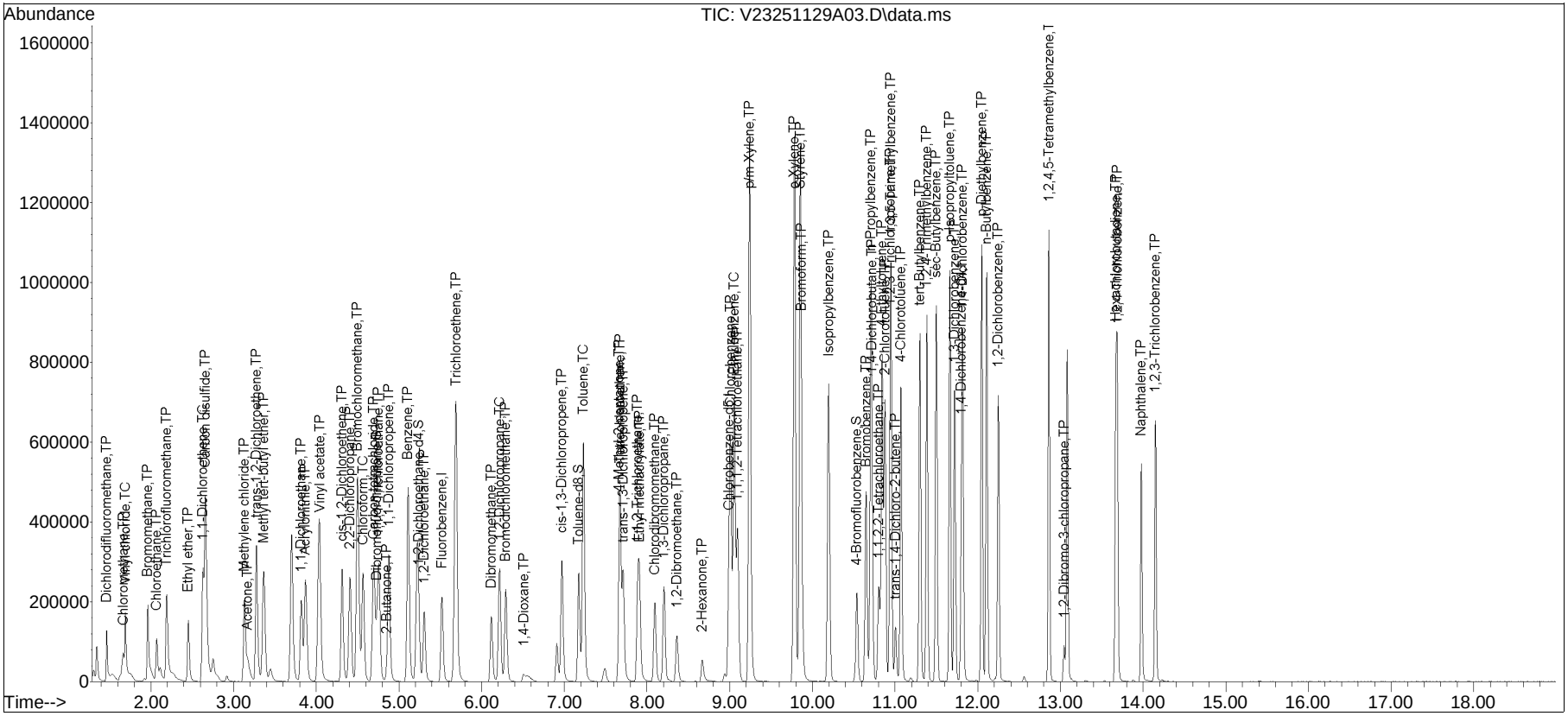
(#) = qualifier out of range (m) = manual integration (+) = signals summed

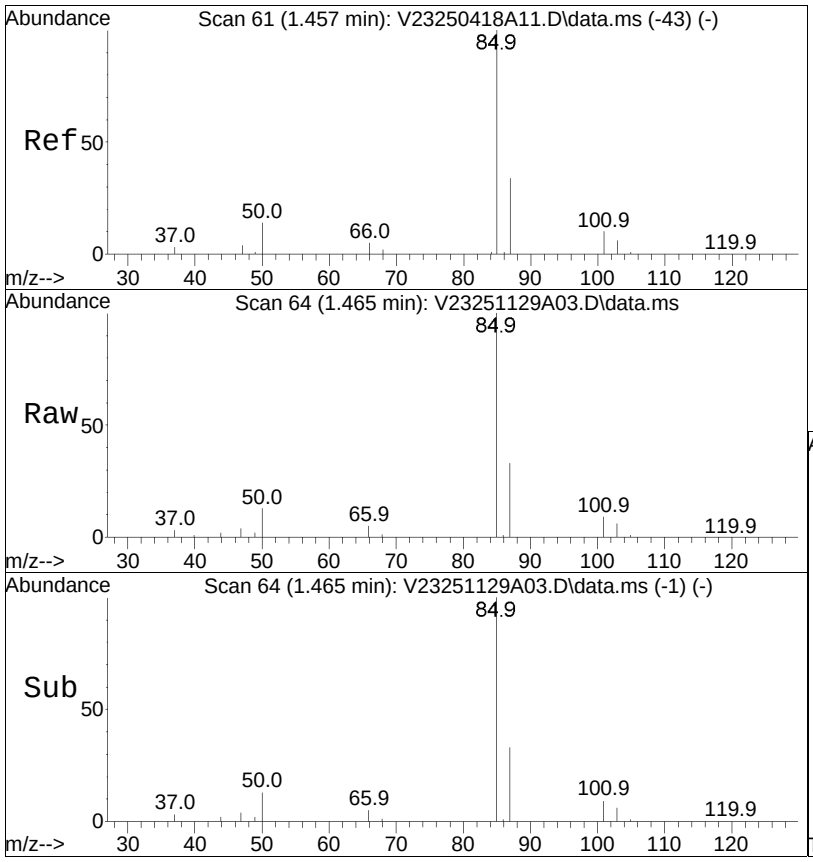
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A03.D
Acq On : 29 Nov 2025 10:43 am
Operator : VOA123:MNF
Sample : WG2148015-4,31,5,5
Misc : WG2148015,ICAL22792
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 29 11:57:47 2025
Quant Method : K:\VOA123\2025\251129A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox251129A02.D•

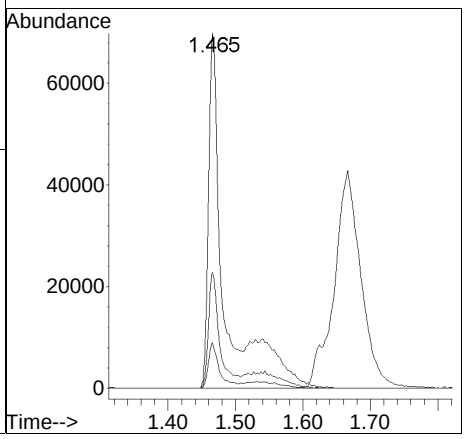


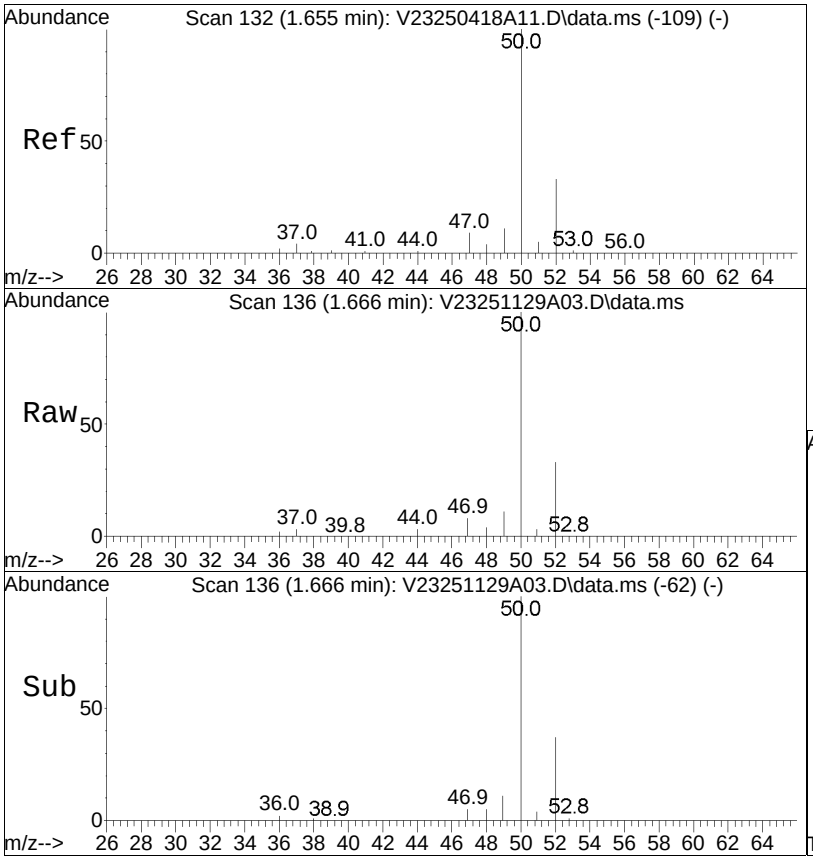


#2
Dichlorodifluoromethane
Concen: 53.48 ug/L M1
RT: 1.465 min Scan# 64
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 85 Resp: 118417

Ion	Ratio	Lower	Upper
85	100		
87	22.6	21.1	43.7
50	8.8	7.3	15.3

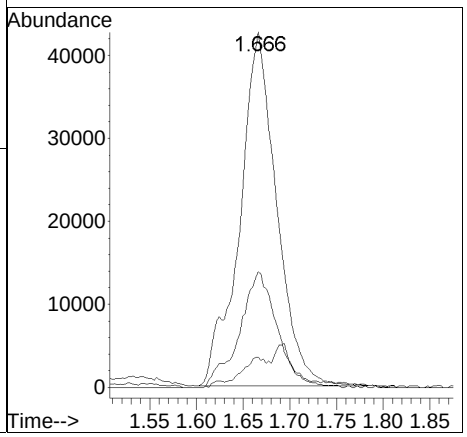


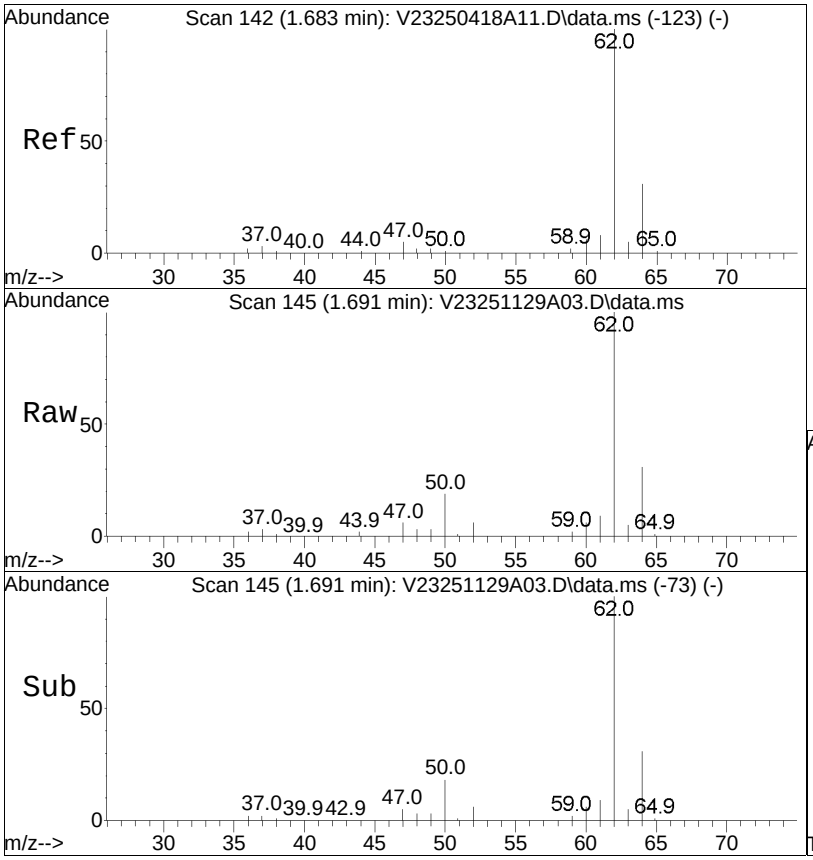


#3
Chloromethane
Concen: 48.74 ug/L
RT: 1.666 min Scan# 136
Delta R.T. 0.005 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 50 Resp: 117377

Ion	Ratio	Lower	Upper
50	100		
52	33.4	12.7	52.7
47	4.7	0.0	28.1

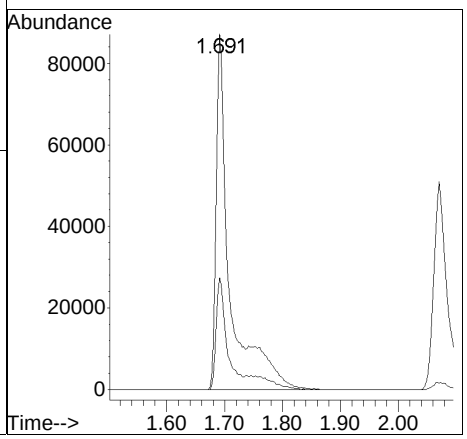


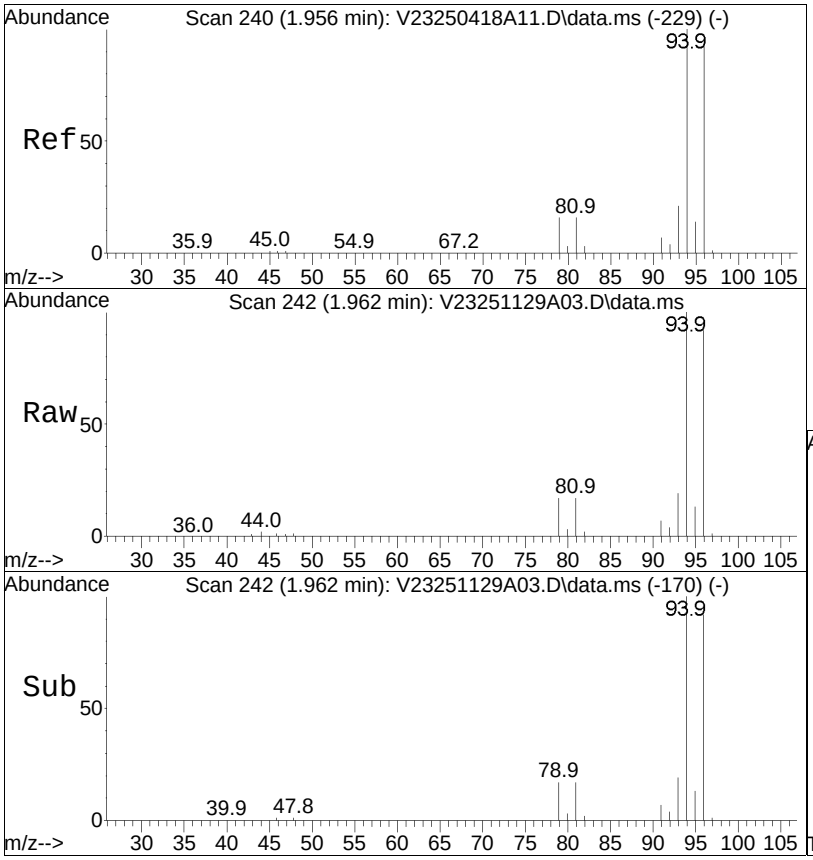


#4
Vinyl chloride
Concen: 54.96 ug/L M1
RT: 1.691 min Scan# 145
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 62 Resp: 143661

Ion	Ratio	Lower	Upper
62	100		
64	24.4	12.0	52.0

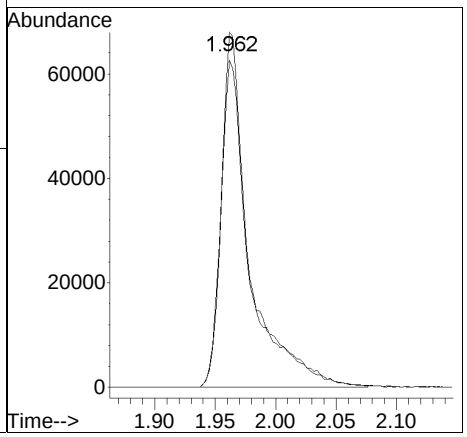


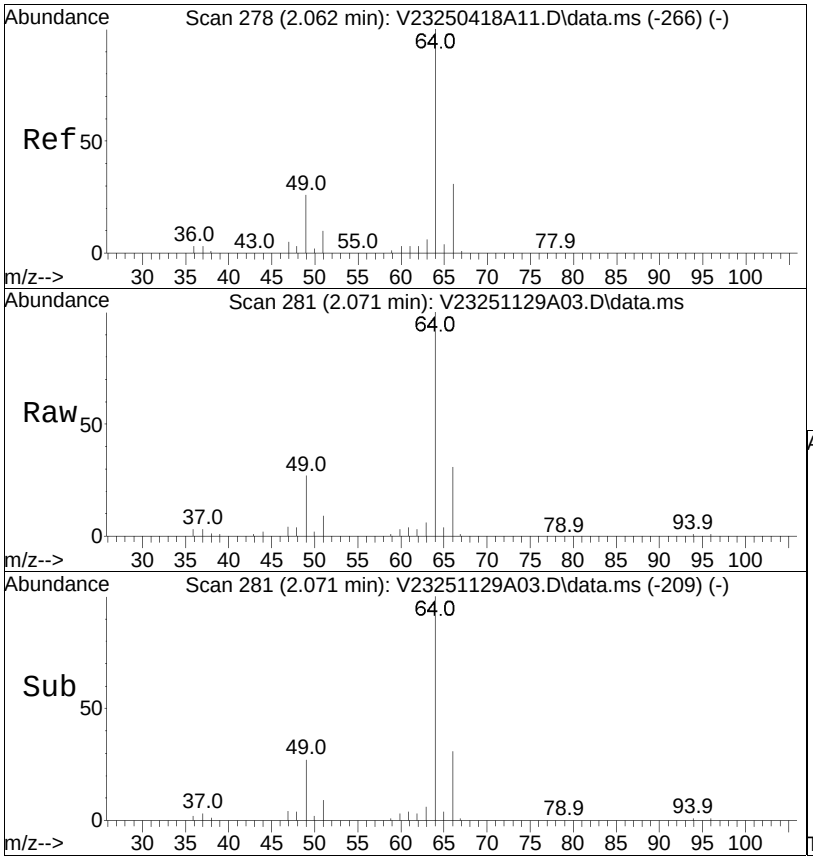


#5
Bromomethane
Concen: 66.65 ug/L
RT: 1.962 min Scan# 242
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 94 Resp: 111445

Ion	Ratio	Lower	Upper
94	100		
96	93.6	74.6	114.6

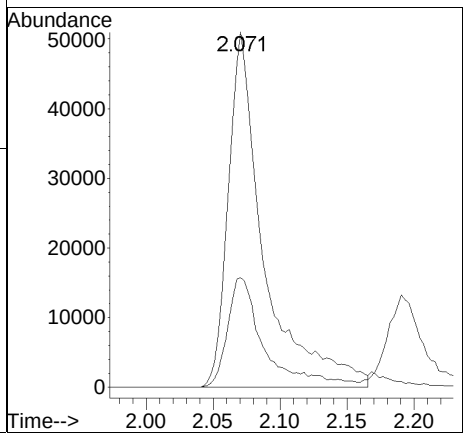


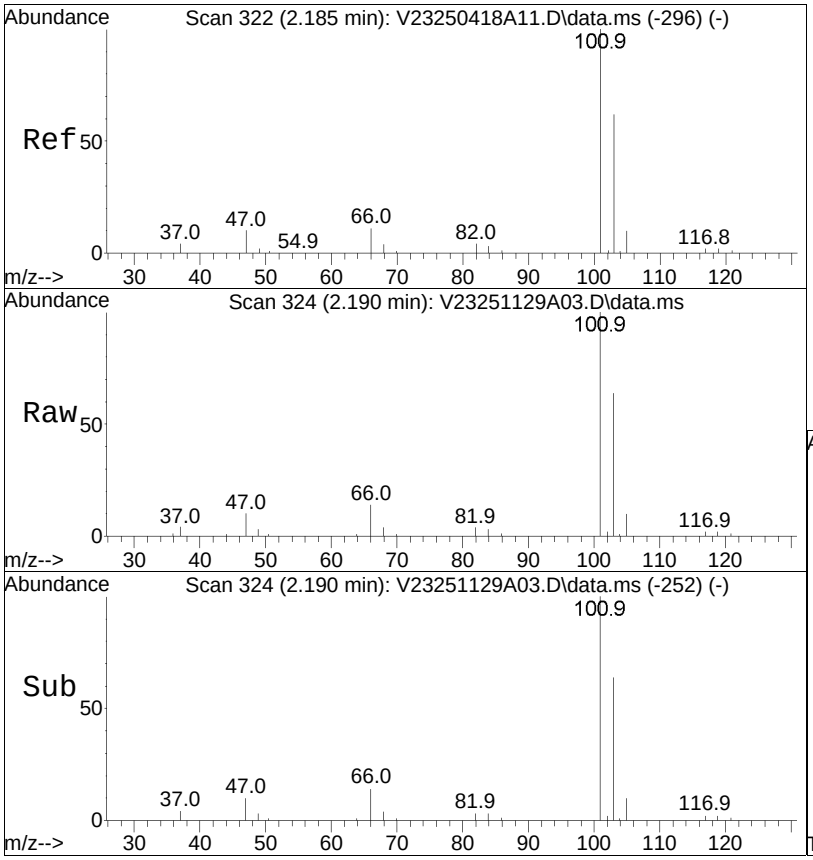


#6
Chloroethane
Concen: 52.16 ug/L
RT: 2.071 min Scan# 281
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 64 Resp: 94496

Ion	Ratio	Lower	Upper
64	100		
66	32.3	12.6	52.6

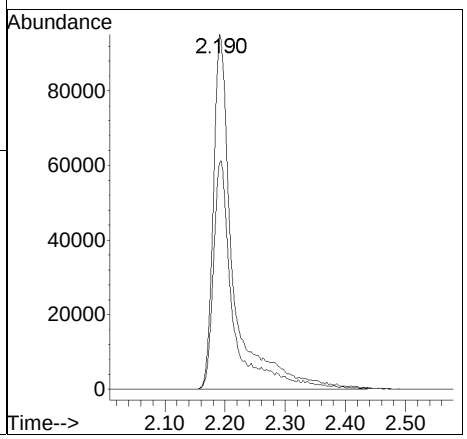


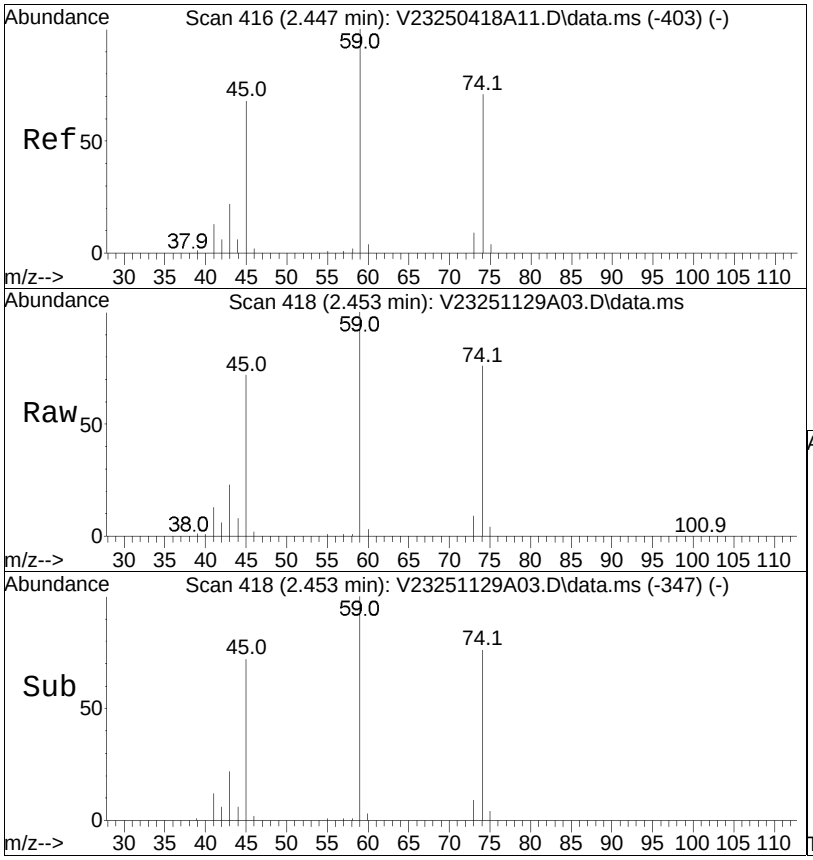


#7
Trichlorofluoromethane
Concen: 56.12 ug/L M1
RT: 2.190 min Scan# 324
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:101 Resp: 221911

Ion	Ratio	Lower	Upper
101	100		
103	52.4	51.4	77.2

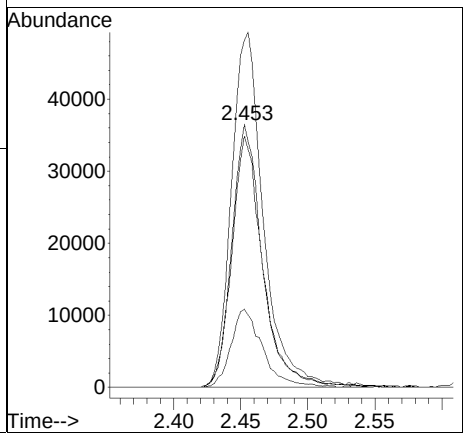


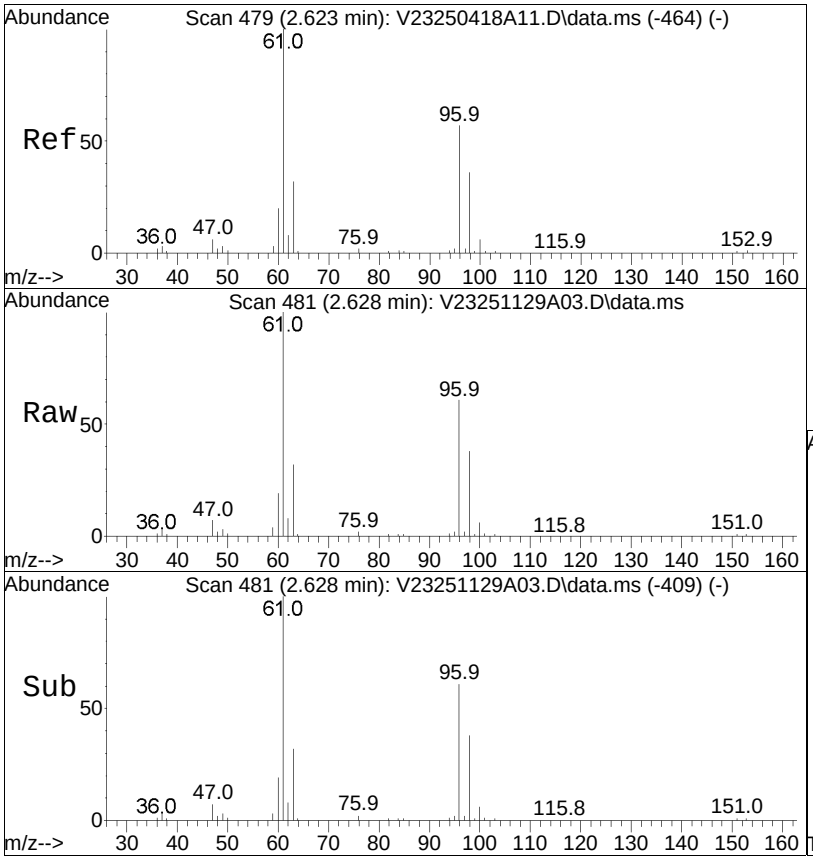


#8
Ethyl ether
Concen: 44.46 ug/L
RT: 2.453 min Scan# 418
Delta R.T. -0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 74 Resp: 58778

Ion	Ratio	Lower	Upper
74	100		
59	139.7	84.3	175.1
45	94.8	55.4	115.2
43	30.5	15.9	32.9

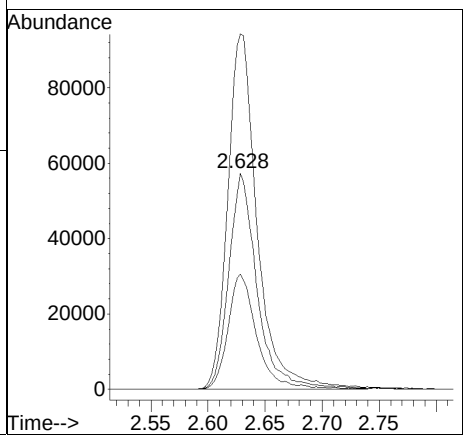


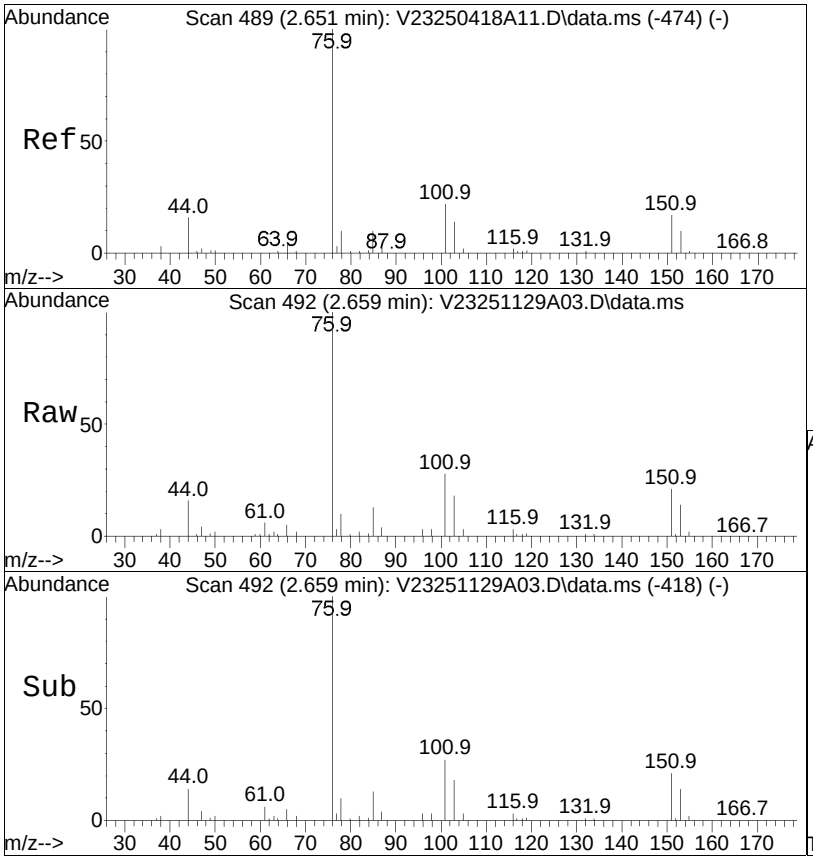


#10
1,1-Dichloroethene
Concen: 47.72 ug/L
RT: 2.628 min Scan# 481
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 96 Resp: 99820

Ion	Ratio	Lower	Upper
96	100		
61	170.9	124.5	186.7
63	52.4	40.7	61.1

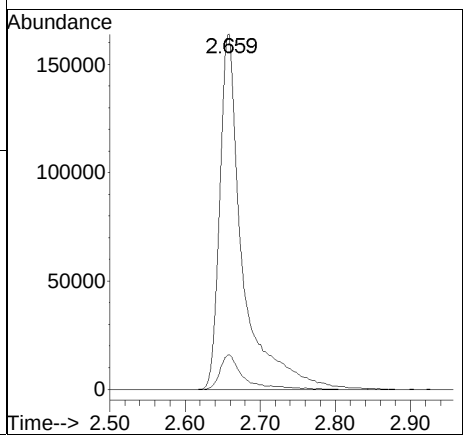


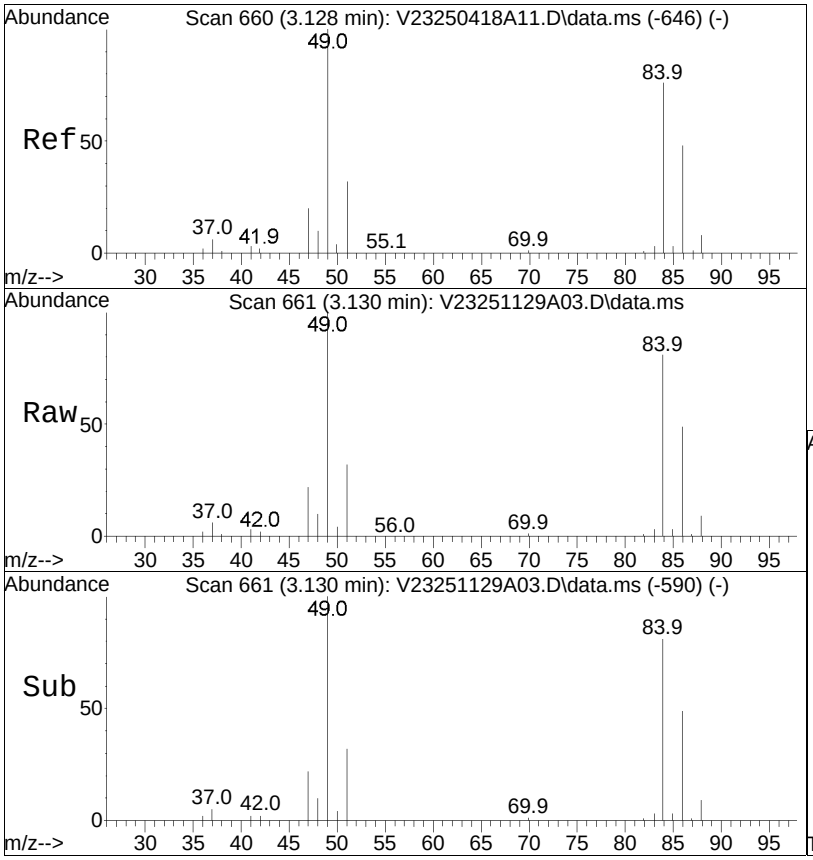


#11
Carbon disulfide
Concen: 45.16 ug/L
RT: 2.659 min Scan# 492
Delta R.T. 0.005 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 76 Resp: 348022

Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.7	13.9

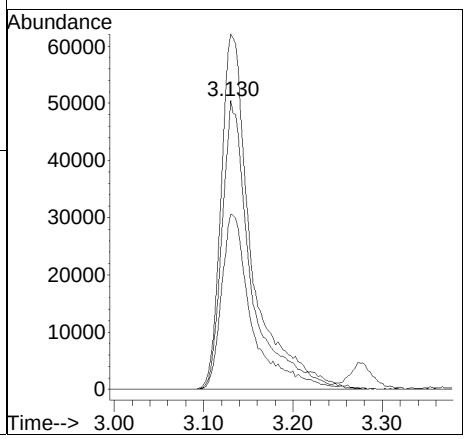


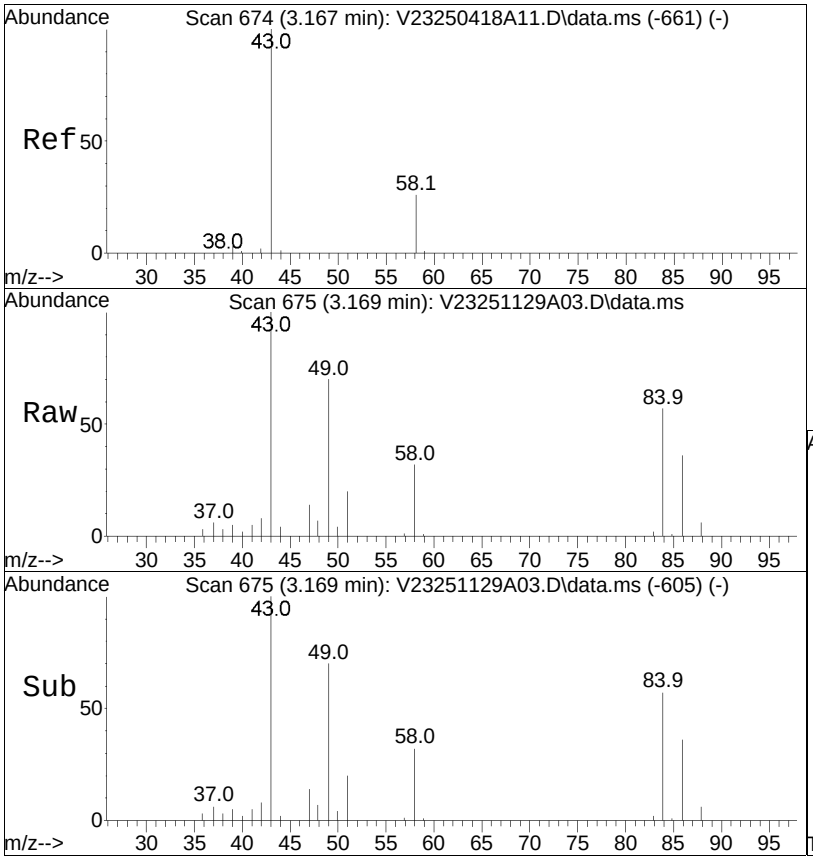


#15
Methylene chloride
Concen: 42.50 ug/L
RT: 3.130 min Scan# 661
Delta R.T. -0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 84 Resp: 115418

Ion	Ratio	Lower	Upper
84	100		
86	63.4	42.0	87.2
49	128.2	74.0	153.6

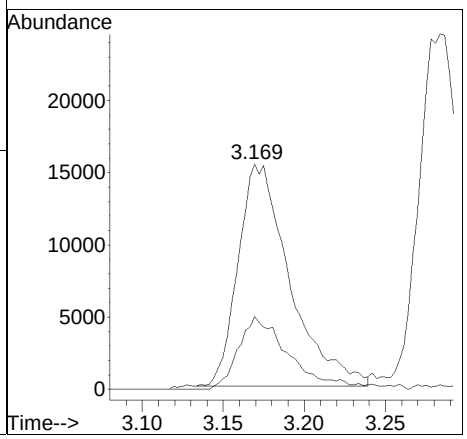


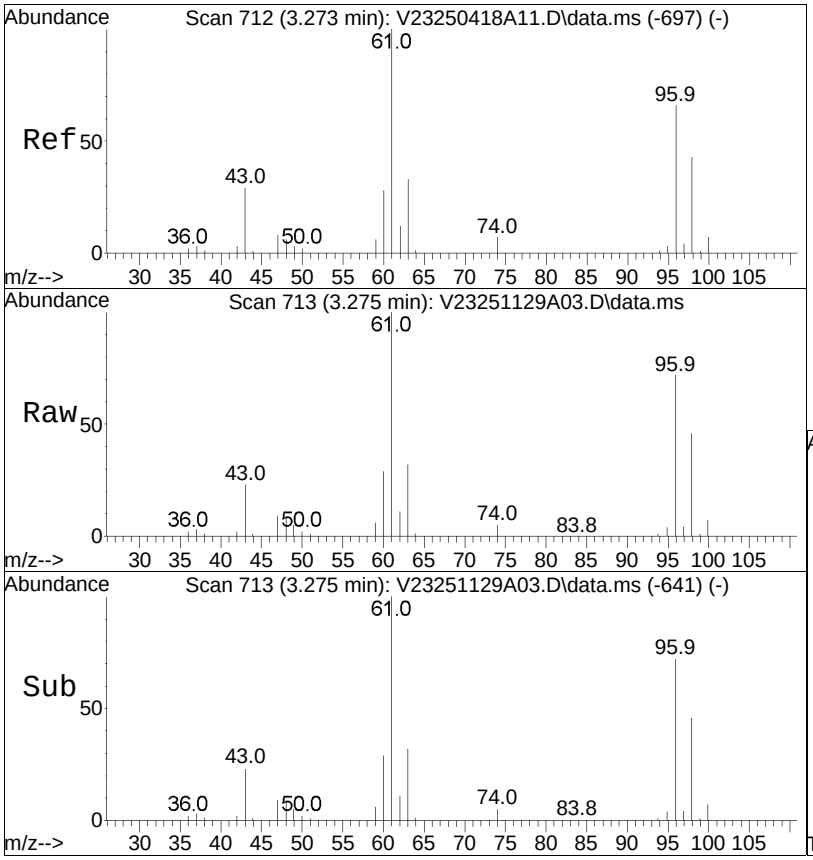


#17
Acetone
Concen: 53.95 ug/L
RT: 3.169 min Scan# 675
Delta R.T. -0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 43 Resp: 34181

Ion	Ratio	Lower	Upper
43	100		
58	31.5	28.2	42.4

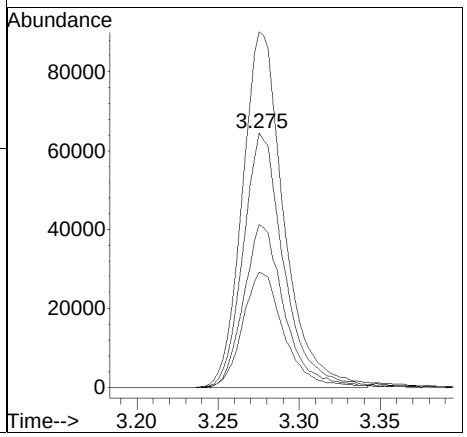


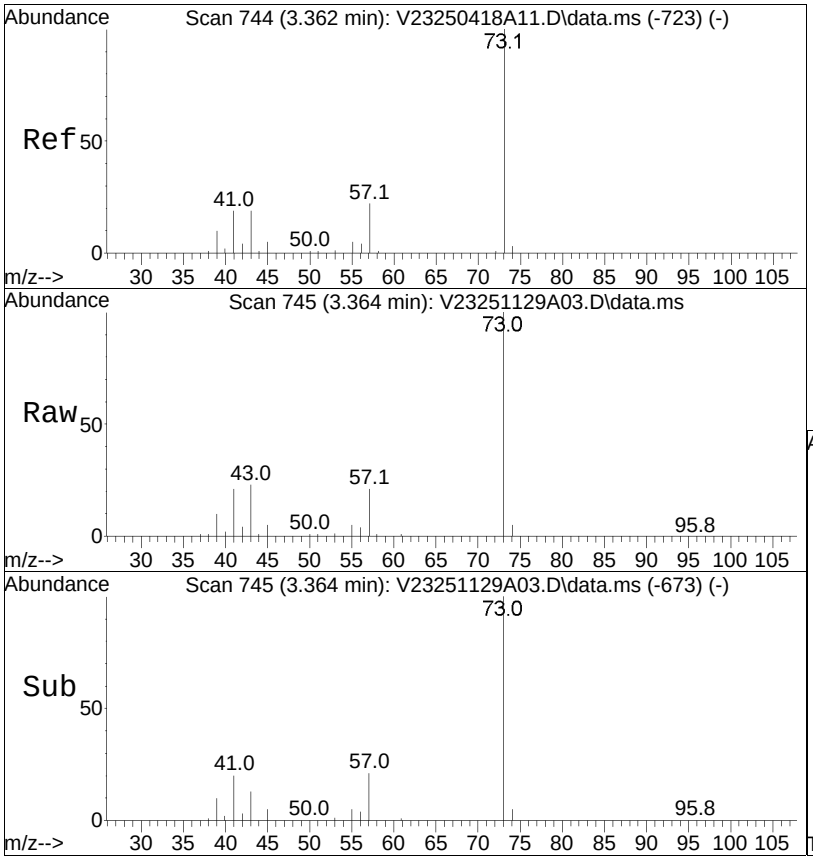


#18
trans-1,2-Dichloroethene
Concen: 45.88 ug/L
RT: 3.275 min Scan# 713
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 96 Resp: 112211

Ion	Ratio	Lower	Upper
96	100		
61	144.4	87.3	181.3
98	64.1	41.1	85.5
63	46.1	28.3	58.7

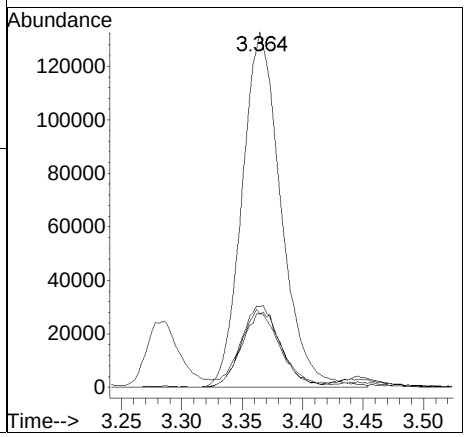


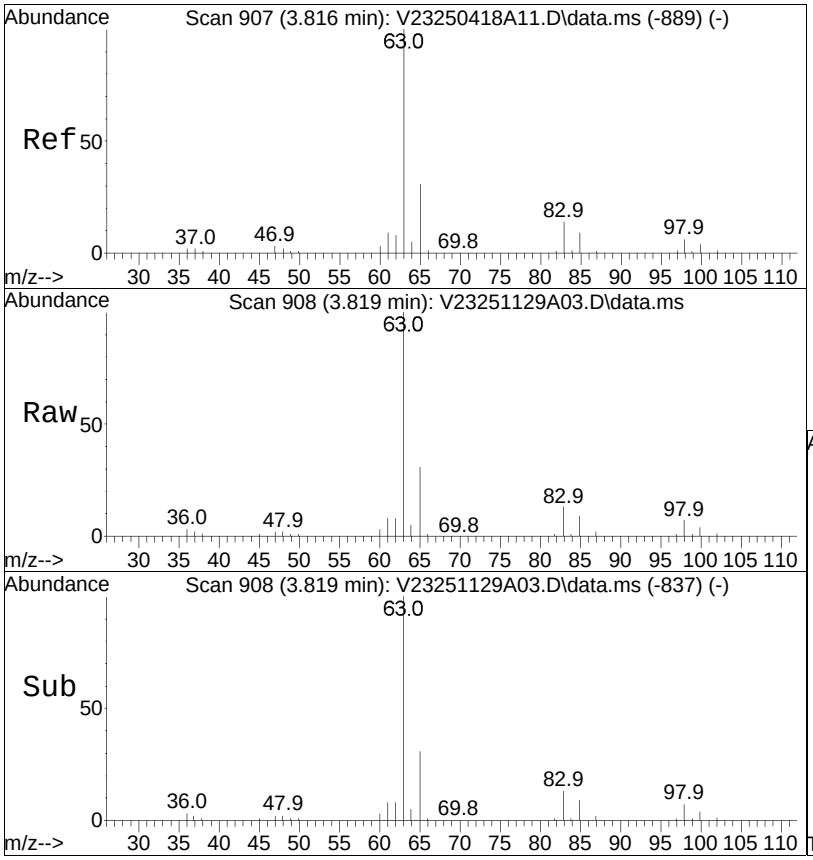


#20
Methyl tert-butyl ether
Concen: 42.73 ug/L
RT: 3.364 min Scan# 745
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 73 Resp: 298004

Ion	Ratio	Lower	Upper
73	100		
57	22.4	14.2	29.4
43	21.1	12.4	25.7
41	21.1	11.6	24.0

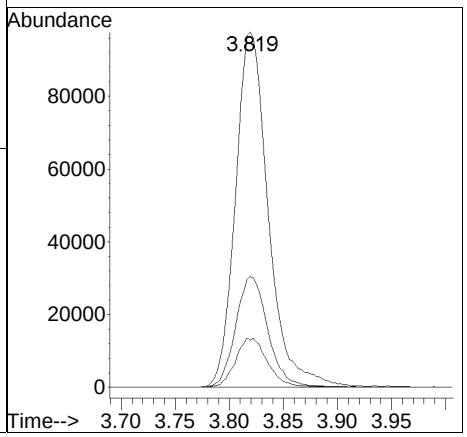


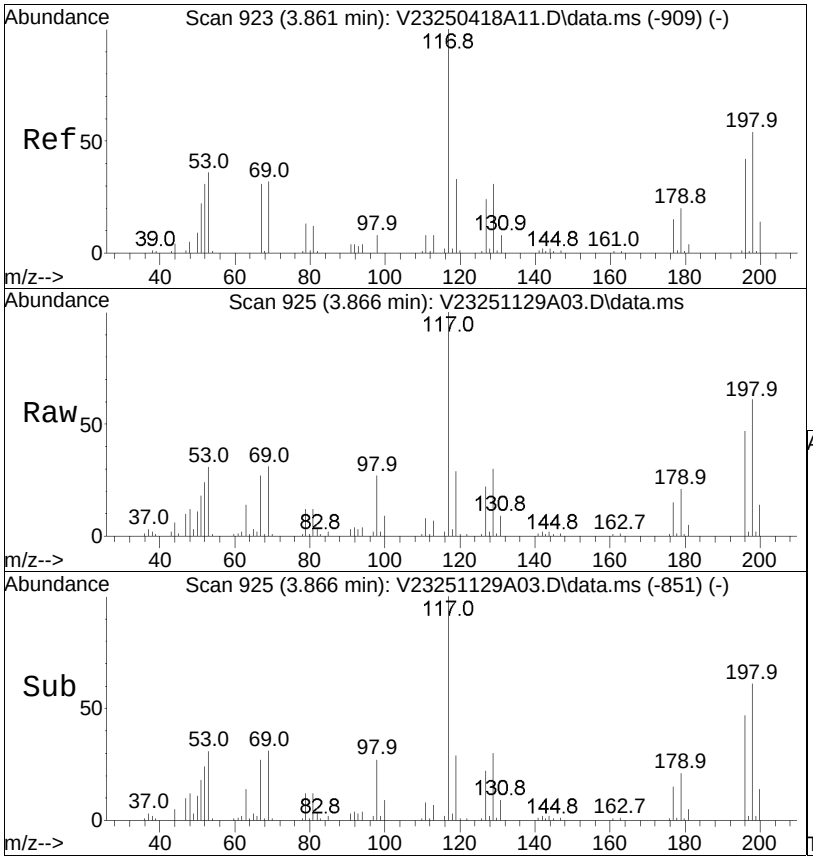


#23
1,1-Dichloroethane
Concen: 46.03 ug/L
RT: 3.819 min Scan# 908
Delta R.T. -0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 63 Resp: 207015

Ion	Ratio	Lower	Upper
63	100		
65	30.7	11.1	51.1
83	13.5	0.0	33.3

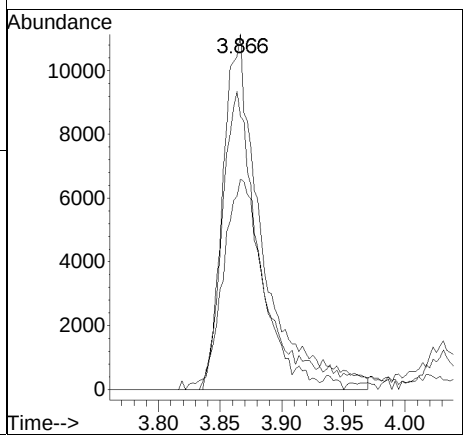


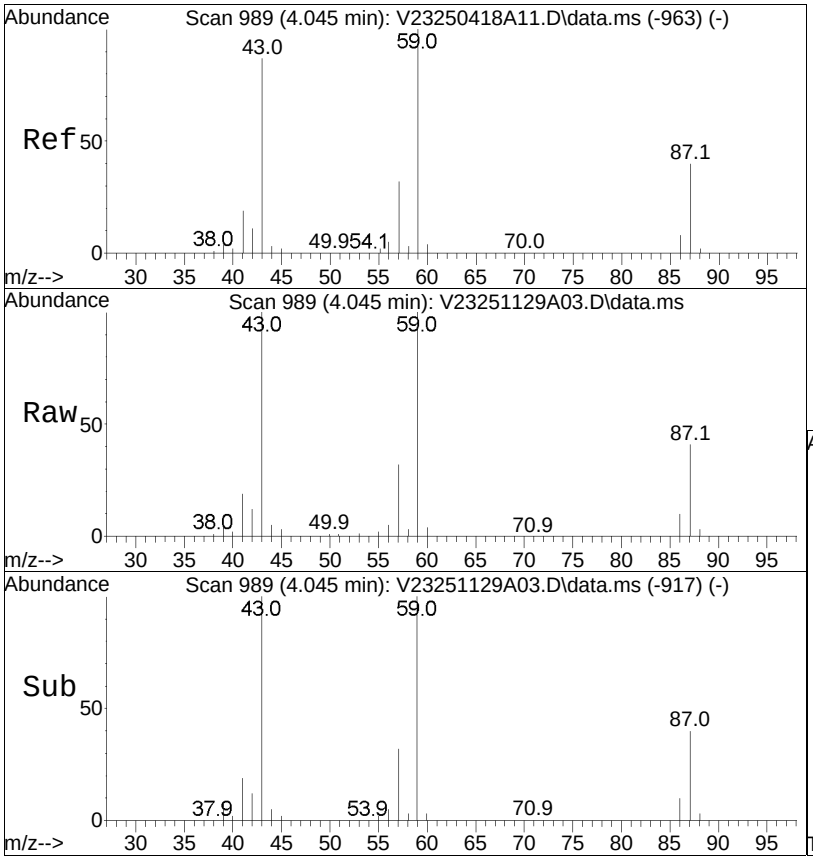


#25
Acrylonitrile
Concen: 45.82 ug/L
RT: 3.866 min Scan# 925
Delta R.T. 0.005 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 53 Resp: 24834

Ion	Ratio	Lower	Upper
53	100		
52	78.8	67.1	100.7
51	59.3	38.5	57.7#

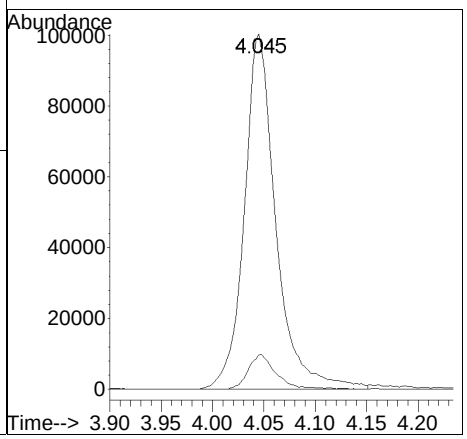


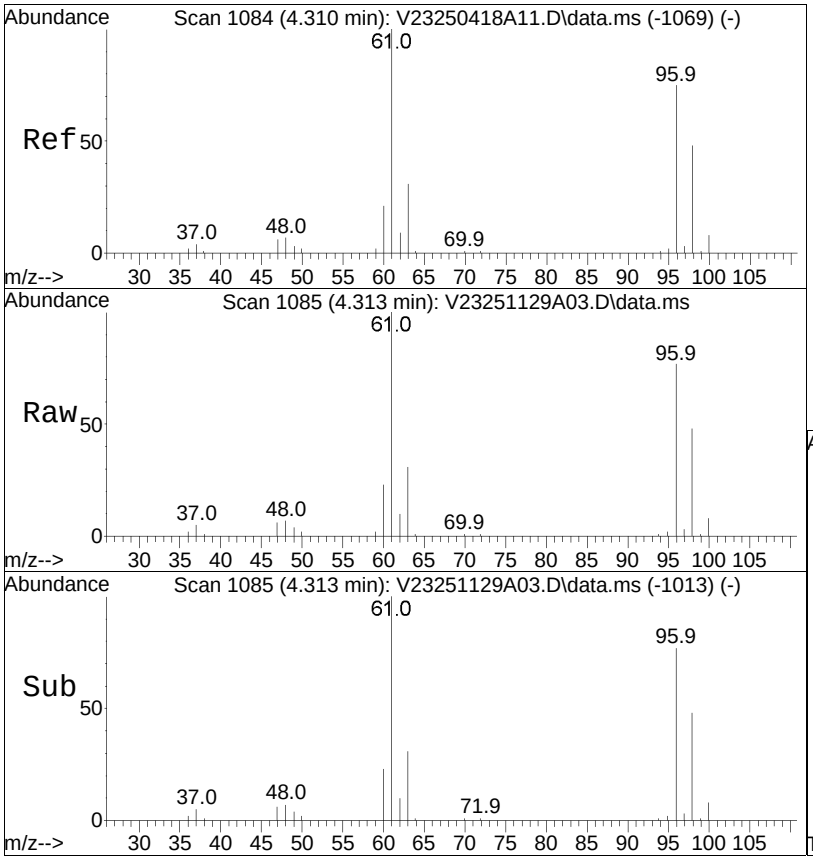


#27
Vinyl acetate
Concen: 41.43 ug/L
RT: 4.045 min Scan# 989
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 43 Resp: 215484

Ion	Ratio	Lower	Upper
43	100		
86	8.6	8.6	12.8

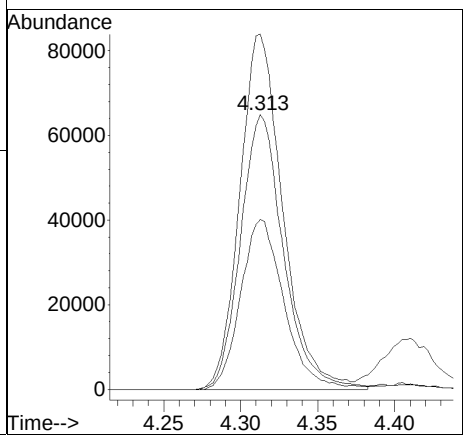


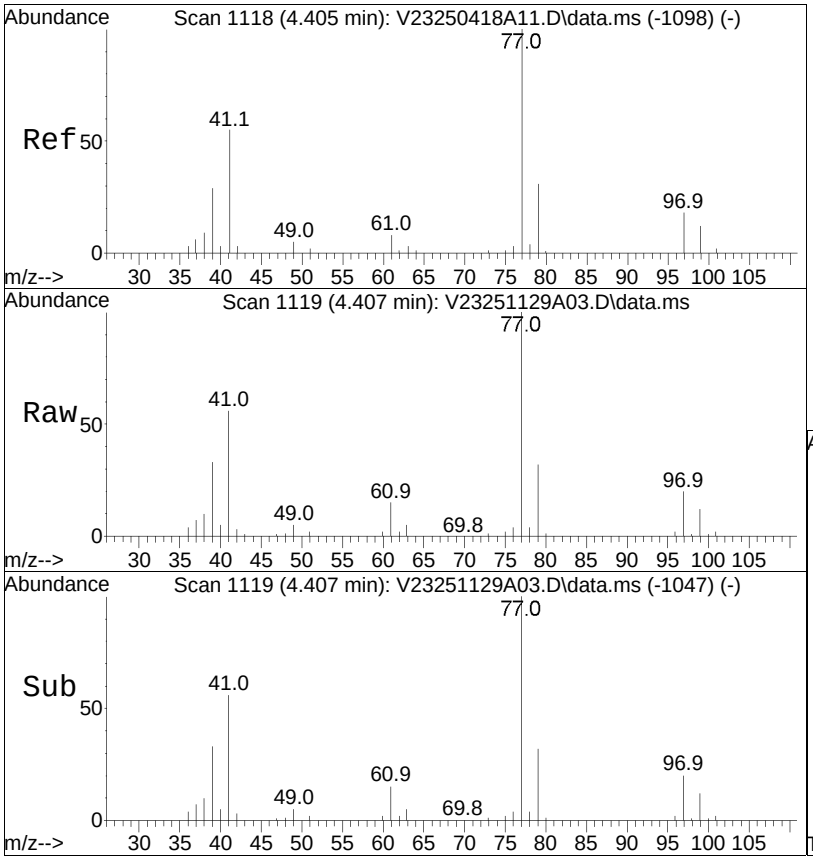


#28
cis-1,2-Dichloroethene
Concen: 44.86 ug/L
RT: 4.313 min Scan# 1085
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 96 Resp: 125739

Ion	Ratio	Lower	Upper
96	100		
61	129.5	98.2	147.2
98	62.2	51.0	76.6

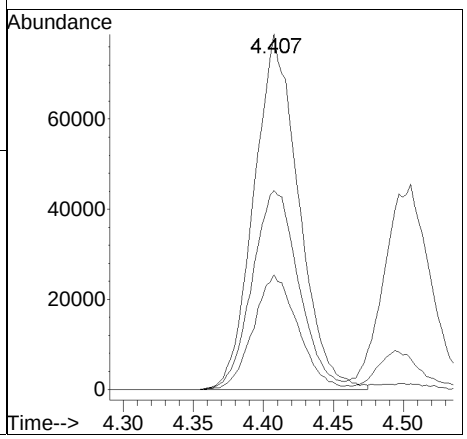


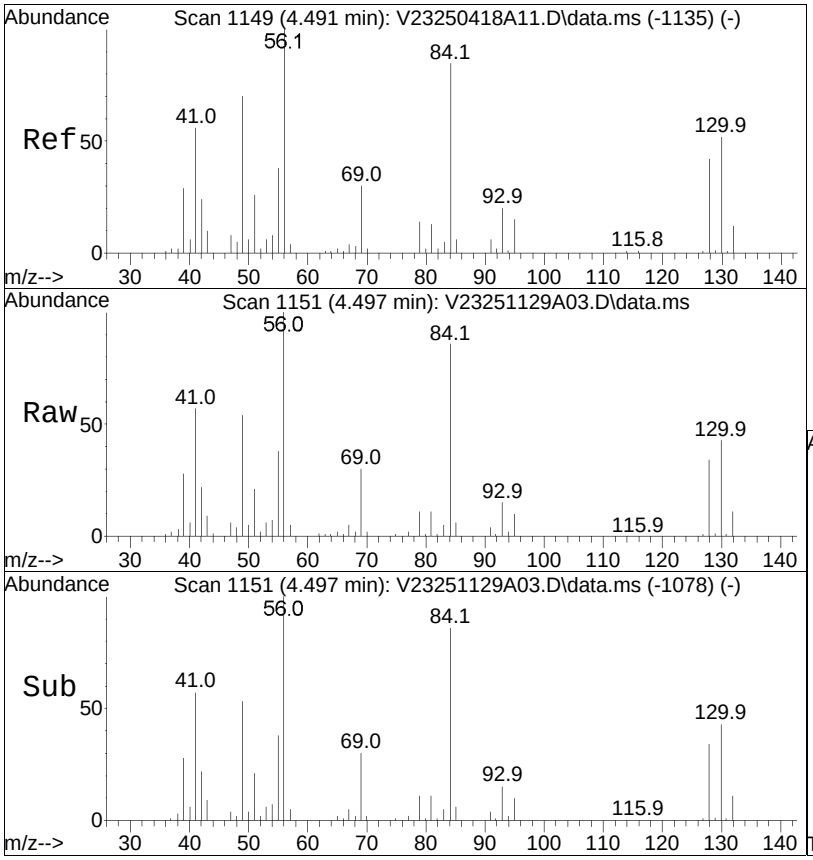


#29
2,2-Dichloropropane
Concen: 47.31 ug/L
RT: 4.407 min Scan# 1119
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 77 Resp: 175111

Ion	Ratio	Lower	Upper
77	100		
41	58.4	31.1	64.7
79	32.2	20.7	43.1

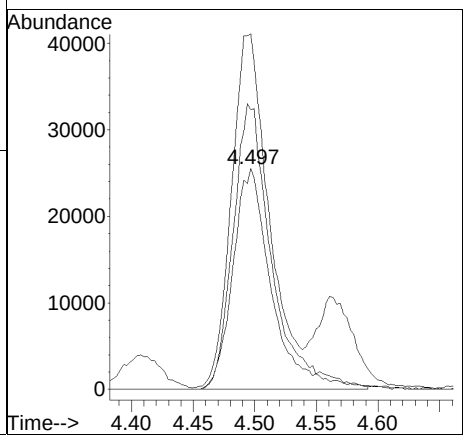


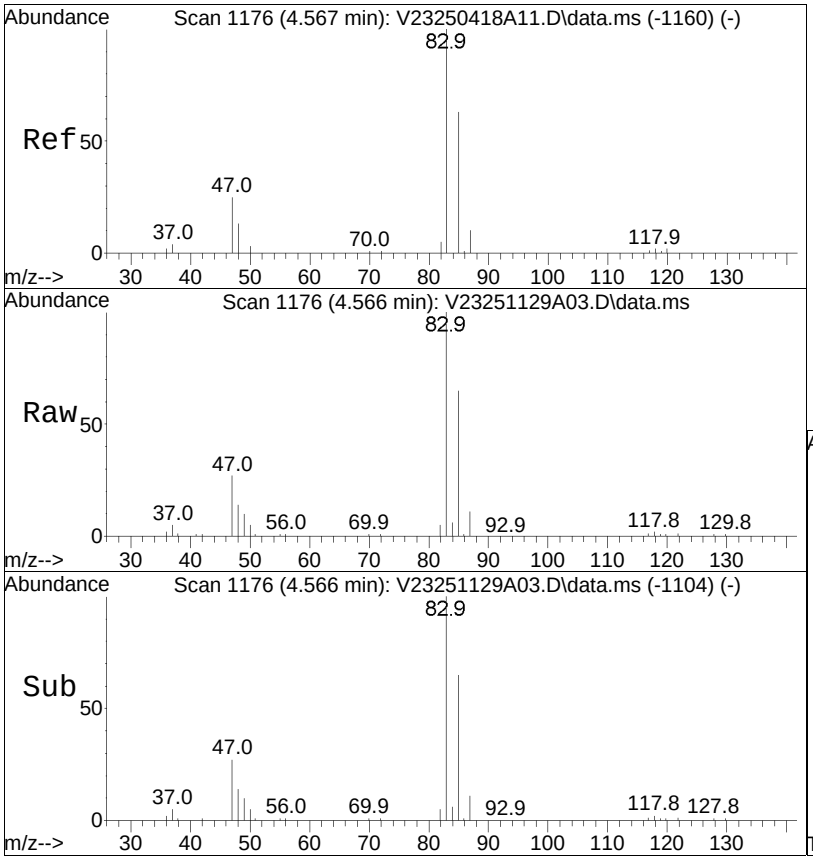


#30
Bromochloromethane
Concen: 44.64 ug/L
RT: 4.497 min Scan# 1151
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:128 Resp: 55882

Ion	Ratio	Lower	Upper
128	100		
49	153.7	117.6	176.4
130	129.3	103.8	155.8

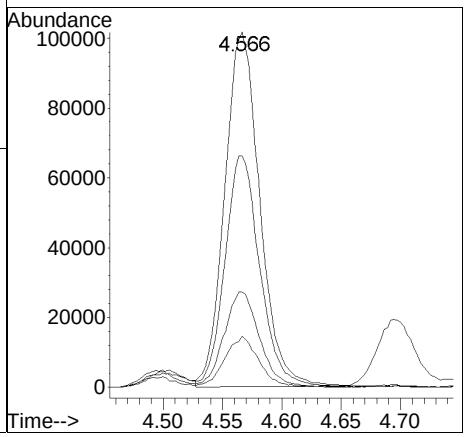


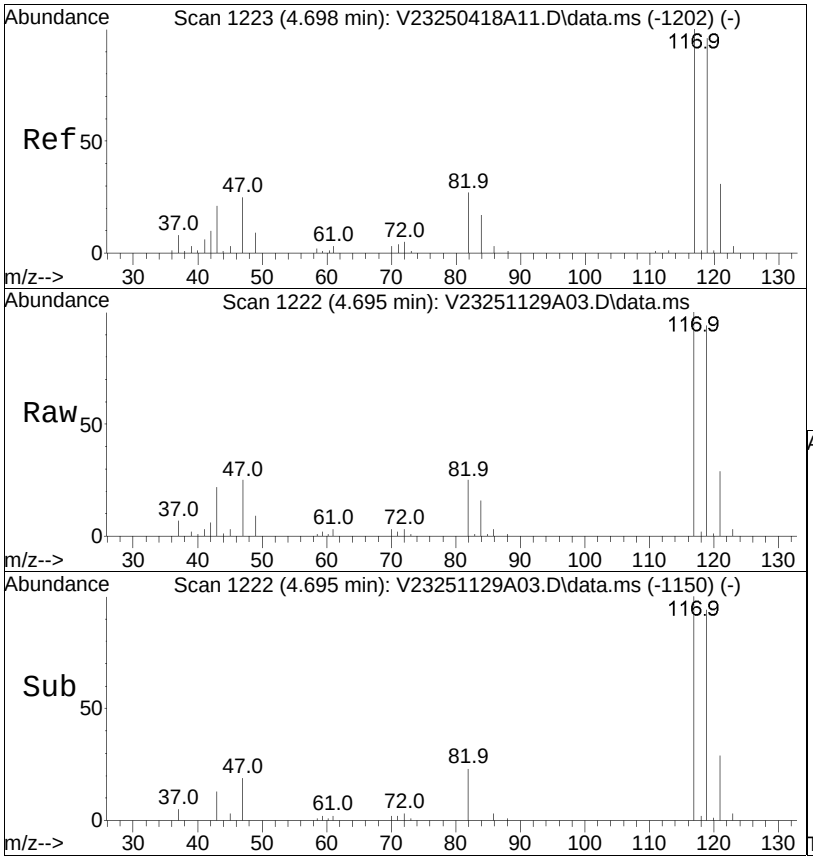


#32
Chloroform
Concen: 38.00 ug/L
RT: 4.566 min Scan# 1176
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 83 Resp: 209037

Ion	Ratio	Lower	Upper
83	100		
85	64.8	42.1	87.3
47	26.7	14.0	29.2
48	13.6	7.2	14.9

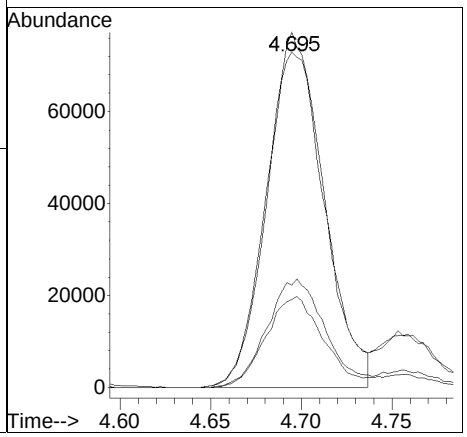


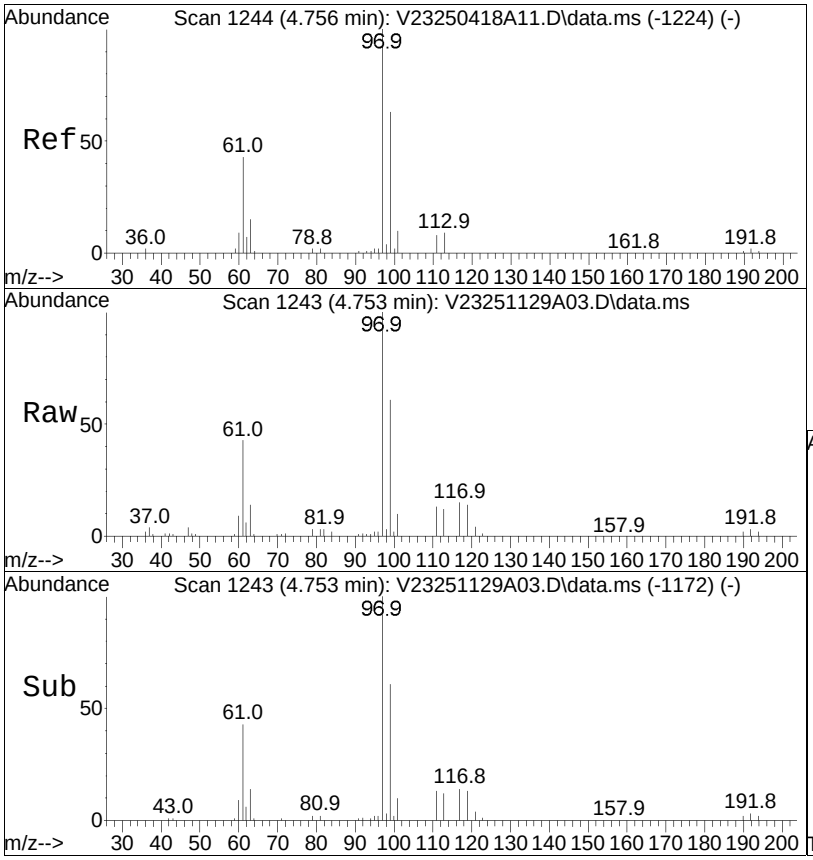


#34
Carbon tetrachloride
Concen: 47.60 ug/L
RT: 4.695 min Scan# 1222
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:117 Resp: 169637

Ion	Ratio	Lower	Upper
117	100		
119	96.4	62.7	130.3
121	31.2	20.3	42.1
82	26.0	16.4	34.2

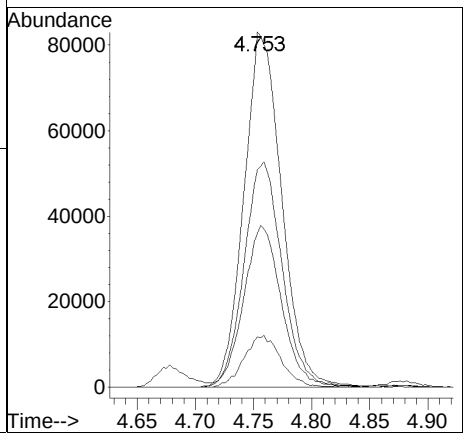


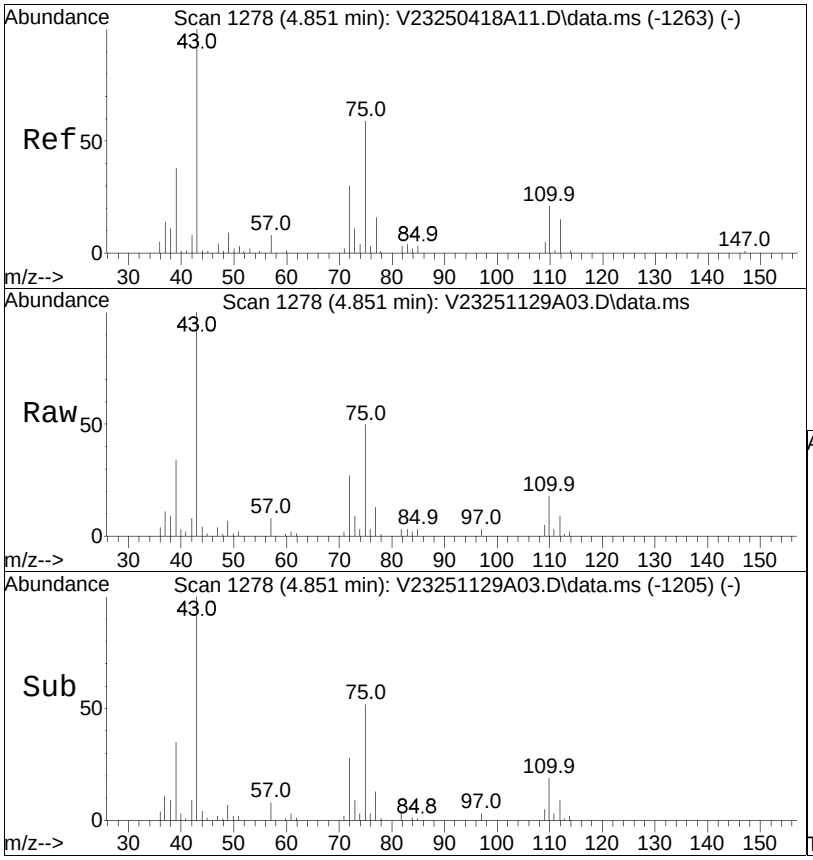


#37
1,1,1-Trichloroethane
Concen: 49.52 ug/L
RT: 4.753 min Scan# 1243
Delta R.T. -0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 97 Resp: 188305

Ion	Ratio	Lower	Upper
97	100		
99	64.1	41.5	86.3
61	45.8	27.4	57.0
63	14.5	9.0	18.6

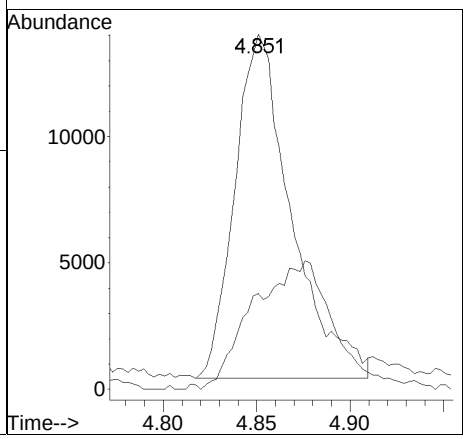


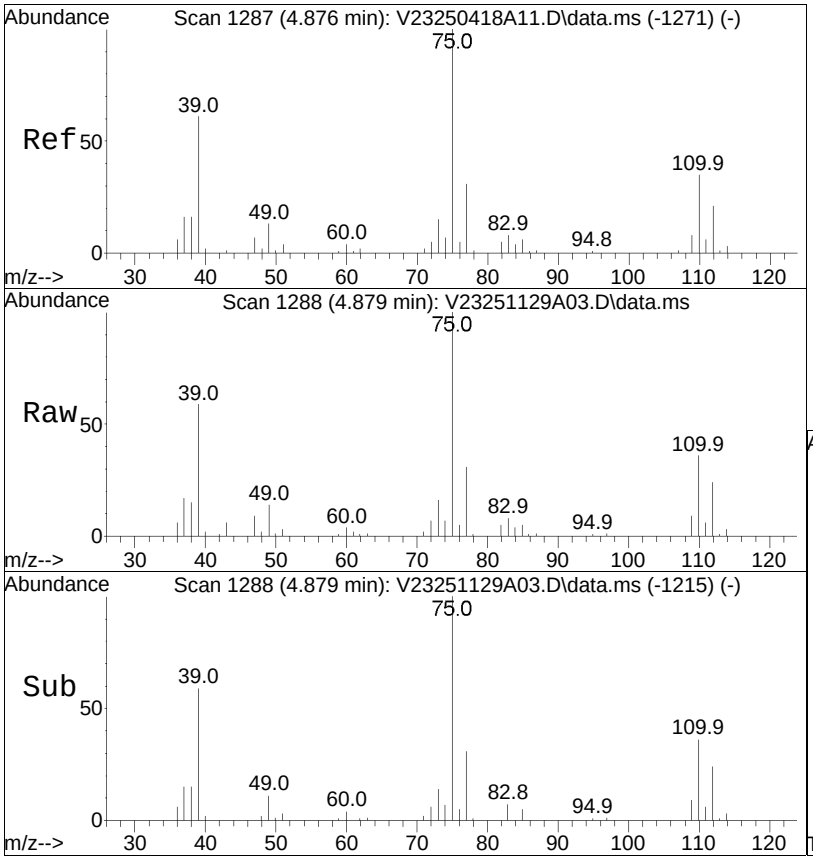


#39
2-Butanone
Concen: 37.63 ug/L
RT: 4.851 min Scan# 1278
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 43 Resp: 28731

Ion	Ratio	Lower	Upper
43	100		
72	14.0	30.4	45.6#

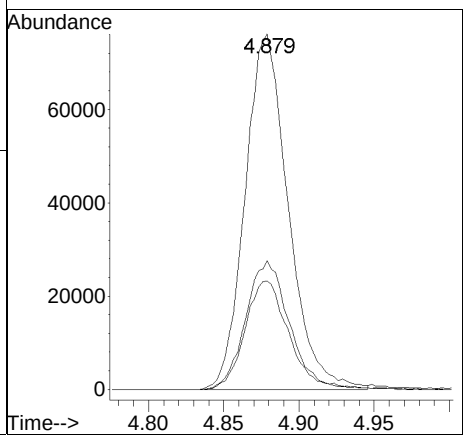


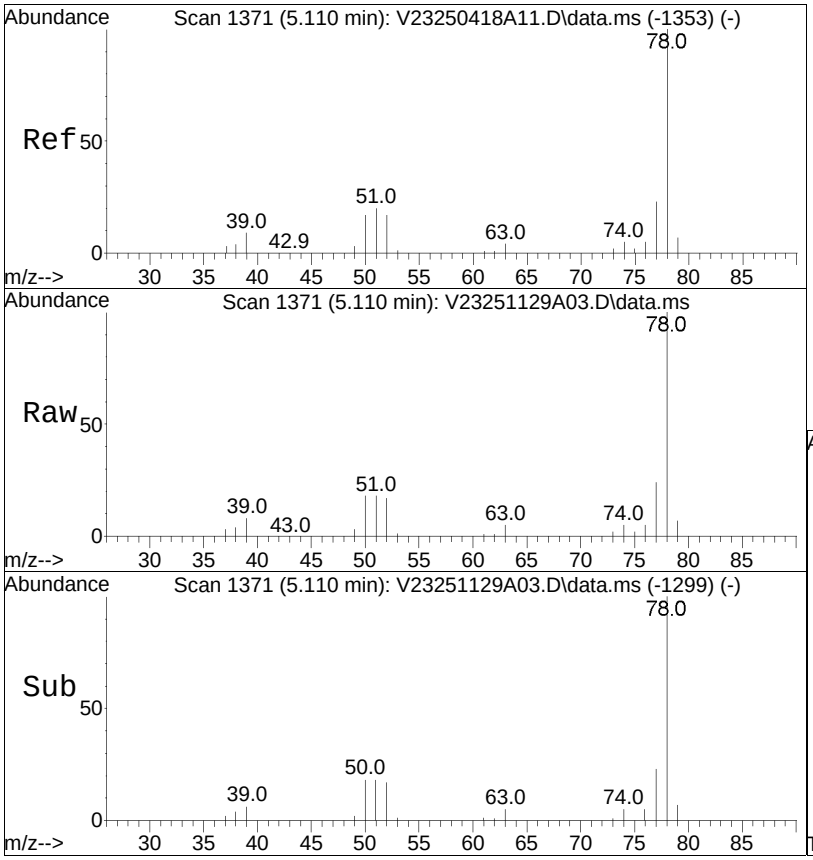


#40
1,1-Dichloropropene
Concen: 51.40 ug/L
RT: 4.879 min Scan# 1288
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 75 Resp: 152195

Ion	Ratio	Lower	Upper
75	100		
110	36.6	23.6	49.0
77	30.6	20.4	42.4

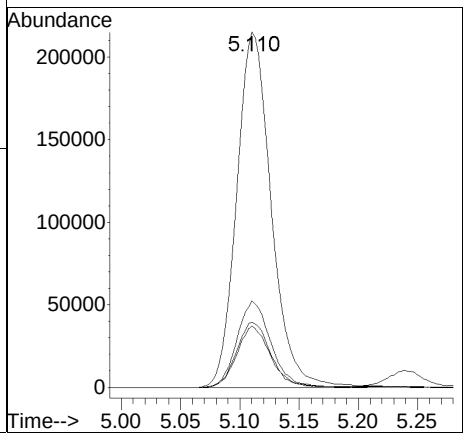


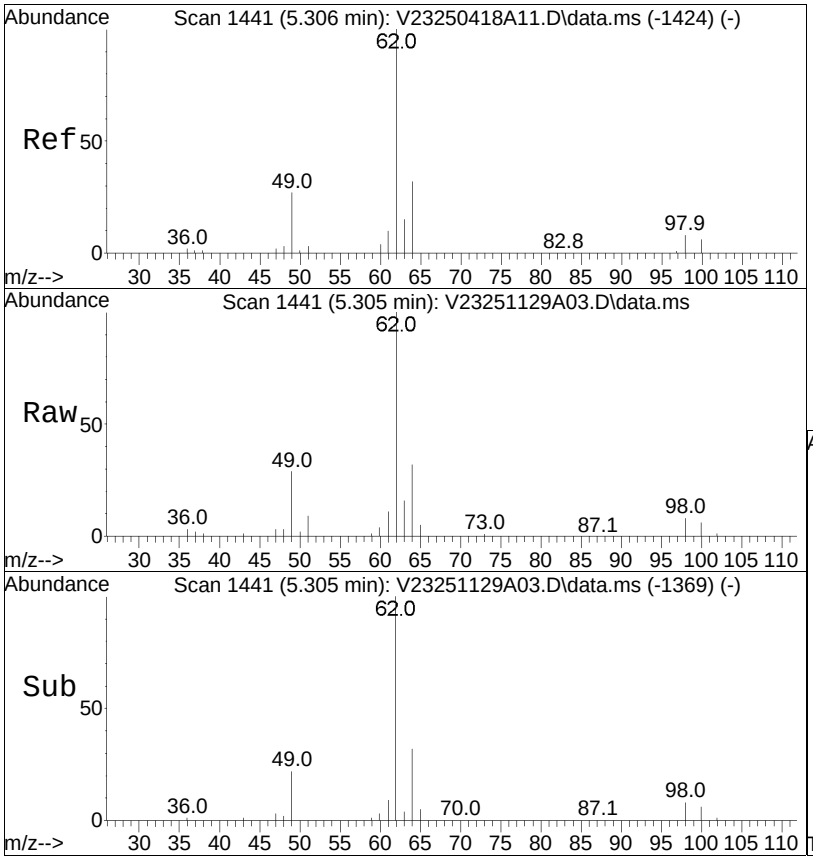


#41
Benzene
Concen: 46.60 ug/L
RT: 5.110 min Scan# 1371
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 78 Resp: 436735

Ion	Ratio	Lower	Upper
78	100		
77	24.0	15.7	32.5
51	18.3	9.9	20.5
52	16.8	9.5	19.7

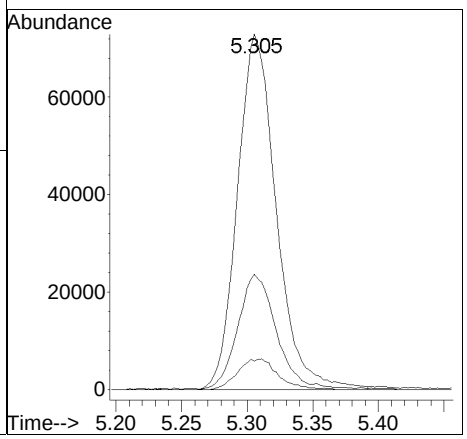


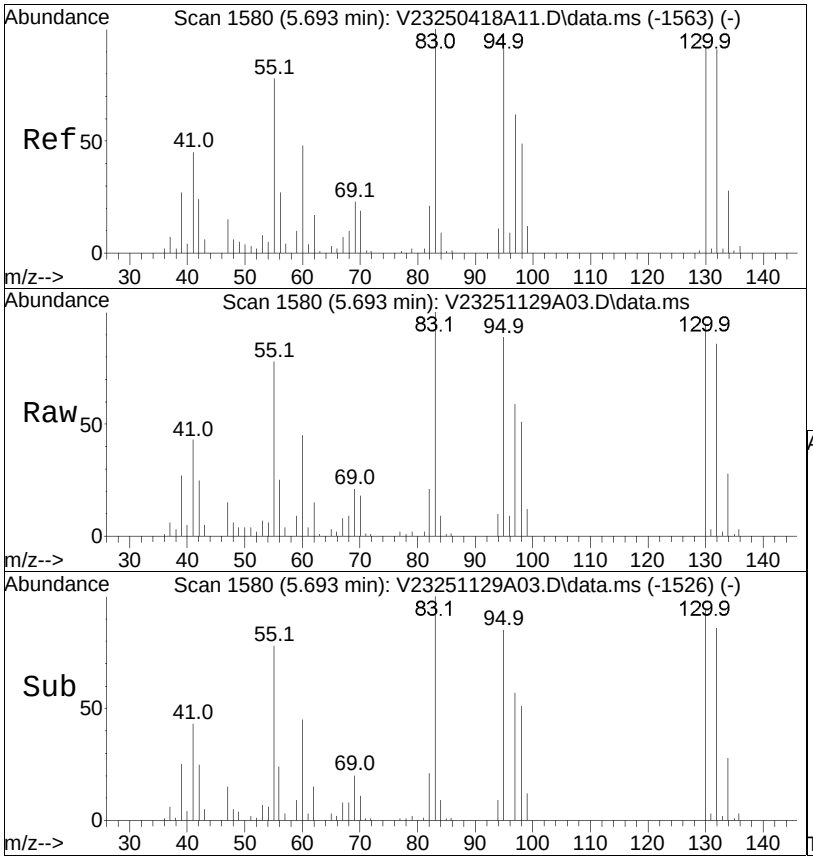


#44
1,2-Dichloroethane
Concen: 43.92 ug/L
RT: 5.305 min Scan# 1441
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 62 Resp: 150124

Ion	Ratio	Lower	Upper
62	100		
64	32.3	12.7	52.7
98	8.7	0.0	29.7

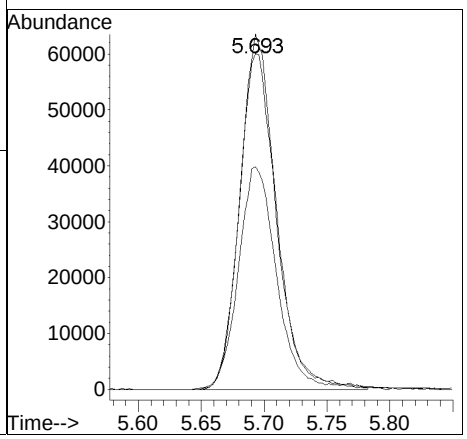


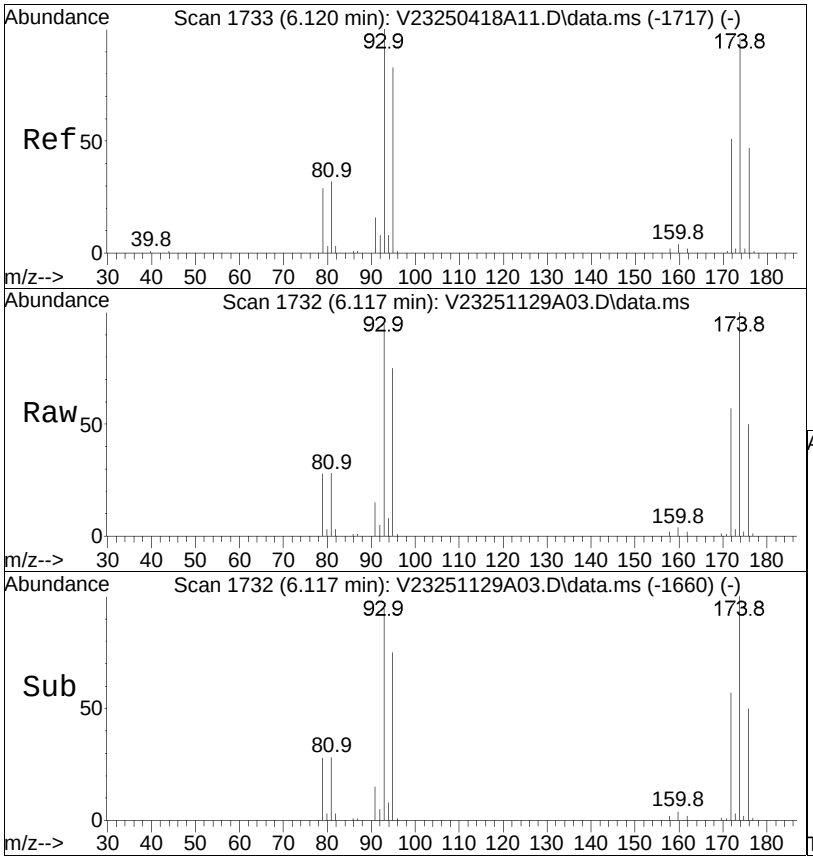


#48
Trichloroethene
Concen: 48.37 ug/L
RT: 5.693 min Scan# 1580
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 95 Resp: 124434

Ion	Ratio	Lower	Upper
95	100		
97	67.9	54.3	81.5
130	102.6	82.2	123.2

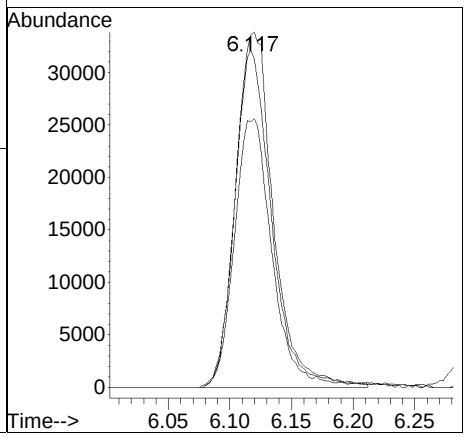


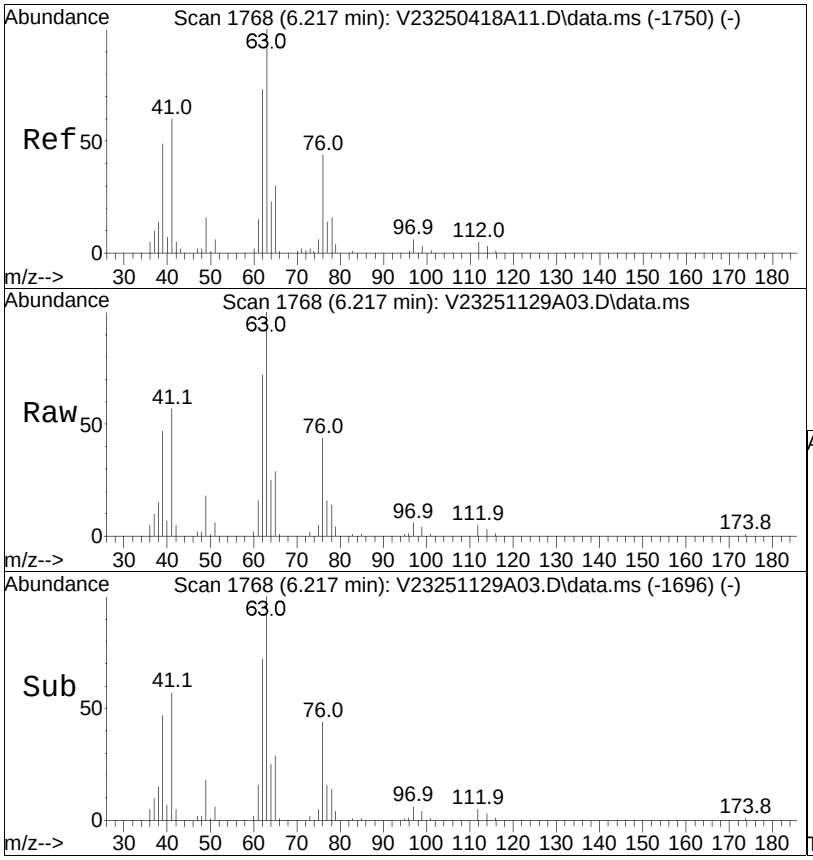


#50
Dibromomethane
Concen: 43.75 ug/L
RT: 6.117 min Scan# 1732
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 93 Resp: 66870

Ion	Ratio	Lower	Upper
93	100		
95	80.9	66.1	99.1
174	107.8	84.2	126.2

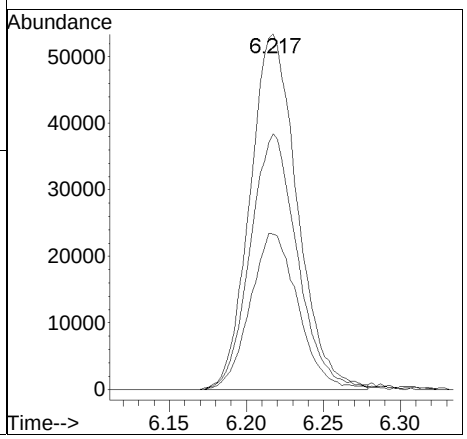


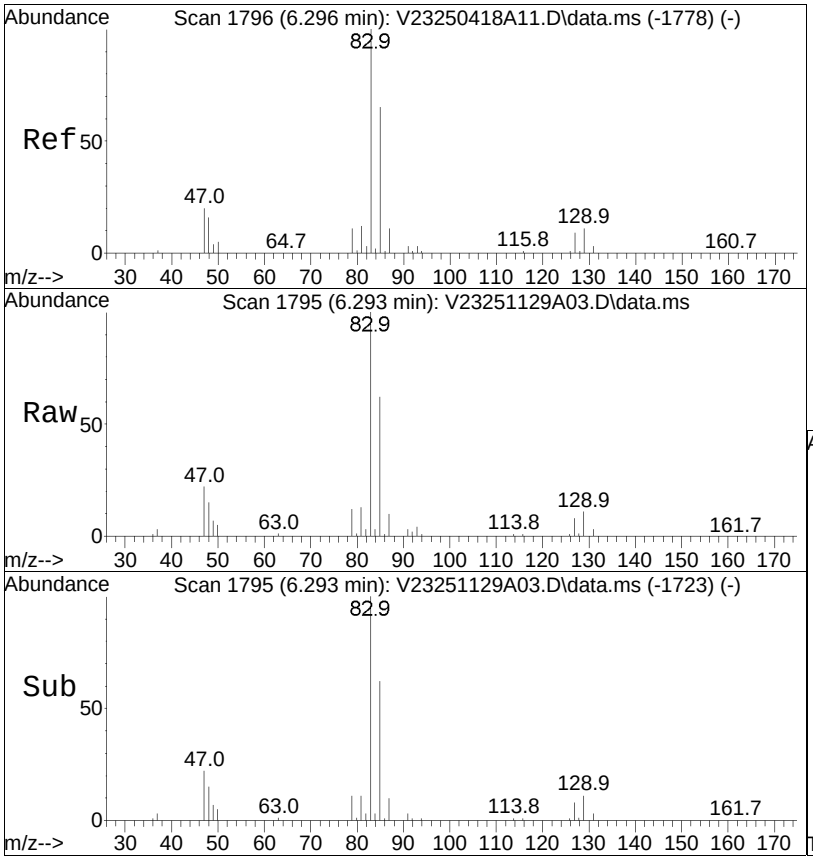


#51
1,2-Dichloropropane
Concen: 44.23 ug/L
RT: 6.217 min Scan# 1768
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 63 Resp: 114103

Ion	Ratio	Lower	Upper
63	100		
62	71.5	56.9	85.3
76	44.6	35.0	52.4

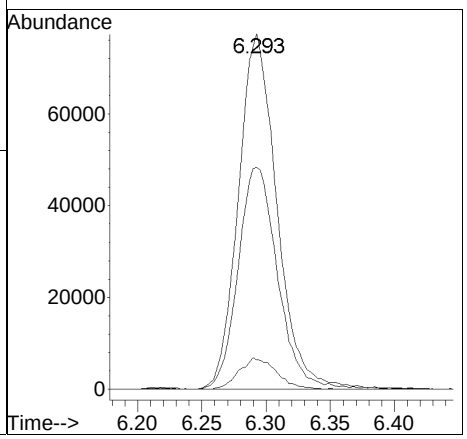


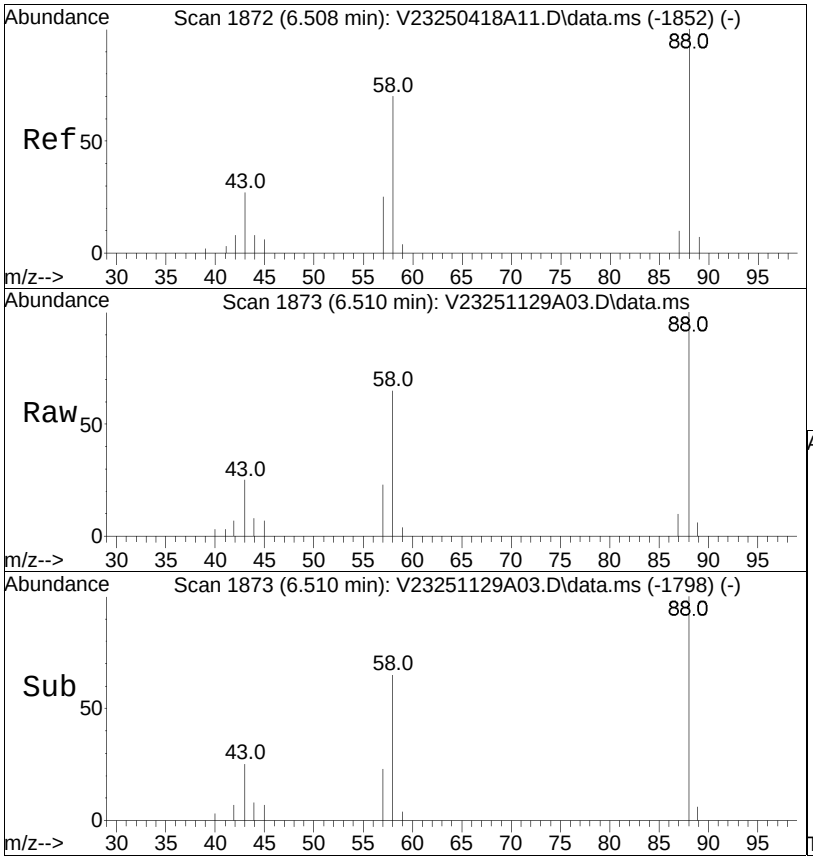


#54
Bromodichloromethane
Concen: 44.64 ug/L
RT: 6.293 min Scan# 1795
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 83 Resp: 161679

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.3	76.9
127	8.7	6.5	9.7

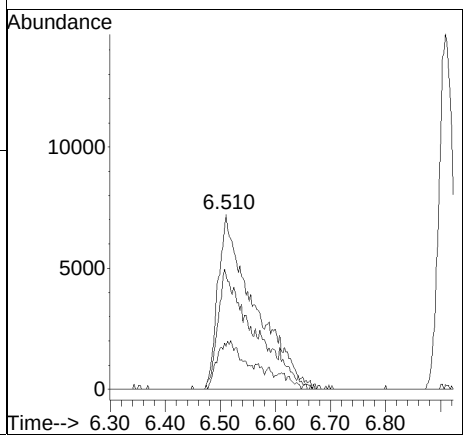


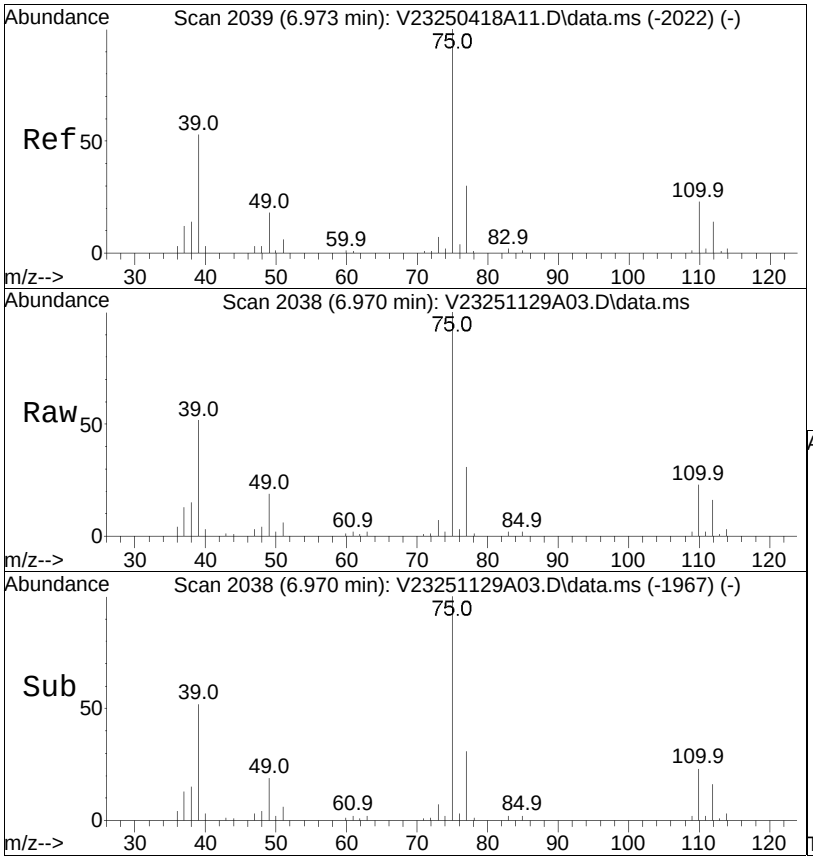


#57
1,4-Dioxane
Concen: 2231.24 ug/L M1
RT: 6.510 min Scan# 1873
Delta R.T. 0.008 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 88 Resp: 33378

Ion	Ratio	Lower	Upper
88	100		
58	46.7	50.2	75.2#
43	19.9	19.1	28.7

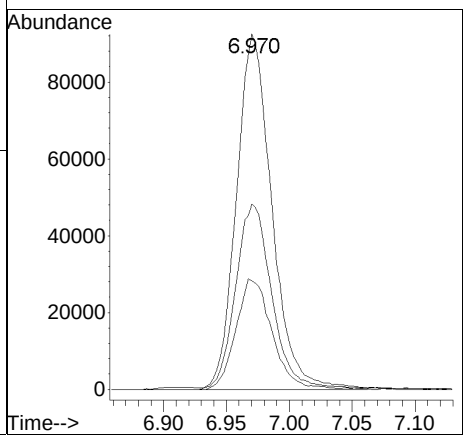


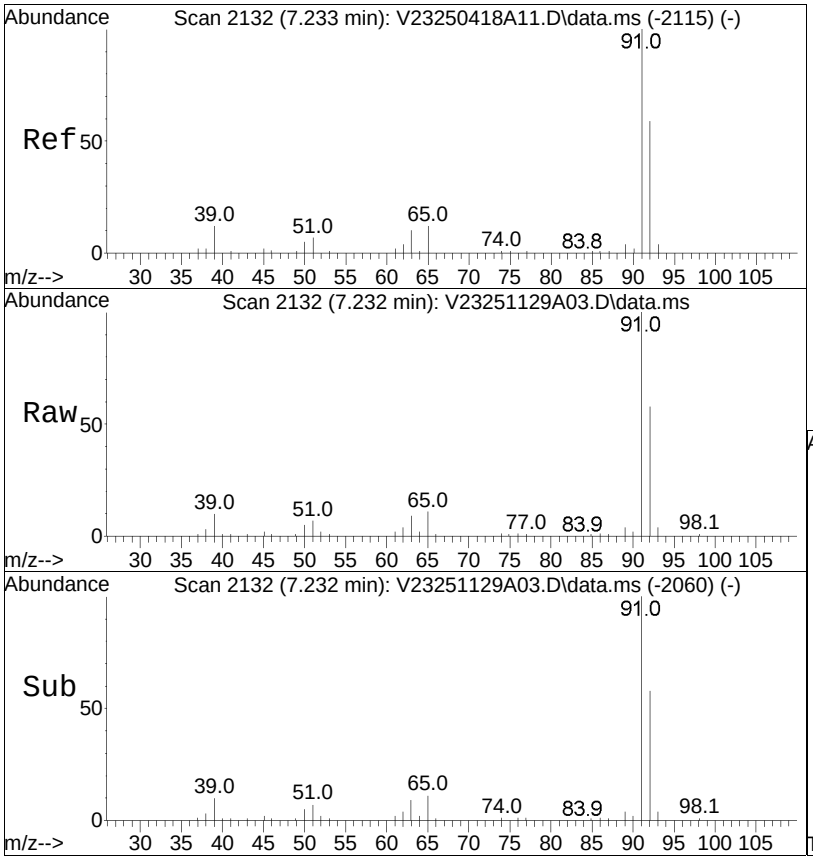


#58
cis-1,3-Dichloropropene
Concen: 45.52 ug/L
RT: 6.970 min Scan# 2038
Delta R.T. -0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 75 Resp: 181402

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.9	38.9
39	51.8	34.5	51.7#

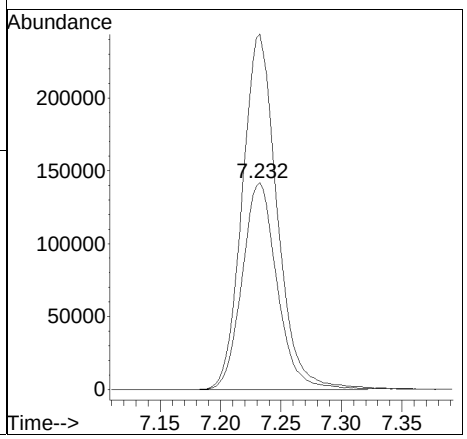


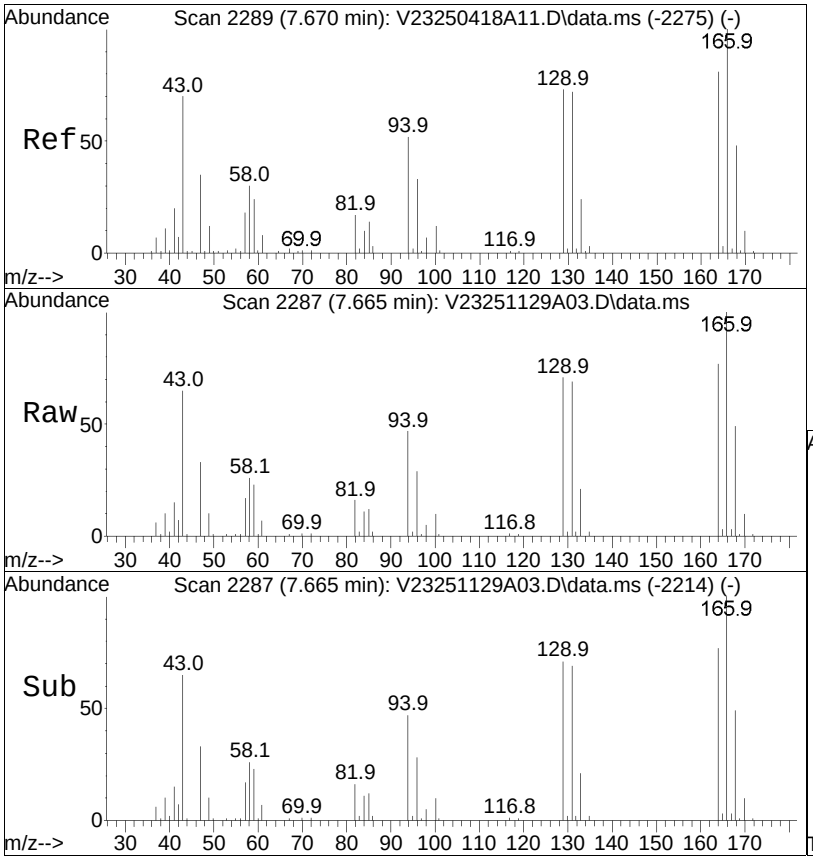


#61
Toluene
Concen: 44.02 ug/L
RT: 7.232 min Scan# 2132
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 92 Resp: 284956

Ion	Ratio	Lower	Upper
92	100		
91	171.5	136.4	204.6

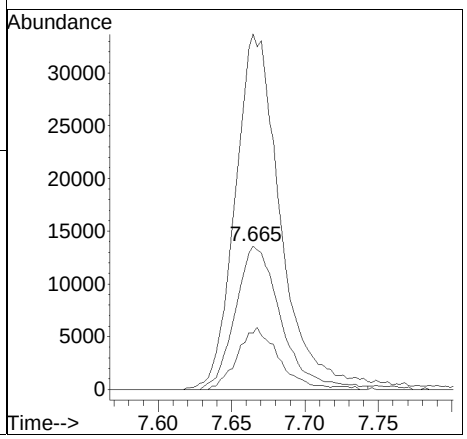


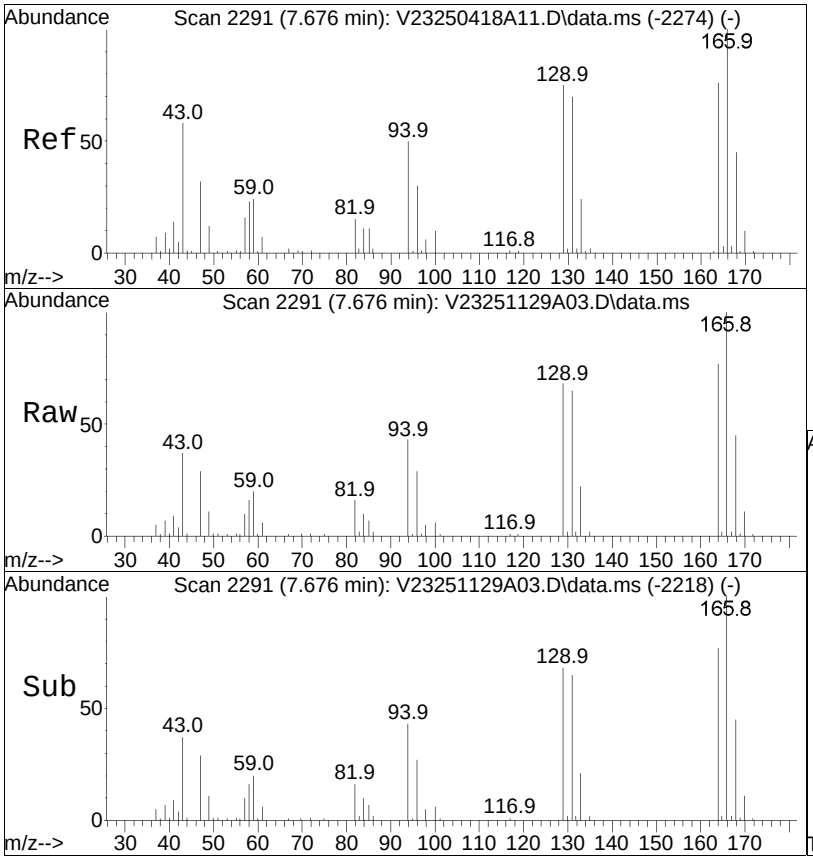


#62
4-Methyl-2-pentanone
Concen: 42.72 ug/L
RT: 7.665 min Scan# 2287
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 58 Resp: 29441

Ion	Ratio	Lower	Upper
58	100		
100	38.9	33.1	49.7
43	243.5	179.0	268.6

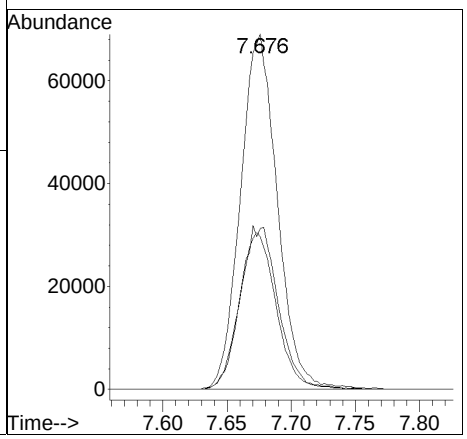


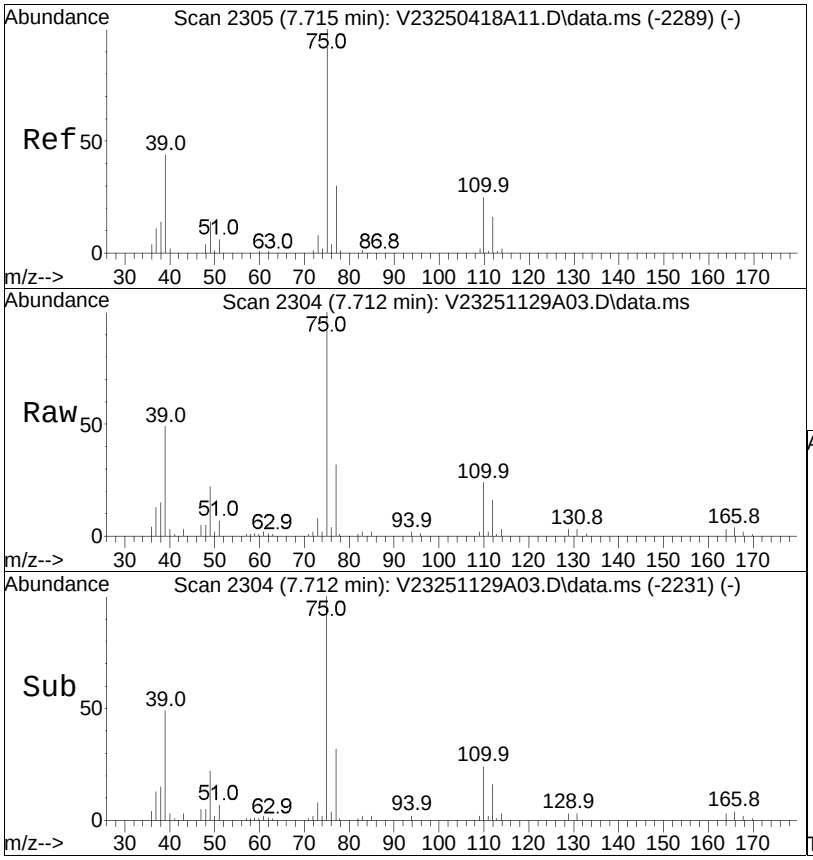


#63
Tetrachloroethene
Concen: 49.60 ug/L
RT: 7.676 min Scan# 2291
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:166 Resp: 138131

Ion	Ratio	Lower	Upper
166	100		
168	47.7	28.0	68.0
94	44.2	23.3	63.3

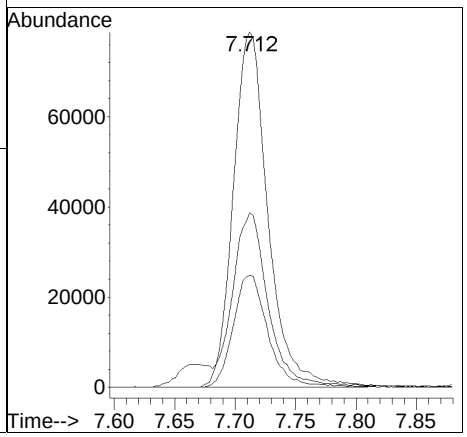


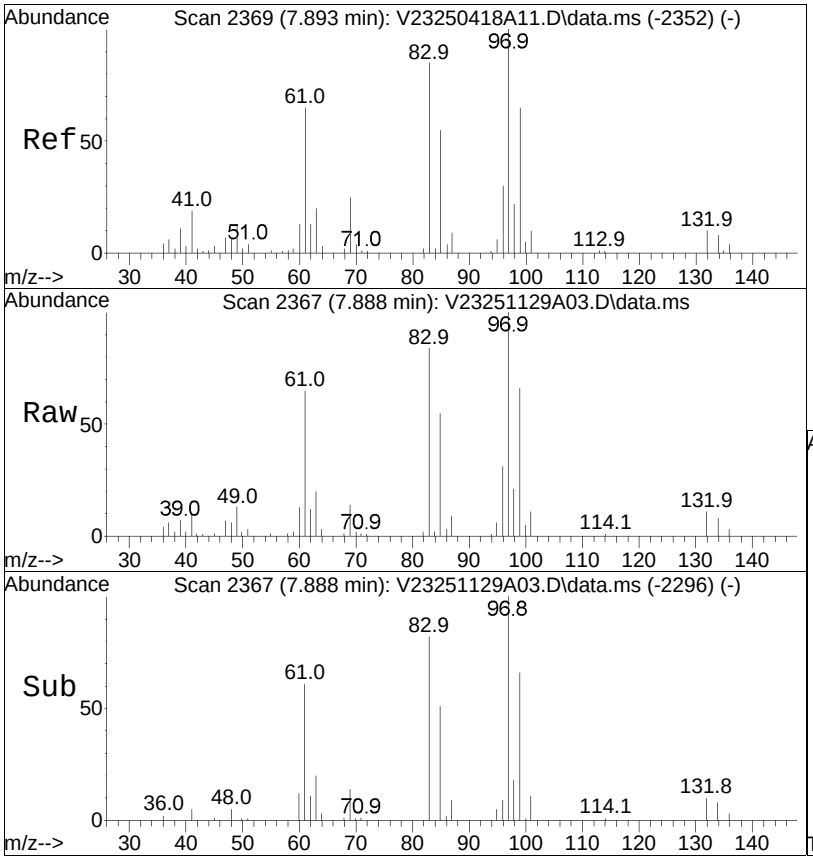


#65
trans-1,3-Dichloropropene
Concen: 43.36 ug/L
RT: 7.712 min Scan# 2304
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 75 Resp: 158125

Ion	Ratio	Lower	Upper
75	100		
77	31.4	12.7	52.7
39	48.9	29.5	69.5

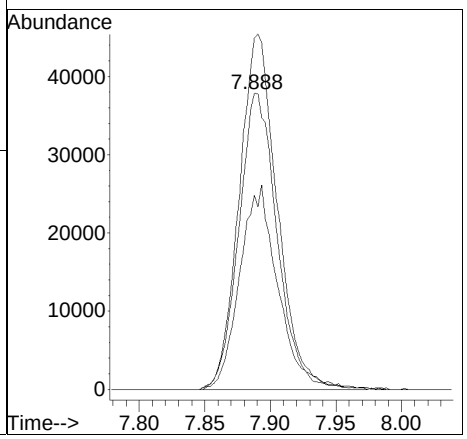


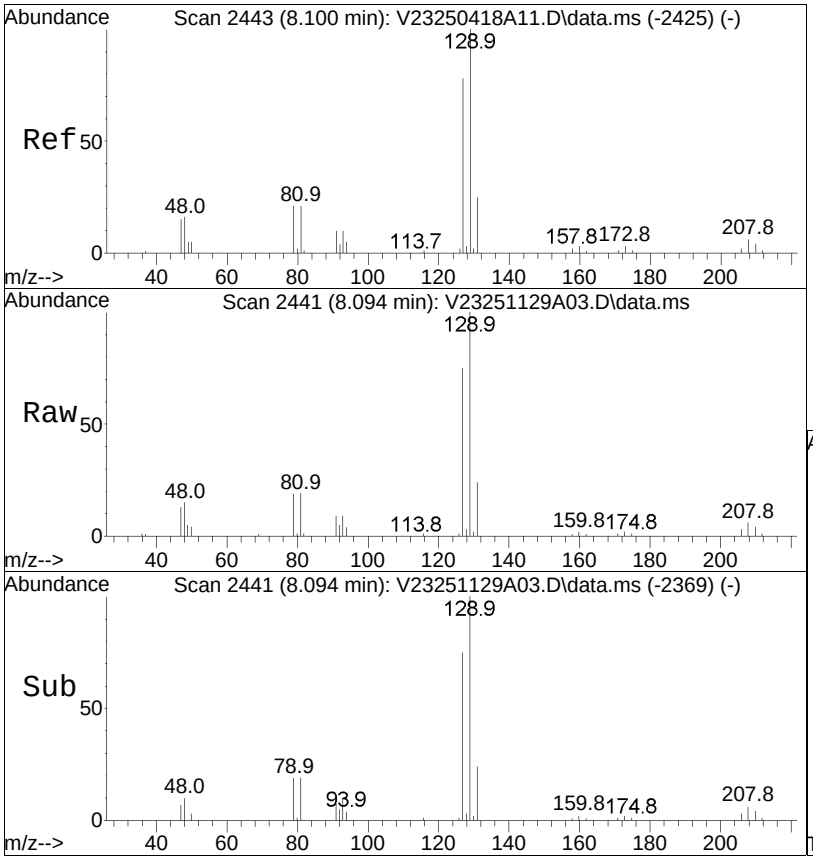


#68
1,1,2-Trichloroethane
Concen: 41.73 ug/L
RT: 7.888 min Scan# 2367
Delta R.T. -0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 83 Resp: 77593

Ion	Ratio	Lower	Upper
83	100		
97	118.9	99.1	139.1
85	67.7	46.8	86.8

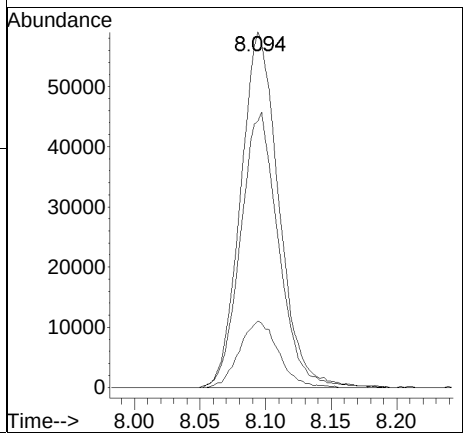


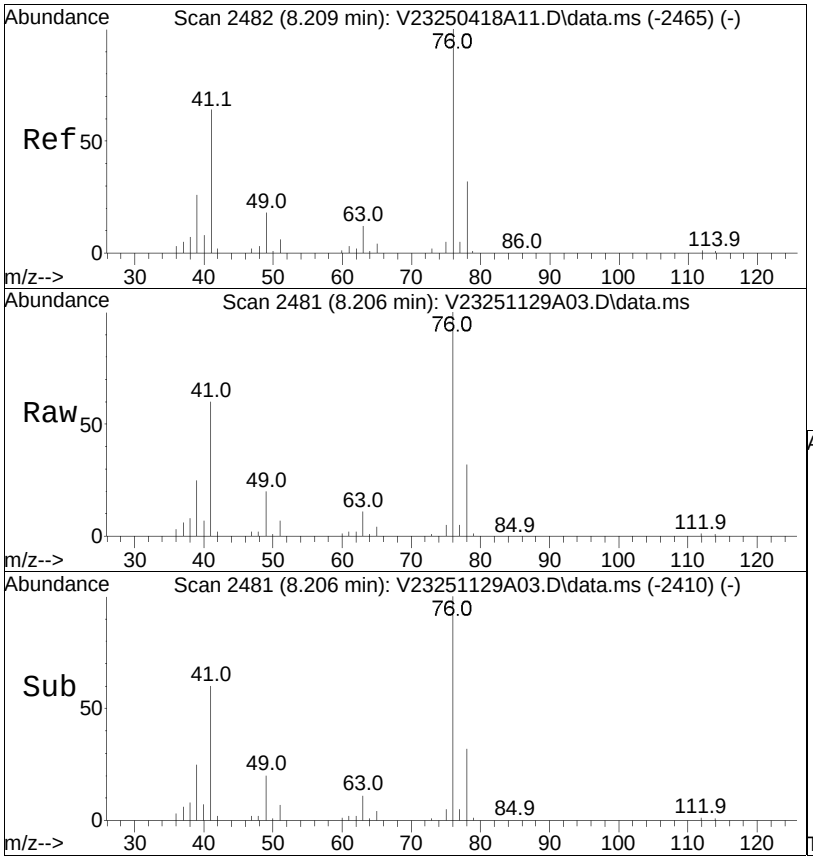


#69
Chlorodibromomethane
Concen: 44.76 ug/L
RT: 8.094 min Scan# 2441
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:129 Resp: 119545

Ion	Ratio	Lower	Upper
129	100		
81	19.1	0.0	35.1
127	77.2	57.6	97.6

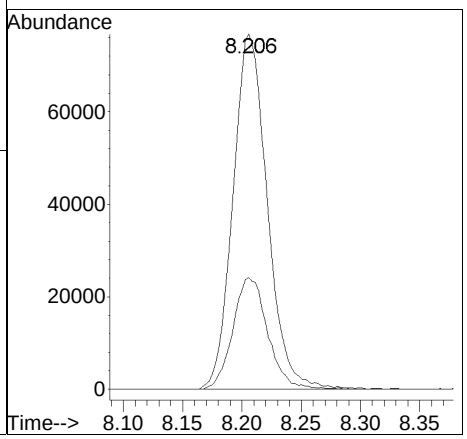


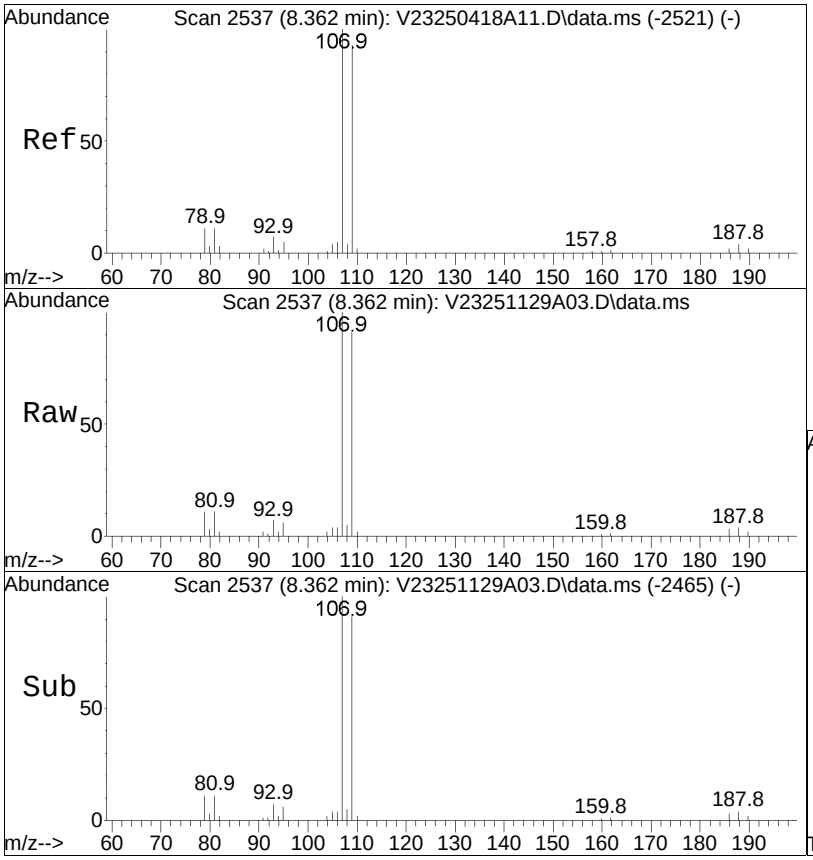


#70
1,3-Dichloropropane
Concen: 42.22 ug/L
RT: 8.206 min Scan# 2481
Delta R.T. -0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 76 Resp: 154989

Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.2

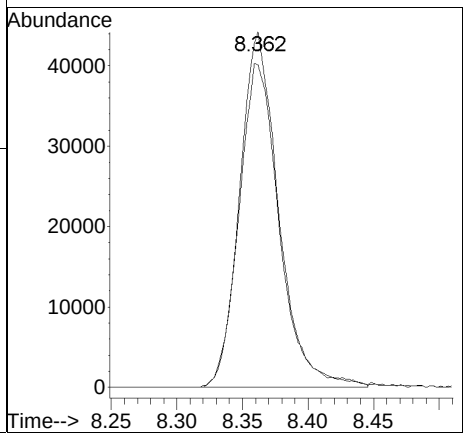


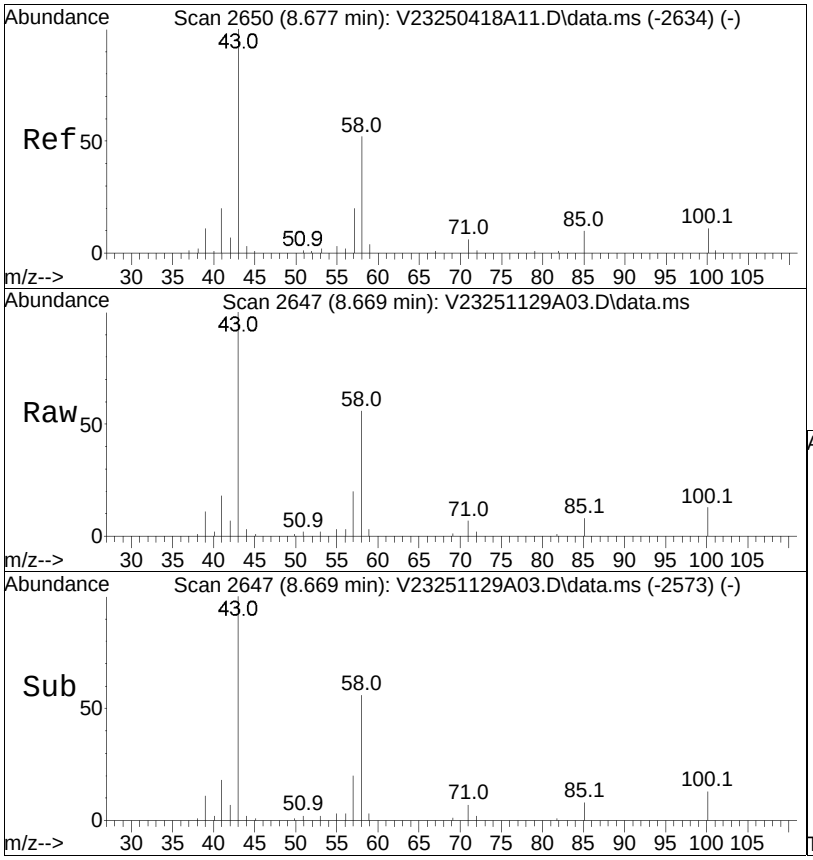


#71
1,2-Dibromoethane
Concen: 44.40 ug/L
RT: 8.362 min Scan# 2537
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:107 Resp: 91643

Ion	Ratio	Lower	Upper
107	100		
109	93.0	76.1	114.1

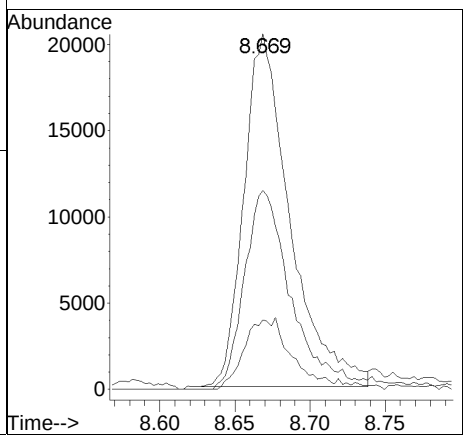


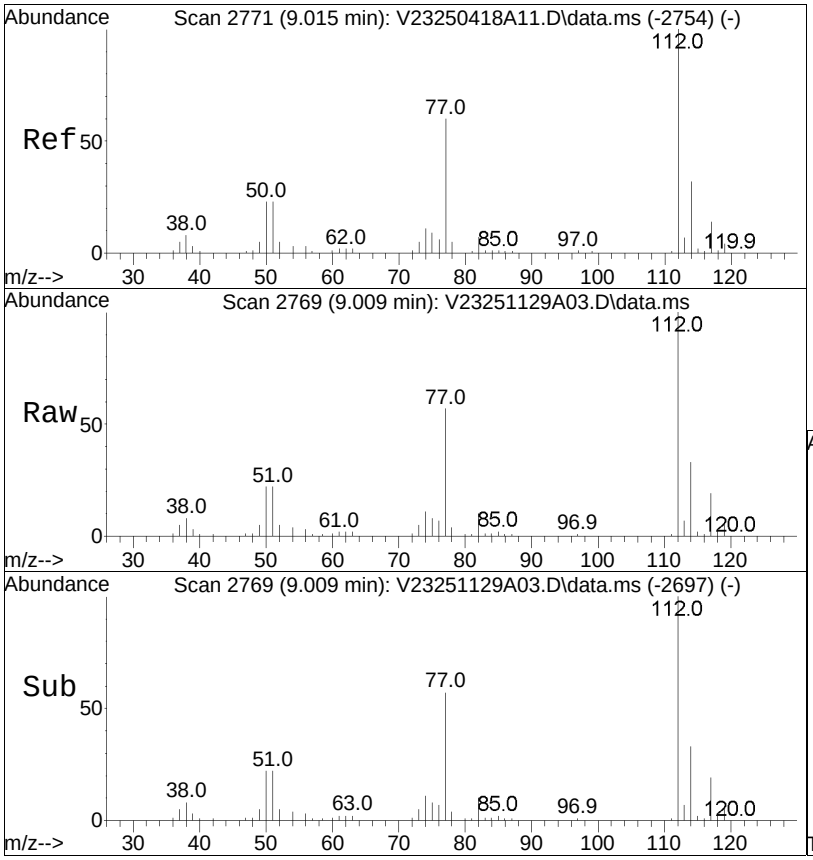


#72
2-Hexanone
Concen: 35.40 ug/L
RT: 8.669 min Scan# 2647
Delta R.T. 0.006 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 43 Resp: 43798

Ion	Ratio	Lower	Upper
43	100		
58	56.8	49.2	73.8
57	20.4	17.4	26.2

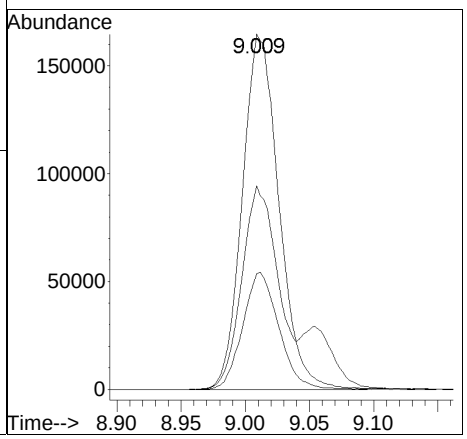


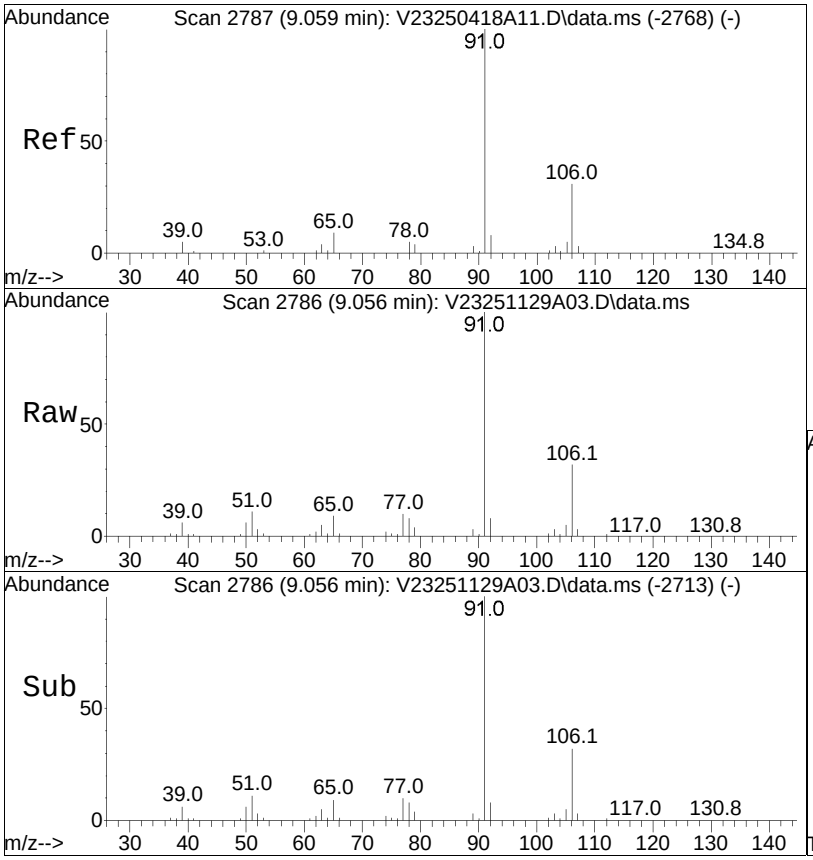


#73
Chlorobenzene
Concen: 44.10 ug/L
RT: 9.009 min Scan# 2769
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:112 Resp: 326252

Ion	Ratio	Lower	Upper
112	100		
77	56.5	58.5	87.7#
114	32.6	25.8	38.6

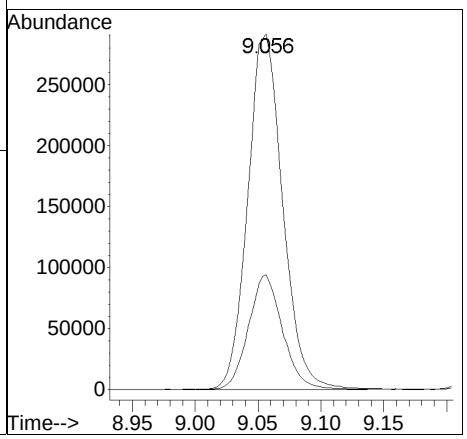


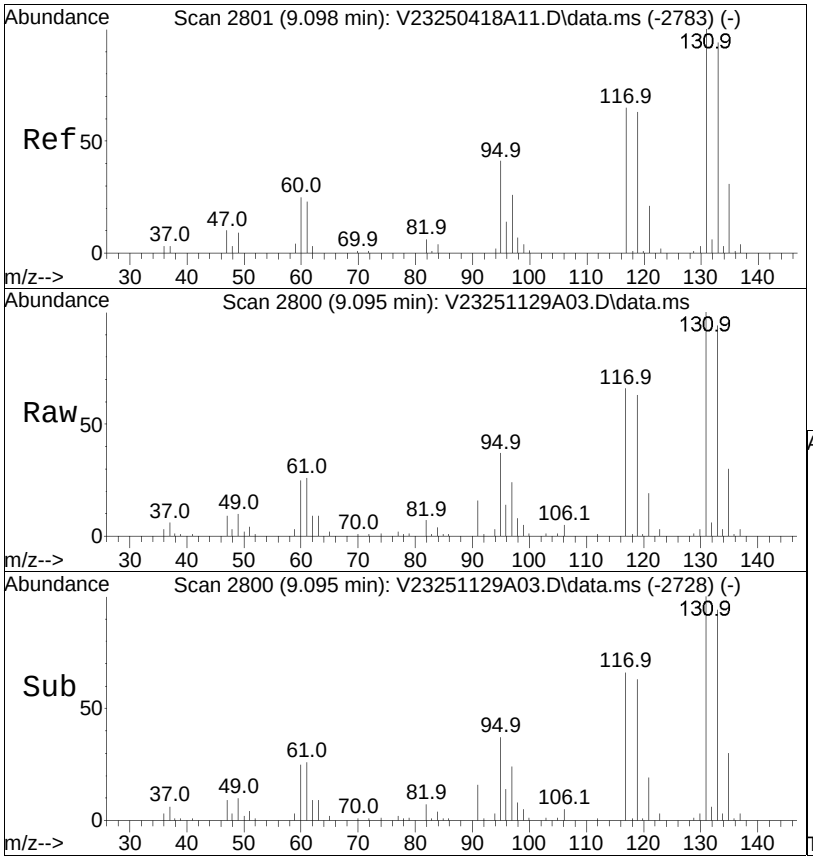


#74
Ethylbenzene
Concen: 44.03 ug/L
RT: 9.056 min Scan# 2786
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 91 Resp: 564306

Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.2	37.8

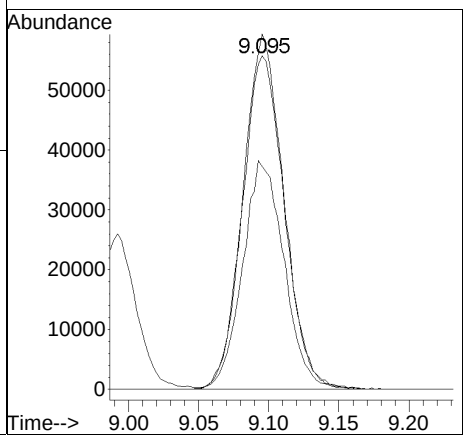


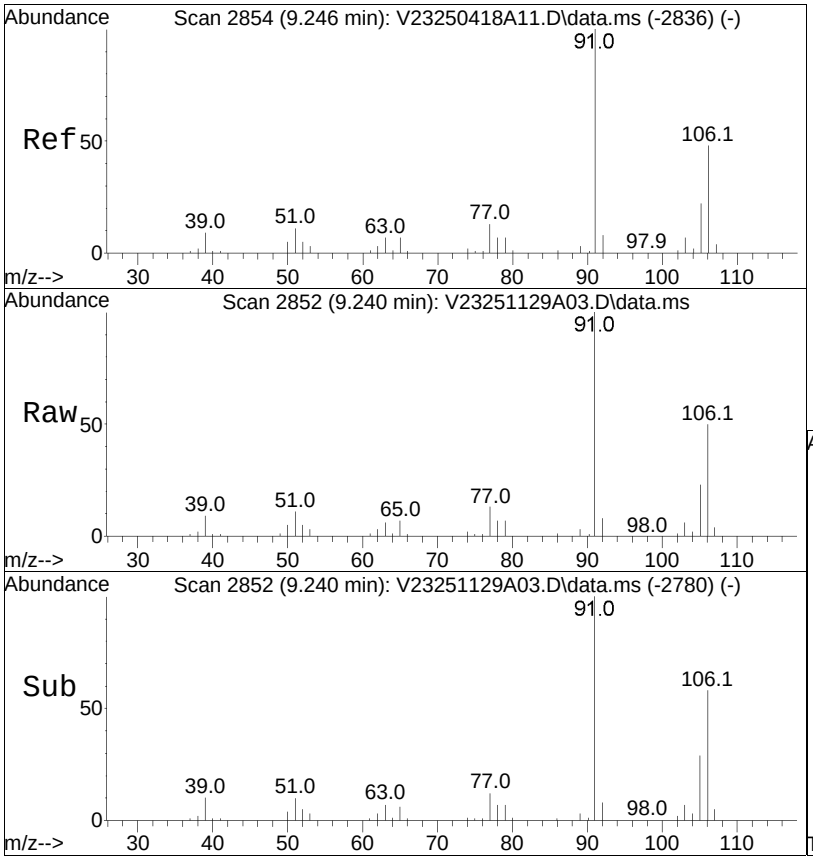


#75
1,1,1,2-Tetrachloroethane
Concen: 44.74 ug/L
RT: 9.095 min Scan# 2800
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:131 Resp: 120946

Ion	Ratio	Lower	Upper
131	100		
133	96.4	75.5	115.5
119	65.3	46.0	86.0

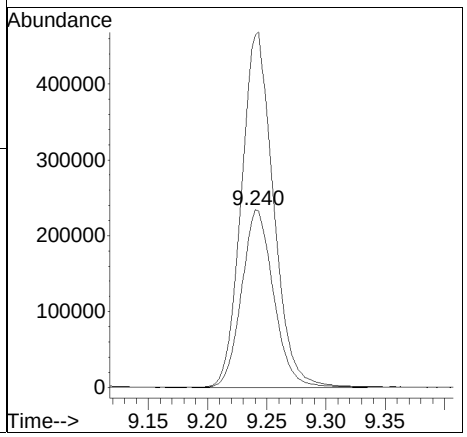


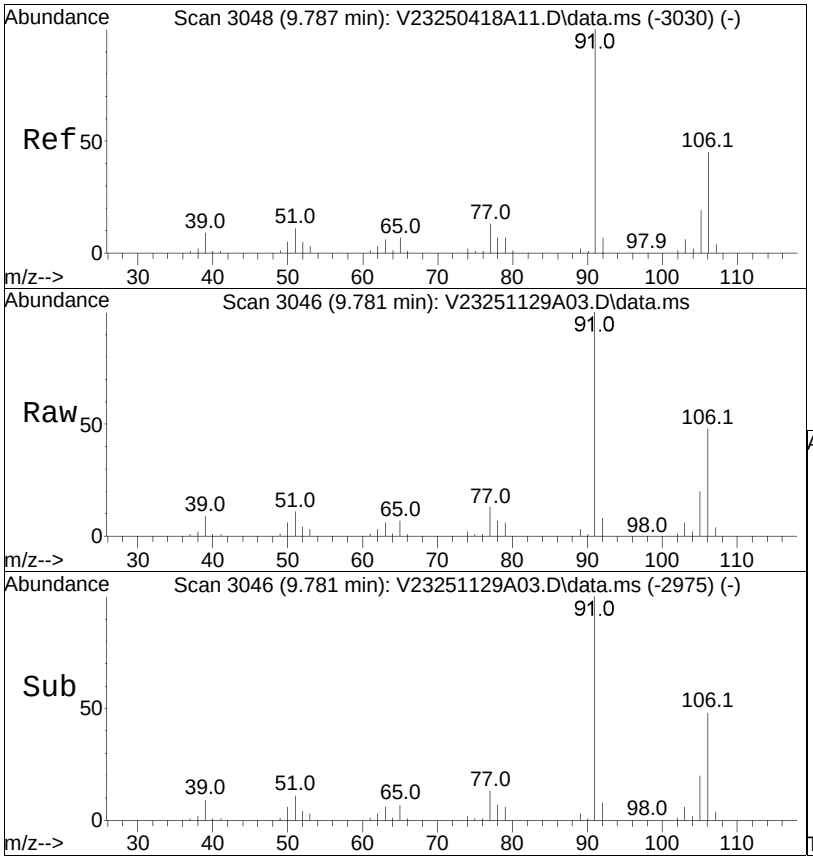


#76
p/m Xylene
Concen: 91.84 ug/L
RT: 9.240 min Scan# 2852
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:106 Resp: 440070

Ion	Ratio	Lower	Upper
106	100		
91	200.2	160.4	240.6

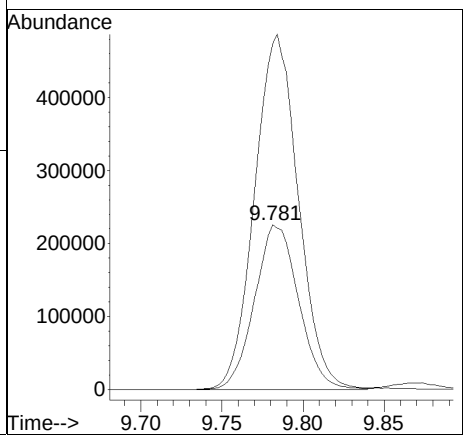


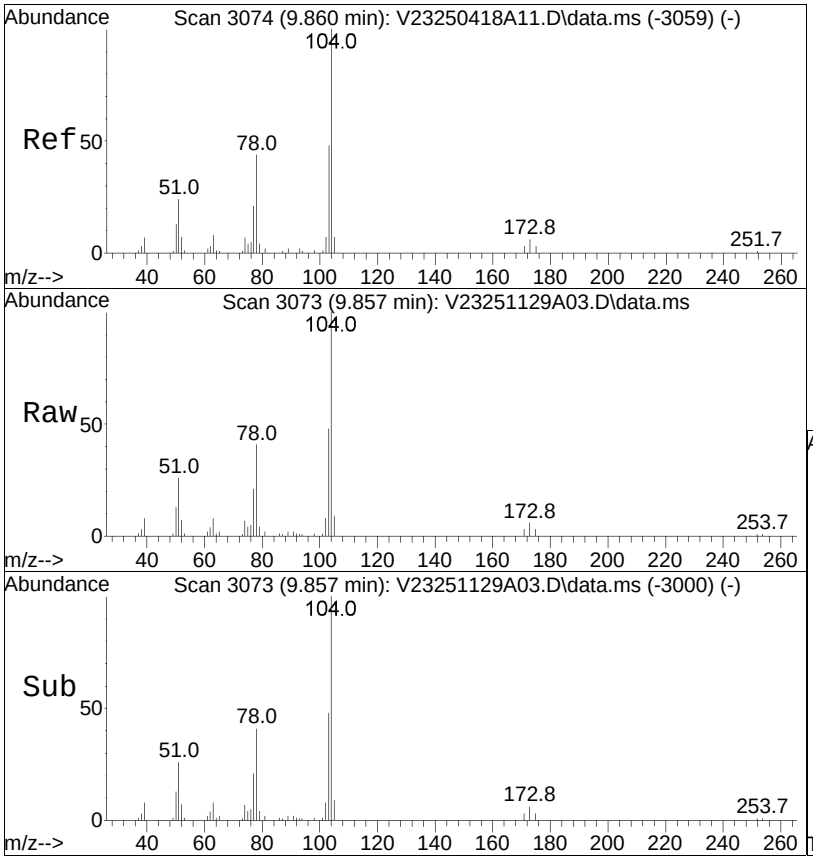


#77
o Xylene
Concen: 87.89 ug/L
RT: 9.781 min Scan# 3046
Delta R.T. -0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:106 Resp: 425003

Ion	Ratio	Lower	Upper
106	100		
91	215.0	169.6	254.4

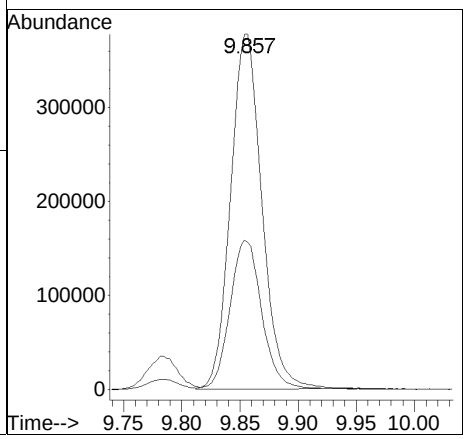


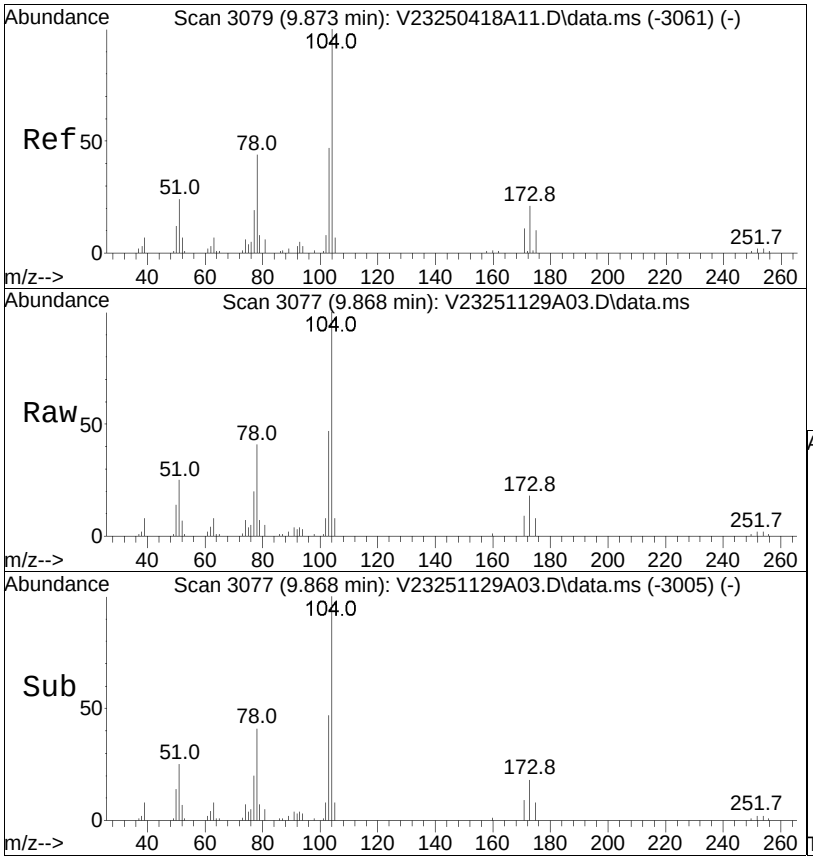


#78
Styrene
Concen: 86.98 ug/L
RT: 9.857 min Scan# 3073
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:104 Resp: 708703

Ion	Ratio	Lower	Upper
104	100		
78	42.4	33.8	50.6

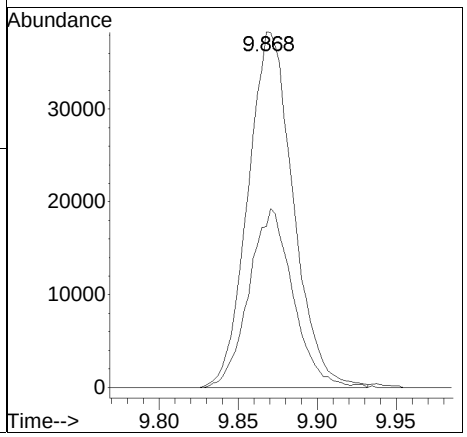


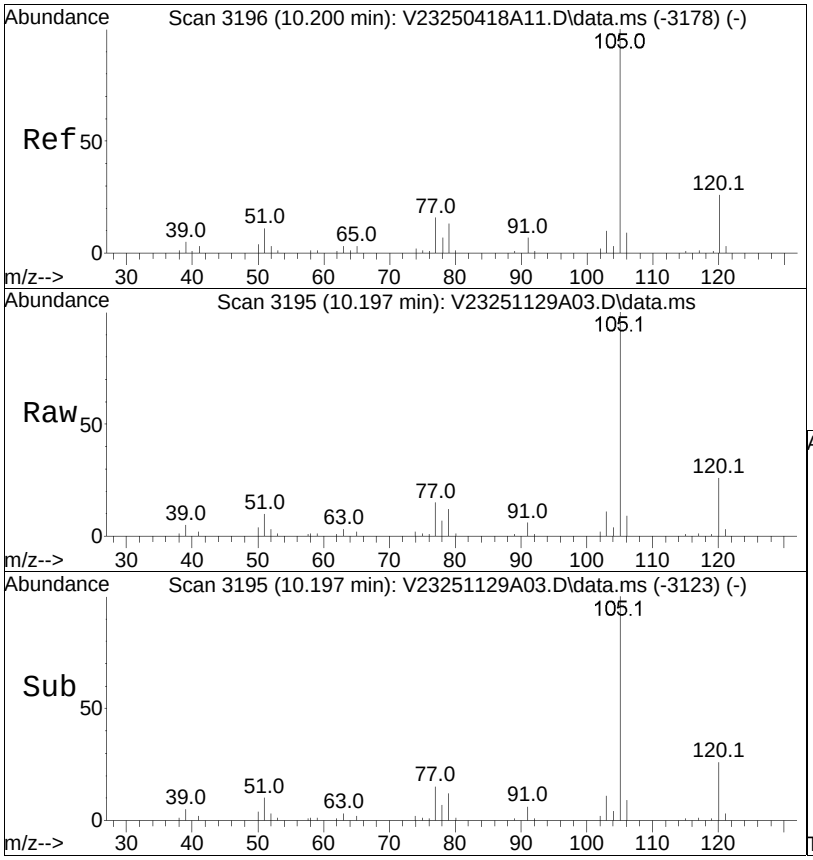


#80
Bromoform
Concen: 41.61 ug/L
RT: 9.868 min Scan# 3077
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:173 Resp: 76444

Ion	Ratio	Lower	Upper
173	100		
175	48.6	28.7	68.7

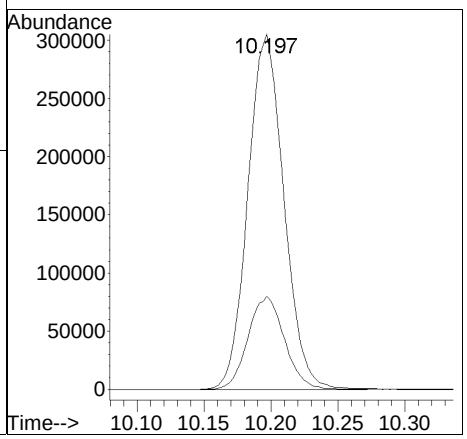


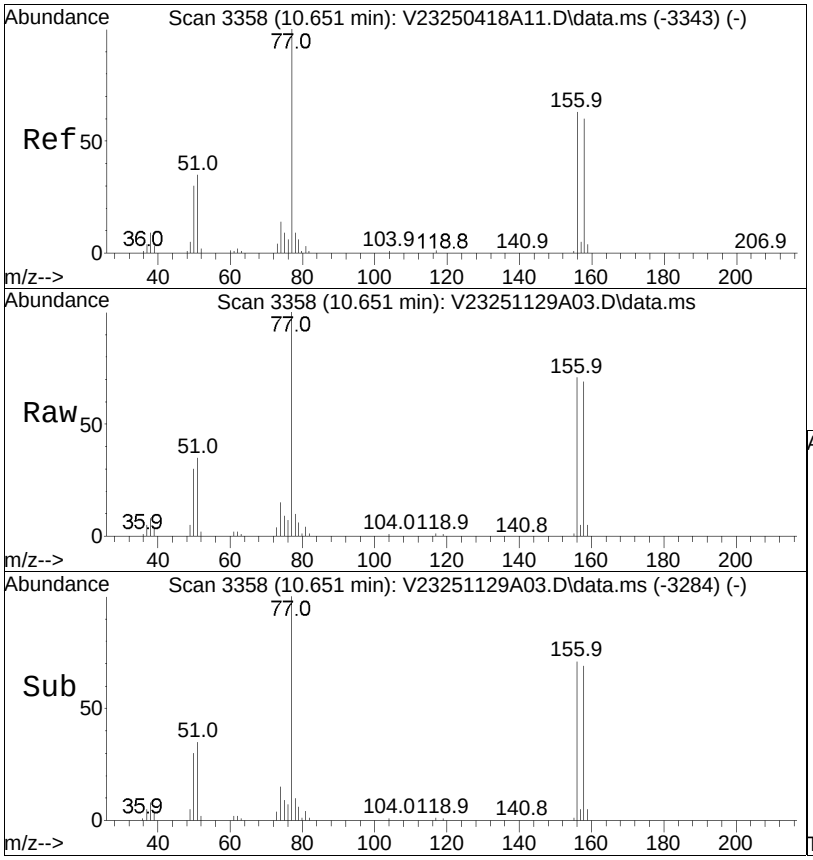


#82
Isopropylbenzene
Concen: 44.93 ug/L
RT: 10.197 min Scan# 3195
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:105 Resp: 570001

Ion	Ratio	Lower	Upper
105	100		
120	26.5	6.6	46.6

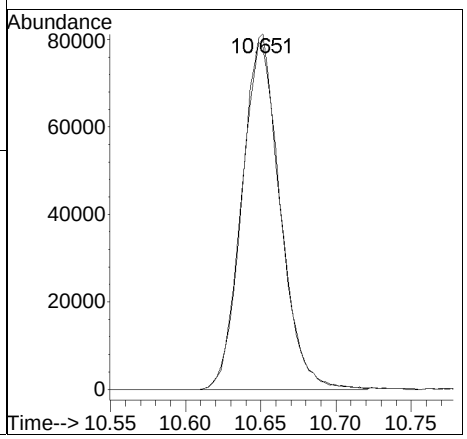


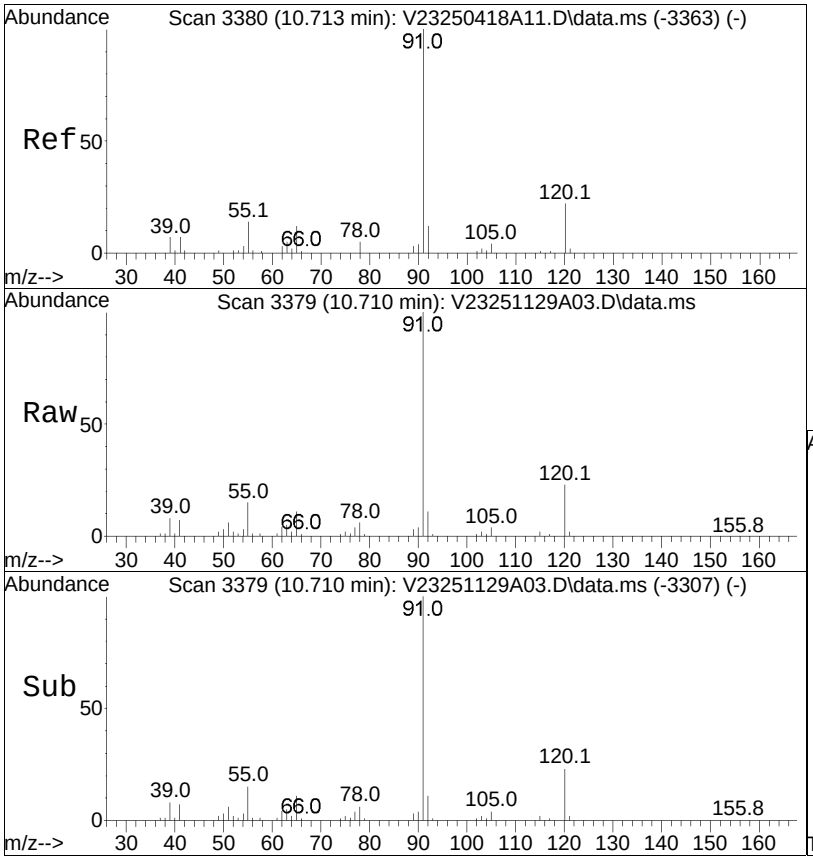


#84
Bromobenzene
Concen: 42.18 ug/L
RT: 10.651 min Scan# 3358
Delta R.T. 0.005 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:156 Resp: 144259

Ion	Ratio	Lower	Upper
156	100		
158	97.6	77.7	116.5

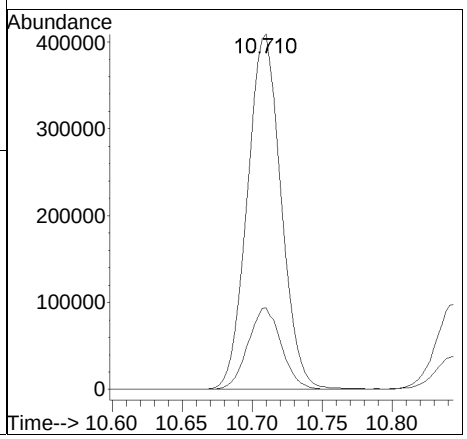


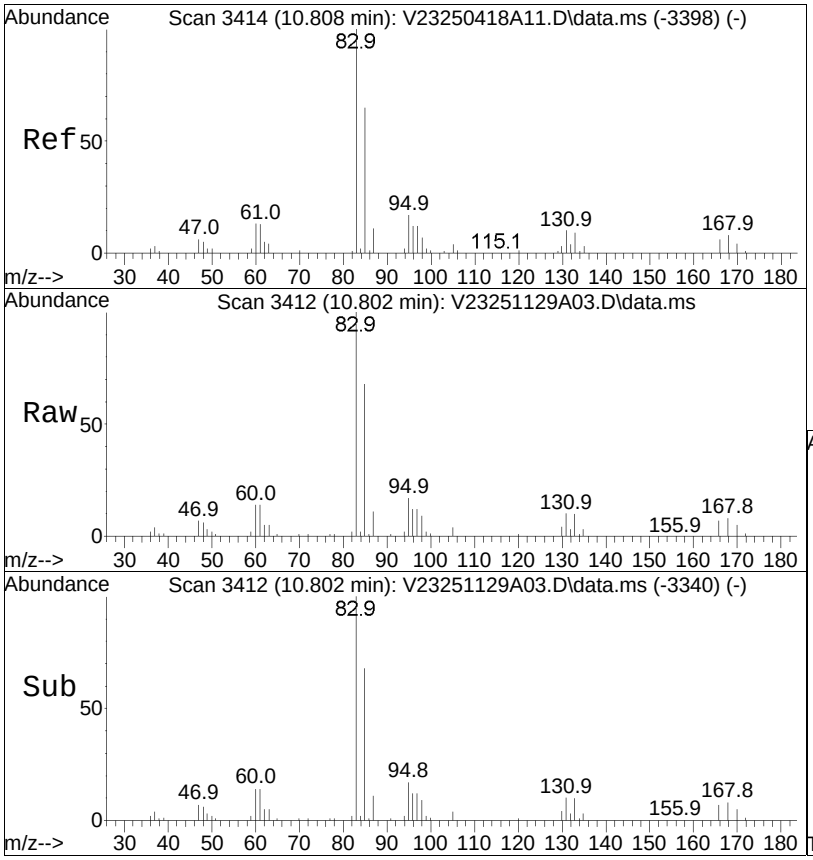


#85
n-Propylbenzene
Concen: 45.32 ug/L
RT: 10.710 min Scan# 3379
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 91 Resp: 684470

Ion	Ratio	Lower	Upper
91	100		
120	22.8	18.2	27.2

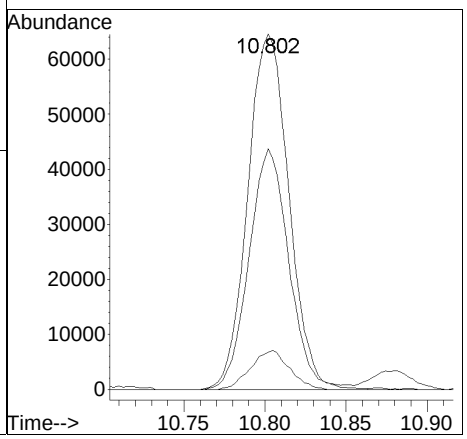


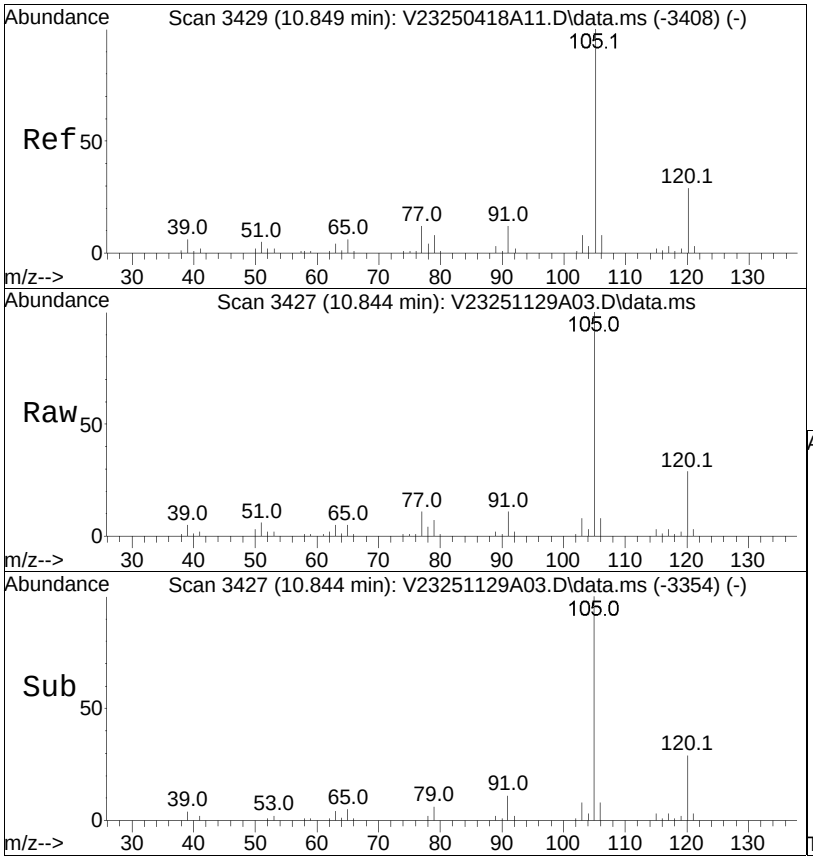


#87
1,1,2,2-Tetrachloroethane
Concen: 40.80 ug/L
RT: 10.802 min Scan# 3412
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 83 Resp: 113919

Ion	Ratio	Lower	Upper
83	100		
131	10.3	0.0	30.1
85	65.6	45.1	85.1

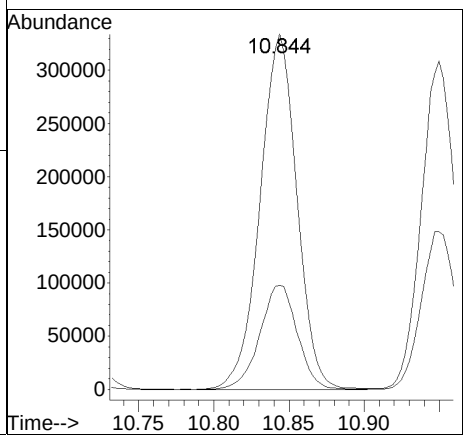


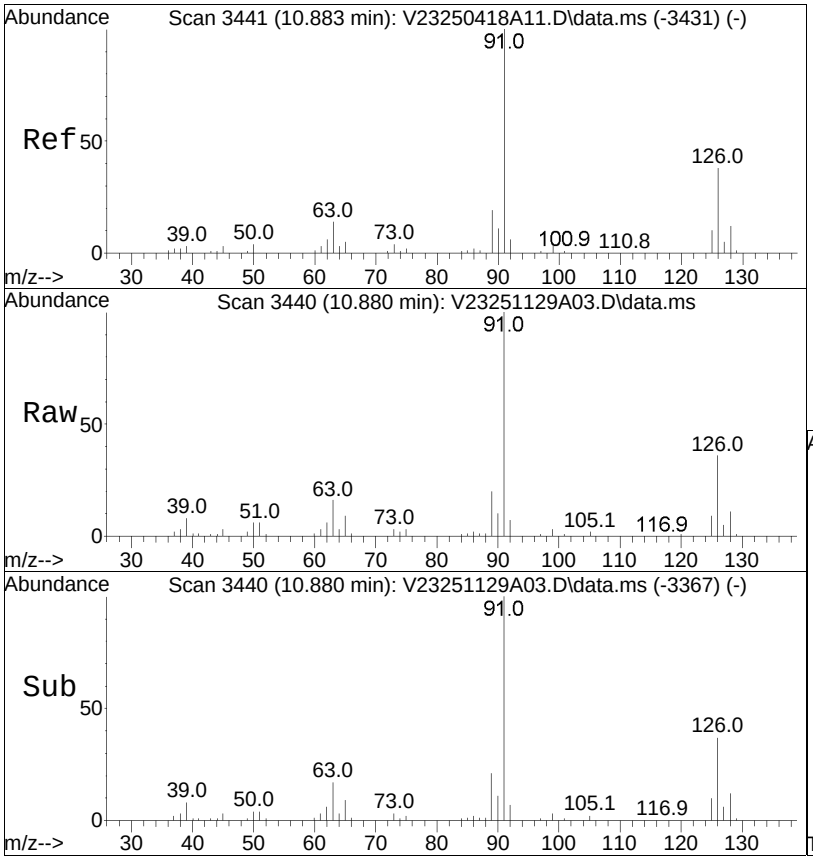


#88
4-Ethyltoluene
Concen: 45.29 ug/L
RT: 10.844 min Scan# 3427
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:105 Resp: 569265

Ion	Ratio	Lower	Upper
105	100		
120	29.9	19.4	40.4

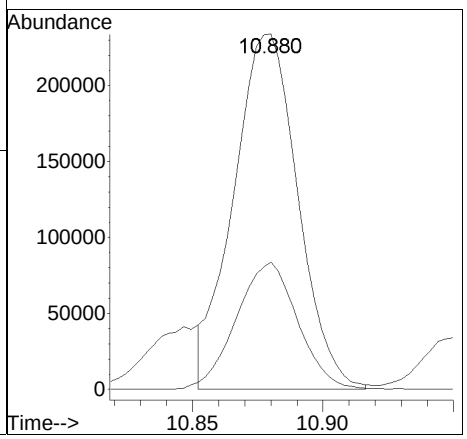


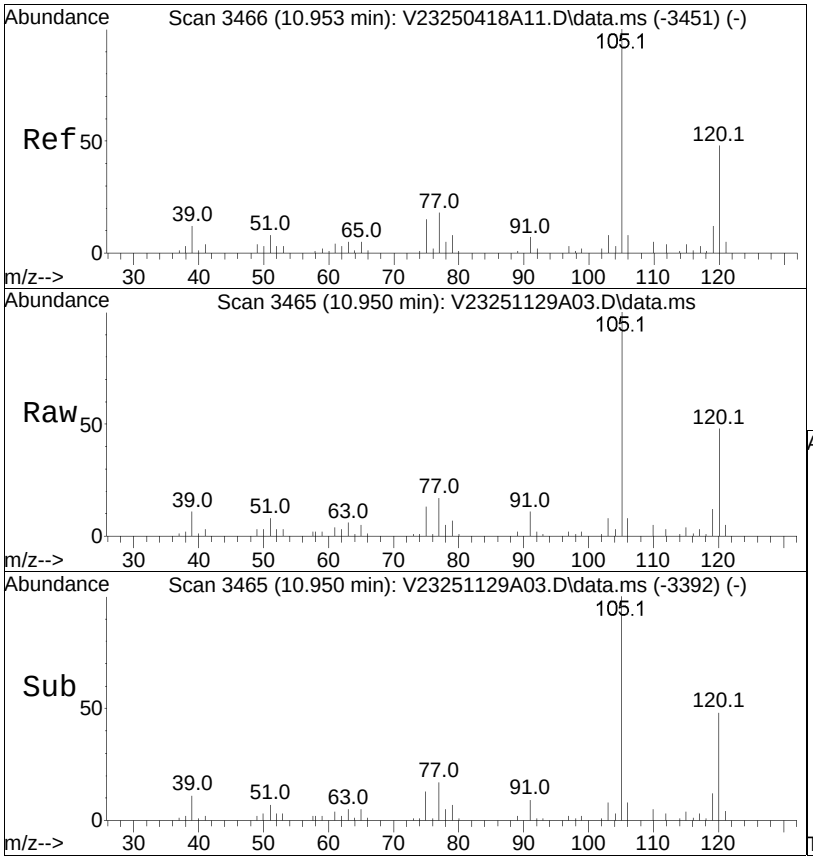


#89
2-Chlorotoluene
Concen: 42.68 ug/L M6
RT: 10.880 min Scan# 3440
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 91 Resp: 402520

Ion	Ratio	Lower	Upper
91	100		
126	34.1	26.7	40.1

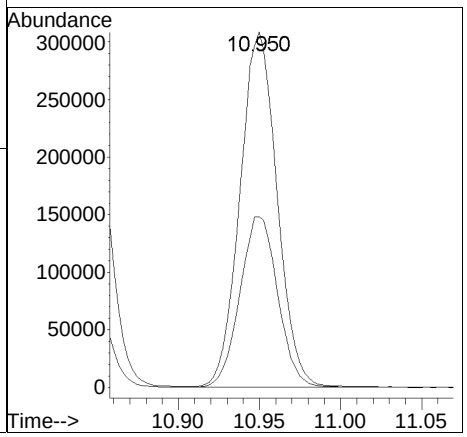


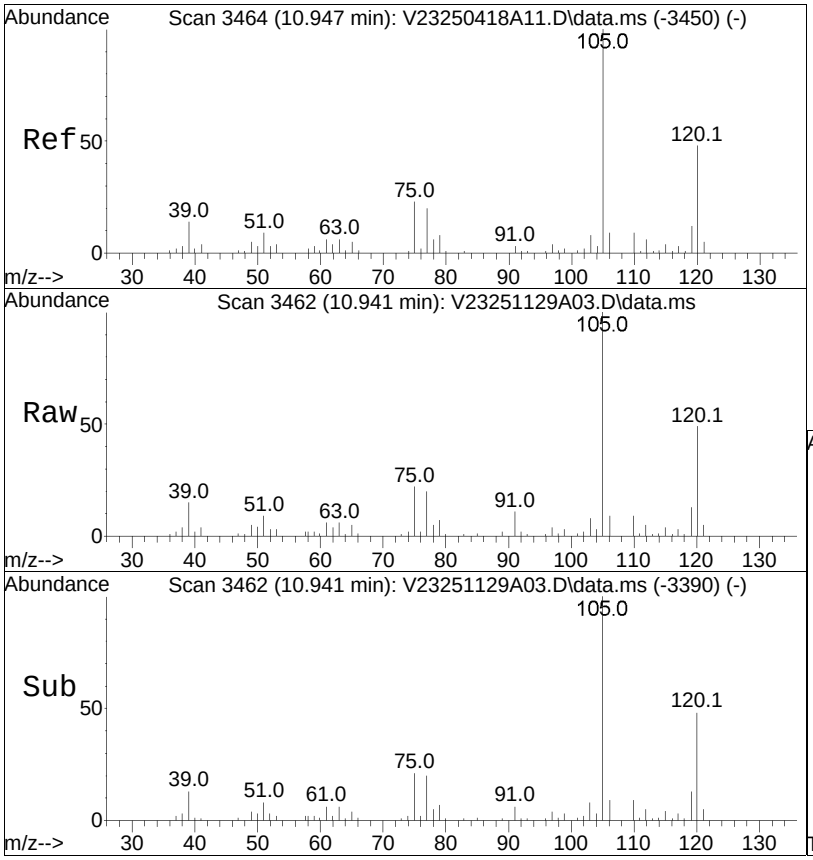


#90
1,3,5-Trimethylbenzene
Concen: 43.94 ug/L
RT: 10.950 min Scan# 3465
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:105 Resp: 489835

Ion	Ratio	Lower	Upper
105	100		
120	49.0	39.9	59.9

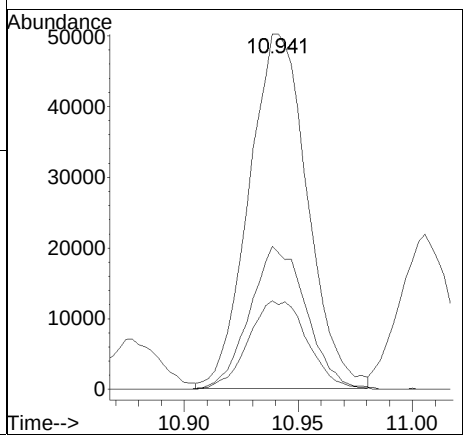


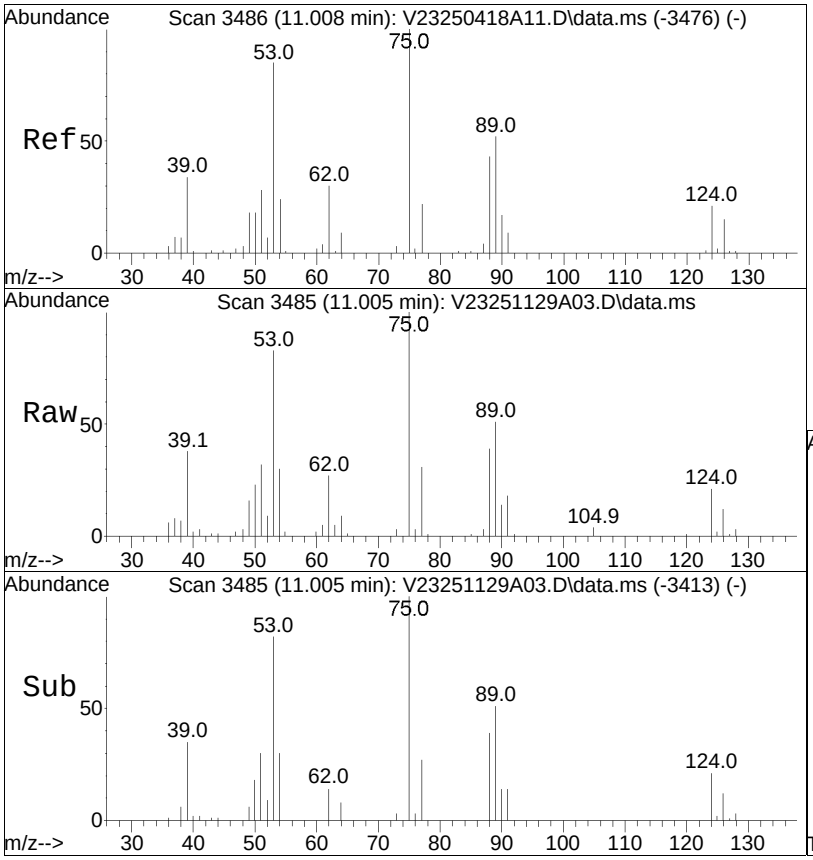


#91
1,2,3-Trichloropropane
Concen: 40.58 ug/L
RT: 10.941 min Scan# 3462
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 75 Resp: 89567

Ion	Ratio	Lower	Upper
75	100		
110	38.9	24.6	51.0
112	25.2	15.7	32.5

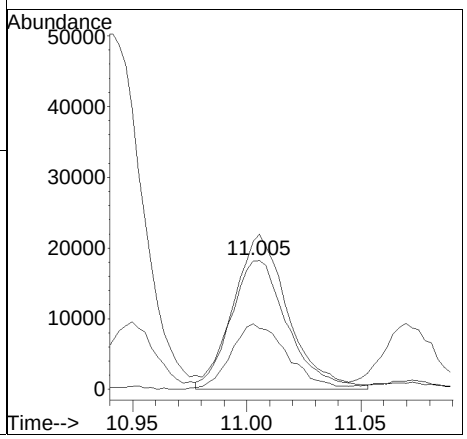


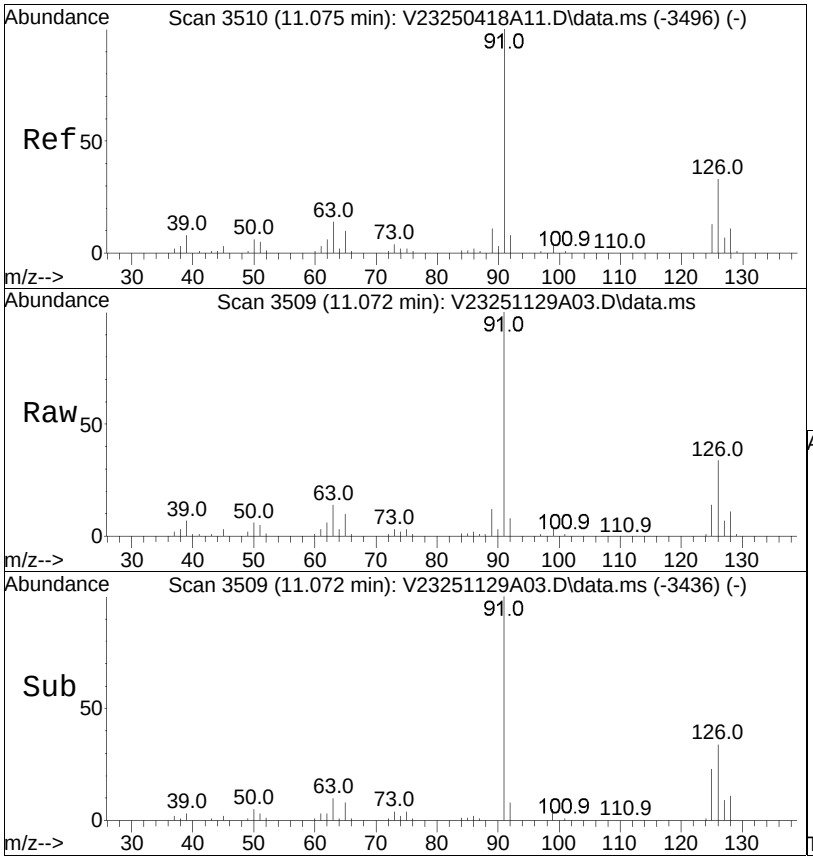


#92
trans-1,4-Dichloro-2-butene
Concen: 40.59 ug/L
RT: 11.005 min Scan# 3485
Delta R.T. -0.001 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 53 Resp: 31660

Ion	Ratio	Lower	Upper
53	100		
88	50.6	45.1	67.7
75	110.6	116.5	174.7#

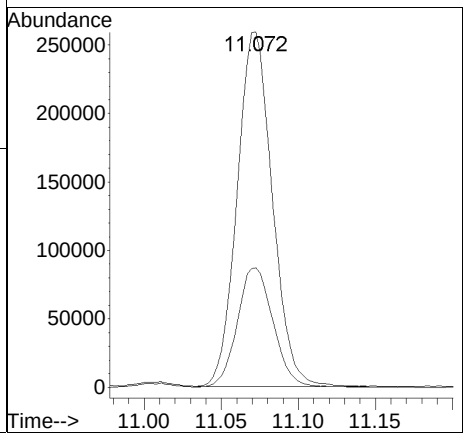


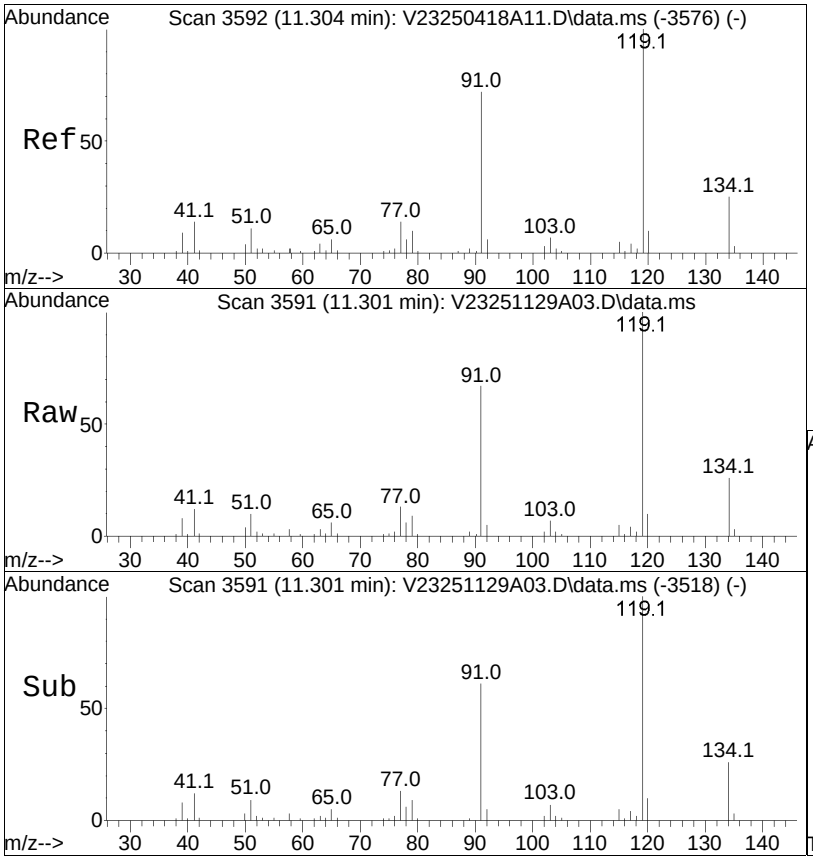


#93
4-Chlorotoluene
Concen: 42.88 ug/L
RT: 11.072 min Scan# 3509
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 91 Resp: 411002

Ion	Ratio	Lower	Upper
91	100		
126	34.2	26.9	40.3

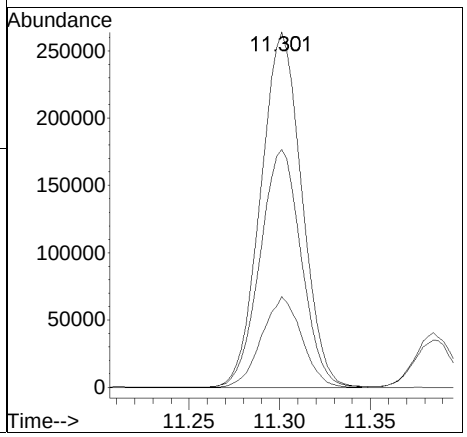


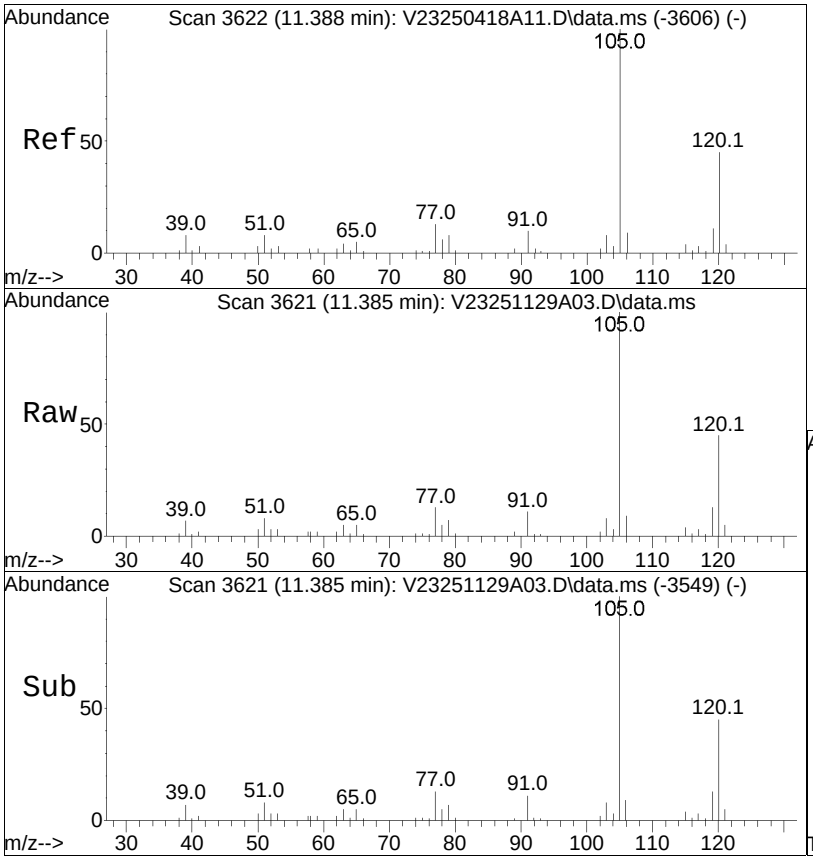


#94
tert-Butylbenzene
Concen: 44.64 ug/L
RT: 11.301 min Scan# 3591
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:119 Resp: 416701

Ion	Ratio	Lower	Upper
119	100		
91	67.2	53.1	79.7
134	24.9	20.4	30.6

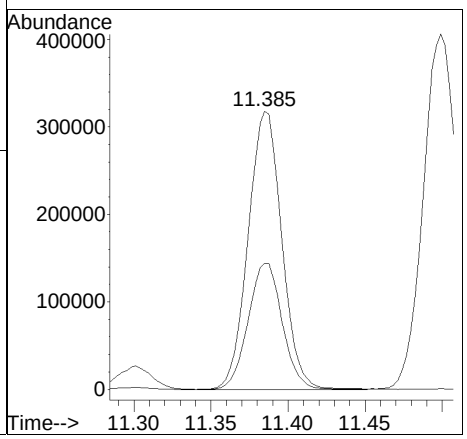


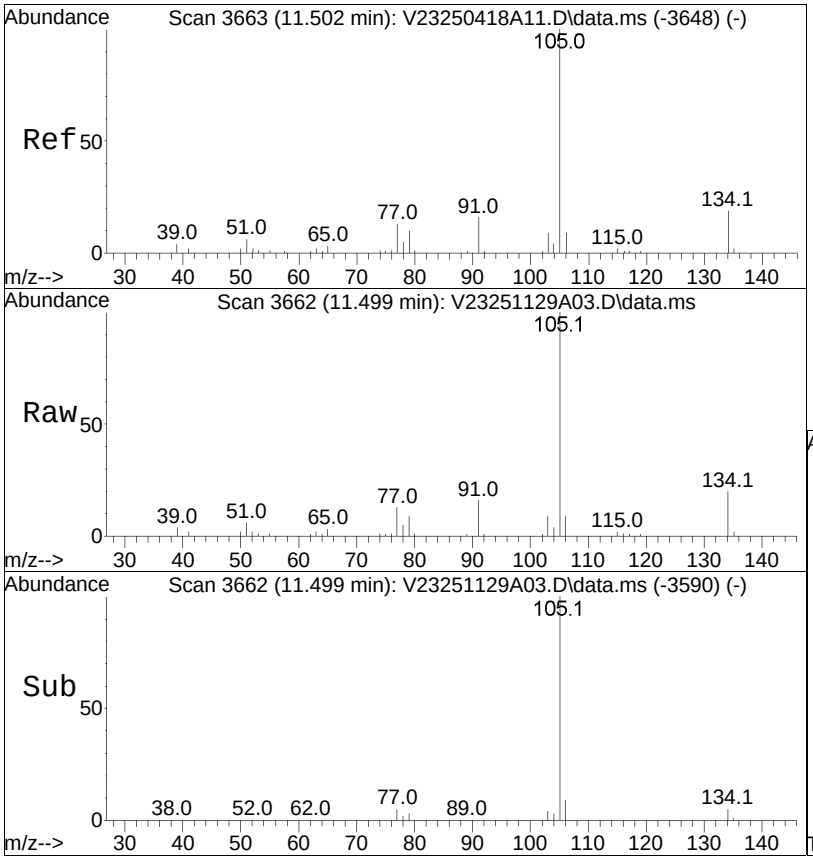


#97
1,2,4-Trimethylbenzene
Concen: 43.61 ug/L
RT: 11.385 min Scan# 3621
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:105 Resp: 483303

Ion	Ratio	Lower	Upper
105	100		
120	46.0	36.9	55.3

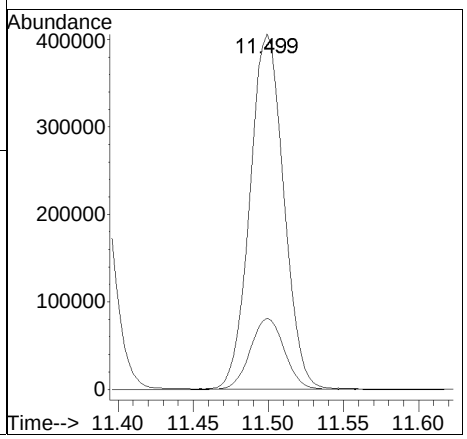


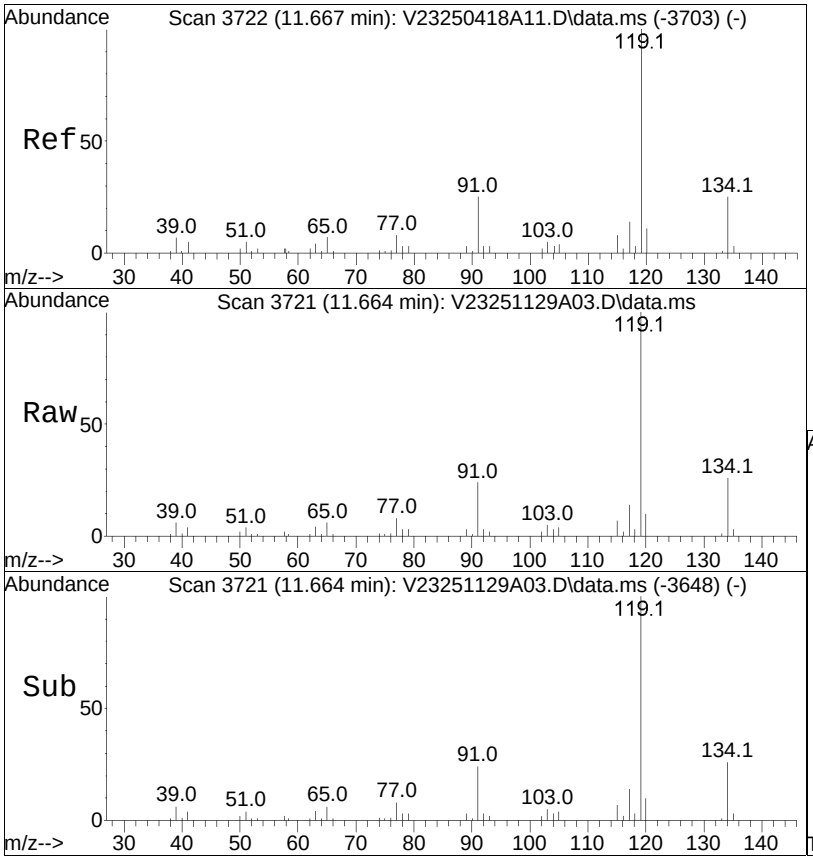


#98
sec-Butylbenzene
Concen: 45.56 ug/L
RT: 11.499 min Scan# 3662
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:105 Resp: 636237

Ion	Ratio	Lower	Upper
105	100		
134	20.1	13.1	27.1

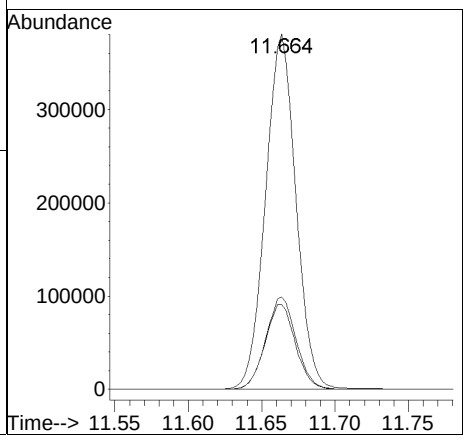


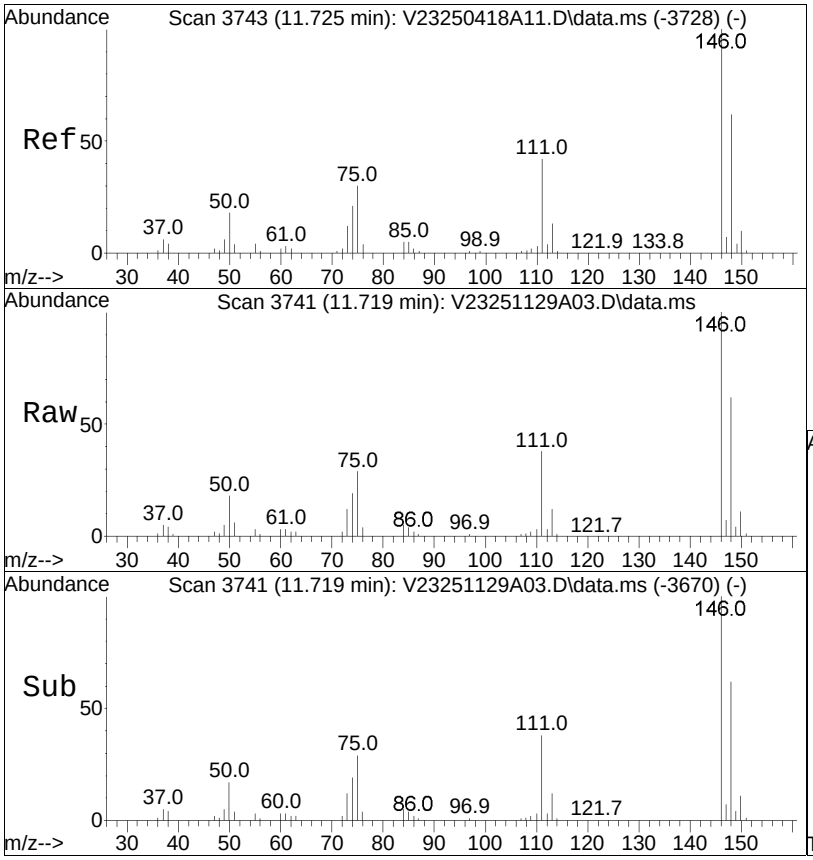


#99
p-Isopropyltoluene
Concen: 45.37 ug/L
RT: 11.664 min Scan# 3721
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:119 Resp: 548725

Ion	Ratio	Lower	Upper
119	100		
134	26.1	17.2	35.6
91	24.1	15.1	31.3

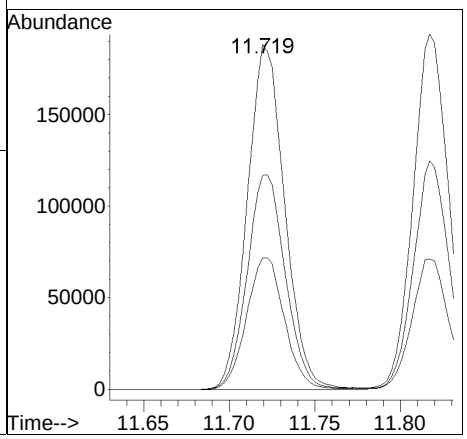


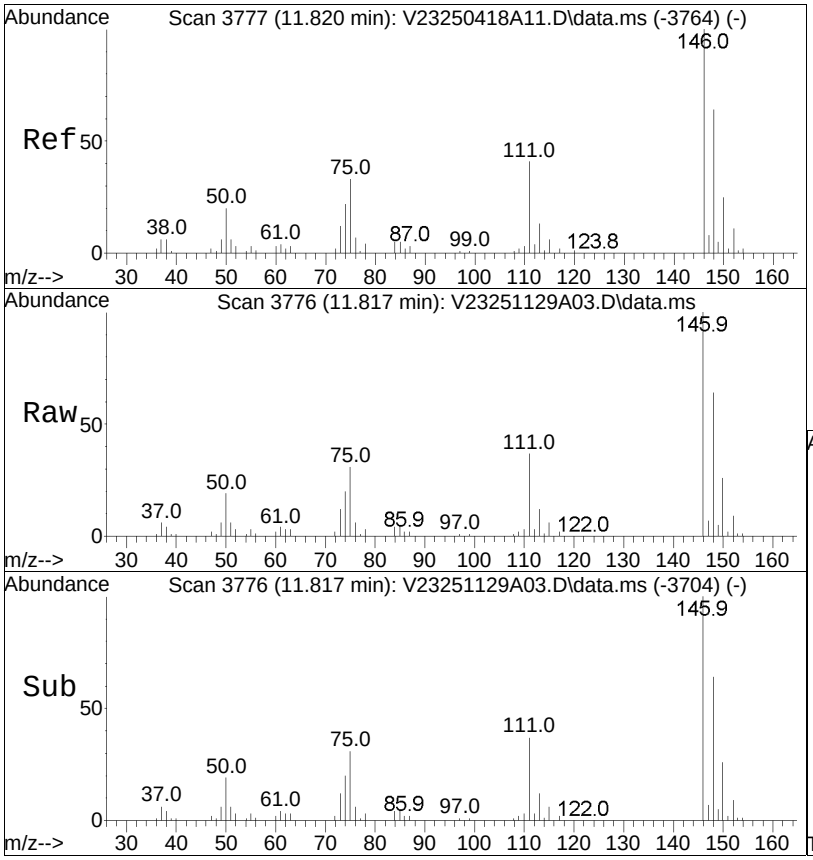


#100
1,3-Dichlorobenzene
Concen: 44.23 ug/L
RT: 11.719 min Scan# 3741
Delta R.T. -0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:146 Resp: 285969

Ion	Ratio	Lower	Upper
146	100		
111	38.6	26.0	54.0
148	63.5	41.4	86.0

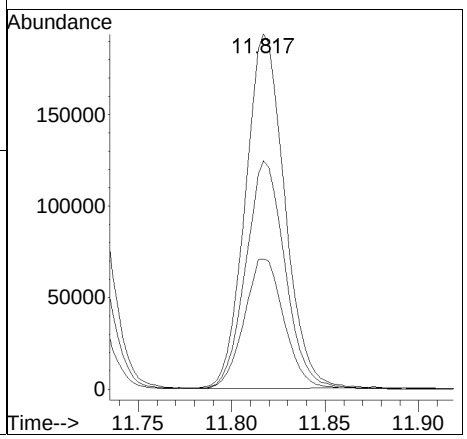


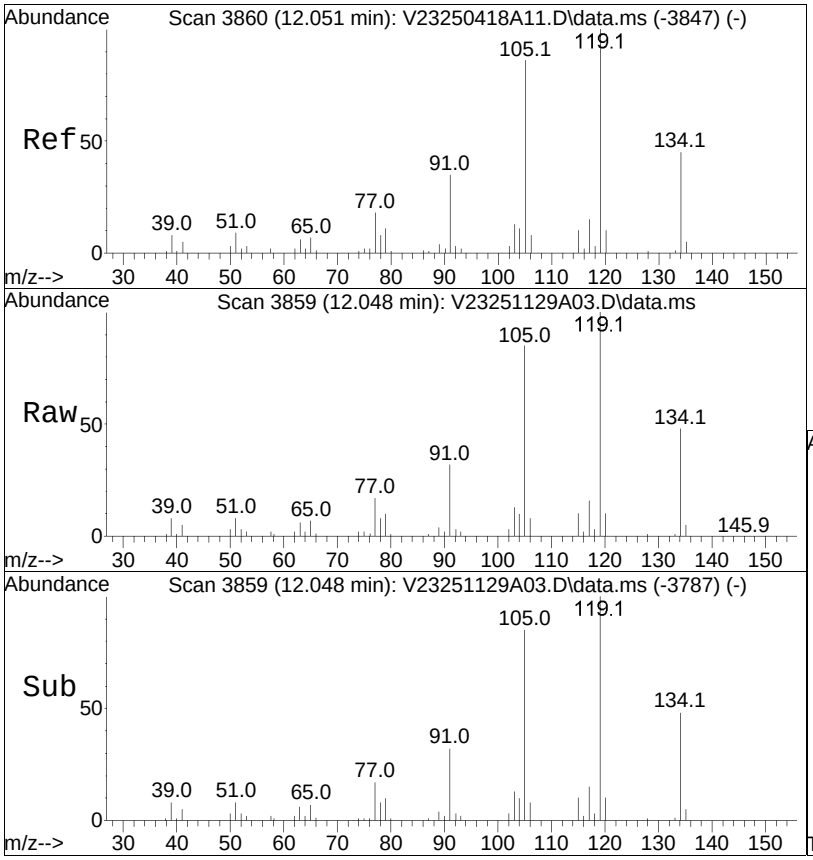


#101
1,4-Dichlorobenzene
Concen: 42.80 ug/L
RT: 11.817 min Scan# 3776
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:146 Resp: 283519

Ion	Ratio	Lower	Upper
146	100		
111	37.6	31.1	46.7
148	64.4	50.8	76.2

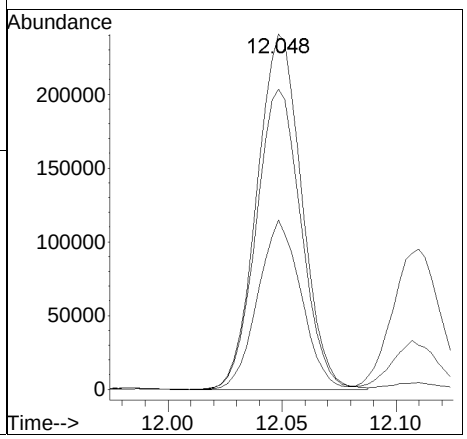


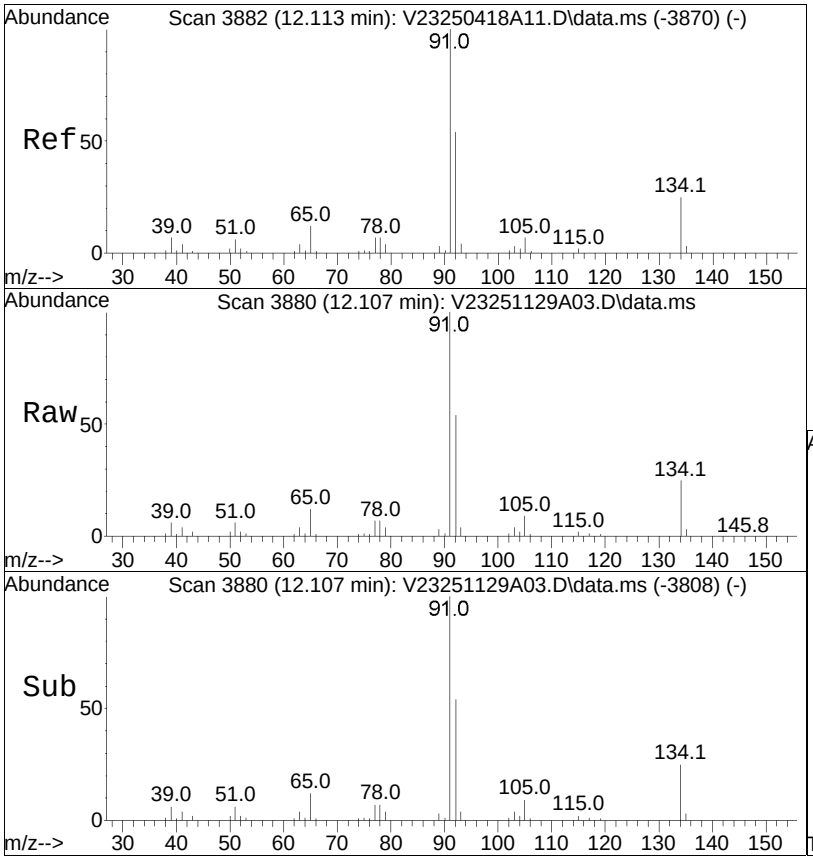


#102
p-Diethylbenzene
Concen: 45.84 ug/L
RT: 12.048 min Scan# 3859
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:119 Resp: 328226

Ion	Ratio	Lower	Upper
119	100		
105	84.9	55.1	114.5
134	46.2	30.0	62.2

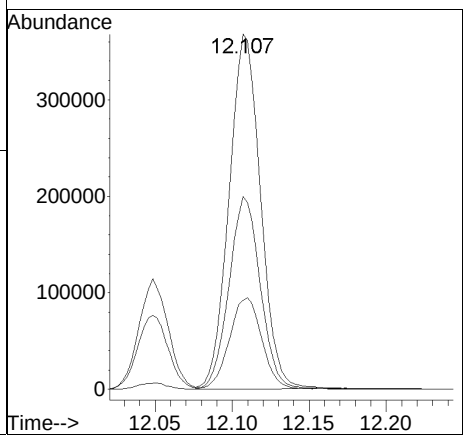


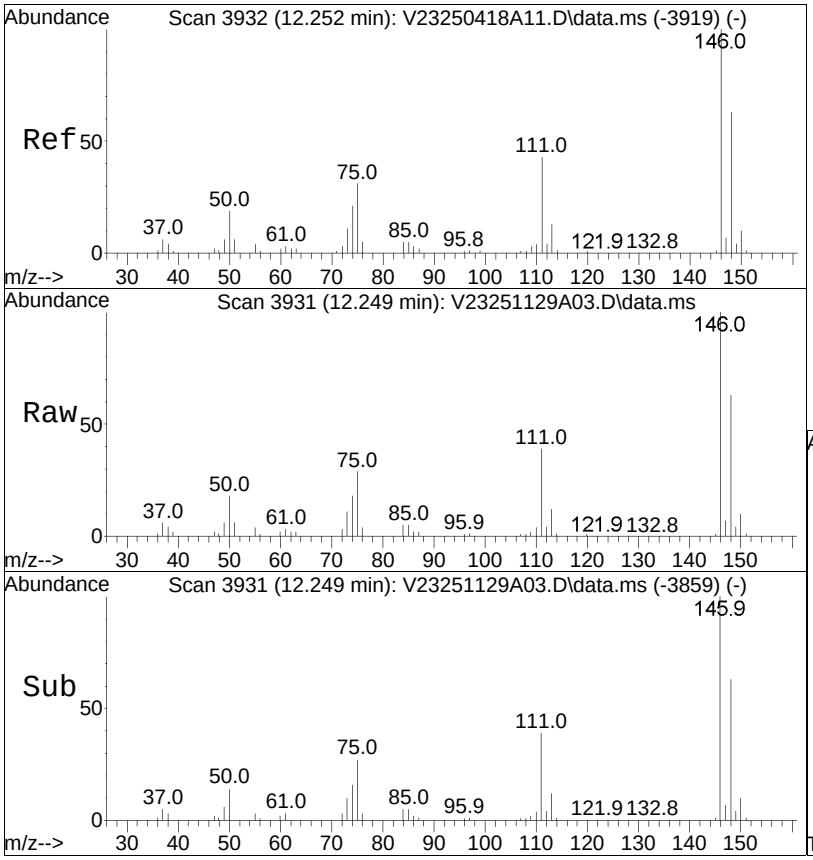


#103
n-Butylbenzene
Concen: 48.10 ug/L
RT: 12.107 min Scan# 3880
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion: 91 Resp: 521812

Ion	Ratio	Lower	Upper
91	100		
92	54.2	44.2	66.4
134	26.7	21.2	31.8

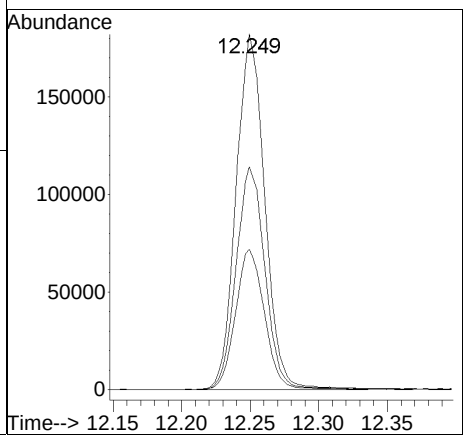


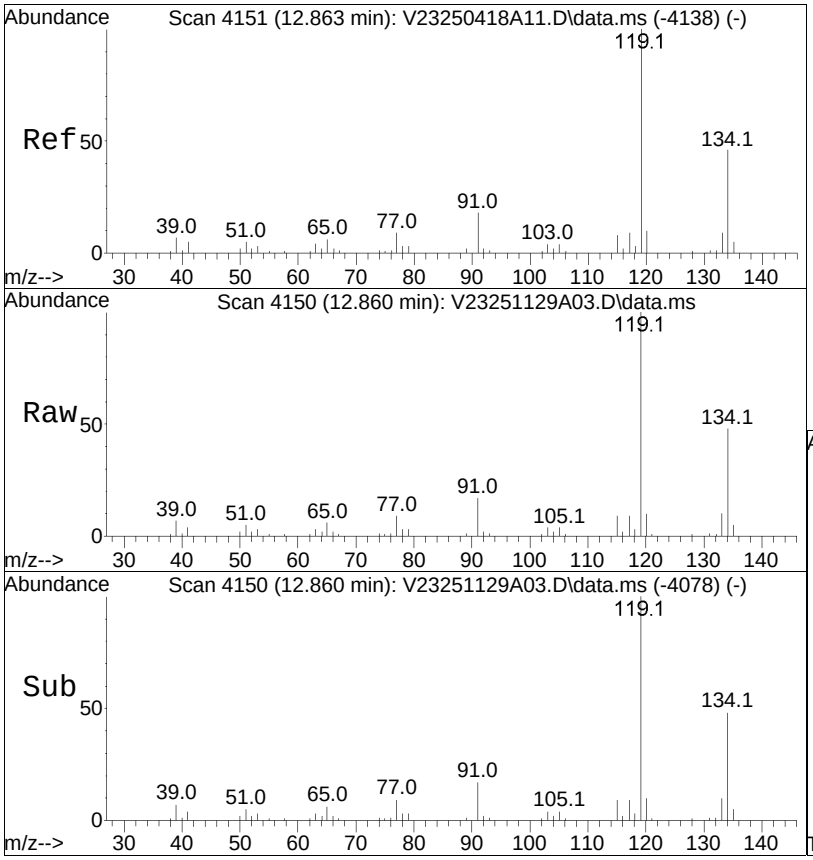


#104
1,2-Dichlorobenzene
Concen: 43.80 ug/L
RT: 12.249 min Scan# 3931
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:146 Resp: 265461

Ion	Ratio	Lower	Upper
146	100		
111	39.5	26.8	55.8
148	62.8	41.3	85.7

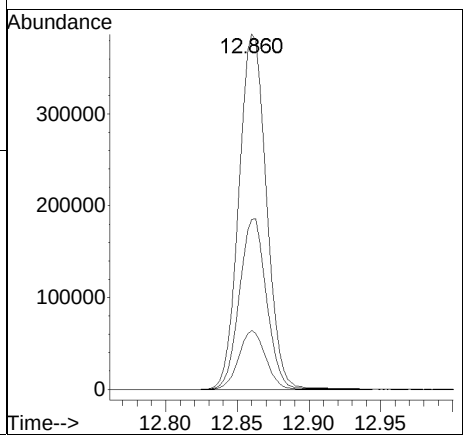


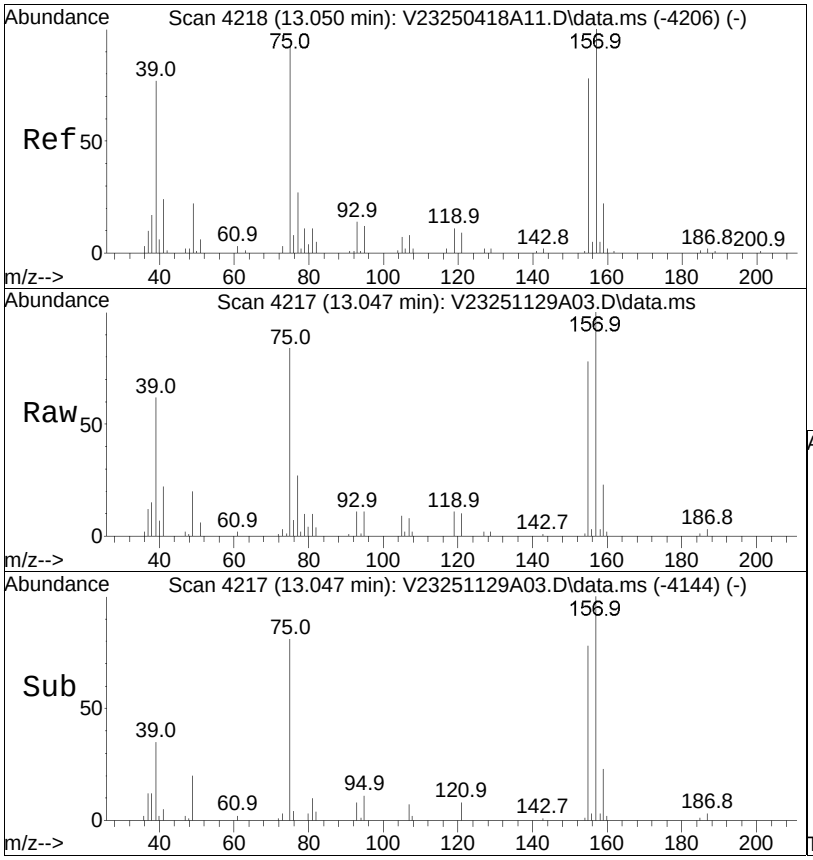


#105
1,2,4,5-Tetramethylbenzene
Concen: 44.38 ug/L
RT: 12.860 min Scan# 4150
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:119 Resp: 517401

Ion	Ratio	Lower	Upper
119	100		
134	47.4	31.3	64.9
91	16.2	10.3	21.3

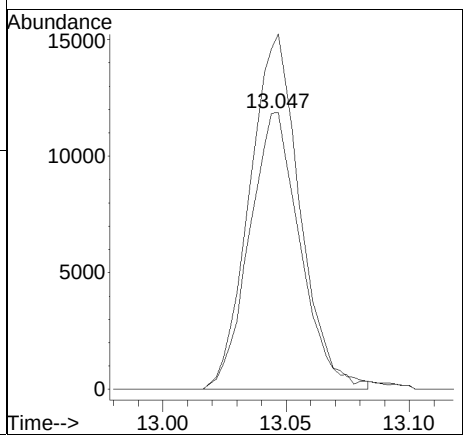


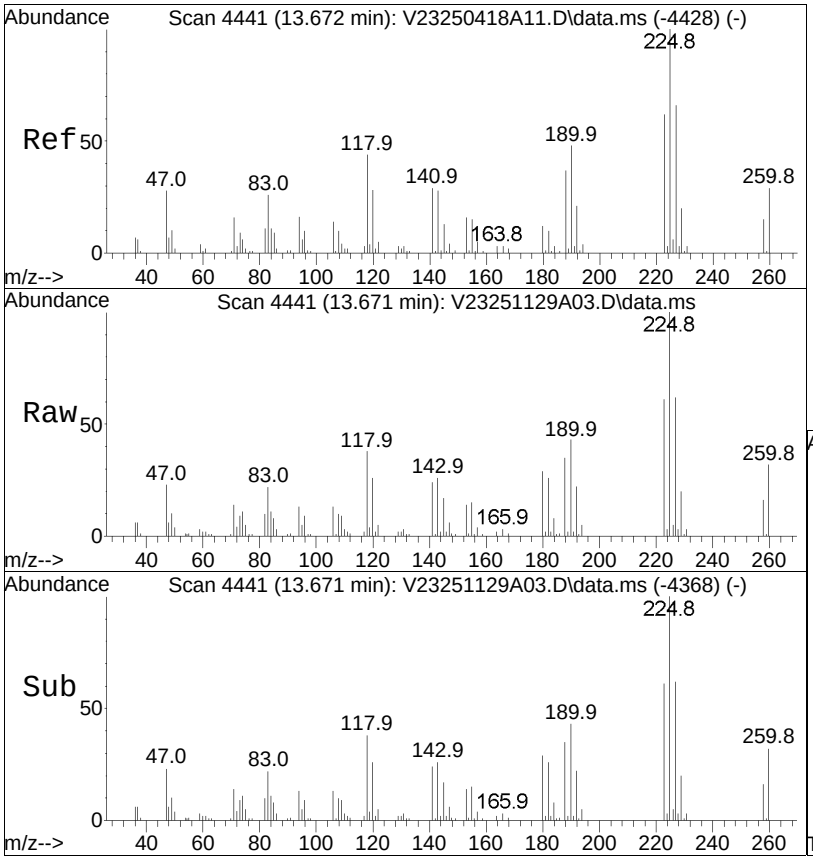


#106
1,2-Dibromo-3-chloropropane
Concen: 39.86 ug/L
RT: 13.047 min Scan# 4217
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:155 Resp: 17025

Ion	Ratio	Lower	Upper
155	100		
157	128.7	101.5	152.3

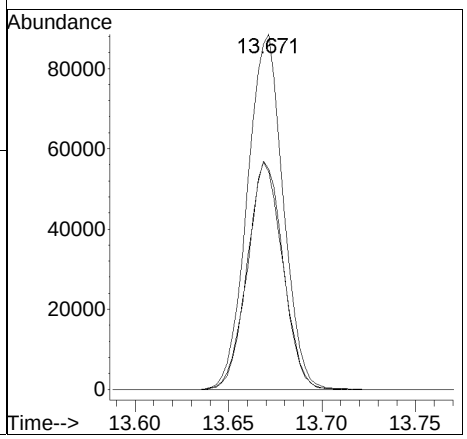


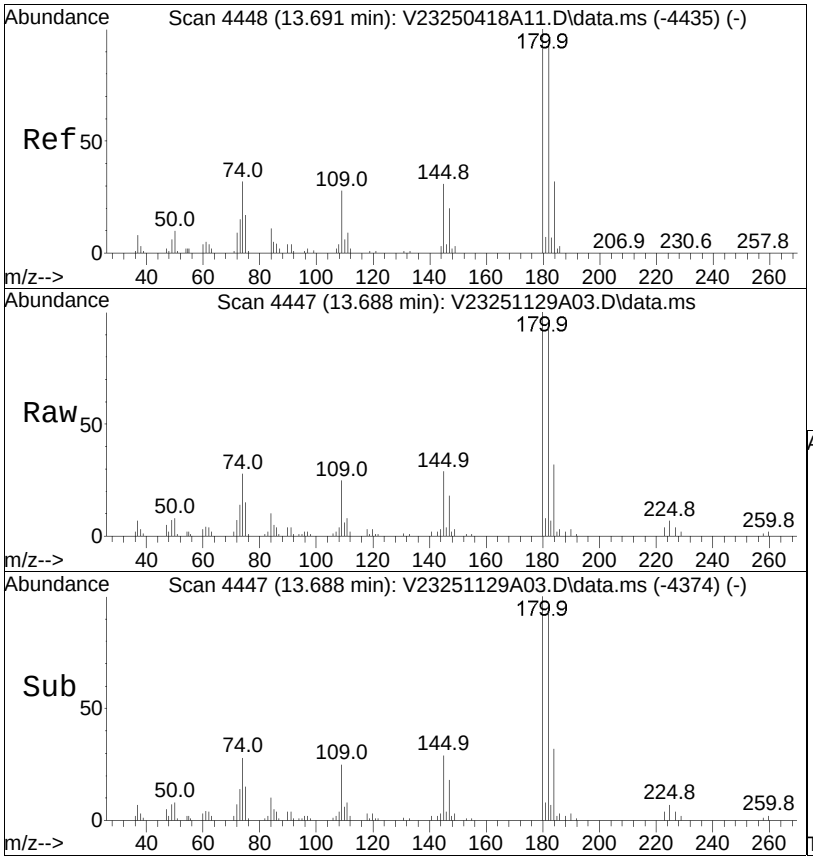


#108
Hexachlorobutadiene
Concen: 47.70 ug/L
RT: 13.671 min Scan# 4441
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:225 Resp: 118266

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.9	74.9
227	63.9	50.7	76.1

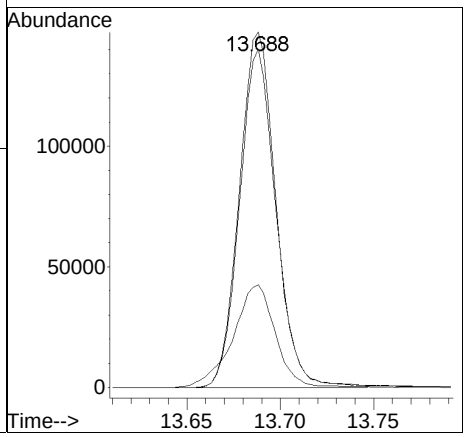


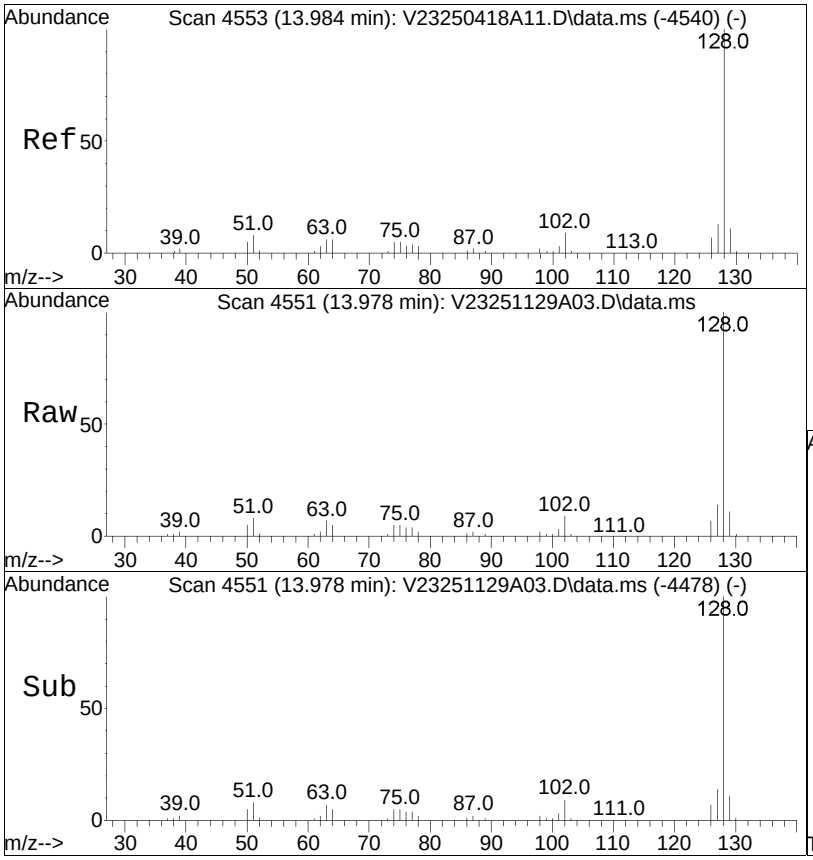


#109
1,2,4-Trichlorobenzene
Concen: 45.88 ug/L
RT: 13.688 min Scan# 4447
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:180 Resp: 200388

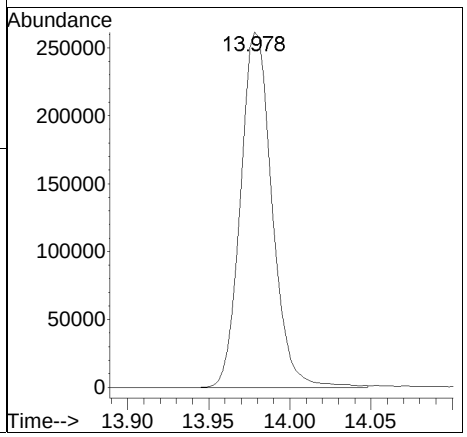
Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.4
145	33.5	27.4	41.2

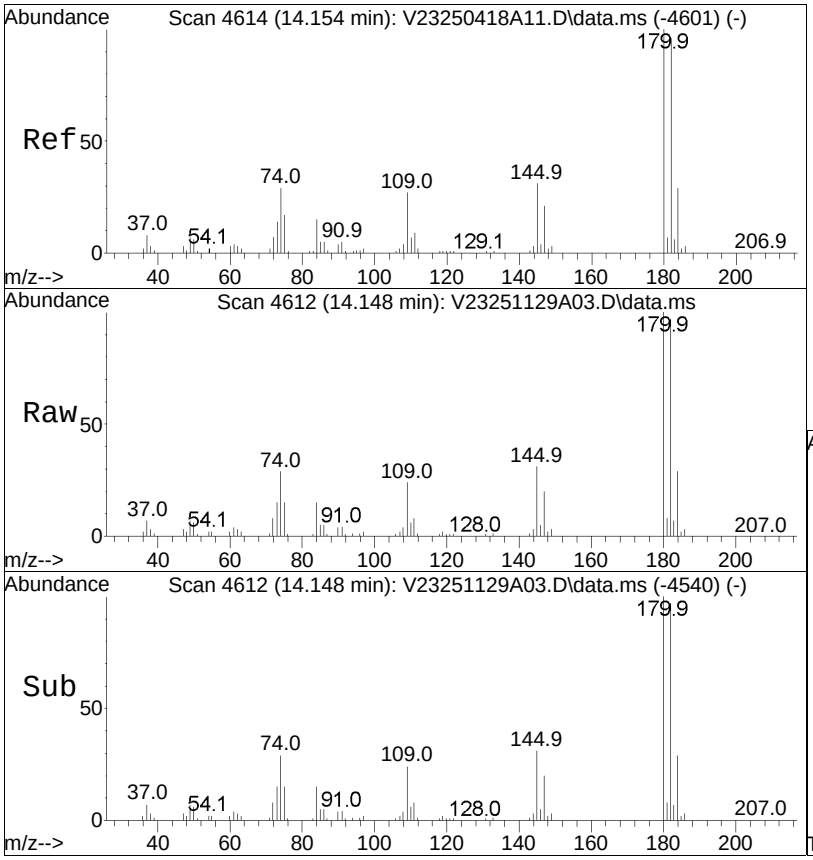




#110
Naphthalene
Concen: 42.32 ug/L
RT: 13.978 min Scan# 4551
Delta R.T. 0.003 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:128 Resp: 354297

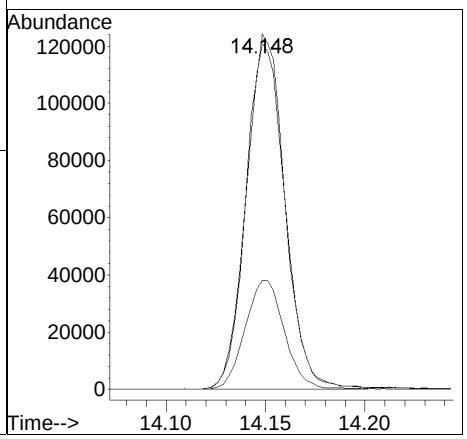




#111
1,2,3-Trichlorobenzene
Concen: 45.33 ug/L
RT: 14.148 min Scan# 4612
Delta R.T. -0.000 min
Lab File: V23251129A03.D
Acq: 29 Nov 2025 10:43 am

Tgt Ion:180 Resp: 169549

Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.4	113.0
145	30.7	25.2	37.8

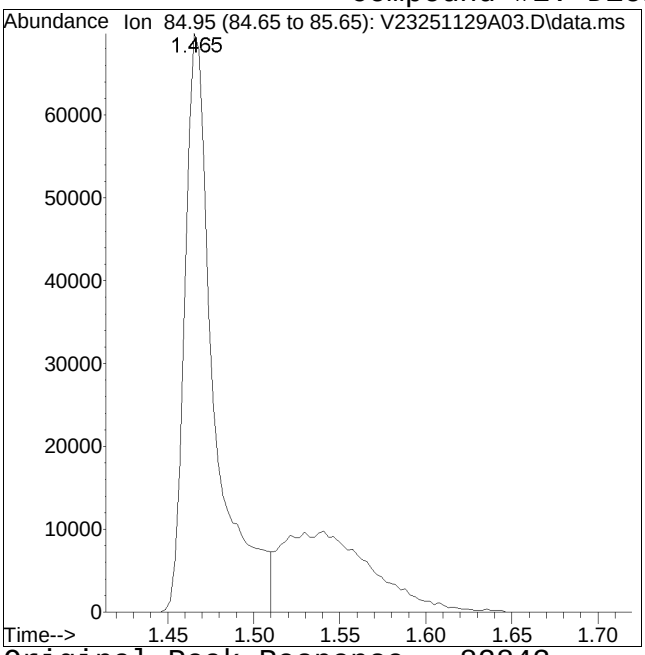


Manual Integration Report

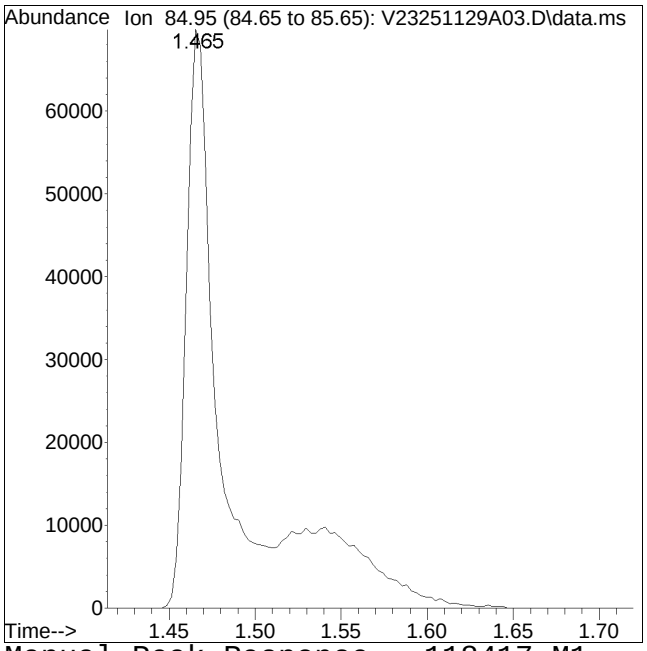
Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A03.D
Date Inj'd : 11/29/2025 10:43 am
Sample : WG2148015-4,31,5,5

QMethod : V123_251103N_8260.m
Operator : VOA123:MNF
Instrument : VOA123
Quant Date : 11/29/2025 11:56 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 82843



Manual Peak Response = 118417 M1

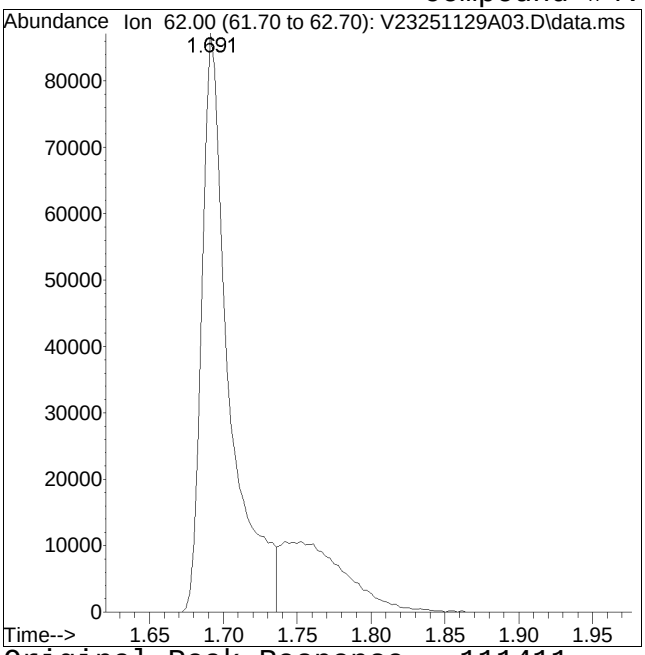
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

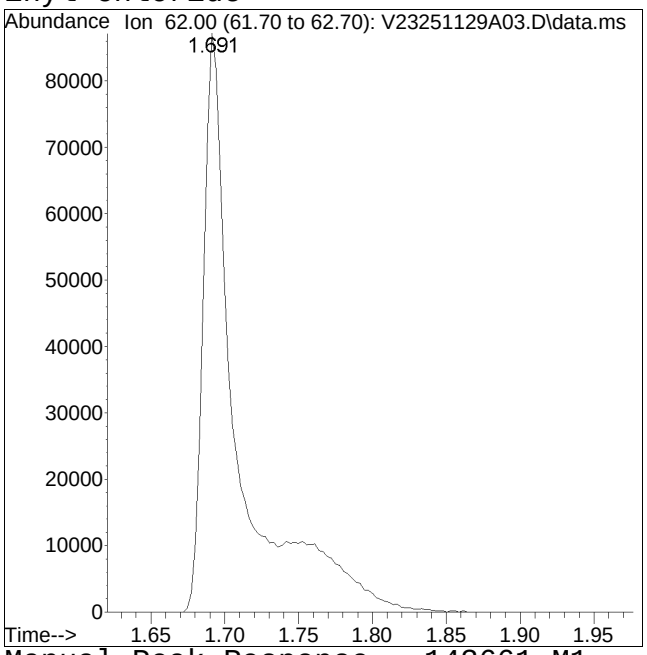
Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A03.D
Date Inj'd : 11/29/2025 10:43 am
Sample : WG2148015-4,31,5,5

QMethod : V123_251103N_8260.m
Operator : VOA123:MNF
Instrument : VOA123
Quant Date : 11/29/2025 11:56 am

Compound #4: Vinyl chloride



Original Peak Response = 111411



Manual Peak Response = 143661 M1

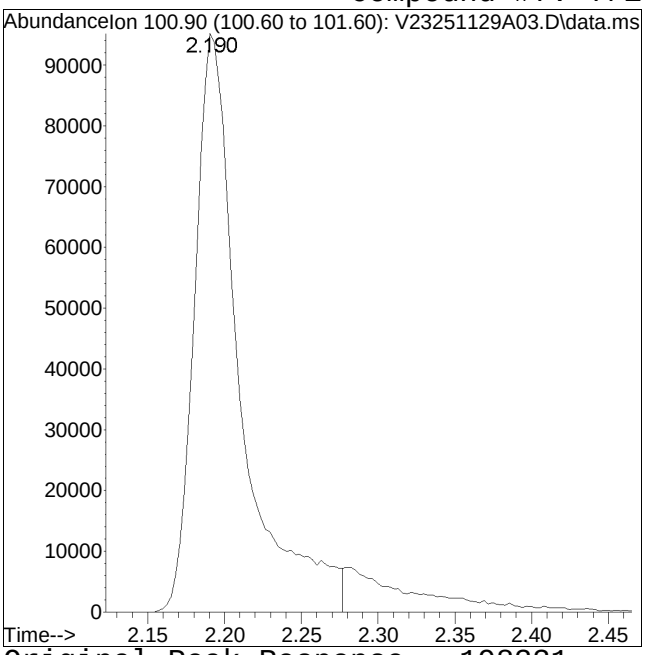
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

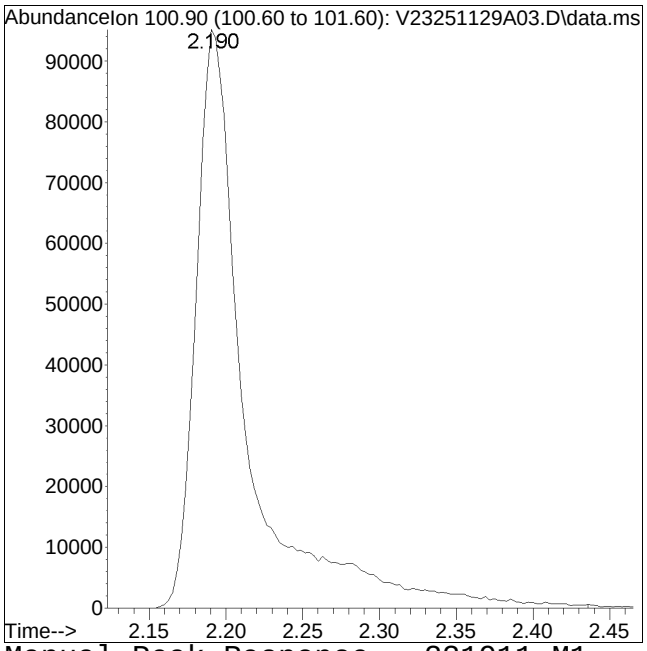
Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A03.D
Date Inj'd : 11/29/2025 10:43 am
Sample : WG2148015-4,31,5,5

QMethod : V123_251103N_8260.m
Operator : VOA123:MNF
Instrument : VOA123
Quant Date : 11/29/2025 11:56 am

Compound #7: Trichlorofluoromethane



Original Peak Response = 198331



Manual Peak Response = 221911 M1

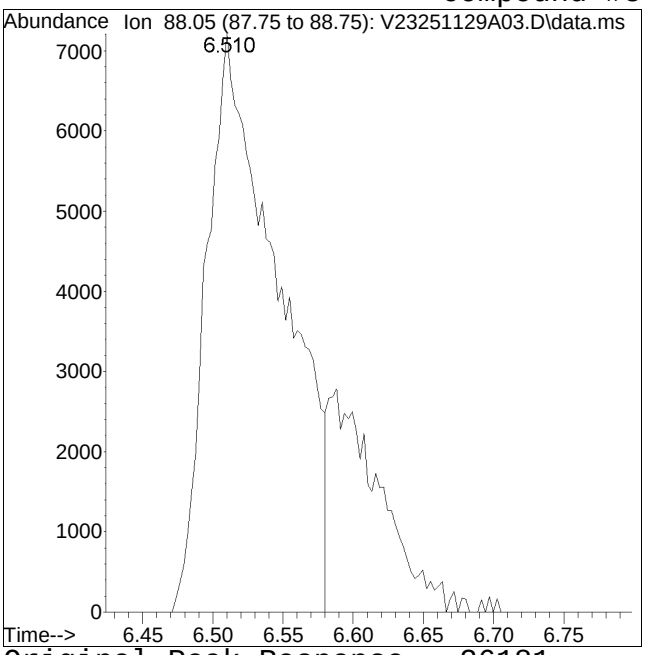
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

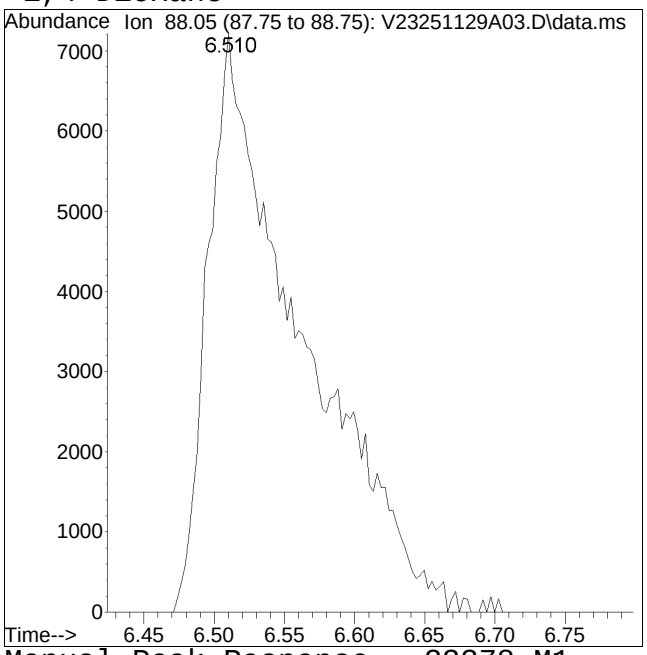
Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A03.D
Date Inj'd : 11/29/2025 10:43 am
Sample : WG2148015-4,31,5,5

QMethod : V123_251103N_8260.m
Operator : VOA123:MNF
Instrument : VOA123
Quant Date : 11/29/2025 11:56 am

Compound #57: 1,4-Dioxane



Original Peak Response = 26181



Manual Peak Response = 33378 M1

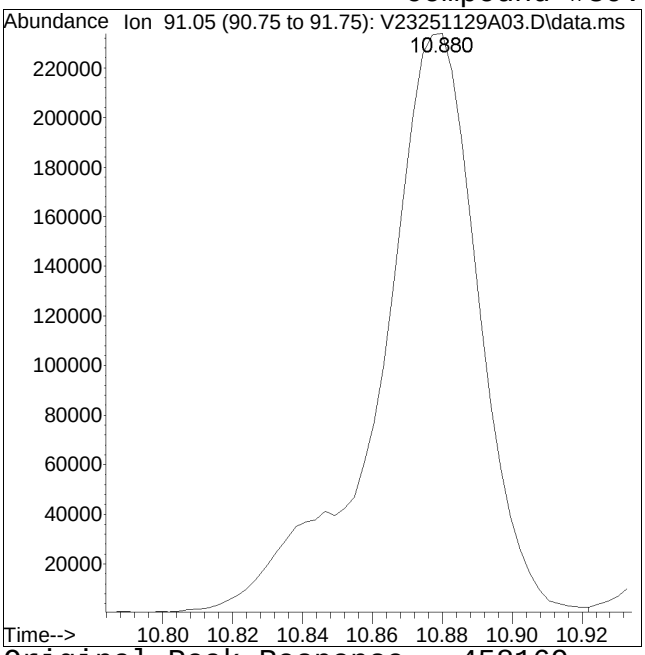
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

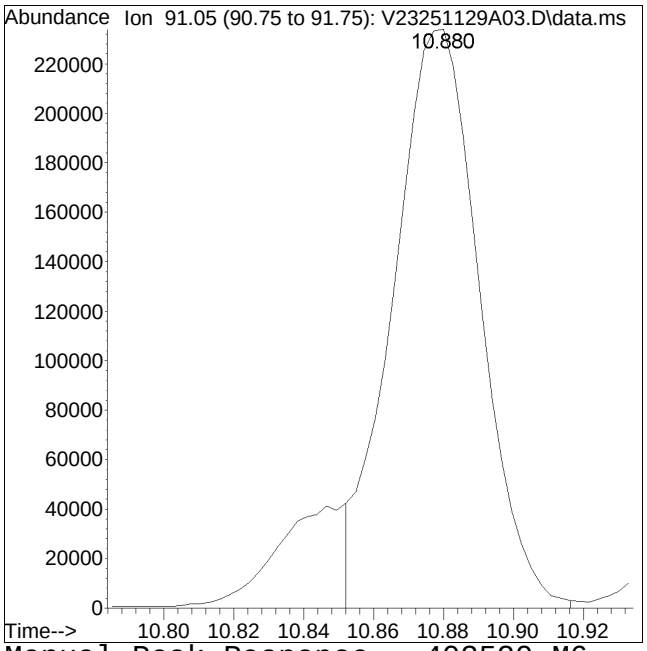
Data Path : K:\VOA123\2025\251129A\
Data File : V23251129A03.D
Date Inj'd : 11/29/2025 10:43 am
Sample : WG2148015-4,31,5,5

QMethod : V123_251103N_8260.m
Operator : VOA123:MNF
Instrument : VOA123
Quant Date : 11/29/2025 11:56 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 458169



Manual Peak Response = 402520 M6

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

Calculation of Volatile Organic Compounds

Aqueous Concentration Formula: Amt * DF * Uf * (1/Vo)

Where:
DF = Dilution Factor
Vo = Sample Volume Purged (mL)
Uf = ng Unit Correction Factor (mL)

Soil Concentration Formula: Amt * DF * (1/Wt)

Where:
DF = Dilution Factor
Wt = Weight of Sample (g)

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Dec 03 2025, 07:27 am

Work Group: WG2147797 for Department: 31 GC/MS - Volatiles

Created: 01-DEC-25 Due: Operator: jic

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2574764-08	PDI-6_58-60_20251121	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1204	2F	8260SET
L2574791-01	SB-13 2 TO 7FT	S	NYCP51-8260	SOIL	DONE	U	1205	1204	S0	Vial-Large
L2574791-02	SB-14 2 TO 7FT	S	NYCP51-8260	SOIL	DONE	U	1205	1204	S0	Vial-Large
L2574791-03	SB-15 2 TO 7FT	S	NYCP51-8260	SOIL	DONE	U	1205	1204	S0	Vial-Large
L2574791-04	SB-16 2 TO 7FT	S	NYCP51-8260	SOIL	DONE	U	1205	1204	S0	Vial-Large
L2574791-05	SB-17 2 TO 5FT	S	NYCP51-8260	SOIL	DONE	U	1205	1204	S0	Vial-Large
L2574791-06	SB-21 2 TO 5FT	S	NYCP51-8260	SOIL	DONE	U	1205	1204	S0	Vial-Large
L2574791-08	SB-20 2 TO 5FT	S	NYCP51-8260	SOIL	DONE	U	1205	1204	S0	Vial-Large
L2574791-09	25 ROBERTS N. WALL	S	NYCP51-8260	SOIL	DONE	U	1205	1204	S0	Vial-Large
L2574791-10	25 ROBERTS W. WALL	S	NYCP51-8260	SOIL	DONE	U	1205	1204	S0	Vial-Large
L2574791-11	25 ROBERTS E. WALL	S	NYCP51-8260	SOIL	DONE	U	1205	1204	S0	Vial-Large
L2575011-03	T8-6	C	NYTCL-8260HLW	SOIL	DONE	U	1205	1203	5F	8260SET
WG2147797-1	MS BFB Tune Standard	S	NYCP51-8260	SOIL	DONE	U				
WG2147797-1	MS BFB Tune Standard	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2147797-2	Continuing Calibrati	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2147797-2	Continuing Calibrati	S	NYCP51-8260	SOIL	DONE	U				
WG2147797-3	Laboratory Control S	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2147797-3	Laboratory Control S	S	NYCP51-8260	SOIL	DONE	U				
WG2147797-4	LCS Duplicate	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2147797-4	LCS Duplicate	S	NYCP51-8260	SOIL	DONE	U				
WG2147797-5	Laboratory Method Bl	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2147797-5	Laboratory Method Bl	S	NYCP51-8260	SOIL	DONE	U				

Comments:

WG2147797-4 WG2147797-3

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Dec 03 2025, 07:27 am

Work Group: WG2147799 for Department: 31 GC/MS - Volatiles

Created: 01-DEC-25 Due: Operator: jic

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2573888-05	TP29C_2-3	S	NYTCL-8260H	SOIL	DONE	U	1203	1126	S0	Vial-F
L2574359-10	DUP-01_20251120	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	S0	8260SET
L2574764-07	PDI-6_53-55_20251121	S	NYTCL-8260H	SOIL	DONE	U	1205	1204	2F	Vial-F
WG2147799-1	MS BFB Tune Standard	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2147799-1	MS BFB Tune Standard	S	NYTCL-8260H	SOIL	DONE	U				
WG2147799-2	Continuing Calibrati	S	NYTCL-8260H	SOIL	DONE	U				
WG2147799-2	Continuing Calibrati	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2147799-3	Laboratory Control S	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2147799-3	Laboratory Control S	S	NYTCL-8260H	SOIL	DONE	U				
WG2147799-4	LCS Duplicate	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2147799-4	LCS Duplicate	S	NYTCL-8260H	SOIL	DONE	U				
WG2147799-5	Laboratory Method Bl	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2147799-5	Laboratory Method Bl	S	NYTCL-8260H	SOIL	DONE	U				

Comments:

WG2147799-4 WG2147799-3

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Dec 03 2025, 07:27 am

Work Group: WG2148015 for Department: 31 GC/MS - Volatiles

Created: 01-DEC-25 Due: Operator: jic

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2573483-01	N WALL	S	NYCP51-8260-G	SOIL	SEC	U	1202	1204	S0	Vial-Large
L2573483-02	W WALL	S	NYCP51-8260-G	SOIL	SEC	U	1202	1204	S0	Vial-Large
L2574081-01	WASTE CLASSIFICATION #1	S	NYTCL-8260HLW	SOIL	SEC	U	1203	1205	S0	8260SET
L2574081-02	WASTE CLASSIFICATION #2	S	NYTCL-8260HLW	SOIL	SEC	U	1203	1205	S0	8260SET
L2574359-11	SB-18_6-8	S	NYTCL-8260HLW	SOIL	DONE	U	1204	1203	S0	8260SET
L2574764-01	TRIP BLANK_20251121	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1204	2F	8260SET
L2574764-04	PDI-2_58-60_20251121	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1204	2F	8260SET
L2574764-05	PDI-2_63-65_20251121	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1204	2F	8260SET
L2574764-07	PDI-6_53-55_20251121	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1204	2F	8260SET
L2574764-09	PDI-6_63-65_20251121	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1204	2F	8260SET
L2574778-01	TB_20251121	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1204	S0	8260SET
L2574778-02	SB-19_14-16	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1204	S0	8260SET
L2574778-03	SB-19_17-19	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1204	S0	8260SET
WG2148015-1	MS BFB Tune Standard	S	NYCP51-8260-G	SOIL	DONE	U				
WG2148015-1	MS BFB Tune Standard	S	NYTCL-8260HLW-R2	SOIL	DONE	U				
WG2148015-1	MS BFB Tune Standard	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2148015-2	Continuing Calibrati	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2148015-2	Continuing Calibrati	S	NYTCL-8260HLW-R2	SOIL	DONE	U				
WG2148015-2	Continuing Calibrati	S	NYCP51-8260-G	SOIL	DONE	U				
WG2148015-3	Laboratory Control S	S	NYCP51-8260-G	SOIL	DACQ	U				
WG2148015-3	Laboratory Control S	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2148015-3	Laboratory Control S	S	NYTCL-8260HLW-R2	SOIL	DACQ	U				
WG2148015-4	LCS Duplicate	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2148015-4	LCS Duplicate	S	NYTCL-8260HLW-R2	SOIL	DACQ	U				
WG2148015-4	LCS Duplicate	S	NYCP51-8260-G	SOIL	DACQ	U				
WG2148015-5	Laboratory Method Bl	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2148015-5	Laboratory Method Bl	S	NYCP51-8260-G	SOIL	DACQ	U				
WG2148015-5	Laboratory Method Bl	S	NYTCL-8260HLW-R2	SOIL	DACQ	U				

Comments:

WG2148015-4 WG2148015-3

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Dec 03 2025, 07:27 am

Work Group: WG2148016 for Department: 31 GC/MS - Volatiles

Created: 01-DEC-25 Due: Operator: jic

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2574764-01	TRIP BLANK_20251121	S	NYTCL-8260H	SOIL	DONE	U	1205	1204	2F	Vial-F
L2574764-02	PDI-2_48-50_20251121	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1204	2F	8260SET
L2574764-03	PDI-2_53-55_20251121	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1204	2F	8260SET
L2574764-06	PDI-6_48-50_20251121	S	NYTCL-8260HLW	SOIL	DONE	U	1205	1204	2F	8260SET
WG2148016-1	MS BFB Tune Standard	S	NYTCL-8260H	SOIL	DONE	U				
WG2148016-1	MS BFB Tune Standard	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2148016-2	Continuing Calibrati	S	NYTCL-8260H	SOIL	DONE	U				
WG2148016-2	Continuing Calibrati	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2148016-3	Laboratory Control S	S	NYTCL-8260H	SOIL	DONE	U				
WG2148016-3	Laboratory Control S	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2148016-4	LCS Duplicate	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2148016-4	LCS Duplicate	S	NYTCL-8260H	SOIL	DONE	U				
WG2148016-5	Laboratory Method Bl	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2148016-5	Laboratory Method Bl	S	NYTCL-8260H	SOIL	DONE	U				

Comments:

WG2148016-4 WG2148016-3

Inst: VOA123
Initials: RAW
Date: **11/03/25**
Run: **N**

BFB: V11435
IS/SS: V11474
ICAL: V11461E, V11523
ICV: V11470,V11469,V11490,V11491,V11516,V11517

Method
GC: E122111W
Autosampler: 8260water10ml
Concentrator: 8260

QC: _____ Seq: _____

Vial	Data File	Sample	Comments
1	V23251103BFB3	BFB	
1	V23251103BFB4	BFB	
1	V23251103BFB5	BFB	
1	V23251103BFB6	BFB	
1	V23251103N01	BLANK	
2	V23251103N02	BLANK	
3	V23251103N03	I8260STD0.5PPB	
4	V23251103N04	I8260STD0.5PPB	
5	V23251103N05	I8260STD1PPB	
6	V23251103N06	I8260STD1PPB	
7	V23251103N07	I8260STD2PPB	
8	V23251103N08	I8260STD4PPB	
11	V23251103N09	I8260STD20PPB	
12	V23251103N10	I8260STD40PPB	
13	V23251103N11	I8260STD100PPB	
14	V23251103N12	I8260STD200PPB	
15	V23251103N13	I8260STD300PPB	
16	V23251103N14	BLANK	
17	V23251103N15	BLANK	
18	V23251103N16	C8260STD40PPB	
21	V23251103N17	C8260STD40PPB	
22	V23251103N18	BLANK	
23	V23251103N19	BLANK	
24	V23251103N20	MEOH BLANK	
25	V23251103N21	MDL 0.5PPB	
26	V23251103N22	MDL 0.5PPB	
27	V23251103N23	MDL 1PPB	
28	V23251103N24	MDL 1PPB	
29	V23251103N25	MDL 4PPB	DOUBLE PURGE
30	V23251103N26	MDL 4PPB	DOUBLE PURGE
31	V23251103N27	BLANK	DOUBLE PURGE

Inst: VOA123
Initials: RAW
Date: **11/30/25**
Run: **A**

BFB: V11543
IS/SS: V11549
ICAL: V11534D, V11550

Method
GC: E122111W
Autosampler: 8260water10ml
Concentrator: 8260

QC:_____ Seq:_____

Vial	Data File	Sample	Comments	WG	OBS
1	V23251130BFB2	BFB			
1	V23251130A01	8260 LCS			
2	V23251130A02	8260 LCS			
3	V23251130A03	8260 LCS			
4	V23251130A04	BLK			
5	V23251130A05	MEOH BLK			
6	V23251130A06	L2574791-01,31,6.18,5,,Z	NYCP51		
7	V23251130A07	L2574791-02,31,4.95,5,,Z	NYCP51		
8	V23251130A08	L2574791-03,31,5.01,5,,Z	NYCP51		
11	V23251130A09	L2574791-04,31,6.81,5,,Z	NYCP51		
12	V23251130A10	L2574791-05,31,5.35,5,,Z	NYCP51		
13	V23251130A11	L2574791-06,31,5.90,5,,Z	NYCP51		
14	V23251130A12	L2574791-07,31,5.03,5,,Z	NYCP51		
15	V23251130A13	L2574791-08,31,5.23,5,,Z	NYCP51		
16	V23251130A14	L2574791-11,31,5.08,5,,Z	NYCP51		
17	V23251130A15	L2574791-09,31,7.24,5,,Y	NYCP51		
18	V23251130A16	L2574791-10,31,5.47,5,,Z	NYCP51		
21	V23251130A17	BLANK			
22	V23251130A18	L2574764-08R,31,4.95,5,,C,32.67,37.87,0.25	NYHLW		
23	V23251130A19	L2575011-03,31,5.99,5,,B,32.58,38.82,0.25	NYHLW*		
24	V23251130A20	L2573888-05,31H,4.83,5,0.100,,A,29.69,35.02,0.	NY/HIGH CURVE		
25	V23251130A21	L2574359-10,31H,5.60,5,0.100,,A,29.90,36.00,0.	NY/HIGH		
26	V23251130A22	L2574764-07,31H,6.34,5,0.100,,A,29.53,36.37,0.	NY/HIGH		
27	V23251130A23	L2574764-06D2,31H,5.92,5,0.005,,A,29.33,35.75	*NY/H EB+124TMB		
28	V23251130A24	L2574359-08D,31H,5.47,5,0.01,,A,29.89,35.86,0.	*NY/H NPB+1245TMB		
29	V23251130A25	STD			

Inst: VOA123
Initials: MNF
Date: **11/29/25**
Run: **A**

BFB: V11543
IS/SS: V11549
ICAL: V11534D, V11550

Method
GC: E122111W
Autosampler: 8260water10ml
Concentrator: 8260

QC: _____ Seq: _____

Vial	Data File	Sample	Comments	WG	OBS
1	V23251129BFB1	BFB			
1	V23251129A01	8260 LCS			
2	V23251129A02	8260 LCS			
3	V23251129A03	8260 LCS			
4	V23251129A04	BLK			
5	V23251129A05	MEOH BLK			
6	V23251129A06	L2574359-10,31,5.54,5,,B,32.37,38.16,0.25	NYHLW^		
7	V23251129A07	L2574359-11,31,5.07,5,,B,32.45,37.77,0.25	NYHLW^		
8	V23251129A08	L2573483-01,31,4.82,5,,Y	NYHLW CP51		
11	V23251129A09	L2573483-02,31,4.81,5,,Y	NYHLW CP51		
12	V23251129A10	L2574764-01,31H,5,5,0.100,,A	NYHLW		TB
13	V23251129A11	L2574764-01,31,5.0,5,,C	NYHLW		TB
14	V23251129A12	L2574778-01,31,5.0,5,,B	NYHLW		TB
15	V23251129A13	L2574778-02,31,5.37,5,,B,31.96,37.58,0.25	NYHLW		
16	V23251129A14	L2574778-03,31,4.32,5,,B,32.38,36.95,0.25	NYHLW		
17	V23251129A15	L2574764-04,31,3.77,5,,B,32.29,36.31,0.25	NYHLW		
18	V23251129A16	L2574764-05,31,6.33,5,,B,31.99,38.57,0.25	NYHLW		
21	V23251129A17	L2574764-07,31,5.36,5,,B,32.52,38.13,0.25	NYHLW		
22	V23251129A18	L2574764-08,31,4.82,5,,B,32.52,37.59,0.25	NYHLW		
23	V23251129A19	L2574764-09,31,6.13,5,,B,31.96,38.34,0.25	NYHLW		
24	V23251129A20	L2574081-01,31,4.72,5,,C,32.00,36.97,0.25	NYHLW		
25	V23251129A21	L2574081-02,31,5.02,5,,B,32.70,37.97,0.25	NYHLW		
26	V23251129A22	L2573439-02,31,5.38,5,,B,32.37,38.00,0.25	NYHLW		
27	V23251129A23	L2574764-02,31H,5.00,5,0.100,,A,29.56,35.05,0.50	NY/H		
28	V23251129A24	L2574764-03,31H,5.31,5,0.100,,A,29.41,35.22,0.50	NY/H		
29	V23251129A25	L2574764-06D,31H,5.92,5,0.025,,A,29.33,35.75,0.50	NY/H		
30	V23251129A26	STD			

Wet Chemistry

Total Solids / Percent Moisture Analysis

Results

Form 1
WETCHEM

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-02	Date Collected	: 11/21/25 10:20
Client ID	: PDI-2_48-50_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/22/25 14:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2145321.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 87
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	87.2	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-03	Date Collected	: 11/21/25 10:30
Client ID	: PDI-2_53-55_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/22/25 14:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2145321.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 86
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	86.1	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-04	Date Collected	: 11/21/25 10:40
Client ID	: PDI-2_58-60_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/22/25 14:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2145321.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 78
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	78.4	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-05	Date Collected	: 11/21/25 10:50
Client ID	: PDI-2_63-65_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/22/25 14:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2145321.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 88
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	87.5	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Lab ID	: L2574764-06	**Date Collected**	: 11/21/25 13:50
Client ID	: PDI-6_48-50_20251121	**Date Received**	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	**Date Analyzed**	: 11/22/25 14:55
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: ROI
Lab File ID	: WG2145321.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 85
Digestion Method	:	**Date Digested**	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	85.3	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: L2574764-07	Date Collected	: 11/21/25 14:00
Client ID	: PDI-6_53-55_20251121	Date Received	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	Date Analyzed	: 11/22/25 14:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2145321.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 91
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	90.8	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Lab ID	: L2574764-08	**Date Collected**	: 11/21/25 14:10
Client ID	: PDI-6_58-60_20251121	**Date Received**	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	**Date Analyzed**	: 11/22/25 14:55
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: ROI
Lab File ID	: WG2145321.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 93
Digestion Method	:	**Date Digested**	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	92.7	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Lab ID	: L2574764-09	**Date Collected**	: 11/21/25 14:20
Client ID	: PDI-6_63-65_20251121	**Date Received**	: 11/21/25
Sample Location	: 545 CONEY ISLAND AVE., BROOKLYN, NY 11218	**Date Analyzed**	: 11/22/25 14:55
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: ROI
Lab File ID	: WG2145321.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 87
Digestion Method	:	**Date Digested**	:

CAS NO.	Parameter	% Results	% RL	% MDL	Qualifier
NONE	Solids, Total	87.4	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	Lab Number	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-01
Lab ID	: WG2145321-1	Date Collected	: 11/13/25 09:20
Client ID	: WG2145321-1 DUP	Date Received	: 11/14/25
Sample Location	:	Date Analyzed	: 11/22/25 14:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2145321.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 84
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	Results	% RL	% MDL	Qualifier
NONE	Solids, Total	83.4	0.100	NA	

Sample Raw Data

Wet Chemistry Gravimetric ELN

Printed: NOV-22-25 20:40:55

WorkGroup WG2145321
Title Solids, Total
Method SM2540G
Instrumen BALANCE#53

Temp In (C)	104	**Temp In (C)**		**Temp In (C)**		**Temp In (C)**	
Temp Out (C)	104	**Temp Out (C)**		**Temp Out (C)**		**Temp Out (C)**	
Time In	22-NOV-25 15:04	**Time In**		**Time In**		**Time In**	
Time Out	22-NOV-25 20:36	**Time Out**		**Time Out**		**Time Out**	
Location	OVEN11-O	**Location**		**Location**		**Location**	

Sample #	Analysis Date	Analyst	Tare Weight (gm)	Gross Weight (gm)	Net Weight (1) (gm)	Net Weight (2) (gm)	Net Weight (3) (gm)	Net Weight (4) (gm)	Result %	Comment
L2572811-33	22-NOV-25 14:55	ROMANY IBRAHIM	1.21	8.31	7.14				83.52	
L2572811-34	22-NOV-25 14:55	ROMANY IBRAHIM	1.21	8.97	8.29				91.24	
L2572811-35	22-NOV-25 14:55	ROMANY IBRAHIM	1.21	9.17	7				72.74	
L2572811-36	22-NOV-25 14:55	ROMANY IBRAHIM	1.19	7.64	5.35				64.50	
L2572811-37	22-NOV-25 14:55	ROMANY IBRAHIM	1.2	8.3	7.63				90.56	
L2574718-01	22-NOV-25 14:55	ROMANY IBRAHIM	1.19	8.17	7.49				90.26	
L2574718-02	22-NOV-25 14:55	ROMANY IBRAHIM	1.22	8.12	5.94				68.41	
L2574718-03	22-NOV-25 14:55	ROMANY IBRAHIM	1.2	8.19	7.3				87.27	
L2574718-04	22-NOV-25 14:55	ROMANY IBRAHIM	1.21	8.67	7.72				87.27	
L2574718-05	22-NOV-25 14:55	ROMANY IBRAHIM	1.19	8.67	7.57				85.29	
L2574718-06	22-NOV-25 14:55	ROMANY IBRAHIM	1.19	7.19	6.31				85.33	
L2574718-07	22-NOV-25 14:55	ROMANY IBRAHIM	1.2	6.68	6.18				90.88	
L2574764-02	22-NOV-25 14:55	ROMANY IBRAHIM	1.21	9.43	8.38				87.23	
L2574764-03	22-NOV-25 14:55	ROMANY IBRAHIM	1.22	8.57	7.55				86.12	
L2574764-04	22-NOV-25 14:55	ROMANY IBRAHIM	1.2	7.28	5.97				78.45	
L2574764-05	22-NOV-25 14:55	ROMANY IBRAHIM	1.21	7.91	7.07				87.46	
L2574764-06	22-NOV-25 14:55	ROMANY IBRAHIM	1.22	8.91	7.78				85.31	
L2574764-07	22-NOV-25 14:55	ROMANY IBRAHIM	1.2	9.5	8.74				90.84	
L2574764-08	22-NOV-25 14:55	ROMANY IBRAHIM	1.23	7.95	7.46				92.71	
L2574764-09	22-NOV-25 14:55	ROMANY IBRAHIM	1.2	9.6	8.54				87.38	
WG2145321-1	22-NOV-25 14:55	ROMANY IBRAHIM	1.23	8.46	7.26				83.40	

Quality Control

Form 6
Lab Duplicates

Client	: Haley & Aldrich	**Lab Number**	: L2574764
Project Name	: 545-547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-01
Client Sample ID	: NA	**Matrix**	: SOIL
Lab Sample ID	: NA	**Analysis Date**	: 11/22/25 14:55
Dup Sample ID	: WG2145321-1	**DUP Analysis Date**	: 11/22/25 14:55

Parameter	Sample Concentration (%)	Duplicate Concentration (%)	RPD	RPD Limit
Solids, Total	83.5	83.4	0	10

December 12, 2025

Mr. Marty Vitanza
Pace Analytical Labs
Eight Walkup Drive
Westborough, MA 01581

RE: Soil Oxidant Demand Test Results
Client ID: L2574764
PRIMA ID: Pace – 11252025 - 4764

Dear Mr. Vitanza:

This letter report describes the results of sodium persulfate (SP) soil oxidant demand (SOD) tests conducted by PRIMA Environmental, Inc. At the request of Pace, the SP was not activated and was measured at 72 hours. Methods and results are presented in this letter report.

Sample Receipt and Preparation. One soil sample (L2474764 / PDI-6_53-55_20251121) was received on November 25, 2025. It stored at 4°C until needed and brought to room temperature prior to use.

Procedures. Three bottles containing a 1:1 ratio of soil to SP solution were prepared. Each bottle contained a different initial concentration of sodium persulfate (SP). Bottles were capped and placed on a shaker. After 3 days, the amount of SP remaining in the water phase was measured using the FAS/$KMnO_4$ titration method.

Results. The 72 hr SP SOD results are given in **Table 1** (attached). SOD increased with increased initial concentration of SP, which is a common phenomenon.

If you have any questions regarding these results, please call me at 916-939-7300. Thank you for the opportunity to be of service.

Sincerely,
PRIMA Environmental, Inc.

Cindy G. Schreier, Ph.D.
President

Attachment

5070 Robert J. Mathews Pkwy, Suite 300 El Dorado Hills, CA 95762
Phone: (916) 939-7300 Fax: (916) 939-7398
www.primaenvironmental.com

PRIMA Environmental, Inc.

Table 1. 72 hour Unactivated Sodium Persulfate SOD Results.

Sample ID	SP Concentration, g/L		72 hr SOD, g SP/kg soil
	Initial	Final	
L2574764-07 (PDI-6_553-55_20251121)	4.5	< 0.4	4.5
	13	5.6	7.4
	29	17	12

PRIMA ENVIRONMENTAL INC.
Questions Answered.

5070 Robert J Mathews Parkway, Suite 300
El Dorado Hills, CA 95762
916-939-7300
www.primaenvironmental.com

Sample Receipt Summary

Date/Time: 11/25/2025 @9:45

Client/Company: Pace

Project: 11252025 - 4764

	Yes	No	N/A
Custody seals intact?	☐	☐	☒
Chain of custody Present?	☒	☐	☐
If no, list number of samples and Sample ID			
Ice present?	☒	☐	☐
If no, what is temperature? ____			
Samples in good condition?	☒	☐	☐
If no, explain:			
Do sample IDs on containers match IDs on COC?	☒	☐	☐
If no, explain:			

Other Comments:

Subcontract Chain of Custody

Prima Environmental
5070 Robert J. Matthews Parkway
Suite 300
El Dorado Hills, CA 95762

Pace Job Number
L2574764

Client Information

Client: Pace Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Report To:west.subreports@pacelabs.com
Bill To:invoices@pacelabs.coupahost.com

Phone: 508.439.5155
Email: Marty.Vitanza@pacelabs.com

Project Information

Project Location: NY
Project Manager: Marty Vitanza

Turnaround & Deliverables Information

Due Date:
Deliverables: ASP Category B Deliverables (Level 4)

Regulatory Requirements/Report Limits

State/Federal Program:
Regulatory Criteria: NY-UNRES

Report to MDL

Project Specific Requirements and/or Report Requirements

Reference following Pace Job Number on final report/deliverables: L2574764 Report to include Method and/or Regulatory required batch QC

Additional Comments: SOD with persulfate for a single point

Lab ID	Pace ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
	L2574764-07	PDI-6_53-55_20251121	11-21-25 14:00	SOIL	Persulfate Concentration Single Point Dose			3

	Relinquished By:	Date/Time:	Received By:	Date/Time:
	[signature]	~~11.25~~ 11.24.25	[signature] PRIMA	11/25/2025 @ 9:45
Form No: AL_subcoc				

Pace Analytical Services

Laboratory Code: 11148

SDG Number: L2612196

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

Table of Contents

New York ASP Category B Data Deliverable Package 1
- Table of Contents 2
- Sample ID Cross Reference 5
- SDG Narrative 6
- Data Qualifier Definitions 8
- Instrument Information 11
- Sample Log-in Sheet 14
- Lims COC (LN01) 15
- External Chain of Custody 17
- Organics Analysis 18
  - GCMS 8260 Analysis 19
    - Volatiles QC Summary 20
      - Form 2 - Organics 21
      - Form 3 - Organics 23
      - Form 4 - Organics 43
      - Form 5 - Organics 49
      - Form 8 - Organics 58
      - MDL Study - Volatile Organics 8260 64
    - Volatiles Sample Data 66
      - Form 1 - Organics 67
      - PDI-4_53-55_20260306 (L2612196-02) Analyzed: 03/09/26 14:01 124
      - PDI-4_58-60_20260306 (L2612196-03) Analyzed: 03/09/26 14:39 152
      - PDI-3_63-65_20260306 (L2612196-08) Analyzed: 03/09/26 17:54 183
      - PDI-3_48-50_20260306 (L2612196-05D) Analyzed: 03/09/26 15:57 211
      - PDI-3_53-55_20260306 (L2612196-06) Analyzed: 03/10/26 17:29 215
      - PDI-3_58-60_20260306 (L2612196-07) Analyzed: 03/10/26 17:56 240
      - PDI-3_48-50_20260306 (L2612196-05D2) Analyzed: 03/10/26 18:22 261
      - TB-01_20260306 (L2612196-09) Analyzed: 03/10/26 09:45 283
      - PDI-4_63-65_20260306 (L2612196-04) Analyzed: 03/10/26 12:44 289
      - PDI-4_48-50_20260306 (L2612196-01) Analyzed: 03/10/26 23:36 314
    - Volatile Standards Data 342
      - Initial Calibration 343
        - Form 6 - Organics 344
        - ICAL for VOA126 on 01/16/26 ICAL22967 354
        - Initial Calibration Summary - Cal Date: 01/16/26 00:00 354
        - BFB Tune Injected on: 01/15/26 16:42 358
        - STD0.5PPB Injected on: 01/15/26 17:51 359
        - STD1.0PPB Injected on: 01/15/26 19:08 363
        - STD2.0PPB Injected on: 01/15/26 20:26 395
        - STD4.0PPB Injected on: 01/15/26 21:43 420
        - STD20PPB Injected on: 01/15/26 22:22 440
        - STD40PPB Injected on: 01/15/26 23:01 452
        - STD100PPB Injected on: 01/15/26 23:40 464
        - STD200PPB Injected on: 01/16/26 00:19 478
        - STD300PPB Injected on: 01/16/26 00:58 491
        - ICV Summary Form Injected on: 01/16/26 04:11 506
        - ICV Quant Report Injected on: 01/16/26 04:11 510
        - Correlation Data Summary 521
        - ICAL for VOA111 on 01/22/26 ICAL22987 522
        - Initial Calibration Summary - Cal Date: 01/22/26 00:00 522

Table of Contents

BFB Tune Injected on: 01/21/26 16:03 526
STD0.5PPB Injected on: 01/21/26 17:21 527
STD1.0PPB Injected on: 01/21/26 18:14 537
STD2.0PPB Injected on: 01/21/26 19:07 570
STD4.0PPB Injected on: 01/21/26 20:00 606
STD20PPB Injected on: 01/21/26 20:26 634
STD40PPB Injected on: 01/21/26 20:52 649
STD100PPB Injected on: 01/21/26 21:18 657
STD200PPB Injected on: 01/21/26 21:44 662
STD300PPB Injected on: 01/21/26 22:10 667
ICV Summary Form Injected on: 01/22/26 00:46 672
ICV Quant Report Injected on: 01/22/26 00:46 675
ICAL for VOA110 on 03/06/26 ICAL23128 687
Initial Calibration Summary - Cal Date: 03/06/26 00:00 687
BFB Tune Injected on: 03/05/26 15:38 691
STD0.5PPB Injected on: 03/05/26 16:55 692
STD1.0PPB Injected on: 03/05/26 17:50 703
STD2.0PPB Injected on: 03/05/26 18:44 737
STD4.0PPB Injected on: 03/05/26 19:39 763
STD20PPB Injected on: 03/05/26 20:07 779
STD40PPB Injected on: 03/05/26 20:34 787
STD100PPB Injected on: 03/05/26 21:00 794
STD200PPB Injected on: 03/05/26 21:27 799
STD300PPB Injected on: 03/05/26 21:53 807
ICV Summary Form Injected on: 03/06/26 00:33 812
ICV Quant Report Injected on: 03/06/26 00:33 815
Correlation Data Summary 820
Continuing Calibration 821
Form 7 - Organics 822
CC Summary - VOA126 Run: 03/09/26 09:29 840
CC Quant - WG2183398-2 VOA126 Run: 03/09/26 09:29 843
CC Summary - VOA126 Run: 03/09/26 09:29 848
CC Quant - WG2183848-2 VOA126 Run: 03/09/26 09:29 851
CC Summary - VOA111 Run: 03/10/26 08:00 856
CC Quant - WG2183467-2 VOA111 Run: 03/10/26 08:00 859
CC Summary - VOA111 Run: 03/10/26 08:00 867
CC Quant - WG2183816-2 VOA111 Run: 03/10/26 08:00 870
CC Summary - VOA110 Run: 03/10/26 13:16 878
CC Quant - WG2183801-2 VOA110 Run: 03/10/26 13:16 881
CC Summary - VOA111 Run: 03/11/26 12:59 886
CC Quant - WG2183467-9 VOA111 Run: 03/11/26 12:59 889
bfb tune - Inst. VOA126 03/09/26 09:02 897
bfb tune - Inst. VOA111 03/10/26 07:12 899
bfb tune - Inst. VOA110 03/10/26 12:53 901
bfb tune - Inst. VOA111 03/11/26 12:37 902
Volatiles Raw QC Data 903
Laboratory Method Bl (WG2183398-5) Analyzed: 03/09/26 12:04 904
Laboratory Method Bl (WG2183848-5) Analyzed: 03/09/26 12:04 919
Laboratory Method Bl (WG2183467-5) Analyzed: 03/10/26 09:18 934
Laboratory Method Bl (WG2183816-5) Analyzed: 03/10/26 09:18 941

Table of Contents

Laboratory Method Bl (WG2183801-5) Analyzed: 03/10/26 15:04 948
Laboratory Method Bl (WG2183467-12) Analyzed: 03/11/26 14:44 956
Laboratory Control S (WG2183467-3) Analyzed: 03/10/26 08:00 962
Laboratory Control S (WG2183398-3) Analyzed: 03/09/26 09:29 1042
Laboratory Control S (WG2183848-3) Analyzed: 03/09/26 09:29 1120
Laboratory Control S (WG2183816-3) Analyzed: 03/10/26 08:00 1198
Laboratory Control S (WG2183467-10) Analyzed: 03/11/26 12:59 1278
Laboratory Control S (WG2183801-3) Analyzed: 03/10/26 13:16 1374
LCS Duplicate (WG2183467-4) Analyzed: 03/10/26 08:27 1452
LCS Duplicate (WG2183398-4) Analyzed: 03/09/26 10:08 1532
LCS Duplicate (WG2183848-4) Analyzed: 03/09/26 10:08 1611
LCS Duplicate (WG2183816-4) Analyzed: 03/10/26 08:27 1690
LCS Duplicate (WG2183467-11) Analyzed: 03/11/26 13:25 1770
LCS Duplicate (WG2183801-4) Analyzed: 03/10/26 13:43 1866
Matrix Spike (WG2183467-6) Analyzed: 03/11/26 16:03 1944
Matrix Spike Duplica (WG2183467-7) Analyzed: 03/11/26 16:29 2022
Volatiles Calculations 2100
QC Batch WG2183398 2101
QC Batch WG2183467 2102
QC Batch WG2183801 2103
QC Batch WG2183816 2104
QC Batch WG2183848 2105
ICAL Sequence for VOA126 on 16-JAN-2026 00:00 ICAL22967 2106
ICAL Sequence for VOA111 on 22-JAN-2026 00:00 ICAL22987 2107
Logbook 2107
ICAL Sequence for VOA110 on 06-MAR-2026 00:00 ICAL23128 2108
Logbook 2108
Instrument VOA126 Run Date 03/09/26 Run ID R2075335 2109
Instrument VOA111 Run Date 03/10/26 Run ID R2075410 2110
Instrument VOA110 Run Date 03/10/26 Run ID R2075769 2111
Instrument VOA111 Run Date 03/10/26 Run ID R2075787 2112
Instrument VOA126 Run Date 03/09/26 Run ID R2075806 2113
Wet Chemistry Analysis 2114
Total Solids Analysis 2115
Results 2116
Form 1 - Inorganics 2117
Sample Raw Data 2126
Wet Chemistry Raw Data 2127
Quality Control 2128
Form 6 - Inorganics 2129

Project Name: 547 CONEY ISL./50 HINCKLEY
Project Number: 0204391-001-003-02

Lab Number: L2612196
Report Date: 03/11/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2612196-01	PDI-4_48-50_20260306	SOIL	BROOKLYN, NY	03/06/26 10:45	03/06/26
L2612196-02	PDI-4_53-55_20260306	SOIL	BROOKLYN, NY	03/06/26 10:50	03/06/26
L2612196-03	PDI-4_58-60_20260306	SOIL	BROOKLYN, NY	03/06/26 10:55	03/06/26
L2612196-04	PDI-4_63-65_20260306	SOIL	BROOKLYN, NY	03/06/26 11:00	03/06/26
L2612196-05	PDI-3_48-50_20260306	SOIL	BROOKLYN, NY	03/06/26 13:00	03/06/26
L2612196-06	PDI-3_53-55_20260306	SOIL	BROOKLYN, NY	03/06/26 13:05	03/06/26
L2612196-07	PDI-3_58-60_20260306	SOIL	BROOKLYN, NY	03/06/26 13:10	03/06/26
L2612196-08	PDI-3_63-65_20260306	SOIL	BROOKLYN, NY	03/06/26 13:15	03/06/26
L2612196-09	TB-01_20260306	SOIL	BROOKLYN, NY	03/06/26 07:00	03/06/26

Case Narrative

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

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

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

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

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

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

Case Narrative (continued)

Report Submission

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

Volatile Organics

L2612196-06: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (135%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

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

Authorized Signature: Kelly Stenstrom Report Date: 03/11/26

Title: Technical Director/Representative

DATA PACKAGE GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: DU Report with 'J' Qualifiers

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

Report Format: DU Report with 'J' Qualifiers

TYPICAL INSTRUMENT PARAMETERS

Volatile Organics Instruments

Volatile Organics:

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

Volatile Organics: VPH

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

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD	
	Column Type: Haysep S Column
	Column Length: 2 Meters packed (100/200 mesh)
Autosampler: LEAP Headspace	Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

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

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

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

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

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

Pesticides/PCB/Herbicides:

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

Petroleum/EPH:

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

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

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

Semivolatile Organics (8270):

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

Semivolatile Organics (8270 SIM):

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

Semivolatile Organics (1,4-Dioxane):

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

Semivolatile Organics (209 Congener):

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

Semivolatile Organics (8081):

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

Semivolatile Organics (8082):

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

Semivolatile Organics (SHC Extractables):

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

Sample Delivery Group Summary

Pace Job Number : L2612196

Account Name : Haley & Aldrich
Project Number : 0204391-001-003-02
Project Name : 547 CONEY ISL./50 HINCKLEY

Received : 06-MAR-2026
Reviewer : Owen Jefferson

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	5.6	

Condition Information

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

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Mar 11 2026, 06:26 pm

Login Number: L2612196
Account: HALEY-NYC Haley & AldrichProject: 0204391-001-003-02
Received: 06MAR26 Due Date: 11MAR26

Sample #	Client ID	Mat	PR	Collected
L2612196-01	PDI-4_48-50_20260306	3	1C	06MAR26 10:45
| ASP-B Package Due Date: 03/11/26				
5035KITS,ASP-B,NYTCL-8260HLW,TS				
L2612196-02	PDI-4_53-55_20260306	3	1C	06MAR26 10:50
| Package Due Date: 03/11/26				
5035KITS,NYTCL-8260HLW,TS				
L2612196-03	PDI-4_58-60_20260306	3	1C	06MAR26 10:55
| Package Due Date: 03/11/26				
5035KITS,NYTCL-8260HLW,TS				
L2612196-04	PDI-4_63-65_20260306	3	1C	06MAR26 11:00
| Package Due Date: 03/11/26				
5035KITS,NYTCL-8260HLW,TS				
L2612196-05	PDI-3_48-50_20260306	3	1C	06MAR26 13:00
| Package Due Date: 03/11/26				
5035KITS,NYTCL-8260HLW,TS				
L2612196-06	PDI-3_53-55_20260306	3	1C	06MAR26 13:05
| Package Due Date: 03/11/26				
5035KITS,NYTCL-8260HLW,TS				
L2612196-07	PDI-3_58-60_20260306	3	1C	06MAR26 13:10
L2612196-07 MS L2612196-07 MSD Package Due Date: 03/11/26				

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Mar 11 2026, 06:26 pm

Login Number: L2612196
Account: HALEY-NYC Haley & AldrichProject: 0204391-001-003-02
Received: 06MAR26 Due Date: 11MAR26

Sample #	Client ID	Mat	PR	Collected
5035KITS,MS/MSD,NYTCL-8260HLW,TS				
L2612196-08	PDI-3_63-65_20260306	3	1C	06MAR26 13:15
| Package Due Date: 03/11/26				
5035KITS,NYTCL-8260HLW,TS				
L2612196-09	TB-01_20260306	3	1C	06MAR26 07:00
| Package Due Date: 03/11/26				
5035KITS,NYTCL-8260HLW,TS100				

Logged By: Marty Vitanza

NEW YORK CHAIN OF CUSTODY

L2612196
HALEY – NYC

Pace ANALYTICAL SERVICES

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

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab 03/07/26

Client Information
Client: Haley & Aldrich of New York
Address: 213 W 35th St, 7th Floor
New York, NY 10001
Phone: 646-277-5692
Fax:
Email: ZSimmel@haleyaldrich.com

Project Information
Project Name: 547 Coney Island Avenue & 50 Hackley Place
Project Location: Brooklyn, New York
Project # 0204391-001-003-02
(Use Project name as Project #) ☐
Project Manager: Zachary Simmel
PACE Quote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 3 DAY TAT

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☑ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☑ NY Restricted Use ☐ Other
☑ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	Sample Specific Comments	Total Bottle
12196-01	PDI-4_48-50_20260306	3/6/2026	10:45	S	CRJ	X		4
-02	PDI-4_53-55_20260306		10:50			X		4
-03	PDI-4_58-60_20260306		10:55			X		4
-04	PDI-4_63-65_20260306		11:00			X		4
-05	PDI-3_48-50_20260306		13:00			X		4
-06	PDI-3_53-55_20260306		13:05			X		4
-07	PDI-3_58-60_20260306		13:10			X	Triple Volume (MS/MSD)	12
-08	PDI-3_63-65_20260306	↓	13:15	↓	↓	X		4
-09	TB-01_20260306	↓	7:00	TB	↓	X		4

Container Type: V
Preservative: B

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Calvin Jackson	3/6/26 14:55		3/6/26 14:55
	3/6/26 18:20		3/6 18:20
	3/6		3/6 2:20
	3/7 120		0370126-092

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Organics

GC/MS 8260
Analysis

Volatiles QC Summary

Surrogate Recovery Summary
Form 2
Volatiles

Client: Haley & Aldrich
Project Name: 547 CONEY ISL./50 HINCKLEY

Lab Number: L2612196
Project Number: 0204391-001-003-02
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
PDI-4_48-50_20260306 (L2612196-01)	100	111	101	89	0
PDI-4_53-55_20260306 (L2612196-02)	102	106	104	98	0
PDI-4_58-60_20260306 (L2612196-03)	104	106	105	98	0
PDI-4_63-65_20260306 (L2612196-04)	117	77	107	101	0
PDI-3_48-50_20260306 (L2612196-05D2)	113	108	111	93	0
PDI-3_48-50_20260306 (L2612196-05D)	103	106	105	95	0
PDI-3_53-55_20260306 (L2612196-06)	115	110	135*	96	1
PDI-3_58-60_20260306 (L2612196-07)	117	106	106	98	0
PDI-3_63-65_20260306 (L2612196-08)	101	106	104	97	0
TB-01_20260306 (L2612196-09)	119	110	96	105	0
WG2183398-3LCS	104	107	104	100	0
WG2183398-4LCSD	102	107	106	100	0
WG2183398-5BLANK	107	106	105	99	0
WG2183467-10LCS	115	108	116	100	0
WG2183467-11LCSD	116	109	114	100	0
WG2183467-12BLANK	115	109	113	96	0
WG2183467-3LCS	121	105	102	104	0
WG2183467-4LCSD	118	76	115	105	0
WG2183467-5BLANK	127	110	113	102	0
PDI-3_58-60_20260306MS	122	105	98	100	0
PDI-3_58-60_20260306MSD	119	104	111	99	0
WG2183801-3LCS	95	107	98	92	0
WG2183801-4LCSD	97	107	99	92	0
WG2183801-5BLANK	100	105	100	97	0
WG2183816-3LCS	121	105	102	104	0
WG2183816-4LCSD	118	76	115	105	0
WG2183816-5BLANK	127	110	113	102	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

*** Values outside of QC limits**

Surrogate Recovery Summary
Form 2
Volatiles

Client: Haley & Aldrich
Project Name: 547 CONEY ISL./50 HINCKLEY

Lab Number: L2612196
Project Number: 0204391-001-003-02
Matrix:

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
WG2183848-3LCS	104	107	104	100	0
WG2183848-4LCSD	102	107	106	100	0
WG2183848-5BLANK	107	106	104	99	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

* Values outside of QC limits

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2183398-3 **Analysis Date** : 03/09/26 09:29	**File ID**	: V26260309A01
LCSD Sample ID	: WG2183398-4 **Analysis Date** : 03/09/26 10:08	**File ID**	: V26260309A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	40	33	83	40	33	81	2	70-130	30
1,1-Dichloroethane	40	40	100	40	39	98	2	70-130	30
Chloroform	40	35	87	40	35	87	0	70-130	30
Carbon tetrachloride	40	35	88	40	36	89	1	70-130	30
1,2-Dichloropropane	40	40	100	40	41	101	1	70-130	30
Dibromochloromethane	40	36	90	40	37	91	1	70-130	30
1,1,2-Trichloroethane	40	39	97	40	39	98	1	70-130	30
Tetrachloroethene	40	37	92	40	37	93	1	70-130	30
Chlorobenzene	40	38	94	40	38	96	2	70-130	30
Trichlorofluoromethane	40	37	94	40	36	90	4	70-139	30
1,2-Dichloroethane	40	37	92	40	37	92	0	70-130	30
1,1,1-Trichloroethane	40	37	92	40	37	92	0	70-130	30
Bromodichloromethane	40	36	89	40	36	90	1	70-130	30
trans-1,3-Dichloropropene	40	39	97	40	39	98	1	70-130	30
cis-1,3-Dichloropropene	40	37	93	40	38	94	1	70-130	30
1,1-Dichloropropene	40	40	100	40	40	100	0	70-130	30
Bromoform	40	35	87	40	36	90	3	70-130	30
1,1,2,2-Tetrachloroethane	40	40	100	40	41	103	3	70-130	30
Benzene	40	38	95	40	38	96	1	70-130	30
Toluene	40	39	96	40	39	97	1	70-130	30
Ethylbenzene	40	40	100	40	40	101	1	70-130	30
Chloromethane	40	38	94	40	34	84	11	52-130	30
Bromomethane	40	33	83	40	30	76	9	57-147	30
Vinyl chloride	40	37	93	40	35	87	7	67-130	30
Chloroethane	40	39	97	40	36	91	6	50-151	30
1,1-Dichloroethene	40	37	93	40	36	90	3	65-135	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2183398-3 **Analysis Date** : 03/09/26 09:29	**File ID**	: V26260309A01
LCSD Sample ID	: WG2183398-4 **Analysis Date** : 03/09/26 10:08	**File ID**	: V26260309A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	40	37	93	40	36	91	2	70-130	30
Trichloroethene	40	37	92	40	38	94	2	70-130	30
1,2-Dichlorobenzene	40	38	94	40	38	95	1	70-130	30
1,3-Dichlorobenzene	40	38	96	40	39	97	1	70-130	30
1,4-Dichlorobenzene	40	38	95	40	38	96	1	70-130	30
Methyl tert butyl ether	40	37	92	40	36	90	2	66-130	30
p/m-Xylene	80	78	97	80	79	98	1	70-130	30
o-Xylene	80	77	96	80	78	98	2	70-130	30
cis-1,2-Dichloroethene	40	35	88	40	36	89	1	70-130	30
Dibromomethane	40	35	86	40	35	88	2	70-130	30
Styrene	80	77	96	80	78	98	2	70-130	30
Dichlorodifluoromethane	40	23	58	40	22	54	7	30-146	30
Acetone	40	39	96	40	38	95	1	54-140	30
Carbon disulfide	40	37	93	40	36	90	3	59-130	30
2-Butanone	40	37	93	40	37	92	1	70-130	30
Vinyl acetate	40	41	103	40	40	99	4	70-130	30
4-Methyl-2-pentanone	40	41	103	40	41	103	0	70-130	30
1,2,3-Trichloropropane	40	40	99	40	41	102	3	68-130	30
2-Hexanone	40	42	106	40	43	107	1	70-130	30
Bromochloromethane	40	34	86	40	35	87	1	70-130	30
2,2-Dichloropropane	40	37	93	40	37	92	1	70-130	30
1,2-Dibromoethane	40	38	94	40	38	95	1	70-130	30
1,3-Dichloropropane	40	39	97	40	40	99	2	69-130	30
1,1,1,2-Tetrachloroethane	40	37	92	40	37	93	1	70-130	30
Bromobenzene	40	37	93	40	38	95	2	70-130	30
n-Butylbenzene	40	43	108	40	43	108	0	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2183398-3 **Analysis Date** : 03/09/26 09:29	**File ID**	: V26260309A01
LCSD Sample ID	: WG2183398-4 **Analysis Date** : 03/09/26 10:08	**File ID**	: V26260309A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
sec-Butylbenzene	40	42	106	40	43	108	2	70-130	30
tert-Butylbenzene	40	40	101	40	41	103	2	70-130	30
o-Chlorotoluene	40	41	102	40	42	104	2	70-130	30
p-Chlorotoluene	40	40	100	40	41	102	2	70-130	30
1,2-Dibromo-3-chloropropane	40	34	85	40	35	88	3	68-130	30
Hexachlorobutadiene	40	40	100	40	41	102	2	67-130	30
Isopropylbenzene	40	41	103	40	43	106	3	70-130	30
p-Isopropyltoluene	40	41	103	40	42	104	1	70-130	30
Naphthalene	40	38	95	40	39	97	2	70-130	30
Acrylonitrile	40	42	106	40	42	105	1	70-130	30
n-Propylbenzene	40	43	106	40	44	109	3	70-130	30
1,2,3-Trichlorobenzene	40	39	97	40	39	98	1	70-130	30
1,2,4-Trichlorobenzene	40	40	99	40	40	100	1	70-130	30
1,3,5-Trimethylbenzene	40	41	102	40	42	104	2	70-130	30
1,2,4-Trimethylbenzene	40	41	101	40	41	103	2	70-130	30
1,4-Dioxane	2000	1700	86	2000	1900	94	9	65-136	30
p-Diethylbenzene	40	42	104	40	42	104	0	70-130	30
p-Ethyltoluene	40	42	104	40	42	106	2	70-130	30
1,2,4,5-Tetramethylbenzene	40	42	104	40	42	104	0	70-130	30
Ethyl ether	40	38	96	40	37	93	3	67-130	30
trans-1,4-Dichloro-2-butene	40	42	106	40	43	108	2	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2183467-3 **Analysis Date** : 03/10/26 08:00	**File ID**	: V11260310A02
LCSD Sample ID	: WG2183467-4 **Analysis Date** : 03/10/26 08:27	**File ID**	: V11260310A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	2000	1900	97	2000	1900	97	0	70-130	30
1,1-Dichloroethane	2000	2200	112	2000	2300	112	0	70-130	30
Chloroform	2000	2200	108	2000	2200	108	0	70-130	30
Carbon tetrachloride	2000	2200	112	2000	2300	115	3	70-130	30
1,2-Dichloropropane	2000	2100	105	2000	2100	106	1	70-130	30
Dibromochloromethane	2000	1900	97	2000	1900	94	3	70-130	30
1,1,2-Trichloroethane	2000	2000	100	2000	1500	73	31 Q	70-130	30
Tetrachloroethene	2000	2100	105	2000	1500	75	33 Q	70-130	30
Chlorobenzene	2000	2000	101	2000	2000	102	1	70-130	30
Trichlorofluoromethane	2000	2500	125	2000	2500	123	2	70-139	30
1,2-Dichloroethane	2000	2300	112	2000	2200	109	3	70-130	30
1,1,1-Trichloroethane	2000	2300	115	2000	2300	116	1	70-130	30
Bromodichloromethane	2000	2100	103	2000	2100	104	1	70-130	30
trans-1,3-Dichloropropene	2000	2000	101	2000	1400	72	34 Q	70-130	30
cis-1,3-Dichloropropene	2000	2000	100	2000	2000	101	1	70-130	30
1,1-Dichloropropene	2000	2400	118	2000	2400	118	0	70-130	30
Bromoform	2000	1800	88	2000	1800	89	1	70-130	30
1,1,2,2-Tetrachloroethane	2000	2100	105	2000	2100	104	1	70-130	30
Benzene	2000	2100	106	2000	2100	106	0	70-130	30
Toluene	2000	2100	104	2000	1500	74	34 Q	70-130	30
Ethylbenzene	2000	2200	108	2000	2200	111	3	70-130	30
Chloromethane	2000	2500	127	2000	2500	125	2	52-130	30
Bromomethane	2000	2100	106	2000	2200	111	5	57-147	30
Vinyl chloride	2000	2800	141 Q	2000	2800	137 Q	3	67-130	30
Chloroethane	2000	2400	119	2000	2400	119	0	50-151	30
1,1-Dichloroethene	2000	2200	109	2000	2200	110	1	65-135	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2183467-3 **Analysis Date** : 03/10/26 08:00	**File ID**	: V11260310A02
LCSD Sample ID	: WG2183467-4 **Analysis Date** : 03/10/26 08:27	**File ID**	: V11260310A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	2000	2100	106	2000	2100	106	0	70-130	30
Trichloroethene	2000	2100	106	2000	2200	110	4	70-130	30
1,2-Dichlorobenzene	2000	2000	100	2000	2000	100	0	70-130	30
1,3-Dichlorobenzene	2000	2000	102	2000	2000	102	0	70-130	30
1,4-Dichlorobenzene	2000	1900	96	2000	1900	97	1	70-130	30
Methyl tert butyl ether	2000	2000	99	2000	1900	96	3	66-130	30
p/m-Xylene	4000	4300	108	4000	4300	107	1	70-130	30
o-Xylene	4000	4200	104	4000	4100	103	1	70-130	30
cis-1,2-Dichloroethene	2000	2000	100	2000	2000	102	2	70-130	30
Dibromomethane	2000	2000	100	2000	2000	98	2	70-130	30
Styrene	4000	4000	101	4000	4100	102	1	70-130	30
Dichlorodifluoromethane	2000	2300	117	2000	2300	116	1	30-146	30
Acetone	2000	2100	104	2000	1900	95	9	54-140	30
Carbon disulfide	2000	2100	104	2000	2100	104	0	59-130	30
2-Butanone	2000	2300	114	2000	2000	99	14	70-130	30
Vinyl acetate	2000	2100	104	2000	1600	78	29	70-130	30
4-Methyl-2-pentanone	2000	1900	93	2000	1200	59 Q	45 Q	70-130	30
1,2,3-Trichloropropane	2000	2200	109	2000	2200	111	2	68-130	30
2-Hexanone	2000	1800	91	2000	2100	106	15	70-130	30
Bromochloromethane	2000	1900	97	2000	2000	98	1	70-130	30
2,2-Dichloropropane	2000	2200	111	2000	2200	111	0	70-130	30
1,2-Dibromoethane	2000	2000	101	2000	1800	88	14	70-130	30
1,3-Dichloropropane	2000	2100	104	2000	2200	109	5	69-130	30
1,1,1,2-Tetrachloroethane	2000	1900	97	2000	1900	96	1	70-130	30
Bromobenzene	2000	1900	96	2000	1900	96	0	70-130	30
n-Butylbenzene	2000	2300	117	2000	2500	124	6	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2183467-3 **Analysis Date** : 03/10/26 08:00	**File ID**	: V11260310A02
LCSD Sample ID	: WG2183467-4 **Analysis Date** : 03/10/26 08:27	**File ID**	: V11260310A03

	Laboratory Control Sample			Laboratory Control Duplicate						
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD		Recovery Limits	RPD Limit
sec-Butylbenzene	2000	2300	116	2000	2400	121	4		70-130	30
tert-Butylbenzene	2000	2200	110	2000	2300	116	5		70-130	30
o-Chlorotoluene	2000	2200	110	2000	2400	119	8		70-130	30
p-Chlorotoluene	2000	2200	110	2000	2400	121	10		70-130	30
1,2-Dibromo-3-chloropropane	2000	1700	87	2000	1700	84	4		68-130	30
Hexachlorobutadiene	2000	2000	98	2000	2100	104	6		67-130	30
Isopropylbenzene	2000	2200	111	2000	2400	119	7		70-130	30
p-Isopropyltoluene	2000	2200	112	2000	2300	116	4		70-130	30
Naphthalene	2000	1700	84	2000	1800	88	5		70-130	30
Acrylonitrile	2000	2100	105	2000	1500	76	32	Q	70-130	30
n-Propylbenzene	2000	2400	118	2000	2500	126	7		70-130	30
1,2,3-Trichlorobenzene	2000	1700	85	2000	1700	87	2		70-130	30
1,2,4-Trichlorobenzene	2000	1800	90	2000	1800	91	1		70-130	30
1,3,5-Trimethylbenzene	2000	2200	110	2000	2300	116	5		70-130	30
1,2,4-Trimethylbenzene	2000	2200	108	2000	2300	115	6		70-130	30
1,4-Dioxane	100000	110000	107	100000	97000	97	10		65-136	30
p-Diethylbenzene	2000	2200	109	2000	2300	113	4		70-130	30
p-Ethyltoluene	2000	2200	112	2000	2400	119	6		70-130	30
1,2,4,5-Tetramethylbenzene	2000	2000	99	2000	2100	106	7		70-130	30
Ethyl ether	2000	2000	101	2000	2000	100	1		67-130	30
trans-1,4-Dichloro-2-butene	2000	2100	107	2000	2100	105	2		70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2183801-3 **Analysis Date** : 03/10/26 13:16	**File ID**	: V10260310A01
LCSD Sample ID	: WG2183801-4 **Analysis Date** : 03/10/26 13:43	**File ID**	: V10260310A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	40	39	98	40	40	100	2	70-130	30
1,1-Dichloroethane	40	38	95	40	38	96	1	70-130	30
Chloroform	40	35	87	40	35	88	1	70-130	30
Carbon tetrachloride	40	43	108	40	43	106	2	70-130	30
1,2-Dichloropropane	40	37	92	40	38	94	2	70-130	30
Dibromochloromethane	40	40	100	40	41	102	2	70-130	30
1,1,2-Trichloroethane	40	37	92	40	37	94	2	70-130	30
Tetrachloroethene	40	46	115	40	45	113	2	70-130	30
Chlorobenzene	40	41	102	40	41	101	1	70-130	30
Trichlorofluoromethane	40	47	118	40	47	117	1	70-139	30
1,2-Dichloroethane	40	36	91	40	37	92	1	70-130	30
1,1,1-Trichloroethane	40	37	93	40	37	92	1	70-130	30
Bromodichloromethane	40	38	94	40	38	94	0	70-130	30
trans-1,3-Dichloropropene	40	41	103	40	42	104	1	70-130	30
cis-1,3-Dichloropropene	40	38	94	40	38	94	0	70-130	30
1,1-Dichloropropene	40	43	108	40	43	106	2	70-130	30
Bromoform	40	39	97	40	40	100	3	70-130	30
1,1,2,2-Tetrachloroethane	40	36	91	40	37	92	1	70-130	30
Benzene	40	38	96	40	38	95	1	70-130	30
Toluene	40	42	104	40	42	104	0	70-130	30
Ethylbenzene	40	42	106	40	42	105	1	70-130	30
Chloromethane	40	43	108	40	42	105	3	52-130	30
Bromomethane	40	41	101	40	41	102	1	57-147	30
Vinyl chloride	40	46	114	40	46	114	0	67-130	30
Chloroethane	40	43	106	40	43	108	2	50-151	30
1,1-Dichloroethene	40	41	102	40	40	100	2	65-135	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2183801-3 **Analysis Date** : 03/10/26 13:16	**File ID**	: V10260310A01
LCSD Sample ID	: WG2183801-4 **Analysis Date** : 03/10/26 13:43	**File ID**	: V10260310A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	40	36	90	40	37	92	2	70-130	30
Trichloroethene	40	41	101	40	40	100	1	70-130	30
1,2-Dichlorobenzene	40	42	104	40	42	105	1	70-130	30
1,3-Dichlorobenzene	40	43	106	40	42	106	0	70-130	30
1,4-Dichlorobenzene	40	42	106	40	42	105	1	70-130	30
Methyl tert butyl ether	40	35	87	40	36	91	4	66-130	30
p/m-Xylene	80	83	103	80	82	103	0	70-130	30
o-Xylene	80	81	102	80	82	102	0	70-130	30
cis-1,2-Dichloroethene	40	37	93	40	37	92	1	70-130	30
Dibromomethane	40	35	88	40	36	89	1	70-130	30
Styrene	80	81	101	80	81	101	0	70-130	30
Dichlorodifluoromethane	40	59	147 Q	40	58	144	2	30-146	30
Acetone	40	37	92	40	38	95	3	54-140	30
Carbon disulfide	40	42	104	40	42	105	1	59-130	30
2-Butanone	40	33	82	40	35	89	8	70-130	30
Vinyl acetate	40	37	92	40	39	97	5	70-130	30
4-Methyl-2-pentanone	40	38	96	40	40	101	5	70-130	30
1,2,3-Trichloropropane	40	38	95	40	39	98	3	68-130	30
2-Hexanone	40	37	92	40	39	98	6	70-130	30
Bromochloromethane	40	37	92	40	37	93	1	70-130	30
2,2-Dichloropropane	40	40	100	40	40	100	0	70-130	30
1,2-Dibromoethane	40	42	105	40	43	107	2	70-130	30
1,3-Dichloropropane	40	40	100	40	41	102	2	69-130	30
1,1,1,2-Tetrachloroethane	40	42	106	40	42	105	1	70-130	30
Bromobenzene	40	42	105	40	41	103	2	70-130	30
n-Butylbenzene	40	46	114	40	45	112	2	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2183801-3 **Analysis Date** : 03/10/26 13:16	**File ID**	: V10260310A01
LCSD Sample ID	: WG2183801-4 **Analysis Date** : 03/10/26 13:43	**File ID**	: V10260310A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
sec-Butylbenzene	40	45	113	40	45	112	1	70-130	30
tert-Butylbenzene	40	45	112	40	44	109	3	70-130	30
o-Chlorotoluene	40	42	104	40	41	103	1	70-130	30
p-Chlorotoluene	40	42	106	40	42	105	1	70-130	30
1,2-Dibromo-3-chloropropane	40	38	95	40	38	96	1	68-130	30
Hexachlorobutadiene	40	47	117	40	46	114	3	67-130	30
Isopropylbenzene	40	43	108	40	44	109	1	70-130	30
p-Isopropyltoluene	40	45	112	40	44	110	2	70-130	30
Naphthalene	40	39	99	40	40	100	1	70-130	30
Acrylonitrile	40	33	83	40	35	87	5	70-130	30
n-Propylbenzene	40	45	112	40	44	110	2	70-130	30
1,2,3-Trichlorobenzene	40	41	103	40	41	103	0	70-130	30
1,2,4-Trichlorobenzene	40	43	107	40	42	106	1	70-130	30
1,3,5-Trimethylbenzene	40	43	108	40	43	107	1	70-130	30
1,2,4-Trimethylbenzene	40	43	107	40	42	105	2	70-130	30
1,4-Dioxane	2000	1700	84	2000	1800	89	6	65-136	30
p-Diethylbenzene	40	45	112	40	44	109	3	70-130	30
p-Ethyltoluene	40	44	110	40	43	109	1	70-130	30
1,2,4,5-Tetramethylbenzene	40	43	108	40	42	106	2	70-130	30
Ethyl ether	40	37	92	40	38	94	2	67-130	30
trans-1,4-Dichloro-2-butene	40	38	95	40	39	97	2	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2183816-3 **Analysis Date** : 03/10/26 08:00	**File ID**	: V11260310A02
LCSD Sample ID	: WG2183816-4 **Analysis Date** : 03/10/26 08:27	**File ID**	: V11260310A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	40	39	97	40	39	97	0	70-130	30
1,1-Dichloroethane	40	45	112	40	45	112	0	70-130	30
Chloroform	40	43	108	40	43	108	0	70-130	30
Carbon tetrachloride	40	45	112	40	46	115	3	70-130	30
1,2-Dichloropropane	40	42	105	40	43	106	1	70-130	30
Dibromochloromethane	40	39	97	40	38	94	3	70-130	30
1,1,2-Trichloroethane	40	40	100	40	29	73	31 Q	70-130	30
Tetrachloroethene	40	42	105	40	30	75	33 Q	70-130	30
Chlorobenzene	40	40	101	40	41	102	1	70-130	30
Trichlorofluoromethane	40	50	125	40	49	123	2	70-139	30
1,2-Dichloroethane	40	45	112	40	44	109	3	70-130	30
1,1,1-Trichloroethane	40	46	115	40	46	116	1	70-130	30
Bromodichloromethane	40	41	103	40	42	104	1	70-130	30
trans-1,3-Dichloropropene	40	40	101	40	29	72	34 Q	70-130	30
cis-1,3-Dichloropropene	40	40	100	40	41	101	1	70-130	30
1,1-Dichloropropene	40	47	118	40	47	118	0	70-130	30
Bromoform	40	35	88	40	36	89	1	70-130	30
1,1,2,2-Tetrachloroethane	40	42	105	40	42	104	1	70-130	30
Benzene	40	42	106	40	42	106	0	70-130	30
Toluene	40	42	104	40	30	74	34 Q	70-130	30
Ethylbenzene	40	43	108	40	45	111	3	70-130	30
Chloromethane	40	51	127	40	50	125	2	52-130	30
Bromomethane	40	42	106	40	45	111	5	57-147	30
Vinyl chloride	40	57	141 Q	40	55	137 Q	3	67-130	30
Chloroethane	40	48	119	40	48	119	0	50-151	30
1,1-Dichloroethene	40	44	109	40	44	110	1	65-135	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2183816-3 **Analysis Date** : 03/10/26 08:00	**File ID**	: V11260310A02
LCSD Sample ID	: WG2183816-4 **Analysis Date** : 03/10/26 08:27	**File ID**	: V11260310A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	40	43	106	40	42	106	0	70-130	30
Trichloroethene	40	42	106	40	44	110	4	70-130	30
1,2-Dichlorobenzene	40	40	100	40	40	100	0	70-130	30
1,3-Dichlorobenzene	40	41	102	40	41	102	0	70-130	30
1,4-Dichlorobenzene	40	38	96	40	39	97	1	70-130	30
Methyl tert butyl ether	40	40	99	40	38	96	3	66-130	30
p/m-Xylene	80	86	108	80	86	107	1	70-130	30
o-Xylene	80	83	104	80	83	103	1	70-130	30
cis-1,2-Dichloroethene	40	40	100	40	41	102	2	70-130	30
Dibromomethane	40	40	100	40	39	98	2	70-130	30
Styrene	80	81	101	80	81	102	1	70-130	30
Dichlorodifluoromethane	40	47	117	40	46	116	1	30-146	30
Acetone	40	42	104	40	38	95	9	54-140	30
Carbon disulfide	40	42	104	40	42	104	0	59-130	30
2-Butanone	40	46	114	40	40	99	14	70-130	30
Vinyl acetate	40	42	104	40	31	78	29	70-130	30
4-Methyl-2-pentanone	40	37	93	40	24	59 Q	45 Q	70-130	30
1,2,3-Trichloropropane	40	44	109	40	44	111	2	68-130	30
2-Hexanone	40	37	91	40	43	106	15	70-130	30
Bromochloromethane	40	39	97	40	39	98	1	70-130	30
2,2-Dichloropropane	40	44	111	40	44	111	0	70-130	30
1,2-Dibromoethane	40	40	101	40	35	88	14	70-130	30
1,3-Dichloropropane	40	42	104	40	44	109	5	69-130	30
1,1,1,2-Tetrachloroethane	40	39	97	40	38	96	1	70-130	30
Bromobenzene	40	39	96	40	38	96	0	70-130	30
n-Butylbenzene	40	47	117	40	50	124	6	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2183816-3 **Analysis Date** : 03/10/26 08:00	**File ID**	: V11260310A02
LCSD Sample ID	: WG2183816-4 **Analysis Date** : 03/10/26 08:27	**File ID**	: V11260310A03

	Laboratory Control Sample			Laboratory Control Duplicate						
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD		Recovery Limits	RPD Limit
sec-Butylbenzene	40	46	116	40	48	121	4		70-130	30
tert-Butylbenzene	40	44	110	40	46	116	5		70-130	30
o-Chlorotoluene	40	44	110	40	48	119	8		70-130	30
p-Chlorotoluene	40	44	110	40	48	121	10		70-130	30
1,2-Dibromo-3-chloropropane	40	35	87	40	34	84	4		68-130	30
Hexachlorobutadiene	40	39	98	40	42	104	6		67-130	30
Isopropylbenzene	40	44	111	40	48	119	7		70-130	30
p-Isopropyltoluene	40	45	112	40	46	116	4		70-130	30
Naphthalene	40	34	84	40	35	88	5		70-130	30
Acrylonitrile	40	42	105	40	31	76	32	Q	70-130	30
n-Propylbenzene	40	47	118	40	50	126	7		70-130	30
1,2,3-Trichlorobenzene	40	34	85	40	35	87	2		70-130	30
1,2,4-Trichlorobenzene	40	36	90	40	37	91	1		70-130	30
1,3,5-Trimethylbenzene	40	44	110	40	47	116	5		70-130	30
1,2,4-Trimethylbenzene	40	43	108	40	46	115	6		70-130	30
1,4-Dioxane	2000	2100	107	2000	1900	97	10		65-136	30
p-Diethylbenzene	40	44	109	40	45	113	4		70-130	30
p-Ethyltoluene	40	45	112	40	48	119	6		70-130	30
1,2,4,5-Tetramethylbenzene	40	40	99	40	43	106	7		70-130	30
Ethyl ether	40	40	101	40	40	100	1		67-130	30
trans-1,4-Dichloro-2-butene	40	43	107	40	42	105	2		70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2183848-3 **Analysis Date** : 03/09/26 09:29	**File ID**	: V26260309A01
LCSD Sample ID	: WG2183848-4 **Analysis Date** : 03/09/26 10:08	**File ID**	: V26260309A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	2000	1700	83	2000	1600	81	2	70-130	30
1,1-Dichloroethane	2000	2000	100	2000	2000	98	2	70-130	30
Chloroform	2000	1700	87	2000	1700	87	0	70-130	30
Carbon tetrachloride	2000	1800	88	2000	1800	89	1	70-130	30
1,2-Dichloropropane	2000	2000	100	2000	2000	101	1	70-130	30
Dibromochloromethane	2000	1800	90	2000	1800	91	1	70-130	30
1,1,2-Trichloroethane	2000	1900	97	2000	2000	98	1	70-130	30
Tetrachloroethene	2000	1800	92	2000	1900	93	1	70-130	30
Chlorobenzene	2000	1900	94	2000	1900	96	2	70-130	30
Trichlorofluoromethane	2000	1900	94	2000	1800	90	4	70-139	30
1,2-Dichloroethane	2000	1900	92	2000	1900	92	0	70-130	30
1,1,1-Trichloroethane	2000	1800	92	2000	1800	92	0	70-130	30
Bromodichloromethane	2000	1800	89	2000	1800	90	1	70-130	30
trans-1,3-Dichloropropene	2000	2000	97	2000	2000	98	1	70-130	30
cis-1,3-Dichloropropene	2000	1900	93	2000	1900	94	1	70-130	30
1,1-Dichloropropene	2000	2000	100	2000	2000	100	0	70-130	30
Bromoform	2000	1700	87	2000	1800	90	3	70-130	30
1,1,2,2-Tetrachloroethane	2000	2000	100	2000	2100	103	3	70-130	30
Benzene	2000	1900	95	2000	1900	96	1	70-130	30
Toluene	2000	1900	96	2000	1900	97	1	70-130	30
Ethylbenzene	2000	2000	100	2000	2000	101	1	70-130	30
Chloromethane	2000	1900	94	2000	1700	84	11	52-130	30
Bromomethane	2000	1700	83	2000	1500	76	9	57-147	30
Vinyl chloride	2000	1900	93	2000	1700	87	7	67-130	30
Chloroethane	2000	1900	97	2000	1800	91	6	50-151	30
1,1-Dichloroethene	2000	1900	93	2000	1800	90	3	65-135	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2183848-3 **Analysis Date** : 03/09/26 09:29	**File ID**	: V26260309A01
LCSD Sample ID	: WG2183848-4 **Analysis Date** : 03/09/26 10:08	**File ID**	: V26260309A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	2000	1900	93	2000	1800	91	2	70-130	30
Trichloroethene	2000	1800	92	2000	1900	94	2	70-130	30
1,2-Dichlorobenzene	2000	1900	94	2000	1900	95	1	70-130	30
1,3-Dichlorobenzene	2000	1900	96	2000	1900	97	1	70-130	30
1,4-Dichlorobenzene	2000	1900	95	2000	1900	96	1	70-130	30
Methyl tert butyl ether	2000	1800	92	2000	1800	90	2	66-130	30
p/m-Xylene	4000	3900	97	4000	3900	98	1	70-130	30
o-Xylene	4000	3900	96	4000	3900	98	2	70-130	30
cis-1,2-Dichloroethene	2000	1800	88	2000	1800	89	1	70-130	30
Dibromomethane	2000	1700	86	2000	1800	88	2	70-130	30
Styrene	4000	3800	96	4000	3900	98	2	70-130	30
Dichlorodifluoromethane	2000	1200	58	2000	1100	54	7	30-146	30
Acetone	2000	1900	96	2000	1900	95	1	54-140	30
Carbon disulfide	2000	1900	93	2000	1800	90	3	59-130	30
2-Butanone	2000	1900	93	2000	1800	92	1	70-130	30
Vinyl acetate	2000	2100	103	2000	2000	99	4	70-130	30
4-Methyl-2-pentanone	2000	2100	103	2000	2100	103	0	70-130	30
1,2,3-Trichloropropane	2000	2000	99	2000	2000	102	3	68-130	30
2-Hexanone	2000	2100	106	2000	2100	107	1	70-130	30
Bromochloromethane	2000	1700	86	2000	1700	87	1	70-130	30
2,2-Dichloropropane	2000	1900	93	2000	1800	92	1	70-130	30
1,2-Dibromoethane	2000	1900	94	2000	1900	95	1	70-130	30
1,3-Dichloropropane	2000	1900	97	2000	2000	99	2	69-130	30
1,1,1,2-Tetrachloroethane	2000	1800	92	2000	1900	93	1	70-130	30
Bromobenzene	2000	1900	93	2000	1900	95	2	70-130	30
n-Butylbenzene	2000	2200	108	2000	2200	108	0	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2183848-3 **Analysis Date** : 03/09/26 09:29	**File ID**	: V26260309A01
LCSD Sample ID	: WG2183848-4 **Analysis Date** : 03/09/26 10:08	**File ID**	: V26260309A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
sec-Butylbenzene	2000	2100	106	2000	2200	108	2	70-130	30
tert-Butylbenzene	2000	2000	101	2000	2100	103	2	70-130	30
o-Chlorotoluene	2000	2000	102	2000	2100	104	2	70-130	30
p-Chlorotoluene	2000	2000	100	2000	2000	102	2	70-130	30
1,2-Dibromo-3-chloropropane	2000	1700	85	2000	1800	88	3	68-130	30
Hexachlorobutadiene	2000	2000	100	2000	2000	102	2	67-130	30
Isopropylbenzene	2000	2100	103	2000	2100	106	3	70-130	30
p-Isopropyltoluene	2000	2100	103	2000	2100	104	1	70-130	30
Naphthalene	2000	1900	95	2000	1900	97	2	70-130	30
Acrylonitrile	2000	2100	106	2000	2100	105	1	70-130	30
n-Propylbenzene	2000	2100	106	2000	2200	109	3	70-130	30
1,2,3-Trichlorobenzene	2000	1900	97	2000	2000	98	1	70-130	30
1,2,4-Trichlorobenzene	2000	2000	99	2000	2000	100	1	70-130	30
1,3,5-Trimethylbenzene	2000	2100	102	2000	2100	104	2	70-130	30
1,2,4-Trimethylbenzene	2000	2000	101	2000	2100	103	2	70-130	30
1,4-Dioxane	100000	86000	86	100000	94000	94	9	65-136	30
p-Diethylbenzene	2000	2100	104	2000	2100	104	0	70-130	30
p-Ethyltoluene	2000	2100	104	2000	2100	106	2	70-130	30
1,2,4,5-Tetramethylbenzene	2000	2100	104	2000	2100	104	0	70-130	30
Ethyl ether	2000	1900	96	2000	1900	93	3	67-130	30
trans-1,4-Dichloro-2-butene	2000	2100	106	2000	2200	108	2	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2183467-10 **Analysis Date** : 03/11/26 12:59	**File ID**	: V11260311B01
LCSD Sample ID	: WG2183467-11 **Analysis Date** : 03/11/26 13:25	**File ID**	: V11260311B02

	Laboratory Control Sample			Laboratory Control Duplicate					
	True	Found	%R	True	Found	%R	RPD	Recovery	RPD
Parameter	(ug/kg)	(ug/kg)		(ug/kg)	(ug/kg)			Limits	Limit

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Client Sample ID	: PDI-3_58-60_20260306	**Matrix (Level)**	: SOIL (HIGH)
Lab Sample ID	: L2612196-07	**Analysis Date**	: 03/10/26 17:56
Matrix Spike	: WG2183467-6	**MS Analysis Date**	: 03/11/26 16:03
Matrix Spike Dup	: WG2183467-7	**MSD Analysis Date**	: 03/11/26 16:29

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	ND	6000	5900	98	6000	6000	99	2	70-130	30
1,1-Dichloroethane	ND	6000	6800	113	6000	6900	114	1	70-130	30
Chloroform	ND	6000	6200	104	6000	6300	105	2	70-130	30
Carbon tetrachloride	ND	6000	6300	104	6000	6400	106	2	70-130	30
1,2-Dichloropropane	ND	6000	6700	112	6000	6800	113	0	70-130	30
Dibromochloromethane	ND	6000	6100	101	6000	6100	102	1	70-130	30
1,1,2-Trichloroethane	ND	6000	7200	120	6000	7200	120	0	70-130	30
Tetrachloroethene	ND	6000	5900	99	6000	5900	99	0	70-130	30
Chlorobenzene	ND	6000	6200	103	6000	6200	104	1	70-130	30
Trichlorofluoromethane	ND	6000	7000	116	6000	6600	110	5	70-139	30
1,2-Dichloroethane	ND	6000	7000	116	6000	7000	117	1	70-130	30
1,1,1-Trichloroethane	ND	6000	6600	110	6000	6600	111	1	70-130	30
Bromodichloromethane	ND	6000	6400	107	6000	6500	108	2	70-130	30
trans-1,3-Dichloropropene	ND	6000	6600	110	6000	6700	112	1	70-130	30
cis-1,3-Dichloropropene	ND	6000	6600	110	6000	6700	111	1	70-130	30
1,1-Dichloropropene	ND	6000	7100	119	6000	7100	118	1	70-130	30
Bromoform	ND	6000	5100	85	6000	5800	97	14	70-130	30
1,1,2,2-Tetrachloroethane	ND	6000	5800	97	6000	6600	110	13	70-130	30
Benzene	ND	6000	6500	108	6000	6400	107	1	70-130	30
Toluene	ND	6000	6300	105	6000	6400	106	1	70-130	30
Ethylbenzene	1000	6000	7900	114	6000	7900	114	0	70-130	30
Chloromethane	ND	6000	9100	152 Q	6000	9100	152 Q	0	52-130	30

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Client Sample ID	: PDI-3_58-60_20260306	**Matrix (Level)**	: SOIL (HIGH)
Lab Sample ID	: L2612196-07	**Analysis Date**	: 03/10/26 17:56
Matrix Spike	: WG2183467-6	**MS Analysis Date**	: 03/11/26 16:03
Matrix Spike Dup	: WG2183467-7	**MSD Analysis Date**	: 03/11/26 16:29

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	**Sample Conc. (ug/kg)**	**Spike Added (ug/kg)**	**Spike Conc. (ug/kg)**	**%R**	**Spike Added (ug/kg)**	**Spike Conc. (ug/kg)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Bromomethane	ND	6000	4700	79	6000	4600	77	3	57-147	30
Vinyl chloride	ND	6000	7700	128	6000	7700	128	0	67-130	30
Chloroethane	ND	6000	4100	68	6000	3900	66	4	50-151	30
1,1-Dichloroethene	ND	6000	6400	106	6000	6400	107	0	65-135	30
trans-1,2-Dichloroethene	ND	6000	6200	104	6000	6300	105	1	70-130	30
Trichloroethene	ND	6000	6300	105	6000	6300	106	0	70-130	30
1,2-Dichlorobenzene	ND	6000	6000	101	6000	6200	103	2	70-130	30
1,3-Dichlorobenzene	ND	6000	6100	101	6000	6200	103	2	70-130	30
1,4-Dichlorobenzene	ND	6000	5900	98	6000	5800	97	1	70-130	30
Methyl tert butyl ether	ND	6000	6300	104	6000	6300	105	1	66-130	30
p/m-Xylene	3000	12000	17000	115	12000	17000	115	0	70-130	30
o-Xylene	37J	12000	13000	106	12000	13000	108	2	70-130	30
cis-1,2-Dichloroethene	ND	6000	6200	103	6000	6200	103	0	70-130	30
Dibromomethane	ND	6000	6100	102	6000	6200	104	2	70-130	30
Styrene	ND	12000	13000	110	12000	14000	112	2	70-130	30
Dichlorodifluoromethane	ND	6000	6700	112	6000	6500	108	4	30-146	30
Acetone	ND	6000	5800	96	6000	6200	103	7	54-140	30
Carbon disulfide	ND	6000	6200	103	6000	6200	103	1	59-130	30
2-Butanone	ND	6000	8200	136 Q	6000	8100	136 Q	0	70-130	30
Vinyl acetate	ND	6000	7100	118	6000	7100	118	0	70-130	30
4-Methyl-2-pentanone	ND	6000	7100	118	6000	7000	117	0	70-130	30
1,2,3-Trichloropropane	ND	6000	6200	104	6000	7000	117	12	68-130	30

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Client Sample ID	: PDI-3_58-60_20260306	**Matrix (Level)**	: SOIL (HIGH)
Lab Sample ID	: L2612196-07	**Analysis Date**	: 03/10/26 17:56
Matrix Spike	: WG2183467-6	**MS Analysis Date**	: 03/11/26 16:03
Matrix Spike Dup	: WG2183467-7	**MSD Analysis Date**	: 03/11/26 16:29

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
2-Hexanone	ND	6000	8100	135 Q	6000	8200	136 Q	1	70-130	30
Bromochloromethane	ND	6000	5900	98	6000	5900	98	0	70-130	30
2,2-Dichloropropane	ND	6000	6600	110	6000	6700	111	2	70-130	30
1,2-Dibromoethane	ND	6000	6500	108	6000	6600	110	2	70-130	30
1,3-Dichloropropane	ND	6000	6600	110	6000	6600	110	0	69-130	30
1,1,1,2-Tetrachloroethane	ND	6000	5800	97	6000	6000	100	3	70-130	30
Bromobenzene	ND	6000	5200	86	6000	5900	98	13	70-130	30
n-Butylbenzene	190	6000	7300	118	6000	7500	122	4	70-130	30
sec-Butylbenzene	77	6000	6900	114	6000	7100	117	3	70-130	30
tert-Butylbenzene	ND	6000	5900	98	6000	6700	112	14	70-130	30
o-Chlorotoluene	ND	6000	6100	101	6000	6900	115	13	70-130	30
p-Chlorotoluene	ND	6000	6200	104	6000	7000	116	12	70-130	30
1,2-Dibromo-3-chloropropane	ND	6000	5200	86	6000	6000	99	14	68-130	30
Hexachlorobutadiene	ND	6000	4900	81	6000	5600	93	14	67-130	30
Isopropylbenzene	140	6000	6200	101	6000	7000	115	12	70-130	30
p-Isopropyltoluene	57J	6000	6900	114	6000	7000	116	1	70-130	30
Naphthalene	400	6000	5600	86	6000	6400	100	14	70-130	30
Acrylonitrile	ND	6000	6800	114	6000	7000	117	3	70-130	30
n-Propylbenzene	510	6000	6900	107	6000	7800	122	12	70-130	30
1,2,3-Trichlorobenzene	ND	6000	4700	78	6000	5400	90	14	70-130	30
1,2,4-Trichlorobenzene	ND	6000	4900	82	6000	5500	92	11	70-130	30
1,3,5-Trimethylbenzene	870	6000	6900	100	6000	7800	115	12	70-130	30

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Client Sample ID	: PDI-3_58-60_20260306	**Matrix (Level)**	: SOIL (HIGH)
Lab Sample ID	: L2612196-07	**Analysis Date**	: 03/10/26 17:56
Matrix Spike	: WG2183467-6	**MS Analysis Date**	: 03/11/26 16:03
Matrix Spike Dup	: WG2183467-7	**MSD Analysis Date**	: 03/11/26 16:29

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
1,2,4-Trimethylbenzene	3000	6000	10000	117	6000	10000	122	3	70-130	30
1,4-Dioxane	ND	300000	290000	96	300000	290000	98	2	65-136	30
p-Diethylbenzene	1100	6000	8100	117	6000	8200	118	1	70-130	30
p-Ethyltoluene	1800	6000	7900	102	6000	8900	118	11	70-130	30
1,2,4,5-Tetramethylbenzene	310	6000	6000	95	6000	6800	108	12	70-130	30
Ethyl ether	ND	6000	6400	107	6000	6400	106	1	67-130	30
trans-1,4-Dichloro-2-butene	ND	6000	6500	108	6000	7300	121	12	70-130	30

Method Blank Summary
Form 4
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab Sample ID	: WG2183848-5	**Lab File ID**	: V26260309A05
Instrument ID	: VOA126		
Matrix	: SOIL	**Analysis Date**	: 03/09/26 12:04

Client Sample No.	Lab Sample ID	Analysis Date
WG2183848-3LCS	WG2183848-3	03/09/26 09:29
WG2183848-4LCSD	WG2183848-4	03/09/26 10:08
PDI-3_48-50_20260306	L2612196-05D	03/09/26 15:57

Method Blank Summary
Form 4
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab Sample ID	: WG2183398-5	**Lab File ID**	: V26260309A05
Instrument ID	: VOA126		
Matrix	: SOIL	**Analysis Date**	: 03/09/26 12:04

Client Sample No.	Lab Sample ID	Analysis Date
WG2183398-3LCS	WG2183398-3	03/09/26 09:29
WG2183398-4LCSD	WG2183398-4	03/09/26 10:08
PDI-4_53-55_20260306	L2612196-02	03/09/26 14:01
PDI-4_58-60_20260306	L2612196-03	03/09/26 14:39
PDI-3_63-65_20260306	L2612196-08	03/09/26 17:54

Method Blank Summary
Form 4
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab Sample ID	: WG2183467-5	**Lab File ID**	: V11260310A05
Instrument ID	: VOA111		
Matrix	: SOIL	**Analysis Date**	: 03/10/26 09:18

Client Sample No.	Lab Sample ID	Analysis Date
WG2183467-3LCS	WG2183467-3	03/10/26 08:00
WG2183467-4LCSD	WG2183467-4	03/10/26 08:27
PDI-3_53-55_20260306	L2612196-06	03/10/26 17:29
PDI-3_58-60_20260306	L2612196-07	03/10/26 17:56
PDI-3_48-50_20260306	L2612196-05D2	03/10/26 18:22

Method Blank Summary
Form 4
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab Sample ID	: WG2183816-5	**Lab File ID**	: V11260310A05
Instrument ID	: VOA111		
Matrix	: SOIL	**Analysis Date**	: 03/10/26 09:18

Client Sample No.	Lab Sample ID	Analysis Date
WG2183816-3LCS	WG2183816-3	03/10/26 08:00
WG2183816-4LCSD	WG2183816-4	03/10/26 08:27
TB-01_20260306	L2612196-09	03/10/26 09:45
PDI-4_63-65_20260306	L2612196-04	03/10/26 12:44

Method Blank Summary
Form 4
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab Sample ID	: WG2183801-5	**Lab File ID**	: V10260310A05
Instrument ID	: VOA110		
Matrix	: SOIL	**Analysis Date**	: 03/10/26 15:04

Client Sample No.	Lab Sample ID	Analysis Date
WG2183801-3LCS	WG2183801-3	03/10/26 13:16
WG2183801-4LCSD	WG2183801-4	03/10/26 13:43
PDI-4_48-50_20260306	L2612196-01	03/10/26 23:36

Method Blank Summary
Form 4
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab Sample ID	: WG2183467-12	**Lab File ID**	: V11260311B05
Instrument ID	: VOA111		
Matrix	:	**Analysis Date**	: 03/11/26 14:44

Client Sample No.	Lab Sample ID	Analysis Date
WG2183467-10LCS	WG2183467-10	03/11/26 12:59
WG2183467-11LCSD	WG2183467-11	03/11/26 13:25
PDI-3_58-60_20260306MS	WG2183467-6	03/11/26 16:03
PDI-3_58-60_20260306MSD	WG2183467-7	03/11/26 16:29

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Instrument ID	: VOA126	**Analysis Date**	: 01/15/26 16:42
Tune Standard	: WG2165877-1	**Tune File ID**	: V26260115BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	19
75	30.0 - 80.0% of mass 95	47.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.8 (.9)1
174	Greater than 50.0% of mass 95	81.6
175	5.0 - 9.0% of mass 174	6 (7.3)1
176	Greater than 95.0% but less than 101% of mass	81 (99.2)1
177	5.0 - 9.0% of mass 176	5.3 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.5PPB	R2059057-1	V26260115A02	01/15/26 17:51
STD1.0PPB	R2059057-2	V26260115A04	01/15/26 19:08
STD2.0PPB	R2059057-3	V26260115A06	01/15/26 20:26
STD4.0PPB	R2059057-4	V26260115A08	01/15/26 21:43
STD20PPB	R2059057-5	V26260115A09	01/15/26 22:22
STD40PPB	R2059057-6	V26260115A10	01/15/26 23:01
STD100PPB	R2059057-7	V26260115A11	01/15/26 23:40
STD200PPB	R2059057-8	V26260115A12	01/16/26 00:19
STD300PPB	R2059057-9	V26260115A13	01/16/26 00:58
ICV Quant Report	R2059057-10	V26260115A18	01/16/26 04:11

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Instrument ID	: VOA126	**Analysis Date**	: 03/09/26 09:02
Tune Standard	: WG2183398-1	**Tune File ID**	: V26260309BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	22.6
75	30.0 - 80.0% of mass 95	50.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.6 (.9)1
174	Greater than 50.0% of mass 95	75.9
175	5.0 - 9.0% of mass 174	5.5 (7.2)1
176	Greater than 95.0% but less than 101% of mass	72.7 (95.7)1
177	5.0 - 9.0% of mass 176	5 (6.8)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2183398-2CCAL	WG2183398-2	V26260309A01	03/09/26 09:29
WG2183398-3LCS	WG2183398-3	V26260309A01	03/09/26 09:29
WG2183398-4LCSD	WG2183398-4	V26260309A02	03/09/26 10:08
WG2183398-5BLANK	WG2183398-5	V26260309A05	03/09/26 12:04
PDI-4_53-55_20260306	L2612196-02	V26260309A08	03/09/26 14:01
PDI-4_58-60_20260306	L2612196-03	V26260309A09	03/09/26 14:39
PDI-3_63-65_20260306	L2612196-08	V26260309A14	03/09/26 17:54

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Instrument ID	: VOA126	**Analysis Date**	: 03/09/26 09:02
Tune Standard	: WG2183848-1	**Tune File ID**	: V26260309BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	22.6
75	30.0 - 80.0% of mass 95	50.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.6 (.9)1
174	Greater than 50.0% of mass 95	75.9
175	5.0 - 9.0% of mass 174	5.5 (7.2)1
176	Greater than 95.0% but less than 101% of mass	72.7 (95.7)1
177	5.0 - 9.0% of mass 176	5 (6.8)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2183848-2CCAL	WG2183848-2	V26260309A01	03/09/26 09:29
WG2183848-3LCS	WG2183848-3	V26260309A01	03/09/26 09:29
WG2183848-4LCSD	WG2183848-4	V26260309A02	03/09/26 10:08
WG2183848-5BLANK	WG2183848-5	V26260309A05	03/09/26 12:04
PDI-3_48-50_20260306	L2612196-05D	V26260309A11	03/09/26 15:57

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Instrument ID	: VOA111	**Analysis Date**	: 01/21/26 16:03
Tune Standard	: WG2168016-1	**Tune File ID**	: V11260121BFB6_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	20.5
75	30.0 - 80.0% of mass 95	50.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.7 (.9)1
174	Greater than 50.0% of mass 95	80.1
175	5.0 - 9.0% of mass 174	5.8 (7.2)1
176	Greater than 95.0% but less than 101% of mass	76.4 (95.4)1
177	5.0 - 9.0% of mass 176	5.4 (7)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.5PPB	R2061091-1	V11260121A03	01/21/26 17:21
STD1.0PPB	R2061091-2	V11260121A05	01/21/26 18:14
STD2.0PPB	R2061091-3	V11260121A07	01/21/26 19:07
STD4.0PPB	R2061091-4	V11260121A09	01/21/26 20:00
STD20PPB	R2061091-5	V11260121A10	01/21/26 20:26
STD40PPB	R2061091-6	V11260121A11	01/21/26 20:52
STD100PPB	R2061091-7	V11260121A12	01/21/26 21:18
STD200PPB	R2061091-8	V11260121A13	01/21/26 21:44
STD300PPB	R2061091-9	V11260121A14	01/21/26 22:10
ICV Quant Report	R2061091-10	V11260121A20	01/22/26 00:46

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Instrument ID	: VOA111	**Analysis Date**	: 03/10/26 07:12
Tune Standard	: WG2183467-1	**Tune File ID**	: V11260310BFB3_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	24.1
75	30.0 - 80.0% of mass 95	57.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.6
173	Less than 2.0% of mass 174	0.7 (1)1
174	Greater than 50.0% of mass 95	74.9
175	5.0 - 9.0% of mass 174	5.4 (7.2)1
176	Greater than 95.0% but less than 101% of mass	72.1 (96.2)1
177	5.0 - 9.0% of mass 176	5.2 (7.3)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2183467-2CCAL	WG2183467-2	V11260310A02	03/10/26 08:00
WG2183467-3LCS	WG2183467-3	V11260310A02	03/10/26 08:00
WG2183467-4LCSD	WG2183467-4	V11260310A03	03/10/26 08:27
WG2183467-5BLANK	WG2183467-5	V11260310A05	03/10/26 09:18
PDI-3_53-55_20260306	L2612196-06	V11260310A24	03/10/26 17:29
PDI-3_58-60_20260306	L2612196-07	V11260310A25	03/10/26 17:56
PDI-3_48-50_20260306	L2612196-05D2	V11260310A26	03/10/26 18:22

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Instrument ID	: VOA111	**Analysis Date**	: 03/10/26 07:12
Tune Standard	: WG2183816-1	**Tune File ID**	: V11260310BFB3_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	24.1
75	30.0 - 80.0% of mass 95	57.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.6
173	Less than 2.0% of mass 174	0.7 (1)1
174	Greater than 50.0% of mass 95	74.9
175	5.0 - 9.0% of mass 174	5.4 (7.2)1
176	Greater than 95.0% but less than 101% of mass	72.1 (96.2)1
177	5.0 - 9.0% of mass 176	5.2 (7.3)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2183816-2CCAL	WG2183816-2	V11260310A02	03/10/26 08:00
WG2183816-3LCS	WG2183816-3	V11260310A02	03/10/26 08:00
WG2183816-4LCSD	WG2183816-4	V11260310A03	03/10/26 08:27
WG2183816-5BLANK	WG2183816-5	V11260310A05	03/10/26 09:18
TB-01_20260306	L2612196-09	V11260310A06	03/10/26 09:45
PDI-4_63-65_20260306	L2612196-04	V11260310A13	03/10/26 12:44

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Instrument ID	: VOA111	**Analysis Date**	: 03/11/26 12:37
Tune Standard	: WG2183467-8	**Tune File ID**	: V11260311BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	20.2
75	30.0 - 80.0% of mass 95	52
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.6 (.8)1
174	Greater than 50.0% of mass 95	69.2
175	5.0 - 9.0% of mass 174	5 (7.2)1
176	Greater than 95.0% but less than 101% of mass	67.9 (98.1)1
177	5.0 - 9.0% of mass 176	4.3 (6.4)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2183467-10LCS	WG2183467-10	V11260311B01	03/11/26 12:59
WG2183467-9CCAL	WG2183467-9	V11260311B01	03/11/26 12:59
WG2183467-11LCSD	WG2183467-11	V11260311B02	03/11/26 13:25
WG2183467-12BLANK	WG2183467-12	V11260311B05	03/11/26 14:44
WG2183467-6MS	WG2183467-6	V11260311B08	03/11/26 16:03
WG2183467-7MSD	WG2183467-7	V11260311B09	03/11/26 16:29

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Instrument ID	: VOA110	**Analysis Date**	: 03/05/26 15:38
Tune Standard	: WG2182226-1	**Tune File ID**	: V10260305BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	22.2
75	30.0 - 80.0% of mass 95	48.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0% of mass 95	81.2
175	5.0 - 9.0% of mass 174	6.4 (7.9)1
176	Greater than 95.0% but less than 101% of mass	77.6 (95.5)1
177	5.0 - 9.0% of mass 176	5.1 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.5PPB	R2074340-1	V10260305A03	03/05/26 16:55
STD1.0PPB	R2074340-2	V10260305A05	03/05/26 17:50
STD2.0PPB	R2074340-3	V10260305A07	03/05/26 18:44
STD4.0PPB	R2074340-4	V10260305A09	03/05/26 19:39
STD20PPB	R2074340-5	V10260305A10	03/05/26 20:07
STD40PPB	R2074340-6	V10260305A11	03/05/26 20:34
STD100PPB	R2074340-7	V10260305A12	03/05/26 21:00
STD200PPB	R2074340-8	V10260305A13	03/05/26 21:27
STD300PPB	R2074340-9	V10260305A14	03/05/26 21:53
ICV Quant Report	R2074340-10	V10260305A20	03/06/26 00:33

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Instrument ID	: VOA110	**Analysis Date**	: 03/10/26 12:53
Tune Standard	: WG2183801-1	**Tune File ID**	: V10260310BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.8
75	30.0 - 80.0% of mass 95	48
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0% of mass 95	80.2
175	5.0 - 9.0% of mass 174	5.7 (7.1)1
176	Greater than 95.0% but less than 101% of mass	77.6 (96.7)1
177	5.0 - 9.0% of mass 176	5.1 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2183801-2CCAL	WG2183801-2	V10260310A01	03/10/26 13:16
WG2183801-3LCS	WG2183801-3	V10260310A01	03/10/26 13:16
WG2183801-4LCSD	WG2183801-4	V10260310A02	03/10/26 13:43
WG2183801-5BLANK	WG2183801-5	V10260310A05	03/10/26 15:04
PDI-4_48-50_20260306	L2612196-01	V10260310A19	03/10/26 23:36

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Instrument ID	: VOA126	**Analysis Date**	: 03/09/26 09:29:00
Sample No	: WG2183398-2	**Lab File ID**	: V26260309A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2183398-2	1096647	11.26	791330	17.94	374599	23.59
Upper Limit	2193294	11.76	1582660	18.44	749198	24.09
Lower Limit	548324	10.76	395665	17.44	187300	23.09
Sample ID						
WG2183398-3 LCS	1096647	11.26	791330	17.94	374599	23.59
WG2183398-4 LCSD	1128447	11.27	823384	17.94	383784	23.59
WG2183398-5 BLANK	1069122	11.27	804966	17.94	381017	23.59
PDI-4_53-55_20260306	1149116	11.27	836827	17.94	397286	23.59
PDI-4_58-60_20260306	1128902	11.27	827305	17.94	385978	23.59
PDI-3_63-65_20260306	1189343	11.27	869616	17.94	414949	23.59

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Instrument ID	: VOA126	**Analysis Date**	: 03/09/26 09:29:00
Sample No	: WG2183848-2	**Lab File ID**	: V26260309A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2183848-2	1096647	11.26	791330	17.94	374599	23.59
Upper Limit	2193294	11.76	1582660	18.44	749198	24.09
Lower Limit	548324	10.76	395665	17.44	187300	23.09
Sample ID						
WG2183848-3 LCS	1096647	11.26	791330	17.94	374599	23.59
WG2183848-4 LCSD	1128447	11.27	823384	17.94	383784	23.59
WG2183848-5 BLANK	1069122	11.27	804966	17.94	381017	23.59
PDI-3_48-50_20260306	1179997	11.27	844960	17.94	400439	23.59

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Instrument ID	: VOA111	**Analysis Date**	: 03/10/26 08:00:00
Sample No	: WG2183467-2	**Lab File ID**	: V11260310A02

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2183467-2	173144	6.20	127198	9.77	64537	12.43
Upper Limit	346288	6.70	254396	10.27	129074	12.93
Lower Limit	86572	5.70	63599	9.27	32269	11.93
Sample ID						
WG2183467-3 LCS	173144	6.20	127198	9.77	64537	12.43
WG2183467-4 LCSD	173456	6.20	176663	9.77	85019	12.43
WG2183467-5 BLANK	229969	6.20	155617	9.78	73312	12.44
PDI-3_53-55_20260306	179466	6.20	131969	9.77	73746	12.43
PDI-3_58-60_20260306	198063	6.20	148206	9.77	73152	12.43
PDI-3_48-50_20260306	212635	6.20	166524	9.77	85653	12.43
WG2183467-8 BFB	-	-	-	-	-	-

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Instrument ID	: VOA111	**Analysis Date**	: 03/10/26 08:00:00
Sample No	: WG2183816-2	**Lab File ID**	: V11260310A02

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2183816-2	173144	6.20	127198	9.77	64537	12.43
Upper Limit	346288	6.70	254396	10.27	129074	12.93
Lower Limit	86572	5.70	63599	9.27	32269	11.93
Sample ID						
WG2183816-3 LCS	173144	6.20	127198	9.77	64537	12.43
WG2183816-4 LCSD	173456	6.20	176663	9.77	85019	12.43
WG2183816-5 BLANK	229969	6.20	155617	9.78	73312	12.44
TB-01_20260306	149750	6.21	103296	9.78	50177	12.43
PDI-4_63-65_20260306	180310	6.20	183826	9.77	63107	12.43

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Instrument ID	: VOA110	**Analysis Date**	: 03/10/26 13:16:00
Sample No	: WG2183801-2	**Lab File ID**	: V10260310A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2183801-2	176818	6.20	133069	9.75	74532	12.41
Upper Limit	353636	6.70	266138	10.25	149064	12.91
Lower Limit	88409	5.70	66535	9.25	37266	11.91
Sample ID						
WG2183801-3 LCS	176818	6.20	133069	9.75	74532	12.41
WG2183801-4 LCSD	179573	6.20	135310	9.75	74865	12.41
WG2183801-5 BLANK	153980	6.19	119354	9.75	64650	12.41
PDI-4_48-50_20260306	165535	6.20	121770	9.75	66278	12.41

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Instrument ID	: VOA111	**Analysis Date**	: 03/11/26 12:59:00
Sample No	: WG2183467-9	**Lab File ID**	: V11260311B01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2183467-9	316441	6.20	225831	9.77	107740	12.43
Upper Limit	632882	6.70	451662	10.27	215480	12.93
Lower Limit	158221	5.70	112916	9.27	53870	11.93
Sample ID						
WG2183467-10 LCS	316441	6.20	225831	9.77	107740	12.43
WG2183467-11 LCSD	307683	6.20	219874	9.77	107294	12.43
WG2183467-12 BLANK	290603	6.20	200213	9.78	97058	12.43
PDI-3_58-60_20260306 MS	251150	6.20	186376	9.77	106575	12.43
PDI-3_58-60_20260306 MSD	254618	6.20	187934	9.77	96190	12.43

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Date Created: 04/17/25
Created By: Jason Hebert
File: PM19302-1
Page: 1

Volatile Organics - EPA 8260D (WATER)

Holding Time: 14 days
Container/Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Methylene chloride	75-09-2	3	0.678	ug/l	70-130	20	70-130	20	20			
1,1-Dichloroethane	75-34-3	0.75	0.21	ug/l	70-130	20	70-130	20	20			
Chloroform	67-66-3	0.75	0.222	ug/l	70-130	20	70-130	20	20			
Carbon tetrachloride	56-23-5	0.5	0.134	ug/l	63-132	20	63-132	20	20			
1,2-Dichloropropane	78-87-5	1.75	0.137	ug/l	70-130	20	70-130	20	20			
Dibromochloromethane	124-48-1	0.5	0.149	ug/l	63-130	20	63-130	20	20			
1,1,2-Trichloroethane	79-00-5	0.75	0.144	ug/l	70-130	20	70-130	20	20			
Tetrachloroethene	127-18-4	0.5	0.181	ug/l	70-130	20	70-130	20	20			
Chlorobenzene	108-90-7	0.5	0.178	ug/l	75-130	25	75-130	25	25			
Trichlorofluoromethane	75-69-4	2.5	0.161	ug/l	62-150	20	62-150	20	20			
1,2-Dichloroethane	107-06-2	0.5	0.132	ug/l	70-130	20	70-130	20	20			
1,1,1-Trichloroethane	71-55-6	0.5	0.158	ug/l	67-130	20	67-130	20	20			
Bromodichloromethane	75-27-4	0.5	0.192	ug/l	67-130	20	67-130	20	20			
trans-1,3-Dichloropropene	10061-02-6	0.5	0.164	ug/l	70-130	20	70-130	20	20			
cis-1,3-Dichloropropene	10061-01-5	0.5	0.144	ug/l	70-130	20	70-130	20	20			
1,3-Dichloropropene, Total	542-75-6	0.5	0.144	ug/l				20	20			
1,1-Dichloropropene	563-58-6	2.5	0.24	ug/l	70-130	20	70-130	20	20			
Bromoform	75-25-2	2	0.248	ug/l	54-136	20	54-136	20	20			
1,1,2,2-Tetrachloroethane	79-34-5	0.5	0.167	ug/l	67-130	20	67-130	20	20			
Benzene	71-43-2	0.5	0.159	ug/l	70-130	25	70-130	25	25			
Toluene	108-88-3	0.75	0.203	ug/l	70-130	25	70-130	25	25			
Ethylbenzene	100-41-4	0.5	0.167	ug/l	70-130	20	70-130	20	20			
Chloromethane	74-87-3	2.5	0.2	ug/l	64-130	20	64-130	20	20			
Bromomethane	74-83-9	1	0.256	ug/l	39-139	20	39-139	20	20			
Vinyl chloride	75-01-4	1	0.0714	ug/l	55-140	20	55-140	20	20			
Chloroethane	75-00-3	1	0.134	ug/l	55-138	20	55-138	20	20			
1,1-Dichloroethene	75-35-4	0.5	0.169	ug/l	61-145	25	61-145	25	25			
trans-1,2-Dichloroethene	156-60-5	0.75	0.163	ug/l	70-130	20	70-130	20	20			
1,2-Dichloroethene (total)	540-59-0	0.5	0.163	ug/l				20	20			
Trichloroethene	79-01-6	0.5	0.175	ug/l	70-130	25	70-130	25	25			
1,2-Dichlorobenzene	95-50-1	2.5	0.184	ug/l	70-130	20	70-130	20	20			
1,3-Dichlorobenzene	541-73-1	2.5	0.186	ug/l	70-130	20	70-130	20	20			
1,4-Dichlorobenzene	106-46-7	2.5	0.187	ug/l	70-130	20	70-130	20	20			
Methyl tert butyl ether	1634-04-4	1	0.166	ug/l	63-130	20	63-130	20	20			
p/m-Xylene	179601-23-1	1	0.332	ug/l	70-130	20	70-130	20	20			
o-Xylene	95-47-6	1	0.392	ug/l	70-130	20	70-130	20	20			
Xylene (Total)	1330-20-7	1	0.33	ug/l				20	20			
cis-1,2-Dichloroethene	156-59-2	0.5	0.187	ug/l	70-130	20	70-130	20	20			
Dibromomethane	74-95-3	5	0.363	ug/l	70-130	20	70-130	20	20			
1,4-Dichlorobutane	110-56-5	5	0.464	ug/l	70-130	20	70-130	20	20			
1,2,3-Trichloropropane	96-18-4	5	0.176	ug/l	64-130	20	64-130	20	20			
Styrene	100-42-5	1	0.359	ug/l	70-130	20	70-130	20	20			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatile Organics - EPA 8260D (WATER)

Holding Time: 14 days
Container/Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dichlorodifluoromethane	75-71-8	5	0.244	ug/l	36-147	20	36-147	20	20			
Acetone	67-64-1	5	1.46	ug/l	58-148	20	58-148	20	20			
Carbon disulfide	75-15-0	5	0.299	ug/l	51-130	20	51-130	20	20			
2-Butanone	78-93-3	5	1.94	ug/l	63-138	20	63-138	20	20			
Vinyl acetate	108-05-4	5	0.311	ug/l	70-130	20	70-130	20	20			
4-Methyl-2-pentanone	108-10-1	5	0.416	ug/l	59-130	20	59-130	20	20			
2-Hexanone	591-78-6	5	0.515	ug/l	57-130	20	57-130	20	20			
Ethyl methacrylate	97-63-2	5	0.606	ug/l	70-130	20	70-130	20	20			
Acrylonitrile	107-13-1	5	0.43	ug/l	70-130	20	70-130	20	20			
Bromochloromethane	74-97-5	2.5	0.152	ug/l	70-130	20	70-130	20	20			
Tetrahydrofuran	109-99-9	5	0.525	ug/l	58-130	20	58-130	20	20			
2,2-Dichloropropane	594-20-7	2.5	0.204	ug/l	63-133	20	63-133	20	20			
1,2-Dibromoethane	106-93-4	2	0.193	ug/l	70-130	20	70-130	20	20			
1,3-Dichloropropane	142-28-9	2.5	0.212	ug/l	70-130	20	70-130	20	20			
1,1,1,2-Tetrachloroethane	630-20-6	0.5	0.164	ug/l	64-130	20	64-130	20	20			
Bromobenzene	108-86-1	2.5	0.152	ug/l	70-130	20	70-130	20	20			
n-Butylbenzene	104-51-8	0.5	0.192	ug/l	53-136	20	53-136	20	20			
sec-Butylbenzene	135-98-8	0.5	0.181	ug/l	70-130	20	70-130	20	20			
tert-Butylbenzene	98-06-6	2.5	0.196	ug/l	70-130	20	70-130	20	20			
o-Chlorotoluene	95-49-8	2.5	0.215	ug/l	70-130	20	70-130	20	20			
p-Chlorotoluene	106-43-4	2.5	0.185	ug/l	70-130	20	70-130	20	20			
1,2-Dibromo-3-chloropropane	96-12-8	2.5	0.353	ug/l	41-144	20	41-144	20	20			
Hexachlorobutadiene	87-68-3	0.5	0.217	ug/l	63-130	20	63-130	20	20			
Isopropylbenzene	98-82-8	0.5	0.187	ug/l	70-130	20	70-130	20	20			
p-Isopropyltoluene	99-87-6	0.5	0.188	ug/l	70-130	20	70-130	20	20			
Naphthalene	91-20-3	2.5	0.216	ug/l	70-130	20	70-130	20	20			
n-Propylbenzene	103-65-1	0.5	0.173	ug/l	69-130	20	69-130	20	20			
1,2,3-Trichlorobenzene	87-61-6	2.5	0.234	ug/l	70-130	20	70-130	20	20			
1,2,4-Trichlorobenzene	120-82-1	2.5	0.22	ug/l	70-130	20	70-130	20	20			
1,3,5-Trimethylbenzene	108-67-8	2.5	0.217	ug/l	64-130	20	64-130	20	20			
1,2,4-Trimethylbenzene	95-63-6	2.5	0.191	ug/l	70-130	20	70-130	20	20			
trans-1,4-Dichloro-2-butene	110-57-6	2.5	0.213	ug/l	70-130	20	70-130	20	20			
Ethyl ether	60-29-7	2.5	0.163	ug/l	59-134	20	59-134	20	20			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
4-Bromofluorobenzene	*460-00-4*									*70-130*		
Dibromofluoromethane	*1868-53-7*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-01	Date Collected	: 03/06/26 10:45
Client ID	: PDI-4_48-50_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/10/26 23:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10260310A19	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.3	2.4	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U
67-66-3	Chloroform	1.6	1.6	0.15	
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	1.0	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	U
127-18-4	Tetrachloroethene	ND	0.53	0.21	U
108-90-7	Chlorobenzene	ND	0.53	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.2	0.74	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.27	U
71-55-6	1,1,1-Trichloroethane	ND	0.53	0.18	U
75-27-4	Bromodichloromethane	ND	0.53	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.29	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.53	0.17	U
542-75-6	1,3-Dichloropropene, Total	ND	0.53	0.17	U
563-58-6	1,1-Dichloropropene	ND	0.53	0.17	U
75-25-2	Bromoform	ND	4.2	0.26	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.53	0.18	U
71-43-2	Benzene	ND	0.53	0.18	U
108-88-3	Toluene	1.6	1.0	0.58	
100-41-4	Ethylbenzene	7.3	1.0	0.15	
74-87-3	Chloromethane	ND	4.2	0.99	U
74-83-9	Bromomethane	ND	2.1	0.62	U
75-01-4	Vinyl chloride	ND	1.0	0.35	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-01	Date Collected	: 03/06/26 10:45
Client ID	: PDI-4_48-50_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/10/26 23:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10260310A19	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.1	0.48	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.25	U
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.14	U
79-01-6	Trichloroethene	ND	0.53	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.16	U
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.1	0.21	U
179601-23-1	p/m-Xylene	6.2	2.1	0.59	
95-47-6	o-Xylene	0.78	1.0	0.31	J
1330-20-7	Xylenes, Total	7.0	1.0	0.31	J
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
74-95-3	Dibromomethane	ND	2.1	0.25	U
100-42-5	Styrene	ND	1.0	0.21	U
75-71-8	Dichlorodifluoromethane	ND	10	0.97	U
67-64-1	Acetone	ND	10	5.1	U
75-15-0	Carbon disulfide	ND	10	4.8	U
78-93-3	2-Butanone	ND	10	2.4	U
108-05-4	Vinyl acetate	ND	10	2.3	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.4	U
96-18-4	1,2,3-Trichloropropane	ND	2.1	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.1	0.22	U
594-20-7	2,2-Dichloropropane	ND	2.1	0.21	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-01	Date Collected	: 03/06/26 10:45
Client ID	: PDI-4_48-50_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/10/26 23:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10260310A19	Instrument ID	: VOA110
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.0	0.30	U
142-28-9	1,3-Dichloropropane	ND	2.1	0.18	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.53	0.14	U
108-86-1	Bromobenzene	ND	2.1	0.15	U
104-51-8	n-Butylbenzene	7.2	1.0	0.18	
135-98-8	sec-Butylbenzene	4.4	1.0	0.15	
98-06-6	tert-Butylbenzene	0.37	2.1	0.12	J
95-49-8	o-Chlorotoluene	ND	2.1	0.20	U
106-43-4	p-Chlorotoluene	ND	2.1	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.2	1.0	U
87-68-3	Hexachlorobutadiene	ND	4.2	0.18	U
98-82-8	Isopropylbenzene	12	1.0	0.12	
99-87-6	p-Isopropyltoluene	2.4	1.0	0.12	
91-20-3	Naphthalene	40	4.2	0.69	
107-13-1	Acrylonitrile	ND	4.2	1.2	U
103-65-1	n-Propylbenzene	34	1.0	0.18	
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.34	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.29	U
108-67-8	1,3,5-Trimethylbenzene	0.92	2.1	0.20	J
95-63-6	1,2,4-Trimethylbenzene	8.5	2.1	0.35	
123-91-1	1,4-Dioxane	ND	85	37.	U
105-05-5	p-Diethylbenzene	8.4	2.1	0.19	
622-96-8	p-Ethyltoluene	1.1	2.1	0.41	J
95-93-2	1,2,4,5-Tetramethylbenzene	22	2.1	0.20	
60-29-7	Ethyl ether	ND	2.1	0.36	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab ID	: L2612196-01	**Date Collected**	: 03/06/26 10:45
Client ID	: PDI-4_48-50_20260306	**Date Received**	: 03/06/26
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 03/10/26 23:36
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V10260310A19	**Instrument ID**	: VOA110
Sample Amount	: 5.8 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 81
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.3	1.5	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-02	Date Collected	: 03/06/26 10:50
Client ID	: PDI-4_53-55_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/09/26 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V26260309A08	Instrument ID	: VOA126
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 79
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.7	2.6	U
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	U
67-66-3	Chloroform	1.5	1.7	0.16	J
56-23-5	Carbon tetrachloride	ND	1.1	0.26	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U
124-48-1	Dibromochloromethane	ND	1.1	0.16	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.30	U
127-18-4	Tetrachloroethene	ND	0.57	0.22	U
108-90-7	Chlorobenzene	ND	0.57	0.14	U
75-69-4	Trichlorofluoromethane	ND	4.6	0.79	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.29	U
71-55-6	1,1,1-Trichloroethane	ND	0.57	0.19	U
75-27-4	Bromodichloromethane	ND	0.57	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.31	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.57	0.18	U
542-75-6	1,3-Dichloropropene, Total	ND	0.57	0.18	U
563-58-6	1,1-Dichloropropene	ND	0.57	0.18	U
75-25-2	Bromoform	ND	4.6	0.28	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.57	0.19	U
71-43-2	Benzene	ND	0.57	0.19	U
108-88-3	Toluene	2.2	1.1	0.62	
100-41-4	Ethylbenzene	2.2	1.1	0.16	
74-87-3	Chloromethane	ND	4.6	1.1	U
74-83-9	Bromomethane	ND	2.3	0.66	U
75-01-4	Vinyl chloride	ND	1.1	0.38	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-02	Date Collected	: 03/06/26 10:50
Client ID	: PDI-4_53-55_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/09/26 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V26260309A08	Instrument ID	: VOA126
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 79
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.3	0.52	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.27	U
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.16	U
79-01-6	Trichloroethene	ND	0.57	0.16	U
95-50-1	1,2-Dichlorobenzene	ND	2.3	0.16	U
541-73-1	1,3-Dichlorobenzene	ND	2.3	0.17	U
106-46-7	1,4-Dichlorobenzene	ND	2.3	0.20	U
1634-04-4	Methyl tert butyl ether	ND	2.3	0.23	U
179601-23-1	p/m-Xylene	12	2.3	0.64	
95-47-6	o-Xylene	0.79	1.1	0.33	J
1330-20-7	Xylenes, Total	13	1.1	0.33	J
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.20	U
540-59-0	1,2-Dichloroethene, Total	ND	1.1	0.16	U
74-95-3	Dibromomethane	ND	2.3	0.27	U
100-42-5	Styrene	ND	1.1	0.22	U
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U
67-64-1	Acetone	ND	11	5.5	U
75-15-0	Carbon disulfide	ND	11	5.2	U
78-93-3	2-Butanone	ND	11	2.5	U
108-05-4	Vinyl acetate	ND	11	2.4	U
108-10-1	4-Methyl-2-pentanone	ND	11	1.5	U
96-18-4	1,2,3-Trichloropropane	ND	2.3	0.14	U
591-78-6	2-Hexanone	ND	11	1.3	U
74-97-5	Bromochloromethane	ND	2.3	0.23	U
594-20-7	2,2-Dichloropropane	ND	2.3	0.23	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-02	Date Collected	: 03/06/26 10:50
Client ID	: PDI-4_53-55_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/09/26 14:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V26260309A08	Instrument ID	: VOA126
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 79
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.1	0.32	U
142-28-9	1,3-Dichloropropane	ND	2.3	0.19	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.57	0.15	U
108-86-1	Bromobenzene	ND	2.3	0.16	U
104-51-8	n-Butylbenzene	1.1	1.1	0.19	
135-98-8	sec-Butylbenzene	1.5	1.1	0.17	
98-06-6	tert-Butylbenzene	0.14	2.3	0.13	J
95-49-8	o-Chlorotoluene	ND	2.3	0.22	U
106-43-4	p-Chlorotoluene	ND	2.3	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.4	1.1	U
87-68-3	Hexachlorobutadiene	ND	4.6	0.19	U
98-82-8	Isopropylbenzene	5.1	1.1	0.12	
99-87-6	p-Isopropyltoluene	0.28	1.1	0.12	J
91-20-3	Naphthalene	1.7	4.6	0.74	J
107-13-1	Acrylonitrile	ND	4.6	1.3	U
103-65-1	n-Propylbenzene	10	1.1	0.20	
87-61-6	1,2,3-Trichlorobenzene	ND	2.3	0.37	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.3	0.31	U
108-67-8	1,3,5-Trimethylbenzene	2.5	2.3	0.22	
95-63-6	1,2,4-Trimethylbenzene	3.3	2.3	0.38	
123-91-1	1,4-Dioxane	ND	91	40.	U
105-05-5	p-Diethylbenzene	1.9	2.3	0.20	J
622-96-8	p-Ethyltoluene	1.0	2.3	0.44	J
95-93-2	1,2,4,5-Tetramethylbenzene	3.4	2.3	0.22	
60-29-7	Ethyl ether	ND	2.3	0.39	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab ID	: L2612196-02	**Date Collected**	: 03/06/26 10:50
Client ID	: PDI-4_53-55_20260306	**Date Received**	: 03/06/26
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 03/09/26 14:01
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: BAD
Lab File ID	: V26260309A08	**Instrument ID**	: VOA126
Sample Amount	: 5.6 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 79
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.7	1.6	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-03	Date Collected	: 03/06/26 10:55
Client ID	: PDI-4_58-60_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/09/26 14:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V26260309A09	Instrument ID	: VOA126
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.4	2.4	U
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	U
67-66-3	Chloroform	4.2	1.6	0.15	
56-23-5	Carbon tetrachloride	ND	1.1	0.25	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.13	U
124-48-1	Dibromochloromethane	ND	1.1	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.29	U
127-18-4	Tetrachloroethene	0.50	0.54	0.21	J
108-90-7	Chlorobenzene	ND	0.54	0.14	U
75-69-4	Trichlorofluoromethane	ND	4.3	0.74	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.28	U
71-55-6	1,1,1-Trichloroethane	ND	0.54	0.18	U
75-27-4	Bromodichloromethane	0.30	0.54	0.12	J
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.29	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.54	0.17	U
542-75-6	1,3-Dichloropropene, Total	ND	0.54	0.17	U
563-58-6	1,1-Dichloropropene	ND	0.54	0.17	U
75-25-2	Bromoform	ND	4.3	0.26	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.54	0.18	U
71-43-2	Benzene	ND	0.54	0.18	U
108-88-3	Toluene	0.73	1.1	0.58	J
100-41-4	Ethylbenzene	0.74	1.1	0.15	J
74-87-3	Chloromethane	ND	4.3	1.0	U
74-83-9	Bromomethane	ND	2.1	0.62	U
75-01-4	Vinyl chloride	ND	1.1	0.36	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-03	Date Collected	: 03/06/26 10:55
Client ID	: PDI-4_58-60_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/09/26 14:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V26260309A09	Instrument ID	: VOA126
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.1	0.48	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.26	U
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.15	U
79-01-6	Trichloroethene	ND	0.54	0.15	U
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.16	U
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.1	0.22	U
179601-23-1	p/m-Xylene	2.5	2.1	0.60	
95-47-6	o-Xylene	0.33	1.1	0.31	J
1330-20-7	Xylenes, Total	2.8	1.1	0.31	J
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	1.1	0.15	U
74-95-3	Dibromomethane	ND	2.1	0.26	U
100-42-5	Styrene	ND	1.1	0.21	U
75-71-8	Dichlorodifluoromethane	ND	11	0.98	U
67-64-1	Acetone	ND	11	5.2	U
75-15-0	Carbon disulfide	ND	11	4.9	U
78-93-3	2-Butanone	ND	11	2.4	U
108-05-4	Vinyl acetate	ND	11	2.3	U
108-10-1	4-Methyl-2-pentanone	ND	11	1.4	U
96-18-4	1,2,3-Trichloropropane	ND	2.1	0.14	U
591-78-6	2-Hexanone	ND	11	1.3	U
74-97-5	Bromochloromethane	ND	2.1	0.22	U
594-20-7	2,2-Dichloropropane	ND	2.1	0.22	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-03	Date Collected	: 03/06/26 10:55
Client ID	: PDI-4_58-60_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/09/26 14:39
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V26260309A09	Instrument ID	: VOA126
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.1	0.30	U
142-28-9	1,3-Dichloropropane	ND	2.1	0.18	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.54	0.14	U
108-86-1	Bromobenzene	ND	2.1	0.16	U
104-51-8	n-Butylbenzene	0.33	1.1	0.18	J
135-98-8	sec-Butylbenzene	0.27	1.1	0.16	J
98-06-6	tert-Butylbenzene	ND	2.1	0.13	U
95-49-8	o-Chlorotoluene	ND	2.1	0.20	U
106-43-4	p-Chlorotoluene	ND	2.1	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.2	1.1	U
87-68-3	Hexachlorobutadiene	ND	4.3	0.18	U
98-82-8	Isopropylbenzene	0.94	1.1	0.12	J
99-87-6	p-Isopropyltoluene	ND	1.1	0.12	U
91-20-3	Naphthalene	1.1	4.3	0.70	J
107-13-1	Acrylonitrile	ND	4.3	1.2	U
103-65-1	n-Propylbenzene	2.1	1.1	0.18	
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.34	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.29	U
108-67-8	1,3,5-Trimethylbenzene	0.50	2.1	0.21	J
95-63-6	1,2,4-Trimethylbenzene	1.4	2.1	0.36	J
123-91-1	1,4-Dioxane	ND	86	38.	U
105-05-5	p-Diethylbenzene	0.67	2.1	0.19	J
622-96-8	p-Ethyltoluene	0.51	2.1	0.41	J
95-93-2	1,2,4,5-Tetramethylbenzene	1.1	2.1	0.20	J
60-29-7	Ethyl ether	ND	2.1	0.36	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab ID	: L2612196-03	**Date Collected**	: 03/06/26 10:55
Client ID	: PDI-4_58-60_20260306	**Date Received**	: 03/06/26
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 03/09/26 14:39
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: BAD
Lab File ID	: V26260309A09	**Instrument ID**	: VOA126
Sample Amount	: 5.8 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 81
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.4	1.5	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-04	Date Collected	: 03/06/26 11:00
Client ID	: PDI-4_63-65_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/10/26 12:44
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V11260310A13	Instrument ID	: VOA111
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 80
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.4	2.9	U
75-34-3	1,1-Dichloroethane	ND	1.3	0.18	U
67-66-3	Chloroform	2.7	1.9	0.18	
56-23-5	Carbon tetrachloride	ND	1.3	0.29	U
78-87-5	1,2-Dichloropropane	ND	1.3	0.16	U
124-48-1	Dibromochloromethane	ND	1.3	0.18	U
79-00-5	1,1,2-Trichloroethane	ND	1.3	0.34	U
127-18-4	Tetrachloroethene	ND	0.64	0.25	U
108-90-7	Chlorobenzene	ND	0.64	0.16	U
75-69-4	Trichlorofluoromethane	ND	5.1	0.88	U
107-06-2	1,2-Dichloroethane	ND	1.3	0.33	U
71-55-6	1,1,1-Trichloroethane	ND	0.64	0.21	U
75-27-4	Bromodichloromethane	ND	0.64	0.14	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.35	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.64	0.20	U
542-75-6	1,3-Dichloropropene, Total	ND	0.64	0.20	U
563-58-6	1,1-Dichloropropene	ND	0.64	0.20	U
75-25-2	Bromoform	ND	5.1	0.31	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.64	0.21	U
71-43-2	Benzene	ND	0.64	0.21	U
108-88-3	Toluene	ND	1.3	0.69	U
100-41-4	Ethylbenzene	1.4	1.3	0.18	
74-87-3	Chloromethane	ND	5.1	1.2	U
74-83-9	Bromomethane	ND	2.5	0.74	U
75-01-4	Vinyl chloride	ND	1.3	0.42	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-04	Date Collected	: 03/06/26 11:00
Client ID	: PDI-4_63-65_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/10/26 12:44
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V11260310A13	Instrument ID	: VOA111
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 80
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.57	U
75-35-4	1,1-Dichloroethene	ND	1.3	0.30	U
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.17	U
79-01-6	Trichloroethene	ND	0.64	0.17	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.22	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.26	U
179601-23-1	p/m-Xylene	3.3	2.5	0.71	
95-47-6	o-Xylene	ND	1.3	0.37	U
1330-20-7	Xylenes, Total	3.3	1.3	0.37	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	0.22	U
540-59-0	1,2-Dichloroethene, Total	ND	1.3	0.17	U
74-95-3	Dibromomethane	ND	2.5	0.30	U
100-42-5	Styrene	ND	1.3	0.25	U
75-71-8	Dichlorodifluoromethane	ND	13	1.2	U
67-64-1	Acetone	ND	13	6.1	U
75-15-0	Carbon disulfide	ND	13	5.8	U
78-93-3	2-Butanone	ND	13	2.8	U
108-05-4	Vinyl acetate	ND	13	2.7	U
108-10-1	4-Methyl-2-pentanone	ND	13	1.6	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.16	U
591-78-6	2-Hexanone	ND	13	1.5	U
74-97-5	Bromochloromethane	ND	2.5	0.26	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.26	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-04	Date Collected	: 03/06/26 11:00
Client ID	: PDI-4_63-65_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/10/26 12:44
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V11260310A13	Instrument ID	: VOA111
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 80
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.3	0.35	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.21	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.64	0.17	U
108-86-1	Bromobenzene	ND	2.5	0.18	U
104-51-8	n-Butylbenzene	1.2	1.3	0.21	J
135-98-8	sec-Butylbenzene	1.5	1.3	0.18	
98-06-6	tert-Butylbenzene	ND	2.5	0.15	U
95-49-8	o-Chlorotoluene	ND	2.5	0.24	U
106-43-4	p-Chlorotoluene	ND	2.5	0.14	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.8	1.3	U
87-68-3	Hexachlorobutadiene	ND	5.1	0.21	U
98-82-8	Isopropylbenzene	2.5	1.3	0.14	
99-87-6	p-Isopropyltoluene	0.34	1.3	0.14	J
91-20-3	Naphthalene	4.2	5.1	0.82	J
107-13-1	Acrylonitrile	ND	5.1	1.5	U
103-65-1	n-Propylbenzene	6.0	1.3	0.22	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.41	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.34	U
108-67-8	1,3,5-Trimethylbenzene	0.88	2.5	0.24	J
95-63-6	1,2,4-Trimethylbenzene	2.1	2.5	0.42	J
123-91-1	1,4-Dioxane	ND	100	44.	U
105-05-5	p-Diethylbenzene	1.9	2.5	0.22	J
622-96-8	p-Ethyltoluene	0.56	2.5	0.49	J
95-93-2	1,2,4,5-Tetramethylbenzene	3.1	2.5	0.24	
60-29-7	Ethyl ether	ND	2.5	0.43	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab ID	: L2612196-04	**Date Collected**	: 03/06/26 11:00
Client ID	: PDI-4_63-65_20260306	**Date Received**	: 03/06/26
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 03/10/26 12:44
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MNF
Lab File ID	: V11260310A13	**Instrument ID**	: VOA111
Sample Amount	: 4.9 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 80
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	6.4	1.8	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-05D2	Date Collected	: 03/06/26 13:00
Client ID	: PDI-3_48-50_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/10/26 18:22
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V11260310A26	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	1700	800	U
75-34-3	1,1-Dichloroethane	ND	350	50.	U
67-66-3	Chloroform	ND	520	49.	U
56-23-5	Carbon tetrachloride	ND	350	80.	U
78-87-5	1,2-Dichloropropane	ND	350	43.	U
124-48-1	Dibromochloromethane	ND	350	49.	U
79-00-5	1,1,2-Trichloroethane	ND	350	93.	U
127-18-4	Tetrachloroethene	ND	170	68.	U
108-90-7	Chlorobenzene	ND	170	44.	U
75-69-4	Trichlorofluoromethane	ND	1400	240	U
107-06-2	1,2-Dichloroethane	ND	350	89.	U
71-55-6	1,1,1-Trichloroethane	ND	170	58.	U
75-27-4	Bromodichloromethane	ND	170	38.	U
10061-02-6	trans-1,3-Dichloropropene	ND	350	95.	U
10061-01-5	cis-1,3-Dichloropropene	ND	170	55.	U
542-75-6	1,3-Dichloropropene, Total	ND	170	55.	U
563-58-6	1,1-Dichloropropene	ND	170	55.	U
75-25-2	Bromoform	ND	1400	86.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	170	58.	U
71-43-2	Benzene	ND	170	58.	U
108-88-3	Toluene	330	350	190	J
100-41-4	Ethylbenzene	34000	350	49.	
74-87-3	Chloromethane	ND	1400	320	U
74-83-9	Bromomethane	ND	700	200	U
75-01-4	Vinyl chloride	ND	350	120	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-05D2	Date Collected	: 03/06/26 13:00
Client ID	: PDI-3_48-50_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/10/26 18:22
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V11260310A26	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	700	160	U
75-35-4	1,1-Dichloroethene	ND	350	83.	U
156-60-5	trans-1,2-Dichloroethene	ND	520	48.	U
79-01-6	Trichloroethene	ND	170	48.	U
95-50-1	1,2-Dichlorobenzene	ND	700	50.	U
541-73-1	1,3-Dichlorobenzene	ND	700	51.	U
106-46-7	1,4-Dichlorobenzene	ND	700	59.	U
1634-04-4	Methyl tert butyl ether	ND	700	70.	U
179601-23-1	p/m-Xylene	89000	700	190	
95-47-6	o-Xylene	1100	350	100	
1330-20-7	Xylenes, Total	90000	350	100	
156-59-2	cis-1,2-Dichloroethene	ND	350	61.	U
540-59-0	1,2-Dichloroethene, Total	ND	350	48.	U
74-95-3	Dibromomethane	ND	700	83.	U
100-42-5	Styrene	ND	350	68.	U
75-71-8	Dichlorodifluoromethane	ND	3500	320	U
67-64-1	Acetone	ND	3500	1700	U
75-15-0	Carbon disulfide	ND	3500	1600	U
78-93-3	2-Butanone	ND	3500	770	U
108-05-4	Vinyl acetate	ND	3500	750	U
108-10-1	4-Methyl-2-pentanone	ND	3500	440	U
96-18-4	1,2,3-Trichloropropane	ND	700	44.	U
591-78-6	2-Hexanone	ND	3500	410	U
74-97-5	Bromochloromethane	ND	700	71.	U
594-20-7	2,2-Dichloropropane	ND	700	70.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-05D2	Date Collected	: 03/06/26 13:00
Client ID	: PDI-3_48-50_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/10/26 18:22
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V11260310A26	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	350	97.	U
142-28-9	1,3-Dichloropropane	ND	700	58.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	170	46.	U
108-86-1	Bromobenzene	ND	700	50.	U
104-51-8	n-Butylbenzene	7600	350	58.	
135-98-8	sec-Butylbenzene	2800	350	51.	
98-06-6	tert-Butylbenzene	ND	700	41.	U
95-49-8	o-Chlorotoluene	ND	700	66.	U
106-43-4	p-Chlorotoluene	ND	700	38.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1000	350	U
87-68-3	Hexachlorobutadiene	ND	1400	59.	U
98-82-8	Isopropylbenzene	5000	350	38.	
99-87-6	p-Isopropyltoluene	2100	350	38.	
91-20-3	Naphthalene	13000	1400	220	
107-13-1	Acrylonitrile	ND	1400	400	U
103-65-1	n-Propylbenzene	19000	350	59.	
87-61-6	1,2,3-Trichlorobenzene	ND	700	110	U
120-82-1	1,2,4-Trichlorobenzene	ND	700	94.	U
108-67-8	1,3,5-Trimethylbenzene	31000	700	67.	
95-63-6	1,2,4-Trimethylbenzene	110000	700	120	E
123-91-1	1,4-Dioxane	ND	28000	12000	U
105-05-5	p-Diethylbenzene	45000	700	62.	
622-96-8	p-Ethyltoluene	59000	700	130	
95-93-2	1,2,4,5-Tetramethylbenzene	13000	700	66.	
60-29-7	Ethyl ether	ND	700	120	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab ID	: L2612196-05D2	**Date Collected**	: 03/06/26 13:00
Client ID	: PDI-3_48-50_20260306	**Date Received**	: 03/06/26
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 03/10/26 18:22
Sample Matrix	: SOIL	**Dilution Factor**	: 5
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V11260310A26	**Instrument ID**	: VOA111
Sample Amount	: 5.8 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 78
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	1700	490	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab ID	: L2612196-05D	**Date Collected**	: 03/06/26 13:00
Client ID	: PDI-3_48-50_20260306	**Date Received**	: 03/06/26
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 03/09/26 15:57
Sample Matrix	: SOIL	**Dilution Factor**	: 20
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V26260309A11	**Instrument ID**	: VOA126
Sample Amount	: 5.8 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 78
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-63-6	1,2,4-Trimethylbenzene	92000	2800	460	

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-06	Date Collected	: 03/06/26 13:05
Client ID	: PDI-3_53-55_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/10/26 17:29
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V11260310A24	Instrument ID	: VOA111
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	270	120	U
75-34-3	1,1-Dichloroethane	ND	54	7.8	U
67-66-3	Chloroform	ND	80	7.5	U
56-23-5	Carbon tetrachloride	ND	54	12.	U
78-87-5	1,2-Dichloropropane	ND	54	6.7	U
124-48-1	Dibromochloromethane	ND	54	7.5	U
79-00-5	1,1,2-Trichloroethane	ND	54	14.	U
127-18-4	Tetrachloroethene	ND	27	10.	U
108-90-7	Chlorobenzene	ND	27	6.8	U
75-69-4	Trichlorofluoromethane	ND	210	37.	U
107-06-2	1,2-Dichloroethane	ND	54	14.	U
71-55-6	1,1,1-Trichloroethane	ND	27	8.9	U
75-27-4	Bromodichloromethane	ND	27	5.8	U
10061-02-6	trans-1,3-Dichloropropene	ND	54	15.	U
10061-01-5	cis-1,3-Dichloropropene	ND	27	8.5	U
542-75-6	1,3-Dichloropropene, Total	ND	27	8.5	U
563-58-6	1,1-Dichloropropene	ND	27	8.5	U
75-25-2	Bromoform	ND	210	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	27	8.9	U
71-43-2	Benzene	ND	27	8.9	U
108-88-3	Toluene	ND	54	29.	U
100-41-4	Ethylbenzene	940	54	7.6	
74-87-3	Chloromethane	ND	210	50.	U
74-83-9	Bromomethane	ND	110	31.	U
75-01-4	Vinyl chloride	ND	54	18.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-06	Date Collected	: 03/06/26 13:05
Client ID	: PDI-3_53-55_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/10/26 17:29
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V11260310A24	Instrument ID	: VOA111
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	110	24.	U
75-35-4	1,1-Dichloroethene	ND	54	13.	U
156-60-5	trans-1,2-Dichloroethene	ND	80	7.3	U
79-01-6	Trichloroethene	ND	27	7.3	U
95-50-1	1,2-Dichlorobenzene	ND	110	7.7	U
541-73-1	1,3-Dichlorobenzene	ND	110	7.9	U
106-46-7	1,4-Dichlorobenzene	ND	110	9.2	U
1634-04-4	Methyl tert butyl ether	ND	110	11.	U
179601-23-1	p/m-Xylene	1600	110	30.	
95-47-6	o-Xylene	28	54	16.	J
1330-20-7	Xylenes, Total	1600	54	16.	J
156-59-2	cis-1,2-Dichloroethene	ND	54	9.4	U
540-59-0	1,2-Dichloroethene, Total	ND	54	7.3	U
74-95-3	Dibromomethane	ND	110	13.	U
100-42-5	Styrene	ND	54	10.	U
75-71-8	Dichlorodifluoromethane	ND	540	49.	U
67-64-1	Acetone	ND	540	260	U
75-15-0	Carbon disulfide	ND	540	240	U
78-93-3	2-Butanone	ND	540	120	U
108-05-4	Vinyl acetate	ND	540	120	U
108-10-1	4-Methyl-2-pentanone	ND	540	68.	U
96-18-4	1,2,3-Trichloropropane	ND	110	6.8	U
591-78-6	2-Hexanone	ND	540	63.	U
74-97-5	Bromochloromethane	ND	110	11.	U
594-20-7	2,2-Dichloropropane	ND	110	11.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-06	Date Collected	: 03/06/26 13:05
Client ID	: PDI-3_53-55_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/10/26 17:29
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V11260310A24	Instrument ID	: VOA111
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 88
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	54	15.	U
142-28-9	1,3-Dichloropropane	ND	110	8.9	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	27	7.1	U
108-86-1	Bromobenzene	ND	110	7.8	U
104-51-8	n-Butylbenzene	740	54	8.9	
135-98-8	sec-Butylbenzene	340	54	7.8	
98-06-6	tert-Butylbenzene	41	110	6.3	J
95-49-8	o-Chlorotoluene	ND	110	10.	U
106-43-4	p-Chlorotoluene	ND	110	5.8	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	160	53.	U
87-68-3	Hexachlorobutadiene	ND	210	9.0	U
98-82-8	Isopropylbenzene	620	54	5.8	
99-87-6	p-Isopropyltoluene	260	54	5.8	
91-20-3	Naphthalene	470	210	35.	
107-13-1	Acrylonitrile	ND	210	62.	U
103-65-1	n-Propylbenzene	1600	54	9.2	
87-61-6	1,2,3-Trichlorobenzene	ND	110	17.	U
120-82-1	1,2,4-Trichlorobenzene	ND	110	14.	U
108-67-8	1,3,5-Trimethylbenzene	580	110	10.	
95-63-6	1,2,4-Trimethylbenzene	2200	110	18.	
123-91-1	1,4-Dioxane	ND	4300	1900	U
105-05-5	p-Diethylbenzene	510	110	9.5	
622-96-8	p-Ethyltoluene	1200	110	20.	
95-93-2	1,2,4,5-Tetramethylbenzene	1200	110	10.	
60-29-7	Ethyl ether	ND	110	18.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab ID	: L2612196-06	**Date Collected**	: 03/06/26 13:05
Client ID	: PDI-3_53-55_20260306	**Date Received**	: 03/06/26
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 03/10/26 17:29
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V11260310A24	**Instrument ID**	: VOA111
Sample Amount	: 6.1 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 88
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	270	76.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-07	Date Collected	: 03/06/26 13:10
Client ID	: PDI-3_58-60_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/10/26 17:56
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V11260310A25	Instrument ID	: VOA111
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	300	140	U
75-34-3	1,1-Dichloroethane	ND	60	8.7	U
67-66-3	Chloroform	ND	90	8.4	U
56-23-5	Carbon tetrachloride	ND	60	14.	U
78-87-5	1,2-Dichloropropane	ND	60	7.5	U
124-48-1	Dibromochloromethane	ND	60	8.4	U
79-00-5	1,1,2-Trichloroethane	ND	60	16.	U
127-18-4	Tetrachloroethene	ND	30	12.	U
108-90-7	Chlorobenzene	ND	30	7.6	U
75-69-4	Trichlorofluoromethane	ND	240	42.	U
107-06-2	1,2-Dichloroethane	ND	60	15.	U
71-55-6	1,1,1-Trichloroethane	ND	30	10.	U
75-27-4	Bromodichloromethane	ND	30	6.6	U
10061-02-6	trans-1,3-Dichloropropene	ND	60	16.	U
10061-01-5	cis-1,3-Dichloropropene	ND	30	9.5	U
542-75-6	1,3-Dichloropropene, Total	ND	30	9.5	U
563-58-6	1,1-Dichloropropene	ND	30	9.6	U
75-25-2	Bromoform	ND	240	15.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	30	10.	U
71-43-2	Benzene	ND	30	10.	U
108-88-3	Toluene	ND	60	33.	U
100-41-4	Ethylbenzene	1000	60	8.5	
74-87-3	Chloromethane	ND	240	56.	U
74-83-9	Bromomethane	ND	120	35.	U
75-01-4	Vinyl chloride	ND	60	20.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-07	Date Collected	: 03/06/26 13:10
Client ID	: PDI-3_58-60_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/10/26 17:56
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V11260310A25	Instrument ID	: VOA111
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	120	27.	U
75-35-4	1,1-Dichloroethene	ND	60	14.	U
156-60-5	trans-1,2-Dichloroethene	ND	90	8.2	U
79-01-6	Trichloroethene	ND	30	8.2	U
95-50-1	1,2-Dichlorobenzene	ND	120	8.7	U
541-73-1	1,3-Dichlorobenzene	ND	120	8.9	U
106-46-7	1,4-Dichlorobenzene	ND	120	10.	U
1634-04-4	Methyl tert butyl ether	ND	120	12.	U
179601-23-1	p/m-Xylene	3000	120	34.	
95-47-6	o-Xylene	37	60	18.	J
1330-20-7	Xylenes, Total	3000	60	18.	J
156-59-2	cis-1,2-Dichloroethene	ND	60	10.	U
540-59-0	1,2-Dichloroethene, Total	ND	60	8.2	U
74-95-3	Dibromomethane	ND	120	14.	U
100-42-5	Styrene	ND	60	12.	U
75-71-8	Dichlorodifluoromethane	ND	600	55.	U
67-64-1	Acetone	ND	600	290	U
75-15-0	Carbon disulfide	ND	600	270	U
78-93-3	2-Butanone	ND	600	130	U
108-05-4	Vinyl acetate	ND	600	130	U
108-10-1	4-Methyl-2-pentanone	ND	600	77.	U
96-18-4	1,2,3-Trichloropropane	ND	120	7.6	U
591-78-6	2-Hexanone	ND	600	71.	U
74-97-5	Bromochloromethane	ND	120	12.	U
594-20-7	2,2-Dichloropropane	ND	120	12.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-07	Date Collected	: 03/06/26 13:10
Client ID	: PDI-3_58-60_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/10/26 17:56
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V11260310A25	Instrument ID	: VOA111
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 86
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	60	17.	U
142-28-9	1,3-Dichloropropane	ND	120	10.	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	30	8.0	U
108-86-1	Bromobenzene	ND	120	8.7	U
104-51-8	n-Butylbenzene	190	60	10.	
135-98-8	sec-Butylbenzene	77	60	8.8	
98-06-6	tert-Butylbenzene	ND	120	7.1	U
95-49-8	o-Chlorotoluene	ND	120	12.	U
106-43-4	p-Chlorotoluene	ND	120	6.5	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	180	60.	U
87-68-3	Hexachlorobutadiene	ND	240	10.	U
98-82-8	Isopropylbenzene	140	60	6.6	
99-87-6	p-Isopropyltoluene	57	60	6.6	J
91-20-3	Naphthalene	400	240	39.	
107-13-1	Acrylonitrile	ND	240	69.	U
103-65-1	n-Propylbenzene	510	60	10.	
87-61-6	1,2,3-Trichlorobenzene	ND	120	19.	U
120-82-1	1,2,4-Trichlorobenzene	ND	120	16.	U
108-67-8	1,3,5-Trimethylbenzene	870	120	12.	
95-63-6	1,2,4-Trimethylbenzene	3000	120	20.	
123-91-1	1,4-Dioxane	ND	4800	2100	U
105-05-5	p-Diethylbenzene	1100	120	11.	
622-96-8	p-Ethyltoluene	1800	120	23.	
95-93-2	1,2,4,5-Tetramethylbenzene	310	120	12.	
60-29-7	Ethyl ether	ND	120	20.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab ID	: L2612196-07	**Date Collected**	: 03/06/26 13:10
Client ID	: PDI-3_58-60_20260306	**Date Received**	: 03/06/26
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 03/10/26 17:56
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V11260310A25	**Instrument ID**	: VOA111
Sample Amount	: 5.6 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 86
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	300	86.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-08	Date Collected	: 03/06/26 13:15
Client ID	: PDI-3_63-65_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/09/26 17:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V26260309A14	Instrument ID	: VOA126
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 90
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.8	2.2	U
75-34-3	1,1-Dichloroethane	ND	0.96	0.14	U
67-66-3	Chloroform	ND	1.4	0.13	U
56-23-5	Carbon tetrachloride	ND	0.96	0.22	U
78-87-5	1,2-Dichloropropane	ND	0.96	0.12	U
124-48-1	Dibromochloromethane	ND	0.96	0.13	U
79-00-5	1,1,2-Trichloroethane	ND	0.96	0.26	U
127-18-4	Tetrachloroethene	ND	0.48	0.19	U
108-90-7	Chlorobenzene	ND	0.48	0.12	U
75-69-4	Trichlorofluoromethane	ND	3.8	0.66	U
107-06-2	1,2-Dichloroethane	ND	0.96	0.24	U
71-55-6	1,1,1-Trichloroethane	ND	0.48	0.16	U
75-27-4	Bromodichloromethane	0.54	0.48	0.10	
10061-02-6	trans-1,3-Dichloropropene	ND	0.96	0.26	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.48	0.15	U
542-75-6	1,3-Dichloropropene, Total	ND	0.48	0.15	U
563-58-6	1,1-Dichloropropene	ND	0.48	0.15	U
75-25-2	Bromoform	ND	3.8	0.24	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.48	0.16	U
71-43-2	Benzene	ND	0.48	0.16	U
108-88-3	Toluene	ND	0.96	0.52	U
100-41-4	Ethylbenzene	7.9	0.96	0.13	
74-87-3	Chloromethane	ND	3.8	0.89	U
74-83-9	Bromomethane	ND	1.9	0.56	U
75-01-4	Vinyl chloride	ND	0.96	0.32	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-08	Date Collected	: 03/06/26 13:15
Client ID	: PDI-3_63-65_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/09/26 17:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V26260309A14	Instrument ID	: VOA126
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 90
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	1.9	0.43	U
75-35-4	1,1-Dichloroethene	ND	0.96	0.23	U
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.13	U
79-01-6	Trichloroethene	ND	0.48	0.13	U
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.16	U
1634-04-4	Methyl tert butyl ether	ND	1.9	0.19	U
179601-23-1	p/m-Xylene	18	1.9	0.54	
95-47-6	o-Xylene	0.30	0.96	0.28	J
1330-20-7	Xylenes, Total	18	0.96	0.28	J
156-59-2	cis-1,2-Dichloroethene	ND	0.96	0.17	U
540-59-0	1,2-Dichloroethene, Total	ND	0.96	0.13	U
74-95-3	Dibromomethane	ND	1.9	0.23	U
100-42-5	Styrene	ND	0.96	0.19	U
75-71-8	Dichlorodifluoromethane	ND	9.6	0.87	U
67-64-1	Acetone	ND	9.6	4.6	U
75-15-0	Carbon disulfide	ND	9.6	4.4	U
78-93-3	2-Butanone	ND	9.6	2.1	U
108-05-4	Vinyl acetate	ND	9.6	2.0	U
108-10-1	4-Methyl-2-pentanone	ND	9.6	1.2	U
96-18-4	1,2,3-Trichloropropane	ND	1.9	0.12	U
591-78-6	2-Hexanone	ND	9.6	1.1	U
74-97-5	Bromochloromethane	ND	1.9	0.20	U
594-20-7	2,2-Dichloropropane	ND	1.9	0.19	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-08	Date Collected	: 03/06/26 13:15
Client ID	: PDI-3_63-65_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/09/26 17:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V26260309A14	Instrument ID	: VOA126
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 90
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	0.96	0.27	U
142-28-9	1,3-Dichloropropane	ND	1.9	0.16	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.48	0.13	U
108-86-1	Bromobenzene	ND	1.9	0.14	U
104-51-8	n-Butylbenzene	2.6	0.96	0.16	
135-98-8	sec-Butylbenzene	1.4	0.96	0.14	
98-06-6	tert-Butylbenzene	0.22	1.9	0.11	J
95-49-8	o-Chlorotoluene	ND	1.9	0.18	U
106-43-4	p-Chlorotoluene	ND	1.9	0.10	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.9	0.95	U
87-68-3	Hexachlorobutadiene	ND	3.8	0.16	U
98-82-8	Isopropylbenzene	3.4	0.96	0.10	
99-87-6	p-Isopropyltoluene	0.70	0.96	0.10	J
91-20-3	Naphthalene	3.1	3.8	0.62	J
107-13-1	Acrylonitrile	ND	3.8	1.1	U
103-65-1	n-Propylbenzene	7.7	0.96	0.16	
87-61-6	1,2,3-Trichlorobenzene	ND	1.9	0.31	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.9	0.26	U
108-67-8	1,3,5-Trimethylbenzene	4.9	1.9	0.18	
95-63-6	1,2,4-Trimethylbenzene	17	1.9	0.32	
123-91-1	1,4-Dioxane	ND	76	34.	U
105-05-5	p-Diethylbenzene	7.7	1.9	0.17	
622-96-8	p-Ethyltoluene	9.4	1.9	0.37	
95-93-2	1,2,4,5-Tetramethylbenzene	4.8	1.9	0.18	
60-29-7	Ethyl ether	ND	1.9	0.33	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab ID	: L2612196-08	**Date Collected**	: 03/06/26 13:15
Client ID	: PDI-3_63-65_20260306	**Date Received**	: 03/06/26
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 03/09/26 17:54
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: BAD
Lab File ID	: V26260309A14	**Instrument ID**	: VOA126
Sample Amount	: 5.8 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 90
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.8	1.4	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-09	Date Collected	: 03/06/26 07:00
Client ID	: TB-01_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/10/26 09:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V11260310A06	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 100
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.16	U
563-58-6	1,1-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-09	Date Collected	: 03/06/26 07:00
Client ID	: TB-01_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/10/26 09:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V11260310A06	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 100
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
1330-20-7	Xylenes, Total	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-09	Date Collected	: 03/06/26 07:00
Client ID	: TB-01_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/10/26 09:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V11260310A06	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 100
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.13	U
108-86-1	Bromobenzene	ND	2.0	0.14	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
87-68-3	Hexachlorobutadiene	ND	4.0	0.17	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
107-13-1	Acrylonitrile	ND	4.0	1.2	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
123-91-1	1,4-Dioxane	ND	80	35.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U
60-29-7	Ethyl ether	ND	2.0	0.34	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab ID	: L2612196-09	**Date Collected**	: 03/06/26 07:00
Client ID	: TB-01_20260306	**Date Received**	: 03/06/26
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 03/10/26 09:45
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MNF
Lab File ID	: V11260310A06	**Instrument ID**	: VOA111
Sample Amount	: 5.0 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 100
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	1.4	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: WG2183398-5	Date Collected	: NA
Client ID	: WG2183398-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/09/26 12:04
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: TMH
Lab File ID	: V26260309A05	Instrument ID	: VOA126
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	0.94	1.5	0.14	J
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.16	U
563-58-6	1,1-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: WG2183398-5	Date Collected	: NA
Client ID	: WG2183398-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/09/26 12:04
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: TMH
Lab File ID	: V26260309A05	Instrument ID	: VOA126
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
1330-20-7	Xylenes, Total	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: WG2183398-5	Date Collected	: NA
Client ID	: WG2183398-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/09/26 12:04
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: TMH
Lab File ID	: V26260309A05	Instrument ID	: VOA126
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.13	U
108-86-1	Bromobenzene	ND	2.0	0.14	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
87-68-3	Hexachlorobutadiene	ND	4.0	0.17	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
107-13-1	Acrylonitrile	ND	4.0	1.2	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
123-91-1	1,4-Dioxane	ND	80	35.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U
60-29-7	Ethyl ether	ND	2.0	0.34	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: WG2183398-5	Date Collected	: NA
Client ID	: WG2183398-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/09/26 12:04
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: TMH
Lab File ID	: V26260309A05	Instrument ID	: VOA126
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	1.4	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: WG2183467-5	Date Collected	: NA
Client ID	: WG2183467-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/10/26 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V11260310A05	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	ND	75	7.0	U
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
542-75-6	1,3-Dichloropropene, Total	ND	25	7.9	U
563-58-6	1,1-Dichloropropene	ND	25	8.0	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	ND	100	29.	U
75-01-4	Vinyl chloride	ND	50	17.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: WG2183467-5	Date Collected	: NA
Client ID	: WG2183467-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/10/26 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V11260310A05	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
1330-20-7	Xylenes, Total	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
540-59-0	1,2-Dichloroethene, Total	ND	50	6.8	U
74-95-3	Dibromomethane	ND	100	12.	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-05-4	Vinyl acetate	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
96-18-4	1,2,3-Trichloropropane	ND	100	6.4	U
591-78-6	2-Hexanone	ND	500	59.	U
74-97-5	Bromochloromethane	ND	100	10.	U
594-20-7	2,2-Dichloropropane	ND	100	10.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: WG2183467-5	Date Collected	: NA
Client ID	: WG2183467-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/10/26 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V11260310A05	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	50	14.	U
142-28-9	1,3-Dichloropropane	ND	100	8.4	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	6.6	U
108-86-1	Bromobenzene	ND	100	7.2	U
104-51-8	n-Butylbenzene	ND	50	8.4	U
135-98-8	sec-Butylbenzene	ND	50	7.3	U
98-06-6	tert-Butylbenzene	ND	100	5.9	U
95-49-8	o-Chlorotoluene	ND	100	9.6	U
106-43-4	p-Chlorotoluene	ND	100	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
87-68-3	Hexachlorobutadiene	ND	200	8.4	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
99-87-6	p-Isopropyltoluene	ND	50	5.4	U
91-20-3	Naphthalene	ND	200	32.	U
107-13-1	Acrylonitrile	ND	200	58.	U
103-65-1	n-Propylbenzene	ND	50	8.6	U
87-61-6	1,2,3-Trichlorobenzene	ND	100	16.	U
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.6	U
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U
123-91-1	1,4-Dioxane	ND	4000	1800	U
105-05-5	p-Diethylbenzene	ND	100	8.8	U
622-96-8	p-Ethyltoluene	ND	100	19.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	100	9.6	U
60-29-7	Ethyl ether	ND	100	17.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High/8260

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab ID	: WG2183467-5	**Date Collected**	: NA
Client ID	: WG2183467-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/10/26 09:18
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MNF
Lab File ID	: V11260310A05	**Instrument ID**	: VOA111
Sample Amount	: 5.0 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: NA
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	71.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: WG2183801-5	Date Collected	: NA
Client ID	: WG2183801-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/10/26 15:04
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V10260310A05	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	1.4	1.5	0.14	J
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.16	U
563-58-6	1,1-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: WG2183801-5	Date Collected	: NA
Client ID	: WG2183801-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/10/26 15:04
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V10260310A05	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
1330-20-7	Xylenes, Total	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: WG2183801-5	Date Collected	: NA
Client ID	: WG2183801-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/10/26 15:04
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V10260310A05	Instrument ID	: VOA110
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.13	U
108-86-1	Bromobenzene	ND	2.0	0.14	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
87-68-3	Hexachlorobutadiene	ND	4.0	0.17	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
107-13-1	Acrylonitrile	ND	4.0	1.2	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
123-91-1	1,4-Dioxane	ND	80	35.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U
60-29-7	Ethyl ether	ND	2.0	0.34	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab ID	: WG2183801-5	**Date Collected**	: NA
Client ID	: WG2183801-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/10/26 15:04
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V10260310A05	**Instrument ID**	: VOA110
Sample Amount	: 5.0 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: NA
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	1.4	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: WG2183816-5	Date Collected	: NA
Client ID	: WG2183816-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/10/26 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V11260310A05	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.16	U
563-58-6	1,1-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: WG2183816-5	Date Collected	: NA
Client ID	: WG2183816-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/10/26 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V11260310A05	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
1330-20-7	Xylenes, Total	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
74-95-3	Dibromomethane	ND	2.0	0.24	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-05-4	Vinyl acetate	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.13	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
594-20-7	2,2-Dichloropropane	ND	2.0	0.20	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: WG2183816-5	Date Collected	: NA
Client ID	: WG2183816-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/10/26 09:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MNF
Lab File ID	: V11260310A05	Instrument ID	: VOA111
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
142-28-9	1,3-Dichloropropane	ND	2.0	0.17	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.13	U
108-86-1	Bromobenzene	ND	2.0	0.14	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
95-49-8	o-Chlorotoluene	ND	2.0	0.19	U
106-43-4	p-Chlorotoluene	ND	2.0	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
87-68-3	Hexachlorobutadiene	ND	4.0	0.17	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
107-13-1	Acrylonitrile	ND	4.0	1.2	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
123-91-1	1,4-Dioxane	ND	80	35.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.18	U
622-96-8	p-Ethyltoluene	ND	2.0	0.38	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.19	U
60-29-7	Ethyl ether	ND	2.0	0.34	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab ID	: WG2183816-5	**Date Collected**	: NA
Client ID	: WG2183816-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/10/26 09:18
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MNF
Lab File ID	: V11260310A05	**Instrument ID**	: VOA111
Sample Amount	: 5.0 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: NA
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.0	1.4	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: WG2183848-5	Date Collected	: NA
Client ID	: WG2183848-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/09/26 12:04
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: TMH
Lab File ID	: V26260309A05	Instrument ID	: VOA126
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	47	75	7.0	J
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
542-75-6	1,3-Dichloropropene, Total	ND	25	7.9	U
563-58-6	1,1-Dichloropropene	ND	25	8.0	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	ND	100	29.	U
75-01-4	Vinyl chloride	ND	50	17.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: WG2183848-5	Date Collected	: NA
Client ID	: WG2183848-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/09/26 12:04
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: TMH
Lab File ID	: V26260309A05	Instrument ID	: VOA126
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
1330-20-7	Xylenes, Total	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
540-59-0	1,2-Dichloroethene, Total	ND	50	6.8	U
74-95-3	Dibromomethane	ND	100	12.	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-05-4	Vinyl acetate	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
96-18-4	1,2,3-Trichloropropane	ND	100	6.4	U
591-78-6	2-Hexanone	ND	500	59.	U
74-97-5	Bromochloromethane	ND	100	10.	U
594-20-7	2,2-Dichloropropane	ND	100	10.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: WG2183848-5	Date Collected	: NA
Client ID	: WG2183848-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/09/26 12:04
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: TMH
Lab File ID	: V26260309A05	Instrument ID	: VOA126
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	50	14.	U
142-28-9	1,3-Dichloropropane	ND	100	8.4	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	6.6	U
108-86-1	Bromobenzene	ND	100	7.2	U
104-51-8	n-Butylbenzene	ND	50	8.4	U
135-98-8	sec-Butylbenzene	ND	50	7.3	U
98-06-6	tert-Butylbenzene	ND	100	5.9	U
95-49-8	o-Chlorotoluene	ND	100	9.6	U
106-43-4	p-Chlorotoluene	ND	100	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
87-68-3	Hexachlorobutadiene	ND	200	8.4	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
99-87-6	p-Isopropyltoluene	ND	50	5.4	U
91-20-3	Naphthalene	ND	200	32.	U
107-13-1	Acrylonitrile	ND	200	58.	U
103-65-1	n-Propylbenzene	ND	50	8.6	U
87-61-6	1,2,3-Trichlorobenzene	ND	100	16.	U
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.6	U
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U
123-91-1	1,4-Dioxane	ND	4000	1800	U
105-05-5	p-Diethylbenzene	ND	100	8.8	U
622-96-8	p-Ethyltoluene	ND	100	19.	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	100	9.6	U
60-29-7	Ethyl ether	ND	100	17.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab ID	: WG2183848-5	**Date Collected**	: NA
Client ID	: WG2183848-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/09/26 12:04
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: TMH
Lab File ID	: V26260309A05	**Instrument ID**	: VOA126
Sample Amount	: 15.0 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: NA
Extract Volume (MeOH)	: 15 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	71.	U

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A08.D
Acq On : 09 Mar 2026 02:01 pm
Operator : VOA126:BAD
Sample : L2612196-02,31,5.56,5,,C,32.43,38.24,0.25
Misc : WG2183398,ICAL22967
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 10 09:02:29 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	11.270	96	1149116	20.000 ug/L	0.00
Standard Area 1 = 1096647			Recovery	= 104.78%	
63) Chlorobenzene-d5	17.944	117	836827	20.000 ug/L	0.00
Standard Area 1 = 791330			Recovery	= 105.75%	
88) 1,4-Dichlorobenzene-d4	23.588	152	397286	20.000 ug/L	0.00
Standard Area 1 = 374599			Recovery	= 106.06%	
System Monitoring Compounds					
39) Dibromofluoromethane	9.639	113	277008	19.557 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 97.78%	
47) 1,2-Dichloroethane-d4	10.635	65	286839	20.480 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 102.40%	
65) Toluene-d8	14.589	98	1159568	21.288 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 106.44%	
92) 4-Bromofluorobenzene	20.774	95	399822	20.715 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 103.57%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.573	85	357	N.D.	
4) Chloromethane	3.022	50	6067M3	0.350 ug/L	
5) Vinyl chloride	0.000		0	N.D.	
6) Bromomethane	3.811	94	200	N.D.	
7) Chloroethane	3.936	64	27	N.D.	
8) Trichlorofluoromethane	4.346	101	31	N.D.	
9) Ethyl ether	0.000		0	N.D.	
11) 1,1-Dichloroethene	0.000		0	N.D.	
12) Carbon disulfide	6.346	76	50195	1.074 ug/L	100
17) Methylene chloride	6.348	84	489	N.D.	
19) Acetone	5.264	43	23023	4.068 ug/L #	68
20) trans-1,2-Dichloroethene	6.906	96	425	N.D.	
23) Methyl tert-butyl ether	6.641	73	90	N.D.	
26) 1,1-Dichloroethane	7.729	63	130	N.D.	
28) Acrylonitrile	0.000		0	N.D. d	
30) Vinyl acetate	0.000		0	N.D. d	
31) cis-1,2-Dichloroethene	8.917	96	339	N.D.	
32) 2,2-Dichloropropane	0.000		0	N.D.	
33) Bromochloromethane	0.000		0	N.D.	
35) Chloroform	9.212	83	37027	1.294 ug/L	98

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A08.D
Acq On : 09 Mar 2026 02:01 pm
Operator : VOA126:BAD
Sample : L2612196-02,31,5.56,5,,C,32.43,38.24,0.25
Misc : WG2183398,ICAL22967
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 10 09:02:29 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Carbon tetrachloride	0.000		0	N.D.		
40) 1,1,1-Trichloroethane	0.000		0	N.D.		
42) 2-Butanone	0.000		0	N.D.	d	
43) 1,1-Dichloropropene	0.000		0	N.D.		
45) Benzene	10.824	78	6187	0.110	ug/L #	62
48) 1,2-Dichloroethane	10.833	62	389	N.D.		
52) Trichloroethene	0.000		0	N.D.	d	
54) Dibromomethane	13.050	93	26	N.D.		
55) 1,2-Dichloropropane	12.414	63	55	N.D.		
58) Bromodichloromethane	12.930	83	309	N.D.		
61) 1,4-Dioxane	0.000		0	N.D.		
62) cis-1,3-Dichloropropene	0.000		0	N.D.		
66) Toluene	14.759	92	71283	1.962	ug/L	93
67) 4-Methyl-2-pentanone	13.655	58	27	N.D.		
68) Tetrachloroethene	16.170	166	2698M3	0.170	ug/L	
71) trans-1,3-Dichloropropene	0.000		0	N.D.		
75) 1,1,2-Trichloroethane	15.498	83	152	N.D.		
76) Chlorodibromomethane	0.000		0	N.D.		
77) 1,3-Dichloropropane	0.000		0	N.D.		
78) 1,2-Dibromoethane	17.118	107	141	N.D.		
80) 2-Hexanone	0.000		0	N.D.	d	
82) Chlorobenzene	18.033	112	704	N.D.		
83) Ethylbenzene	18.158	91	131550	1.900	ug/L	95
84) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
85) p/m Xylene	18.340	106	286547	10.753	ug/L	86
86) o Xylene	19.338	106	17772	0.695	ug/L	78
87) Styrene	0.000		0	N.D.	d	
89) Bromoform	20.200	173	30	N.D.		
91) Isopropylbenzene	20.183	105	292131	4.505	ug/L	96
93) Bromobenzene	0.000		0	N.D.		
95) n-Propylbenzene	21.131	91	682489	9.026	ug/L	94
97) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d	
98) 4-Ethyltoluene	21.404	105	53908	0.873	ug/L #	75
99) 2-Chlorotoluene	0.000		0	N.D.	d	
100) 1,3,5-Trimethylbenzene	21.519	105	115333	2.191	ug/L	94
101) 1,2,3-Trichloropropane	0.000		0	N.D.		
102) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
103) 4-Chlorotoluene	21.655	91	428	N.D.		
104) tert-Butylbenzene	22.358	119	5745	0.126	ug/L #	68

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A08.D
Acq On : 09 Mar 2026 02:01 pm
Operator : VOA126:BAD
Sample : L2612196-02,31,5.56,5,,C,32.43,38.24,0.25
Misc : WG2183398,ICAL22967
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 10 09:02:29 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) 1,2,4-Trimethylbenzene	22.450	105	146462	2.865	ug/L	96
109) sec-Butylbenzene	22.871	105	90737	1.358	ug/L	97
110) p-Isopropyltoluene	23.212	119	14052	0.245	ug/L #	82
111) 1,3-Dichlorobenzene	23.407	146	64	N.D.		
112) 1,4-Dichlorobenzene	23.661	146	374	N.D.		
115) p-Diethylbenzene	24.215	119	56689	1.635	ug/L	72
116) n-Butylbenzene	24.190	91	59528	0.932	ug/L	92
118) 1,2-Dichlorobenzene	24.519	146	27	N.D.		
120) 1,2,4,5-Tetramethylben...	25.936	119	147744	2.940	ug/L	96
121) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
124) Hexachlorobutadiene	0.000		0	N.D.		
125) 1,2,4-Trichlorobenzene	27.963	180	318	N.D.		
126) Naphthalene	28.426	128	47215	1.519	ug/L	100
127) 1,2,3-Trichlorobenzene	28.861	180	86	N.D.		

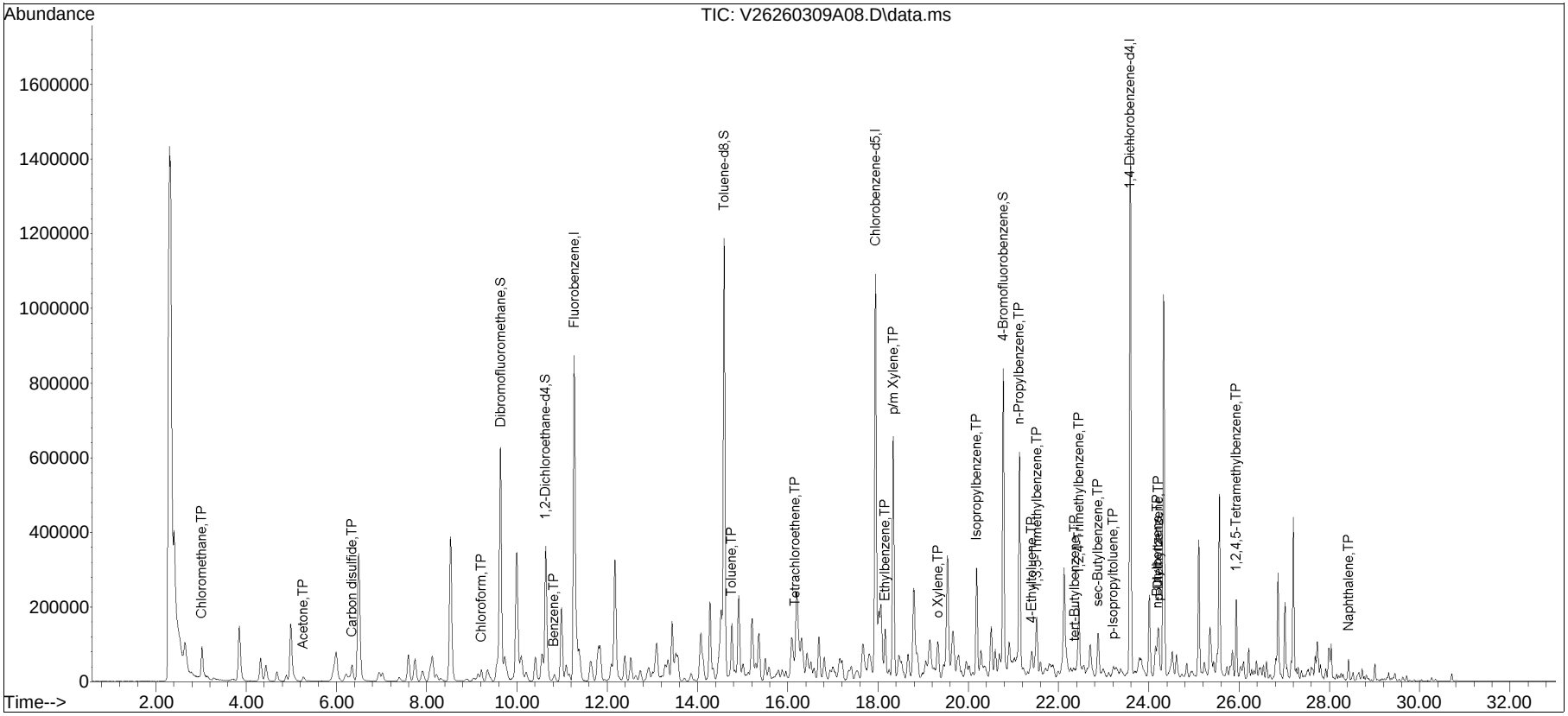
(#) = qualifier out of range (m) = manual integration (+) = signals summed

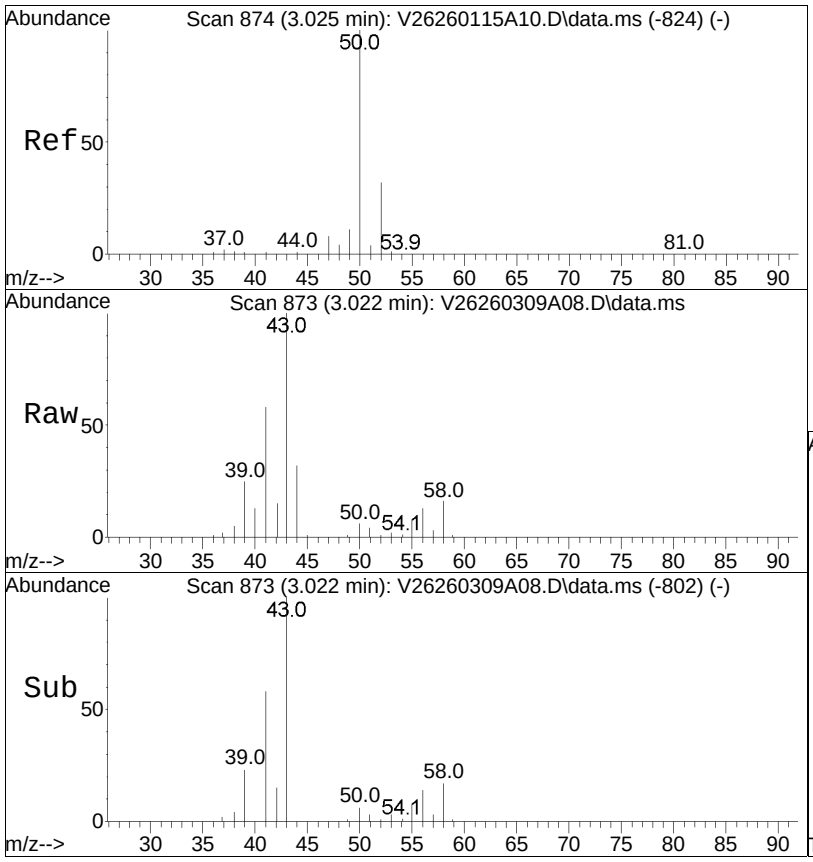
Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A08.D
Acq On : 09 Mar 2026 02:01 pm
Operator : VOA126:BAD
Sample : L2612196-02,31,5.56,5,,C,32.43,38.24,0.25
Misc : WG2183398,ICAL22967
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 10 09:02:29 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox260309A01.D•

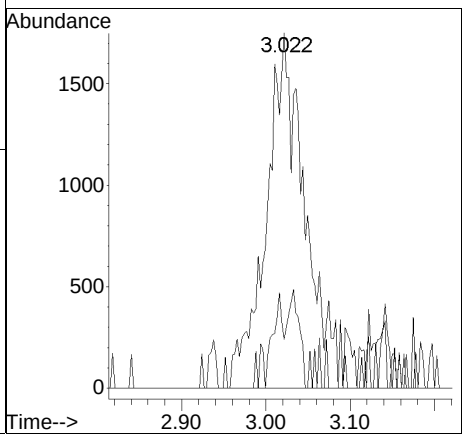


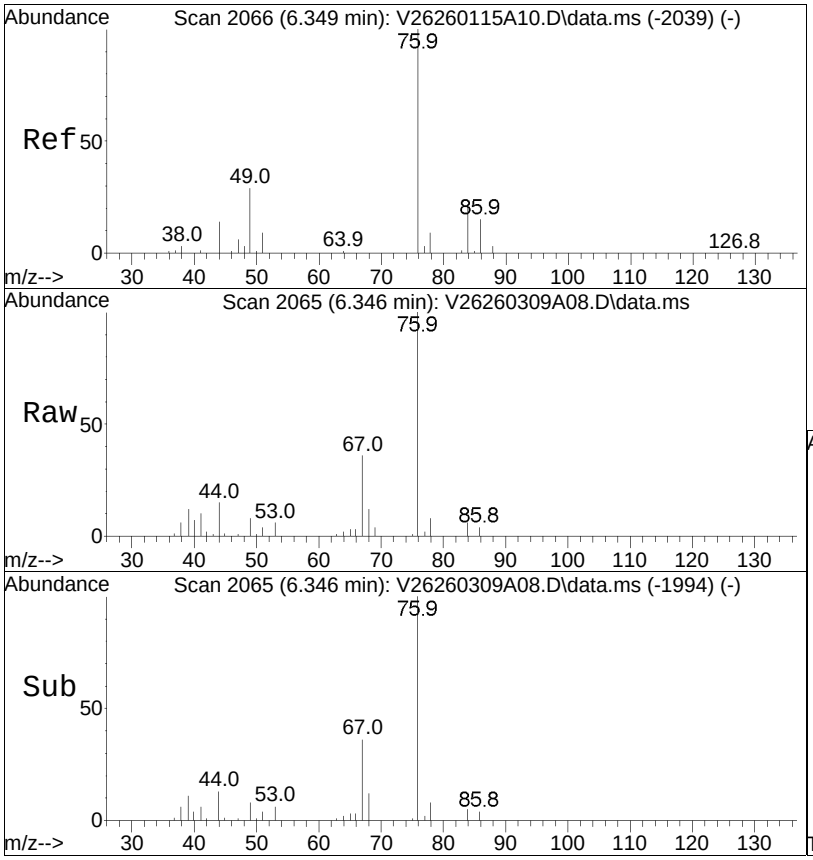


#4
Chloromethane
Concen: 0.35 ug/L M3
RT: 3.022 min Scan# 873
Delta R.T. -0.003 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion: 50 Resp: 6067

Ion	Ratio	Lower	Upper
50	100		
52	6.4	12.5	52.5#
47	0.0	0.0	27.8

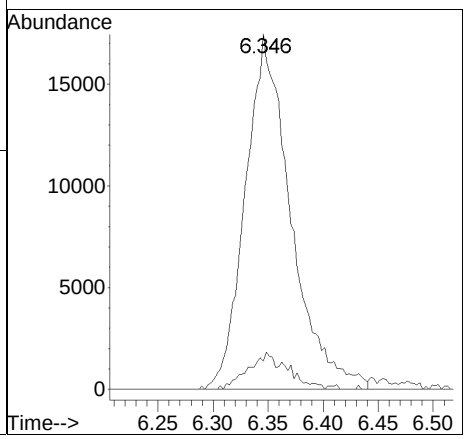


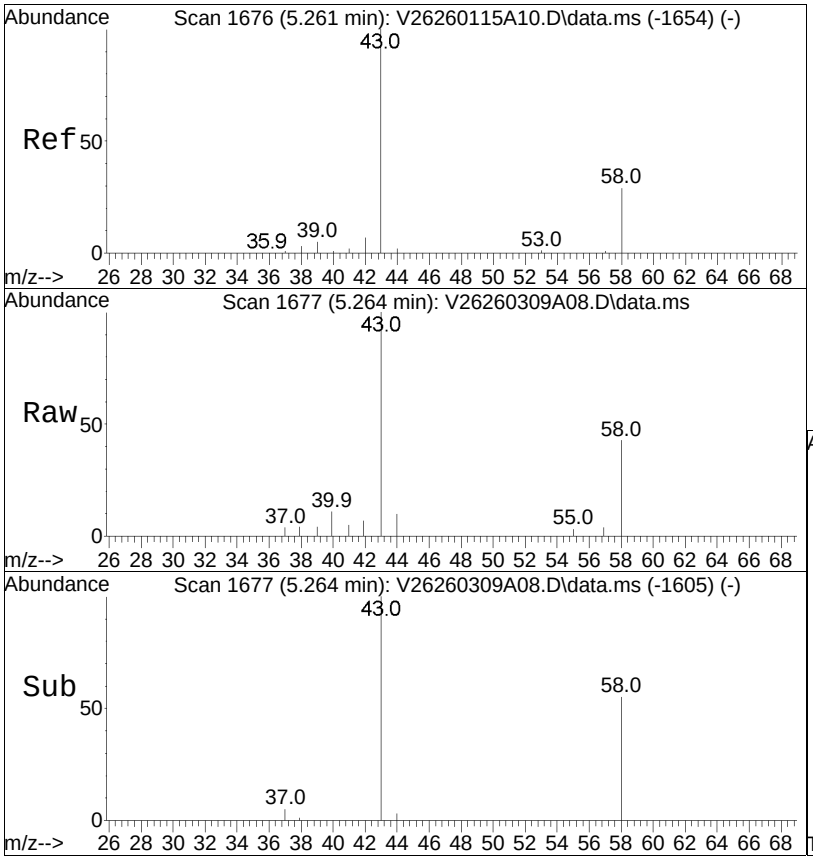


#12
Carbon disulfide
Concen: 1.07 ug/L
RT: 6.346 min Scan# 2065
Delta R.T. -0.003 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion: 76 Resp: 50195

Ion	Ratio	Lower	Upper
76	100		
78	9.0	5.9	12.3

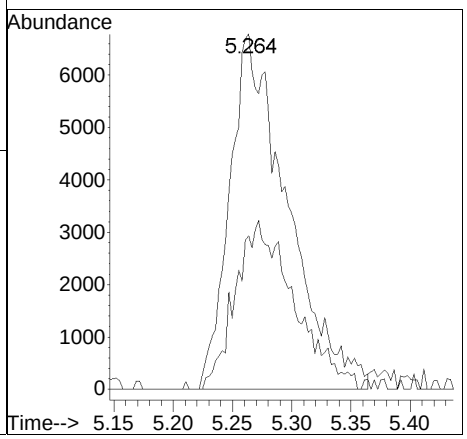


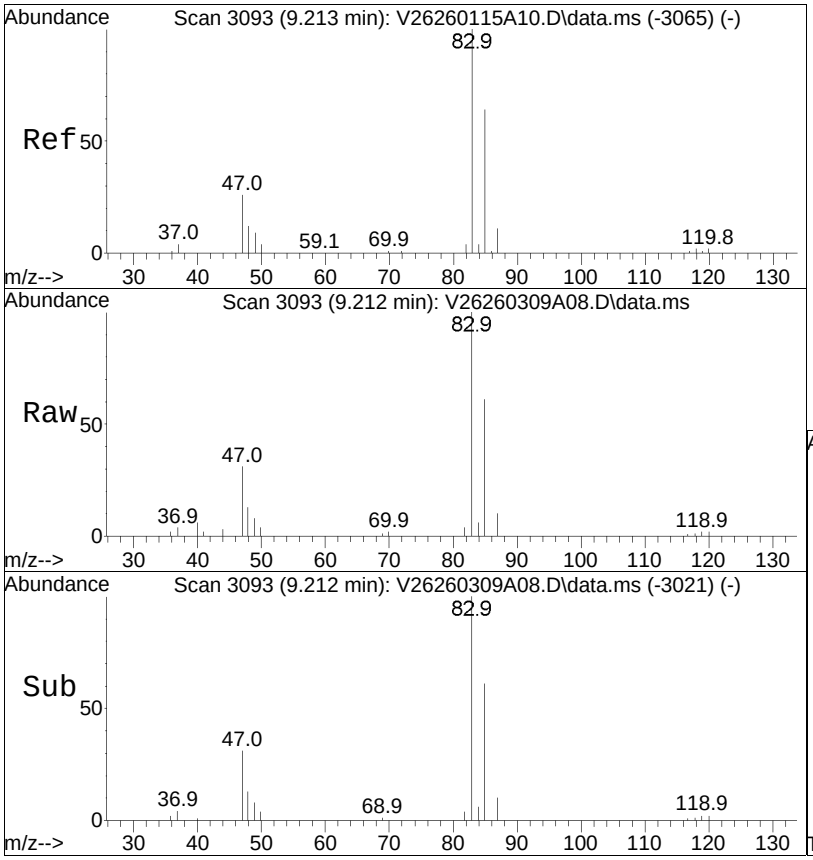


#19
Acetone
Concen: 4.07 ug/L
RT: 5.264 min Scan# 1677
Delta R.T. 0.003 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion: 43 Resp: 23023

Ion	Ratio	Lower	Upper
43	100		
58	48.3	24.6	37.0#

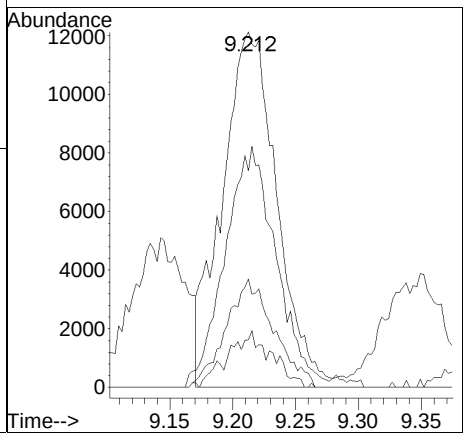


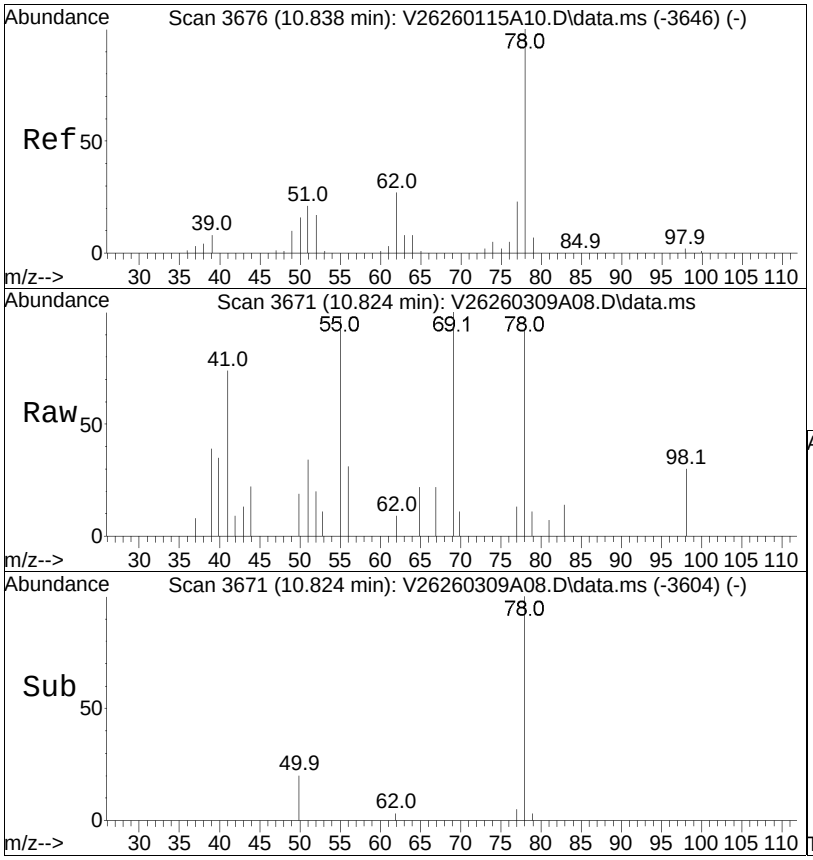


#35
Chloroform
Concen: 1.29 ug/L
RT: 9.212 min Scan# 3093
Delta R.T. -0.000 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion: 83 Resp: 37027

Ion	Ratio	Lower	Upper
83	100		
85	62.9	42.3	87.9
47	26.5	17.3	35.9
48	10.8	8.3	17.3

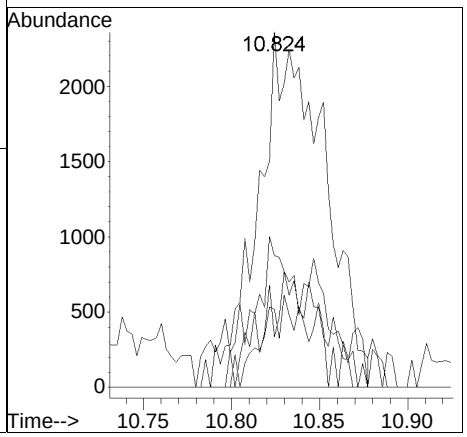


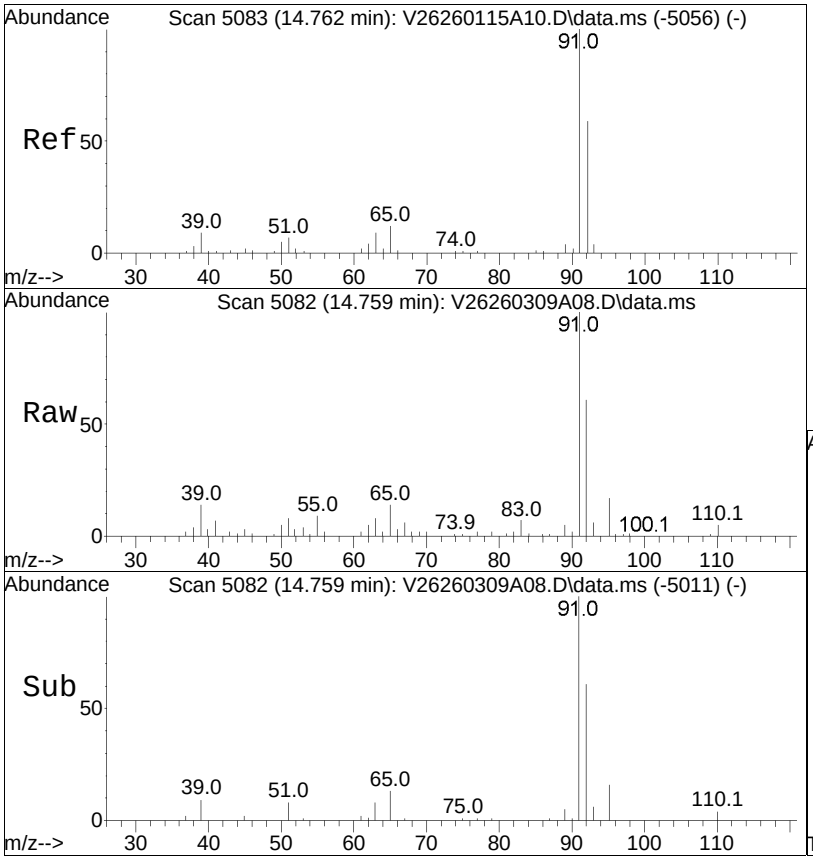


#45
Benzene
Concen: 0.11 ug/L
RT: 10.824 min Scan# 3671
Delta R.T. -0.014 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion: 78 Resp: 6187

Ion	Ratio	Lower	Upper
78	100		
77	4.4	15.6	32.4#
51	0.0	14.3	29.7#
52	7.1	11.9	24.7#

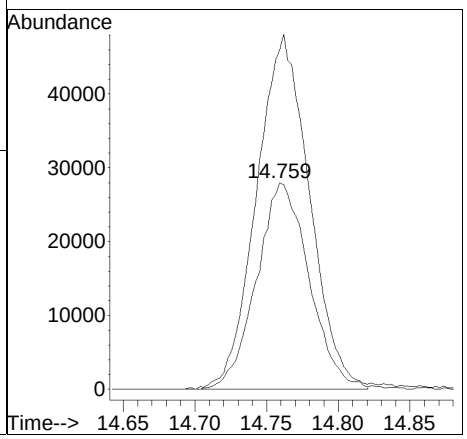


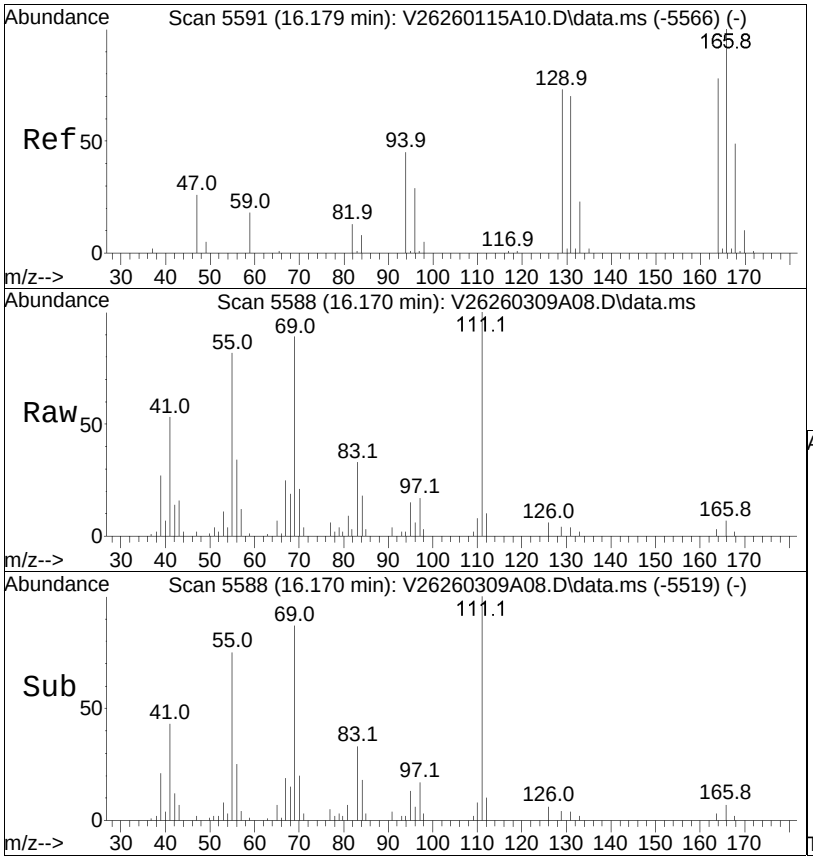


#66
Toluene
Concen: 1.96 ug/L
RT: 14.759 min Scan# 5082
Delta R.T. -0.003 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion: 92 Resp: 71283

Ion	Ratio	Lower	Upper
92	100		
91	174.5	132.2	198.2

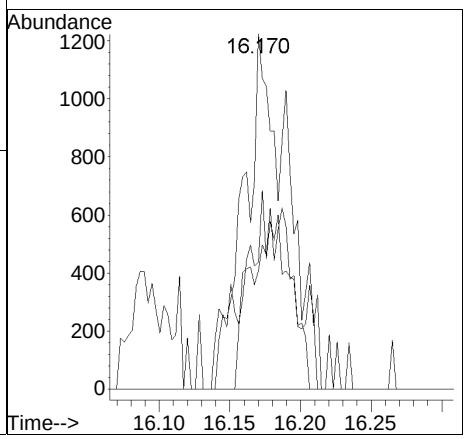


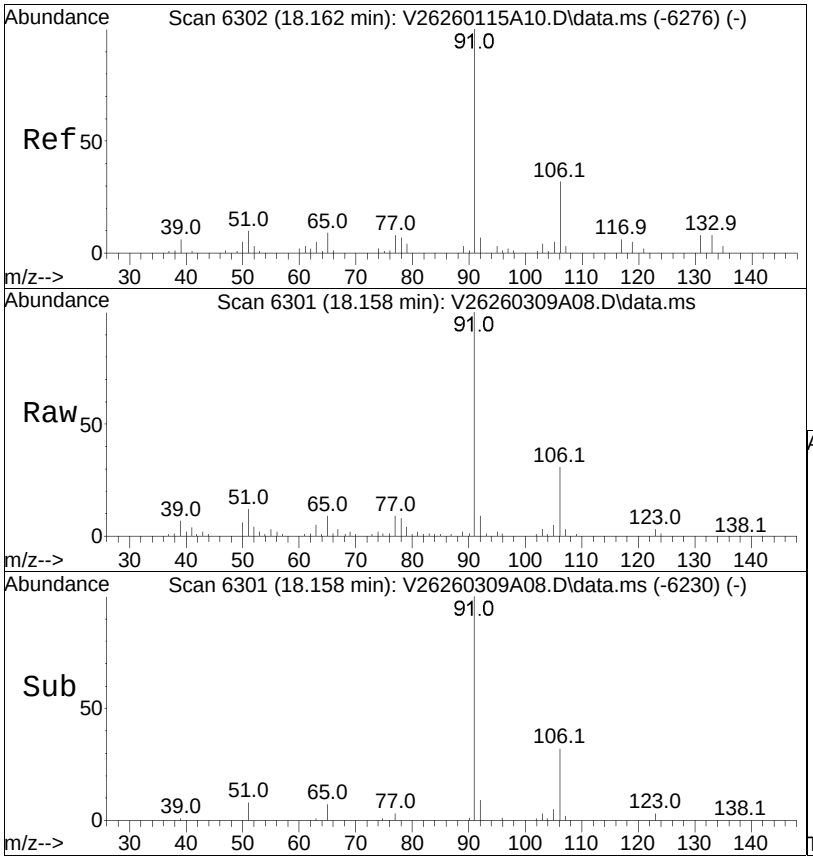


#68
Tetrachloroethene
Concen: 0.17 ug/L M3
RT: 16.170 min Scan# 5588
Delta R.T. -0.009 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion:166 Resp: 2698

Ion	Ratio	Lower	Upper
166	100		
168	11.2	27.8	67.8#
94	9.3	24.4	64.4#

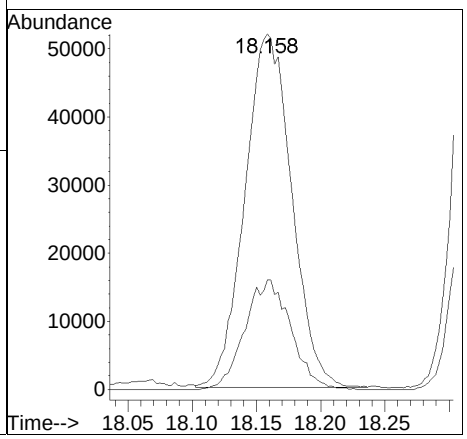


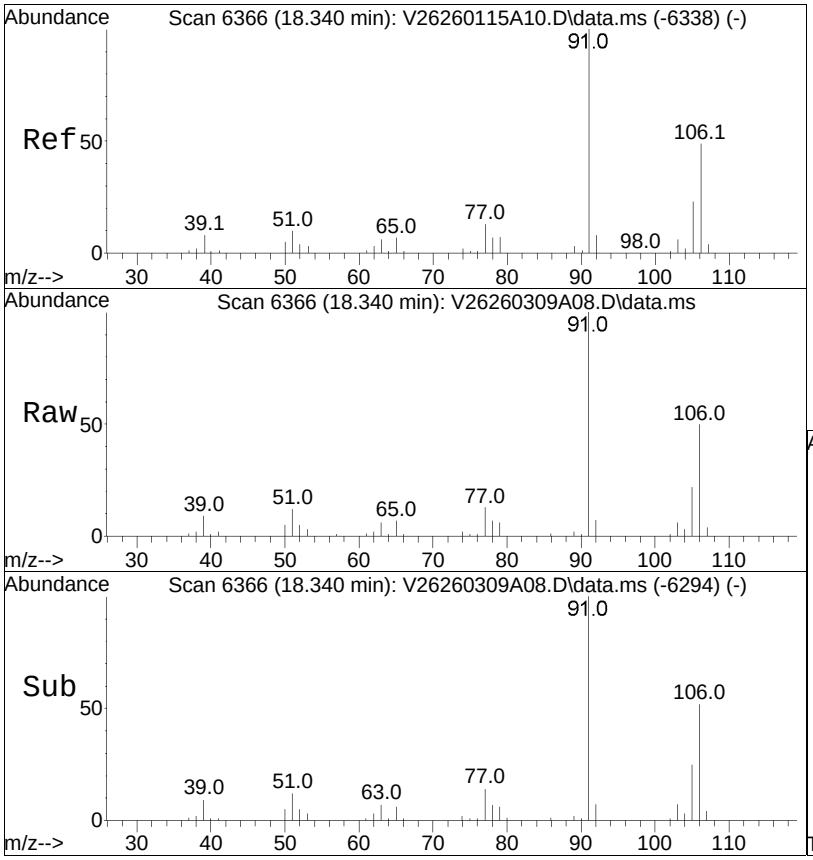


#83
Ethylbenzene
Concen: 1.90 ug/L
RT: 18.158 min Scan# 6301
Delta R.T. -0.003 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion: 91 Resp: 131550

Ion	Ratio	Lower	Upper
91	100		
106	30.4	26.6	39.8

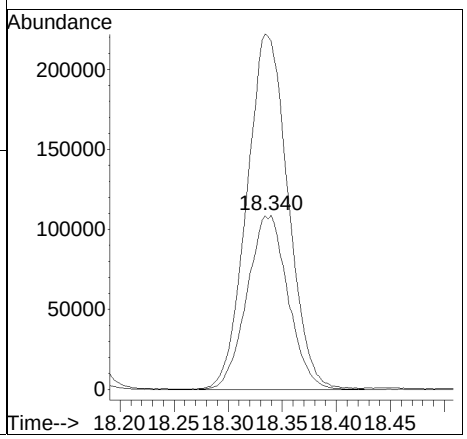


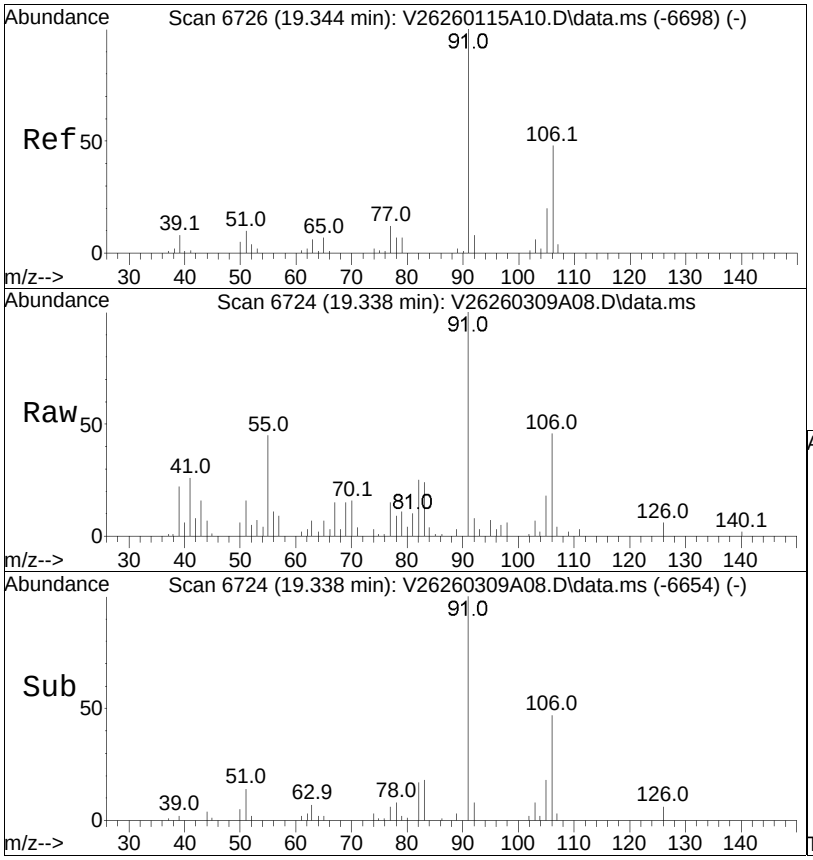


#85
p/m Xylene
Concen: 10.75 ug/L
RT: 18.340 min Scan# 6366
Delta R.T. -0.000 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion:106 Resp: 286547

Ion	Ratio	Lower	Upper
106	100		
91	204.8	147.9	221.9

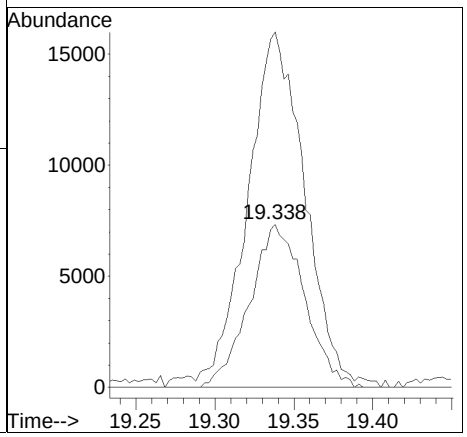


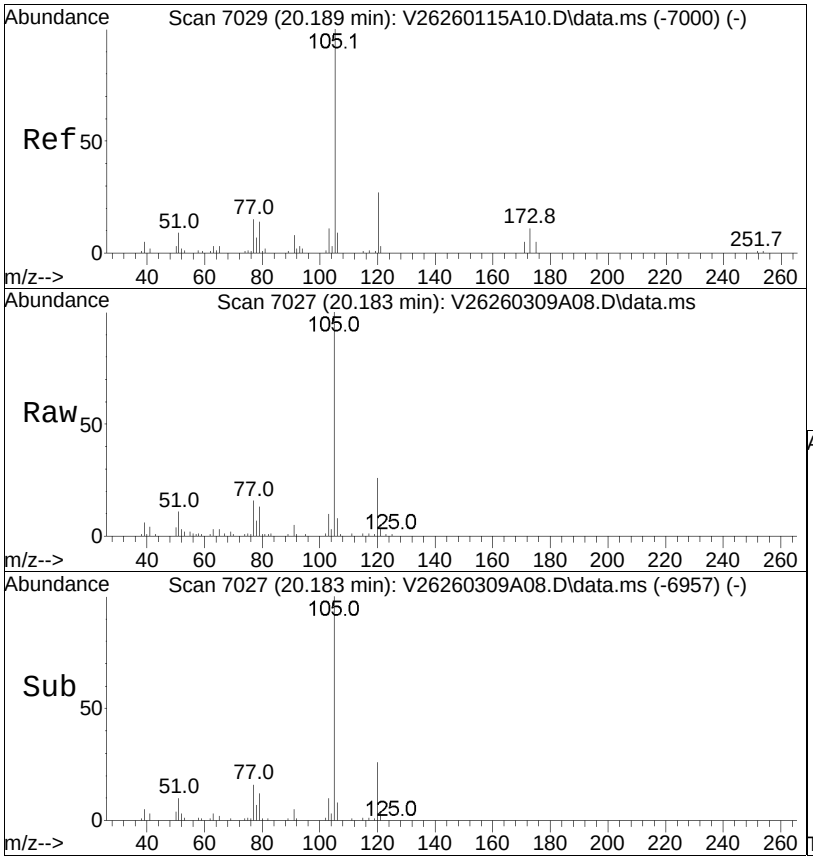


#86
o Xylene
Concen: 0.70 ug/L
RT: 19.338 min Scan# 6724
Delta R.T. -0.006 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion:106 Resp: 17772

Ion	Ratio	Lower	Upper
106	100		
91	227.0	155.0	232.6

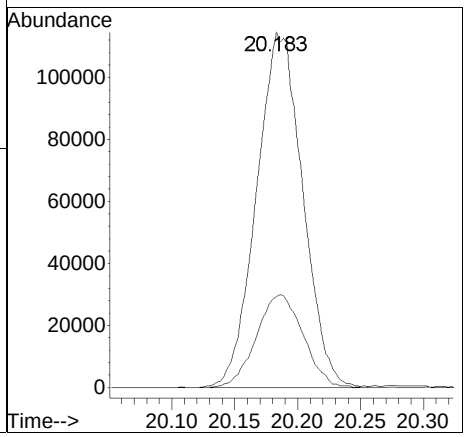


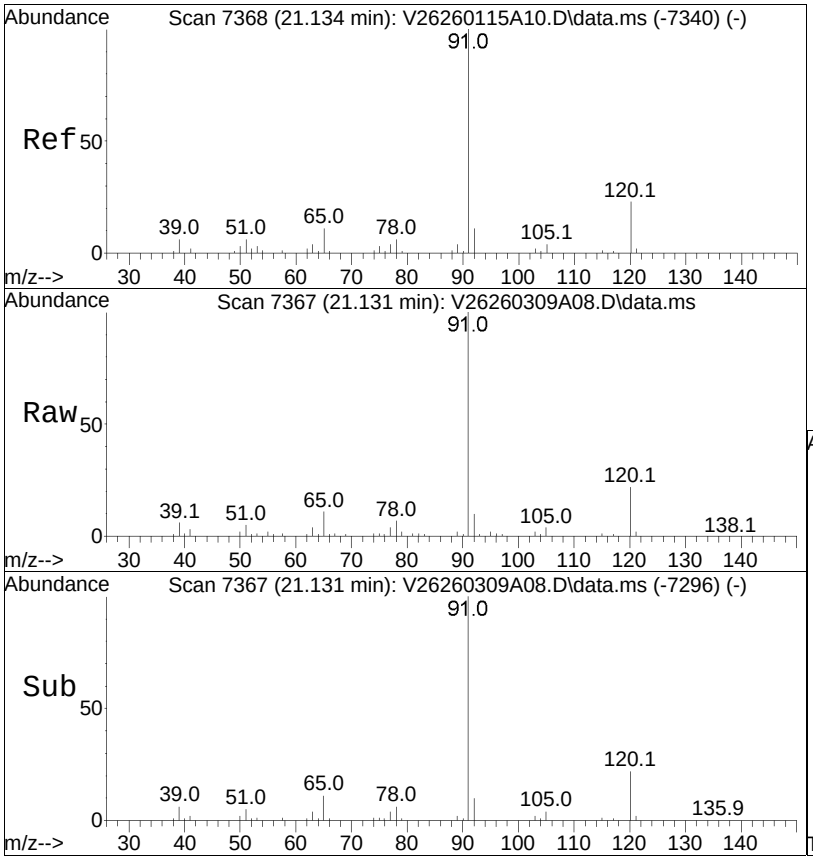


#91
Isopropylbenzene
Concen: 4.50 ug/L
RT: 20.183 min Scan# 7027
Delta R.T. -0.006 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion:105 Resp: 292131

Ion	Ratio	Lower	Upper
105	100		
120	26.4	8.4	48.4

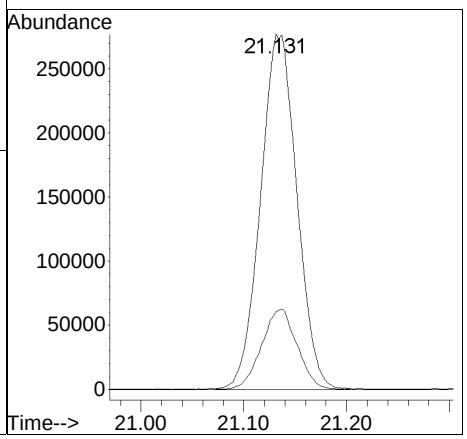


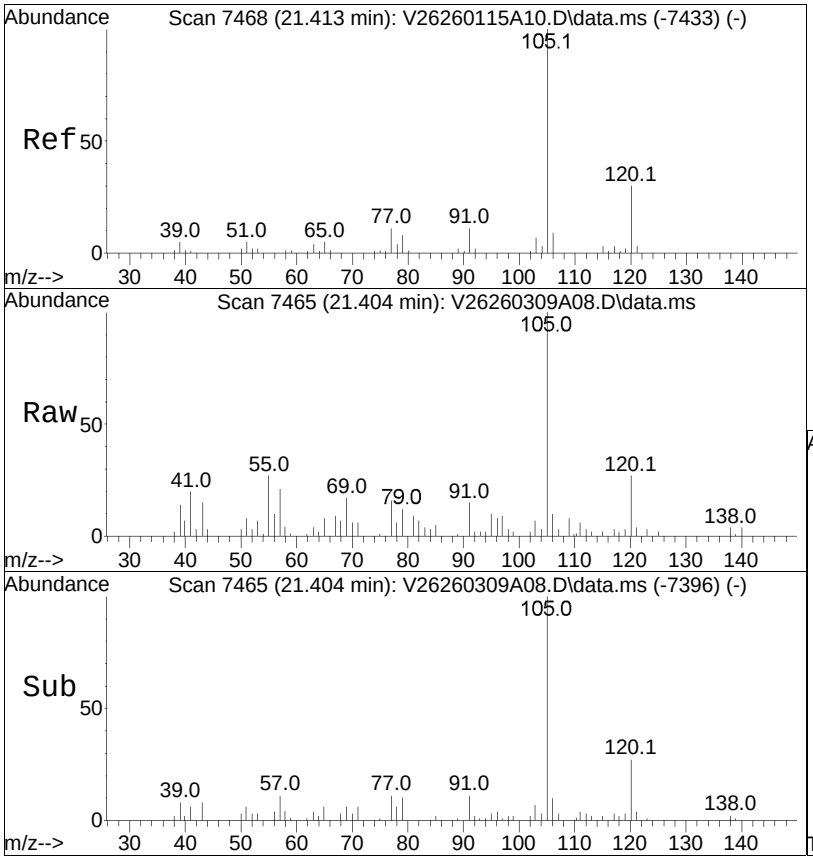


#95
n-Propylbenzene
Concen: 9.03 ug/L
RT: 21.131 min Scan# 7367
Delta R.T. -0.003 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion: 91 Resp: 682489

Ion	Ratio	Lower	Upper
91	100		
120	22.0	19.9	29.9

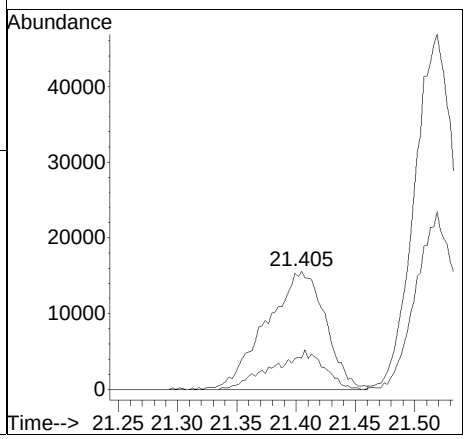


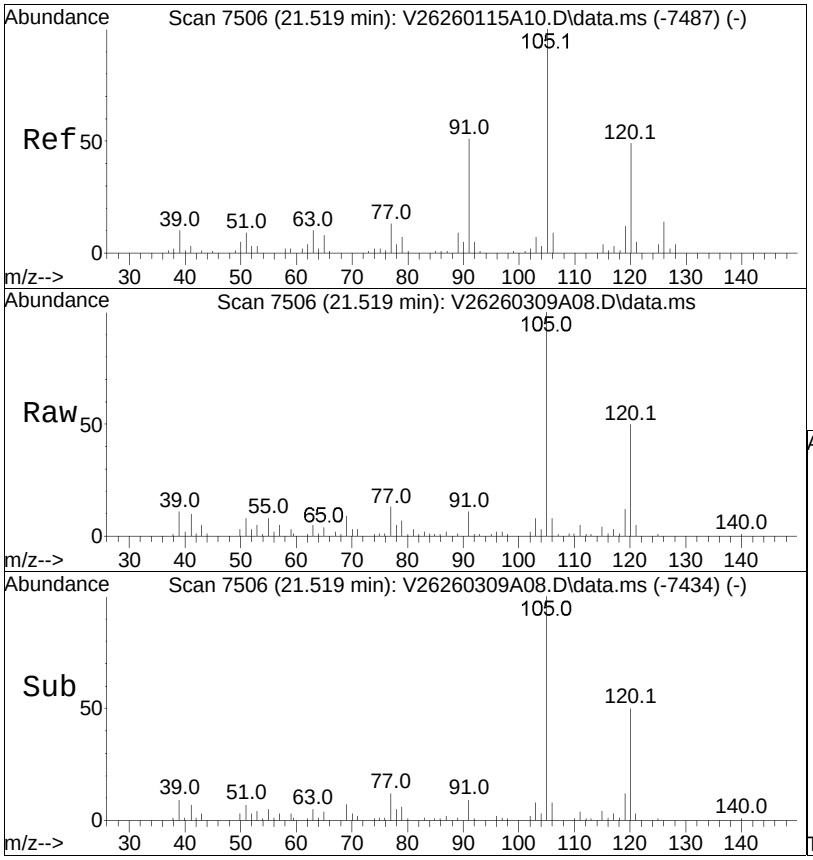


#98
4-Ethyltoluene
Concen: 0.87 ug/L
RT: 21.404 min Scan# 7465
Delta R.T. -0.009 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion:105 Resp: 53908

Ion	Ratio	Lower	Upper
105	100		
120	17.9	20.5	42.5#

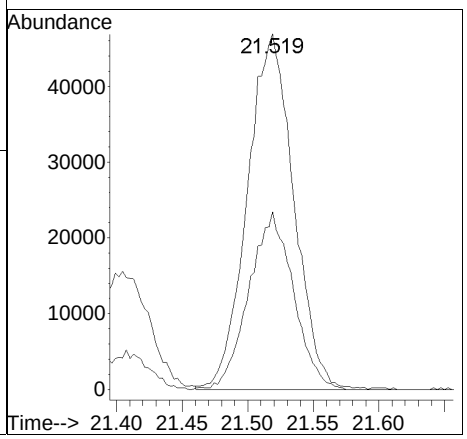


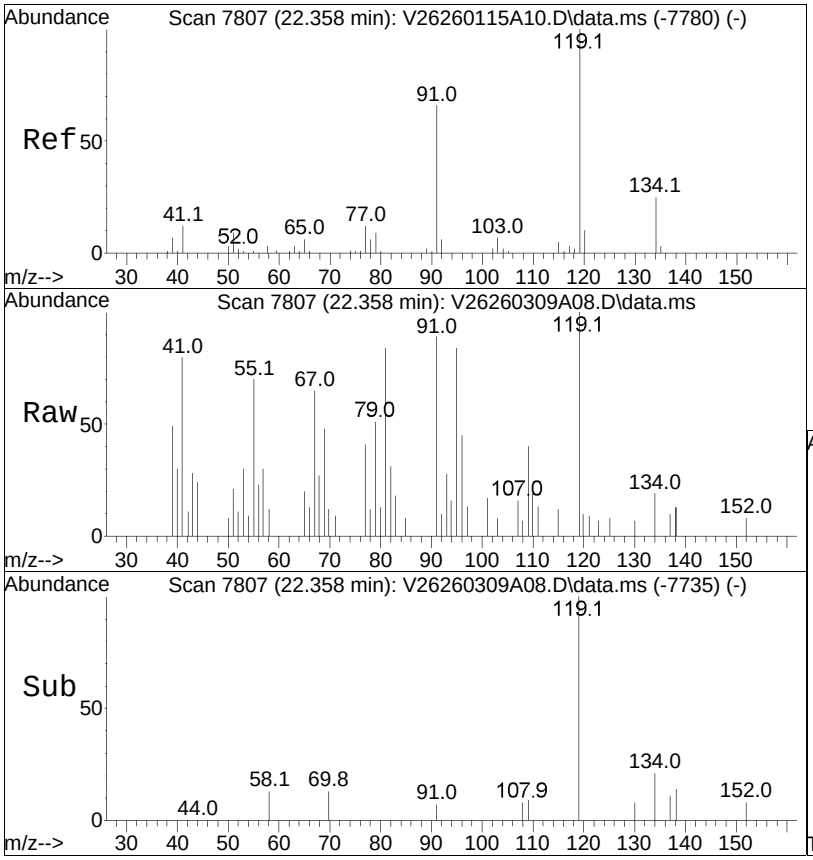


#100
1,3,5-Trimethylbenzene
Concen: 2.19 ug/L
RT: 21.519 min Scan# 7506
Delta R.T. -0.000 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion:105 Resp: 115333

Ion	Ratio	Lower	Upper
105	100		
120	47.8	41.4	62.0

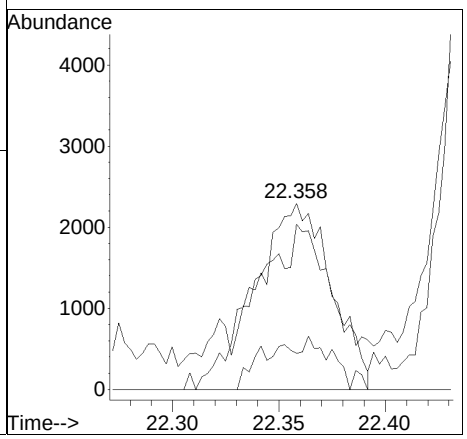


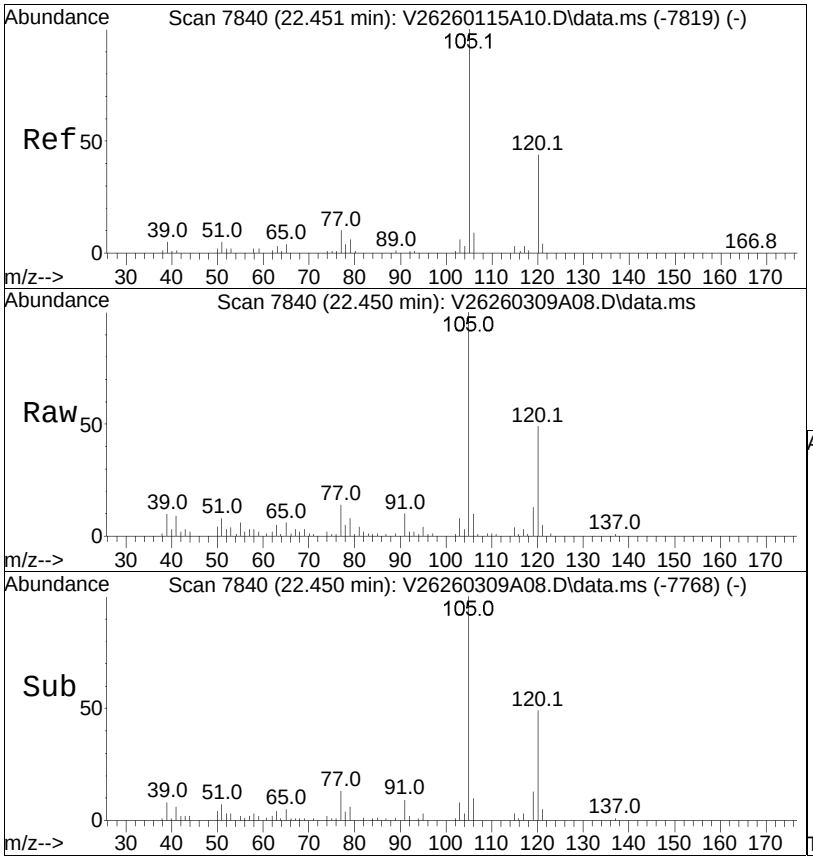


#104
tert-Butylbenzene
Concen: 0.13 ug/L
RT: 22.358 min Scan# 7807
Delta R.T. -0.000 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion:119 Resp: 5745

Ion	Ratio	Lower	Upper
119	100		
91	40.2	52.6	79.0#
134	10.6	20.7	31.1#

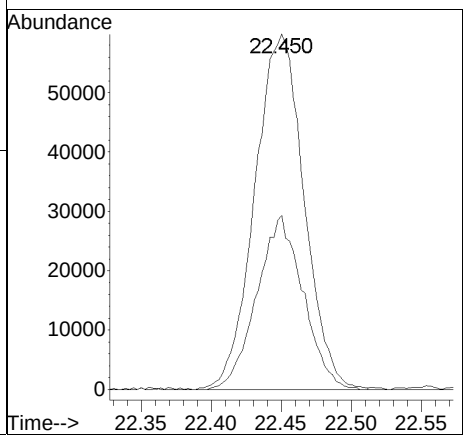


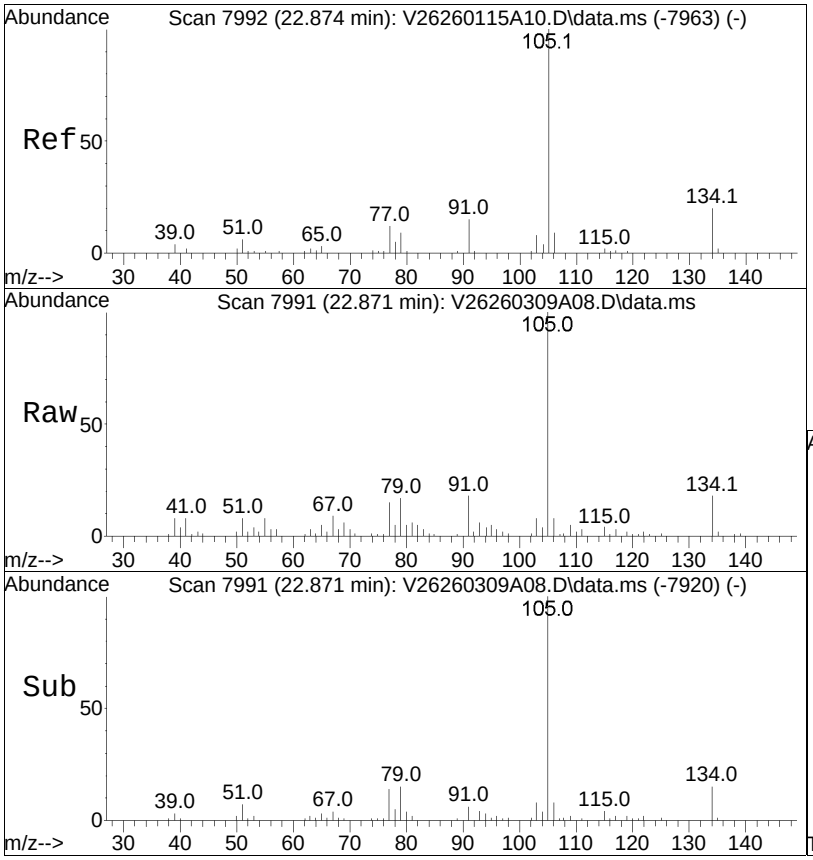


#107
1,2,4-Trimethylbenzene
Concen: 2.87 ug/L
RT: 22.450 min Scan# 7840
Delta R.T. -0.000 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion:105 Resp: 146462

Ion	Ratio	Lower	Upper
105	100		
120	45.9	38.7	58.1

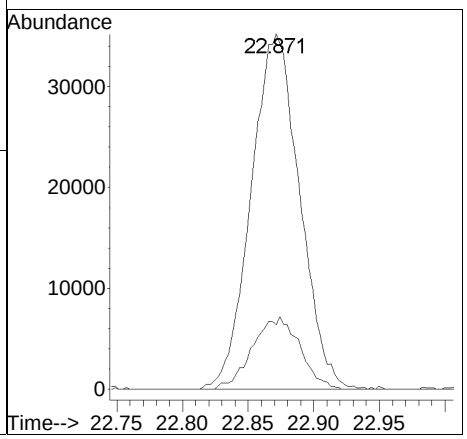


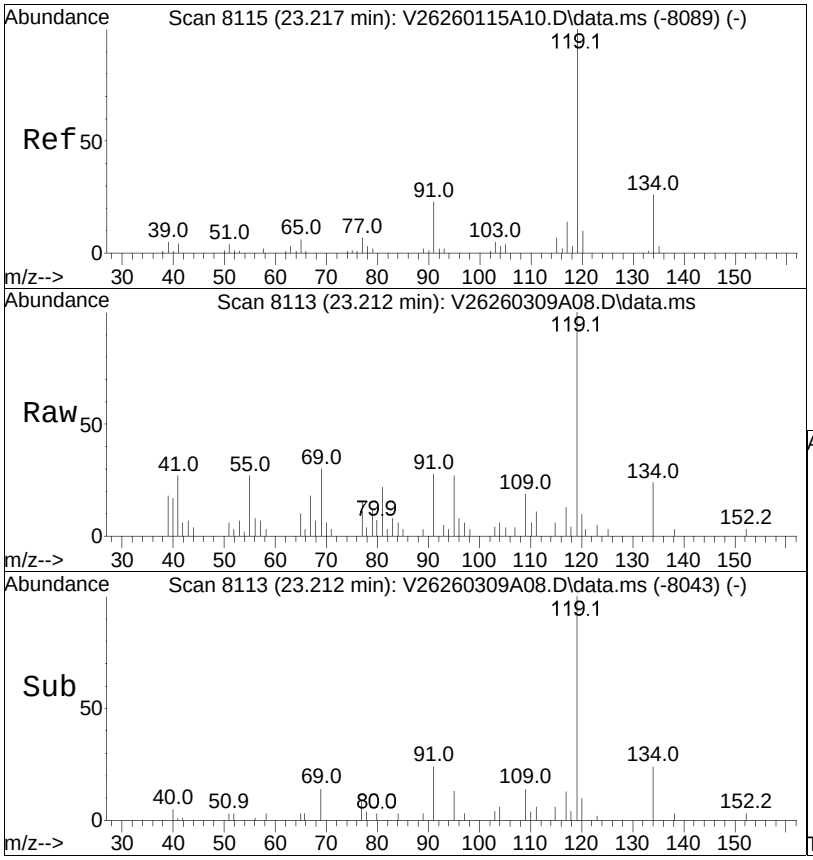


#109
sec-Butylbenzene
Concen: 1.36 ug/L
RT: 22.871 min Scan# 7991
Delta R.T. -0.003 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion:105 Resp: 90737

Ion	Ratio	Lower	Upper
105	100		
134	19.9	14.0	29.0

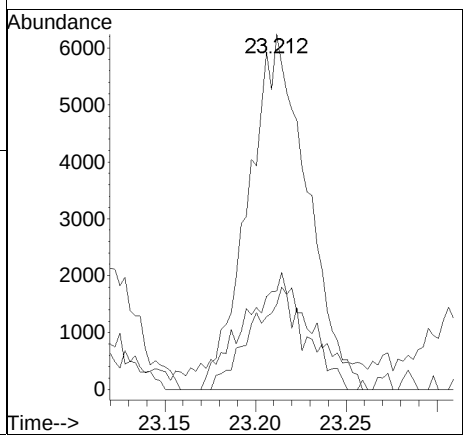


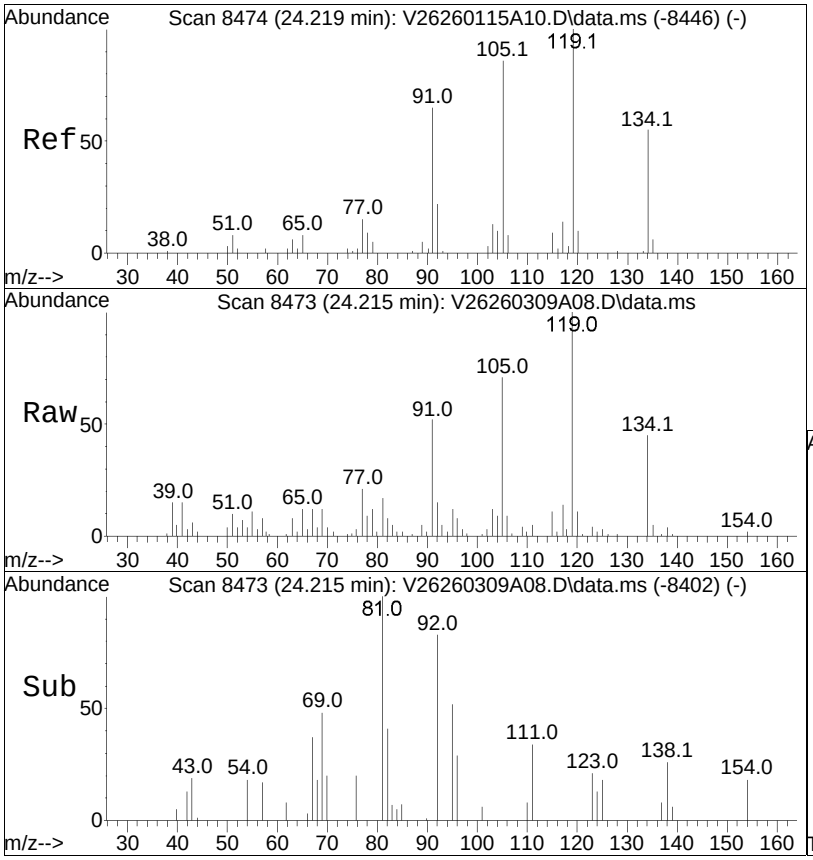


#110
p-Isopropyltoluene
Concen: 0.25 ug/L
RT: 23.212 min Scan# 8113
Delta R.T. -0.006 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion:119 Resp: 14052

Ion	Ratio	Lower	Upper
119	100		
134	16.7	18.0	37.4#
91	30.4	15.3	31.9

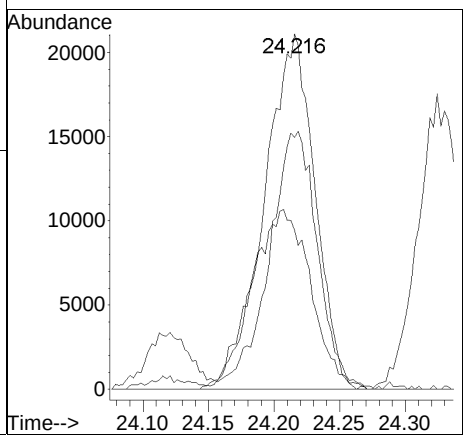


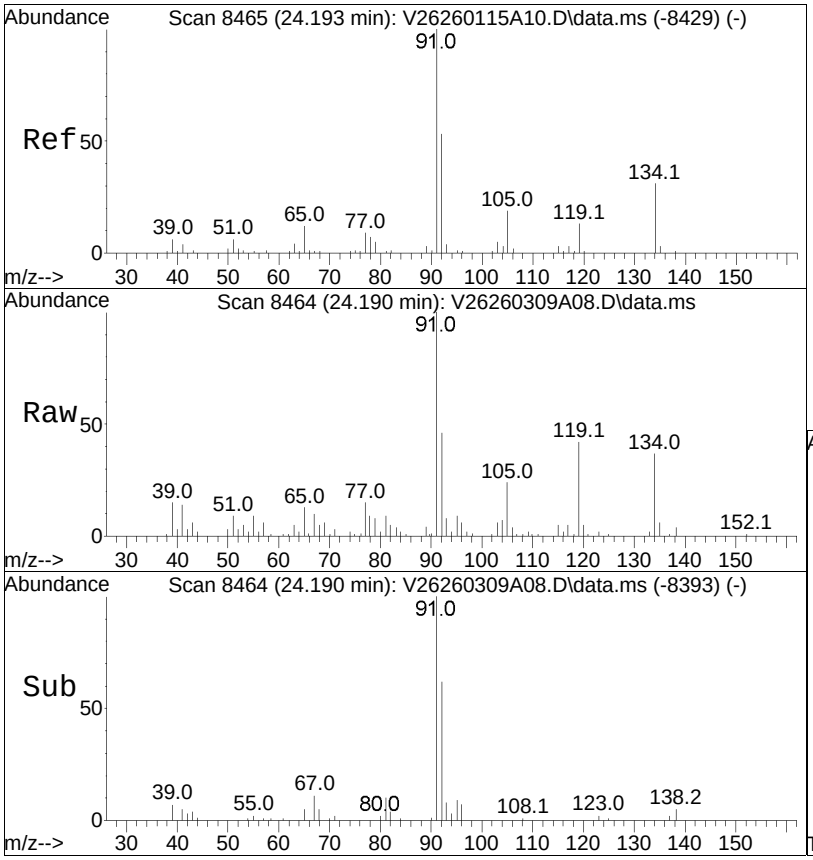


#115
p-Diethylbenzene
Concen: 1.63 ug/L
RT: 24.215 min Scan# 8473
Delta R.T. -0.003 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion:119 Resp: 56689

Ion	Ratio	Lower	Upper
119	100		
105	69.1	62.7	130.3
134	59.1	55.7	115.7

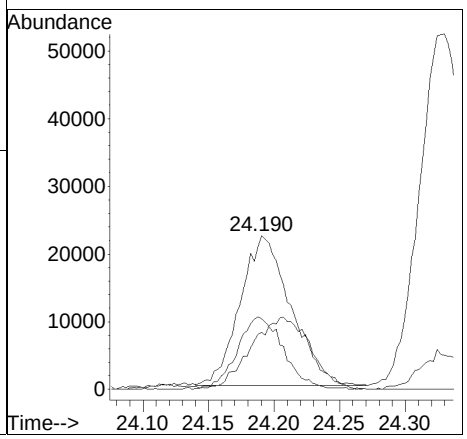


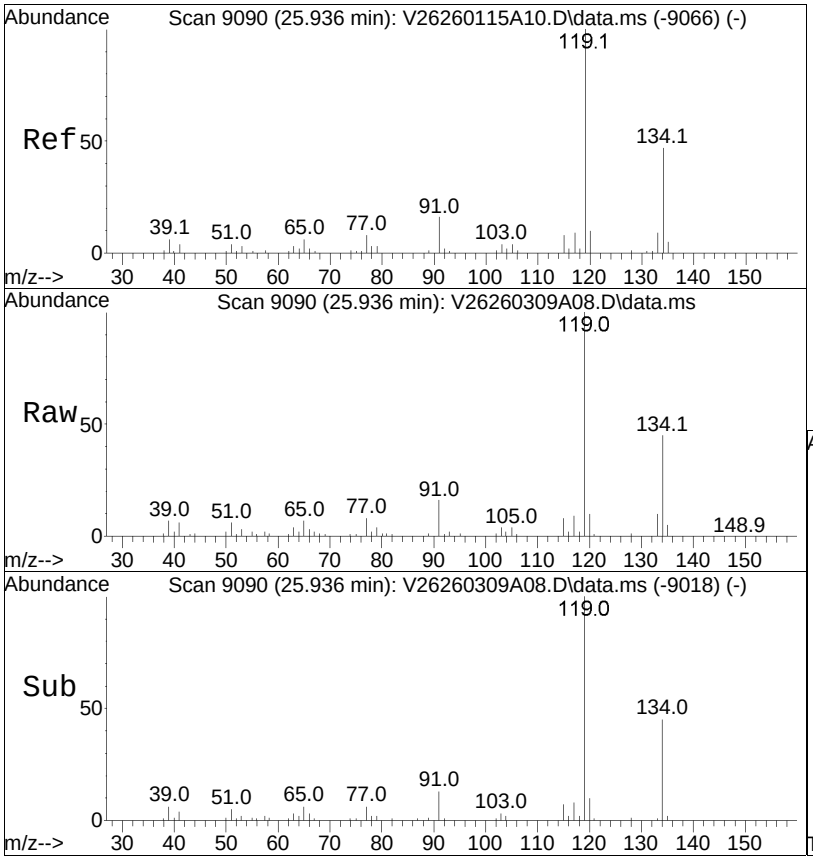


#116
n-Butylbenzene
Concen: 0.93 ug/L
RT: 24.190 min Scan# 8464
Delta R.T. -0.003 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion: 91 Resp: 59528

Ion	Ratio	Lower	Upper
91	100		
92	44.4	38.2	57.4
134	56.3	39.1	58.7

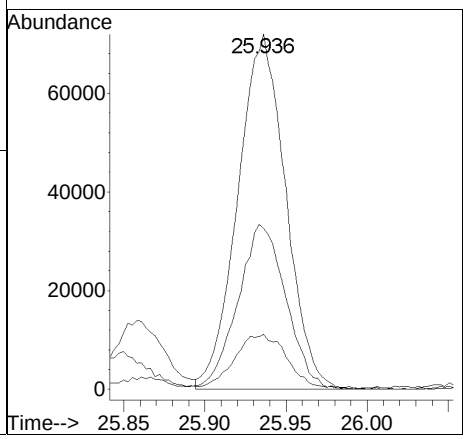


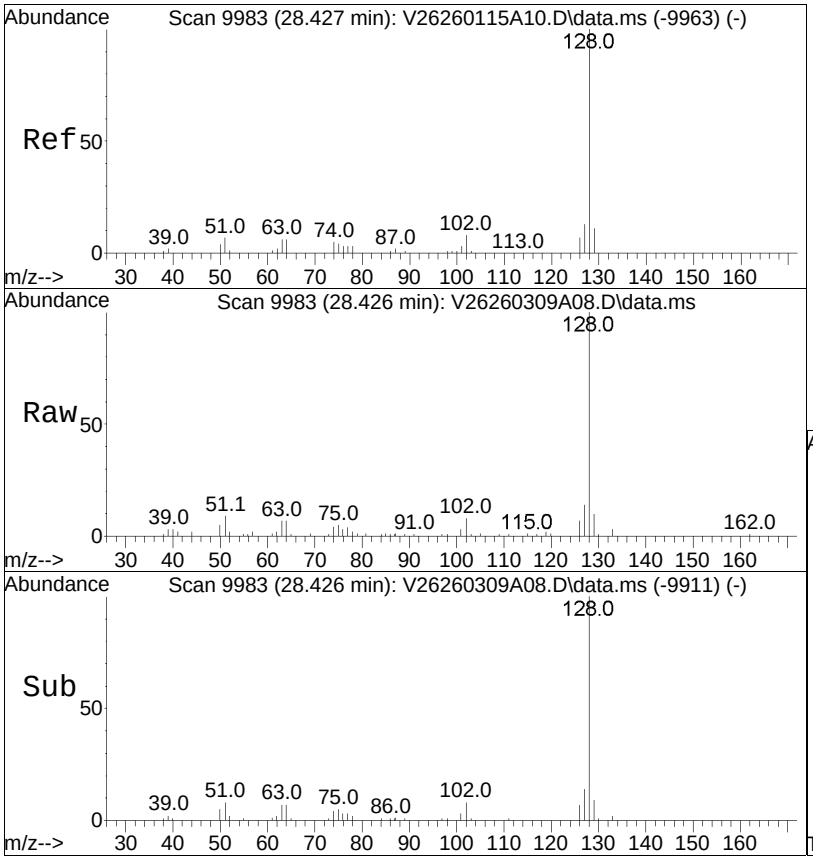


#120
1,2,4,5-Tetramethylbenzene
Concen: 2.94 ug/L
RT: 25.936 min Scan# 9090
Delta R.T. -0.000 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

Tgt Ion:119 Resp: 147744

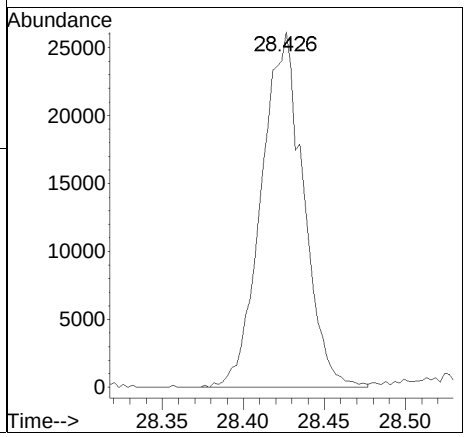
Ion	Ratio	Lower	Upper
119	100		
134	46.9	32.8	68.2
91	16.5	10.7	22.3





#126
Naphthalene
Concen: 1.52 ug/L
RT: 28.426 min Scan# 9983
Delta R.T. -0.000 min
Lab File: V26260309A08.D
Acq: 09 Mar 2026 02:01 pm

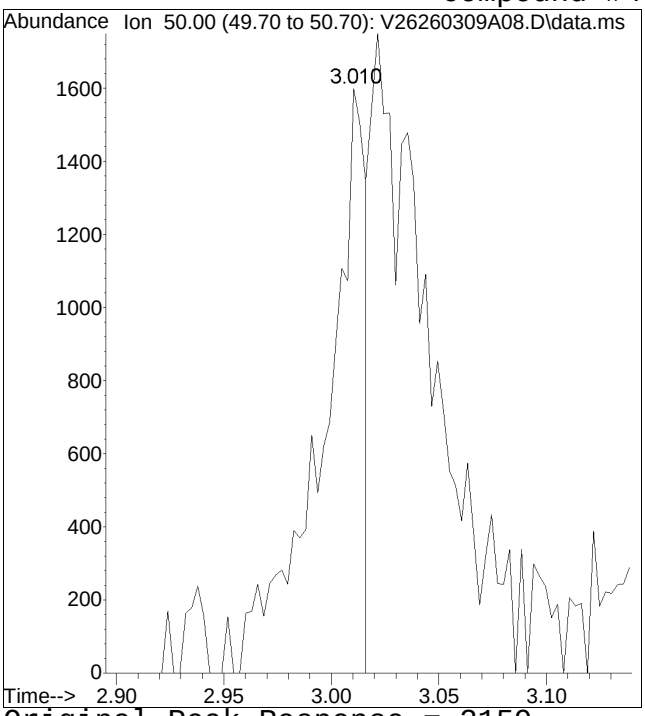
Tgt Ion:128 Resp: 47215



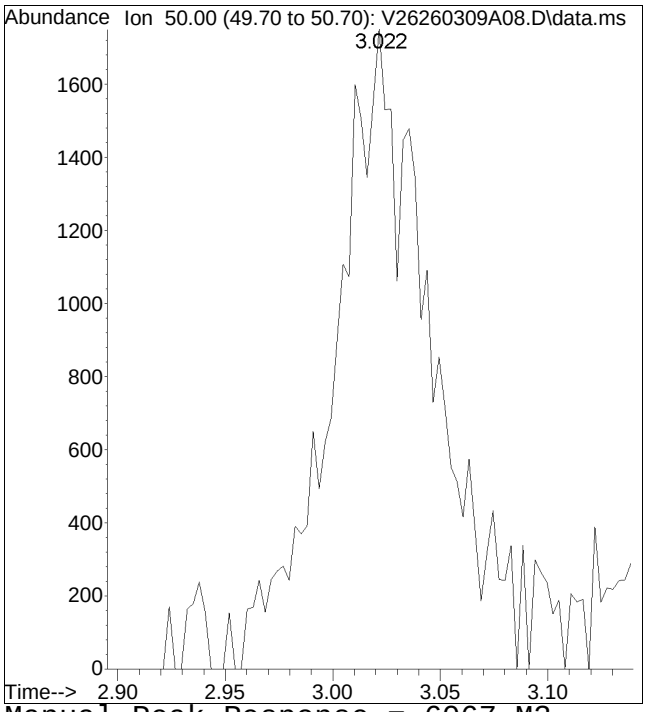
Manual Integration Report

Data Path : K:\VOA126\2026\260309A\ QMethod : V126_260115A_8260.m
Data File : V26260309A08.D Operator : VOA126:BAD
Date Inj'd : 3/9/2026 2:01 pm Instrument : VOA126
Sample : L2612196-02,31,5.56,5,,C,3 Quant Date : 3/10/2026 8:32 am

Compound #4: Chloromethane



Original Peak Response = 2159
M3 = Wrong Peak Identified

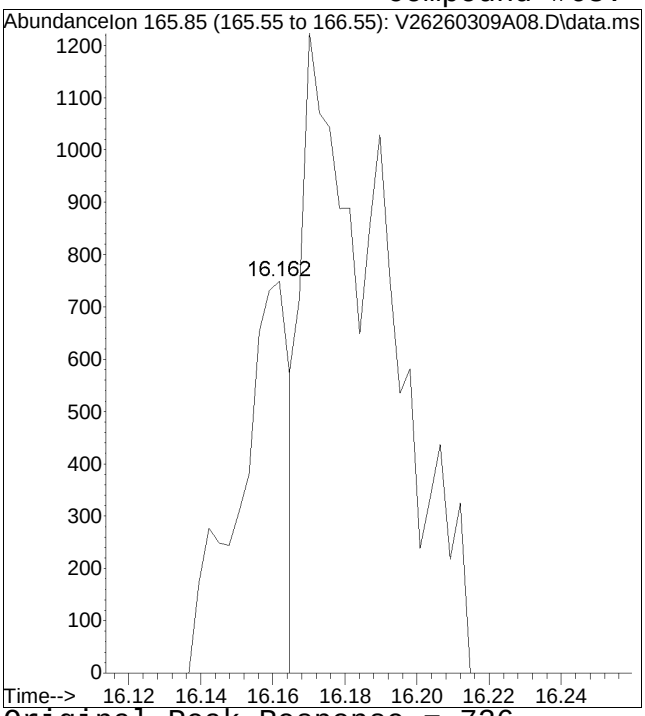


Manual Peak Response = 6067 M3

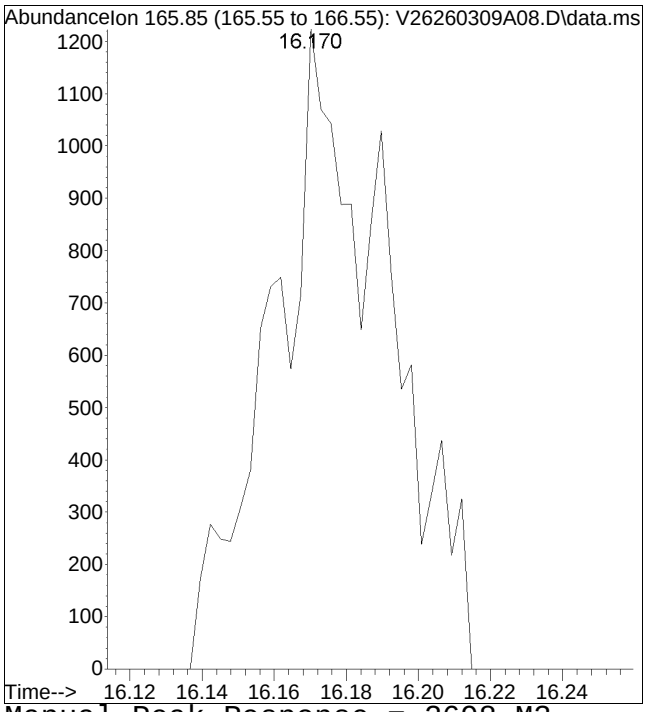
Manual Integration Report

Data Path : K:\VOA126\2026\260309A\ QMethod : V126_260115A_8260.m
Data File : V26260309A08.D Operator : VOA126:BAD
Date Inj'd : 3/9/2026 2:01 pm Instrument : VOA126
Sample : L2612196-02,31,5.56,5,,C,3 Quant Date : 3/10/2026 8:32 am

Compound #68: Tetrachloroethene



Original Peak Response = 726



Manual Peak Response = 2698 M3

M3 = Wrong Peak Identified

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A09.D
Acq On : 09 Mar 2026 02:39 pm
Operator : VOA126:BAD
Sample : L2612196-03,31,5.75,5,,B,32.56,38.56,0.25
Misc : WG2183398,ICAL22967
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 10 09:06:17 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	11.271	96	1128902	20.000 ug/L	0.00
Standard Area 1 = 1096647			Recovery	= 102.94%	
63) Chlorobenzene-d5	17.944	117	827305	20.000 ug/L	0.00
Standard Area 1 = 791330			Recovery	= 104.55%	
88) 1,4-Dichlorobenzene-d4	23.591	152	385978	20.000 ug/L	0.00
Standard Area 1 = 374599			Recovery	= 103.04%	
System Monitoring Compounds					
39) Dibromofluoromethane	9.642	113	273699	19.669 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 98.34%	
47) 1,2-Dichloroethane-d4	10.637	65	284808	20.700 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 103.50%	
65) Toluene-d8	14.592	98	1146969	21.299 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 106.50%	
92) 4-Bromofluorobenzene	20.772	95	394716	21.049 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 105.24%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.573	85	541	N.D.	
4) Chloromethane	3.013	50	4497M1	0.264 ug/L	
5) Vinyl chloride	0.000		0	N.D.	
6) Bromomethane	3.836	94	39	N.D.	
7) Chloroethane	3.934	64	66	N.D.	
8) Trichlorofluoromethane	0.000		0	N.D.	
9) Ethyl ether	0.000		0	N.D.	
11) 1,1-Dichloroethene	0.000		0	N.D.	
12) Carbon disulfide	6.343	76	51876	1.130 ug/L	99
17) Methylene chloride	6.360	84	2353	0.145 ug/L #	50
19) Acetone	5.278	43	16154	1.981 ug/L #	1
20) trans-1,2-Dichloroethene	6.915	96	91	N.D.	
23) Methyl tert-butyl ether	6.683	73	29	N.D.	
26) 1,1-Dichloroethane	7.748	63	26	N.D.	
28) Acrylonitrile	0.000		0	N.D.	
30) Vinyl acetate	0.000		0	N.D. d	
31) cis-1,2-Dichloroethene	8.903	96	35	N.D.	
32) 2,2-Dichloropropane	0.000		0	N.D.	
33) Bromochloromethane	0.000		0	N.D.	
35) Chloroform	9.212	83	109487	3.895 ug/L	99

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A09.D
Acq On : 09 Mar 2026 02:39 pm
Operator : VOA126:BAD
Sample : L2612196-03,31,5.75,5,,B,32.56,38.56,0.25
Misc : WG2183398,ICAL22967
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 10 09:06:17 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Carbon tetrachloride	0.000		0	N.D.		
40) 1,1,1-Trichloroethane	0.000		0	N.D.		
42) 2-Butanone	0.000		0	N.D.	d	
43) 1,1-Dichloropropene	0.000		0	N.D.		
45) Benzene	10.833	78	4030M1	0.073	ug/L	
48) 1,2-Dichloroethane	10.833	62	65	N.D.		
52) Trichloroethene	0.000		0	N.D.	d	
54) Dibromomethane	0.000		0	N.D.		
55) 1,2-Dichloropropane	12.383	63	55	N.D.		
58) Bromodichloromethane	12.935	83	5746	0.285	ug/L #	53
61) 1,4-Dioxane	0.000		0	N.D.		
62) cis-1,3-Dichloropropene	0.000		0	N.D.		
66) Toluene	14.756	92	24538	0.683	ug/L	94
67) 4-Methyl-2-pentanone	0.000		0	N.D.		
68) Tetrachloroethene	16.179	166	7268M1	0.463	ug/L	
71) trans-1,3-Dichloropropene	0.000		0	N.D.		
75) 1,1,2-Trichloroethane	15.479	83	102	N.D.		
76) Chlorodibromomethane	0.000		0	N.D.		
77) 1,3-Dichloropropane	0.000		0	N.D.		
78) 1,2-Dibromoethane	17.141	107	38	N.D.		
80) 2-Hexanone	0.000		0	N.D.	d	
82) Chlorobenzene	18.041	112	618	N.D.		
83) Ethylbenzene	18.161	91	47282	0.691	ug/L	96
84) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
85) p/m Xylene	18.337	106	60636	2.302	ug/L	86
86) o Xylene	19.347	106	7786M3	0.308	ug/L	
87) Styrene	19.430	104	419	N.D.		
89) Bromoform	20.189	173	34	N.D.		
91) Isopropylbenzene	20.186	105	55434	0.880	ug/L	94
93) Bromobenzene	0.000		0	N.D.		
95) n-Propylbenzene	21.134	91	143046	1.947	ug/L	94
97) 1,1,2,2-Tetrachloroethane	20.618	83	140	N.D.		
98) 4-Ethyltoluene	21.379	105	28544	0.476	ug/L #	61
99) 2-Chlorotoluene	0.000		0	N.D.	d	
100) 1,3,5-Trimethylbenzene	21.522	105	24050	0.470	ug/L	93
101) 1,2,3-Trichloropropane	0.000		0	N.D.		
102) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
103) 4-Chlorotoluene	21.653	91	129	N.D.		
104) tert-Butylbenzene	22.364	119	486	N.D.		

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A09.D
Acq On : 09 Mar 2026 02:39 pm
Operator : VOA126:BAD
Sample : L2612196-03,31,5.75,5,,B,32.56,38.56,0.25
Misc : WG2183398,ICAL22967
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 10 09:06:17 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
107) 1,2,4-Trimethylbenzene	22.450	105	65269	1.314	ug/L		94
109) sec-Butylbenzene	22.877	105	16462	0.254	ug/L		94
110) p-Isopropyltoluene	23.212	119	3658	0.066	ug/L	#	83
111) 1,3-Dichlorobenzene	23.412	146	70	N.D.			
112) 1,4-Dichlorobenzene	23.672	146	107	N.D.			
115) p-Diethylbenzene	24.202	119	21078	0.626	ug/L	#	59
116) n-Butylbenzene	24.188	91	19374	0.312	ug/L		89
118) 1,2-Dichlorobenzene	24.525	146	100	N.D.			
120) 1,2,4,5-Tetramethylben...	25.936	119	50133	1.027	ug/L	#	91
121) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.			
124) Hexachlorobutadiene	0.000		0	N.D.			
125) 1,2,4-Trichlorobenzene	27.975	180	100	N.D.			
126) Naphthalene	28.426	128	30975	1.026	ug/L		100
127) 1,2,3-Trichlorobenzene	28.856	180	64	N.D.			

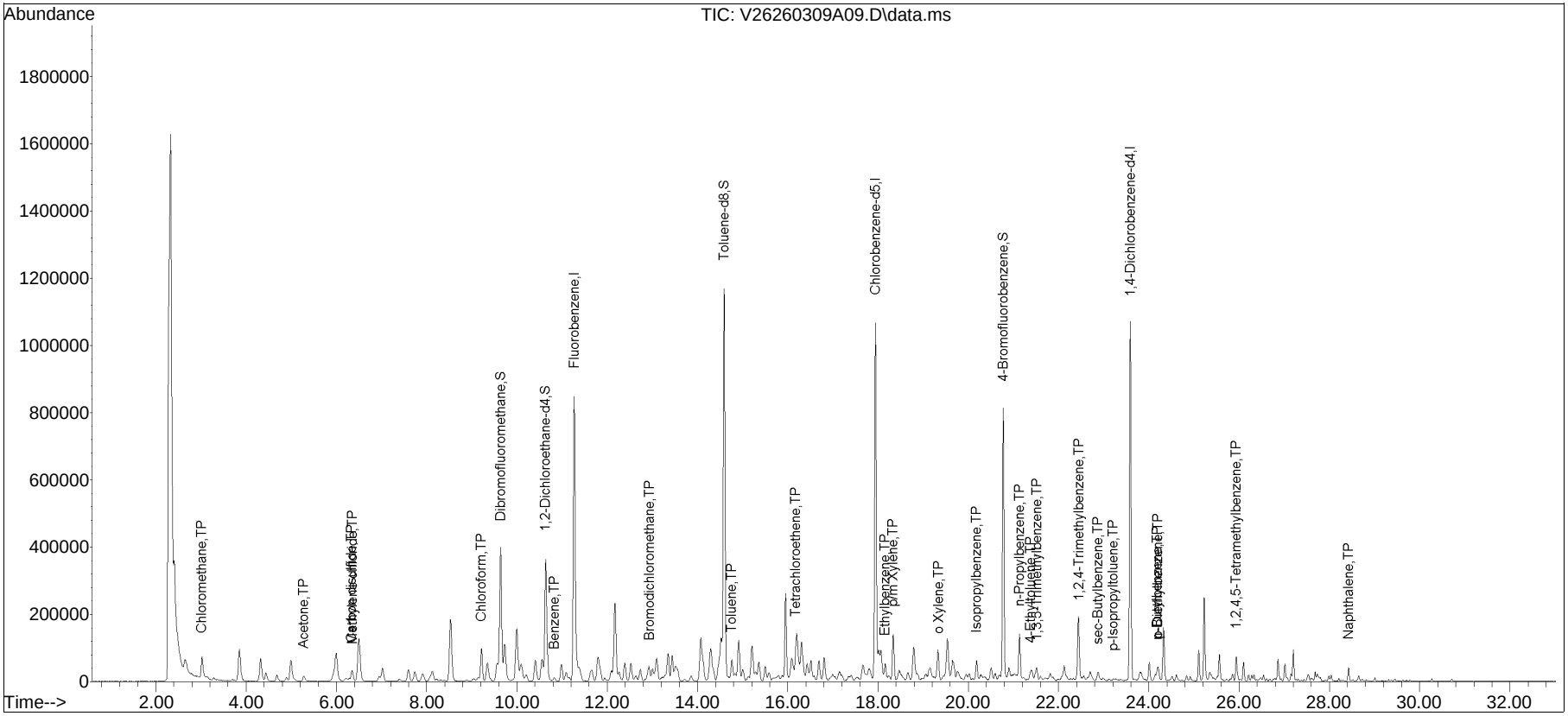
(#) = qualifier out of range (m) = manual integration (+) = signals summed

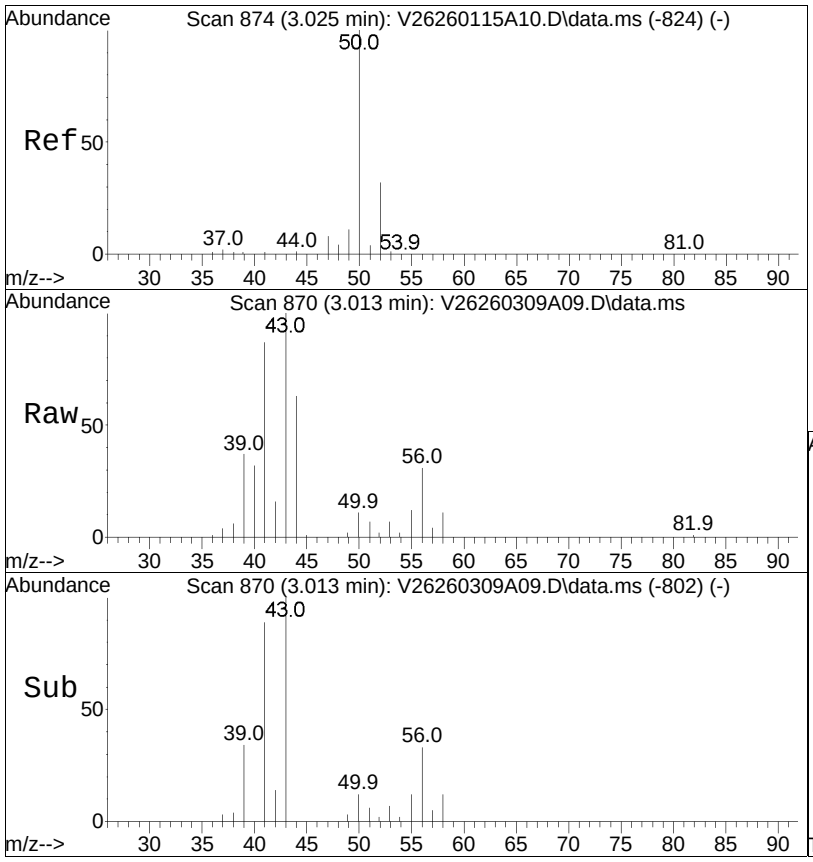
Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A09.D
Acq On : 09 Mar 2026 02:39 pm
Operator : VOA126:BAD
Sample : L2612196-03,31,5.75,5,,B,32.56,38.56,0.25
Misc : WG2183398,ICAL22967
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 10 09:06:17 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox260309A01.D•

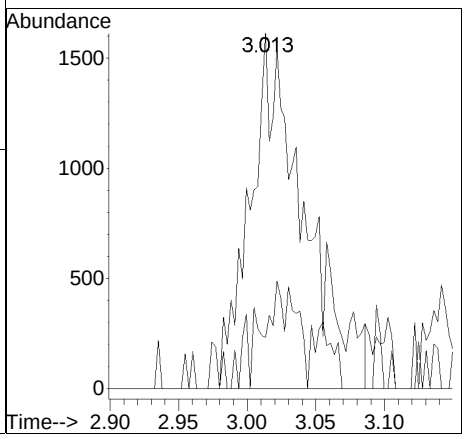


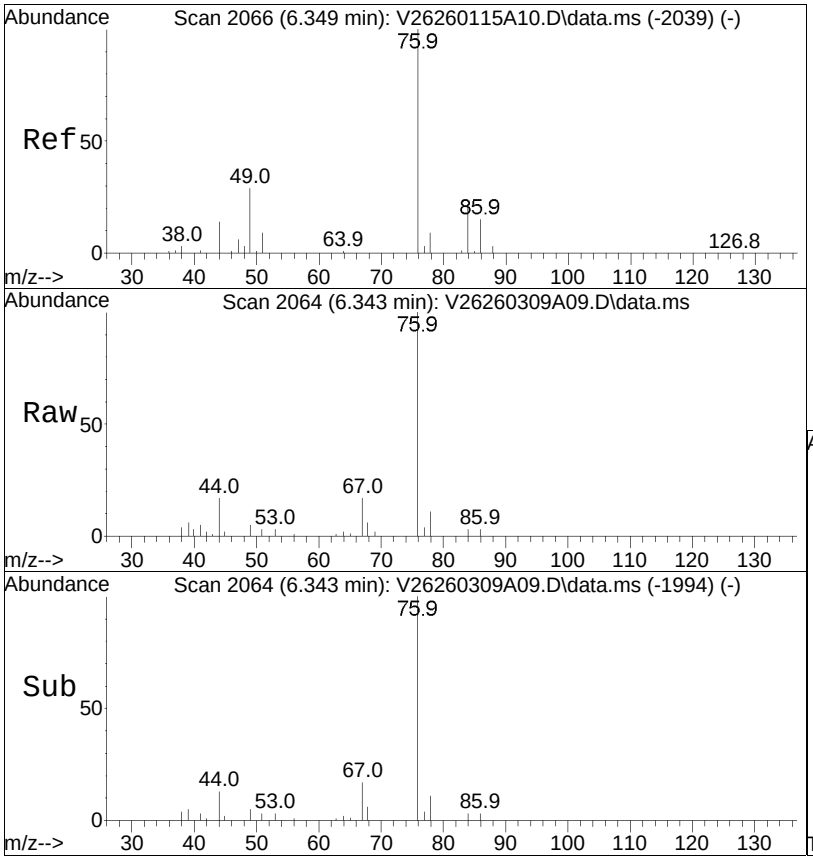


#4
Chloromethane
Concen: 0.26 ug/L M1
RT: 3.013 min Scan# 870
Delta R.T. -0.011 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion: 50 Resp: 4497

Ion	Ratio	Lower	Upper
50	100		
52	2.7	12.5	52.5#
47	0.0	0.0	27.8

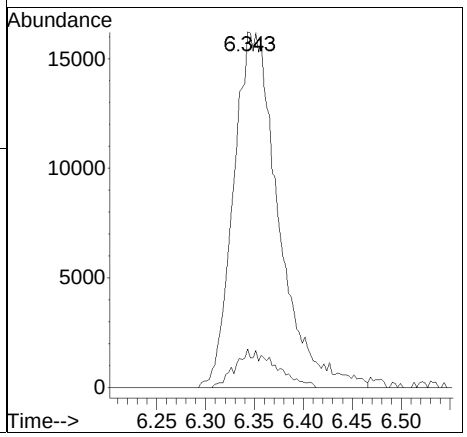


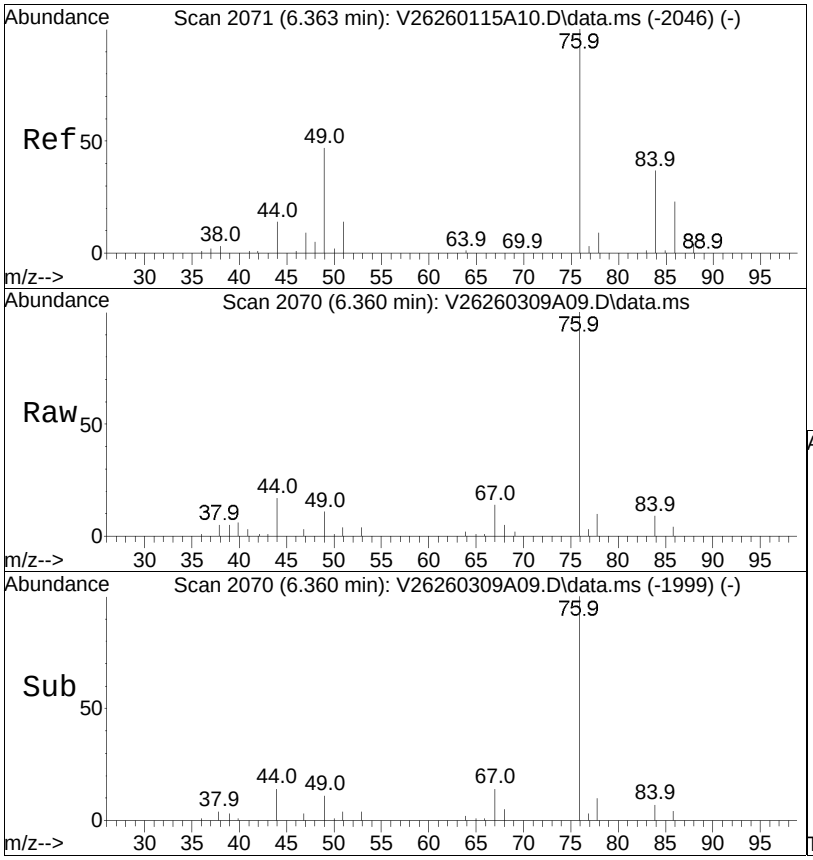


#12
Carbon disulfide
Concen: 1.13 ug/L
RT: 6.343 min Scan# 2064
Delta R.T. -0.006 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion: 76 Resp: 51876

Ion	Ratio	Lower	Upper
76	100		
78	9.5	5.9	12.3

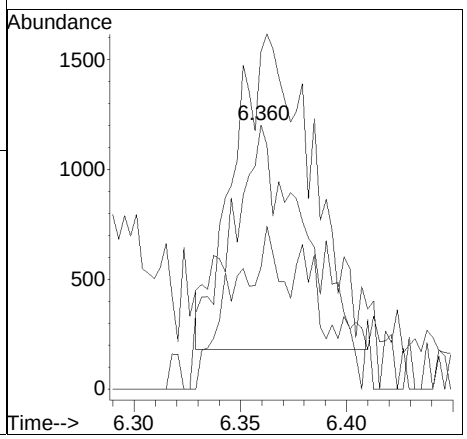


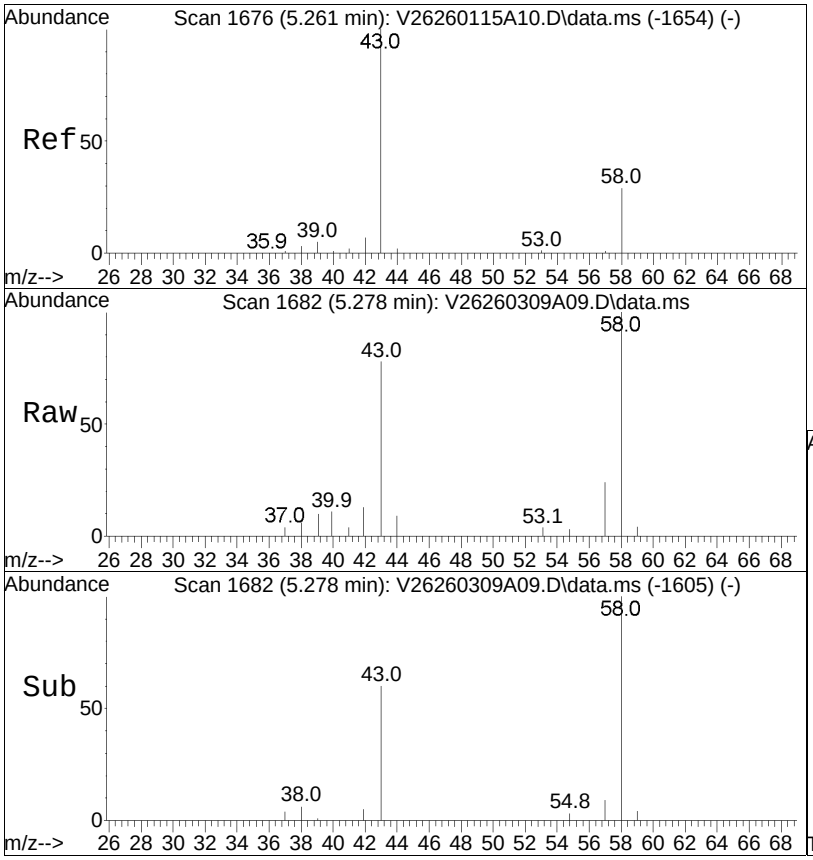


#17
Methylene chloride
Concen: 0.14 ug/L
RT: 6.360 min Scan# 2070
Delta R.T. -0.003 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion: 84 Resp: 2353

Ion	Ratio	Lower	Upper
84	100		
86	17.6	41.9	87.1#
49	190.4	88.1	183.1#

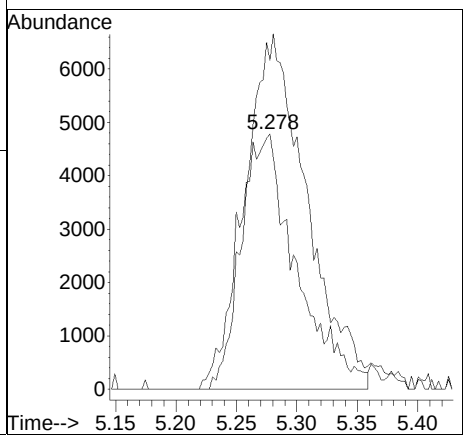


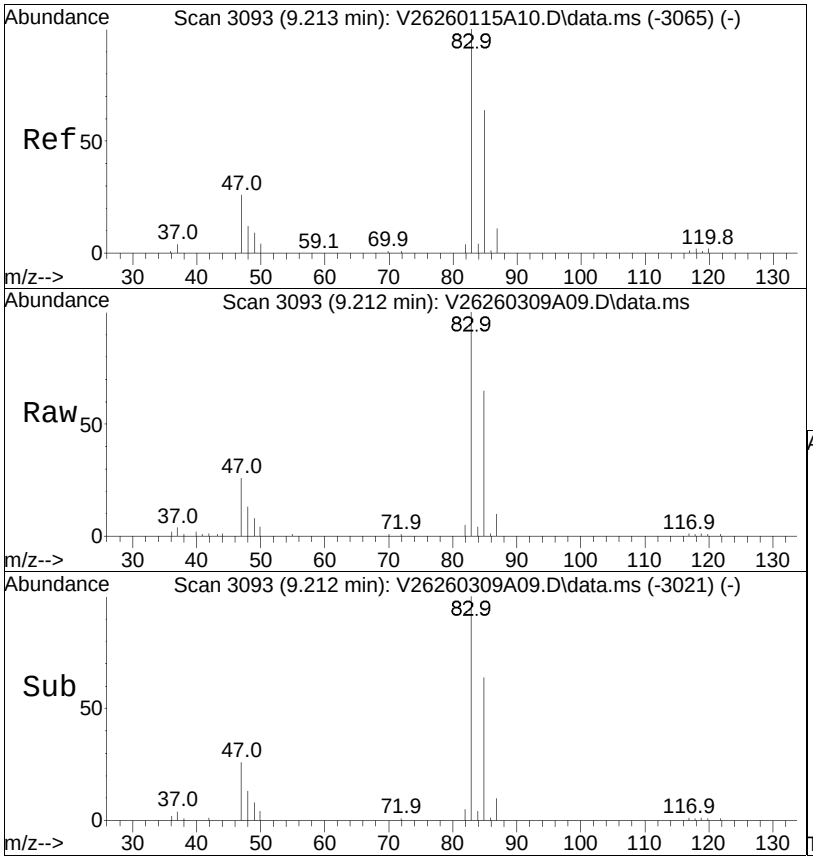


#19
Acetone
Concen: 1.98 ug/L
RT: 5.278 min Scan# 1682
Delta R.T. 0.017 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion: 43 Resp: 16154

Ion	Ratio	Lower	Upper
43	100		
58	141.6	24.6	37.0#

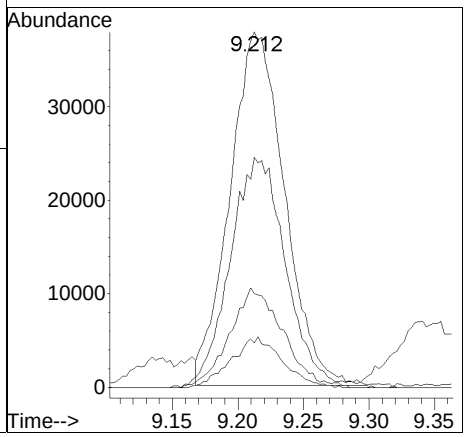


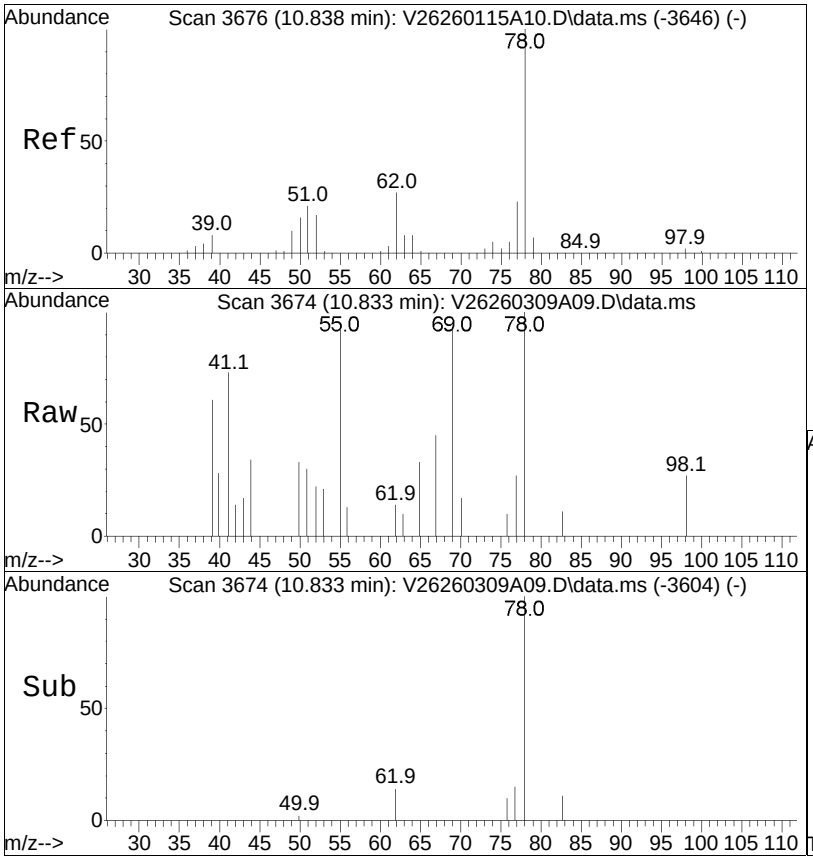


#35
Chloroform
Concen: 3.90 ug/L
RT: 9.212 min Scan# 3093
Delta R.T. -0.000 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion: 83 Resp: 109487

Ion	Ratio	Lower	Upper
83	100		
85	66.0	42.3	87.9
47	27.4	17.3	35.9
48	13.3	8.3	17.3

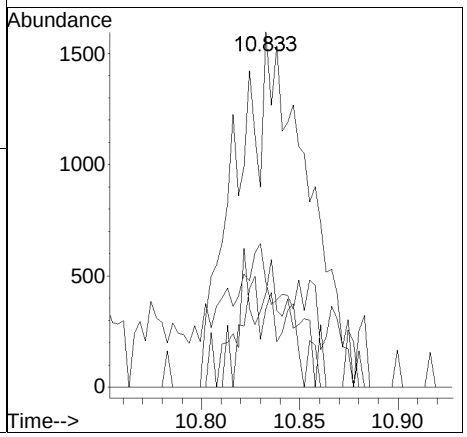


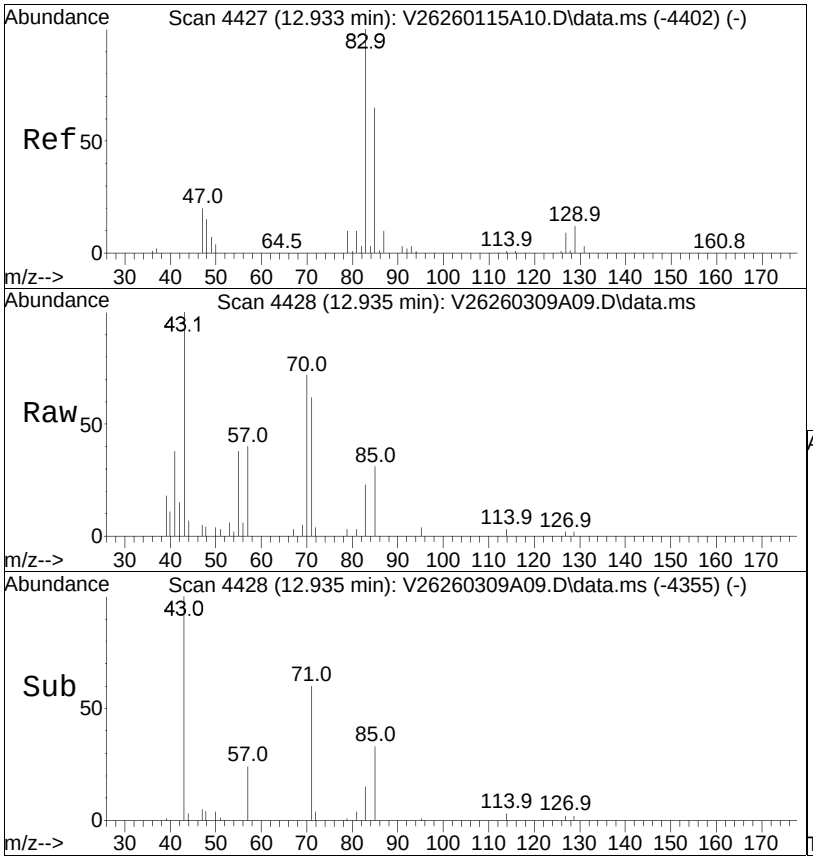


#45
Benzene
Concen: 0.07 ug/L M1
RT: 10.833 min Scan# 3674
Delta R.T. -0.006 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion: 78 Resp: 4030

Ion	Ratio	Lower	Upper
78	100		
77	16.0	15.6	32.4
51	0.0	14.3	29.7#
52	3.7	11.9	24.7#

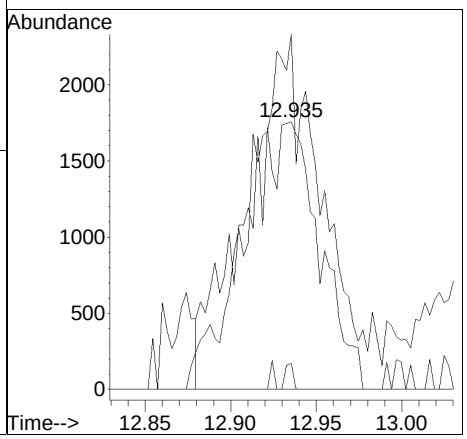


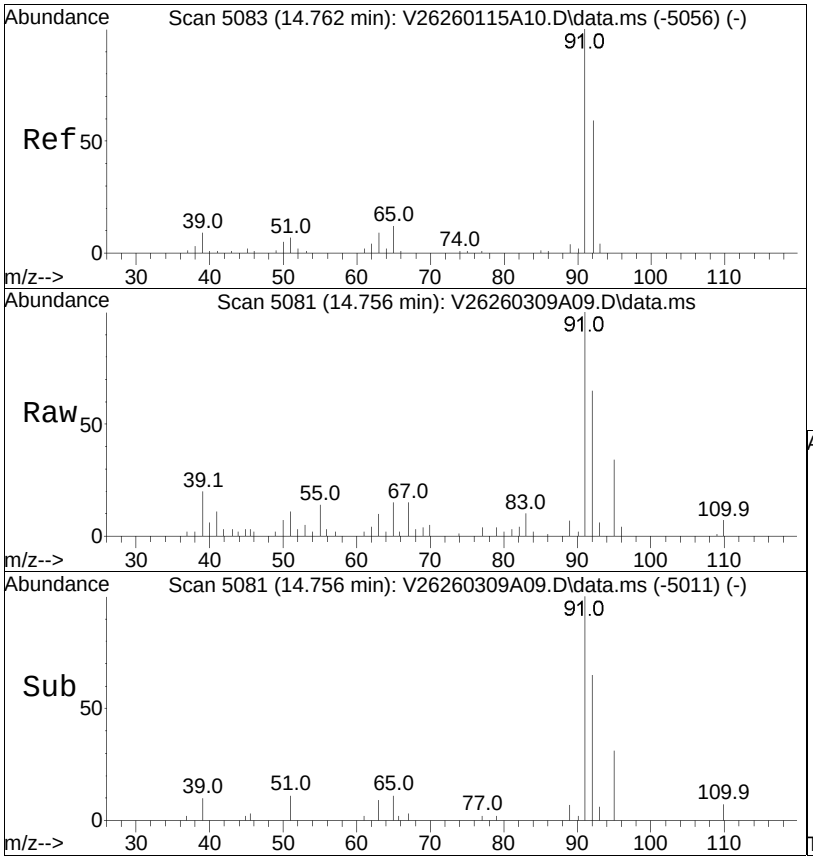


#58
Bromodichloromethane
Concen: 0.28 ug/L
RT: 12.935 min Scan# 4428
Delta R.T. 0.003 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion: 83 Resp: 5746

Ion	Ratio	Lower	Upper
83	100		
85	104.1	51.4	77.0#
127	1.0	7.1	10.7#

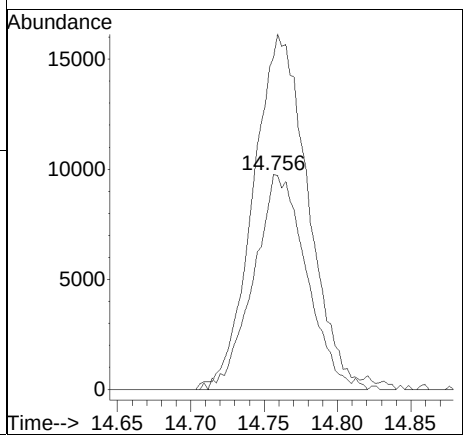


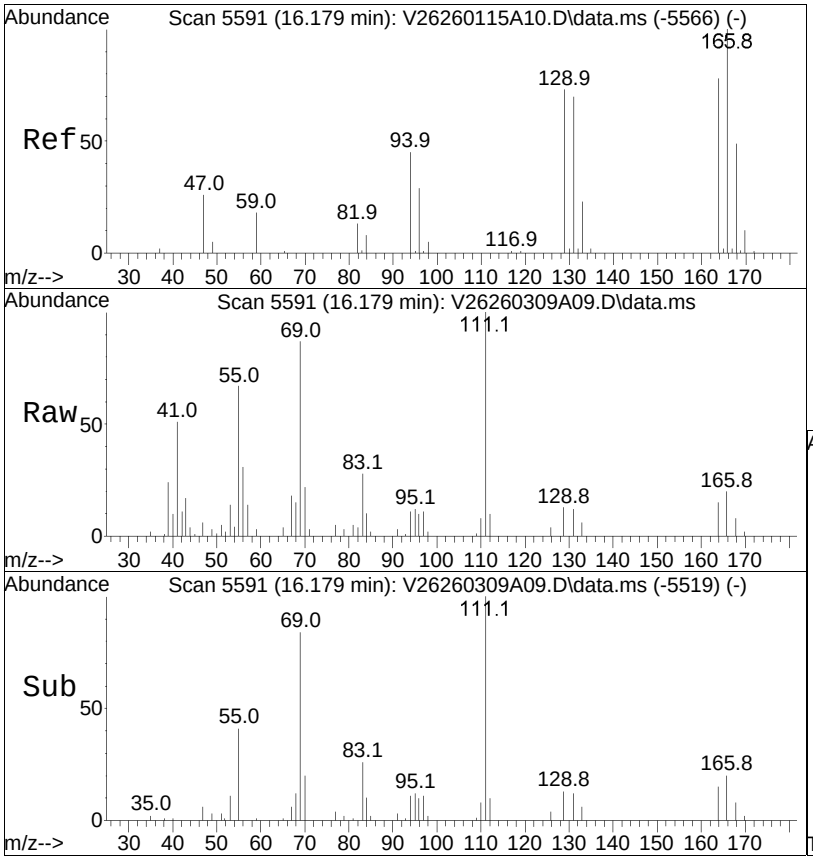


#66
Toluene
Concen: 0.68 ug/L
RT: 14.756 min Scan# 5081
Delta R.T. -0.006 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion: 92 Resp: 24538

Ion	Ratio	Lower	Upper
92	100		
91	173.0	132.2	198.2

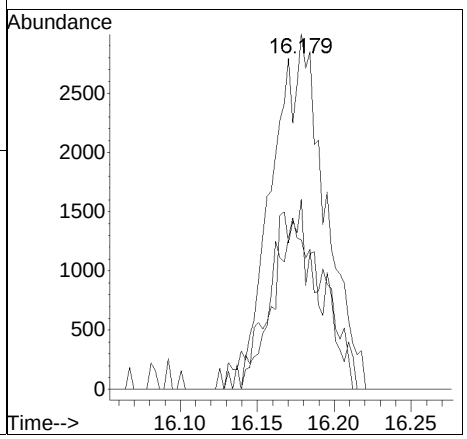


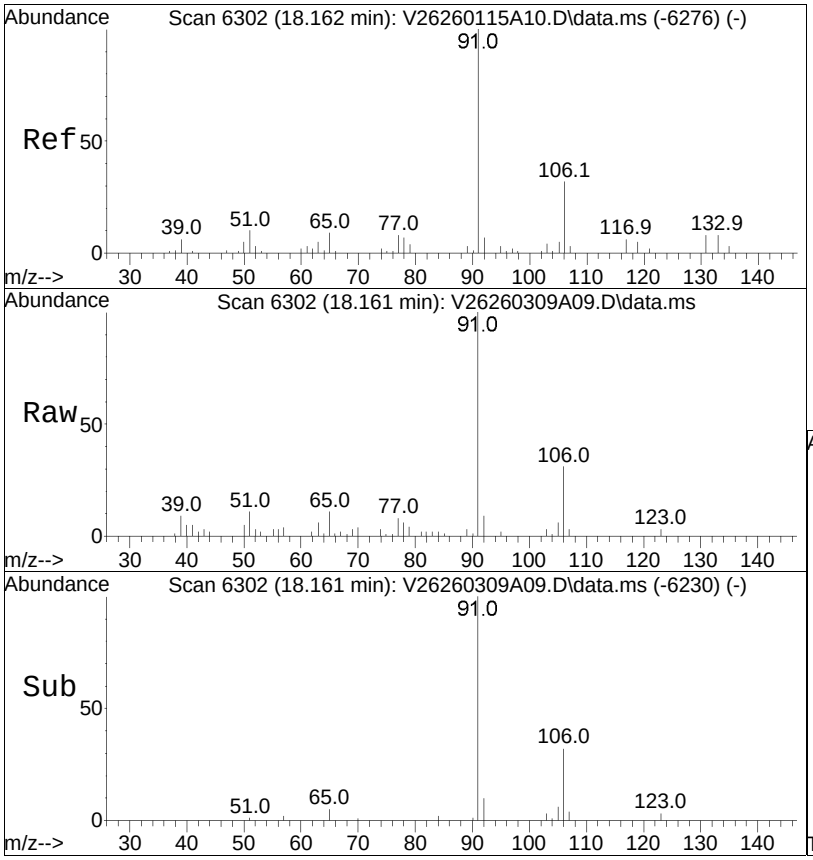


#68
Tetrachloroethene
Concen: 0.46 ug/L M1
RT: 16.179 min Scan# 5591
Delta R.T. -0.000 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion:166 Resp: 7268

Ion	Ratio	Lower	Upper
166	100		
168	36.3	27.8	67.8
94	39.1	24.4	64.4

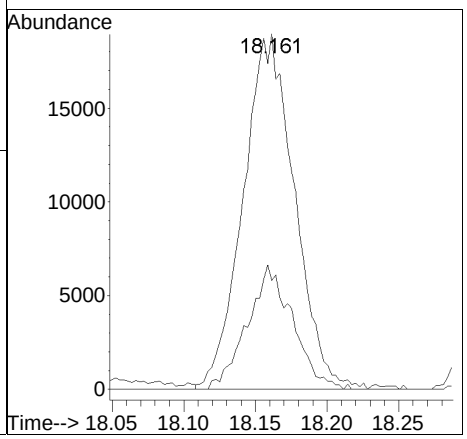


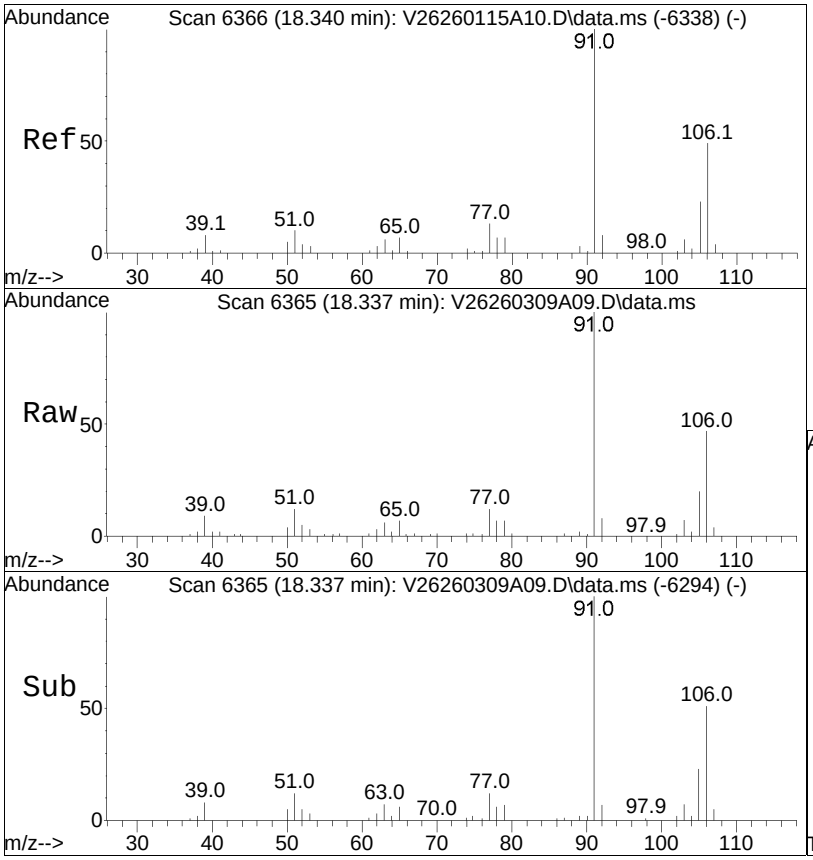


#83
Ethylbenzene
Concen: 0.69 ug/L
RT: 18.161 min Scan# 6302
Delta R.T. -0.000 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion: 91 Resp: 47282

Ion	Ratio	Lower	Upper
91	100		
106	30.8	26.6	39.8

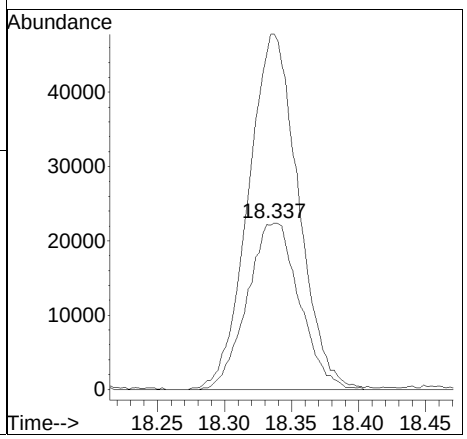


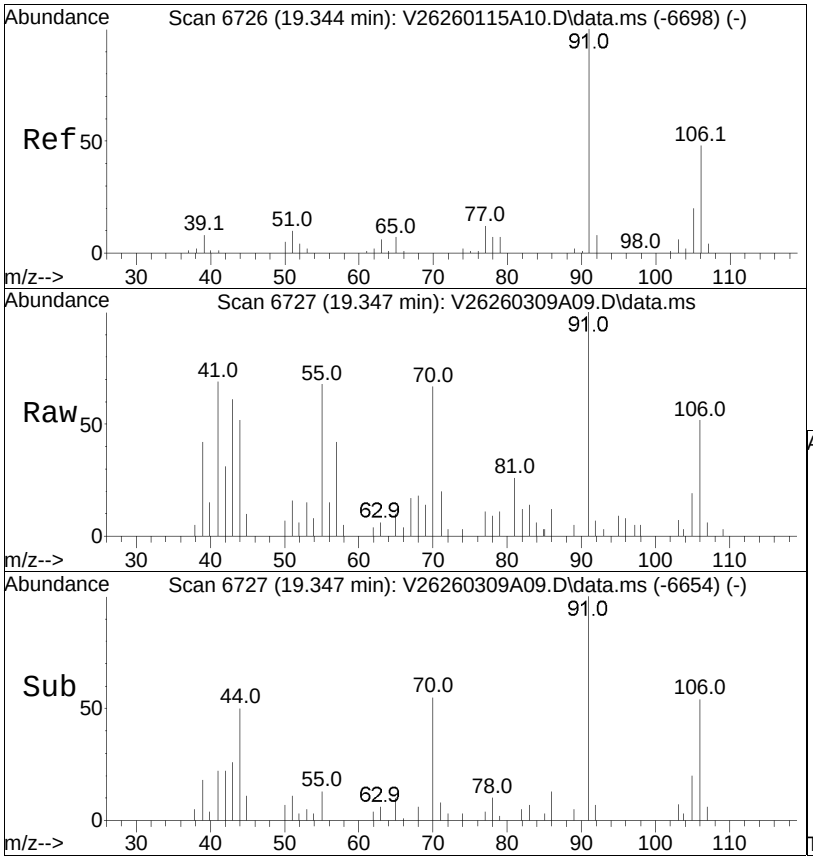


#85
p/m Xylene
Concen: 2.30 ug/L
RT: 18.337 min Scan# 6365
Delta R.T. -0.003 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion:106 Resp: 60636

Ion	Ratio	Lower	Upper
106	100		
91	205.6	147.9	221.9

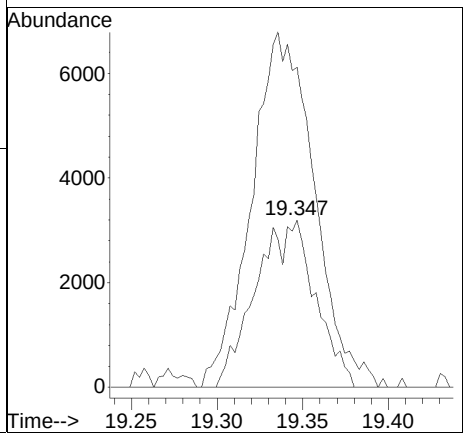


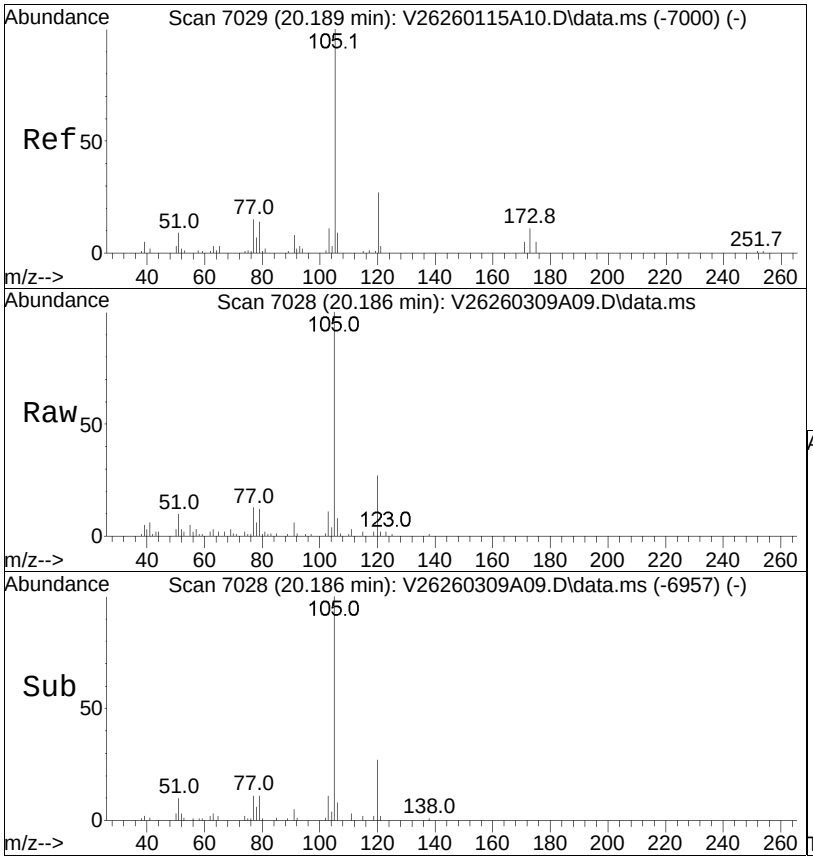


#86
o Xylene
Concen: 0.31 ug/L M3
RT: 19.347 min Scan# 6727
Delta R.T. 0.003 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion:106 Resp: 7786

Ion	Ratio	Lower	Upper
106	100		
91	223.5	155.0	232.6

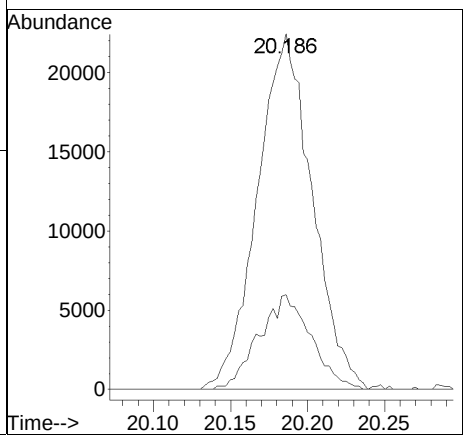


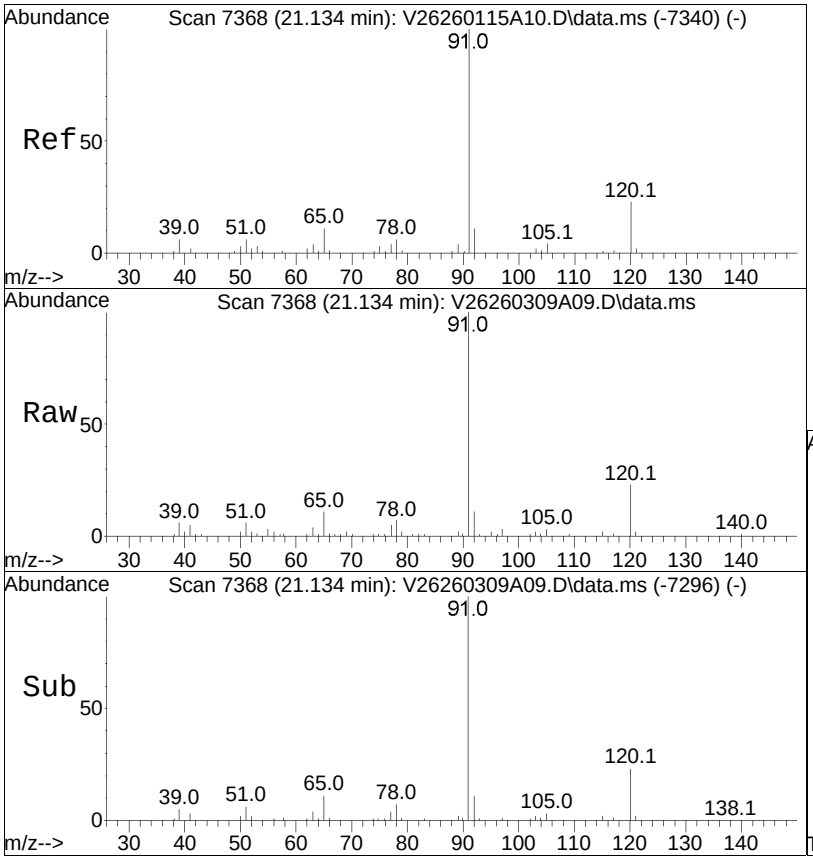


#91
Isopropylbenzene
Concen: 0.88 ug/L
RT: 20.186 min Scan# 7028
Delta R.T. -0.003 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion:105 Resp: 55434

Ion	Ratio	Lower	Upper
105	100		
120	25.3	8.4	48.4

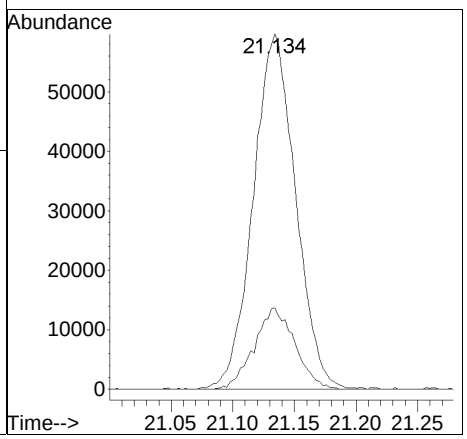


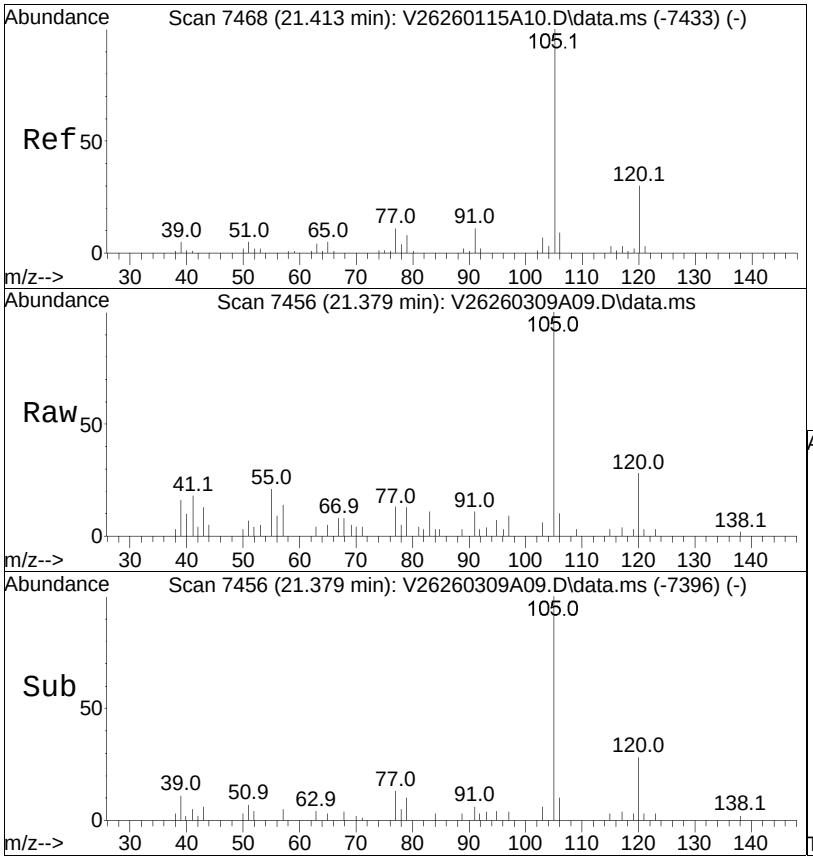


#95
n-Propylbenzene
Concen: 1.95 ug/L
RT: 21.134 min Scan# 7368
Delta R.T. 0.000 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion: 91 Resp: 143046

Ion	Ratio	Lower	Upper
91	100		
120	22.1	19.9	29.9

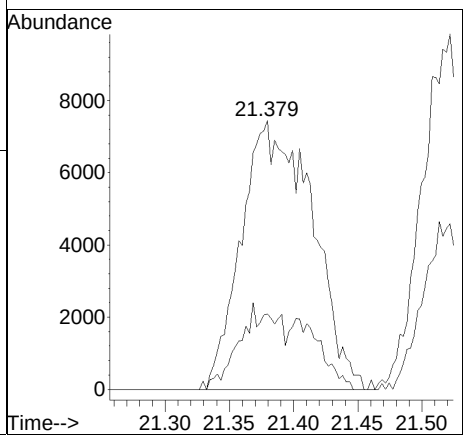


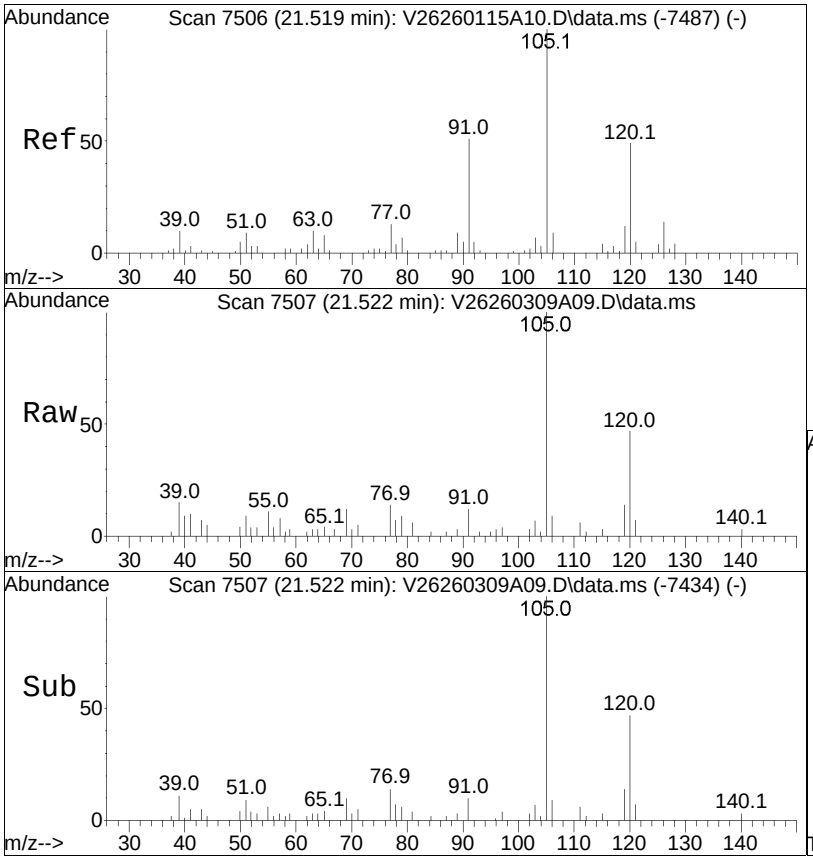


#98
4-Ethyltoluene
Concen: 0.48 ug/L
RT: 21.379 min Scan# 7456
Delta R.T. -0.034 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion:105 Resp: 28544

Ion	Ratio	Lower	Upper
105	100		
120	9.8	20.5	42.5#

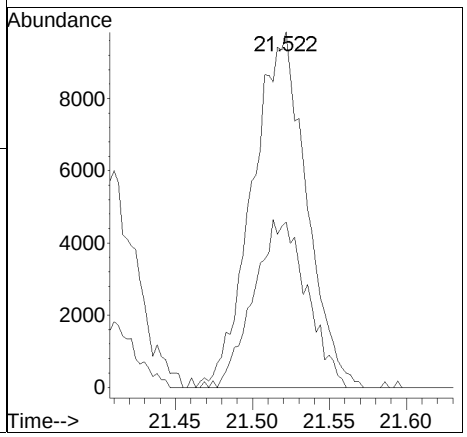


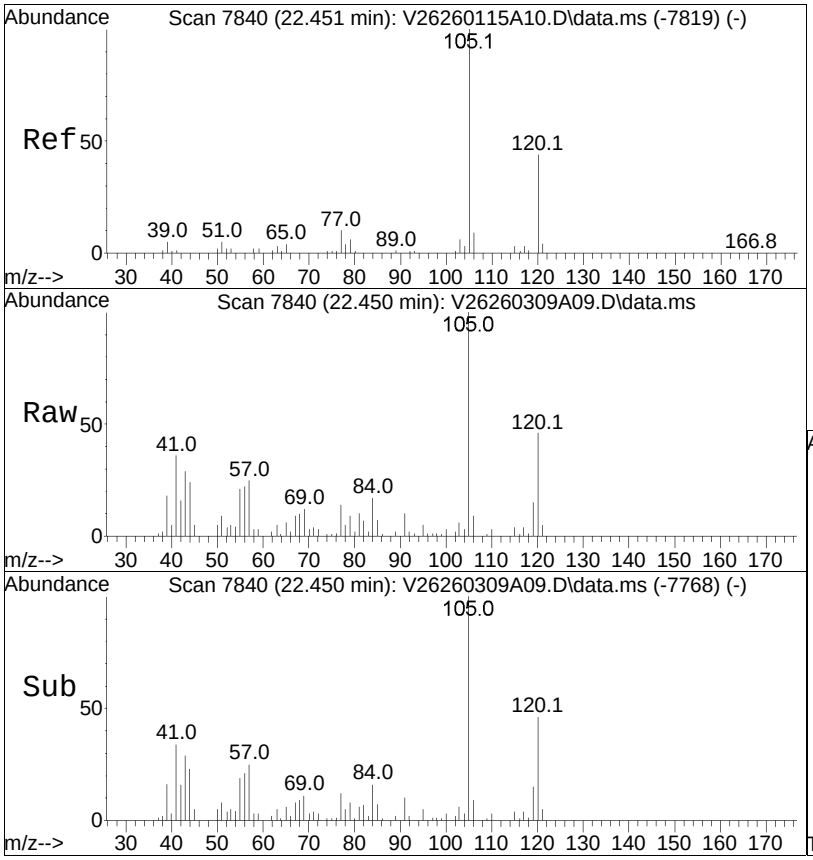


#100
1,3,5-Trimethylbenzene
Concen: 0.47 ug/L
RT: 21.522 min Scan# 7507
Delta R.T. 0.003 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion:105 Resp: 24050

Ion	Ratio	Lower	Upper
105	100		
120	46.5	41.4	62.0

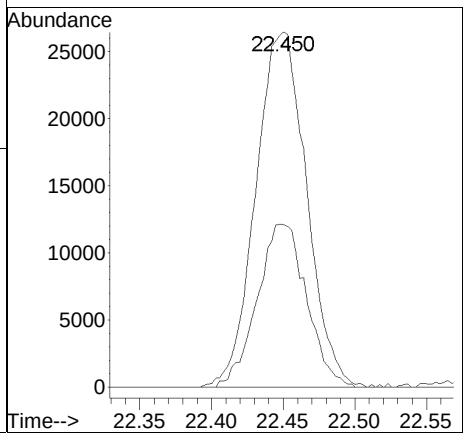


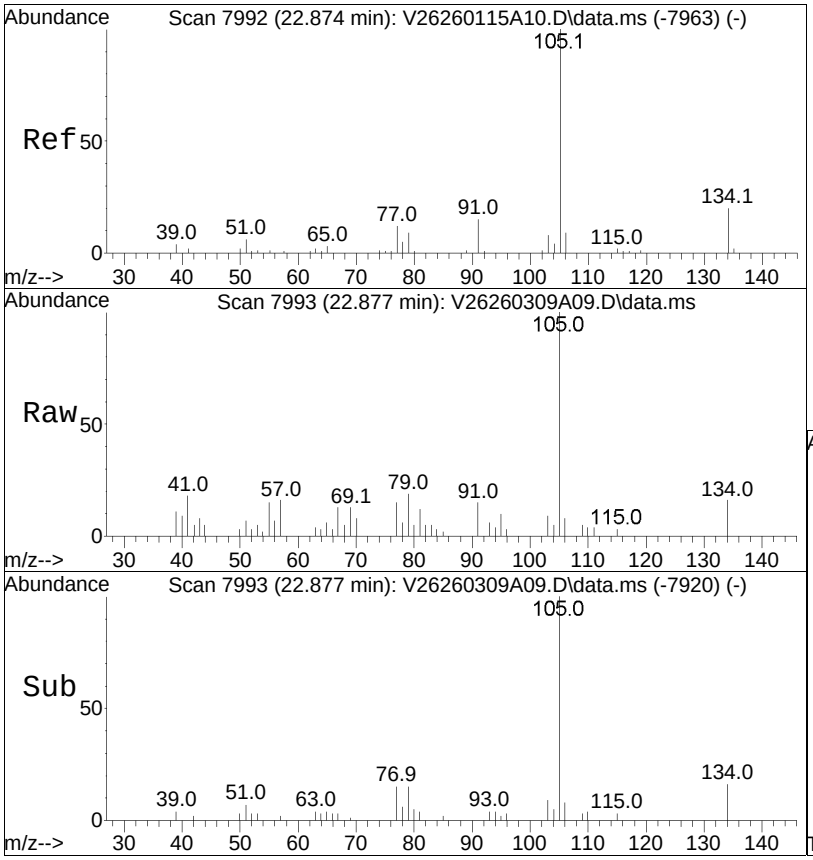


#107
1,2,4-Trimethylbenzene
Concen: 1.31 ug/L
RT: 22.450 min Scan# 7840
Delta R.T. -0.000 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion:105 Resp: 65269

Ion	Ratio	Lower	Upper
105	100		
120	44.6	38.7	58.1

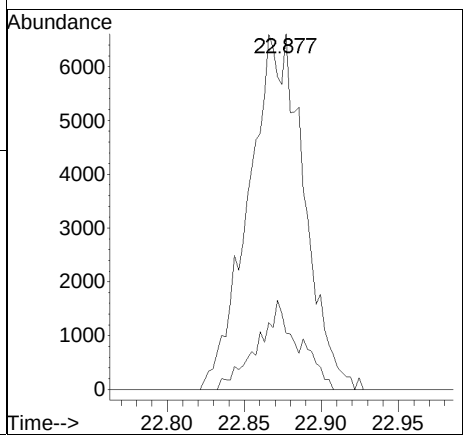


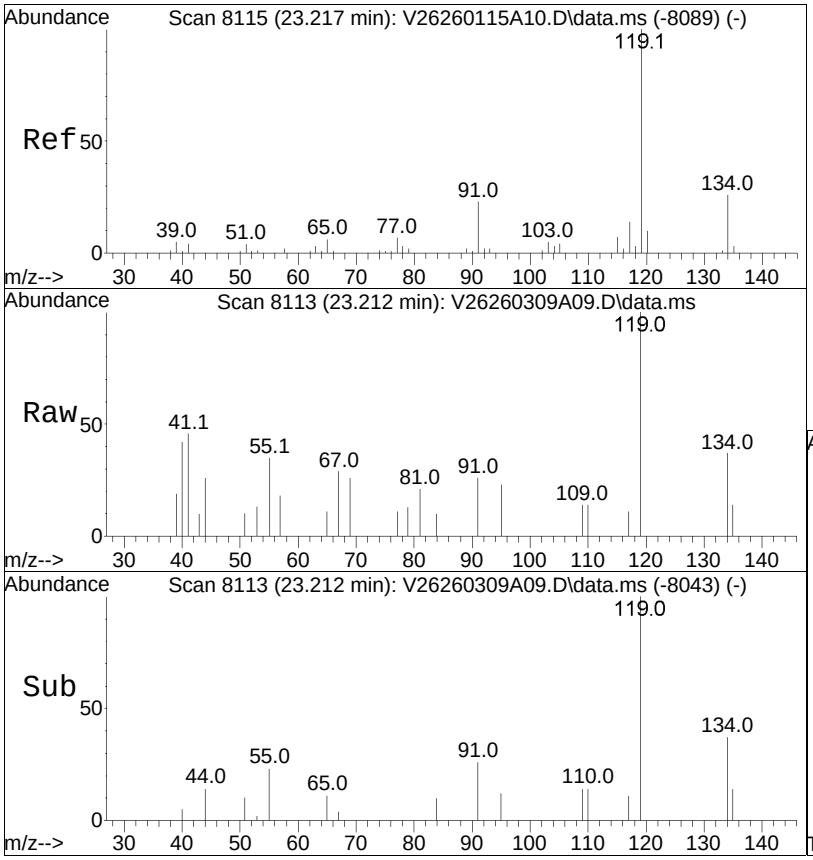


#109
sec-Butylbenzene
Concen: 0.25 ug/L
RT: 22.877 min Scan# 7993
Delta R.T. 0.003 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion:105 Resp: 16462

Ion	Ratio	Lower	Upper
105	100		
134	18.7	14.0	29.0

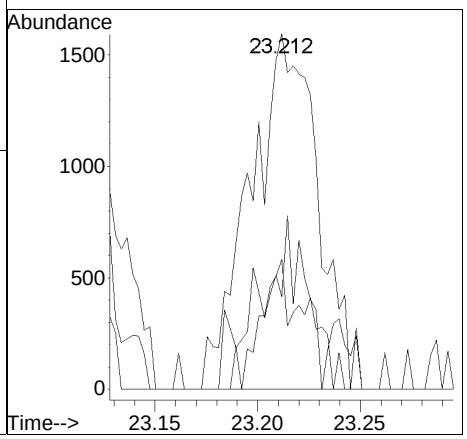


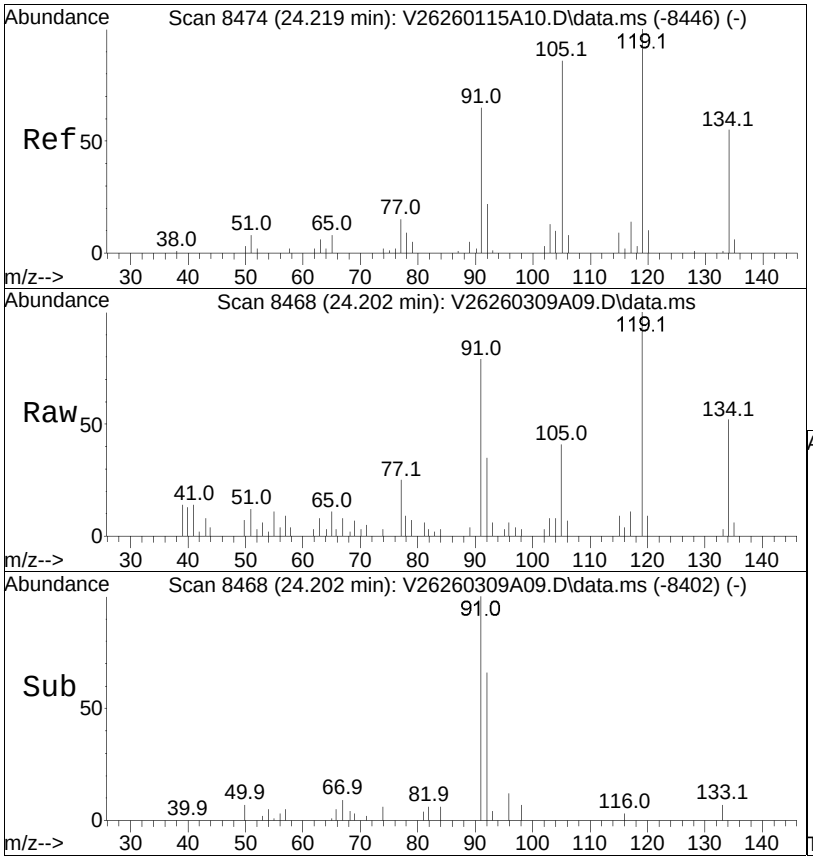


#110
p-Isopropyltoluene
Concen: 0.07 ug/L
RT: 23.212 min Scan# 8113
Delta R.T. -0.006 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion:119 Resp: 3658

Ion	Ratio	Lower	Upper
119	100		
134	14.6	18.0	37.4#
91	20.3	15.3	31.9

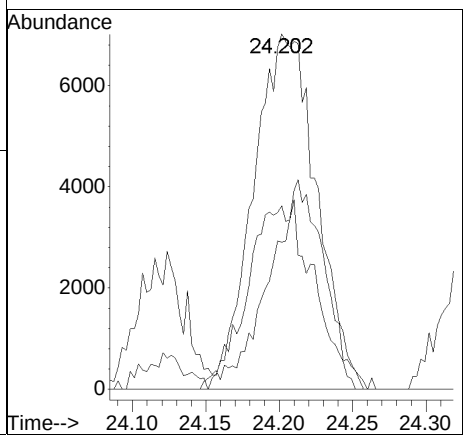


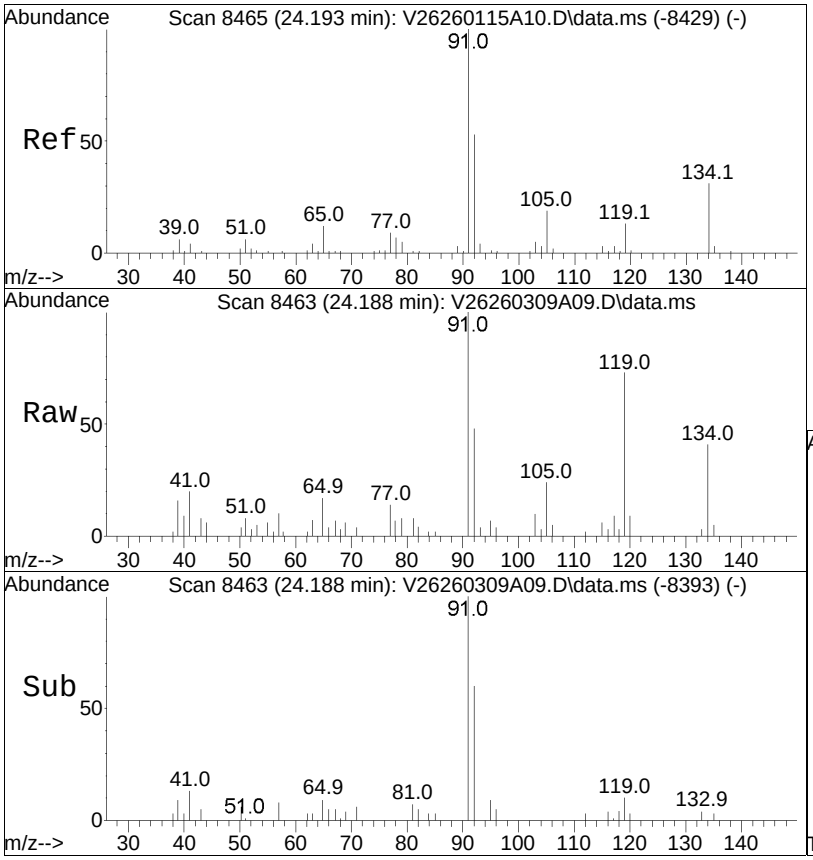


#115
p-Diethylbenzene
Concen: 0.63 ug/L
RT: 24.202 min Scan# 8468
Delta R.T. -0.017 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion:119 Resp: 21078

Ion	Ratio	Lower	Upper
119	100		
105	51.2	62.7	130.3#
134	53.5	55.7	115.7#

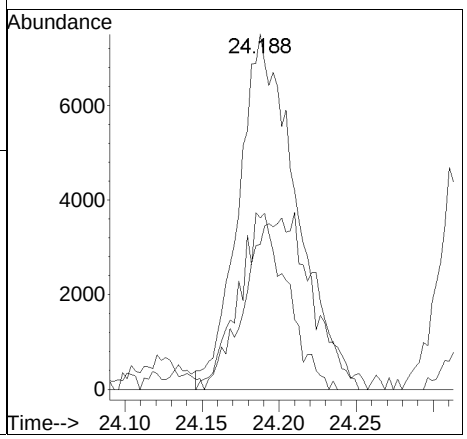


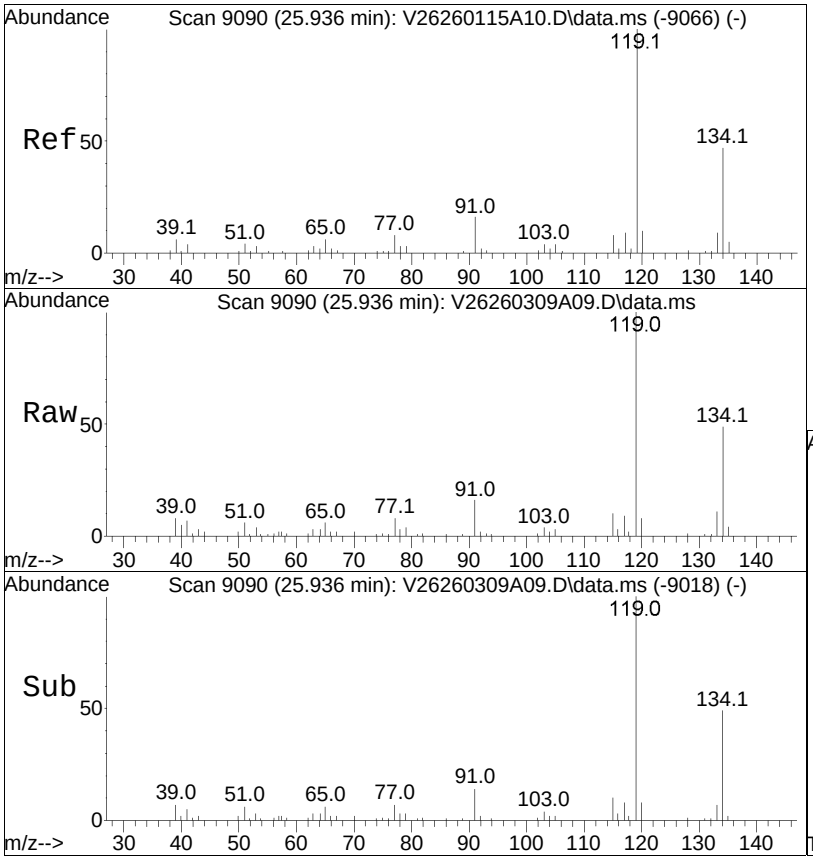


#116
n-Butylbenzene
Concen: 0.31 ug/L
RT: 24.188 min Scan# 8463
Delta R.T. -0.006 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion: 91 Resp: 19374

Ion	Ratio	Lower	Upper
91	100		
92	42.8	38.2	57.4
134	58.2	39.1	58.7

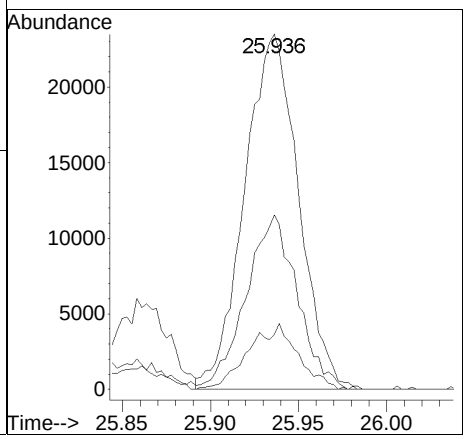


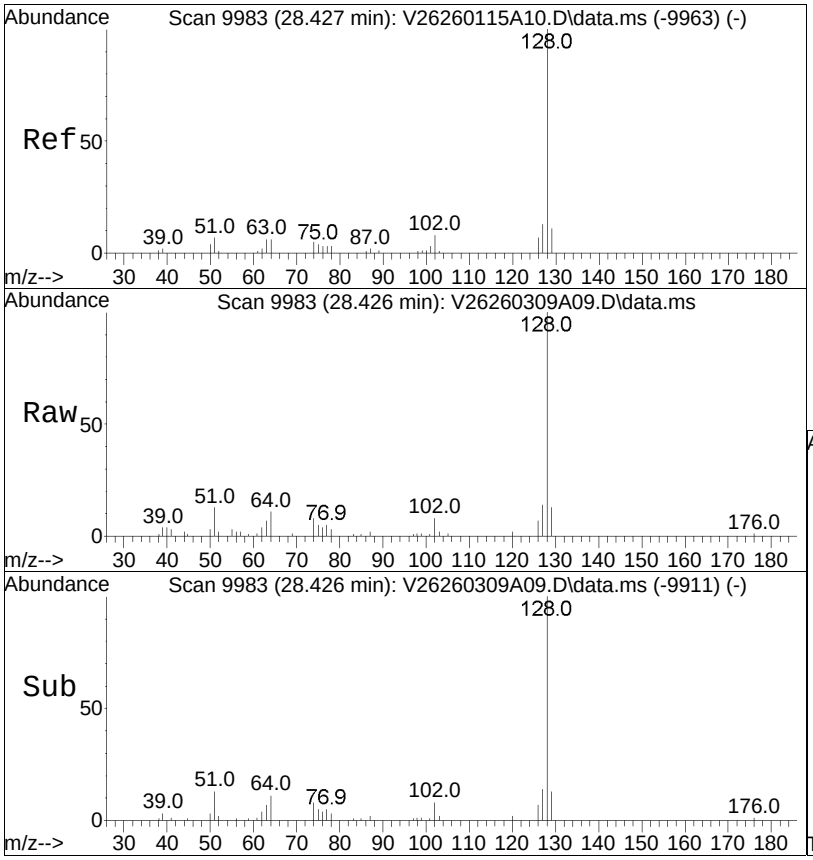


#120
1,2,4,5-Tetramethylbenzene
Concen: 1.03 ug/L
RT: 25.936 min Scan# 9090
Delta R.T. -0.000 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

Tgt Ion:119 Resp: 50133

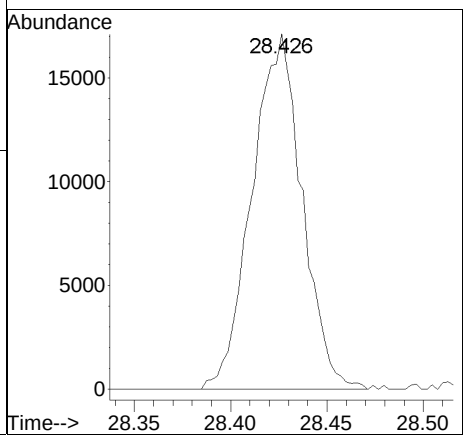
Ion	Ratio	Lower	Upper
119	100		
134	46.6	32.8	68.2
91	8.3	10.7	22.3#





#126
Naphthalene
Concen: 1.03 ug/L
RT: 28.426 min Scan# 9983
Delta R.T. -0.000 min
Lab File: V26260309A09.D
Acq: 09 Mar 2026 02:39 pm

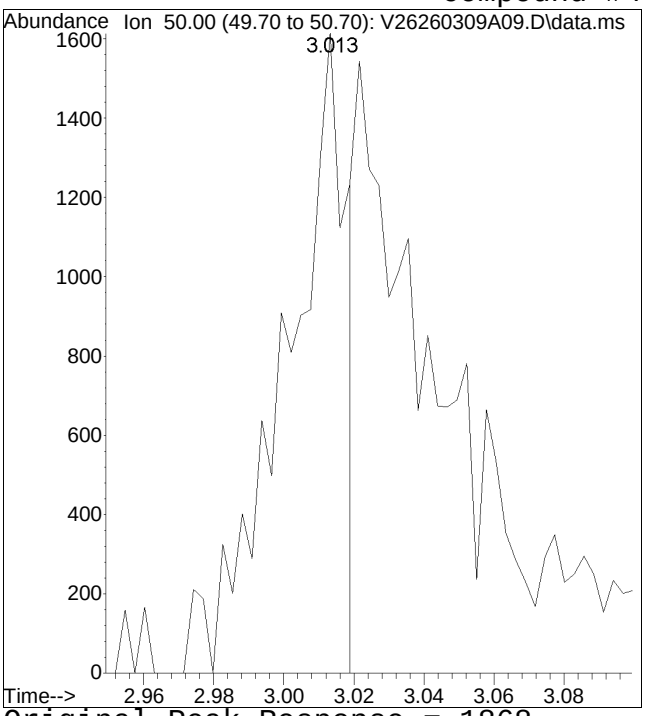
Tgt Ion:128 Resp: 30975



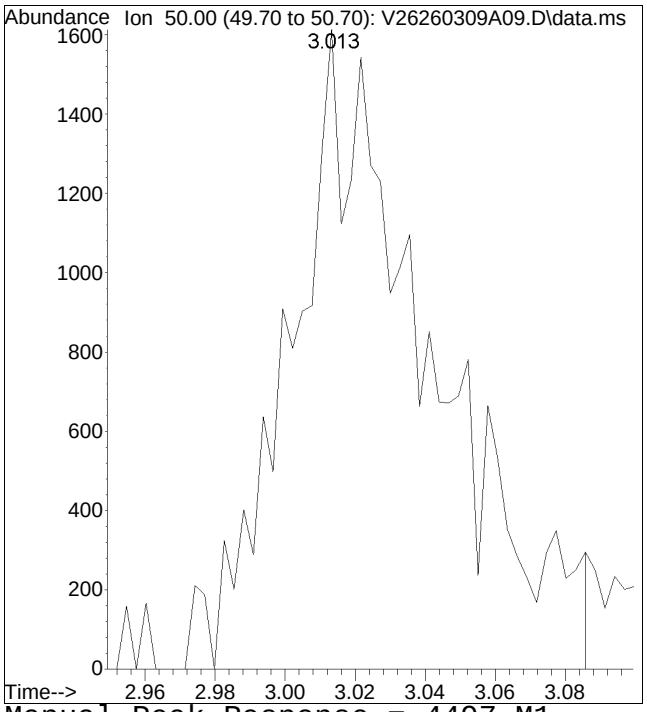
Manual Integration Report

Data Path : K:\VOA126\2026\260309A\ QMethod : V126_260115A_8260.m
Data File : V26260309A09.D Operator : VOA126:BAD
Date Inj'd : 3/9/2026 2:39 pm Instrument : VOA126
Sample : L2612196-03,31,5.75,5,,B,3 Quant Date : 3/10/2026 8:32 am

Compound #4: Chloromethane



Original Peak Response = 1868



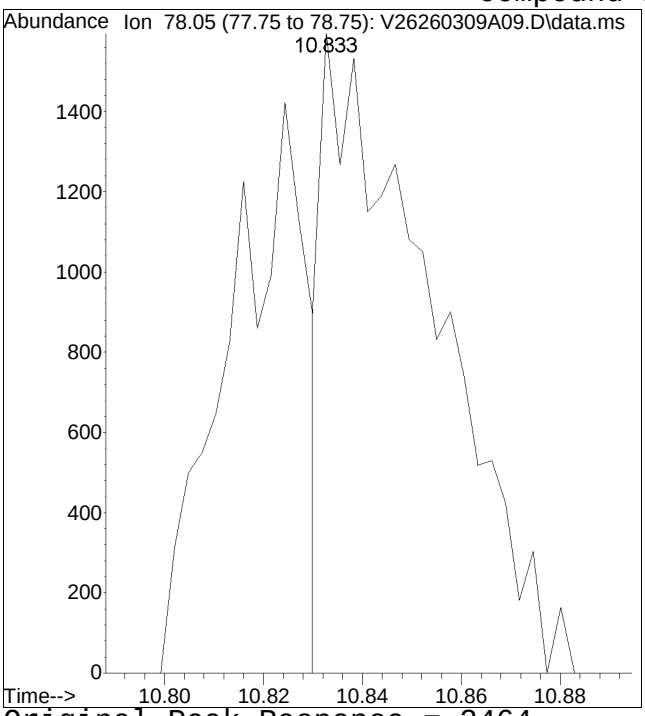
Manual Peak Response = 4497 M1

M1 = Peak Integration was less than it should be

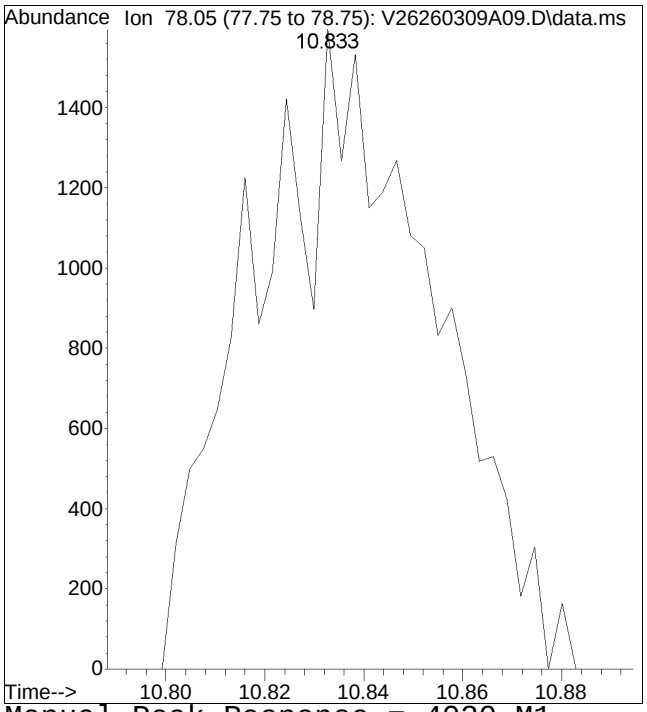
Manual Integration Report

Data Path : K:\VOA126\2026\260309A\ QMethod : V126_260115A_8260.m
Data File : V26260309A09.D Operator : VOA126:BAD
Date Inj'd : 3/9/2026 2:39 pm Instrument : VOA126
Sample : L2612196-03,31,5.75,5,,B,3 Quant Date : 3/10/2026 8:32 am

Compound #45: Benzene



Original Peak Response = 2464



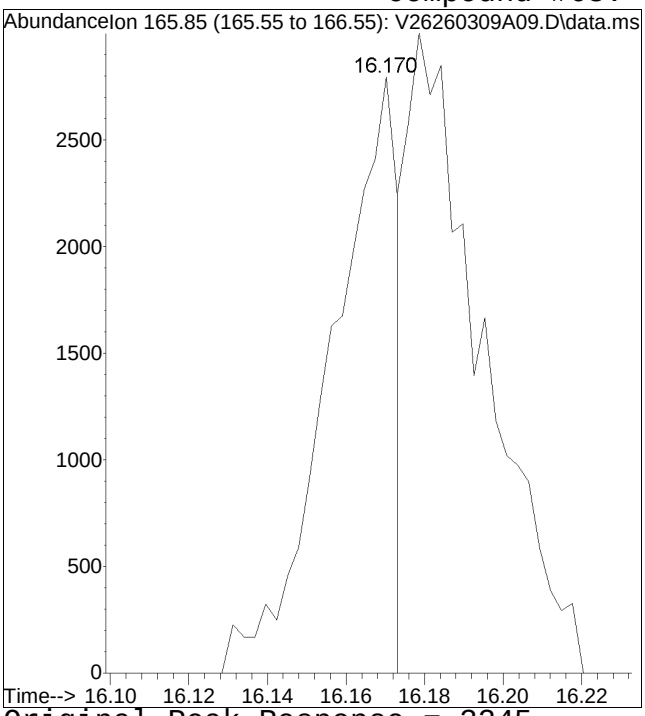
Manual Peak Response = 4030 M1

M1 = Peak Integration was less than it should be

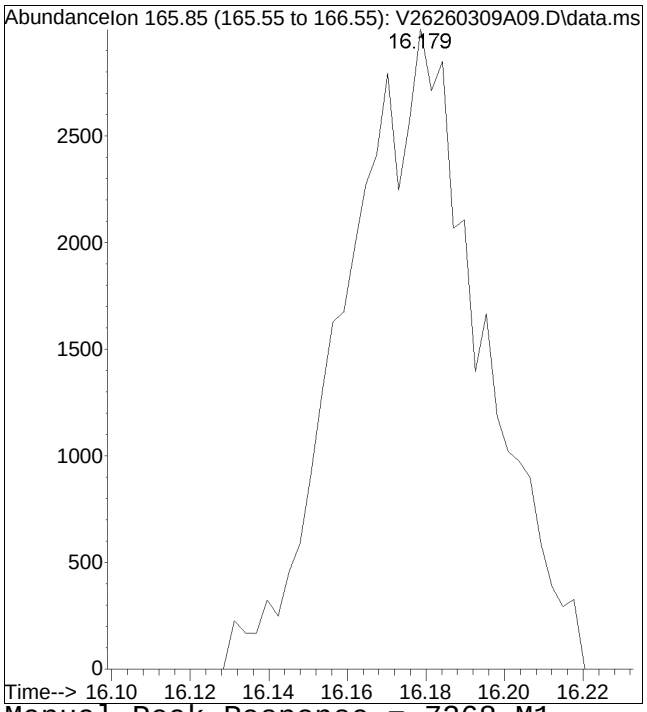
Manual Integration Report

Data Path : K:\VOA126\2026\260309A\ QMethod : V126_260115A_8260.m
Data File : V26260309A09.D Operator : VOA126:BAD
Date Inj'd : 3/9/2026 2:39 pm Instrument : VOA126
Sample : L2612196-03,31,5.75,5,,B,3Quant Date : 3/10/2026 8:32 am

Compound #68: Tetrachloroethene



Original Peak Response = 3245



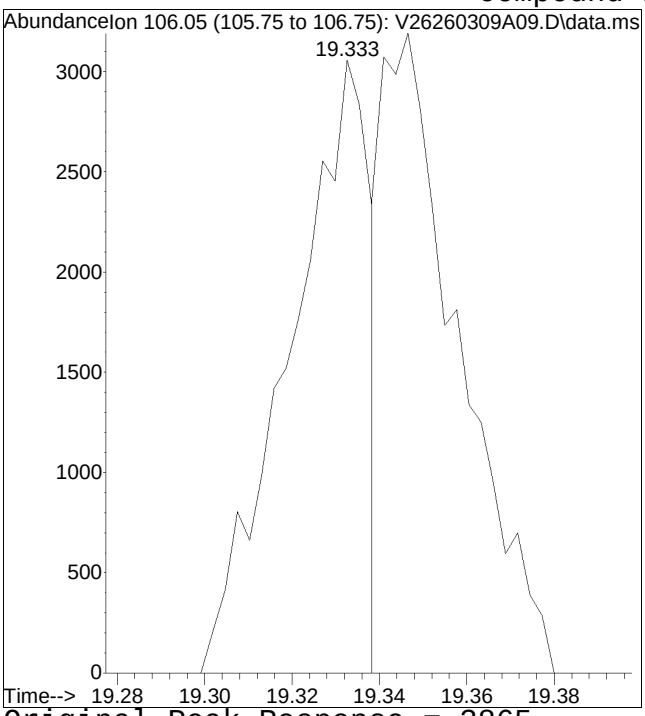
Manual Peak Response = 7268 M1

M1 = Peak Integration was less than it should be

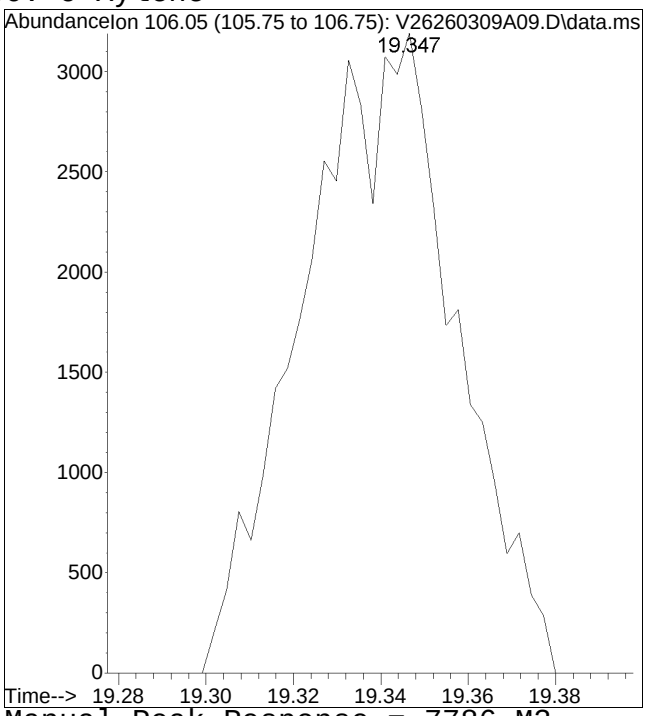
Manual Integration Report

Data Path : K:\VOA126\2026\260309A\ QMethod : V126_260115A_8260.m
Data File : V26260309A09.D Operator : VOA126:BAD
Date Inj'd : 3/9/2026 2:39 pm Instrument : VOA126
Sample : L2612196-03,31,5.75,5,,B,3Quant Date : 3/10/2026 8:32 am

Compound #86: o Xylene



Original Peak Response = 3865



Manual Peak Response = 7786 M3

M3 = Wrong Peak Identified

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A14.D
Acq On : 09 Mar 2026 05:54 pm
Operator : VOA126:BAD
Sample : L2612196-08,31,5.81,5,,C,32.46,38.52,0.25
Misc : WG2183398,ICAL22967
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 10 09:18:37 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	11.271	96	1189343	20.000	ug/L	0.00
Standard Area 1 = 1096647			Recovery	= 108.45%		
63) Chlorobenzene-d5	17.944	117	869616	20.000	ug/L	0.00
Standard Area 1 = 791330			Recovery	= 109.89%		
88) 1,4-Dichlorobenzene-d4	23.591	152	414949	20.000	ug/L	0.00
Standard Area 1 = 374599			Recovery	= 110.77%		
System Monitoring Compounds						
39) Dibromofluoromethane	9.636	113	285092	19.447	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 97.23%		
47) 1,2-Dichloroethane-d4	10.640	65	293133	20.222	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 101.11%		
65) Toluene-d8	14.589	98	1202214	21.238	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 106.19%		
92) 4-Bromofluorobenzene	20.772	95	421153	20.891	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 104.45%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.562	85	194	N.D.		
4) Chloromethane	3.022	50	299	N.D.		
5) Vinyl chloride	0.000		0	N.D.		
6) Bromomethane	3.805	94	99	N.D.		
7) Chloroethane	0.000		0	N.D.		
8) Trichlorofluoromethane	4.357	101	28	N.D.		
9) Ethyl ether	0.000		0	N.D.		
11) 1,1-Dichloroethene	0.000		0	N.D.		
12) Carbon disulfide	6.349	76	56559	1.169	ug/L	100
17) Methylene chloride	6.351	84	1072	0.063	ug/L #	1
19) Acetone	5.275	43	20423	3.024	ug/L #	73
20) trans-1,2-Dichloroethene	6.912	96	54	N.D.		
23) Methyl tert-butyl ether	6.653	73	27	N.D.		
26) 1,1-Dichloroethane	7.737	63	27	N.D.		
28) Acrylonitrile	6.558	53	143	N.D.		
30) Vinyl acetate	7.732	43	12328M3	0.525	ug/L	
31) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) 2,2-Dichloropropane	0.000		0	N.D.		
33) Bromochloromethane	0.000		0	N.D.		
35) Chloroform	0.000		0	N.D. d		

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A14.D
Acq On : 09 Mar 2026 05:54 pm
Operator : VOA126:BAD
Sample : L2612196-08,31,5.81,5,,C,32.46,38.52,0.25
Misc : WG2183398,ICAL22967
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 10 09:18:37 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
37) Carbon tetrachloride	0.000		0	N.D.			
40) 1,1,1-Trichloroethane	0.000		0	N.D.			
42) 2-Butanone	8.580	43	6649	1.494	ug/L	#	78
43) 1,1-Dichloropropene	0.000		0	N.D.			
45) Benzene	10.836	78	8250	0.141	ug/L	#	72
48) 1,2-Dichloroethane	10.827	62	107	N.D.			
52) Trichloroethene	0.000		0	N.D.	d		
54) Dibromomethane	13.041	93	151	N.D.			
55) 1,2-Dichloropropane	12.431	63	27	N.D.			
58) Bromodichloromethane	12.899	83	12123	0.571	ug/L	#	1
61) 1,4-Dioxane	0.000		0	N.D.			
62) cis-1,3-Dichloropropene	14.054	75	26	N.D.			
66) Toluene	14.759	92	14128	0.374	ug/L	#	62
67) 4-Methyl-2-pentanone	0.000		0	N.D.	d		
68) Tetrachloroethene	0.000		0	N.D.	d		
71) trans-1,3-Dichloropropene	0.000		0	N.D.			
75) 1,1,2-Trichloroethane	0.000		0	N.D.			
76) Chlorodibromomethane	0.000		0	N.D.			
77) 1,3-Dichloropropane	16.081	76	32	N.D.			
78) 1,2-Dibromoethane	17.085	107	27	N.D.			
80) 2-Hexanone	0.000		0	N.D.	d		
82) Chlorobenzene	18.016	112	964	N.D.			
83) Ethylbenzene	18.159	91	592069	8.227	ug/L		96
84) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
85) p/m Xylene	18.337	106	537962	19.426	ug/L		86
86) o Xylene	19.338	106	8347	0.314	ug/L	#	63
87) Styrene	0.000		0	N.D.	d		
89) Bromoform	20.194	173	32	N.D.			
91) Isopropylbenzene	20.183	105	237676	3.509	ug/L		96
93) Bromobenzene	21.229	156	32	N.D.			
95) n-Propylbenzene	21.134	91	638910	8.090	ug/L		95
97) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d		
98) 4-Ethyltoluene	21.407	105	635771	9.861	ug/L		97
99) 2-Chlorotoluene	0.000		0	N.D.	d		
100) 1,3,5-Trimethylbenzene	21.519	105	284515	5.174	ug/L		96
101) 1,2,3-Trichloropropane	0.000		0	N.D.			
102) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d		
103) 4-Chlorotoluene	0.000		0	N.D.			
104) tert-Butylbenzene	22.358	119	10750	0.226	ug/L	#	83

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A14.D
Acq On : 09 Mar 2026 05:54 pm
Operator : VOA126:BAD
Sample : L2612196-08,31,5.81,5,,C,32.46,38.52,0.25
Misc : WG2183398,ICAL22967
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 10 09:18:37 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
107) 1,2,4-Trimethylbenzene	22.450	105	936363	17.539	ug/L		95
109) sec-Butylbenzene	22.874	105	105808	1.516	ug/L		95
110) p-Isopropyltoluene	23.215	119	43523	0.728	ug/L		95
111) 1,3-Dichlorobenzene	23.404	146	68	N.D.			
112) 1,4-Dichlorobenzene	23.661	146	98	N.D.			
115) p-Diethylbenzene	24.196	119	293484	8.102	ug/L	#	43
116) n-Butylbenzene	24.193	91	182779	2.741	ug/L	#	78
118) 1,2-Dichlorobenzene	0.000		0	N.D.			
120) 1,2,4,5-Tetramethylben...	25.936	119	262493	5.001	ug/L		95
121) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.			
124) Hexachlorobutadiene	0.000		0	N.D.			
125) 1,2,4-Trichlorobenzene	27.966	180	51	N.D.			
126) Naphthalene	28.421	128	104875	3.230	ug/L		100
127) 1,2,3-Trichlorobenzene	28.881	180	26	N.D.			

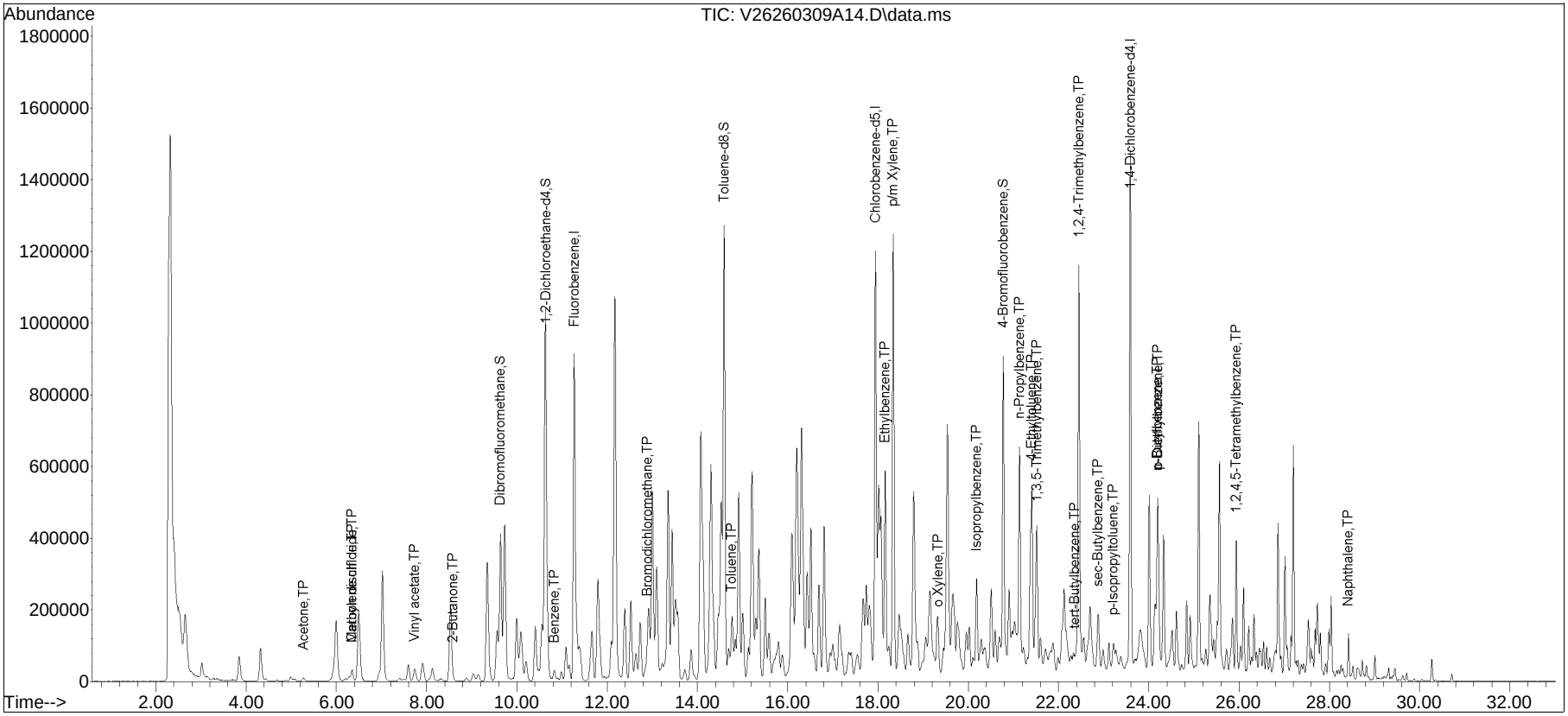
(#) = qualifier out of range (m) = manual integration (+) = signals summed

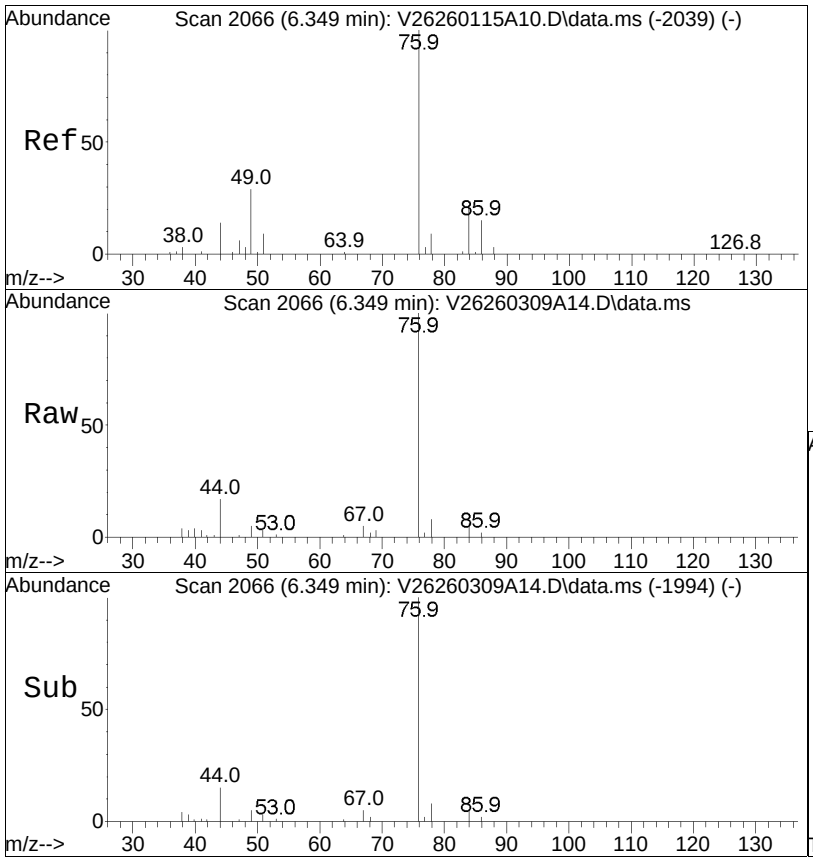
Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A14.D
Acq On : 09 Mar 2026 05:54 pm
Operator : VOA126:BAD
Sample : L2612196-08,31,5.81,5,,C,32.46,38.52,0.25
Misc : WG2183398,ICAL22967
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 10 09:18:37 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox260309A01.D•

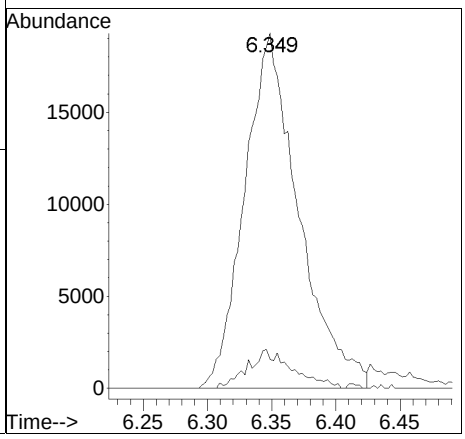


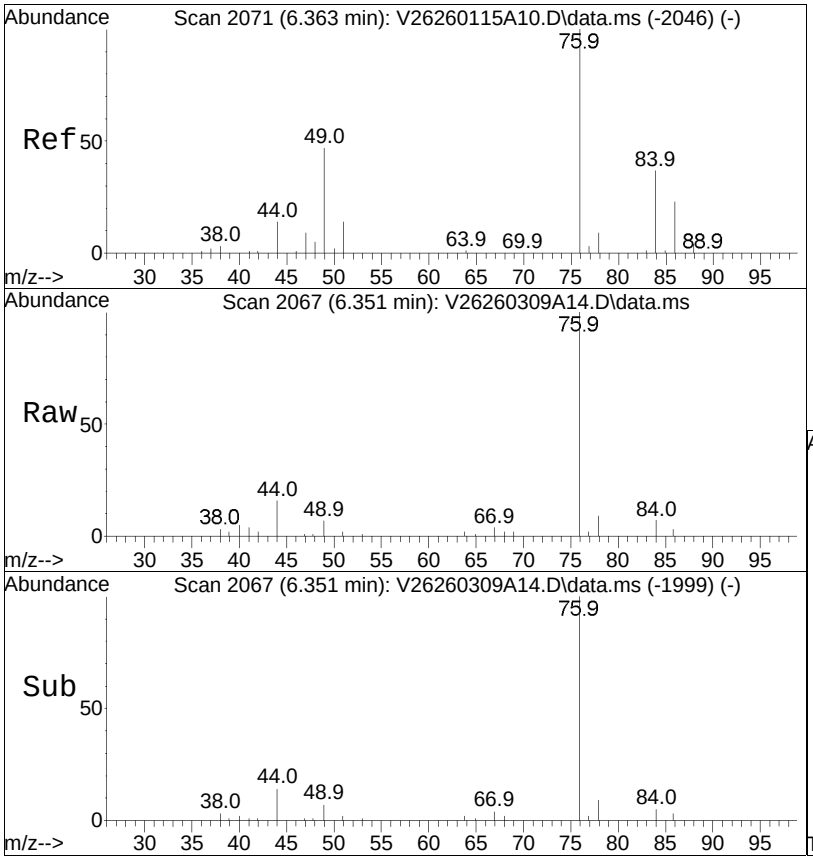


#12
Carbon disulfide
Concen: 1.17 ug/L
RT: 6.349 min Scan# 2066
Delta R.T. -0.000 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion: 76 Resp: 56559

Ion	Ratio	Lower	Upper
76	100		
78	9.1	5.9	12.3

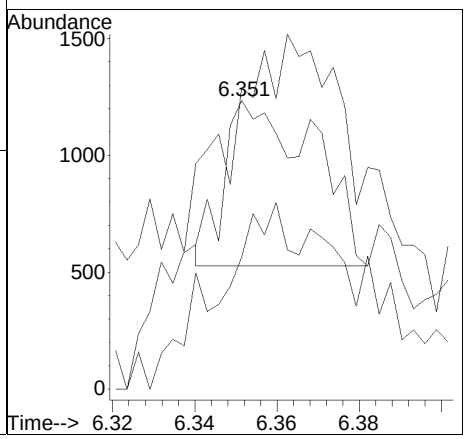


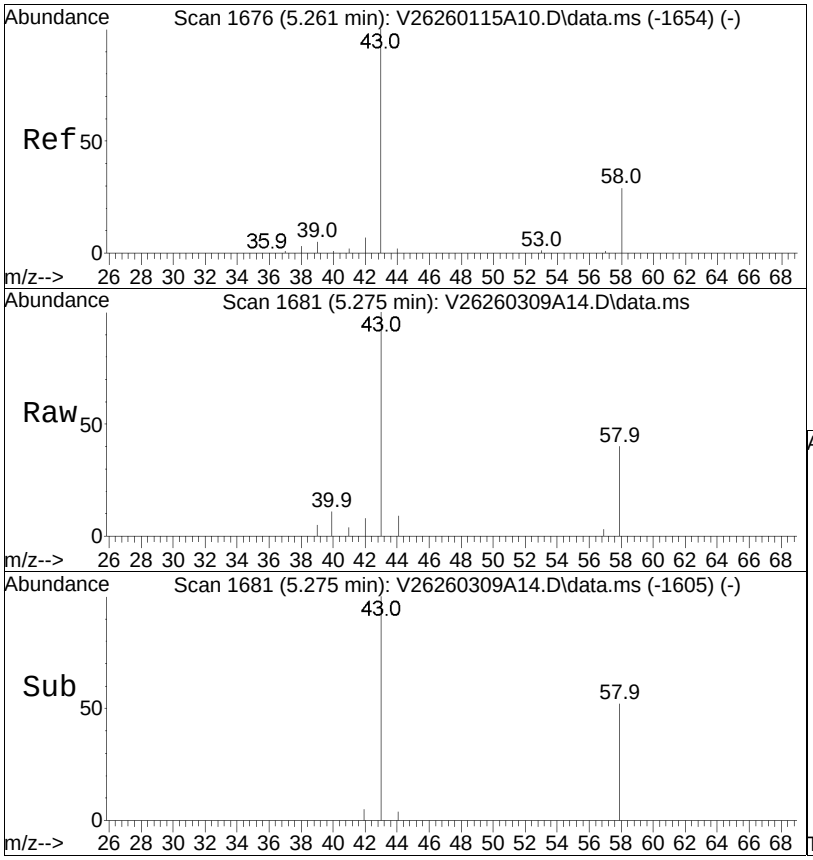


#17
Methylene chloride
Concen: 0.06 ug/L
RT: 6.351 min Scan# 2067
Delta R.T. -0.011 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion: 84 Resp: 1072

Ion	Ratio	Lower	Upper
84	100		
86	98.1	41.9	87.1#
49	413.2	88.1	183.1#

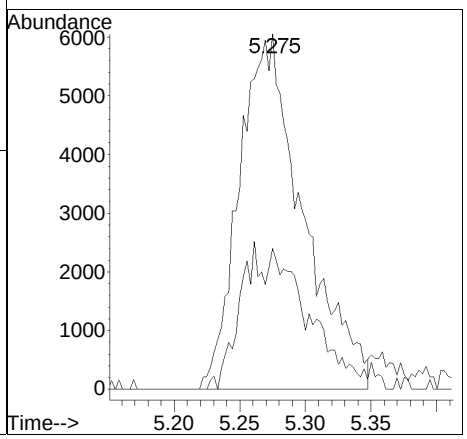


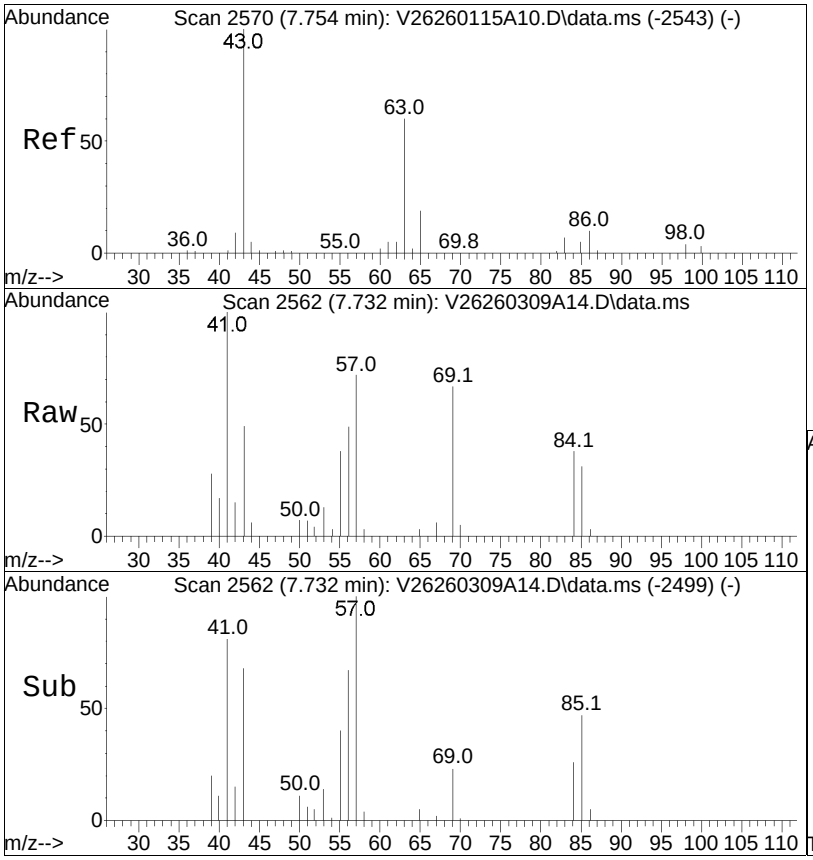


#19
Acetone
Concen: 3.02 ug/L
RT: 5.275 min Scan# 1681
Delta R.T. 0.014 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion: 43 Resp: 20423

Ion	Ratio	Lower	Upper
43	100		
58	15.9	24.6	37.0#

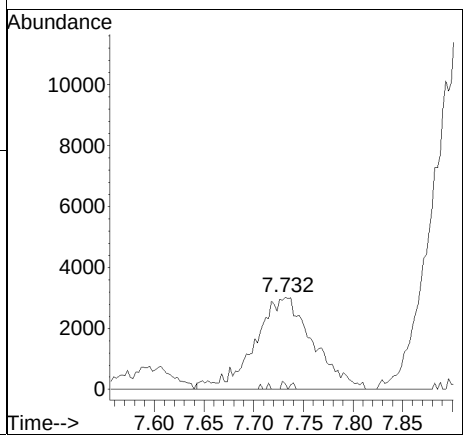


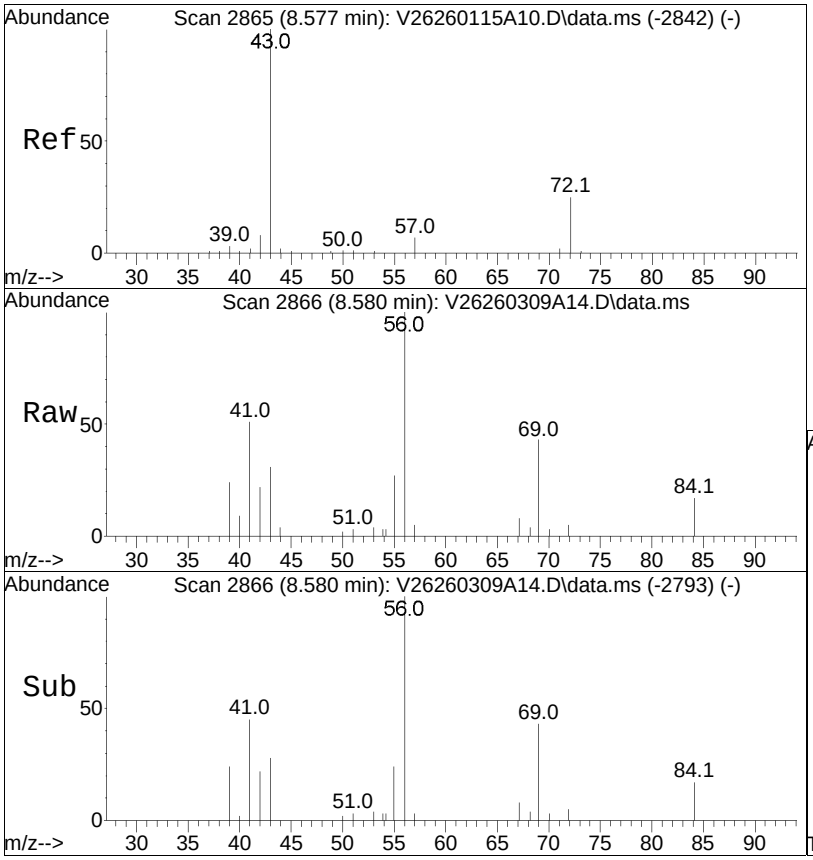


#30
Vinyl acetate
Concen: 0.53 ug/L M3
RT: 7.732 min Scan# 2562
Delta R.T. -0.022 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion: 43 Resp: 12328

Ion	Ratio	Lower	Upper
43	100		
86	1.6	7.7	11.5#

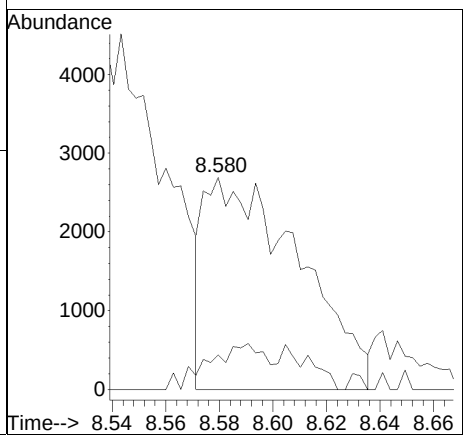


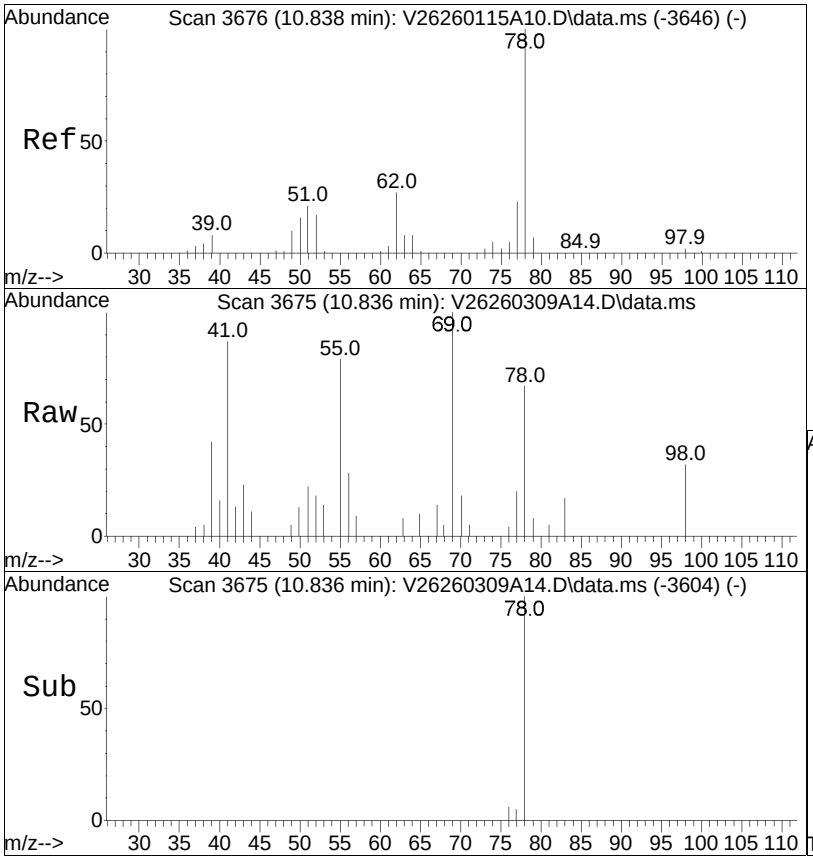


#42
2-Butanone
Concen: 1.49 ug/L
RT: 8.580 min Scan# 2866
Delta R.T. 0.003 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion: 43 Resp: 6649

Ion	Ratio	Lower	Upper
43	100		
72	12.8	18.7	28.1#

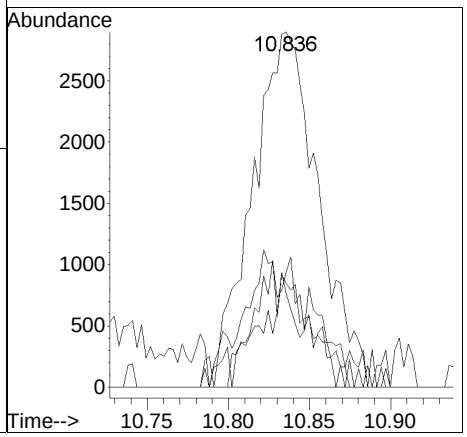


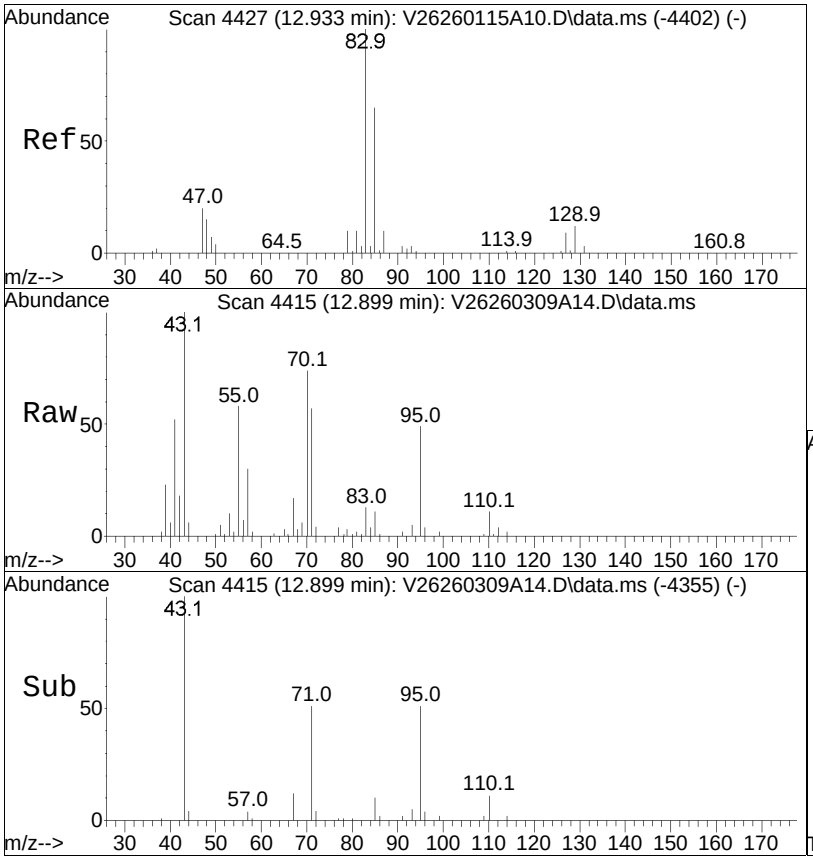


#45
Benzene
Concen: 0.14 ug/L
RT: 10.836 min Scan# 3675
Delta R.T. -0.003 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion: 78 Resp: 8250

Ion	Ratio	Lower	Upper
78	100		
77	12.2	15.6	32.4#
51	0.0	14.3	29.7#
52	23.3	11.9	24.7

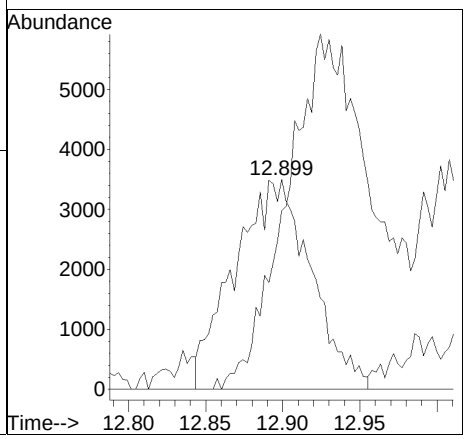


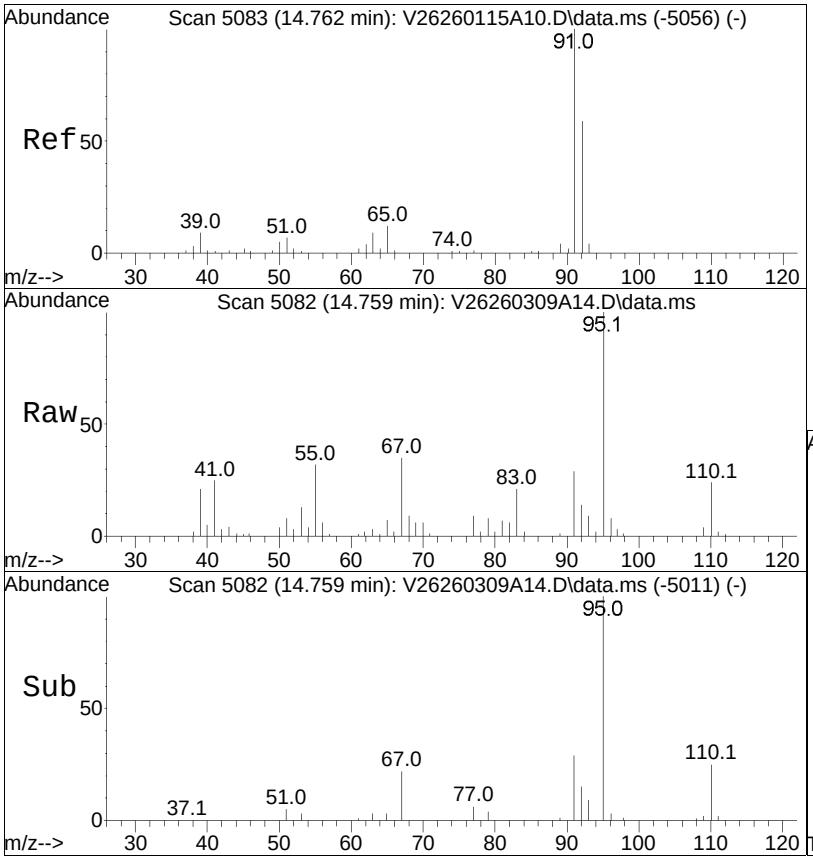


#58
Bromodichloromethane
Concen: 0.57 ug/L
RT: 12.899 min Scan# 4415
Delta R.T. -0.034 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion: 83 Resp: 12123

Ion	Ratio	Lower	Upper
83	100		
85	188.5	51.4	77.0#
127	0.0	7.1	10.7#

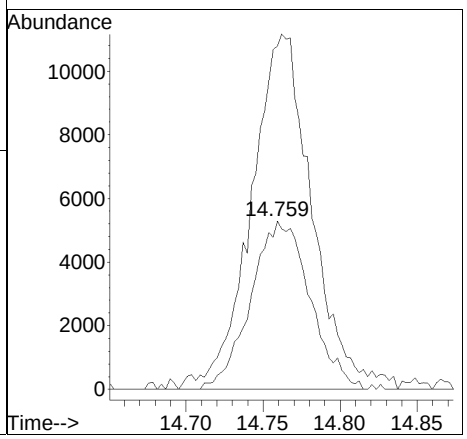


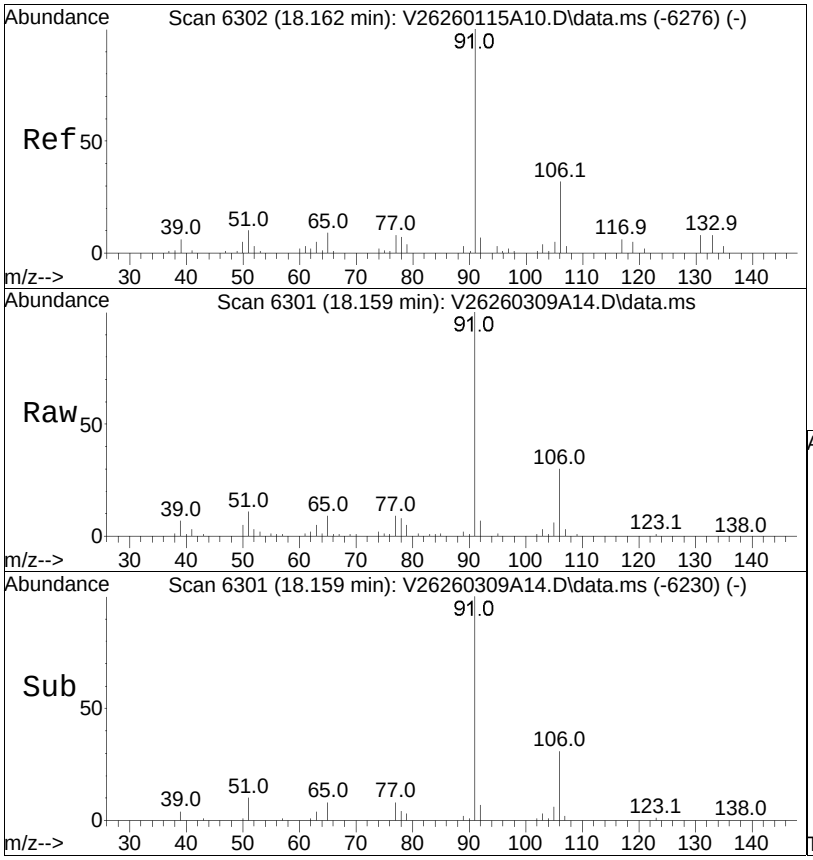


#66
Toluene
Concen: 0.37 ug/L
RT: 14.759 min Scan# 5082
Delta R.T. -0.003 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion: 92 Resp: 14128

Ion	Ratio	Lower	Upper
92	100		
91	215.7	132.2	198.2#

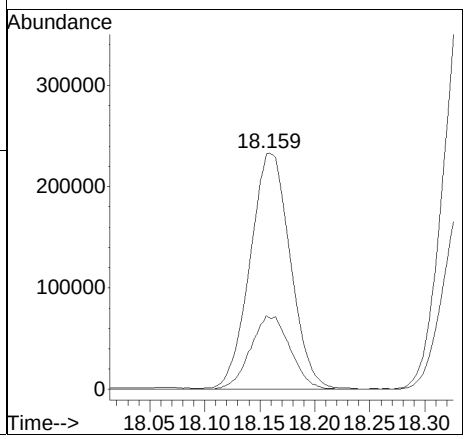


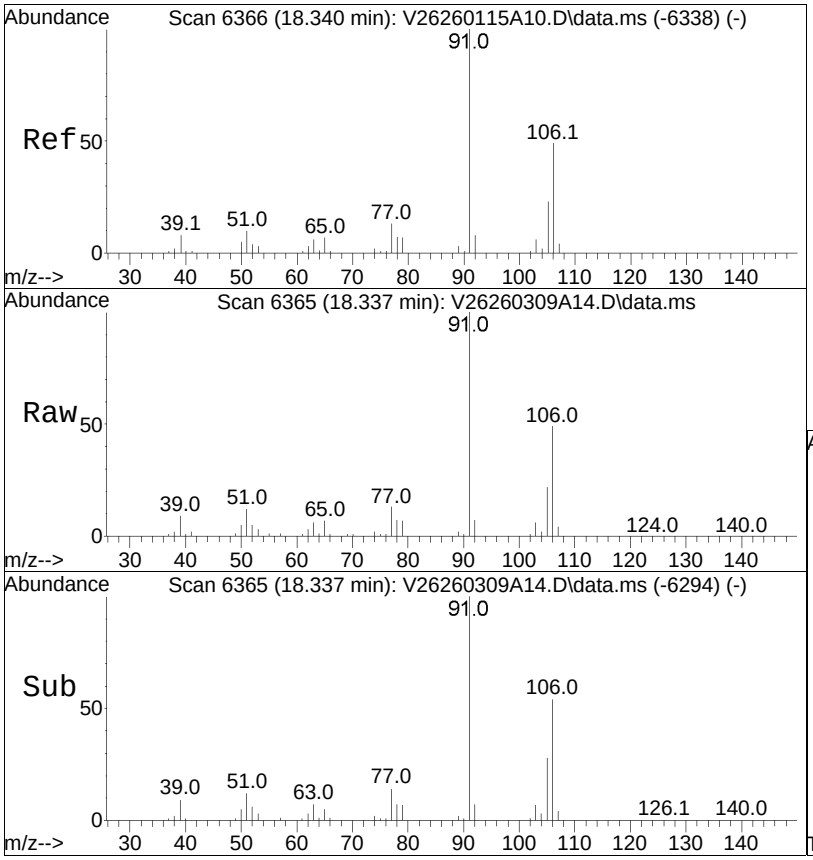


#83
Ethylbenzene
Concen: 8.23 ug/L
RT: 18.159 min Scan# 6301
Delta R.T. -0.003 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion: 91 Resp: 592069

Ion	Ratio	Lower	Upper
91	100		
106	30.8	26.6	39.8

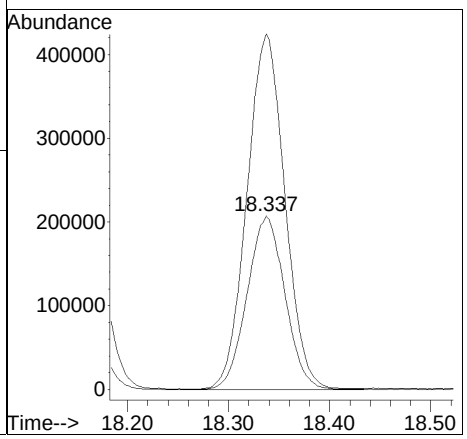


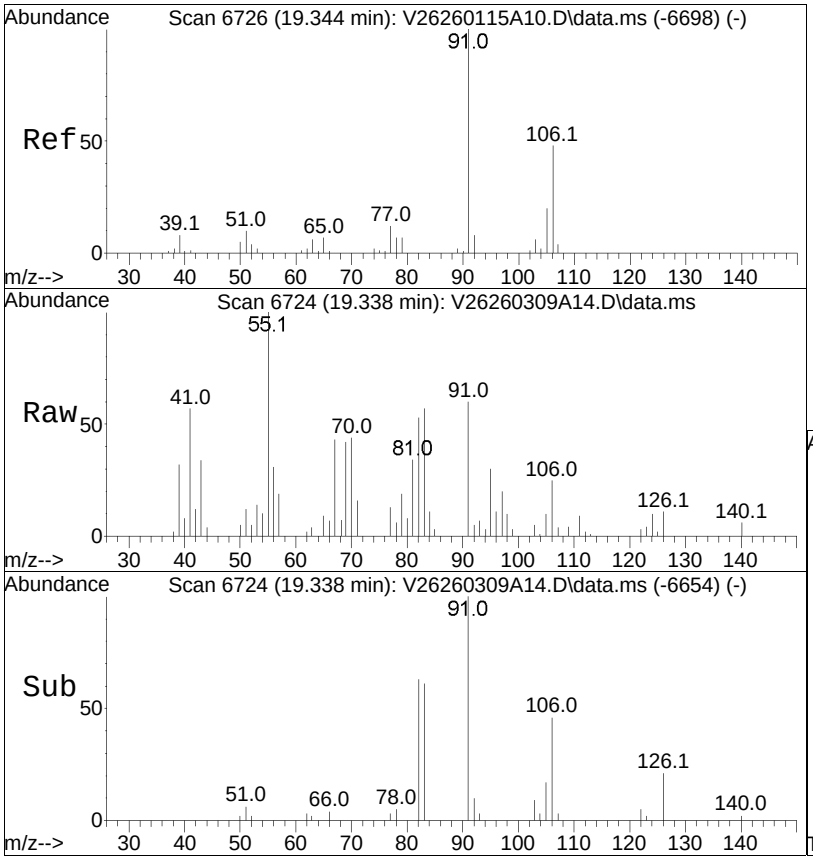


#85
p/m Xylene
Concen: 19.43 ug/L
RT: 18.337 min Scan# 6365
Delta R.T. -0.003 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion:106 Resp: 537962

Ion	Ratio	Lower	Upper
106	100		
91	204.9	147.9	221.9

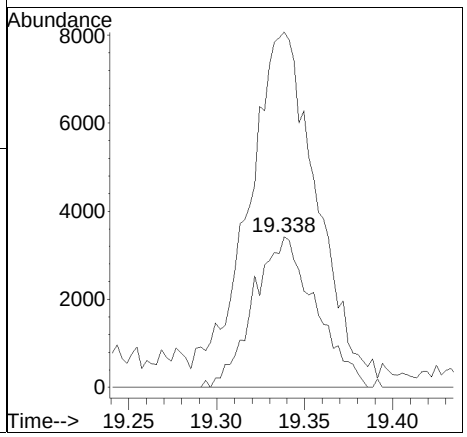


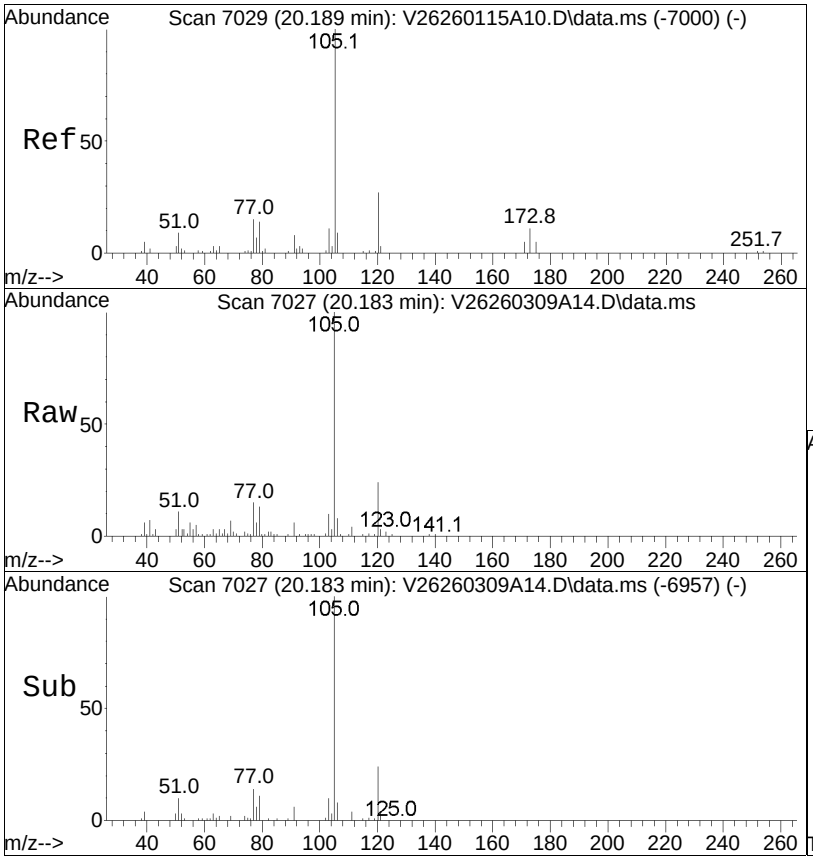


#86
o Xylene
Concen: 0.31 ug/L
RT: 19.338 min Scan# 6724
Delta R.T. -0.006 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion:106 Resp: 8347

Ion	Ratio	Lower	Upper
106	100		
91	248.9	155.0	232.6#

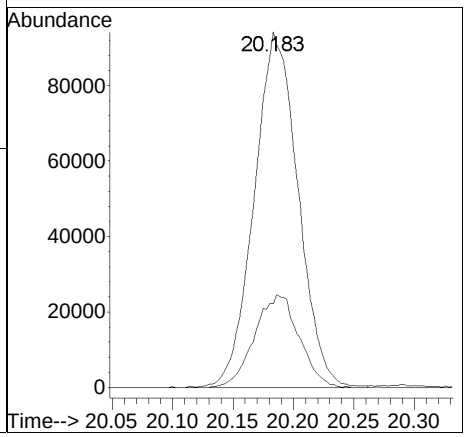


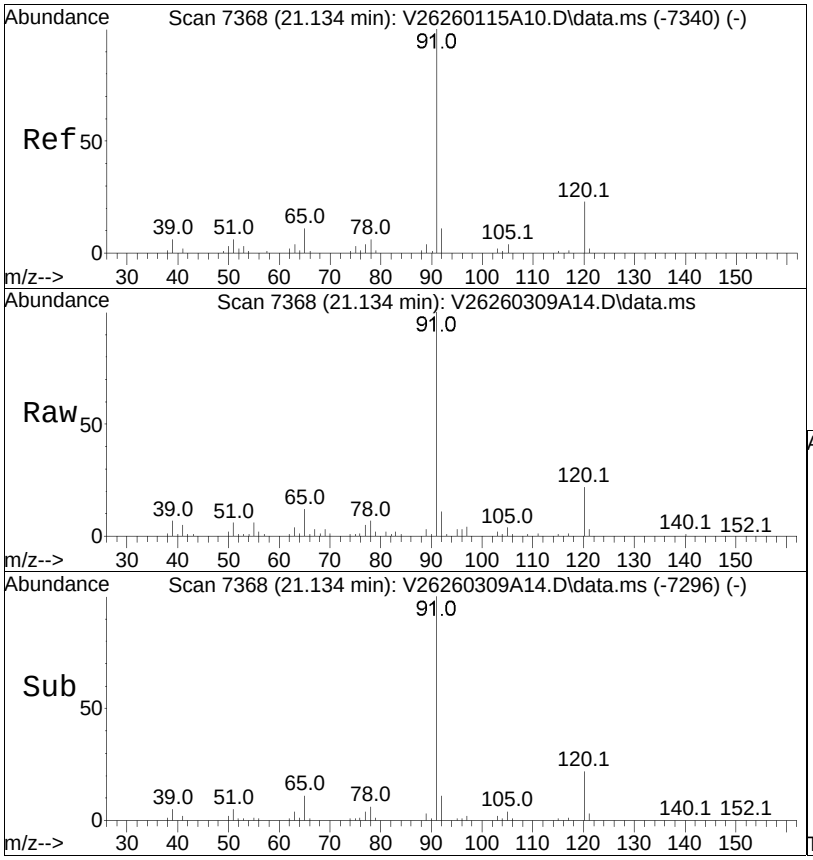


#91
Isopropylbenzene
Concen: 3.51 ug/L
RT: 20.183 min Scan# 7027
Delta R.T. -0.006 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion:105 Resp: 237676

Ion	Ratio	Lower	Upper
105	100		
120	26.4	8.4	48.4

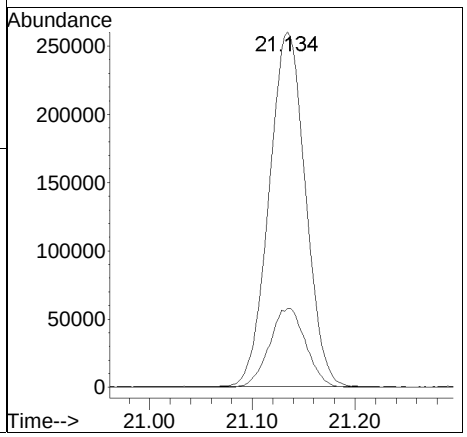


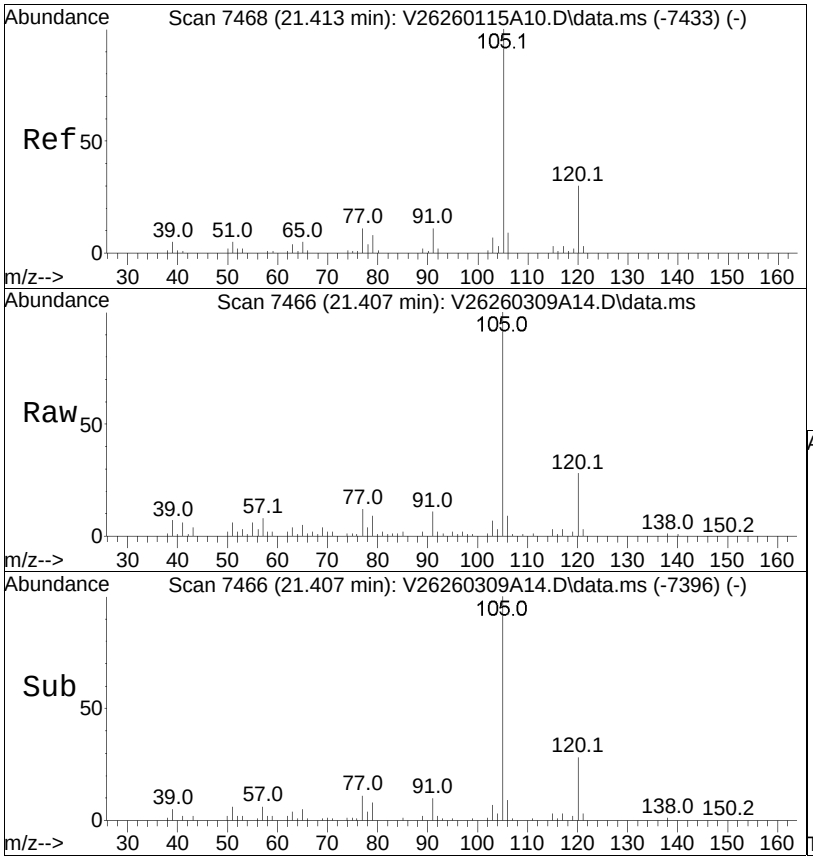


#95
n-Propylbenzene
Concen: 8.09 ug/L
RT: 21.134 min Scan# 7368
Delta R.T. 0.000 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion: 91 Resp: 638910

Ion	Ratio	Lower	Upper
91	100		
120	22.4	19.9	29.9

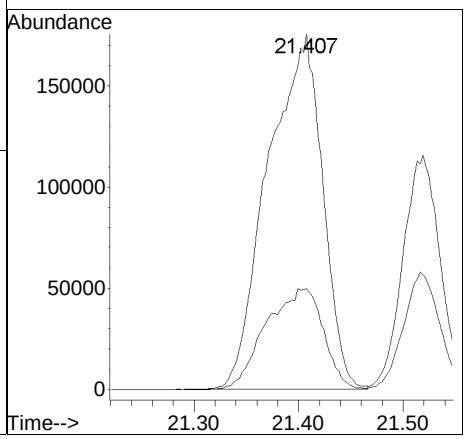


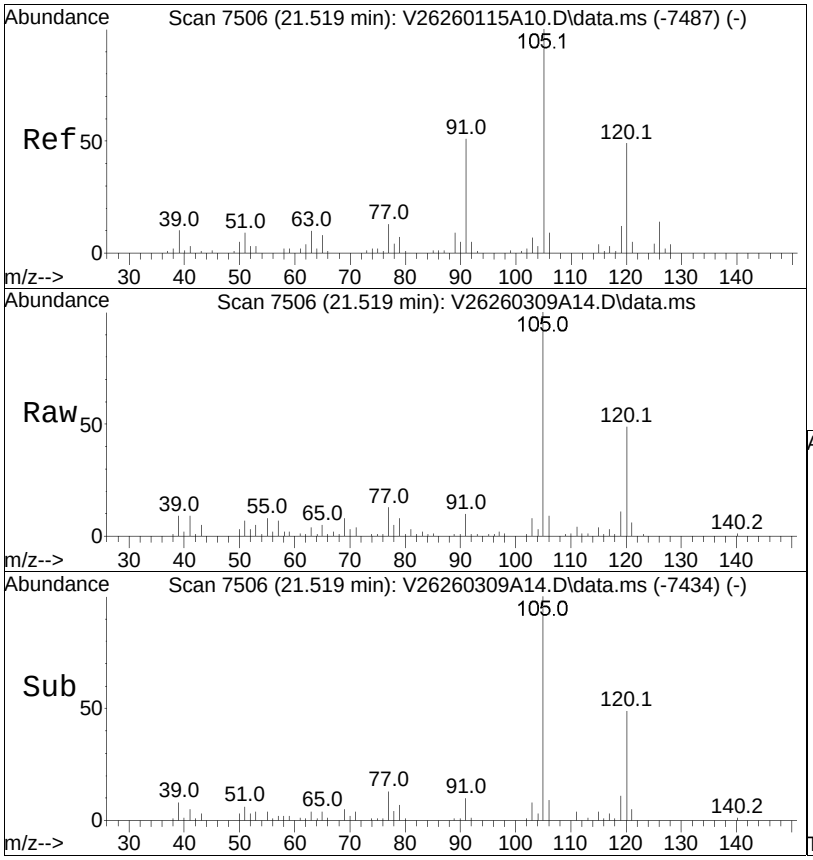


#98
4-Ethyltoluene
Concen: 9.86 ug/L
RT: 21.407 min Scan# 7466
Delta R.T. -0.006 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion:105 Resp: 635771

Ion	Ratio	Lower	Upper
105	100		
120	29.9	20.5	42.5

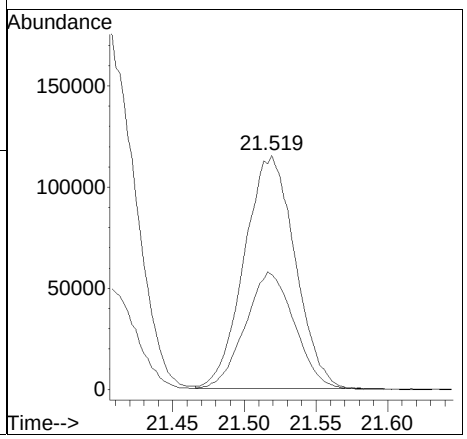


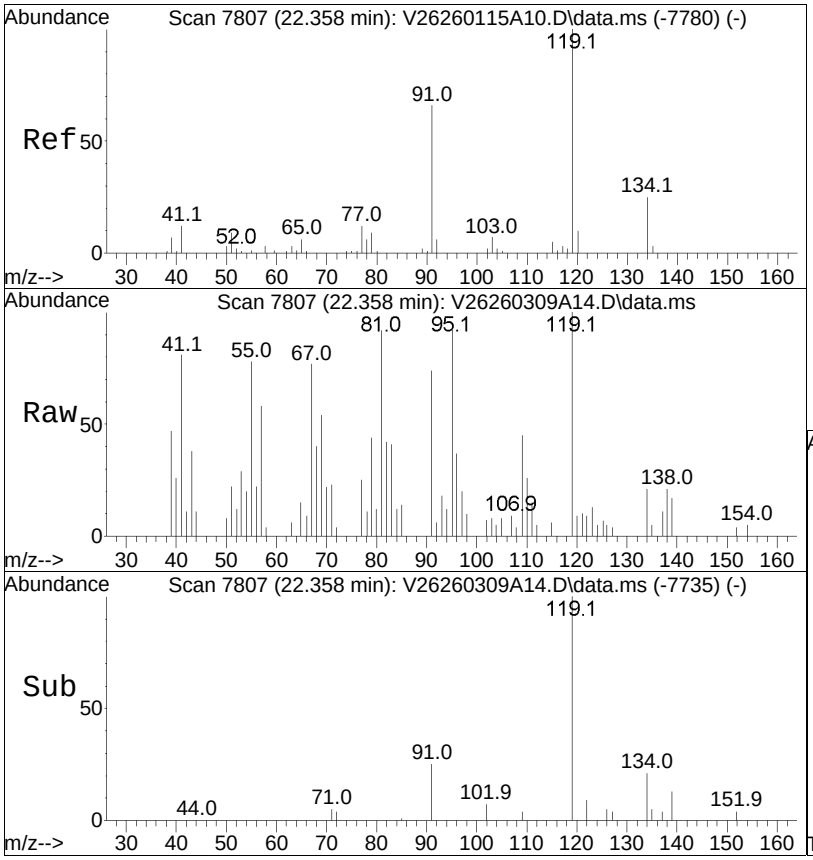


#100
1,3,5-Trimethylbenzene
Concen: 5.17 ug/L
RT: 21.519 min Scan# 7506
Delta R.T. -0.000 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion:105 Resp: 284515

Ion	Ratio	Lower	Upper
105	100		
120	49.2	41.4	62.0

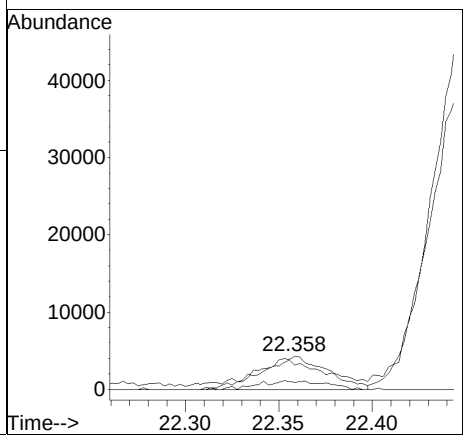


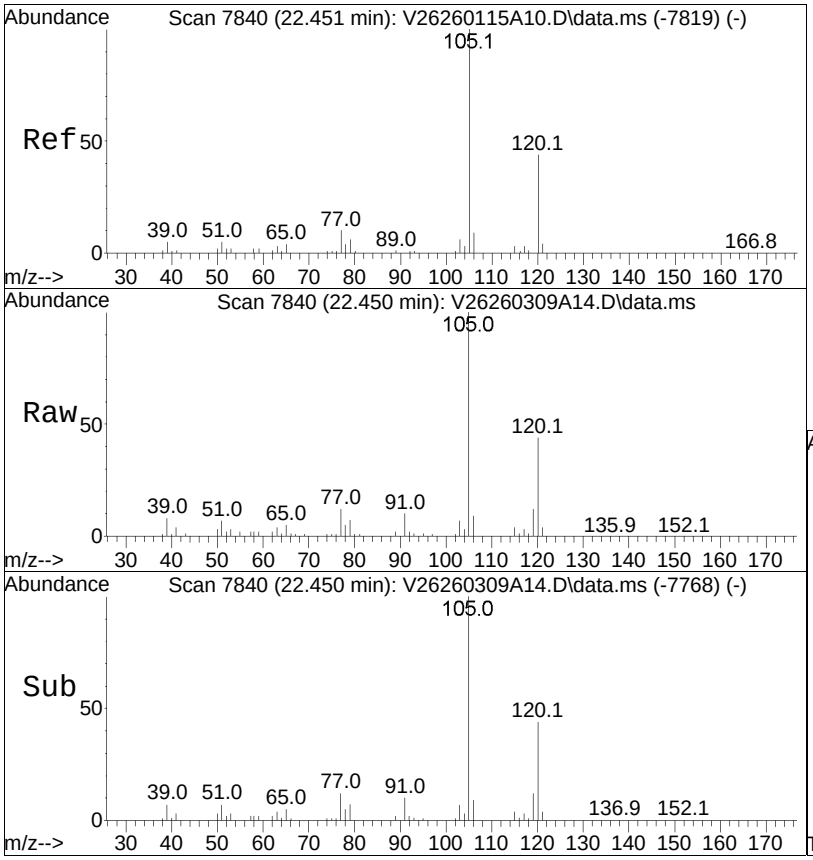


#104
tert-Butylbenzene
Concen: 0.23 ug/L
RT: 22.358 min Scan# 7807
Delta R.T. -0.000 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion:119 Resp: 10750

Ion	Ratio	Lower	Upper
119	100		
91	52.4	52.6	79.0#
134	17.7	20.7	31.1#

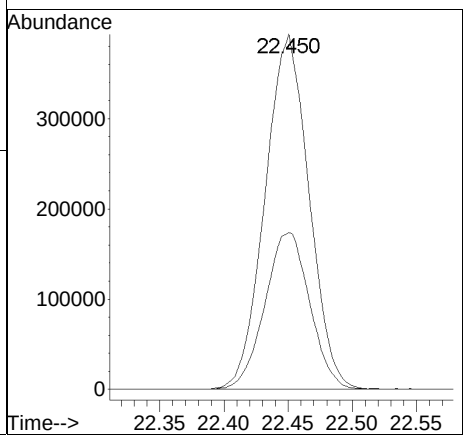


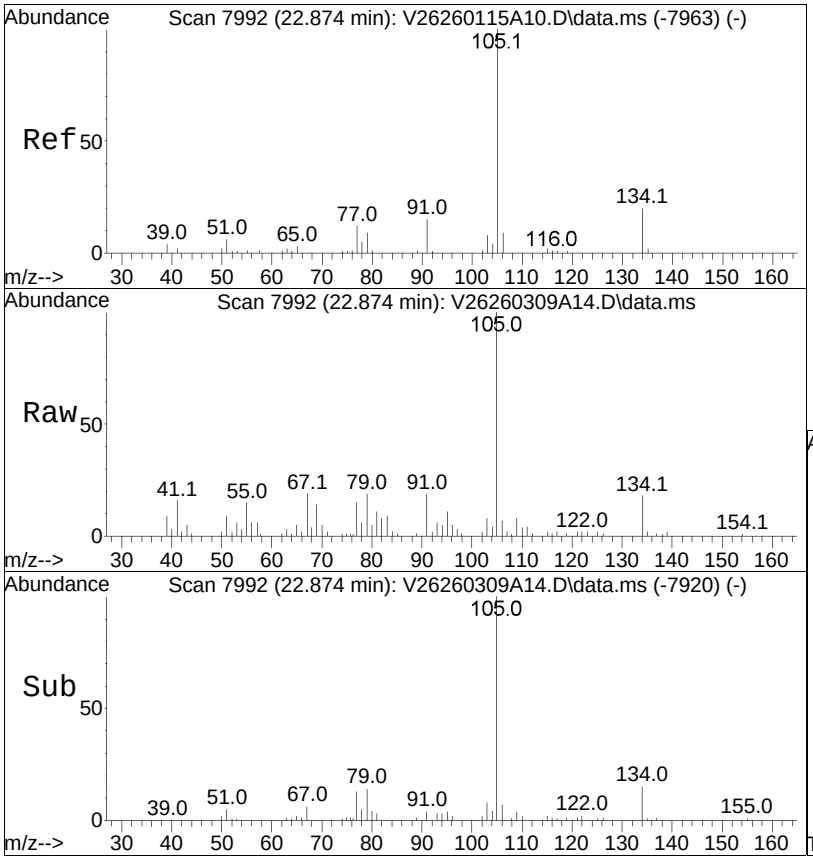


#107
1,2,4-Trimethylbenzene
Concen: 17.54 ug/L
RT: 22.450 min Scan# 7840
Delta R.T. -0.000 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion:105 Resp: 936363

Ion	Ratio	Lower	Upper
105	100		
120	45.2	38.7	58.1

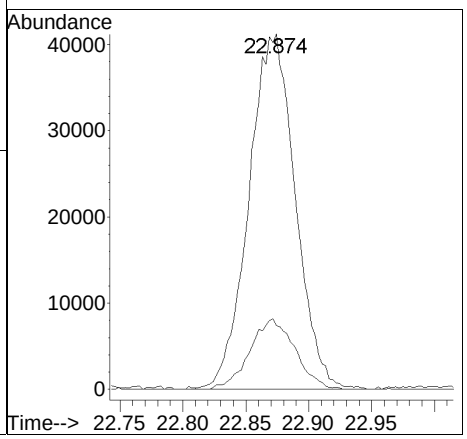


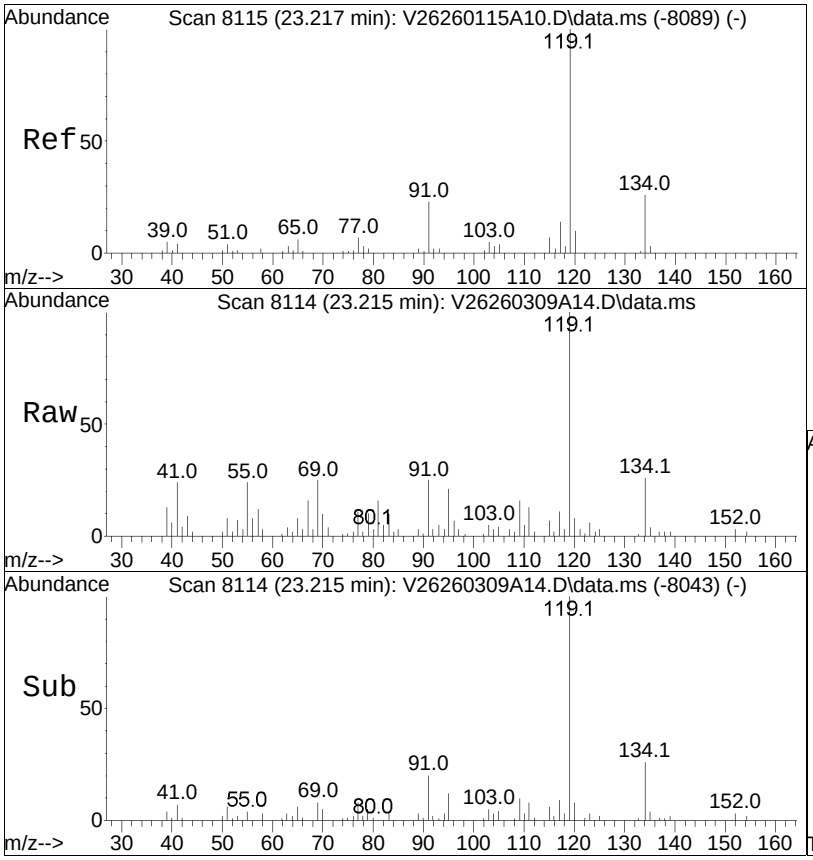


#109
sec-Butylbenzene
Concen: 1.52 ug/L
RT: 22.874 min Scan# 7992
Delta R.T. -0.000 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion:105 Resp: 105808

Ion	Ratio	Lower	Upper
105	100		
134	19.3	14.0	29.0

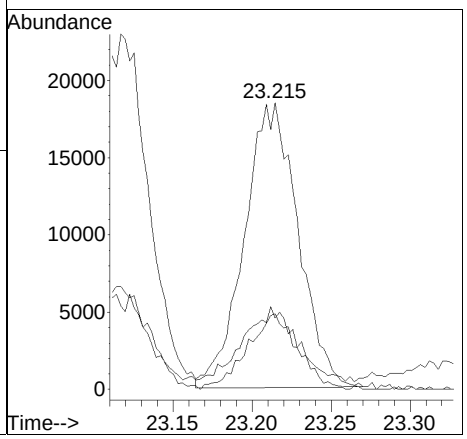


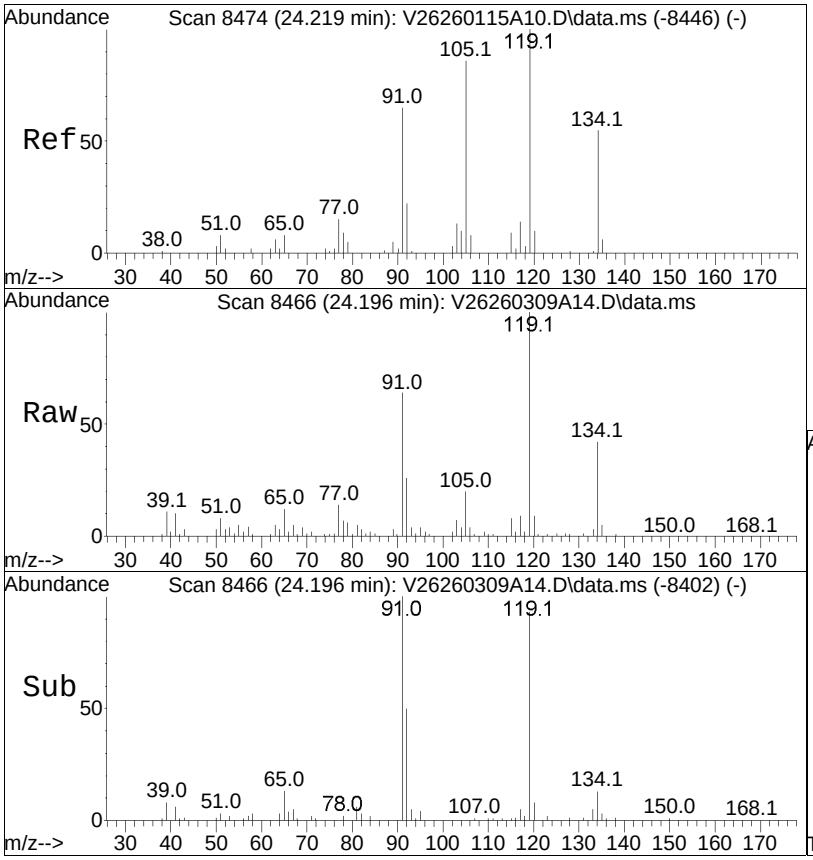


#110
p-Isopropyltoluene
Concen: 0.73 ug/L
RT: 23.215 min Scan# 8114
Delta R.T. -0.003 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion:119 Resp: 43523

Ion	Ratio	Lower	Upper
119	100		
134	25.0	18.0	37.4
91	26.2	15.3	31.9

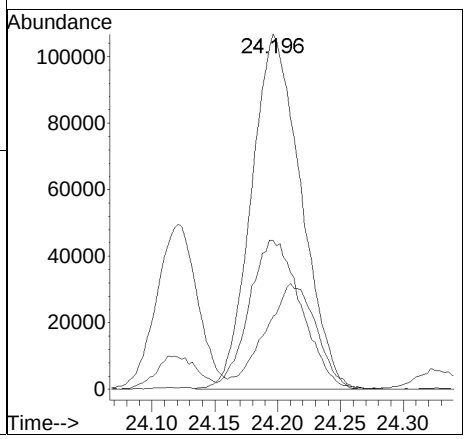


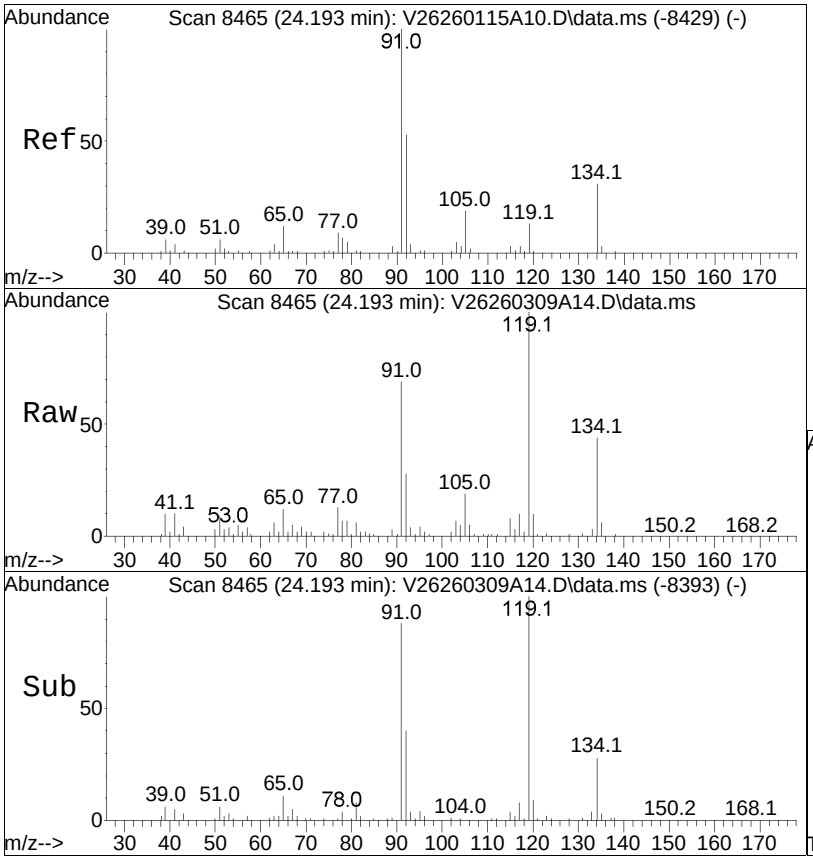


#115
p-Diethylbenzene
Concen: 8.10 ug/L
RT: 24.196 min Scan# 8466
Delta R.T. -0.022 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion:119 Resp: 293484

Ion	Ratio	Lower	Upper
119	100		
105	30.5	62.7	130.3#
134	43.9	55.7	115.7#

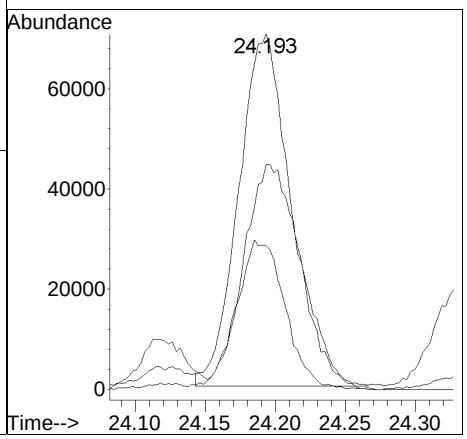


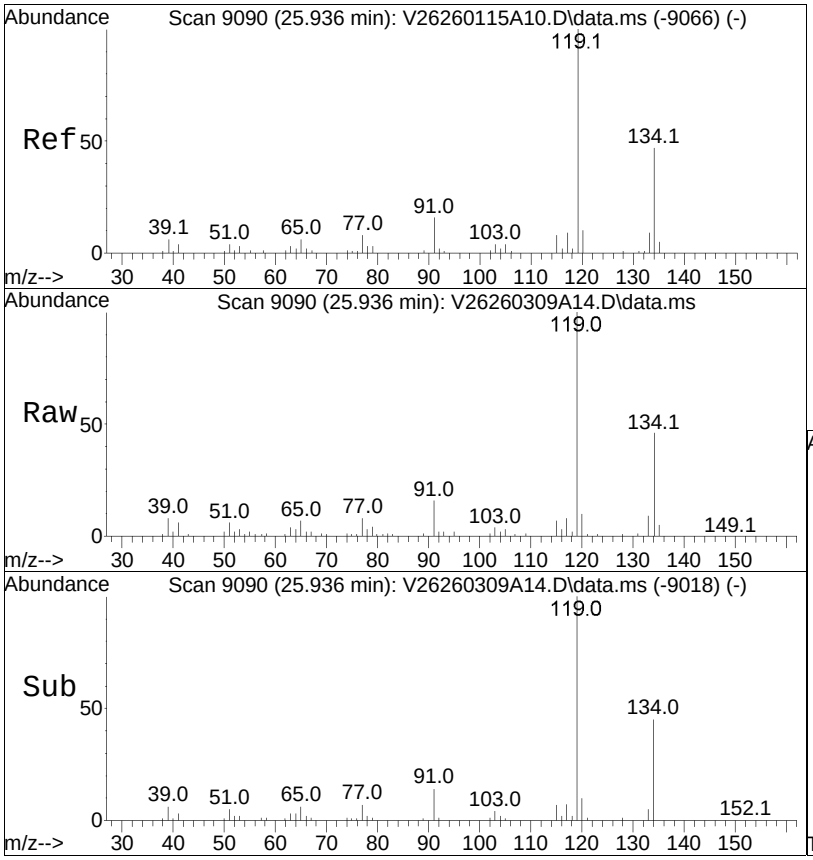


#116
n-Butylbenzene
Concen: 2.74 ug/L
RT: 24.193 min Scan# 8465
Delta R.T. -0.000 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion: 91 Resp: 182779

Ion	Ratio	Lower	Upper
91	100		
92	39.1	38.2	57.4
134	70.5	39.1	58.7#

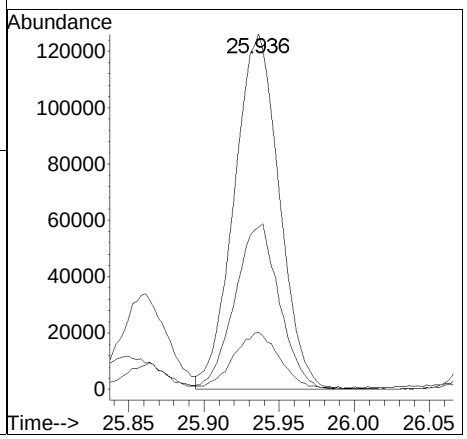


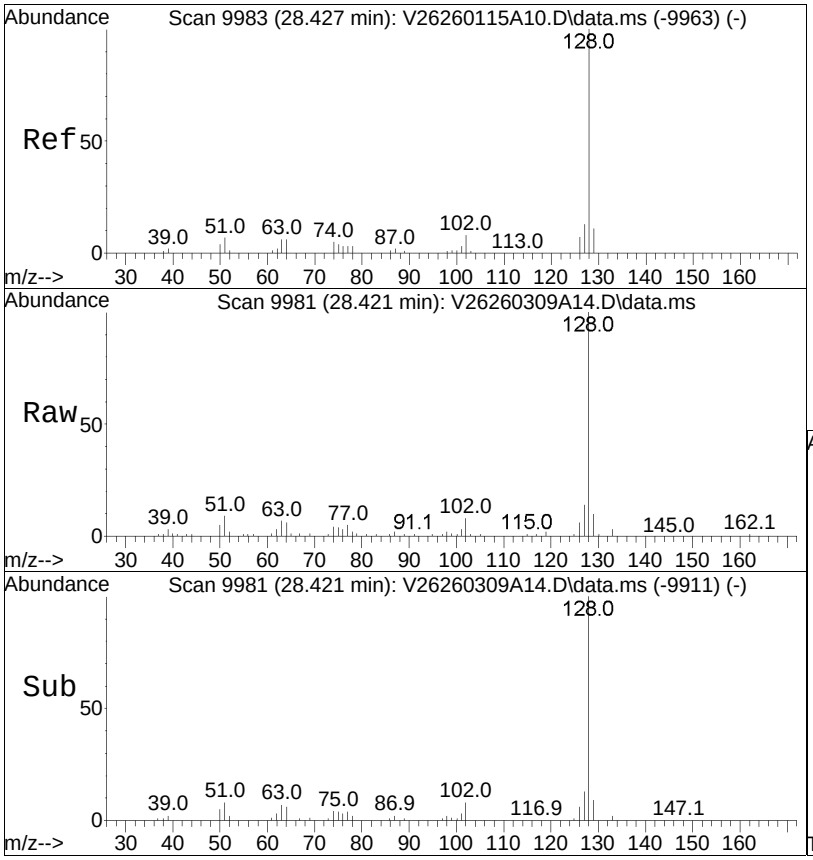


#120
1,2,4,5-Tetramethylbenzene
Concen: 5.00 ug/L
RT: 25.936 min Scan# 9090
Delta R.T. -0.000 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

Tgt Ion:119 Resp: 262493

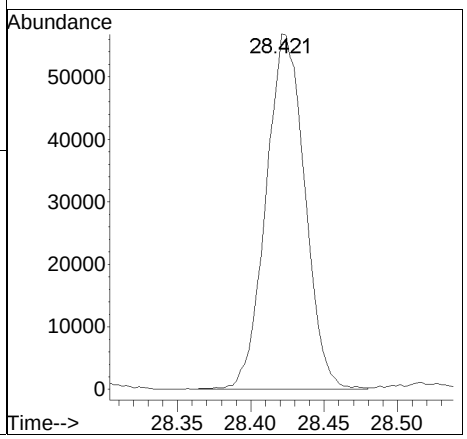
Ion	Ratio	Lower	Upper
119	100		
134	46.0	32.8	68.2
91	16.1	10.7	22.3





#126
Naphthalene
Concen: 3.23 ug/L
RT: 28.421 min Scan# 9981
Delta R.T. -0.006 min
Lab File: V26260309A14.D
Acq: 09 Mar 2026 05:54 pm

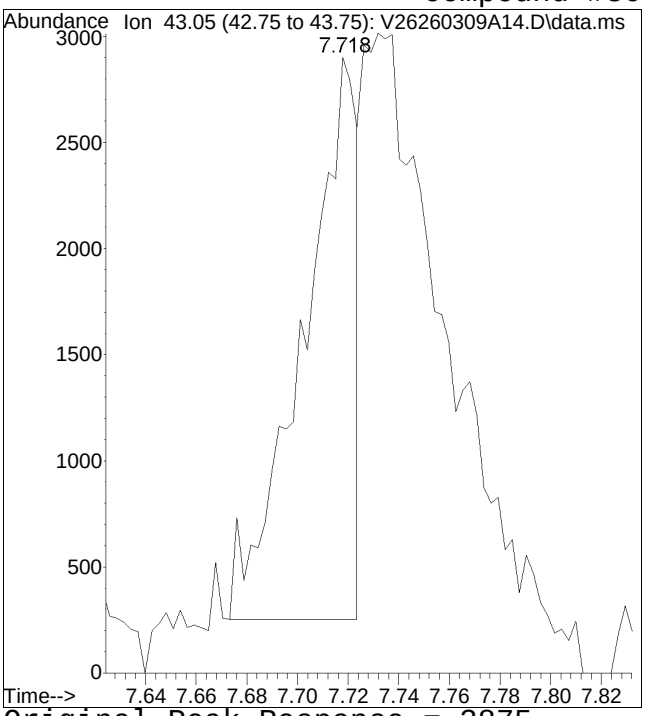
Tgt Ion:128 Resp: 104875



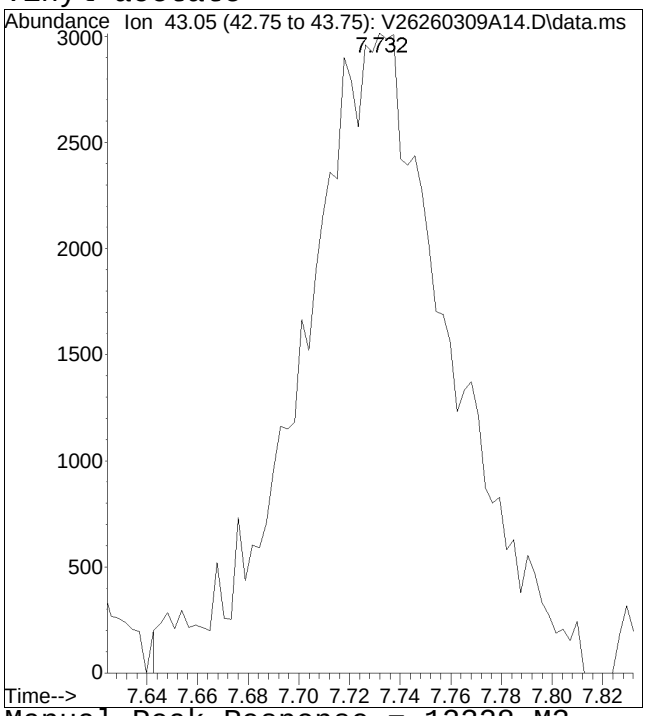
Manual Integration Report

Data Path : K:\VOA126\2026\260309A\ QMethod : V126_260115A_8260.m
Data File : V26260309A14.D Operator : VOA126:BAD
Date Inj'd : 3/9/2026 5:54 pm Instrument : VOA126
Sample : L2612196-08,31,5.81,5,,C,3 Quant Date : 3/10/2026 8:33 am

Compound #30: Vinyl acetate



Original Peak Response = 3875
M3 = Wrong Peak Identified



Manual Peak Response = 12328 M3

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A11.D
Acq On : 09 Mar 2026 03:57 pm
Operator : VOA126:JIC
Sample : L2612196-05D,31H,5.75,5,0.005,,A,29.47,35.72,
Misc : WG2183848,ICAL22967
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 10 09:08:26 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-1,2,4-TMB - 1,2,4-Trimethylbenzene only

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	11.268	96	1179997	20.000	ug/L	0.00
Standard Area 1 = 1096647			Recovery = 107.60%			
63) Chlorobenzene-d5	17.944	117	844960	20.000	ug/L	0.00
Standard Area 1 = 791330			Recovery = 106.78%			
88) 1,4-Dichlorobenzene-d4	23.591	152	400439	20.000	ug/L	0.00
Standard Area 1 = 374599			Recovery = 106.90%			
System Monitoring Compounds						
39) Dibromofluoromethane	9.645	113	277841	19.103	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.52%			
47) 1,2-Dichloroethane-d4	10.635	65	295103	20.519	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.60%			
65) Toluene-d8	14.592	98	1163820	21.160	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.80%			
92) 4-Bromofluorobenzene	20.774	95	408336	20.989	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.94%			
Target Compounds						Qvalue
107) 1,2,4-Trimethylbenzene	22.450	105	3430056	66.577	ug/L	96

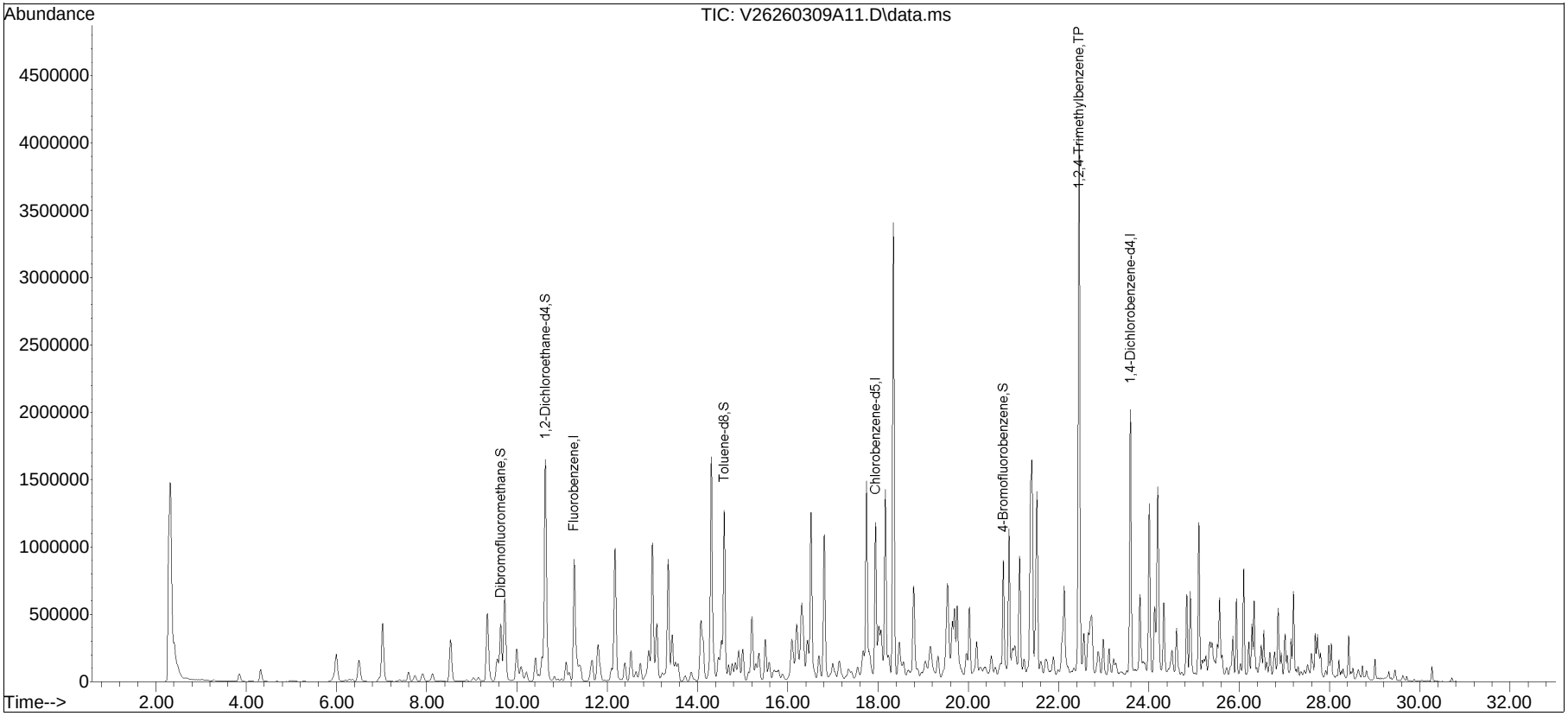
(#) = qualifier out of range (m) = manual integration (+) = signals summed

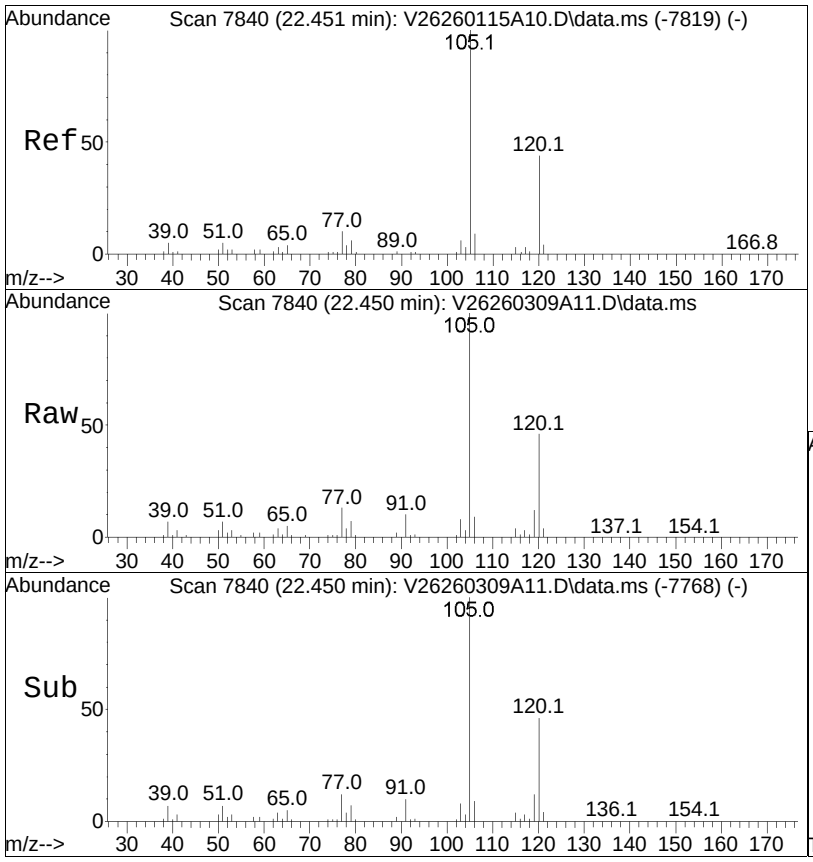
Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A11.D
Acq On : 09 Mar 2026 03:57 pm
Operator : VOA126:JIC
Sample : L2612196-05D,31H,5.75,5,0.005,,A,29.47,35.72,
Misc : WG2183848,ICAL22967
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 10 09:08:26 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

Sub List : 8260-1,2,4-TMB - 1,2,4-Trimethylbenzene only

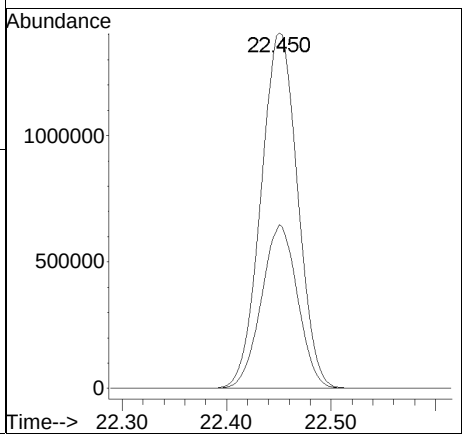




#107
1,2,4-Trimethylbenzene
Concen: 66.58 ug/L
RT: 22.450 min Scan# 7840
Delta R.T. -0.000 min
Lab File: V26260309A11.D
Acq: 09 Mar 2026 03:57 pm

Tgt Ion:105 Resp: 3430056

Ion	Ratio	Lower	Upper
105	100		
120	45.5	38.7	58.1



Manual Integration Report

Data Path	: K:\VOA126\2026\260309A\	QMethod	: V126_260115A_8260.m
Data File	: V26260309A11.D	Operator	: VOA126:JIC
Date Inj'd	: 3/9/2026 3:57 pm	Instrument	: VOA126
Sample	: L2612196-05D,31H,5.75,5,0.	Quant Date	: 3/10/2026 8:33 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A24.D
Acq On : 10 Mar 2026 05:29 pm
Operator : VOA111:JIC
Sample : L2612196-06,31H,6.06,5,0.100,,A,29.87,36.43,0
Misc : WG2183467,ICAL22987
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 11 06:28:22 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.201	96	179466	20.000	ug/L	0.00
Standard Area 1 = 173144			Recovery = 103.65%			
59) Chlorobenzene-d5	9.774	117	131969	20.000	ug/L	0.00
Standard Area 1 = 127198			Recovery = 103.75%			
79) 1,4-Dichlorobenzene-d4	12.431	152	73746	20.000	ug/L	0.00
Standard Area 1 = 64537			Recovery = 114.27%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.376	113	42732	19.096	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.48%			
43) 1,2-Dichloroethane-d4	5.911	65	49150	23.154	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 115.77%			
60) Toluene-d8	7.914	98	188209	22.083	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 110.41%			
83) 4-Bromofluorobenzene	11.240	95	90695	26.876	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 134.38%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.879	50	28	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.267	94	141	N.D.		
6) Chloroethane	2.395	64	66	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.086	76	684	N.D.		
15) Methylene chloride	3.636	84	2398	0.969	ug/L	76
17) Acetone	0.000		0	N.D. d		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	3.898	73	92	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	4.506	53	30	N.D.		
27) Vinyl acetate	4.796	43	35	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	4.994	77	128	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	5.197	83	300	N.D.		

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A24.D
Acq On : 10 Mar 2026 05:29 pm
Operator : VOA111:JIC
Sample : L2612196-06,31H,6.06,5,0.100,,A,29.87,36.43,0
Misc : WG2183467,ICAL22987
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 11 06:28:22 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	5.448	75	25	N.D.		
41) Benzene	5.906	78	71	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.	d	
50) Dibromomethane	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	6.932	63	33	N.D.		
54) Bromodichloromethane	6.985	83	82	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.983	92	1537M1	0.282	ug/L	
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d	
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.	d	
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	9.807	112	47	N.D.		
74) Ethylbenzene	9.829	91	184984	17.638	ug/L	99
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	10.016	106	117881	29.768	ug/L	93
77) o Xylene	10.566	106	2082M1	0.515	ug/L	
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.920	105	127654	11.616	ug/L	97
84) Bromobenzene	11.508	156	26	N.D.		
85) n-Propylbenzene	11.391	91	390214	30.366	ug/L	97
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d	
88) 4-Ethyltoluene	11.514	105	235426	21.721	ug/L	98
89) 2-Chlorotoluene	0.000		0	N.D.	d	
90) 1,3,5-Trimethylbenzene	11.609	105	102382	10.813	ug/L	95
91) 1,2,3-Trichloropropane	0.000		0	N.D.	d	
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
93) 4-Chlorotoluene	0.000		0	N.D.	d	
94) tert-Butylbenzene	11.952	119	6095M1	0.769	ug/L	

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A24.D
Acq On : 10 Mar 2026 05:29 pm
Operator : VOA111:JIC
Sample : L2612196-06,31H,6.06,5,0.100,,A,29.87,36.43,0
Misc : WG2183467,ICAL22987
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 11 06:28:22 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.019	105	385784	41.335	ug/L	96
98) sec-Butylbenzene	12.133	105	73318	6.273	ug/L #	66
99) p-Isopropyltoluene	12.283	119	48978	4.798	ug/L	93
100) 1,3-Dichlorobenzene	0.000		0	N.D.		
101) 1,4-Dichlorobenzene	0.000		0	N.D.		
102) p-Diethylbenzene	12.652	119	58237M3	9.605	ug/L	
103) n-Butylbenzene	12.710	91	126625	13.742	ug/L	96
104) 1,2-Dichlorobenzene	12.763	146	27	N.D.		
105) 1,2,4,5-Tetramethylben...	13.435	119	204341	22.087	ug/L #	94
106) 1,2-Dibromo-3-chloropr...	13.619	155	27	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.266	180	87	N.D.		
110) Naphthalene	14.559	128	50859	8.755	ug/L	100
111) 1,2,3-Trichlorobenzene	14.746	180	109	N.D.		

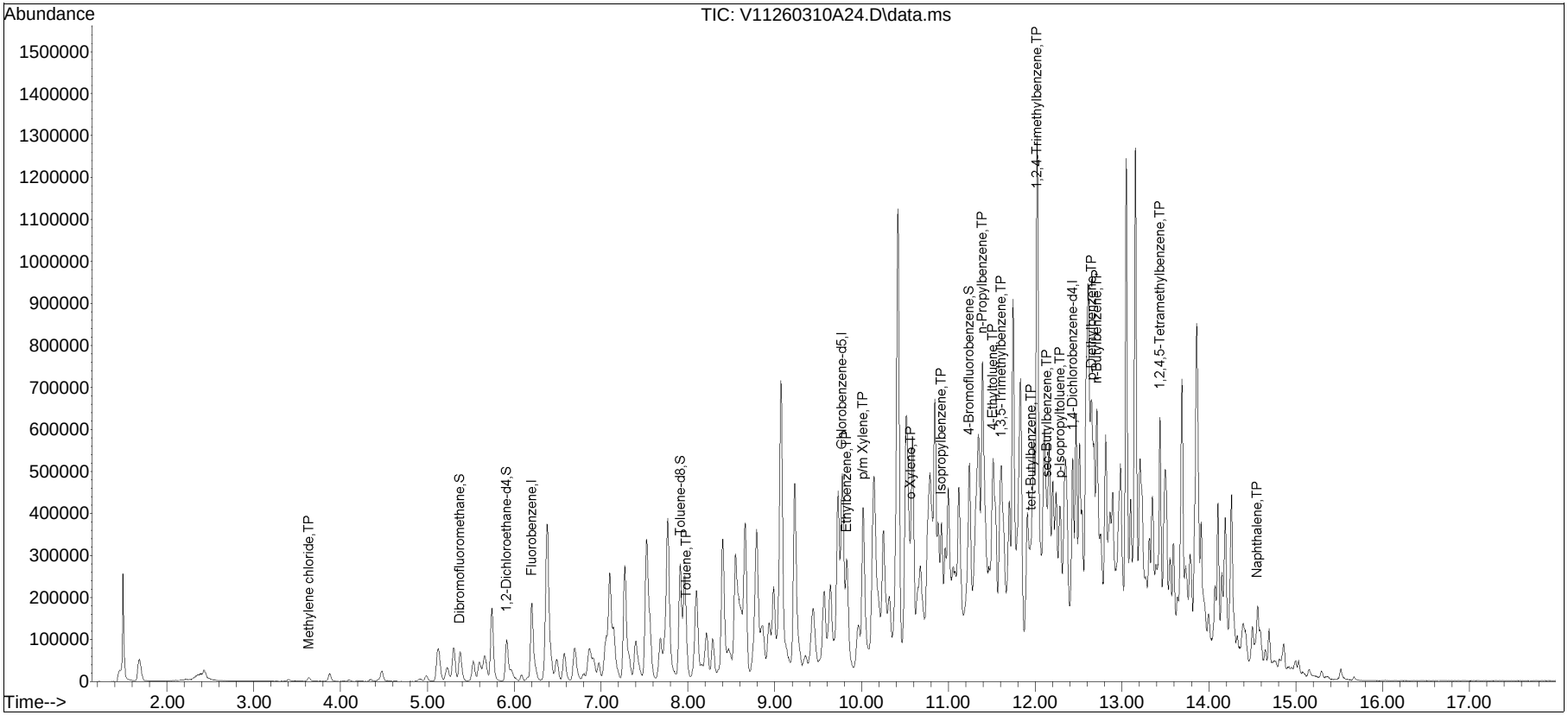
(#) = qualifier out of range (m) = manual integration (+) = signals summed

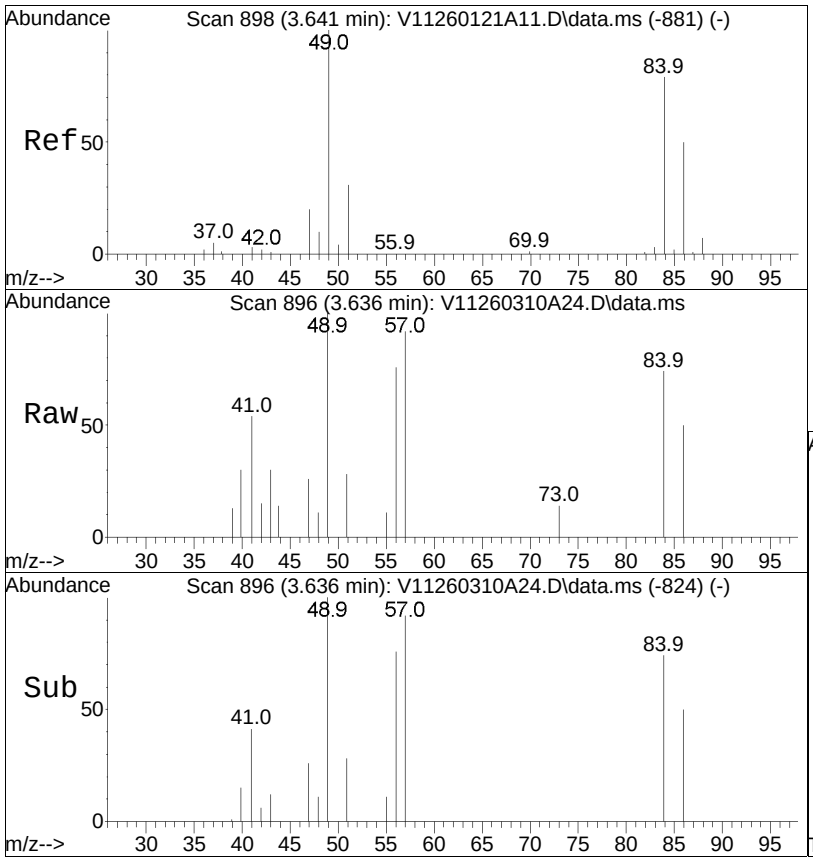
Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A24.D
Acq On : 10 Mar 2026 05:29 pm
Operator : VOA111:JIC
Sample : L2612196-06,31H,6.06,5,0.100,,A,29.87,36.43,0
Misc : WG2183467,ICAL22987
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 11 06:28:22 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox260310A02.D•

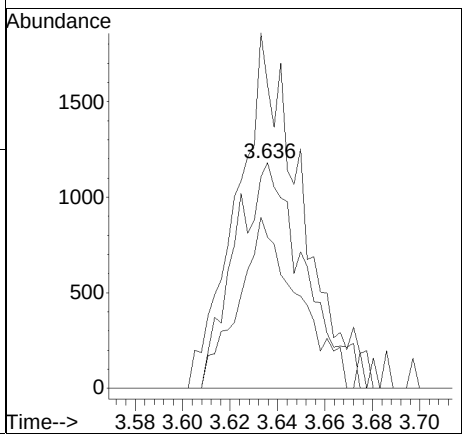


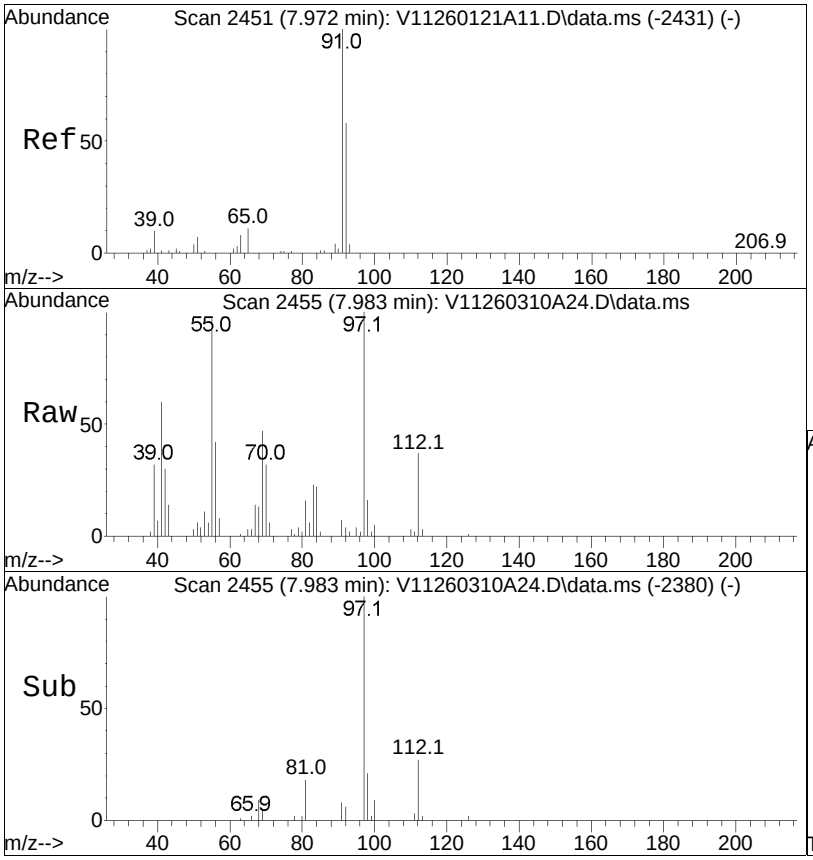


#15
Methylene chloride
Concen: 0.97 ug/L
RT: 3.636 min Scan# 896
Delta R.T. 0.000 min
Lab File: V11260310A24.D
Acq: 10 Mar 2026 05:29 pm

Tgt Ion: 84 Resp: 2398

Ion	Ratio	Lower	Upper
84	100		
86	65.1	41.1	85.3
49	146.2	124.2	258.0

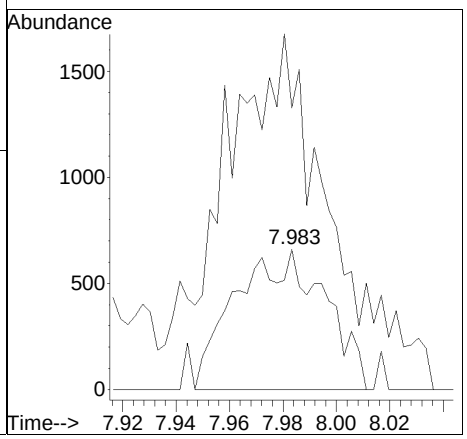


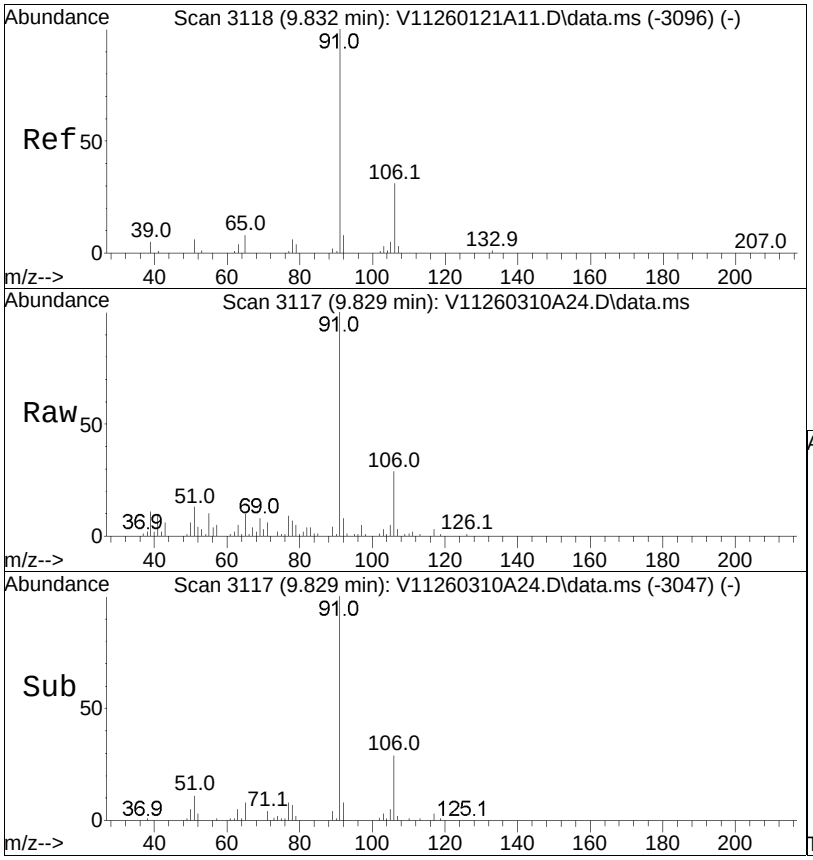


#61
Toluene
Concen: 0.28 ug/L M1
RT: 7.983 min Scan# 2455
Delta R.T. 0.008 min
Lab File: V11260310A24.D
Acq: 10 Mar 2026 05:29 pm

Tgt Ion: 92 Resp: 1537

Ion	Ratio	Lower	Upper
92	100		
91	68.5	133.7	200.5#

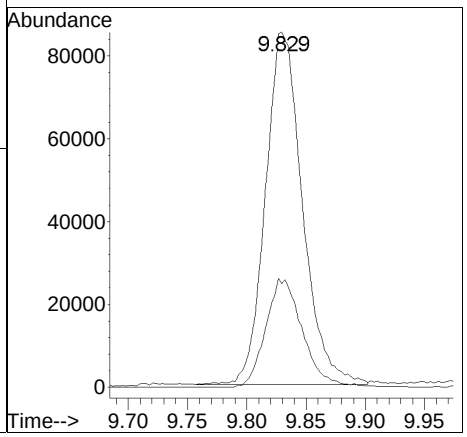


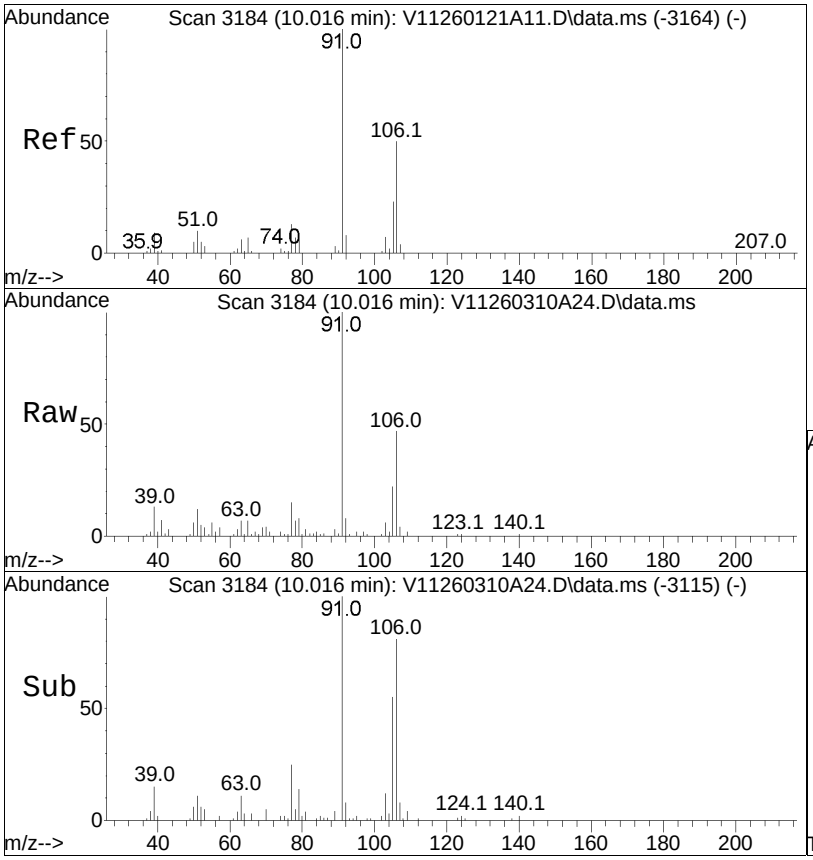


#74
Ethylbenzene
Concen: 17.64 ug/L
RT: 9.829 min Scan# 3117
Delta R.T. -0.006 min
Lab File: V11260310A24.D
Acq: 10 Mar 2026 05:29 pm

Tgt Ion: 91 Resp: 184984

Ion	Ratio	Lower	Upper
91	100		
106	30.5	25.0	37.4

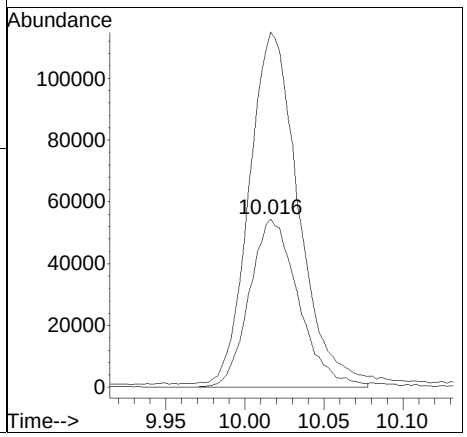


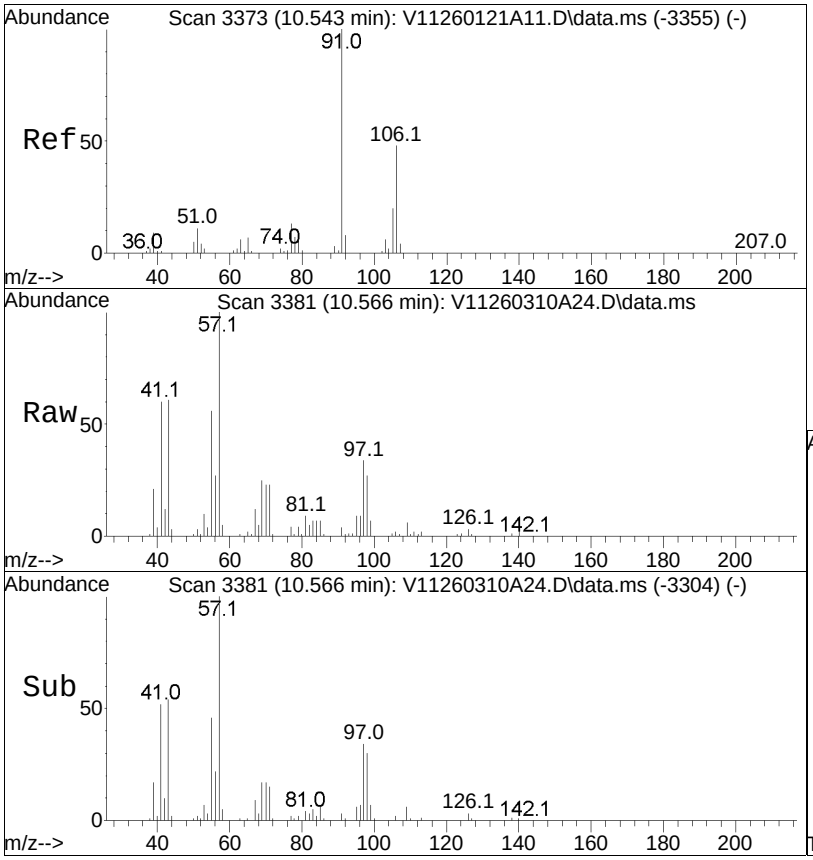


#76
p/m Xylene
Concen: 29.77 ug/L
RT: 10.016 min Scan# 3184
Delta R.T. -0.008 min
Lab File: V11260310A24.D
Acq: 10 Mar 2026 05:29 pm

Tgt Ion:106 Resp: 117881

Ion	Ratio	Lower	Upper
106	100		
91	210.3	159.3	238.9

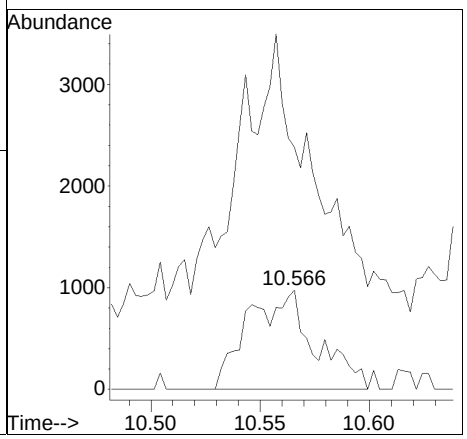


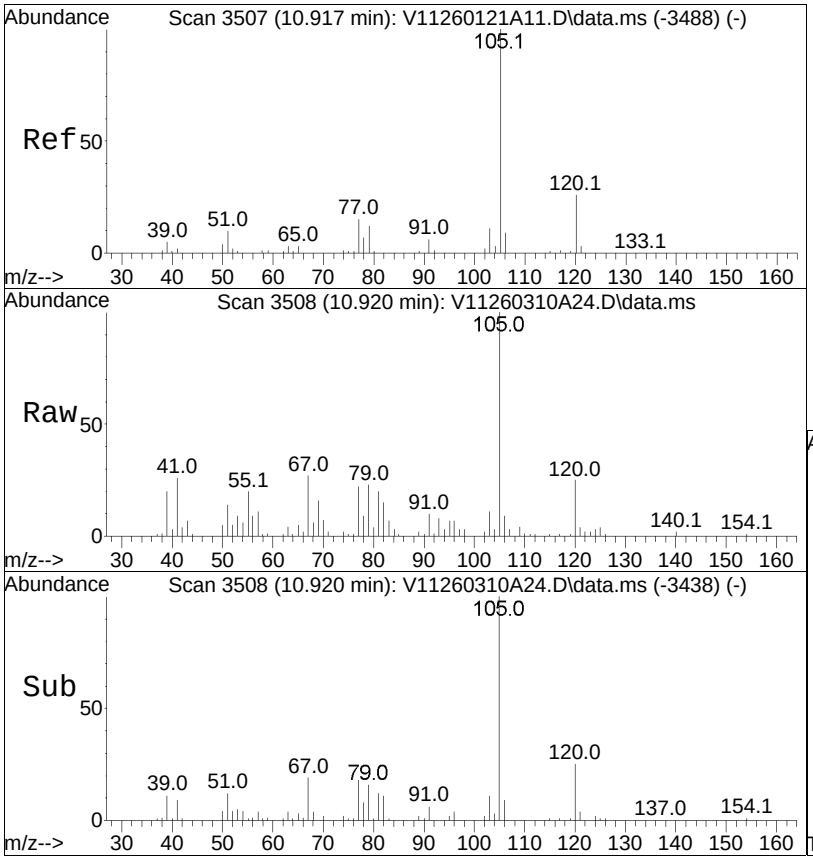


#77
o Xylene
Concen: 0.52 ug/L M1
RT: 10.566 min Scan# 3381
Delta R.T. 0.014 min
Lab File: V11260310A24.D
Acq: 10 Mar 2026 05:29 pm

Tgt Ion:106 Resp: 2082

Ion	Ratio	Lower	Upper
106	100		
91	72.8	170.2	255.2#

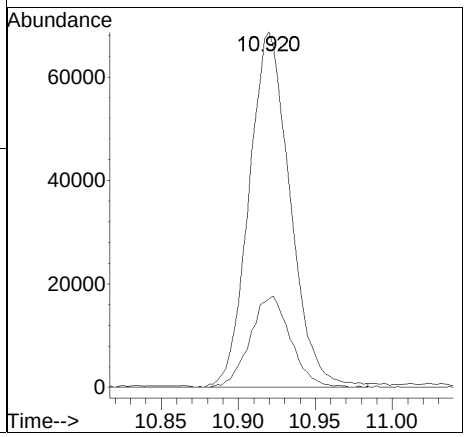


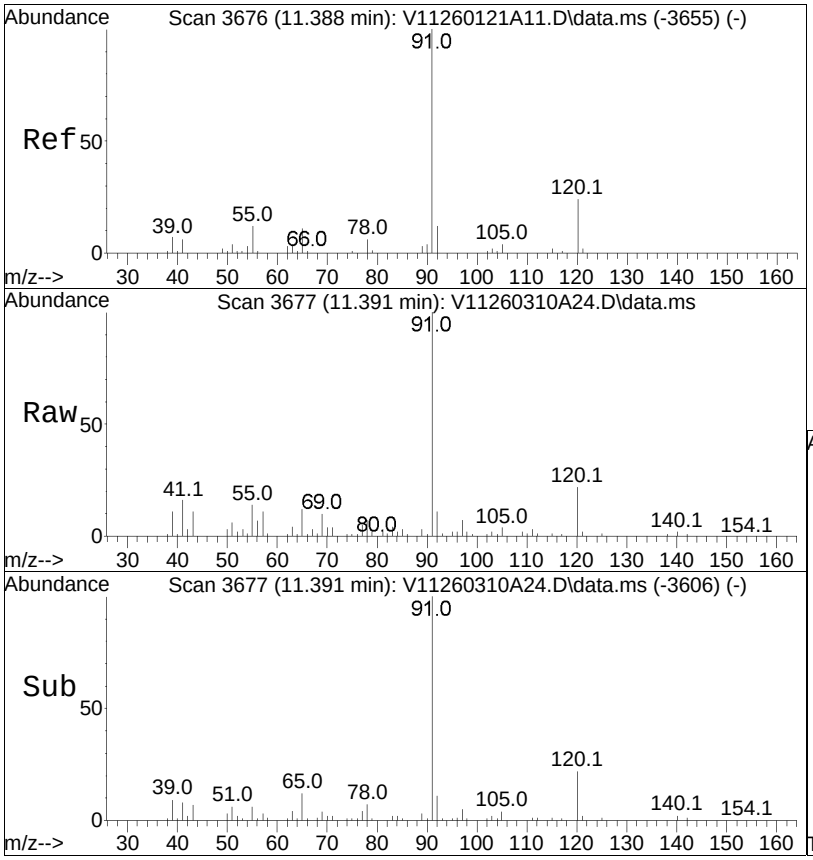


#82
Isopropylbenzene
Concen: 11.62 ug/L
RT: 10.920 min Scan# 3508
Delta R.T. -0.006 min
Lab File: V11260310A24.D
Acq: 10 Mar 2026 05:29 pm

Tgt Ion:105 Resp: 127654

Ion	Ratio	Lower	Upper
105	100		
120	25.3	6.9	46.9

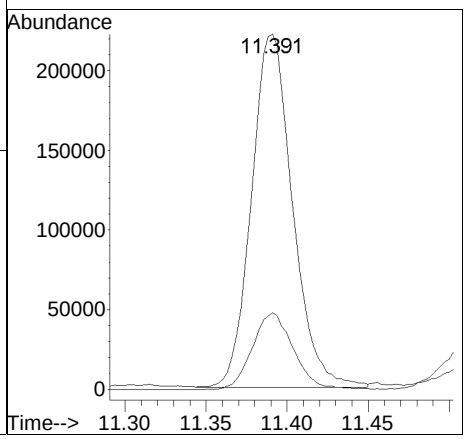


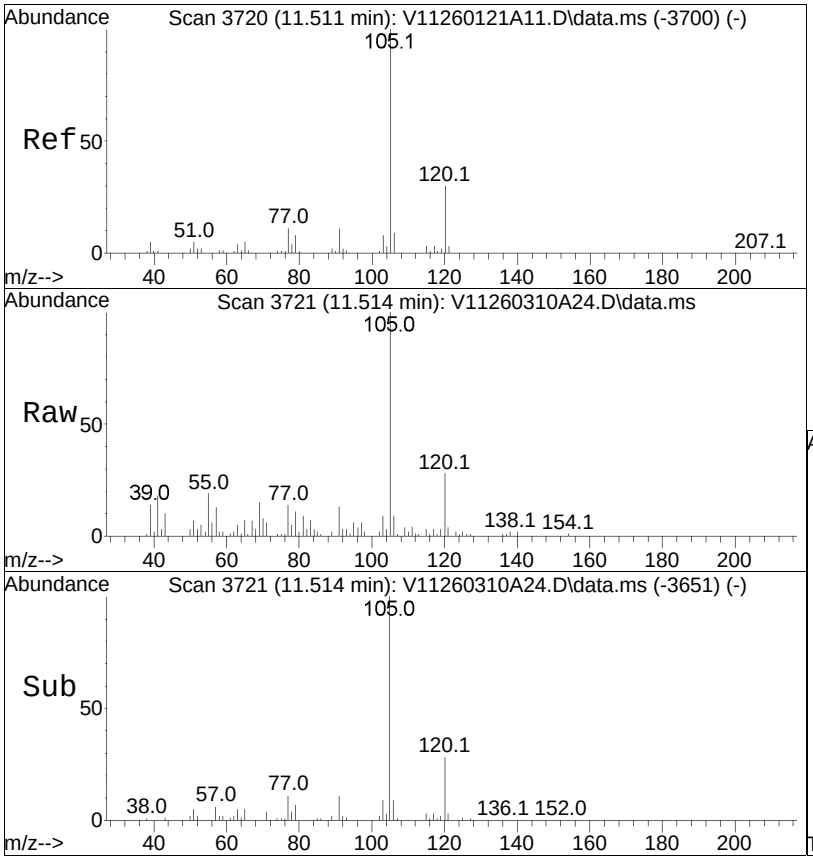


#85
n-Propylbenzene
Concen: 30.37 ug/L
RT: 11.391 min Scan# 3677
Delta R.T. -0.003 min
Lab File: V11260310A24.D
Acq: 10 Mar 2026 05:29 pm

Tgt Ion: 91 Resp: 390214

Ion	Ratio	Lower	Upper
91	100		
120	21.6	18.6	27.8

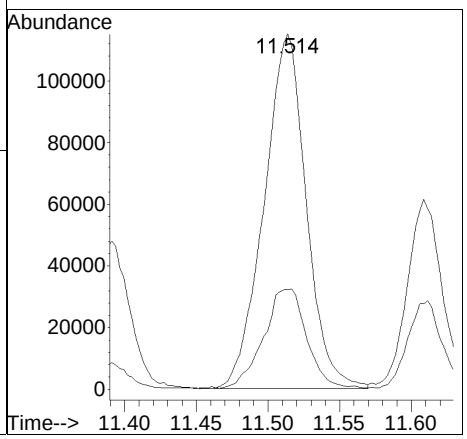


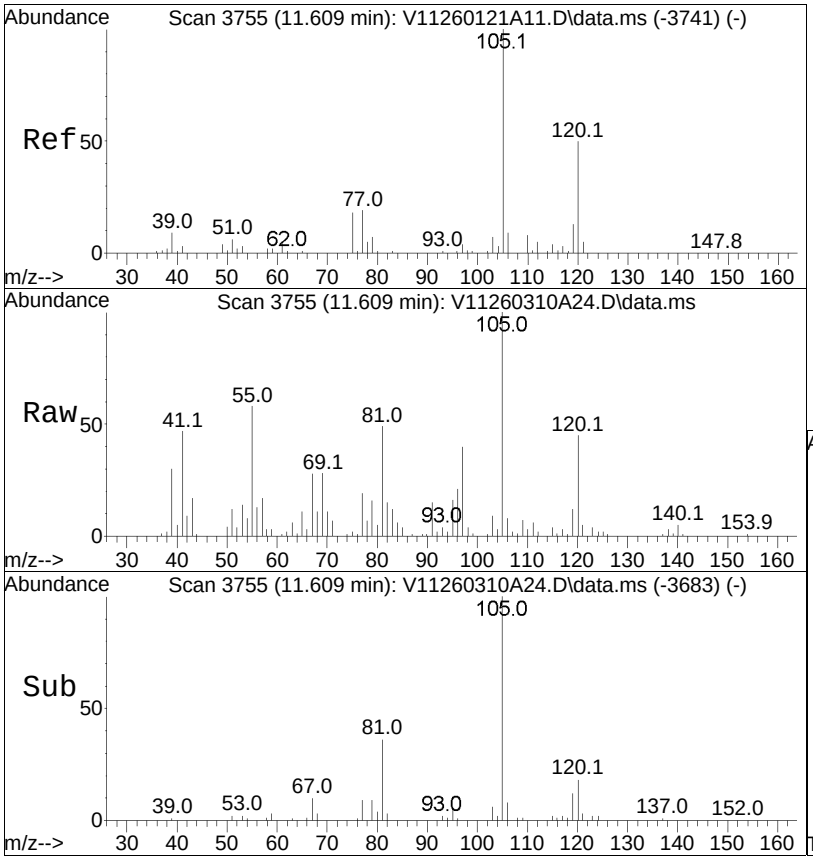


#88
4-Ethyltoluene
Concen: 21.72 ug/L
RT: 11.514 min Scan# 3721
Delta R.T. -0.006 min
Lab File: V11260310A24.D
Acq: 10 Mar 2026 05:29 pm

Tgt Ion:105 Resp: 235426

Ion	Ratio	Lower	Upper
105	100		
120	28.9	19.5	40.5

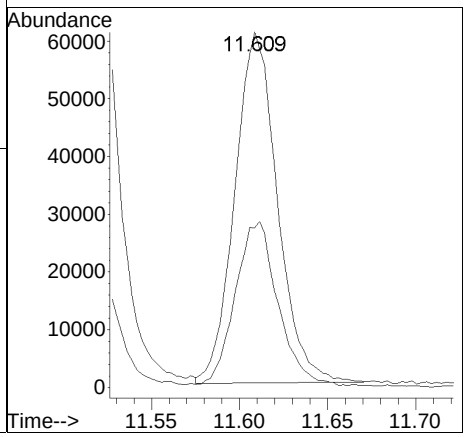


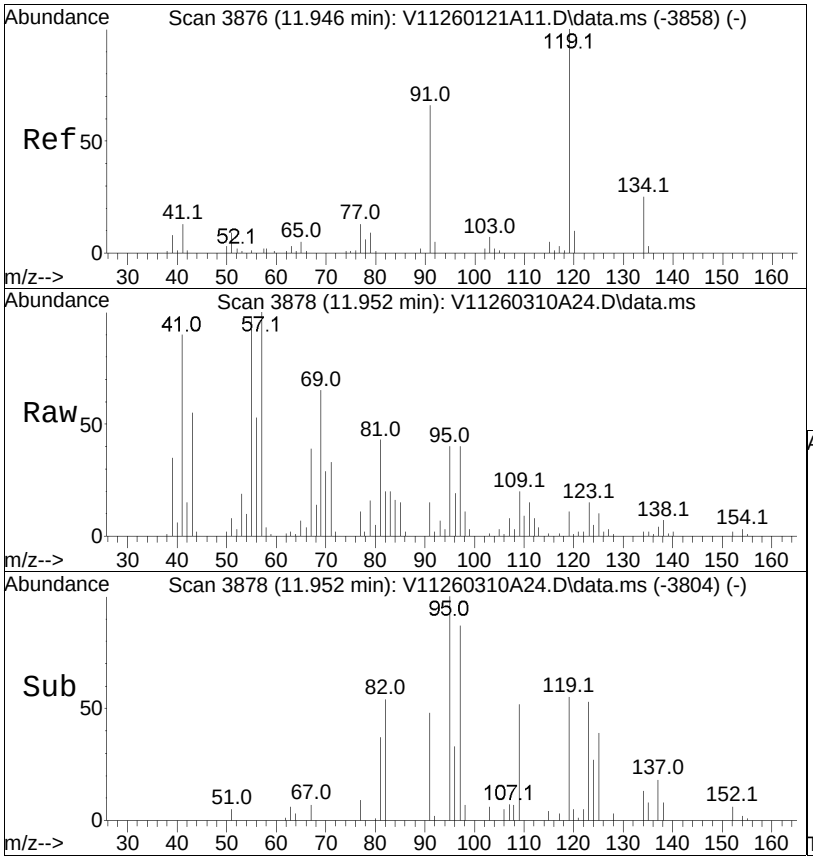


#90
1,3,5-Trimethylbenzene
Concen: 10.81 ug/L
RT: 11.609 min Scan# 3755
Delta R.T. 0.000 min
Lab File: V11260310A24.D
Acq: 10 Mar 2026 05:29 pm

Tgt Ion:105 Resp: 102382

Ion	Ratio	Lower	Upper
105	100		
120	46.5	39.8	59.8

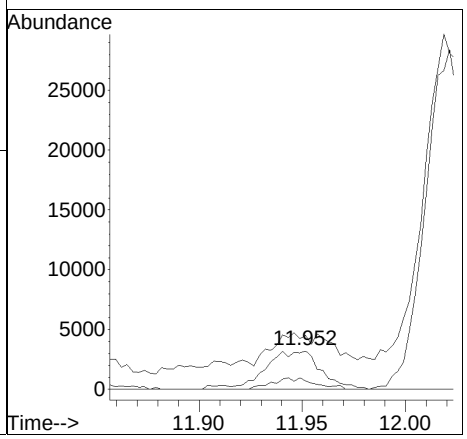


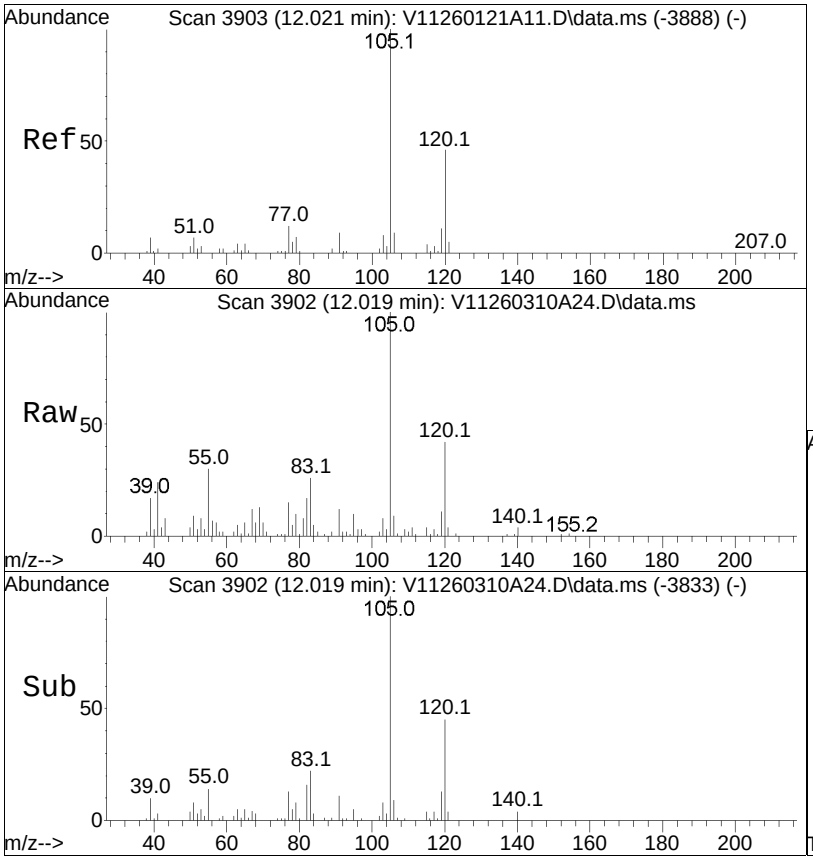


#94
tert-Butylbenzene
Concen: 0.77 ug/L M1
RT: 11.952 min Scan# 3878
Delta R.T. 0.006 min
Lab File: V11260310A24.D
Acq: 10 Mar 2026 05:29 pm

Tgt Ion:119 Resp: 6095

Ion	Ratio	Lower	Upper
119	100		
91	54.3	53.0	79.4
134	23.0	19.8	29.6

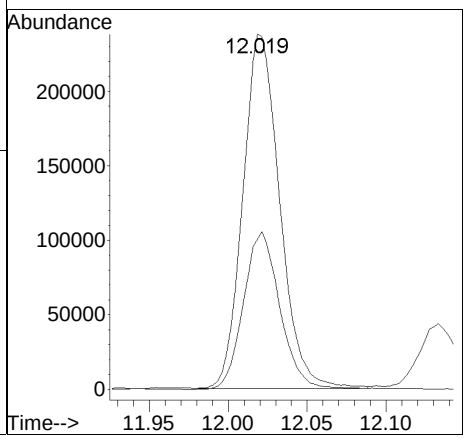


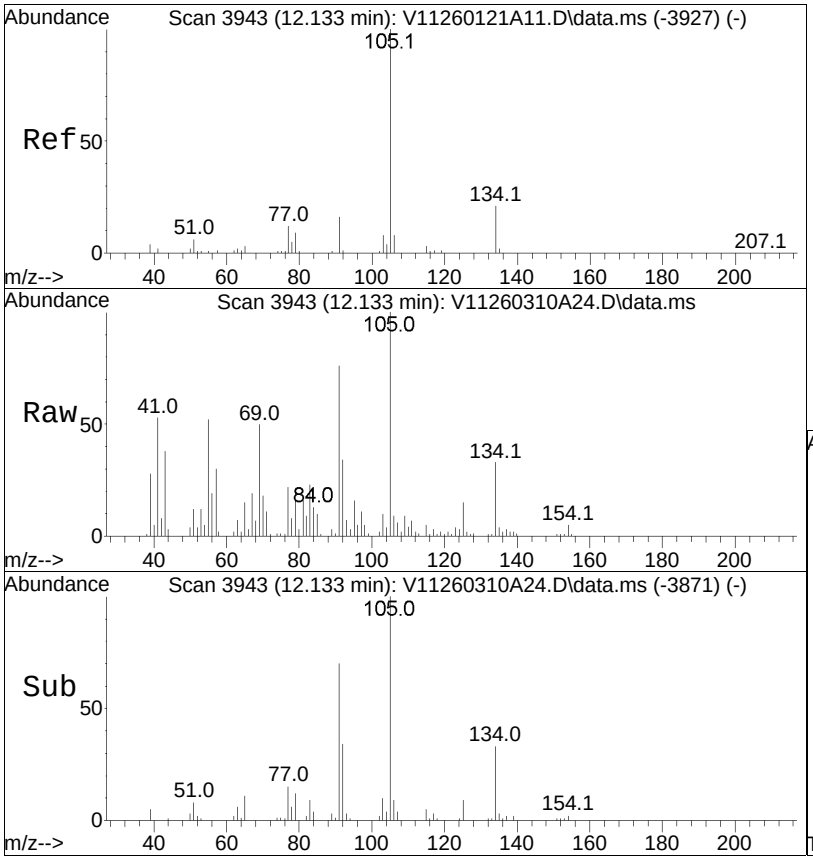


#97
1,2,4-Trimethylbenzene
Concen: 41.33 ug/L
RT: 12.019 min Scan# 3902
Delta R.T. -0.008 min
Lab File: V11260310A24.D
Acq: 10 Mar 2026 05:29 pm

Tgt Ion:105 Resp: 385784

Ion	Ratio	Lower	Upper
105	100		
120	44.1	37.4	56.0

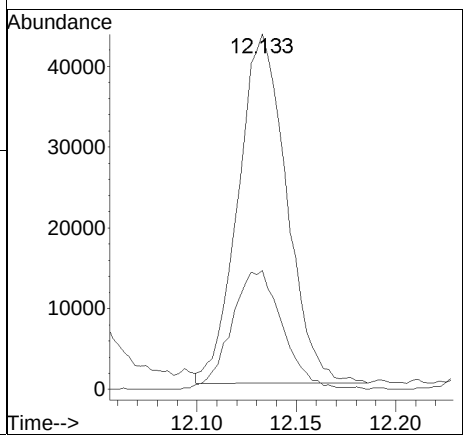


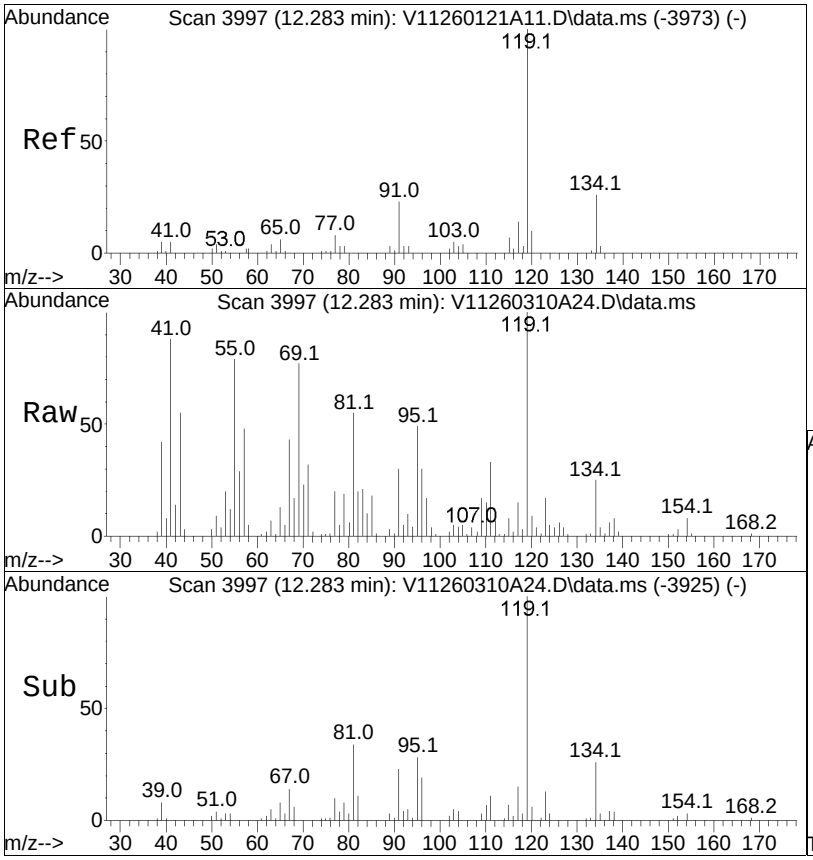


#98
sec-Butylbenzene
Concen: 6.27 ug/L
RT: 12.133 min Scan# 3943
Delta R.T. 0.000 min
Lab File: V11260310A24.D
Acq: 10 Mar 2026 05:29 pm

Tgt Ion:105 Resp: 73318

Ion	Ratio	Lower	Upper
105	100		
134	35.9	13.2	27.4#

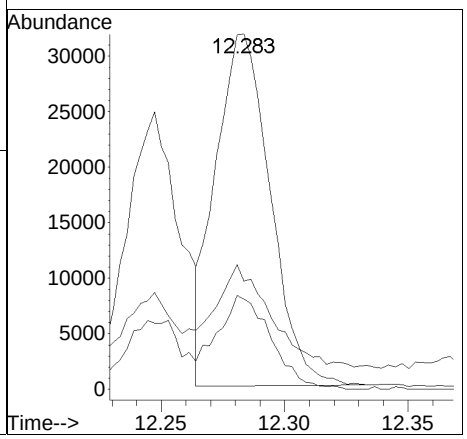


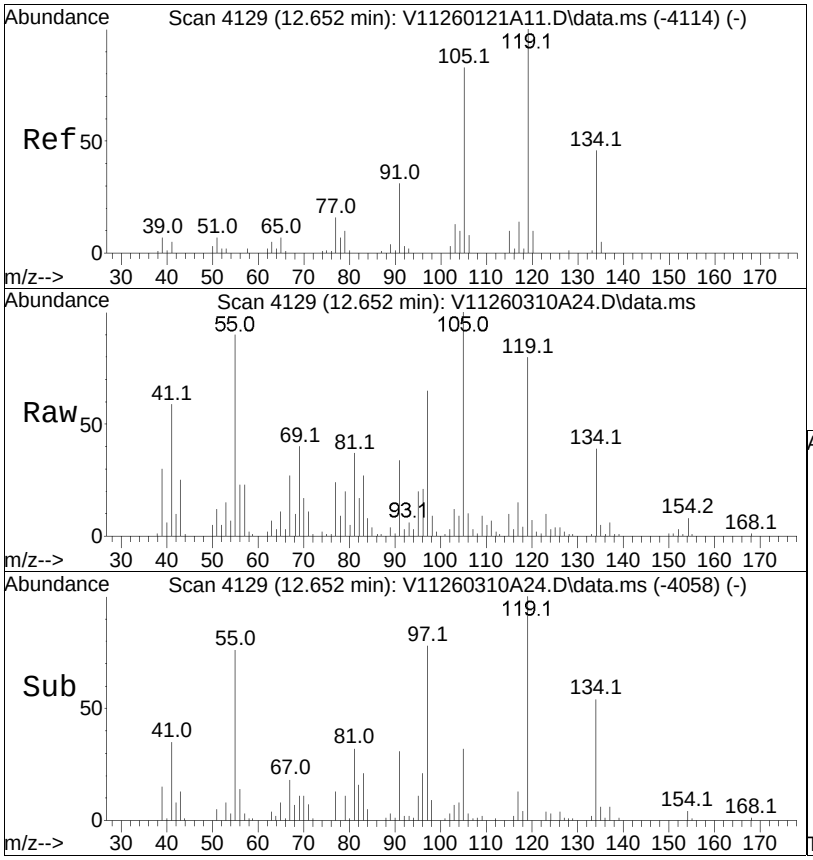


#99
p-Isopropyltoluene
Concen: 4.80 ug/L
RT: 12.283 min Scan# 3997
Delta R.T. 0.000 min
Lab File: V11260310A24.D
Acq: 10 Mar 2026 05:29 pm

Tgt Ion:119 Resp: 48978

Ion	Ratio	Lower	Upper
119	100		
134	26.6	17.1	35.5
91	30.1	15.3	31.9

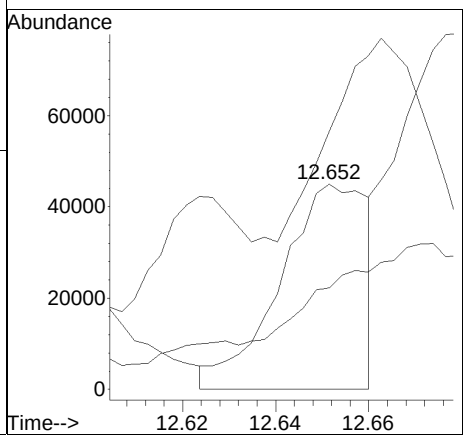


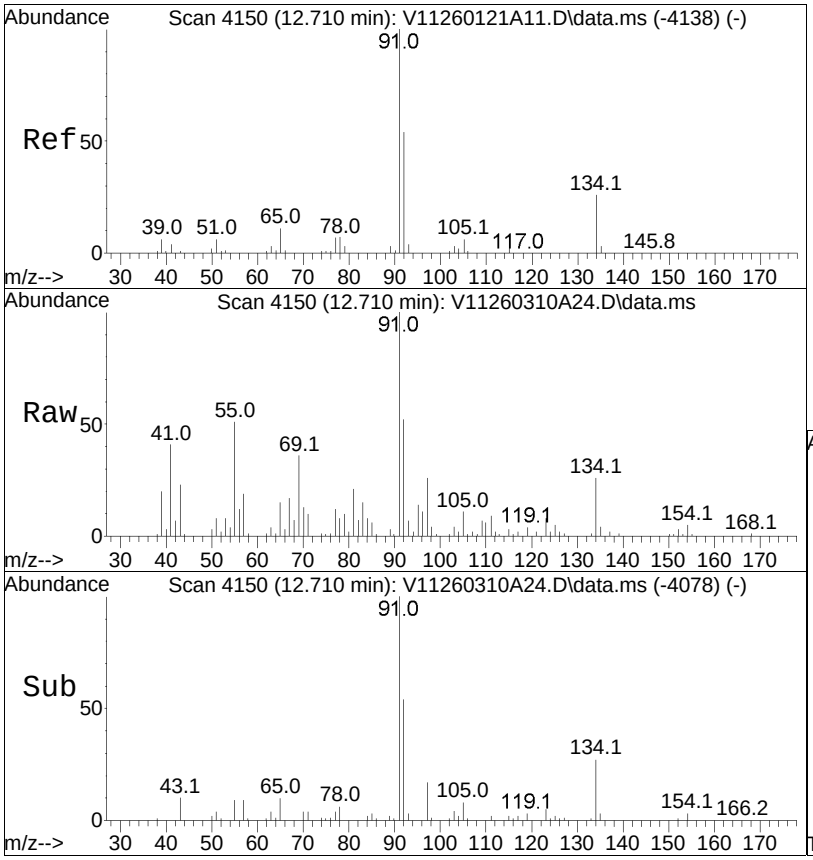


#102
p-Diethylbenzene
Concen: 9.60 ug/L M3
RT: 12.652 min Scan# 4129
Delta R.T. -0.003 min
Lab File: V11260310A24.D
Acq: 10 Mar 2026 05:29 pm

Tgt Ion:119 Resp: 58237

Ion	Ratio	Lower	Upper
119	100		
105	234.1	54.5	113.3#
134	102.8	29.9	62.1#

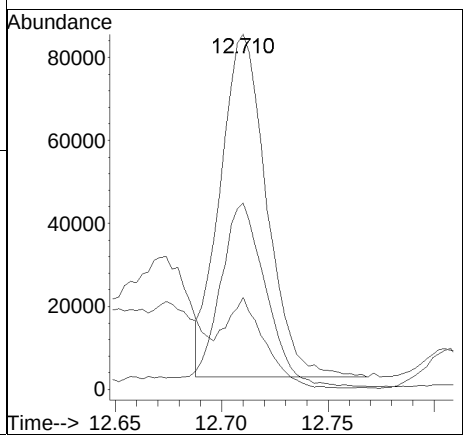


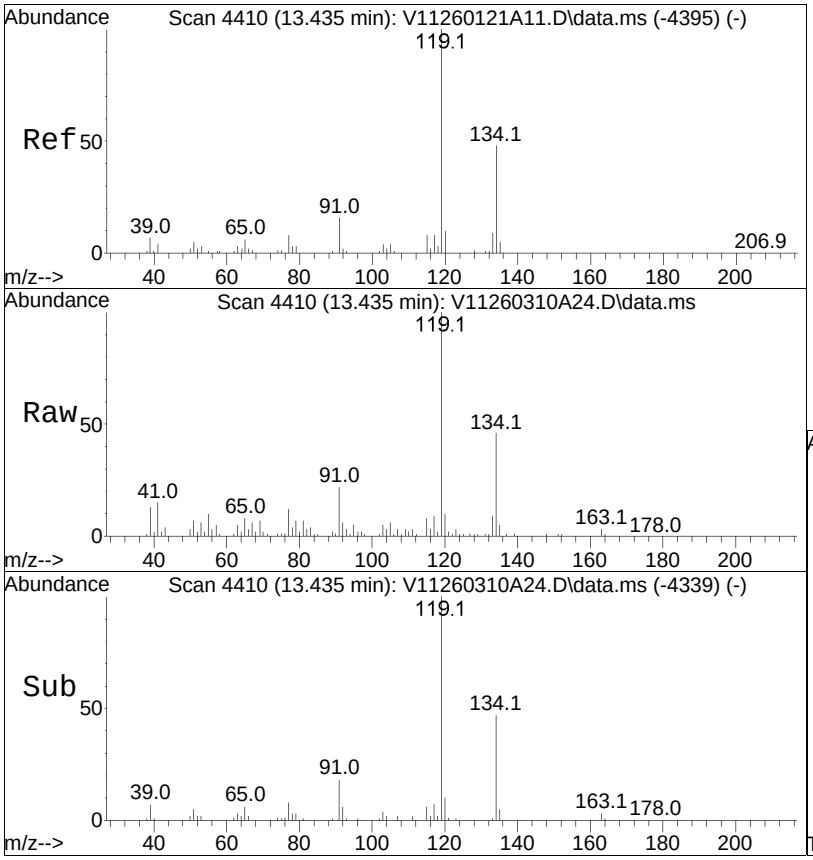


#103
n-Butylbenzene
Concen: 13.74 ug/L
RT: 12.710 min Scan# 4150
Delta R.T. 0.000 min
Lab File: V11260310A24.D
Acq: 10 Mar 2026 05:29 pm

Tgt Ion: 91 Resp: 126625

Ion	Ratio	Lower	Upper
91	100		
92	53.1	43.3	64.9
134	22.5	21.4	32.0

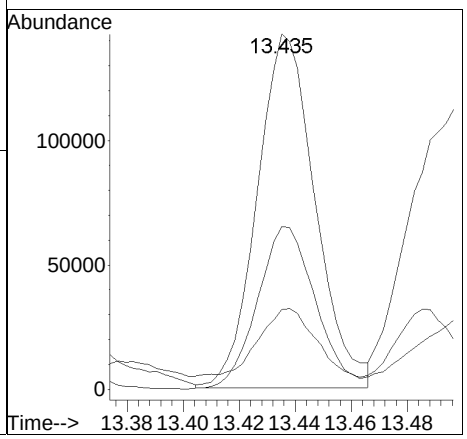


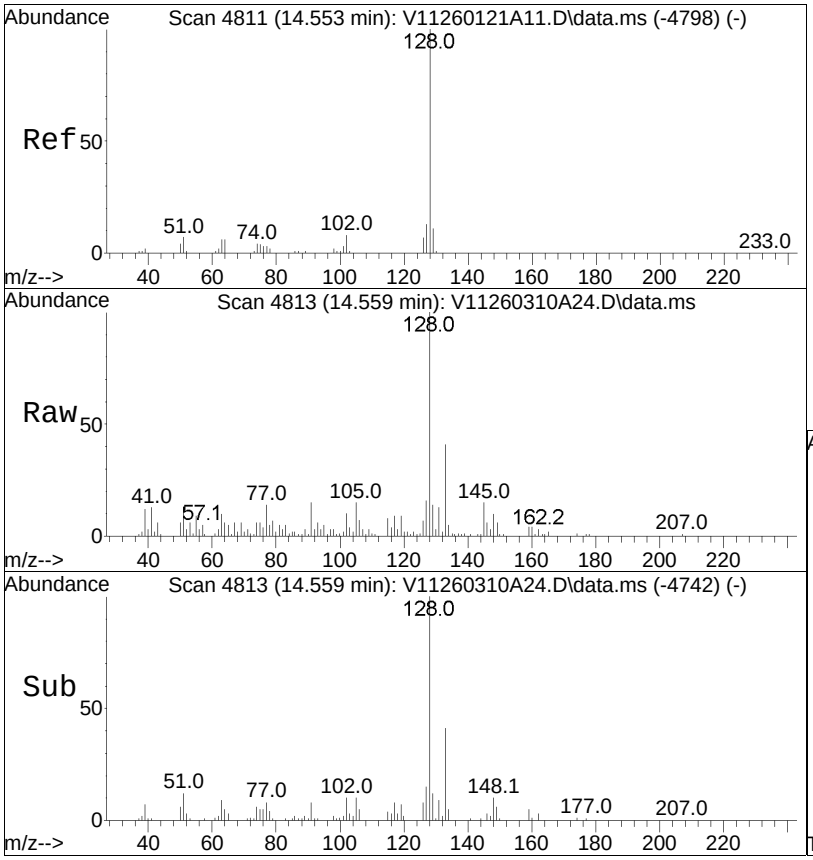


#105
1,2,4,5-Tetramethylbenzene
Concen: 22.09 ug/L
RT: 13.435 min Scan# 4410
Delta R.T. -0.003 min
Lab File: V11260310A24.D
Acq: 10 Mar 2026 05:29 pm

Tgt Ion:119 Resp: 204341

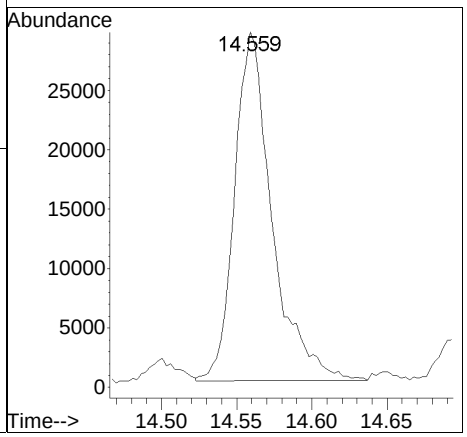
Ion	Ratio	Lower	Upper
119	100		
134	45.9	31.1	64.5
91	22.8	10.4	21.6#





#110
Naphthalene
Concen: 8.75 ug/L
RT: 14.559 min Scan# 4813
Delta R.T. -0.003 min
Lab File: V11260310A24.D
Acq: 10 Mar 2026 05:29 pm

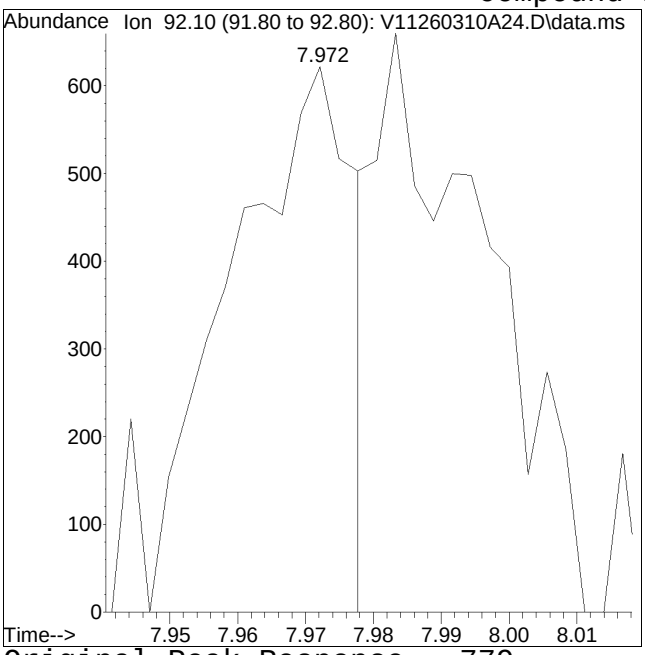
Tgt Ion:128 Resp: 50859



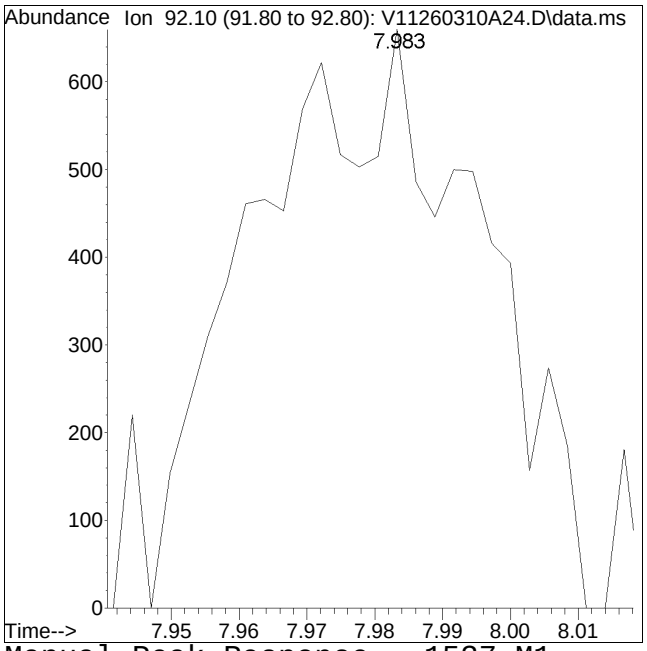
Manual Integration Report

Data Path : K:\VOA111\2026\260310A\ QMethod : V111_260121A_8260.m
Data File : V11260310A24.D Operator : VOA111:JIC
Date Inj'd : 3/10/2026 5:29 pm Instrument : VOA111
Sample : L2612196-06,31H,6.06,5,0.1 Quant Date : 3/10/2026 8:56 pm

Compound #61: Toluene



Original Peak Response = 779



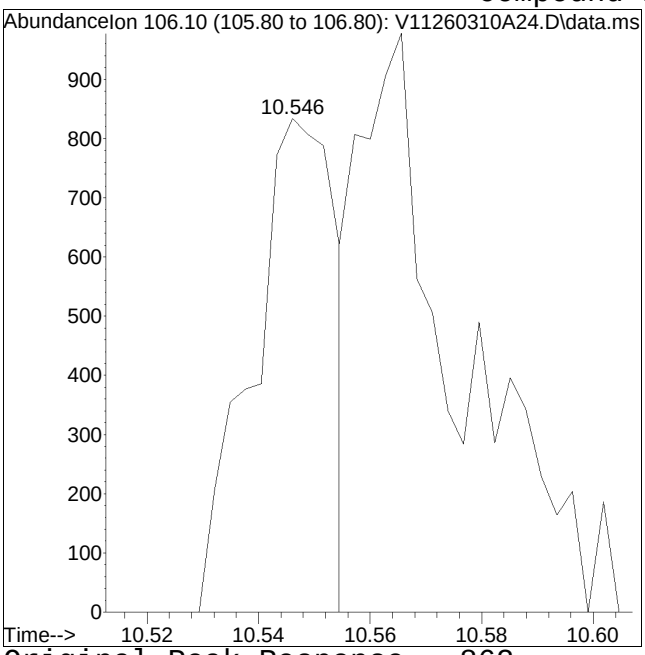
Manual Peak Response = 1537 M1

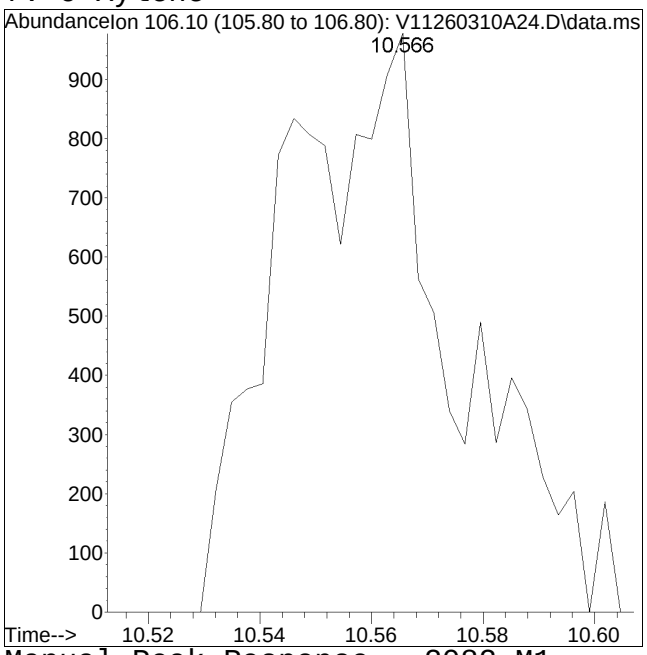
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260310A\ QMethod : V111_260121A_8260.m
Data File : V11260310A24.D Operator : VOA111:JIC
Date Inj'd : 3/10/2026 5:29 pm Instrument : VOA111
Sample : L2612196-06,31H,6.06,5,0.1Quant Date : 3/10/2026 8:56 pm

Compound #77: o Xylene



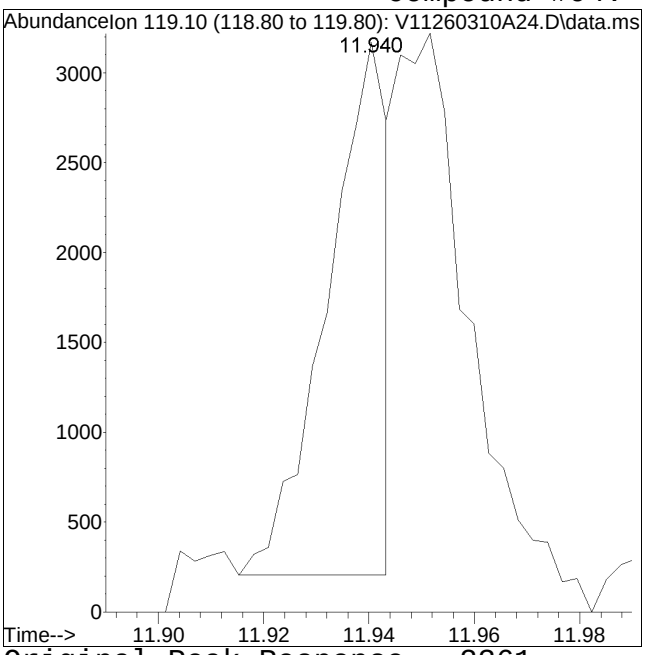


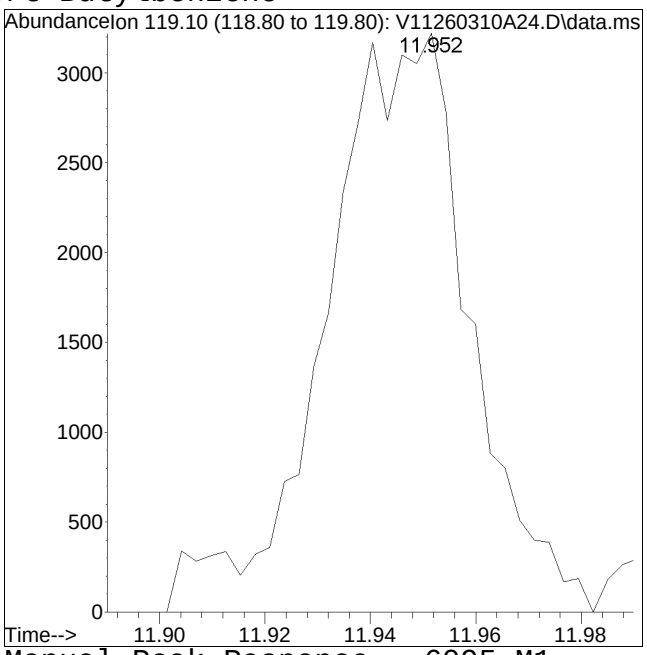
Original Peak Response = 862 Manual Peak Response = 2082 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260310A\ QMethod : V111_260121A_8260.m
Data File : V11260310A24.D Operator : VOA111:JIC
Date Inj'd : 3/10/2026 5:29 pm Instrument : VOA111
Sample : L2612196-06,31H,6.06,5,0.1Quant Date : 3/10/2026 8:56 pm

Compound #94: tert-Butylbenzene



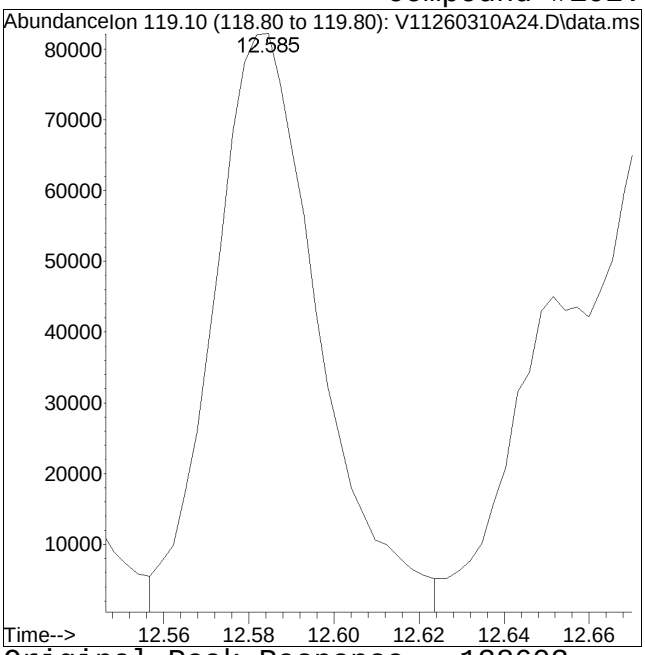


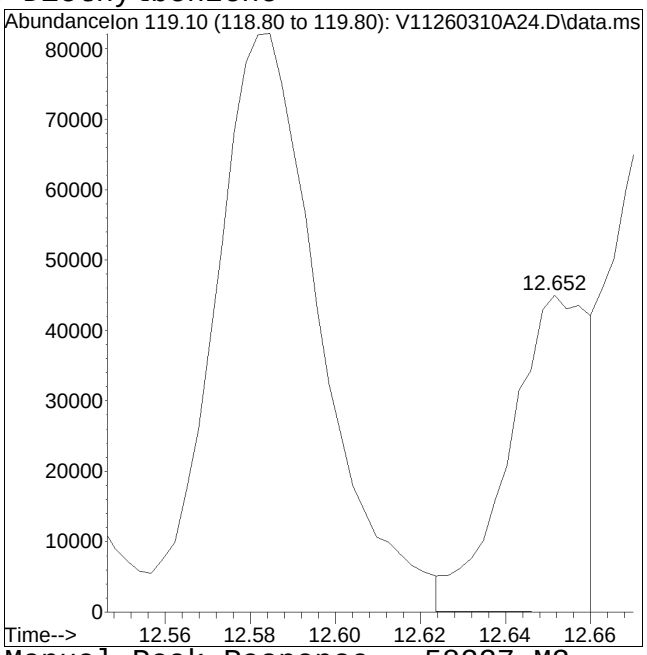
Original Peak Response = 2361 Manual Peak Response = 6095 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260310A\ QMethod : V111_260121A_8260.m
Data File : V11260310A24.D Operator : VOA111:JIC
Date Inj'd : 3/10/2026 5:29 pm Instrument : VOA111
Sample : L2612196-06,31H,6.06,5,0.1Quant Date : 3/10/2026 8:56 pm

Compound #102: p-Diethylbenzene





Original Peak Response = 138603 Manual Peak Response = 58237 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A25.D
Acq On : 10 Mar 2026 05:56 pm
Operator : VOA111:JIC
Sample : L2612196-07,31H,5.55,5,0.100,,A,30.04,36.09,0
Misc : WG2183467,ICAL22987
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 11 06:29:25 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.204	96	198063	20.000	ug/L	0.00
Standard Area 1 = 173144			Recovery = 114.39%			
59) Chlorobenzene-d5	9.774	117	148206	20.000	ug/L	0.00
Standard Area 1 = 127198			Recovery = 116.52%			
79) 1,4-Dichlorobenzene-d4	12.434	152	73152	20.000	ug/L	0.00
Standard Area 1 = 64537			Recovery = 113.35%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.379	113	48048	19.455	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.27%			
43) 1,2-Dichloroethane-d4	5.911	65	54648	23.326	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 116.63%			
60) Toluene-d8	7.911	98	201449	21.047	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.24%			
83) 4-Bromofluorobenzene	11.240	95	70147	20.956	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.862	50	29	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.398	94	29	N.D.		
6) Chloroethane	2.406	64	145	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.117	76	26	N.D.		
15) Methylene chloride	3.636	84	2204	0.807	ug/L	74
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	3.909	73	67	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.	d	
27) Vinyl acetate	4.640	43	30	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	4.988	77	55	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	5.195	83	282	N.D.		

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A25.D
Acq On : 10 Mar 2026 05:56 pm
Operator : VOA111:JIC
Sample : L2612196-07,31H,5.55,5,0.100,,A,30.04,36.09,0
Misc : WG2183467,ICAL22987
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 11 06:29:25 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D. d		
40) 1,1-Dichloropropene	5.434	75	87	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	6.396	95	63	N.D.		
50) Dibromomethane	6.977	93	25	N.D.		
51) 1,2-Dichloropropane	6.979	63	29	N.D.		
54) Bromodichloromethane	7.029	83	33	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.969	92	432	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D. d		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D. d		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D. d		
73) Chlorobenzene	9.793	112	27	N.D.		
74) Ethylbenzene	9.829	91	202574	17.199	ug/L	97
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	10.016	106	224378	50.454	ug/L	93
77) o Xylene	10.557	106	2769M3	0.610	ug/L	
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.922	105	24819	2.277	ug/L	96
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	11.394	91	107147	8.406	ug/L	96
87) 1,1,2,2-Tetrachloroethane	11.464	83	80	N.D.		
88) 4-Ethyltoluene	11.503	105	316313	29.421	ug/L	98
89) 2-Chlorotoluene	0.000		0	N.D. d		
90) 1,3,5-Trimethylbenzene	11.611	105	136362	14.518	ug/L	94
91) 1,2,3-Trichloropropane	0.000		0	N.D. d		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D. d		
93) 4-Chlorotoluene	0.000		0	N.D. d		
94) tert-Butylbenzene	0.000		0	N.D. d		

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A25.D
Acq On : 10 Mar 2026 05:56 pm
Operator : VOA111:JIC
Sample : L2612196-07,31H,5.55,5,0.100,,A,30.04,36.09,0
Misc : WG2183467,ICAL22987
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 11 06:29:25 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
97) 1,2,4-Trimethylbenzene	12.021	105	459778	49.663	ug/L		96
98) sec-Butylbenzene	12.138	105	14760	1.273	ug/L	#	76
99) p-Isopropyltoluene	12.286	119	9585M3	0.947	ug/L		
100) 1,3-Dichlorobenzene	0.000		0	N.D.			
101) 1,4-Dichlorobenzene	0.000		0	N.D.			
102) p-Diethylbenzene	12.679	119	112541	18.711	ug/L		73
103) n-Butylbenzene	12.710	91	28511	3.119	ug/L	#	82
104) 1,2-Dichlorobenzene	0.000		0	N.D.			
105) 1,2,4,5-Tetramethylben...	13.441	119	46665	5.085	ug/L		96
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.			
108) Hexachlorobutadiene	0.000		0	N.D.			
109) 1,2,4-Trichlorobenzene	14.286	180	28	N.D.			
110) Naphthalene	14.559	128	38309	6.648	ug/L		100
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.			

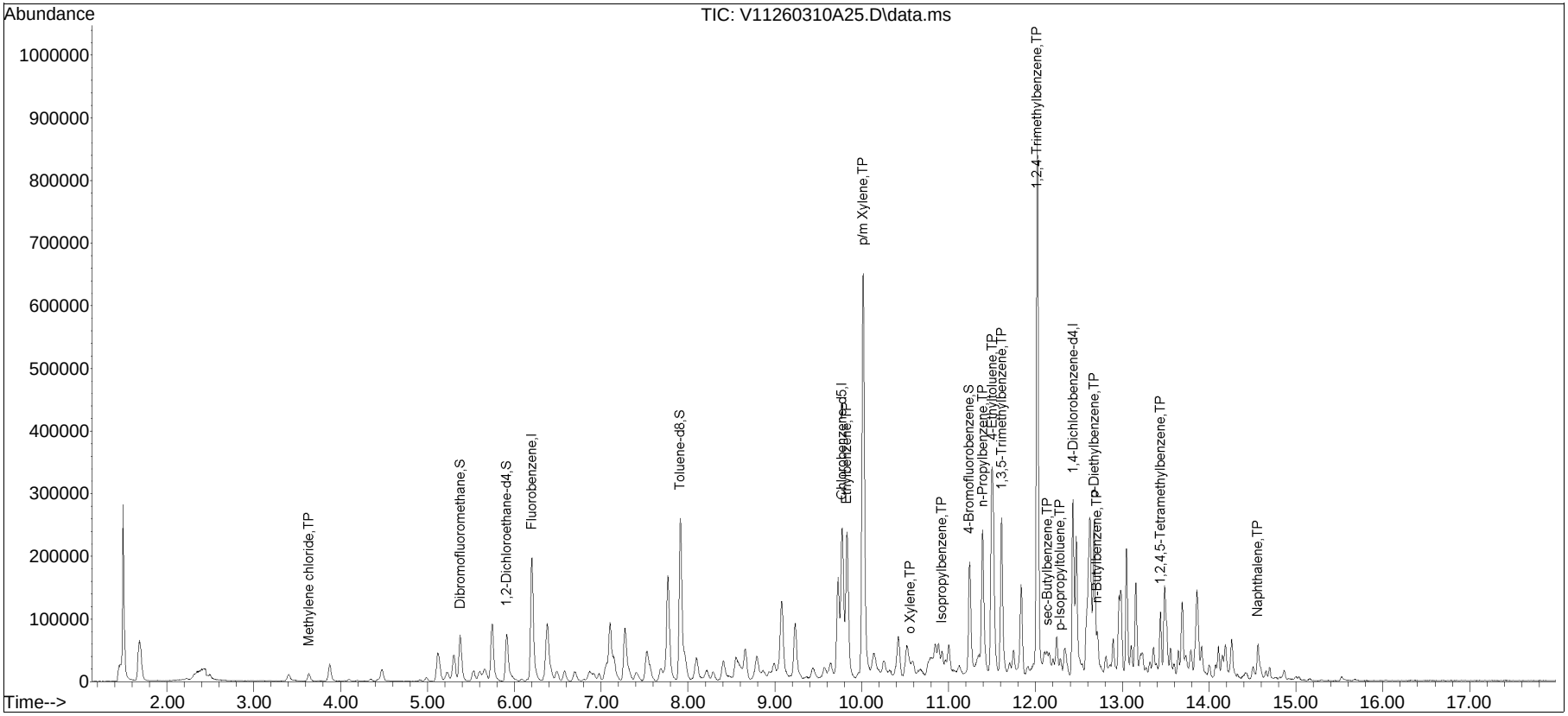
(#) = qualifier out of range (m) = manual integration (+) = signals summed

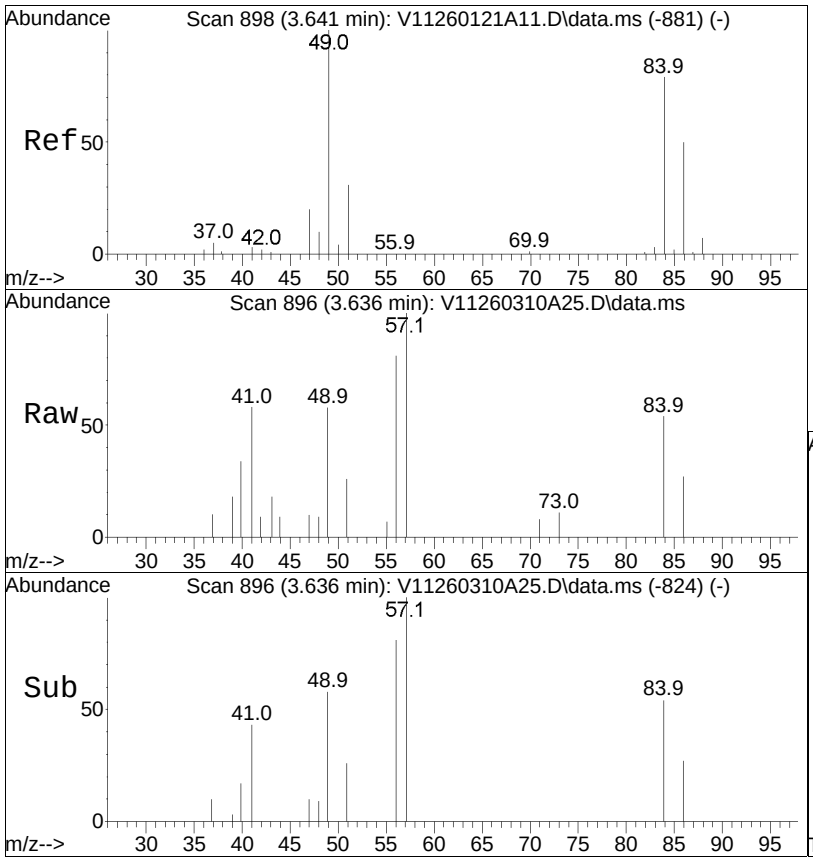
Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A25.D
Acq On : 10 Mar 2026 05:56 pm
Operator : VOA111:JIC
Sample : L2612196-07,31H,5.55,5,0.100,,A,30.04,36.09,0
Misc : WG2183467,ICAL22987
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 11 06:29:25 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox260310A02.D•

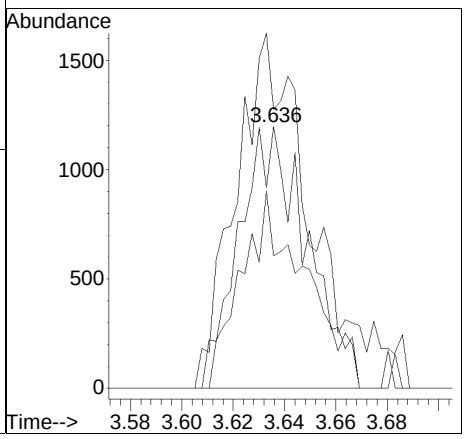


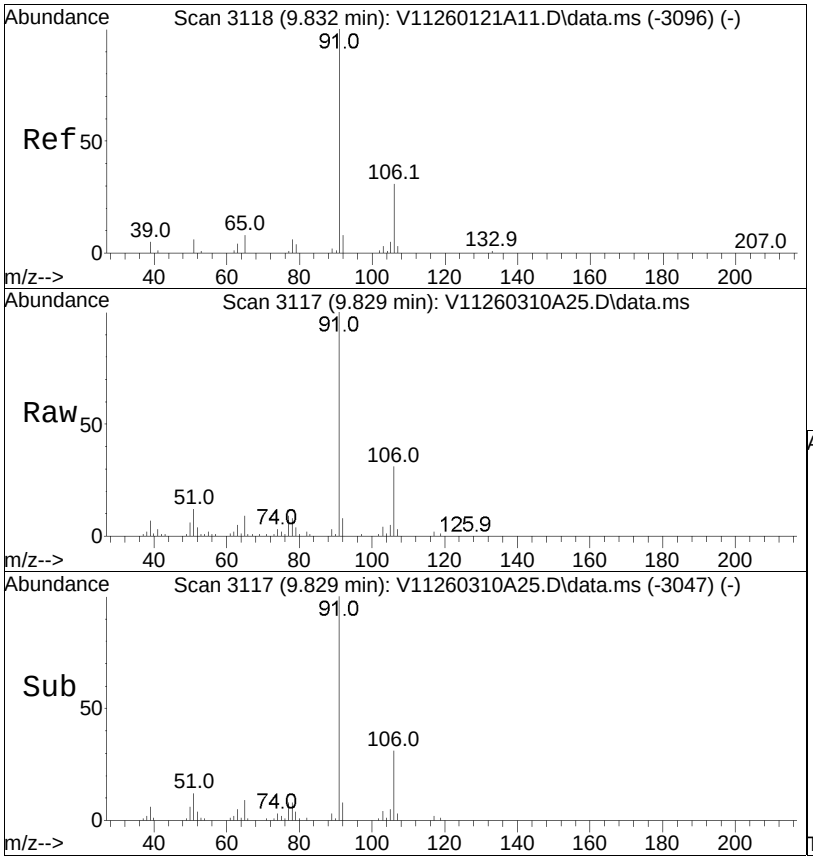


#15
Methylene chloride
Concen: 0.81 ug/L
RT: 3.636 min Scan# 896
Delta R.T. -0.000 min
Lab File: V11260310A25.D
Acq: 10 Mar 2026 05:56 pm

Tgt Ion: 84 Resp: 2204

Ion	Ratio	Lower	Upper
84	100		
86	70.8	41.1	85.3
49	144.3	124.2	258.0

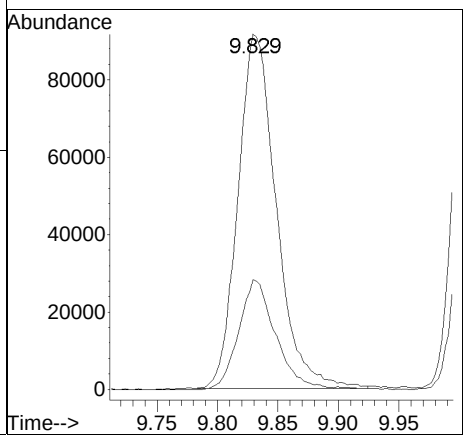


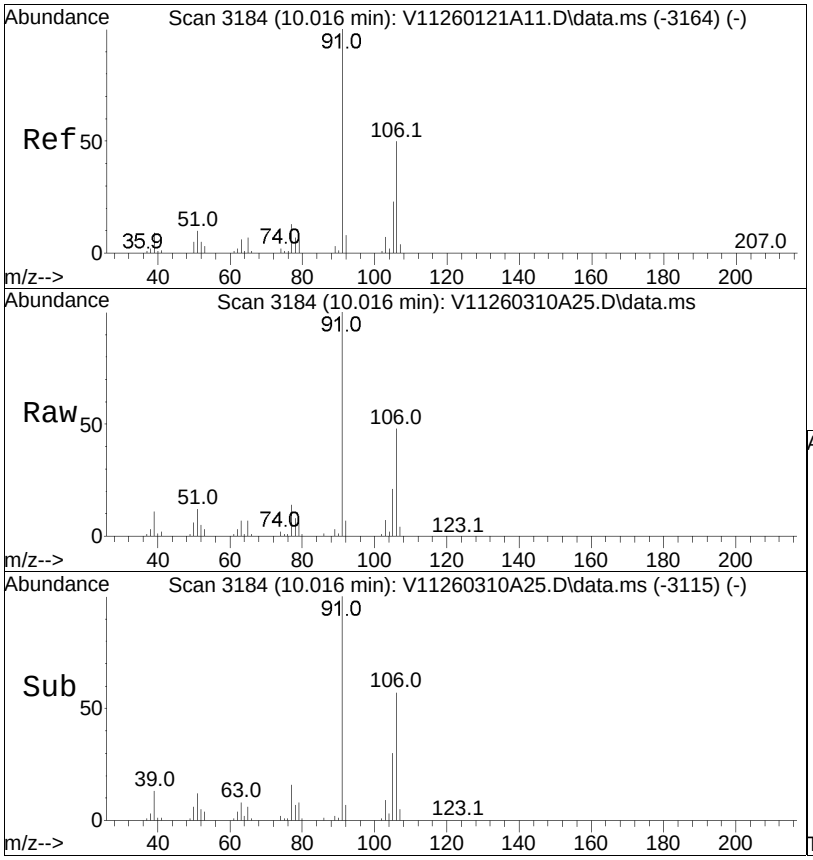


#74
Ethylbenzene
Concen: 17.20 ug/L
RT: 9.829 min Scan# 3117
Delta R.T. -0.006 min
Lab File: V11260310A25.D
Acq: 10 Mar 2026 05:56 pm

Tgt Ion: 91 Resp: 202574

Ion	Ratio	Lower	Upper
91	100		
106	29.5	25.0	37.4

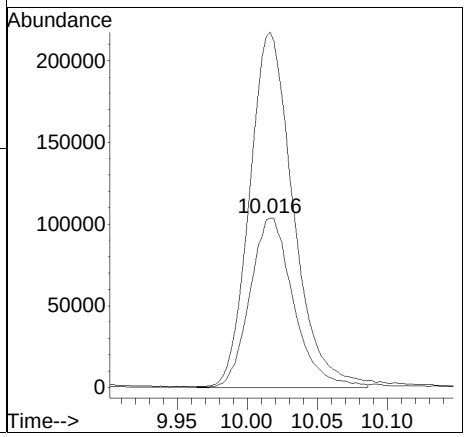


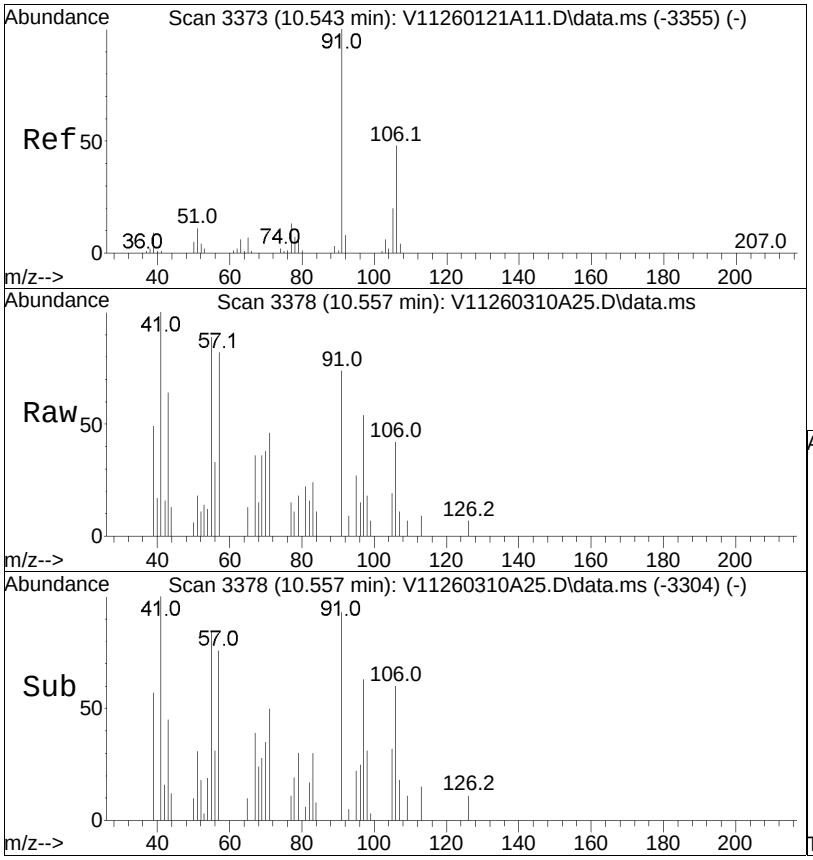


#76
p/m Xylene
Concen: 50.45 ug/L
RT: 10.016 min Scan# 3184
Delta R.T. -0.008 min
Lab File: V11260310A25.D
Acq: 10 Mar 2026 05:56 pm

Tgt Ion:106 Resp: 224378

Ion	Ratio	Lower	Upper
106	100		
91	210.2	159.3	238.9

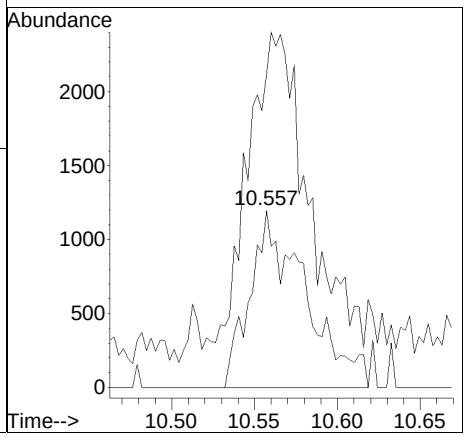


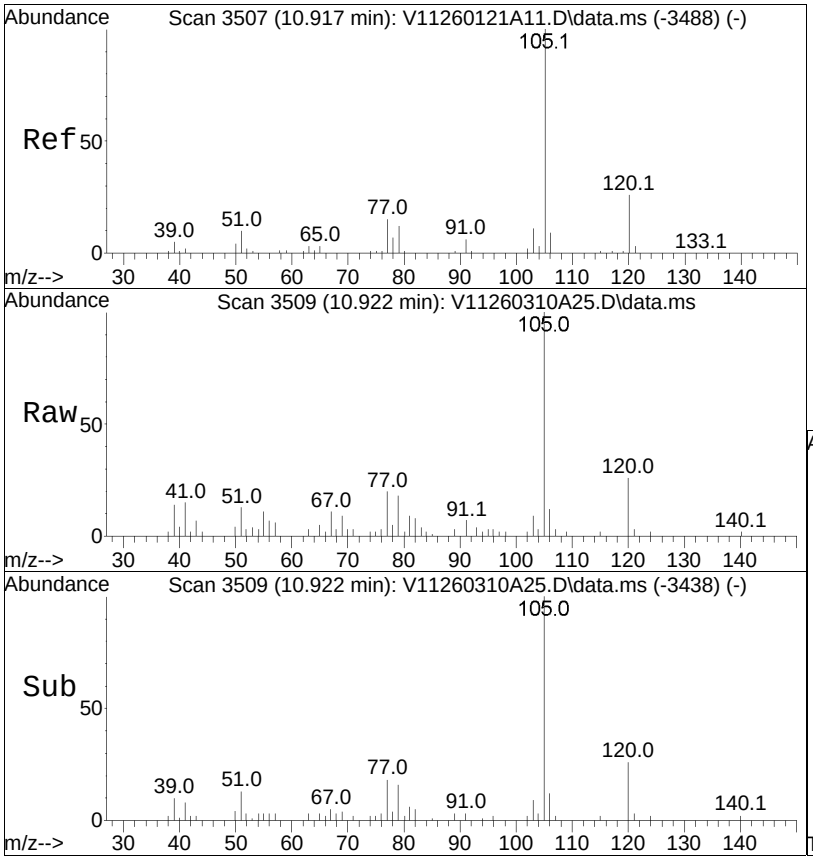


#77
o Xylene
Concen: 0.61 ug/L M3
RT: 10.557 min Scan# 3378
Delta R.T. 0.006 min
Lab File: V11260310A25.D
Acq: 10 Mar 2026 05:56 pm

Tgt Ion:106 Resp: 2769

Ion	Ratio	Lower	Upper
106	100		
91	6.3	170.2	255.2#

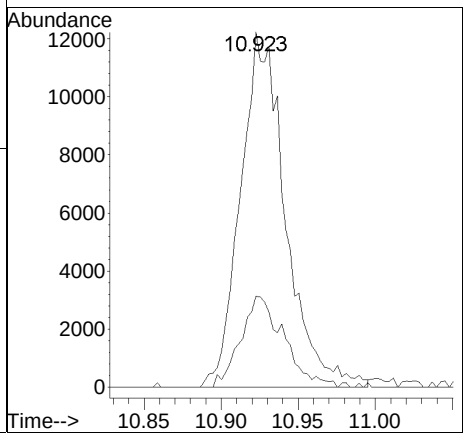


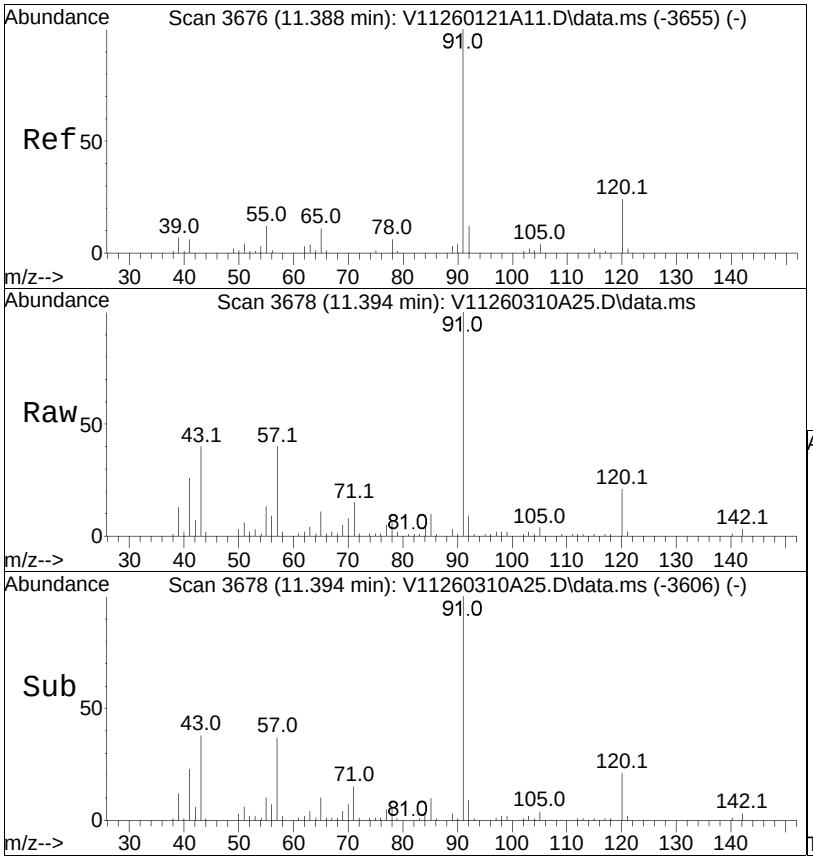


#82
Isopropylbenzene
Concen: 2.28 ug/L
RT: 10.922 min Scan# 3509
Delta R.T. -0.003 min
Lab File: V11260310A25.D
Acq: 10 Mar 2026 05:56 pm

Tgt Ion:105 Resp: 24819

Ion	Ratio	Lower	Upper
105	100		
120	24.7	6.9	46.9

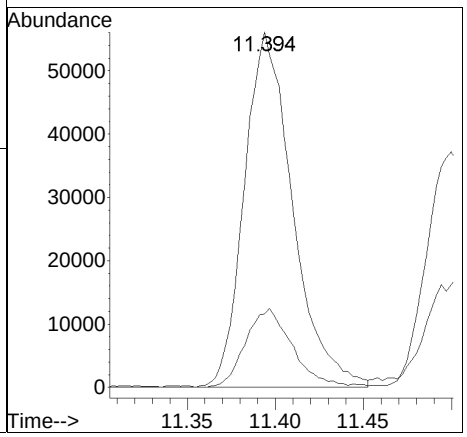


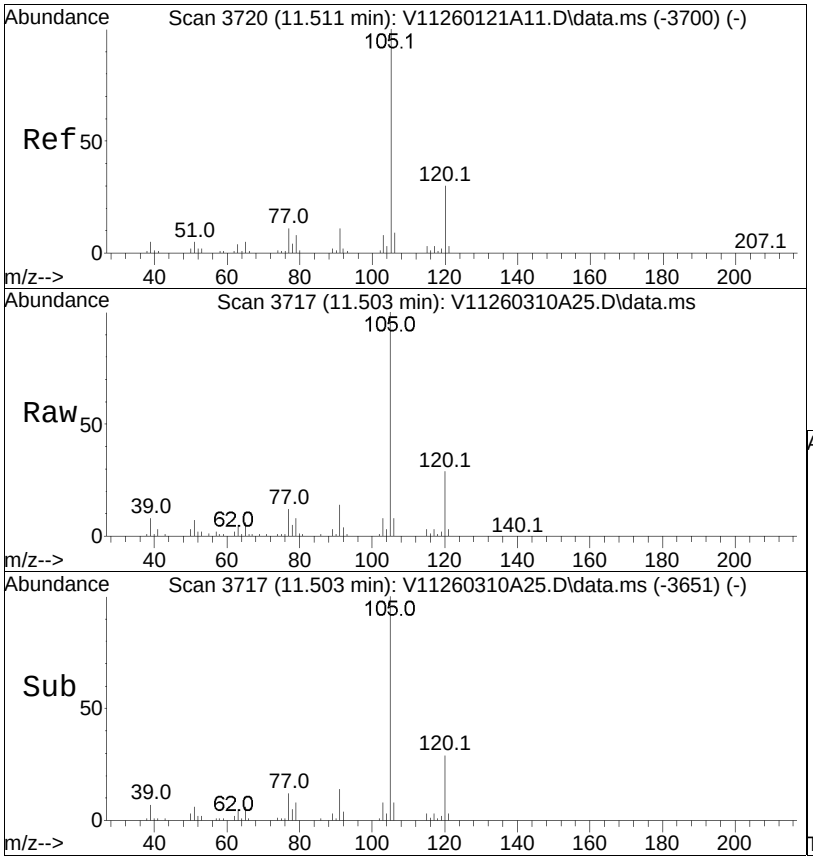


#85
n-Propylbenzene
Concen: 8.41 ug/L
RT: 11.394 min Scan# 3678
Delta R.T. -0.000 min
Lab File: V11260310A25.D
Acq: 10 Mar 2026 05:56 pm

Tgt Ion: 91 Resp: 107147

Ion	Ratio	Lower	Upper
91	100		
120	21.4	18.6	27.8

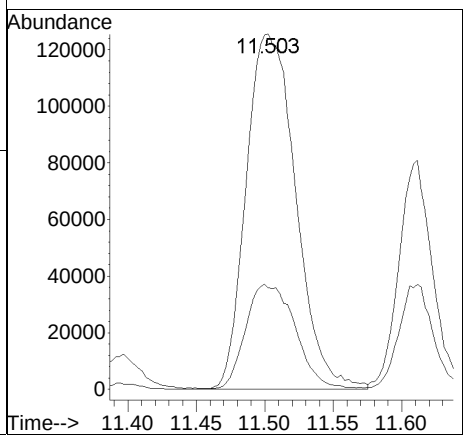


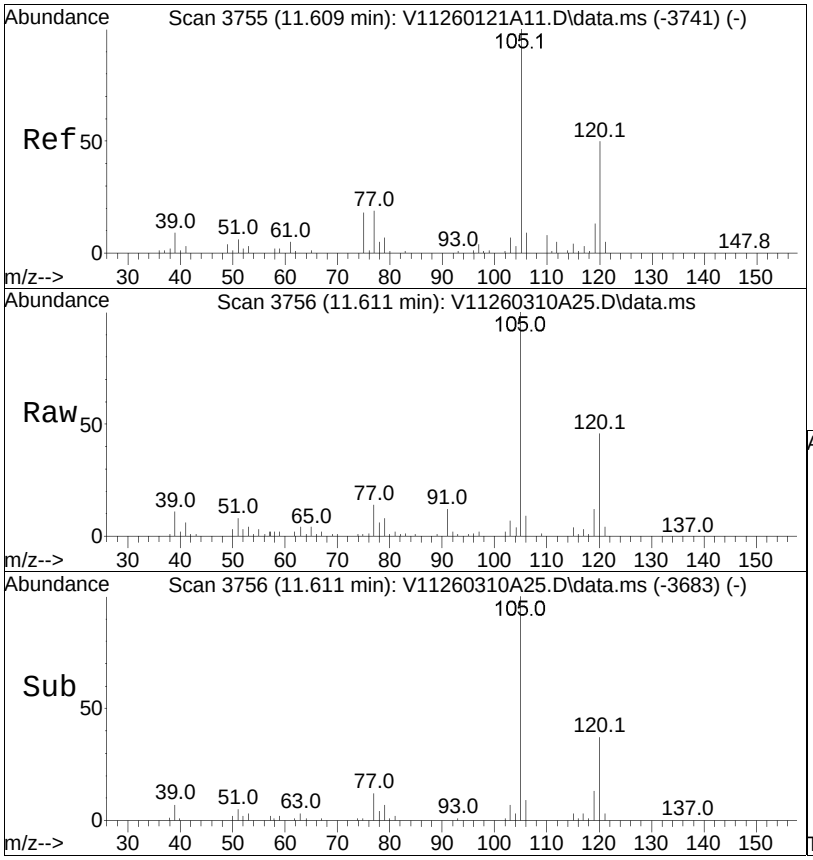


#88
4-Ethyltoluene
Concen: 29.42 ug/L
RT: 11.503 min Scan# 3717
Delta R.T. -0.017 min
Lab File: V11260310A25.D
Acq: 10 Mar 2026 05:56 pm

Tgt Ion:105 Resp: 316313

Ion	Ratio	Lower	Upper
105	100		
120	29.0	19.5	40.5

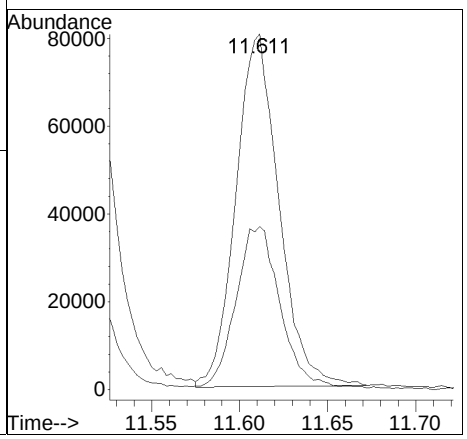


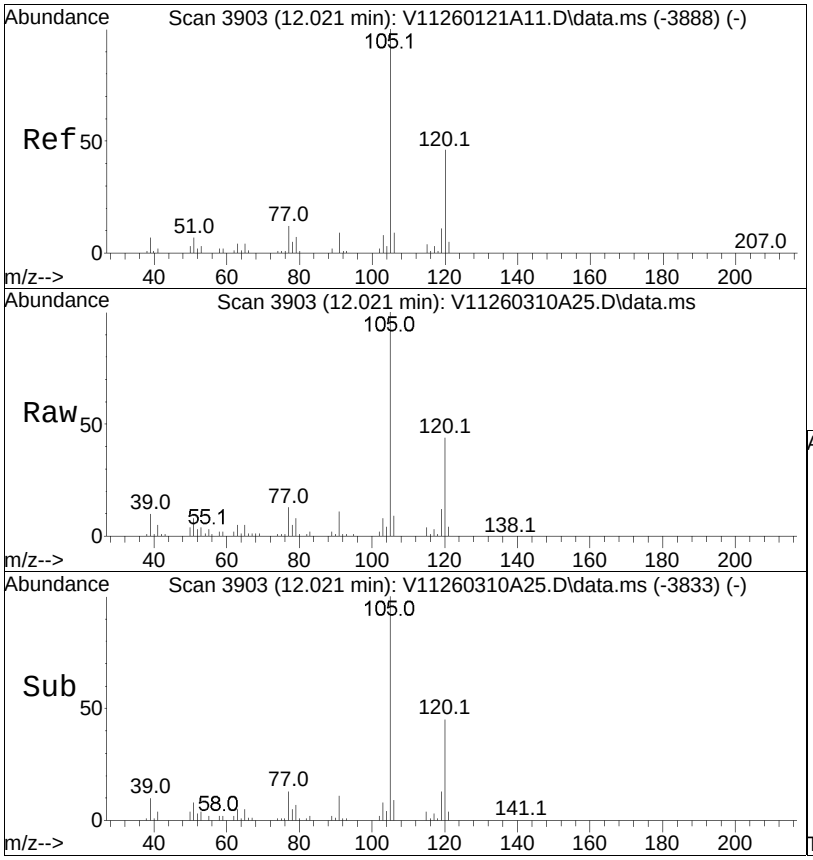


#90
1,3,5-Trimethylbenzene
Concen: 14.52 ug/L
RT: 11.611 min Scan# 3756
Delta R.T. 0.003 min
Lab File: V11260310A25.D
Acq: 10 Mar 2026 05:56 pm

Tgt Ion:105 Resp: 136362

Ion	Ratio	Lower	Upper
105	100		
120	46.0	39.8	59.8

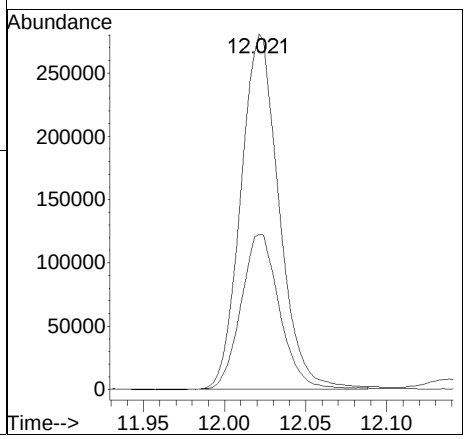


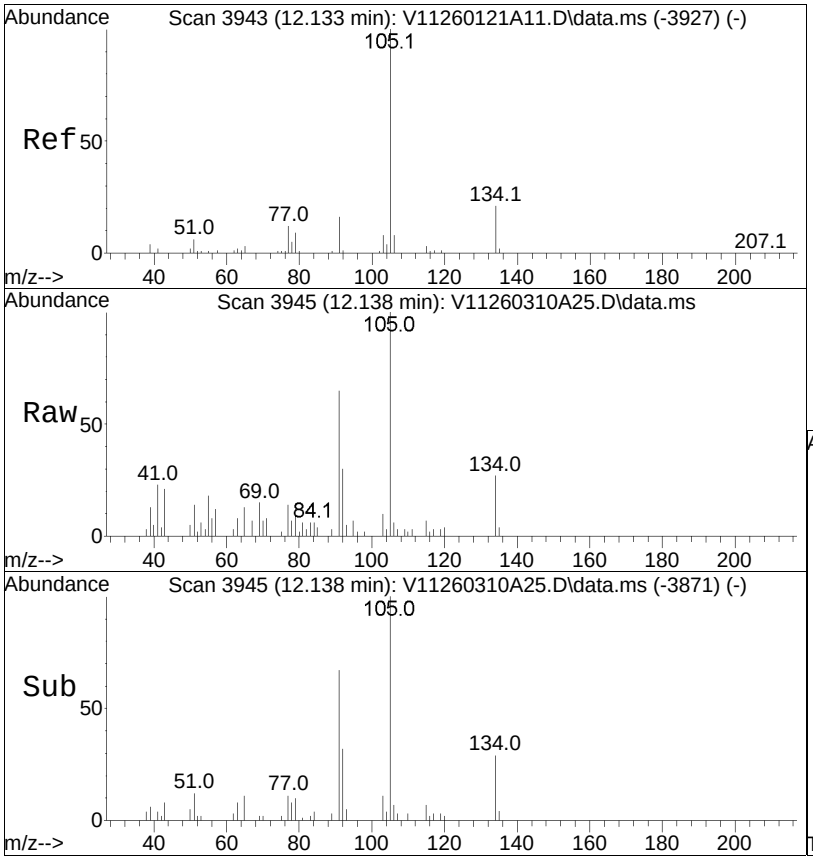


#97
1,2,4-Trimethylbenzene
Concen: 49.66 ug/L
RT: 12.021 min Scan# 3903
Delta R.T. -0.006 min
Lab File: V11260310A25.D
Acq: 10 Mar 2026 05:56 pm

Tgt Ion:105 Resp: 459778

Ion	Ratio	Lower	Upper
105	100		
120	44.3	37.4	56.0

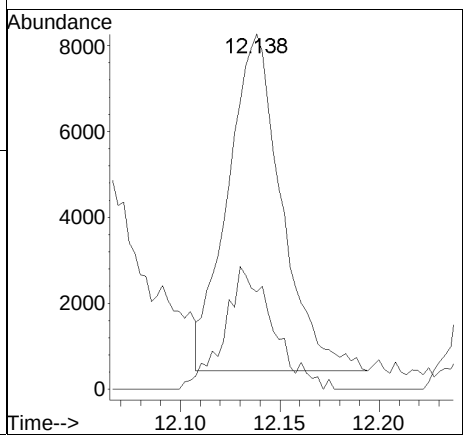


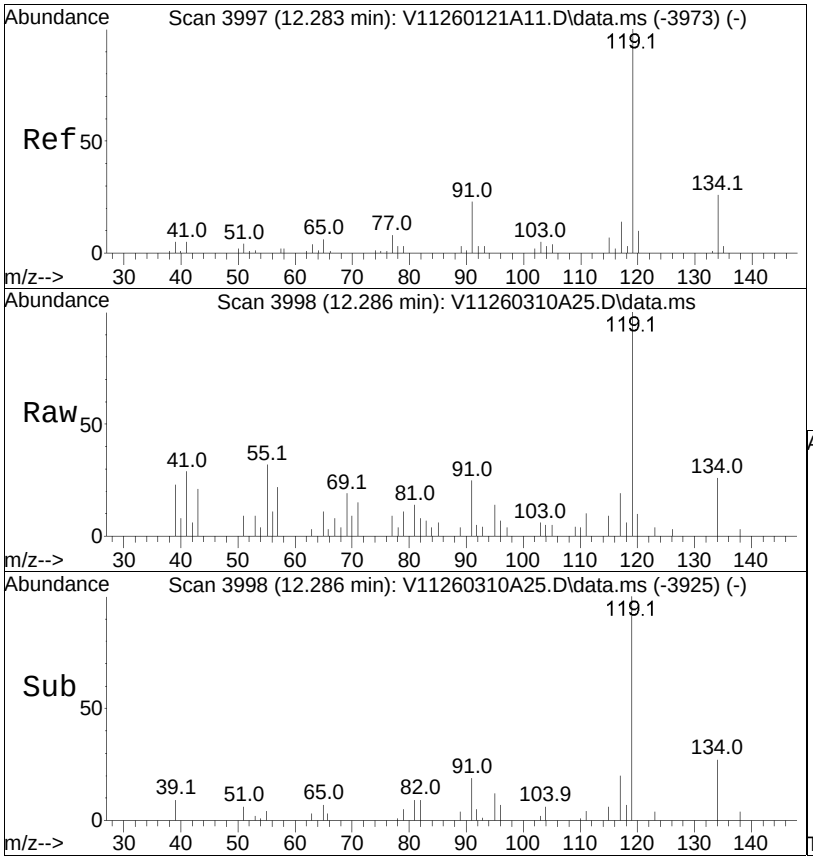


#98
sec-Butylbenzene
Concen: 1.27 ug/L
RT: 12.138 min Scan# 3945
Delta R.T. 0.006 min
Lab File: V11260310A25.D
Acq: 10 Mar 2026 05:56 pm

Tgt Ion:105 Resp: 14760

Ion	Ratio	Lower	Upper
105	100		
134	31.3	13.2	27.4#

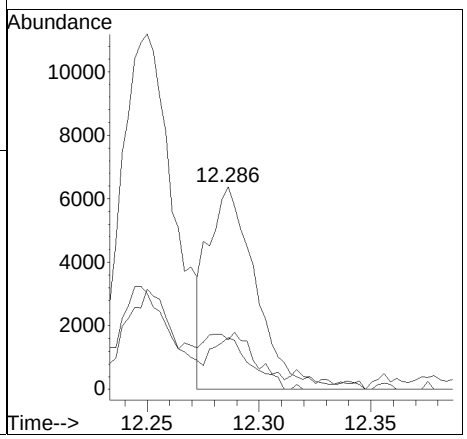


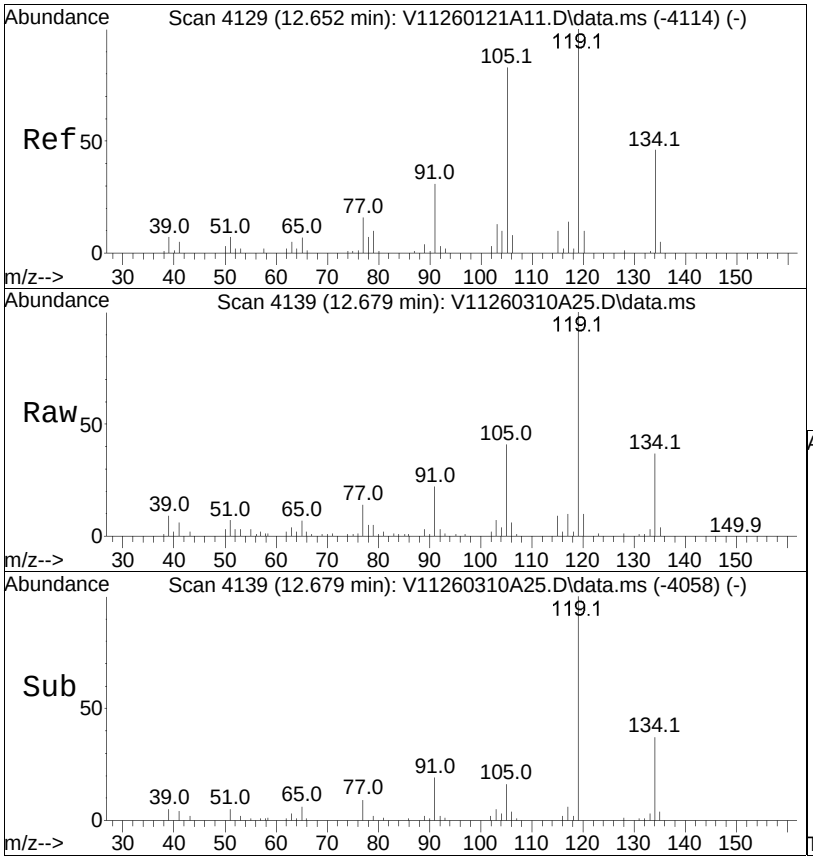


#99
p-Isopropyltoluene
Concen: 0.95 ug/L M3
RT: 12.286 min Scan# 3998
Delta R.T. 0.003 min
Lab File: V11260310A25.D
Acq: 10 Mar 2026 05:56 pm

Tgt Ion:119 Resp: 9585

Ion	Ratio	Lower	Upper
119	100		
134	53.4	17.1	35.5#
91	51.2	15.3	31.9#

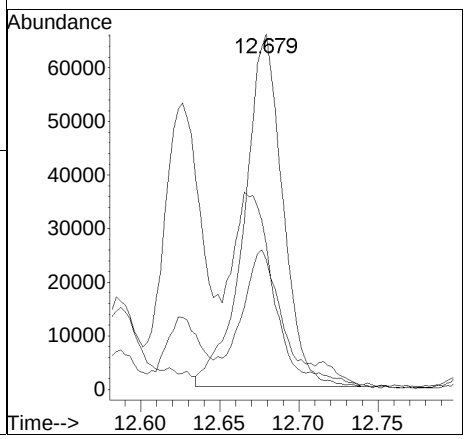


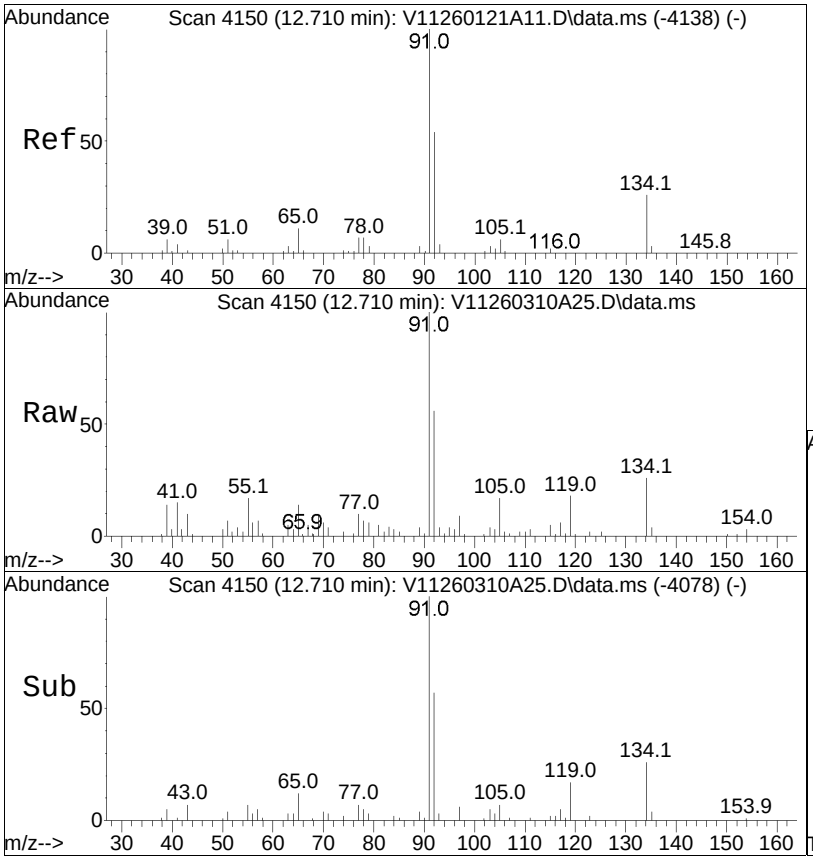


#102
p-Diethylbenzene
Concen: 18.71 ug/L
RT: 12.679 min Scan# 4139
Delta R.T. 0.025 min
Lab File: V11260310A25.D
Acq: 10 Mar 2026 05:56 pm

Tgt Ion:119 Resp: 112541

Ion	Ratio	Lower	Upper
119	100		
105	57.5	54.5	113.3
134	30.4	29.9	62.1

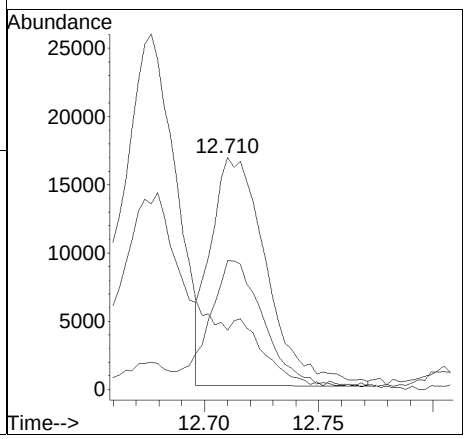


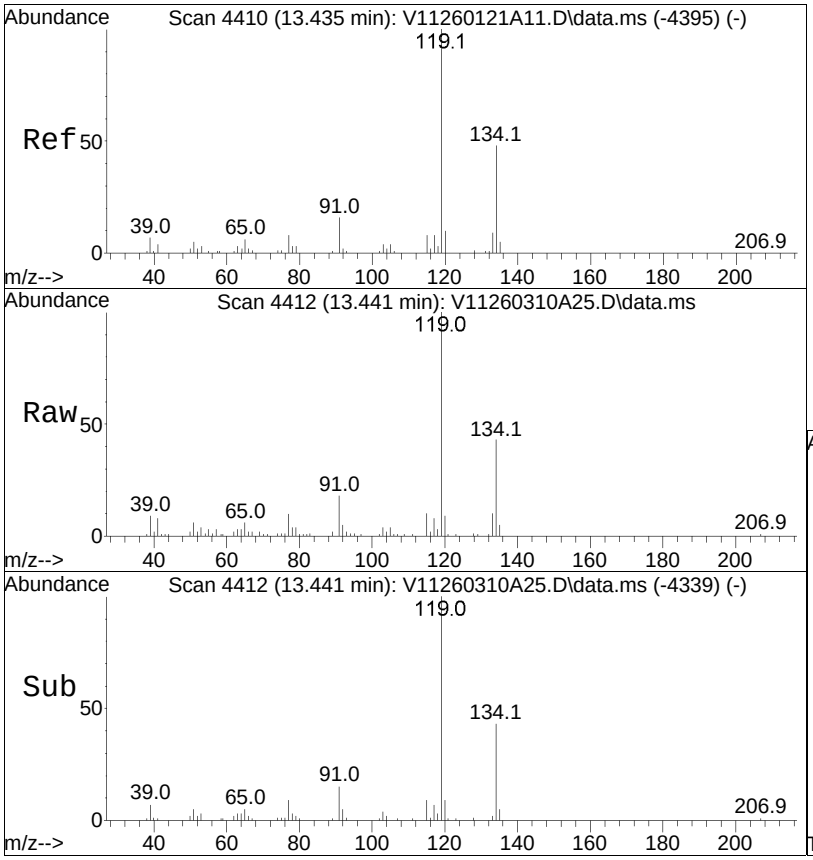


#103
n-Butylbenzene
Concen: 3.12 ug/L
RT: 12.710 min Scan# 4150
Delta R.T. -0.000 min
Lab File: V11260310A25.D
Acq: 10 Mar 2026 05:56 pm

Tgt Ion: 91 Resp: 28511

Ion	Ratio	Lower	Upper
91	100		
92	53.6	43.3	64.9
134	0.0	21.4	32.0#

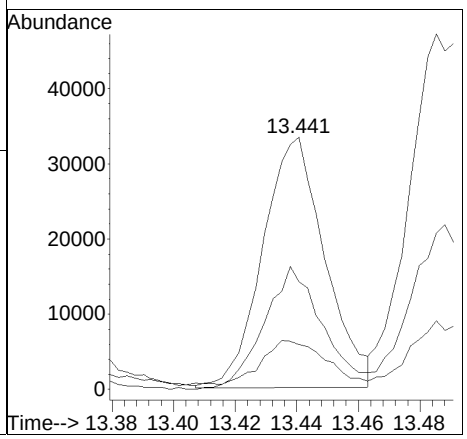


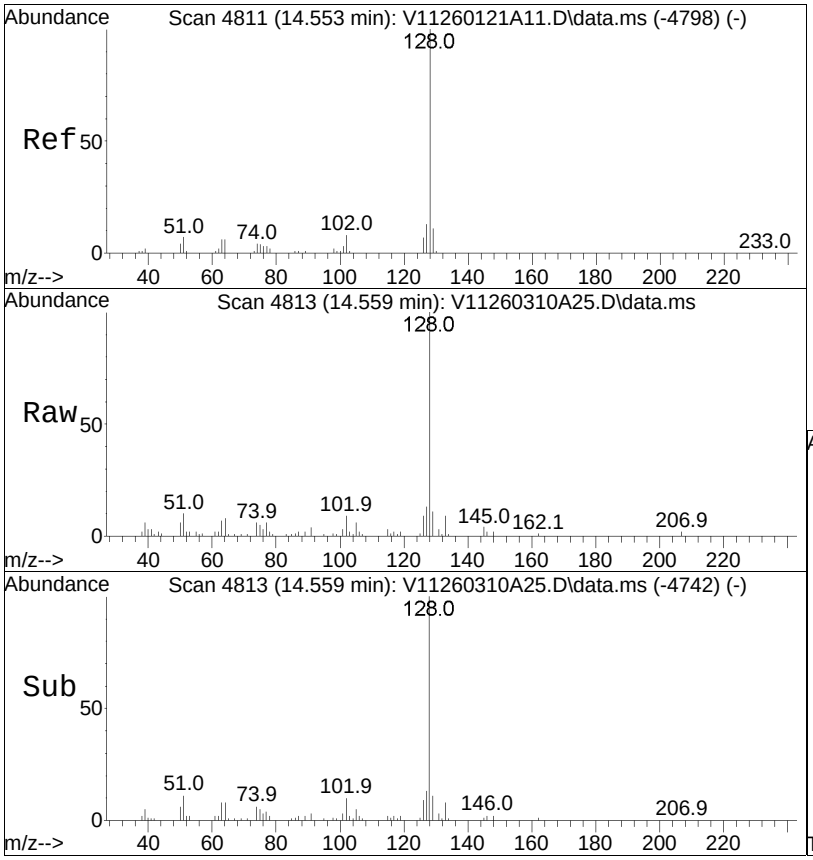


#105
1,2,4,5-Tetramethylbenzene
Concen: 5.09 ug/L
RT: 13.441 min Scan# 4412
Delta R.T. 0.003 min
Lab File: V11260310A25.D
Acq: 10 Mar 2026 05:56 pm

Tgt Ion:119 Resp: 46665

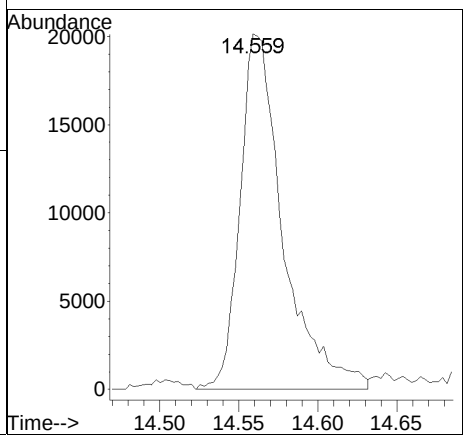
Ion	Ratio	Lower	Upper
119	100		
134	45.7	31.1	64.5
91	19.6	10.4	21.6





#110
Naphthalene
Concen: 6.65 ug/L
RT: 14.559 min Scan# 4813
Delta R.T. -0.003 min
Lab File: V11260310A25.D
Acq: 10 Mar 2026 05:56 pm

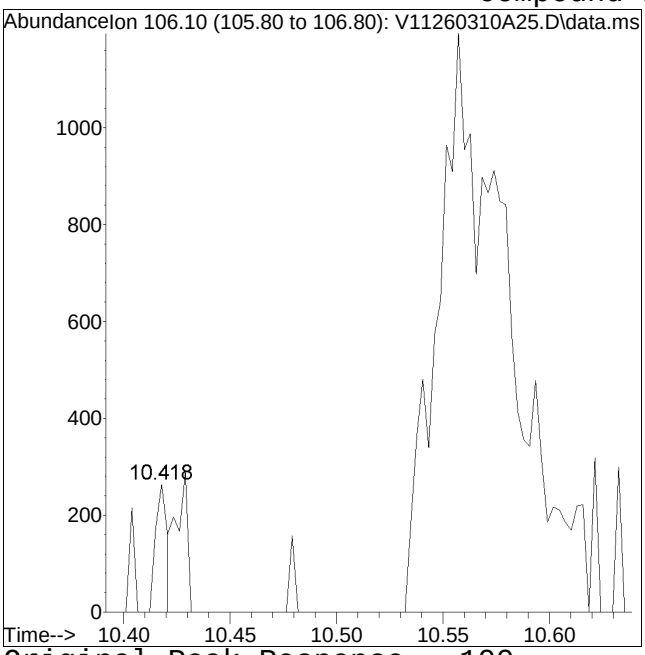
Tgt Ion:128 Resp: 38309

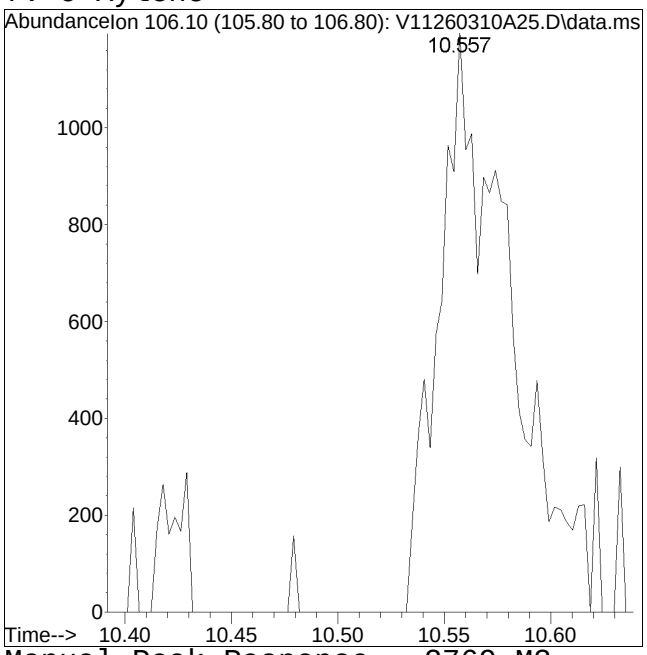


Manual Integration Report

Data Path : K:\VOA111\2026\260310A\ QMethod : V111_260121A_8260.m
Data File : V11260310A25.D Operator : VOA111:JIC
Date Inj'd : 3/10/2026 5:56 pm Instrument : VOA111
Sample : L2612196-07,31H,5.55,5,0.1Quant Date : 3/10/2026 8:56 pm

Compound #77: o Xylene





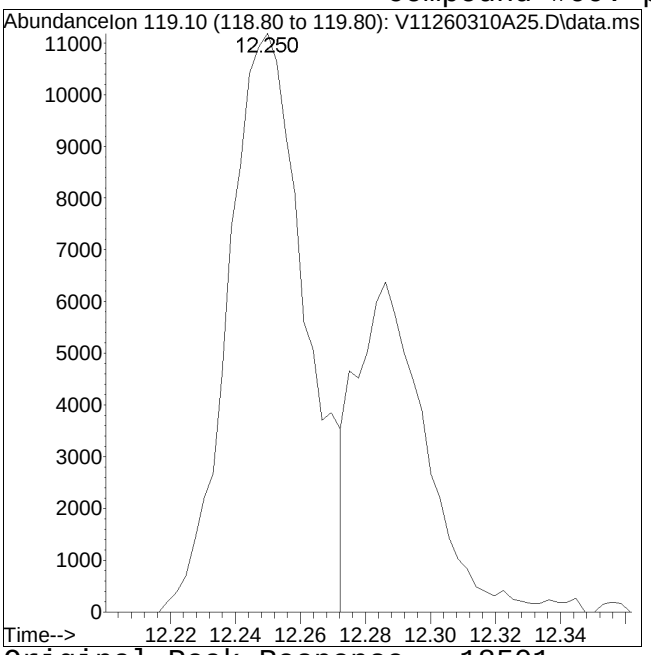
Original Peak Response = 100 Manual Peak Response = 2769 M3

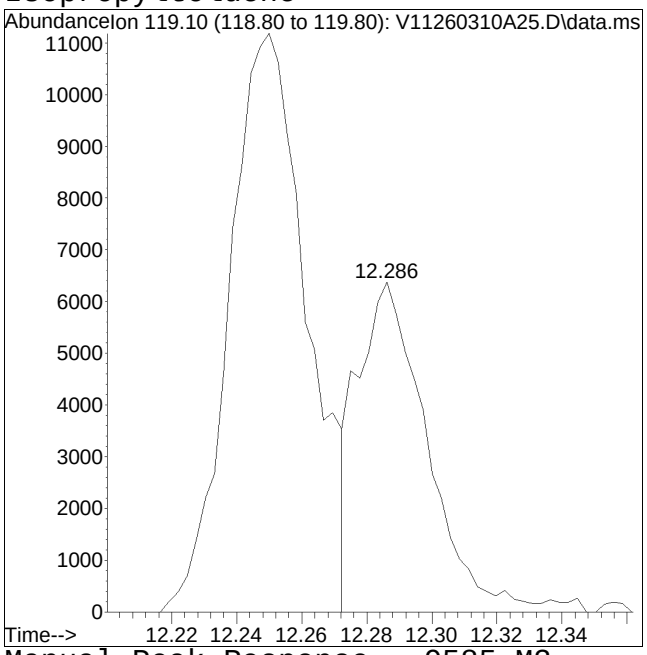
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA111\2026\260310A\ QMethod : V111_260121A_8260.m
Data File : V11260310A25.D Operator : VOA111:JIC
Date Inj'd : 3/10/2026 5:56 pm Instrument : VOA111
Sample : L2612196-07,31H,5.55,5,0.1Quant Date : 3/10/2026 8:56 pm

Compound #99: p-Isopropyltoluene





Original Peak Response = 18501 Manual Peak Response = 9585 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A26.D
Acq On : 10 Mar 2026 06:22 pm
Operator : VOA111:JIC
Sample : L2612196-05D2,31H,5.75,5,0.02,,A,29.47,35.72,
Misc : WG2183467,ICAL22987
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 11 06:30:38 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.201	96	212635	20.000 ug/L	0.00
Standard Area 1 = 173144			Recovery = 122.81%		
59) Chlorobenzene-d5	9.771	117	166524	20.000 ug/L	0.00
Standard Area 1 = 127198			Recovery = 130.92%		
79) 1,4-Dichlorobenzene-d4	12.431	152	85653	20.000 ug/L	0.00
Standard Area 1 = 64537			Recovery = 132.72%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.376	113	49155	18.539 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.70%		
43) 1,2-Dichloroethane-d4	5.917	65	56656	22.526 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 112.63%		
60) Toluene-d8	7.914	98	231900	21.563 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.82%		
83) 4-Bromofluorobenzene	11.240	95	86680	22.115 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 110.58%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	1.851	50	27	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.269	94	32	N.D.	
6) Chloroethane	2.361	64	26	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	3.100	76	786	N.D.	
15) Methylene chloride	3.641	84	2442M1	0.832 ug/L	
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	4.380	63	28	N.D.	
25) Acrylonitrile	0.000		0	N.D. d	
27) Vinyl acetate	0.000		0	N.D. d	
28) cis-1,2-Dichloroethene	4.899	96	31	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D. d	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D. d	

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A26.D
Acq On : 10 Mar 2026 06:22 pm
Operator : VOA111:JIC
Sample : L2612196-05D2,31H,5.75,5,0.02,,A,29.47,35.72,
Misc : WG2183467,ICAL22987
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 11 06:30:38 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	5.518	97	298	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	5.789	78	40	N.D.		
44) 1,2-Dichloroethane	5.981	62	127	N.D.		
48) Trichloroethene	0.000		0	N.D.	d	
50) Dibromomethane	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	0.000		0	N.D.	d	
54) Bromodichloromethane	0.000		0	N.D.	d	
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	7.766	75	32	N.D.		
61) Toluene	7.967	92	6490	0.944	ug/L	89
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d	
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
69) Chlorodibromomethane	9.032	129	88	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	9.155	107	130	N.D.		
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	9.799	112	32	N.D.		
74) Ethylbenzene	9.829	91	1275293	96.363	ug/L	97
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	10.013	106	1279442	256.048	ug/L	92
77) o Xylene	10.554	106	15909	3.120	ug/L	99
78) Styrene	10.552	104	479	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.920	105	181888	14.250	ug/L	97
84) Bromobenzene	11.491	156	27	N.D.		
85) n-Propylbenzene	11.388	91	799663	53.578	ug/L	97
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d	
88) 4-Ethyltoluene	11.505	105	2134416	169.555	ug/L	99
89) 2-Chlorotoluene	0.000		0	N.D.	d	
90) 1,3,5-Trimethylbenzene	11.606	105	986438	89.695	ug/L	96
91) 1,2,3-Trichloropropane	0.000		0	N.D.	d	
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
93) 4-Chlorotoluene	0.000		0	N.D.	d	
94) tert-Butylbenzene	0.000		0	N.D.	d	

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A26.D
Acq On : 10 Mar 2026 06:22 pm
Operator : VOA111:JIC
Sample : L2612196-05D2,31H,5.75,5,0.02,,A,29.47,35.72,
Misc : WG2183467,ICAL22987
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 11 06:30:38 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.019	105	3450921	318.346	ug/L	96
98) sec-Butylbenzene	12.133	105	108072	7.961	ug/L #	64
99) p-Isopropyltoluene	12.283	119	72211	6.090	ug/L	93
100) 1,3-Dichlorobenzene	0.000		0	N.D.		
101) 1,4-Dichlorobenzene	0.000		0	N.D.		
102) p-Diethylbenzene	12.677	119	910019M3	129.220	ug/L	
103) n-Butylbenzene	12.710	91	234803	21.939	ug/L #	82
104) 1,2-Dichlorobenzene	13.009	146	32	N.D.		
105) 1,2,4,5-Tetramethylben...	13.435	119	391441	36.429	ug/L	94
106) 1,2-Dibromo-3-chloropr...	13.636	155	29	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.266	180	27	N.D.		
110) Naphthalene	14.556	128	259552	38.468	ug/L	100
111) 1,2,3-Trichlorobenzene	14.771	180	26	N.D.		

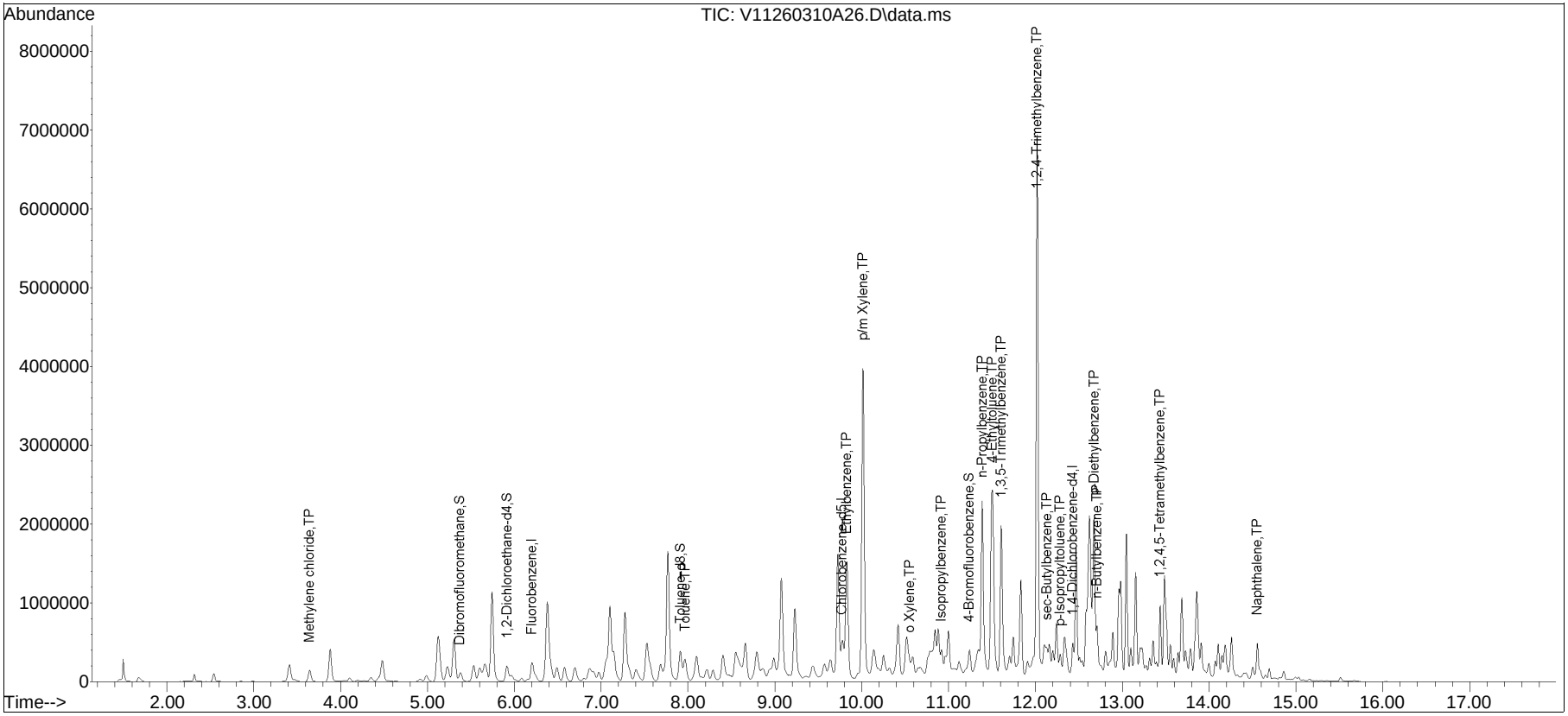
(#) = qualifier out of range (m) = manual integration (+) = signals summed

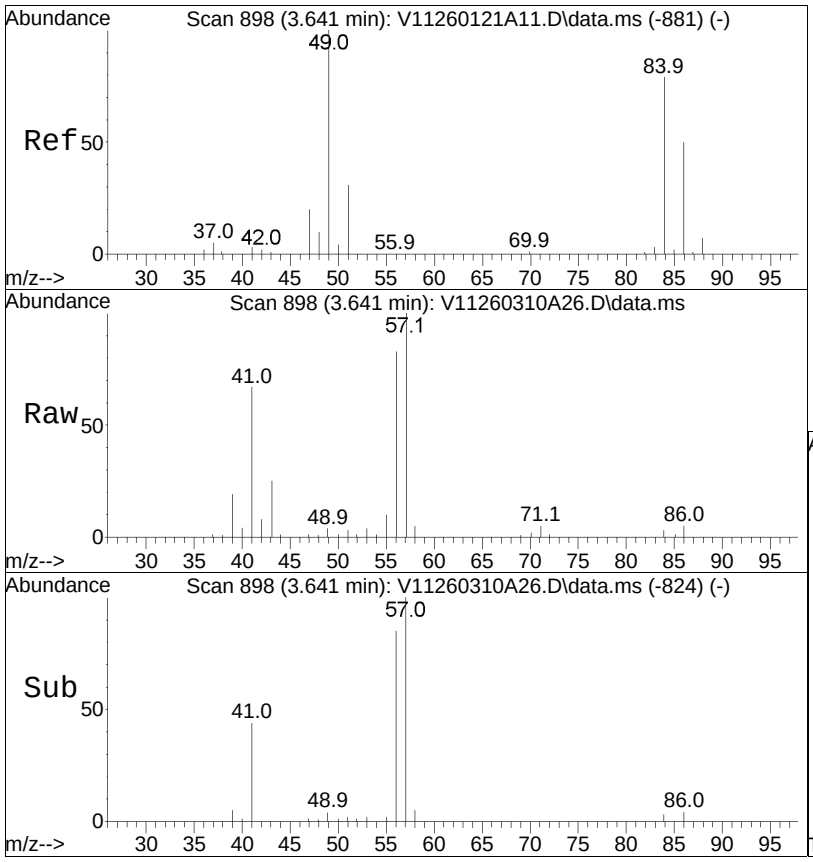
Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A26.D
Acq On : 10 Mar 2026 06:22 pm
Operator : VOA111:JIC
Sample : L2612196-05D2,31H,5.75,5,0.02,,A,29.47,35.72,
Misc : WG2183467,ICAL22987
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 11 06:30:38 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox260310A02.D•

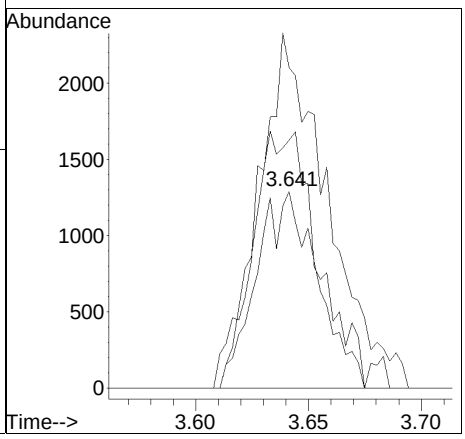


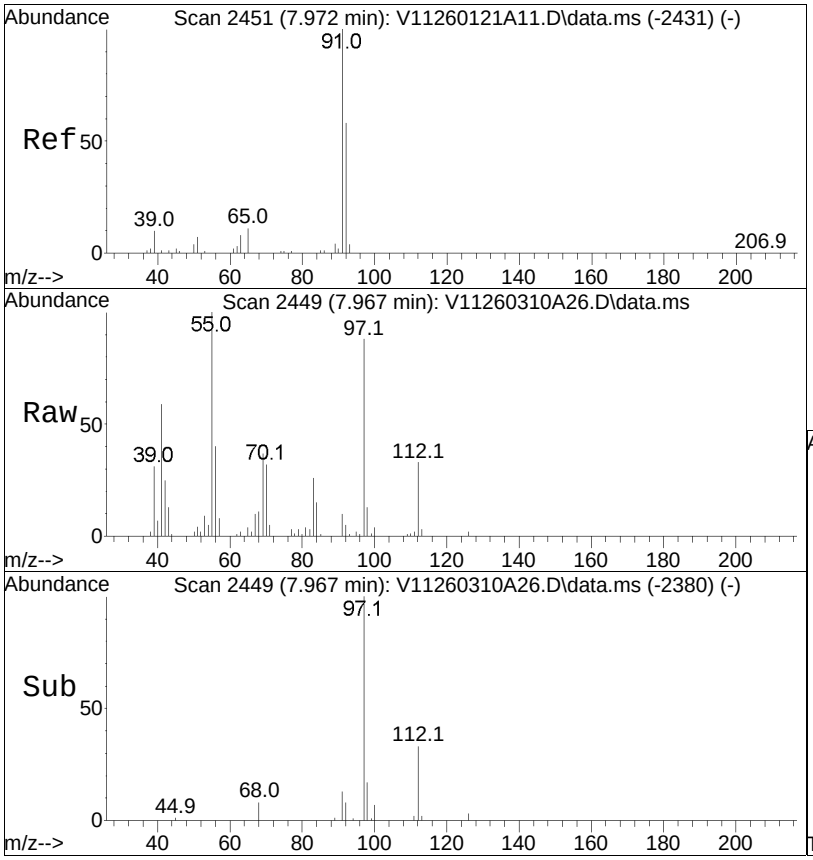


#15
Methylene chloride
Concen: 0.83 ug/L M1
RT: 3.641 min Scan# 898
Delta R.T. 0.006 min
Lab File: V11260310A26.D
Acq: 10 Mar 2026 06:22 pm

Tgt Ion: 84 Resp: 2442

Ion	Ratio	Lower	Upper
84	100		
86	202.2	41.1	85.3#
49	57.7	124.2	258.0#

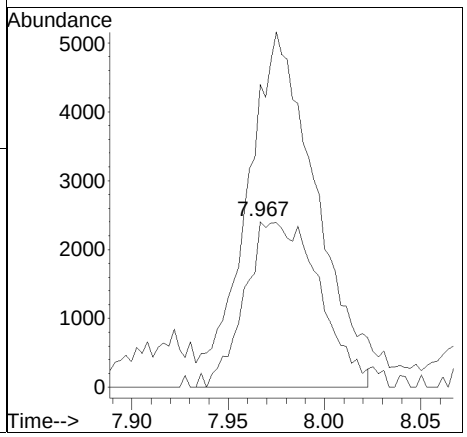


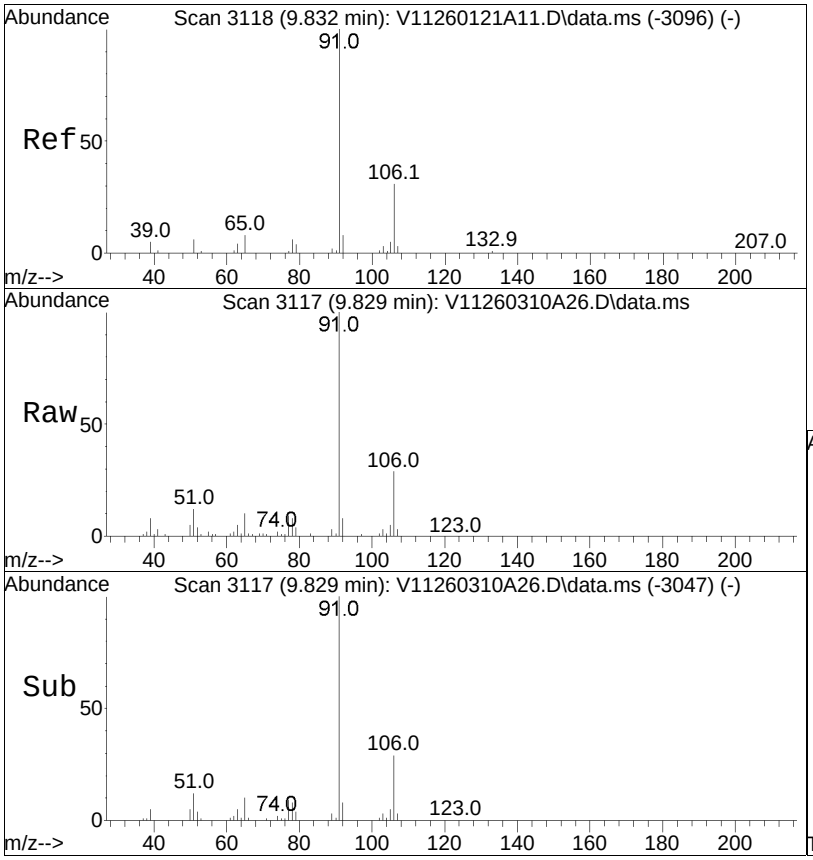


#61
Toluene
Concen: 0.94 ug/L
RT: 7.967 min Scan# 2449
Delta R.T. -0.008 min
Lab File: V11260310A26.D
Acq: 10 Mar 2026 06:22 pm

Tgt Ion: 92 Resp: 6490

Ion	Ratio	Lower	Upper
92	100		
91	182.5	133.7	200.5

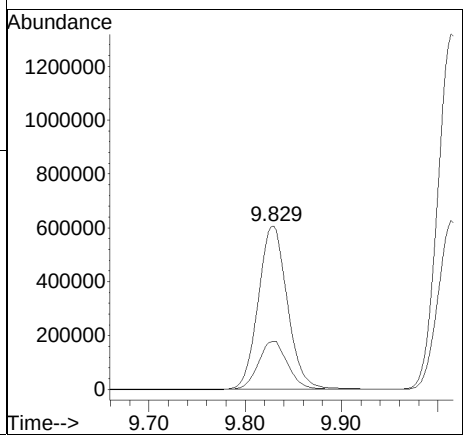


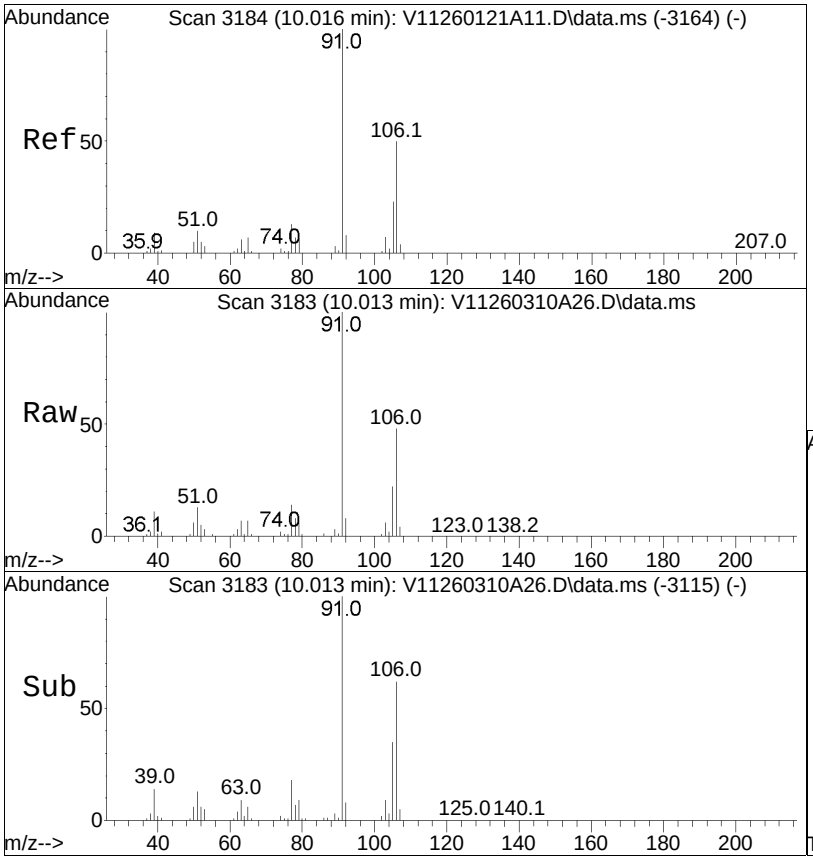


#74
Ethylbenzene
Concen: 96.36 ug/L
RT: 9.829 min Scan# 3117
Delta R.T. -0.006 min
Lab File: V11260310A26.D
Acq: 10 Mar 2026 06:22 pm

Tgt Ion: 91 Resp: 1275293

Ion	Ratio	Lower	Upper
91	100		
106	29.6	25.0	37.4

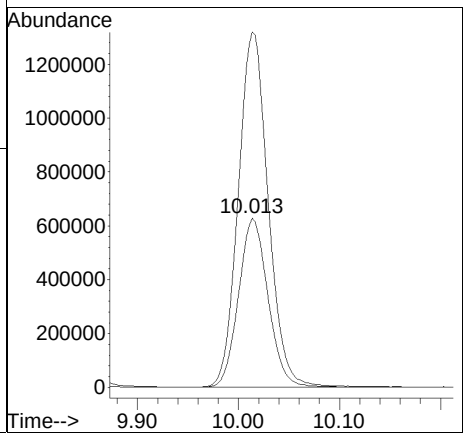


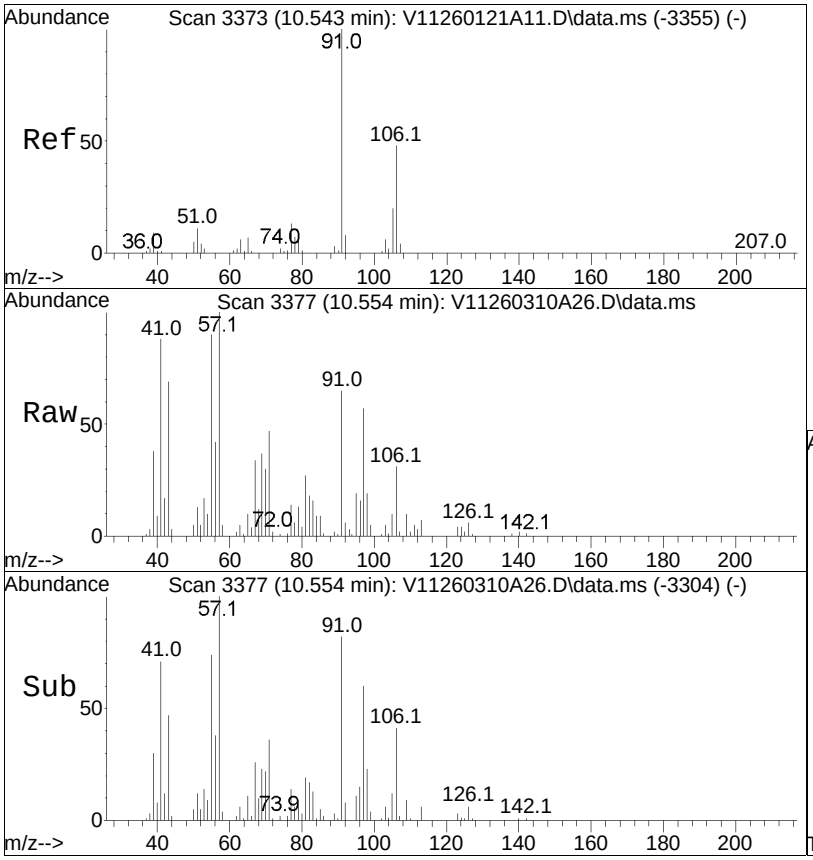


#76
p/m Xylene
Concen: 256.05 ug/L
RT: 10.013 min Scan# 3183
Delta R.T. -0.011 min
Lab File: V11260310A26.D
Acq: 10 Mar 2026 06:22 pm

Tgt Ion:106 Resp: 1279442

Ion	Ratio	Lower	Upper
106	100		
91	211.2	159.3	238.9

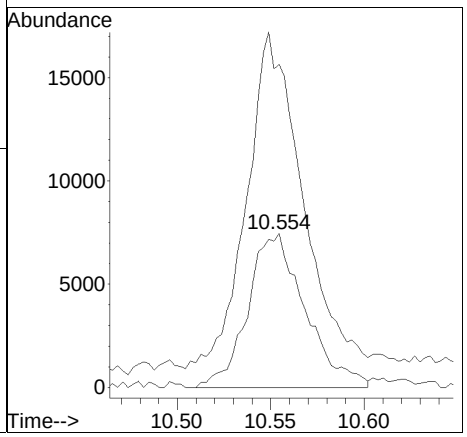


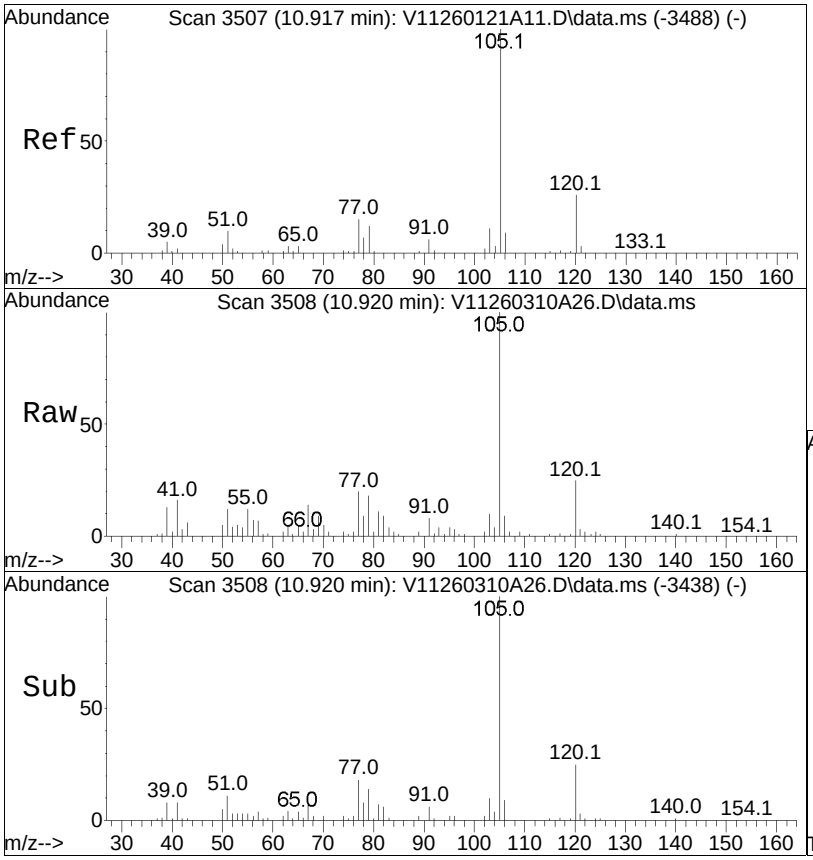


#77
o Xylene
Concen: 3.12 ug/L
RT: 10.554 min Scan# 3377
Delta R.T. 0.003 min
Lab File: V11260310A26.D
Acq: 10 Mar 2026 06:22 pm

Tgt Ion:106 Resp: 15909

Ion	Ratio	Lower	Upper
106	100		
91	211.8	170.2	255.2

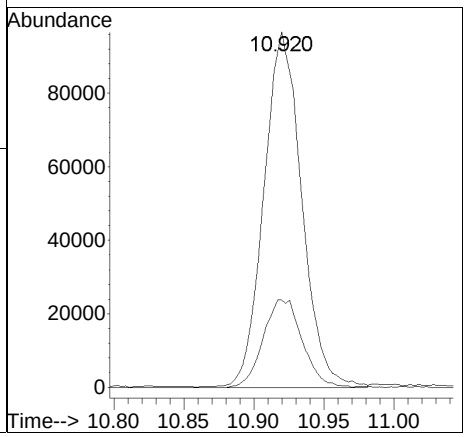


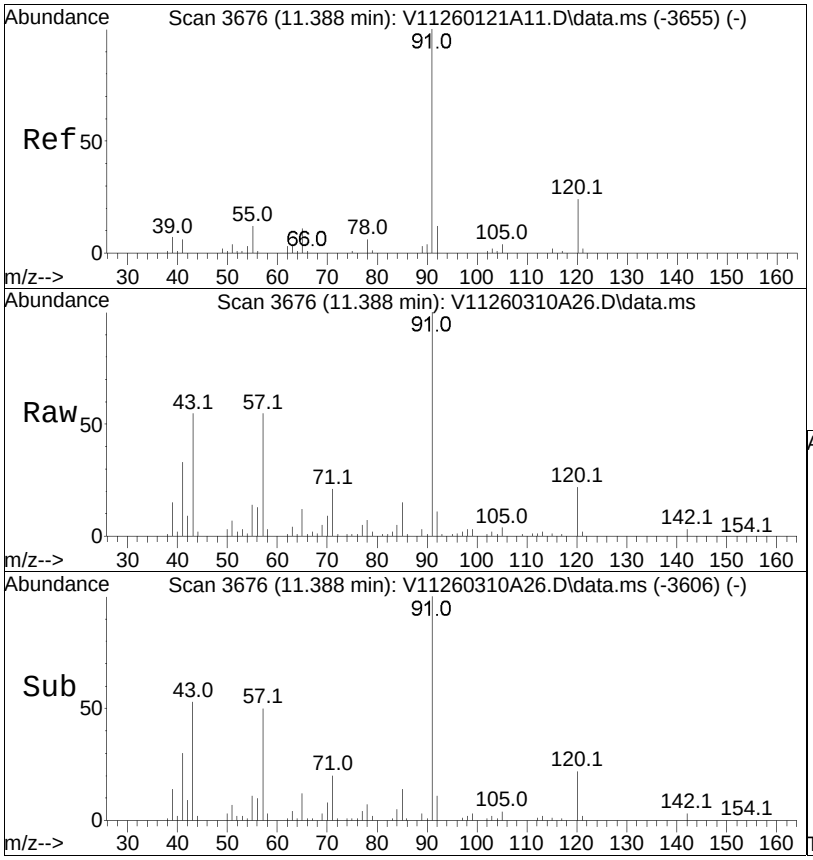


#82
Isopropylbenzene
Concen: 14.25 ug/L
RT: 10.920 min Scan# 3508
Delta R.T. -0.006 min
Lab File: V11260310A26.D
Acq: 10 Mar 2026 06:22 pm

Tgt Ion:105 Resp: 181888

Ion	Ratio	Lower	Upper
105	100		
120	25.4	6.9	46.9

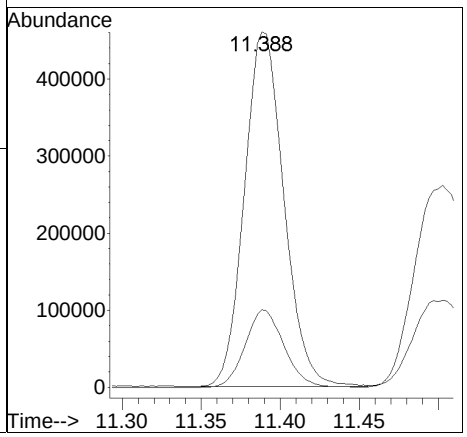


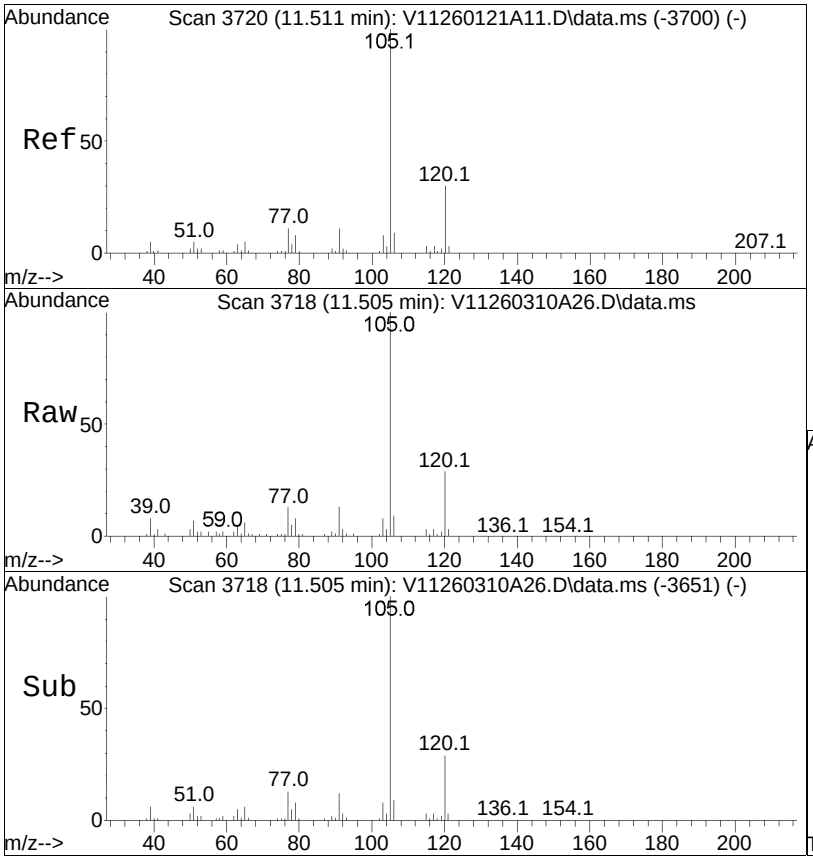


#85
n-Propylbenzene
Concen: 53.58 ug/L
RT: 11.388 min Scan# 3676
Delta R.T. -0.006 min
Lab File: V11260310A26.D
Acq: 10 Mar 2026 06:22 pm

Tgt Ion: 91 Resp: 799663

Ion	Ratio	Lower	Upper
91	100		
120	21.6	18.6	27.8

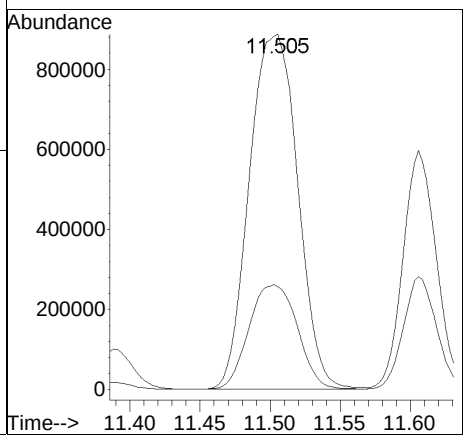


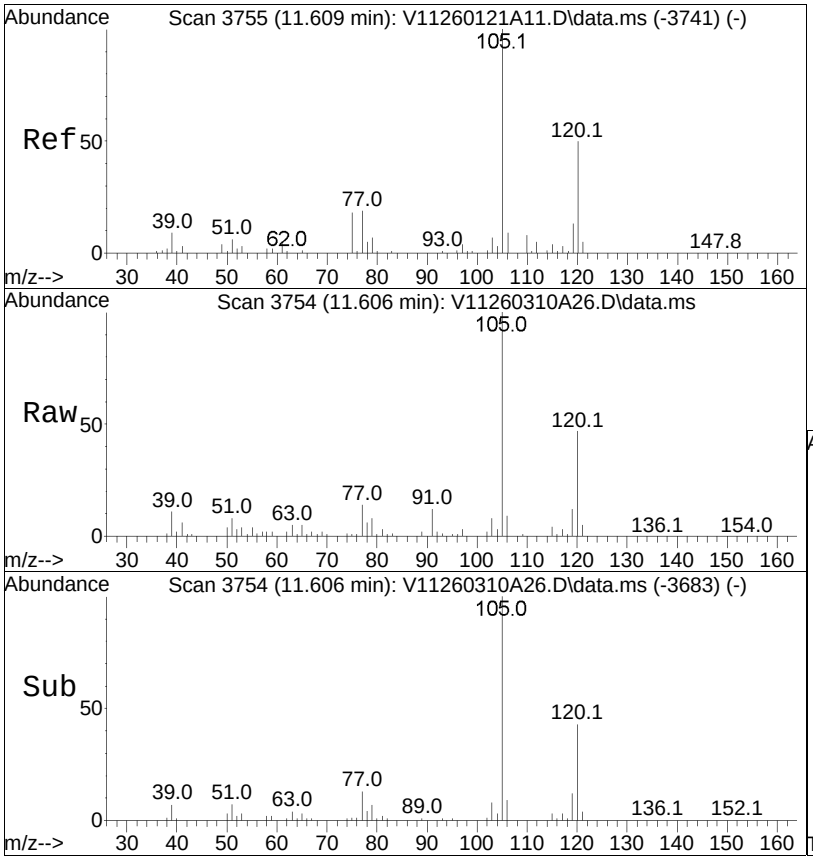


#88
4-Ethyltoluene
Concen: 169.55 ug/L
RT: 11.505 min Scan# 3718
Delta R.T. -0.014 min
Lab File: V11260310A26.D
Acq: 10 Mar 2026 06:22 pm

Tgt Ion:105 Resp: 2134416

Ion	Ratio	Lower	Upper
105	100		
120	29.4	19.5	40.5

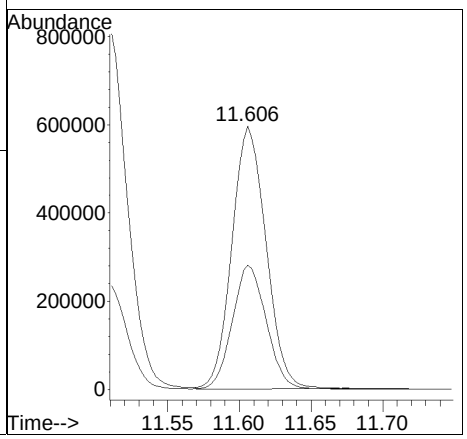


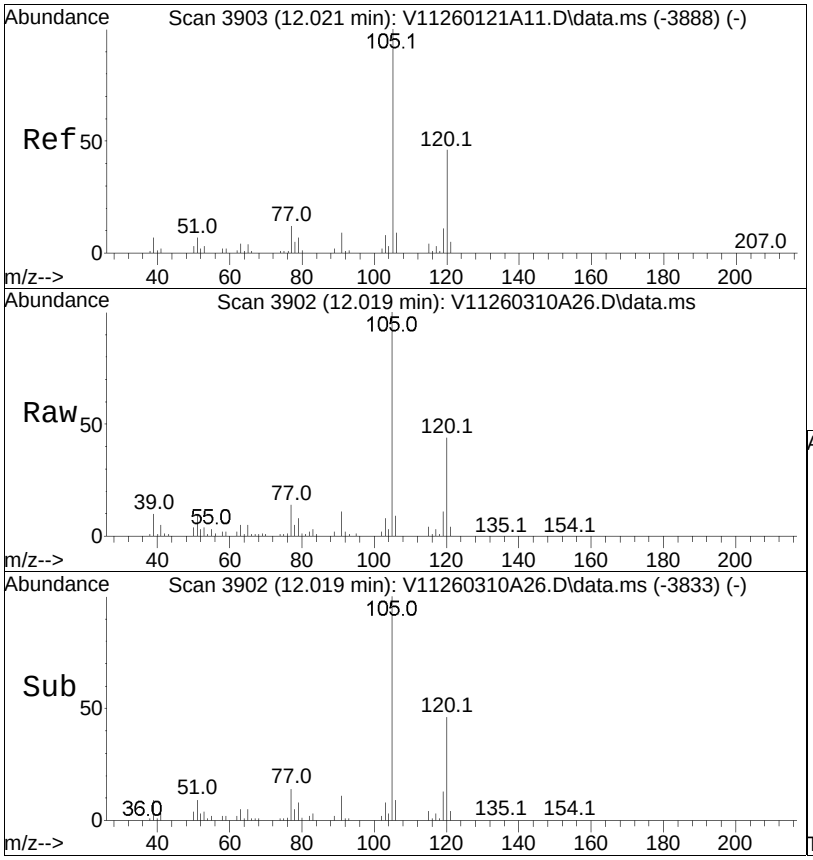


#90
1,3,5-Trimethylbenzene
Concen: 89.70 ug/L
RT: 11.606 min Scan# 3754
Delta R.T. -0.003 min
Lab File: V11260310A26.D
Acq: 10 Mar 2026 06:22 pm

Tgt Ion:105 Resp: 986438

Ion	Ratio	Lower	Upper
105	100		
120	46.7	39.8	59.8

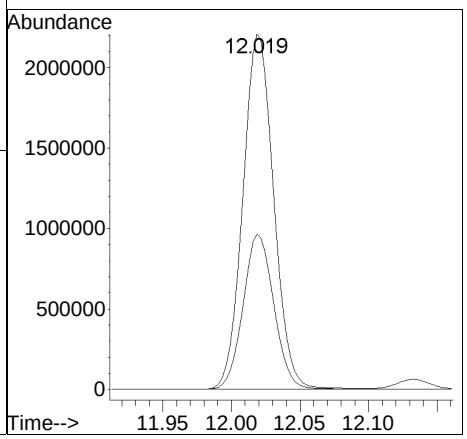


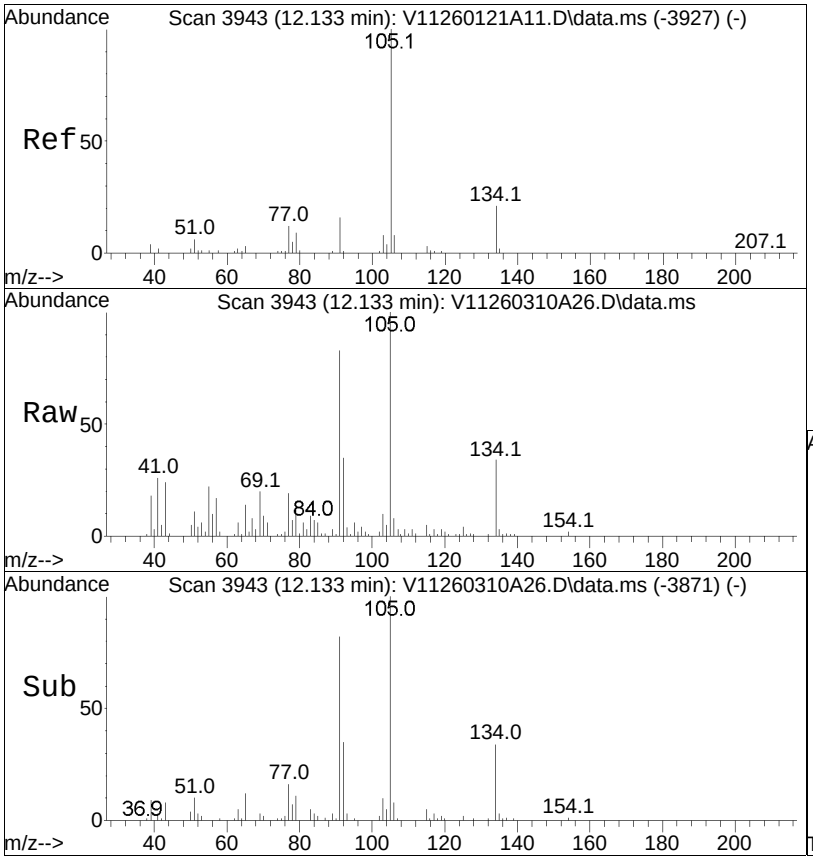


#97
1,2,4-Trimethylbenzene
Concen: 318.35 ug/L
RT: 12.019 min Scan# 3902
Delta R.T. -0.008 min
Lab File: V11260310A26.D
Acq: 10 Mar 2026 06:22 pm

Tgt Ion:105 Resp: 3450921

Ion	Ratio	Lower	Upper
105	100		
120	43.8	37.4	56.0

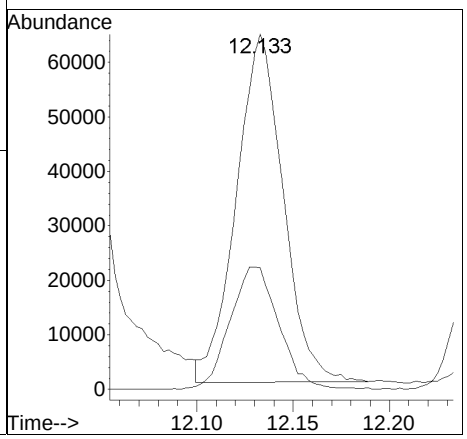


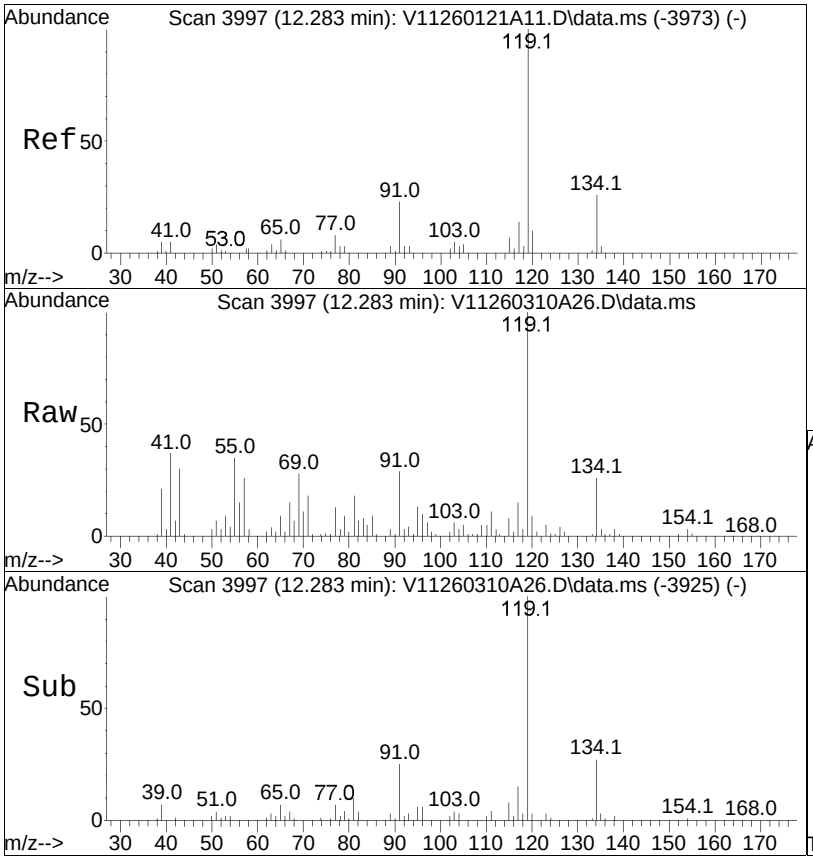


#98
sec-Butylbenzene
Concen: 7.96 ug/L
RT: 12.133 min Scan# 3943
Delta R.T. 0.000 min
Lab File: V11260310A26.D
Acq: 10 Mar 2026 06:22 pm

Tgt Ion:105 Resp: 108072

Ion	Ratio	Lower	Upper
105	100		
134	36.7	13.2	27.4#

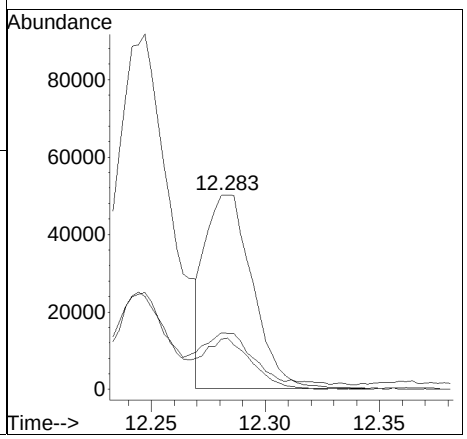


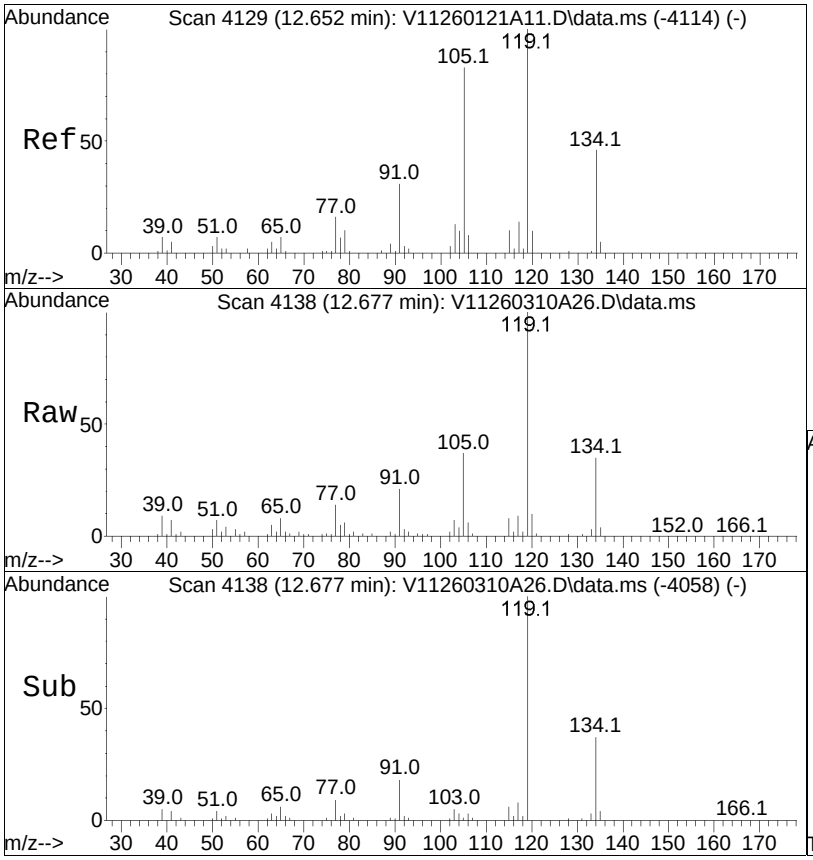


#99
p-Isopropyltoluene
Concen: 6.09 ug/L
RT: 12.283 min Scan# 3997
Delta R.T. 0.000 min
Lab File: V11260310A26.D
Acq: 10 Mar 2026 06:22 pm

Tgt Ion:119 Resp: 72211

Ion	Ratio	Lower	Upper
119	100		
134	25.6	17.1	35.5
91	30.2	15.3	31.9

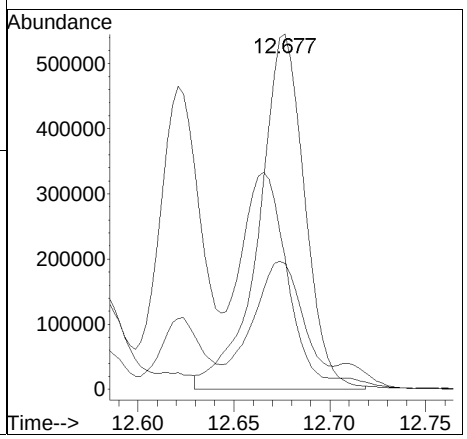


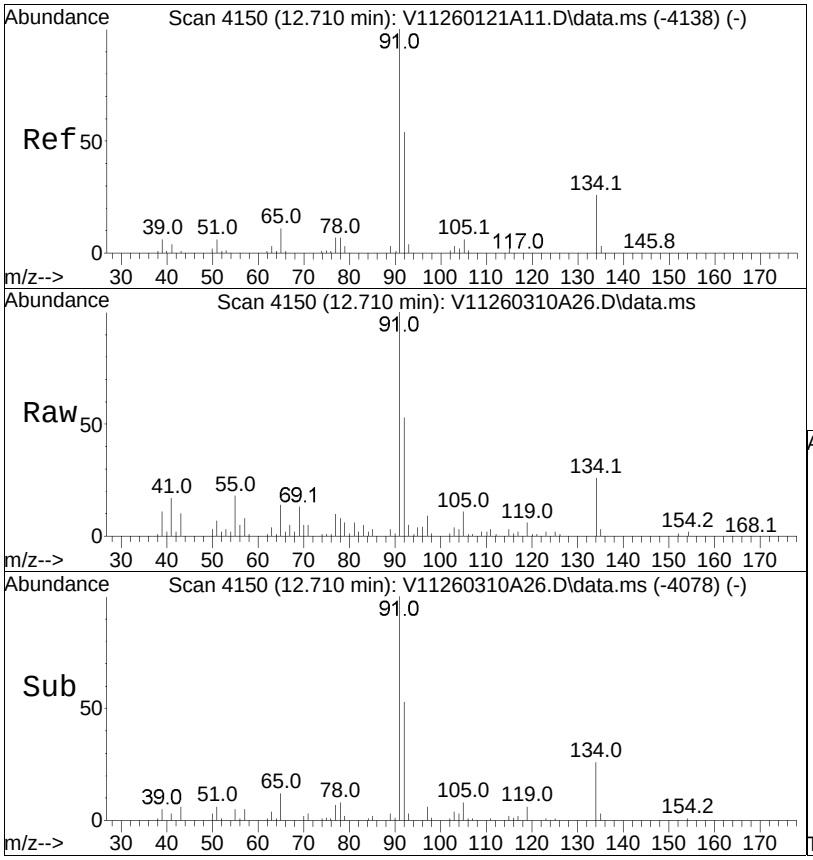


#102
p-Diethylbenzene
Concen: 129.22 ug/L M3
RT: 12.677 min Scan# 4138
Delta R.T. 0.022 min
Lab File: V11260310A26.D
Acq: 10 Mar 2026 06:22 pm

Tgt Ion:119 Resp: 910019

Ion	Ratio	Lower	Upper
119	100		
105	23.1	54.5	113.3#
134	9.7	29.9	62.1#

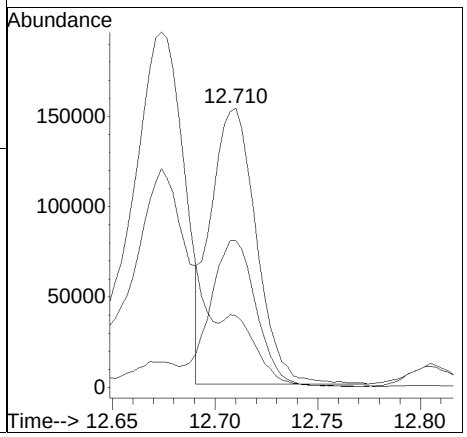


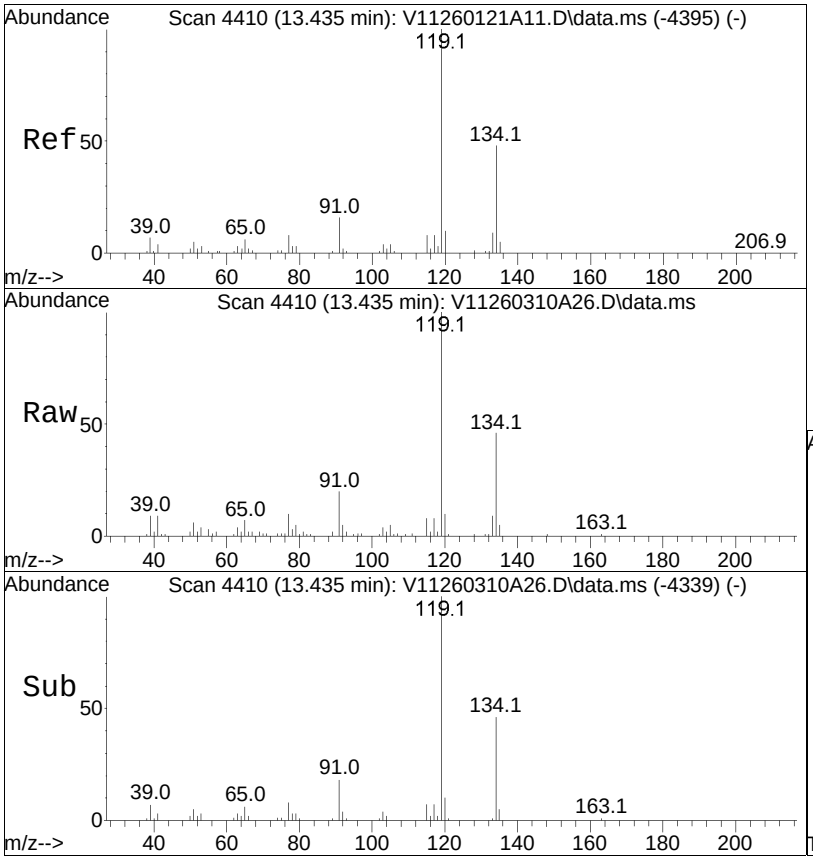


#103
n-Butylbenzene
Concen: 21.94 ug/L
RT: 12.710 min Scan# 4150
Delta R.T. 0.000 min
Lab File: V11260310A26.D
Acq: 10 Mar 2026 06:22 pm

Tgt Ion: 91 Resp: 234803

Ion	Ratio	Lower	Upper
91	100		
92	54.7	43.3	64.9
134	0.0	21.4	32.0#

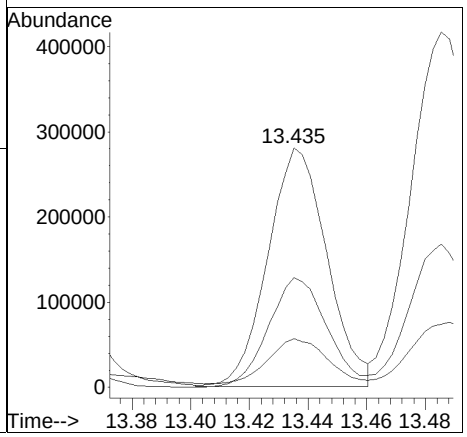


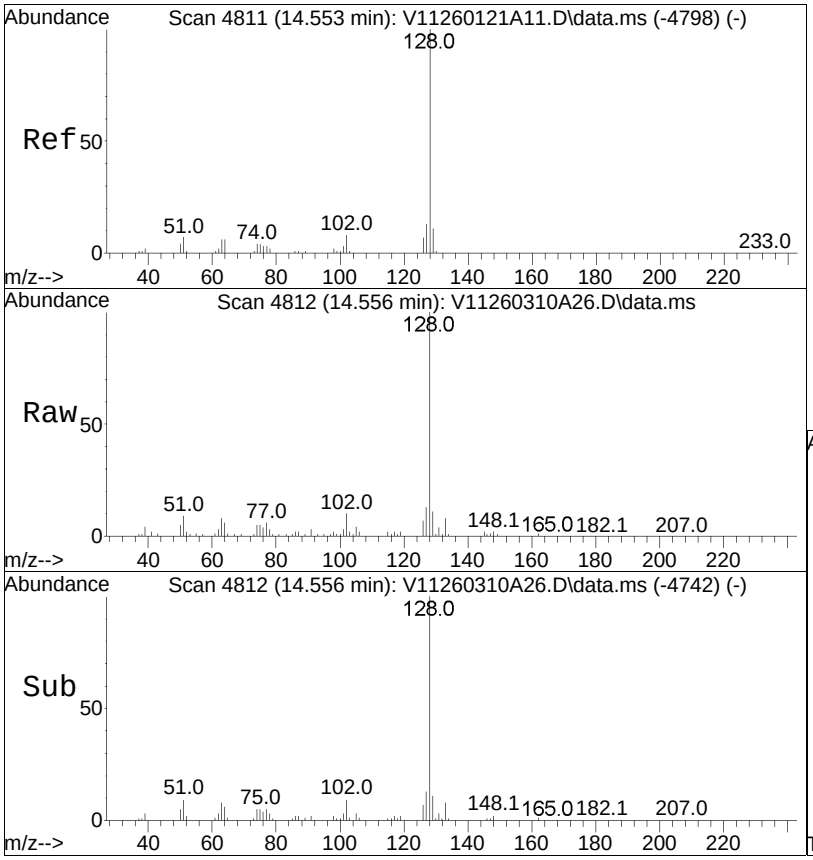


#105
1,2,4,5-Tetramethylbenzene
Concen: 36.43 ug/L
RT: 13.435 min Scan# 4410
Delta R.T. -0.003 min
Lab File: V11260310A26.D
Acq: 10 Mar 2026 06:22 pm

Tgt Ion:119 Resp: 391441

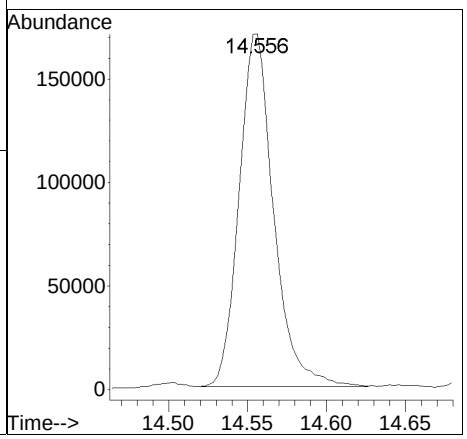
Ion	Ratio	Lower	Upper
119	100		
134	45.1	31.1	64.5
91	21.0	10.4	21.6





#110
Naphthalene
Concen: 38.47 ug/L
RT: 14.556 min Scan# 4812
Delta R.T. -0.006 min
Lab File: V11260310A26.D
Acq: 10 Mar 2026 06:22 pm

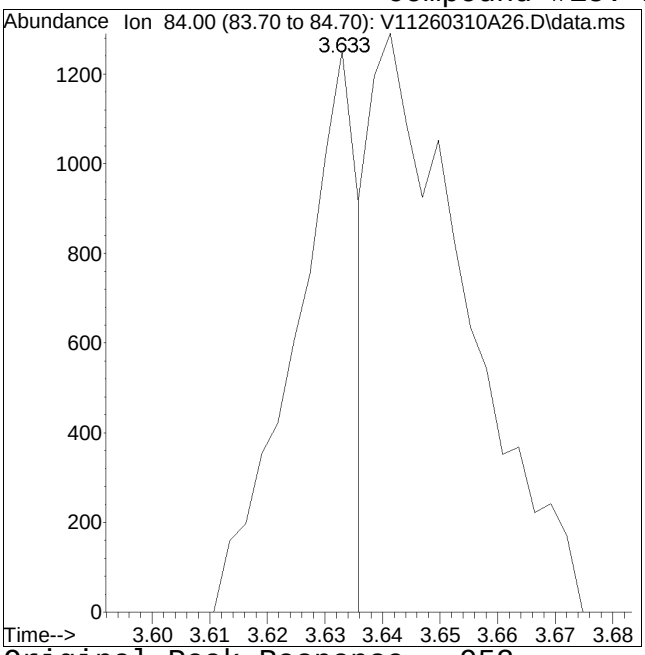
Tgt Ion:128 Resp: 259552



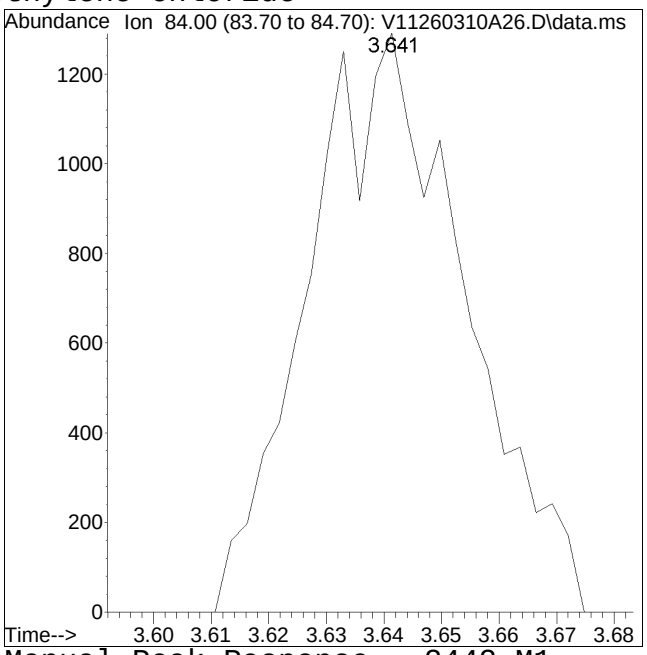
Manual Integration Report

Data Path : K:\VOA111\2026\260310A\ QMethod : V111_260121A_8260.m
Data File : V11260310A26.D Operator : VOA111:JIC
Date Inj'd : 3/10/2026 6:22 pm Instrument : VOA111
Sample : L2612196-05D2,31H,5.75,5,0Quant Date : 3/10/2026 8:57 pm

Compound #15: Methylene chloride



Original Peak Response = 952



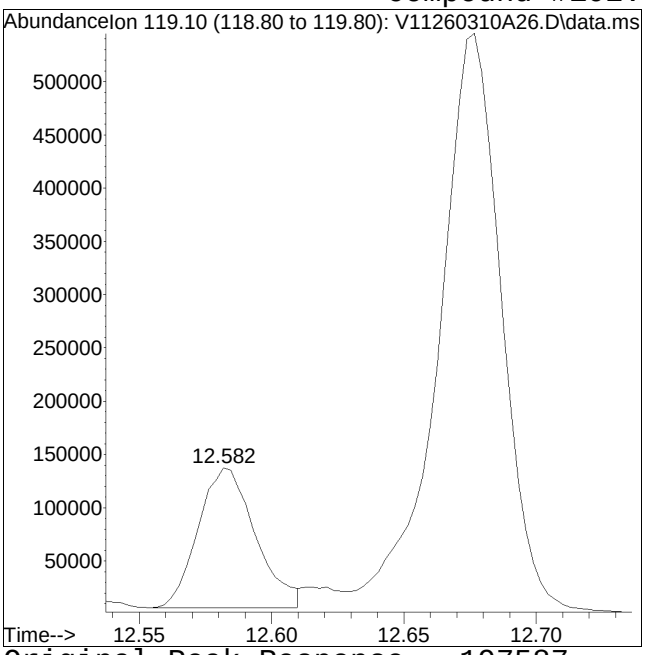
Manual Peak Response = 2442 M1

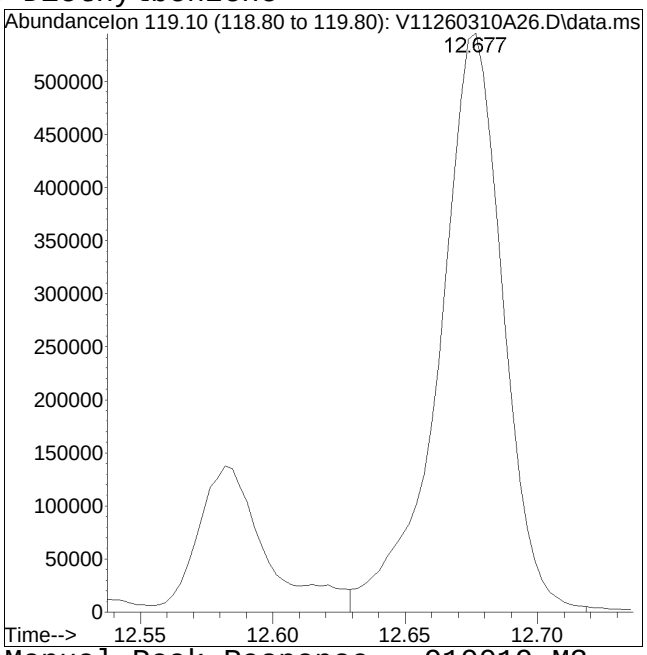
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260310A\ QMethod : V111_260121A_8260.m
Data File : V11260310A26.D Operator : VOA111:JIC
Date Inj'd : 3/10/2026 6:22 pm Instrument : VOA111
Sample : L2612196-05D2,31H,5.75,5,0Quant Date : 3/10/2026 8:57 pm

Compound #102: p-Diethylbenzene





Original Peak Response = 197587 Manual Peak Response = 910019 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A06.D
Acq On : 10 Mar 2026 09:45 am
Operator : VOA111:MNF
Sample : L2612196-09,31,5.0,5,,C
Misc : WG2183816,ICAL22987
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 10 13:29:32 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.207	96	149750	20.000 ug/L	0.00
Standard Area 1 = 173144			Recovery = 86.49%		
59) Chlorobenzene-d5	9.779	117	103296	20.000 ug/L	0.00
Standard Area 1 = 127198			Recovery = 81.21%		
79) 1,4-Dichlorobenzene-d4	12.434	152	50177	20.000 ug/L	0.00
Standard Area 1 = 64537			Recovery = 77.75%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.379	113	39100	20.940 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.70%		
43) 1,2-Dichloroethane-d4	5.917	65	42074	23.753 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 118.77%		
60) Toluene-d8	7.916	98	147048	22.043 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 110.22%		
83) 4-Bromofluorobenzene	11.246	95	44289	19.289 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.45%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D. d	
3) Chloromethane	0.000		0	N.D. d	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	3.098	76	568	N.D.	
15) Methylene chloride	3.644	84	369	0.179 ug/L #	1
17) Acetone	0.000		0	N.D.	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A06.D
Acq On : 10 Mar 2026 09:45 am
Operator : VOA111:MNF
Sample : L2612196-09,31,5.0,5,,C
Misc : WG2183816,ICAL22987
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 10 13:29:32 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	6.332	95	56		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.774	91	88		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.252	91	34		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	11.517	75	36		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A06.D
Acq On : 10 Mar 2026 09:45 am
Operator : VOA111:MNF
Sample : L2612196-09,31,5.0,5,,C
Misc : WG2183816,ICAL22987
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 10 13:29:32 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
98) sec-Butylbenzene	0.000		0		N.D.	
99) p-Isopropyltoluene	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	0.000		0		N.D.	
101) 1,4-Dichlorobenzene	0.000		0		N.D.	
102) p-Diethylbenzene	0.000		0		N.D.	
103) n-Butylbenzene	0.000		0		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	13.466	119	28		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
110) Naphthalene	14.615	128	28		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

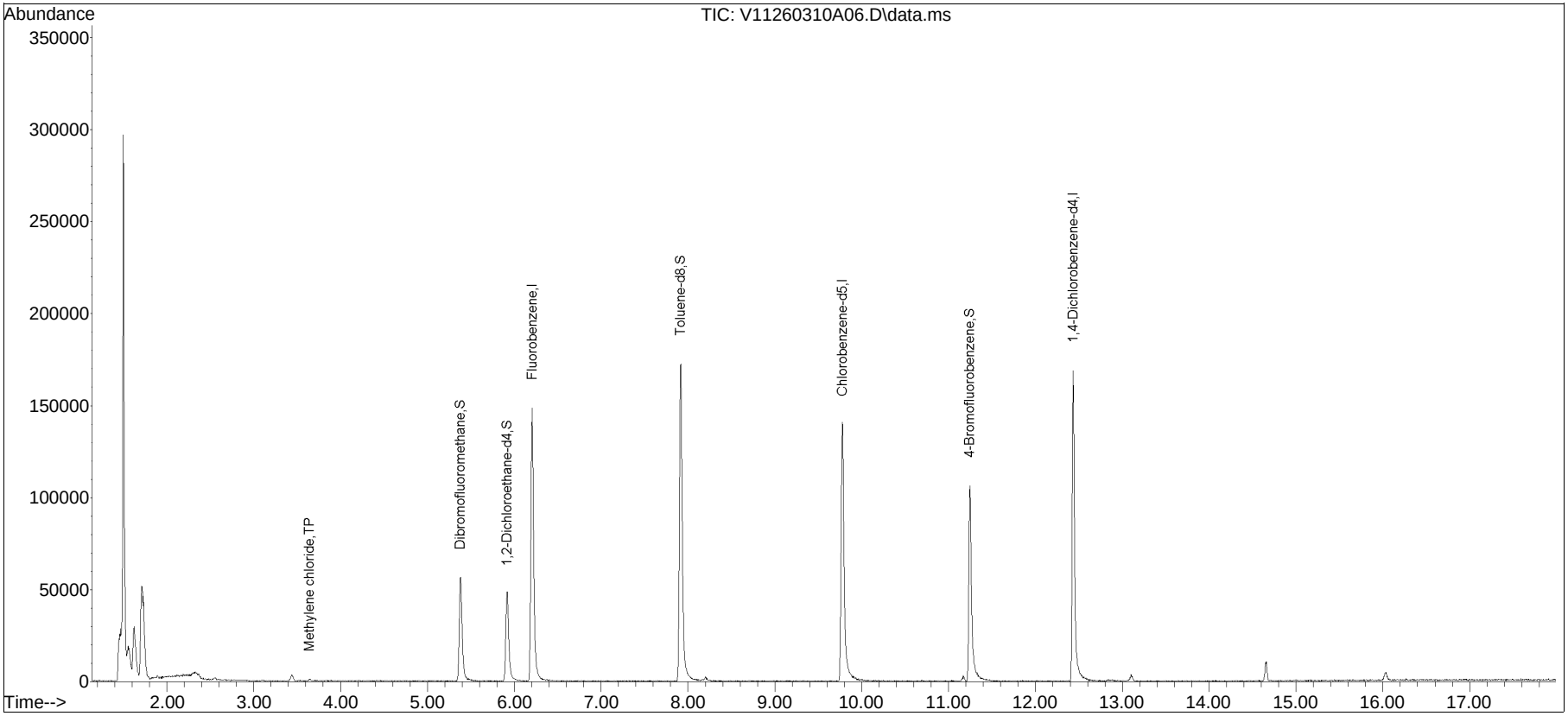
(#) = qualifier out of range (m) = manual integration (+) = signals summed

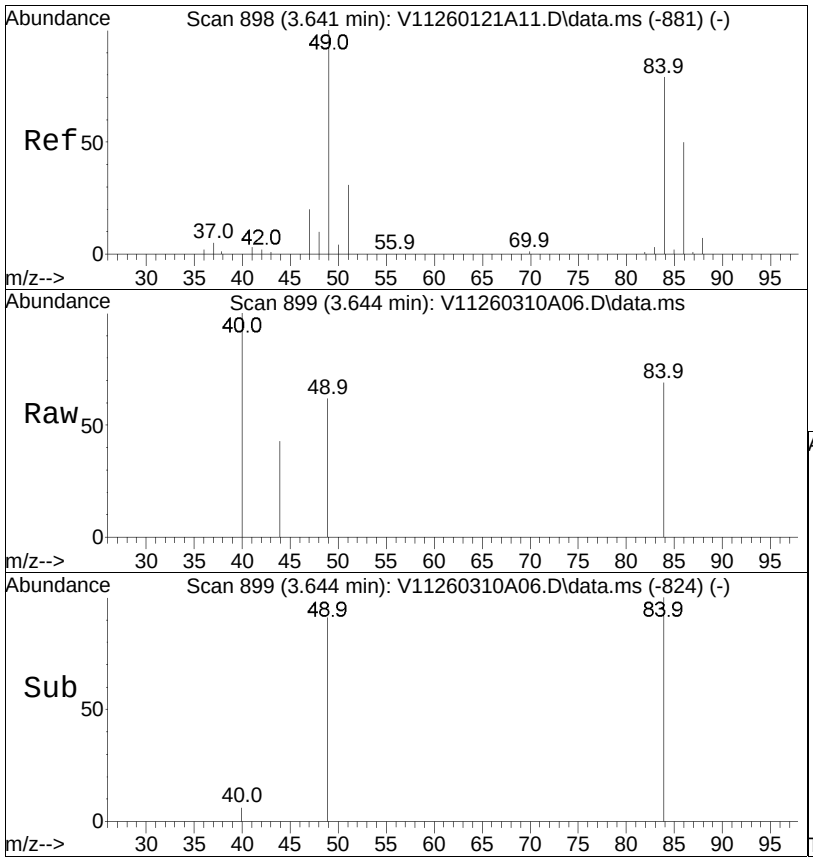
Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A06.D
Acq On : 10 Mar 2026 09:45 am
Operator : VOA111:MNF
Sample : L2612196-09,31,5.0,5,,C
Misc : WG2183816,ICAL22987
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 10 13:29:32 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox260310A02.D•

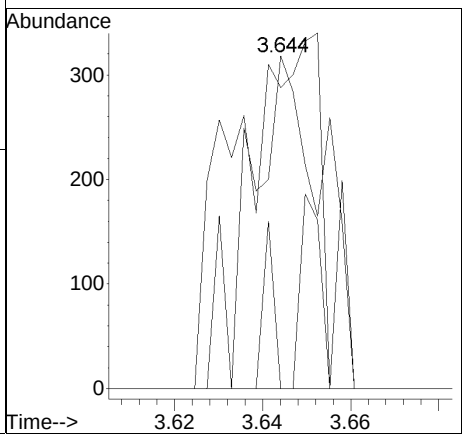




#15
Methylene chloride
Concen: 0.18 ug/L
RT: 3.644 min Scan# 899
Delta R.T. 0.008 min
Lab File: V11260310A06.D
Acq: 10 Mar 2026 09:45 am

Tgt Ion: 84 Resp: 369

Ion	Ratio	Lower	Upper
84	100		
86	7.3	41.1	85.3#
49	30.6	124.2	258.0#



Manual Integration Report

Data Path	: K:\VOA111\2026\260310A\	QMethod	: V111_260121A_8260.m
Data File	: V11260310A06.D	Operator	: VOA111:MNF
Date Inj'd	: 3/10/2026 9:45 am	Instrument	: VOA111
Sample	: L2612196-09,31,5.0,5,,C	Quant Date	: 3/10/2026 1:29 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A13.D
Acq On : 10 Mar 2026 12:44 pm
Operator : VOA111:MNF
Sample : L2612196-04,31,4.92,5,,C,32.41,37.58,0.25
Misc : WG2183816,ICAL22987
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 11 09:16:29 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.204	96	180310	20.000	ug/L	0.00
Standard Area 1 = 173144			Recovery = 104.14%			
59) Chlorobenzene-d5	9.774	117	183826	20.000	ug/L	0.00
Standard Area 1 = 127198			Recovery = 144.52%			
79) 1,4-Dichlorobenzene-d4	12.434	152	63107	20.000	ug/L	0.00
Standard Area 1 = 64537			Recovery = 97.78%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.379	113	45463	20.221	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.11%			
43) 1,2-Dichloroethane-d4	5.914	65	49819	23.359	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 116.80%			
60) Toluene-d8	7.916	98	183272	15.438	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 77.19%			
83) 4-Bromofluorobenzene	11.243	95	61711	21.370	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.85%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D. d		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.103	76	13699	1.986	ug/L	96
15) Methylene chloride	3.636	84	157	N.D.		
17) Acetone	0.000		0	N.D. d		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	4.481	63	83	N.D.		
25) Acrylonitrile	0.000		0	N.D. d		
27) Vinyl acetate	4.668	43	196	N.D.		
28) cis-1,2-Dichloroethene	4.863	96	26	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D. d		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	5.203	83	8922M1	2.144	ug/L	

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A13.D
Acq On : 10 Mar 2026 12:44 pm
Operator : VOA111:MNF
Sample : L2612196-04,31,4.92,5,,C,32.41,37.58,0.25
Misc : WG2183816,ICAL22987
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 11 09:16:29 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	5.535	97	30	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	5.783	78	309	N.D.		
44) 1,2-Dichloroethane	5.911	62	29	N.D.		
48) Trichloroethene	0.000		0	N.D.	d	
50) Dibromomethane	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	6.957	63	89	N.D.		
54) Bromodichloromethane	7.063	83	151	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.981	92	3289	0.433	ug/L #	72
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d	
63) Tetrachloroethene	0.000		0	N.D.	d	
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	9.135	107	192	N.D.		
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	9.796	112	31	N.D.		
74) Ethylbenzene	9.838	91	15544	1.064	ug/L #	76
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	10.025	106	14529M1	2.634	ug/L	
77) o Xylene	10.563	106	1219M3	0.217	ug/L	
78) Styrene	0.000		0	N.D.	d	
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.928	105	18546	1.972	ug/L	96
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	11.397	91	51566	4.689	ug/L	97
87) 1,1,2,2-Tetrachloroethane	11.505	83	126	N.D.		
88) 4-Ethyltoluene	11.533	105	4055M3	0.437	ug/L	
89) 2-Chlorotoluene	0.000		0	N.D.	d	
90) 1,3,5-Trimethylbenzene	11.620	105	5614	0.693	ug/L #	54
91) 1,2,3-Trichloropropane	11.547	75	27	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
93) 4-Chlorotoluene	11.913	91	107	N.D.		
94) tert-Butylbenzene	11.949	119	410	N.D.		

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A13.D
Acq On : 10 Mar 2026 12:44 pm
Operator : VOA111:MNF
Sample : L2612196-04,31,4.92,5,,C,32.41,37.58,0.25
Misc : WG2183816,ICAL22987
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 11 09:16:29 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
97) 1,2,4-Trimethylbenzene	12.030	105	13186	1.651	ug/L		96
98) sec-Butylbenzene	12.133	105	11626	1.162	ug/L	#	74
99) p-Isopropyltoluene	12.286	119	2304	0.264	ug/L	#	78
100) 1,3-Dichlorobenzene	0.000		0	N.D.			
101) 1,4-Dichlorobenzene	0.000		0	N.D.			
102) p-Diethylbenzene	12.654	119	7926	1.528	ug/L		80
103) n-Butylbenzene	12.719	91	7803	0.990	ug/L	#	87
104) 1,2-Dichlorobenzene	0.000		0	N.D.			
105) 1,2,4,5-Tetramethylben...	13.441	119	19350	2.444	ug/L	#	92
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.			
108) Hexachlorobutadiene	0.000		0	N.D.			
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.			
110) Naphthalene	14.567	128	16477	3.315	ug/L		100
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.			

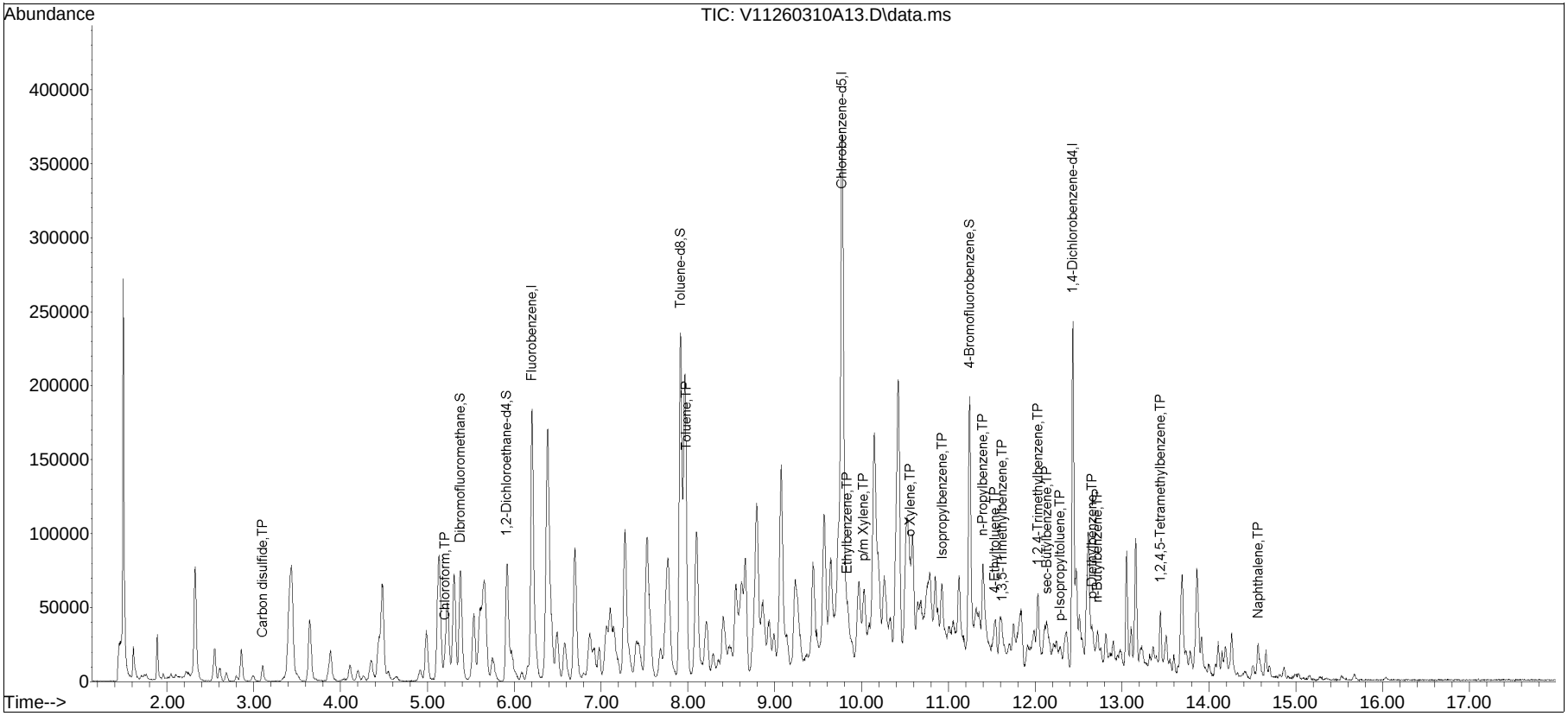
(#) = qualifier out of range (m) = manual integration (+) = signals summed

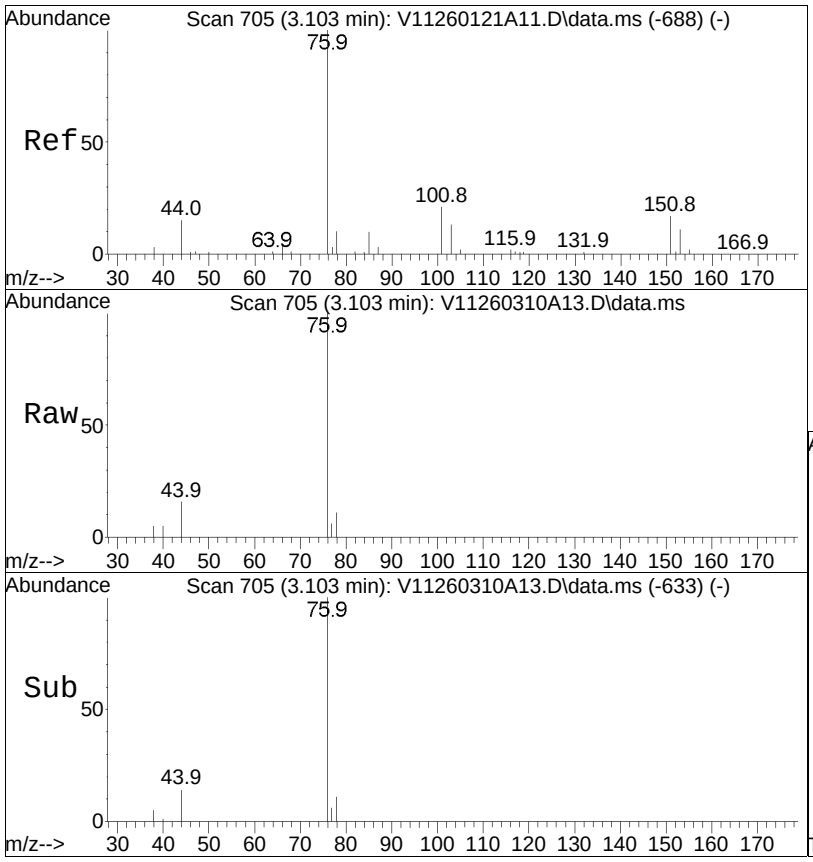
Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A13.D
Acq On : 10 Mar 2026 12:44 pm
Operator : VOA111:MNF
Sample : L2612196-04,31,4.92,5,,C,32.41,37.58,0.25
Misc : WG2183816,ICAL22987
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 11 09:16:29 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox260310A02.D•

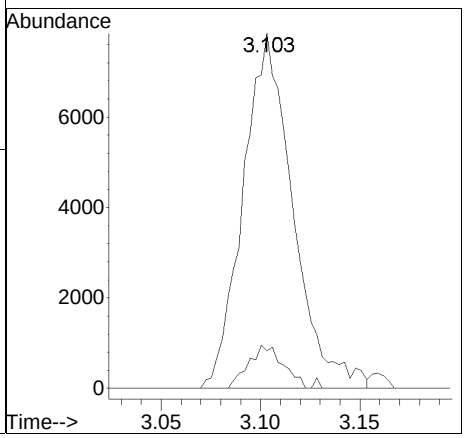


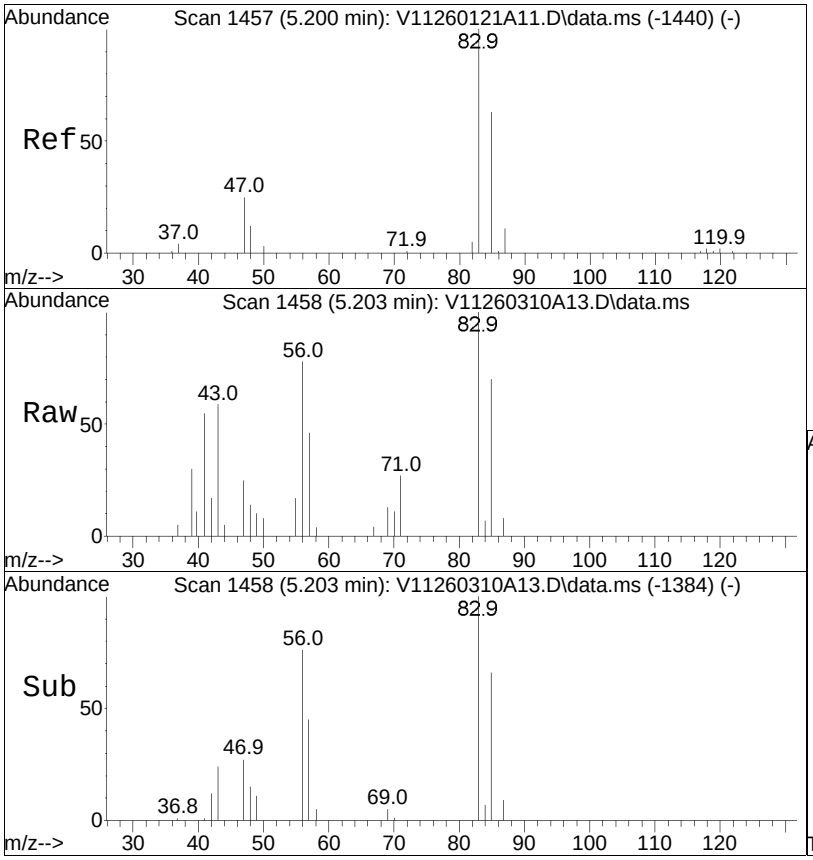


#11
Carbon disulfide
Concen: 1.99 ug/L
RT: 3.103 min Scan# 705
Delta R.T. 0.000 min
Lab File: V11260310A13.D
Acq: 10 Mar 2026 12:44 pm

Tgt Ion: 76 Resp: 13699

Ion	Ratio	Lower	Upper
76	100		
78	8.5	6.4	13.4

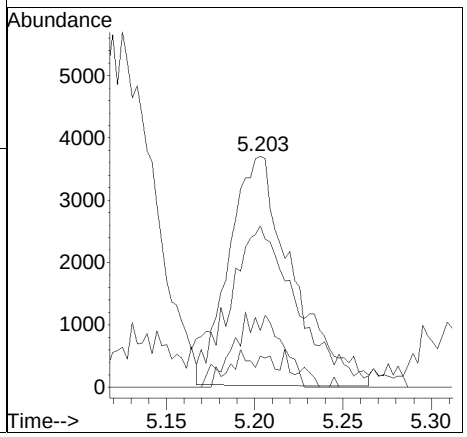


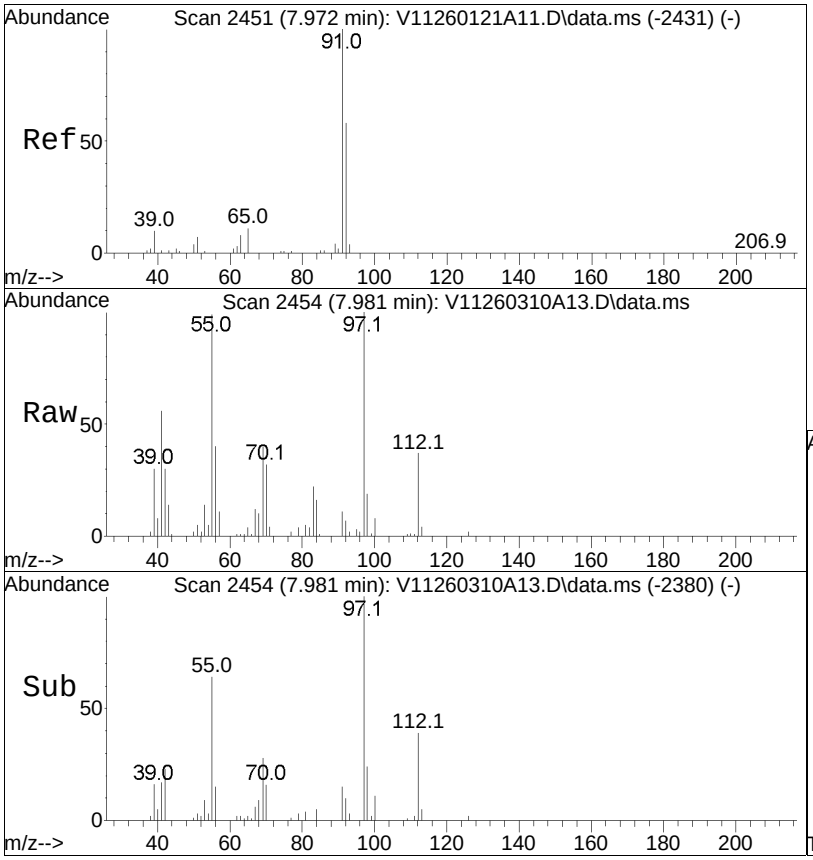


#32
Chloroform
Concen: 2.14 ug/L M1
RT: 5.203 min Scan# 1458
Delta R.T. 0.006 min
Lab File: V11260310A13.D
Acq: 10 Mar 2026 12:44 pm

Tgt Ion: 83 Resp: 8922

Ion	Ratio	Lower	Upper
83	100		
85	69.3	41.9	87.1
47	0.0	20.9	43.3#
48	1.7	9.9	20.5#

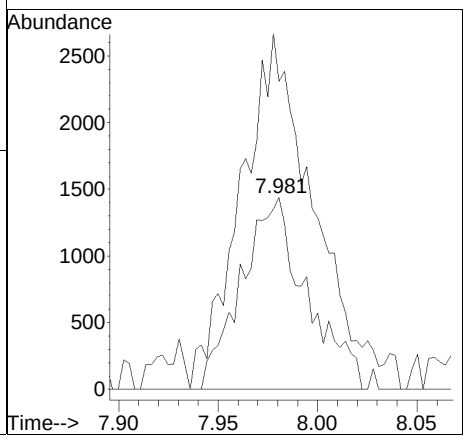


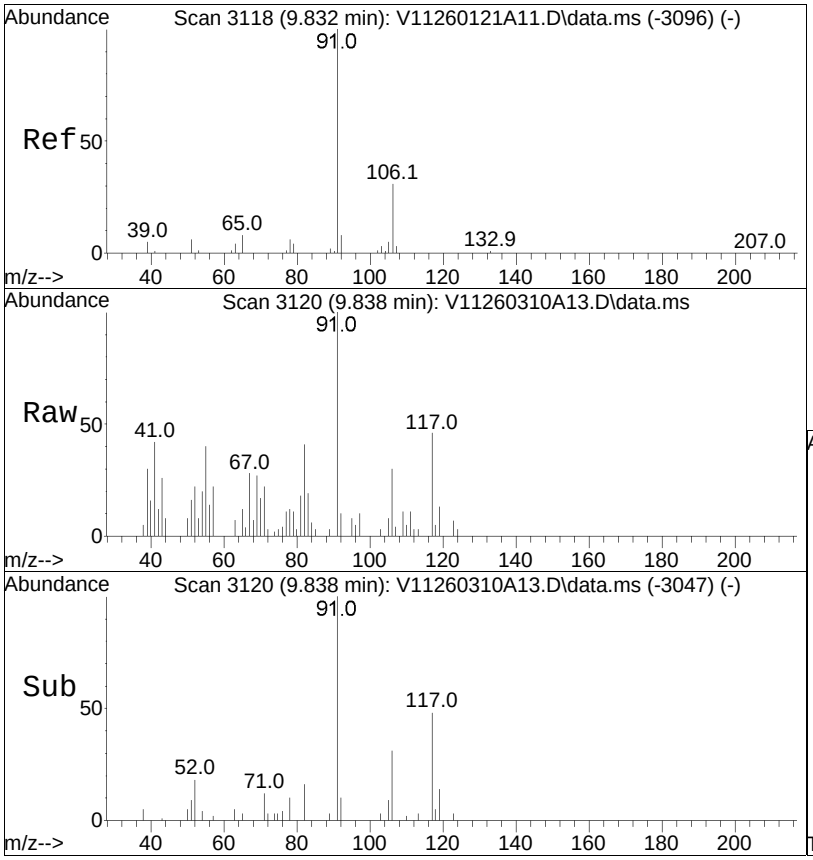


#61
Toluene
Concen: 0.43 ug/L
RT: 7.981 min Scan# 2454
Delta R.T. 0.006 min
Lab File: V11260310A13.D
Acq: 10 Mar 2026 12:44 pm

Tgt Ion: 92 Resp: 3289

Ion	Ratio	Lower	Upper
92	100		
91	204.4	133.7	200.5#

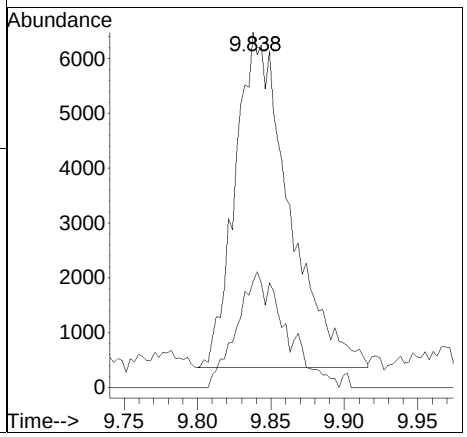


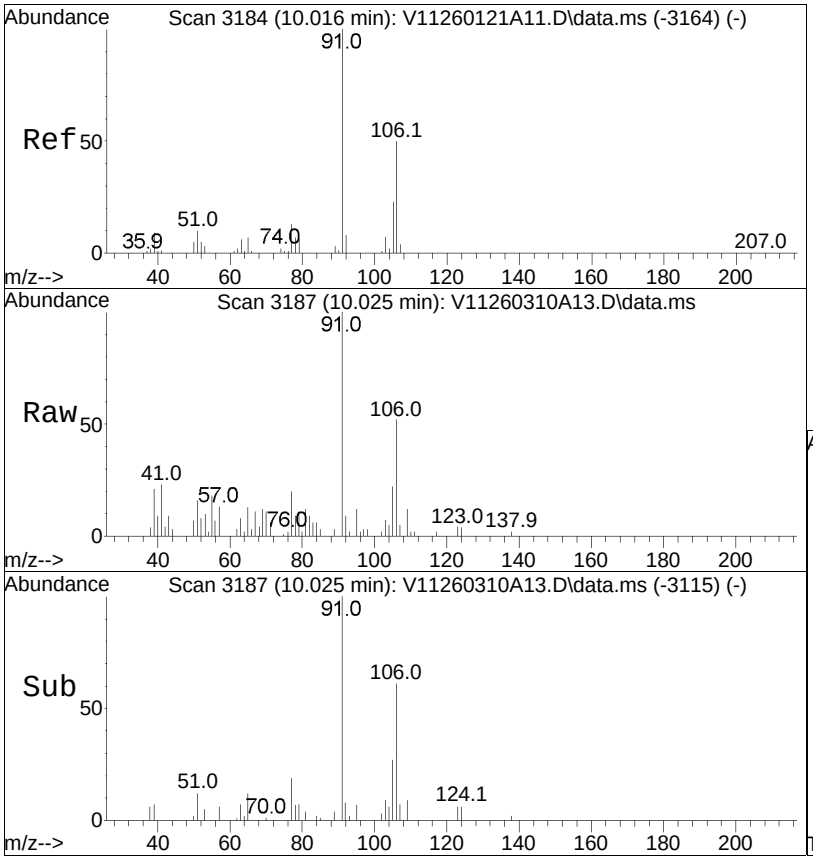


#74
Ethylbenzene
Concen: 1.06 ug/L
RT: 9.838 min Scan# 3120
Delta R.T. 0.003 min
Lab File: V11260310A13.D
Acq: 10 Mar 2026 12:44 pm

Tgt Ion: 91 Resp: 15544

Ion	Ratio	Lower	Upper
91	100		
106	17.7	25.0	37.4#

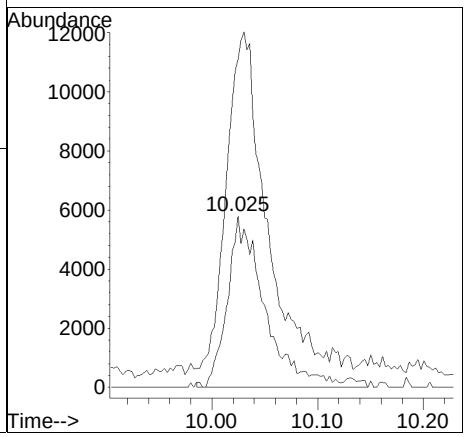


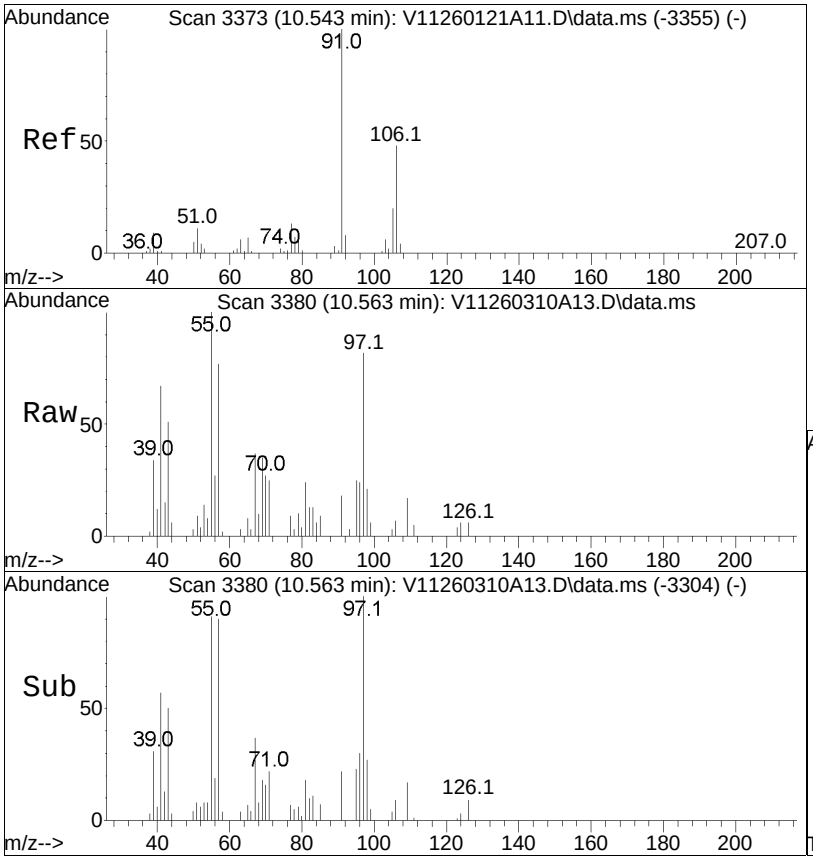


#76
p/m Xylene
Concen: 2.63 ug/L M1
RT: 10.025 min Scan# 3187
Delta R.T. 0.000 min
Lab File: V11260310A13.D
Acq: 10 Mar 2026 12:44 pm

Tgt Ion:106 Resp: 14529

Ion	Ratio	Lower	Upper
106	100		
91	197.0	159.3	238.9

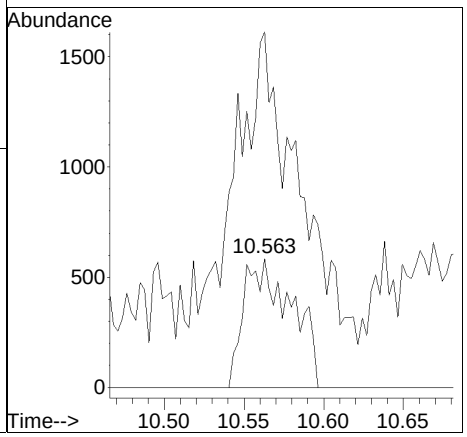


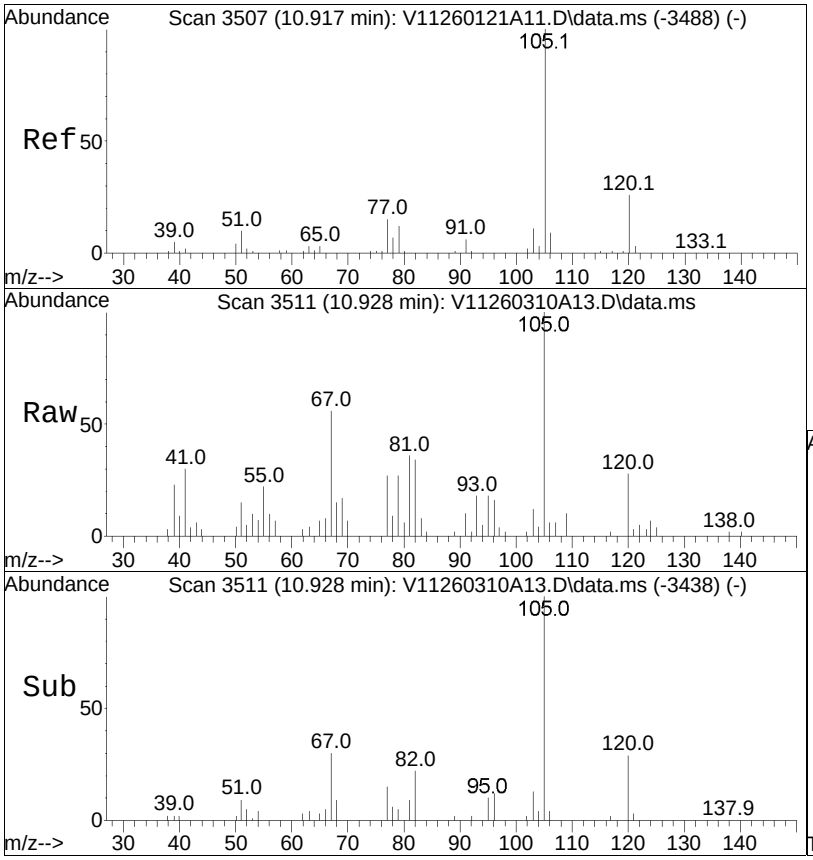


#77
o Xylene
Concen: 0.22 ug/L M3
RT: 10.563 min Scan# 3380
Delta R.T. 0.011 min
Lab File: V11260310A13.D
Acq: 10 Mar 2026 12:44 pm

Tgt Ion:106 Resp: 1219

Ion	Ratio	Lower	Upper
106	100		
91	56.4	170.2	255.2#

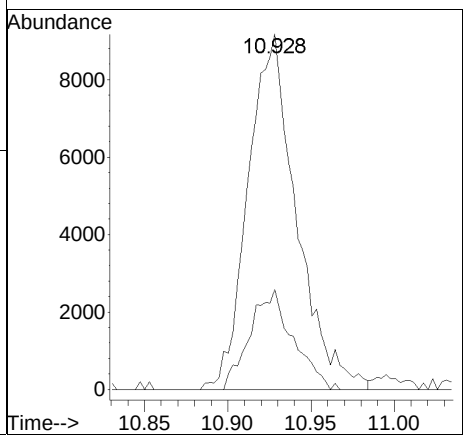


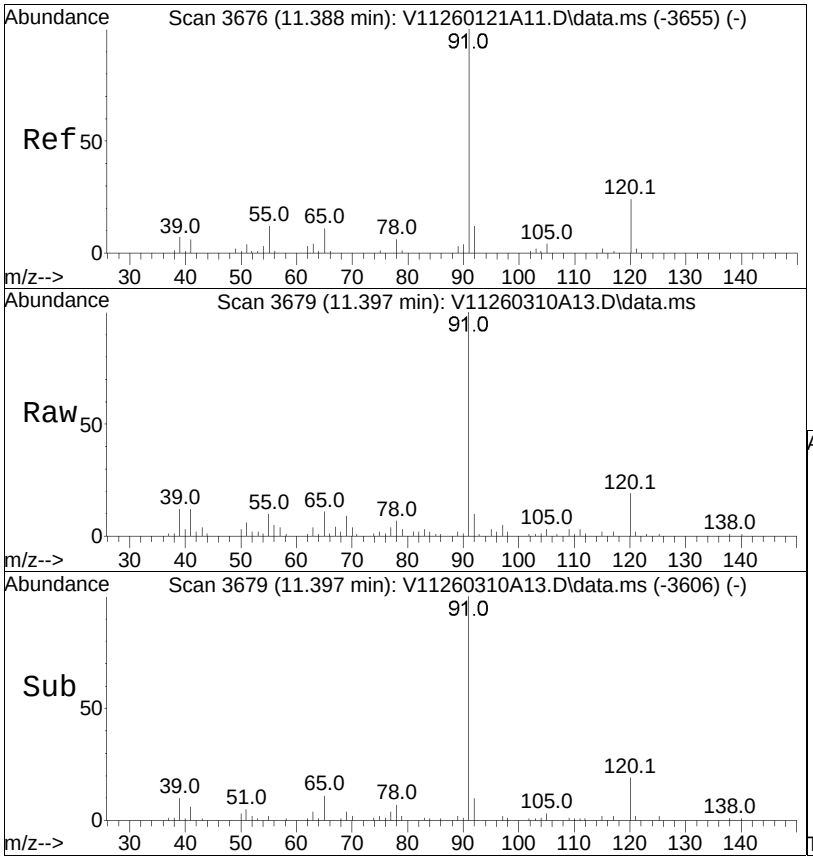


#82
Isopropylbenzene
Concen: 1.97 ug/L
RT: 10.928 min Scan# 3511
Delta R.T. 0.003 min
Lab File: V11260310A13.D
Acq: 10 Mar 2026 12:44 pm

Tgt Ion:105 Resp: 18546

Ion	Ratio	Lower	Upper
105	100		
120	25.0	6.9	46.9

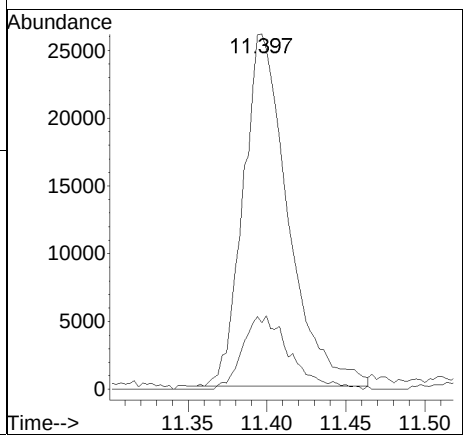


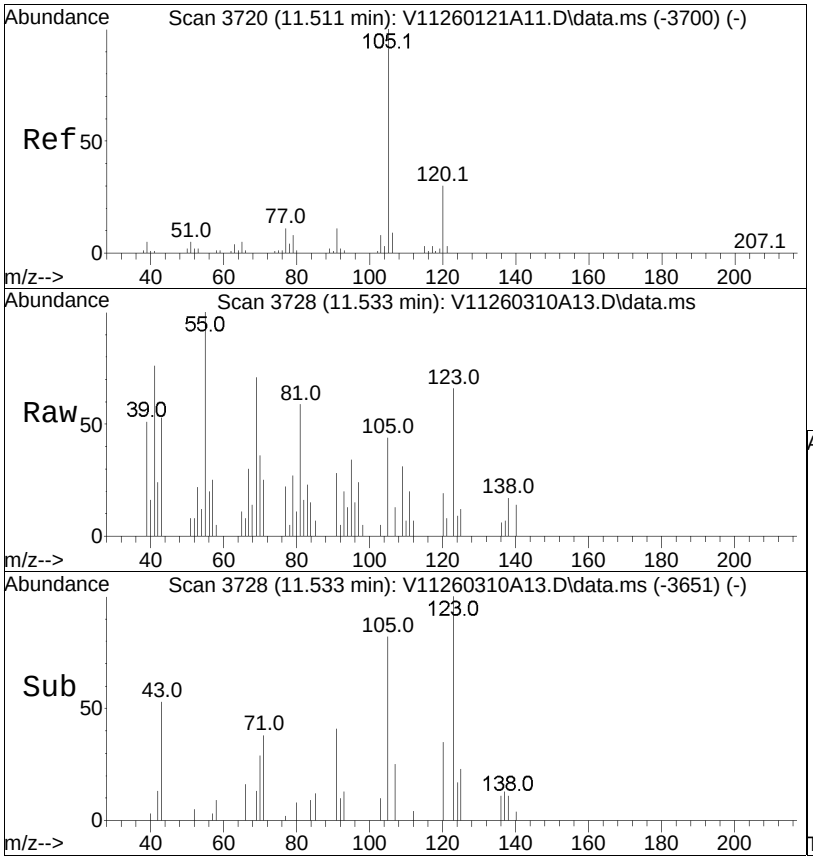


#85
n-Propylbenzene
Concen: 4.69 ug/L
RT: 11.397 min Scan# 3679
Delta R.T. 0.003 min
Lab File: V11260310A13.D
Acq: 10 Mar 2026 12:44 pm

Tgt Ion: 91 Resp: 51566

Ion	Ratio	Lower	Upper
91	100		
120	21.8	18.6	27.8

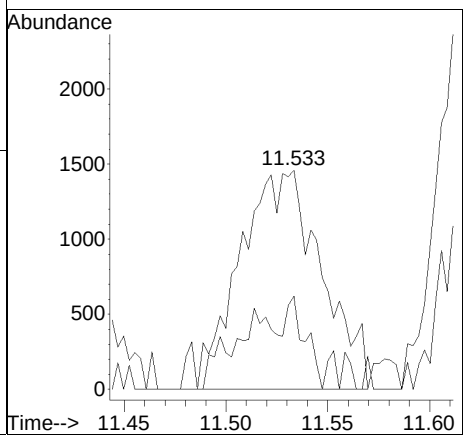


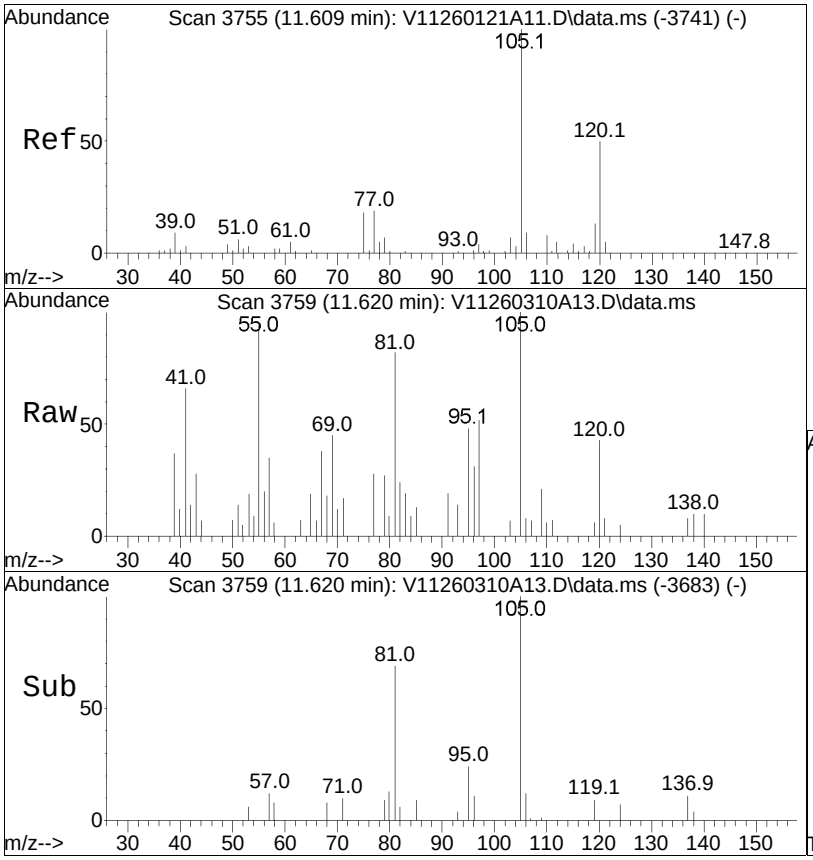


#88
4-Ethyltoluene
Concen: 0.44 ug/L M3
RT: 11.533 min Scan# 3728
Delta R.T. 0.014 min
Lab File: V11260310A13.D
Acq: 10 Mar 2026 12:44 pm

Tgt Ion:105 Resp: 4055

Ion	Ratio	Lower	Upper
105	100		
120	14.7	19.5	40.5#

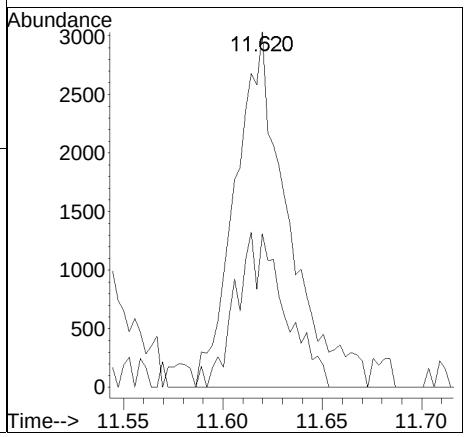


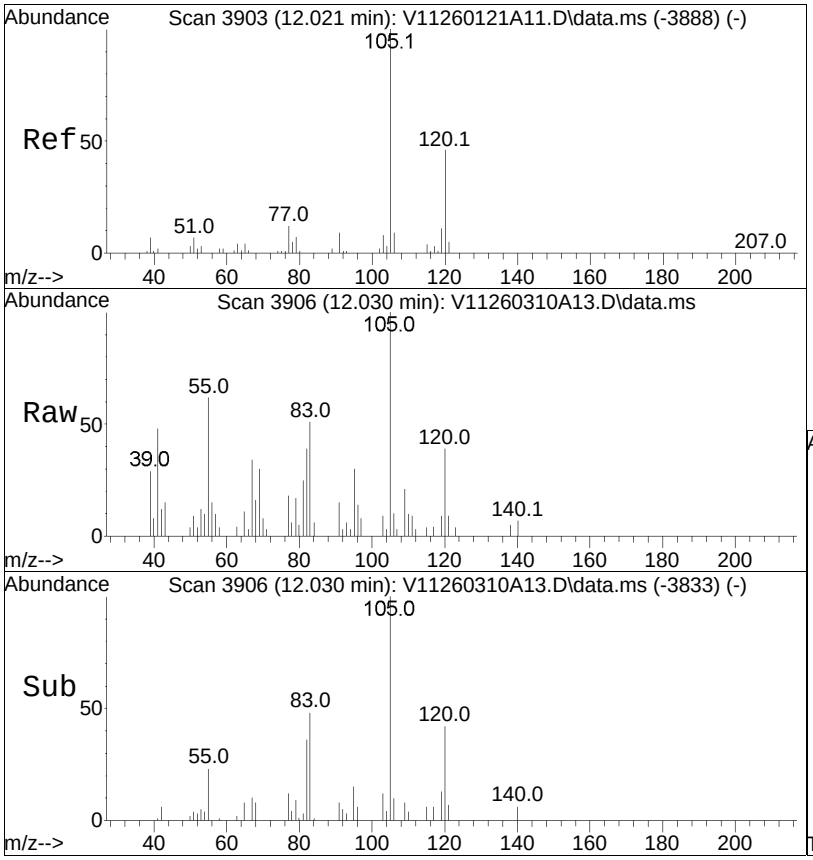


#90
1,3,5-Trimethylbenzene
Concen: 0.69 ug/L
RT: 11.620 min Scan# 3759
Delta R.T. 0.011 min
Lab File: V11260310A13.D
Acq: 10 Mar 2026 12:44 pm

Tgt Ion:105 Resp: 5614

Ion	Ratio	Lower	Upper
105	100		
120	18.5	39.8	59.8#

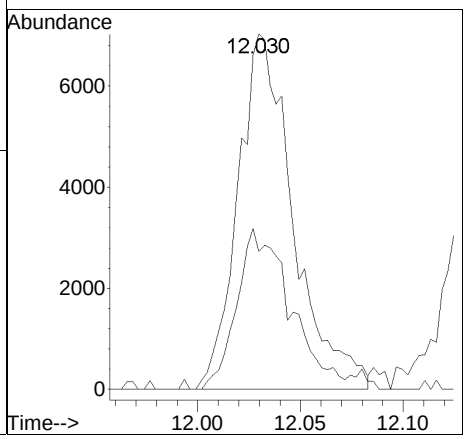


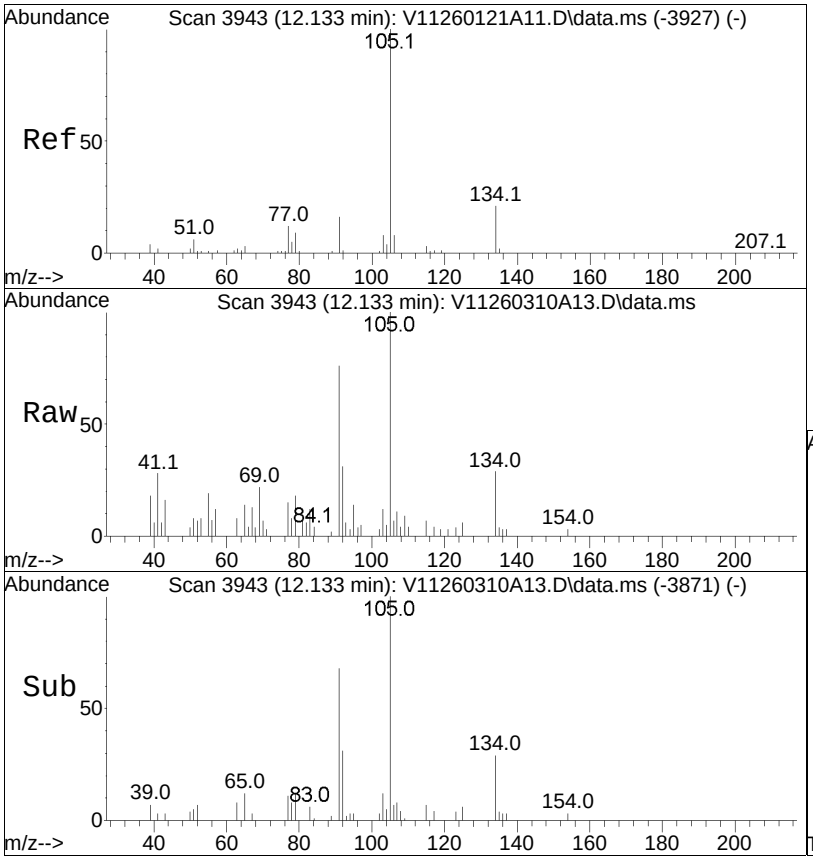


#97
1,2,4-Trimethylbenzene
Concen: 1.65 ug/L
RT: 12.030 min Scan# 3906
Delta R.T. 0.003 min
Lab File: V11260310A13.D
Acq: 10 Mar 2026 12:44 pm

Tgt Ion:105 Resp: 13186

Ion	Ratio	Lower	Upper
105	100		
120	43.7	37.4	56.0

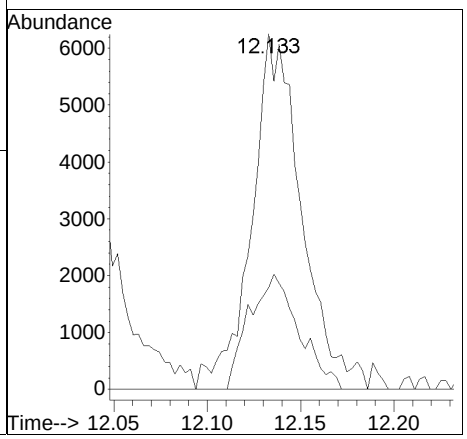


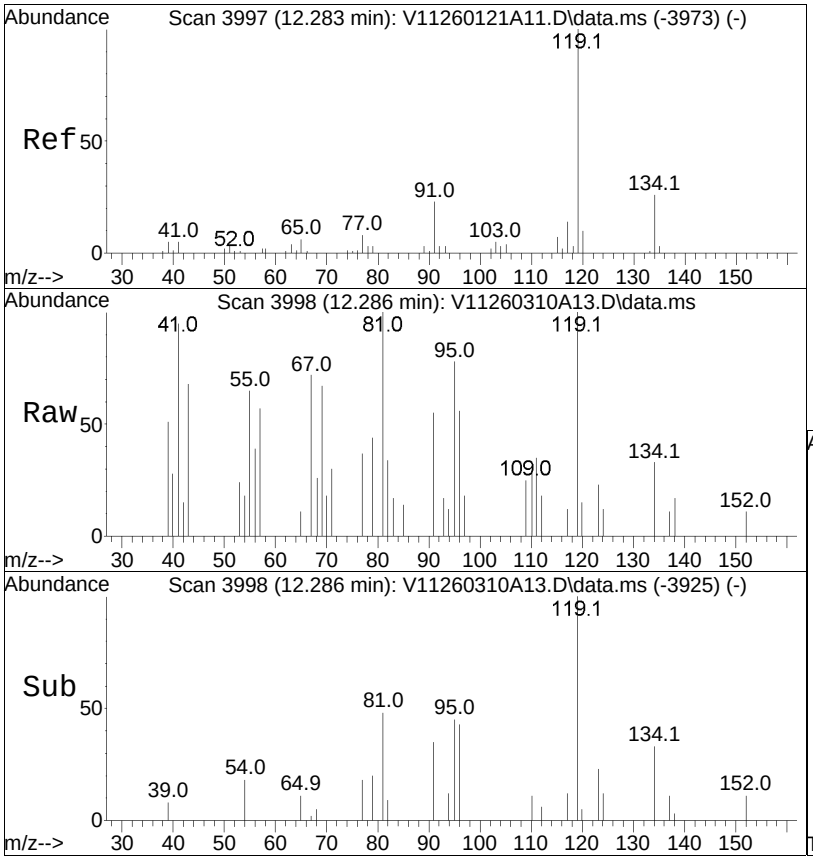


#98
sec-Butylbenzene
Concen: 1.16 ug/L
RT: 12.133 min Scan# 3943
Delta R.T. 0.000 min
Lab File: V11260310A13.D
Acq: 10 Mar 2026 12:44 pm

Tgt Ion:105 Resp: 11626

Ion	Ratio	Lower	Upper
105	100		
134	32.3	13.2	27.4#

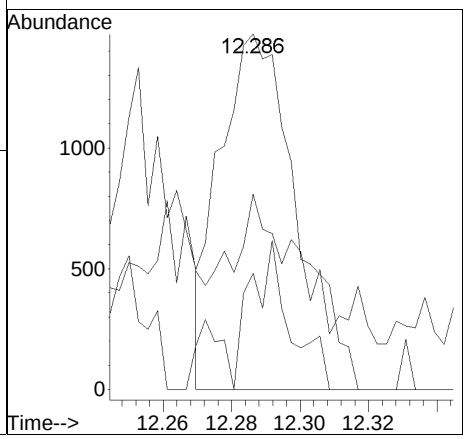


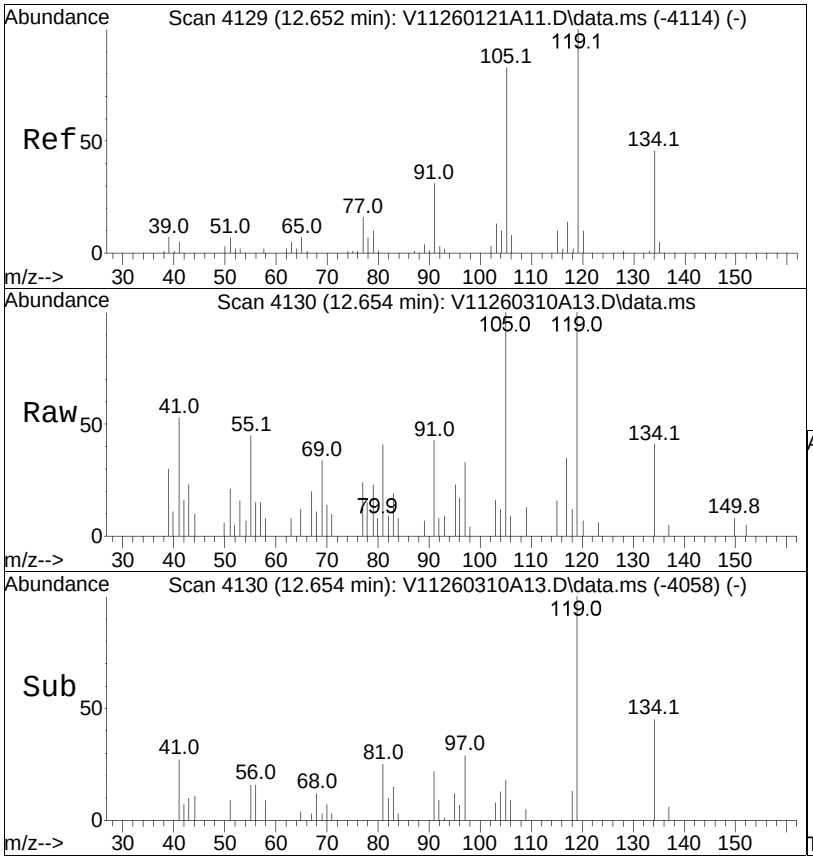


#99
p-Isopropyltoluene
Concen: 0.26 ug/L
RT: 12.286 min Scan# 3998
Delta R.T. 0.003 min
Lab File: V11260310A13.D
Acq: 10 Mar 2026 12:44 pm

Tgt Ion:119 Resp: 2304

Ion	Ratio	Lower	Upper
119	100		
134	8.8	17.1	35.5#
91	19.8	15.3	31.9

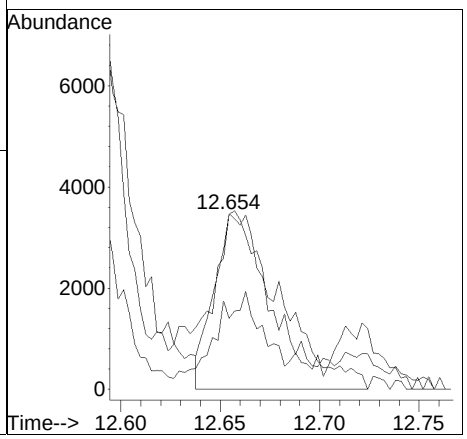


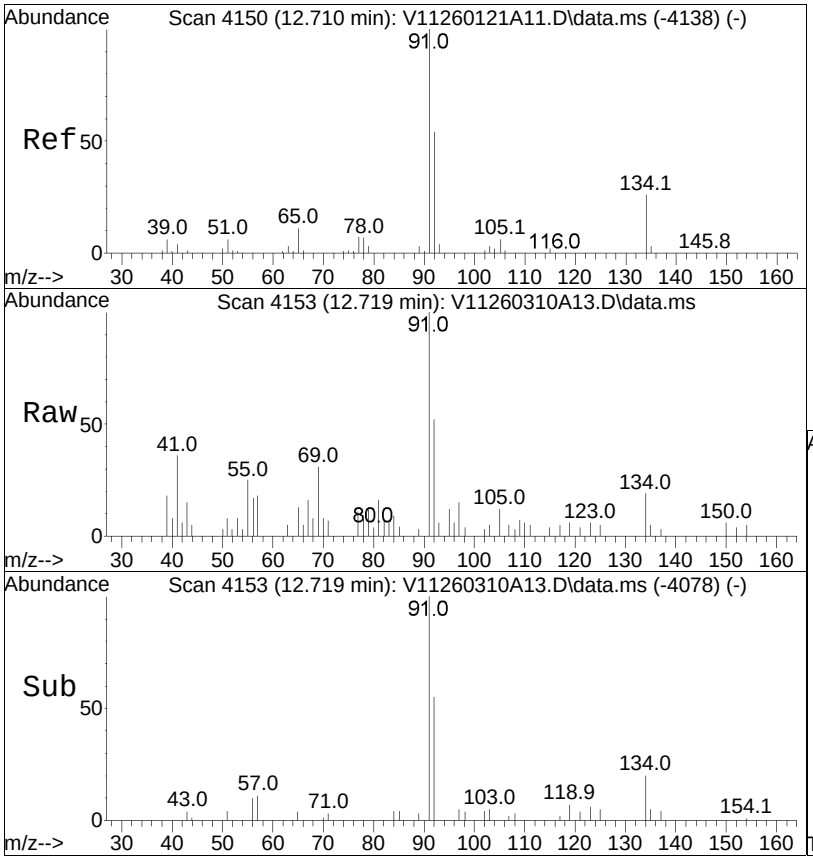


#102
p-Diethylbenzene
Concen: 1.53 ug/L
RT: 12.654 min Scan# 4130
Delta R.T. 0.000 min
Lab File: V11260310A13.D
Acq: 10 Mar 2026 12:44 pm

Tgt Ion:119 Resp: 7926

Ion	Ratio	Lower	Upper
119	100		
105	64.7	54.5	113.3
134	33.9	29.9	62.1

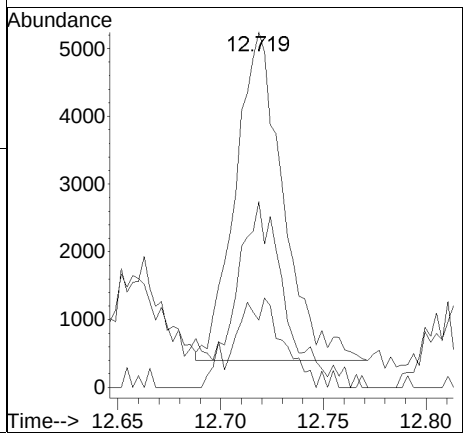


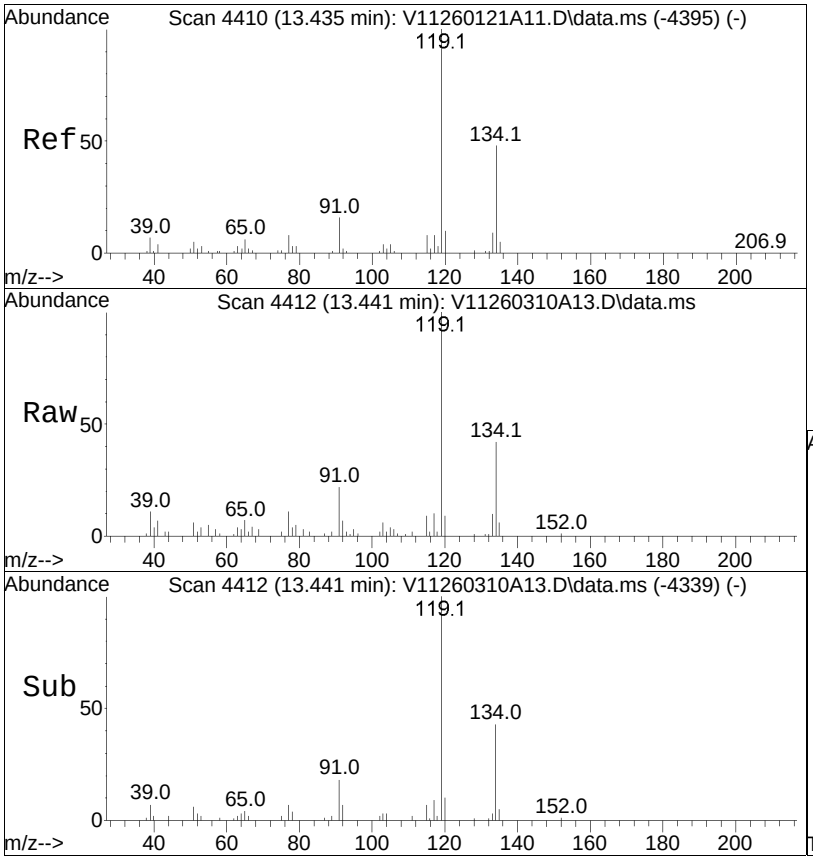


#103
n-Butylbenzene
Concen: 0.99 ug/L
RT: 12.719 min Scan# 4153
Delta R.T. 0.008 min
Lab File: V11260310A13.D
Acq: 10 Mar 2026 12:44 pm

Tgt Ion: 91 Resp: 7803

Ion	Ratio	Lower	Upper
91	100		
92	55.5	43.3	64.9
134	8.7	21.4	32.0#

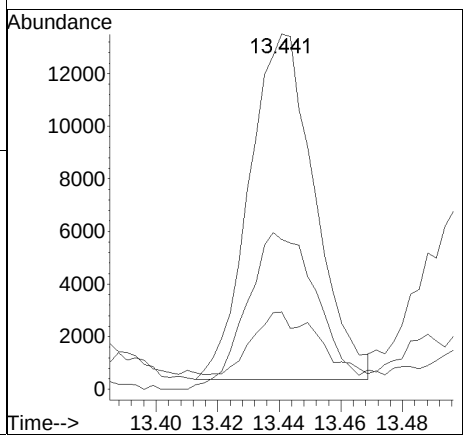


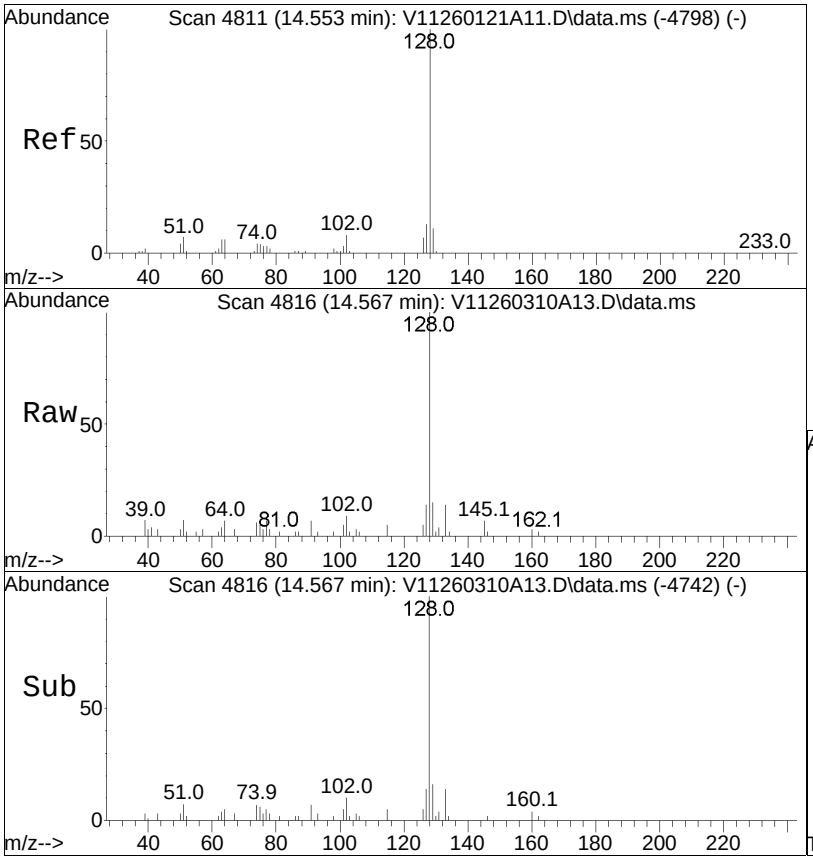


#105
1,2,4,5-Tetramethylbenzene
Concen: 2.44 ug/L
RT: 13.441 min Scan# 4412
Delta R.T. 0.003 min
Lab File: V11260310A13.D
Acq: 10 Mar 2026 12:44 pm

Tgt Ion:119 Resp: 19350

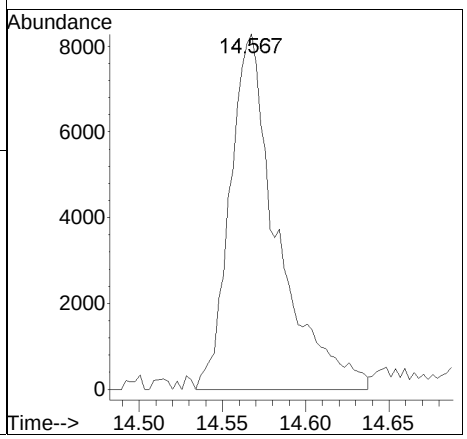
Ion	Ratio	Lower	Upper
119	100		
134	48.8	31.1	64.5
91	27.2	10.4	21.6#





#110
Naphthalene
Concen: 3.31 ug/L
RT: 14.567 min Scan# 4816
Delta R.T. 0.006 min
Lab File: V11260310A13.D
Acq: 10 Mar 2026 12:44 pm

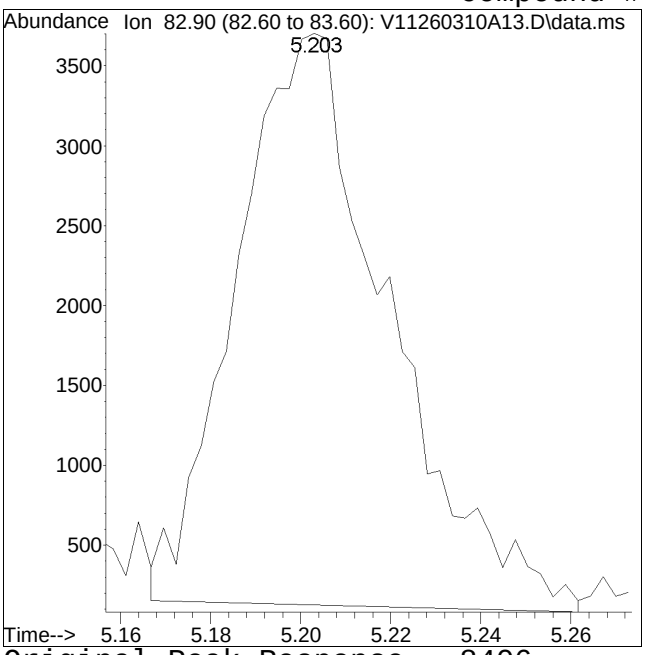
Tgt Ion:128 Resp: 16477



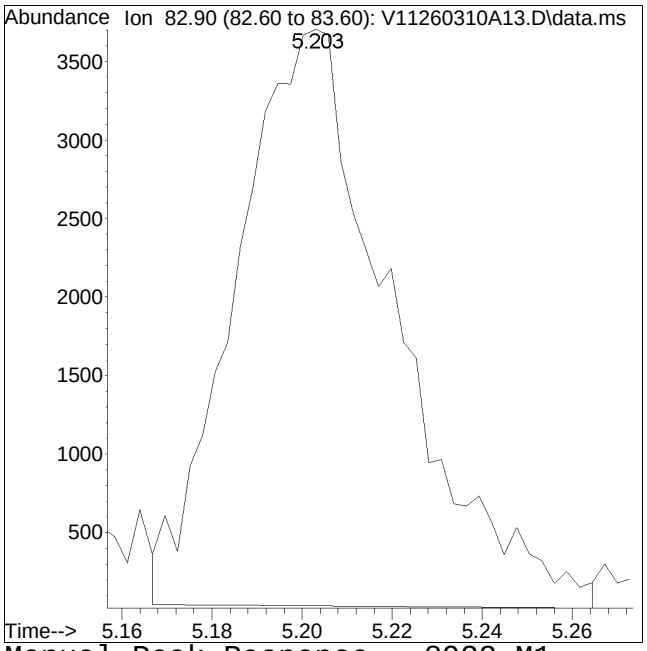
Manual Integration Report

Data Path : K:\VOA111\2026\260310A\ QMethod : V111_260121A_8260.m
Data File : V11260310A13.D Operator : VOA111:MNF
Date Inj'd : 3/10/2026 12:44 pm Instrument : VOA111
Sample : L2612196-04,31,4.92,5,,C,3Quant Date : 3/10/2026 1:22 pm

Compound #32: Chloroform



Original Peak Response = 8406



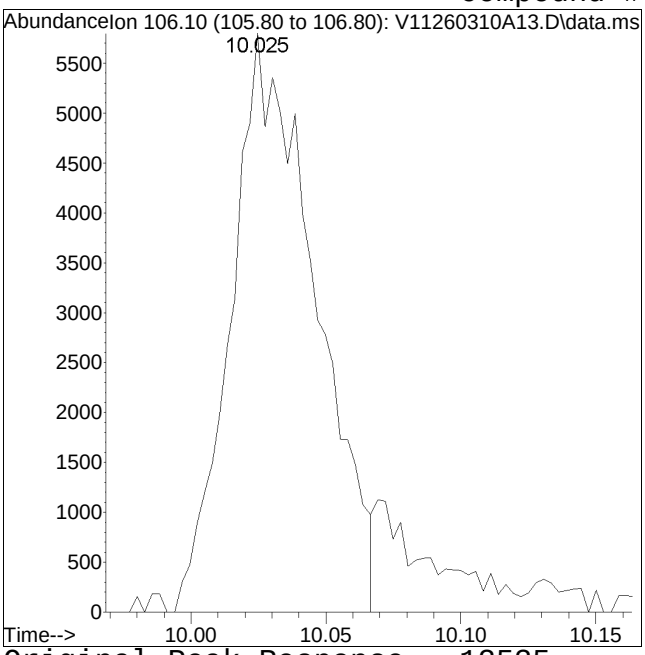
Manual Peak Response = 8922 M1

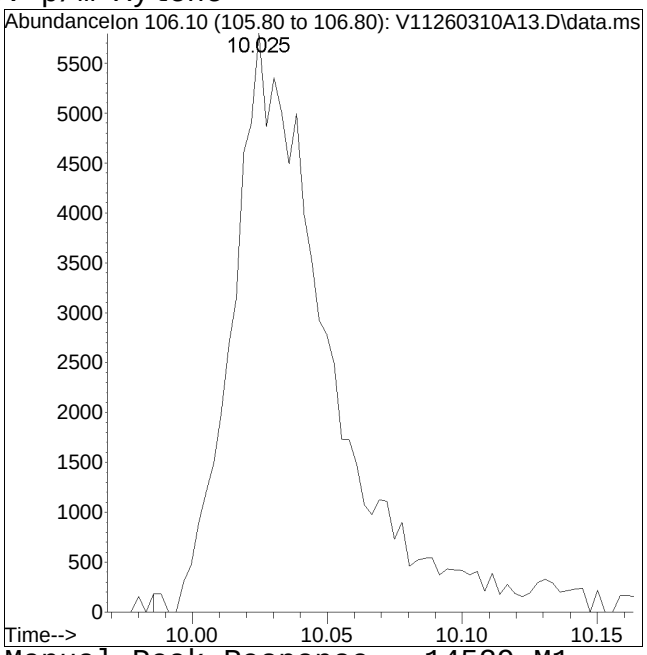
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260310A\ QMethod : V111_260121A_8260.m
Data File : V11260310A13.D Operator : VOA111:MNF
Date Inj'd : 3/10/2026 12:44 pm Instrument : VOA111
Sample : L2612196-04,31,4.92,5,,C,3Quant Date : 3/10/2026 1:22 pm

Compound #76: p/m Xylene



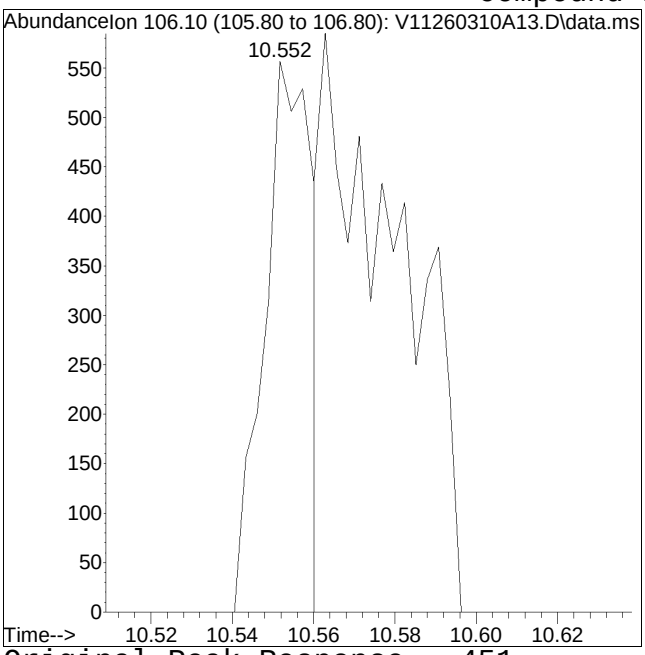


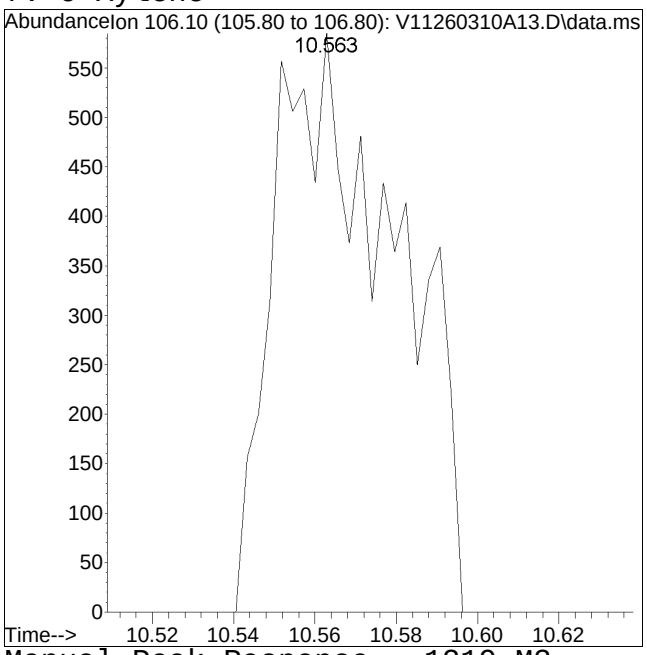
Original Peak Response = 12535 Manual Peak Response = 14529 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260310A\ QMethod : V111_260121A_8260.m
Data File : V11260310A13.D Operator : VOA111:MNF
Date Inj'd : 3/10/2026 12:44 pm Instrument : VOA111
Sample : L2612196-04,31,4.92,5,,C,3Quant Date : 3/10/2026 1:22 pm

Compound #77: o Xylene





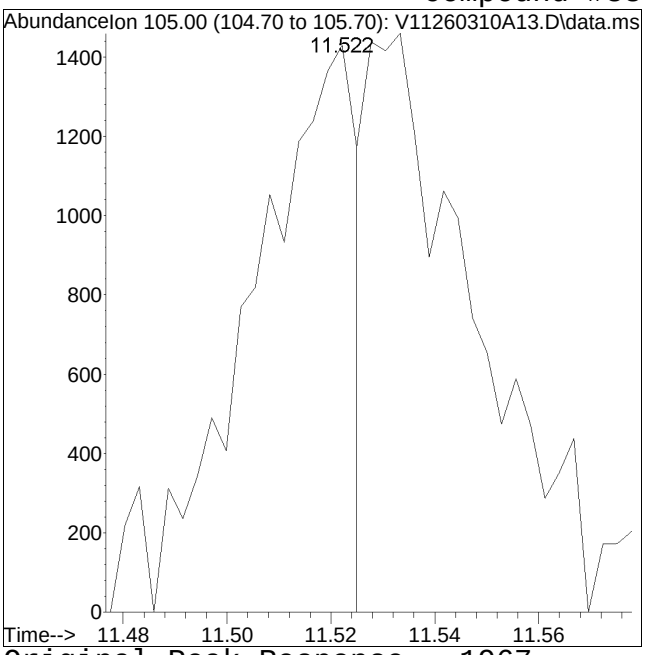
Original Peak Response = 451 Manual Peak Response = 1219 M3

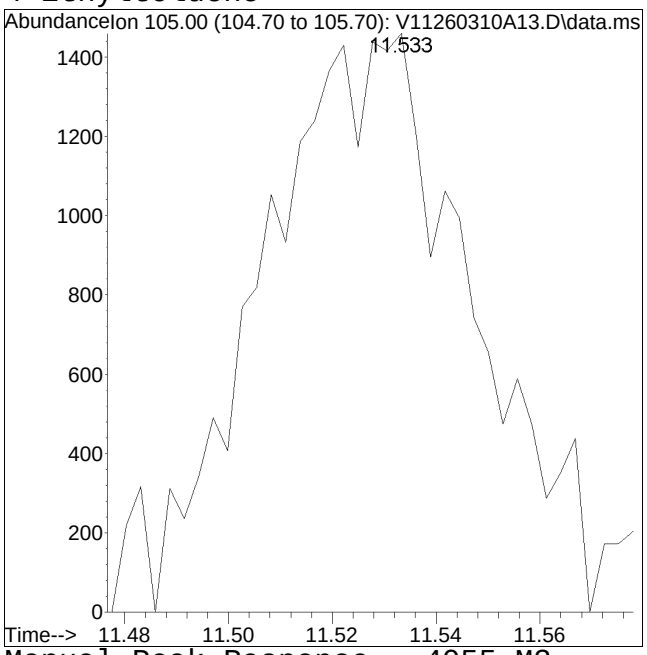
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA111\2026\260310A\ QMethod : V111_260121A_8260.m
Data File : V11260310A13.D Operator : VOA111:MNF
Date Inj'd : 3/10/2026 12:44 pm Instrument : VOA111
Sample : L2612196-04,31,4.92,5,,C,3Quant Date : 3/10/2026 1:22 pm

Compound #88: 4-Ethyltoluene





Original Peak Response = 1967 Manual Peak Response = 4055 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A19.D
Acq On : 10 Mar 2026 11:36 pm
Operator : VOA110:JIC
Sample : L2612196-01,31,5.80,5,,C,32.67,38.72,0.25
Misc : WG2183801,ICAL23128
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 11 09:36:00 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260310A\V10260310A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.199	96	165535	20.000 ug/L	0.00
Standard Area 1 = 176818			Recovery = 93.62%		
59) Chlorobenzene-d5	9.746	117	121770	20.000 ug/L	0.00
Standard Area 1 = 133069			Recovery = 91.51%		
79) 1,4-Dichlorobenzene-d4	12.410	152	66278	20.000 ug/L	0.00
Standard Area 1 = 74532			Recovery = 88.93%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.379	113	38690	17.823 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 89.11%		
43) 1,2-Dichloroethane-d4	5.912	65	46195	20.040 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.20%		
60) Toluene-d8	7.898	98	161184	22.120 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 110.60%		
83) 4-Bromofluorobenzene	11.222	95	58204	20.108 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.54%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.774	85	71	N.D.	
3) Chloromethane	1.935	50	32	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.356	94	29	Below Cal #	1
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	3.135	76	2695	0.478 ug/L #	76
15) Methylene chloride	3.670	84	1014M1	0.527 ug/L	
17) Acetone	3.712	43	5735M3	3.283 ug/L	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	4.353	63	33	N.D.	
25) Acrylonitrile	0.000		0	N.D. d	
27) Vinyl acetate	4.649	43	207	N.D.	
28) cis-1,2-Dichloroethene	4.883	96	71	N.D.	
29) 2,2-Dichloropropane	5.106	77	97	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	5.198	83	5650	1.535 ug/L	88

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A19.D
Acq On : 10 Mar 2026 11:36 pm
Operator : VOA110:JIC
Sample : L2612196-01,31,5.80,5,,C,32.67,38.72,0.25
Misc : WG2183801,ICAL23128
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 11 09:36:00 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260310A\V10260310A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	5.496	97	26	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	5.773	78	230	N.D.		
44) 1,2-Dichloroethane	5.954	62	32	N.D.		
48) Trichloroethene	6.372	95	237	Below Cal #		1
50) Dibromomethane	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	6.938	63	192	N.D.		
54) Bromodichloromethane	6.991	83	157	Below Cal #		25
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.956	92	6895	1.533	ug/L	97
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d	
63) Tetrachloroethene	8.402	166	91	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
69) Chlorodibromomethane	9.016	129	28	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	9.099	107	29	N.D.		
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	9.730	112	462	N.D.		
74) Ethylbenzene	9.802	91	58247	6.872	ug/L	98
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	9.992	106	20344	5.830	ug/L	92
77) o Xylene	10.530	106	2516M1	0.735	ug/L	
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.893	105	95429	11.642	ug/L	97
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	11.367	91	302895	31.637	ug/L	97
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d	
88) 4-Ethyltoluene	11.489	105	8727	1.059	ug/L	100
89) 2-Chlorotoluene	0.000		0	N.D.	d	
90) 1,3,5-Trimethylbenzene	11.584	105	6100	0.866	ug/L	99
91) 1,2,3-Trichloropropane	0.000		0	N.D.		
92) trans-1,4-Dichloro-2-b...	11.640	53	83	N.D.		
93) 4-Chlorotoluene	0.000		0	N.D.	d	
94) tert-Butylbenzene	11.924	119	2212	0.352	ug/L #	92

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A19.D
Acq On : 10 Mar 2026 11:36 pm
Operator : VOA110:JIC
Sample : L2612196-01,31,5.80,5,,C,32.67,38.72,0.25
Misc : WG2183801,ICAL23128
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 11 09:36:00 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260310A\V10260310A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.000	105	56929	8.066	ug/L	96
98) sec-Butylbenzene	12.108	105	36833	4.125	ug/L #	53
99) p-Isopropyltoluene	12.262	119	18640M1	2.251	ug/L	
100) 1,3-Dichlorobenzene	0.000		0	N.D.		
101) 1,4-Dichlorobenzene	0.000		0	N.D.		
102) p-Diethylbenzene	12.633	119	40446	7.967	ug/L	97
103) n-Butylbenzene	12.688	91	48291	6.789	ug/L	95
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
105) 1,2,4,5-Tetramethylben...	13.422	119	166940	20.667	ug/L	95
106) 1,2-Dibromo-3-chloropr...	13.611	155	26	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
110) Naphthalene	14.543	128	313655	37.435	ug/L	100
111) 1,2,3-Trichlorobenzene	14.713	180	26	N.D.		

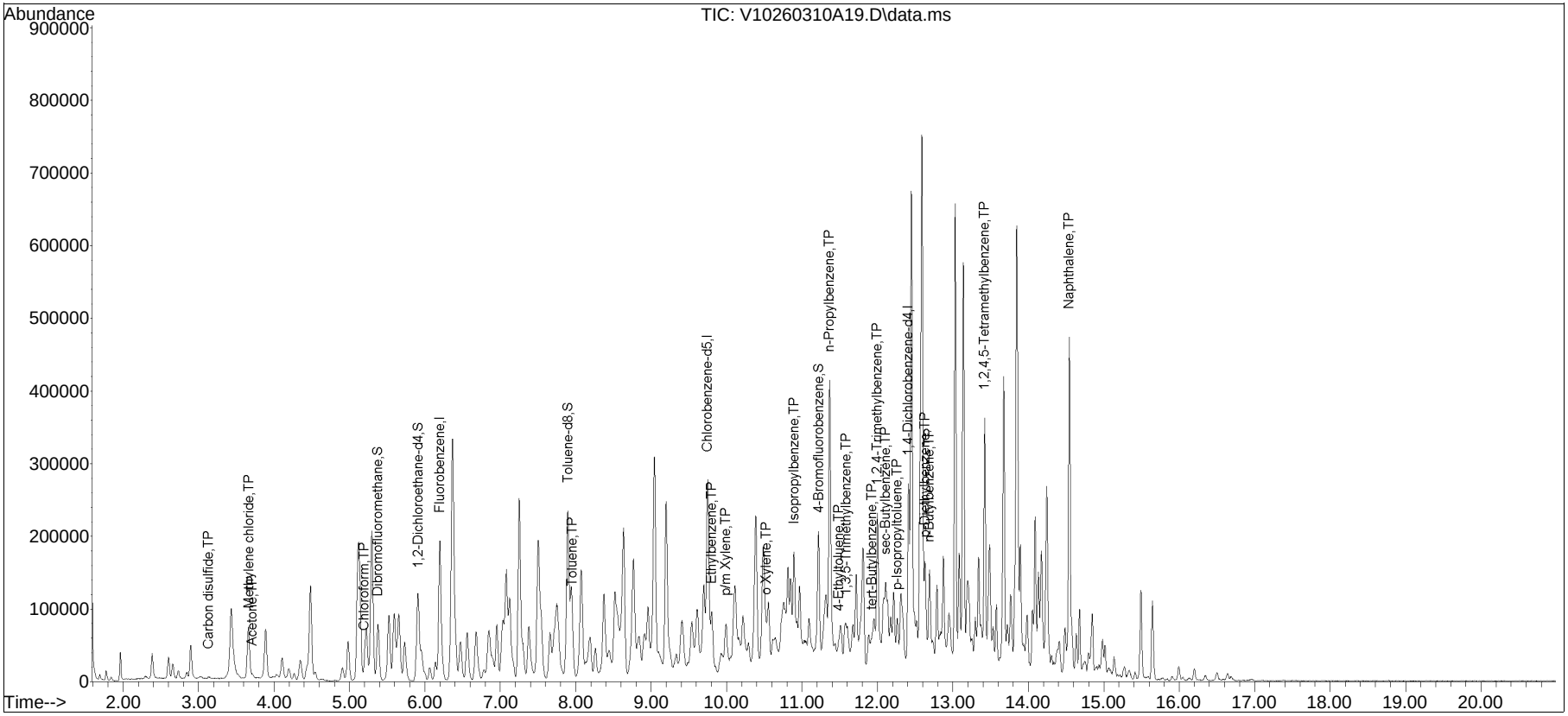
(#) = qualifier out of range (m) = manual integration (+) = signals summed

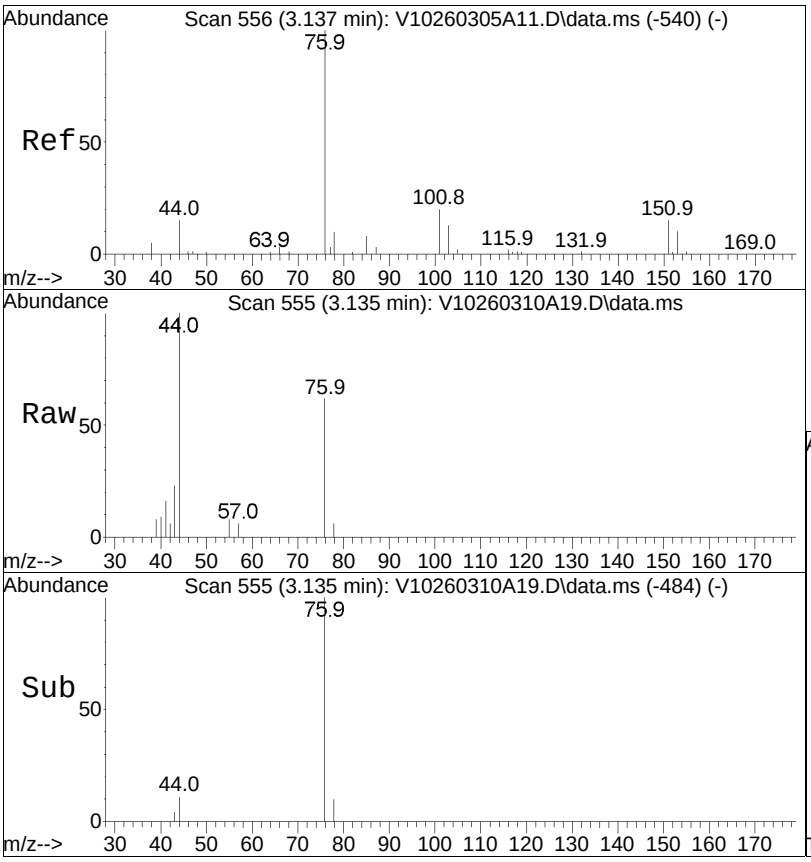
Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A19.D
Acq On : 10 Mar 2026 11:36 pm
Operator : VOA110:JIC
Sample : L2612196-01,31,5.80,5,,C,32.67,38.72,0.25
Misc : WG2183801,ICAL23128
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 11 09:36:00 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox260310A01.D•

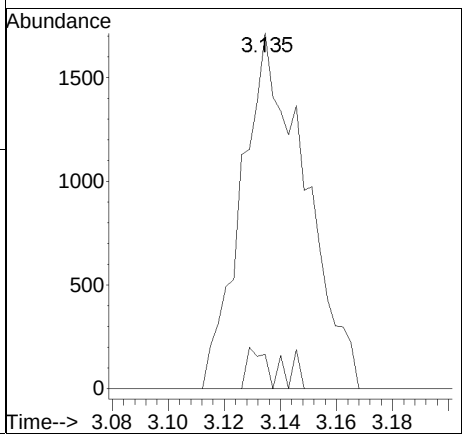


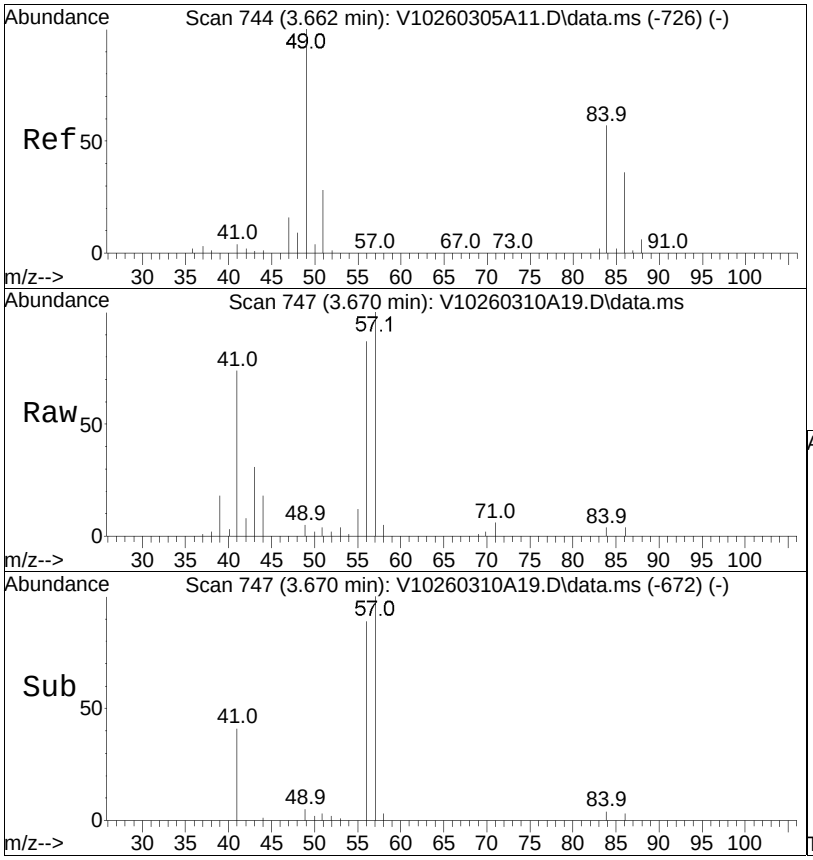


#11
Carbon disulfide
Concen: 0.48 ug/L
RT: 3.135 min Scan# 555
Delta R.T. -0.003 min
Lab File: V10260310A19.D
Acq: 10 Mar 2026 11:36 pm

Tgt Ion: 76 Resp: 2695

Ion	Ratio	Lower	Upper
76	100		
78	1.0	6.4	13.2#

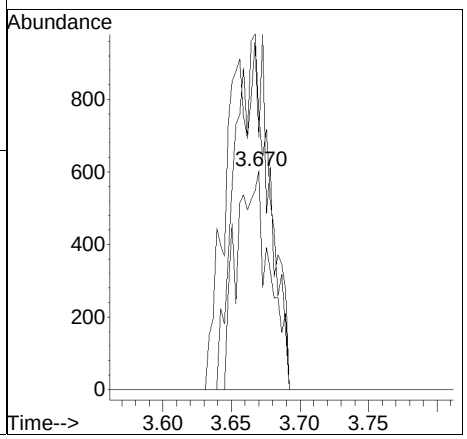


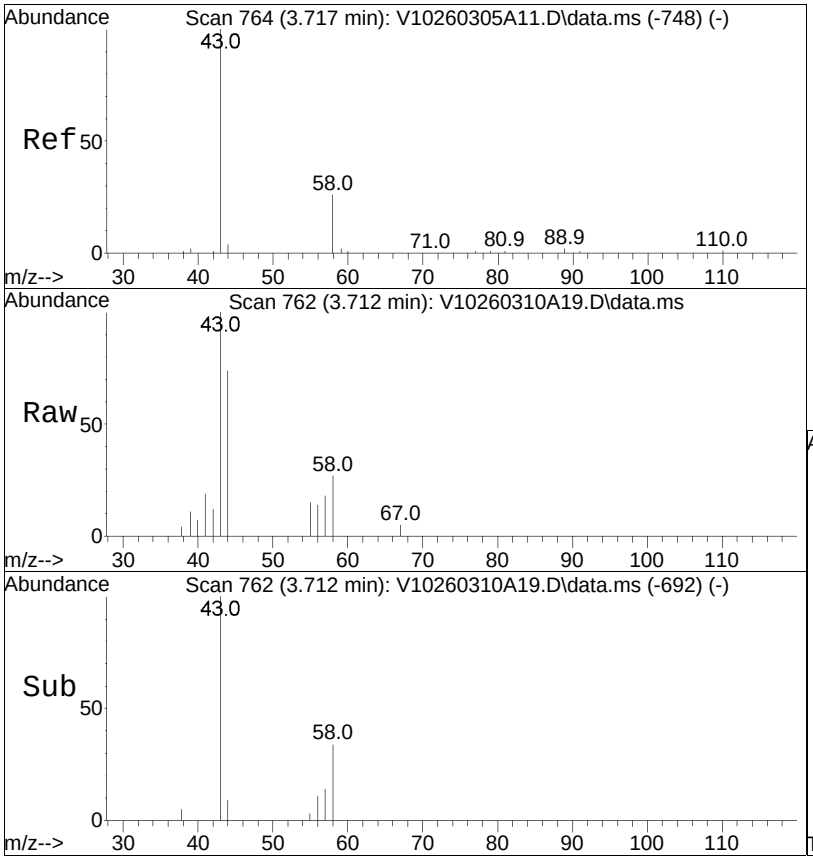


#15
Methylene chloride
Concen: 0.53 ug/L M1
RT: 3.670 min Scan# 747
Delta R.T. 0.008 min
Lab File: V10260310A19.D
Acq: 10 Mar 2026 11:36 pm

Tgt Ion: 84 Resp: 1014

Ion	Ratio	Lower	Upper
84	100		
86	105.1	41.5	86.3#
49	167.6	99.3	206.1

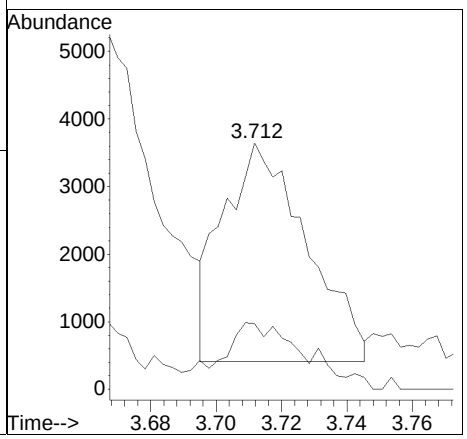


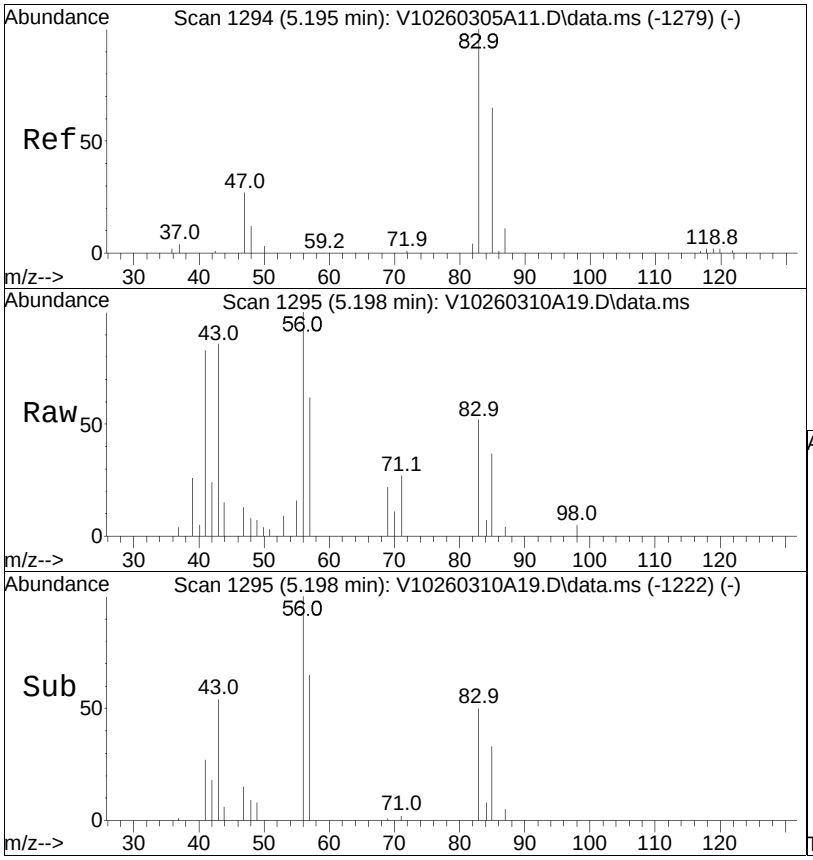


#17
Acetone
Concen: 3.28 ug/L M3
RT: 3.712 min Scan# 762
Delta R.T. -0.005 min
Lab File: V10260310A19.D
Acq: 10 Mar 2026 11:36 pm

Tgt Ion: 43 Resp: 5735

Ion	Ratio	Lower	Upper
43	100		
58	22.9	5.0	7.6#

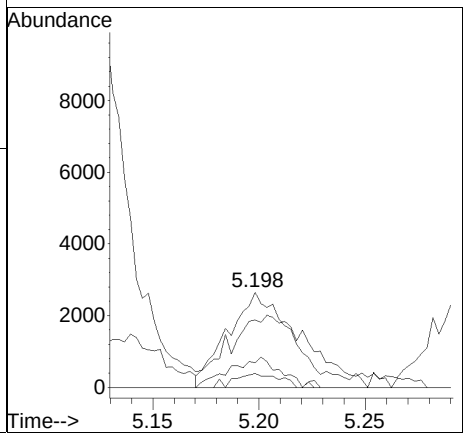


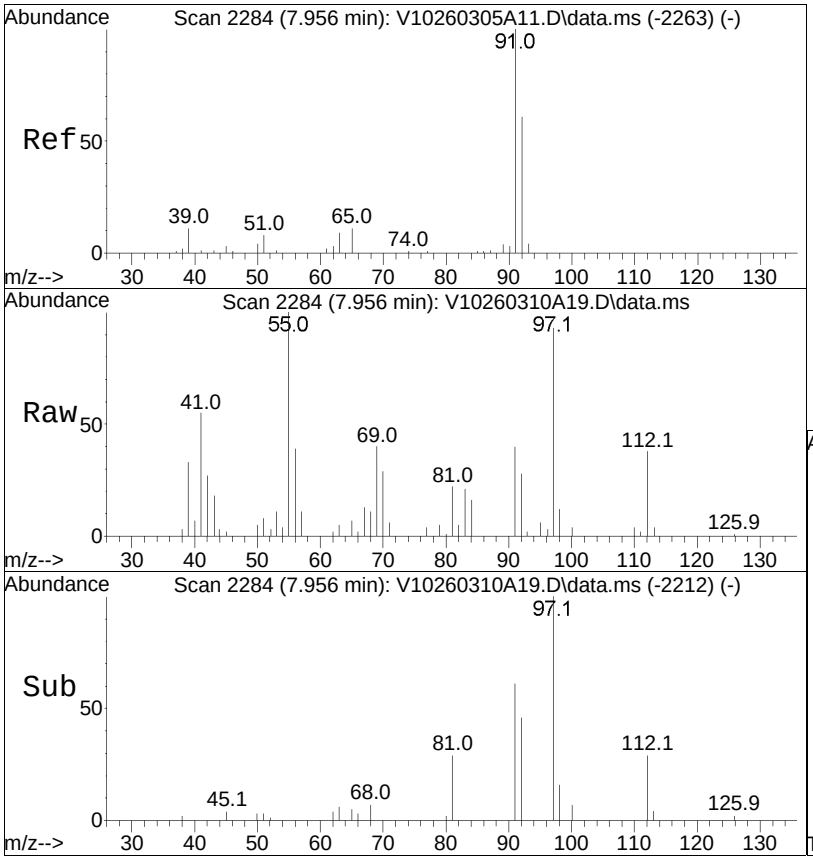


#32
Chloroform
Concen: 1.54 ug/L
RT: 5.198 min Scan# 1295
Delta R.T. 0.003 min
Lab File: V10260310A19.D
Acq: 10 Mar 2026 11:36 pm

Tgt Ion: 83 Resp: 5650

Ion	Ratio	Lower	Upper
83	100		
85	75.0	41.9	87.1
47	24.0	18.4	38.2
48	10.1	9.4	19.4

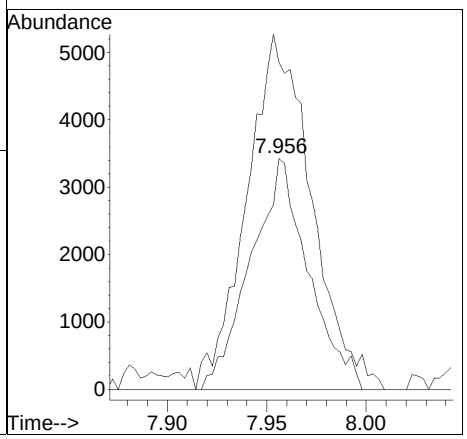


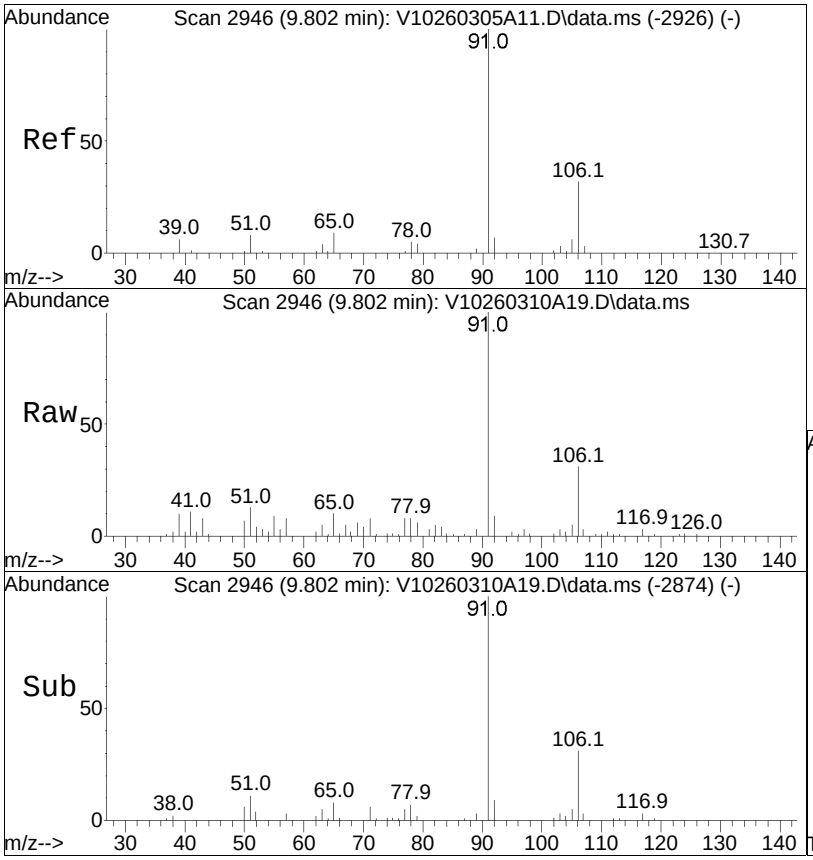


#61
Toluene
Concen: 1.53 ug/L
RT: 7.956 min Scan# 2284
Delta R.T. -0.000 min
Lab File: V10260310A19.D
Acq: 10 Mar 2026 11:36 pm

Tgt Ion: 92 Resp: 6895

Ion	Ratio	Lower	Upper
92	100		
91	173.3	134.9	202.3

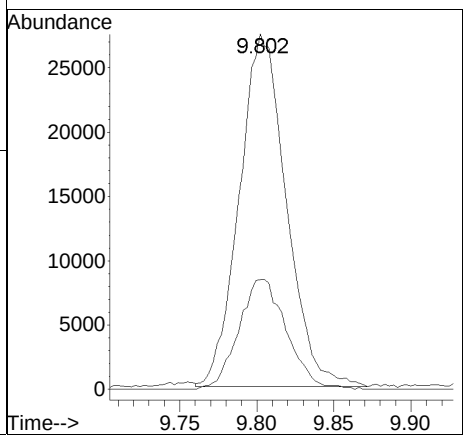


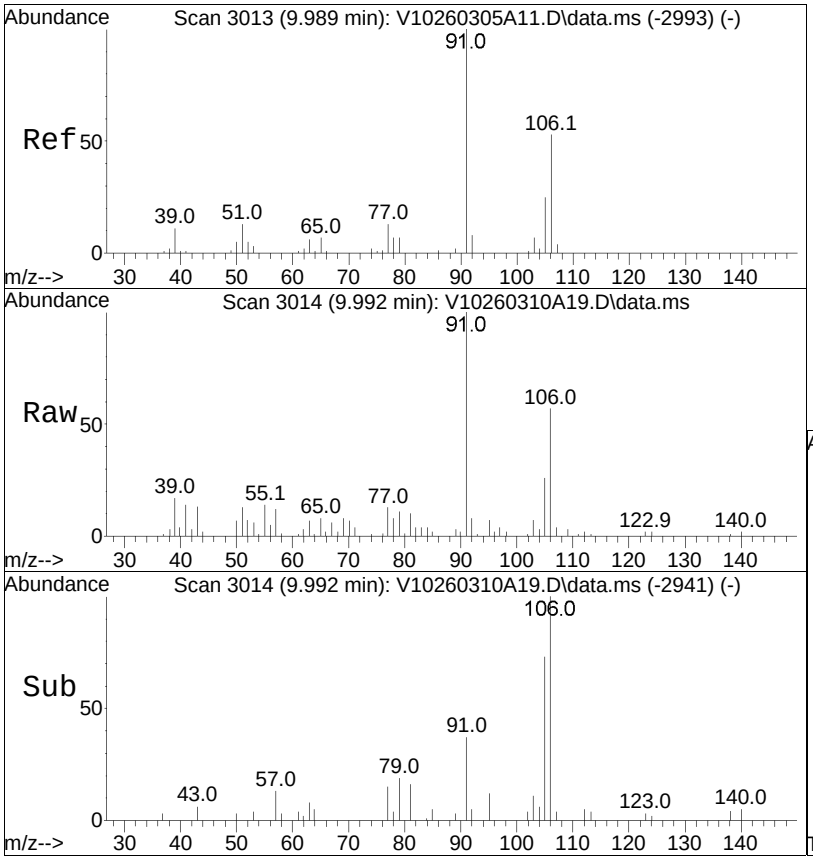


#74
Ethylbenzene
Concen: 6.87 ug/L
RT: 9.802 min Scan# 2946
Delta R.T. -0.000 min
Lab File: V10260310A19.D
Acq: 10 Mar 2026 11:36 pm

Tgt Ion: 91 Resp: 58247

Ion	Ratio	Lower	Upper
91	100		
106	31.9	24.7	37.1

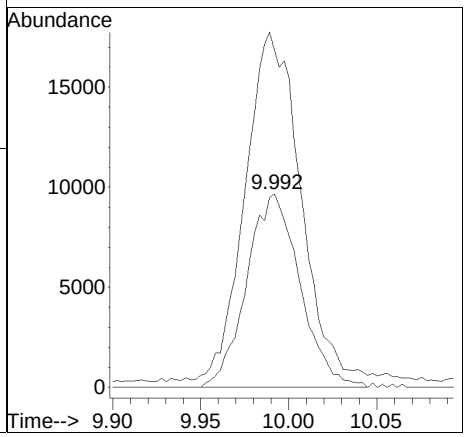


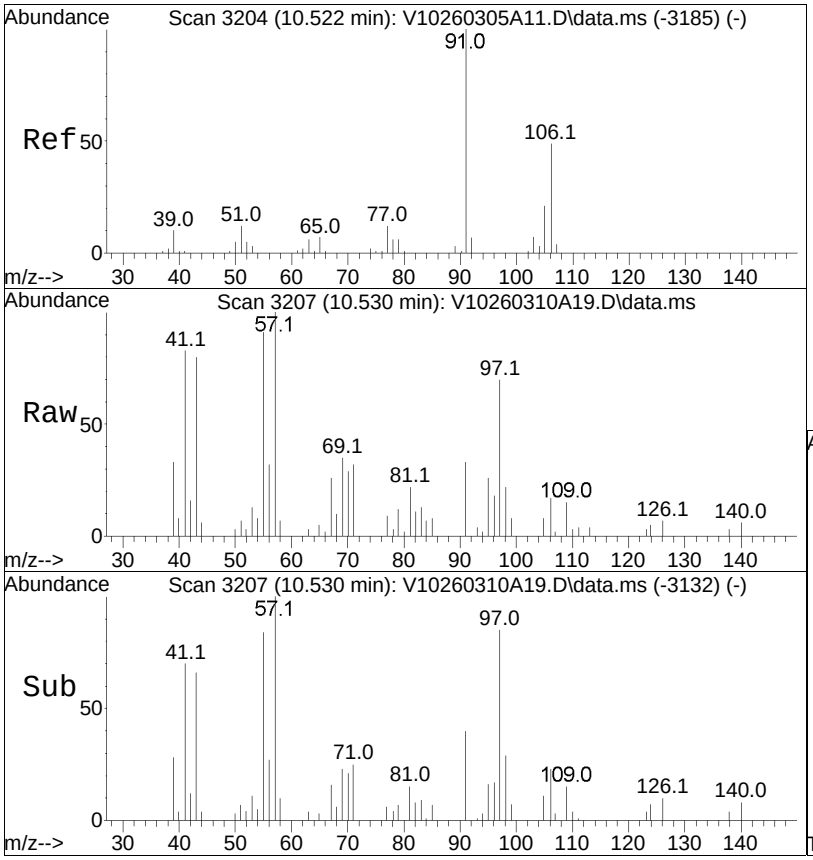


#76
p/m Xylene
Concen: 5.83 ug/L
RT: 9.992 min Scan# 3014
Delta R.T. 0.003 min
Lab File: V10260310A19.D
Acq: 10 Mar 2026 11:36 pm

Tgt Ion:106 Resp: 20344

Ion	Ratio	Lower	Upper
106	100		
91	185.8	158.2	237.2

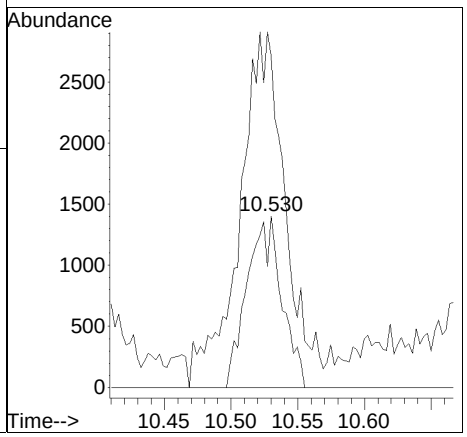


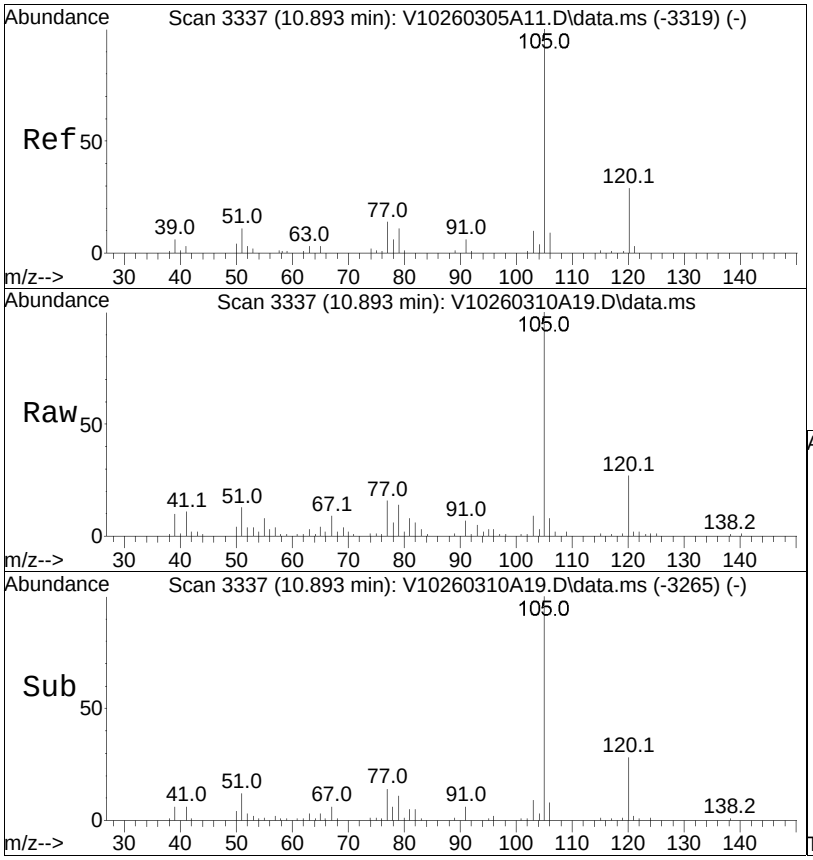


#77
o Xylene
Concen: 0.73 ug/L M1
RT: 10.530 min Scan# 3207
Delta R.T. 0.008 min
Lab File: V10260310A19.D
Acq: 10 Mar 2026 11:36 pm

Tgt Ion:106 Resp: 2516

Ion	Ratio	Lower	Upper
106	100		
91	274.5	167.9	251.9#

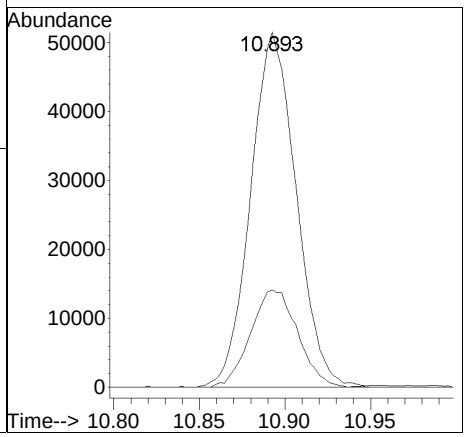


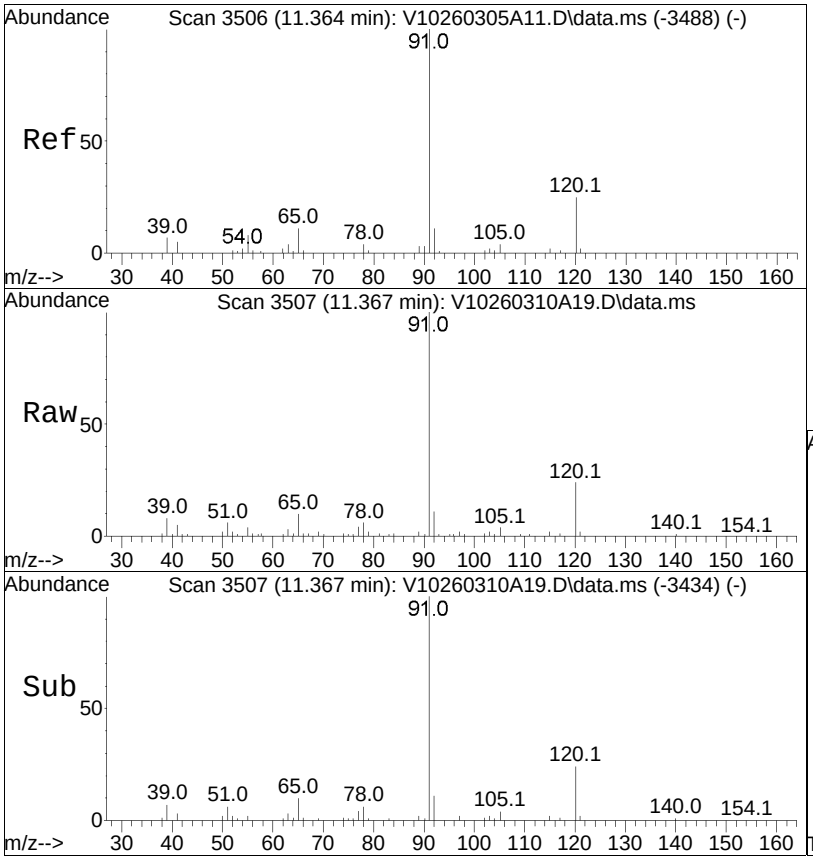


#82
Isopropylbenzene
Concen: 11.64 ug/L
RT: 10.893 min Scan# 3337
Delta R.T. -0.000 min
Lab File: V10260310A19.D
Acq: 10 Mar 2026 11:36 pm

Tgt Ion:105 Resp: 95429

Ion	Ratio	Lower	Upper
105	100		
120	28.4	6.7	46.7

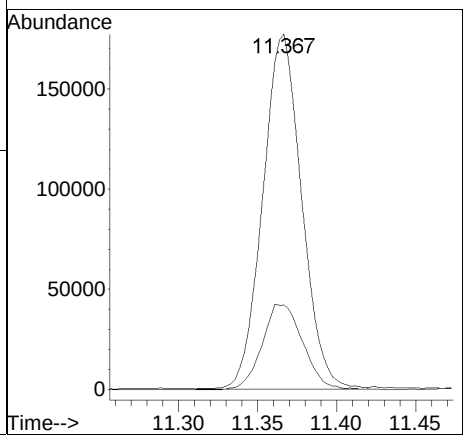


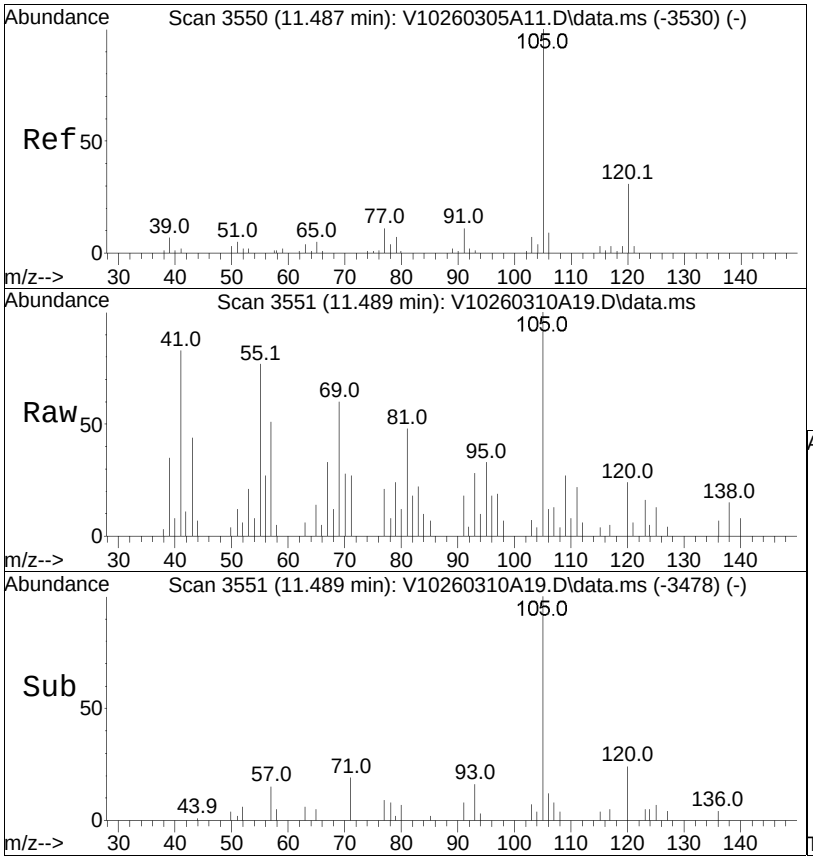


#85
n-Propylbenzene
Concen: 31.64 ug/L
RT: 11.367 min Scan# 3507
Delta R.T. 0.003 min
Lab File: V10260310A19.D
Acq: 10 Mar 2026 11:36 pm

Tgt Ion: 91 Resp: 302895

Ion	Ratio	Lower	Upper
91	100		
120	25.0	18.7	28.1

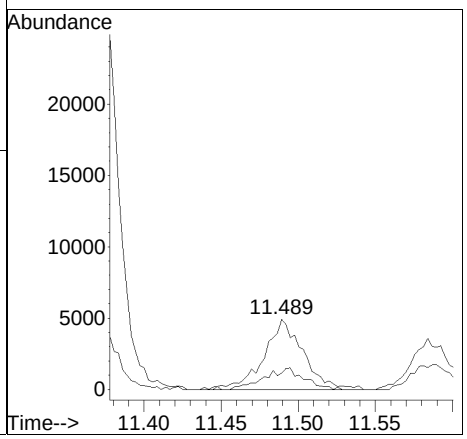


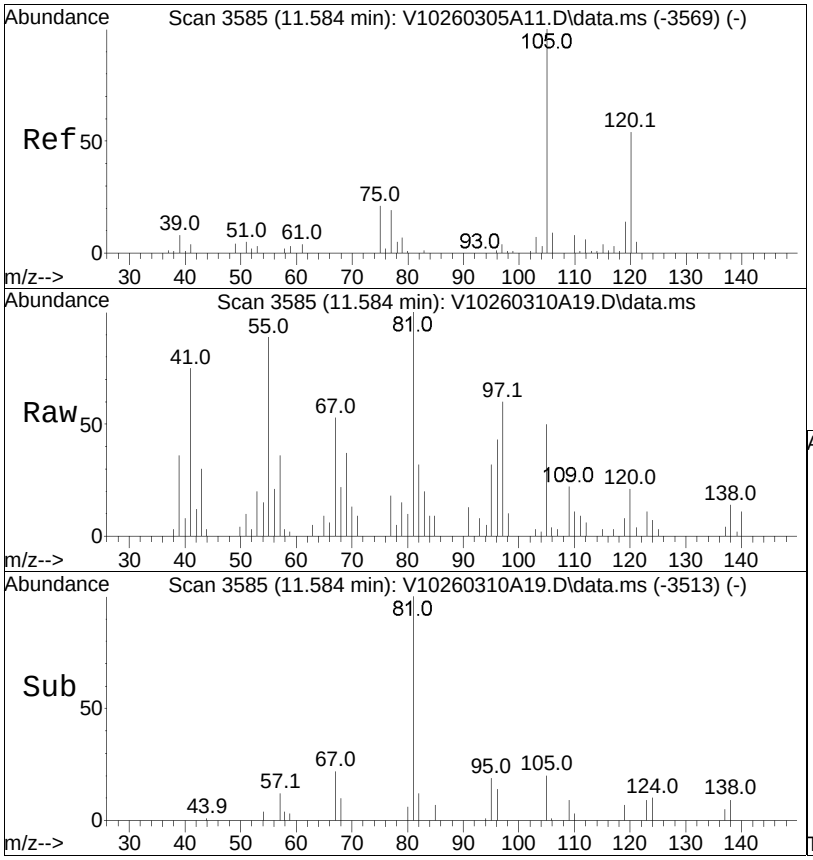


#88
4-Ethyltoluene
Concen: 1.06 ug/L
RT: 11.489 min Scan# 3551
Delta R.T. 0.003 min
Lab File: V10260310A19.D
Acq: 10 Mar 2026 11:36 pm

Tgt Ion:105 Resp: 8727

Ion	Ratio	Lower	Upper
105	100		
120	30.6	19.8	41.2

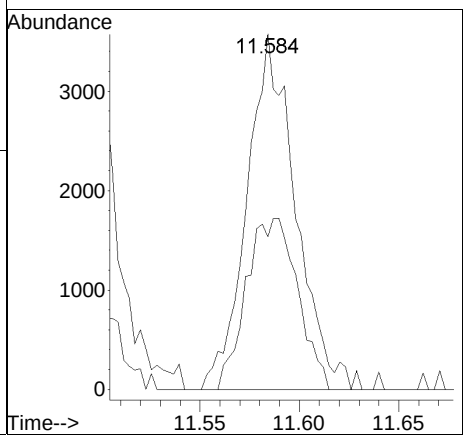


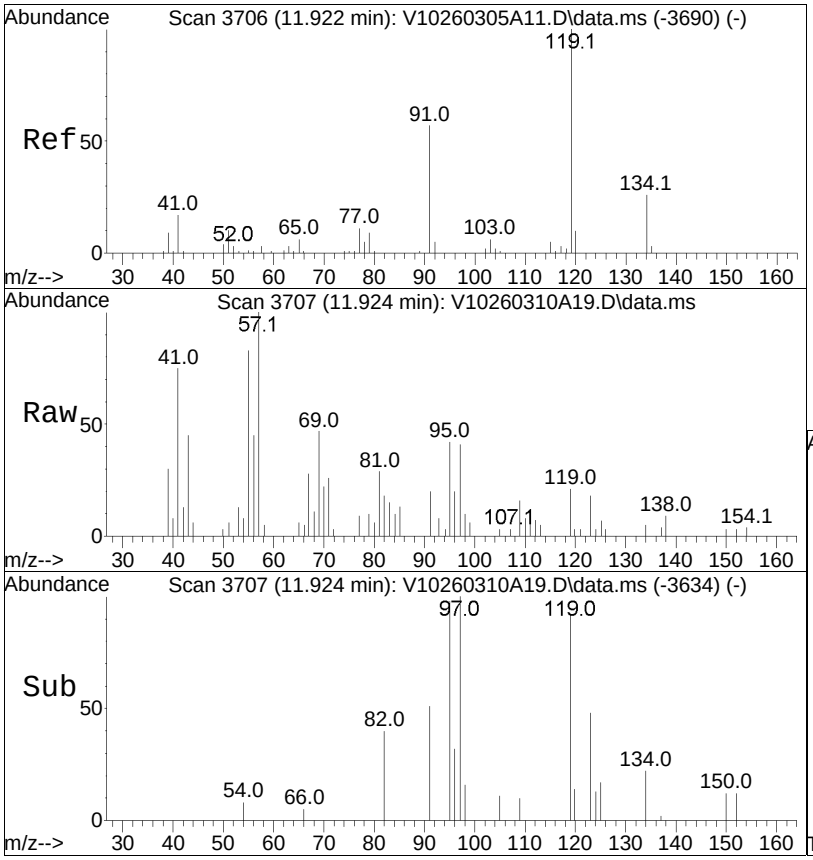


#90
1,3,5-Trimethylbenzene
Concen: 0.87 ug/L
RT: 11.584 min Scan# 3585
Delta R.T. -0.000 min
Lab File: V10260310A19.D
Acq: 10 Mar 2026 11:36 pm

Tgt Ion:105 Resp: 6100

Ion	Ratio	Lower	Upper
105	100		
120	50.7	41.0	61.4

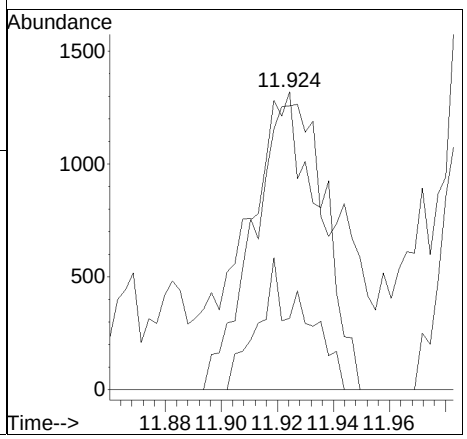


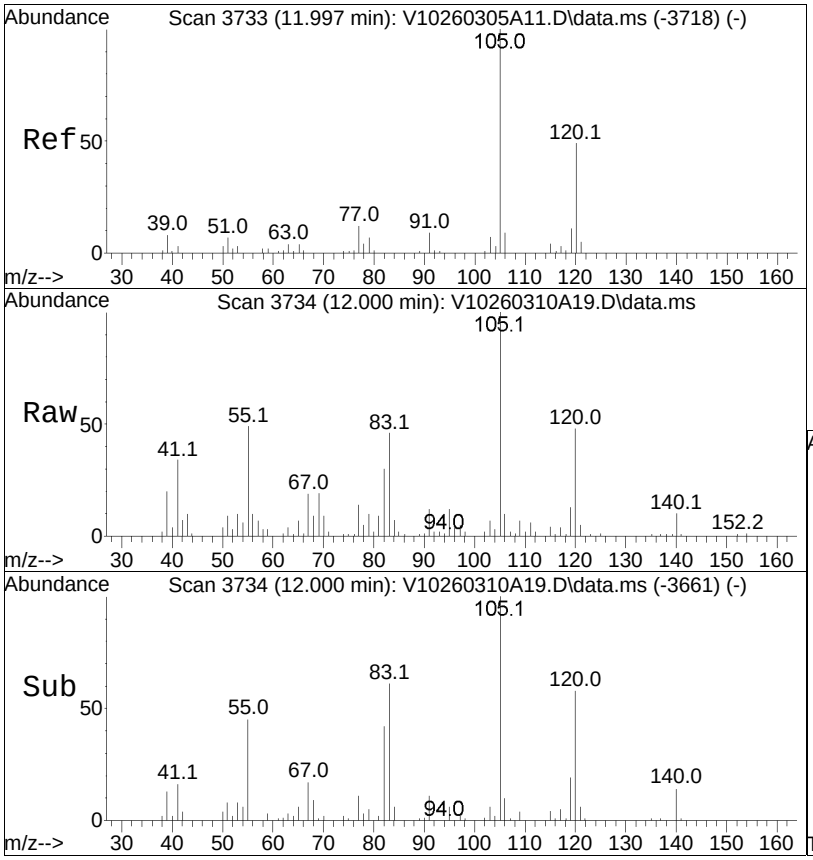


#94
tert-Butylbenzene
Concen: 0.35 ug/L
RT: 11.924 min Scan# 3707
Delta R.T. 0.003 min
Lab File: V10260310A19.D
Acq: 10 Mar 2026 11:36 pm

Tgt Ion:119 Resp: 2212

Ion	Ratio	Lower	Upper
119	100		
91	65.5	49.0	73.4
134	17.8	20.0	30.0#

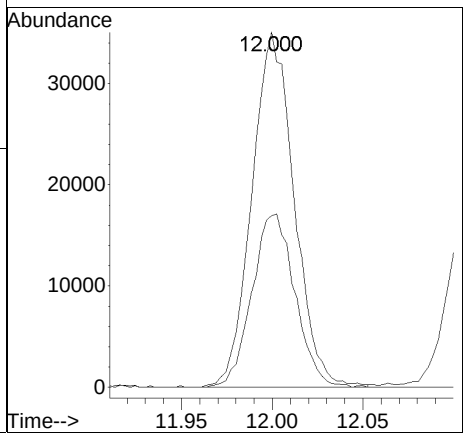


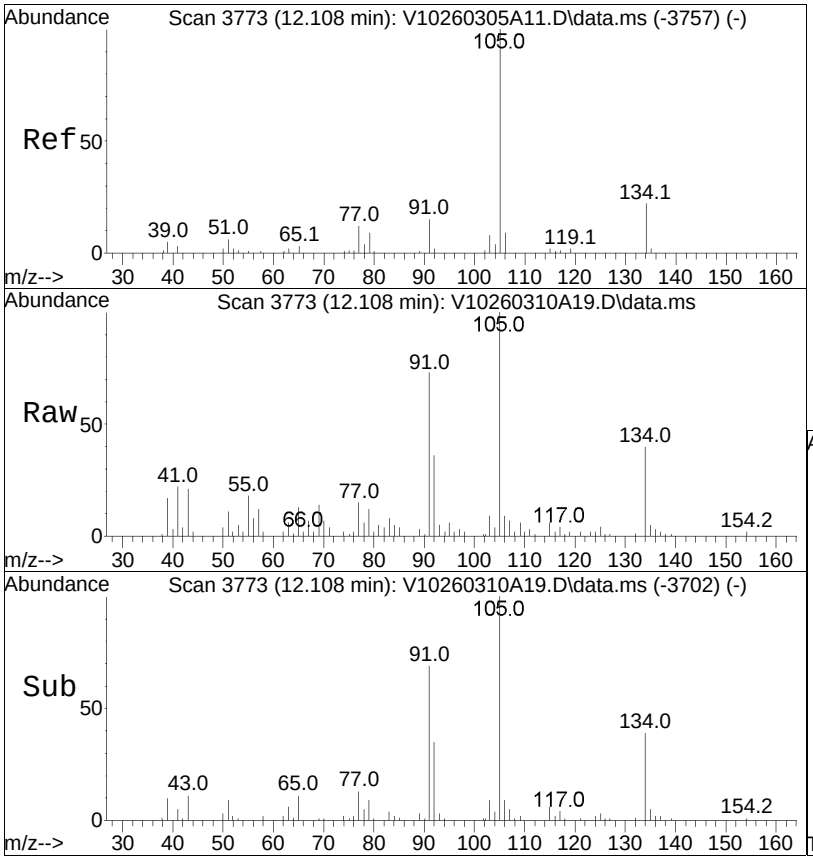


#97
1,2,4-Trimethylbenzene
Concen: 8.07 ug/L
RT: 12.000 min Scan# 3734
Delta R.T. 0.003 min
Lab File: V10260310A19.D
Acq: 10 Mar 2026 11:36 pm

Tgt Ion:105 Resp: 56929

Ion	Ratio	Lower	Upper
105	100		
120	49.6	37.8	56.6

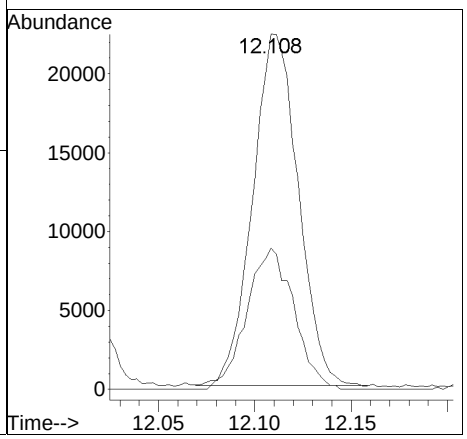


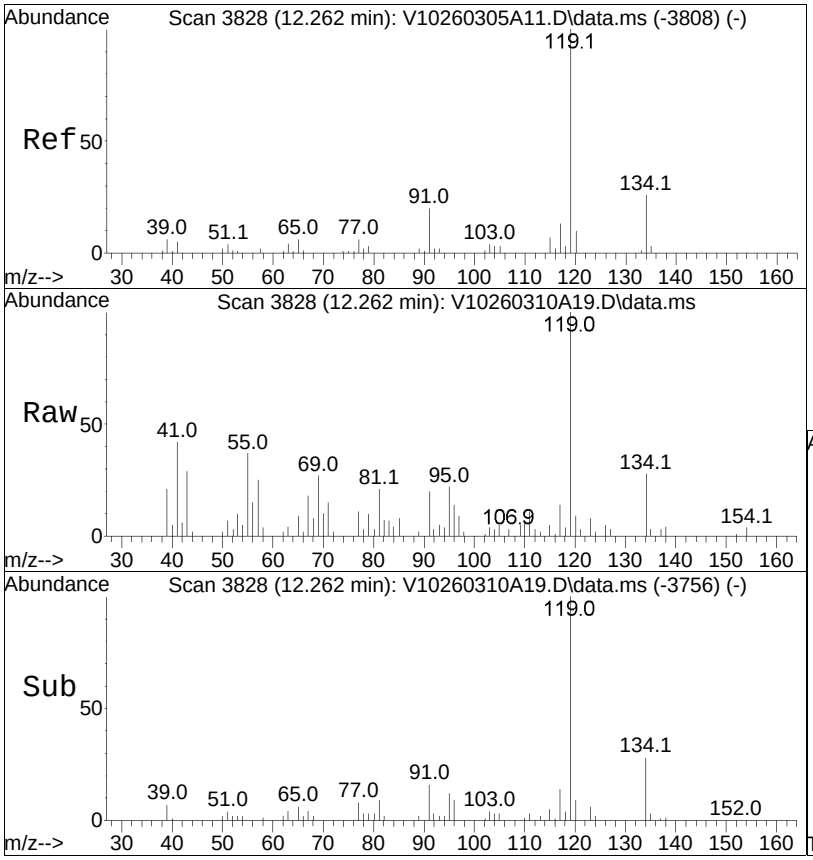


#98
sec-Butylbenzene
Concen: 4.13 ug/L
RT: 12.108 min Scan# 3773
Delta R.T. -0.000 min
Lab File: V10260310A19.D
Acq: 10 Mar 2026 11:36 pm

Tgt Ion:105 Resp: 36833

Ion	Ratio	Lower	Upper
105	100		
134	41.4	13.0	27.0#

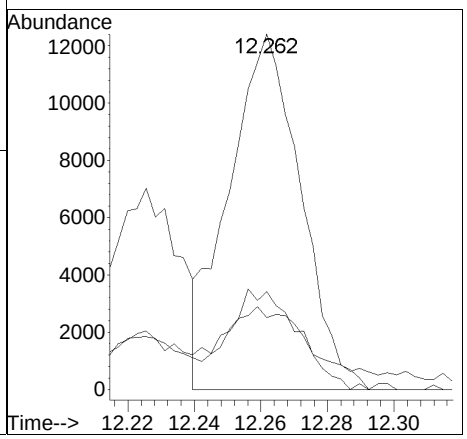


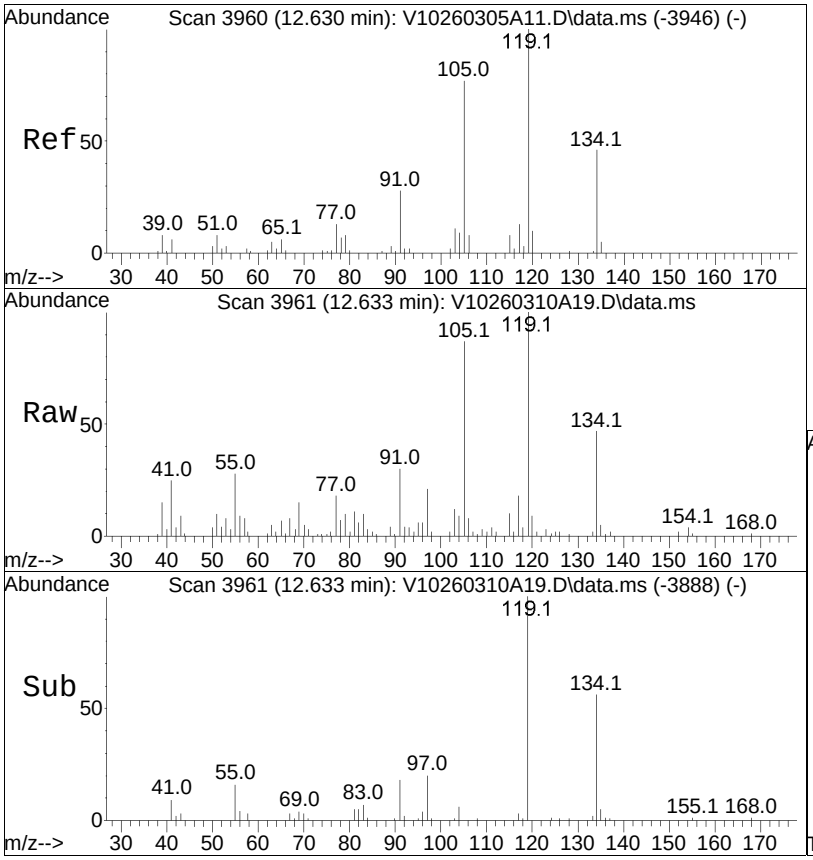


#99
p-Isopropyltoluene
Concen: 2.25 ug/L M1
RT: 12.262 min Scan# 3828
Delta R.T. -0.000 min
Lab File: V10260310A19.D
Acq: 10 Mar 2026 11:36 pm

Tgt Ion:119 Resp: 18640

Ion	Ratio	Lower	Upper
119	100		
134	26.9	16.7	34.7
91	21.3	15.1	31.3

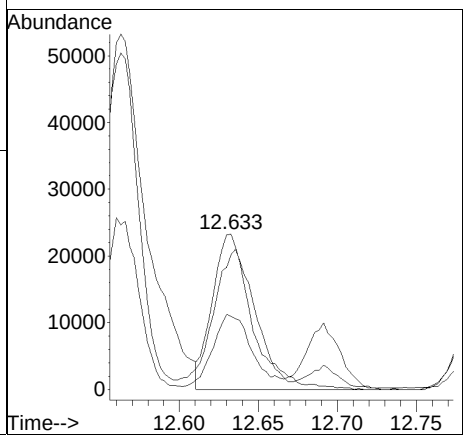


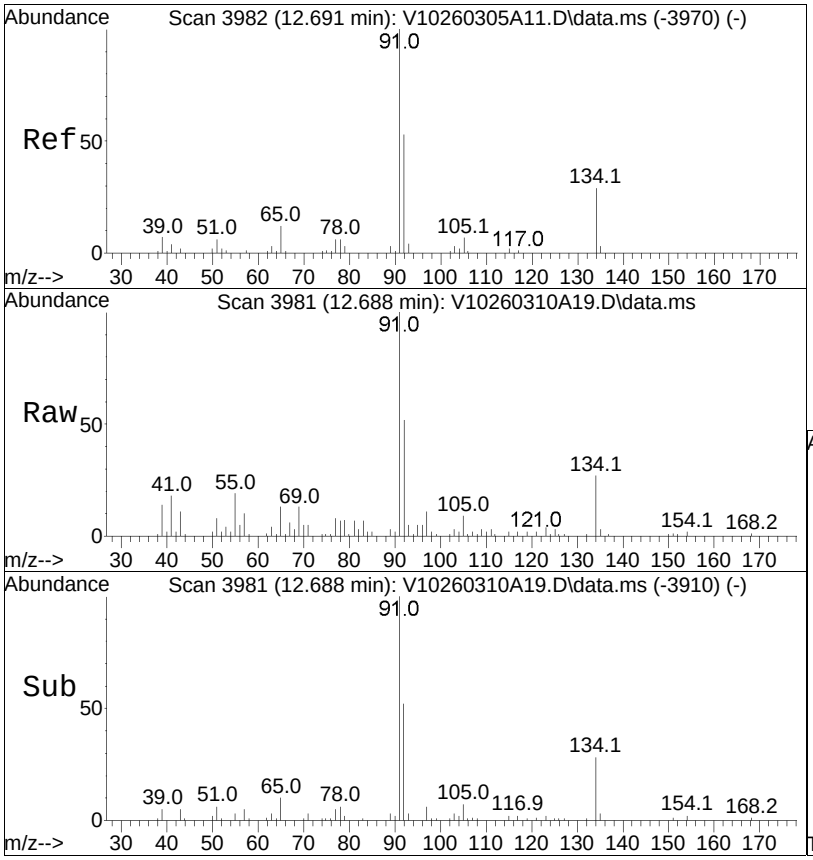


#102
p-Diethylbenzene
Concen: 7.97 ug/L
RT: 12.633 min Scan# 3961
Delta R.T. 0.003 min
Lab File: V10260310A19.D
Acq: 10 Mar 2026 11:36 pm

Tgt Ion:119 Resp: 40446

Ion	Ratio	Lower	Upper
119	100		
105	87.5	55.5	115.3
134	49.2	30.4	63.0

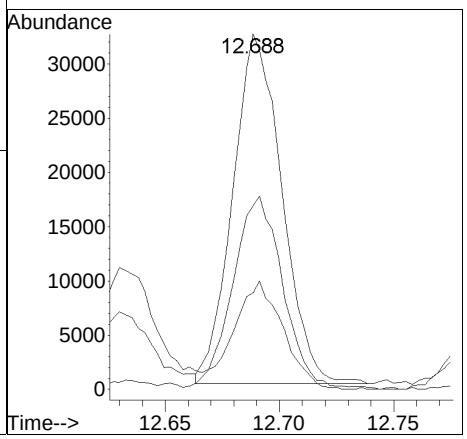


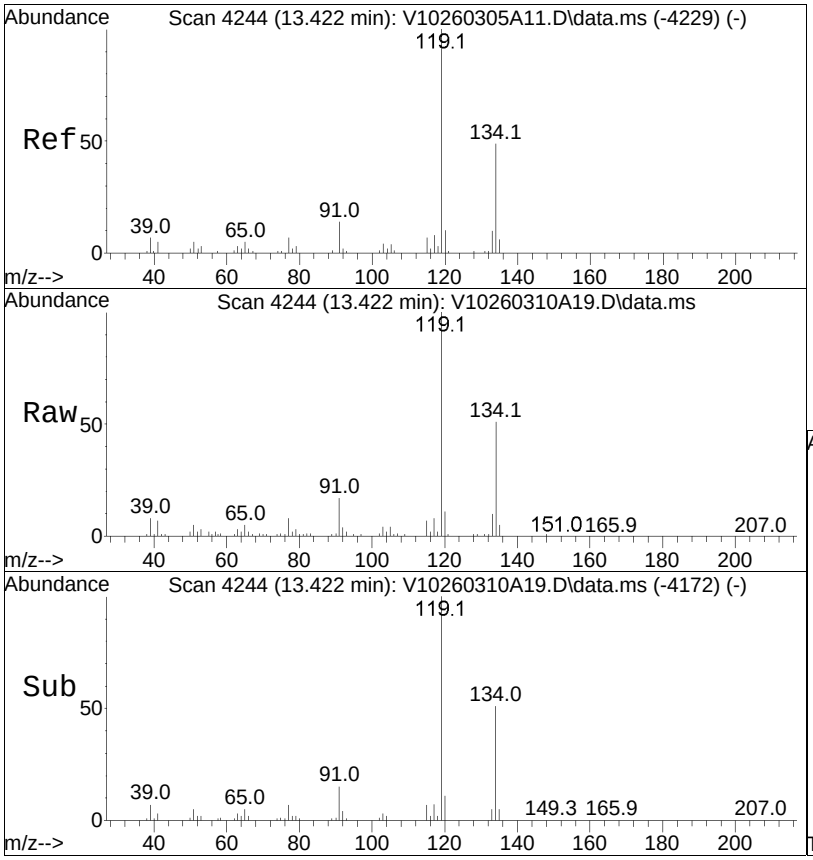


#103
n-Butylbenzene
Concen: 6.79 ug/L
RT: 12.688 min Scan# 3981
Delta R.T. -0.003 min
Lab File: V10260310A19.D
Acq: 10 Mar 2026 11:36 pm

Tgt Ion: 91 Resp: 48291

Ion	Ratio	Lower	Upper
91	100		
92	56.6	43.1	64.7
134	31.1	21.2	31.8

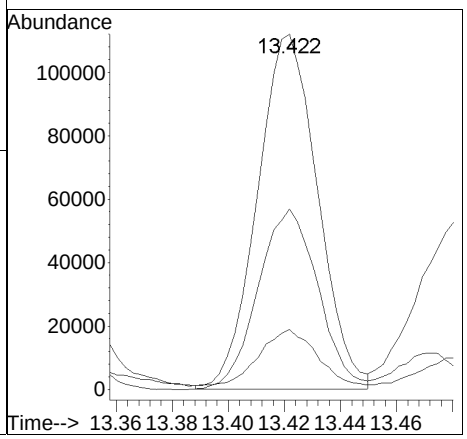


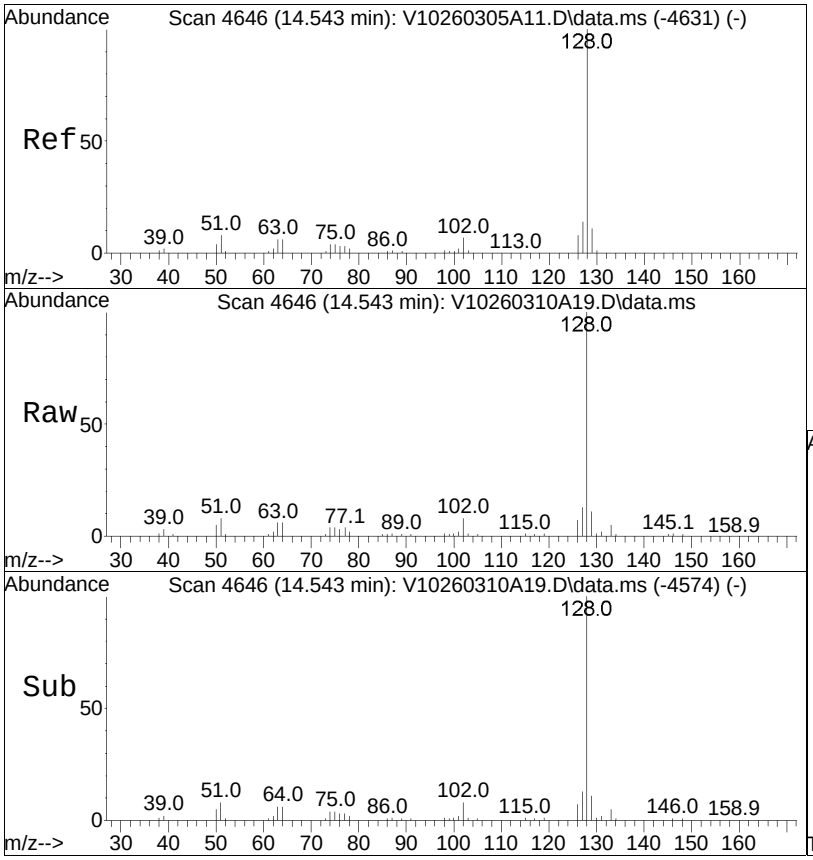


#105
1,2,4,5-Tetramethylbenzene
Concen: 20.67 ug/L
RT: 13.422 min Scan# 4244
Delta R.T. -0.000 min
Lab File: V10260310A19.D
Acq: 10 Mar 2026 11:36 pm

Tgt Ion:119 Resp: 166940

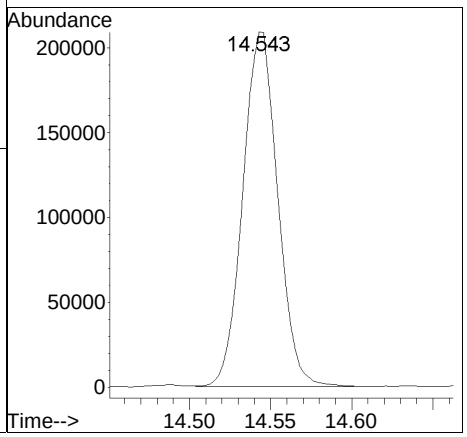
Ion	Ratio	Lower	Upper
119	100		
134	50.7	30.0	62.2
91	16.4	10.3	21.3





#110
Naphthalene
Concen: 37.44 ug/L
RT: 14.543 min Scan# 4646
Delta R.T. -0.000 min
Lab File: V10260310A19.D
Acq: 10 Mar 2026 11:36 pm

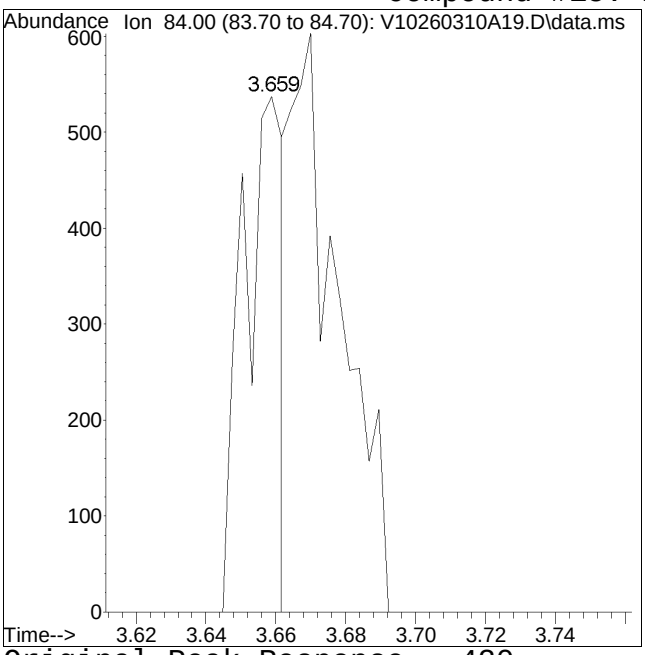
Tgt Ion:128 Resp: 313655



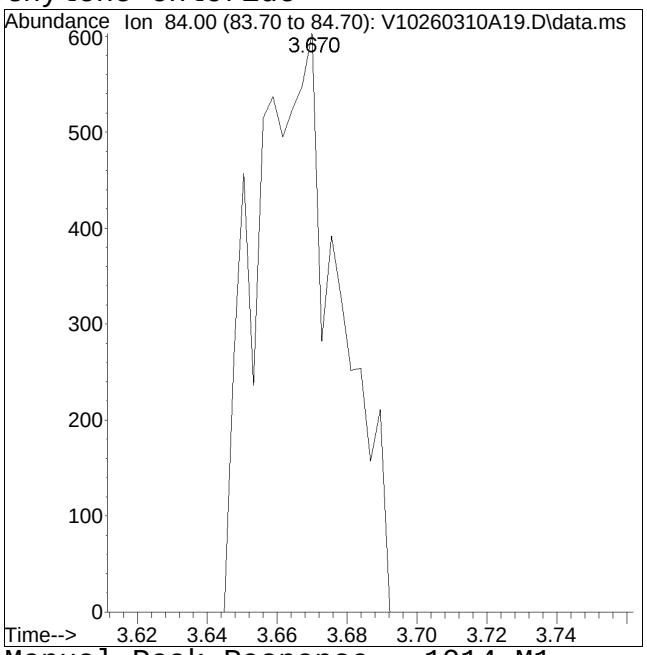
Manual Integration Report

Data Path : K:\VOA110\2026\260310A\ QMethod : V110_260305A_8260.m
Data File : V10260310A19.D Operator : VOA110:JIC
Date Inj'd : 3/10/2026 11:36 pm Instrument : VOA110
Sample : L2612196-01,31,5.80,5,,C,3Quant Date : 3/11/2026 6:03 am

Compound #15: Methylene chloride



Original Peak Response = 420



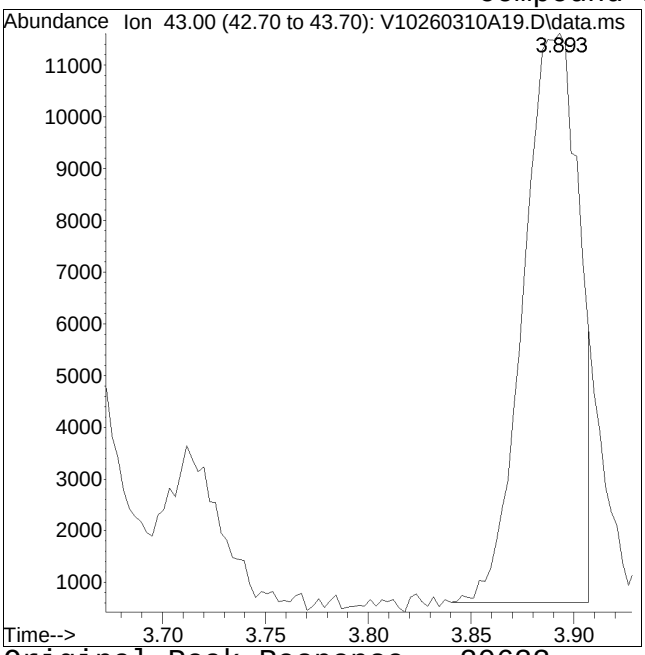
Manual Peak Response = 1014 M1

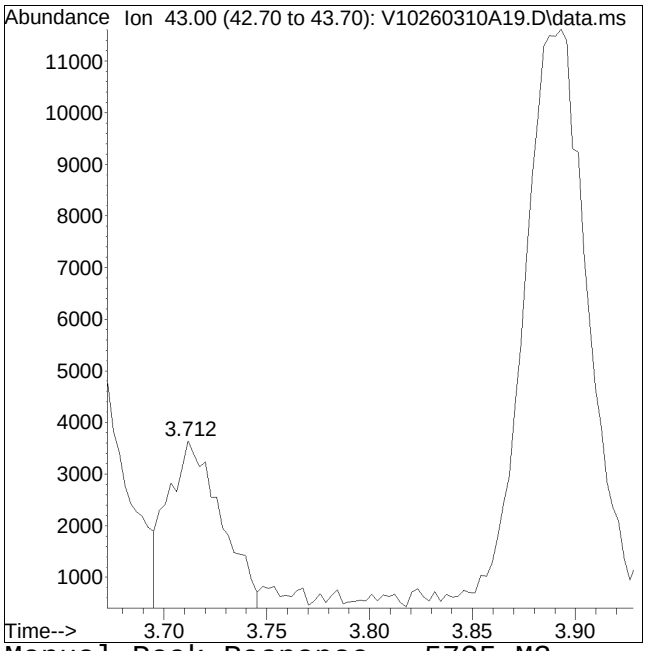
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260310A\ QMethod : V110_260305A_8260.m
Data File : V10260310A19.D Operator : VOA110:JIC
Date Inj'd : 3/10/2026 11:36 pm Instrument : VOA110
Sample : L2612196-01,31,5.80,5,,C,3Quant Date : 3/11/2026 6:03 am

Compound #17: Acetone





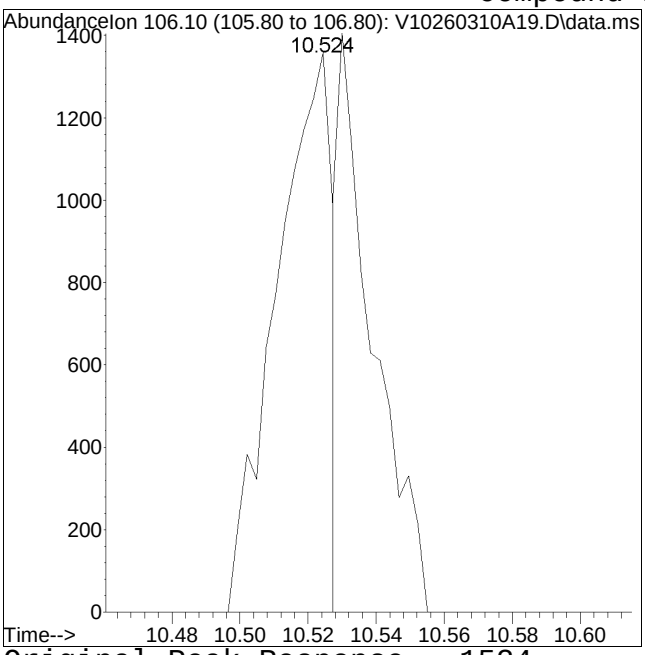
Original Peak Response = 20633 Manual Peak Response = 5735 M3

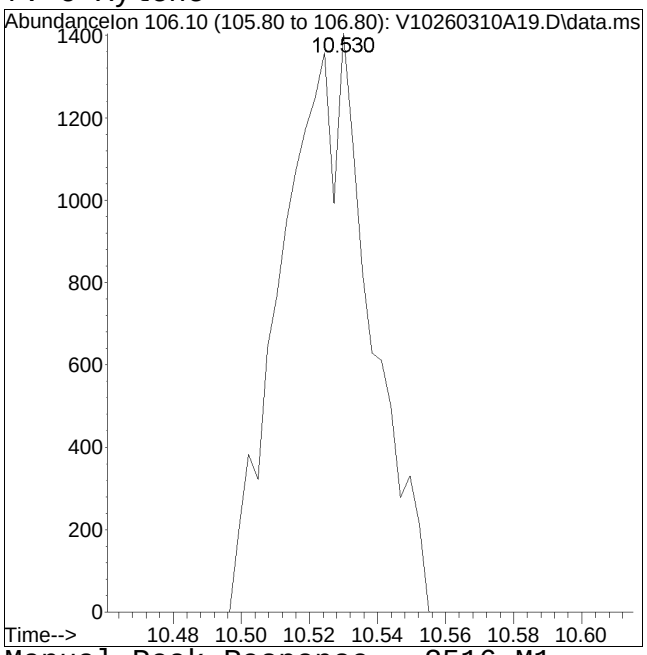
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA110\2026\260310A\ QMethod : V110_260305A_8260.m
Data File : V10260310A19.D Operator : VOA110:JIC
Date Inj'd : 3/10/2026 11:36 pm Instrument : VOA110
Sample : L2612196-01,31,5.80,5,,C,3Quant Date : 3/11/2026 6:03 am

Compound #77: o Xylene





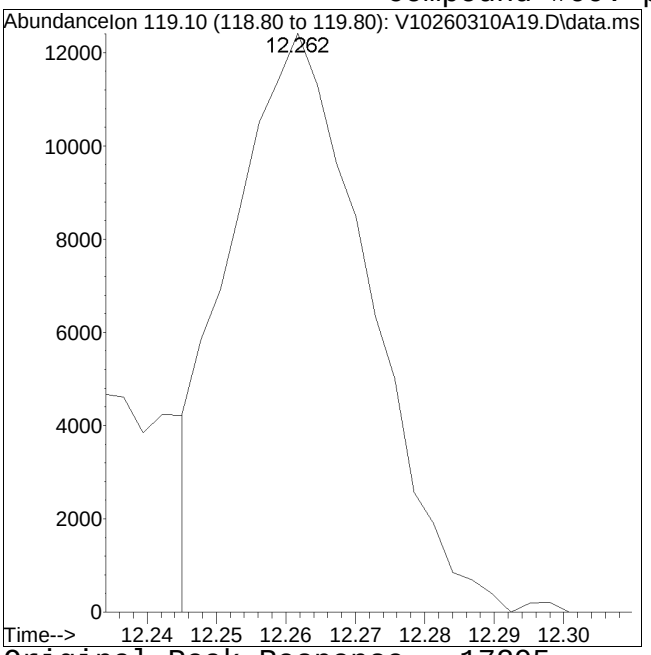
Original Peak Response = 1524 Manual Peak Response = 2516 M1

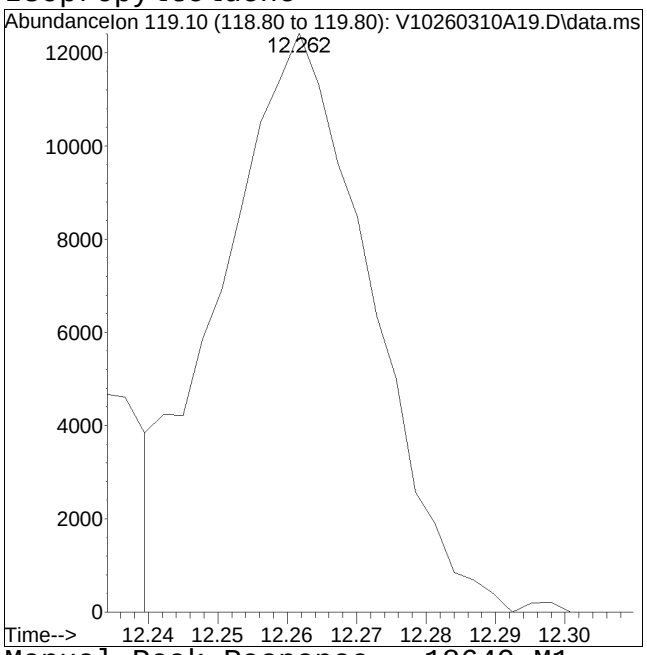
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260310A\ QMethod : V110_260305A_8260.m
Data File : V10260310A19.D Operator : VOA110:JIC
Date Inj'd : 3/10/2026 11:36 pm Instrument : VOA110
Sample : L2612196-01,31,5.80,5,,C,3Quant Date : 3/11/2026 6:03 am

Compound #99: p-Isopropyltoluene





Original Peak Response = 17295 Manual Peak Response = 18640 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2612196**
Project Name	**: 547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391-001-003-02**
Instrument ID	**: VOA126**	**Ical Ref**	**: ICAL22967**
Calibration dates	**: 01/15/26 17:51 01/16/26 00:58**		

Calibration Files

L0 =V26260115A02.D L1 =V26260115A04.D L1.5=V26260115A06.D L2 =V26260115A08.D L3 =V26260115A09.D

L4 =V26260115A10.D L6 =V26260115A11.D L7 =V26260115A12.D L8 =V26260115A13.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluo		0.208	0.331	0.336	0.305	0.316	0.292	0.269	0.275	0.292	14.25
3)	TP	Chlorodifluoro		0.196	0.260	0.198	0.177	0.183	0.160	0.170	0.157	0.188	17.50
4)	TP	Chloromethane		0.261	0.345	0.343	0.299	0.309	0.288	0.281	0.287	0.302	9.84
5)	TP	Vinyl chloride		0.231	0.376	0.386	0.350	0.362	0.342	0.308	0.292	0.331	15.51
6)	TP	Bromomethane		0.207	0.265	0.249	0.199	0.204	0.194	0.191	0.187	0.212	13.65
7)	TP	Chloroethane		0.166	0.221	0.235	0.209	0.214	0.201	0.183	0.186	0.202	11.21
8)	TP	Trichlorofluor		0.279	0.414	0.443	0.405	0.415	0.389	0.348	0.360	0.382	13.55
9)	TP	Ethyl ether		0.110	0.133	0.134	0.129	0.130	0.128	0.125	0.128	0.127	5.85
11)	TP	1,1-Dichloroet		0.173	0.259	0.266	0.236	0.245	0.234	0.217	0.223	0.232	12.54
12)	TP	Carbon disulfide		0.621	0.935	0.923	0.827	0.847	0.810	0.763	0.780	0.813	12.20
13)	TP	Freon-113		0.159	0.242	0.267	0.239	0.244	0.236	0.214	0.232	0.229	13.92
14)	TP	Iodomethane				0.151	0.217	0.255	0.249	0.227	0.210	0.218	17.06
15)	TP	Acrolein		0.011	0.017	0.017	0.016	0.015	0.015	0.014	0.015	0.015	12.78
16)	TP	Allyl chloride		0.103	0.150	0.103	0.132	0.137	0.131	0.127	0.114	0.124	13.42
17)	TP	Methylene chlo		0.390	0.342	0.309	0.263	0.264	0.252	0.242	0.243	0.288	18.64
19)	TP	Acetone			0.131	0.105	0.068	0.061	0.060	0.054	0.055	*L	0.9984
20)	TP	trans-1,2-Dich		0.201	0.283	0.291	0.268	0.275	0.265	0.253	0.260	0.262	10.54
21)	TP	Methyl acetate		0.111	0.117	0.115	0.112	0.111	0.111	0.108	0.112	0.112	2.33
22)	TP	Hexane		0.261	0.381	0.239	0.347	0.353	0.314	0.358	0.342	0.324	15.34
23)	TP	Methyl tert butyl ether		0.551	0.630	0.672	0.656	0.652	0.661	0.637	0.652	0.639	5.94
24)	TP	tert-Butyl alc		0.019	0.022	0.023	0.021	0.021	0.021	0.019	0.020	0.021	6.21
25)	TP	Diisopropyl ether		0.619	0.740	0.813	0.772	0.787	0.793	0.757	0.758	0.755	7.89
26)	TP	1,1-Dichloroet		0.395	0.517	0.539	0.490	0.499	0.487	0.464	0.471	0.483	8.91
27)	TP	Halothane		0.142	0.208	0.221	0.202	0.208	0.205	0.191	0.201	0.197	12.01
28)	TP	Acrylonitrile		0.046	0.065	0.070	0.065	0.062	0.063	0.060	0.062	0.062	11.07
29)	TP	Ethyl tert-but		0.628	0.736	0.806	0.774	0.790	0.808	0.774	0.784	0.762	7.72
30)	TP	Vinyl acetate		0.342	0.388	0.406	0.401	0.408	0.413	0.396	0.403	0.395	5.75
31)	TP	cis-1,2-Dichlo		0.239	0.308	0.324	0.287	0.292	0.292	0.279	0.284	0.288	8.60
32)	TP	2,2-Dichloropr		0.295	0.421	0.444	0.402	0.409	0.403	0.380	0.396	0.394	11.20
33)	TP	Bromochloromet		0.112	0.126	0.138	0.124	0.124	0.119	0.112	0.112	0.121	7.35
34)	TP	Cyclohexane		0.309	0.461	0.528	0.453	0.469	0.460	0.424	0.464	0.446	13.96
35)	TP	Chloroform		0.503	0.550	0.562	0.483	0.486	0.482	0.456	0.462	0.498	7.79
36)	TP	Ethyl acetate		0.132	0.150	0.162	0.156	0.154	0.160	0.151	0.158	0.153	6.21
37)	TP	Carbon tetrach		0.261	0.382	0.418	0.379	0.392	0.385	0.363	0.389	0.371	12.70
38)	TP	Tetrahydrofuran		0.052	0.051	0.055	0.049	0.048	0.048	0.046	0.048	0.050	5.99

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2612196**
Project Name	**: 547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391-001-003-02**
Instrument ID	**: VOA126**	**Ical Ref**	**: ICAL22967**
Calibration dates	**: 01/15/26 17:51 01/16/26 00:58**		

Calibration Files

L0 =V26260115A02.D L1 =V26260115A04.D L1.5=V26260115A06.D L2 =V26260115A08.D L3 =V26260115A09.D

L4 =V26260115A10.D L6 =V26260115A11.D L7 =V26260115A12.D L8 =V26260115A13.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
39)	S	Dibromofluoromethane	0.246	0.247	0.250	0.250	0.247	0.247	0.244	0.245	0.241	0.247	1.18
40)	TP	1,1,1-Trichloroethane	0.334	0.305	0.433	0.468	0.420	0.432	0.423	0.399	0.417	0.404	12.78
42)	TP	2-Butanone			0.093	0.087	0.072	0.068	0.069	0.065	0.068	0.075	14.78
43)	TP	1,1-Dichloropropene	0.272	0.246	0.357	0.388	0.353	0.361	0.357	0.336	0.355	0.336	13.74
44)	TP	Heptane		0.159	0.246	0.164	0.230	0.235	0.209	0.239	0.232	0.214	15.94
45)	TP	Benzene	0.889	0.787	1.032	1.095	1.008	1.029	1.024	0.981	0.989	0.982	9.31
46)	TP	Tertiary-Amyl Methyl Ether		0.537	0.619	0.694	0.654	0.664	0.683	0.657	0.673	0.648	7.70
47)	S	1,2-Dichloroethane-d4	0.239	0.240	0.250	0.245	0.246	0.240	0.238	0.243	0.252	0.244	2.11
48)	TP	1,2-Dichloroet		0.293	0.343	0.364	0.335	0.334	0.333	0.316	0.320	0.329	6.38
51)	TP	Methyl cyclohe		0.276	0.411	0.509	0.439	0.452	0.455	0.426	0.474	0.430	16.09
52)	TP	Trichloroethene	0.230	0.214	0.287	0.309	0.280	0.291	0.294	0.279	0.290	0.275	11.47
54)	TP	Dibromomethane		0.122	0.146	0.158	0.142	0.144	0.143	0.136	0.142	0.142	7.16
55)	TP	1,2-Dichloropr		0.212	0.267	0.296	0.269	0.276	0.281	0.267	0.272	0.268	9.14
57)	TP	2-Chloroethyl		0.092	0.110	0.120	0.112	0.109	0.105	0.094	0.097	0.105	9.38
58)	TP	Bromodichloromethane	0.320	0.298	0.356	0.388	0.363	0.376	0.383	0.363	0.368	0.357	8.32
60)	TP	Methyl methacr		0.115	0.134	0.109	0.134	0.123	0.123	0.121	0.123	0.123	6.96
61)	TP	1,4-Dioxane		0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001#	10.46
62)	TP	cis-1,3-Dichloropropene	0.352	0.314	0.393	0.425	0.408	0.425	0.440	0.417	0.421	0.399	10.24
63)	I	Chlorobenzene-d5	----------ISTD----------										
64)	TP	Octane		0.217	0.336	0.240	0.329	0.341	0.314	0.368	0.365	0.314	17.79
65)	S	Toluene-d8	1.292	1.293	1.286	1.296	1.295	1.295	1.310	1.323	1.328	1.302	1.13
66)	TP	Toluene		0.694	0.873	0.980	0.846	0.881	0.900	0.867	0.904	0.868	9.32
67)	TP	4-Methyl-2-pen		0.067	0.082	0.091	0.093	0.093	0.097	0.093	0.101	0.089	11.83
68)	TP	Tetrachloroethene	0.344	0.291	0.393	0.439	0.381	0.389	0.393	0.375	0.409	0.379	11.02
69)	TP	2-Nitropropane		0.062	0.060	0.051	0.059	0.053	0.051	0.052	0.055	0.055	8.12
71)	TP	trans-1,3-Dich		0.334	0.397	0.457	0.437	0.463	0.487	0.470	0.492	0.442	12.02
72)	TP	Methyl isothio		0.137	0.157	0.131	0.164	0.151	0.156	0.161	0.171	0.153	8.87
74)	TP	Ethyl methacry		0.281	0.329	0.369	0.355	0.365	0.379	0.366	0.387	0.354	9.70
75)	TP	1,1,2-Trichlor		0.168	0.210	0.228	0.211	0.221	0.228	0.220	0.233	0.215	9.58
76)	TP	Chlorodibromomethane	0.284	0.265	0.293	0.344	0.324	0.344	0.359	0.350	0.368	0.326	11.24
77)	TP	1,3-Dichloropr		0.352	0.414	0.467	0.432	0.443	0.458	0.444	0.467	0.435	8.72
78)	TP	1,2-Dibromoethane	0.202	0.197	0.229	0.263	0.250	0.255	0.267	0.257	0.272	0.243	11.33
79)	TP	n-Butyl Acetate		0.336	0.414	0.350	0.413	0.379	0.373	0.367	0.370	0.375	7.27
80)	TP	2-Hexanone		0.127	0.136	0.163	0.155	0.153	0.157	0.147	0.156	0.149	7.94
81)	TP	Nonane		0.409	0.637	0.451	0.622	0.653	0.601	0.686	0.661	0.590	17.36
82)	TP	Chlorobenzene	0.853	0.801	0.973	1.113	0.950	0.981	0.997	0.948	0.965	0.953	9.24

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2612196**
Project Name	**: 547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391-001-003-02**
Instrument ID	**: VOA126**	**Ical Ref**	**: ICAL22967**
Calibration dates	**: 01/15/26 17:51 01/16/26 00:58**		

Calibration Files

L0 =V26260115A02.D L1 =V26260115A04.D L1.5=V26260115A06.D L2 =V26260115A08.D L3 =V26260115A09.D

L4 =V26260115A10.D L6 =V26260115A11.D L7 =V26260115A12.D L8 =V26260115A13.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
83)	TP	Ethylbenzene		1.330	1.676	1.967	1.658	1.706	1.714	1.590	1.600	1.655	10.63
84)	TP	1,1,1,2-Tetrachloroethane	0.286	0.267	0.317	0.374	0.338	0.354	0.367	0.354	0.365	0.336	11.29
85)	TP	p/m Xylene	0.576	0.517	0.643	0.768	0.639	0.659	0.667	0.626	0.638	0.637	10.69
86)	TP	o Xylene	0.533	0.500	0.614	0.734	0.613	0.638	0.647	0.608	0.613	0.611	10.90
87)	TP	Styrene	0.886	0.818	0.993	1.204	1.034	1.077	1.076	0.992		1.010	11.83
88)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
89)	TP	Bromoform		0.311	0.345	0.408	0.395	0.413	0.439	0.412	0.428	0.394	11.07
91)	TP	Isopropylbenzene		2.470	3.173	4.012	3.340	3.415	3.475	3.104	3.127	3.265	13.28
92)	S	4-Bromofluorobenzene	0.976	0.981	0.980	0.997	1.001	0.978	0.978	0.931	0.924	0.972	2.73
93)	TP	Bromobenzene		0.677	0.769	0.944	0.793	0.806	0.813	0.745	0.755	0.788	9.69
94)	TP	Decane		0.879	1.452	1.083	1.444	1.509	1.400	1.514	1.413	1.337	17.18
95)	TP	n-Propylbenzene		2.863	3.747	4.735	3.890	3.936	3.962	3.511		3.806	14.74
96)	TP	1,4-Dichlorobu		0.774	0.896	1.034	0.939	0.934	0.933	0.850	0.864	0.903	8.53
97)	TP	1,1,2,2-Tetrachloroethane	0.553	0.528	0.575	0.691	0.627	0.628	0.629	0.579	0.601	0.601	8.09
98)	TP	4-Ethyltoluene		2.396	2.998	3.862	3.167	3.222	3.249	2.959	3.008	3.108	13.08
99)	TP	2-Chlorotoluene		2.082	2.470	3.079	2.521	2.562	2.584	2.362	2.379	2.505	11.25
100)	TP	1,3,5-Trimethy		2.037	2.534	3.267	2.690	2.735	2.774	2.560	2.605	2.650	12.79
101)	TP	1,2,3-Trichlor		0.407	0.443	0.502	0.451	0.447	0.445	0.403	0.419	0.439	7.16
102)	TP	trans-1,4-Dich		0.162	0.180	0.214	0.192	0.195	0.196	0.178	0.183	0.187	8.18
103)	TP	4-Chlorotoluene		1.983	2.357	2.924	2.341	2.366	2.378	2.180	2.210	2.342	11.57
104)	TP	tert-Butylbenzene		1.675	2.228	2.801	2.310	2.375	2.391	2.228	2.338	2.293	13.46
107)	TP	1,2,4-Trimethy		1.976	2.423	3.168	2.599	2.649	2.706	2.518	2.547	2.573	12.82
108)	TP	Limonene		0.551	0.843	0.620	0.847	0.858	0.810	0.872	0.842	0.780	15.77
109)	TP	sec-Butylbenzene		2.374	3.244	4.119	3.445	3.517	3.560	3.274	3.382	3.364	14.39
110)	TP	p-Isopropyltol		2.011	2.754	3.517	2.918	3.000	3.086	2.850	2.920	2.882	14.59
111)	TP	1,3-Dichlorobe		1.250	1.390	1.764	1.469	1.496	1.534	1.449	1.478	1.479	9.78
112)	TP	1,4-Dichlorobe		1.264	1.441	1.787	1.448	1.475	1.510	1.434	1.462	1.478	9.80
113)	TP	trans-Decahydr		0.497	0.815	0.552	0.779	0.808	0.744	0.844	0.823	0.733	18.13
114)	TP	Undecane		0.871	1.389	1.088	1.434	1.472	1.356	1.325	1.123	1.257	16.61
115)	TP	p-Diethylbenzene		1.239	1.628	2.115	1.749	1.809	1.890	1.744	1.793	1.746	14.26
116)	TP	n-Butylbenzene		2.265	3.118	3.906	3.264	3.325	3.440	3.157	3.237	3.214	14.19
117)	TP	Hexachloroethane		0.399	0.543	0.423	0.545	0.558	0.566	0.589	0.577	0.525	13.77
118)	TP	1,2-Dichlorobe		1.097	1.241	1.568	1.312	1.332	1.372	1.314	1.347	1.323	9.94
119)	TP	cis-Decahydron		0.379	0.616	0.413	0.593	0.618	0.579	0.644	0.628	0.559	18.37
120)	TP	1,2,4,5-Tetram		1.833	2.212	3.018	2.533	2.643	2.810	2.589	2.601	2.530	14.36
121)	TP	1,2-Dibromo-3-		0.061	0.071	0.085	0.084	0.086	0.091	0.088	0.095	0.083	13.41

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2612196**
Project Name	**: 547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391-001-003-02**
Instrument ID	**: VOA126**	**Ical Ref**	**: ICAL22967**
Calibration dates	**: 01/15/26 17:51 01/16/26 00:58**		

Calibration Files

L0 =V26260115A02.D L1 =V26260115A04.D L1.5=V26260115A06.D L2 =V26260115A08.D L3 =V26260115A09.D

L4 =V26260115A10.D L6 =V26260115A11.D L7 =V26260115A12.D L8 =V26260115A13.D

	Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
122) TP	1,3,5-Trichlor		0.828	0.946	1.280	1.018	1.041	1.115	1.041	1.072	1.043	12.48
123) TP	Nitrobenzene				0.020	0.024	0.024	0.028	0.030	0.034	0.027	19.14
124) TP	Hexachlorobuta		0.371	0.475	0.571	0.508	0.528	0.552	0.509	0.549	0.508	12.44
125) TP	1,2,4-Trichlor		0.739	0.793	1.062	0.863	0.874	0.929	0.864	0.874	0.875	10.88
126) TP	Naphthalene		1.323	1.414	1.844	1.589	1.595	1.659	1.529	1.565	1.565	9.98
127) TP	1,2,3-Trichlor		0.648	0.681	0.906	0.736	0.744	0.777	0.699	0.693	0.735	10.87

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2612196**
Project Name	**: 547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391-001-003-02**
Instrument ID	**: VOA111**	**Ical Ref**	**: ICAL22987**
Calibration dates	**: 01/21/26 17:21 01/21/26 22:10**		

Calibration Files

L0 =V11260121A03.D L1 =V11260121A05.D L1.5=V11260121A07.D L2 =V11260121A09.D L3 =V11260121A10.D

L4 =V11260121A11.D L6 =V11260121A12.D L7 =V11260121A13.D L8 =V11260121A14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluo		0.189	0.259	0.231	0.240	0.278	0.265	0.213	0.247	0.240	12.02
3)	TP	Chloromethane		0.229	0.277	0.254	0.248	0.294	0.277	0.229	0.267	0.259	9.10
4)	TP	Vinyl chloride		0.227	0.316	0.284	0.286	0.333	0.314	0.249	0.287	0.287	12.29
5)	TP	Bromomethane		0.224	0.266	0.246	0.222	0.235	0.204	0.168	0.195	0.220	14.04
6)	TP	Chloroethane		0.145	0.183	0.167	0.162	0.190	0.185	0.159	0.191	0.173	9.76
7)	TP	Trichlorofluor		0.262	0.341	0.300	0.332	0.387	0.376	0.301	0.351	0.331	12.66
8)	TP	Ethyl ether		0.126	0.140	0.147	0.132	0.155	0.144	0.124	0.140	0.139	7.73
10)	TP	1,1-Dichloroet		0.165	0.216	0.201	0.200	0.236	0.223	0.180	0.208	0.204	11.26
11)	TP	Carbon disulfide		0.823	0.887	0.745	0.704	0.825	0.779	0.631	0.726	0.765	10.55
12)	TP	Freon-113		0.145	0.212	0.178	0.204	0.234	0.227	0.181	0.208	0.199	14.75
14)	TP	Acrolein					0.015	0.019	0.017	0.015	0.016	0.016	8.50
15)	TP	Methylene chlo		0.332	0.308	0.295	0.247	0.286	0.264	0.222	0.253	0.276	13.10
17)	TP	Acetone				0.090	0.061	0.061	0.061	0.058	0.061	0.065	18.46
18)	TP	trans-1,2-Dich		0.216	0.249	0.250	0.229	0.271	0.255	0.209	0.241	0.240	8.62
19)	TP	Methyl acetate				0.111	0.104	0.132	0.125	0.120	0.129	0.120	9.08
20)	TP	Methyl tert butyl ether		0.686	0.744	0.885	0.700	0.803	0.738	0.645	0.719	0.740	10.09
21)	TP	tert-Butyl alc		0.021	0.025	0.034	0.024	0.025	0.023	0.022	0.023	0.025	16.03
22)	TP	Diisopropyl ether		0.725	0.814	0.983	0.763	0.876	0.828	0.700	0.800	0.811	11.05
23)	TP	1,1-Dichloroet		0.382	0.477	0.485	0.424	0.488	0.457	0.377	0.429	0.440	10.04
24)	TP	Halothane		0.132	0.181	0.200	0.171	0.201	0.190	0.155	0.175	0.176	13.34
25)	TP	Acrylonitrile				0.072	0.058	0.064	0.066	0.061	0.065	0.064	7.71
26)	TP	Ethyl tert-but		0.725	0.810	0.975	0.760	0.873	0.811	0.695	0.790	0.805	10.93
27)	TP	Vinyl acetate				0.585	0.516	0.604	0.592	0.536	0.601	0.572	6.47
28)	TP	cis-1,2-Dichlo		0.239	0.283	0.315	0.257	0.305	0.285	0.237	0.271	0.274	10.46
29)	TP	2,2-Dichloropr		0.303	0.387	0.378	0.349	0.400	0.380	0.311	0.355	0.358	9.93
30)	TP	Bromochloromet		0.115	0.133	0.153	0.129	0.144	0.131	0.110	0.124	0.130	10.82
31)	TP	Cyclohexane		0.267	0.417	0.310	0.374	0.431	0.413	0.330	0.381	0.365	15.85
32)	TP	Chloroform		0.475	0.503	0.532	0.423	0.487	0.456	0.381	0.436	0.462	10.44
33)	TP	Ethyl acetate				0.186	0.174	0.203	0.194	0.184	0.200	0.190	5.69
34)	TP	Carbon tetrach		0.259	0.354	0.331	0.324	0.382	0.366	0.295	0.346	0.332	12.00
35)	TP	Tetrahydrofuran				0.088	0.062	0.066	0.060	0.055	0.059	0.065	18.49
36)	S	Dibromofluoromethane	0.248	0.251	0.248	0.246	0.247	0.254	0.250	0.250	0.249	0.249	0.91
37)	TP	1,1,1-Trichloroethane	0.316	0.315	0.400	0.399	0.363	0.420	0.396	0.320	0.367	0.366	11.12
39)	TP	2-Butanone				0.078	0.058	0.071	0.075	0.072	0.078	0.072	10.58
40)	TP	1,1-Dichloropropene	0.223	0.237	0.331	0.301	0.294	0.343	0.331	0.267	0.306	0.293	14.44

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2612196**
Project Name	**: 547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391-001-003-02**
Instrument ID	**: VOA111**	**Ical Ref**	**: ICAL22987**
Calibration dates	**: 01/21/26 17:21 01/21/26 22:10**		

Calibration Files

L0 =V11260121A03.D L1 =V11260121A05.D L1.5=V11260121A07.D L2 =V11260121A09.D L3 =V11260121A10.D

L4 =V11260121A11.D L6 =V11260121A12.D L7 =V11260121A13.D L8 =V11260121A14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
41)	TP	Benzene	0.901	0.845	0.998	1.077	0.918	1.064	1.000	0.820	0.948	0.952	9.48
42)	TP	Tertiary-Amyl Methyl Ether		0.696	0.728	0.943	0.693	0.794	0.743	0.639	0.730	0.746	12.24
43)	S	1,2-Dichloroethane-d4	0.234	0.228	0.237	0.232	0.233	0.235	0.235	0.248	0.248	0.237	2.89
44)	TP	1,2-Dichloroet		0.299	0.332	0.399	0.305	0.349	0.329	0.282	0.320	0.327	10.99
47)	TP	Methyl cyclohe		0.255	0.419	0.304	0.395	0.453	0.449	0.356	0.415	0.381	18.61
48)	TP	Trichloroethene	0.260	0.223	0.272	0.286	0.239	0.284	0.270	0.222	0.258	0.257	9.40
50)	TP	Dibromomethane		0.149	0.159	0.194	0.148	0.168	0.157	0.138	0.155	0.158	10.54
51)	TP	1,2-Dichloropr		0.203	0.252	0.313	0.246	0.280	0.266	0.225	0.256	0.255	13.10
53)	TP	2-Chloroethyl			0.079	0.134	0.109	0.126	0.130	0.120	0.138	0.119	17.03
54)	TP	Bromodichloromethane	0.287	0.293	0.363	0.466	0.345	0.399	0.376	0.317	0.367	0.357	15.56
57)	TP	1,4-Dioxane			0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002#	9.05
58)	TP	cis-1,3-Dichloropropene	0.310	0.335	0.401	0.517	0.395	0.470	0.442	0.375	0.431	0.408	15.87
59)	I	Chlorobenzene-d5	----------ISTD----------										
60)	S	Toluene-d8	1.302	1.312	1.297	1.310	1.275	1.292	1.286	1.278	1.272	1.292	1.17
61)	TP	Toluene		0.745	0.864	0.996	0.778	0.881	0.847	0.698	0.800	0.826	11.21
62)	TP	4-Methyl-2-pen				0.120	0.090	0.106	0.103	0.097	0.106	0.103	9.90
63)	TP	Tetrachloroethene	0.237	0.271	0.395	0.361	0.339	0.377	0.366	0.297	0.341	0.332	15.90
65)	TP	trans-1,3-Dich		0.398	0.474	0.631	0.460	0.539	0.511	0.436	0.497	0.493	14.40
67)	TP	Ethyl methacry			0.243	0.446	0.352	0.414	0.410	0.368	0.414	0.378	17.85
68)	TP	1,1,2-Trichlor		0.223	0.240	0.339	0.233	0.262	0.242	0.210	0.237	0.248	16.00
69)	TP	Chlorodibromomethane	0.313	0.313	0.346	0.483	0.348	0.398	0.380	0.328	0.372	0.364	14.64
70)	TP	1,3-Dichloropr		0.421	0.497	0.644	0.460	0.526	0.493	0.421	0.472	0.492	14.53
71)	TP	1,2-Dibromoethane	0.191	0.231	0.274	0.372	0.275	0.313	0.293	0.256	0.285	0.277	18.32
72)	TP	2-Hexanone				0.112	0.133	0.159	0.166	0.157	0.178	0.151	16.01
73)	TP	Chlorobenzene	0.823	0.836	1.011	1.231	0.909	1.030	0.977	0.809	0.936	0.951	13.93
74)	TP	Ethylbenzene		1.330	1.747	1.845	1.514	1.707	1.652	1.357	1.564	1.589	11.52
75)	TP	1,1,1,2-Tetrachloroethane	0.314	0.332	0.362	0.491	0.342	0.388	0.372	0.312	0.357	0.363	14.98
76)	TP	p/m Xylene	0.485	0.497	0.654	0.723	0.590	0.667	0.644	0.528	0.612	0.600	13.67
77)	TP	o Xylene	0.494	0.541	0.674	0.761	0.585	0.664	0.639	0.532	0.623	0.612	13.63
78)	TP	Styrene	0.852	0.841	1.008	1.301	0.981	1.124	1.109	0.933	1.089	1.026	14.27
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform		0.396	0.385	0.586	0.415	0.477	0.458	0.405	0.453	0.447	14.53
82)	TP	Isopropylbenzene		2.501	3.344	3.388	2.833	3.214	3.125	2.523	2.914	2.980	11.62
83)	S	4-Bromofluorobenzene	0.940	0.956	0.882	0.917	0.909	0.915	0.908	0.906	0.904	0.915	2.35
84)	TP	Bromobenzene		0.740	0.815	1.046	0.748	0.835	0.795	0.658	0.765	0.800	14.13
85)	TP	n-Propylbenzene		2.835	3.847	3.900	3.342	3.786	3.712	2.996	3.463	3.485	11.51

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2612196**
Project Name	**: 547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391-001-003-02**
Instrument ID	**: VOA111**	**Ical Ref**	**: ICAL22987**
Calibration dates	**: 01/21/26 17:21 01/21/26 22:10**		

Calibration Files
L0 =V11260121A03.D L1 =V11260121A05.D L1.5=V11260121A07.D L2 =V11260121A09.D L3 =V11260121A10.D
L4 =V11260121A11.D L6 =V11260121A12.D L7 =V11260121A13.D L8 =V11260121A14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
86)	TP	1,4-Dichlorobu		1.002	0.921	1.236	0.916	1.024	0.972	0.848	0.947	0.983	11.77
87)	TP	1,1,2,2-Tetrachloroethane	0.665	0.693	0.690	0.996	0.674	0.751	0.699	0.611	0.670	0.717	15.51
88)	TP	4-Ethyltoluene		2.436	3.261	3.374	2.815	3.170	3.095	2.499	2.866	2.939	11.77
89)	TP	2-Chlorotoluene		1.901	2.371	2.572	2.000	2.226	2.146	1.746	2.023	2.123	12.47
90)	TP	1,3,5-Trimethy		2.310	2.902	2.926	2.385	2.725	2.634	2.161	2.501	2.568	10.80
91)	TP	1,2,3-Trichlor		0.559	0.532	0.746	0.485	0.564	0.530	0.471	0.520	0.551	15.45
92)	TP	trans-1,4-Dich				0.266	0.163	0.203	0.201	0.179	0.195	0.201	17.51
93)	TP	4-Chlorotoluene		1.890	2.326	2.692	2.081	2.352	2.276	1.864	2.173	2.207	12.23
94)	TP	tert-Butylbenzene		1.789	2.431	2.363	2.072	2.326	2.259	1.832	2.122	2.149	11.20
97)	TP	1,2,4-Trimethy		2.150	2.770	2.887	2.400	2.706	2.645	2.167	2.523	2.531	10.79
98)	TP	sec-Butylbenzene		2.648	3.489	3.364	3.050	3.462	3.424	2.748	3.172	3.170	10.35
99)	TP	p-Isopropyltol		2.225	3.047	2.980	2.665	3.021	2.993	2.415	2.803	2.769	11.16
100)	TP	1,3-Dichlorobe		1.294	1.576	1.834	1.407	1.575	1.524	1.262	1.469	1.493	12.18
101)	TP	1,4-Dichlorobe		1.536	1.771	1.937	1.430	1.601	1.539	1.272	1.482	1.571	13.06
102)	TP	p-Diethylbenzene		1.314	1.871	1.708	1.558	1.794	1.779	1.443	1.689	1.644	11.62
103)	TP	n-Butylbenzene		2.055	2.759	2.504	2.414	2.751	2.740	2.209	2.560	2.499	10.50
104)	TP	1,2-Dichlorobe		1.257	1.475	1.715	1.327	1.476	1.427	1.192	1.380	1.406	11.41
105)	TP	1,2,4,5-Tetram		2.155	2.749	2.723	2.356	2.667	2.638	2.176	2.607	2.509	9.69
106)	TP	1,2-Dibromo-3-			0.083	0.135	0.097	0.111	0.112	0.102	0.110	0.107	14.85
107)	TP	1,3,5-Trichlor		0.878	1.194	1.179	0.999	1.109	1.086	0.883	1.025	1.044	11.61
108)	TP	Hexachlorobuta		0.422	0.533	0.472	0.471	0.514	0.495	0.393	0.451	0.469	9.88
109)	TP	1,2,4-Trichlor		0.748	0.925	0.960	0.823	0.895	0.873	0.706	0.798	0.841	10.47
110)	TP	Naphthalene		1.441	1.702	1.804	1.495	1.641	1.605	1.385	1.530	1.575	8.85
111)	TP	1,2,3-Trichlor		0.586	0.710	0.770	0.631	0.679	0.662	0.541	0.598	0.647	11.38

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2612196**
Project Name	**: 547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391-001-003-02**
Instrument ID	**: VOA110**	**Ical Ref**	**: ICAL23128**
Calibration dates	**: 03/05/26 16:55 03/05/26 21:53**		

Calibration Files

L0 =V10260305A03.D L1 =V10260305A05.D L1.5=V10260305A07.D L2 =V10260305A09.D L3 =V10260305A10.D

L4 =V10260305A11.D L6 =V10260305A12.D L7 =V10260305A13.D L8 =V10260305A14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluo		0.147	0.189	0.143	0.153	0.143	0.140	0.145	0.140	0.150	10.73
3)	TP	Chloromethane		0.352	0.424	0.352	0.299	0.285	0.270	0.275	0.265	0.315	17.78
4)	TP	Vinyl chloride		0.214	0.308	0.268	0.258	0.243	0.240	0.247	0.239	0.252	10.91
5)	TP	Bromomethane		0.345	0.250	0.201	0.141	0.136	0.136	0.144	0.141	*L	0.9992
6)	TP	Chloroethane		0.167	0.227	0.194	0.175	0.172	0.164	0.154	0.130	0.173	16.41
7)	TP	Trichlorofluor		0.213	0.331	0.262	0.267	0.252	0.261	0.264	0.251	0.263	12.42
8)	TP	Ethyl ether		0.154	0.174	0.159	0.145	0.145	0.145	0.148	0.138	0.151	7.26
10)	TP	1,1-Dichloroet		0.205	0.284	0.211	0.189	0.185	0.184	0.187	0.178	0.203	17.10
11)	TP	Carbon disulfide		0.640	0.887	0.727	0.652	0.634	0.637	0.651	0.625	0.682	13.02
12)	TP	Freon-113		0.130	0.211	0.162	0.177	0.166	0.179	0.181	0.175	0.173	13.09
14)	TP	Acrolein					0.026	0.025	0.024	0.024	0.022	0.024	6.18
15)	TP	Methylene chlo				0.265	0.232	0.229	0.226	0.229	0.216	0.233	7.21
17)	TP	Acetone			0.243	0.223	0.123	0.119	0.118	0.118	0.105	*L	0.9962
18)	TP	trans-1,2-Dich		0.276	0.353	0.281	0.226	0.219	0.219	0.222	0.212	0.251	19.60
19)	TP	Methyl acetate			0.340	0.331	0.254	0.260	0.265	0.277	0.248	0.282	13.32
20)	TP	Methyl tert butyl ether		0.842	0.865	0.832	0.730	0.742	0.749	0.767	0.725	0.781	7.15
21)	TP	tert-Butyl alc		0.072	0.067	0.058	0.054	0.050	0.052	0.055	0.048	0.057	14.64
22)	TP	Diisopropyl ether		0.984	1.147	1.031	1.008	1.026	1.057	1.059	1.006	1.040	4.84
23)	TP	1,1-Dichloroet		0.462	0.574	0.516	0.465	0.452	0.453	0.454	0.437	0.477	9.59
24)	TP	Halothane		0.153	0.225	0.189	0.177	0.171	0.175	0.175	0.168	0.179	11.80
25)	TP	Acrylonitrile			0.165	0.142	0.121	0.119	0.122	0.123	0.113	0.129	14.06
26)	TP	Ethyl tert-but		0.814	0.940	0.871	0.854	0.866	0.905	0.908	0.864	0.878	4.42
27)	TP	Vinyl acetate		0.790	0.881	0.825	0.822	0.845	0.871	0.886	0.839	0.845	3.90
28)	TP	cis-1,2-Dichlo		0.284	0.346	0.299	0.263	0.260	0.263	0.259	0.247	0.278	11.62
29)	TP	2,2-Dichloropr		0.329	0.453	0.384	0.346	0.329	0.333	0.335	0.320	0.354	12.67
30)	TP	Bromochloromet		0.143	0.152	0.140	0.129	0.126	0.127	0.127	0.119	0.133	8.27
31)	TP	Cyclohexane		0.370	0.586	0.436	0.432	0.396	0.448	0.455	0.443	0.446	14.22
32)	TP	Chloroform		0.545	0.563	0.475	0.402	0.394	0.400	0.399	0.379	0.445	16.58
33)	TP	Ethyl acetate			0.490	0.362	0.356	0.377	0.389	0.410	0.372	0.394	11.73
34)	TP	Carbon tetrach		0.247	0.333	0.295	0.285	0.274	0.291	0.296	0.286	0.288	8.39
35)	TP	Tetrahydrofuran				0.169	0.133	0.129	0.130	0.142	0.124	0.138	11.76
36)	S	Dibromofluoromethane	0.284	0.279	0.275	0.272	0.256	0.249	0.252	0.247	0.245	0.262	5.80
37)	TP	1,1,1-Trichloroethane	0.495	0.375	0.445	0.363	0.326	0.313	0.325	0.326	0.313	0.364	17.76
39)	TP	2-Butanone			0.194	0.177	0.167	0.168	0.174	0.185	0.165	0.176	5.96
40)	TP	1,1-Dichloropropene	0.283	0.233	0.340	0.303	0.294	0.287	0.299	0.304	0.291	0.293	9.51

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2612196**
Project Name	**: 547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391-001-003-02**
Instrument ID	**: VOA110**	**Ical Ref**	**: ICAL23128**
Calibration dates	**: 03/05/26 16:55 03/05/26 21:53**		

Calibration Files

L0 =V10260305A03.D L1 =V10260305A05.D L1.5=V10260305A07.D L2 =V10260305A09.D L3 =V10260305A10.D

L4 =V10260305A11.D L6 =V10260305A12.D L7 =V10260305A13.D L8 =V10260305A14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
41)	TP	Benzene	1.030	0.872	1.090	1.019	0.936	0.927	0.944	0.954	0.908	0.964	7.11
42)	TP	Tertiary-Amyl Methyl Ether		0.667	0.764	0.706	0.727	0.713	0.757	0.766	0.729	0.729	4.65
43)	S	1,2-Dichloroethane-d4	0.288	0.287	0.289	0.284	0.270	0.265	0.269	0.276	0.281	0.279	3.25
44)	TP	1,2-Dichloroet		0.332	0.378	0.356	0.324	0.319	0.327	0.329	0.310	0.334	6.57
47)	TP	Methyl cyclohe		0.350	0.430	0.334	0.375	0.346	0.401	0.412	0.404	0.382	9.21
48)	TP	Trichloroethene	0.445	0.268	0.296	0.258	0.234	0.232	0.237	0.239	0.231	*L	0.9996
50)	TP	Dibromomethane		0.163	0.174	0.158	0.146	0.142	0.147	0.147	0.138	0.152	7.97
51)	TP	1,2-Dichloropr		0.249	0.322	0.287	0.283	0.271	0.283	0.278	0.267	0.280	7.45
53)	TP	2-Chloroethyl			0.173	0.187	0.189	0.185	0.197	0.201	0.187	0.189	4.80
54)	TP	Bromodichloromethane	0.700	0.410	0.405	0.359	0.350	0.318	0.333	0.330	0.315	*L	0.9992
57)	TP	1,4-Dioxane		0.002	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003#	13.96
58)	TP	cis-1,3-Dichloropropene	0.398	0.370	0.448	0.434	0.432	0.412	0.433	0.428	0.407	0.418	5.69
59)	I	Chlorobenzene-d5	----------ISTD----------										
60)	S	Toluene-d8	1.143	1.159	1.164	1.193	1.205	1.211	1.218	1.233	1.244	1.197	2.92
61)	TP	Toluene		0.652	0.820	0.747	0.738	0.713	0.756	0.756	0.729	0.739	6.38
62)	TP	4-Methyl-2-pen		0.116	0.135	0.143	0.159	0.153	0.167	0.173	0.159	0.151	12.20
63)	TP	Tetrachloroethene	0.299	0.219	0.303	0.279	0.293	0.280	0.305	0.307	0.298	0.287	9.58
65)	TP	trans-1,3-Dich		0.343	0.442	0.422	0.485	0.457	0.490	0.486	0.465	0.449	10.90
67)	TP	Ethyl methacry		0.488	0.466	0.447	0.453	0.423	0.452	0.461	0.434	0.453	4.37
68)	TP	1,1,2-Trichlor		0.268	0.262	0.224	0.246	0.225	0.239	0.235	0.225	0.241	7.14
69)	TP	Chlorodibromomethane	0.266	0.296	0.332	0.325	0.359	0.323	0.348	0.346	0.328	0.325	8.82
70)	TP	1,3-Dichloropr		0.369	0.468	0.466	0.500	0.478	0.496	0.496	0.471	0.468	9.07
71)	TP	1,2-Dibromoethane	0.193	0.218	0.267	0.259	0.295	0.279	0.295	0.295	0.279	0.264	13.68
72)	TP	2-Hexanone			0.275	0.306	0.322	0.308	0.337	0.350	0.314	0.316	7.58
73)	TP	Chlorobenzene	0.942	0.758	0.905	0.846	0.886	0.828	0.873	0.867	0.833	0.860	6.09
74)	TP	Ethylbenzene		1.250	1.557	1.378	1.428	1.325	1.421	1.412	1.366	1.392	6.39
75)	TP	1,1,1,2-Tetrachloroethane	0.259	0.241	0.330	0.300	0.336	0.312	0.333	0.330	0.318	0.307	11.24
76)	TP	p/m Xylene	0.704	0.497	0.609	0.554	0.578	0.534	0.568	0.566	0.548	0.573	10.10
77)	TP	o Xylene	0.649	0.490	0.600	0.552	0.581	0.534	0.562	0.557	0.538	0.563	7.93
78)	TP	Styrene	1.063	0.863	1.017	0.929	1.006	0.928	0.979	0.978	0.937	0.967	6.15
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform		0.330	0.385	0.354	0.423	0.394	0.423	0.433	0.412	0.395	9.20
82)	TP	Isopropylbenzene		2.123	2.651	2.356	2.598	2.362	2.573	2.587	2.540	2.474	7.22
83)	S	4-Bromofluorobenzene	0.874	0.877	0.885	0.870	0.876	0.872	0.869	0.862	0.877	0.873	0.75
84)	TP	Bromobenzene		0.557	0.700	0.642	0.701	0.649	0.685	0.681	0.658	0.659	7.11
85)	TP	n-Propylbenzene		2.446	3.044	2.776	3.059	2.793	3.018	3.025	2.952	2.889	7.29

Initial Calibration Summary
Form 6
Volatiles

Client	**: Haley & Aldrich**	**Lab Number**	**: L2612196**
Project Name	**: 547 CONEY ISL./50 HINCKLEY**	**Project Number**	**: 0204391-001-003-02**
Instrument ID	**: VOA110**	**Ical Ref**	**: ICAL23128**
Calibration dates	**: 03/05/26 16:55 03/05/26 21:53**		

Calibration Files

L0 =V10260305A03.D L1 =V10260305A05.D L1.5=V10260305A07.D L2 =V10260305A09.D L3 =V10260305A10.D

L4 =V10260305A11.D L6 =V10260305A12.D L7 =V10260305A13.D L8 =V10260305A14.D

	Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
86) TP	1,4-Dichlorobu		0.966	1.101	1.018	1.153	1.052	1.120	1.139	1.085	1.079	5.92
87) TP	1,1,2,2-Tetrachloroethane	1.031	0.717	0.740	0.727	0.785	0.706	0.742	0.753	0.712	0.768	13.19
88) TP	4-Ethyltoluene		2.140	2.651	2.395	2.615	2.407	2.592	2.577	2.511	2.486	6.77
89) TP	2-Chlorotoluene		1.603	1.927	1.727	1.874	1.677	1.796	1.786	1.720	1.764	5.93
90) TP	1,3,5-Trimethy		1.887	2.236	2.055	2.199	2.034	2.213	2.216	2.162	2.125	5.76
91) TP	1,2,3-Trichlor		0.522	0.560	0.554	0.599	0.541	0.589	0.604	0.567	0.567	5.07
92) TP	trans-1,4-Dich		0.258	0.263	0.252	0.271	0.246	0.260	0.270	0.250	0.259	3.49
93) TP	4-Chlorotoluene		1.654	1.992	1.794	1.920	1.771	1.886	1.874	1.810	1.838	5.64
94) TP	tert-Butylbenzene		1.634	2.016	1.776	2.013	1.820	1.996	1.986	1.946	1.898	7.38
97) TP	1,2,4-Trimethy		1.925	2.234	2.067	2.239	2.053	2.205	2.183	2.133	2.130	5.11
98) TP	sec-Butylbenzene		2.255	2.859	2.547	2.839	2.583	2.853	2.840	2.779	2.694	8.04
99) TP	p-Isopropyltol		2.111	2.658	2.348	2.650	2.397	2.644	2.625	2.559	2.499	7.89
100) TP	1,3-Dichlorobe		1.169	1.343	1.255	1.391	1.263	1.332	1.320	1.267	1.293	5.30
101) TP	1,4-Dichlorobe		1.257	1.398	1.292	1.422	1.274	1.348	1.334	1.279	1.325	4.57
102) TP	p-Diethylbenzene		1.380	1.567	1.445	1.622	1.480	1.608	1.596	1.556	1.532	5.69
103) TP	n-Butylbenzene		1.781	2.288	2.053	2.263	2.068	2.268	2.249	2.200	2.146	8.08
104) TP	1,2-Dichlorobe		1.118	1.270	1.212	1.338	1.220	1.281	1.266	1.210	1.239	5.26
105) TP	1,2,4,5-Tetram		2.219	2.537	2.334	2.572	2.380	2.522	2.500	2.436	2.438	4.92
106) TP	1,2-Dibromo-3-			0.136	0.139	0.159	0.144	0.150	0.157	0.144	0.147	6.02
107) TP	1,3,5-Trichlor		0.868	0.979	0.896	0.989	0.903	0.962	0.965	0.924	0.936	4.73
108) TP	Hexachlorobuta		0.298	0.409	0.383	0.411	0.389	0.428	0.434	0.428	0.398	11.15
109) TP	1,2,4-Trichlor		0.802	0.903	0.828	0.926	0.855	0.901	0.907	0.865	0.873	4.96
110) TP	Naphthalene		2.515	2.608	2.428	2.592	2.457	2.561	2.611	2.454	2.528	2.97
111) TP	1,2,3-Trichlor		0.850	0.845	0.781	0.862	0.805	0.843	0.854	0.820	0.832	3.34

Response Factor Report VOA126

Method Path : K:\VOA126\2026\260115ICAL\
Method File : V126_260115A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Jan 16 09:03:24 2026
Response Via : Initial Calibration

Calibration Files
L0 =V26260115A02.D L1 =V26260115A04.D L1.5=V26260115A06.D L2 =V26260115A08.D L3 =V26260115A09.D
L4 =V26260115A10.D L6 =V26260115A11.D L7 =V26260115A12.D L8 =V26260115A13.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
1)	I	Fluorobenzene	ISTD										
2)	TP	Dichlorodifluo...	0.208	0.331	0.336	0.305	0.316	0.292	0.269	0.275	0.292		14.25
3)	TP	Chlorodifluoro...	0.196	0.260	0.198	0.177	0.183	0.160	0.170	0.157	0.188		17.50
4)	TP	Chloromethane	0.261	0.345	0.343	0.299	0.309	0.288	0.281	0.287	0.302		9.84
5)	TP	Vinyl chloride	0.231	0.376	0.386	0.350	0.362	0.342	0.308	0.292	0.331		15.51
6)	TP	Bromomethane	0.207	0.265	0.249	0.199	0.204	0.194	0.191	0.187	0.212		13.65
7)	TP	Chloroethane	0.166	0.221	0.235	0.209	0.214	0.201	0.183	0.186	0.202		11.21
8)	TP	Trichlorofluor...	0.279	0.414	0.443	0.405	0.415	0.389	0.348	0.360	0.382		13.55
9)	TP	Ethyl ether	0.110	0.133	0.134	0.129	0.130	0.128	0.125	0.128	0.127		5.85
11)	TP	1,1-Dichloroet...	0.173	0.259	0.266	0.236	0.245	0.234	0.217	0.223	0.232		12.54
12)	TP	Carbon disulfide	0.621	0.935	0.923	0.827	0.847	0.810	0.763	0.780	0.813		12.20
13)	TP	Freon-113	0.159	0.242	0.267	0.239	0.244	0.236	0.214	0.232	0.229		13.92
14)	TP	Iodomethane			0.151	0.217	0.255	0.249	0.227	0.210	0.218		17.06
15)	TP	Acrolein	0.011	0.017	0.017	0.016	0.015	0.015	0.014	0.015	0.015		12.78
16)	TP	Allyl chloride	0.103	0.150	0.103	0.132	0.137	0.131	0.127	0.114	0.124		13.42
17)	TP	Methylene chlo...	0.390	0.342	0.309	0.263	0.264	0.252	0.242	0.243	0.288		18.64
19)	TP	Acetone		0.131	0.105	0.068	0.061	0.060	0.054	0.055	*L		0.9984
20)	TP	trans-1,2-Dich...	0.201	0.283	0.291	0.268	0.275	0.265	0.253	0.260	0.262		10.54
21)	TP	Methyl acetate	0.111	0.117	0.115	0.112	0.111	0.111	0.108	0.112	0.112		2.33
22)	TP	Hexane	0.261	0.381	0.239	0.347	0.353	0.314	0.358	0.342	0.324		15.34
23)	TP	Methyl tert-bu...	0.551	0.630	0.672	0.656	0.652	0.661	0.637	0.652	0.639		5.94
24)	TP	tert-Butyl alc...	0.019	0.022	0.023	0.021	0.021	0.021	0.019	0.020	0.021		6.21
25)	TP	Diisopropyl ether	0.619	0.740	0.813	0.772	0.787	0.793	0.757	0.758	0.755		7.89
26)	TP	1,1-Dichloroet...	0.395	0.517	0.539	0.490	0.499	0.487	0.464	0.471	0.483		8.91
27)	TP	Halothane	0.142	0.208	0.221	0.202	0.208	0.205	0.191	0.201	0.197		12.01
28)	TP	Acrylonitrile	0.046	0.065	0.070	0.065	0.062	0.063	0.060	0.062	0.062		11.07
29)	TP	Ethyl tert-but...	0.628	0.736	0.806	0.774	0.790	0.808	0.774	0.784	0.762		7.72
30)	TP	Vinyl acetate	0.342	0.388	0.406	0.401	0.408	0.413	0.396	0.403	0.395		5.75
31)	TP	cis-1,2-Dichlo...	0.239	0.308	0.324	0.287	0.292	0.292	0.279	0.284	0.288		8.60
32)	TP	2,2-Dichloropr...	0.295	0.421	0.444	0.402	0.409	0.403	0.380	0.396	0.394		11.20
33)	TP	Bromochloromet...	0.112	0.126	0.138	0.124	0.124	0.119	0.112	0.112	0.121		7.35

Method Path : K:\VOA126\2026\260115ICAL\
Method File : V126_260115A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Jan 16 09:03:24 2026
Response Via : Initial Calibration

Calibration Files
L0 =V26260115A02.D L1 =V26260115A04.D L1.5=V26260115A06.D L2 =V26260115A08.D L3 =V26260115A09.D
L4 =V26260115A10.D L6 =V26260115A11.D L7 =V26260115A12.D L8 =V26260115A13.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
34)	TP	Cyclohexane		0.309	0.461	0.528	0.453	0.469	0.460	0.424	0.464	0.446	13.96
35)	TP	Chloroform		0.503	0.550	0.562	0.483	0.486	0.482	0.456	0.462	0.498	7.79
36)	TP	Ethyl acetate		0.132	0.150	0.162	0.156	0.154	0.160	0.151	0.158	0.153	6.21
37)	TP	Carbon tetrach...		0.261	0.382	0.418	0.379	0.392	0.385	0.363	0.389	0.371	12.70
38)	TP	Tetrahydrofuran		0.052	0.051	0.055	0.049	0.048	0.048	0.046	0.048	0.050	5.99
39)	S	Dibromofluorom...	0.246	0.247	0.250	0.250	0.247	0.247	0.244	0.245	0.241	0.247	1.18
40)	TP	1,1,1-Trichlor...	0.334	0.305	0.433	0.468	0.420	0.432	0.423	0.399	0.417	0.404	12.78
42)	TP	2-Butanone			0.093	0.087	0.072	0.068	0.069	0.065	0.068	0.075	14.78
43)	TP	1,1-Dichloropr...	0.272	0.246	0.357	0.388	0.353	0.361	0.357	0.336	0.355	0.336	13.74
44)	TP	Heptane		0.159	0.246	0.164	0.230	0.235	0.209	0.239	0.232	0.214	15.94
45)	TP	Benzene	0.889	0.787	1.032	1.095	1.008	1.029	1.024	0.981	0.989	0.982	9.31
46)	TP	tert-Amyl meth...		0.537	0.619	0.694	0.654	0.664	0.683	0.657	0.673	0.648	7.70
47)	S	1,2-Dichloroet...	0.239	0.240	0.250	0.245	0.246	0.240	0.238	0.243	0.252	0.244	2.11
48)	TP	1,2-Dichloroet...		0.293	0.343	0.364	0.335	0.334	0.333	0.316	0.320	0.329	6.38
51)	TP	Methyl cyclohe...		0.276	0.411	0.509	0.439	0.452	0.455	0.426	0.474	0.430	16.09
52)	TP	Trichloroethene	0.230	0.214	0.287	0.309	0.280	0.291	0.294	0.279	0.290	0.275	11.47
54)	TP	Dibromomethane		0.122	0.146	0.158	0.142	0.144	0.143	0.136	0.142	0.142	7.16
55)	TP	1,2-Dichloropr...		0.212	0.267	0.296	0.269	0.276	0.281	0.267	0.272	0.268	9.14
57)	TP	2-Chloroethyl ...		0.092	0.110	0.120	0.112	0.109	0.105	0.094	0.097	0.105	9.38
58)	TP	Bromodichlorom...	0.320	0.298	0.356	0.388	0.363	0.376	0.383	0.363	0.368	0.357	8.32
60)	TP	Methyl methacr...		0.115	0.134	0.109	0.134	0.123	0.123	0.121	0.123	0.123	6.96
61)	TP	1,4-Dioxane		0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001#	10.46
62)	TP	cis-1,3-Dichlo...	0.352	0.314	0.393	0.425	0.408	0.425	0.440	0.417	0.421	0.399	10.24
63)	I	Chlorobenzene-d5	----------ISTD----------										
64)	TP	Octane		0.217	0.336	0.240	0.329	0.341	0.314	0.368	0.365	0.314	17.79
65)	S	Toluene-d8	1.292	1.293	1.286	1.296	1.295	1.295	1.310	1.323	1.328	1.302	1.13
66)	TP	Toluene		0.694	0.873	0.980	0.846	0.881	0.900	0.867	0.904	0.868	9.32
67)	TP	4-Methyl-2-pen...		0.067	0.082	0.091	0.093	0.093	0.097	0.093	0.101	0.089	11.83
68)	TP	Tetrachloroethene	0.344	0.291	0.393	0.439	0.381	0.389	0.393	0.375	0.409	0.379	11.02
69)	TP	2-Nitropropane		0.062	0.060	0.051	0.059	0.053	0.051	0.052	0.055	0.055	8.12
71)	TP	trans-1,3-Dich...		0.334	0.397	0.457	0.437	0.463	0.487	0.470	0.492	0.442	12.02

Response Factor Report VOA126

Method Path : K:\VOA126\2026\260115ICAL\
Method File : V126_260115A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Jan 16 09:03:24 2026
Response Via : Initial Calibration

Calibration Files
L0 =V26260115A02.D L1 =V26260115A04.D L1.5=V26260115A06.D L2 =V26260115A08.D L3 =V26260115A09.D
L4 =V26260115A10.D L6 =V26260115A11.D L7 =V26260115A12.D L8 =V26260115A13.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
72)	TP	Methyl isothio...		0.137	0.157	0.131	0.164	0.151	0.156	0.161	0.171	0.153	8.87
74)	TP	Ethyl methacry...		0.281	0.329	0.369	0.355	0.365	0.379	0.366	0.387	0.354	9.70
75)	TP	1,1,2-Trichlor...		0.168	0.210	0.228	0.211	0.221	0.228	0.220	0.233	0.215	9.58
76)	TP	Chlorodibromom...	0.284	0.265	0.293	0.344	0.324	0.344	0.359	0.350	0.368	0.326	11.24
77)	TP	1,3-Dichloropr...		0.352	0.414	0.467	0.432	0.443	0.458	0.444	0.467	0.435	8.72
78)	TP	1,2-Dibromoethane	0.202	0.197	0.229	0.263	0.250	0.255	0.267	0.257	0.272	0.243	11.33
79)	TP	n-Butyl Acetate		0.336	0.414	0.350	0.413	0.379	0.373	0.367	0.370	0.375	7.27
80)	TP	2-Hexanone		0.127	0.136	0.163	0.155	0.153	0.157	0.147	0.156	0.149	7.94
81)	TP	Nonane		0.409	0.637	0.451	0.622	0.653	0.601	0.686	0.661	0.590	17.36
82)	TP	Chlorobenzene	0.853	0.801	0.973	1.113	0.950	0.981	0.997	0.948	0.965	0.953	9.24
83)	TP	Ethylbenzene		1.330	1.676	1.967	1.658	1.706	1.714	1.590	1.600	1.655	10.63
84)	TP	1,1,1,2-Tetrac...	0.286	0.267	0.317	0.374	0.338	0.354	0.367	0.354	0.365	0.336	11.29
85)	TP	p/m Xylene	0.576	0.517	0.643	0.768	0.639	0.659	0.667	0.626	0.638	0.637	10.69
86)	TP	o Xylene	0.533	0.500	0.614	0.734	0.613	0.638	0.647	0.608	0.613	0.611	10.90
87)	TP	Styrene	0.886	0.818	0.993	1.204	1.034	1.077	1.076	0.992		1.010	11.83
88)	I	1,4-Dichlorobenzene-d4	----------	ISTD	----------								
89)	TP	Bromoform		0.311	0.345	0.408	0.395	0.413	0.439	0.412	0.428	0.394	11.07
91)	TP	Isopropylbenzene		2.470	3.173	4.012	3.340	3.415	3.475	3.104	3.127	3.265	13.28
92)	S	4-Bromofluorob...	0.976	0.981	0.980	0.997	1.001	0.978	0.978	0.931	0.924	0.972	2.73
93)	TP	Bromobenzene		0.677	0.769	0.944	0.793	0.806	0.813	0.745	0.755	0.788	9.69
94)	TP	Decane		0.879	1.452	1.083	1.444	1.509	1.400	1.514	1.413	1.337	17.18
95)	TP	n-Propylbenzene		2.863	3.747	4.735	3.890	3.936	3.962	3.511		3.806	14.74
96)	TP	1,4-Dichlorobu...		0.774	0.896	1.034	0.939	0.934	0.933	0.850	0.864	0.903	8.53
97)	TP	1,1,2,2-Tetrac...	0.553	0.528	0.575	0.691	0.627	0.628	0.629	0.579	0.601	0.601	8.09
98)	TP	4-Ethyltoluene		2.396	2.998	3.862	3.167	3.222	3.249	2.959	3.008	3.108	13.08
99)	TP	2-Chlorotoluene		2.082	2.470	3.079	2.521	2.562	2.584	2.362	2.379	2.505	11.25
100)	TP	1,3,5-Trimethy...		2.037	2.534	3.267	2.690	2.735	2.774	2.560	2.605	2.650	12.79
101)	TP	1,2,3-Trichlor...		0.407	0.443	0.502	0.451	0.447	0.445	0.403	0.419	0.439	7.16
102)	TP	trans-1,4-Dich...		0.162	0.180	0.214	0.192	0.195	0.196	0.178	0.183	0.187	8.18
103)	TP	4-Chlorotoluene		1.983	2.357	2.924	2.341	2.366	2.378	2.180	2.210	2.342	11.57
104)	TP	tert-Butylbenzene		1.675	2.228	2.801	2.310	2.375	2.391	2.228	2.338	2.293	13.46

Response Factor Report VOA126

Method Path : K:\VOA126\2026\260115ICAL\
Method File : V126_260115A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Jan 16 09:03:24 2026
Response Via : Initial Calibration

Calibration Files
L0 =V26260115A02.D L1 =V26260115A04.D L1.5=V26260115A06.D L2 =V26260115A08.D L3 =V26260115A09.D
L4 =V26260115A10.D L6 =V26260115A11.D L7 =V26260115A12.D L8 =V26260115A13.D

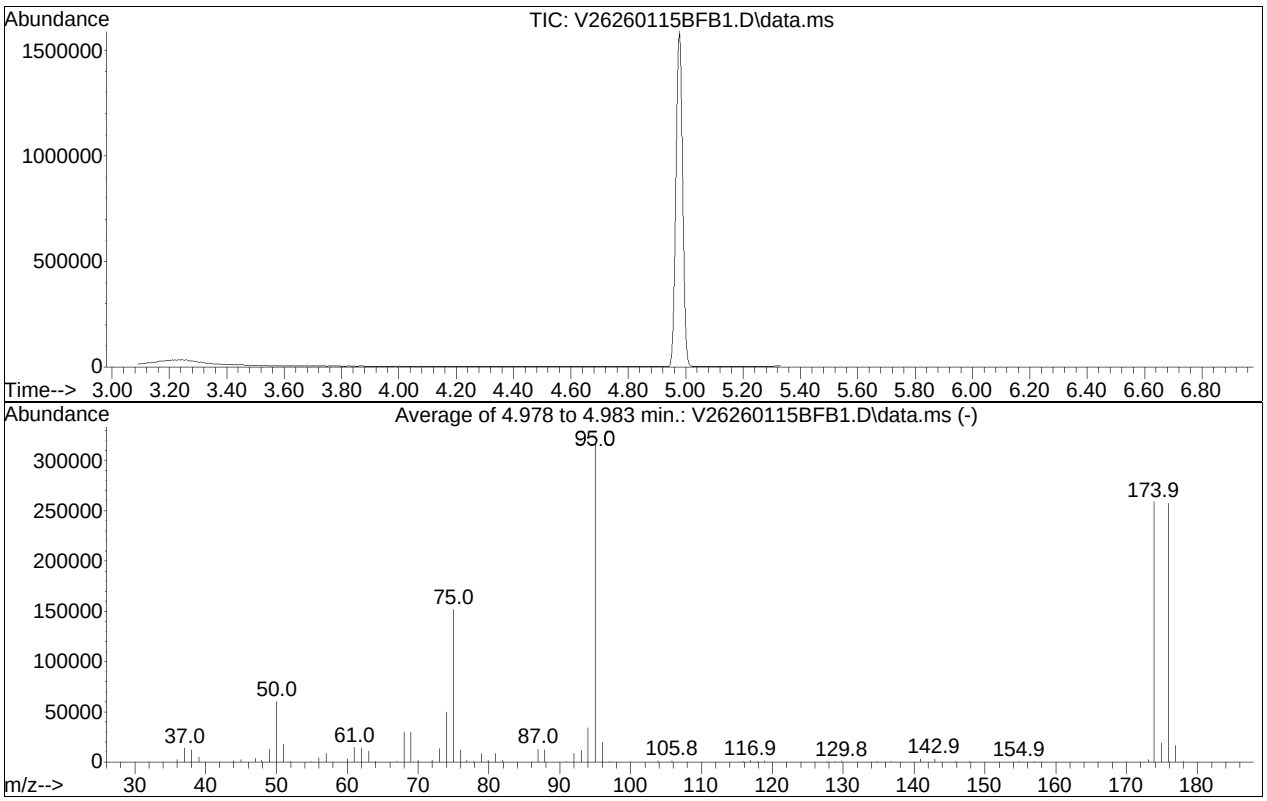
	Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
107)	TP 1,2,4-Trimethy...	1.976	2.423	3.168	2.599	2.649	2.706	2.518	2.547	2.573		12.82
108)	TP Limonene	0.551	0.843	0.620	0.847	0.858	0.810	0.872	0.842	0.780		15.77
109)	TP sec-Butylbenzene	2.374	3.244	4.119	3.445	3.517	3.560	3.274	3.382	3.364		14.39
110)	TP p-Isopropyltol...	2.011	2.754	3.517	2.918	3.000	3.086	2.850	2.920	2.882		14.59
111)	TP 1,3-Dichlorobe...	1.250	1.390	1.764	1.469	1.496	1.534	1.449	1.478	1.479		9.78
112)	TP 1,4-Dichlorobe...	1.264	1.441	1.787	1.448	1.475	1.510	1.434	1.462	1.478		9.80
113)	TP trans-Decahydr...	0.497	0.815	0.552	0.779	0.808	0.744	0.844	0.823	0.733		18.13
114)	TP Undecane	0.871	1.389	1.088	1.434	1.472	1.356	1.325	1.123	1.257		16.61
115)	TP p-Diethylbenzene	1.239	1.628	2.115	1.749	1.809	1.890	1.744	1.793	1.746		14.26
116)	TP n-Butylbenzene	2.265	3.118	3.906	3.264	3.325	3.440	3.157	3.237	3.214		14.19
117)	TP Hexachloroethane	0.399	0.543	0.423	0.545	0.558	0.566	0.589	0.577	0.525		13.77
118)	TP 1,2-Dichlorobe...	1.097	1.241	1.568	1.312	1.332	1.372	1.314	1.347	1.323		9.94
119)	TP cis-Decahydron...	0.379	0.616	0.413	0.593	0.618	0.579	0.644	0.628	0.559		18.37
120)	TP 1,2,4,5-Tetram...	1.833	2.212	3.018	2.533	2.643	2.810	2.589	2.601	2.530		14.36
121)	TP 1,2-Dibromo-3-...	0.061	0.071	0.085	0.084	0.086	0.091	0.088	0.095	0.083		13.41
122)	TP 1,3,5-Trichlor...	0.828	0.946	1.280	1.018	1.041	1.115	1.041	1.072	1.043		12.48
123)	TP Nitrobenzene			0.020	0.024	0.024	0.028	0.030	0.034	0.027		19.14
124)	TP Hexachlorobuta...	0.371	0.475	0.571	0.508	0.528	0.552	0.509	0.549	0.508		12.44
125)	TP 1,2,4-Trichlor...	0.739	0.793	1.062	0.863	0.874	0.929	0.864	0.874	0.875		10.88
126)	TP Naphthalene	1.323	1.414	1.844	1.589	1.595	1.659	1.529	1.565	1.565		9.98
127)	TP 1,2,3-Trichlor...	0.648	0.681	0.906	0.736	0.744	0.777	0.699	0.693	0.735		10.87

(#) = Out of Range

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115BFB1.D
Acq On : 15 Jan 2026 04:42 pm
Operator : VOA126:JFI
Sample : WG2165877-1
Misc : WG2165877,ICAL
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Jan 16 09:03:24 2026



Spectrum Information: Average of 4.978 to 4.983 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.0	60469	PASS
75	95	30	60	47.9	152064	PASS
95	95	100	100	100.0	317781	PASS
96	95	5	9	6.2	19861	PASS
173	174	0.00	2	0.9	2447	PASS
174	95	50	100	81.6	259328	PASS
175	174	5	9	7.3	18947	PASS
176	174	95	101	99.2	257280	PASS
177	176	5	9	6.5	16814	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A02.D
Acq On : 15 Jan 2026 05:51 pm
Operator : VOA126:JIC
Sample : I8260STD0.5PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 16 08:28:43 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	11.268	96	1052180	20.000 ug/L	0.00
Standard Area 1 = 1049446			Recovery	= 100.26%	
63) Chlorobenzene-d5	17.941	117	827854	20.000 ug/L	0.00
Standard Area 1 = 824443			Recovery	= 100.41%	
88) 1,4-Dichlorobenzene-d4	23.588	152	415236	20.000 ug/L	0.00
Standard Area 1 = 407086			Recovery	= 102.00%	
System Monitoring Compounds					
39) Dibromofluoromethane	9.642	113	258944	19.911 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 99.56%	
47) 1,2-Dichloroethane-d4	10.635	65	251528	19.933 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 99.67%	
65) Toluene-d8	14.592	98	1069229	19.940 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 99.70%	
92) 4-Bromofluorobenzene	20.771	95	405135	19.959 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 99.80%	
Target Compounds					Qvalue
40) 1,1,1-Trichloroethane	9.990	97	8795M1	0.387 ug/L	
43) 1,1-Dichloropropene	10.305	75	7161	0.377 ug/L #	73
45) Benzene	10.833	78	23376	0.432 ug/L #	68
52) Trichloroethene	12.073	95	6038	0.395 ug/L	97
58) Bromodichloromethane	12.938	83	8429	0.426 ug/L #	97
62) cis-1,3-Dichloropropene	14.095	75	9263	0.414 ug/L	98
68) Tetrachloroethene	16.176	166	7126	0.443 ug/L	98
76) Chlorodibromomethane	16.639	129	5883	0.413 ug/L #	64
78) 1,2-Dibromoethane	17.082	107	4191	0.397 ug/L	91
82) Chlorobenzene	18.027	112	17650	0.434 ug/L	95
84) 1,1,1,2-Tetrachloroethane	18.139	131	5922M1	0.404 ug/L	
85) p/m Xylene	18.334	106	23823	0.873 ug/L	91
86) o Xylene	19.338	106	22048	0.836 ug/L	82
87) Styrene	19.427	104	36663	0.823 ug/L	96
97) 1,1,2,2-Tetrachloroethane	20.615	83	5742	0.440 ug/L #	69

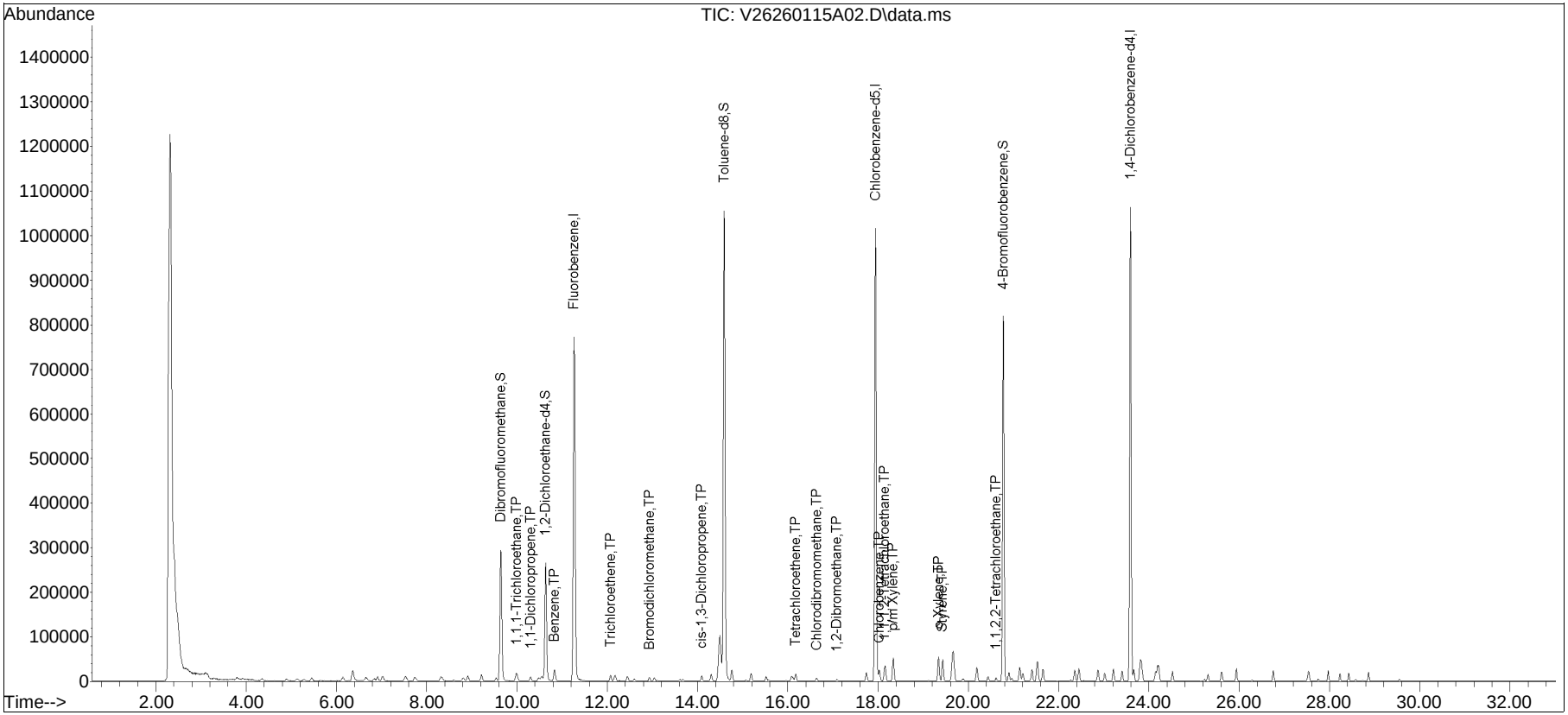
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A02.D
Acq On : 15 Jan 2026 05:51 pm
Operator : VOA126:JIC
Sample : I8260STD0.5PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 16 08:28:43 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

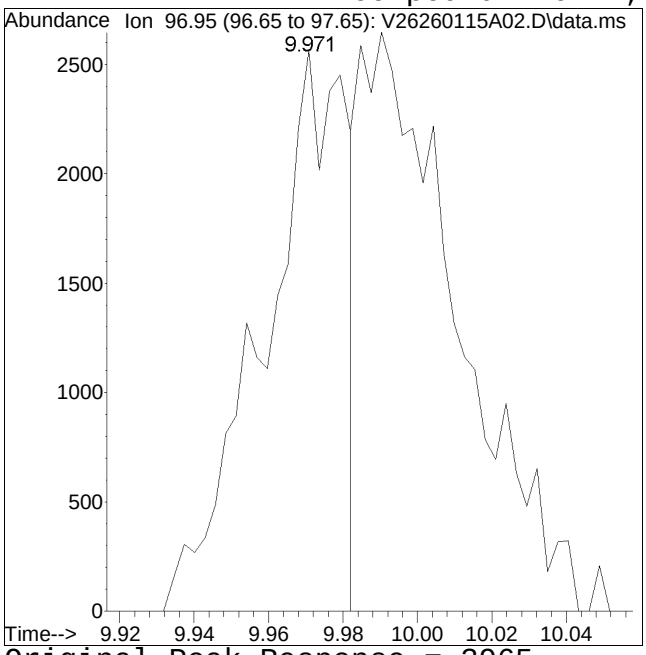
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH5A10.D•

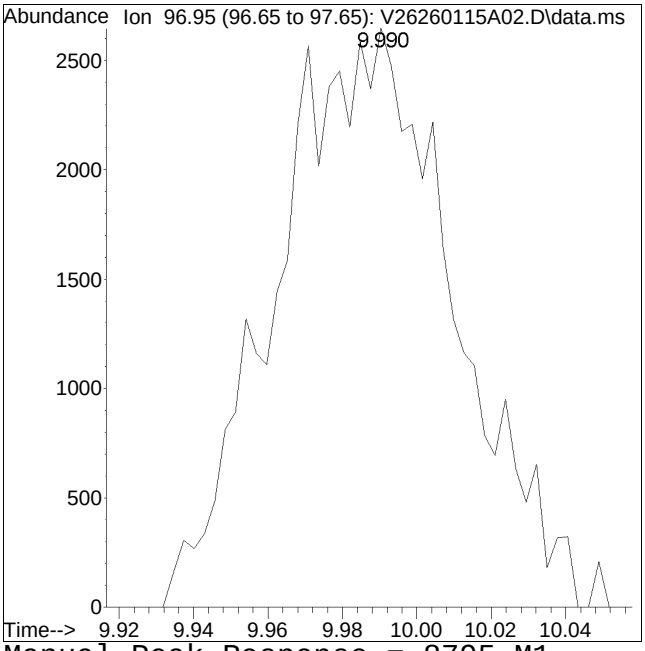


Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A02.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 5:51 pm Instrument : VOA126
Sample : I8260STD0.5PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #40: 1,1,1-Trichloroethane



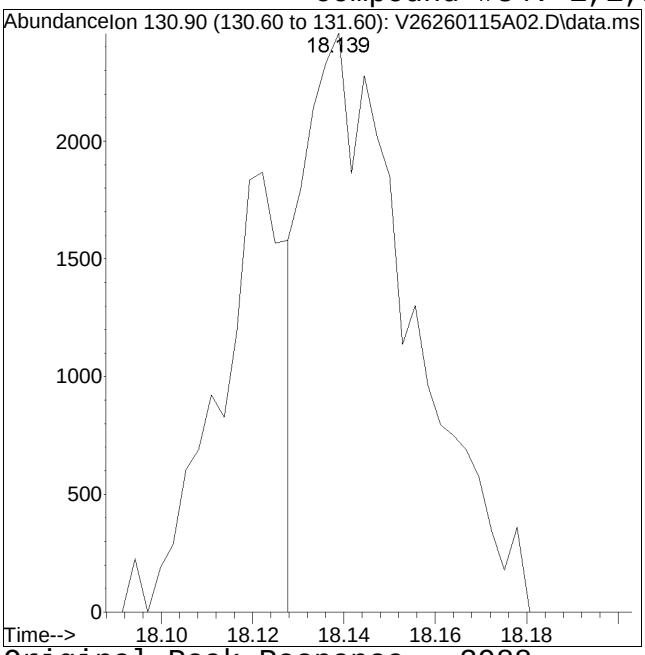


Original Peak Response = 3965 Manual Peak Response = 8795 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

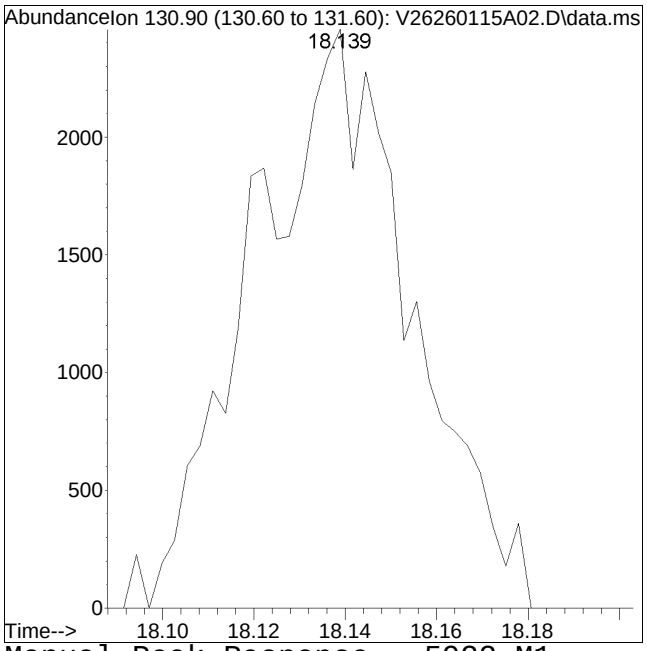
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A02.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 5:51 pm Instrument : VOA126
Sample : I8260STD0.5PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #84: 1,1,1,2-Tetrachloroethane



Original Peak Response = 3988



Manual Peak Response = 5922 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A04.D
Acq On : 15 Jan 2026 07:08 pm
Operator : VOA126:JIC
Sample : I8260STD1.0PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 16 08:32:42 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	11.271	96	1028636	20.000	ug/L	0.00
Standard Area 1 = 1049446			Recovery = 98.02%			
63) Chlorobenzene-d5	17.947	117	814373	20.000	ug/L	0.00
Standard Area 1 = 824443			Recovery = 98.78%			
88) 1,4-Dichlorobenzene-d4	23.591	152	405695	20.000	ug/L	0.00
Standard Area 1 = 407086			Recovery = 99.66%			
System Monitoring Compounds						
39) Dibromofluoromethane	9.645	113	254431	20.012	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.06%			
47) 1,2-Dichloroethane-d4	10.638	65	246987	20.022	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.11%			
65) Toluene-d8	14.592	98	1052598	19.955	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.77%			
92) 4-Bromofluorobenzene	20.774	95	398128	20.075	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.37%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.589	85	10694M1	0.658	ug/L	
3) Chlorodifluoromethane	2.620	51	10078M1	1.072	ug/L	
4) Chloromethane	3.036	50	13447M1	0.847	ug/L	
5) Vinyl chloride	3.105	62	11884M1	0.639	ug/L	
6) Bromomethane	3.794	94	10629M1	1.012	ug/L	
7) Chloroethane	3.922	64	8524M1	0.775	ug/L	
8) Trichlorofluoromethane	4.357	101	14359M1	0.673	ug/L	
9) Ethyl ether	4.893	74	5682M1	0.851	ug/L	
11) 1,1-Dichloroethene	5.442	96	8894	0.706	ug/L #	92
12) Carbon disulfide	6.349	76	31937	0.733	ug/L	92
13) Freon-113	5.133	101	8165M1	0.650	ug/L	
14) Iodomethane	6.031	142	4716M1	0.359	ug/L	
15) Acrolein	5.130	56	584M1	0.750	ug/L	
16) Allyl chloride	6.153	76	5300	0.754	ug/L	95
17) Methylene chloride	6.365	84	20043M1	1.476	ug/L	
19) Acetone	5.278	43	9844M1	3.147	ug/L	
20) trans-1,2-Dichloroethene	6.917	96	10329M1	0.730	ug/L	
21) Methyl acetate	6.112	43	5724	1.002	ug/L #	62
22) Hexane	7.021	57	13430	0.739	ug/L #	71
23) Methyl tert-butyl ether	6.661	73	28333M1	0.845	ug/L	
24) tert-Butyl alcohol	5.663	59	4973M1	4.631	ug/L	

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A04.D
Acq On : 15 Jan 2026 07:08 pm
Operator : VOA126:JIC
Sample : I8260STD1.0PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 16 08:32:42 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Diisopropyl ether	7.525	45	31830	0.787	ug/L	#	81
26) 1,1-Dichloroethane	7.729	63	20312	0.791	ug/L		99
27) Halothane	6.837	117	7312M1	0.684	ug/L		
28) Acrylonitrile	6.625	53	2389M1	0.745	ug/L		
29) Ethyl tert-butyl ether	8.326	59	32288	0.795	ug/L		91
30) Vinyl acetate	7.757	43	17573	0.837	ug/L	#	87
31) cis-1,2-Dichloroethene	8.914	96	12274M1	0.817	ug/L		
32) 2,2-Dichloropropane	8.814	77	15164	0.722	ug/L	#	29
33) Bromochloromethane	9.539	128	5782M1	0.910	ug/L		
34) Cyclohexane	9.993	56	15918	0.660	ug/L		100
35) Chloroform	9.213	83	25874	1.035	ug/L	#	92
36) Ethyl acetate	8.923	43	6778	0.856	ug/L	#	82
37) Carbon tetrachloride	10.476	117	13409	0.664	ug/L	#	25
38) Tetrahydrofuran	9.650	42	2657M1	1.087	ug/L		
40) 1,1,1-Trichloroethane	9.993	97	15684M1	0.706	ug/L		
42) 2-Butanone	8.585	43	5675M1	1.616	ug/L		
43) 1,1-Dichloropropene	10.295	75	12635	0.680	ug/L	#	71
44) Heptane	10.621	71	8203	0.680	ug/L	#	76
45) Benzene	10.833	78	40485	0.765	ug/L		98
46) tert-Amyl methyl ether	10.548	73	27623	0.809	ug/L	#	63
48) 1,2-Dichloroethane	10.824	62	15047	0.876	ug/L		97
51) Methyl cyclohexane	12.166	83	14174	0.610	ug/L	#	56
52) Trichloroethene	12.074	95	11008	0.737	ug/L	#	82
54) Dibromomethane	13.044	93	6270	0.848	ug/L	#	74
55) 1,2-Dichloropropane	12.447	63	10893	0.767	ug/L		98
57) 2-Chloroethyl vinyl ether	13.608	63	4724	0.844	ug/L	#	78
58) Bromodichloromethane	12.941	83	15303	0.792	ug/L	#	92
60) Methyl methacrylate	12.601	69	5929	0.935	ug/L	#	92
61) 1,4-Dioxane	13.011	88	2361M1	30.819	ug/L		
62) cis-1,3-Dichloropropene	14.093	75	16149	0.739	ug/L		99
64) Octane	14.302	85	8849	0.637	ug/L		95
66) Toluene	14.765	92	28251	0.787	ug/L		99
67) 4-Methyl-2-pentanone	13.666	58	2720M1	0.722	ug/L		
68) Tetrachloroethene	16.179	166	11839	0.748	ug/L	#	80
69) 2-Nitropropane	13.092	41	2533M1	1.182	ug/L		
71) trans-1,3-Dichloropropene	15.183	75	13586	0.721	ug/L		90
72) Methyl isothiocyanate	15.077	73	5562	0.903	ug/L	#	93
74) Ethyl methacrylate	15.186	69	11436M1	0.769	ug/L		
75) 1,1,2-Trichloroethane	15.523	83	6844	0.762	ug/L		94
76) Chlorodibromomethane	16.639	129	10772	0.769	ug/L		92

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A04.D
Acq On : 15 Jan 2026 07:08 pm
Operator : VOA126:JIC
Sample : I8260STD1.0PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 16 08:32:42 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
77) 1,3-Dichloropropane	16.081	76	14334	0.795	ug/L		97
78) 1,2-Dibromoethane	17.085	107	8032	0.773	ug/L		95
79) n-Butyl Acetate	16.109	43	13693	0.887	ug/L	#	80
80) 2-Hexanone	15.571	43	5191	0.833	ug/L	#	93
81) Nonane	17.740	57	16667	0.627	ug/L	#	87
82) Chlorobenzene	18.030	112	32602	0.816	ug/L		99
83) Ethylbenzene	18.161	91	54151	0.780	ug/L		96
84) 1,1,1,2-Tetrachloroethane	18.134	131	10879	0.754	ug/L		99
85) p/m Xylene	18.334	106	42064	1.567	ug/L		90
86) o Xylene	19.338	106	40759	1.570	ug/L		87
87) Styrene	19.430	104	66613	1.519	ug/L		98
89) Bromoform	20.192	173	6311	0.754	ug/L		100
91) Isopropylbenzene	20.186	105	50104	0.723	ug/L		96
93) Bromobenzene	21.201	156	13737	0.840	ug/L		99
94) Decane	20.900	57	17832	0.583	ug/L	#	85
95) n-Propylbenzene	21.134	91	58077	0.727	ug/L		96
96) 1,4-Dichlorobutane	20.440	55	15691	0.828	ug/L		94
97) 1,1,2,2-Tetrachloroethane	20.615	83	10718	0.841	ug/L		97
98) 4-Ethyltoluene	21.410	105	48607	0.744	ug/L		96
99) 2-Chlorotoluene	21.536	91	42240	0.813	ug/L		95
100) 1,3,5-Trimethylbenzene	21.516	105	41323	0.745	ug/L		98
101) 1,2,3-Trichloropropane	20.967	75	8257	0.912	ug/L	#	79
102) trans-1,4-Dichloro-2-b...	21.143	53	3291	0.832	ug/L	#	75
103) 4-Chlorotoluene	21.653	91	40224	0.838	ug/L		95
104) tert-Butylbenzene	22.353	119	33973	0.705	ug/L		99
107) 1,2,4-Trimethylbenzene	22.448	105	40073	0.746	ug/L		96
108) Limonene	23.017	68	11171	0.642	ug/L		98
109) sec-Butylbenzene	22.872	105	48160	0.675	ug/L		97
110) p-Isopropyltoluene	23.212	119	40790	0.670	ug/L		99
111) 1,3-Dichlorobenzene	23.401	146	25347	0.836	ug/L		99
112) 1,4-Dichlorobenzene	23.666	146	25631	0.856	ug/L		99
113) trans-Decahydronaphtha...	24.146	138	10083	0.615	ug/L	#	81
114) Undecane	23.803	57	17660	0.591	ug/L	#	96
115) p-Diethylbenzene	24.218	119	25133	0.685	ug/L		98
116) n-Butylbenzene	24.193	91	45955	0.681	ug/L		96
117) Hexachloroethane	25.309	117	8087	0.714	ug/L		94
118) 1,2-Dichlorobenzene	24.522	146	22261	0.824	ug/L		99
119) cis-Decahydronaphthalene	25.610	138	7694	0.614	ug/L		95
120) 1,2,4,5-Tetramethylben...	25.936	119	37184	0.694	ug/L		96
121) 1,2-Dibromo-3-chloropr...	26.282	155	1240	0.715	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A04.D
Acq On : 15 Jan 2026 07:08 pm
Operator : VOA126:JIC
Sample : I8260STD1.0PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 16 08:32:42 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
122) 1,3,5-Trichlorobenzene	26.753	180	16786	0.795	ug/L	99
123) Nitrobenzene	0.000		0	N.D.	d	
124) Hexachlorobutadiene	28.234	225	7524	0.702	ug/L	96
125) 1,2,4-Trichlorobenzene	27.972	180	15000	0.846	ug/L	96
126) Naphthalene	28.424	128	26843	0.830	ug/L	100
127) 1,2,3-Trichlorobenzene	28.864	180	13140	0.870	ug/L	98

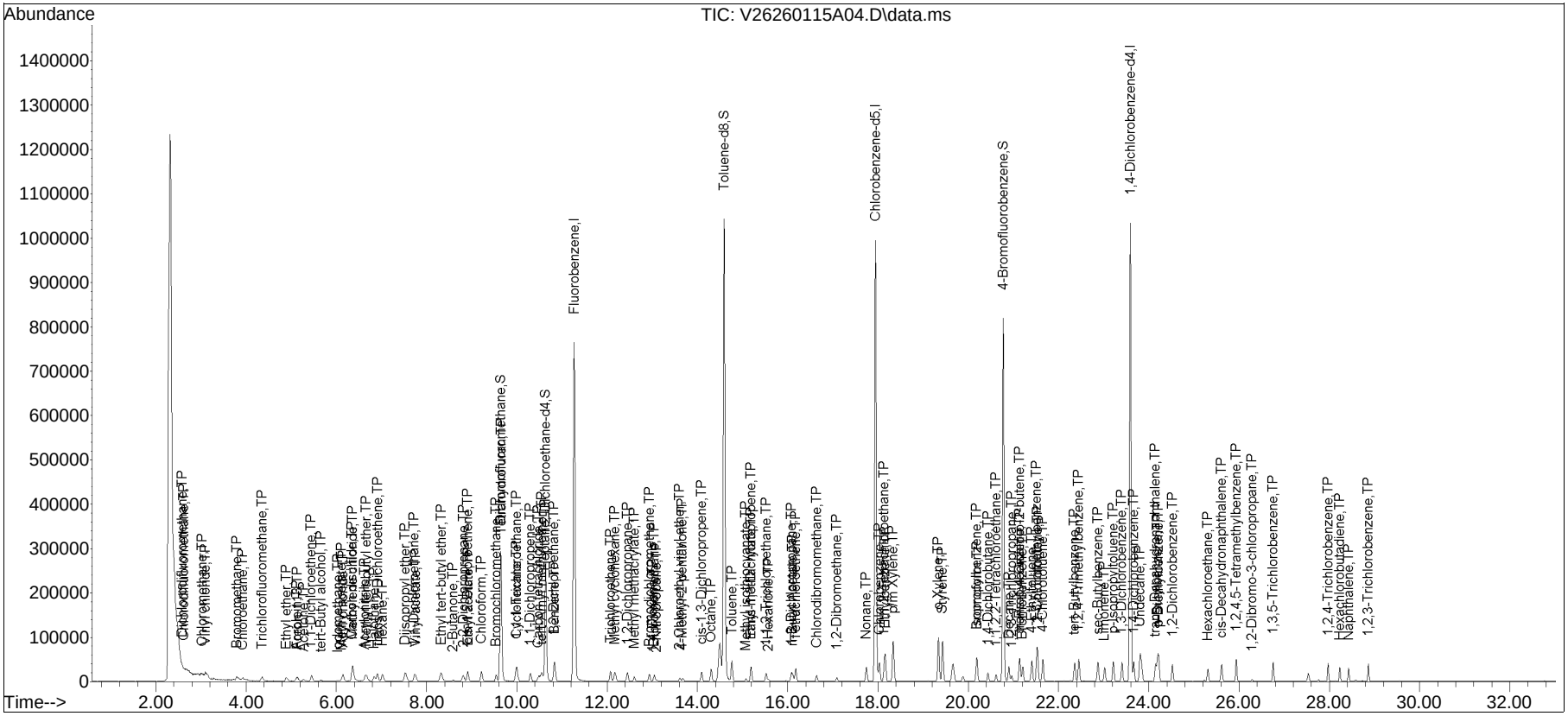
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A04.D
Acq On : 15 Jan 2026 07:08 pm
Operator : VOA126:JIC
Sample : I8260STD1.0PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 16 08:32:42 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

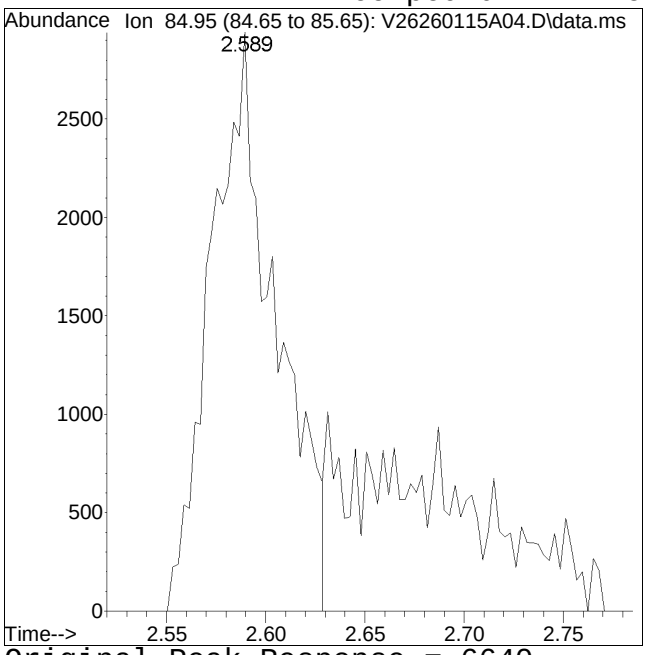
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk0.D•

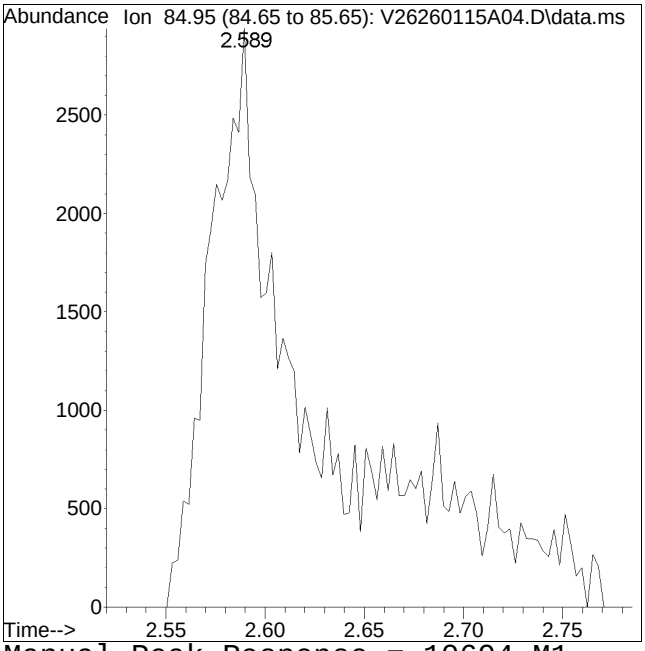


Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #2: Dichlorodifluoromethane



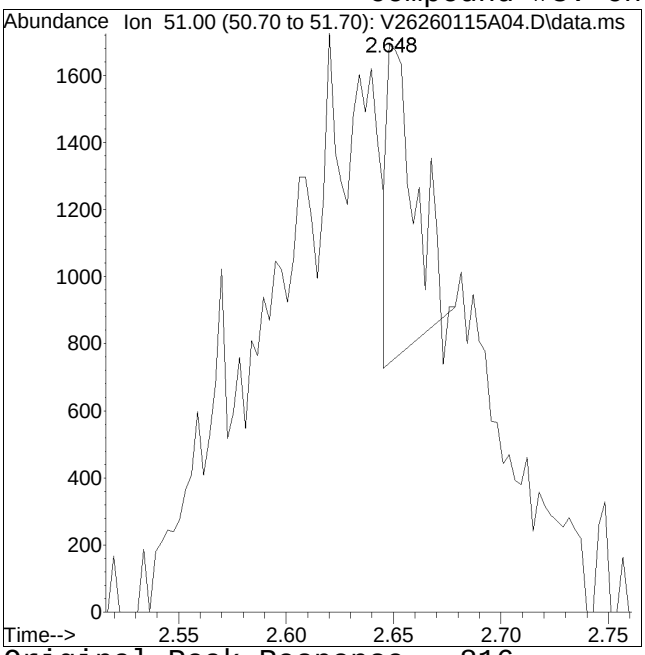


Original Peak Response = 6640 Manual Peak Response = 10694 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

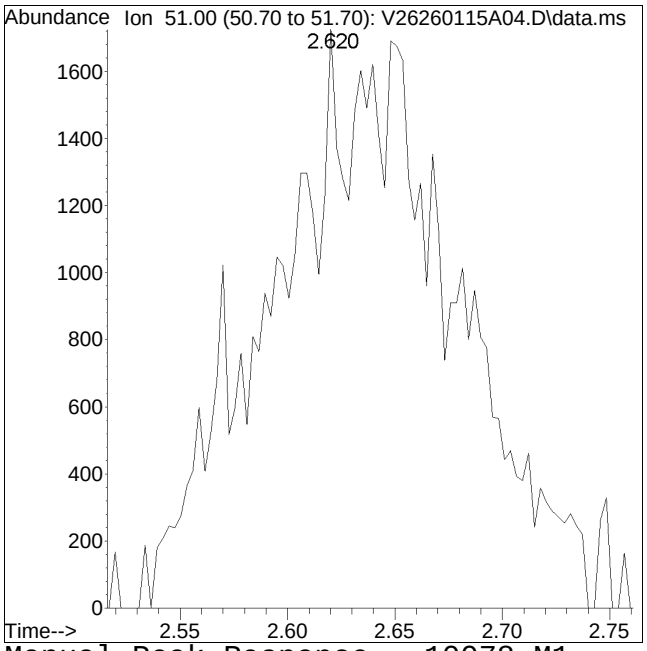
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #3: Chlorodifluoromethane



Original Peak Response = 816



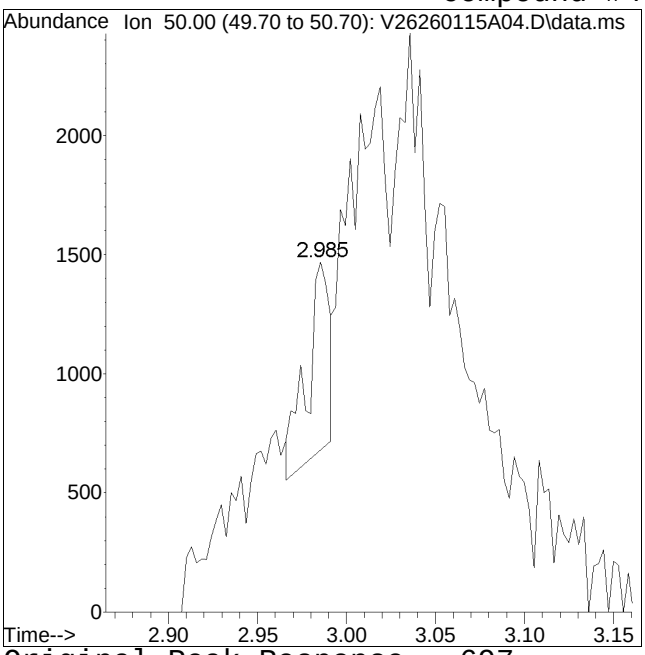
Manual Peak Response = 10078 M1

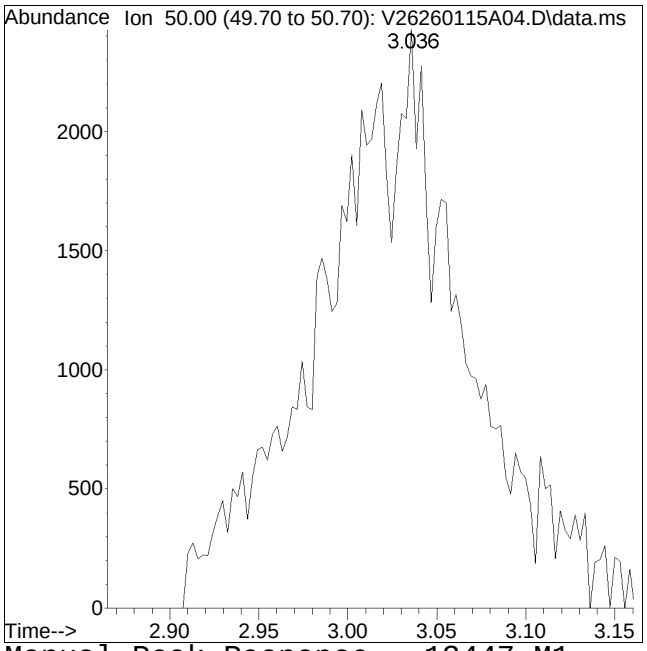
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #4: Chloromethane



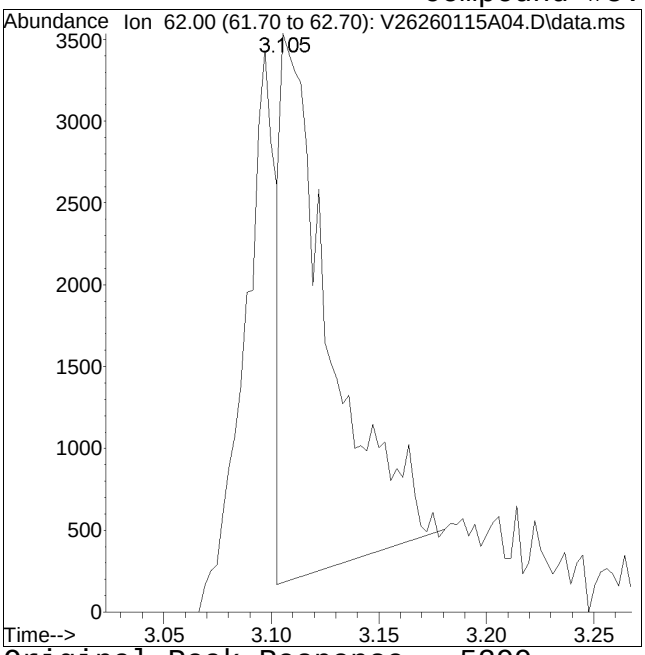


Original Peak Response = 697 Manual Peak Response = 13447 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

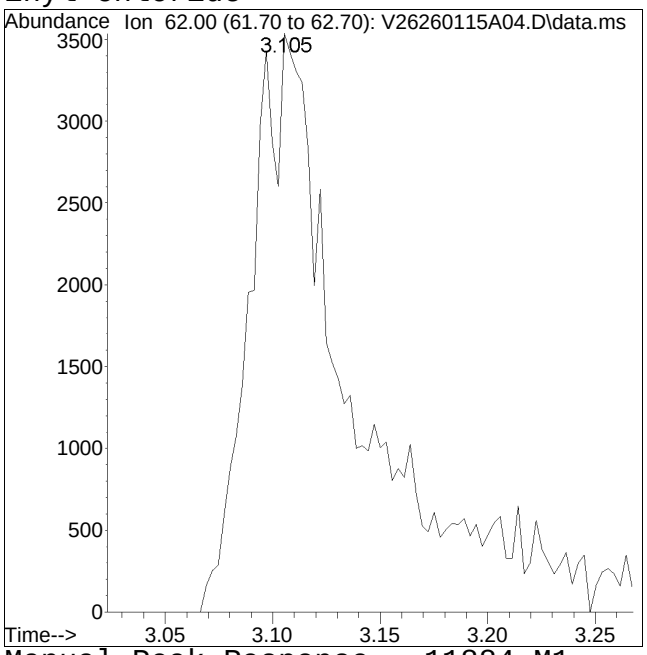
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #5: Vinyl chloride



Original Peak Response = 5299



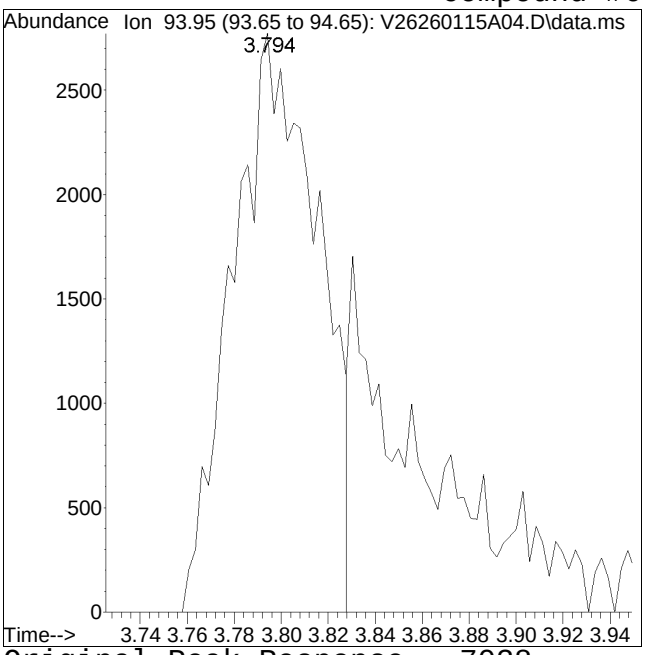
Manual Peak Response = 11884 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

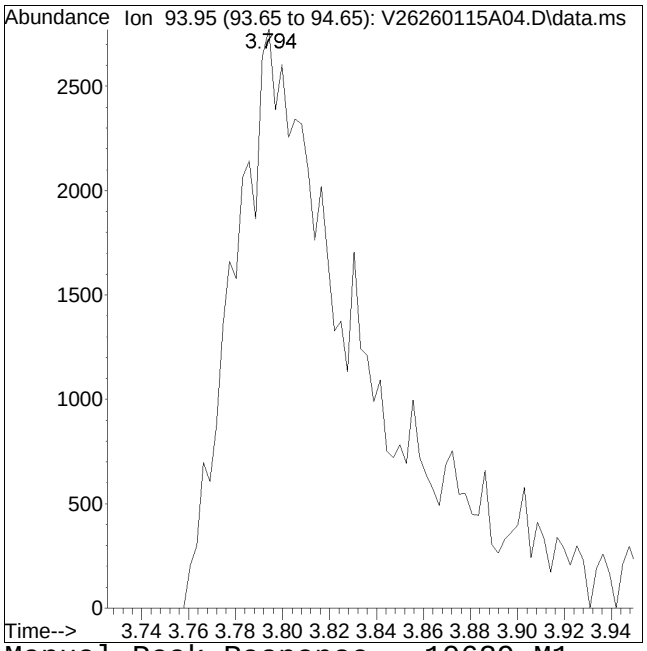
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #6: Bromomethane



Original Peak Response = 7038



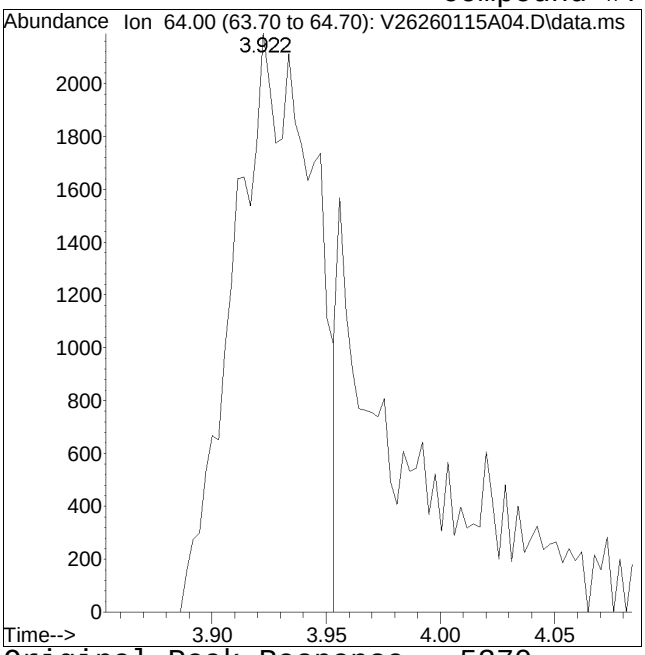
Manual Peak Response = 10629 M1

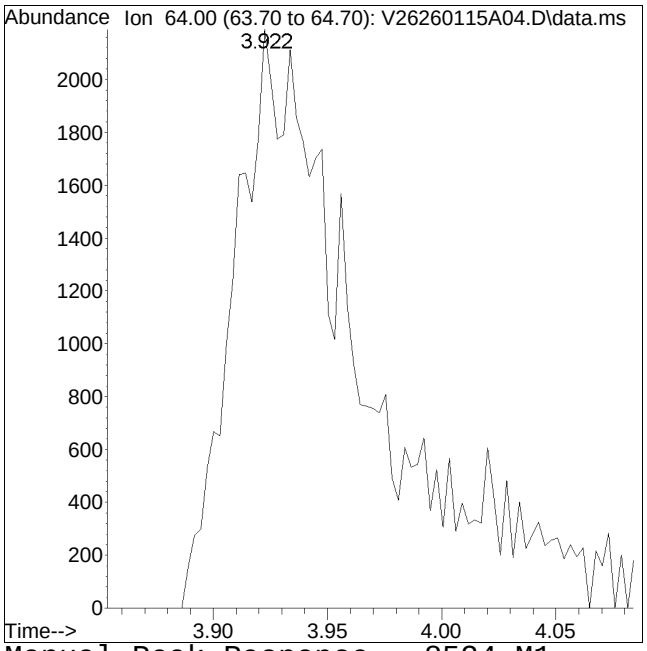
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #7: Chloroethane



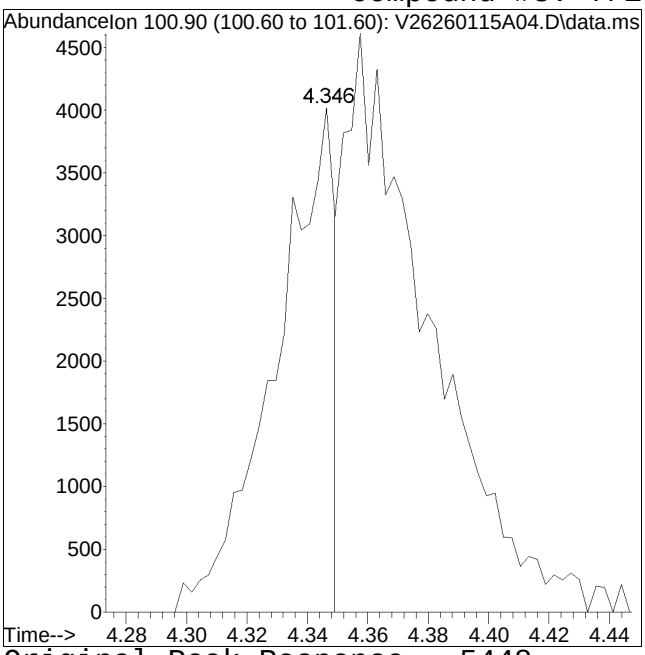


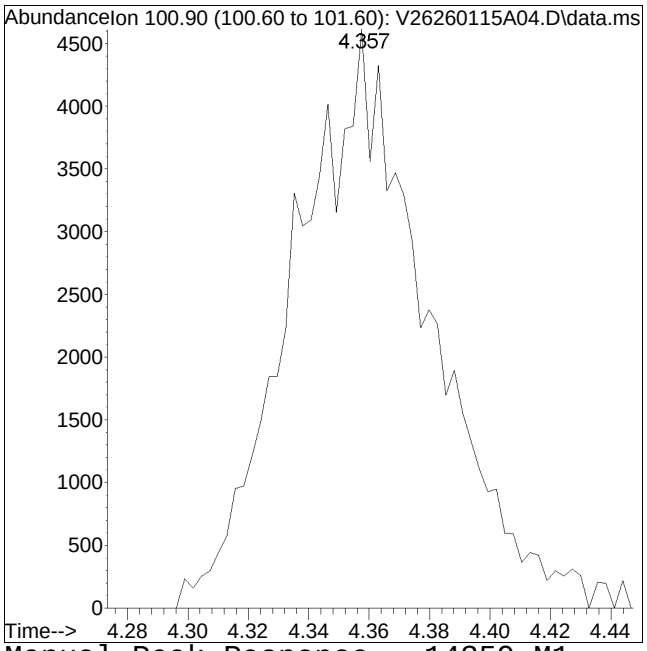
Original Peak Response = 5370 Manual Peak Response = 8524 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #8: Trichlorofluoromethane



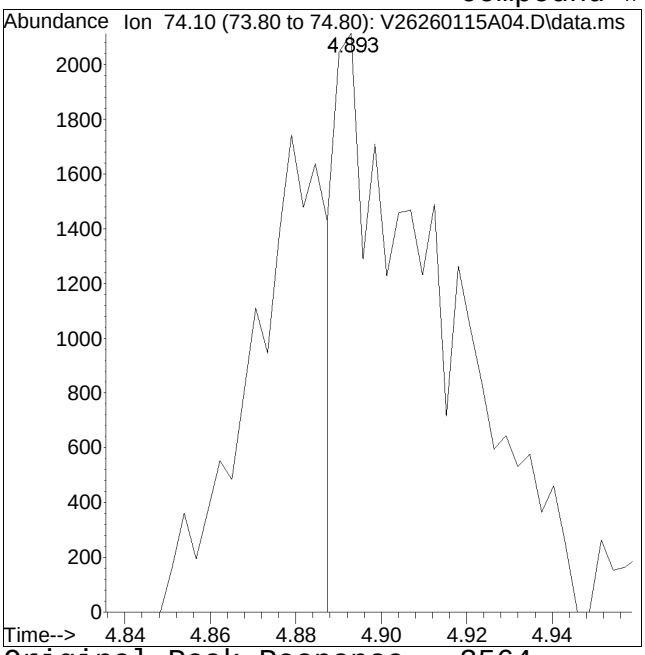


Original Peak Response = 5448 Manual Peak Response = 14359 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

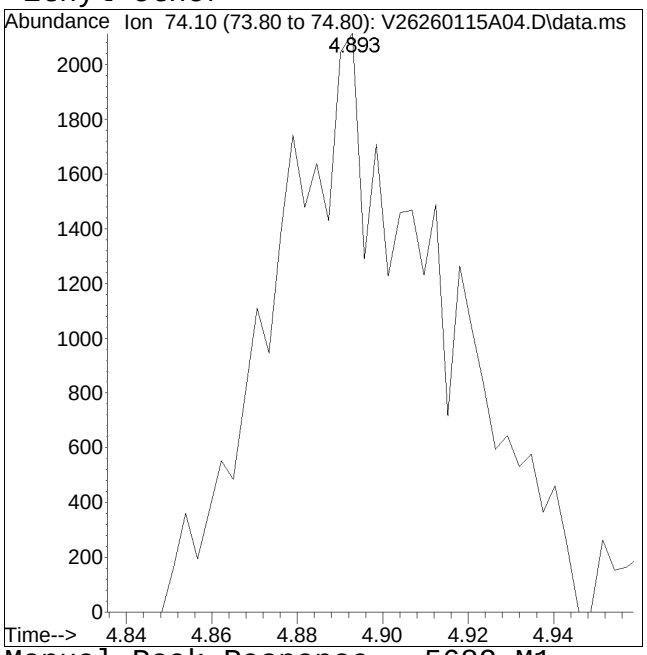
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #9: Ethyl ether



Original Peak Response = 3564



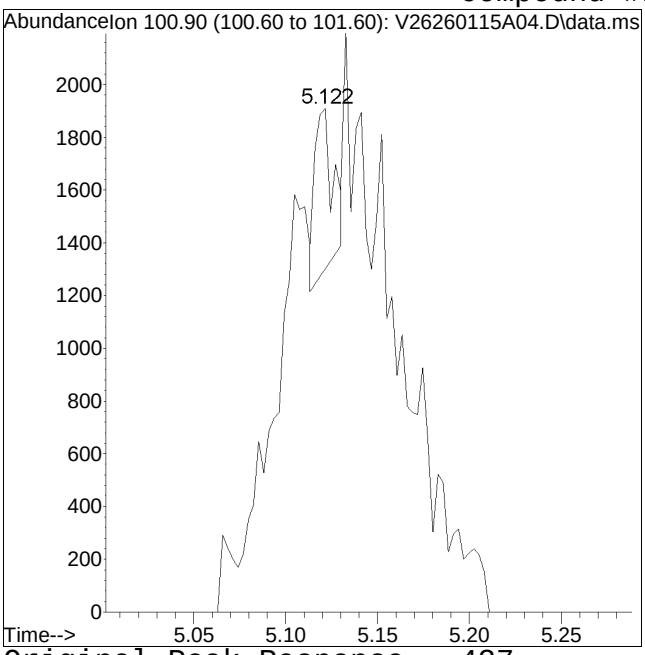
Manual Peak Response = 5682 M1

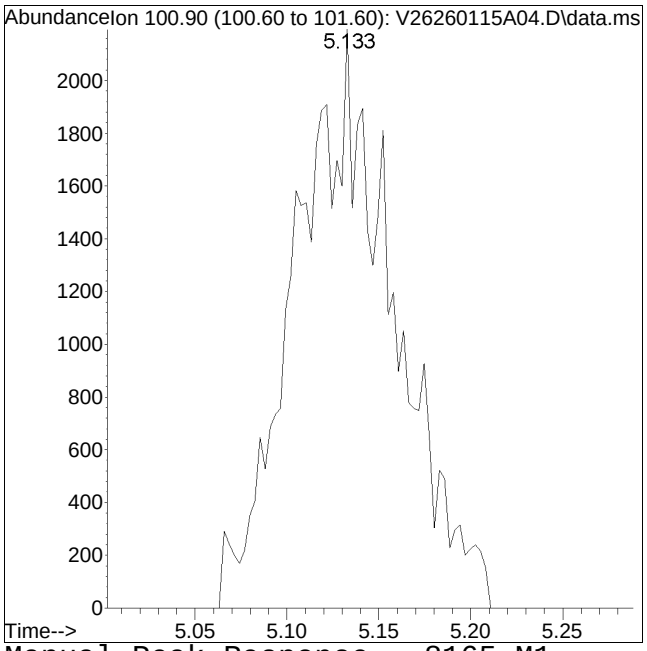
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #13: Freon-113





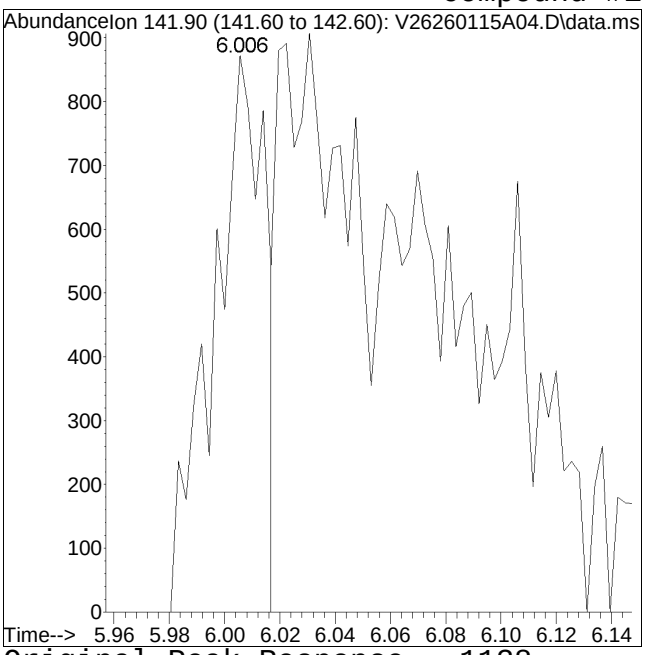
Original Peak Response = 427 Manual Peak Response = 8165 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

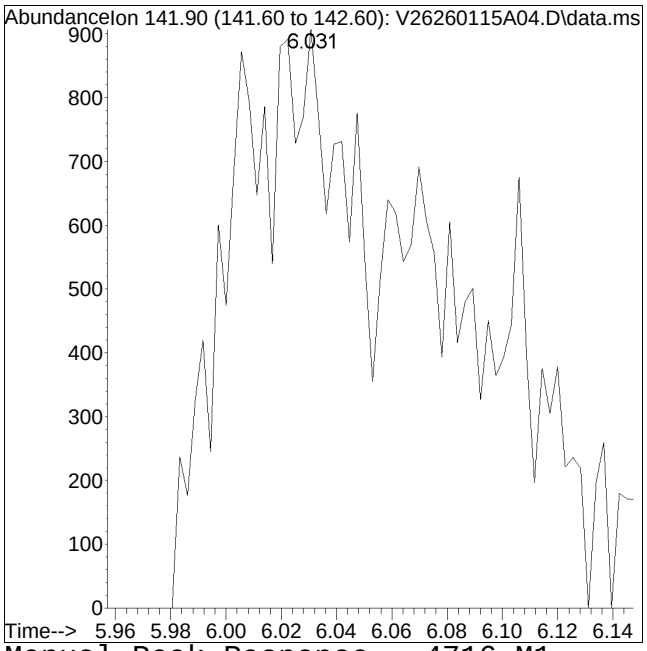
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #14: Iodomethane



Original Peak Response = 1138



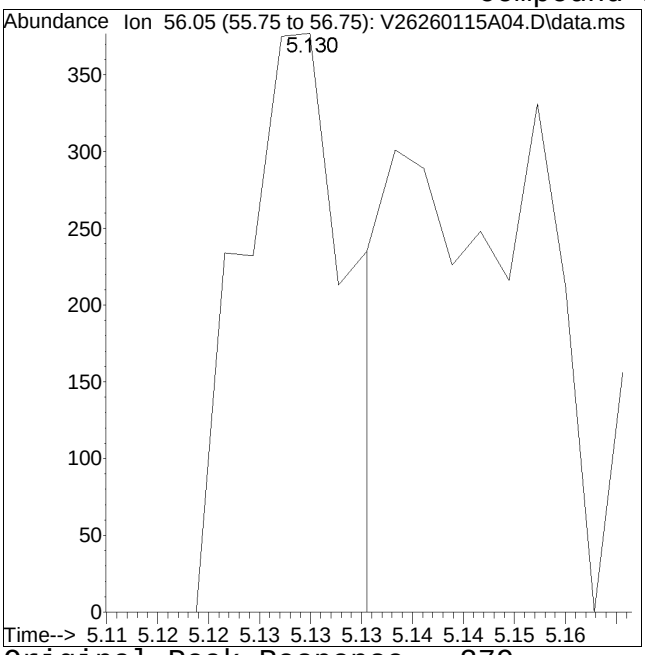
Manual Peak Response = 4716 M1

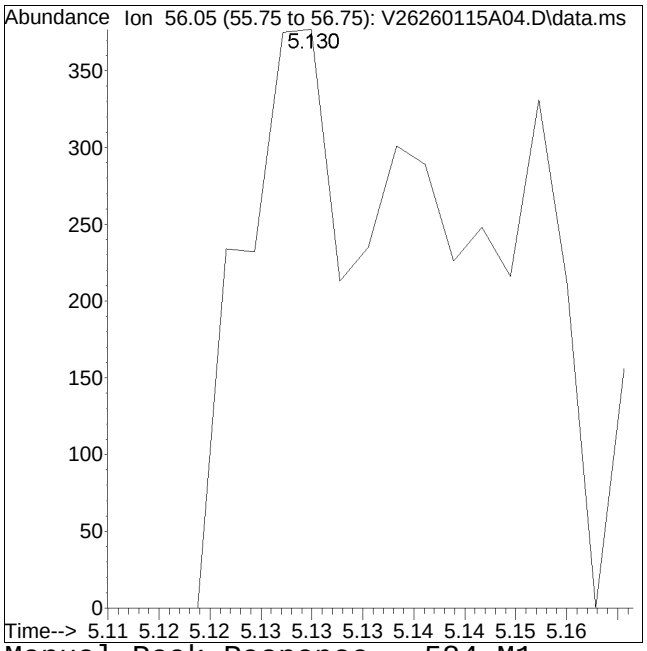
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #15: Acrolein



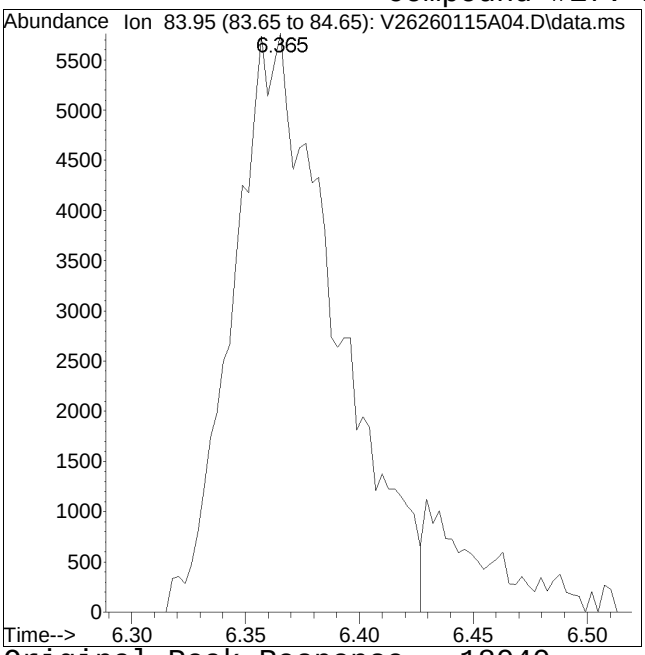


Original Peak Response = 279 Manual Peak Response = 584 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

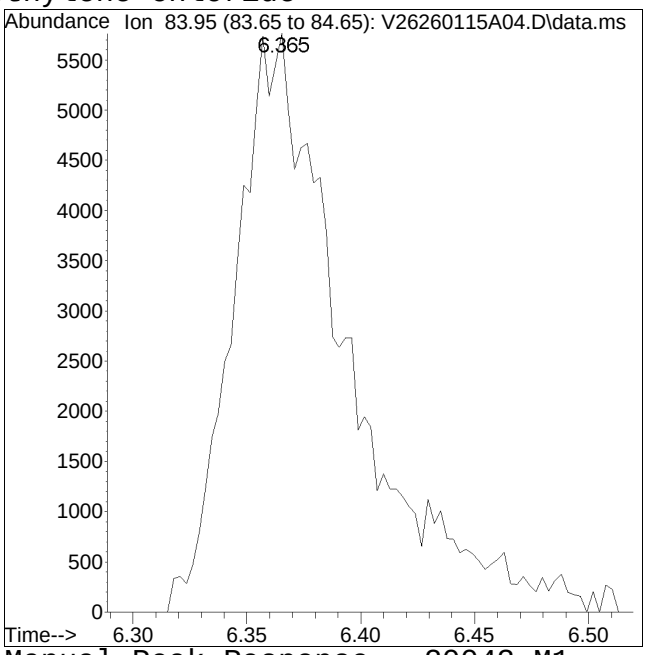
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #17: Methylene chloride



Original Peak Response = 18040



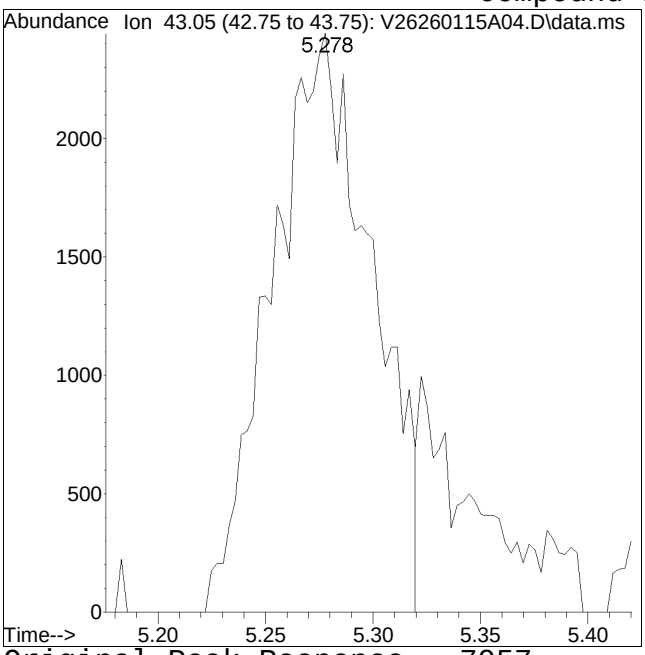
Manual Peak Response = 20043 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

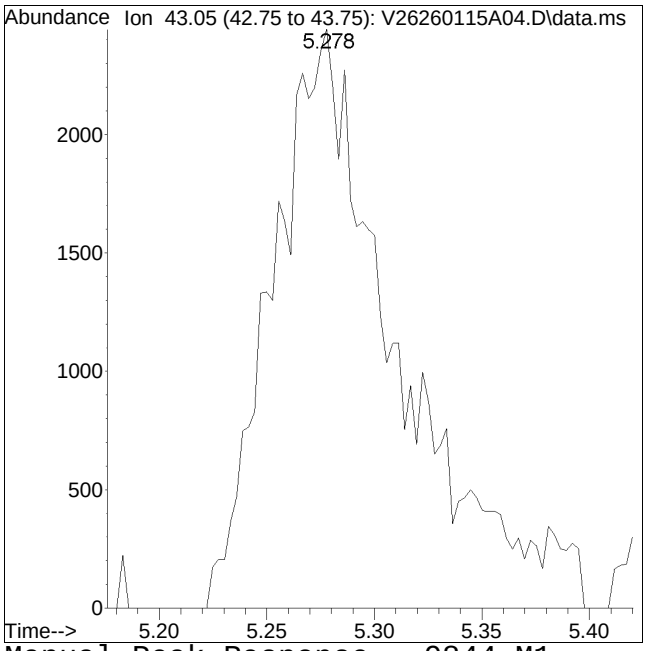
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #19: Acetone



Original Peak Response = 7957



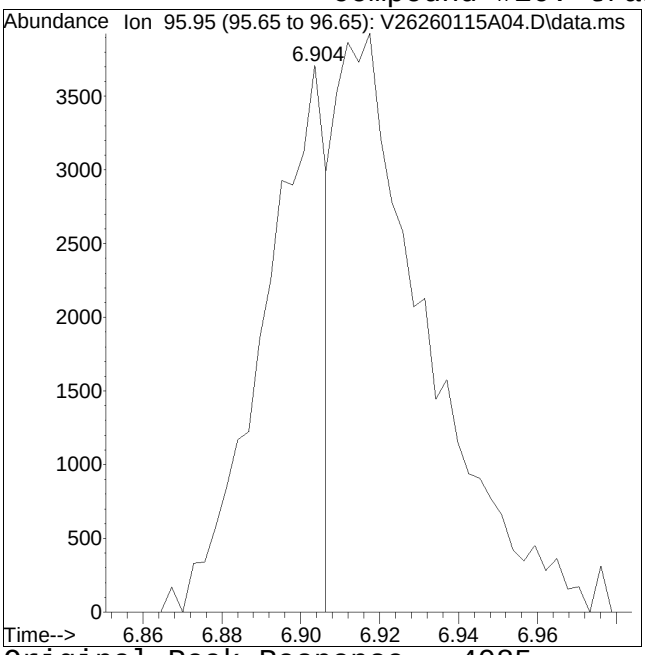
Manual Peak Response = 9844 M1

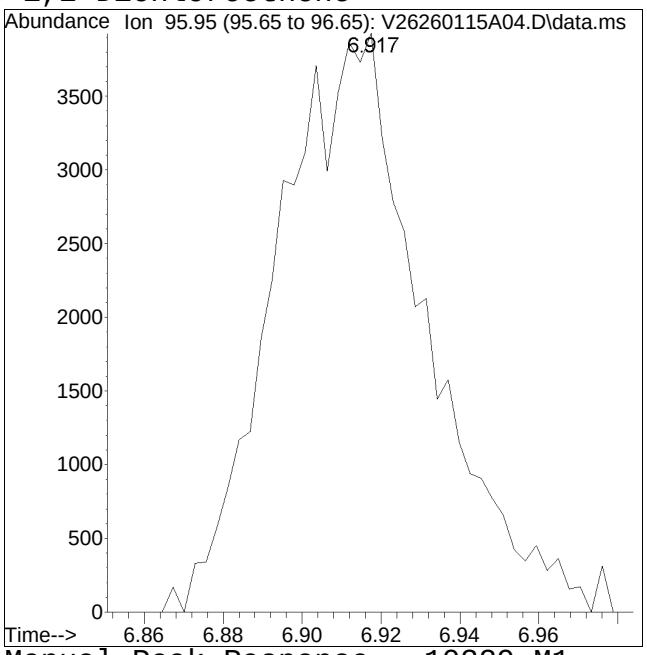
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #20: trans-1,2-Dichloroethene



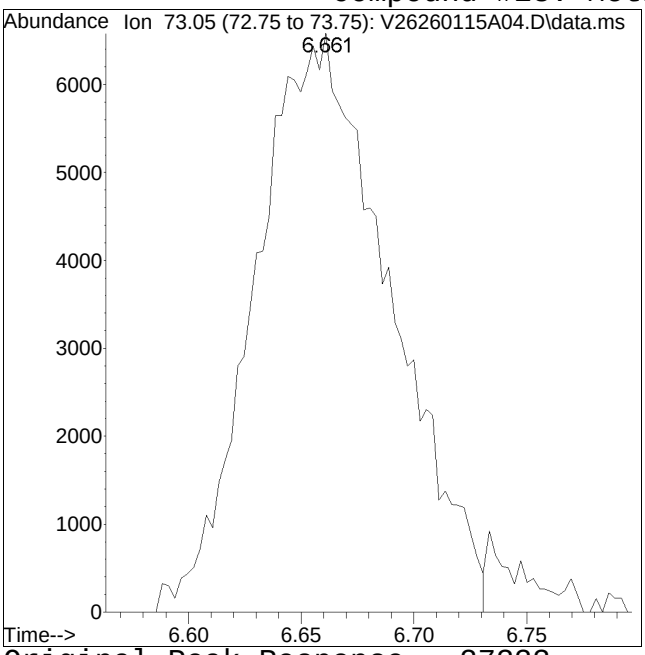


Original Peak Response = 4085 Manual Peak Response = 10329 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

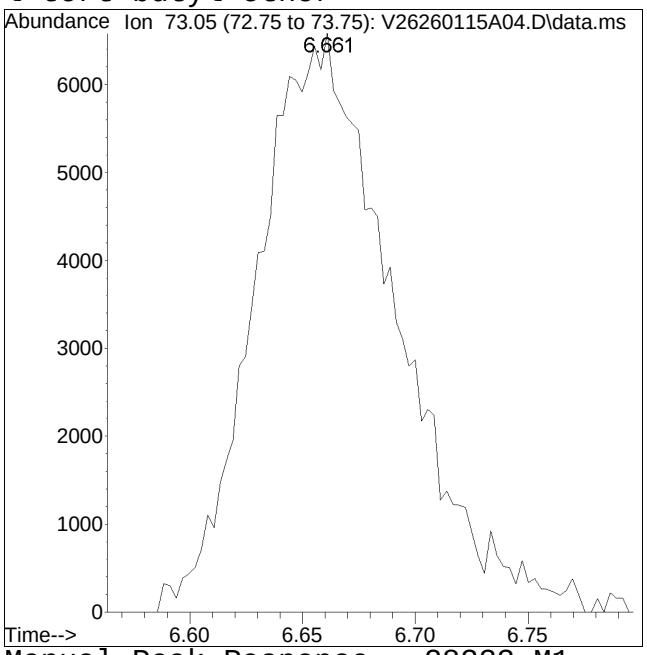
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #23: Methyl tert-butyl ether



Original Peak Response = 27333



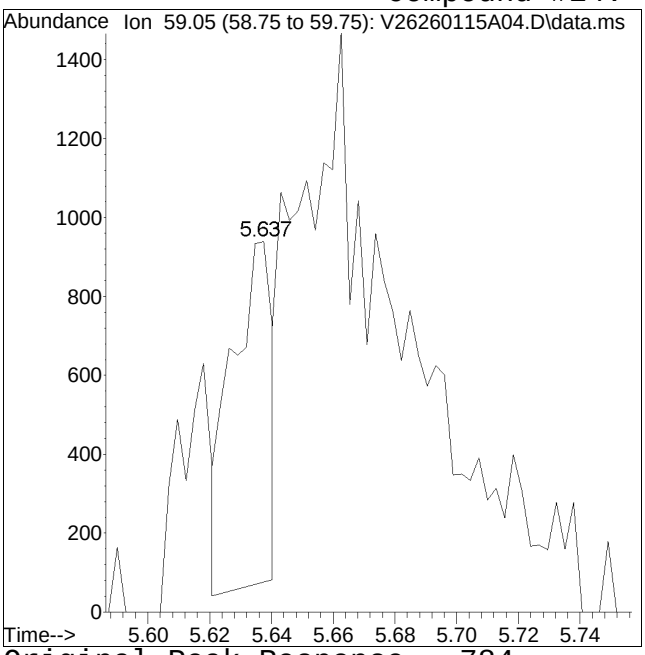
Manual Peak Response = 28333 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

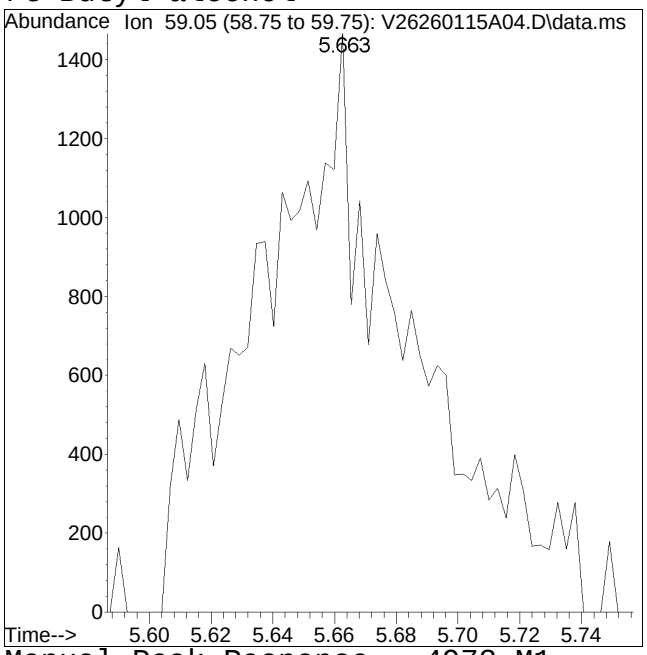
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #24: tert-Butyl alcohol



Original Peak Response = 784



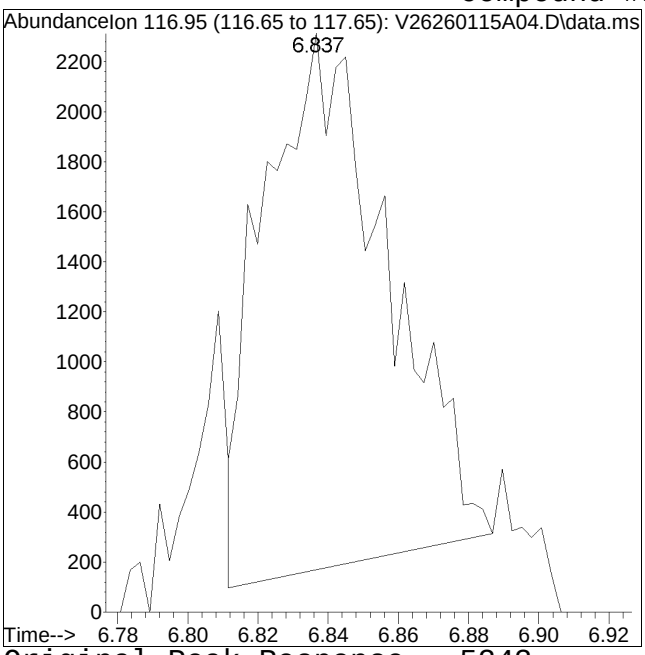
Manual Peak Response = 4973 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

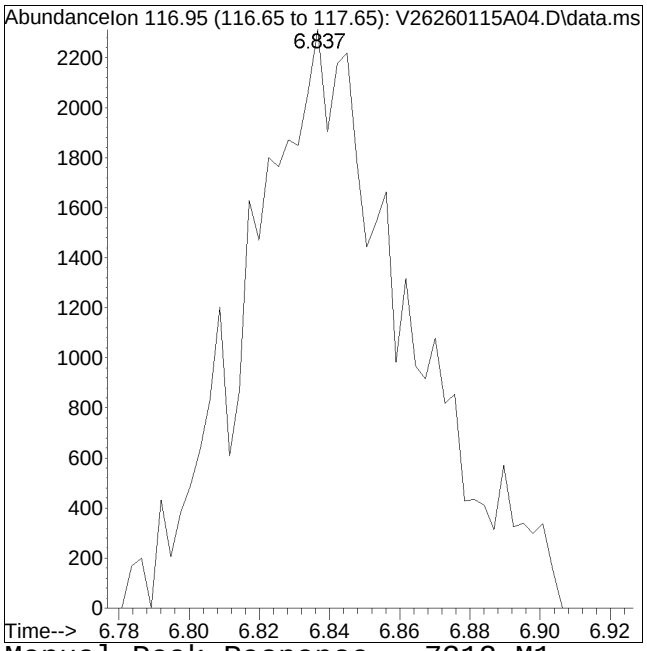
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #27: Halothane



Original Peak Response = 5243



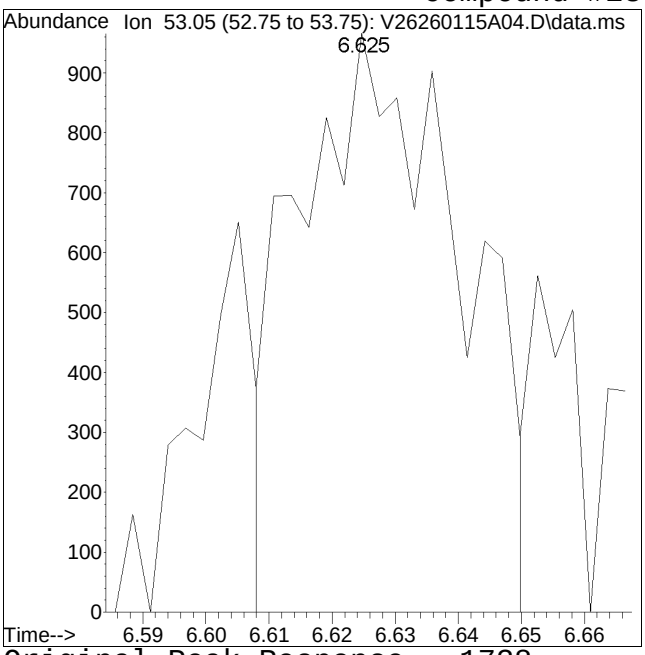
Manual Peak Response = 7312 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

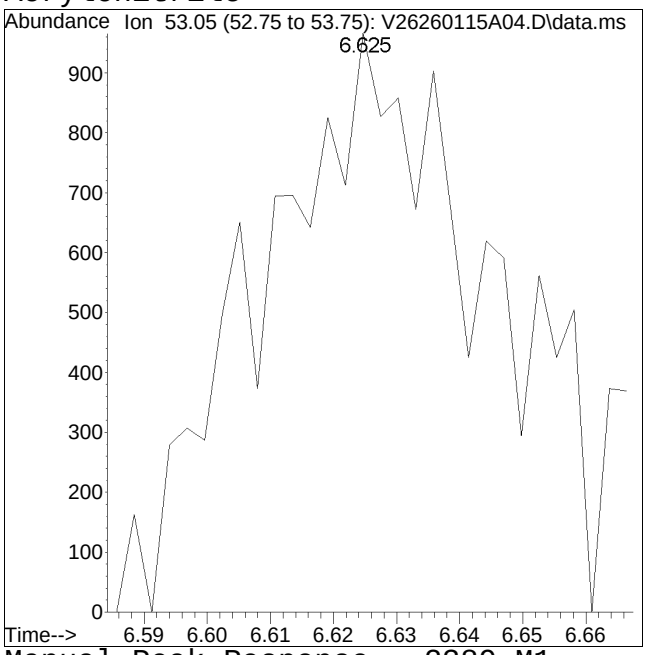
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #28: Acrylonitrile



Original Peak Response = 1738



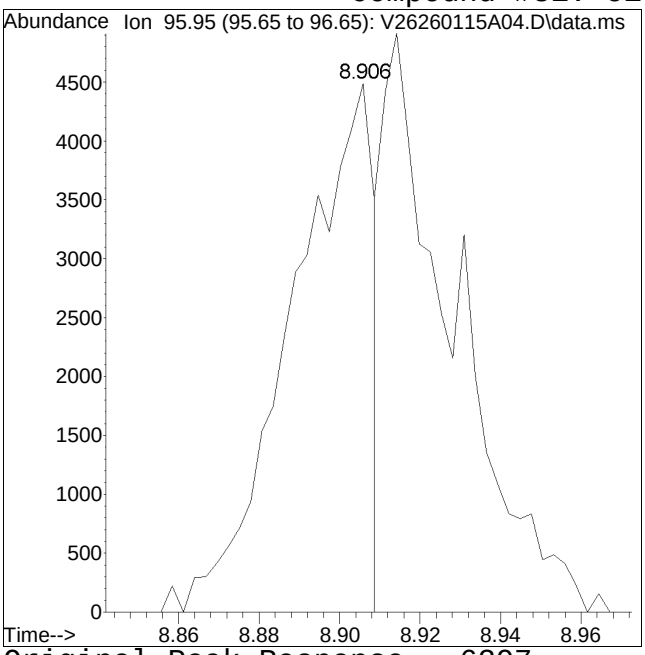
Manual Peak Response = 2389 M1

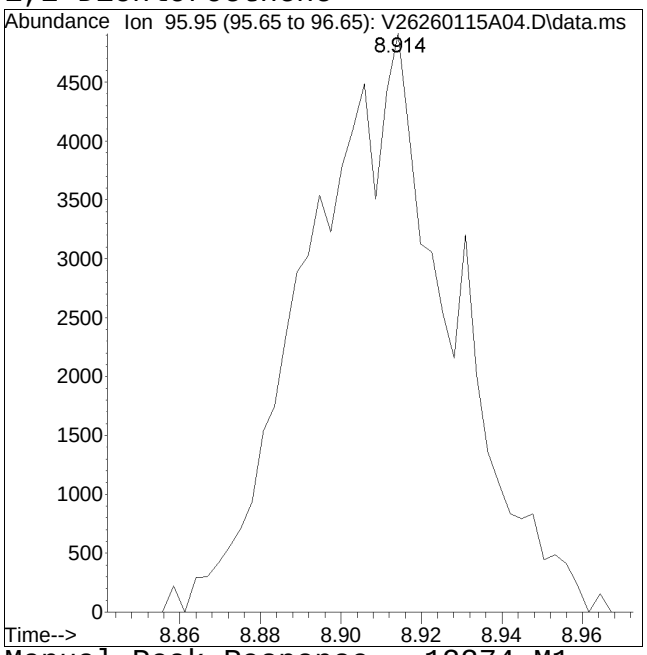
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #31: cis-1,2-Dichloroethene



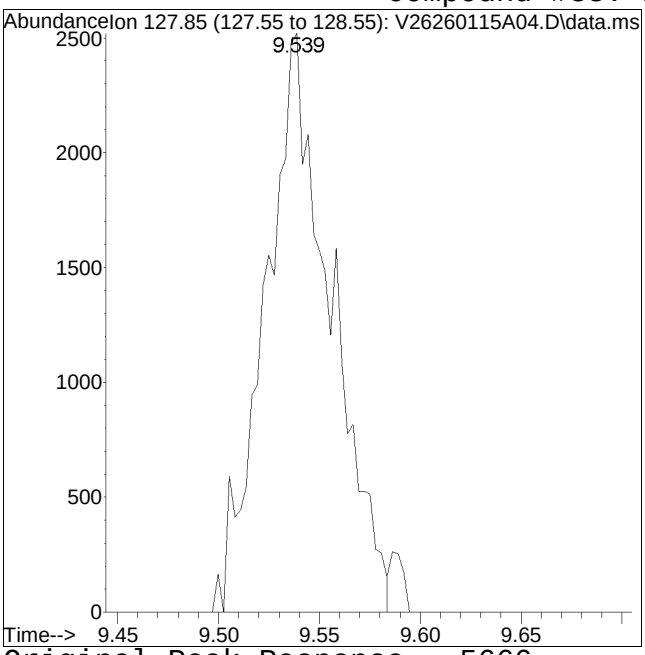


Original Peak Response = 6297 Manual Peak Response = 12274 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

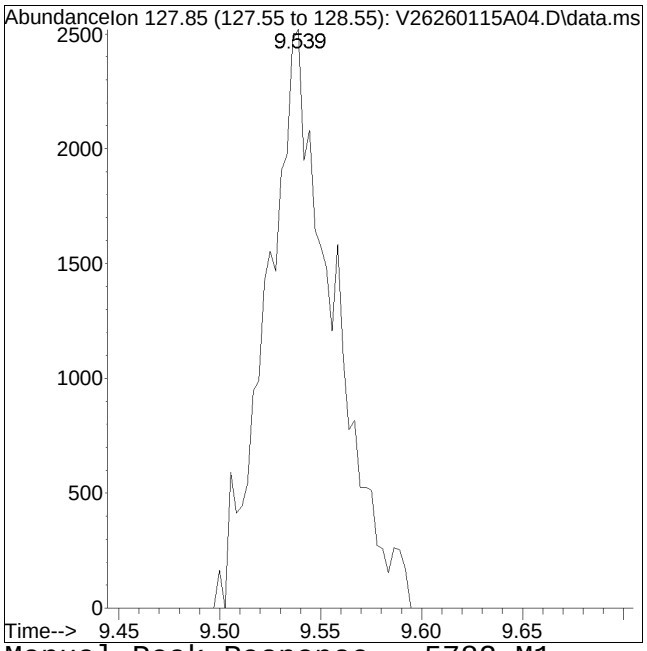
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #33: Bromochloromethane



Original Peak Response = 5666



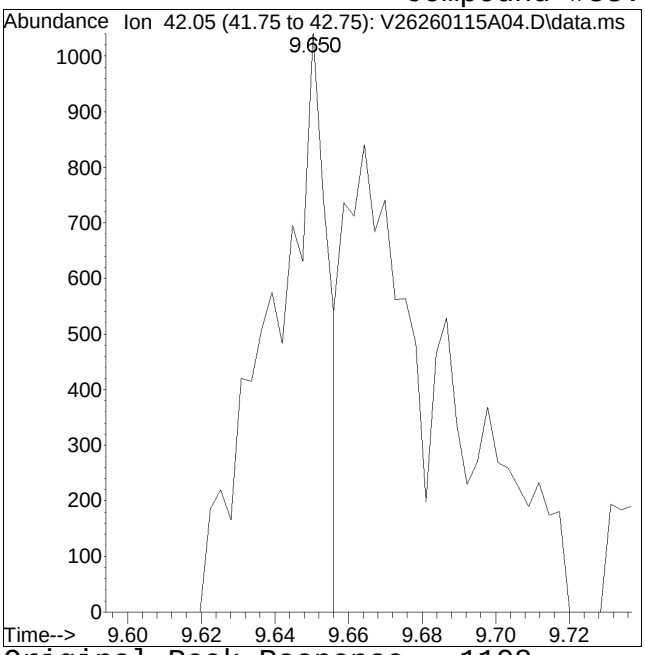
Manual Peak Response = 5782 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

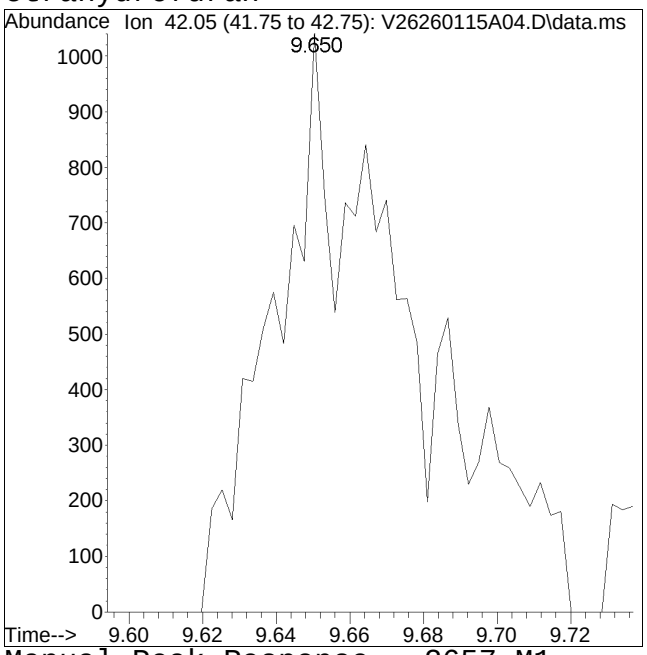
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #38: Tetrahydrofuran



Original Peak Response = 1108



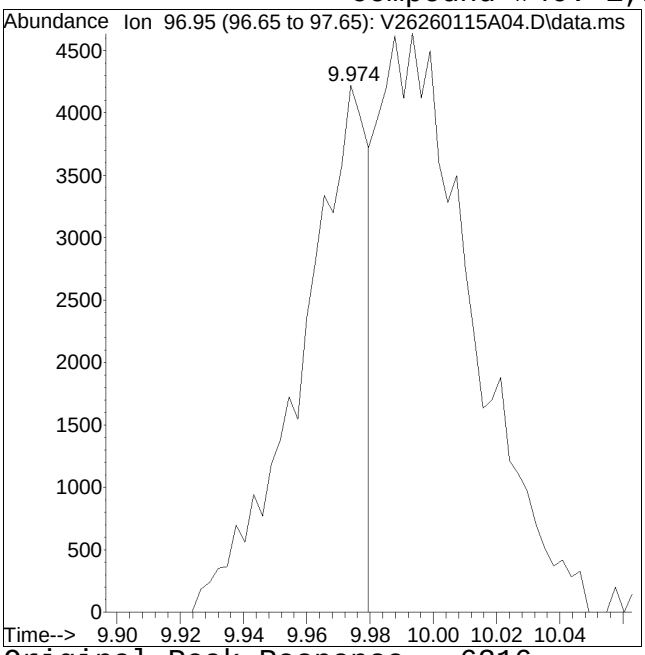
Manual Peak Response = 2657 M1

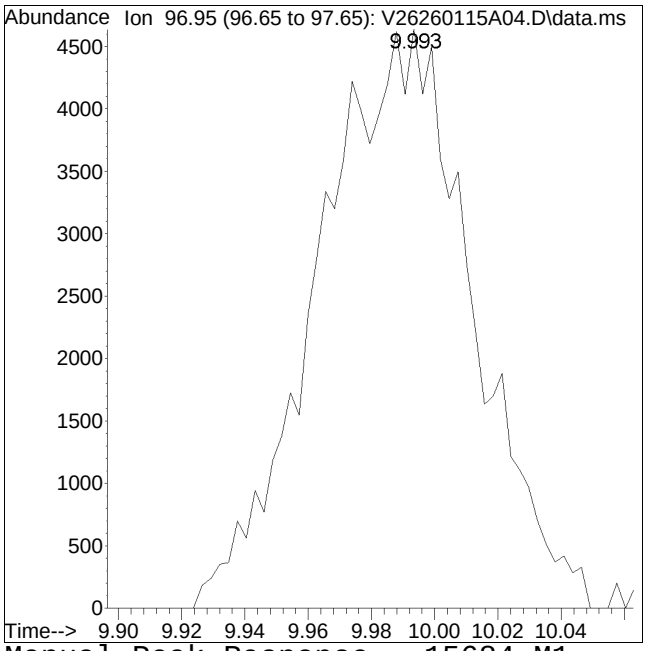
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #40: 1,1,1-Trichloroethane



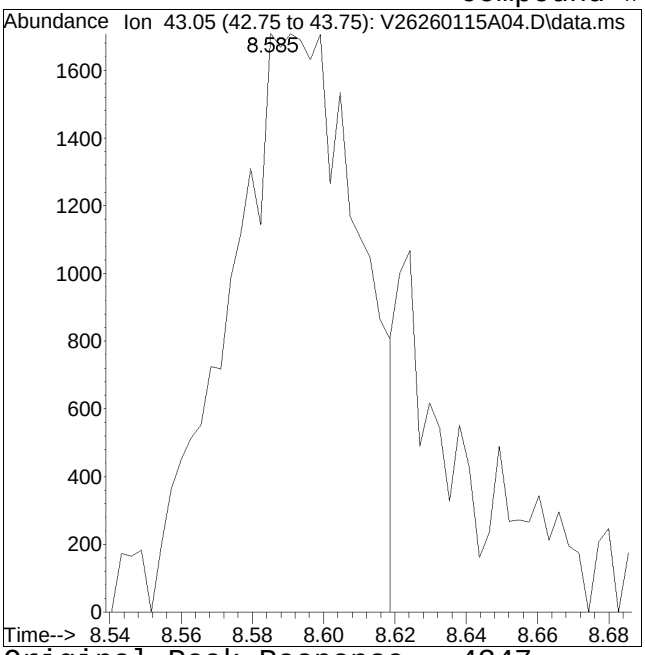


Original Peak Response = 6216 Manual Peak Response = 15684 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

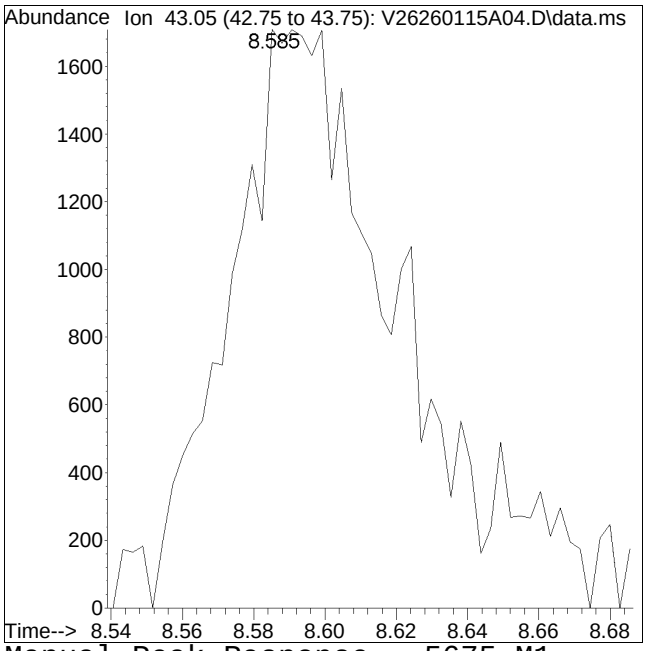
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #42: 2-Butanone



Original Peak Response = 4347



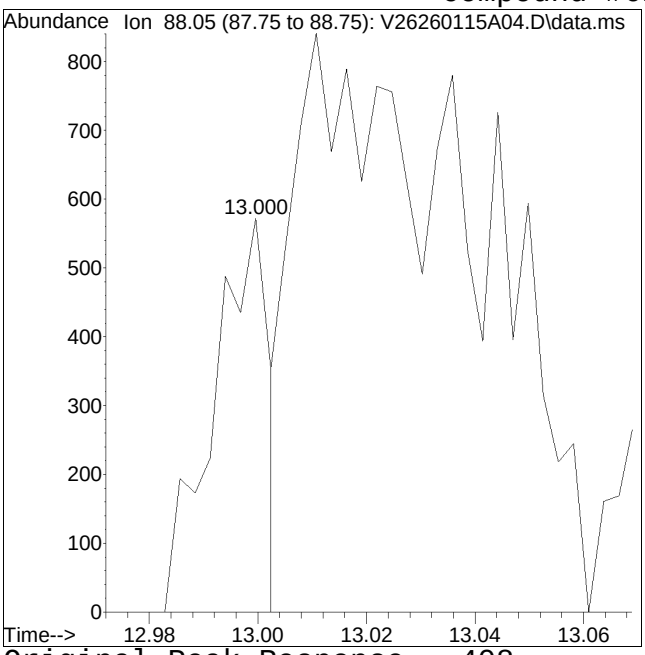
Manual Peak Response = 5675 M1

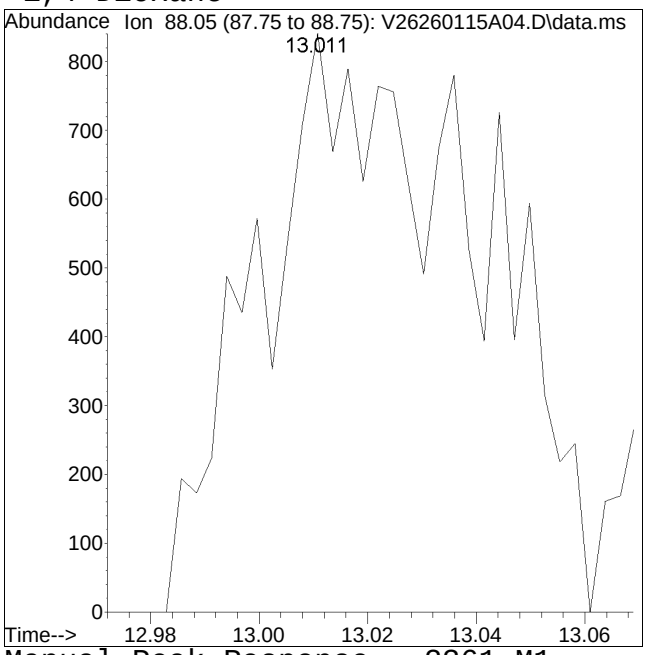
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #61: 1,4-Dioxane



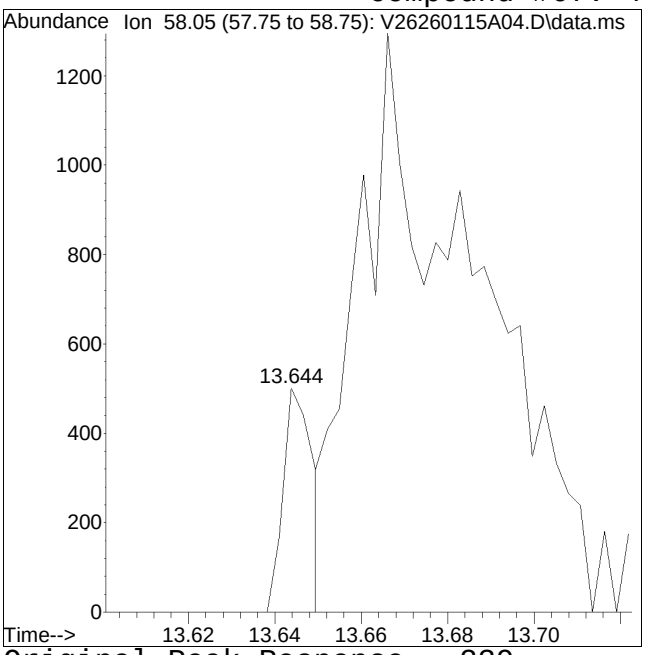


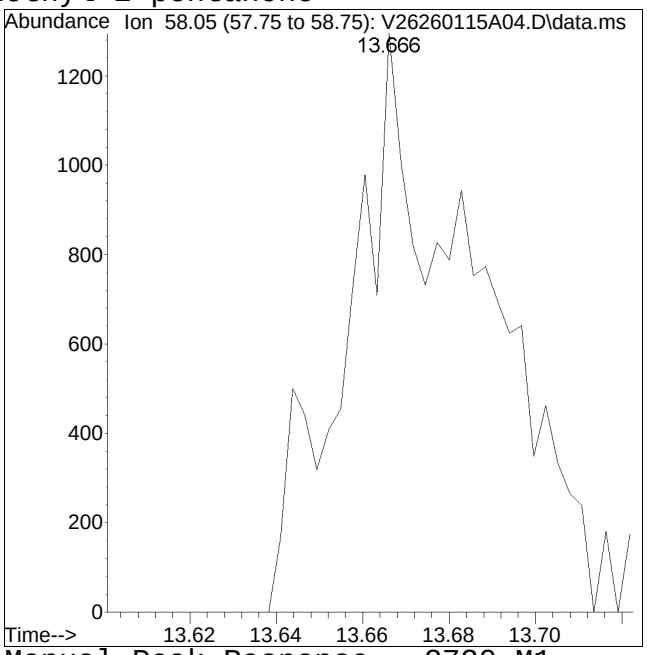
Original Peak Response = 408 Manual Peak Response = 2361 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #67: 4-Methyl-2-pentanone



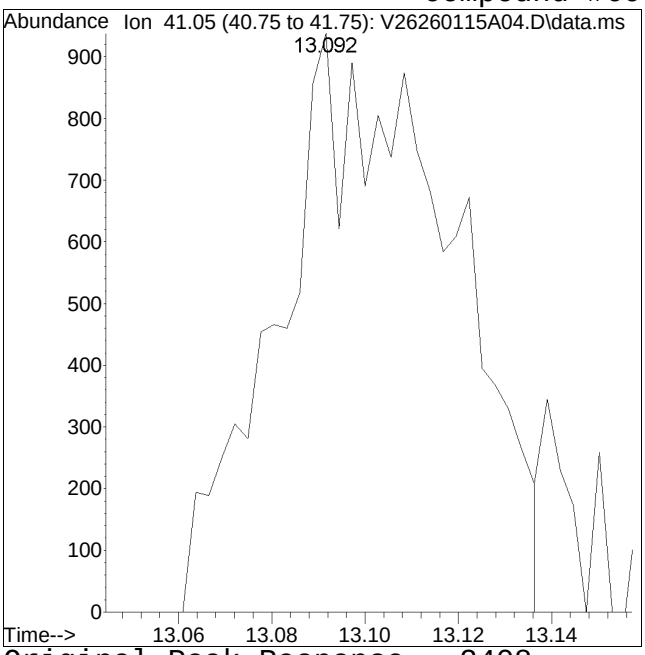


Original Peak Response = 239 Manual Peak Response = 2720 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

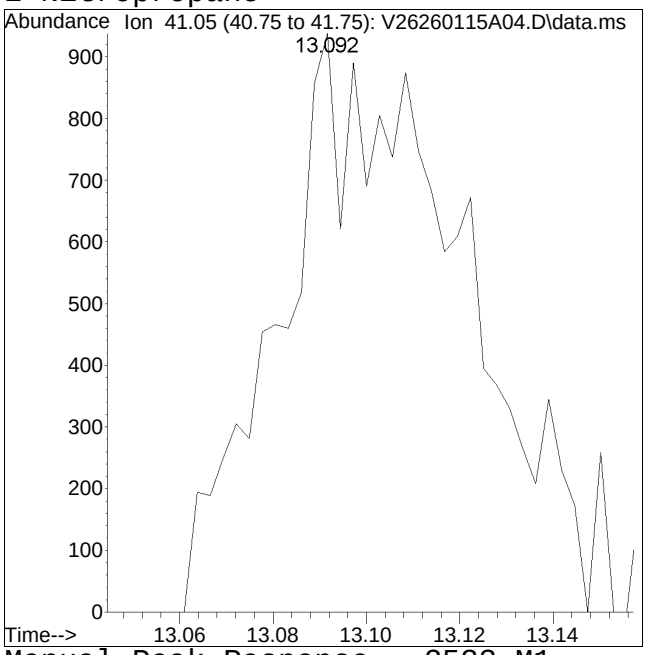
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #69: 2-Nitropropane



Original Peak Response = 2408



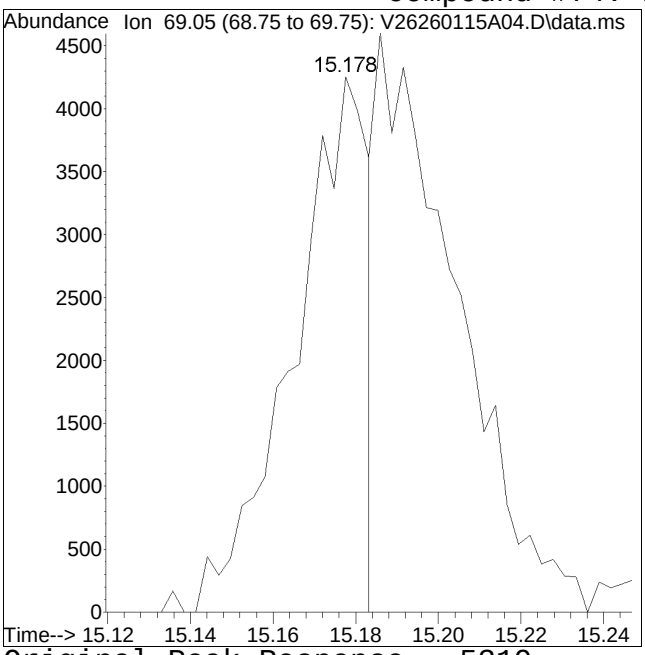
Manual Peak Response = 2533 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

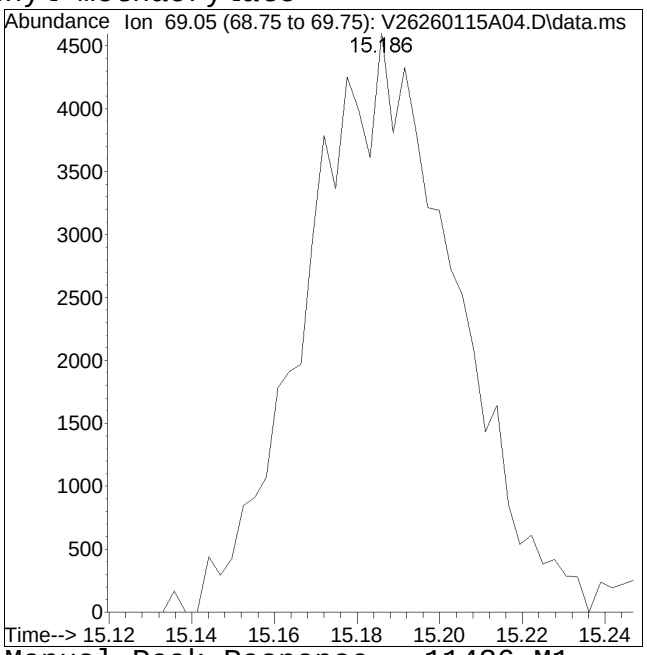
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A04.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 7:08 pm Instrument : VOA126
Sample : I8260STD1.0PPB+SUFF Quant Date : 1/16/2026 8:25 am

Compound #74: Ethyl methacrylate



Original Peak Response = 5319



Manual Peak Response = 11436 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A06.D
Acq On : 15 Jan 2026 08:26 pm
Operator : VOA126:JIC
Sample : I8260STD2.0PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 16 08:37:17 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	11.268	96	1026460	20.000	ug/L	0.00
Standard Area 1 = 1049446			Recovery = 97.81%			
63) Chlorobenzene-d5	17.944	117	824342	20.000	ug/L	0.00
Standard Area 1 = 824443			Recovery = 99.99%			
88) 1,4-Dichlorobenzene-d4	23.591	152	416307	20.000	ug/L	0.00
Standard Area 1 = 407086			Recovery = 102.27%			
System Monitoring Compounds						
39) Dibromofluoromethane	9.642	113	256848	20.245	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.23%			
47) 1,2-Dichloroethane-d4	10.637	65	256900	20.869	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.35%			
65) Toluene-d8	14.592	98	1060322	19.859	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.30%			
92) 4-Bromofluorobenzene	20.774	95	407832	20.040	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.581	85	33990M1	2.097	ug/L	
3) Chlorodifluoromethane	2.648	51	26701M1	2.846	ug/L	
4) Chloromethane	3.036	50	35447M1	2.238	ug/L	
5) Vinyl chloride	3.105	62	38563M1	2.076	ug/L	
6) Bromomethane	3.794	94	27196M1	2.595	ug/L	
7) Chloroethane	3.931	64	22677M1	2.067	ug/L	
8) Trichlorofluoromethane	4.355	101	42517M1	1.996	ug/L	
9) Ethyl ether	4.893	74	13679M1	2.053	ug/L	
11) 1,1-Dichloroethene	5.445	96	26633	2.119	ug/L	99
12) Carbon disulfide	6.351	76	96007M1	2.208	ug/L	
13) Freon-113	5.133	101	24794M1	1.978	ug/L	
14) Iodomethane	6.036	142	13047M1	0.997	ug/L	
15) Acrolein	5.144	56	1790M3	2.305	ug/L	
16) Allyl chloride	6.151	76	15388	2.193	ug/L	92
17) Methylene chloride	6.360	84	35073M1	2.589	ug/L	
19) Acetone	5.264	43	13405M1	4.294	ug/L	
20) trans-1,2-Dichloroethene	6.912	96	29077	2.059	ug/L	96
21) Methyl acetate	6.111	43	12002M1	2.105	ug/L	
22) Hexane	7.023	57	39092	2.155	ug/L #	94
23) Methyl tert-butyl ether	6.655	73	64660	1.933	ug/L #	78
24) tert-Butyl alcohol	5.654	59	11256M1	10.503	ug/L	

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A06.D
Acq On : 15 Jan 2026 08:26 pm
Operator : VOA126:JIC
Sample : I8260STD2.0PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 16 08:37:17 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Diisopropyl ether	7.525	45	75982	1.882	ug/L	#	93
26) 1,1-Dichloroethane	7.729	63	53113	2.072	ug/L		99
27) Halothane	6.839	117	21302	1.997	ug/L		100
28) Acrylonitrile	6.625	53	6639	2.076	ug/L	#	84
29) Ethyl tert-butyl ether	8.312	59	75505	1.863	ug/L		98
30) Vinyl acetate	7.760	43	39876	1.902	ug/L		95
31) cis-1,2-Dichloroethene	8.906	96	31647	2.112	ug/L		93
32) 2,2-Dichloropropane	8.811	77	43192	2.060	ug/L		99
33) Bromochloromethane	9.536	128	12914	2.037	ug/L		96
34) Cyclohexane	9.999	56	47325	1.967	ug/L		98
35) Chloroform	9.212	83	56483	2.265	ug/L	#	96
36) Ethyl acetate	8.922	43	15400	1.949	ug/L	#	75
37) Carbon tetrachloride	10.484	117	39250	1.949	ug/L	#	95
38) Tetrahydrofuran	9.653	42	5216M1	2.139	ug/L		
40) 1,1,1-Trichloroethane	9.985	97	44495	2.007	ug/L	#	72
42) 2-Butanone	8.591	43	9596M1	2.739	ug/L		
43) 1,1-Dichloropropene	10.303	75	36646	1.975	ug/L		98
44) Heptane	10.629	71	25225M1	2.095	ug/L		
45) Benzene	10.835	78	105880	2.004	ug/L	#	94
46) tert-Amyl methyl ether	10.548	73	63580	1.866	ug/L	#	83
48) 1,2-Dichloroethane	10.827	62	35160	2.052	ug/L		95
51) Methyl cyclohexane	12.174	83	42182	1.819	ug/L		100
52) Trichloroethene	12.071	95	29410	1.972	ug/L		97
54) Dibromomethane	13.047	93	14996	2.033	ug/L		98
55) 1,2-Dichloropropane	12.450	63	27414	1.935	ug/L		98
57) 2-Chloroethyl vinyl ether	13.610	63	11301	2.024	ug/L	#	90
58) Bromodichloromethane	12.933	83	36564	1.896	ug/L		100
60) Methyl methacrylate	12.604	69	13798	2.181	ug/L		90
61) 1,4-Dioxane	13.011	88	5605M1	73.319	ug/L		
62) cis-1,3-Dichloropropene	14.090	75	40327	1.848	ug/L		97
64) Octane	14.302	85	27703	1.970	ug/L		99
66) Toluene	14.762	92	71992	1.982	ug/L		99
67) 4-Methyl-2-pentanone	13.669	58	6773	1.776	ug/L		99
68) Tetrachloroethene	16.173	166	32370	2.020	ug/L		100
69) 2-Nitropropane	13.100	41	4977	2.294	ug/L	#	87
71) trans-1,3-Dichloropropene	15.189	75	32742	1.717	ug/L		96
72) Methyl isothiocyanate	15.074	73	12907	2.071	ug/L		98
74) Ethyl methacrylate	15.180	69	27082	1.799	ug/L		78
75) 1,1,2-Trichloroethane	15.520	83	17274	1.899	ug/L		95
76) Chlorodibromomethane	16.639	129	24156	1.704	ug/L		97

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A06.D
Acq On : 15 Jan 2026 08:26 pm
Operator : VOA126:JIC
Sample : I8260STD2.0PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 16 08:37:17 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) 1,3-Dichloropropane	16.078	76	34106	1.869	ug/L	98
78) 1,2-Dibromoethane	17.088	107	18852	1.793	ug/L	99
79) n-Butyl Acetate	16.109	43	34151	2.185	ug/L	99
80) 2-Hexanone	15.571	43	11221	1.779	ug/L	94
81) Nonane	17.743	57	52489	1.951	ug/L	100
82) Chlorobenzene	18.033	112	80187	1.982	ug/L	99
83) Ethylbenzene	18.161	91	138142	1.965	ug/L	97
84) 1,1,1,2-Tetrachloroethane	18.139	131	26118	1.788	ug/L	99
85) p/m Xylene	18.337	106	106075	3.903	ug/L	89
86) o Xylene	19.341	106	101211	3.852	ug/L	89
87) Styrene	19.430	104	163758	3.690	ug/L	96
89) Bromoform	20.197	173	14375	1.673	ug/L	99
91) Isopropylbenzene	20.189	105	132105	1.858	ug/L	95
93) Bromobenzene	21.212	156	32007	1.907	ug/L	100
94) Decane	20.897	57	60463	1.925	ug/L	99
95) n-Propylbenzene	21.137	91	156004	1.904	ug/L	95
96) 1,4-Dichlorobutane	20.434	55	37314	1.920	ug/L	96
97) 1,1,2,2-Tetrachloroethane	20.618	83	23952	1.832	ug/L	97
98) 4-Ethyltoluene	21.410	105	124811	1.861	ug/L	98
99) 2-Chlorotoluene	21.536	91	102828	1.928	ug/L	97
100) 1,3,5-Trimethylbenzene	21.519	105	105495	1.853	ug/L	98
101) 1,2,3-Trichloropropane	20.956	75	18425	1.982	ug/L	99
102) trans-1,4-Dichloro-2-b...	21.154	53	7512	1.851	ug/L	93
103) 4-Chlorotoluene	21.656	91	98114	1.993	ug/L	96
104) tert-Butylbenzene	22.356	119	92773	1.877	ug/L	98
107) 1,2,4-Trimethylbenzene	22.448	105	100879	1.830	ug/L	96
108) Limonene	23.019	68	35095	1.966	ug/L	99
109) sec-Butylbenzene	22.871	105	135035	1.845	ug/L	96
110) p-Isopropyltoluene	23.212	119	114631	1.836	ug/L	98
111) 1,3-Dichlorobenzene	23.404	146	57856	1.859	ug/L	99
112) 1,4-Dichlorobenzene	23.661	146	59989	1.953	ug/L	98
113) trans-Decahydronaphtha...	24.143	138	33931	2.017	ug/L	99
114) Undecane	23.803	57	57833	1.888	ug/L	99
115) p-Diethylbenzene	24.216	119	67790	1.800	ug/L	99
116) n-Butylbenzene	24.190	91	129807	1.875	ug/L	96
117) Hexachloroethane	25.309	117	22598	1.945	ug/L	92
118) 1,2-Dichlorobenzene	24.525	146	51650	1.863	ug/L	99
119) cis-Decahydronaphthalene	25.607	138	25640	1.993	ug/L	98
120) 1,2,4,5-Tetramethylben...	25.936	119	92096	1.674	ug/L	95
121) 1,2-Dibromo-3-chloropr...	26.282	155	2956	1.661	ug/L	98

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A06.D
Acq On : 15 Jan 2026 08:26 pm
Operator : VOA126:JIC
Sample : I8260STD2.0PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 16 08:37:17 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
122)	1,3,5-Trichlorobenzene	26.756	180	39374	1.816	ug/L	98
123)	Nitrobenzene	0.000		0	N.D.	d	
124)	Hexachlorobutadiene	28.231	225	19768	1.797	ug/L	98
125)	1,2,4-Trichlorobenzene	27.966	180	33011	1.814	ug/L	96
126)	Naphthalene	28.424	128	58883	1.774	ug/L	100
127)	1,2,3-Trichlorobenzene	28.862	180	28358	1.830	ug/L	97

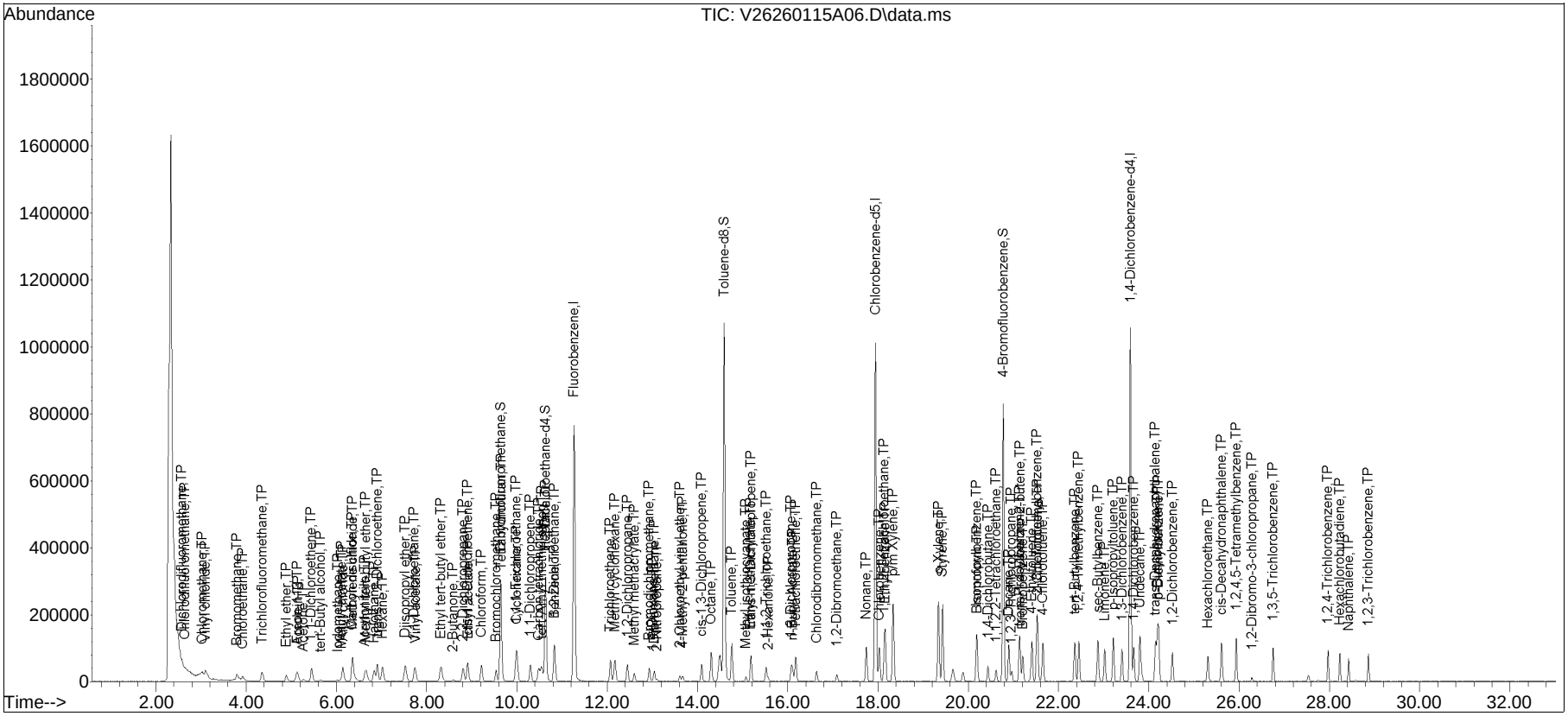
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A06.D
Acq On : 15 Jan 2026 08:26 pm
Operator : VOA126:JIC
Sample : I8260STD2.0PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 16 08:37:17 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

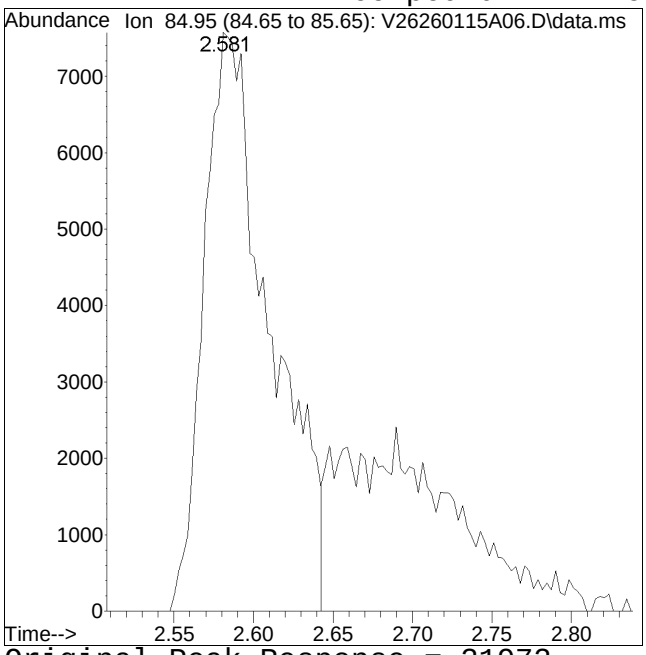
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk0.D•

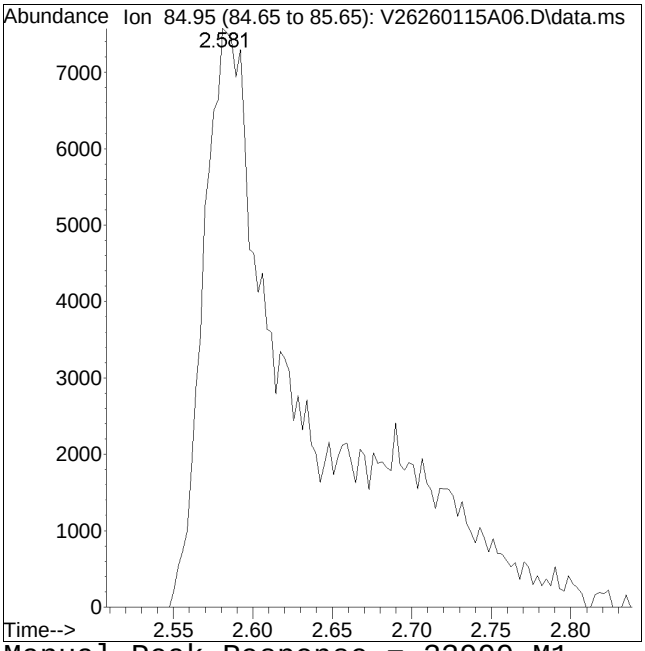


Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A06.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 8:26 pm Instrument : VOA126
Sample : I8260STD2.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #2: Dichlorodifluoromethane





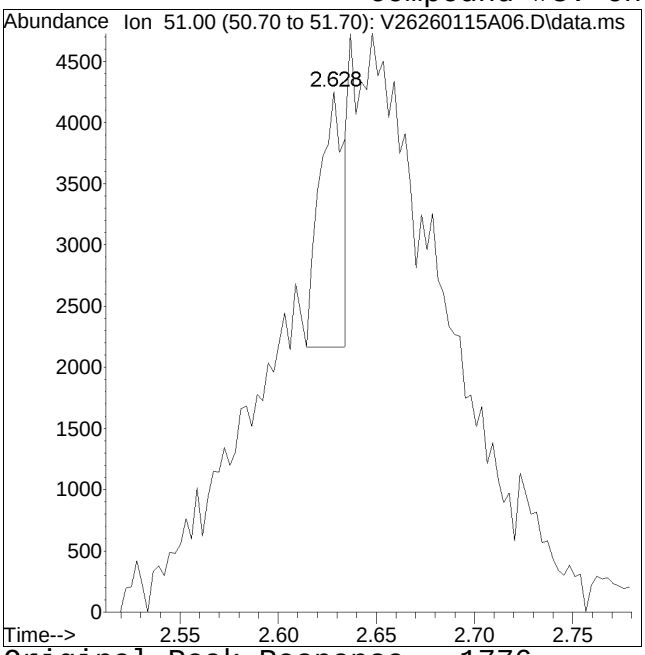
Original Peak Response = 21972 Manual Peak Response = 33990 M1

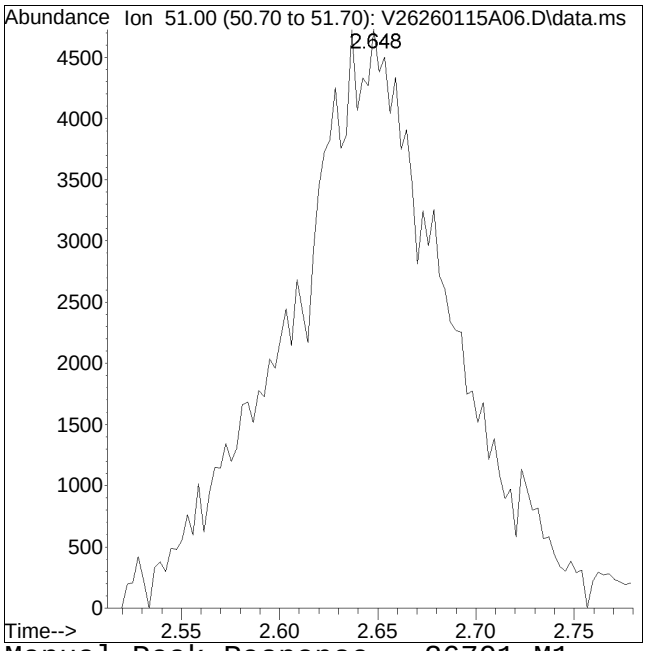
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A06.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 8:26 pm Instrument : VOA126
Sample : I8260STD2.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #3: Chlorodifluoromethane



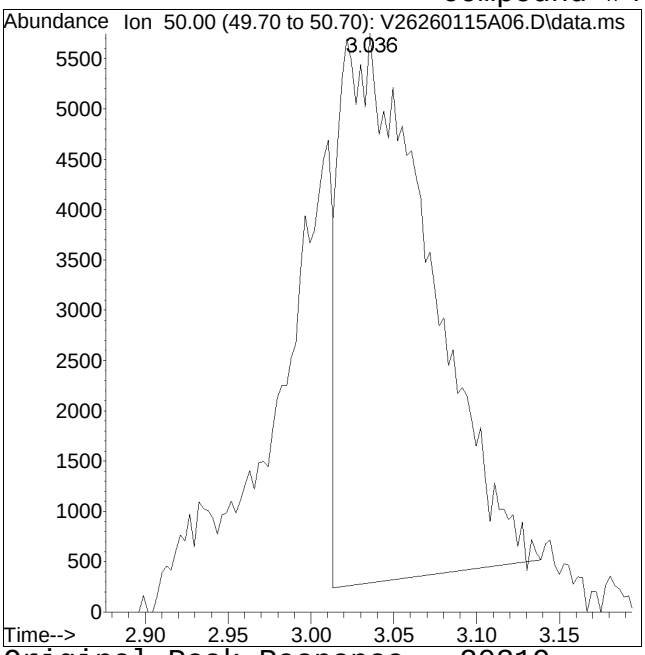


Original Peak Response = 1776 Manual Peak Response = 26701 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

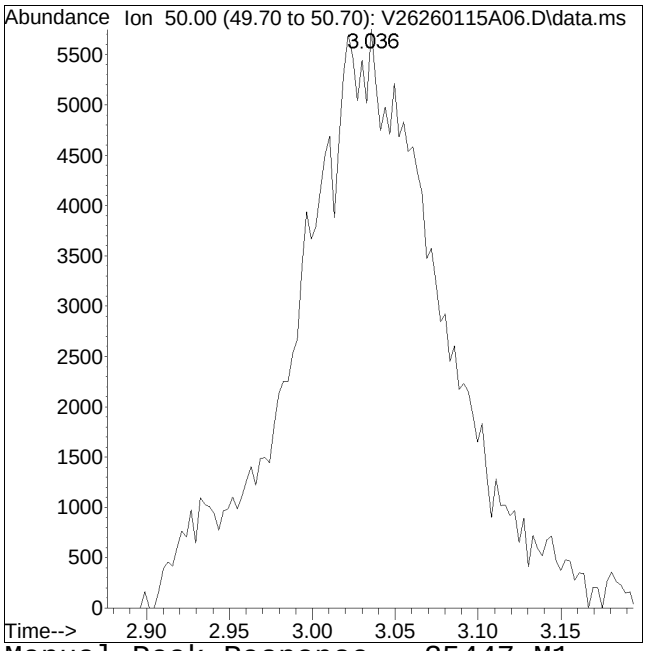
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A06.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 8:26 pm Instrument : VOA126
Sample : I8260STD2.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #4: Chloromethane



Original Peak Response = 20319



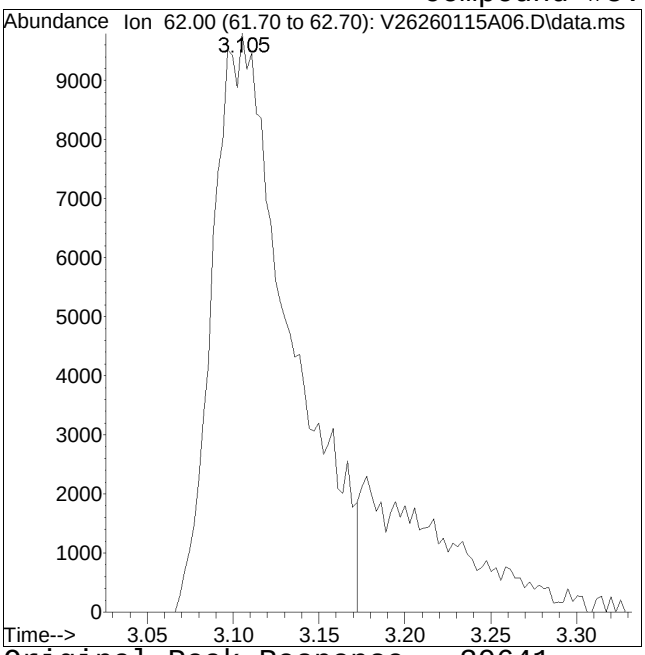
Manual Peak Response = 35447 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

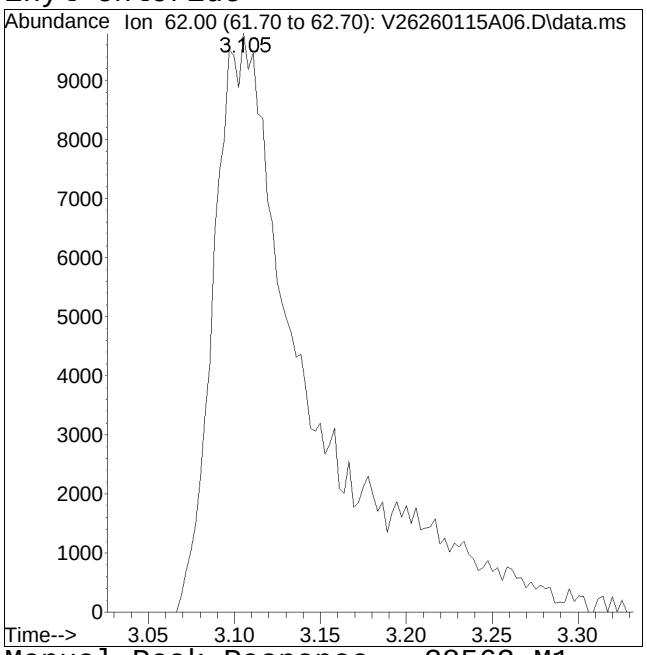
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A06.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 8:26 pm Instrument : VOA126
Sample : I8260STD2.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #5: Vinyl chloride



Original Peak Response = 30641



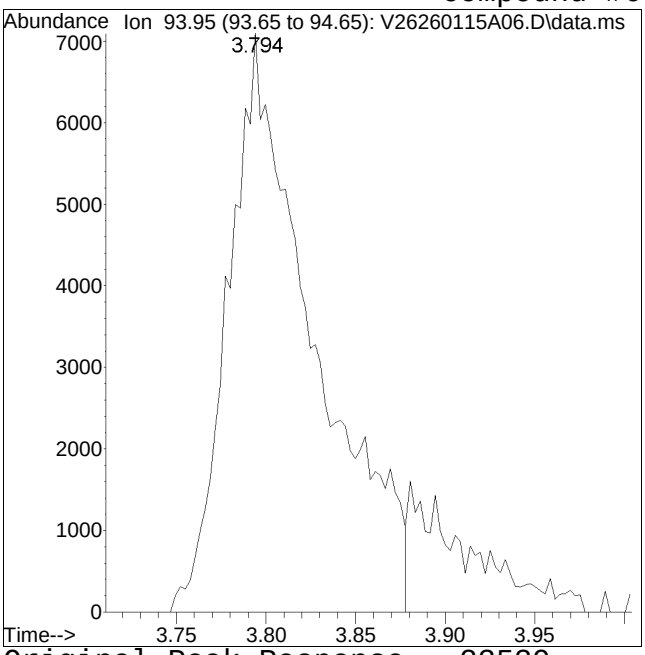
Manual Peak Response = 38563 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

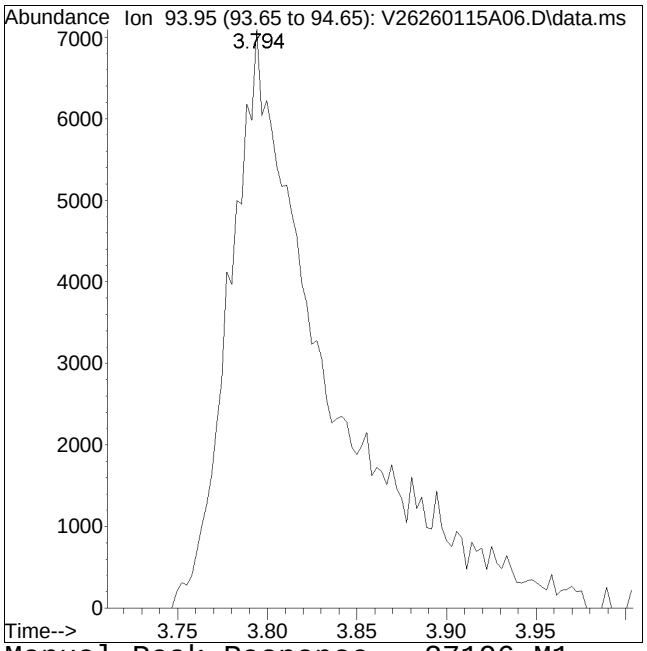
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A06.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 8:26 pm Instrument : VOA126
Sample : I8260STD2.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #6: Bromomethane



Original Peak Response = 23539



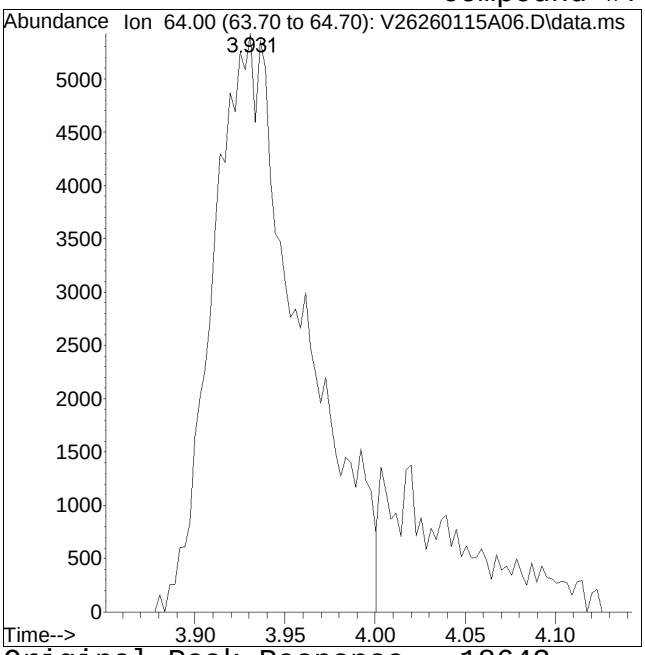
Manual Peak Response = 27196 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

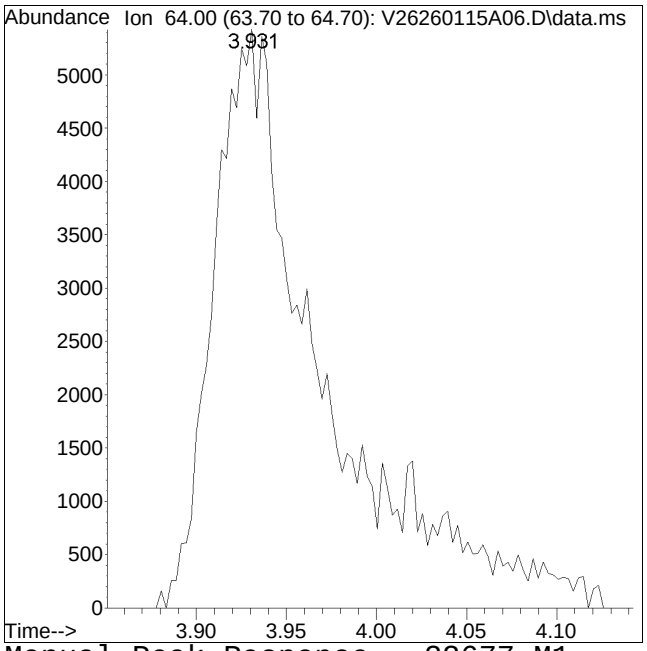
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A06.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 8:26 pm Instrument : VOA126
Sample : I8260STD2.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #7: Chloroethane



Original Peak Response = 18642



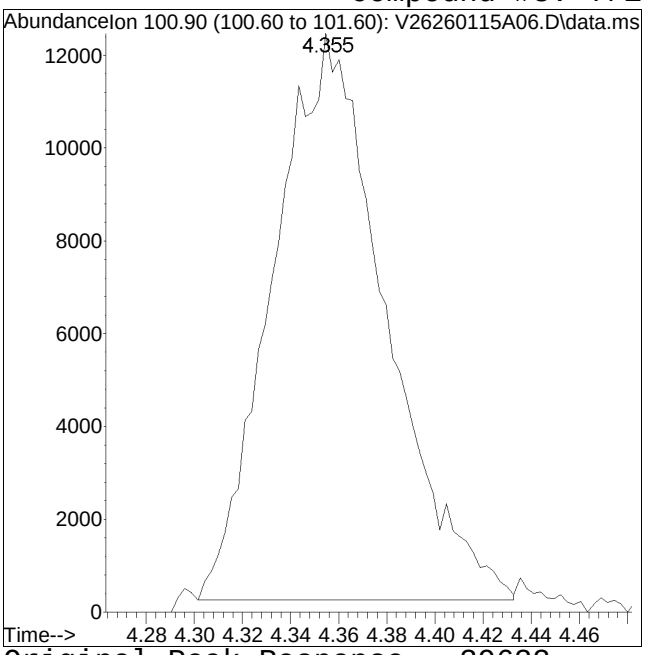
Manual Peak Response = 22677 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

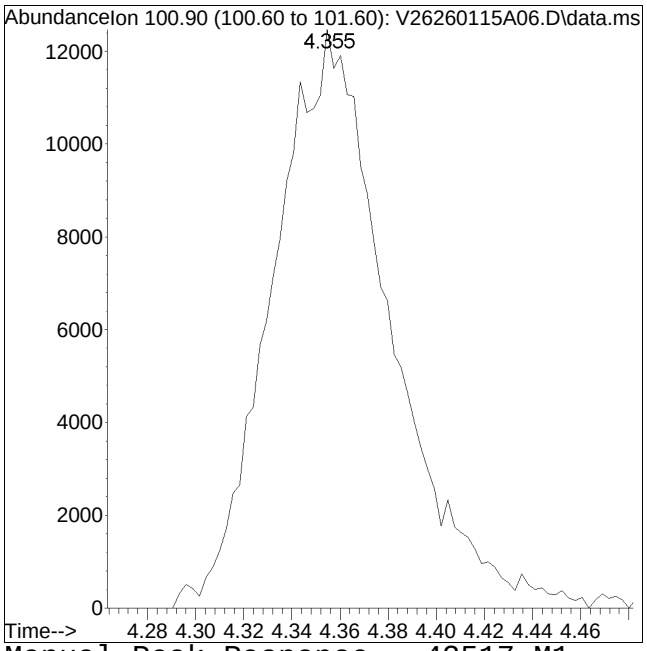
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A06.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 8:26 pm Instrument : VOA126
Sample : I8260STD2.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #8: Trichlorofluoromethane



Original Peak Response = 39632



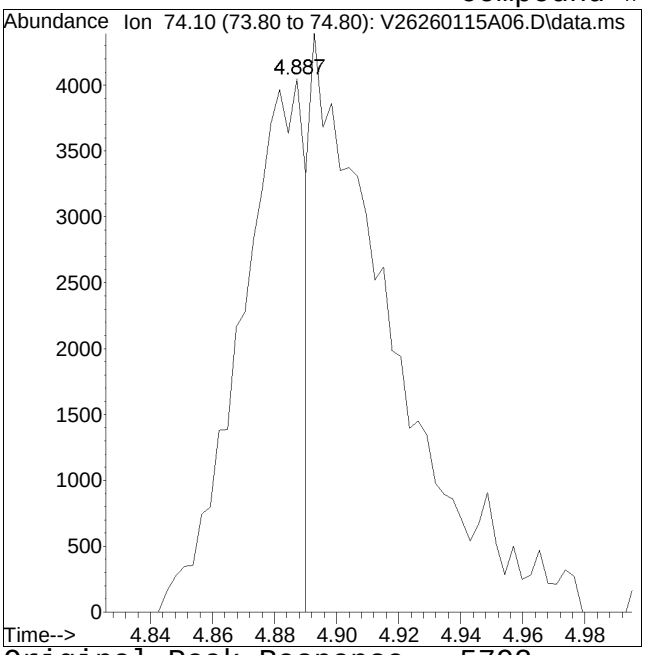
Manual Peak Response = 42517 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

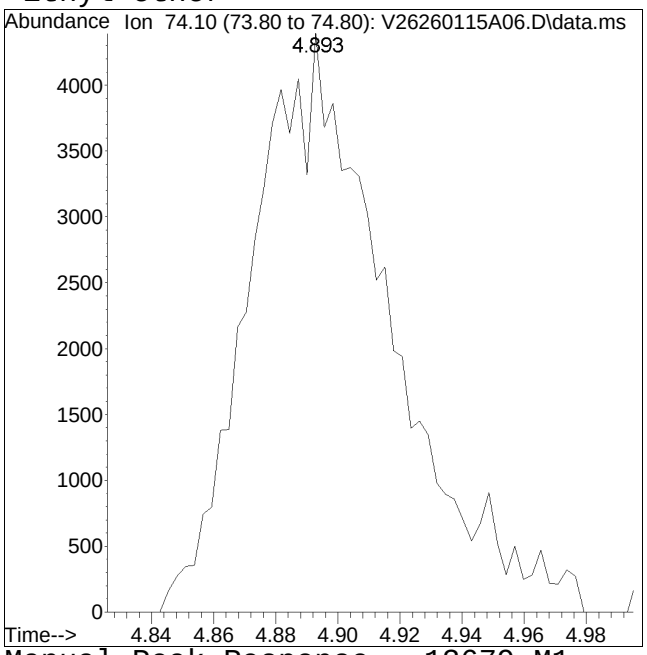
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A06.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 8:26 pm Instrument : VOA126
Sample : I8260STD2.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #9: Ethyl ether



Original Peak Response = 5792



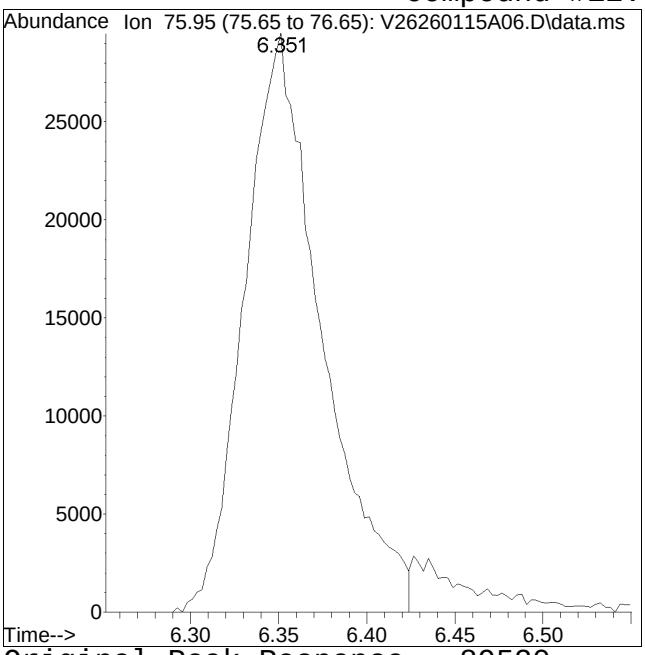
Manual Peak Response = 13679 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

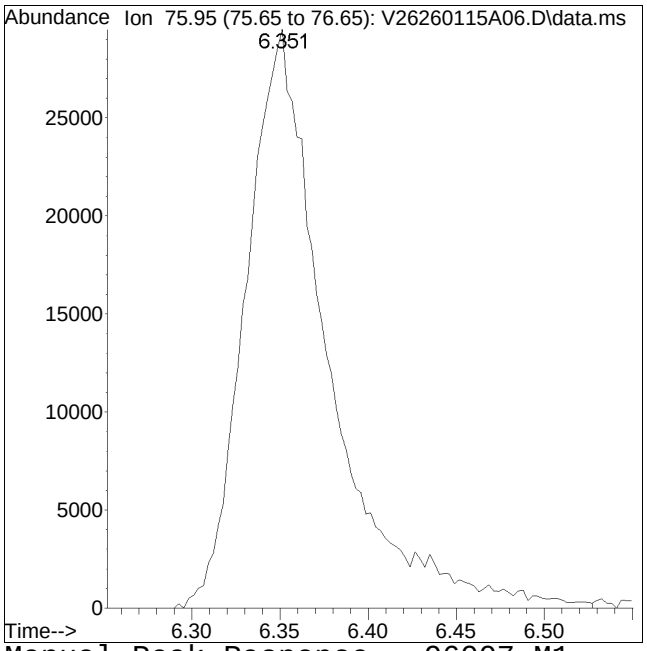
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A06.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 8:26 pm Instrument : VOA126
Sample : I8260STD2.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #12: Carbon disulfide



Original Peak Response = 89520



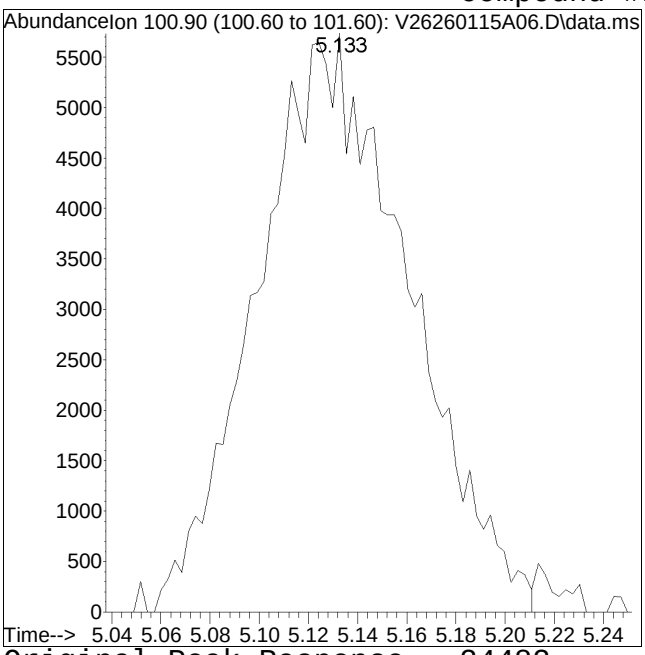
Manual Peak Response = 96007 M1

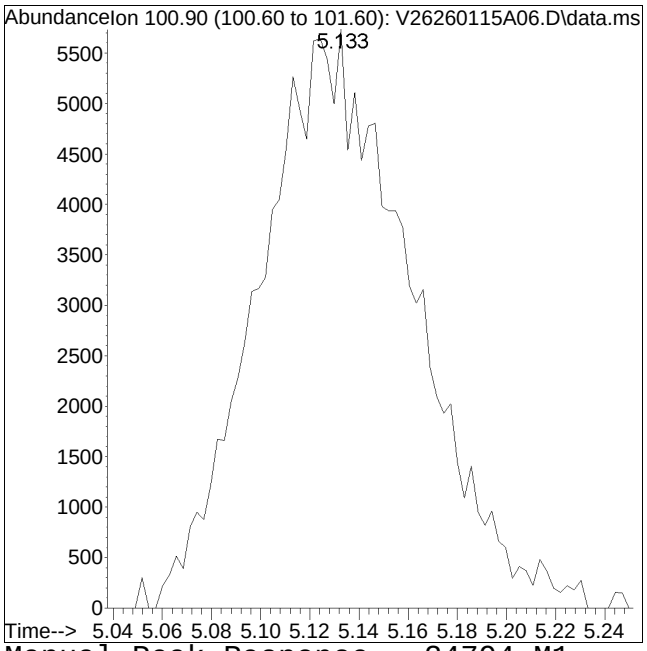
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A06.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 8:26 pm Instrument : VOA126
Sample : I8260STD2.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #13: Freon-113



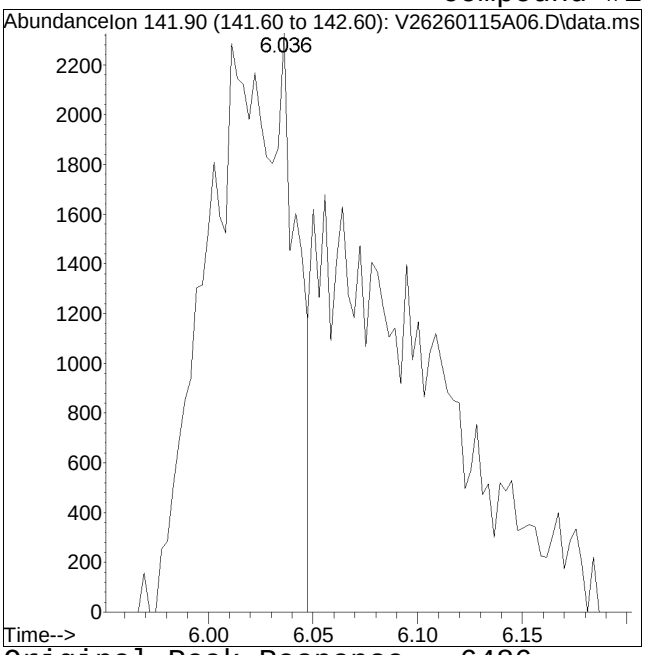


Original Peak Response = 24482 Manual Peak Response = 24794 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

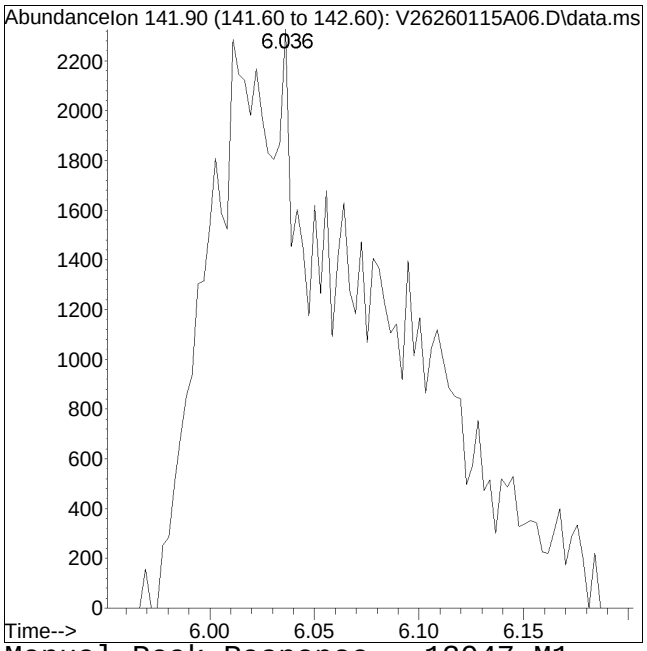
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A06.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 8:26 pm Instrument : VOA126
Sample : I8260STD2.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #14: Iodomethane



Original Peak Response = 6486



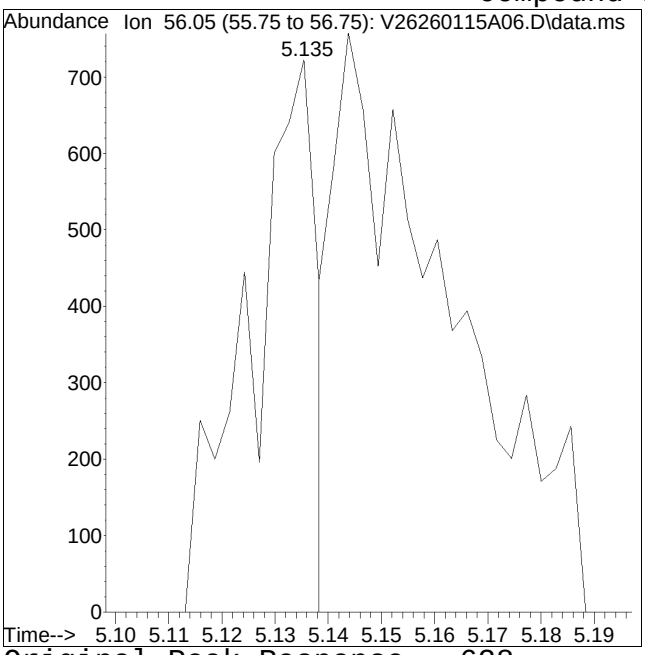
Manual Peak Response = 13047 M1

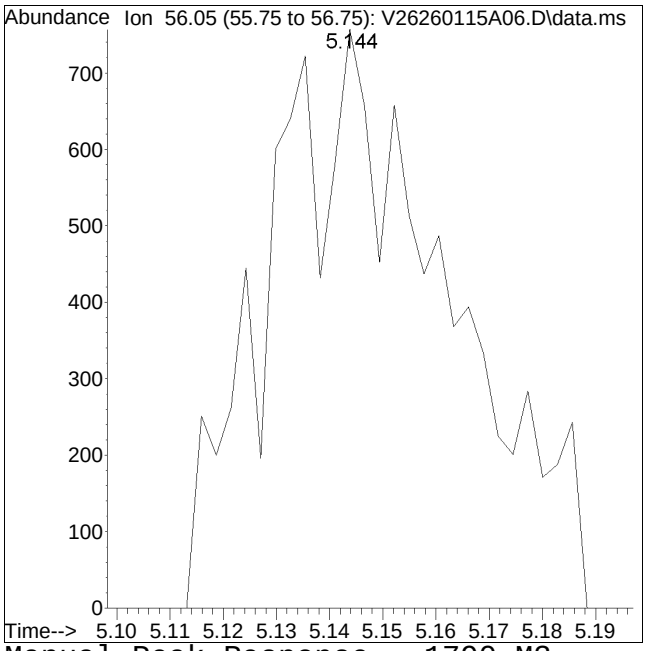
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A06.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 8:26 pm Instrument : VOA126
Sample : I8260STD2.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #15: Acrolein





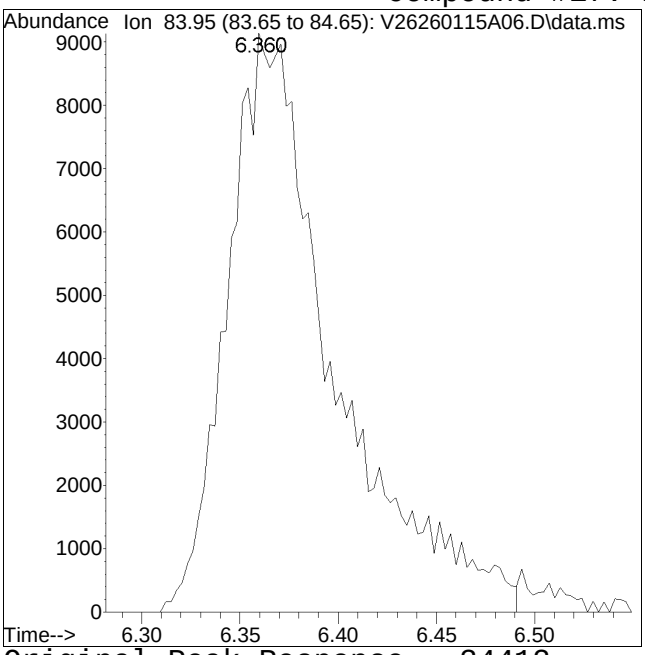
Original Peak Response = 628 Manual Peak Response = 1790 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

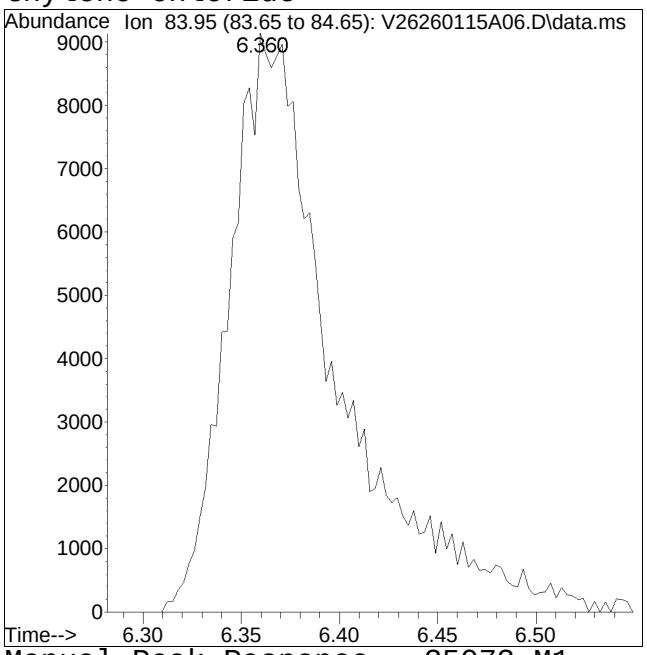
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A06.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 8:26 pm Instrument : VOA126
Sample : I8260STD2.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #17: Methylene chloride



Original Peak Response = 34412



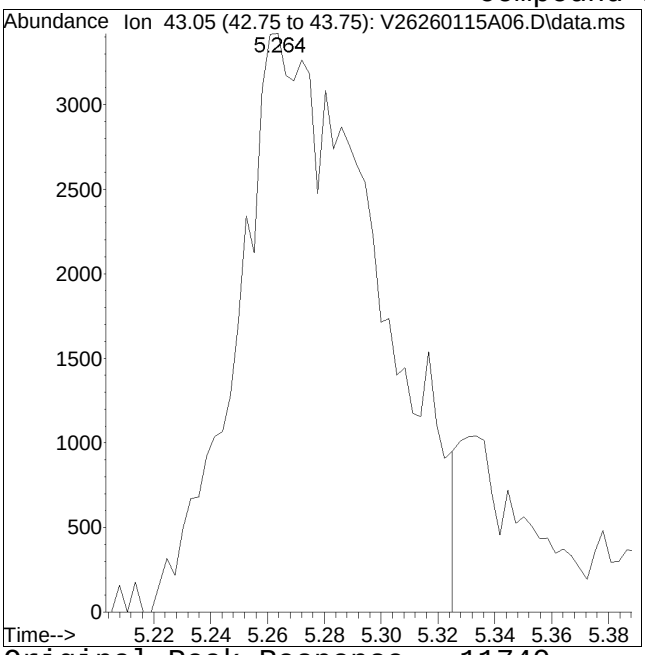
Manual Peak Response = 35073 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

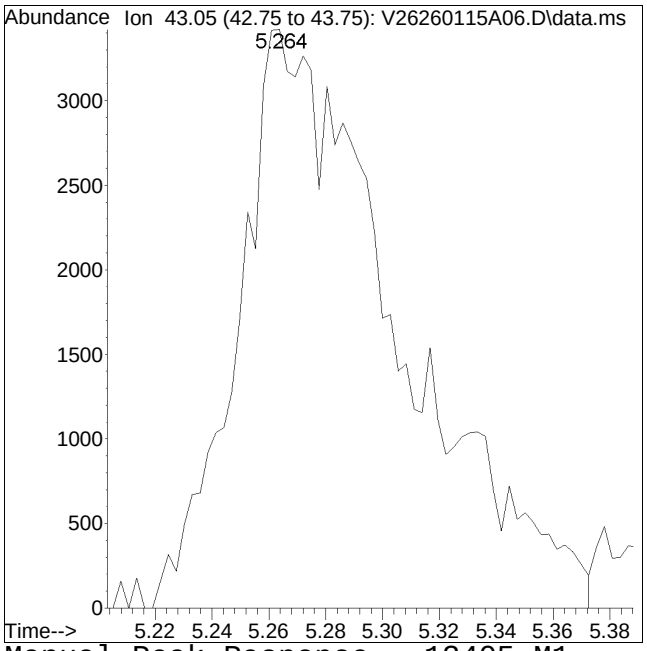
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A06.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 8:26 pm Instrument : VOA126
Sample : I8260STD2.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #19: Acetone



Original Peak Response = 11740



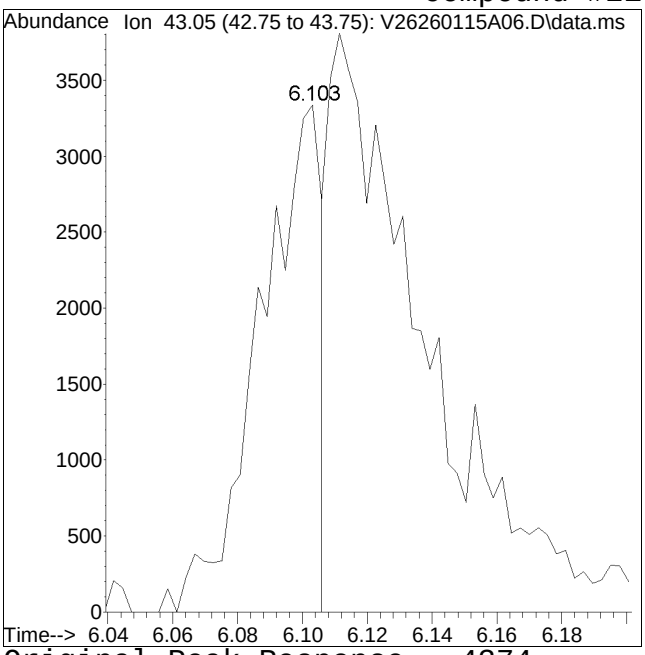
Manual Peak Response = 13405 M1

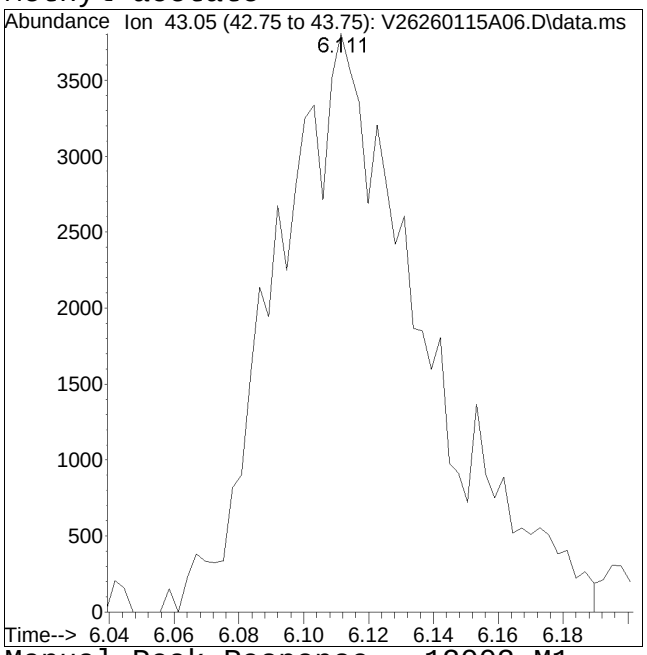
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A06.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 8:26 pm Instrument : VOA126
Sample : I8260STD2.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #21: Methyl acetate



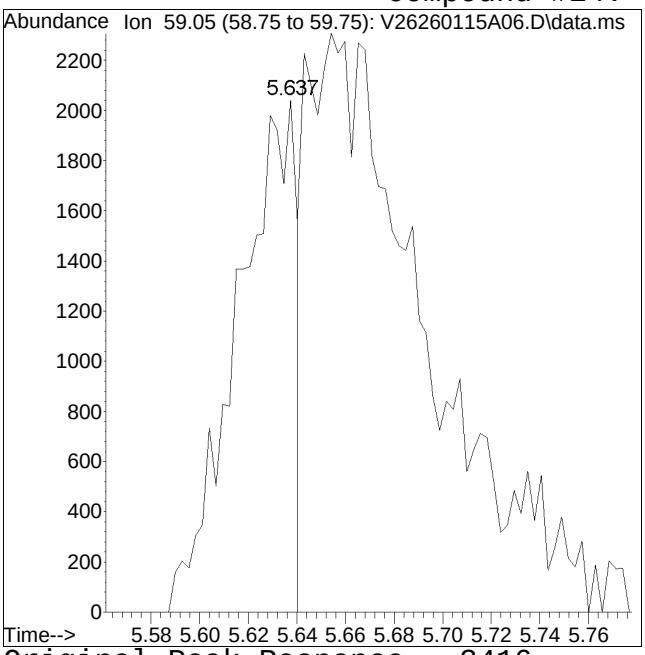


Original Peak Response = 4374 Manual Peak Response = 12002 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

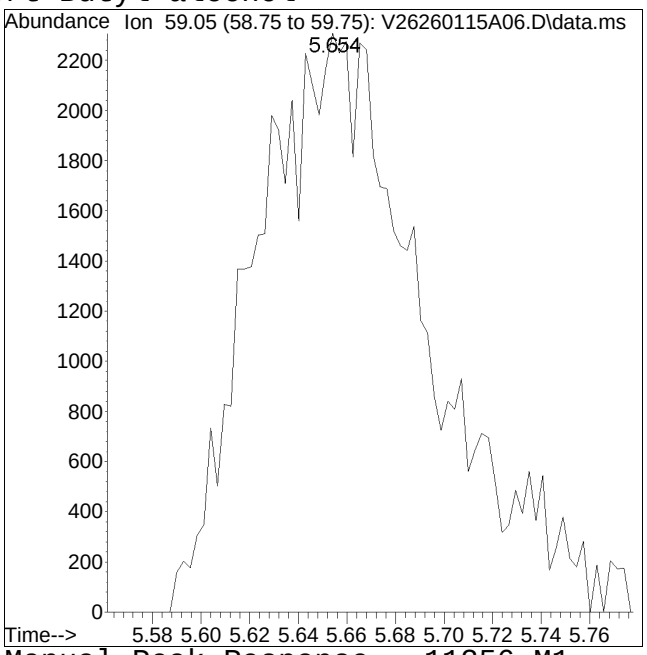
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A06.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 8:26 pm Instrument : VOA126
Sample : I8260STD2.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #24: tert-Butyl alcohol



Original Peak Response = 3416



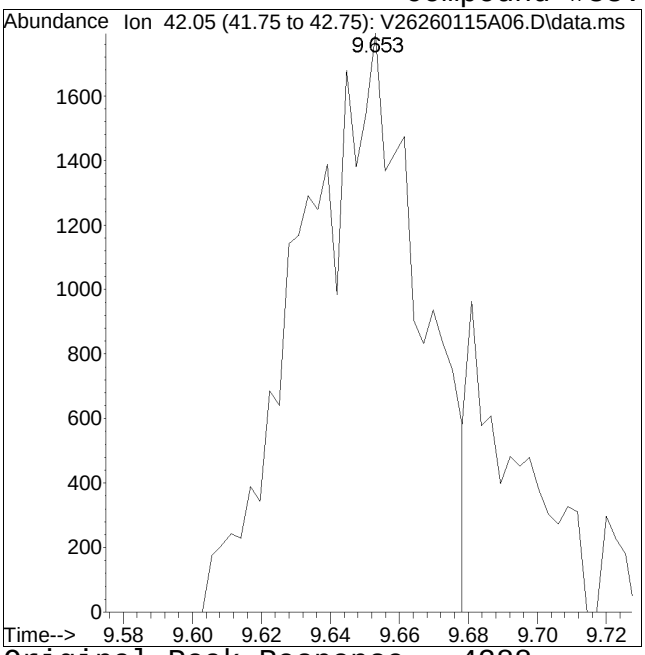
Manual Peak Response = 11256 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

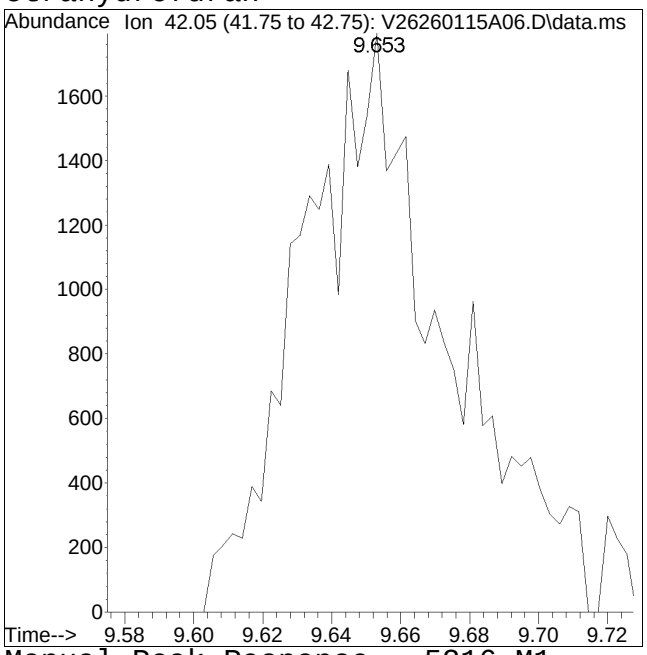
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A06.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 8:26 pm Instrument : VOA126
Sample : I8260STD2.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #38: Tetrahydrofuran



Original Peak Response = 4288



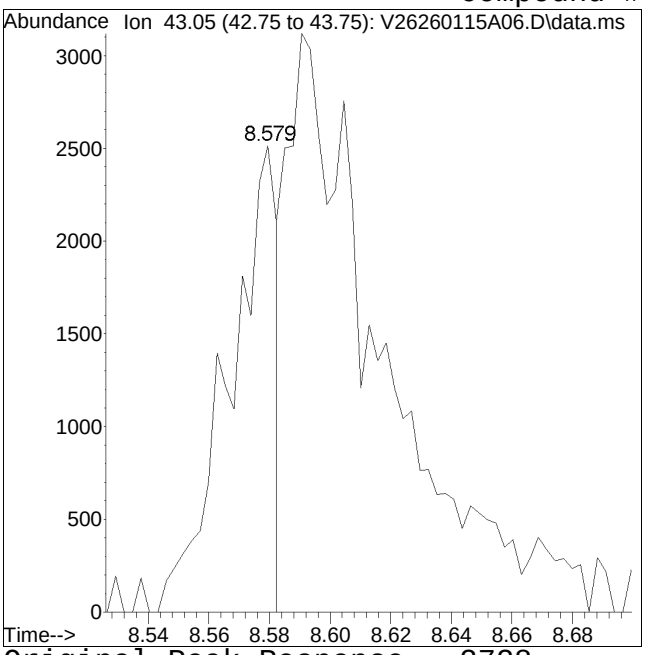
Manual Peak Response = 5216 M1

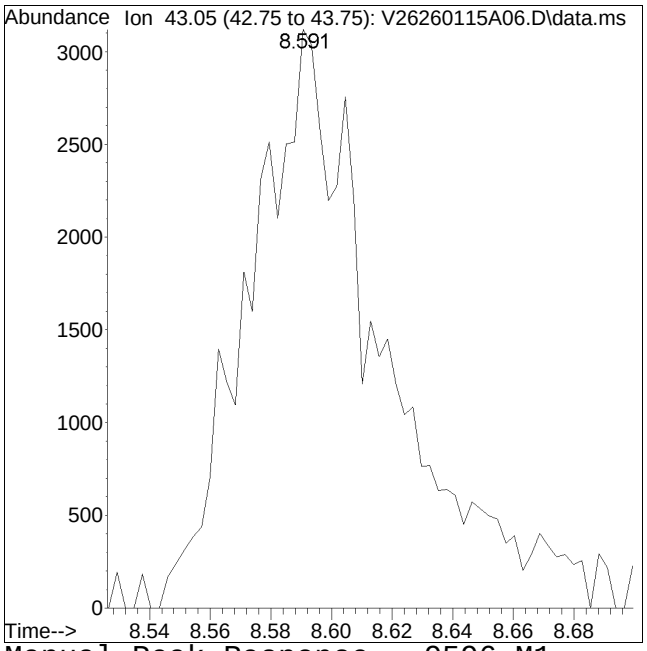
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A06.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 8:26 pm Instrument : VOA126
Sample : I8260STD2.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #42: 2-Butanone



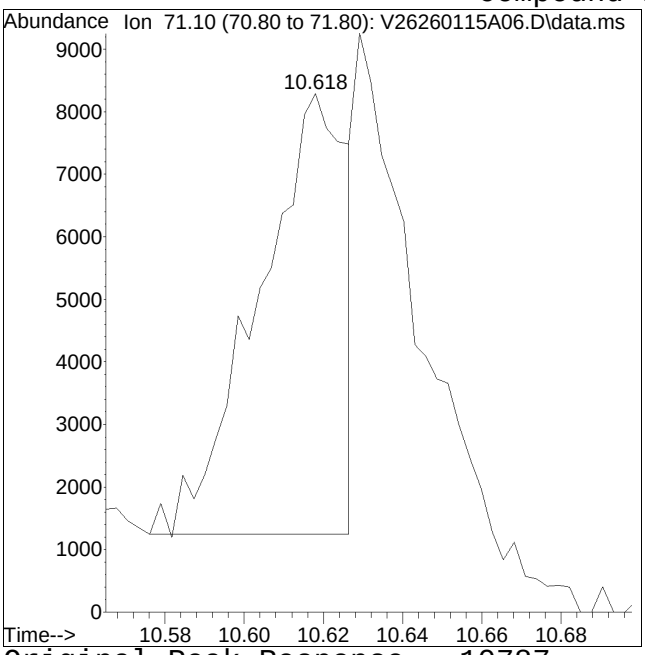


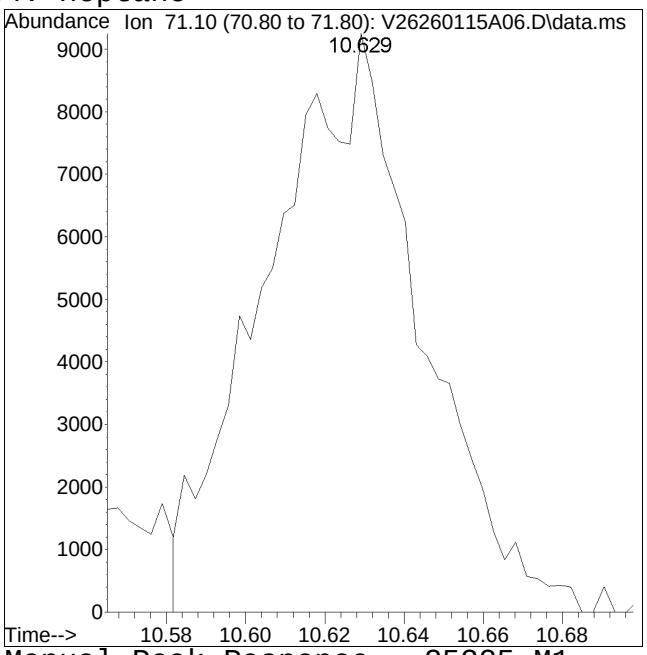
Original Peak Response = 2728 Manual Peak Response = 9596 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A06.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 8:26 pm Instrument : VOA126
Sample : I8260STD2.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #44: Heptane





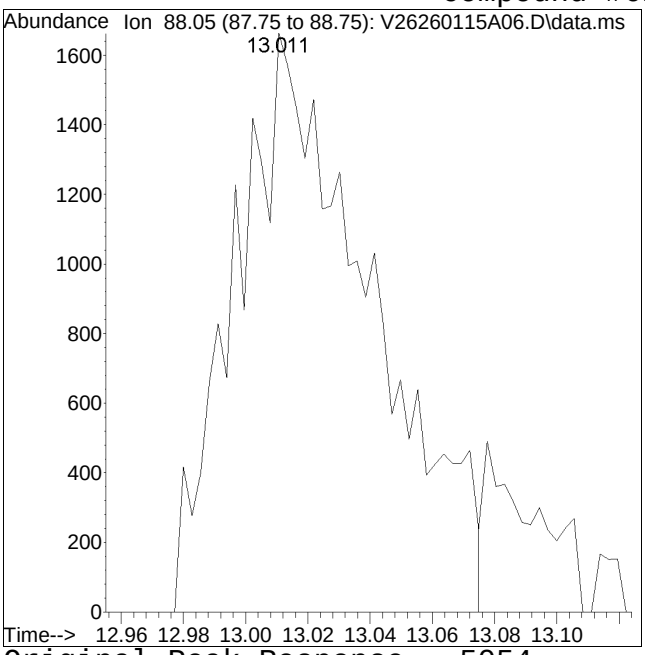
Original Peak Response = 10787 Manual Peak Response = 25225 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

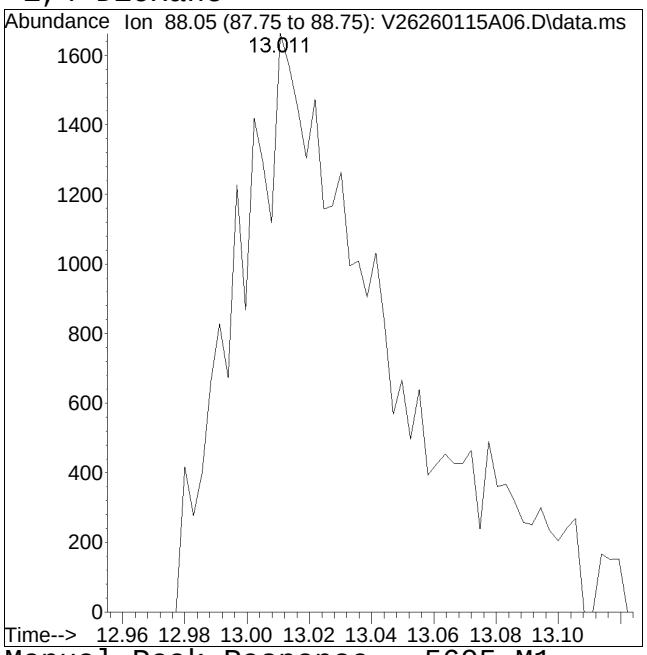
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A06.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 8:26 pm Instrument : VOA126
Sample : I8260STD2.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #61: 1,4-Dioxane



Original Peak Response = 5054



Manual Peak Response = 5605 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A08.D
Acq On : 15 Jan 2026 09:43 pm
Operator : VOA126:JIC
Sample : I8260STD4.0PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 16 08:40:41 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	11.268	96	1025002	20.000	ug/L	0.00
Standard Area 1 = 1049446			Recovery = 97.67%			
63) Chlorobenzene-d5	17.944	117	814858	20.000	ug/L	0.00
Standard Area 1 = 824443			Recovery = 98.84%			
88) 1,4-Dichlorobenzene-d4	23.588	152	400809	20.000	ug/L	0.00
Standard Area 1 = 407086			Recovery = 98.46%			
System Monitoring Compounds						
39) Dibromofluoromethane	9.642	113	256265	20.228	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.14%			
47) 1,2-Dichloroethane-d4	10.638	65	251526	20.462	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.31%			
65) Toluene-d8	14.592	98	1055808	20.004	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.02%			
92) 4-Bromofluorobenzene	20.775	95	399470	20.388	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.94%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.581	85	68916M1	4.257	ug/L	
3) Chlorodifluoromethane	2.631	51	40568M1	4.330	ug/L	
4) Chloromethane	3.025	50	70369M1	4.449	ug/L	
5) Vinyl chloride	3.103	62	79039M1	4.262	ug/L	
6) Bromomethane	3.786	94	51118M1	4.884	ug/L	
7) Chloroethane	3.925	64	48229M1	4.402	ug/L	
8) Trichlorofluoromethane	4.355	101	90883	4.272	ug/L	97
9) Ethyl ether	4.887	74	27564	4.142	ug/L	96
11) 1,1-Dichloroethene	5.456	96	54596	4.350	ug/L	97
12) Carbon disulfide	6.349	76	189254	4.358	ug/L	99
13) Freon-113	5.130	101	54703	4.371	ug/L	100
14) Iodomethane	6.025	142	30988M1	2.370	ug/L	
15) Acrolein	5.144	56	3587M1	4.625	ug/L	
16) Allyl chloride	6.145	76	21018	3.000	ug/L	93
17) Methylene chloride	6.363	84	63246M1	4.675	ug/L	
19) Acetone	5.261	43	21490M1	6.894	ug/L	
20) trans-1,2-Dichloroethene	6.912	96	59632	4.228	ug/L	96
21) Methyl acetate	6.100	43	23513	4.130	ug/L #	63
22) Hexane	7.018	57	49030	2.707	ug/L #	64
23) Methyl tert-butyl ether	6.647	73	137794	4.124	ug/L #	89
24) tert-Butyl alcohol	5.649	59	23632M1	22.083	ug/L	

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A08.D
Acq On : 15 Jan 2026 09:43 pm
Operator : VOA126:JIC
Sample : I8260STD4.0PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 16 08:40:41 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Diisopropyl ether	7.525	45	166599	4.131	ug/L	#	91
26) 1,1-Dichloroethane	7.732	63	110588	4.320	ug/L		100
27) Halothane	6.839	117	45235	4.247	ug/L	#	67
28) Acrylonitrile	6.625	53	14366M1	4.498	ug/L		
29) Ethyl tert-butyl ether	8.320	59	165154	4.081	ug/L	#	85
30) Vinyl acetate	7.760	43	83244	3.977	ug/L		98
31) cis-1,2-Dichloroethene	8.903	96	66503	4.444	ug/L		98
32) 2,2-Dichloropropane	8.808	77	91042	4.348	ug/L		97
33) Bromochloromethane	9.536	128	28273	4.467	ug/L		93
34) Cyclohexane	9.993	56	108205	4.505	ug/L		99
35) Chloroform	9.210	83	115151	4.624	ug/L		99
36) Ethyl acetate	8.909	43	33241	4.214	ug/L	#	91
37) Carbon tetrachloride	10.481	117	85623	4.258	ug/L		100
38) Tetrahydrofuran	9.648	42	11346	4.660	ug/L		98
40) 1,1,1-Trichloroethane	9.988	97	96030	4.337	ug/L		98
42) 2-Butanone	8.585	43	17926M1	5.123	ug/L		
43) 1,1-Dichloropropene	10.295	75	79445	4.289	ug/L		100
44) Heptane	10.624	71	33564	2.792	ug/L		98
45) Benzene	10.833	78	224566	4.256	ug/L		98
46) tert-Amyl methyl ether	10.548	73	142171	4.178	ug/L		98
48) 1,2-Dichloroethane	10.824	62	74701	4.366	ug/L		99
51) Methyl cyclohexane	12.171	83	104323	4.506	ug/L		99
52) Trichloroethene	12.077	95	63375	4.256	ug/L		96
54) Dibromomethane	13.044	93	32436	4.404	ug/L		99
55) 1,2-Dichloropropane	12.442	63	60660	4.287	ug/L		99
57) 2-Chloroethyl vinyl ether	13.613	63	24648	4.421	ug/L		96
58) Bromodichloromethane	12.927	83	79515	4.130	ug/L		99
60) Methyl methacrylate	12.606	69	22352	3.539	ug/L		99
61) 1,4-Dioxane	13.011	88	17251M1	225.980	ug/L		
62) cis-1,3-Dichloropropene	14.093	75	87222	4.003	ug/L		99
64) Octane	14.302	85	39147	2.816	ug/L		96
66) Toluene	14.759	92	159675	4.447	ug/L		97
67) 4-Methyl-2-pentanone	13.666	58	14826	3.933	ug/L		96
68) Tetrachloroethene	16.179	166	71521	4.516	ug/L		98
69) 2-Nitropropane	13.097	41	8271	3.856	ug/L	#	86
71) trans-1,3-Dichloropropene	15.189	75	74466	3.950	ug/L		97
72) Methyl isothiocyanate	15.074	73	21276	3.453	ug/L		100
74) Ethyl methacrylate	15.183	69	60183	4.044	ug/L		99
75) 1,1,2-Trichloroethane	15.521	83	37221	4.140	ug/L		99
76) Chlorodibromomethane	16.636	129	56035	3.998	ug/L		98

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A08.D
Acq On : 15 Jan 2026 09:43 pm
Operator : VOA126:JIC
Sample : I8260STD4.0PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 16 08:40:41 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
77) 1,3-Dichloropropane	16.078	76	76041	4.215	ug/L		99
78) 1,2-Dibromoethane	17.088	107	42799	4.117	ug/L		100
79) n-Butyl Acetate	16.112	43	57083	3.694	ug/L		95
80) 2-Hexanone	15.568	43	26561	4.260	ug/L	#	95
81) Nonane	17.743	57	73494	2.763	ug/L		99
82) Chlorobenzene	18.030	112	181349	4.535	ug/L		99
83) Ethylbenzene	18.156	91	320494	4.612	ug/L		97
84) 1,1,1,2-Tetrachloroethane	18.139	131	60995	4.224	ug/L		99
85) p/m Xylene	18.337	106	250430	9.323	ug/L		87
86) o Xylene	19.338	106	239194	9.209	ug/L		85
87) Styrene	19.428	104	392447	8.947	ug/L		96
89) Bromoform	20.194	173	32687	3.952	ug/L		99
91) Isopropylbenzene	20.186	105	321643	4.699	ug/L		97
93) Bromobenzene	21.207	156	75663	4.683	ug/L		99
94) Decane	20.897	57	86840	2.871	ug/L		99
95) n-Propylbenzene	21.137	91	379530	4.811	ug/L		95
96) 1,4-Dichlorobutane	20.440	55	82900	4.430	ug/L		95
97) 1,1,2,2-Tetrachloroethane	20.616	83	55360	4.398	ug/L		99
98) 4-Ethyltoluene	21.408	105	309592	4.795	ug/L		96
99) 2-Chlorotoluene	21.536	91	246853	4.807	ug/L		99
100) 1,3,5-Trimethylbenzene	21.519	105	261877	4.778	ug/L		97
101) 1,2,3-Trichloropropane	20.961	75	40213	4.493	ug/L	#	88
102) trans-1,4-Dichloro-2-b...	21.151	53	17151	4.391	ug/L		86
103) 4-Chlorotoluene	21.656	91	234419	4.945	ug/L		96
104) tert-Butylbenzene	22.358	119	224508	4.718	ug/L		98
107) 1,2,4-Trimethylbenzene	22.448	105	253965	4.785	ug/L		96
108) Limonene	23.025	68	49676	2.890	ug/L		99
109) sec-Butylbenzene	22.872	105	330221	4.685	ug/L		97
110) p-Isopropyltoluene	23.215	119	281896	4.689	ug/L		98
111) 1,3-Dichlorobenzene	23.407	146	141433	4.719	ug/L		99
112) 1,4-Dichlorobenzene	23.664	146	143237	4.845	ug/L		99
113) trans-Decahydronaphtha...	24.149	138	44236	2.731	ug/L		98
114) Undecane	23.800	57	87212	2.957	ug/L		99
115) p-Diethylbenzene	24.219	119	169521	4.676	ug/L		98
116) n-Butylbenzene	24.191	91	313094	4.699	ug/L		96
117) Hexachloroethane	25.303	117	33940	3.034	ug/L		91
118) 1,2-Dichlorobenzene	24.522	146	125683	4.710	ug/L		99
119) cis-Decahydronaphthalene	25.613	138	33144	2.676	ug/L		96
120) 1,2,4,5-Tetramethylben...	25.939	119	241926	4.567	ug/L		96
121) 1,2-Dibromo-3-chloropr...	26.285	155	6791	3.963	ug/L		99

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A08.D
Acq On : 15 Jan 2026 09:43 pm
Operator : VOA126:JIC
Sample : I8260STD4.0PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 16 08:40:41 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
122) 1,3,5-Trichlorobenzene	26.751	180	102584	4.916	ug/L	98
123) Nitrobenzene	26.475	77	1605M1	3.404	ug/L	
124) Hexachlorobutadiene	28.229	225	45792	4.324	ug/L	99
125) 1,2,4-Trichlorobenzene	27.969	180	85169	4.860	ug/L	99
126) Naphthalene	28.427	128	147853	4.626	ug/L	100
127) 1,2,3-Trichlorobenzene	28.864	180	72651	4.870	ug/L	98

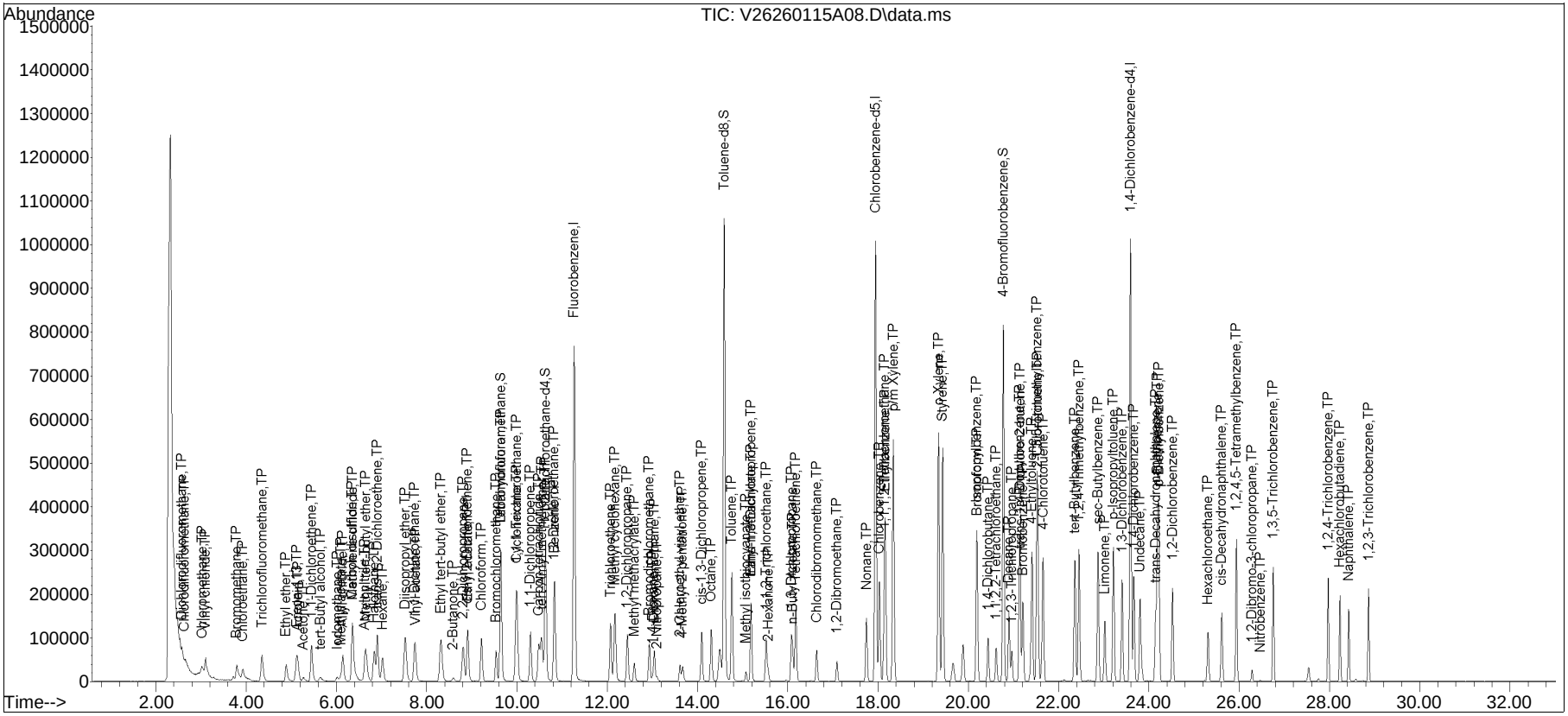
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A08.D
Acq On : 15 Jan 2026 09:43 pm
Operator : VOA126:JIC
Sample : I8260STD4.0PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 16 08:40:41 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

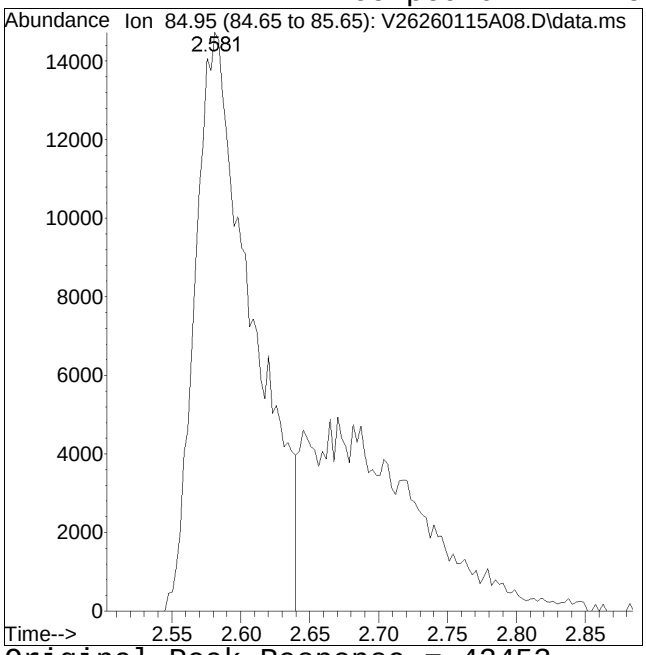
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk0.D•

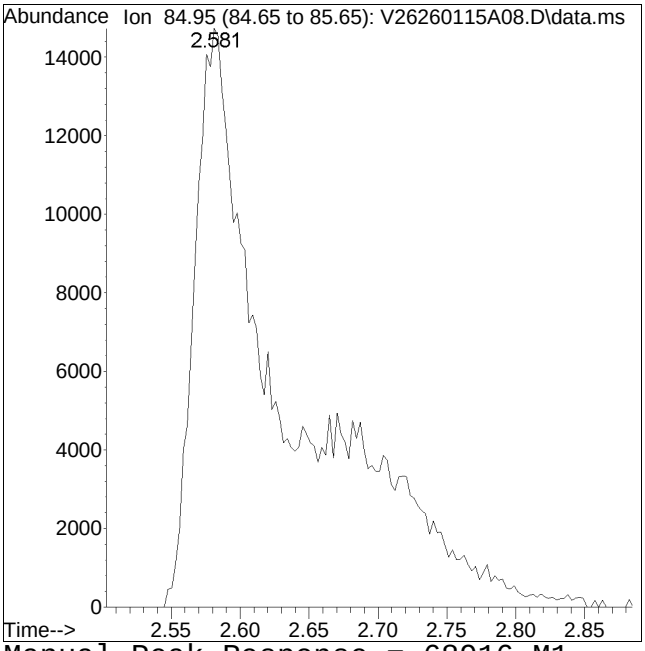


Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A08.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 9:43 pm Instrument : VOA126
Sample : I8260STD4.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #2: Dichlorodifluoromethane



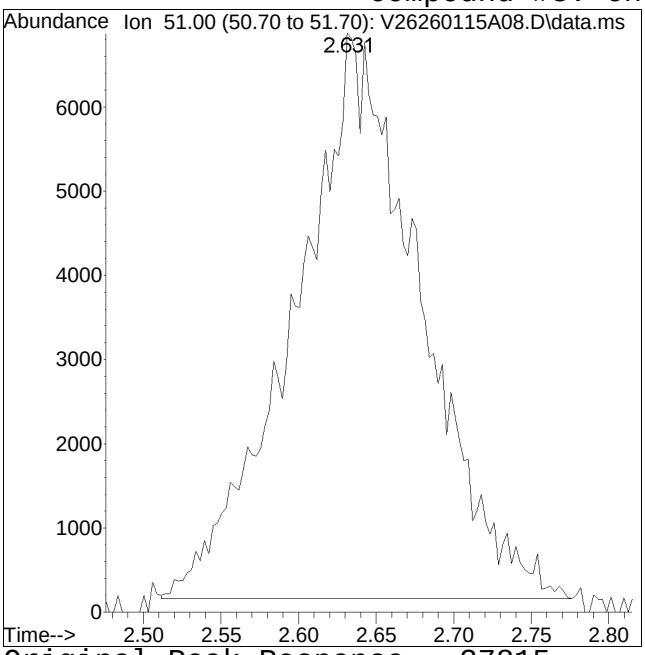


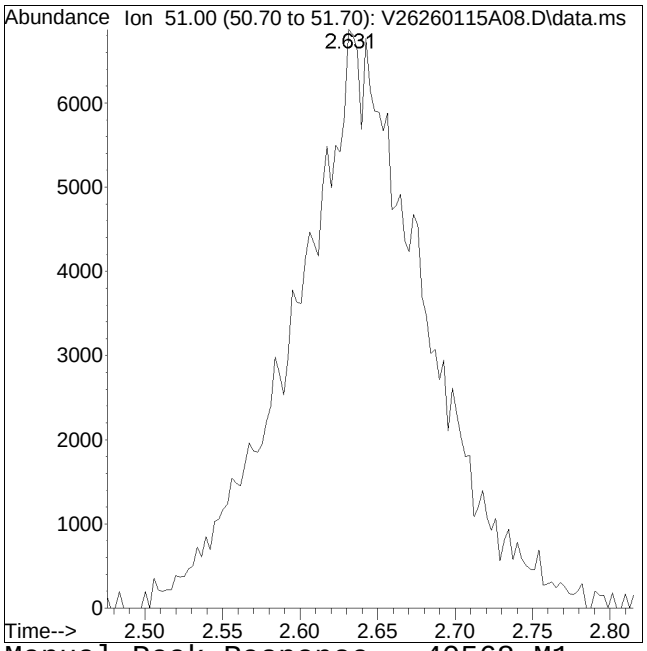
Original Peak Response = 42453 Manual Peak Response = 68916 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A08.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 9:43 pm Instrument : VOA126
Sample : I8260STD4.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #3: Chlorodifluoromethane



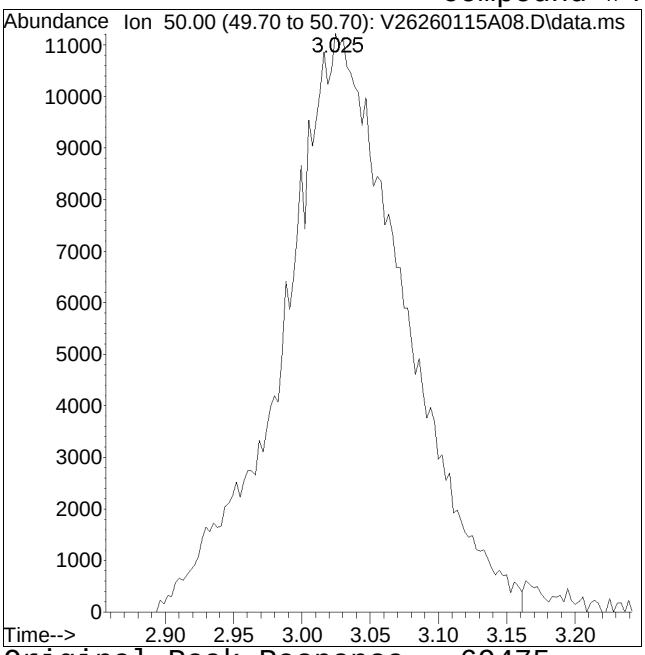


Original Peak Response = 37815 Manual Peak Response = 40568 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

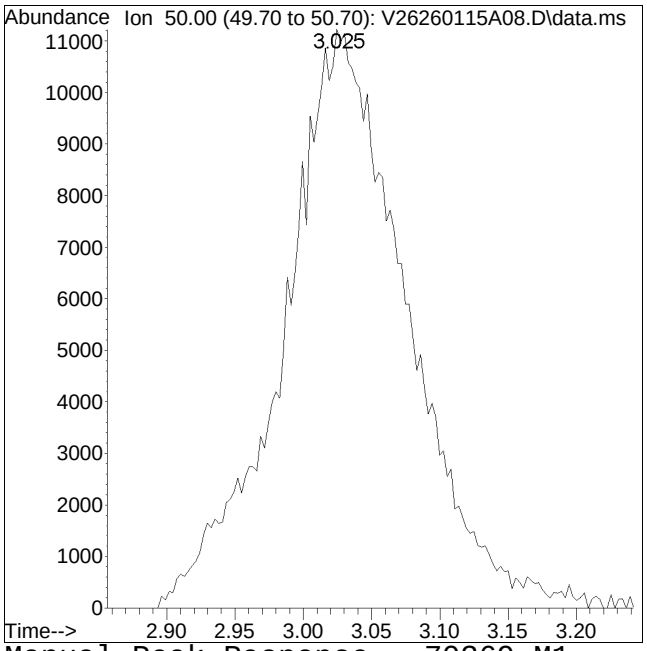
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A08.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 9:43 pm Instrument : VOA126
Sample : I8260STD4.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #4: Chloromethane



Original Peak Response = 69475



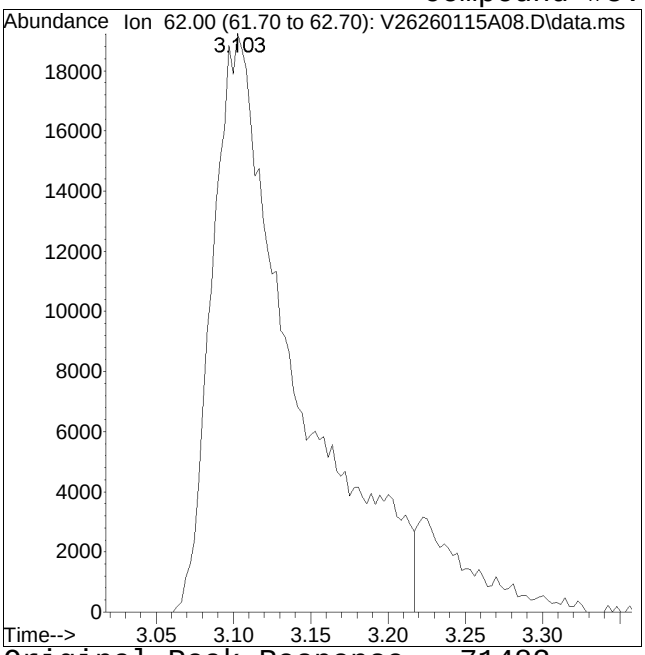
Manual Peak Response = 70369 M1

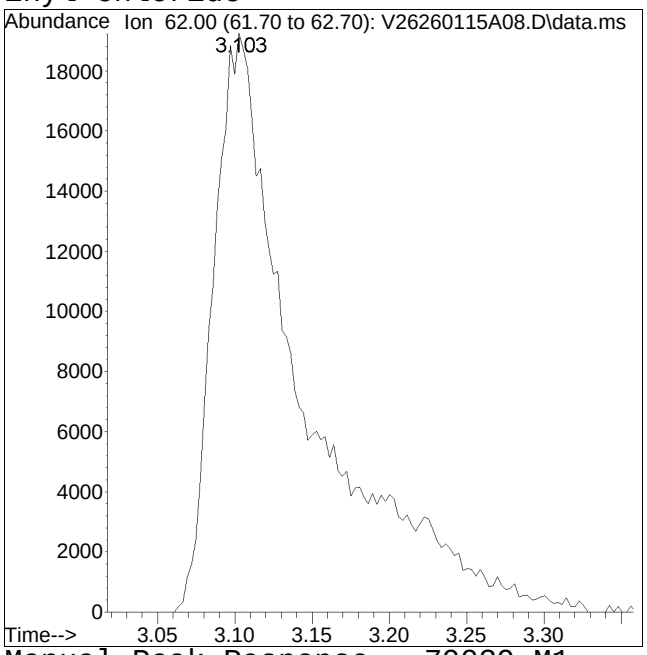
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A08.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 9:43 pm Instrument : VOA126
Sample : I8260STD4.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #5: Vinyl chloride



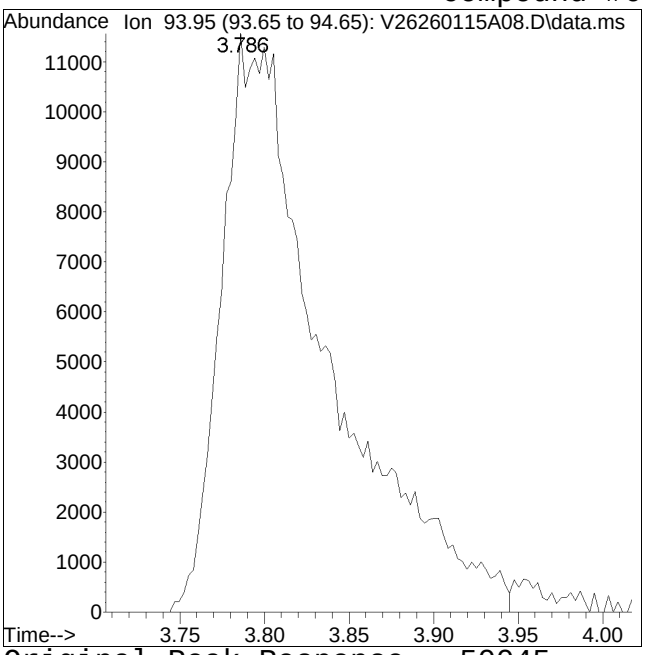


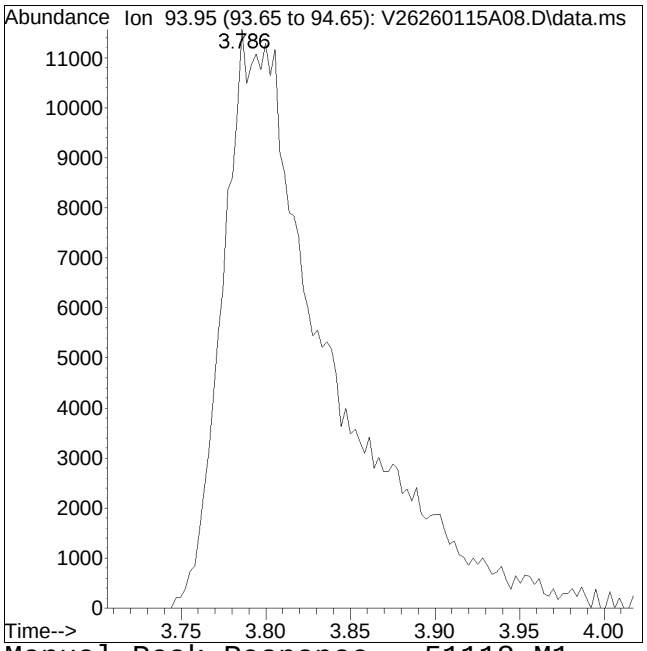
Original Peak Response = 71482 Manual Peak Response = 79039 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A08.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 9:43 pm Instrument : VOA126
Sample : I8260STD4.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #6: Bromomethane



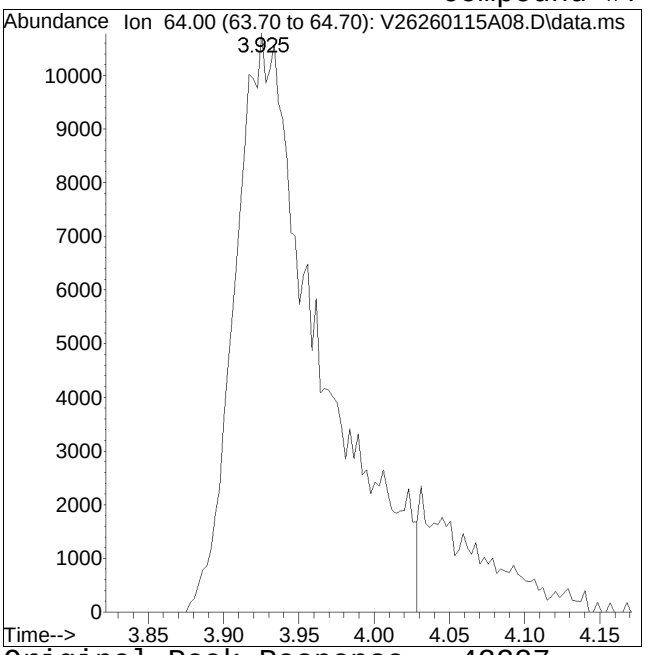


Original Peak Response = 50045 Manual Peak Response = 51118 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

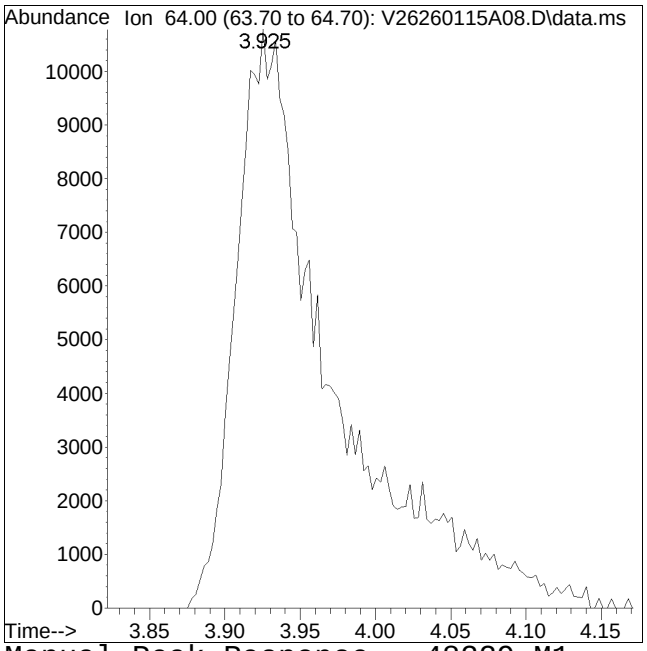
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A08.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 9:43 pm Instrument : VOA126
Sample : I8260STD4.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #7: Chloroethane



Original Peak Response = 42227



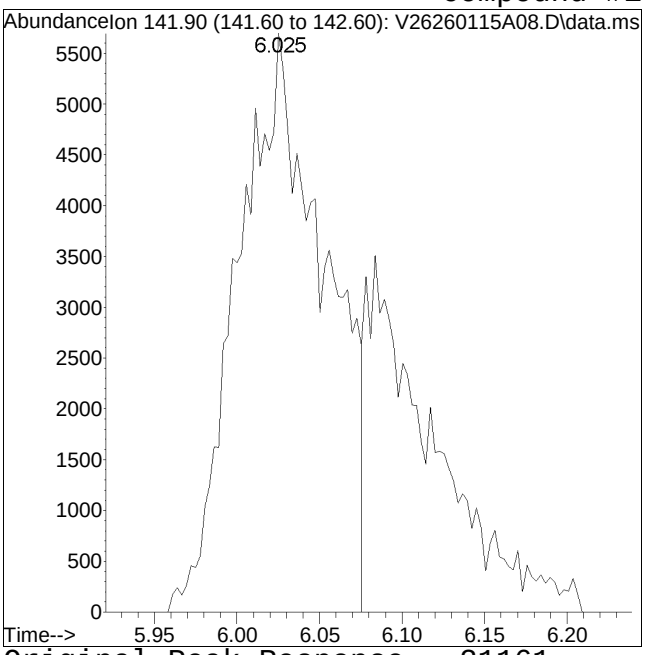
Manual Peak Response = 48229 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

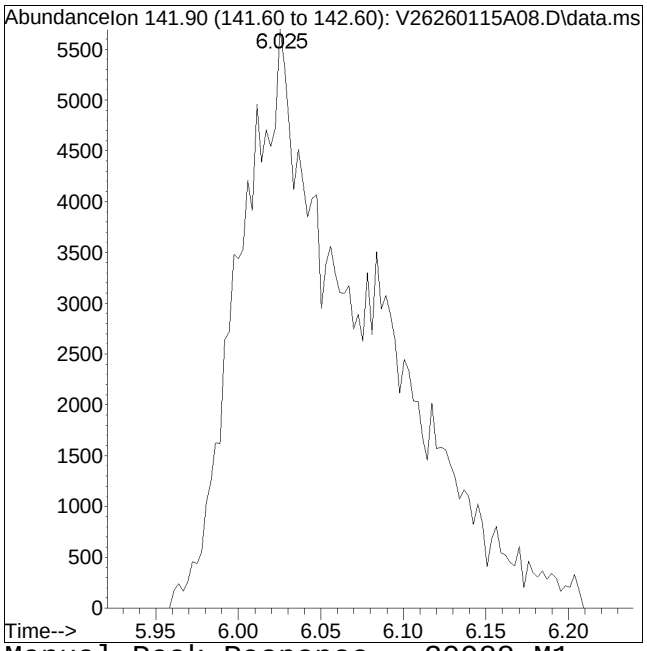
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A08.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 9:43 pm Instrument : VOA126
Sample : I8260STD4.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #14: Iodomethane



Original Peak Response = 21161



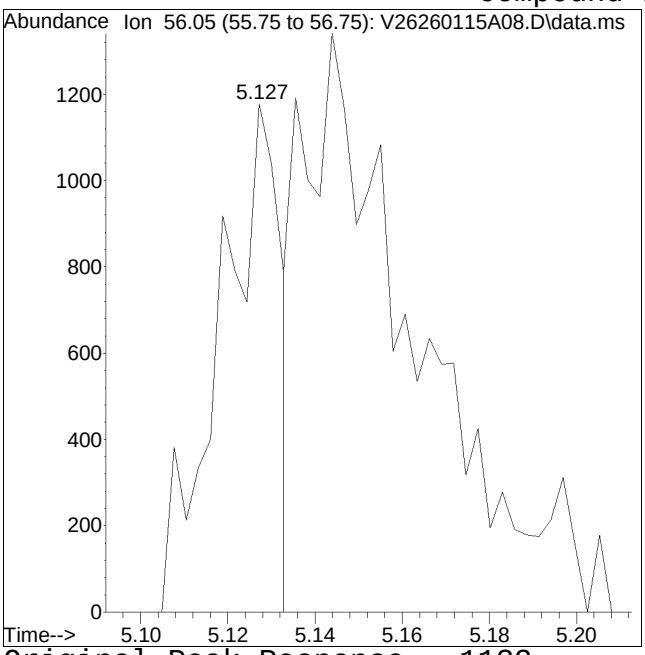
Manual Peak Response = 30988 M1

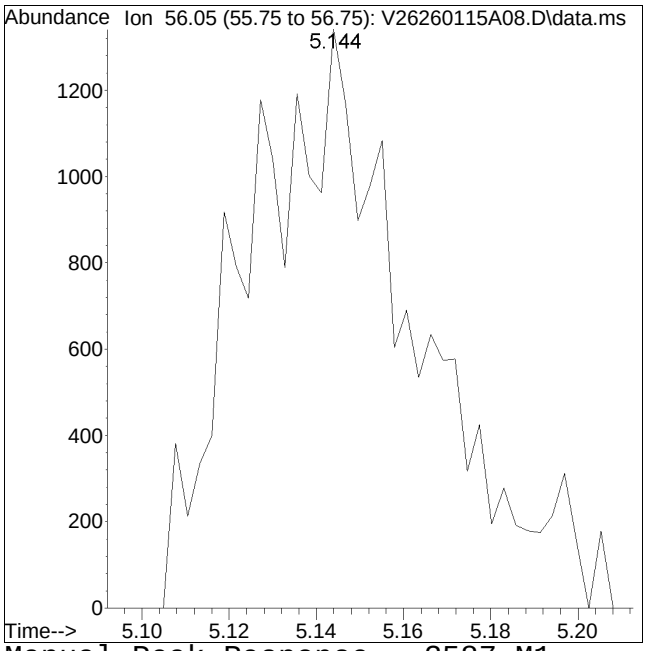
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A08.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 9:43 pm Instrument : VOA126
Sample : I8260STD4.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #15: Acrolein





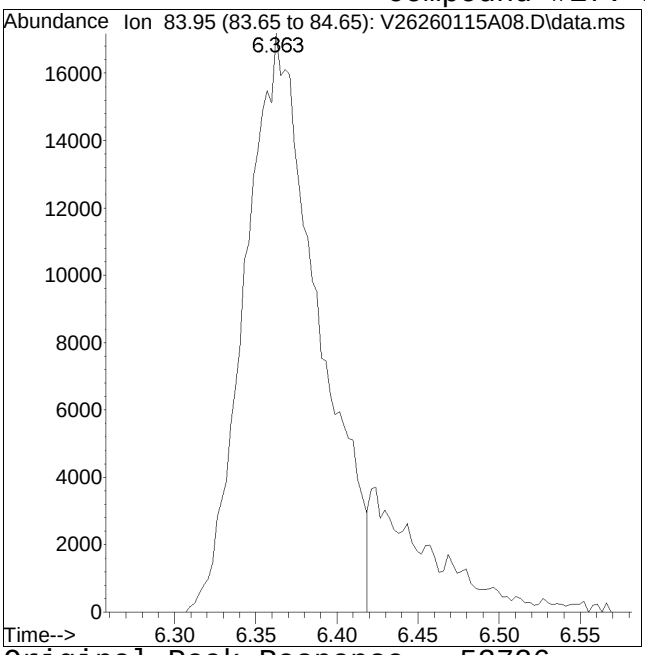
Original Peak Response = 1132 Manual Peak Response = 3587 M1

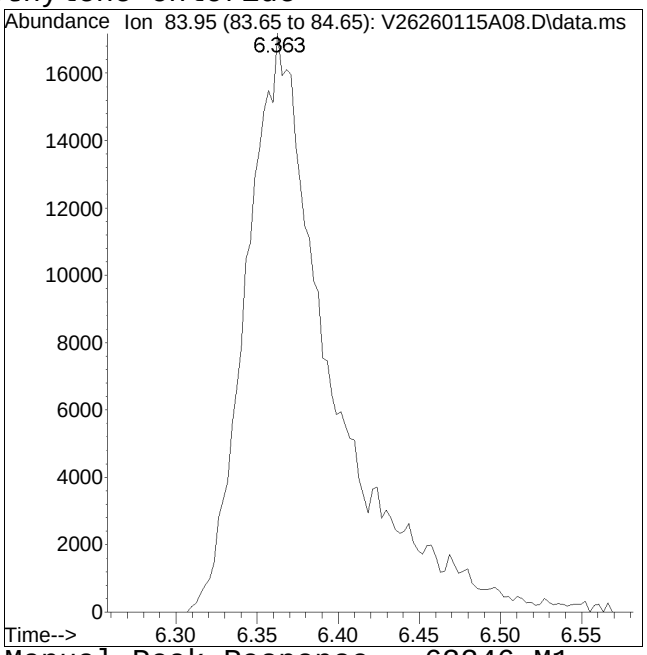
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A08.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 9:43 pm Instrument : VOA126
Sample : I8260STD4.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #17: Methylene chloride



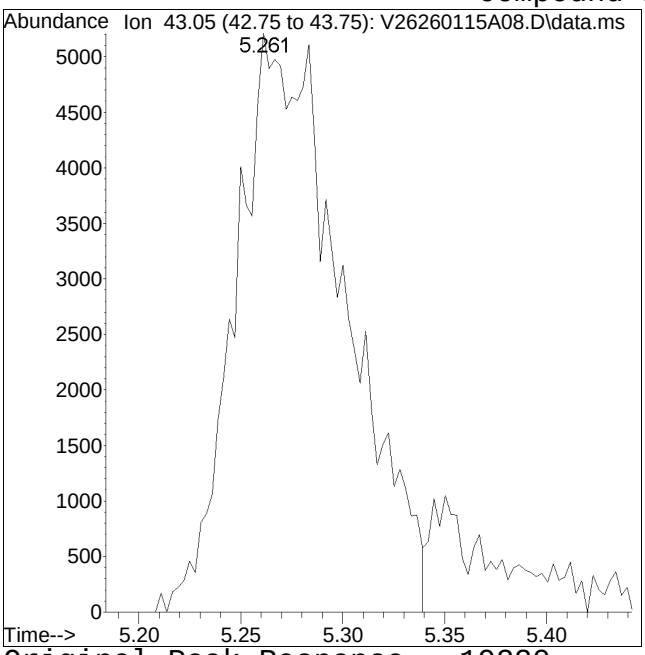


Original Peak Response = 53726 Manual Peak Response = 63246 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

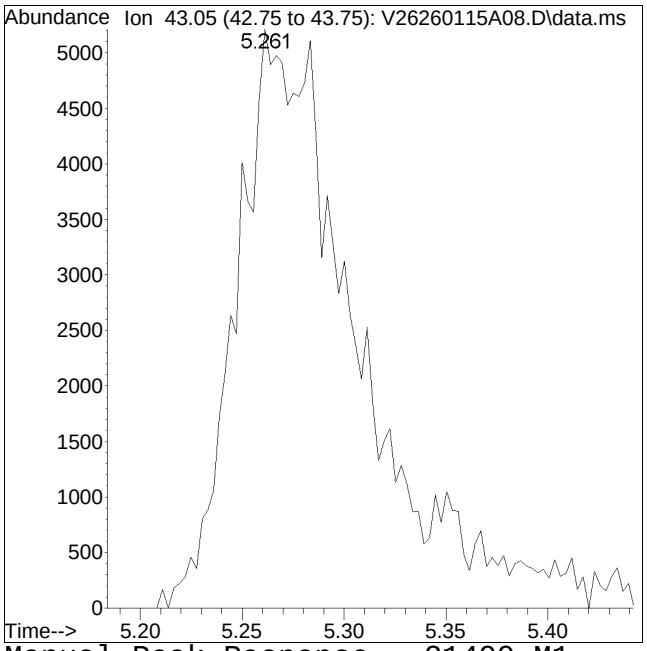
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A08.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 9:43 pm Instrument : VOA126
Sample : I8260STD4.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #19: Acetone



Original Peak Response = 19220



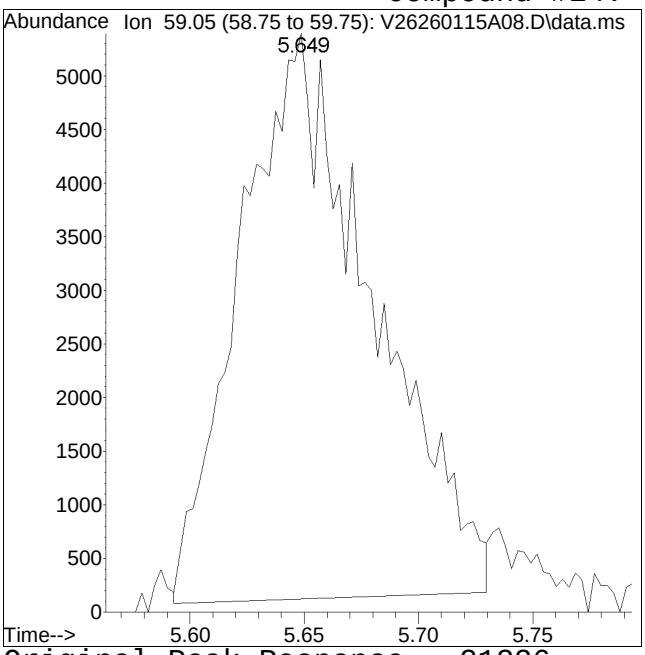
Manual Peak Response = 21490 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

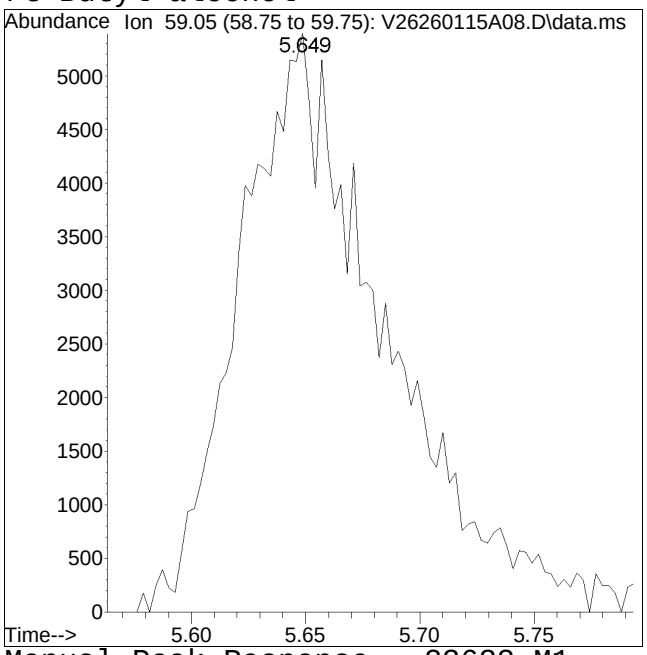
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A08.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 9:43 pm Instrument : VOA126
Sample : I8260STD4.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #24: tert-Butyl alcohol



Original Peak Response = 21226



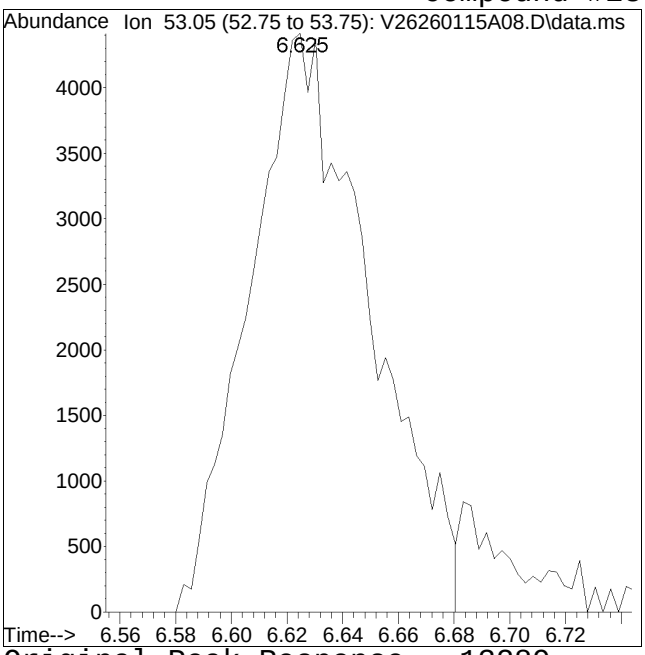
Manual Peak Response = 23632 M1

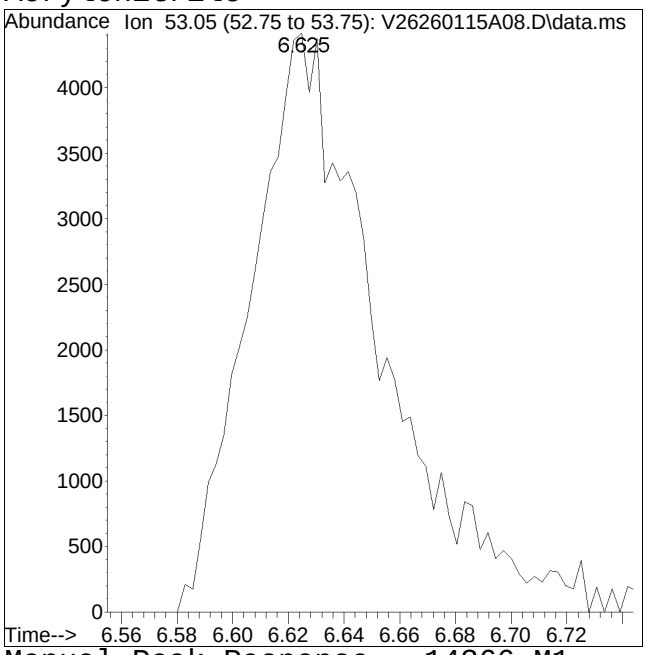
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A08.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 9:43 pm Instrument : VOA126
Sample : I8260STD4.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #28: Acrylonitrile



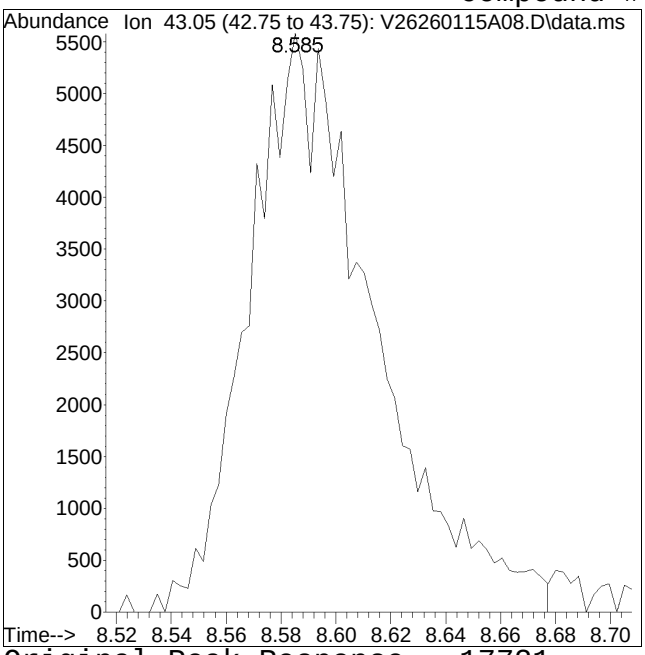


Original Peak Response = 13289 Manual Peak Response = 14366 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

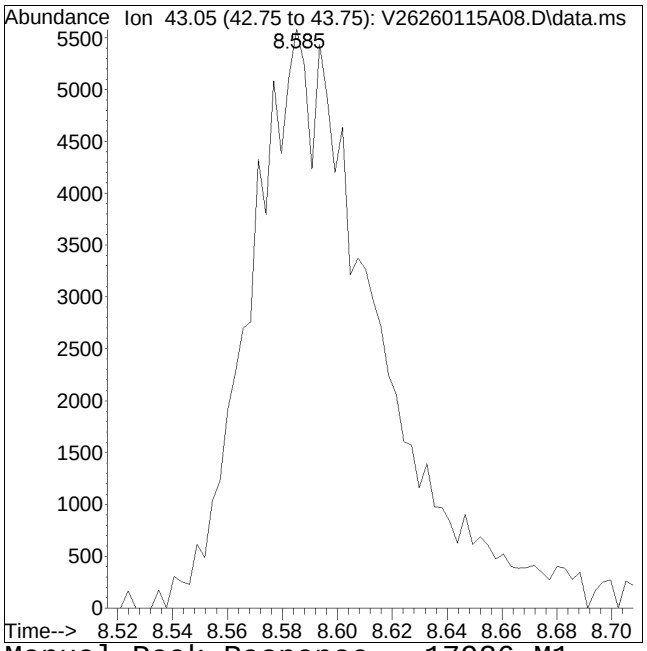
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A08.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 9:43 pm Instrument : VOA126
Sample : I8260STD4.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #42: 2-Butanone



Original Peak Response = 17721



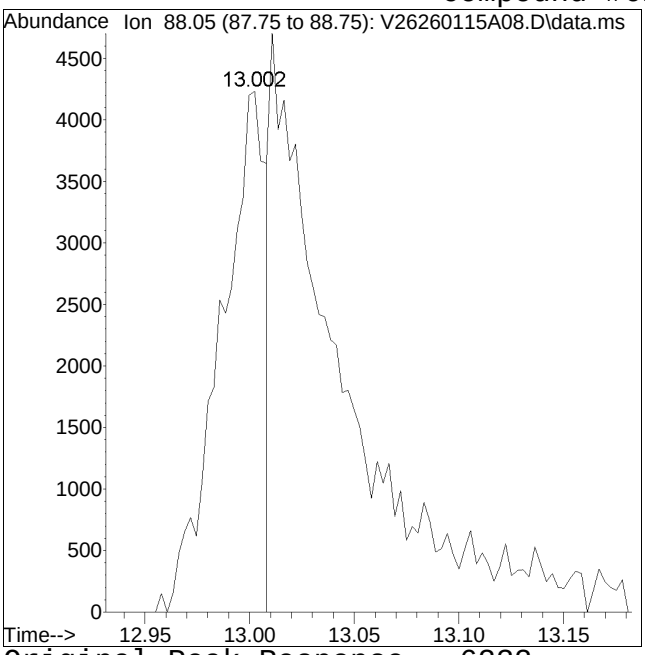
Manual Peak Response = 17926 M1

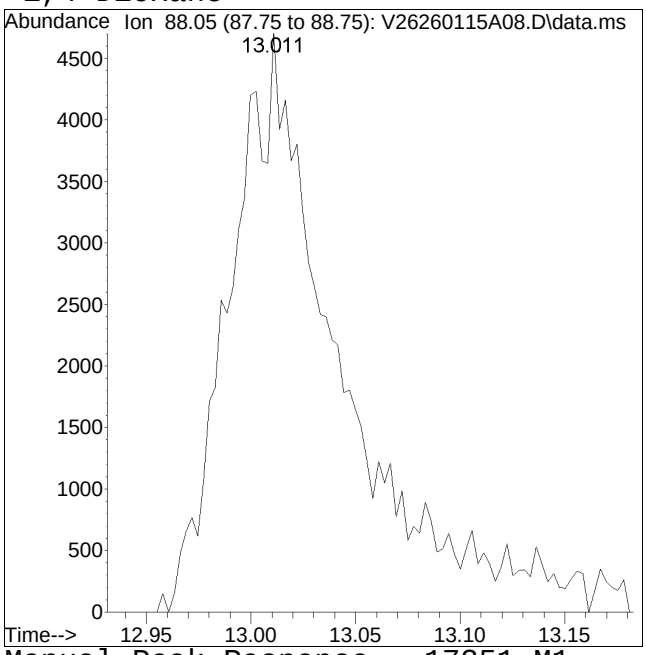
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A08.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 9:43 pm Instrument : VOA126
Sample : I8260STD4.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #61: 1,4-Dioxane



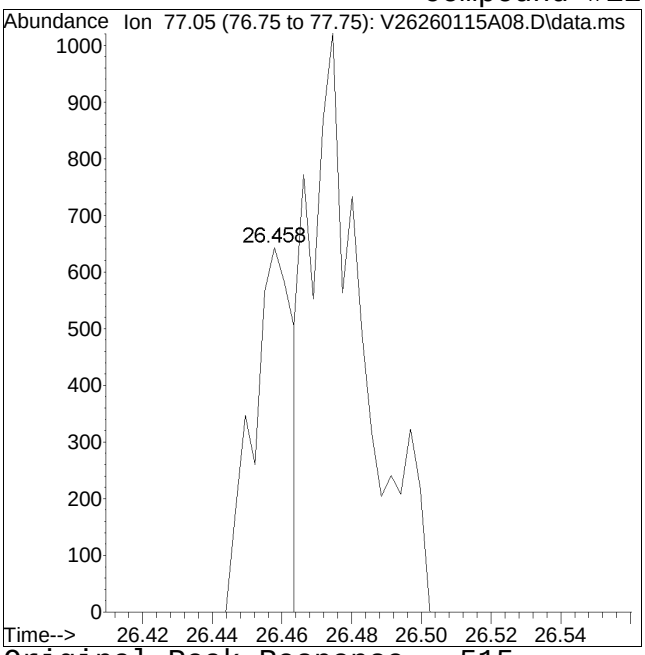


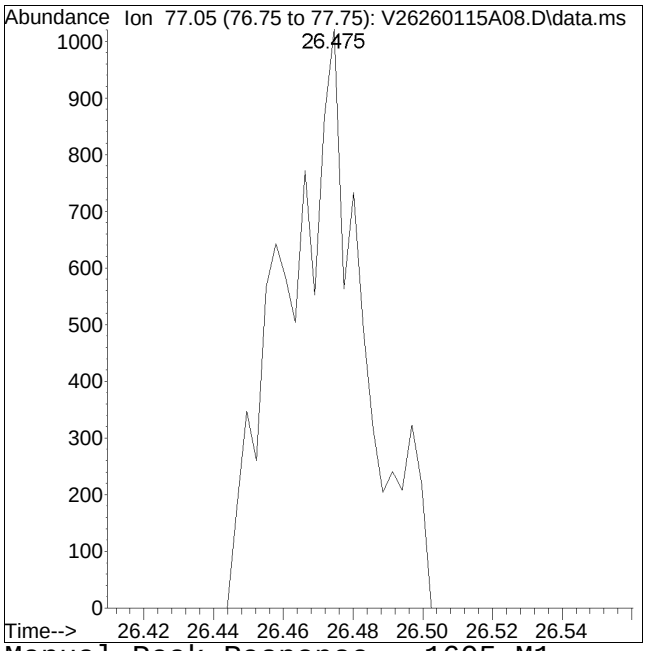
Original Peak Response = 6232 Manual Peak Response = 17251 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A08.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 9:43 pm Instrument : VOA126
Sample : I8260STD4.0PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #123: Nitrobenzene





Original Peak Response = 515 Manual Peak Response = 1605 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A09.D
Acq On : 15 Jan 2026 10:22 pm
Operator : VOA126:JIC
Sample : I8260STD20PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 16 08:41:59 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	11.268	96	1055070	20.000	ug/L	0.00
Standard Area 1 = 1049446			Recovery = 100.54%			
63) Chlorobenzene-d5	17.944	117	833705	20.000	ug/L	0.00
Standard Area 1 = 824443			Recovery = 101.12%			
88) 1,4-Dichlorobenzene-d4	23.591	152	407553	20.000	ug/L	0.00
Standard Area 1 = 407086			Recovery = 100.11%			
System Monitoring Compounds						
39) Dibromofluoromethane	9.645	113	261031	20.017	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.09%			
47) 1,2-Dichloroethane-d4	10.638	65	259844	20.536	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.68%			
65) Toluene-d8	14.592	98	1079360	19.988	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.94%			
92) 4-Bromofluorobenzene	20.774	95	407799	20.469	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.35%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.584	85	322183M1	19.336	ug/L	
3) Chlorodifluoromethane	2.651	51	186953	19.387	ug/L #	96
4) Chloromethane	3.030	50	315623	19.385	ug/L	94
5) Vinyl chloride	3.103	62	368827M1	19.320	ug/L	
6) Bromomethane	3.794	94	210432M1	19.531	ug/L	
7) Chloroethane	3.922	64	220154M1	19.520	ug/L	
8) Trichlorofluoromethane	4.352	101	427235	19.509	ug/L	98
9) Ethyl ether	4.887	74	136137	19.874	ug/L	96
11) 1,1-Dichloroethene	5.451	96	249501	19.312	ug/L	94
12) Carbon disulfide	6.349	76	872150	19.510	ug/L	100
13) Freon-113	5.124	101	252339	19.589	ug/L	100
14) Iodomethane	6.019	142	229433M1	17.051	ug/L	
15) Acrolein	5.138	56	16457M1	20.614	ug/L	
16) Allyl chloride	6.145	76	139599	19.359	ug/L	90
17) Methylene chloride	6.360	84	277774	19.946	ug/L	97
19) Acetone	5.261	43	71828	22.386	ug/L	99
20) trans-1,2-Dichloroethene	6.909	96	283252	19.513	ug/L	97
21) Methyl acetate	6.098	43	118516	20.223	ug/L	95
22) Hexane	7.023	57	365797	19.618	ug/L	97
23) Methyl tert-butyl ether	6.647	73	692541	20.137	ug/L	98
24) tert-Butyl alcohol	5.635	59	113371	102.920	ug/L	96

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A09.D
Acq On : 15 Jan 2026 10:22 pm
Operator : VOA126:JIC
Sample : I8260STD20PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 16 08:41:59 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Diisopropyl ether	7.520	45	814417	19.621	ug/L		98
26) 1,1-Dichloroethane	7.729	63	517228	19.630	ug/L		100
27) Halothane	6.842	117	212718	19.404	ug/L		100
28) Acrylonitrile	6.625	53	68318	20.781	ug/L		98
29) Ethyl tert-butyl ether	8.312	59	816119	19.593	ug/L		98
30) Vinyl acetate	7.757	43	422672	19.618	ug/L		98
31) cis-1,2-Dichloroethene	8.909	96	302489	19.637	ug/L		100
32) 2,2-Dichloropropane	8.808	77	424009	19.672	ug/L		96
33) Bromochloromethane	9.542	128	130977	20.102	ug/L		97
34) Cyclohexane	9.993	56	477554	19.314	ug/L		99
35) Chloroform	9.215	83	509238	19.866	ug/L		99
36) Ethyl acetate	8.911	43	164826	20.299	ug/L	#	93
37) Carbon tetrachloride	10.481	117	399463	19.298	ug/L		99
38) Tetrahydrofuran	9.622	42	52198	20.829	ug/L		93
40) 1,1,1-Trichloroethane	9.985	97	443060	19.439	ug/L		99
42) 2-Butanone	8.579	43	76346	21.198	ug/L		99
43) 1,1-Dichloropropene	10.300	75	372149	19.518	ug/L		99
44) Heptane	10.624	71	242470	19.593	ug/L		98
45) Benzene	10.836	78	1063744	19.587	ug/L		98
46) tert-Amyl methyl ether	10.540	73	690318	19.709	ug/L		100
48) 1,2-Dichloroethane	10.824	62	353131	20.052	ug/L		99
51) Methyl cyclohexane	12.174	83	462653	19.414	ug/L		100
52) Trichloroethene	12.071	95	295730	19.293	ug/L		98
54) Dibromomethane	13.044	93	149487	19.717	ug/L		97
55) 1,2-Dichloropropane	12.445	63	284271	19.516	ug/L		99
57) 2-Chloroethyl vinyl ether	13.607	63	117724	20.512	ug/L		92
58) Bromodichloromethane	12.933	83	382518	19.301	ug/L		100
60) Methyl methacrylate	12.598	69	141515	21.765	ug/L		93
61) 1,4-Dioxane	12.997	88	79553M1	1012.410	ug/L		
62) cis-1,3-Dichloropropene	14.093	75	430428	19.193	ug/L		97
64) Octane	14.305	85	274661	19.312	ug/L		98
66) Toluene	14.762	92	705109	19.192	ug/L		96
67) 4-Methyl-2-pentanone	13.666	58	77132	19.996	ug/L		83
68) Tetrachloroethene	16.181	166	317596	19.600	ug/L		100
69) 2-Nitropropane	13.100	41	49256	22.444	ug/L	#	91
71) trans-1,3-Dichloropropene	15.189	75	364213	18.882	ug/L		96
72) Methyl isothiocyanate	15.074	73	136626	21.675	ug/L		99
74) Ethyl methacrylate	15.180	69	296285	19.456	ug/L		99
75) 1,1,2-Trichloroethane	15.521	83	175790	19.111	ug/L		99
76) Chlorodibromomethane	16.639	129	269882	18.821	ug/L		99

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A09.D
Acq On : 15 Jan 2026 10:22 pm
Operator : VOA126:JIC
Sample : I8260STD20PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 16 08:41:59 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) 1,3-Dichloropropane	16.084	76	360520	19.532	ug/L	100
78) 1,2-Dibromoethane	17.088	107	208083	19.564	ug/L	99
79) n-Butyl Acetate	16.106	43	344401	21.786	ug/L	96
80) 2-Hexanone	15.557	43	128917	20.208	ug/L	95
81) Nonane	17.743	57	518680	19.061	ug/L	99
82) Chlorobenzene	18.030	112	791644	19.349	ug/L	99
83) Ethylbenzene	18.159	91	1382276	19.441	ug/L	96
84) 1,1,1,2-Tetrachloroethane	18.139	131	282129	19.094	ug/L	99
85) p/m Xylene	18.337	106	1065315	38.763	ug/L	88
86) o Xylene	19.338	106	1022536	38.477	ug/L	85
87) Styrene	19.430	104	1723786	38.409	ug/L	96
89) Bromoform	20.200	173	160939	19.134	ug/L	100
91) Isopropylbenzene	20.189	105	1361363	19.560	ug/L	96
93) Bromobenzene	21.207	156	323295	19.679	ug/L	100
94) Decane	20.900	57	588405	19.134	ug/L	99
95) n-Propylbenzene	21.137	91	1585198	19.762	ug/L	96
96) 1,4-Dichlorobutane	20.440	55	382498	20.101	ug/L	99
97) 1,1,2,2-Tetrachloroethane	20.615	83	255529	19.963	ug/L	100
98) 4-Ethyltoluene	21.410	105	1290680	19.658	ug/L	96
99) 2-Chlorotoluene	21.538	91	1027520	19.679	ug/L	98
100) 1,3,5-Trimethylbenzene	21.522	105	1096359	19.672	ug/L	97
101) 1,2,3-Trichloropropane	20.961	75	183856	20.204	ug/L	99
102) trans-1,4-Dichloro-2-b...	21.154	53	78275	19.707	ug/L	99
103) 4-Chlorotoluene	21.656	91	954122	19.793	ug/L	97
104) tert-Butylbenzene	22.361	119	941262	19.453	ug/L	99
107) 1,2,4-Trimethylbenzene	22.448	105	1059218	19.625	ug/L	96
108) Limonene	23.022	68	345068	19.745	ug/L	99
109) sec-Butylbenzene	22.871	105	1404033	19.592	ug/L	97
110) p-Isopropyltoluene	23.214	119	1189409	19.457	ug/L	98
111) 1,3-Dichlorobenzene	23.407	146	598539	19.640	ug/L	99
112) 1,4-Dichlorobenzene	23.666	146	590164	19.630	ug/L	99
113) trans-Decahydronaphtha...	24.149	138	317654	19.287	ug/L	99
114) Undecane	23.803	57	584507	19.487	ug/L	100
115) p-Diethylbenzene	24.221	119	712766	19.335	ug/L	100
116) n-Butylbenzene	24.191	91	1330353	19.634	ug/L	97
117) Hexachloroethane	25.309	117	222107	19.527	ug/L	91
118) 1,2-Dichlorobenzene	24.522	146	534800	19.709	ug/L	99
119) cis-Decahydronaphthalene	25.613	138	241795	19.202	ug/L	99
120) 1,2,4,5-Tetramethylben...	25.936	119	1032228	19.165	ug/L	96
121) 1,2-Dibromo-3-chloropr...	26.285	155	34369	19.723	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A09.D
Acq On : 15 Jan 2026 10:22 pm
Operator : VOA126:JIC
Sample : I8260STD20PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 16 08:41:59 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
122) 1,3,5-Trichlorobenzene	26.753	180	415028	19.558	ug/L		98
123) Nitrobenzene	26.466	77	9845	20.535	ug/L	#	88
124) Hexachlorobutadiene	28.234	225	207146	19.235	ug/L		99
125) 1,2,4-Trichlorobenzene	27.969	180	351713	19.737	ug/L		98
126) Naphthalene	28.424	128	647552	19.927	ug/L		100
127) 1,2,3-Trichlorobenzene	28.864	180	300053	19.781	ug/L		98

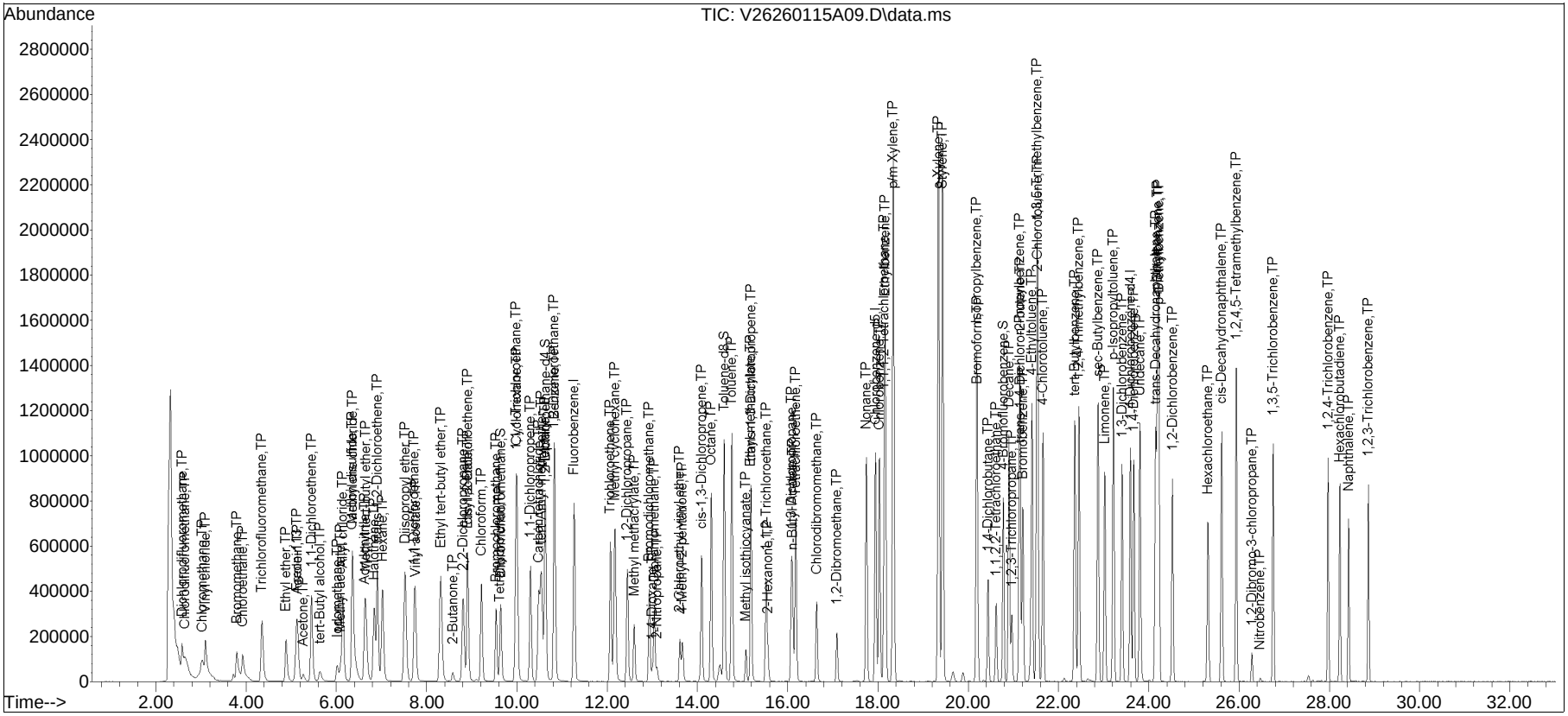
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A09.D
Acq On : 15 Jan 2026 10:22 pm
Operator : VOA126:JIC
Sample : I8260STD20PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 16 08:41:59 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

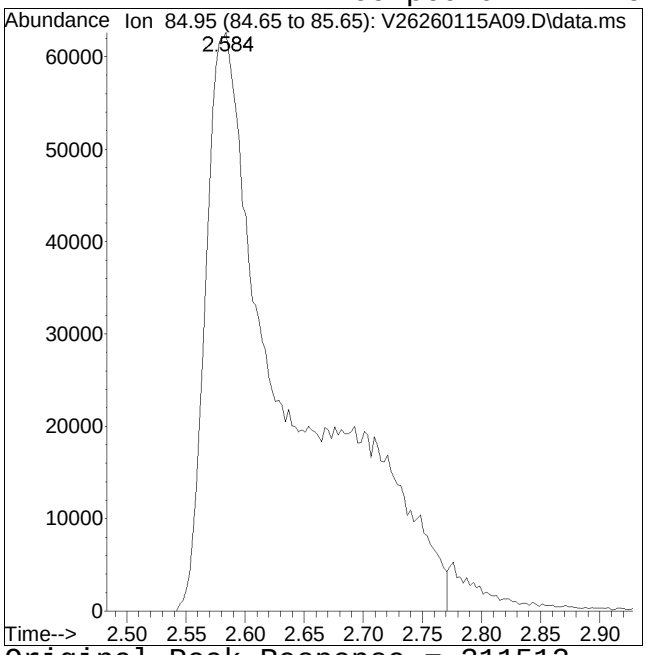
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk0.D•

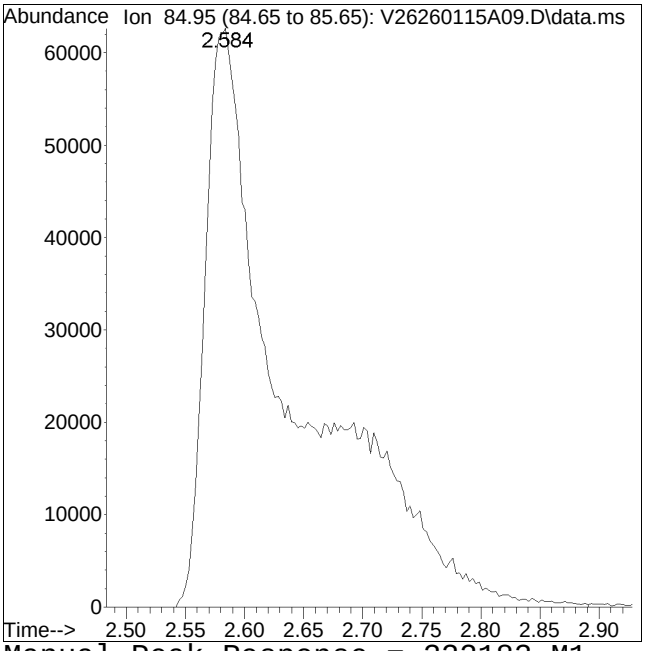


Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A09.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 10:22 pm Instrument : VOA126
Sample : I8260STD20PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #2: Dichlorodifluoromethane



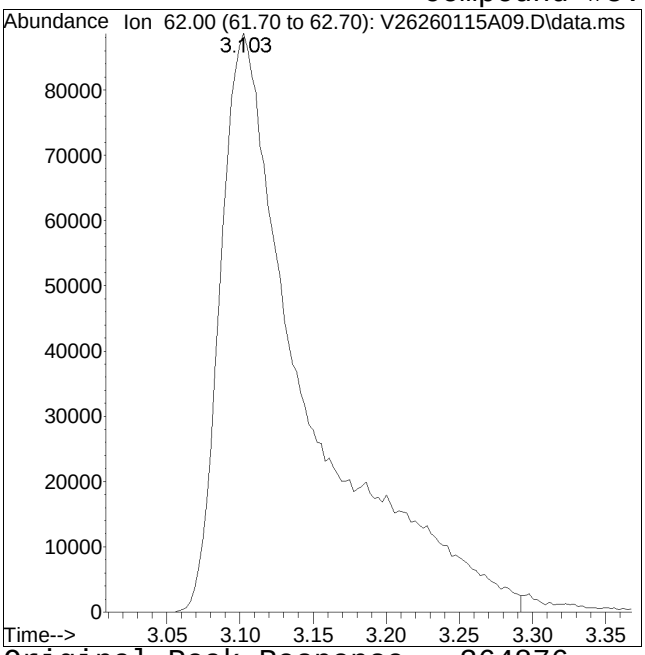


Original Peak Response = 311512 Manual Peak Response = 322183 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

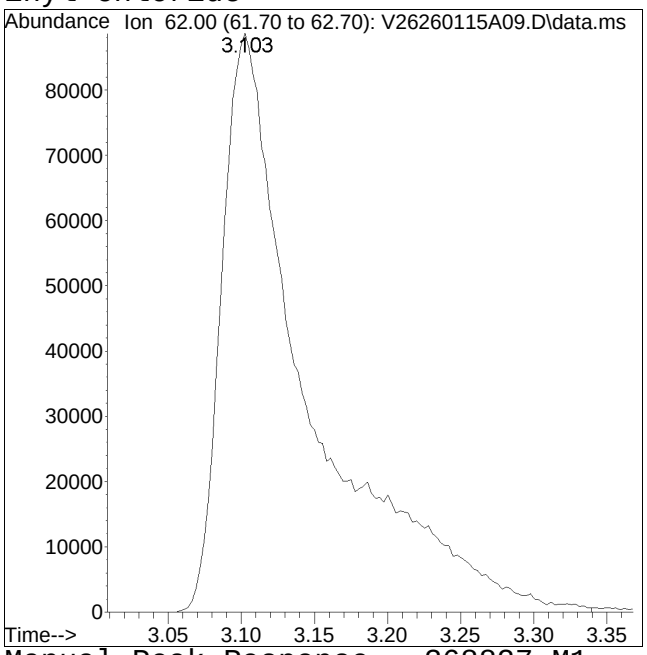
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A09.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 10:22 pm Instrument : VOA126
Sample : I8260STD20PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #5: Vinyl chloride



Original Peak Response = 364876



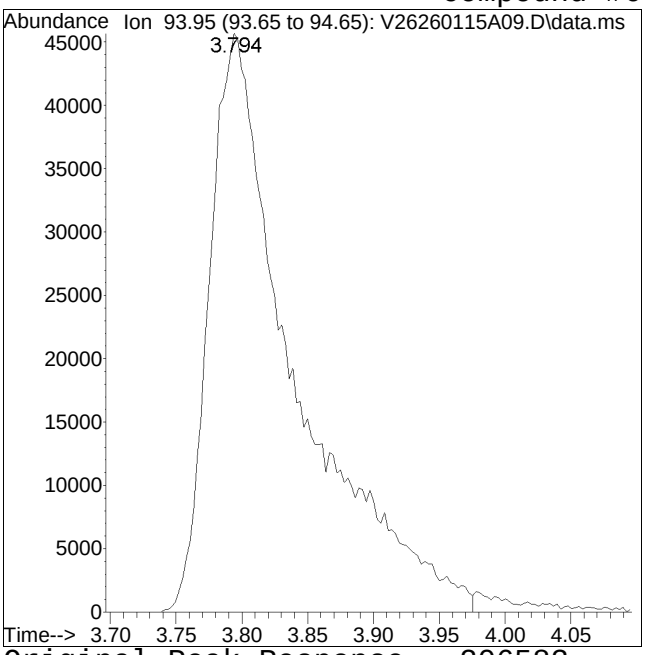
Manual Peak Response = 368827 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

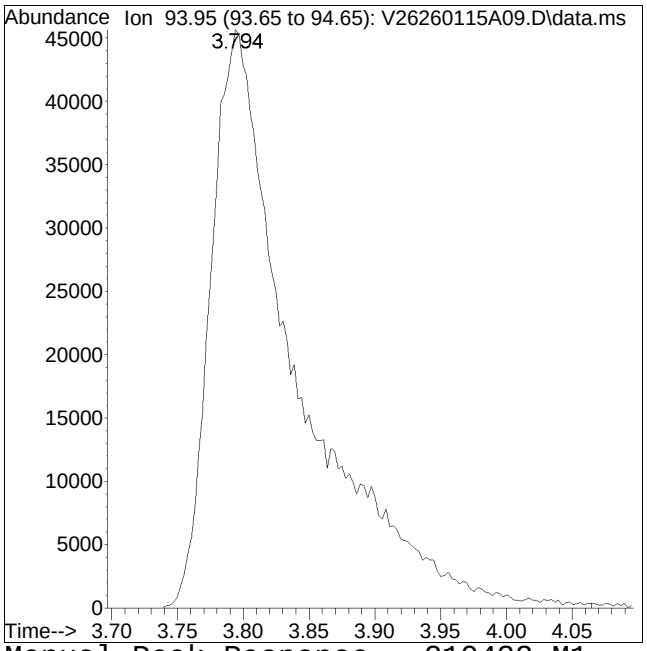
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A09.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 10:22 pm Instrument : VOA126
Sample : I8260STD20PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #6: Bromomethane



Original Peak Response = 206583



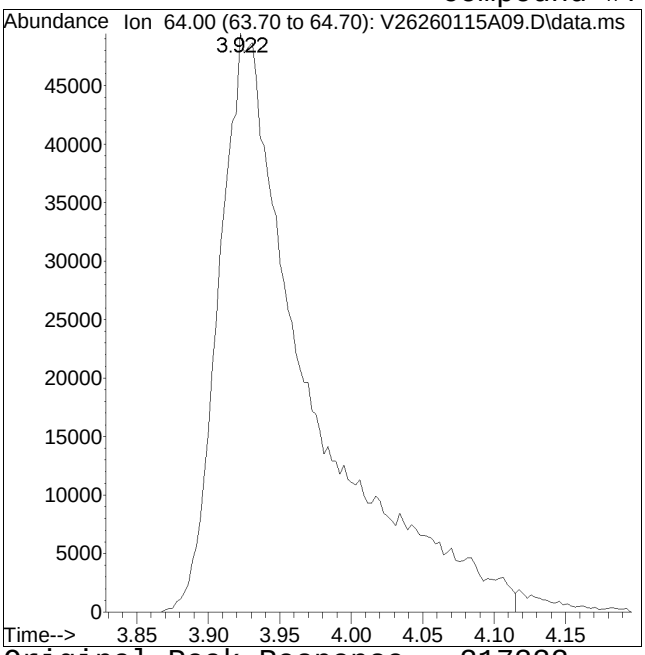
Manual Peak Response = 210432 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

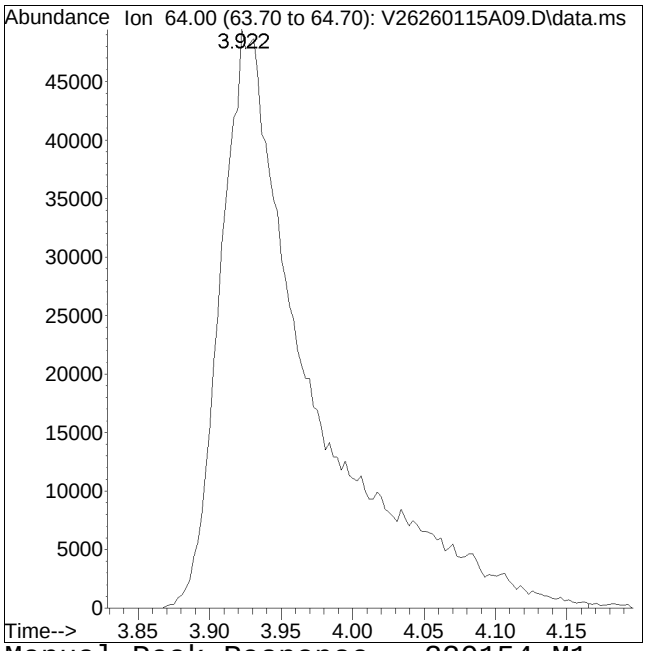
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A09.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 10:22 pm Instrument : VOA126
Sample : I8260STD20PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #7: Chloroethane



Original Peak Response = 217332



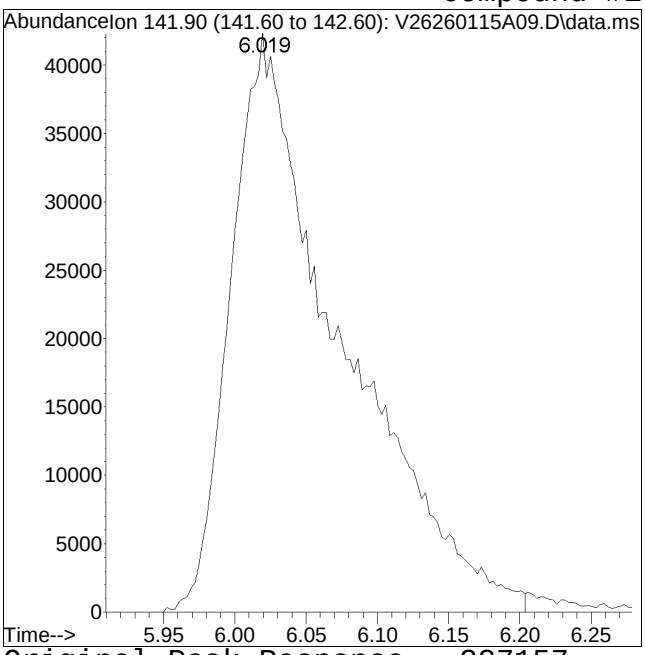
Manual Peak Response = 220154 M1

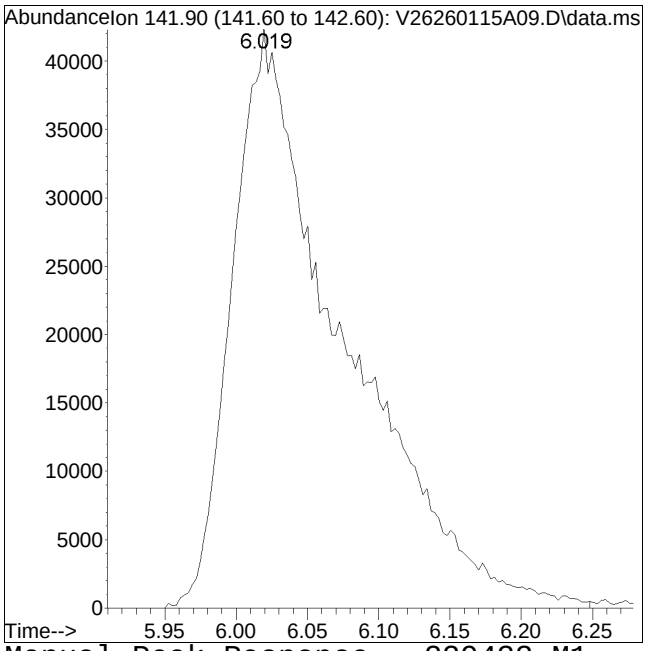
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A09.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 10:22 pm Instrument : VOA126
Sample : I8260STD20PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #14: Iodomethane



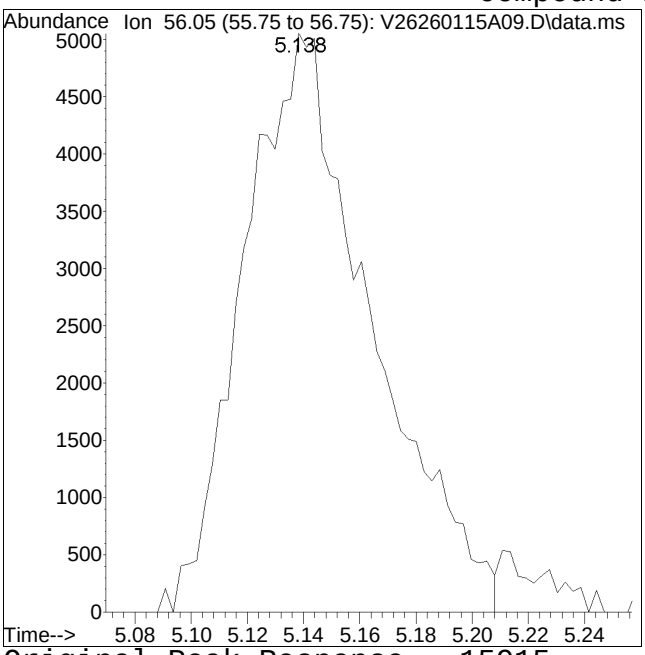


Original Peak Response = 227157 Manual Peak Response = 229433 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

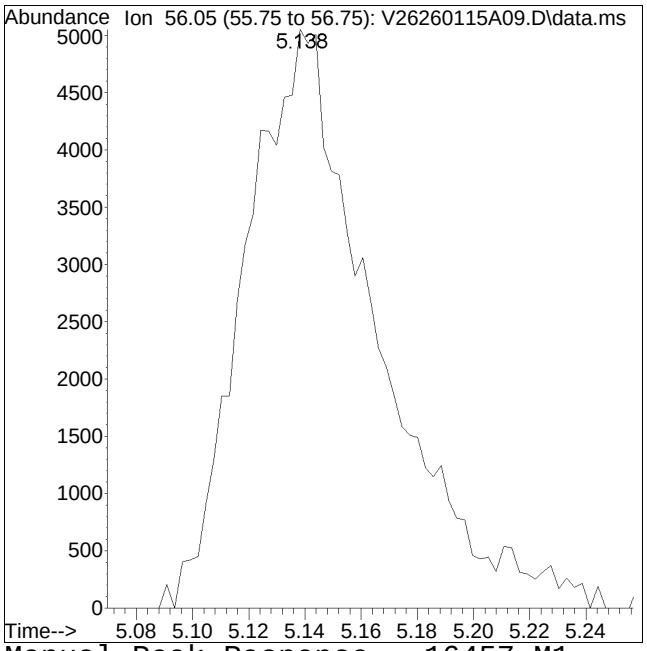
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A09.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 10:22 pm Instrument : VOA126
Sample : I8260STD20PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #15: Acrolein



Original Peak Response = 15915



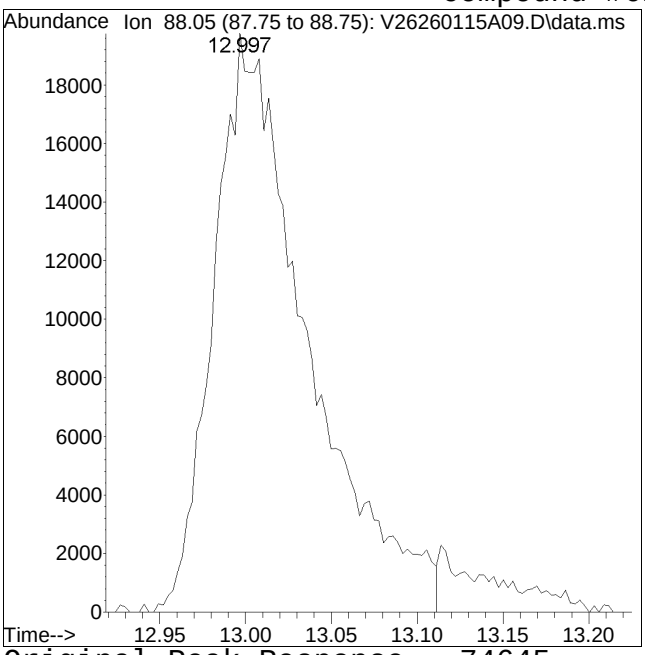
Manual Peak Response = 16457 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

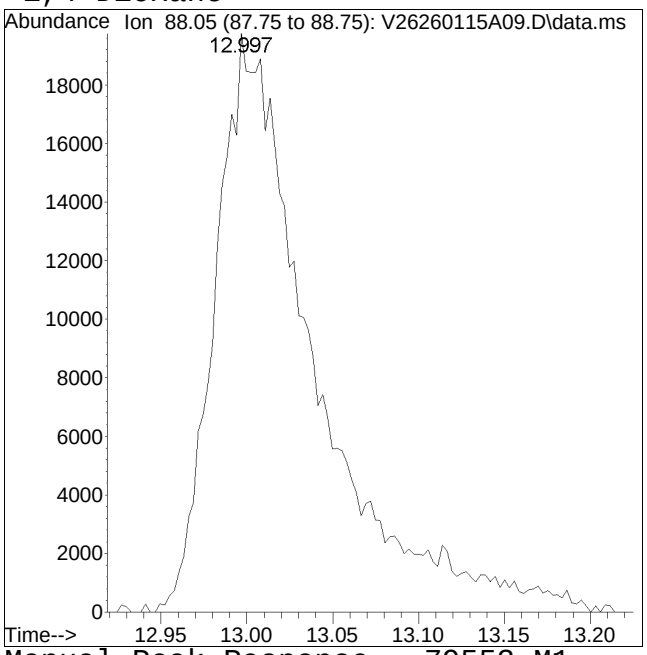
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A09.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 10:22 pm Instrument : VOA126
Sample : I8260STD20PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #61: 1,4-Dioxane



Original Peak Response = 74645



Manual Peak Response = 79553 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A10.D
Acq On : 15 Jan 2026 11:01 pm
Operator : VOA126:JIC
Sample : I8260STD40PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 16 08:24:21 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:23:58 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	11.268	96	1049446	20.000	ug/L	0.00
Standard Area 1 = 1049446			Recovery = 100.00%			
63) Chlorobenzene-d5	17.947	117	824443	20.000	ug/L	0.00
Standard Area 1 = 824443			Recovery = 100.00%			
88) 1,4-Dichlorobenzene-d4	23.591	152	407086	20.000	ug/L	0.00
Standard Area 1 = 407086			Recovery = 100.00%			
System Monitoring Compounds						
39) Dibromofluoromethane	9.645	113	259421	20.000	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.00%			
47) 1,2-Dichloroethane-d4	10.638	65	251713	20.000	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.00%			
65) Toluene-d8	14.589	98	1068005	20.000	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.00%			
92) 4-Bromofluorobenzene	20.775	95	398004	20.000	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.581	85	662936M1	40.000	ug/L	
3) Chlorodifluoromethane	2.648	51	383668	40.019	ug/L #	83
4) Chloromethane	3.025	50	647786	39.948	ug/L	91
5) Vinyl chloride	3.103	62	759548M1	40.000	ug/L	
6) Bromomethane	3.794	94	428665M1	40.000	ug/L	
7) Chloroethane	3.925	64	448741M1	40.000	ug/L	
8) Trichlorofluoromethane	4.352	101	871285	40.000	ug/L	98
9) Ethyl ether	4.885	74	272534	40.000	ug/L	95
11) 1,1-Dichloroethene	5.448	96	514034	40.000	ug/L	95
12) Carbon disulfide	6.349	76	1778599	40.000	ug/L	100
13) Freon-113	5.124	101	512524	40.000	ug/L	100
14) Iodomethane	6.014	142	535371M1	40.000	ug/L	
15) Acrolein	5.136	56	31764M1	40.000	ug/L	
16) Allyl chloride	6.142	76	286905	40.000	ug/L	88
17) Methylene chloride	6.363	84	554069	40.000	ug/L	97
19) Acetone	5.261	43	127663	40.000	ug/L	97
20) trans-1,2-Dichloroethene	6.909	96	577557	40.000	ug/L	98
21) Methyl acetate	6.098	43	233173	40.000	ug/L	97
22) Hexane	7.021	57	741880	40.008	ug/L	98
23) Methyl tert-butyl ether	6.641	73	1368322	40.000	ug/L	98
24) tert-Butyl alcohol	5.632	59	219135	200.000	ug/L	95

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A10.D
Acq On : 15 Jan 2026 11:01 pm
Operator : VOA126:JIC
Sample : I8260STD40PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 16 08:24:21 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:23:58 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Diisopropyl ether	7.523	45	1651459	40.000	ug/L		98
26) 1,1-Dichloroethane	7.729	63	1048350	40.000	ug/L		100
27) Halothane	6.842	117	436167	40.000	ug/L		100
28) Acrylonitrile	6.622	53	130803	40.000	ug/L		97
29) Ethyl tert-butyl ether	8.306	59	1657282	40.000	ug/L		98
30) Vinyl acetate	7.754	43	857211	40.000	ug/L		97
31) cis-1,2-Dichloroethene	8.909	96	612891	40.000	ug/L		99
32) 2,2-Dichloropropane	8.808	77	857560	40.000	ug/L		96
33) Bromochloromethane	9.539	128	259235	40.000	ug/L		96
34) Cyclohexane	9.993	56	983742	40.000	ug/L		98
35) Chloroform	9.213	83	1019856	40.000	ug/L		99
36) Ethyl acetate	8.909	43	323068	40.000	ug/L	#	97
37) Carbon tetrachloride	10.481	117	823572	40.000	ug/L		99
38) Tetrahydrofuran	9.617	42	99707	40.000	ug/L		94
40) 1,1,1-Trichloroethane	9.988	97	906846	40.000	ug/L		100
42) 2-Butanone	8.577	43	143295	40.000	ug/L		96
43) 1,1-Dichloropropene	10.303	75	758628	40.000	ug/L		99
44) Heptane	10.624	71	492385	39.853	ug/L		99
45) Benzene	10.838	78	2160764	40.000	ug/L		98
46) tert-Amyl methyl ether	10.537	73	1393521	40.000	ug/L		99
48) 1,2-Dichloroethane	10.824	62	700690	40.000	ug/L		99
51) Methyl cyclohexane	12.171	83	948166	40.000	ug/L		100
52) Trichloroethene	12.074	95	609863	40.000	ug/L		98
54) Dibromomethane	13.044	93	301656	40.000	ug/L		97
55) 1,2-Dichloropropane	12.448	63	579533	40.000	ug/L		99
57) 2-Chloroethyl vinyl ether	13.610	63	228342	40.000	ug/L		93
58) Bromodichloromethane	12.933	83	788527	40.000	ug/L		99
60) Methyl methacrylate	12.595	69	258687	40.000	ug/L		91
61) 1,4-Dioxane	13.000	88	156318M1	2000.000	ug/L		
62) cis-1,3-Dichloropropene	14.093	75	892280	40.000	ug/L		97
64) Octane	14.310	85	562579	40.000	ug/L		99
66) Toluene	14.762	92	1453294	40.000	ug/L		97
67) 4-Methyl-2-pentanone	13.666	58	152578	40.000	ug/L		86
68) Tetrachloroethene	16.179	166	640963	40.000	ug/L		100
69) 2-Nitropropane	13.100	41	86810	40.000	ug/L		94
71) trans-1,3-Dichloropropene	15.189	75	762990	40.000	ug/L		93
72) Methyl isothiocyanate	15.072	73	249337	40.000	ug/L		99
74) Ethyl methacrylate	15.186	69	602356	40.000	ug/L		99
75) 1,1,2-Trichloroethane	15.521	83	363842	40.000	ug/L		99
76) Chlorodibromomethane	16.642	129	567219	40.000	ug/L		99

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A10.D
Acq On : 15 Jan 2026 11:01 pm
Operator : VOA126:JIC
Sample : I8260STD40PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 16 08:24:21 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:23:58 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) 1,3-Dichloropropane	16.081	76	730119	40.000	ug/L	100
78) 1,2-Dibromoethane	17.088	107	420719	40.000	ug/L	100
79) n-Butyl Acetate	16.109	43	625307	40.000	ug/L	96
80) 2-Hexanone	15.557	43	252339	40.000	ug/L	95
81) Nonane	17.743	57	1076346	40.000	ug/L	100
82) Chlorobenzene	18.030	112	1618344	40.000	ug/L	99
83) Ethylbenzene	18.162	91	2812489	40.000	ug/L	97
84) 1,1,1,2-Tetrachloroethane	18.142	131	584454	40.000	ug/L	99
85) p/m Xylene	18.340	106	2174218	80.000	ug/L	89
86) o Xylene	19.344	106	2102381	80.000	ug/L	87
87) Styrene	19.433	104	3550530	80.000	ug/L	95
89) Bromoform	20.197	173	336056	40.000	ug/L	100
91) Isopropylbenzene	20.189	105	2780746	40.000	ug/L	97
93) Bromobenzene	21.207	156	656373	40.000	ug/L	100
94) Decane	20.903	57	1228656	40.000	ug/L	99
95) n-Propylbenzene	21.134	91	3204852	40.000	ug/L	96
96) 1,4-Dichlorobutane	20.437	55	760271	40.000	ug/L	98
97) 1,1,2,2-Tetrachloroethane	20.616	83	511416	40.000	ug/L	100
98) 4-Ethyltoluene	21.413	105	2623256	40.000	ug/L	97
99) 2-Chlorotoluene	21.539	91	2086192	40.000	ug/L	98
100) 1,3,5-Trimethylbenzene	21.519	105	2226779	40.000	ug/L	97
101) 1,2,3-Trichloropropane	20.961	75	363578	40.000	ug/L	100
102) trans-1,4-Dichloro-2-b...	21.151	53	158697	40.000	ug/L	98
103) 4-Chlorotoluene	21.656	91	1925951	40.000	ug/L	97
104) tert-Butylbenzene	22.358	119	1933252	40.000	ug/L	99
107) 1,2,4-Trimethylbenzene	22.451	105	2156481	40.000	ug/L	97
108) Limonene	23.022	68	698261	40.000	ug/L	99
109) sec-Butylbenzene	22.874	105	2863280	40.000	ug/L	97
110) p-Isopropyltoluene	23.217	119	2442417	40.000	ug/L	98
111) 1,3-Dichlorobenzene	23.407	146	1217604	40.000	ug/L	99
112) 1,4-Dichlorobenzene	23.666	146	1201183	40.000	ug/L	100
113) trans-Decahydronaphtha...	24.152	138	658056	40.000	ug/L	98
114) Undecane	23.803	57	1198406	40.000	ug/L	99
115) p-Diethylbenzene	24.219	119	1472844	40.000	ug/L	99
116) n-Butylbenzene	24.193	91	2707213	40.000	ug/L	97
117) Hexachloroethane	25.309	117	454461	40.000	ug/L	90
118) 1,2-Dichlorobenzene	24.523	146	1084175	40.000	ug/L	100
119) cis-Decahydronaphthalene	25.616	138	503103	40.000	ug/L	98
120) 1,2,4,5-Tetramethylben...	25.936	119	2151969	40.000	ug/L	96
121) 1,2-Dibromo-3-chloropr...	26.282	155	69622	40.000	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A10.D
Acq On : 15 Jan 2026 11:01 pm
Operator : VOA126:JIC
Sample : I8260STD40PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 16 08:24:21 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:23:58 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
122) 1,3,5-Trichlorobenzene	26.753	180	847843	40.000	ug/L	98
123) Nitrobenzene	26.469	77	19155	40.000	ug/L	94
124) Hexachlorobutadiene	28.231	225	430277	40.000	ug/L	99
125) 1,2,4-Trichlorobenzene	27.972	180	711970	40.000	ug/L	99
126) Naphthalene	28.427	128	1298376	40.000	ug/L	100
127) 1,2,3-Trichlorobenzene	28.864	180	606043	40.000	ug/L	99

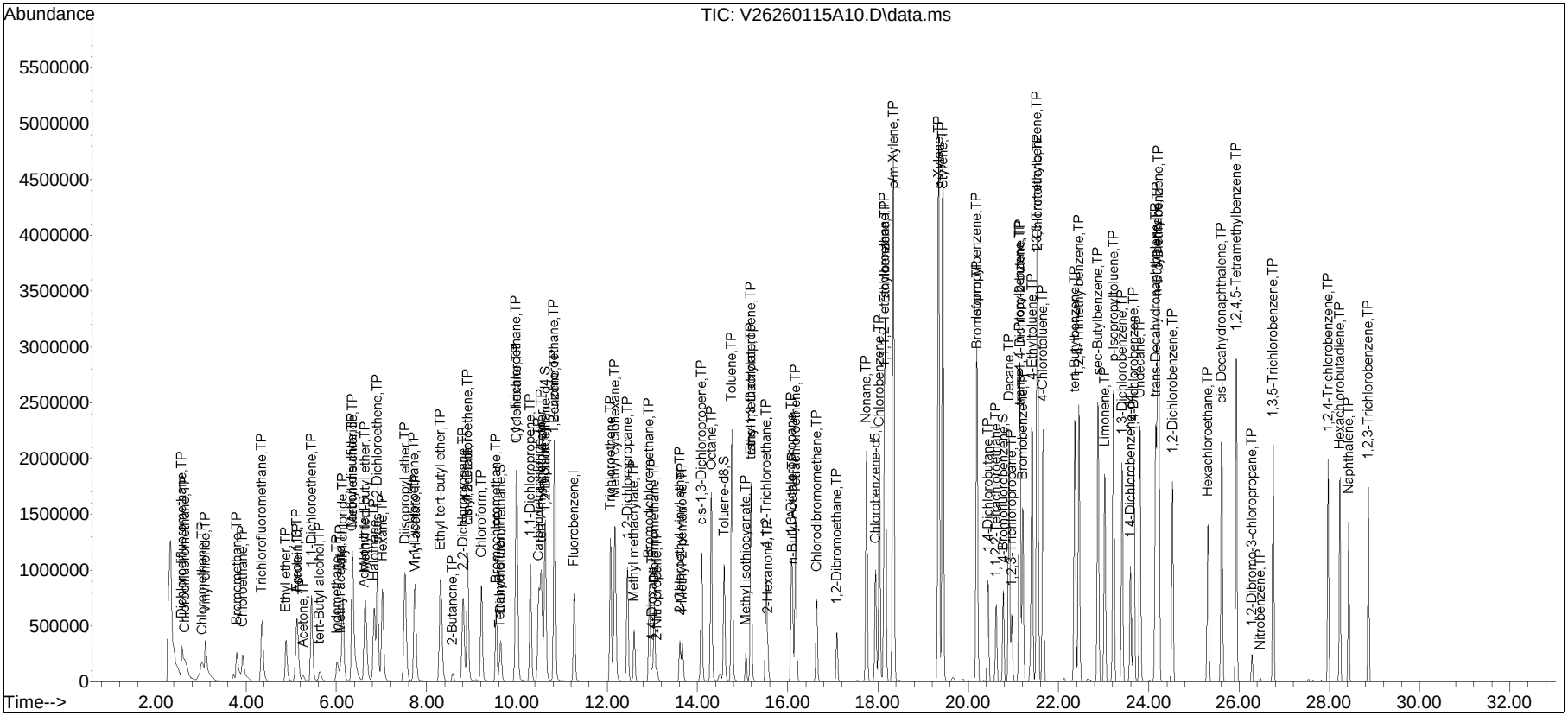
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A10.D
Acq On : 15 Jan 2026 11:01 pm
Operator : VOA126:JIC
Sample : I8260STD40PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 16 08:24:21 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:23:58 2026
Response via : Initial Calibration

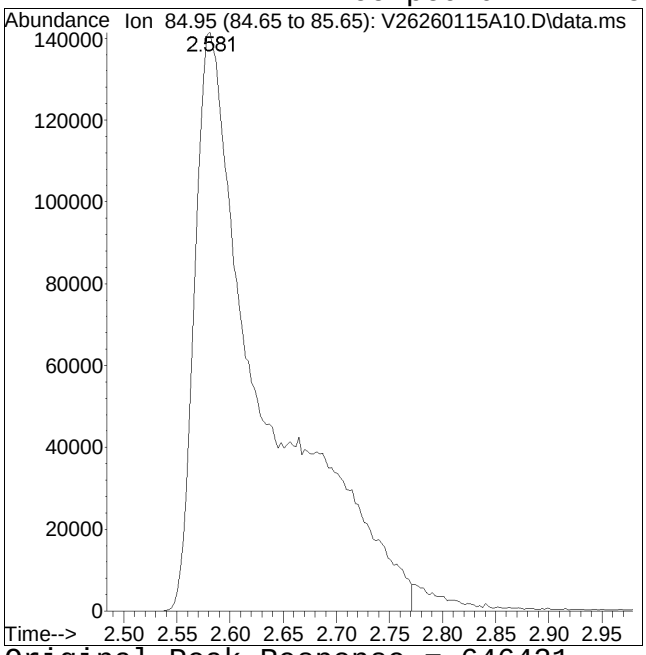
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk0.D•

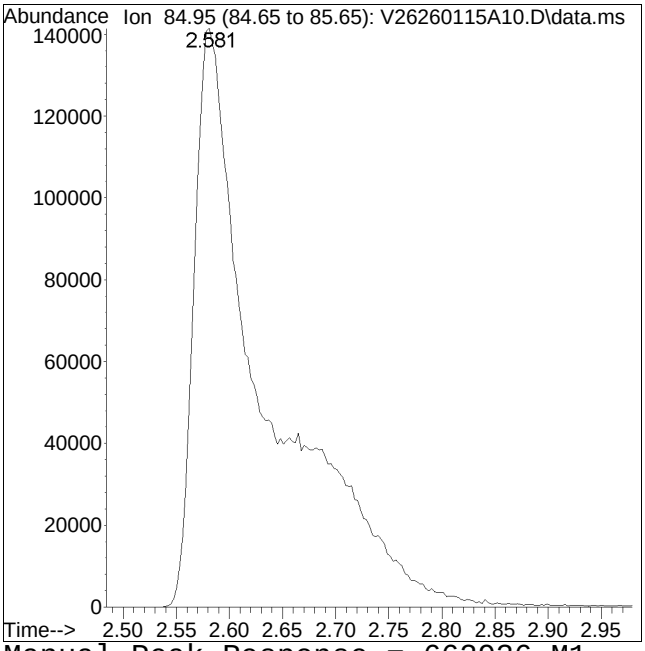


Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A10.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 11:01 pm Instrument : VOA126
Sample : I8260STD40PPB+SUFF Quant Date : 1/16/2026 8:24 am

Compound #2: Dichlorodifluoromethane



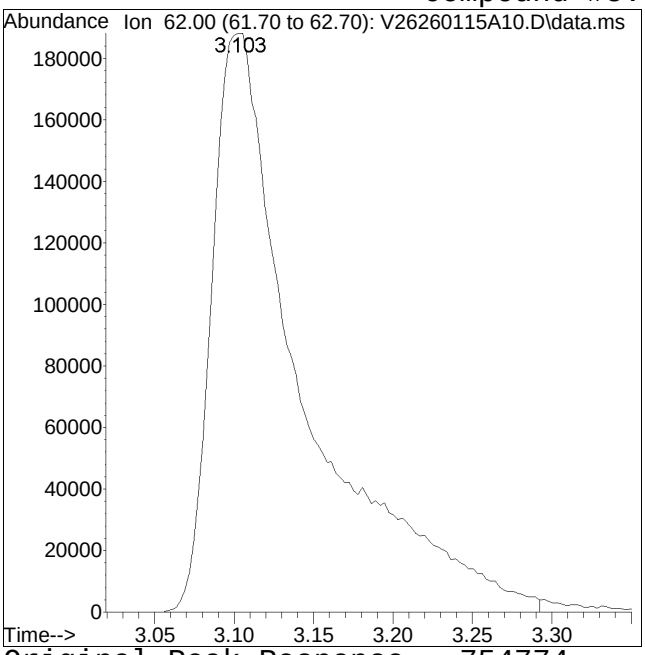


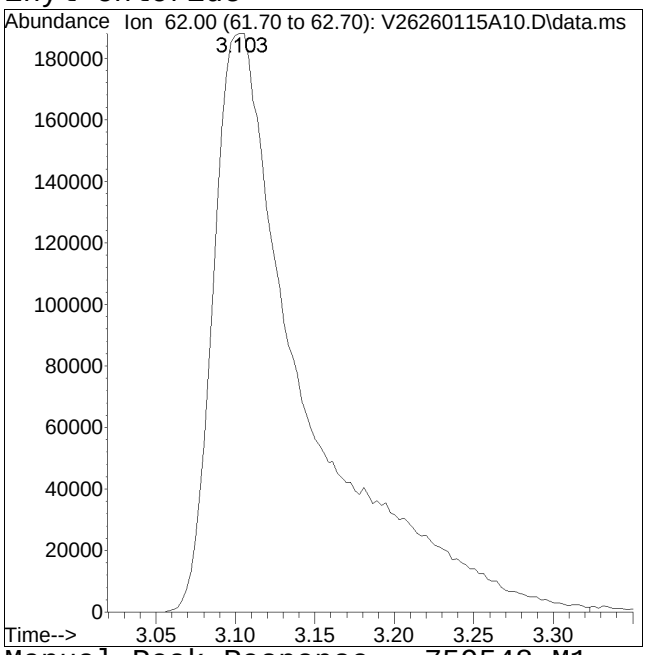
Original Peak Response = 646421 Manual Peak Response = 662936 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A10.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 11:01 pm Instrument : VOA126
Sample : I8260STD40PPB+SUFF Quant Date : 1/16/2026 8:24 am

Compound #5: Vinyl chloride





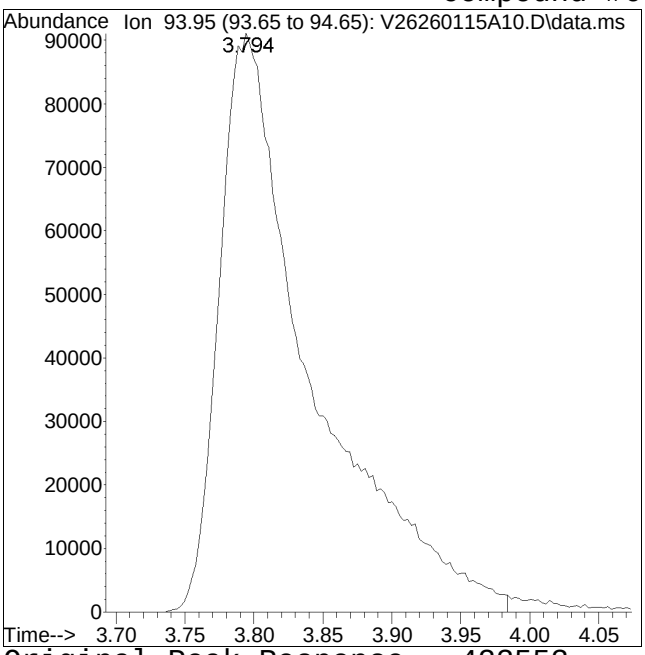
Original Peak Response = 754774 Manual Peak Response = 759548 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

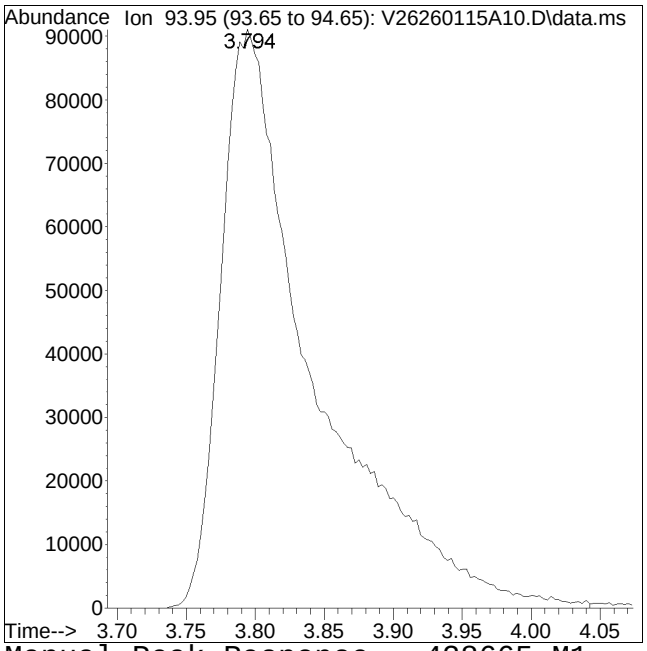
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A10.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 11:01 pm Instrument : VOA126
Sample : I8260STD40PPB+SUFF Quant Date : 1/16/2026 8:24 am

Compound #6: Bromomethane



Original Peak Response = 423553



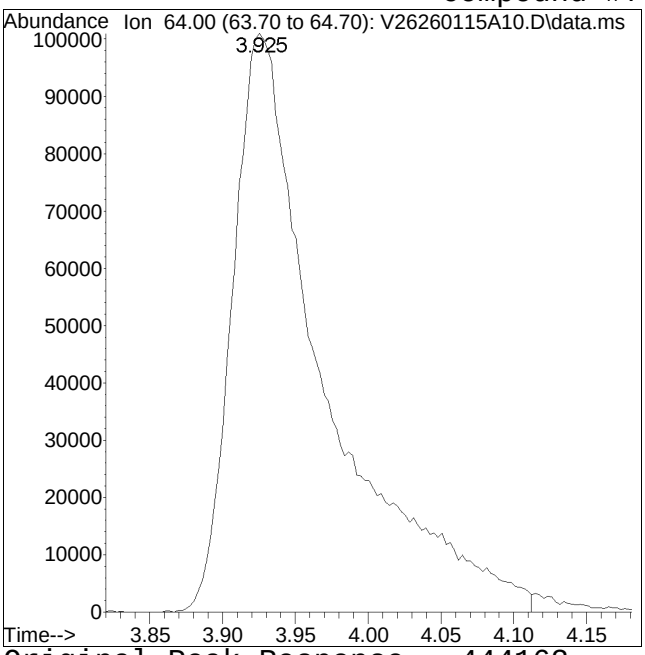
Manual Peak Response = 428665 M1

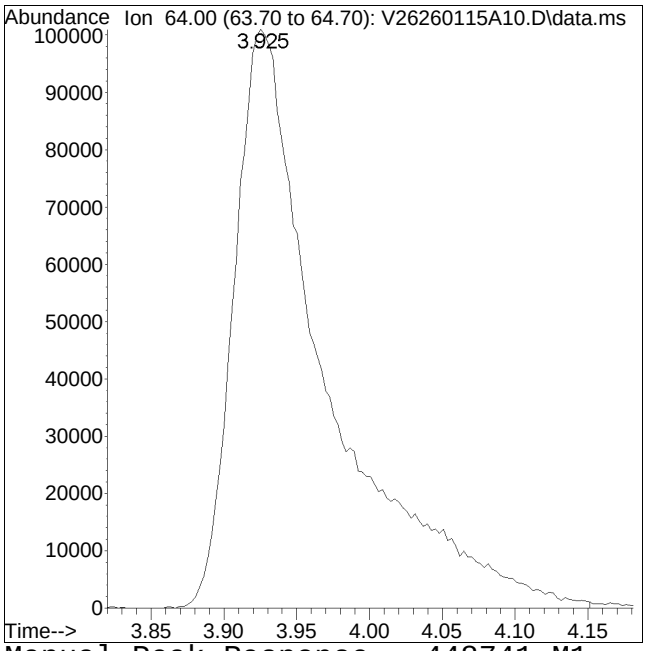
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A10.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 11:01 pm Instrument : VOA126
Sample : I8260STD40PPB+SUFF Quant Date : 1/16/2026 8:24 am

Compound #7: Chloroethane



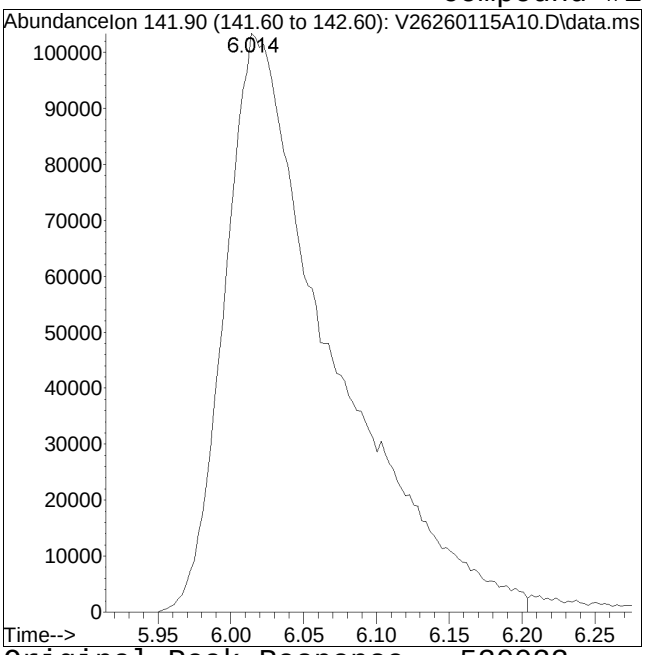


Original Peak Response = 444162 Manual Peak Response = 448741 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

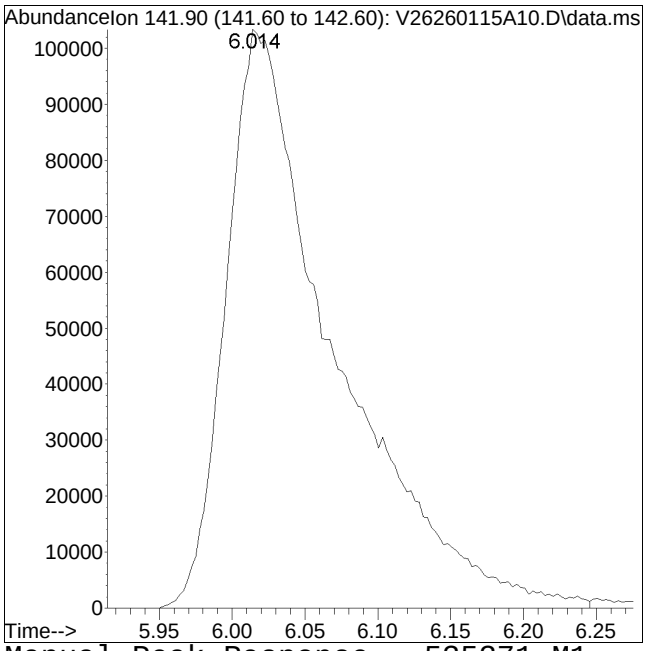
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A10.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 11:01 pm Instrument : VOA126
Sample : I8260STD40PPB+SUFF Quant Date : 1/16/2026 8:24 am

Compound #14: Iodomethane



Original Peak Response = 530023



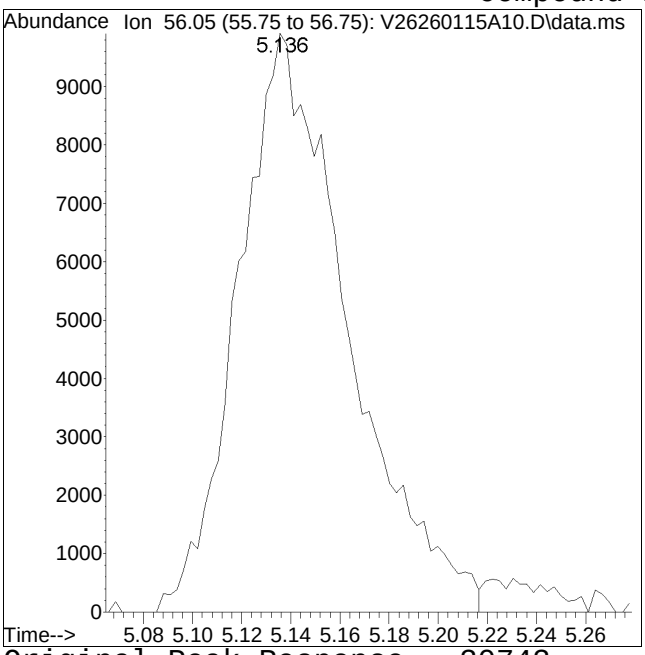
Manual Peak Response = 535371 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

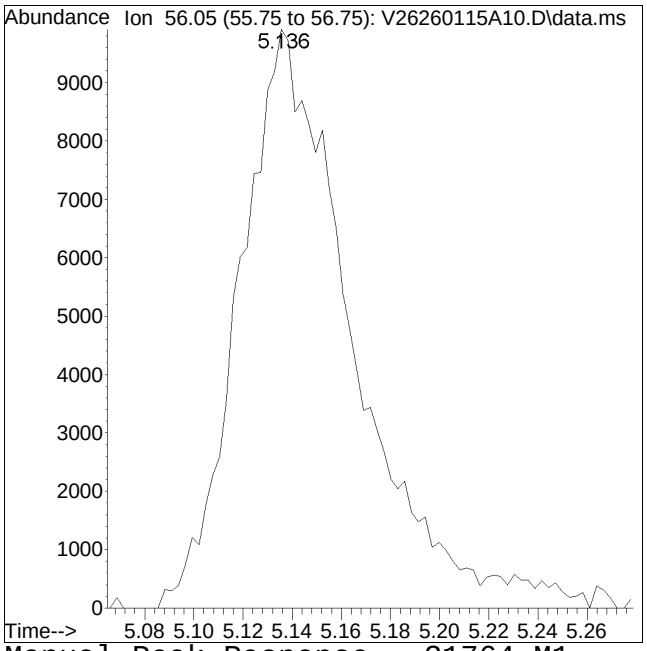
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A10.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 11:01 pm Instrument : VOA126
Sample : I8260STD40PPB+SUFF Quant Date : 1/16/2026 8:24 am

Compound #15: Acrolein



Original Peak Response = 30743



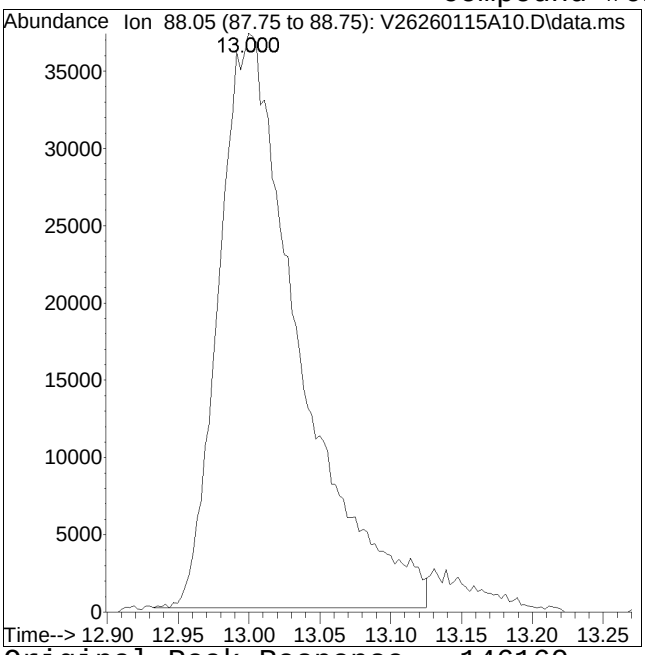
Manual Peak Response = 31764 M1

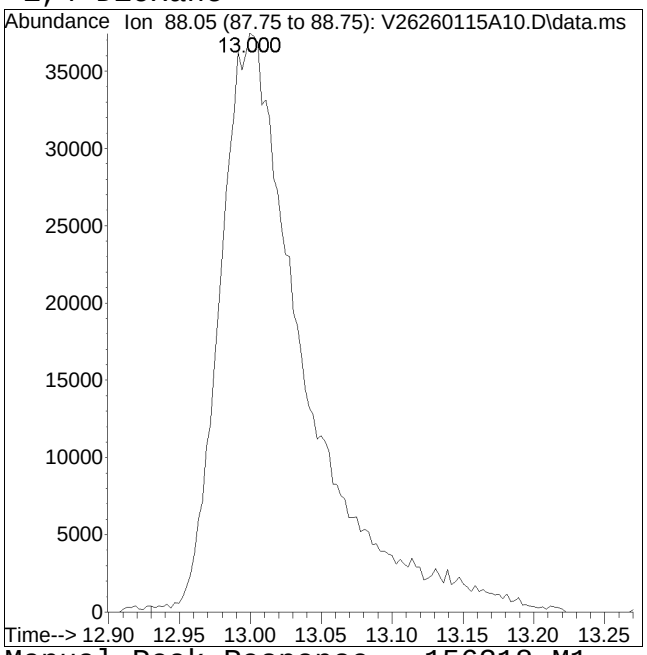
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A10.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 11:01 pm Instrument : VOA126
Sample : I8260STD40PPB+SUFF Quant Date : 1/16/2026 8:24 am

Compound #61: 1,4-Dioxane





Original Peak Response = 146160 Manual Peak Response = 156318 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A11.D
Acq On : 15 Jan 2026 11:40 pm
Operator : VOA126:JIC
Sample : I8260STD100PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 16 08:43:44 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	11.268	96	1078095	20.000 ug/L	0.00
Standard Area 1 = 1049446			Recovery	= 102.73%	
63) Chlorobenzene-d5	17.944	117	825910	20.000 ug/L	0.00
Standard Area 1 = 824443			Recovery	= 100.18%	
88) 1,4-Dichlorobenzene-d4	23.591	152	404013	20.000 ug/L	0.00
Standard Area 1 = 407086			Recovery	= 99.25%	
System Monitoring Compounds					
39) Dibromofluoromethane	9.645	113	263263	19.757 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 98.79%	
47) 1,2-Dichloroethane-d4	10.635	65	256324	19.825 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 99.13%	
65) Toluene-d8	14.592	98	1082152	20.229 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 101.15%	
92) 4-Bromofluorobenzene	20.777	95	395187	20.009 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 100.05%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.584	85	1575434M1	92.532 ug/L	
3) Chlorodifluoromethane	2.643	51	863169	87.600 ug/L #	83
4) Chloromethane	3.027	50	1552622	93.325 ug/L	98
5) Vinyl chloride	3.100	62	1841793M1	94.417 ug/L	
6) Bromomethane	3.794	94	1045003M1	94.921 ug/L	
7) Chloroethane	3.923	64	1082903M1	93.963 ug/L	
8) Trichlorofluoromethane	4.352	101	2094668M1	93.609 ug/L	
9) Ethyl ether	4.885	74	692284	98.907 ug/L	96
11) 1,1-Dichloroethene	5.451	96	1258843	95.355 ug/L	95
12) Carbon disulfide	6.351	76	4365655M1	95.573 ug/L	
13) Freon-113	5.130	101	1271142	96.570 ug/L	100
14) Iodomethane	6.017	142	1340540M1	97.496 ug/L	
15) Acrolein	5.141	56	79221	97.111 ug/L	100
16) Allyl chloride	6.142	76	704655	95.632 ug/L	86
17) Methylene chloride	6.365	84	1359475	95.537 ug/L	95
19) Acetone	5.264	43	325912M1	99.403 ug/L	
20) trans-1,2-Dichloroethene	6.906	96	1430722	96.455 ug/L	97
21) Methyl acetate	6.095	43	601018	100.363 ug/L	97
22) Hexane	7.026	57	1692118	88.810 ug/L	98
23) Methyl tert-butyl ether	6.636	73	3563070	101.391 ug/L	97
24) tert-Butyl alcohol	5.640	59	570148	506.534 ug/L	96

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A11.D
Acq On : 15 Jan 2026 11:40 pm
Operator : VOA126:JIC
Sample : I8260STD100PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 16 08:43:44 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Diisopropyl ether	7.520	45	4273356	100.754	ug/L	98
26) 1,1-Dichloroethane	7.732	63	2623329	97.434	ug/L	100
27) Halothane	6.837	117	1105129	98.656	ug/L	100
28) Acrylonitrile	6.622	53	339396	101.030	ug/L	99
29) Ethyl tert-butyl ether	8.309	59	4353774	102.290	ug/L	99
30) Vinyl acetate	7.754	43	2225434	101.086	ug/L	98
31) cis-1,2-Dichloroethene	8.909	96	1572958	99.930	ug/L	99
32) 2,2-Dichloropropane	8.808	77	2170583	98.554	ug/L	95
33) Bromochloromethane	9.542	128	639272	96.019	ug/L	96
34) Cyclohexane	9.996	56	2477319	98.054	ug/L	98
35) Chloroform	9.213	83	2600904	99.300	ug/L	99
36) Ethyl acetate	8.909	43	862321	103.929	ug/L	97
37) Carbon tetrachloride	10.484	117	2075353	98.119	ug/L	100
38) Tetrahydrofuran	9.614	42	260465	101.715	ug/L	97
40) 1,1,1-Trichloroethane	9.988	97	2280585	97.921	ug/L	100
42) 2-Butanone	8.577	43	373425	101.469	ug/L	96
43) 1,1-Dichloropropene	10.303	75	1924757	98.789	ug/L	99
44) Heptane	10.627	71	1126746	89.101	ug/L	98
45) Benzene	10.838	78	5520160	99.473	ug/L	98
46) tert-Amyl methyl ether	10.540	73	3681754	102.874	ug/L	99
48) 1,2-Dichloroethane	10.827	62	1792431	99.605	ug/L	99
51) Methyl cyclohexane	12.174	83	2450108	100.615	ug/L	99
52) Trichloroethene	12.077	95	1583094	101.074	ug/L	97
54) Dibromomethane	13.044	93	772252	99.680	ug/L	96
55) 1,2-Dichloropropane	12.450	63	1514481	101.753	ug/L	99
57) 2-Chloroethyl vinyl ether	13.613	63	567083	96.699	ug/L	91
58) Bromodichloromethane	12.933	83	2066589	102.047	ug/L	100
60) Methyl methacrylate	12.598	69	660987	99.490	ug/L	92
61) 1,4-Dioxane	12.994	88	390606M1	4864.777	ug/L	
62) cis-1,3-Dichloropropene	14.093	75	2370633	103.449	ug/L	96
64) Octane	14.310	85	1296632	92.028	ug/L	97
66) Toluene	14.765	92	3715517	102.083	ug/L	97
67) 4-Methyl-2-pentanone	13.661	58	400170	104.723	ug/L	89
68) Tetrachloroethene	16.179	166	1623869	101.159	ug/L	99
69) 2-Nitropropane	13.103	41	212521	97.751	ug/L	99
71) trans-1,3-Dichloropropene	15.189	75	2009912	105.183	ug/L	91
72) Methyl isothiocyanate	15.077	73	644160	103.156	ug/L	99
74) Ethyl methacrylate	15.183	69	1565200	103.754	ug/L	99
75) 1,1,2-Trichloroethane	15.521	83	940933	103.260	ug/L	99
76) Chlorodibromomethane	16.642	129	1484210	104.480	ug/L	99

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A11.D
Acq On : 15 Jan 2026 11:40 pm
Operator : VOA126:JIC
Sample : I8260STD100PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 16 08:43:44 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) 1,3-Dichloropropane	16.081	76	1891472	103.441	ug/L	100
78) 1,2-Dibromoethane	17.091	107	1101360	104.526	ug/L	99
79) n-Butyl Acetate	16.106	43	1539892	98.330	ug/L	94
80) 2-Hexanone	15.557	43	648773	102.659	ug/L	94
81) Nonane	17.749	57	2479820	91.993	ug/L	99
82) Chlorobenzene	18.033	112	4117319	101.585	ug/L	99
83) Ethylbenzene	18.164	91	7079109	100.502	ug/L	97
84) 1,1,1,2-Tetrachloroethane	18.139	131	1514305	103.455	ug/L	99
85) p/m Xylene	18.346	106	5507530	202.289	ug/L	91
86) o Xylene	19.347	106	5343386	202.966	ug/L	89
87) Styrene	19.442	104	8886707	199.878	ug/L	96
89) Bromoform	20.197	173	887364	106.424	ug/L	100
91) Isopropylbenzene	20.192	105	7018834	101.731	ug/L	97
93) Bromobenzene	21.210	156	1641356	100.787	ug/L	100
94) Decane	20.908	57	2828687	92.791	ug/L	99
95) n-Propylbenzene	21.143	91	8003206	100.648	ug/L	97
96) 1,4-Dichlorobutane	20.440	55	1884933	99.926	ug/L	98
97) 1,1,2,2-Tetrachloroethane	20.618	83	1270557	100.131	ug/L	100
98) 4-Ethyltoluene	21.416	105	6563244	100.839	ug/L	97
99) 2-Chlorotoluene	21.541	91	5220856	100.864	ug/L	98
100) 1,3,5-Trimethylbenzene	21.528	105	5602723	101.408	ug/L	97
101) 1,2,3-Trichloropropane	20.964	75	898813	99.637	ug/L	100
102) trans-1,4-Dichloro-2-b...	21.157	53	395139	100.353	ug/L	94
103) 4-Chlorotoluene	21.664	91	4804441	100.542	ug/L	98
104) tert-Butylbenzene	22.364	119	4830018	100.696	ug/L	99
107) 1,2,4-Trimethylbenzene	22.456	105	5465760	102.154	ug/L	97
108) Limonene	23.025	68	1636944	94.486	ug/L	99
109) sec-Butylbenzene	22.877	105	7191017	101.223	ug/L	98
110) p-Isopropyltoluene	23.220	119	6233170	102.858	ug/L	98
111) 1,3-Dichlorobenzene	23.410	146	3098838	102.575	ug/L	99
112) 1,4-Dichlorobenzene	23.669	146	3049313	102.316	ug/L	99
113) trans-Decahydronaphtha...	24.157	138	1503109	92.062	ug/L	99
114) Undecane	23.809	57	2739674	92.139	ug/L	99
115) p-Diethylbenzene	24.227	119	3817473	104.465	ug/L	99
116) n-Butylbenzene	24.199	91	6948597	103.449	ug/L	98
117) Hexachloroethane	25.309	117	1142608	101.333	ug/L	91
118) 1,2-Dichlorobenzene	24.525	146	2772322	103.061	ug/L	99
119) cis-Decahydronaphthalene	25.616	138	1169151	93.662	ug/L	99
120) 1,2,4,5-Tetramethylben...	25.942	119	5675725	106.301	ug/L	97
121) 1,2-Dibromo-3-chloropr...	26.285	155	183655	106.318	ug/L	98

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A11.D
Acq On : 15 Jan 2026 11:40 pm
Operator : VOA126:JIC
Sample : I8260STD100PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 16 08:43:44 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
122)	1,3,5-Trichlorobenzene	26.756	180	2251858	107.047	ug/L	98
123)	Nitrobenzene	26.472	77	55715	117.231	ug/L	95
124)	Hexachlorobutadiene	28.231	225	1115834	104.521	ug/L	100
125)	1,2,4-Trichlorobenzene	27.972	180	1877265	106.271	ug/L	99
126)	Naphthalene	28.427	128	3351041	104.023	ug/L	100
127)	1,2,3-Trichlorobenzene	28.865	180	1568829	104.333	ug/L	98

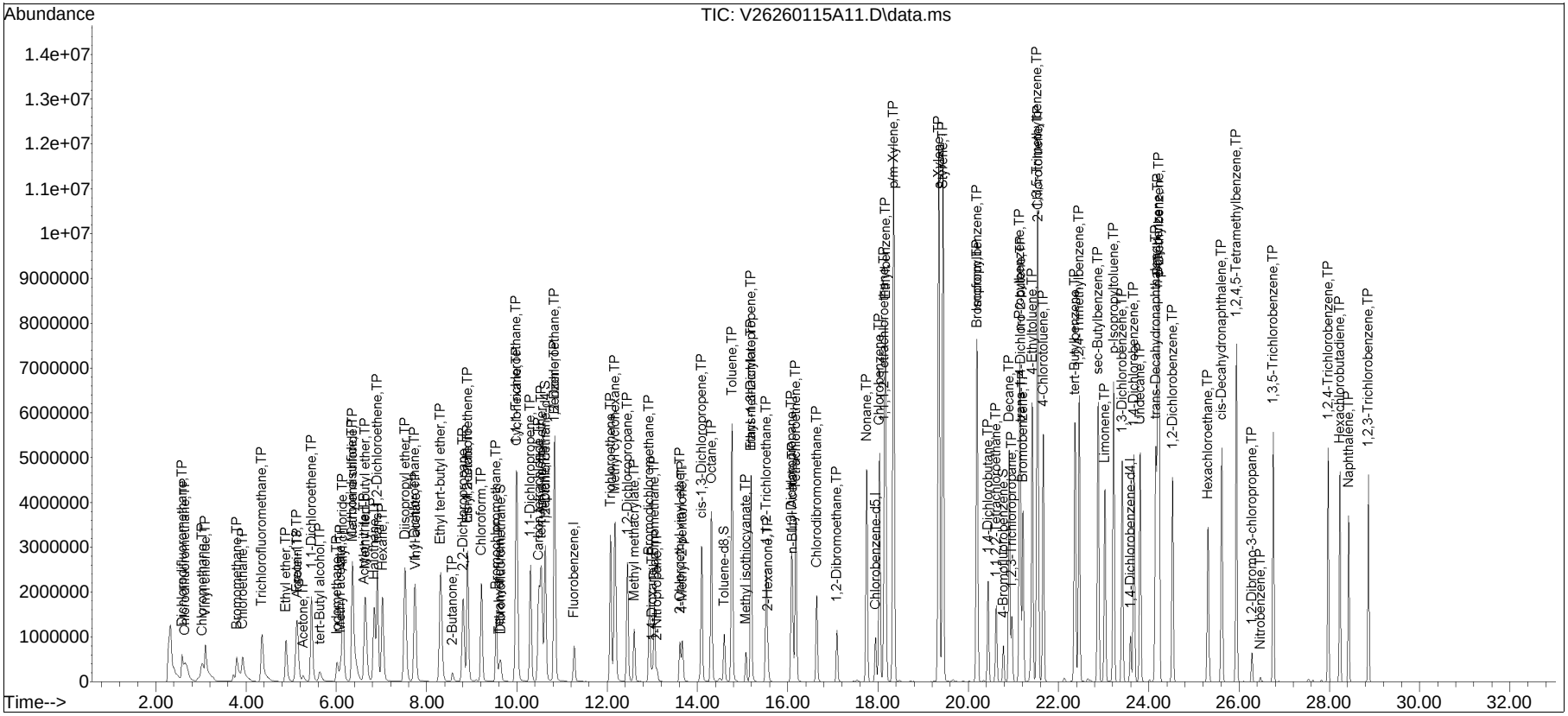
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A11.D
Acq On : 15 Jan 2026 11:40 pm
Operator : VOA126:JIC
Sample : I8260STD100PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 16 08:43:44 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

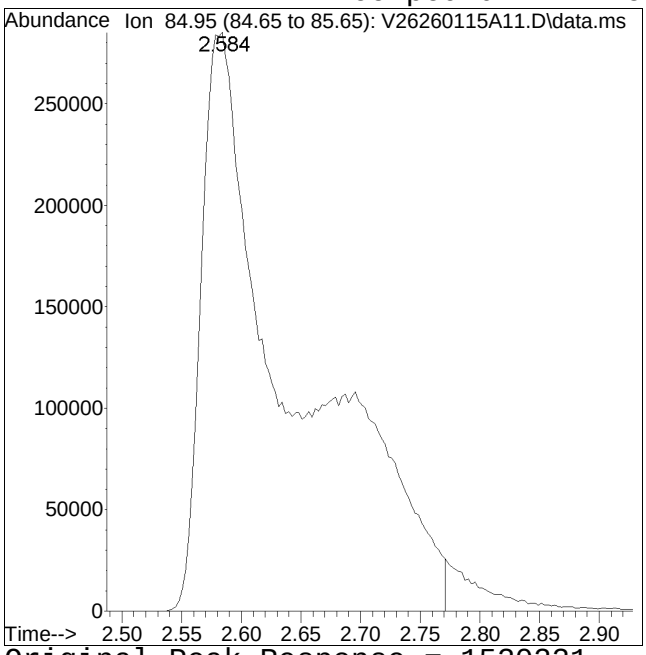
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk0.D•

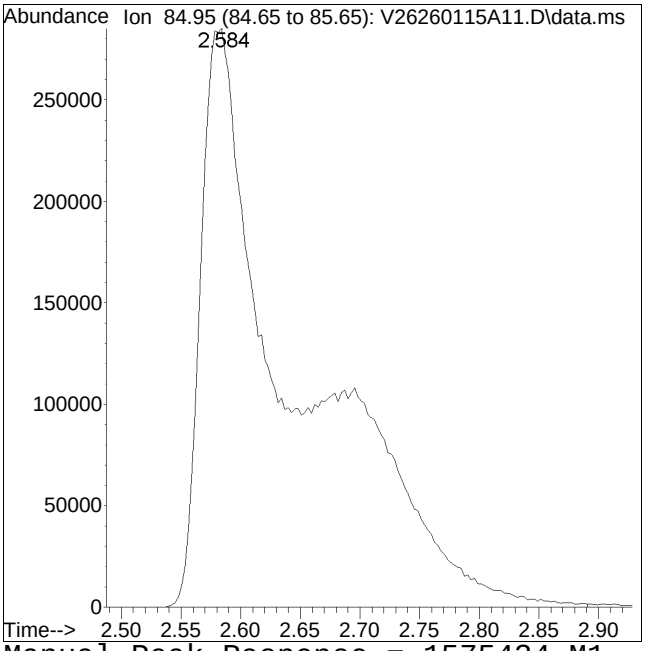


Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A11.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 11:40 pm Instrument : VOA126
Sample : I8260STD100PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #2: Dichlorodifluoromethane



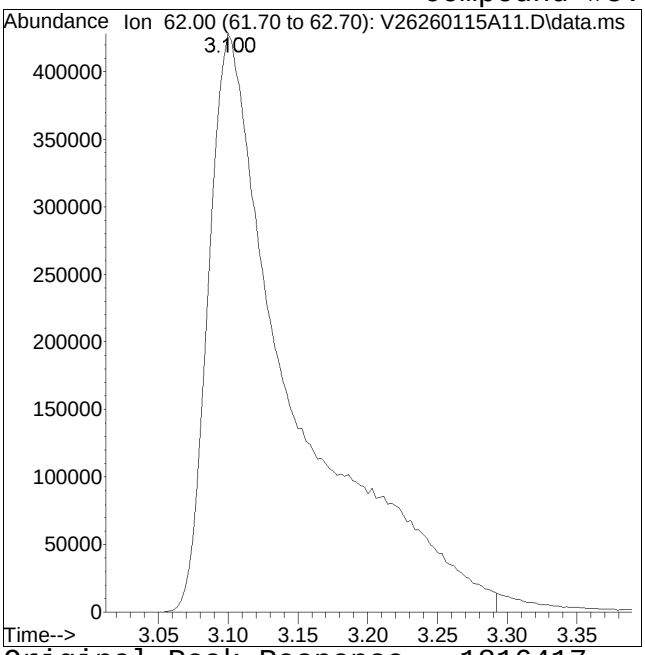


Original Peak Response = 1520221 Manual Peak Response = 1575434 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

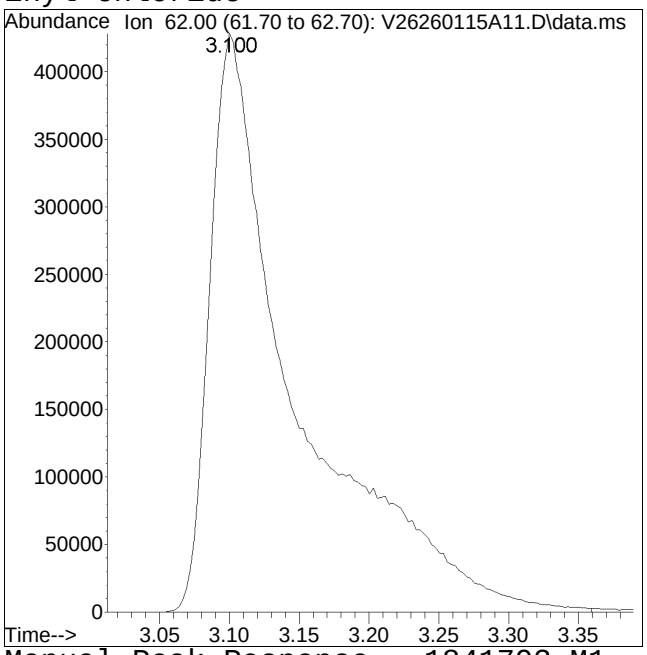
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A11.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 11:40 pm Instrument : VOA126
Sample : I8260STD100PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #5: Vinyl chloride



Original Peak Response = 1816417



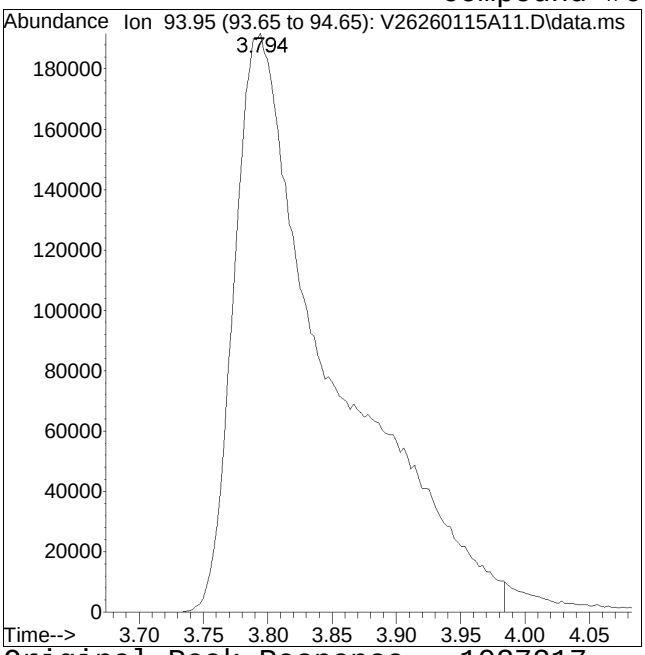
Manual Peak Response = 1841793 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

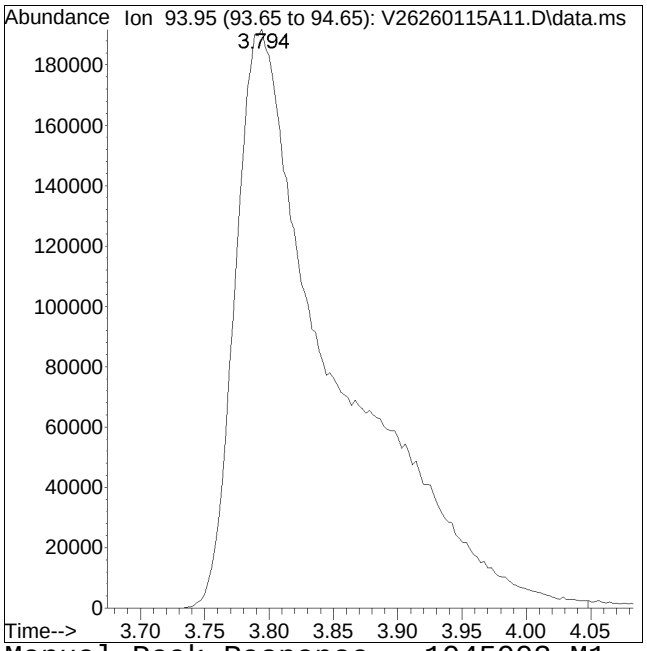
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A11.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 11:40 pm Instrument : VOA126
Sample : I8260STD100PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #6: Bromomethane



Original Peak Response = 1027217



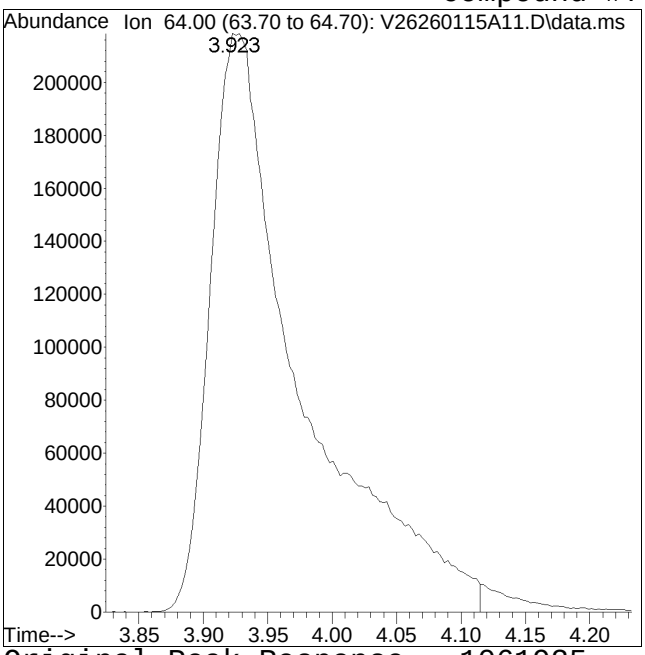
Manual Peak Response = 1045003 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

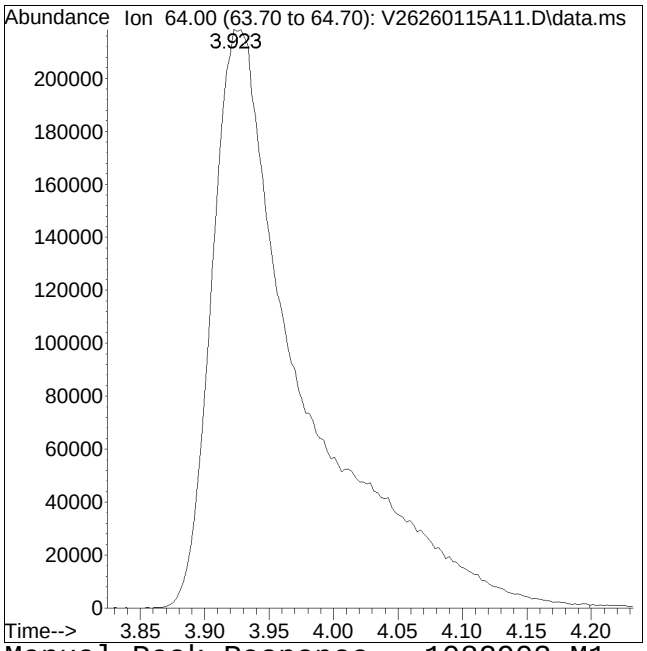
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A11.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 11:40 pm Instrument : VOA126
Sample : I8260STD100PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #7: Chloroethane



Original Peak Response = 1061925



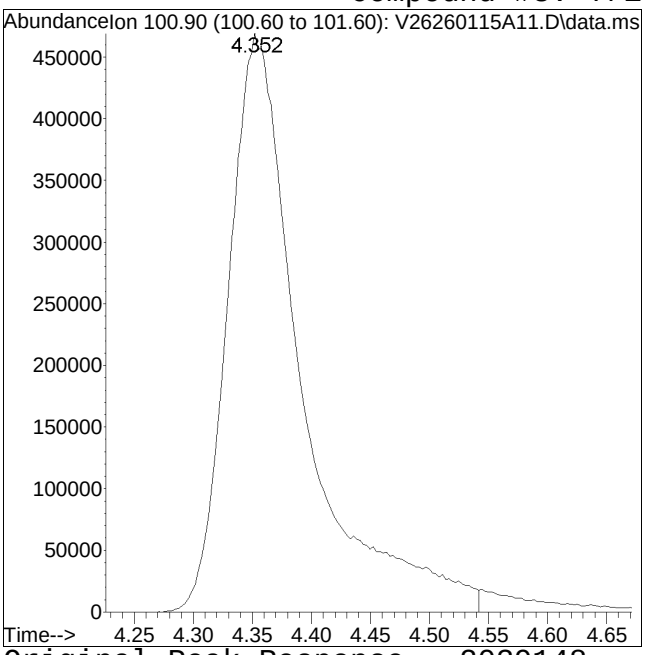
Manual Peak Response = 1082903 M1

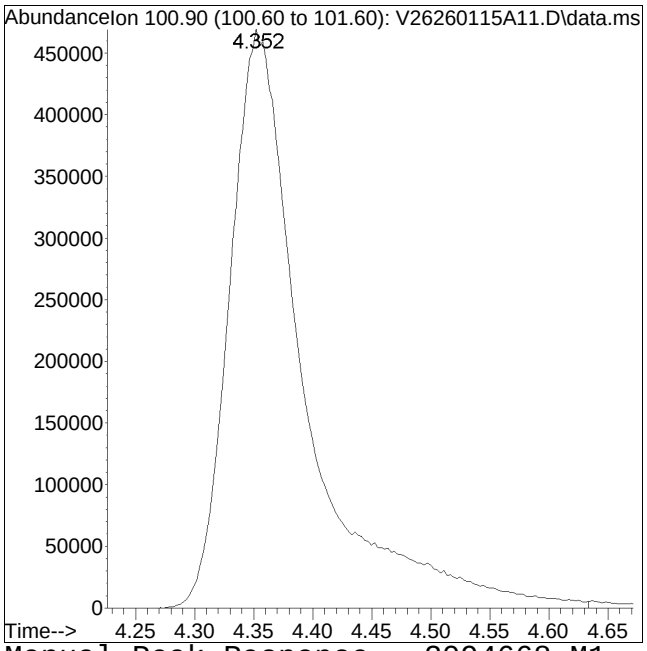
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A11.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 11:40 pm Instrument : VOA126
Sample : I8260STD100PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #8: Trichlorofluoromethane



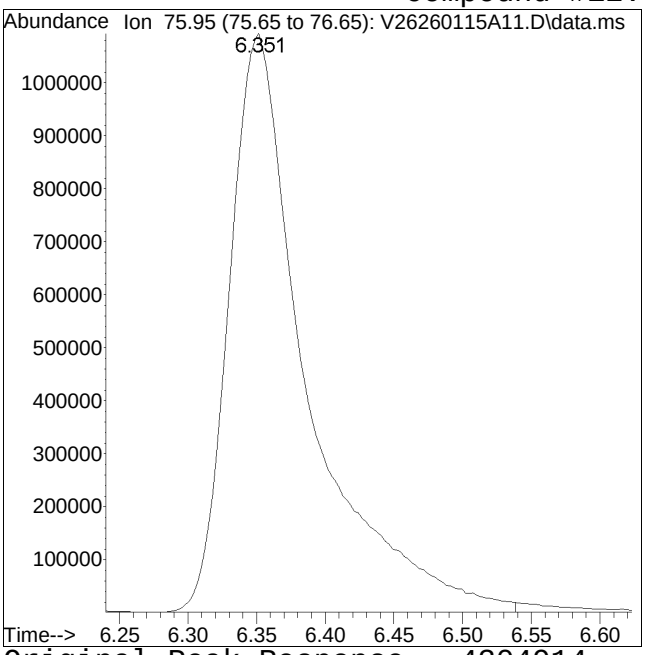


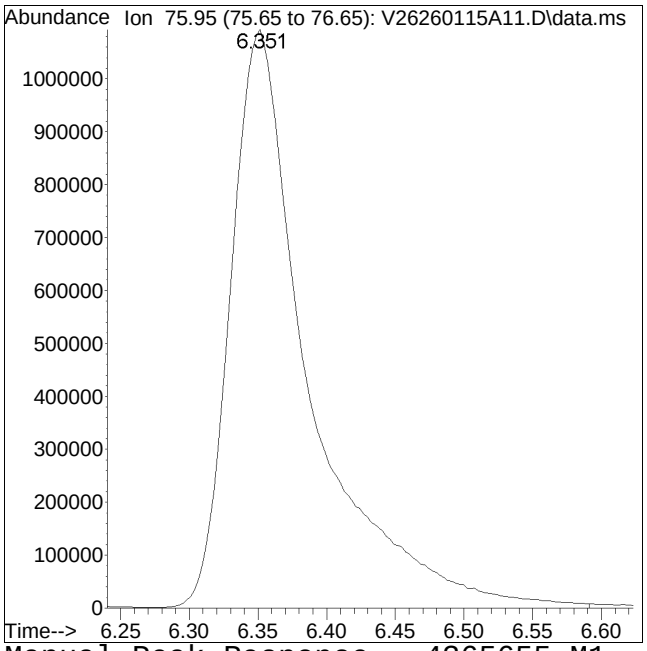
Original Peak Response = 2039148 Manual Peak Response = 2094668 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A11.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 11:40 pm Instrument : VOA126
Sample : I8260STD100PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #12: Carbon disulfide





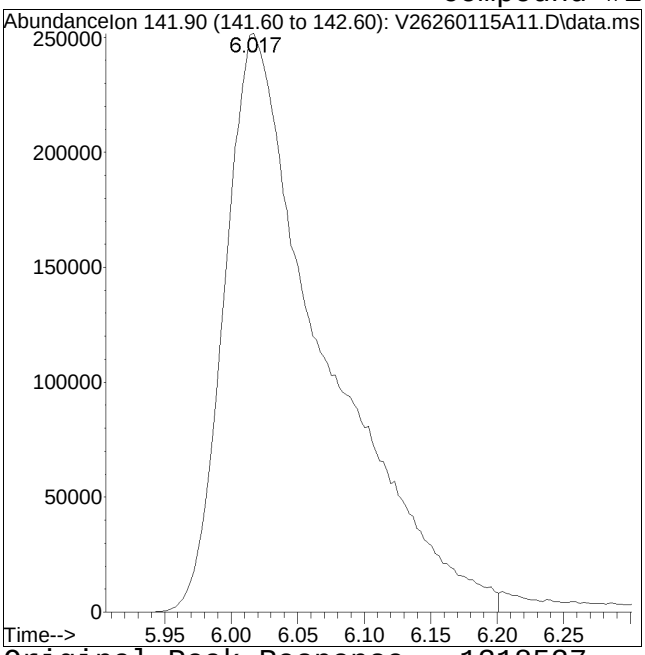
Original Peak Response = 4304914 Manual Peak Response = 4365655 M1

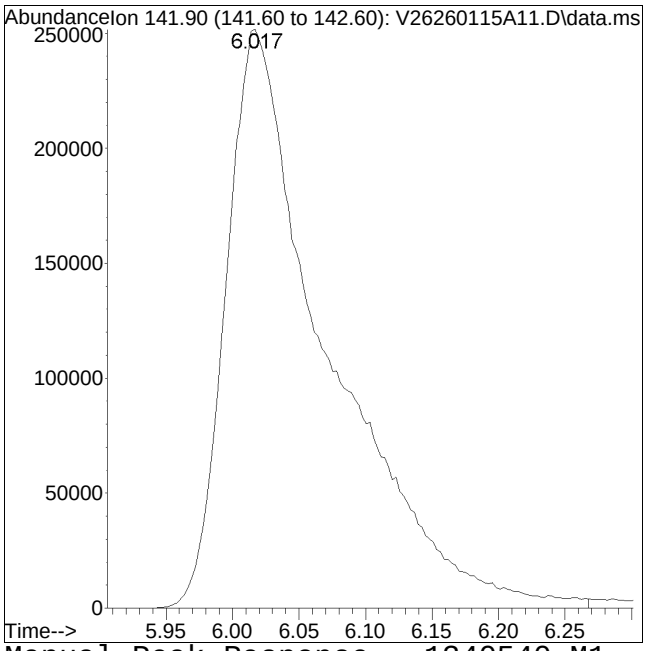
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A11.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 11:40 pm Instrument : VOA126
Sample : I8260STD100PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #14: Iodomethane



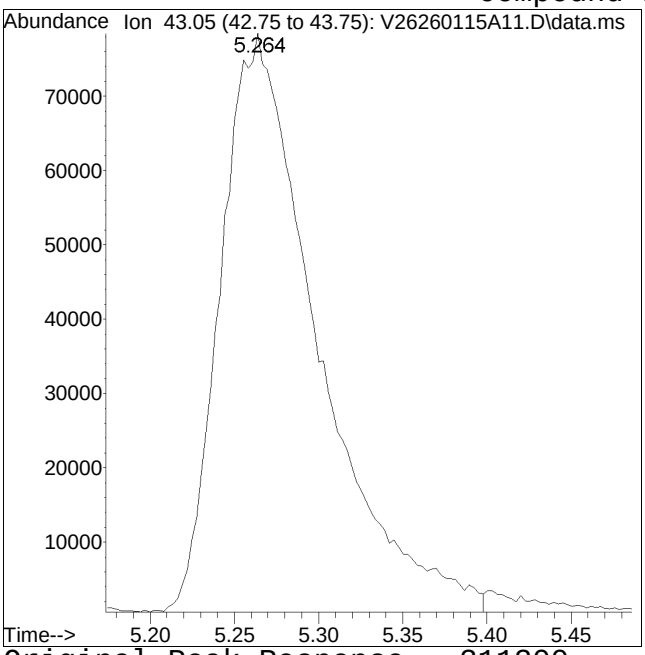


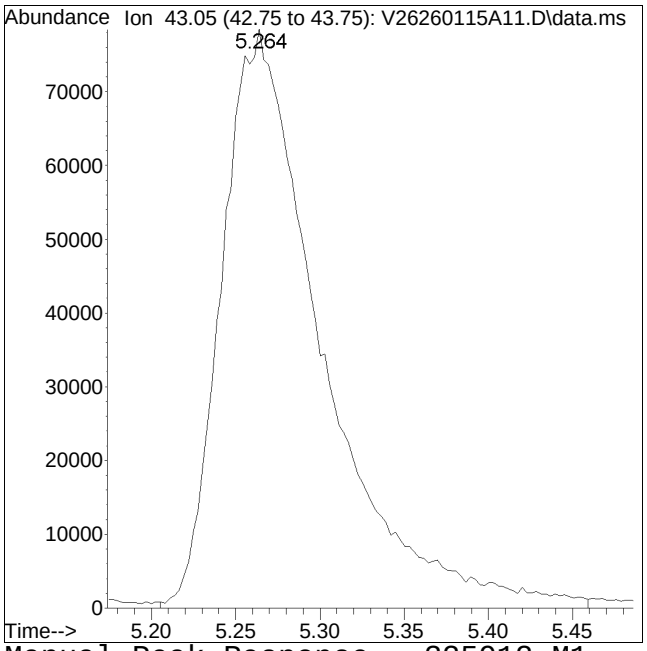
Original Peak Response = 1318527 Manual Peak Response = 1340540 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A11.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 11:40 pm Instrument : VOA126
Sample : I8260STD100PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #19: Acetone



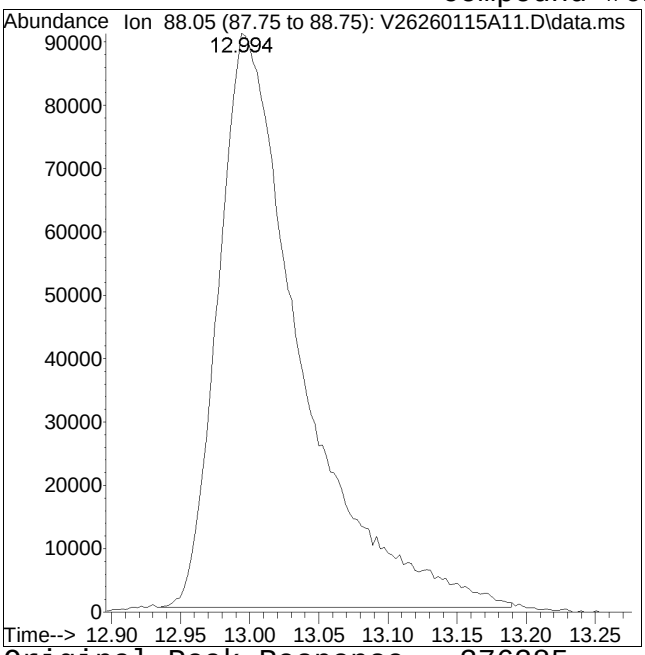


Original Peak Response = 311300 Manual Peak Response = 325912 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

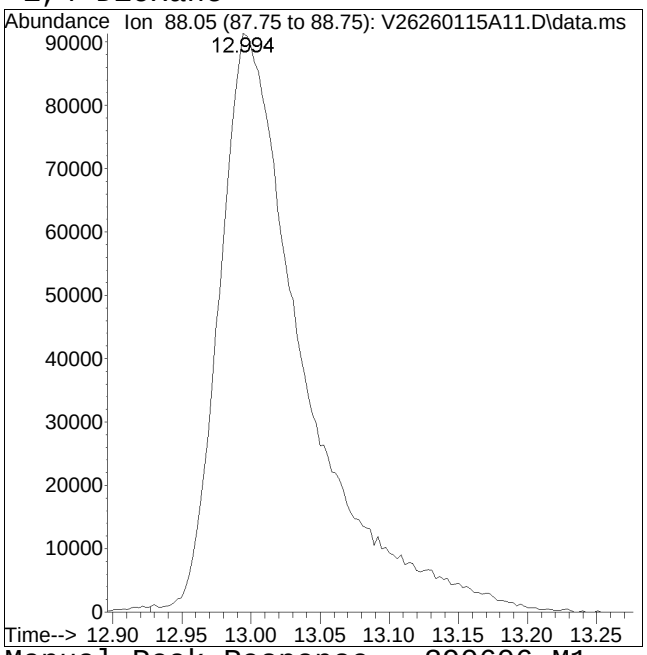
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A11.D Operator : VOA126:JIC
Date Inj'd : 1/15/2026 11:40 pm Instrument : VOA126
Sample : I8260STD100PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #61: 1,4-Dioxane



Original Peak Response = 376385



Manual Peak Response = 390606 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A12.D
Acq On : 16 Jan 2026 12:19 am
Operator : VOA126:JIC
Sample : I8260STD200PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 16 08:45:14 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	11.271	96	1107153	20.000	ug/L	0.00
Standard Area 1 = 1049446			Recovery = 105.50%			
63) Chlorobenzene-d5	17.947	117	828849	20.000	ug/L	0.00
Standard Area 1 = 824443			Recovery = 100.53%			
88) 1,4-Dichlorobenzene-d4	23.597	152	419553	20.000	ug/L	0.00
Standard Area 1 = 407086			Recovery = 103.06%			
System Monitoring Compounds						
39) Dibromofluoromethane	9.645	113	271750	19.859	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.30%			
47) 1,2-Dichloroethane-d4	10.638	65	268894	20.252	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.26%			
65) Toluene-d8	14.595	98	1096219	20.419	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.10%			
92) 4-Bromofluorobenzene	20.777	95	390710	19.050	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.25%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.578	85	2983698M1	170.646	ug/L	
3) Chlorodifluoromethane	2.654	51	1882893	186.073	ug/L	97
4) Chloromethane	3.033	50	3105895	181.789	ug/L	97
5) Vinyl chloride	3.097	62	3408327M1	170.137	ug/L	
6) Bromomethane	3.791	94	2114219M1	187.001	ug/L	
7) Chloroethane	3.920	64	2028130M1	171.361	ug/L	
8) Trichlorofluoromethane	4.357	101	3848084M1	167.454	ug/L	
9) Ethyl ether	4.887	74	1381144	192.146	ug/L	95
11) 1,1-Dichloroethene	5.451	96	2407632	177.587	ug/L	97
12) Carbon disulfide	6.349	76	8444699M1	180.019	ug/L	
13) Freon-113	5.122	101	2374701	175.674	ug/L	99
14) Iodomethane	6.017	142	2516697M1	178.233	ug/L	
15) Acrolein	5.138	56	158947	189.727	ug/L	96
16) Allyl chloride	6.148	76	1403714	185.504	ug/L	83
17) Methylene chloride	6.363	84	2683935	183.663	ug/L	95
19) Acetone	5.261	43	600736	178.415	ug/L	96
20) trans-1,2-Dichloroethene	6.909	96	2801898	183.937	ug/L	98
21) Methyl acetate	6.100	43	1197091	194.653	ug/L	96
22) Hexane	7.023	57	3962038	202.487	ug/L	98
23) Methyl tert-butyl ether	6.641	73	7051953	195.404	ug/L	97
24) tert-Butyl alcohol	5.640	59	1062929	919.549	ug/L	96

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A12.D
Acq On : 16 Jan 2026 12:19 am
Operator : VOA126:JIC
Sample : I8260STD200PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 16 08:45:14 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Diisopropyl ether	7.523	45	8381845	192.435	ug/L		98
26) 1,1-Dichloroethane	7.732	63	5141130	185.937	ug/L		100
27) Halothane	6.839	117	2118065	184.119	ug/L		100
28) Acrylonitrile	6.625	53	664302	192.557	ug/L		98
29) Ethyl tert-butyl ether	8.312	59	8571953	196.108	ug/L		99
30) Vinyl acetate	7.757	43	4387044	194.042	ug/L		97
31) cis-1,2-Dichloroethene	8.909	96	3088023	191.034	ug/L		98
32) 2,2-Dichloropropane	8.811	77	4212548	186.249	ug/L		94
33) Bromochloromethane	9.542	128	1243382	181.854	ug/L		95
34) Cyclohexane	9.996	56	4689084	180.725	ug/L		98
35) Chloroform	9.213	83	5046650	187.619	ug/L		99
36) Ethyl acetate	8.909	43	1667003	195.639	ug/L	#	97
37) Carbon tetrachloride	10.481	117	4024277	185.267	ug/L		100
38) Tetrahydrofuran	9.614	42	506292	192.525	ug/L		92
40) 1,1,1-Trichloroethane	9.988	97	4419343	184.772	ug/L		99
42) 2-Butanone	8.574	43	715177	189.232	ug/L		95
43) 1,1-Dichloropropene	10.300	75	3723367	186.088	ug/L		99
44) Heptane	10.632	71	2646248	203.769	ug/L		97
45) Benzene	10.838	78	10858597	190.537	ug/L		98
46) tert-Amyl methyl ether	10.543	73	7274619	197.929	ug/L		98
48) 1,2-Dichloroethane	10.830	62	3493613	189.043	ug/L		99
51) Methyl cyclohexane	12.177	83	4718351	188.677	ug/L		99
52) Trichloroethene	12.077	95	3087230	191.933	ug/L		98
54) Dibromomethane	13.047	93	1508831	189.645	ug/L		96
55) 1,2-Dichloropropane	12.453	63	2961292	193.738	ug/L		99
57) 2-Chloroethyl vinyl ether	13.613	63	1041925	173.007	ug/L		93
58) Bromodichloromethane	12.935	83	4022412	193.412	ug/L		100
60) Methyl methacrylate	12.598	69	1341681	196.647	ug/L		91
61) 1,4-Dioxane	12.997	88	781124M6	9473.129	ug/L		
62) cis-1,3-Dichloropropene	14.096	75	4611500	195.954	ug/L		95
64) Octane	14.313	85	3051564	215.816	ug/L		97
66) Toluene	14.768	92	7183438	196.664	ug/L		99
67) 4-Methyl-2-pentanone	13.666	58	771876	201.280	ug/L		87
68) Tetrachloroethene	16.181	166	3104594	192.716	ug/L		99
69) 2-Nitropropane	13.106	41	429755	196.968	ug/L		99
71) trans-1,3-Dichloropropene	15.191	75	3897469	203.240	ug/L		89
72) Methyl isothiocyanate	15.077	73	1334654	212.974	ug/L		99
74) Ethyl methacrylate	15.186	69	3035871	200.528	ug/L		99
75) 1,1,2-Trichloroethane	15.526	83	1820393	199.066	ug/L		99
76) Chlorodibromomethane	16.644	129	2897737	203.261	ug/L		99

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A12.D
Acq On : 16 Jan 2026 12:19 am
Operator : VOA126:JIC
Sample : I8260STD200PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 16 08:45:14 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) 1,3-Dichloropropane	16.084	76	3678689	200.468	ug/L	100
78) 1,2-Dibromoethane	17.091	107	2128286	201.272	ug/L	100
79) n-Butyl Acetate	16.109	43	3041881	193.550	ug/L	94
80) 2-Hexanone	15.560	43	1218911	192.191	ug/L	93
81) Nonane	17.757	57	5682669	210.061	ug/L	99
82) Chlorobenzene	18.039	112	7853455	193.079	ug/L	99
83) Ethylbenzene	18.170	91	13182197	186.484	ug/L	98
84) 1,1,1,2-Tetrachloroethane	18.145	131	2936556	199.909	ug/L	99
85) p/m Xylene	18.354	106	10370440	379.550	ug/L	94
86) o Xylene	19.355	106	10072130	381.228	ug/L	93
87) Styrene	19.447	104	16446645	368.603	ug/L	97
89) Bromoform	20.200	173	1727642	199.527	ug/L	100
91) Isopropylbenzene	20.194	105	13021460	181.743	ug/L	98
93) Bromobenzene	21.215	156	3126322	184.860	ug/L	100
94) Decane	20.917	57	6350112	200.591	ug/L	99
95) n-Propylbenzene	21.145	91	14732561	178.414	ug/L	98
96) 1,4-Dichlorobutane	20.440	55	3564398	181.960	ug/L	98
97) 1,1,2,2-Tetrachloroethane	20.621	83	2430014	184.414	ug/L	100
98) 4-Ethyltoluene	21.421	105	12412917	183.651	ug/L	98
99) 2-Chlorotoluene	21.547	91	9910235	184.369	ug/L	99
100) 1,3,5-Trimethylbenzene	21.536	105	10740648	187.203	ug/L	98
101) 1,2,3-Trichloropropane	20.970	75	1689968	180.402	ug/L	100
102) trans-1,4-Dichloro-2-b...	21.162	53	745991	182.442	ug/L	92
103) 4-Chlorotoluene	21.667	91	9145492	184.298	ug/L	98
104) tert-Butylbenzene	22.370	119	9348439	187.677	ug/L	99
107) 1,2,4-Trimethylbenzene	22.462	105	10564726	190.139	ug/L	98
108) Limonene	23.033	68	3659041	203.380	ug/L	98
109) sec-Butylbenzene	22.880	105	13736134	186.192	ug/L	98
110) p-Isopropyltoluene	23.226	119	11957115	190.005	ug/L	99
111) 1,3-Dichlorobenzene	23.415	146	6080411	193.814	ug/L	100
112) 1,4-Dichlorobenzene	23.675	146	6018285	194.457	ug/L	100
113) trans-Decahydronaphtha...	24.160	138	3539521	208.757	ug/L	98
114) Undecane	23.814	57	5558886	180.029	ug/L	99
115) p-Diethylbenzene	24.232	119	7316085	192.789	ug/L	99
116) n-Butylbenzene	24.207	91	13246254	189.902	ug/L	99
117) Hexachloroethane	25.314	117	2470510	210.984	ug/L	90
118) 1,2-Dichlorobenzene	24.531	146	5512171	197.325	ug/L	100
119) cis-Decahydronaphthalene	25.621	138	2701274	208.387	ug/L	98
120) 1,2,4,5-Tetramethylben...	25.945	119	10863864	195.933	ug/L	97
121) 1,2-Dibromo-3-chloropr...	26.285	155	367402	204.812	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A12.D
Acq On : 16 Jan 2026 12:19 am
Operator : VOA126:JIC
Sample : I8260STD200PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 16 08:45:14 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
122)	1,3,5-Trichlorobenzene	26.762	180	4365806	199.852	ug/L	98
123)	Nitrobenzene	26.469	77	126565	256.443	ug/L	96
124)	Hexachlorobutadiene	28.234	225	2134480	192.532	ug/L	99
125)	1,2,4-Trichlorobenzene	27.975	180	3624907	197.603	ug/L	99
126)	Naphthalene	28.429	128	6416496	191.804	ug/L	100
127)	1,2,3-Trichlorobenzene	28.867	180	2931401	187.729	ug/L	98

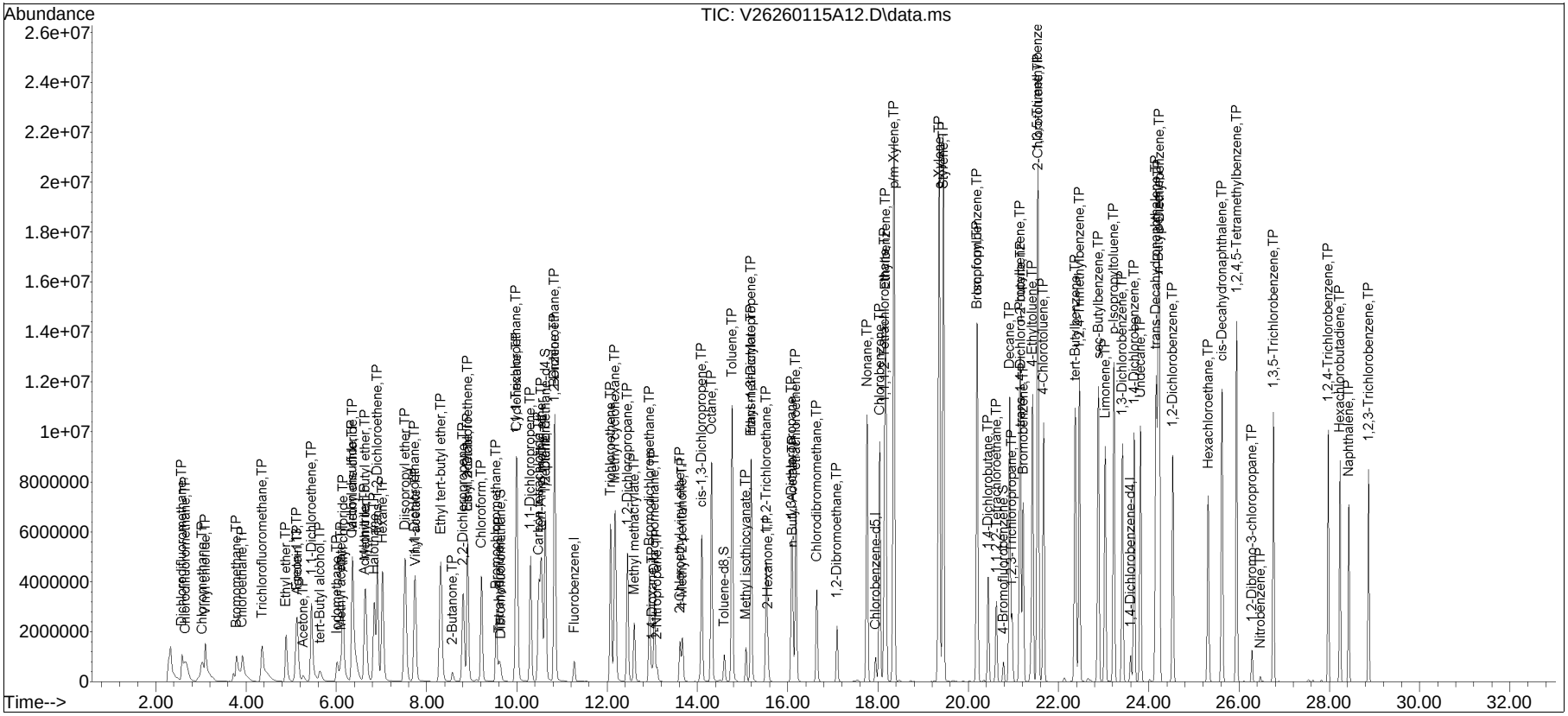
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A12.D
Acq On : 16 Jan 2026 12:19 am
Operator : VOA126:JIC
Sample : I8260STD200PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 16 08:45:14 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

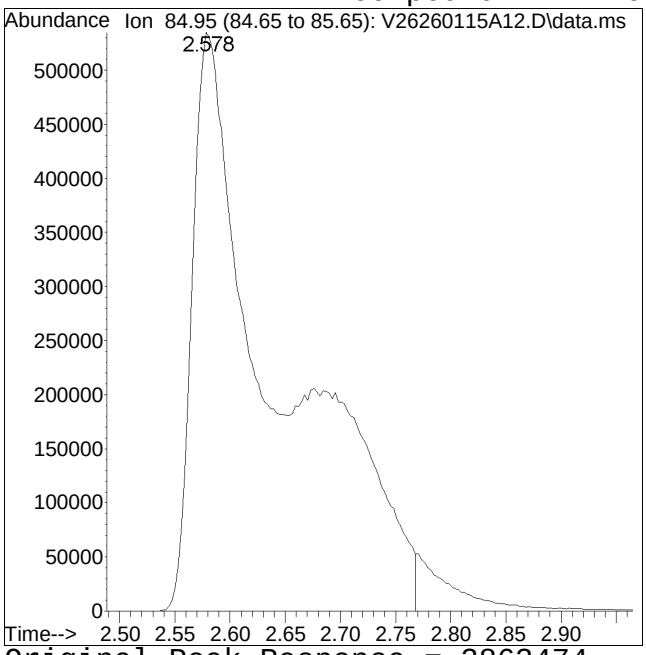
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk0.D•

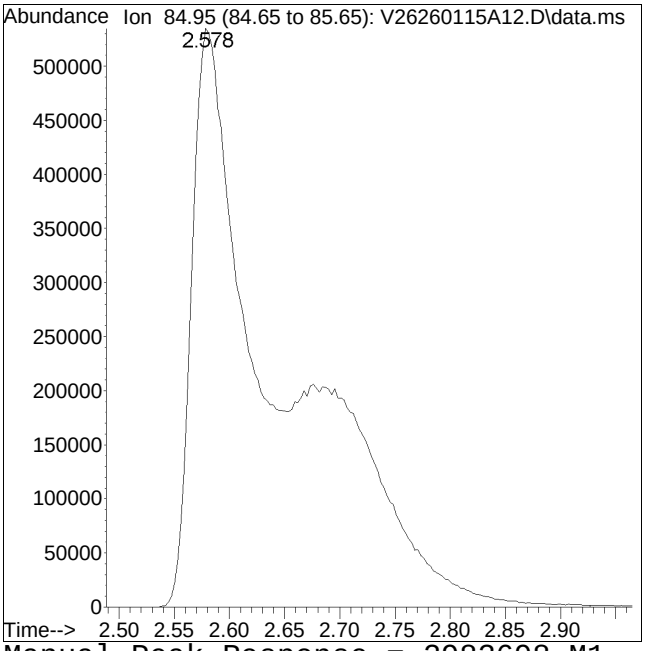


Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A12.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 12:19 am Instrument : VOA126
Sample : I8260STD200PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #2: Dichlorodifluoromethane



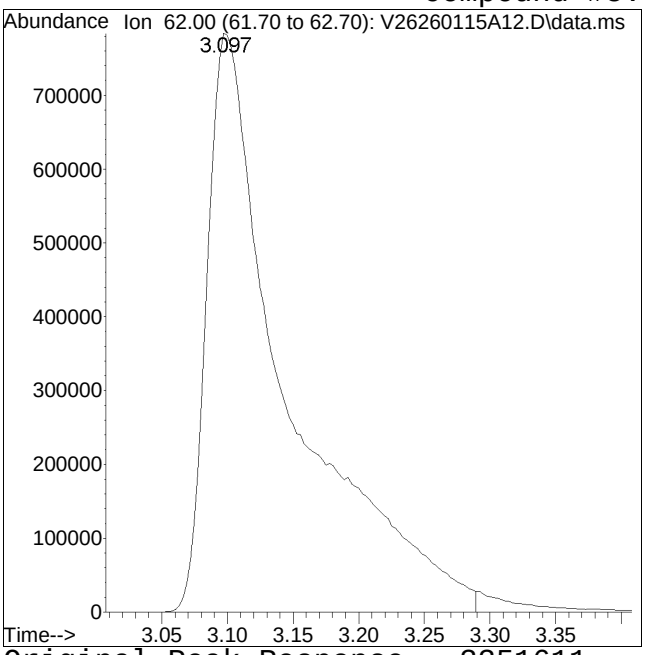


Original Peak Response = 2863474 Manual Peak Response = 2983698 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

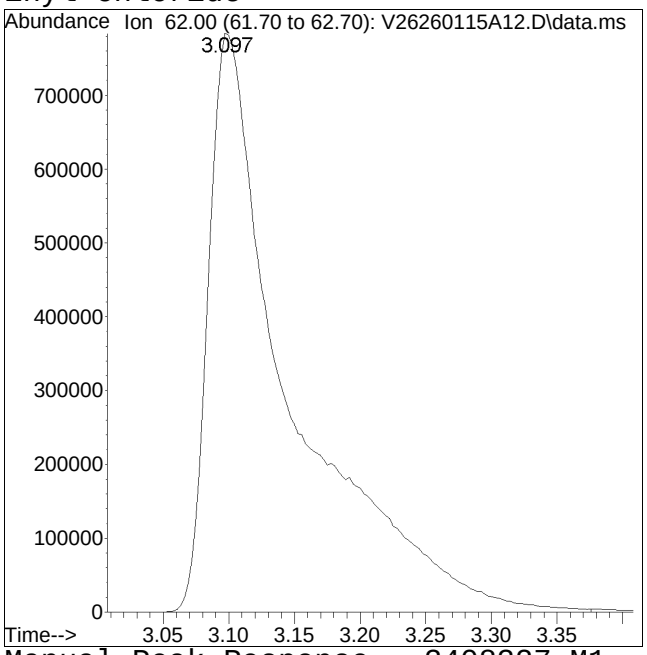
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A12.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 12:19 am Instrument : VOA126
Sample : I8260STD200PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #5: Vinyl chloride



Original Peak Response = 3351611



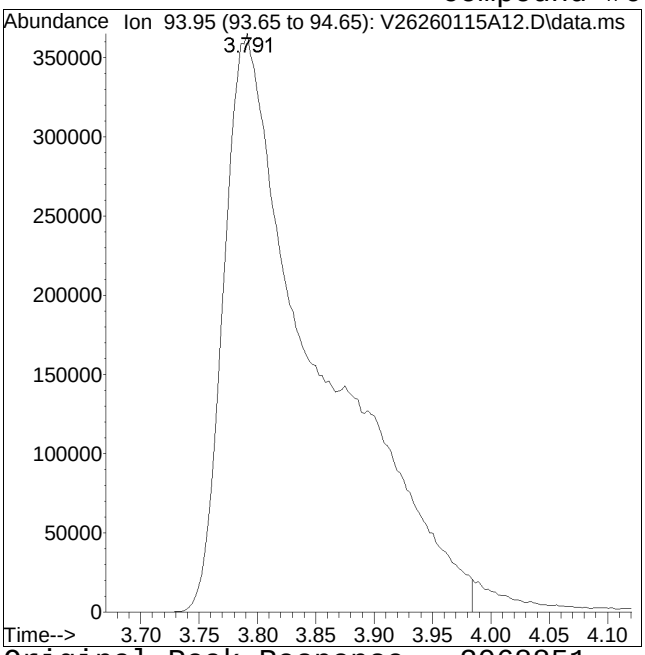
Manual Peak Response = 3408327 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

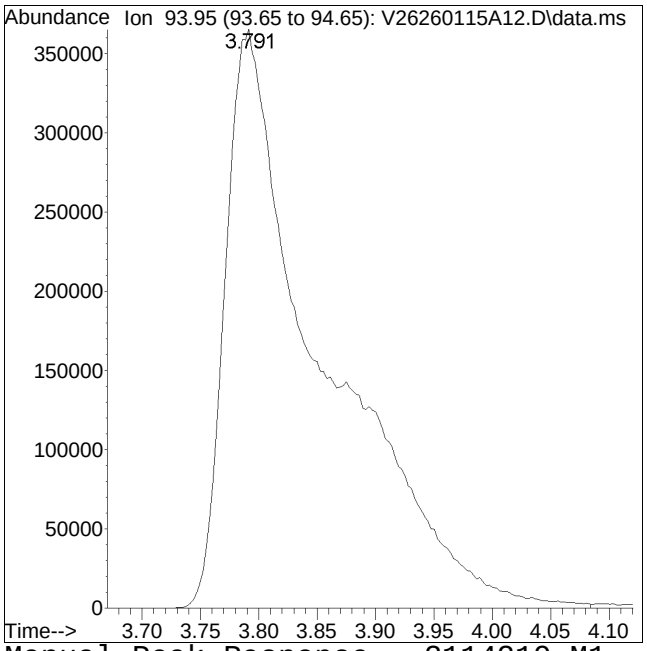
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A12.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 12:19 am Instrument : VOA126
Sample : I8260STD200PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #6: Bromomethane



Original Peak Response = 2068851



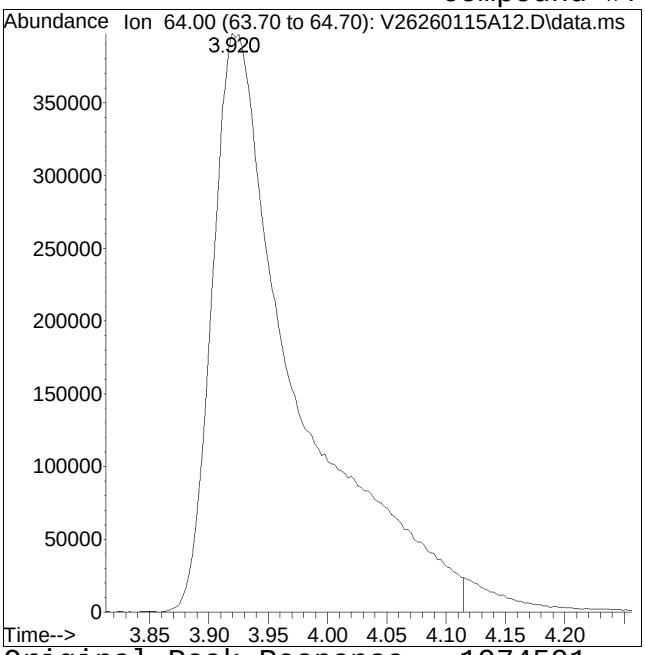
Manual Peak Response = 2114219 M1

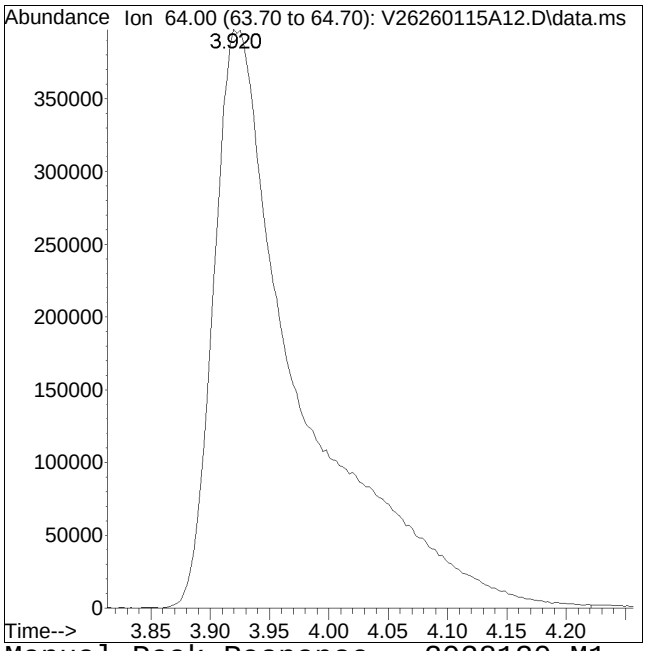
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A12.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 12:19 am Instrument : VOA126
Sample : I8260STD200PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #7: Chloroethane



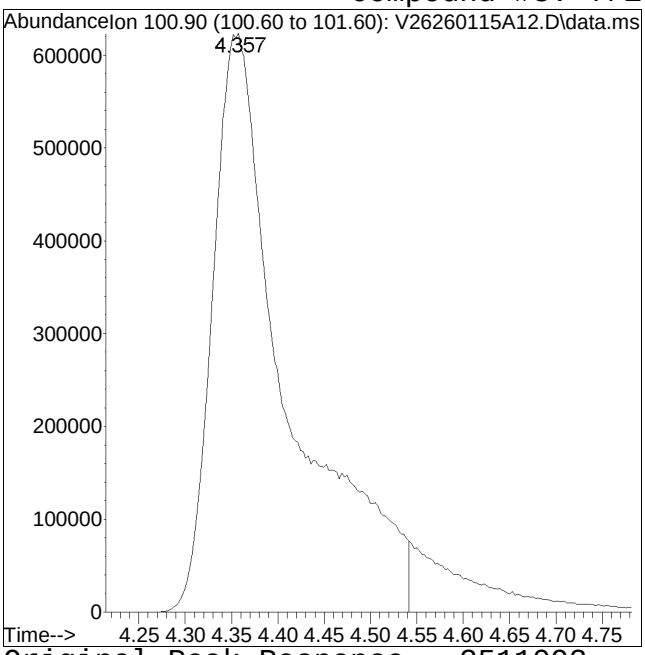


Original Peak Response = 1974591 Manual Peak Response = 2028130 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

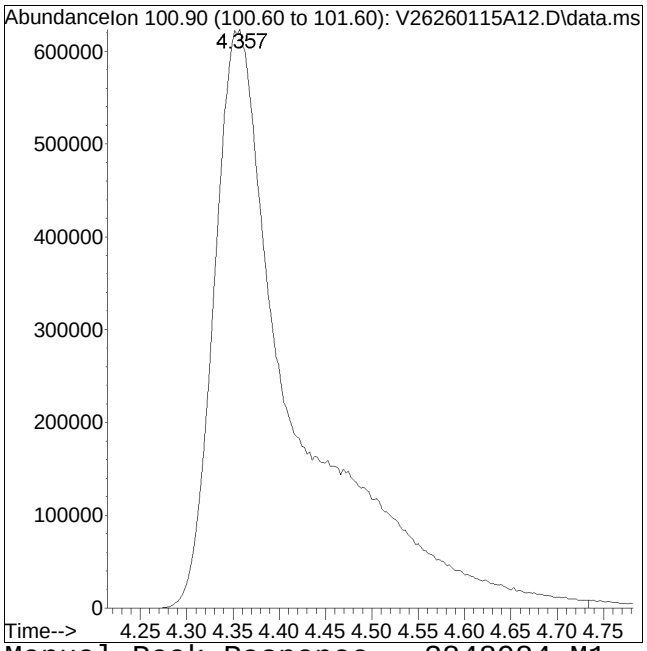
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A12.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 12:19 am Instrument : VOA126
Sample : I8260STD200PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #8: Trichlorofluoromethane



Original Peak Response = 3511093



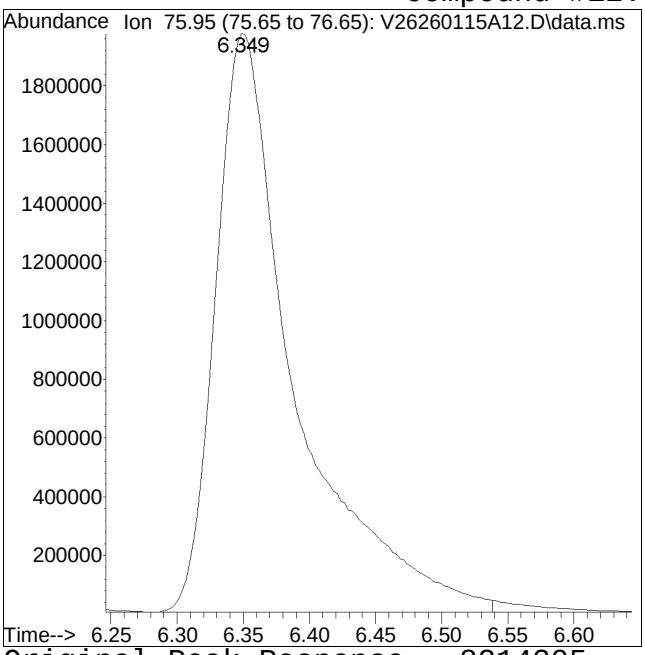
Manual Peak Response = 3848084 M1

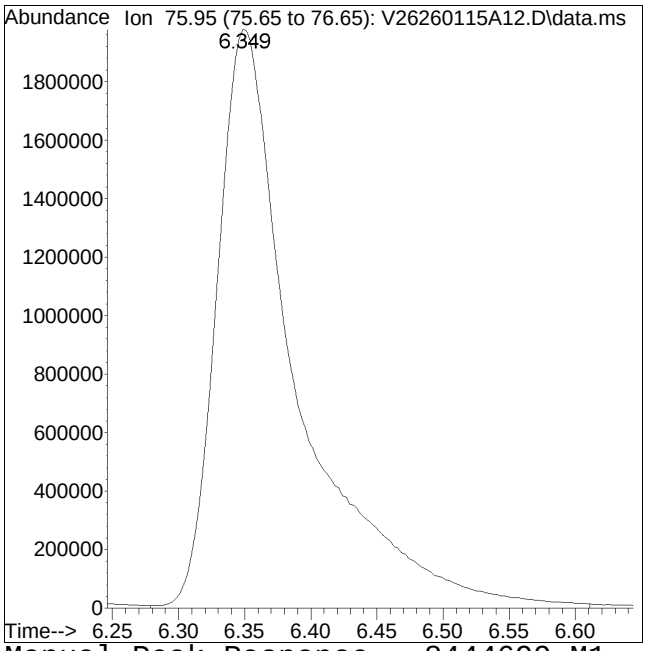
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A12.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 12:19 am Instrument : VOA126
Sample : I8260STD200PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #12: Carbon disulfide





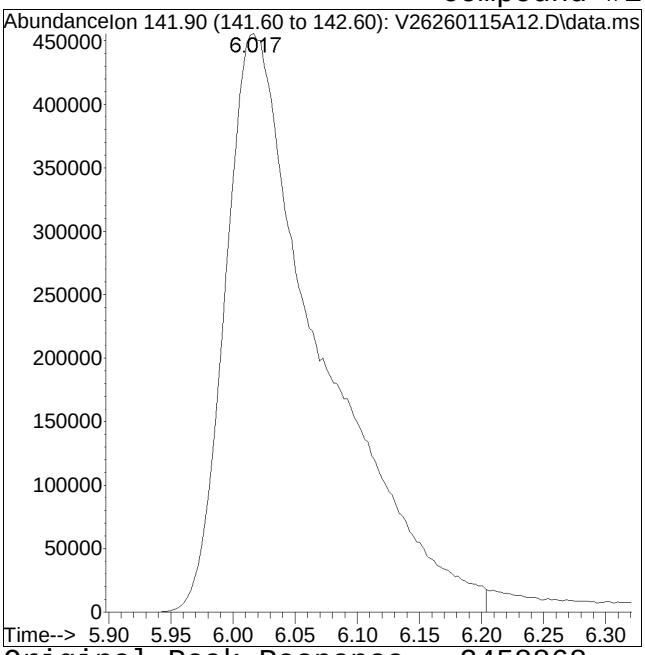
Original Peak Response = 8214305 Manual Peak Response = 8444699 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

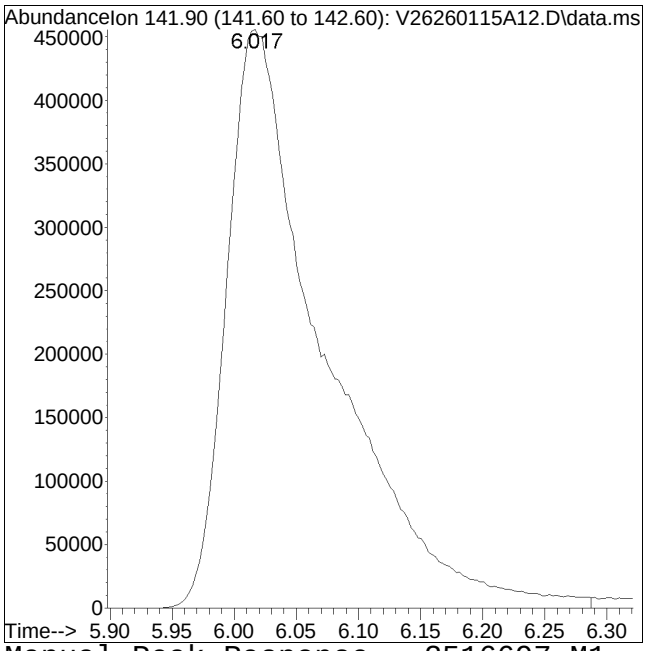
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A12.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 12:19 am Instrument : VOA126
Sample : I8260STD200PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #14: Iodomethane



Original Peak Response = 2458868



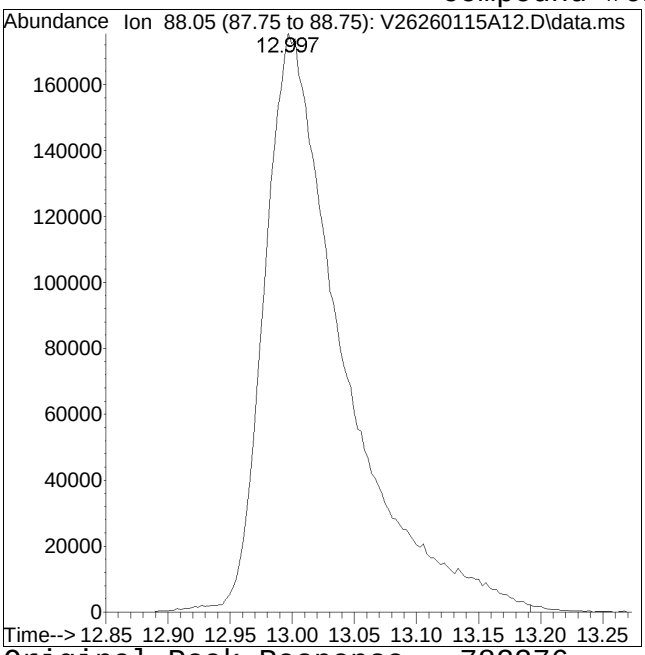
Manual Peak Response = 2516697 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

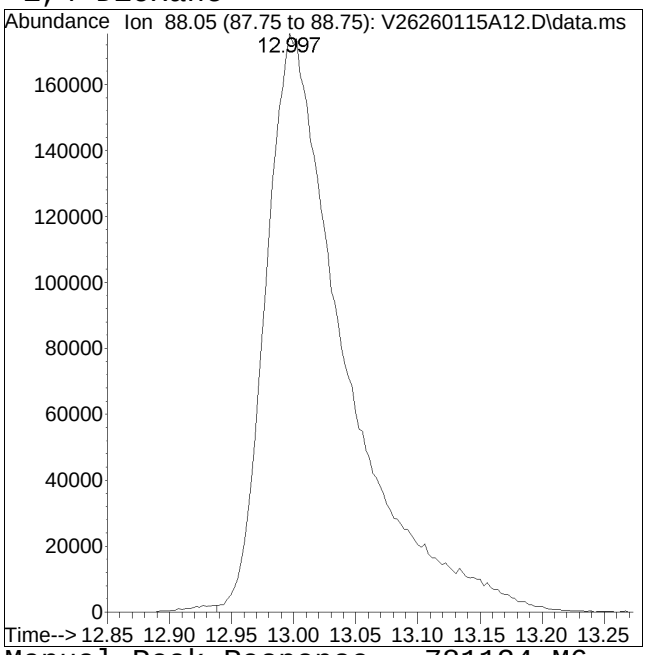
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A12.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 12:19 am Instrument : VOA126
Sample : I8260STD200PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #61: 1,4-Dioxane



Original Peak Response = 782376



Manual Peak Response = 781124 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A13.D
Acq On : 16 Jan 2026 12:58 am
Operator : VOA126:JIC
Sample : I8260STD300PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 16 08:46:51 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	11.274	96	1200111	20.000	ug/L	0.00
Standard Area 1 = 1049446			Recovery = 114.36%			
63) Chlorobenzene-d5	17.947	117	867456	20.000	ug/L	0.00
Standard Area 1 = 824443			Recovery = 105.22%			
88) 1,4-Dichlorobenzene-d4	23.599	152	444957	20.000	ug/L	0.00
Standard Area 1 = 407086			Recovery = 109.30%			
System Monitoring Compounds						
39) Dibromofluoromethane	9.645	113	288933	19.479	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.39%			
47) 1,2-Dichloroethane-d4	10.638	65	302732	21.034	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.17%			
65) Toluene-d8	14.595	98	1151738	20.499	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.50%			
92) 4-Bromofluorobenzene	20.777	95	411103	18.900	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.578	85	4954681M1	261.422	ug/L	
3) Chlorodifluoromethane	2.651	51	2830888	258.087	ug/L	97
4) Chloromethane	3.039	50	5162582	278.762	ug/L	93
5) Vinyl chloride	3.097	62	5259119M1	242.190	ug/L	
6) Bromomethane	3.786	94	3358945M1	274.084	ug/L	
7) Chloroethane	3.917	64	3343340M1	260.605	ug/L	
8) Trichlorofluoromethane	4.352	101	6479531M1	260.125	ug/L	
9) Ethyl ether	4.890	74	2300189	295.217	ug/L	96
11) 1,1-Dichloroethene	5.454	96	4009812M1	272.854	ug/L	
12) Carbon disulfide	6.346	76	14047491M1	276.261	ug/L	
13) Freon-113	5.124	101	4178577	285.176	ug/L	99
14) Iodomethane	6.017	142	3779427M1	246.928	ug/L	
15) Acrolein	5.144	56	270555	297.933	ug/L	99
16) Allyl chloride	6.148	76	2050347	249.970	ug/L	82
17) Methylene chloride	6.365	84	4379777M1	276.495	ug/L	
19) Acetone	5.272	43	984673	269.790	ug/L	97
20) trans-1,2-Dichloroethene	6.906	96	4674541	283.102	ug/L	99
21) Methyl acetate	6.103	43	2016184	302.448	ug/L	95
22) Hexane	7.026	57	6151961	290.054	ug/L	97
23) Methyl tert-butyl ether	6.644	73	11736046	300.008	ug/L	97
24) tert-Butyl alcohol	5.649	59	1827485	1458.514	ug/L	96

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A13.D
Acq On : 16 Jan 2026 12:58 am
Operator : VOA126:JIC
Sample : I8260STD300PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 16 08:46:51 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Diisopropyl ether	7.526	45	13645608	289.017	ug/L		98
26) 1,1-Dichloroethane	7.735	63	8476578	282.822	ug/L		100
27) Halothane	6.842	117	3609438	289.458	ug/L		100
28) Acrylonitrile	6.628	53	1118292	299.045	ug/L		99
29) Ethyl tert-butyl ether	8.318	59	14108284	297.767	ug/L		99
30) Vinyl acetate	7.760	43	7260777	296.274	ug/L		96
31) cis-1,2-Dichloroethene	8.909	96	5118253	292.104	ug/L		98
32) 2,2-Dichloropropane	8.811	77	7133186	290.950	ug/L		93
33) Bromochloromethane	9.545	128	2024460	273.158	ug/L		94
34) Cyclohexane	9.999	56	8352697	296.992	ug/L		97
35) Chloroform	9.218	83	8313215	285.121	ug/L		99
36) Ethyl acetate	8.912	43	2839023	307.379	ug/L	#	97
37) Carbon tetrachloride	10.484	117	7000233	297.310	ug/L		100
38) Tetrahydrofuran	9.611	42	866482	303.971	ug/L		92
40) 1,1,1-Trichloroethane	9.988	97	7498000	289.208	ug/L		99
42) 2-Butanone	8.577	43	1230173	300.285	ug/L		95
43) 1,1-Dichloropropene	10.306	75	6388869	294.574	ug/L		100
44) Heptane	10.635	71	4176798	296.714	ug/L		96
45) Benzene	10.844	78	17805760	288.238	ug/L		98
46) tert-Amyl methyl ether	10.546	73	12107752	303.913	ug/L		98
48) 1,2-Dichloroethane	10.833	62	5758706	287.473	ug/L		100
51) Methyl cyclohexane	12.180	83	8533481	314.804	ug/L		98
52) Trichloroethene	12.079	95	5227916	299.844	ug/L		98
54) Dibromomethane	13.050	93	2549508	295.626	ug/L		97
55) 1,2-Dichloropropane	12.453	63	4893077	295.327	ug/L		99
57) 2-Chloroethyl vinyl ether	13.613	63	1739643	266.485	ug/L		93
58) Bromodichloromethane	12.938	83	6627021	293.968	ug/L		100
60) Methyl methacrylate	12.604	69	2217371	299.821	ug/L		90
61) 1,4-Dioxane	13.005	88	1308688M1	14641.845	ug/L		
62) cis-1,3-Dichloropropene	14.098	75	7586150	297.385	ug/L		94
64) Octane	14.319	85	4754513	321.289	ug/L		97
66) Toluene	14.771	92	11767778	307.832	ug/L		99
67) 4-Methyl-2-pentanone	13.672	58	1311298	326.725	ug/L		87
68) Tetrachloroethene	16.184	166	5321537	315.629	ug/L		99
69) 2-Nitropropane	13.108	41	718413	314.614	ug/L		98
71) trans-1,3-Dichloropropene	15.194	75	6405657	319.167	ug/L		88
72) Methyl isothiocyanate	15.077	73	2221326	338.687	ug/L		99
74) Ethyl methacrylate	15.189	69	5041778	318.203	ug/L		98
75) 1,1,2-Trichloroethane	15.526	83	3028284	316.415	ug/L		99
76) Chlorodibromomethane	16.645	129	4793230	321.256	ug/L		100

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A13.D
Acq On : 16 Jan 2026 12:58 am
Operator : VOA126:JIC
Sample : I8260STD300PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 16 08:46:51 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) 1,3-Dichloropropane	16.087	76	6080597	316.611	ug/L	100
78) 1,2-Dibromoethane	17.093	107	3534086	319.344	ug/L	100
79) n-Butyl Acetate	16.112	43	4813826	292.665	ug/L	94
80) 2-Hexanone	15.563	43	2023472	304.850	ug/L	92
81) Nonane	17.766	57	8602129	303.828	ug/L	99
82) Chlorobenzene	18.042	112	12553806	294.902	ug/L	100
83) Ethylbenzene	18.178	91	20820183	281.428	ug/L	100
84) 1,1,1,2-Tetrachloroethane	18.148	131	4747870	308.832	ug/L	99
85) p/m Xylene	18.362	106	16594863	580.328	ug/L	92
86) o Xylene	19.361	106	15942457	576.563	ug/L	91
87) Styrene	19.450	104	24328233	520.979	ug/L	98
89) Bromoform	20.206	173	2856158	311.027	ug/L	100
91) Isopropylbenzene	20.200	105	20873332	274.700	ug/L	99
93) Bromobenzene	21.221	156	5041688	281.095	ug/L	100
94) Decane	20.928	57	9430215	280.879	ug/L	99
95) n-Propylbenzene	21.145	91	23208188	265.009	ug/L	100
96) 1,4-Dichlorobutane	20.443	55	5765988	277.545	ug/L	99
97) 1,1,2,2-Tetrachloroethane	20.624	83	4012525	287.125	ug/L	100
98) 4-Ethyltoluene	21.433	105	20077786	280.094	ug/L	99
99) 2-Chlorotoluene	21.553	91	15875928	278.492	ug/L	99
100) 1,3,5-Trimethylbenzene	21.544	105	17388437	285.767	ug/L	99
101) 1,2,3-Trichloropropane	20.970	75	2794022	281.229	ug/L	94
102) trans-1,4-Dichloro-2-b...	21.165	53	1220608	281.472	ug/L	88
103) 4-Chlorotoluene	21.675	91	14747269	280.217	ug/L	99
104) tert-Butylbenzene	22.372	119	15601597	295.331	ug/L	99
107) 1,2,4-Trimethylbenzene	22.467	105	16999798	288.487	ug/L	99
108) Limonene	23.036	68	5622215	294.658	ug/L	98
109) sec-Butylbenzene	22.886	105	22572506	288.499	ug/L	100
110) p-Isopropyltoluene	23.231	119	19486373	291.971	ug/L	99
111) 1,3-Dichlorobenzene	23.421	146	9863868	296.462	ug/L	100
112) 1,4-Dichlorobenzene	23.680	146	9759168	297.325	ug/L	100
113) trans-Decahydronaphtha...	24.166	138	5494116	305.536	ug/L	97
114) Undecane	23.823	57	7497839	228.960	ug/L	98
115) p-Diethylbenzene	24.241	119	11970104	297.419	ug/L	99
116) n-Butylbenzene	24.213	91	21607211	292.082	ug/L	99
117) Hexachloroethane	25.315	117	3853113	310.272	ug/L	89
118) 1,2-Dichlorobenzene	24.537	146	8992733	303.543	ug/L	100
119) cis-Decahydronaphthalene	25.627	138	4193572	305.039	ug/L	97
120) 1,2,4,5-Tetramethylben...	25.950	119	17358521	295.192	ug/L	99
121) 1,2-Dibromo-3-chloropr...	26.288	155	633731	333.109	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A13.D
Acq On : 16 Jan 2026 12:58 am
Operator : VOA126:JIC
Sample : I8260STD300PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 16 08:46:51 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
122) 1,3,5-Trichlorobenzene	26.762	180	7156052	308.877	ug/L	98
123) Nitrobenzene	26.472	77	228033	435.656	ug/L	98
124) Hexachlorobutadiene	28.237	225	3663231	311.562	ug/L	100
125) 1,2,4-Trichlorobenzene	27.978	180	5835338	299.939	ug/L	99
126) Naphthalene	28.432	128	10445695	294.418	ug/L	100
127) 1,2,3-Trichlorobenzene	28.867	180	4623358	279.179	ug/L	98

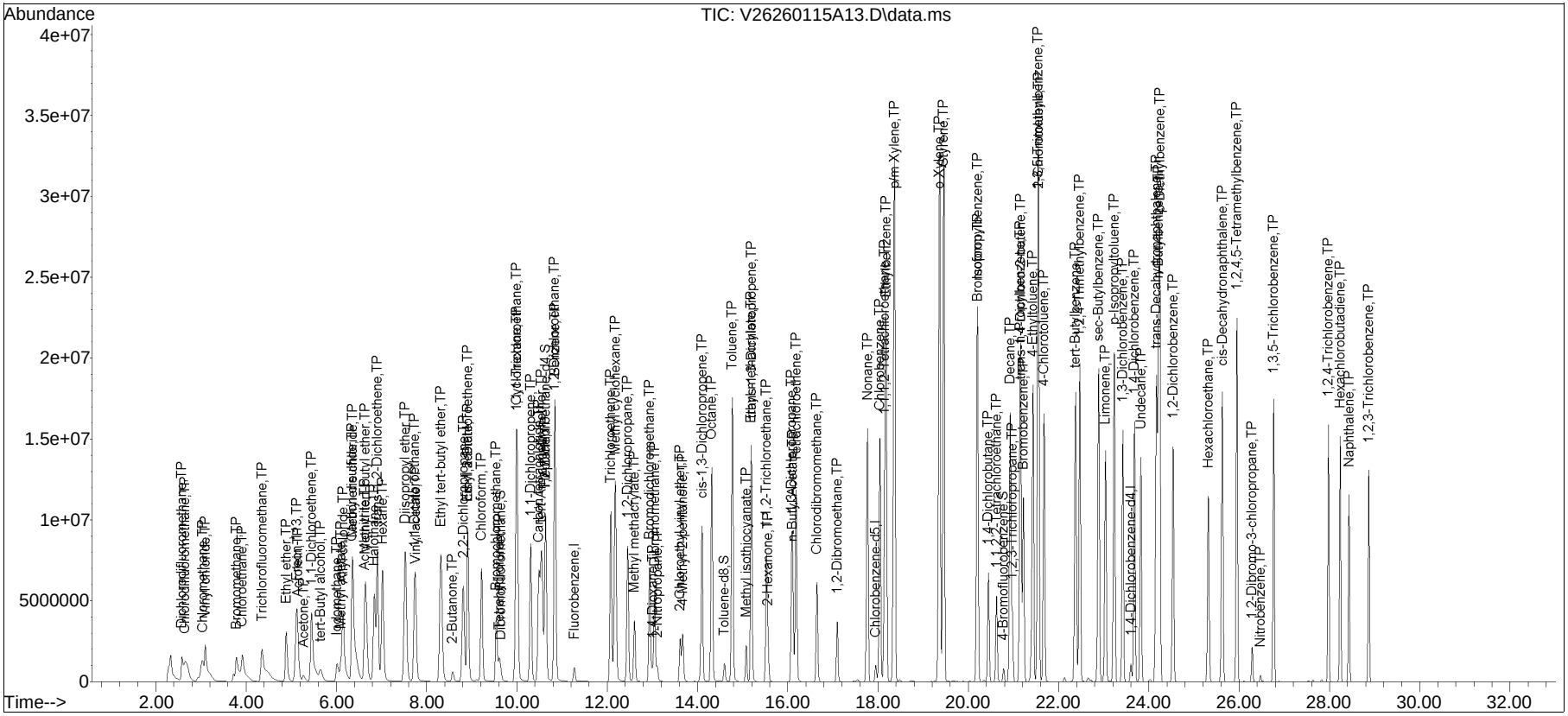
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A13.D
Acq On : 16 Jan 2026 12:58 am
Operator : VOA126:JIC
Sample : I8260STD300PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 16 08:46:51 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 08:24:39 2026
Response via : Initial Calibration

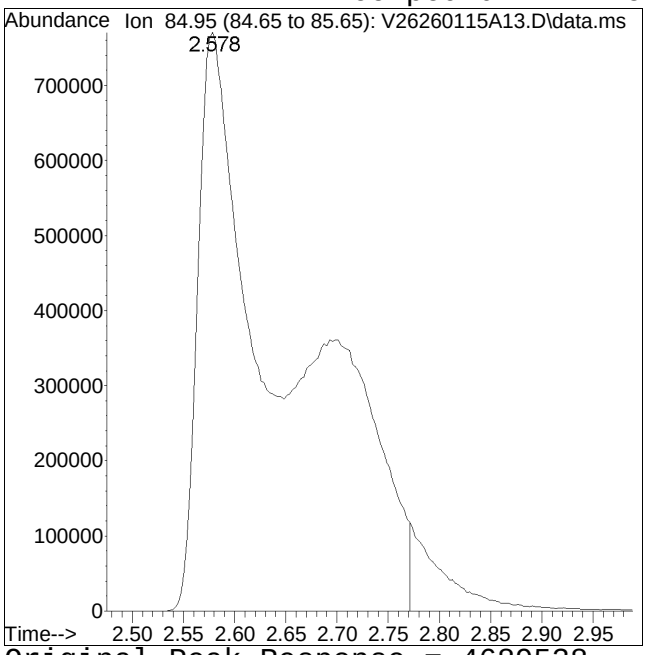
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk0.D•

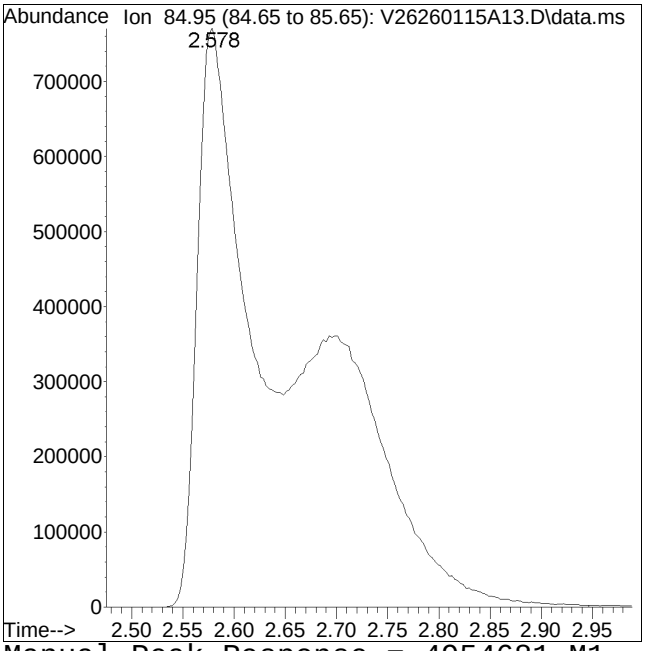


Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A13.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 12:58 am Instrument : VOA126
Sample : I8260STD300PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #2: Dichlorodifluoromethane



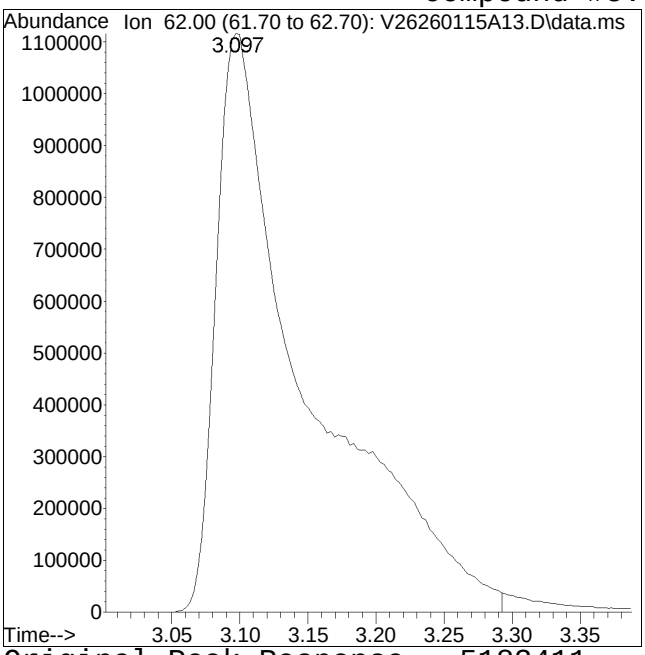


Original Peak Response = 4689538 Manual Peak Response = 4954681 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

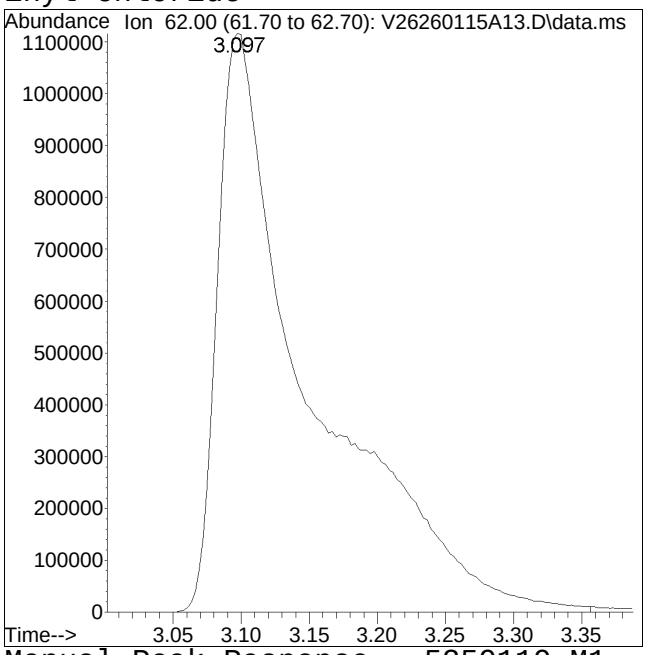
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A13.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 12:58 am Instrument : VOA126
Sample : I8260STD300PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #5: Vinyl chloride



Original Peak Response = 5183411



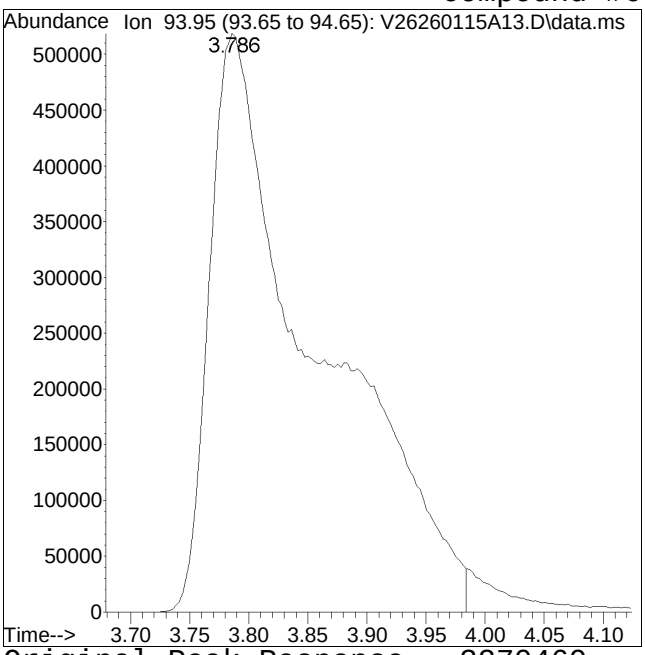
Manual Peak Response = 5259119 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

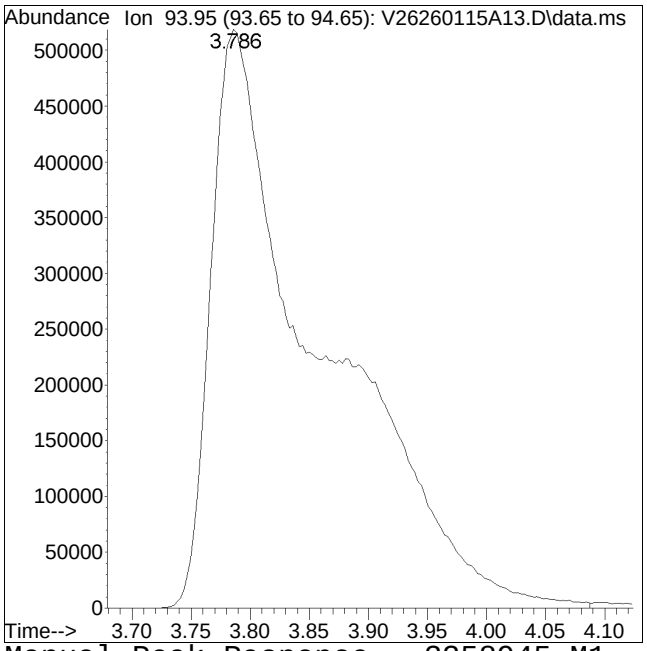
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A13.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 12:58 am Instrument : VOA126
Sample : I8260STD300PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #6: Bromomethane



Original Peak Response = 3270469



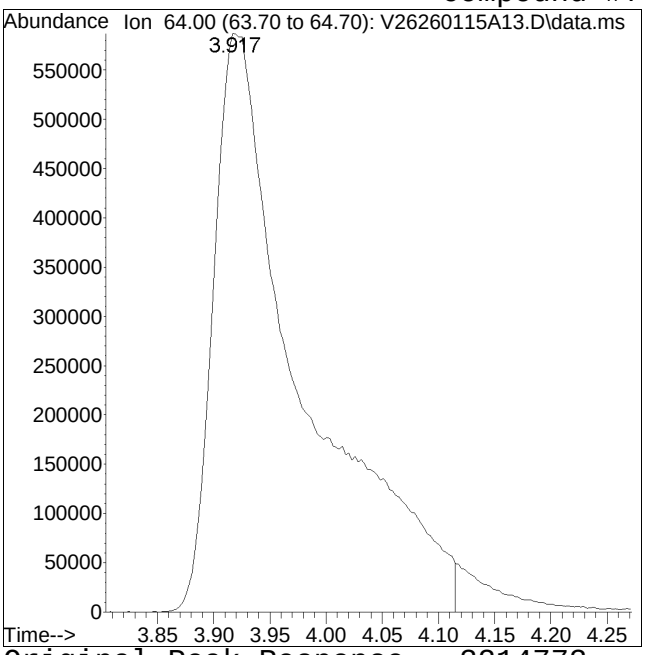
Manual Peak Response = 3358945 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

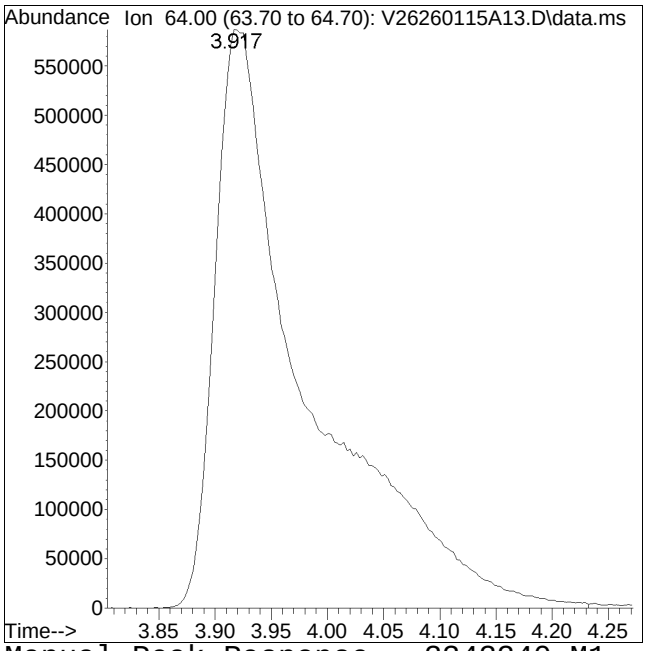
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A13.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 12:58 am Instrument : VOA126
Sample : I8260STD300PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #7: Chloroethane



Original Peak Response = 3214773



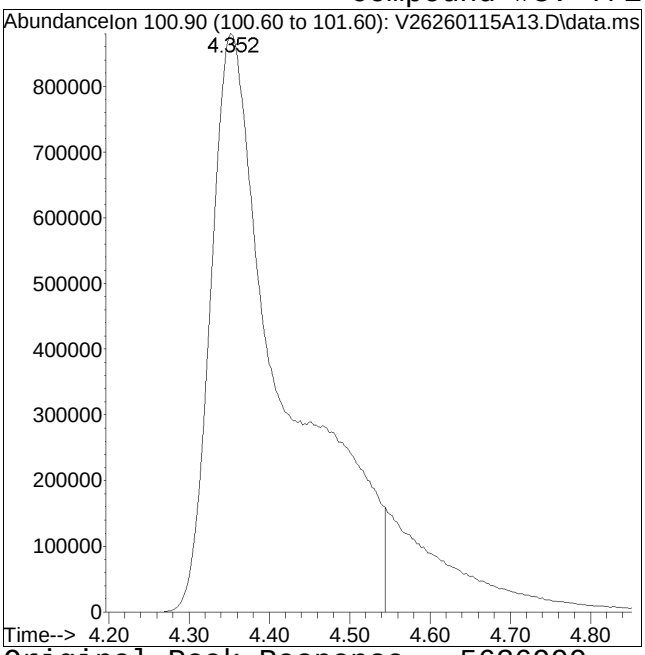
Manual Peak Response = 3343340 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

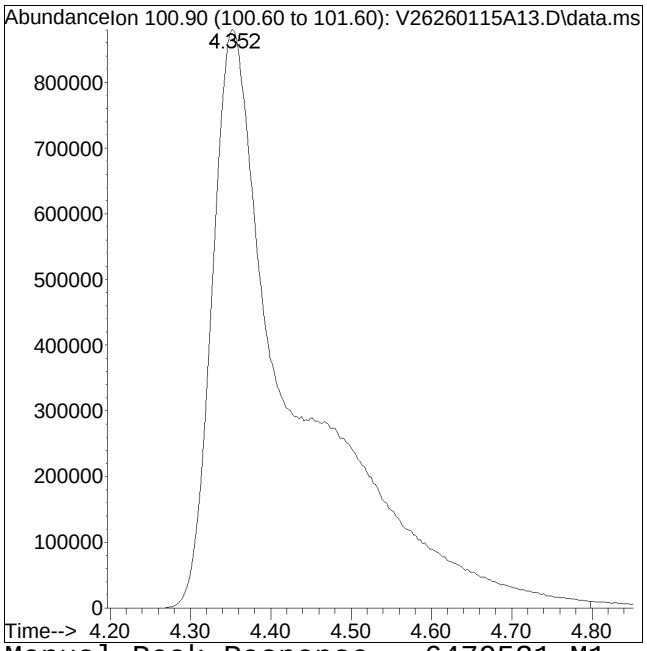
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A13.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 12:58 am Instrument : VOA126
Sample : I8260STD300PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #8: Trichlorofluoromethane



Original Peak Response = 5636999



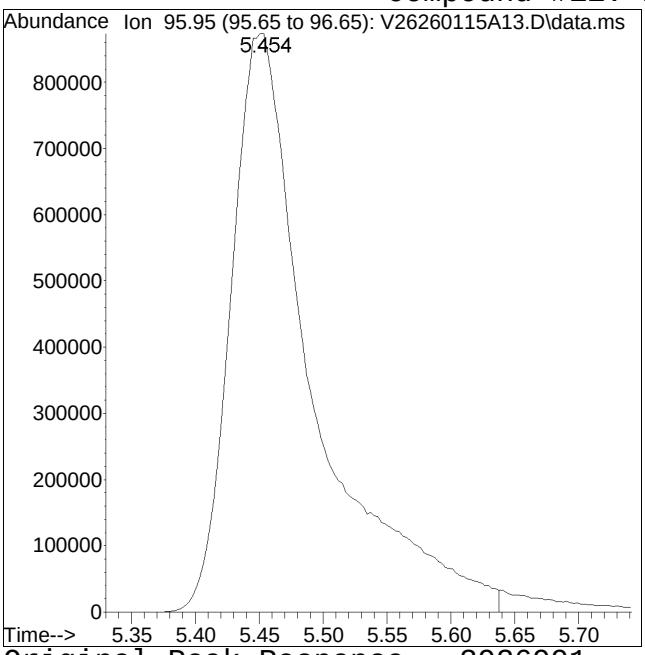
Manual Peak Response = 6479531 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

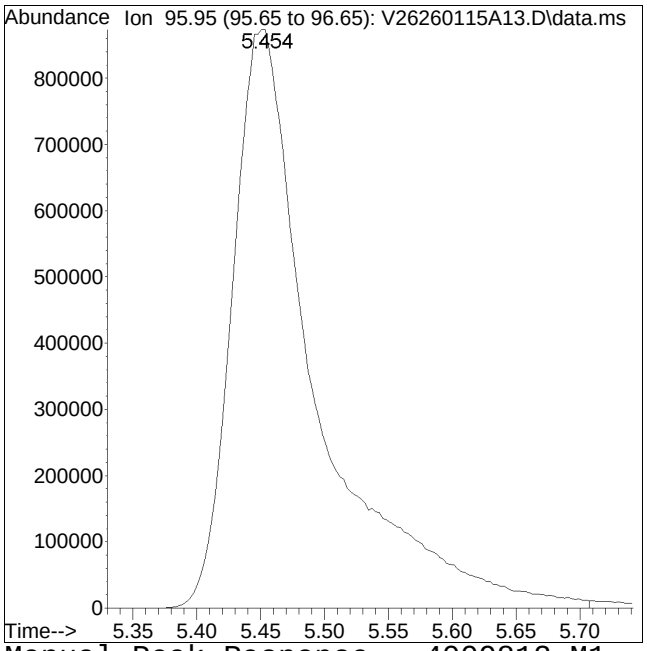
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A13.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 12:58 am Instrument : VOA126
Sample : I8260STD300PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #11: 1,1-Dichloroethene



Original Peak Response = 3926991



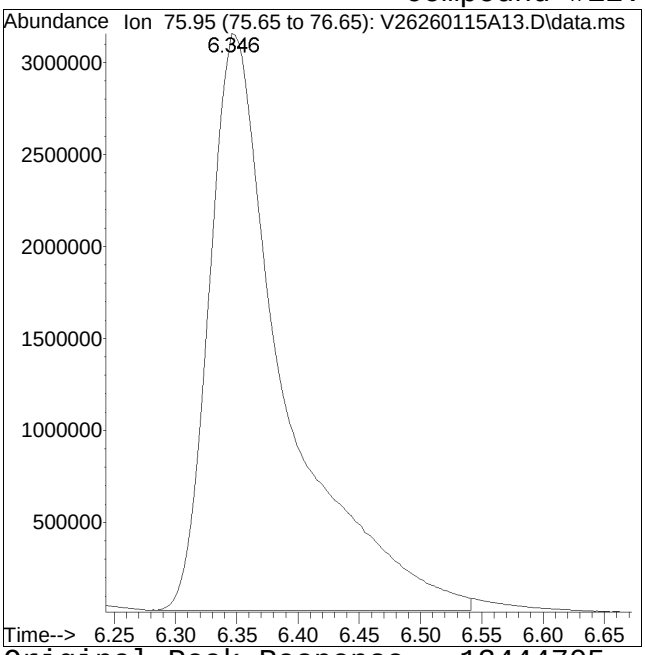
Manual Peak Response = 4009812 M1

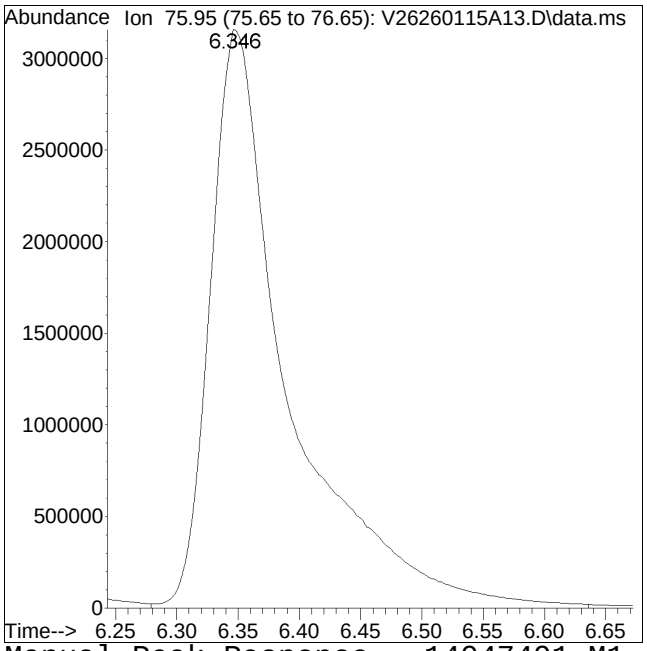
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A13.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 12:58 am Instrument : VOA126
Sample : I8260STD300PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #12: Carbon disulfide



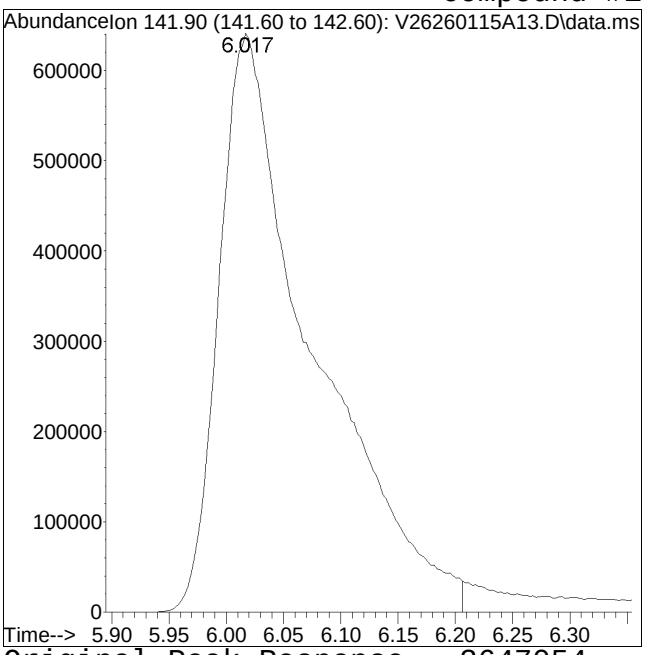


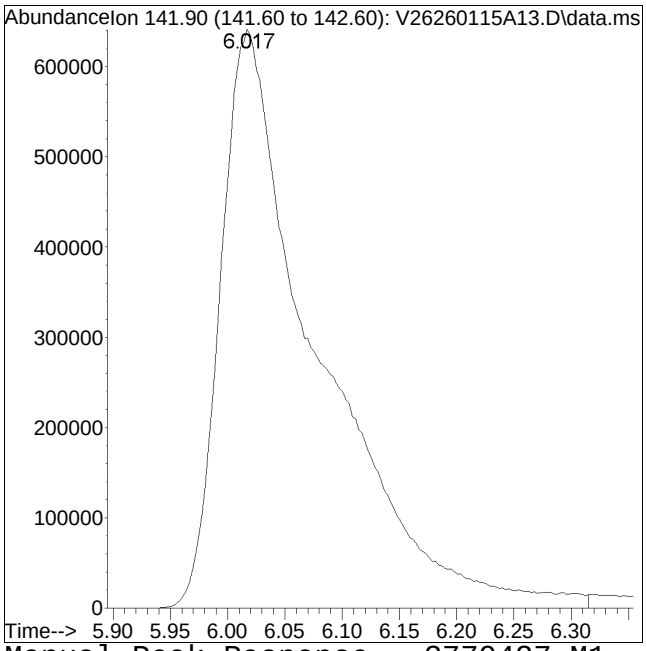
Original Peak Response = 13444705 Manual Peak Response = 14047491 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A13.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 12:58 am Instrument : VOA126
Sample : I8260STD300PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #14: Iodomethane



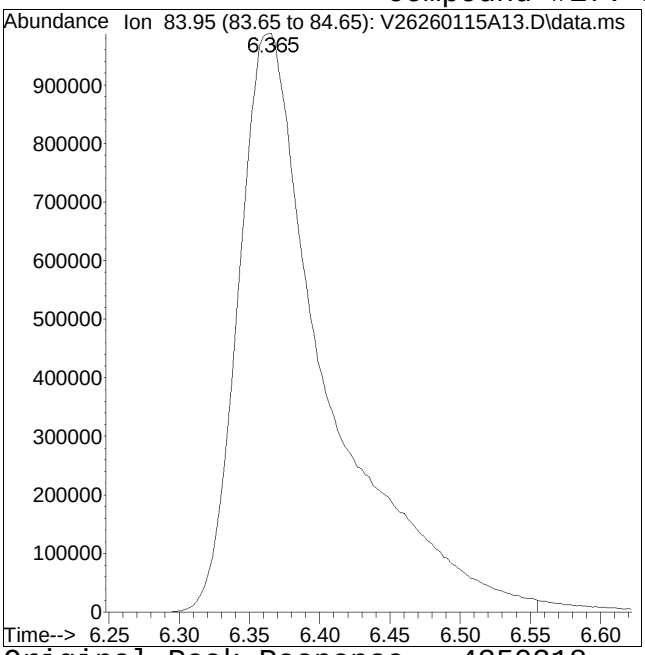


Original Peak Response = 3647054 Manual Peak Response = 3779427 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

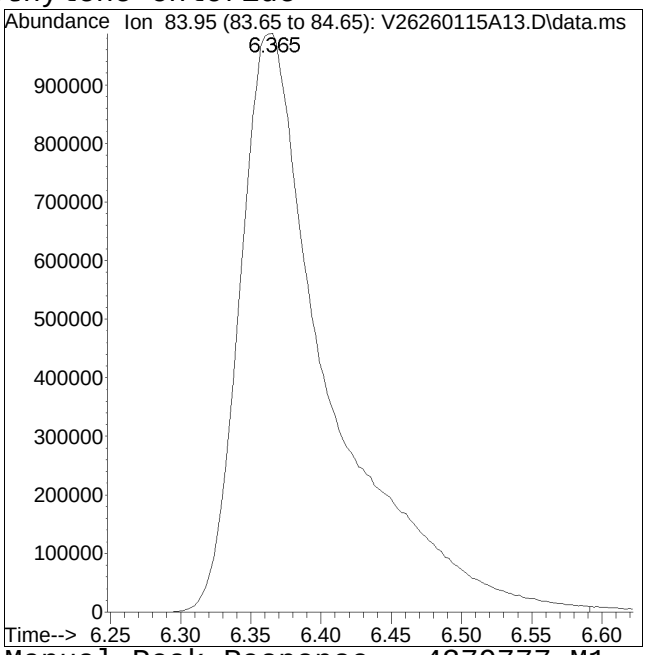
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A13.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 12:58 am Instrument : VOA126
Sample : I8260STD300PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #17: Methylene chloride



Original Peak Response = 4350318



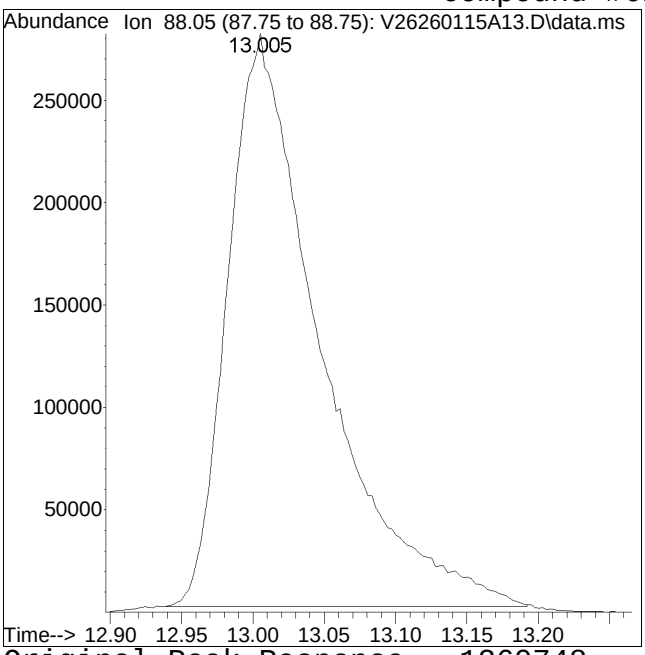
Manual Peak Response = 4379777 M1

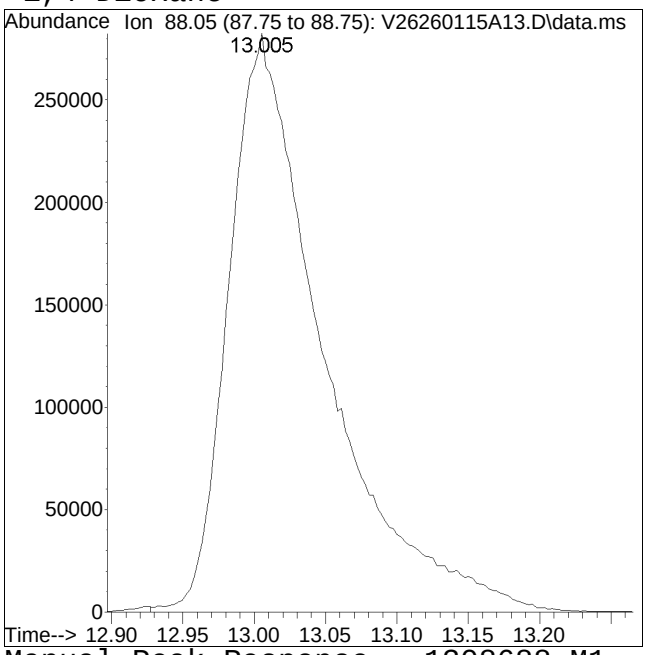
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A13.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 12:58 am Instrument : VOA126
Sample : I8260STD300PPB+SUFF Quant Date : 1/16/2026 8:26 am

Compound #61: 1,4-Dioxane





Original Peak Response = 1260748 Manual Peak Response = 1308688 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Evaluate Continuing Calibration Report

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A18.D
Acq On : 16 Jan 2026 04:11 am
Operator : VOA126:JIC
Sample : C8260STD40PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 16 09:04:11 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	101	0.00
2	TP	Dichlorodifluoromethane	0.292	0.251	14.0	81	0.00
3	TP	Chlorodifluoromethane	0.188	0.285	-51.6#	158	0.00
4	TP	Chloromethane	0.302	0.266	11.9	87	0.00
5	TP	Vinyl chloride	0.331	0.328	0.9	92	0.00
6	TP	Bromomethane	0.212	0.219	-3.3	109	0.00
7	TP	Chloroethane	0.202	0.180	10.9	85	0.00
8	TP	Trichlorofluoromethane	0.382	0.352	7.9	86	0.00
9	TP	Ethyl ether	0.127	0.120	5.5	94	0.00
11	TP	1,1-Dichloroethene	0.232	0.211	9.1	87	0.00
12	TP	Carbon disulfide	0.813	0.703	13.5	84	0.00
13	TP	Freon-113	0.229	0.262	-14.4	109	0.00
14	TP	Iodomethane	0.218	0.160	26.6#	64	0.00
15	TP	Acrolein	0.015	0.023	-53.3#	157	0.00
16	TP	Allyl chloride	0.124	0.132	-6.5	98	0.00
17	TP	Methylene chloride	0.288	0.233	19.1	90	0.00
19	TP	Acetone	* 40.000	31.005	22.5#	78	0.00
20	TP	trans-1,2-Dichloroethene	0.262	0.244	6.9	90	0.00
21	TP	Methyl acetate	0.112	0.108	3.6	99	0.00
22	TP	Hexane	0.324	0.385	-18.8	110	0.00
23	TP	Methyl tert-butyl ether	0.639	0.602	5.8	94	0.00
24	TP	tert-Butyl alcohol	0.021	0.021	0.0	101	0.00
25	TP	Diisopropyl ether	0.755	0.730	3.3	94	0.00
26	TP	1,1-Dichloroethane	0.483	0.447	7.5	91	0.00
27	TP	Halothane	0.197	0.209	-6.1	102	0.00
28	TP	Acrylonitrile	0.062	0.056	9.7	91	0.00
29	TP	Ethyl tert-butyl ether	0.762	0.744	2.4	96	0.00
30	TP	Vinyl acetate	0.395	0.348	11.9	86	0.00
31	TP	cis-1,2-Dichloroethene	0.288	0.258	10.4	90	0.00
32	TP	2,2-Dichloropropane	0.394	0.368	6.6	91	0.00
33	TP	Bromochloromethane	0.121	0.113	6.6	93	0.00
34	TP	Cyclohexane	0.446	0.479	-7.4	104	0.00
35	TP	Chloroform	0.498	0.444	10.8	93	0.00
36	TP	Ethyl acetate	0.153	0.155	-1.3	102	0.00
37	TP	Carbon tetrachloride	0.371	0.356	4.0	92	0.00
38	TP	Tetrahydrofuran	0.050	0.046	8.0	98	0.00
39	S	Dibromofluoromethane	0.247	0.246	0.4	101	0.00
40	TP	1,1,1-Trichloroethane	0.404	0.397	1.7	93	0.00
42	TP	2-Butanone	0.075	0.065	13.3	96	0.00

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A18.D
Acq On : 16 Jan 2026 04:11 am
Operator : VOA126:JIC
Sample : C8260STD40PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 16 09:04:11 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
43	TP	1,1-Dichloropropene	0.336	0.339	-0.9	95	0.00
44	TP	Heptane	0.214	0.240	-12.1	104	0.00
45	TP	Benzene	0.982	0.922	6.1	91	0.00
46	TP	tert-Amyl methyl ether	0.648	0.621	4.2	95	0.00
47	S	1,2-Dichloroethane-d4	0.244	0.240	1.6	102	0.00
48	TP	1,2-Dichloroethane	0.329	0.302	8.2	92	0.00
51	TP	Methyl cyclohexane	0.430	0.461	-7.2	103	0.00
52	TP	Trichloroethene	0.275	0.262	4.7	92	0.00
54	TP	Dibromomethane	0.142	0.130	8.5	92	0.00
55	TP	1,2-Dichloropropane	0.268	0.250	6.7	92	0.00
57	TP	2-Chloroethyl vinyl ether	0.105	0.098	6.7	91	0.00
58	TP	Bromodichloromethane	0.357	0.332	7.0	90	0.00
60	TP	Methyl methacrylate	0.123	0.120	2.4	99	0.00
61	TP	1,4-Dioxane	0.00144	0.00168#	-16.7	114	0.00
62	TP	cis-1,3-Dichloropropene	0.399	0.374	6.3	89	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64	TP	Octane	0.314	0.334	-6.4	100	0.00
65	S	Toluene-d8	1.302	1.295	0.5	102	0.00
66	TP	Toluene	0.868	0.811	6.6	93	0.00
67	TP	4-Methyl-2-pentanone	0.089	0.084	5.6	92	0.00
68	TP	Tetrachloroethene	0.379	0.360	5.0	94	0.00
69	TP	2-Nitropropane	0.055	0.046	16.4	90	0.00
71	TP	trans-1,3-Dichloropropene	0.442	0.414	6.3	91	0.00
72	TP	Methyl isothiocyanate	0.153	0.134	12.4	90	0.00
74	TP	Ethyl methacrylate	0.354	0.348	1.7	97	0.00
75	TP	1,1,2-Trichloroethane	0.215	0.197#	8.4	91	0.00
76	TP	Chlorodibromomethane	0.326	0.304	6.7	90	0.00
77	TP	1,3-Dichloropropane	0.435	0.402	7.6	92	0.00
78	TP	1,2-Dibromoethane	0.243	0.232	4.5	92	0.00
79	TP	n-Butyl Acetate	0.375	0.349	6.9	94	0.00
80	TP	2-Hexanone	0.149	0.146	2.0	97	0.00
81	TP	Nonane	0.590	0.595	-0.8	93	0.00
82	TP	Chlorobenzene	0.953	0.894	6.2	93	0.00
83	TP	Ethylbenzene	1.655	1.582	4.4	94	0.00
84	TP	1,1,1,2-Tetrachloroethane	0.336	0.318	5.4	91	0.00
85	TP	p/m Xylene	0.637	0.603	5.3	93	0.00
86	TP	o Xylene	0.611	0.597	2.3	95	0.00
87	TP	Styrene	1.010	1.002	0.8	95	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A18.D
Acq On : 16 Jan 2026 04:11 am
Operator : VOA126:JIC
Sample : C8260STD40PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 16 09:04:11 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
89	TP	Bromoform	0.394	0.374	5.1	92	0.00
91	TP	Isopropylbenzene	3.265	3.153	3.4	94	0.00
92	S	4-Bromofluorobenzene	0.972	0.975	-0.3	101	0.00
93	TP	Bromobenzene	0.788	0.731	7.2	92	0.00
94	TP	Decane	1.337	1.336	0.1	90	0.00
95	TP	n-Propylbenzene	3.806	3.689	3.1	95	0.00
96	TP	1,4-Dichlorobutane	0.903	0.913	-1.1	99	0.00
97	TP	1,1,2,2-Tetrachloroethane	0.601	0.555	7.7	90	0.00
98	TP	4-Ethyltoluene	3.108	3.215	-3.4	101	0.00
99	TP	2-Chlorotoluene	2.505	2.345	6.4	93	0.00
100	TP	1,3,5-Trimethylbenzene	2.650	2.511	5.2	93	0.00
101	TP	1,2,3-Trichloropropane	0.439	0.416	5.2	94	0.00
102	TP	trans-1,4-Dichloro-2-butene	0.187	0.192	-2.7	100	0.00
103	TP	4-Chlorotoluene	2.342	2.118	9.6	91	0.00
104	TP	tert-Butylbenzene	2.293	2.234	2.6	95	0.00
107	TP	1,2,4-Trimethylbenzene	2.573	2.505	2.6	96	0.00
108	TP	Limonene	0.780	0.888	-13.8	105	0.00
109	TP	sec-Butylbenzene	3.364	3.292	2.1	95	0.00
110	TP	p-Isopropyltoluene	2.882	2.765	4.1	93	0.00
111	TP	1,3-Dichlorobenzene	1.479	1.332	9.9	90	0.00
112	TP	1,4-Dichlorobenzene	1.478	1.306	11.6	90	0.00
113	TP	trans-Decahydronaphthalene	0.733	0.781	-6.5	98	0.00
114	TP	Undecane	1.257	1.284	-2.1	88	0.00
115	TP	p-Diethylbenzene	1.746	1.708	2.2	96	0.00
116	TP	n-Butylbenzene	3.214	3.035	5.6	93	0.00
117	TP	Hexachloroethane	0.525	0.498	5.1	90	0.00
118	TP	1,2-Dichlorobenzene	1.323	1.186	10.4	90	0.00
119	TP	cis-Decahydronaphthalene	0.559	0.593	-6.1	97	0.00
120	TP	1,2,4,5-Tetramethylbenzene	2.530	2.592	-2.5	99	0.00
121	TP	1,2-Dibromo-3-chloropropane	0.083	0.080	3.6	95	0.00
122	TP	1,3,5-Trichlorobenzene	1.043	0.949	9.0	92	0.00
123	TP	Nitrobenzene	0.027	0.022	18.5	96	0.00
124	TP	Hexachlorobutadiene	0.508	0.493	3.0	95	0.00
125	TP	1,2,4-Trichlorobenzene	0.875	0.772	11.8	89	0.00
126	TP	Naphthalene	1.565	1.487	5.0	95	0.00
127	TP	1,2,3-Trichlorobenzene	0.735	0.667	9.3	91	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A18.D
Acq On : 16 Jan 2026 04:11 am
Operator : VOA126:JIC
Sample : C8260STD40PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 16 09:04:11 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 2 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A18.D
Acq On : 16 Jan 2026 04:11 am
Operator : VOA126:JIC
Sample : C8260STD40PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 16 09:04:11 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	11.268	96	1064549	20.000	ug/L	0.00
Standard Area 1 = 1049446			Recovery = 101.44%			
63) Chlorobenzene-d5	17.944	117	837930	20.000	ug/L	0.00
Standard Area 1 = 824443			Recovery = 101.64%			
88) 1,4-Dichlorobenzene-d4	23.591	152	412540	20.000	ug/L	0.00
Standard Area 1 = 407086			Recovery = 101.34%			
System Monitoring Compounds						
39) Dibromofluoromethane	9.642	113	262368	19.995	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.98%			
47) 1,2-Dichloroethane-d4	10.635	65	255725	19.709	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.54%			
65) Toluene-d8	14.592	98	1085384	19.900	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.50%			
92) 4-Bromofluorobenzene	20.774	95	402070	20.061	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.31%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.587	85	534182M1	34.407	ug/L	
3) Chlorodifluoromethane	2.642	51	606931	60.757	ug/L	97
4) Chloromethane	3.027	50	566065	35.256	ug/L	93
5) Vinyl chloride	3.102	62	697701M1	39.639	ug/L	
6) Bromomethane	3.794	94	465497M1	41.251	ug/L	
7) Chloroethane	3.931	64	382333M1	35.599	ug/L	
8) Trichlorofluoromethane	4.352	101	748760	36.863	ug/L	98
9) Ethyl ether	4.882	74	255853	37.773	ug/L	95
11) 1,1-Dichloroethene	5.451	96	449113	36.411	ug/L	96
12) Carbon disulfide	6.351	76	1495850	34.554	ug/L	100
13) Freon-113	5.130	101	558367	45.786	ug/L	99
14) Iodomethane	6.022	142	340946M1	29.346	ug/L	
15) Acrolein	5.141	56	49911	61.942	ug/L	99
16) Allyl chloride	6.145	76	280697	42.362	ug/L	86
17) Methylene chloride	6.365	84	496691	32.386	ug/L	95
19) Acetone	5.269	43	99993	31.005	ug/L	98
20) trans-1,2-Dichloroethene	6.909	96	520332	37.297	ug/L	98
21) Methyl acetate	6.098	43	230019	38.500	ug/L	95
22) Hexane	7.023	57	819772	47.483	ug/L	97
23) Methyl tert-butyl ether	6.641	73	1281955	37.697	ug/L	97
24) tert-Butyl alcohol	5.629	59	221494	198.919	ug/L #	79

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A18.D
Acq On : 16 Jan 2026 04:11 am
Operator : VOA126:JIC
Sample : C8260STD40PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 16 09:04:11 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Diisopropyl ether	7.523	45	1555159	38.709	ug/L		97
26) 1,1-Dichloroethane	7.729	63	952168	37.042	ug/L		100
27) Halothane	6.837	117	444011	42.328	ug/L		100
28) Acrylonitrile	6.619	53	118847	36.206	ug/L		98
29) Ethyl tert-butyl ether	8.315	59	1584338	39.051	ug/L		99
30) Vinyl acetate	7.757	43	741302	35.284	ug/L		98
31) cis-1,2-Dichloroethene	8.909	96	549328	35.817	ug/L		99
32) 2,2-Dichloropropane	8.811	77	784088	37.417	ug/L		95
33) Bromochloromethane	9.542	128	240709	37.407	ug/L		94
34) Cyclohexane	9.993	56	1020713	43.011	ug/L		98
35) Chloroform	9.215	83	945860	35.685	ug/L		99
36) Ethyl acetate	8.909	43	329508	40.515	ug/L		97
37) Carbon tetrachloride	10.481	117	758490	38.395	ug/L		100
38) Tetrahydrofuran	9.620	42	97306	36.840	ug/L		93
40) 1,1,1-Trichloroethane	9.985	97	846217	39.395	ug/L		100
42) 2-Butanone	8.579	43	137683	34.570	ug/L		95
43) 1,1-Dichloropropene	10.300	75	722362	40.379	ug/L		99
44) Heptane	10.626	71	510943	44.819	ug/L		97
45) Benzene	10.836	78	1964031	37.590	ug/L		98
46) tert-Amyl methyl ether	10.540	73	1323199	38.386	ug/L		99
48) 1,2-Dichloroethane	10.824	62	643108	36.669	ug/L		99
51) Methyl cyclohexane	12.171	83	980824	42.848	ug/L		99
52) Trichloroethene	12.074	95	558524	38.187	ug/L		98
54) Dibromomethane	13.044	93	277429	36.809	ug/L		97
55) 1,2-Dichloropropane	12.450	63	532434	37.385	ug/L		99
57) 2-Chloroethyl vinyl ether	13.610	63	208165	37.313	ug/L		92
58) Bromodichloromethane	12.935	83	706850	37.174	ug/L		100
60) Methyl methacrylate	12.595	69	255090	38.999	ug/L		91
61) 1,4-Dioxane	13.000	88	178876M1	2336.265	ug/L		
62) cis-1,3-Dichloropropene	14.093	75	795386	37.407	ug/L		96
64) Octane	14.307	85	560296	42.594	ug/L		97
66) Toluene	14.762	92	1358612	37.355	ug/L		97
67) 4-Methyl-2-pentanone	13.666	58	140702	37.534	ug/L		95
68) Tetrachloroethene	16.179	166	602634	37.929	ug/L		100
69) 2-Nitropropane	13.105	41	77736	33.462	ug/L	#	1
71) trans-1,3-Dichloropropene	15.189	75	693265	37.431	ug/L		94
72) Methyl isothiocyanate	15.072	73	224736	34.987	ug/L		99
74) Ethyl methacrylate	15.183	69	583977	39.373	ug/L		99
75) 1,1,2-Trichloroethane	15.520	83	330476	36.736	ug/L		99
76) Chlorodibromomethane	16.639	129	509207	37.323	ug/L		99

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A18.D
Acq On : 16 Jan 2026 04:11 am
Operator : VOA126:JIC
Sample : C8260STD40PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 16 09:04:11 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) 1,3-Dichloropropane	16.081	76	673029	36.963	ug/L	100
78) 1,2-Dibromoethane	17.088	107	388597	38.102	ug/L	100
79) n-Butyl Acetate	16.109	43	584692	37.178	ug/L	95
80) 2-Hexanone	15.557	43	244820	39.154	ug/L	95
81) Nonane	17.743	57	996416	40.317	ug/L	99
82) Chlorobenzene	18.030	112	1497990	37.508	ug/L	99
83) Ethylbenzene	18.161	91	2650961	38.230	ug/L	97
84) 1,1,1,2-Tetrachloroethane	18.136	131	532271	37.821	ug/L	99
85) p/m Xylene	18.340	106	2021457	75.756	ug/L	89
86) o Xylene	19.341	106	2000863	78.165	ug/L	87
87) Styrene	19.433	104	3359481	79.395	ug/L	95
89) Bromoform	20.200	173	308474	37.971	ug/L	100
91) Isopropylbenzene	20.186	105	2601774	38.637	ug/L	97
93) Bromobenzene	21.207	156	602891	37.101	ug/L	100
94) Decane	20.900	57	1102439	39.981	ug/L	100
95) n-Propylbenzene	21.137	91	3043932	38.770	ug/L	96
96) 1,4-Dichlorobutane	20.434	55	752900	40.428	ug/L	98
97) 1,1,2,2-Tetrachloroethane	20.618	83	457935	36.920	ug/L	100
98) 4-Ethyltoluene	21.413	105	2652953	41.387	ug/L	97
99) 2-Chlorotoluene	21.536	91	1934446	37.437	ug/L	98
100) 1,3,5-Trimethylbenzene	21.522	105	2071945	37.901	ug/L	97
101) 1,2,3-Trichloropropane	20.961	75	342845	37.826	ug/L	100
102) trans-1,4-Dichloro-2-b...	21.151	53	158785	41.058	ug/L	99
103) 4-Chlorotoluene	21.656	91	1747329	36.166	ug/L	97
104) tert-Butylbenzene	22.358	119	1843557	38.976	ug/L	99
107) 1,2,4-Trimethylbenzene	22.450	105	2067039	38.944	ug/L	97
108) Limonene	23.019	68	732843	45.530	ug/L	98
109) sec-Butylbenzene	22.874	105	2715773	39.134	ug/L	97
110) p-Isopropyltoluene	23.214	119	2281448	38.380	ug/L	98
111) 1,3-Dichlorobenzene	23.407	146	1099160	36.039	ug/L	99
112) 1,4-Dichlorobenzene	23.666	146	1077274	35.345	ug/L	100
113) trans-Decahydronaphtha...	24.149	138	643995	42.604	ug/L	98
114) Undecane	23.803	57	1059510	40.853	ug/L	99
115) p-Diethylbenzene	24.221	119	1409358	39.136	ug/L	98
116) n-Butylbenzene	24.193	91	2504246	37.773	ug/L	97
117) Hexachloroethane	25.306	117	410732	37.930	ug/L	90
118) 1,2-Dichlorobenzene	24.522	146	978228	35.848	ug/L	99
119) cis-Decahydronaphthalene	25.613	138	489657	42.478	ug/L	98
120) 1,2,4,5-Tetramethylben...	25.936	119	2138794	40.986	ug/L	96
121) 1,2-Dibromo-3-chloropr...	26.282	155	66183	38.884	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A18.D
Acq On : 16 Jan 2026 04:11 am
Operator : VOA126:JIC
Sample : C8260STD40PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 16 09:04:11 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260115ICAL\V26260115A10.D
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
122) 1,3,5-Trichlorobenzene	26.753	180	783188	36.420	ug/L	98
123) Nitrobenzene	26.469	77	18399	33.529	ug/L	93
124) Hexachlorobutadiene	28.234	225	406954	38.840	ug/L	99
125) 1,2,4-Trichlorobenzene	27.969	180	636558	35.269	ug/L	99
126) Naphthalene	28.427	128	1227292	38.022	ug/L	100
127) 1,2,3-Trichlorobenzene	28.864	180	549965	36.251	ug/L	99

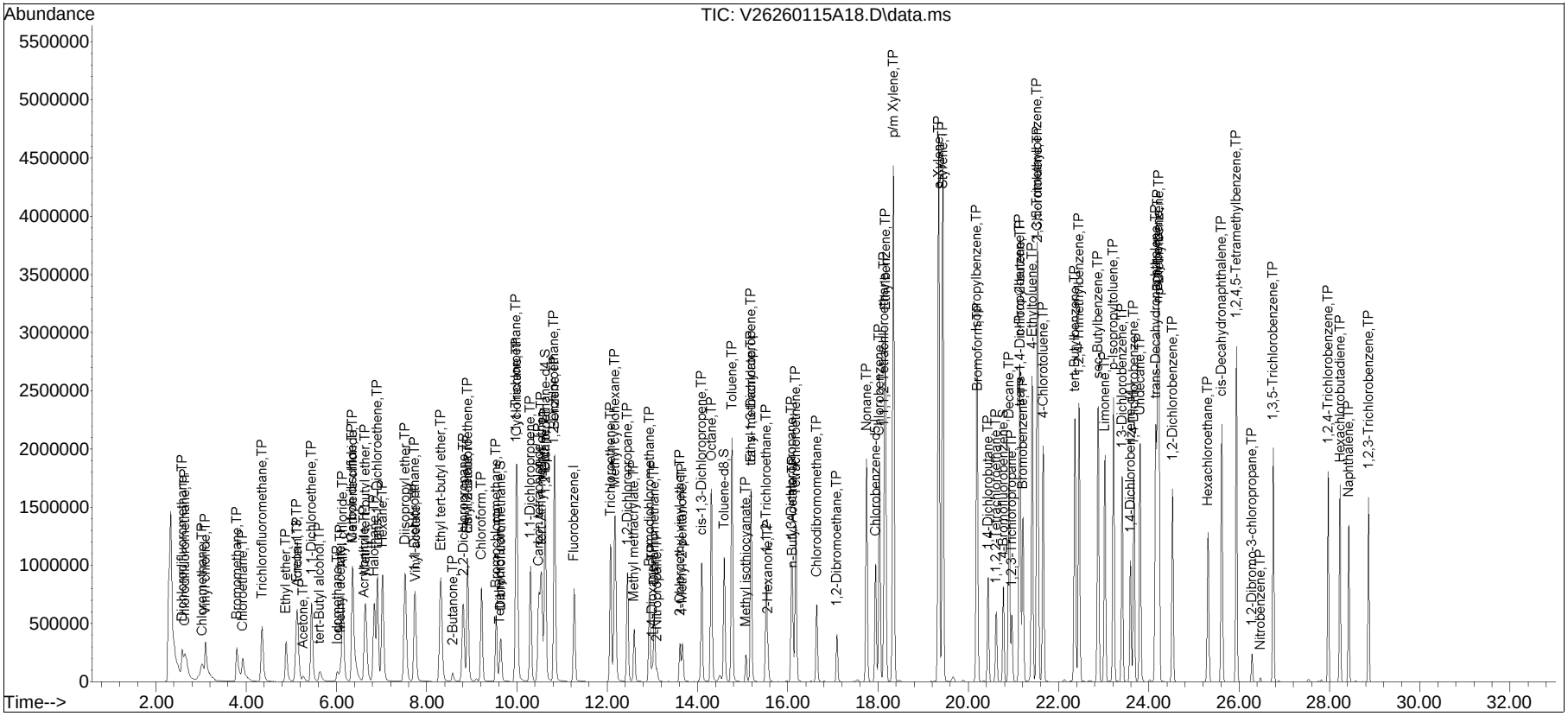
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260115ICAL\
Data File : V26260115A18.D
Acq On : 16 Jan 2026 04:11 am
Operator : VOA126:JIC
Sample : C8260STD40PPB+SUFF
Misc : WG2165877,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 16 09:04:11 2026
Quant Method : K:\VOA126\2026\260115ICAL\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

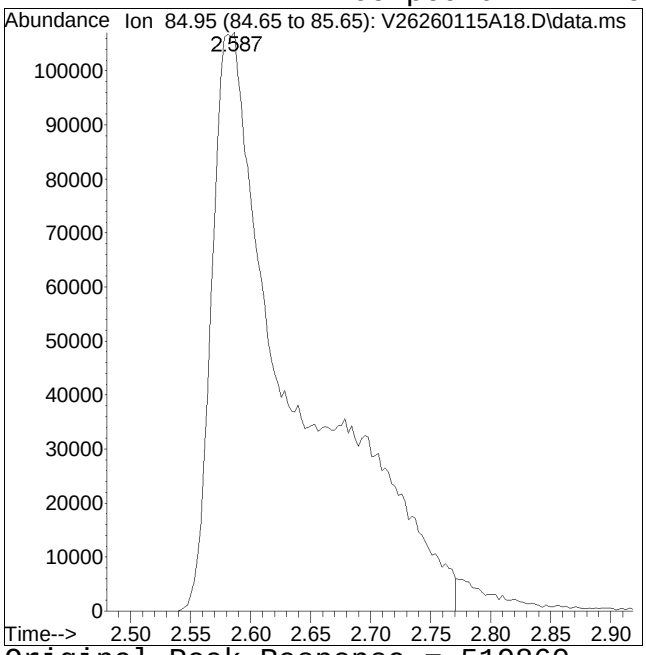
Sub List : 8260-Curve+Suffolk - Megamix+Diox+Suffolk0.D•

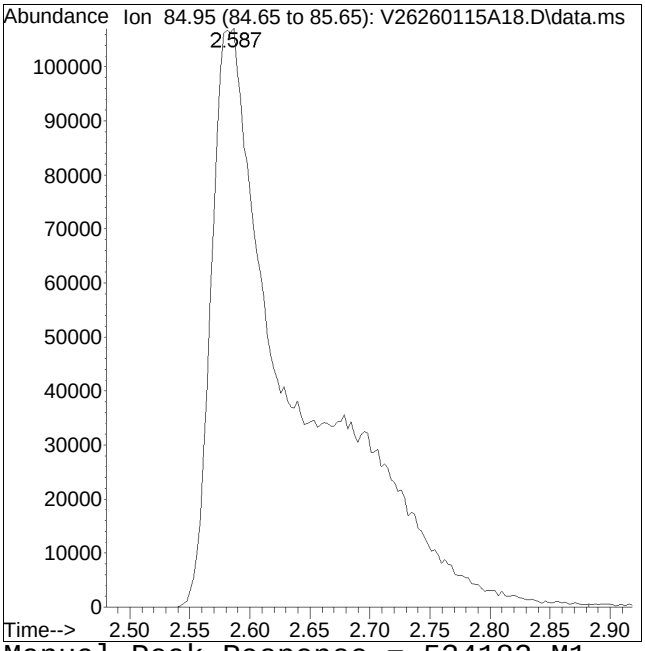


Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A18.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 4:11 am Instrument : VOA126
Sample : C8260STD40PPB+SUFF Quant Date : 1/16/2026 9:04 am

Compound #2: Dichlorodifluoromethane



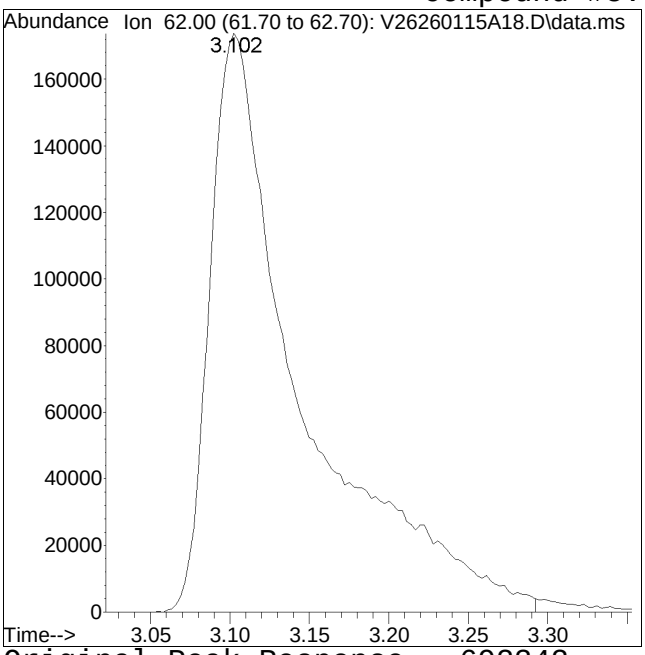


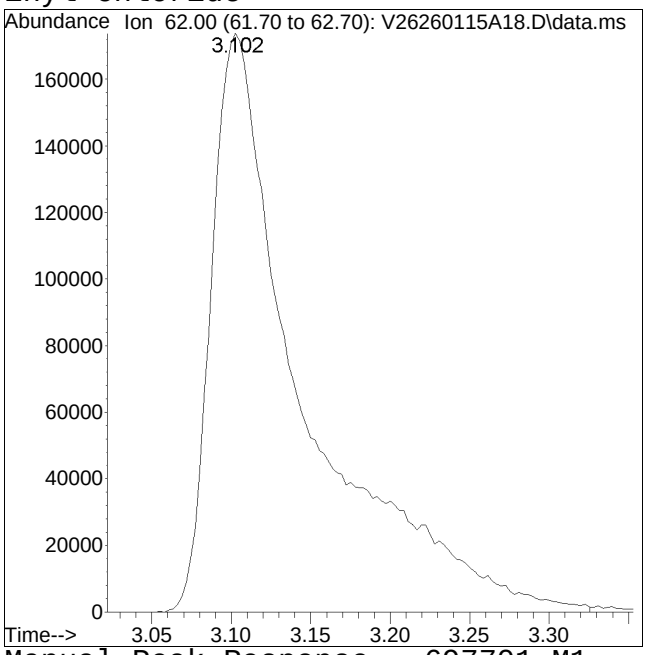
Original Peak Response = 519860 Manual Peak Response = 534182 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A18.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 4:11 am Instrument : VOA126
Sample : C8260STD40PPB+SUFF Quant Date : 1/16/2026 9:04 am

Compound #5: Vinyl chloride



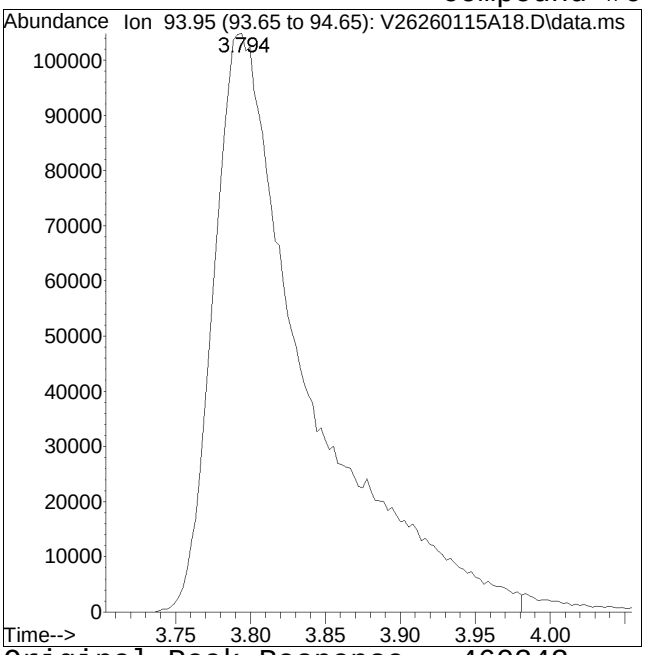


Original Peak Response = 692342 Manual Peak Response = 697701 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

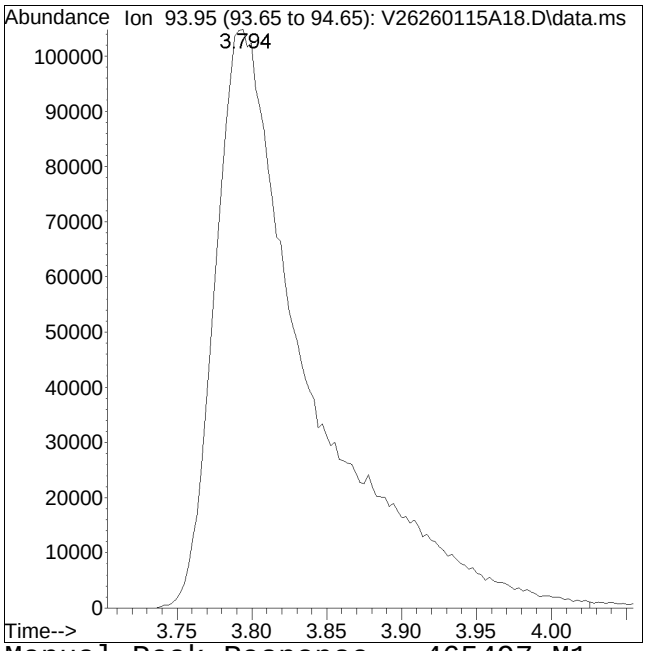
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A18.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 4:11 am Instrument : VOA126
Sample : C8260STD40PPB+SUFF Quant Date : 1/16/2026 9:04 am

Compound #6: Bromomethane



Original Peak Response = 460343



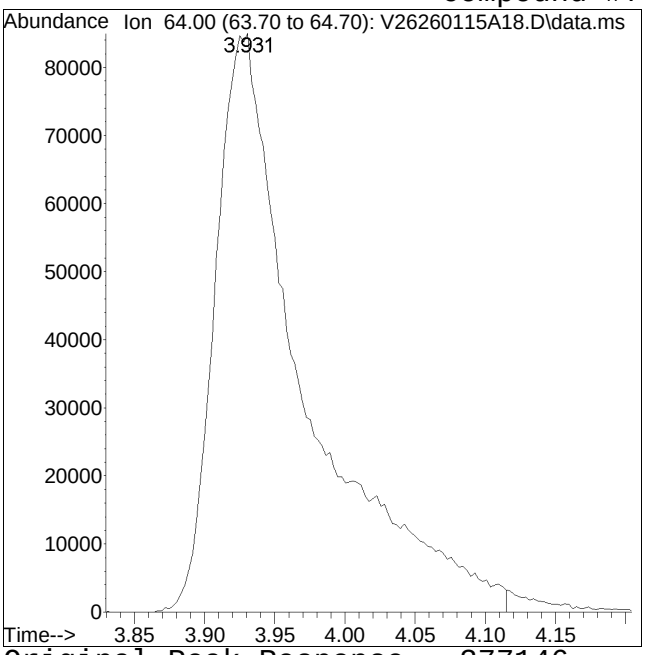
Manual Peak Response = 465497 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

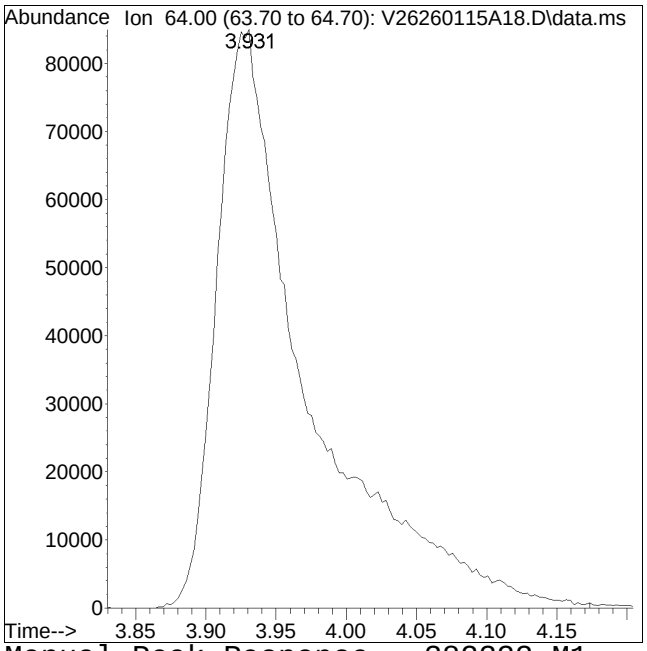
Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A18.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 4:11 am Instrument : VOA126
Sample : C8260STD40PPB+SUFF Quant Date : 1/16/2026 9:04 am

Compound #7: Chloroethane



Original Peak Response = 377146



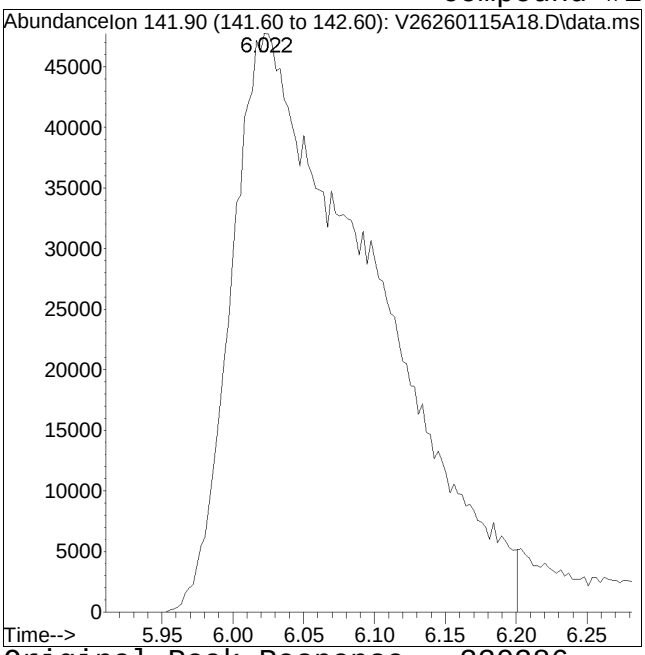
Manual Peak Response = 382333 M1

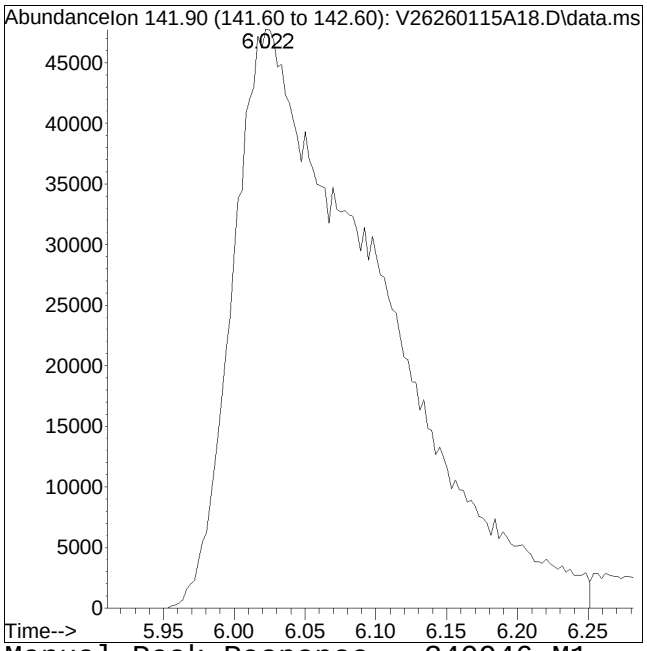
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A18.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 4:11 am Instrument : VOA126
Sample : C8260STD40PPB+SUFF Quant Date : 1/16/2026 9:04 am

Compound #14: Iodomethane



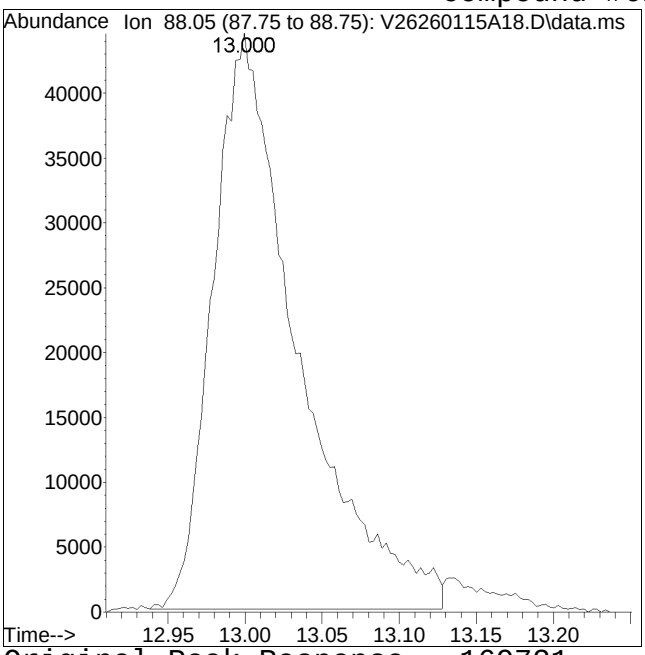


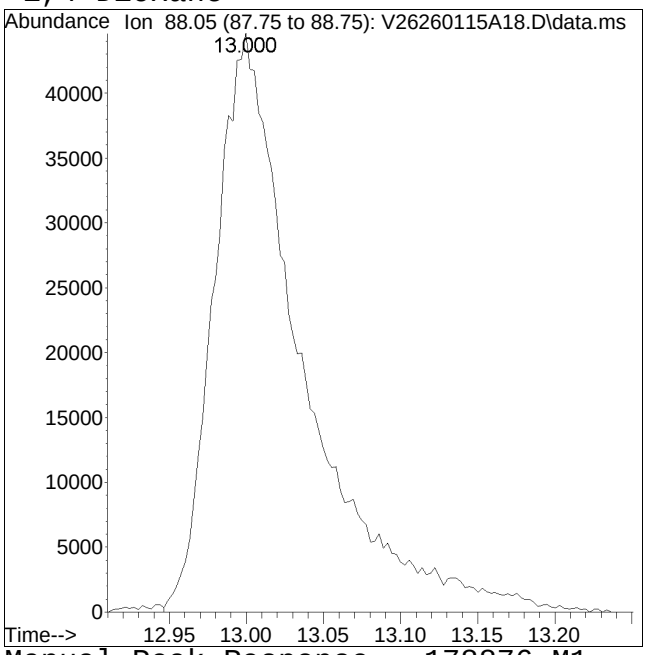
Original Peak Response = 330386 Manual Peak Response = 340946 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260115ICAL\QMethod : V126_260115A_8260.m
Data File : V26260115A18.D Operator : VOA126:JIC
Date Inj'd : 1/16/2026 4:11 am Instrument : VOA126
Sample : C8260STD40PPB+SUFF Quant Date : 1/16/2026 9:04 am

Compound #61: 1,4-Dioxane





Original Peak Response = 169721 Manual Peak Response = 178876 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Evaluate Relative Error Report VOA126

Method Path : K:\VOA126\2026\260115ICAL\
Method File : V126_260115A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Jan 16 09:03:24 2026

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
19	TP Acetone	L	ug/L	40.0	41.109	2.8	2.00	1.525	-23.8

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
19	TP Acetone	Linear	0.998357	0.000000	0.0548652	0.00887485

Response Factor Report VOA111

Method Path : K:\VOA111\2026\260121ICAL\
Method File : V111_260121A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Jan 22 13:25:35 2026
Response Via : Initial Calibration

Calibration Files
L0 =V11260121A03.D L1 =V11260121A05.D L1.5=V11260121A07.D L2 =V11260121A09.D L3 =V11260121A10.D
L4 =V11260121A11.D L6 =V11260121A12.D L7 =V11260121A13.D L8 =V11260121A14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
1)	I	Fluorobenzene	ISTD										
2)	TP	Dichlorodifluo...	0.189	0.259	0.231	0.240	0.278	0.265	0.213	0.247	0.240		12.02
3)	TP	Chloromethane	0.229	0.277	0.254	0.248	0.294	0.277	0.229	0.267	0.259		9.10
4)	TP	Vinyl chloride	0.227	0.316	0.284	0.286	0.333	0.314	0.249	0.287	0.287		12.29
5)	TP	Bromomethane	0.224	0.266	0.246	0.222	0.235	0.204	0.168	0.195	0.220		14.04
6)	TP	Chloroethane	0.145	0.183	0.167	0.162	0.190	0.185	0.159	0.191	0.173		9.76
7)	TP	Trichlorofluor...	0.262	0.341	0.300	0.332	0.387	0.376	0.301	0.351	0.331		12.66
8)	TP	Ethyl ether	0.126	0.140	0.147	0.132	0.155	0.144	0.124	0.140	0.139		7.73
10)	TP	1,1-Dichloroet...	0.165	0.216	0.201	0.200	0.236	0.223	0.180	0.208	0.204		11.26
11)	TP	Carbon disulfide	0.823	0.887	0.745	0.704	0.825	0.779	0.631	0.726	0.765		10.55
12)	TP	Freon-113	0.145	0.212	0.178	0.204	0.234	0.227	0.181	0.208	0.199		14.75
14)	TP	Acrolein				0.015	0.019	0.017	0.015	0.016	0.016		8.50
15)	TP	Methylene chlo...	0.332	0.308	0.295	0.247	0.286	0.264	0.222	0.253	0.276		13.10
17)	TP	Acetone				0.090	0.061	0.061	0.061	0.058	0.061	0.065	18.46
18)	TP	trans-1,2-Dich...	0.216	0.249	0.250	0.229	0.271	0.255	0.209	0.241	0.240		8.62
19)	TP	Methyl acetate				0.111	0.104	0.132	0.125	0.120	0.129	0.120	9.08
20)	TP	Methyl tert-bu...	0.686	0.744	0.885	0.700	0.803	0.738	0.645	0.719	0.740		10.09
21)	TP	tert-Butyl alc...	0.021	0.025	0.034	0.024	0.025	0.023	0.022	0.023	0.025		16.03
22)	TP	Diisopropyl ether	0.725	0.814	0.983	0.763	0.876	0.828	0.700	0.800	0.811		11.05
23)	TP	1,1-Dichloroet...	0.382	0.477	0.485	0.424	0.488	0.457	0.377	0.429	0.440		10.04
24)	TP	Halothane	0.132	0.181	0.200	0.171	0.201	0.190	0.155	0.175	0.176		13.34
25)	TP	Acrylonitrile				0.072	0.058	0.064	0.066	0.061	0.065	0.064	7.71
26)	TP	Ethyl tert-but...	0.725	0.810	0.975	0.760	0.873	0.811	0.695	0.790	0.805		10.93
27)	TP	Vinyl acetate				0.585	0.516	0.604	0.592	0.536	0.601	0.572	6.47
28)	TP	cis-1,2-Dichlo...	0.239	0.283	0.315	0.257	0.305	0.285	0.237	0.271	0.274		10.46
29)	TP	2,2-Dichloropr...	0.303	0.387	0.378	0.349	0.400	0.380	0.311	0.355	0.358		9.93
30)	TP	Bromochloromet...	0.115	0.133	0.153	0.129	0.144	0.131	0.110	0.124	0.130		10.82
31)	TP	Cyclohexane	0.267	0.417	0.310	0.374	0.431	0.413	0.330	0.381	0.365		15.85
32)	TP	Chloroform	0.475	0.503	0.532	0.423	0.487	0.456	0.381	0.436	0.462		10.44
33)	TP	Ethyl acetate				0.186	0.174	0.203	0.194	0.184	0.200	0.190	5.69
34)	TP	Carbon tetrach...	0.259	0.354	0.331	0.324	0.382	0.366	0.295	0.346	0.332		12.00

Response Factor Report VOA111

Method Path : K:\VOA111\2026\260121ICAL\
Method File : V111_260121A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Jan 22 13:25:35 2026
Response Via : Initial Calibration

Calibration Files
L0 =V11260121A03.D L1 =V11260121A05.D L1.5=V11260121A07.D L2 =V11260121A09.D L3 =V11260121A10.D
L4 =V11260121A11.D L6 =V11260121A12.D L7 =V11260121A13.D L8 =V11260121A14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
35)	TP	Tetrahydrofuran			0.088	0.062	0.066	0.060	0.055	0.059	0.065	18.49	
36)	S	Dibromofluorom...	0.248	0.251	0.248	0.246	0.247	0.254	0.250	0.250	0.249	0.249	0.91
37)	TP	1,1,1-Trichlor...	0.316	0.315	0.400	0.399	0.363	0.420	0.396	0.320	0.367	0.366	11.12
39)	TP	2-Butanone			0.078	0.058	0.071	0.075	0.072	0.078	0.072	10.58	
40)	TP	1,1-Dichloropr...	0.223	0.237	0.331	0.301	0.294	0.343	0.331	0.267	0.306	0.293	14.44
41)	TP	Benzene	0.901	0.845	0.998	1.077	0.918	1.064	1.000	0.820	0.948	0.952	9.48
42)	TP	tert-Amyl meth...		0.696	0.728	0.943	0.693	0.794	0.743	0.639	0.730	0.746	12.24
43)	S	1,2-Dichloroet...	0.234	0.228	0.237	0.232	0.233	0.235	0.235	0.248	0.248	0.237	2.89
44)	TP	1,2-Dichloroet...		0.299	0.332	0.399	0.305	0.349	0.329	0.282	0.320	0.327	10.99
47)	TP	Methyl cyclohe...		0.255	0.419	0.304	0.395	0.453	0.449	0.356	0.415	0.381	18.61
48)	TP	Trichloroethene	0.260	0.223	0.272	0.286	0.239	0.284	0.270	0.222	0.258	0.257	9.40
50)	TP	Dibromomethane		0.149	0.159	0.194	0.148	0.168	0.157	0.138	0.155	0.158	10.54
51)	TP	1,2-Dichloropr...		0.203	0.252	0.313	0.246	0.280	0.266	0.225	0.256	0.255	13.10
53)	TP	2-Chloroethyl ...			0.079	0.134	0.109	0.126	0.130	0.120	0.138	0.119	17.03
54)	TP	Bromodichlorom...	0.287	0.293	0.363	0.466	0.345	0.399	0.376	0.317	0.367	0.357	15.56
57)	TP	1,4-Dioxane			0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002#	9.05
58)	TP	cis-1,3-Dichlo...	0.310	0.335	0.401	0.517	0.395	0.470	0.442	0.375	0.431	0.408	15.87
59)	I	Chlorobenzene-d5	----------	----------	ISTD	----------	----------	----------	----------	----------	----------		
60)	S	Toluene-d8	1.302	1.312	1.297	1.310	1.275	1.292	1.286	1.278	1.272	1.292	1.17
61)	TP	Toluene		0.745	0.864	0.996	0.778	0.881	0.847	0.698	0.800	0.826	11.21
62)	TP	4-Methyl-2-pen...				0.120	0.090	0.106	0.103	0.097	0.106	0.103	9.90
63)	TP	Tetrachloroethene	0.237	0.271	0.395	0.361	0.339	0.377	0.366	0.297	0.341	0.332	15.90
65)	TP	trans-1,3-Dich...		0.398	0.474	0.631	0.460	0.539	0.511	0.436	0.497	0.493	14.40
67)	TP	Ethyl methacry...			0.243	0.446	0.352	0.414	0.410	0.368	0.414	0.378	17.85
68)	TP	1,1,2-Trichlor...		0.223	0.240	0.339	0.233	0.262	0.242	0.210	0.237	0.248	16.00
69)	TP	Chlorodibromom...	0.313	0.313	0.346	0.483	0.348	0.398	0.380	0.328	0.372	0.364	14.64
70)	TP	1,3-Dichloropr...		0.421	0.497	0.644	0.460	0.526	0.493	0.421	0.472	0.492	14.53
71)	TP	1,2-Dibromoethane	0.191	0.231	0.274	0.372	0.275	0.313	0.293	0.256	0.285	0.277	18.32
72)	TP	2-Hexanone				0.112	0.133	0.159	0.166	0.157	0.178	0.151	16.01
73)	TP	Chlorobenzene	0.823	0.836	1.011	1.231	0.909	1.030	0.977	0.809	0.936	0.951	13.93
74)	TP	Ethylbenzene		1.330	1.747	1.845	1.514	1.707	1.652	1.357	1.564	1.589	11.52

Response Factor Report VOA111

Method Path : K:\VOA111\2026\260121ICAL\
Method File : V111_260121A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Jan 22 13:25:35 2026
Response Via : Initial Calibration

Calibration Files
L0 =V11260121A03.D L1 =V11260121A05.D L1.5=V11260121A07.D L2 =V11260121A09.D L3 =V11260121A10.D
L4 =V11260121A11.D L6 =V11260121A12.D L7 =V11260121A13.D L8 =V11260121A14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
75)	TP	1,1,1,2-Tetrac...	0.314	0.332	0.362	0.491	0.342	0.388	0.372	0.312	0.357	0.363	14.98
76)	TP	p/m Xylene	0.485	0.497	0.654	0.723	0.590	0.667	0.644	0.528	0.612	0.600	13.67
77)	TP	o Xylene	0.494	0.541	0.674	0.761	0.585	0.664	0.639	0.532	0.623	0.612	13.63
78)	TP	Styrene	0.852	0.841	1.008	1.301	0.981	1.124	1.109	0.933	1.089	1.026	14.27
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform		0.396	0.385	0.586	0.415	0.477	0.458	0.405	0.453	0.447	14.53
82)	TP	Isopropylbenzene		2.501	3.344	3.388	2.833	3.214	3.125	2.523	2.914	2.980	11.62
83)	S	4-Bromofluorob...	0.940	0.956	0.882	0.917	0.909	0.915	0.908	0.906	0.904	0.915	2.35
84)	TP	Bromobenzene		0.740	0.815	1.046	0.748	0.835	0.795	0.658	0.765	0.800	14.13
85)	TP	n-Propylbenzene		2.835	3.847	3.900	3.342	3.786	3.712	2.996	3.463	3.485	11.51
86)	TP	1,4-Dichlorobu...		1.002	0.921	1.236	0.916	1.024	0.972	0.848	0.947	0.983	11.77
87)	TP	1,1,2,2-Tetrac...	0.665	0.693	0.690	0.996	0.674	0.751	0.699	0.611	0.670	0.717	15.51
88)	TP	4-Ethyltoluene		2.436	3.261	3.374	2.815	3.170	3.095	2.499	2.866	2.939	11.77
89)	TP	2-Chlorotoluene		1.901	2.371	2.572	2.000	2.226	2.146	1.746	2.023	2.123	12.47
90)	TP	1,3,5-Trimethy...		2.310	2.902	2.926	2.385	2.725	2.634	2.161	2.501	2.568	10.80
91)	TP	1,2,3-Trichlor...		0.559	0.532	0.746	0.485	0.564	0.530	0.471	0.520	0.551	15.45
92)	TP	trans-1,4-Dich...				0.266	0.163	0.203	0.201	0.179	0.195	0.201	17.51
93)	TP	4-Chlorotoluene		1.890	2.326	2.692	2.081	2.352	2.276	1.864	2.173	2.207	12.23
94)	TP	tert-Butylbenzene		1.789	2.431	2.363	2.072	2.326	2.259	1.832	2.122	2.149	11.20
97)	TP	1,2,4-Trimethy...		2.150	2.770	2.887	2.400	2.706	2.645	2.167	2.523	2.531	10.79
98)	TP	sec-Butylbenzene		2.648	3.489	3.364	3.050	3.462	3.424	2.748	3.172	3.170	10.35
99)	TP	p-Isopropyltol...		2.225	3.047	2.980	2.665	3.021	2.993	2.415	2.803	2.769	11.16
100)	TP	1,3-Dichlorobe...		1.294	1.576	1.834	1.407	1.575	1.524	1.262	1.469	1.493	12.18
101)	TP	1,4-Dichlorobe...		1.536	1.771	1.937	1.430	1.601	1.539	1.272	1.482	1.571	13.06
102)	TP	p-Diethylbenzene		1.314	1.871	1.708	1.558	1.794	1.779	1.443	1.689	1.644	11.62
103)	TP	n-Butylbenzene		2.055	2.759	2.504	2.414	2.751	2.740	2.209	2.560	2.499	10.50
104)	TP	1,2-Dichlorobe...		1.257	1.475	1.715	1.327	1.476	1.427	1.192	1.380	1.406	11.41
105)	TP	1,2,4,5-Tetram...		2.155	2.749	2.723	2.356	2.667	2.638	2.176	2.607	2.509	9.69
106)	TP	1,2-Dibromo-3-...			0.083	0.135	0.097	0.111	0.112	0.102	0.110	0.107	14.85
107)	TP	1,3,5-Trichlor...		0.878	1.194	1.179	0.999	1.109	1.086	0.883	1.025	1.044	11.61
108)	TP	Hexachlorobuta...		0.422	0.533	0.472	0.471	0.514	0.495	0.393	0.451	0.469	9.88

Method Path : K:\VOA111\2026\260121ICAL\
Method File : V111_260121A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Jan 22 13:25:35 2026
Response Via : Initial Calibration

Calibration Files
L0 =V11260121A03.D L1 =V11260121A05.D L1.5=V11260121A07.D L2 =V11260121A09.D L3 =V11260121A10.D
L4 =V11260121A11.D L6 =V11260121A12.D L7 =V11260121A13.D L8 =V11260121A14.D

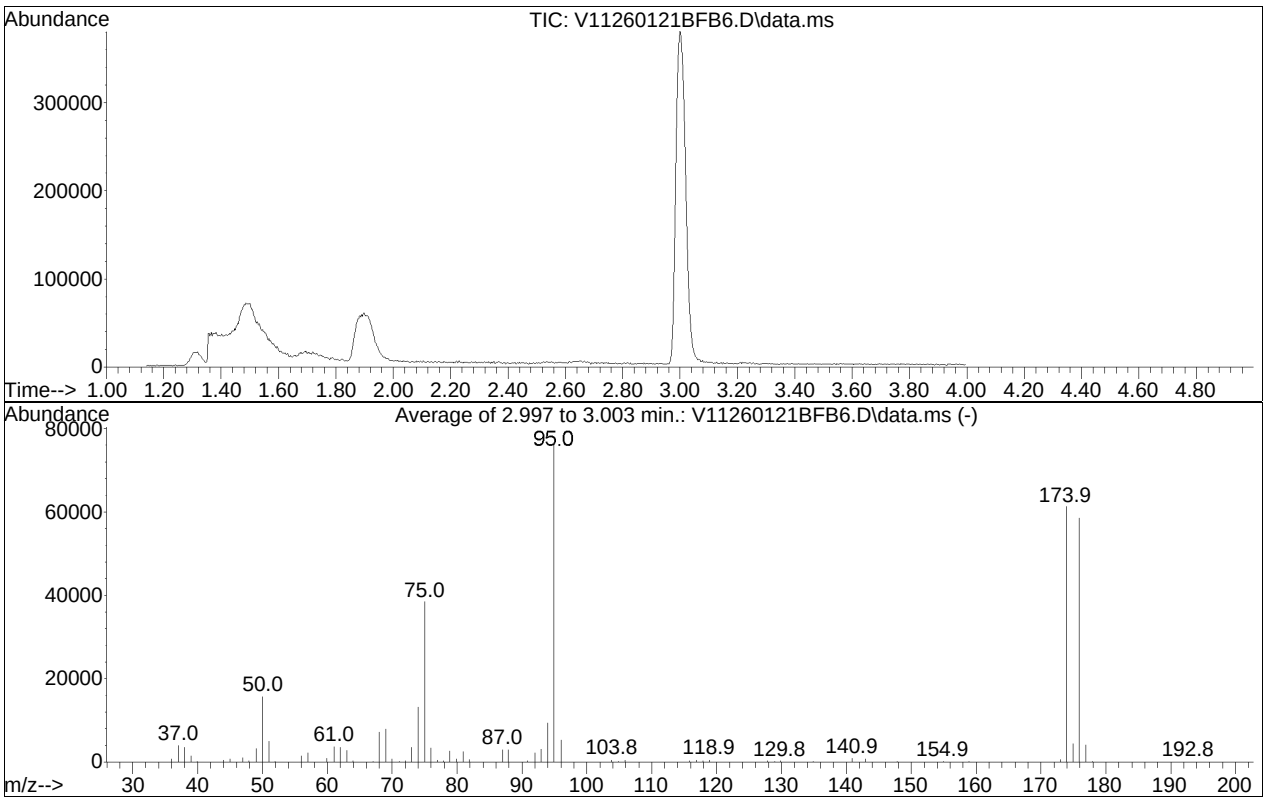
	Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
109)	TP 1,2,4-Trichlor...	0.748	0.925	0.960	0.823	0.895	0.873	0.706	0.798	0.841	10.47	
110)	TP Naphthalene	1.441	1.702	1.804	1.495	1.641	1.605	1.385	1.530	1.575	8.85	
111)	TP 1,2,3-Trichlor...	0.586	0.710	0.770	0.631	0.679	0.662	0.541	0.598	0.647	11.38	

(#) = Out of Range

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121BFB6.D
Acq On : 21 Jan 2026 04:03 pm
Operator : VOA111:JFI
Sample : WG2168016-1
Misc : WG2168016,ICAL
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Jan 22 13:25:35 2026



Spectrum Information: Average of 2.997 to 3.003 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.5	15736	PASS
75	95	30	60	50.2	38453	PASS
95	95	100	100	100.0	76634	PASS
96	95	5	9	6.9	5261	PASS
173	174	0.00	2	0.9	573	PASS
174	95	50	100	80.1	61355	PASS
175	174	5	9	7.2	4409	PASS
176	174	95	101	95.4	58520	PASS
177	176	5	9	7.0	4122	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A03.D
Acq On : 21 Jan 2026 05:21 pm
Operator : VOA111:JIC
Sample : I8260STD0.5PPB
Misc : WG2168016,ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 22 12:40:22 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.201	96	336625	20.000 ug/L	0.00
Standard Area 1 = 314816			Recovery = 106.93%		
59) Chlorobenzene-d5	9.774	117	249462	20.000 ug/L	0.00
Standard Area 1 = 240870			Recovery = 103.57%		
79) 1,4-Dichlorobenzene-d4	12.431	152	129903	20.000 ug/L	0.00
Standard Area 1 = 127427			Recovery = 101.94%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.379	113	83631	19.590 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.95%		
43) 1,2-Dichloroethane-d4	5.917	65	78707	19.929 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.64%		
60) Toluene-d8	7.914	98	324919	20.164 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.82%		
83) 4-Bromofluorobenzene	11.241	95	122044	20.525 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.62%		
Target Compounds					Qvalue
37) 1,1,1-Trichloroethane	5.412	97	2659	0.377 ug/L #	44
40) 1,1-Dichloropropene	5.546	75	1877M1	0.325 ug/L	
41) Benzene	5.791	78	7585	0.423 ug/L #	85
48) Trichloroethene	6.394	95	2189M1	0.458 ug/L	
54) Bromodichloromethane	7.016	83	2418M1	0.360 ug/L	
58) cis-1,3-Dichloropropene	7.721	75	2607M1	0.329 ug/L	
63) Tetrachloroethene	8.438	166	1475M1	0.313 ug/L	
69) Chlorodibromomethane	8.865	129	1950	0.393 ug/L #	56
71) 1,2-Dibromoethane	9.166	107	1191M1	0.305 ug/L	
73) Chlorobenzene	9.802	112	5134	0.400 ug/L	88
75) 1,1,1,2-Tetrachloroethane	9.882	131	1957	0.405 ug/L #	30
76) p/m Xylene	10.027	106	6053M1	0.727 ug/L	
77) o Xylene	10.560	106	6158	0.744 ug/L	98
78) Styrene	10.638	104	10622M1	0.758 ug/L	
87) 1,1,2,2-Tetrachloroethane	11.475	83	2159	0.443 ug/L #	58

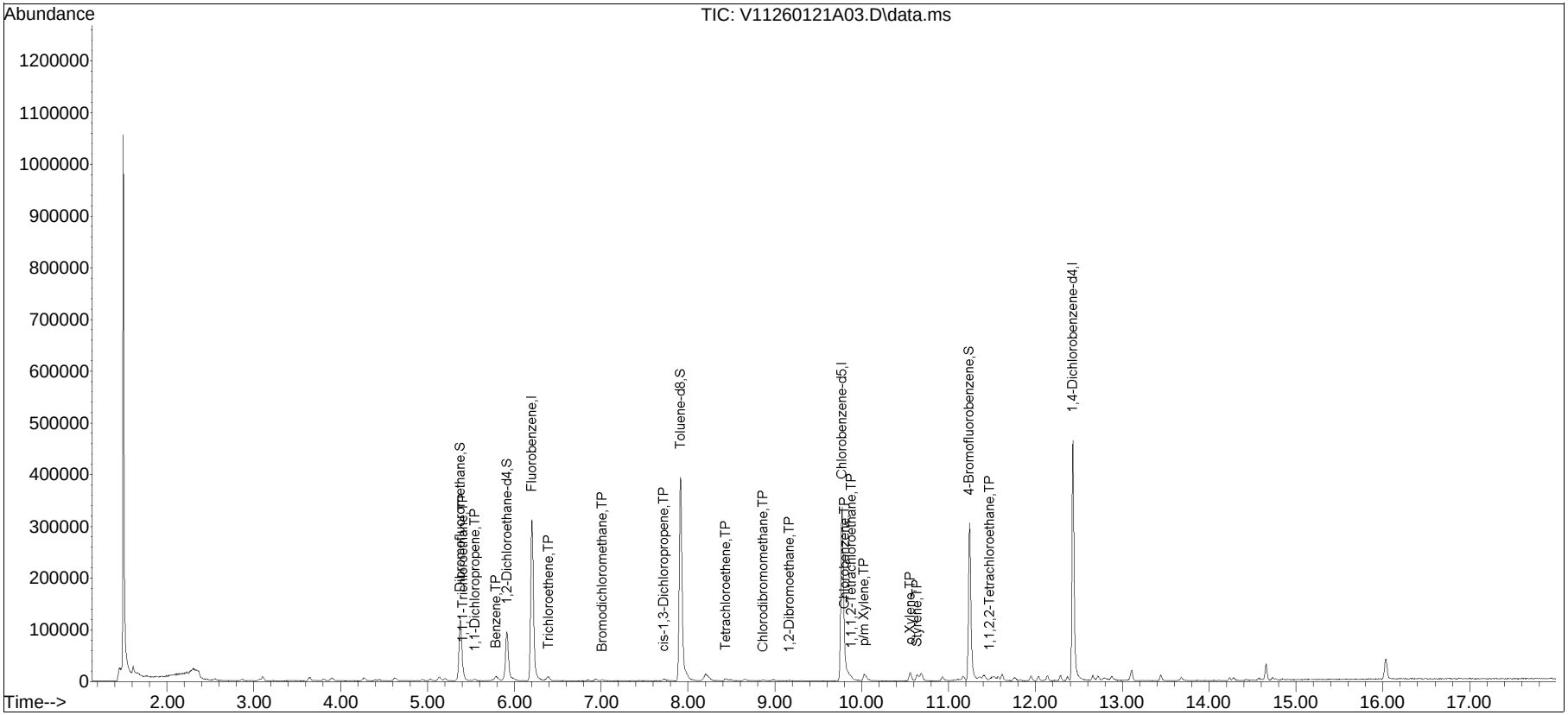
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A03.D
Acq On : 21 Jan 2026 05:21 pm
Operator : VOA111:JIC
Sample : I8260STD0.5PPB
Misc : WG2168016,ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 22 12:40:22 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

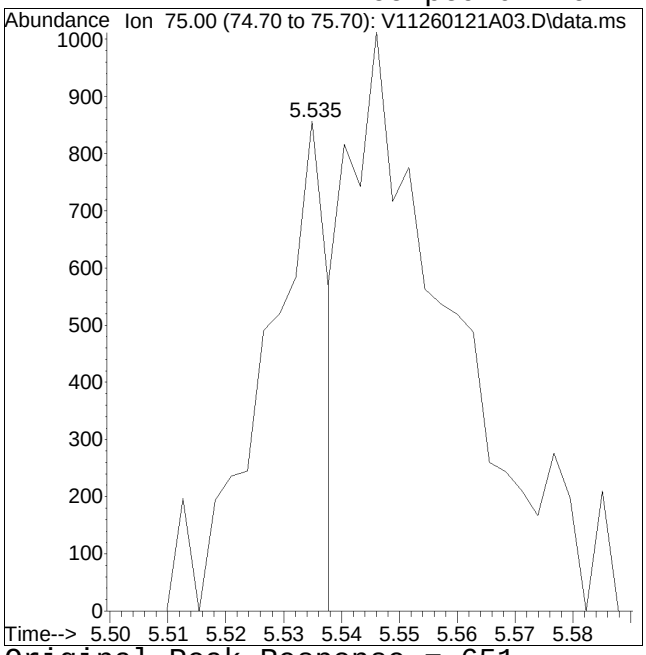
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH1A11.D•



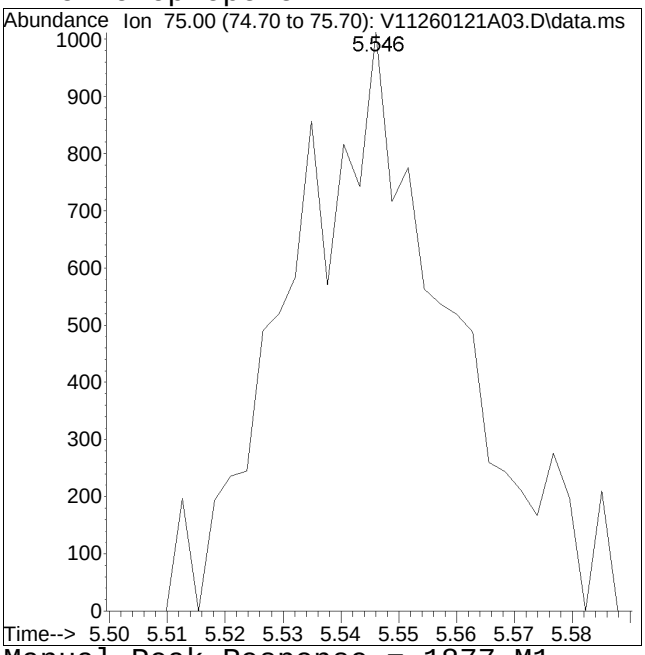
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A03.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 5:21 pm Instrument : VOA111
Sample : I8260STD0.5PPB Quant Date : 1/22/2026 12:35 pm

Compound #40: 1,1-Dichloropropene



Original Peak Response = 651



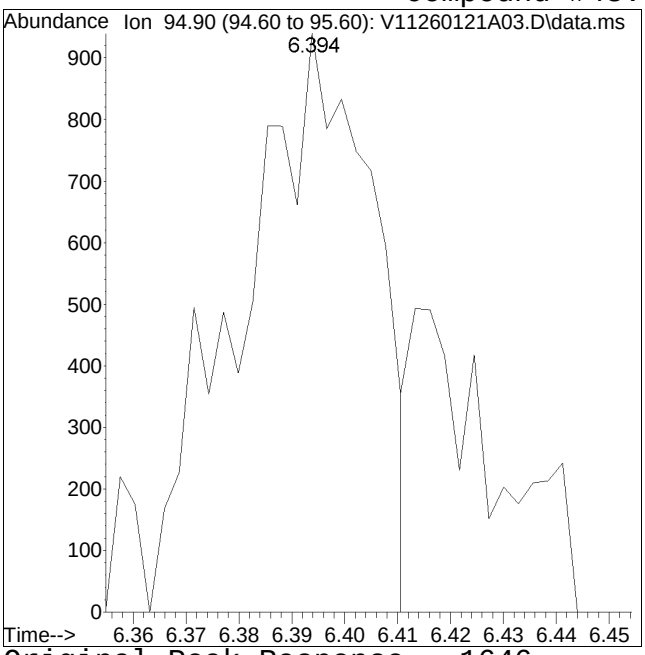
Manual Peak Response = 1877 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

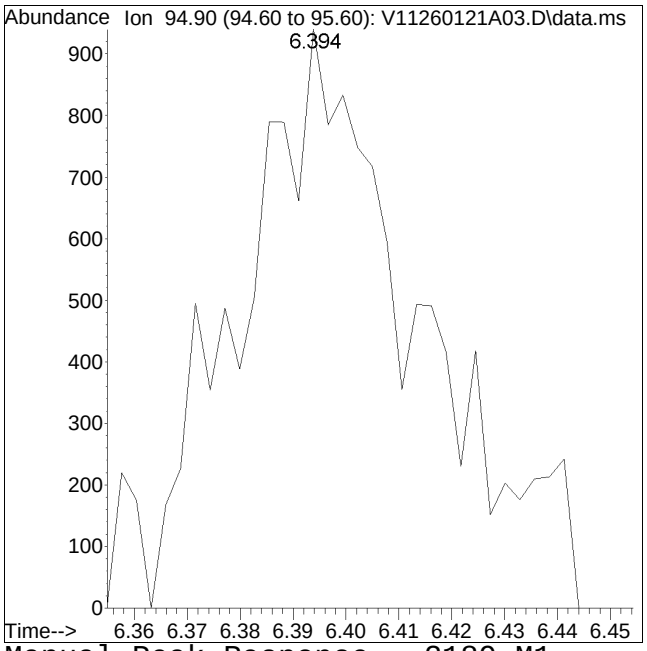
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A03.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 5:21 pm Instrument : VOA111
Sample : I8260STD0.5PPB Quant Date : 1/22/2026 12:35 pm

Compound #48: Trichloroethene



Original Peak Response = 1646



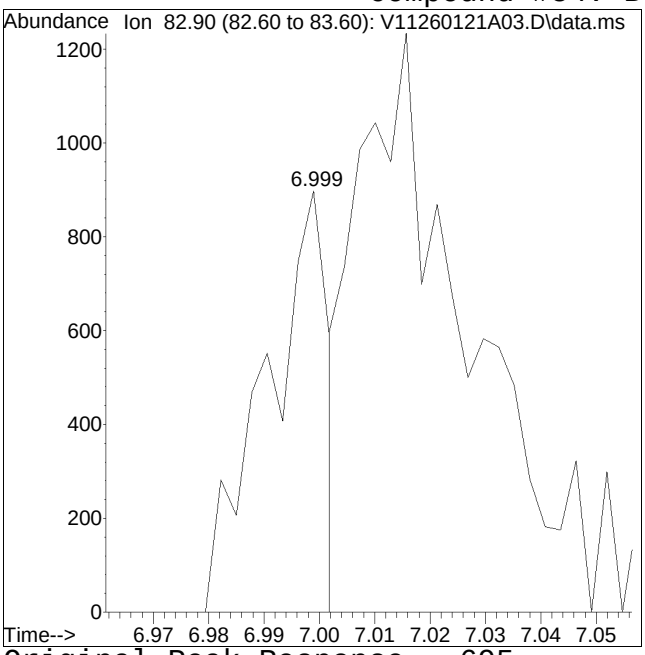
Manual Peak Response = 2189 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

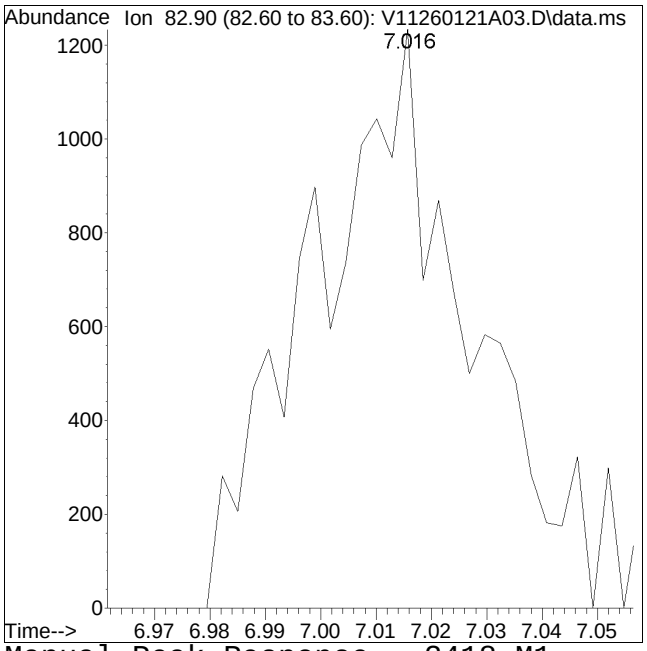
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A03.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 5:21 pm Instrument : VOA111
Sample : I8260STD0.5PPB Quant Date : 1/22/2026 12:35 pm

Compound #54: Bromodichloromethane



Original Peak Response = 695



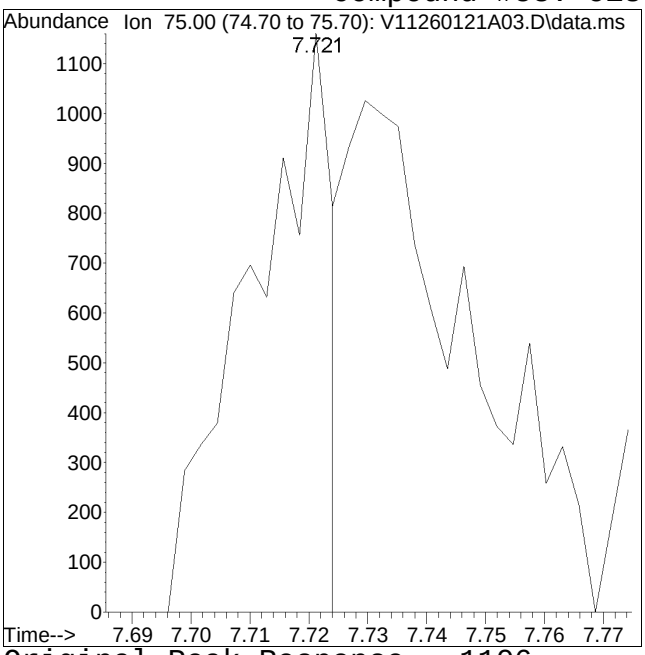
Manual Peak Response = 2418 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

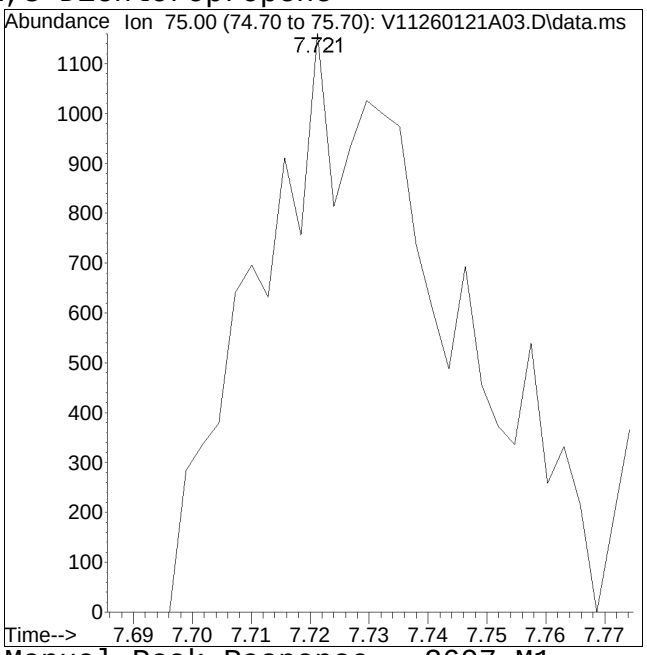
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A03.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 5:21 pm Instrument : VOA111
Sample : I8260STD0.5PPB Quant Date : 1/22/2026 12:35 pm

Compound #58: cis-1,3-Dichloropropene



Original Peak Response = 1106



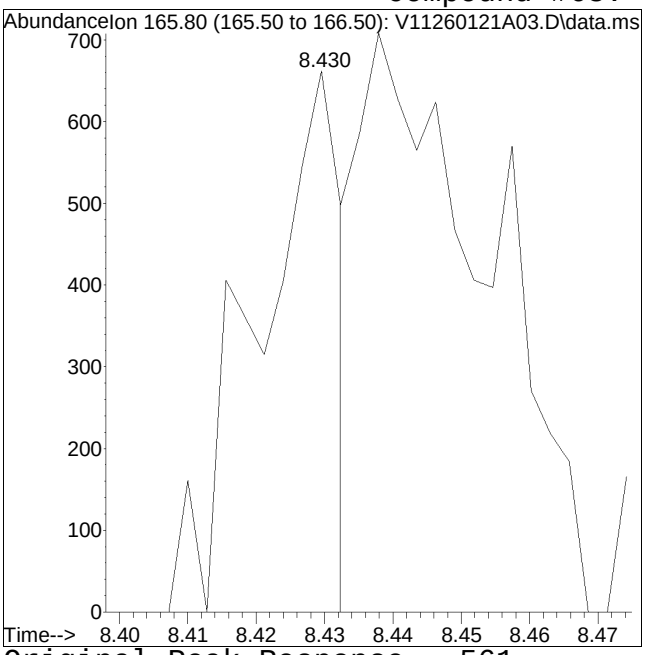
Manual Peak Response = 2607 M1

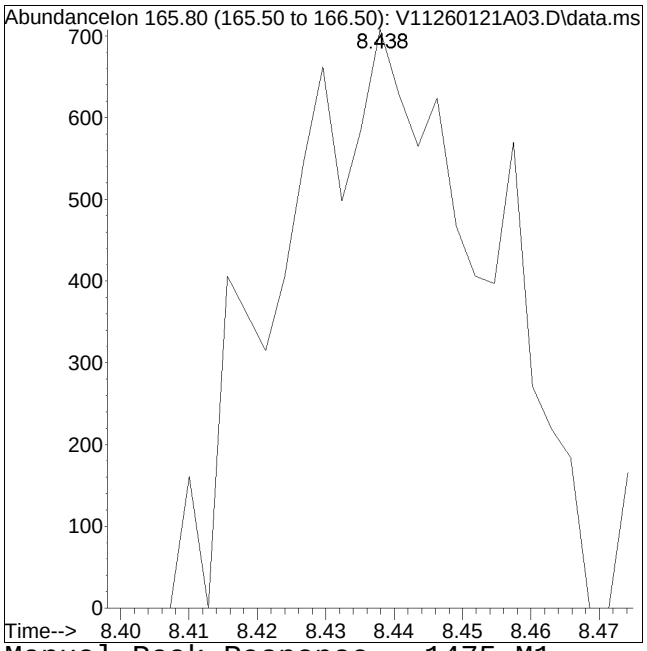
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A03.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 5:21 pm Instrument : VOA111
Sample : I8260STD0.5PPB Quant Date : 1/22/2026 12:35 pm

Compound #63: Tetrachloroethene





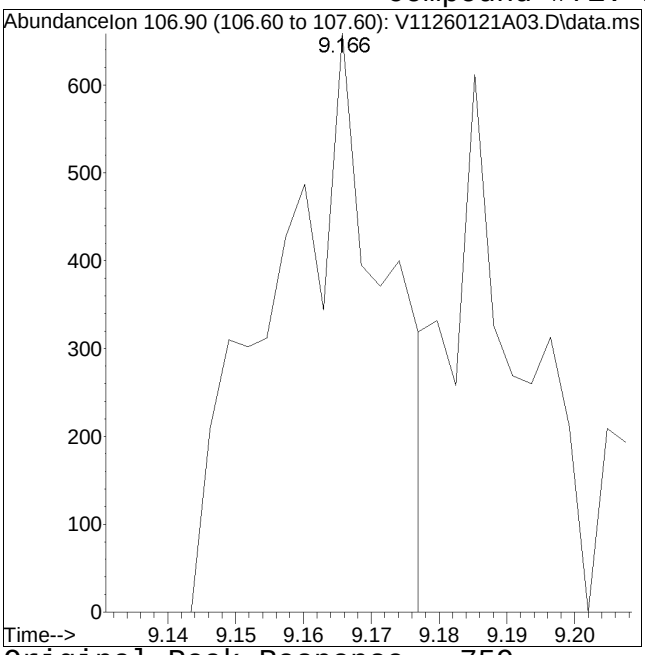
Original Peak Response = 561 Manual Peak Response = 1475 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

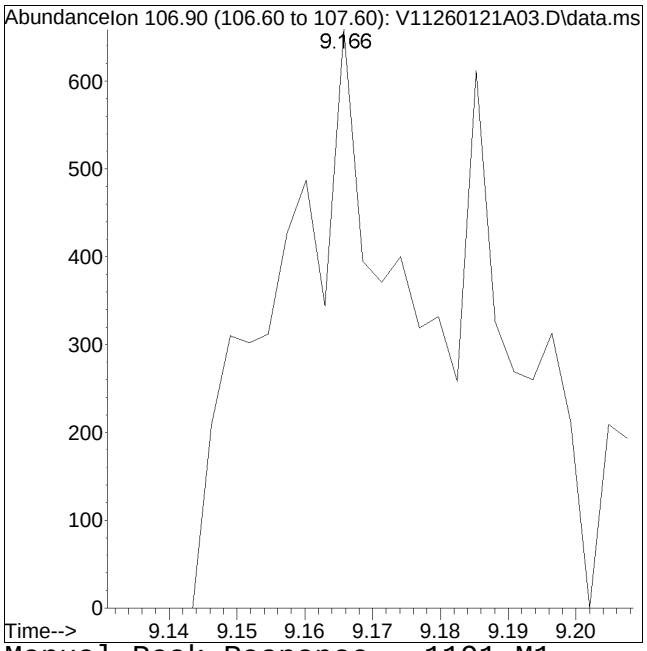
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A03.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 5:21 pm Instrument : VOA111
Sample : I8260STD0.5PPB Quant Date : 1/22/2026 12:35 pm

Compound #71: 1,2-Dibromoethane



Original Peak Response = 759



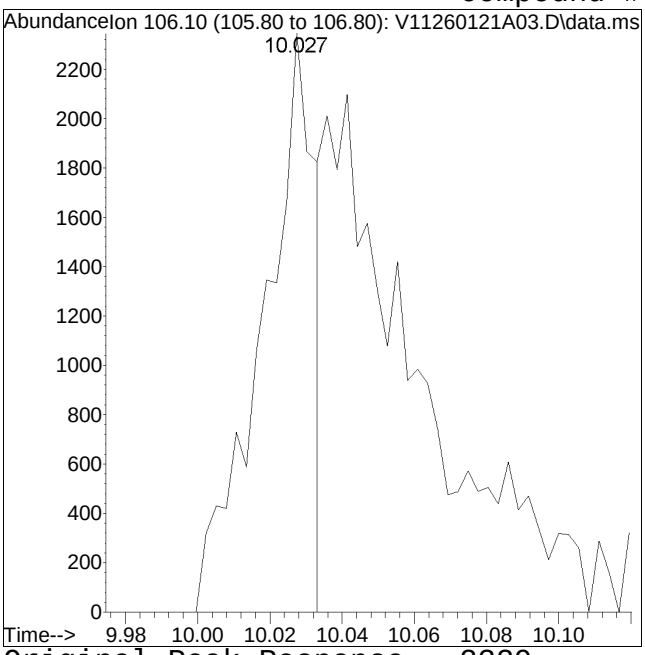
Manual Peak Response = 1191 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

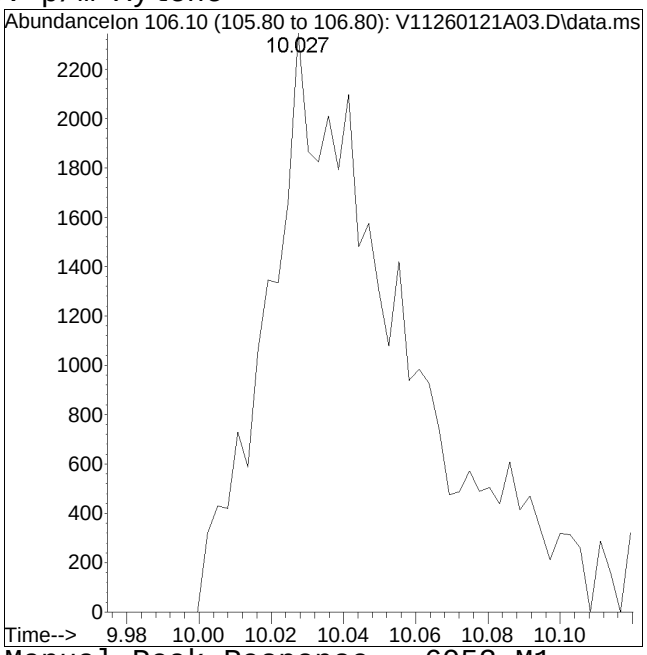
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A03.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 5:21 pm Instrument : VOA111
Sample : I8260STD0.5PPB Quant Date : 1/22/2026 12:35 pm

Compound #76: p/m Xylene



Original Peak Response = 2329



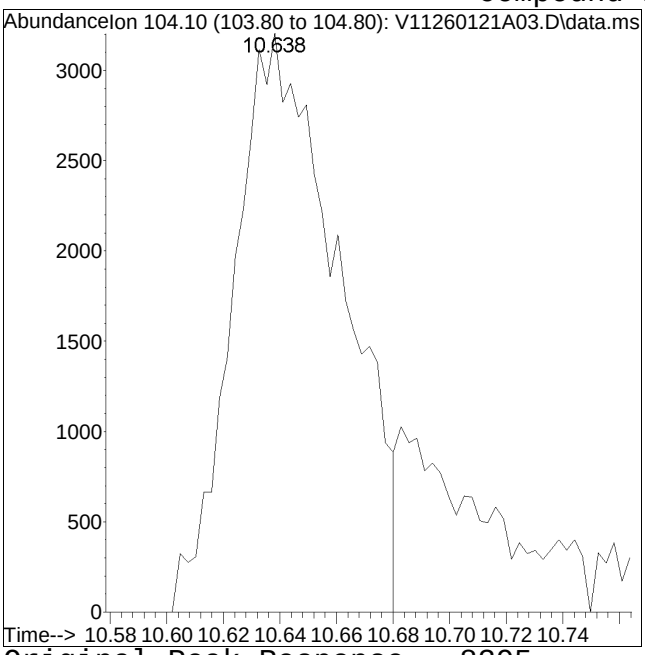
Manual Peak Response = 6053 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

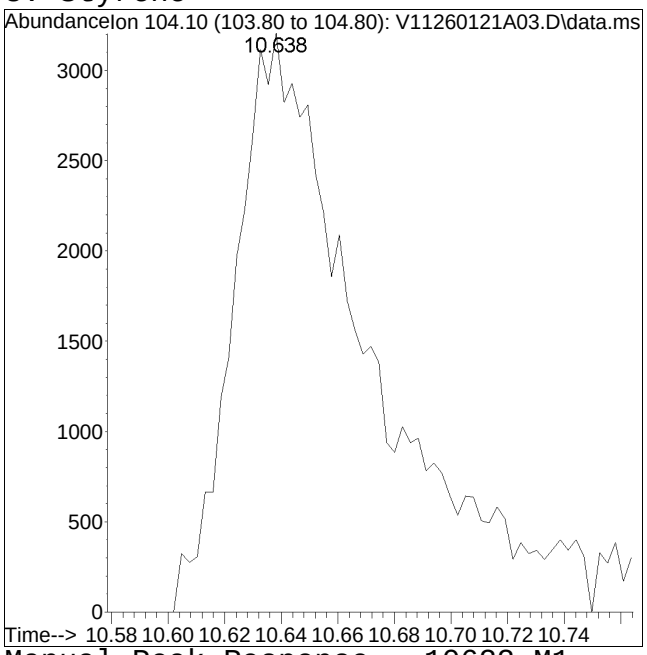
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A03.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 5:21 pm Instrument : VOA111
Sample : I8260STD0.5PPB Quant Date : 1/22/2026 12:35 pm

Compound #78: Styrene



Original Peak Response = 8395



Manual Peak Response = 10622 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A05.D
Acq On : 21 Jan 2026 06:14 pm
Operator : VOA111:JIC
Sample : I8260STD1.0PPB
Misc : WG2168016,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 22 13:16:38 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.204	96	330405	20.000 ug/L	0.00
Standard Area 1 = 314816			Recovery = 104.95%		
59) Chlorobenzene-d5	9.774	117	242697	20.000 ug/L	0.00
Standard Area 1 = 240870			Recovery = 100.76%		
79) 1,4-Dichlorobenzene-d4	12.431	152	123105	20.000 ug/L	0.00
Standard Area 1 = 127427			Recovery = 96.61%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.379	113	83070	19.825 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.13%		
43) 1,2-Dichloroethane-d4	5.911	65	75194	19.398 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.99%		
60) Toluene-d8	7.914	98	318528	20.319 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.59%		
83) 4-Bromofluorobenzene	11.240	95	117696	20.887 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.44%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.659	85	3129M1	0.681 ug/L	
3) Chloromethane	1.870	50	3781M1	0.778 ug/L	
4) Vinyl chloride	1.940	62	3750	0.682 ug/L	97
5) Bromomethane	2.272	94	3700	0.953 ug/L	94
6) Chloroethane	2.406	64	2392	0.761 ug/L	96
7) Trichlorofluoromethane	2.551	101	4328	0.676 ug/L #	49
8) Ethyl ether	2.866	74	2081	0.812 ug/L #	51
10) 1,1-Dichloroethene	3.072	96	2731	0.700 ug/L	83
11) Carbon disulfide	3.103	76	13602	0.998 ug/L	97
12) Freon-113	3.106	101	2388	0.617 ug/L #	59
14) Acrolein	0.000		0	N.D. d	
15) Methylene chloride	3.647	84	5490	1.162 ug/L	68
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	3.811	96	3571	0.797 ug/L	80
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	3.903	73	11326	0.854 ug/L #	65
21) tert-Butyl alcohol	3.995	59	1709M1	4.171 ug/L	
22) Diisopropyl ether	4.271	45	11975	0.827 ug/L #	81
23) 1,1-Dichloroethane	4.400	63	6315	0.783 ug/L	90
24) Halothane	4.461	117	2177M1	0.655 ug/L	
25) Acrylonitrile	0.000		0	N.D. d	

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A05.D
Acq On : 21 Jan 2026 06:14 pm
Operator : VOA111:JIC
Sample : I8260STD1.0PPB
Misc : WG2168016,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 22 13:16:38 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
26) Ethyl tert-butyl ether	4.626	59	11985	0.831 ug/L #	39
27) Vinyl acetate	0.000		0	N.D. d	
28) cis-1,2-Dichloroethene	4.944	96	3951	0.784 ug/L #	75
29) 2,2-Dichloropropane	5.027	77	5006M1	0.757 ug/L	
30) Bromochloromethane	5.139	128	1901	0.799 ug/L #	69
31) Cyclohexane	5.142	56	4412	0.620 ug/L #	71
32) Chloroform	5.200	83	7852	0.976 ug/L #	94
33) Ethyl acetate	0.000		0	N.D. d	
34) Carbon tetrachloride	5.348	117	4279M1	0.678 ug/L	
35) Tetrahydrofuran	0.000		0	N.D. d	
37) 1,1,1-Trichloroethane	5.406	97	5200	0.750 ug/L #	66
39) 2-Butanone	0.000		0	N.D. d	
40) 1,1-Dichloropropene	5.543	75	3923	0.692 ug/L #	84
41) Benzene	5.786	78	13965	0.794 ug/L #	71
42) tert-Amyl methyl ether	5.894	73	11493	0.876 ug/L #	76
44) 1,2-Dichloroethane	5.987	62	4944M1	0.858 ug/L	
47) Methyl cyclohexane	6.391	83	4205M1	0.562 ug/L	
48) Trichloroethene	6.391	95	3684M1	0.786 ug/L	
50) Dibromomethane	6.857	93	2463M1	0.890 ug/L	
51) 1,2-Dichloropropane	6.943	63	3359	0.725 ug/L #	62
53) 2-Chloroethyl vinyl ether	0.000		0	N.D. d	
54) Bromodichloromethane	7.013	83	4845	0.735 ug/L #	94
57) 1,4-Dioxane	0.000		0	N.D. d	
58) cis-1,3-Dichloropropene	7.721	75	5540M1	0.713 ug/L	
61) Toluene	7.980	92	9036M1	0.845 ug/L	
62) 4-Methyl-2-pentanone	0.000		0	N.D. d	
63) Tetrachloroethene	8.438	166	3289	0.718 ug/L #	49
65) trans-1,3-Dichloropropene	8.485	75	4827M1	0.738 ug/L	
67) Ethyl methacrylate	0.000		0	N.D. d	
68) 1,1,2-Trichloroethane	8.650	83	2710	0.852 ug/L #	49
69) Chlorodibromomethane	8.864	129	3793M1	0.785 ug/L	
70) 1,3-Dichloropropane	8.979	76	5106M1	0.800 ug/L	
71) 1,2-Dibromoethane	9.157	107	2804M1	0.738 ug/L	
72) 2-Hexanone	0.000		0	N.D. d	
73) Chlorobenzene	9.799	112	10148	0.812 ug/L #	48
74) Ethylbenzene	9.843	91	16144	0.780 ug/L #	70
75) 1,1,1,2-Tetrachloroethane	9.880	131	4024	0.855 ug/L #	64
76) p/m Xylene	10.033	106	12066	1.490 ug/L	94
77) o Xylene	10.557	106	13131	1.630 ug/L	99
78) Styrene	10.630	104	20422M1	1.497 ug/L	

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A05.D
Acq On : 21 Jan 2026 06:14 pm
Operator : VOA111:JIC
Sample : I8260STD1.0PPB
Misc : WG2168016,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 22 13:16:38 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	10.641	173	2437	0.831	ug/L		79
82) Isopropylbenzene	10.928	105	15392	0.778	ug/L		97
84) Bromobenzene	11.360	156	4554	0.886	ug/L		90
85) n-Propylbenzene	11.402	91	17453	0.749	ug/L		98
86) 1,4-Dichlorobutane	11.424	55	6169M1	0.979	ug/L		
87) 1,1,2,2-Tetrachloroethane	11.469	83	4268	0.924	ug/L		91
88) 4-Ethyltoluene	11.522	105	14992	0.768	ug/L		98
89) 2-Chlorotoluene	11.567	91	11702M1	0.854	ug/L		
90) 1,3,5-Trimethylbenzene	11.614	105	14219M1	0.848	ug/L		
91) 1,2,3-Trichloropropane	11.620	75	3438M1	0.991	ug/L		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d		
93) 4-Chlorotoluene	11.756	91	11634	0.803	ug/L		93
94) tert-Butylbenzene	11.949	119	11010	0.769	ug/L	#	92
97) 1,2,4-Trimethylbenzene	12.030	105	13235	0.795	ug/L		96
98) sec-Butylbenzene	12.136	105	16302	0.765	ug/L		100
99) p-Isopropyltoluene	12.286	119	13695	0.736	ug/L		98
100) 1,3-Dichlorobenzene	12.367	146	7963	0.822	ug/L		99
101) 1,4-Dichlorobenzene	12.448	146	9455M3	0.959	ug/L		
102) p-Diethylbenzene	12.663	119	8085M1	0.732	ug/L		
103) n-Butylbenzene	12.724	91	12649M1	0.747	ug/L		
104) 1,2-Dichlorobenzene	12.875	146	7738M1	0.852	ug/L		
105) 1,2,4,5-Tetramethylben...	13.443	119	13266M1	0.808	ug/L		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	d		
107) 1,3,5-Trichlorobenzene	13.678	180	5402M1	0.791	ug/L		
108) Hexachlorobutadiene	14.241	225	2599	0.821	ug/L		95
109) 1,2,4-Trichlorobenzene	14.274	180	4603M1	0.836	ug/L		
110) Naphthalene	14.573	128	8871M1	0.878	ug/L		
111) 1,2,3-Trichlorobenzene	14.735	180	3608	0.864	ug/L	#	91

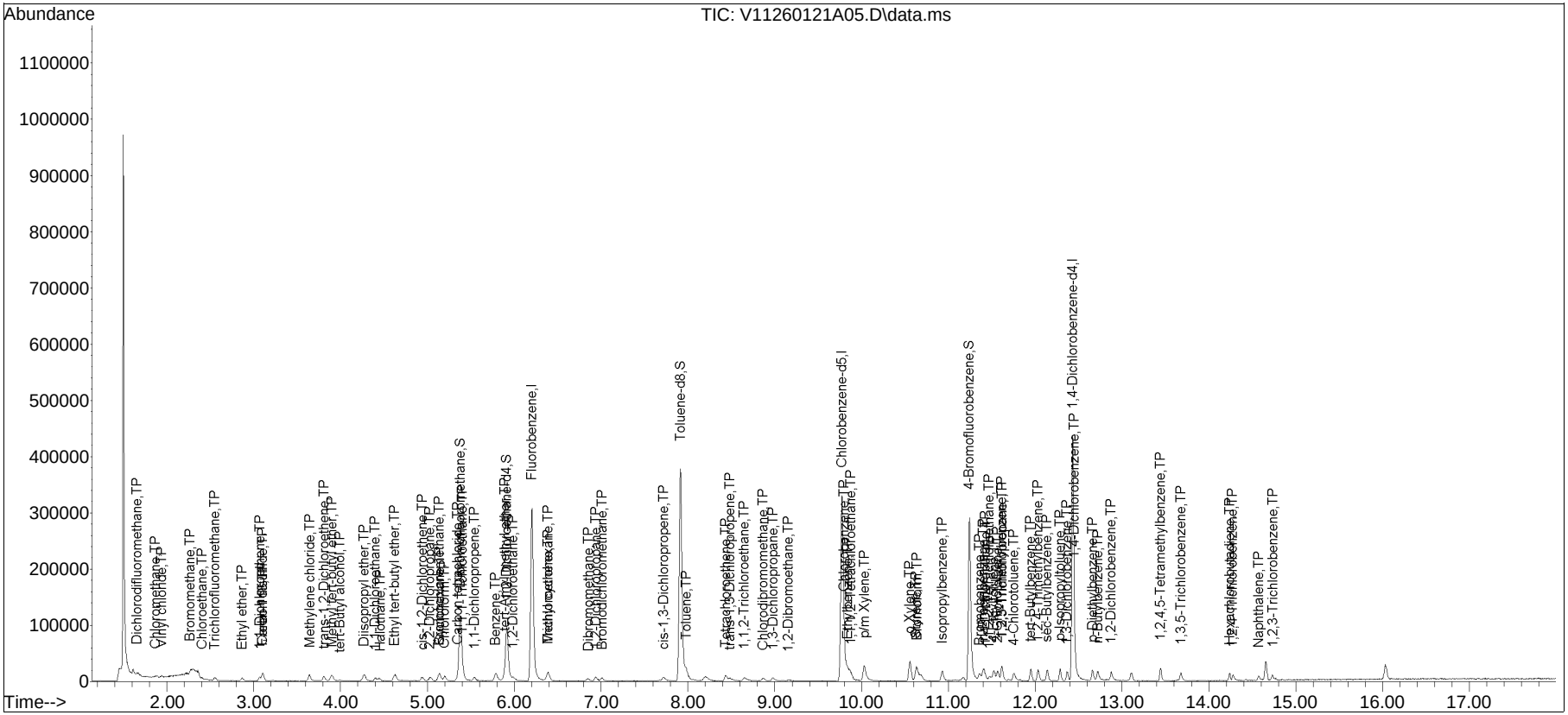
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A05.D
Acq On : 21 Jan 2026 06:14 pm
Operator : VOA111:JIC
Sample : I8260STD1.0PPB
Misc : WG2168016,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 22 13:16:38 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

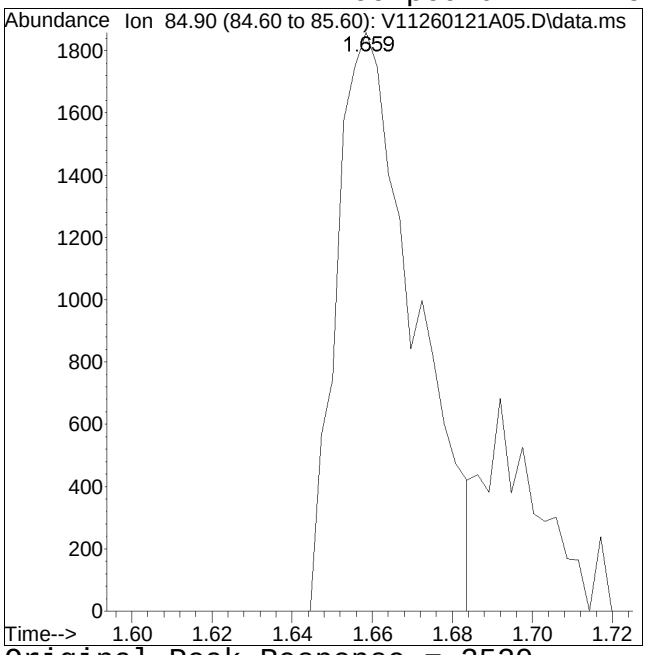
Sub List : 8260-CurveSoil - Megamix plus Diox60121A11.D•

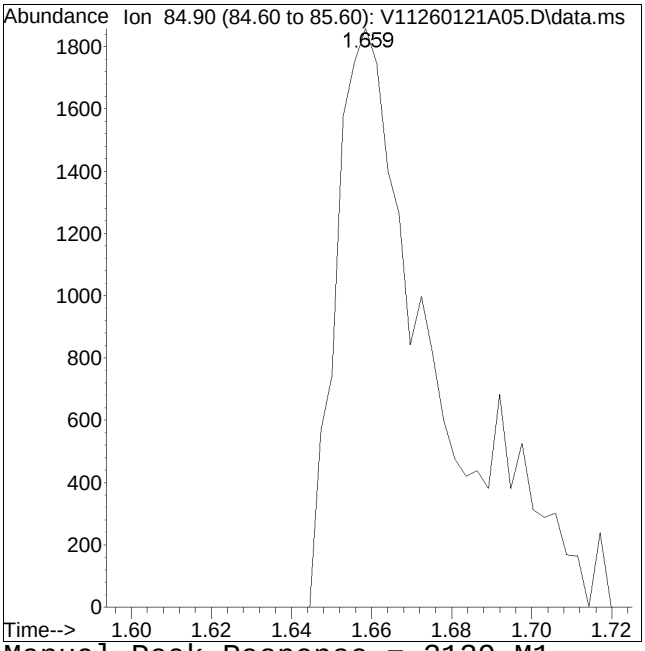


Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #2: Dichlorodifluoromethane



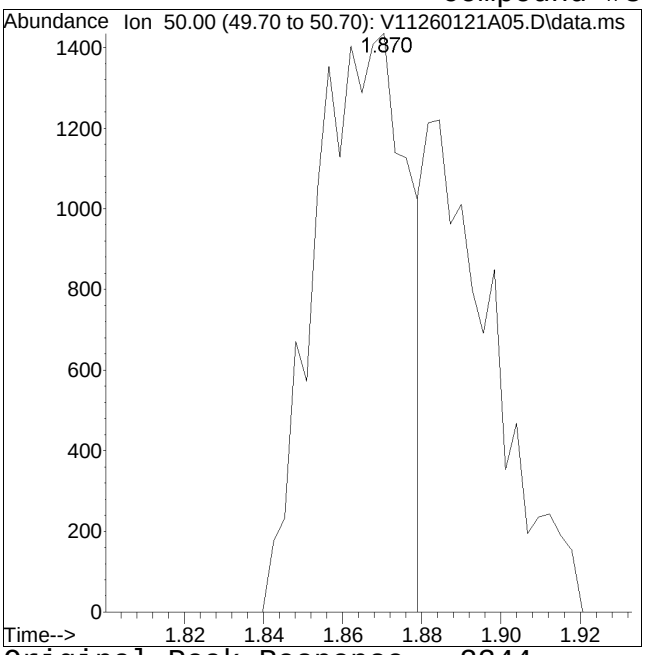


Original Peak Response = 2520 Manual Peak Response = 3129 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

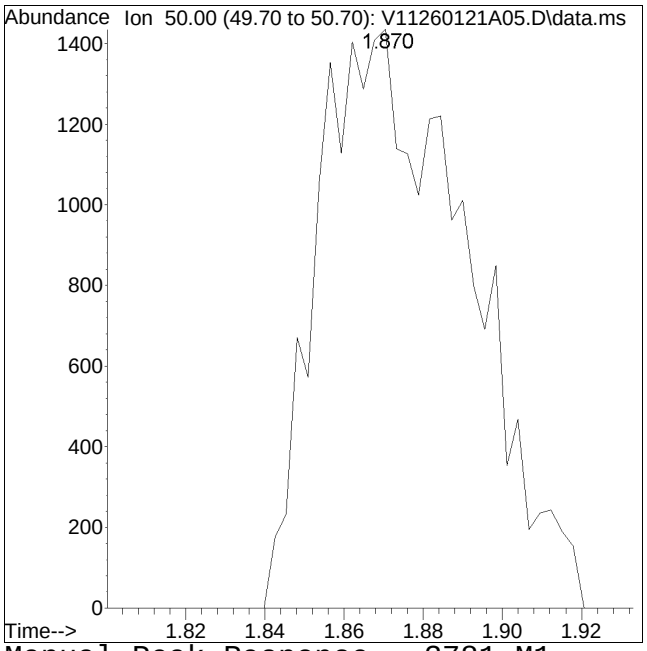
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #3: Chloromethane



Original Peak Response = 2344



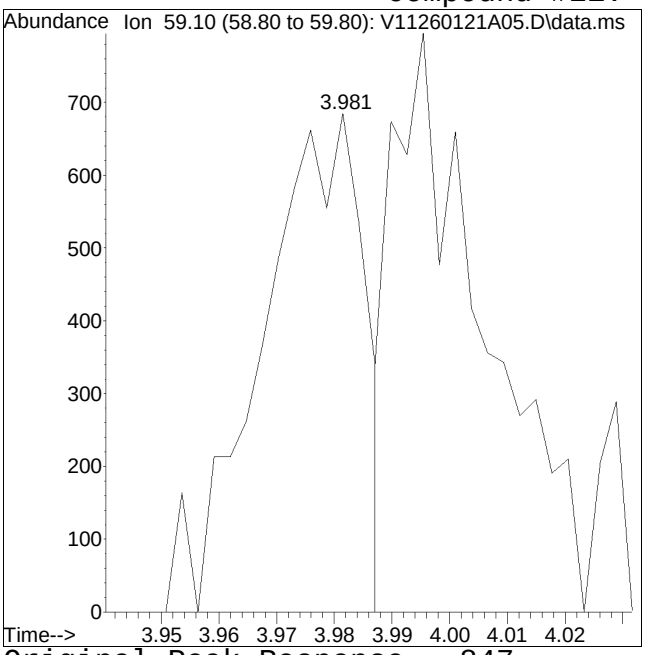
Manual Peak Response = 3781 M1

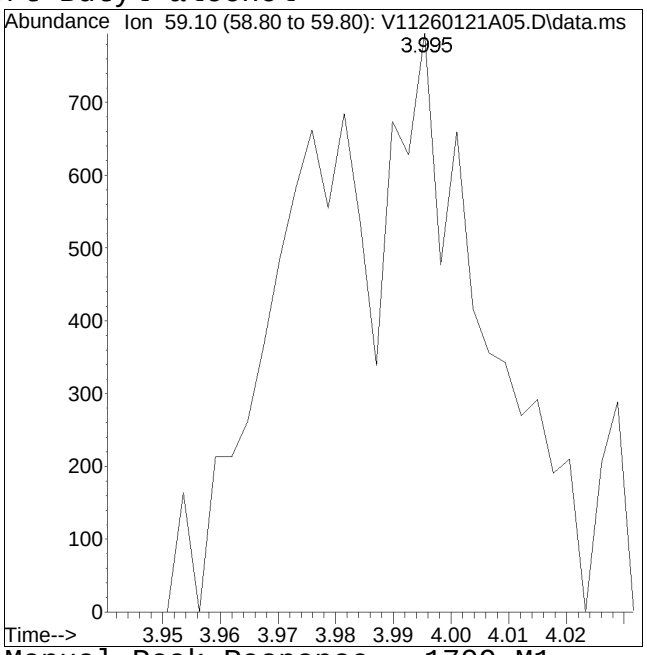
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #21: tert-Butyl alcohol





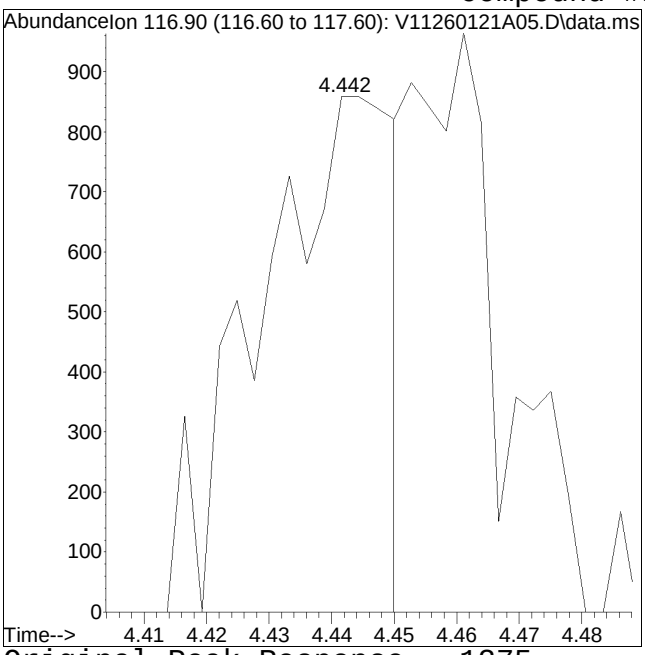
Original Peak Response = 847 Manual Peak Response = 1709 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

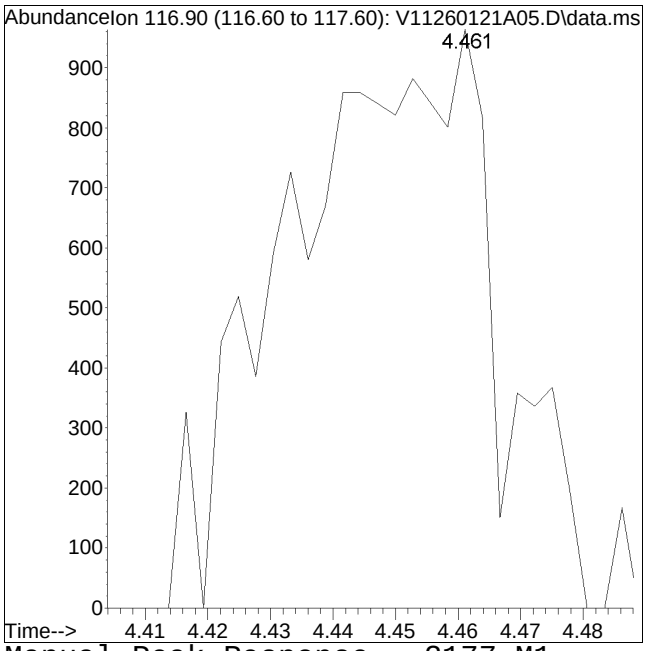
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #24: Halothane



Original Peak Response = 1275



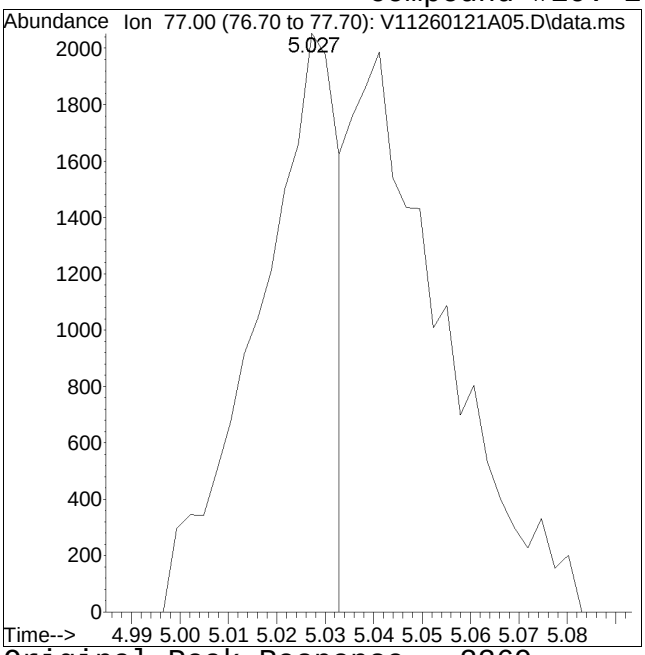
Manual Peak Response = 2177 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

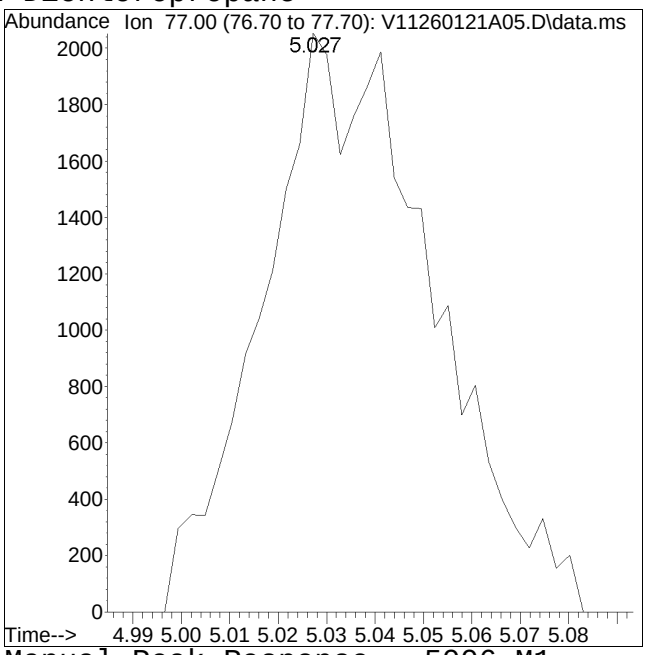
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #29: 2,2-Dichloropropane



Original Peak Response = 2369



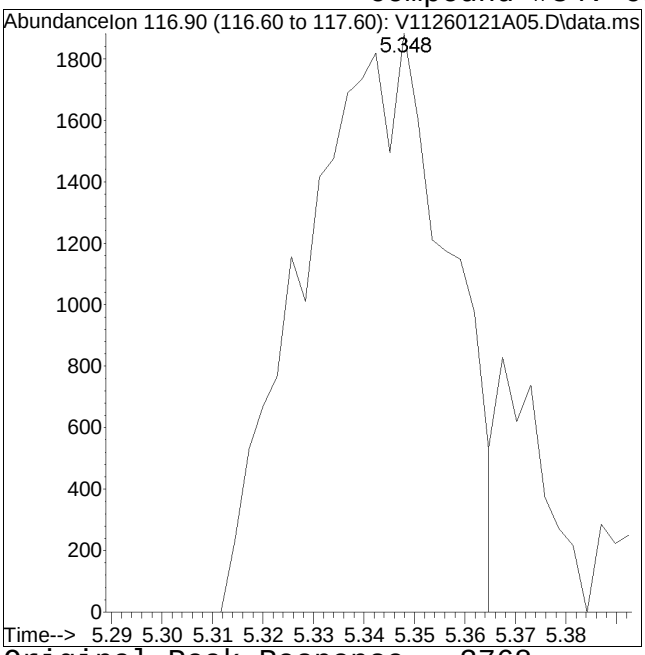
Manual Peak Response = 5006 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

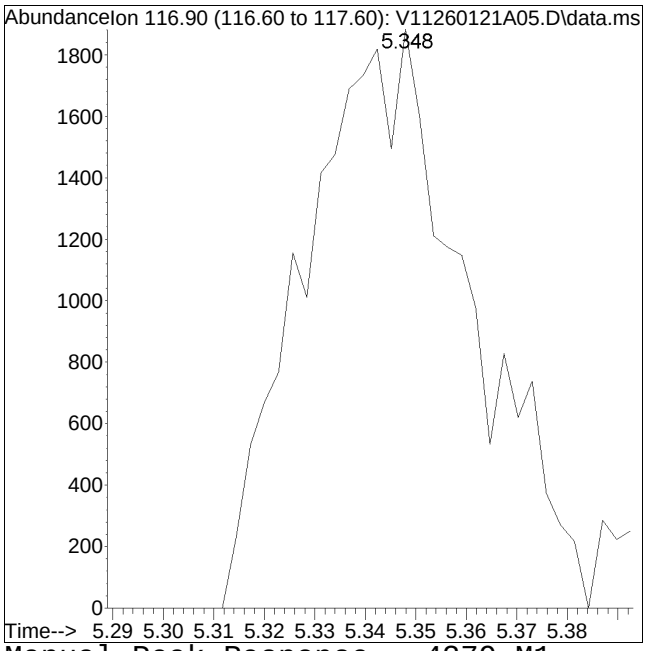
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #34: Carbon tetrachloride



Original Peak Response = 3768



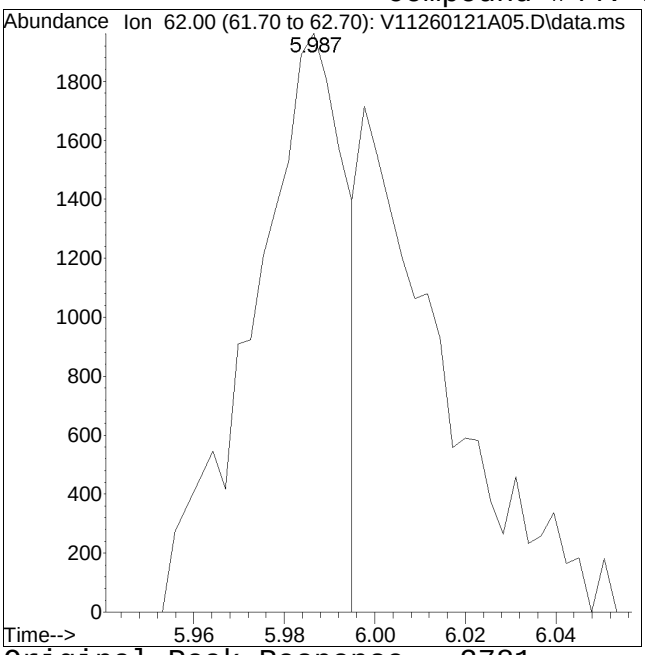
Manual Peak Response = 4279 M1

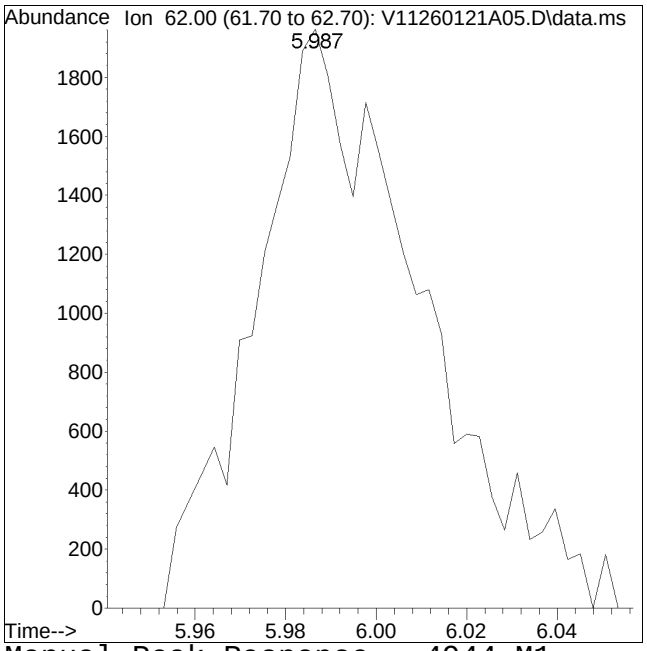
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #44: 1,2-Dichloroethane



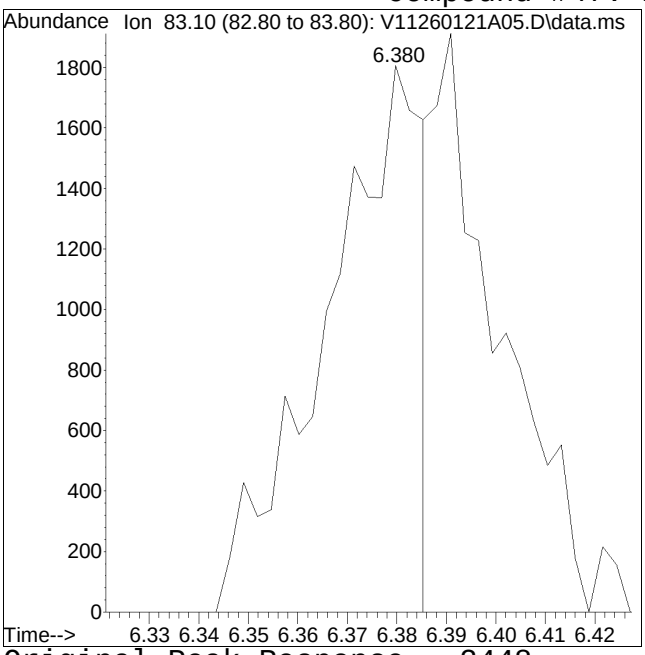


Original Peak Response = 2781 Manual Peak Response = 4944 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

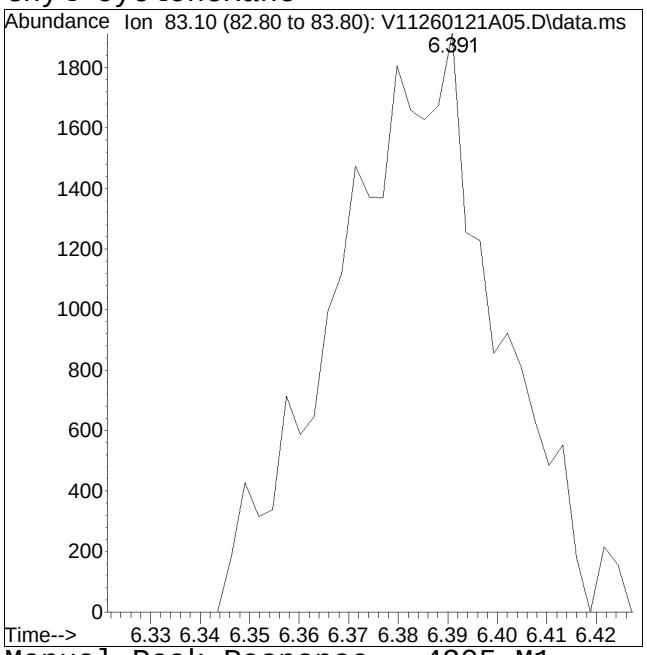
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #47: Methyl cyclohexane



Original Peak Response = 2448



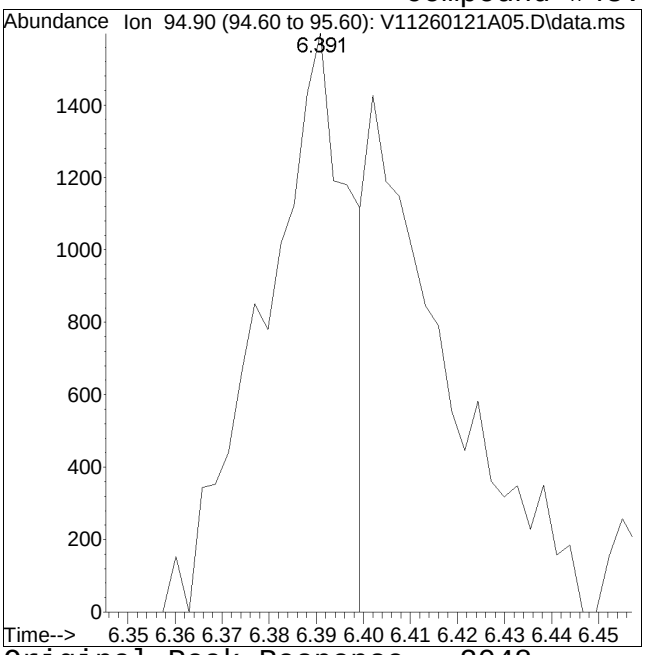
Manual Peak Response = 4205 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

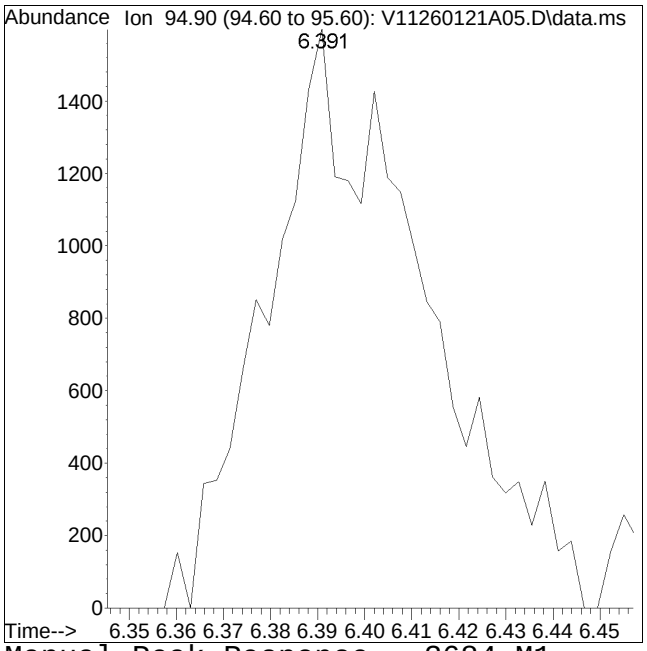
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #48: Trichloroethene



Original Peak Response = 2048



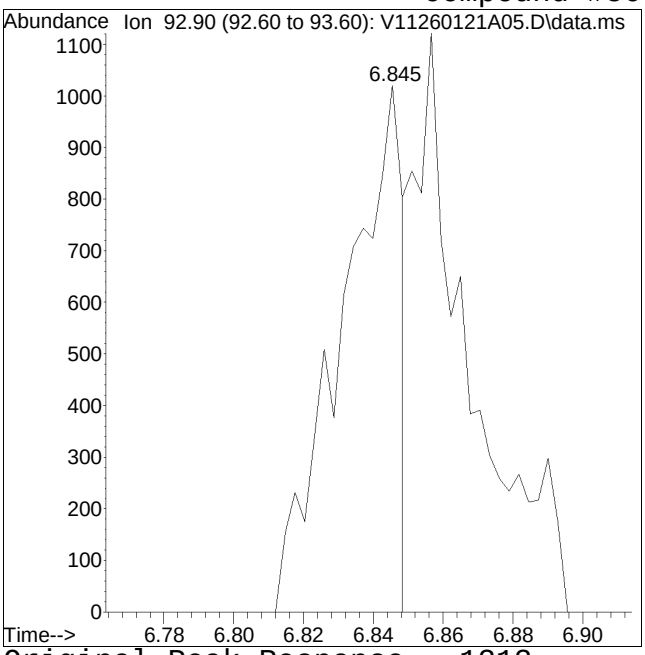
Manual Peak Response = 3684 M1

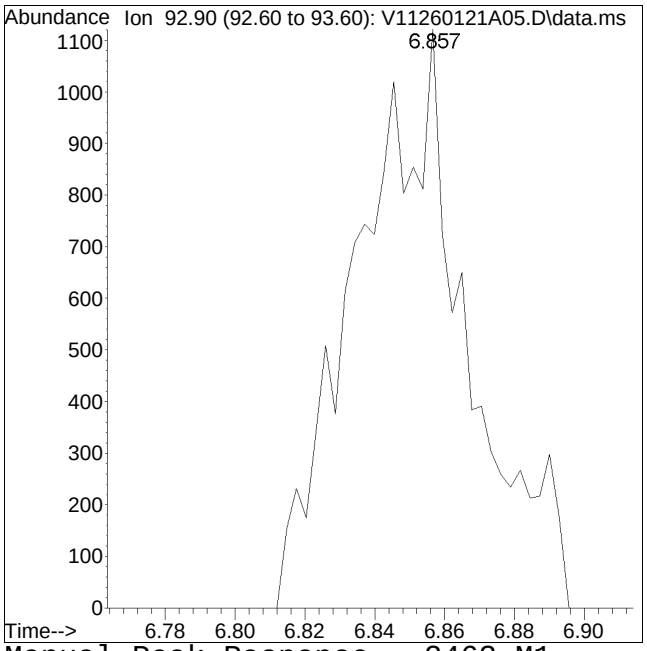
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #50: Dibromomethane





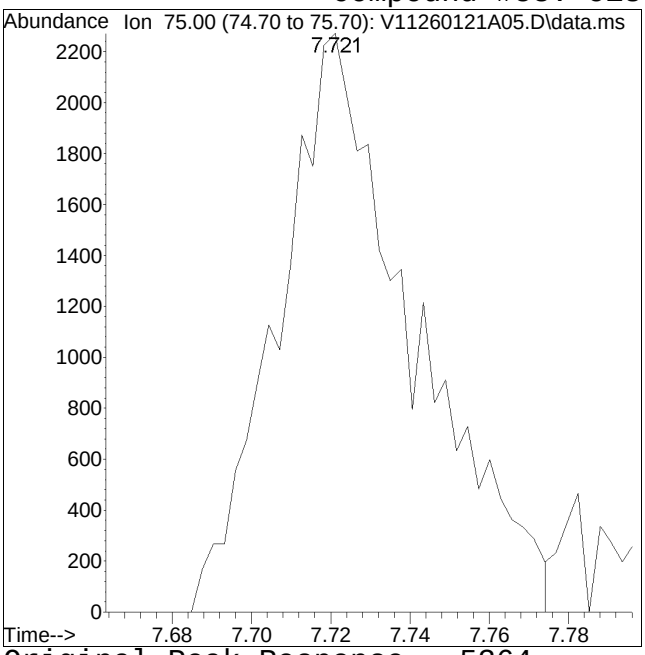
Original Peak Response = 1213 Manual Peak Response = 2463 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

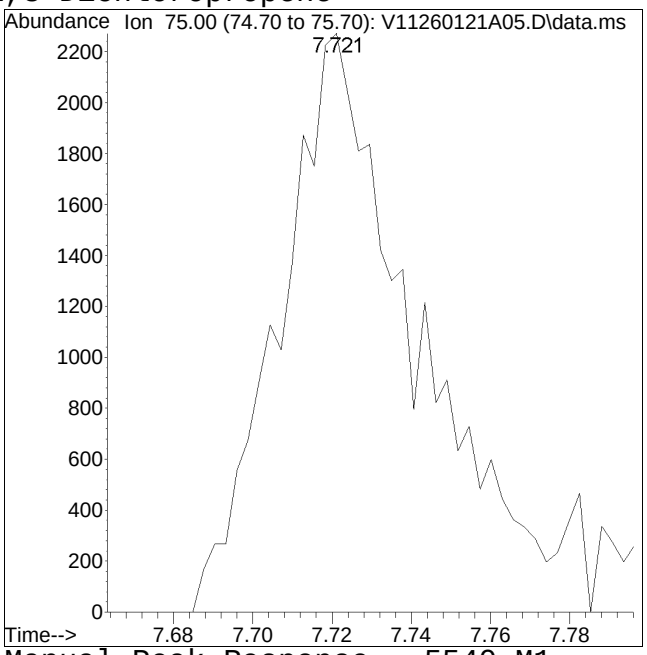
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #58: cis-1,3-Dichloropropene



Original Peak Response = 5364



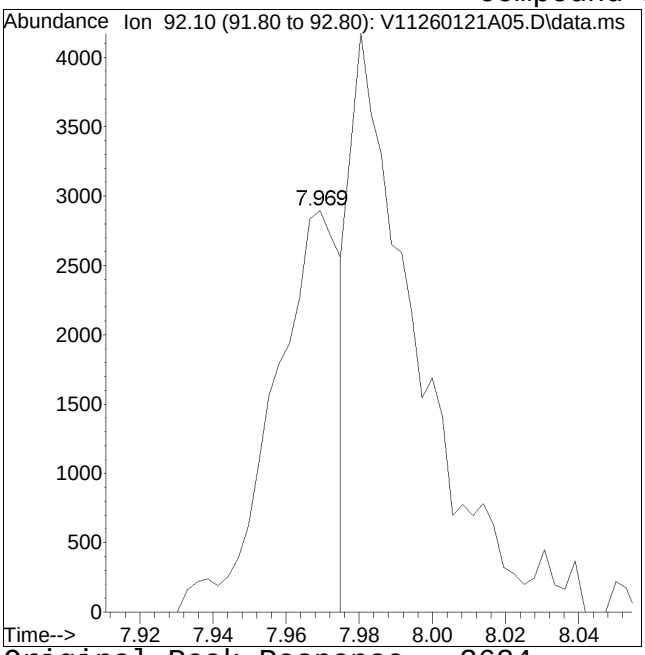
Manual Peak Response = 5540 M1

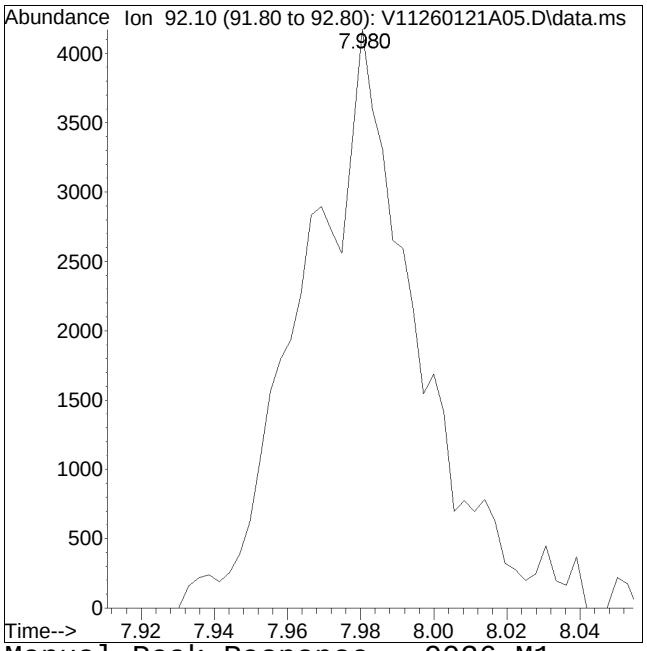
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #61: Toluene



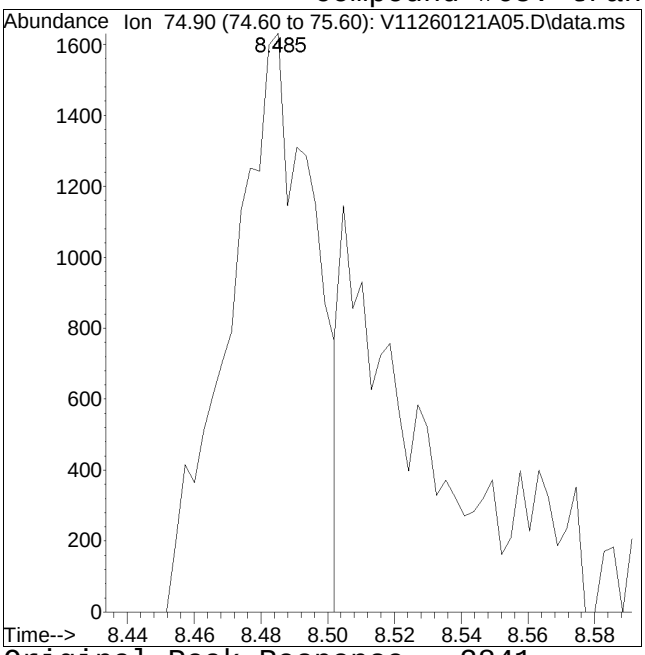


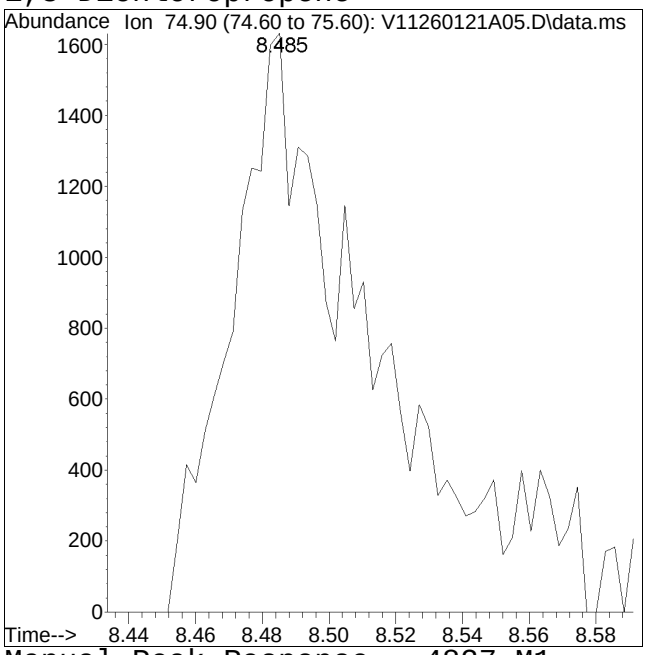
Original Peak Response = 3634 Manual Peak Response = 9036 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #65: trans-1,3-Dichloropropene





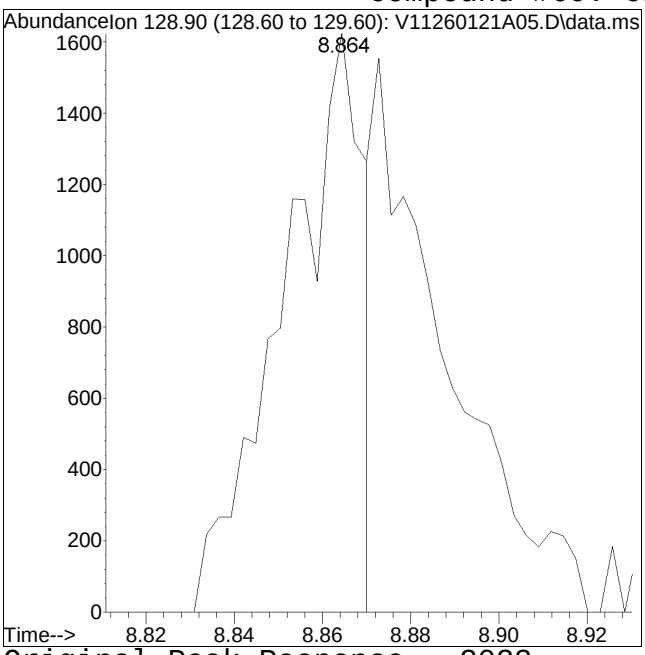
Original Peak Response = 2841 Manual Peak Response = 4827 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

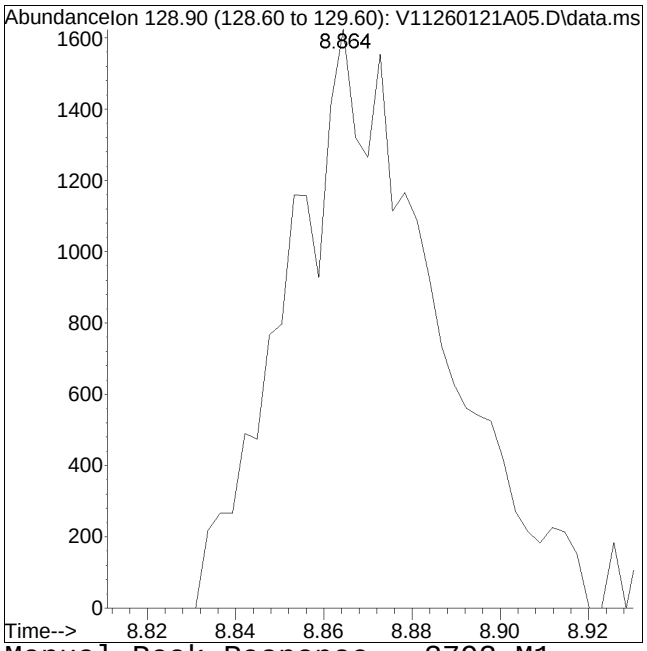
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #69: Chlorodibromomethane



Original Peak Response = 2033



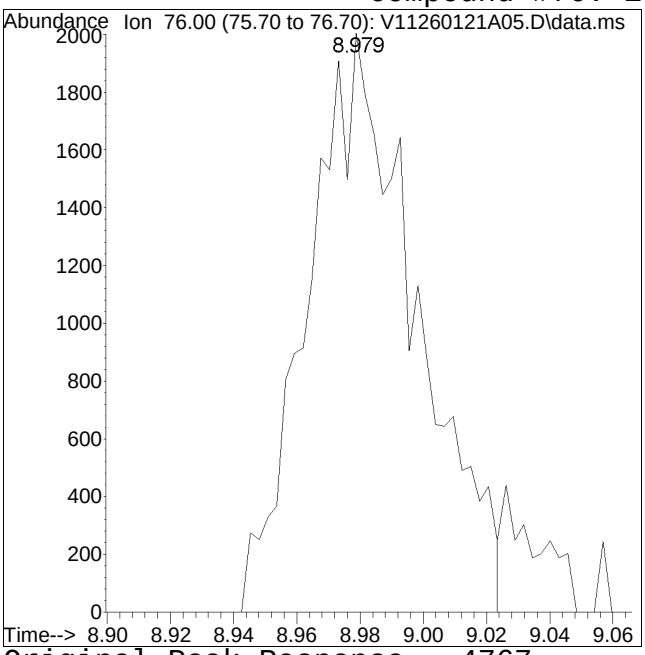
Manual Peak Response = 3793 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

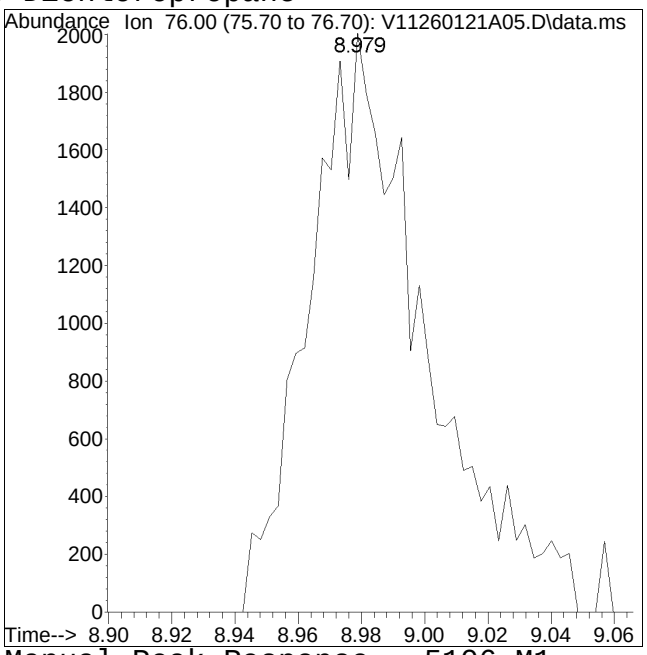
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #70: 1,3-Dichloropropane



Original Peak Response = 4767



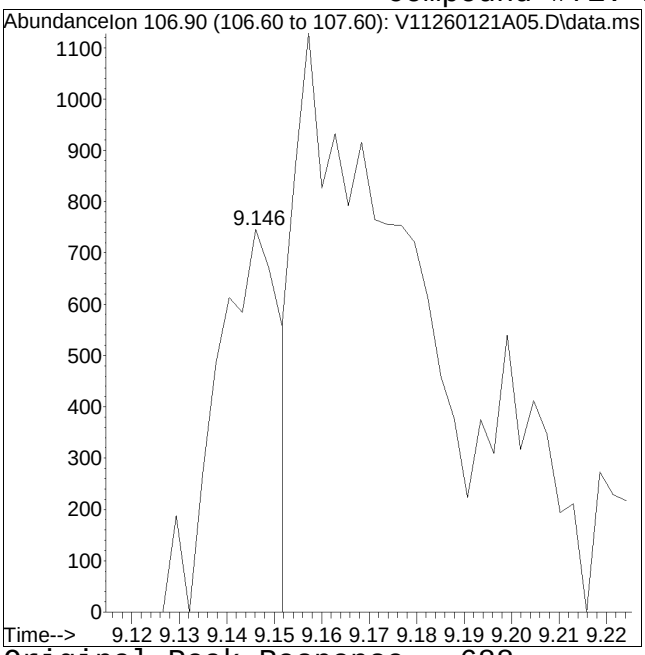
Manual Peak Response = 5106 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

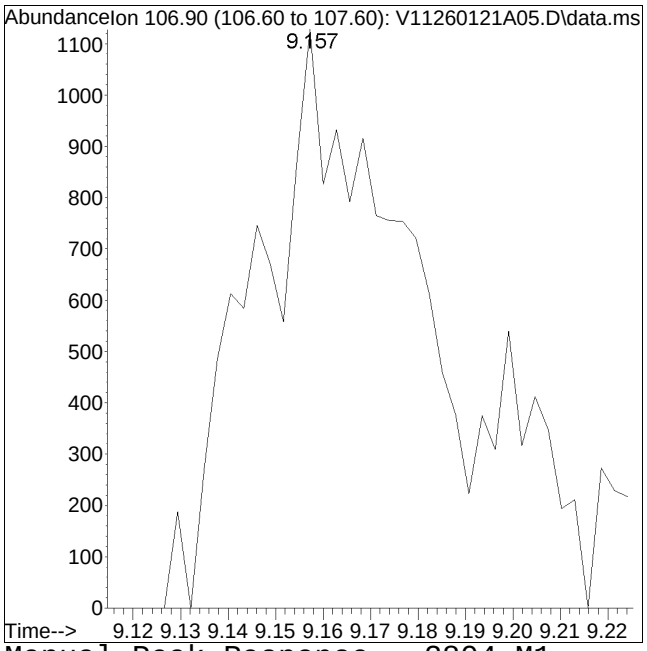
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #71: 1,2-Dibromoethane



Original Peak Response = 688



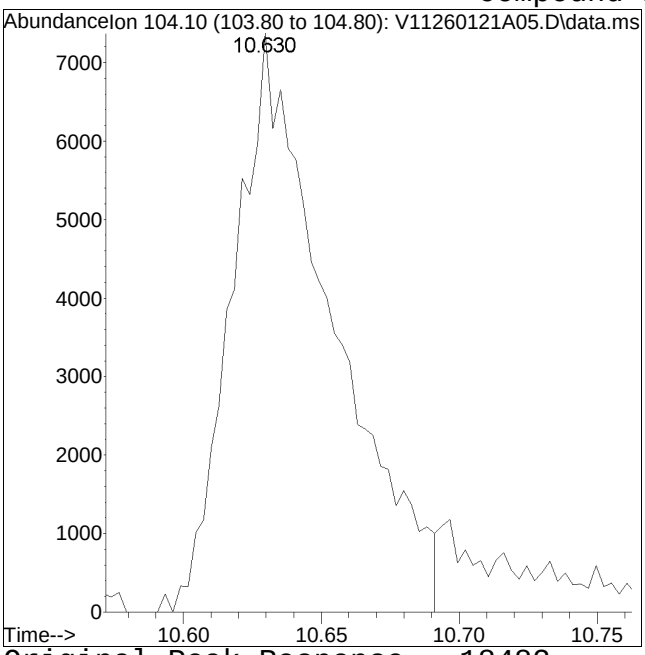
Manual Peak Response = 2804 M1

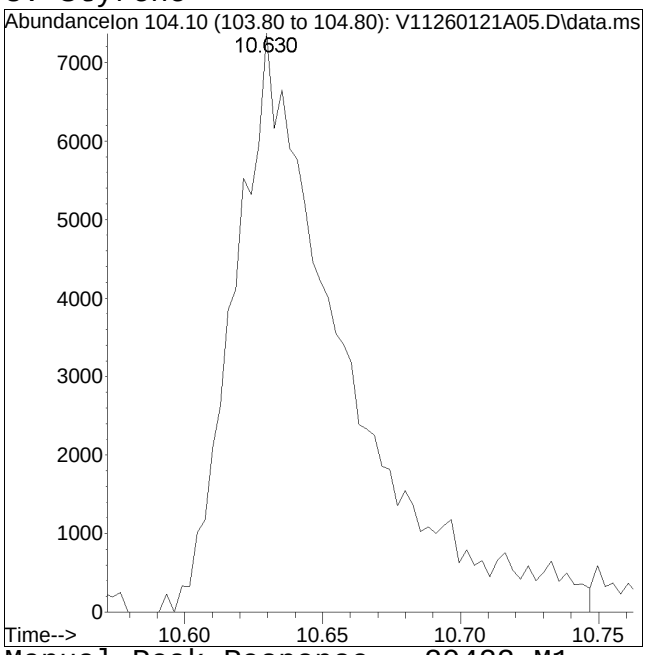
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #78: Styrene



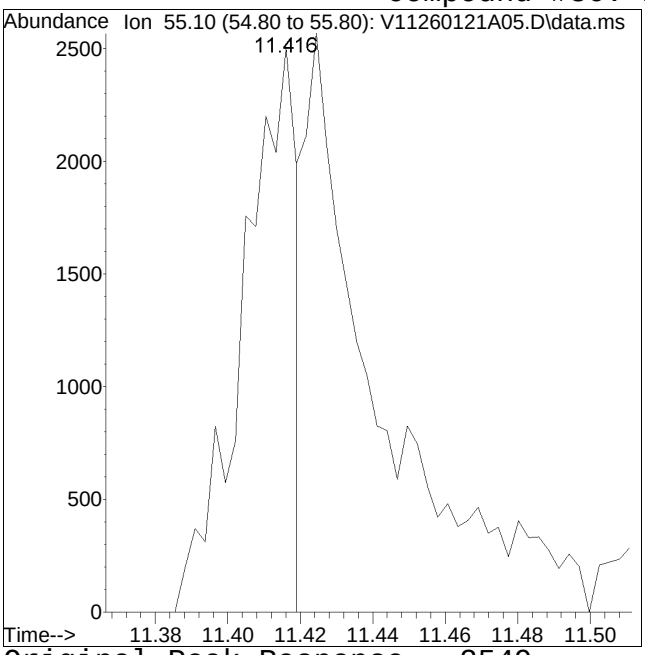


Original Peak Response = 18482 Manual Peak Response = 20422 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

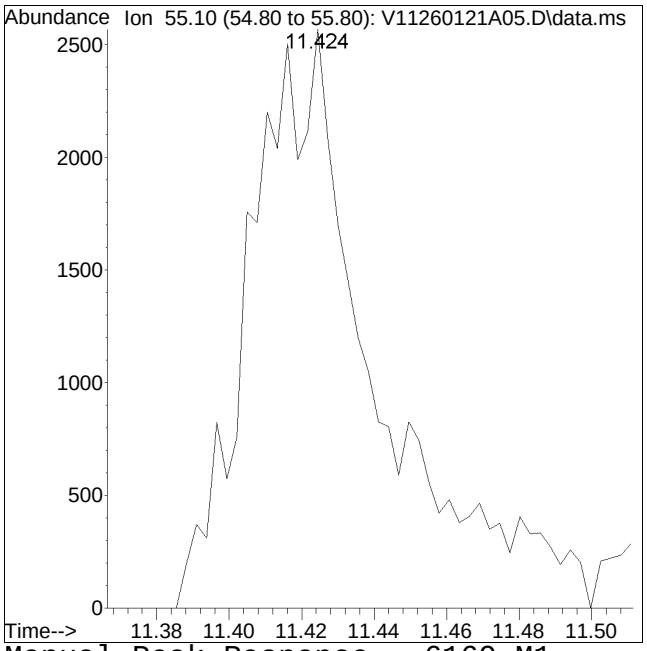
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #86: 1,4-Dichlorobutane



Original Peak Response = 2549



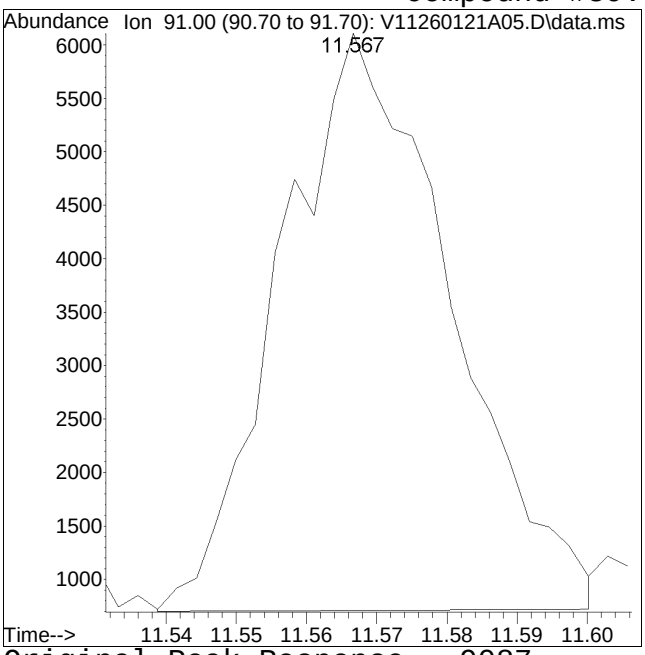
Manual Peak Response = 6169 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

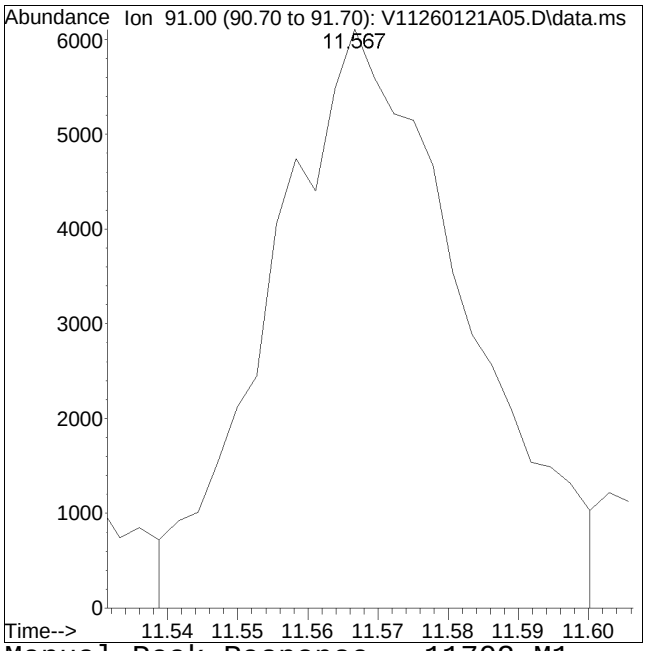
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 9087



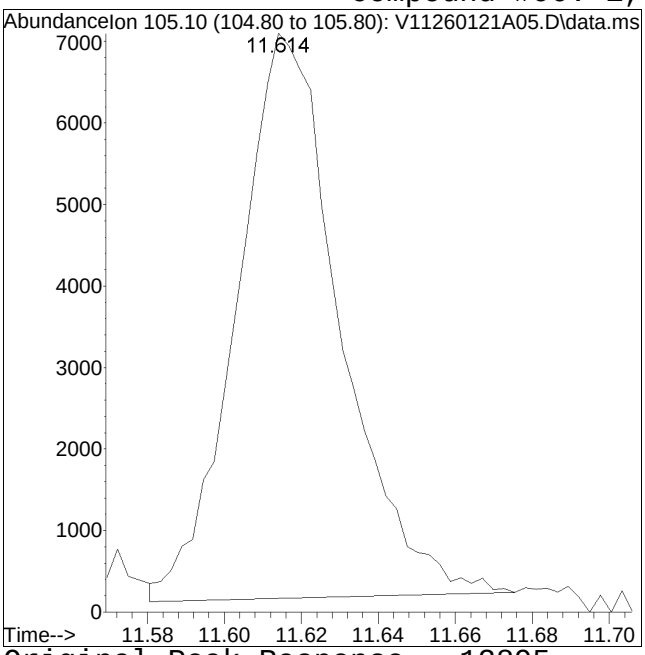
Manual Peak Response = 11702 M1

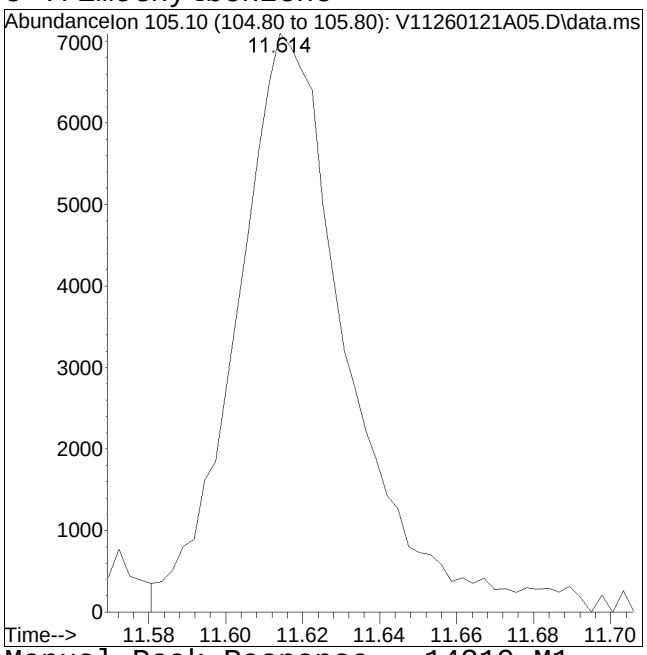
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #90: 1,3,5-Trimethylbenzene



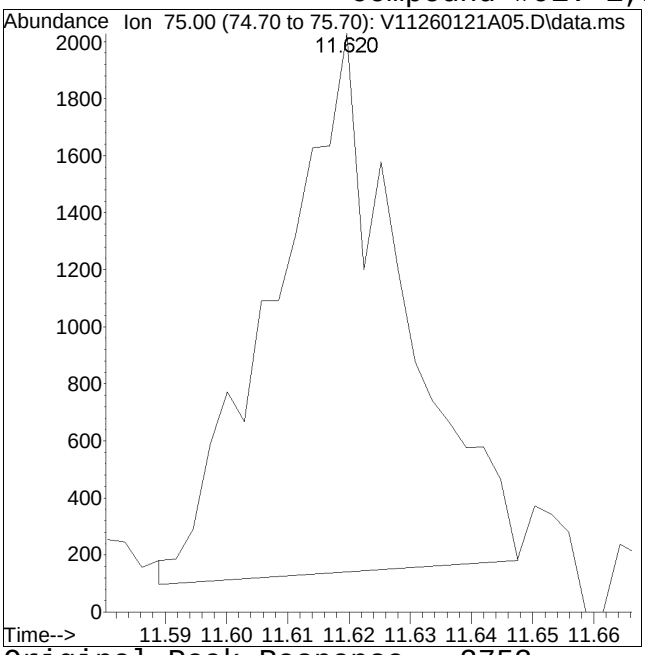


Original Peak Response = 12895 Manual Peak Response = 14219 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

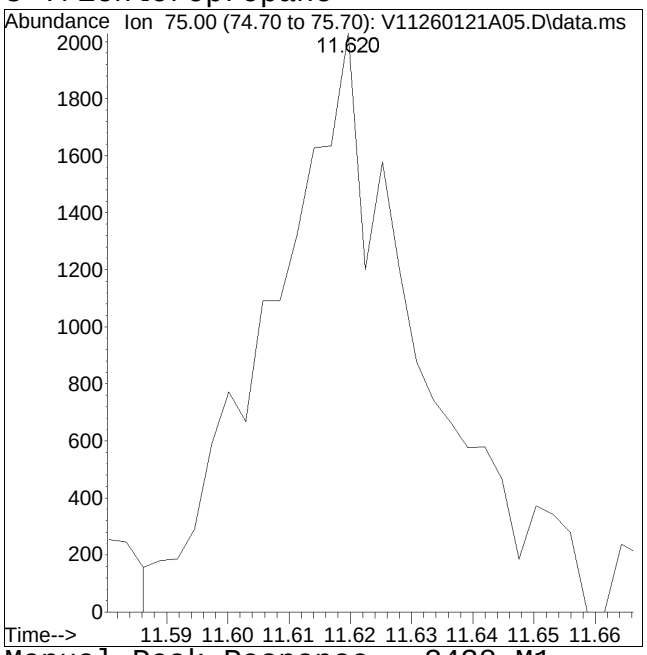
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 2753



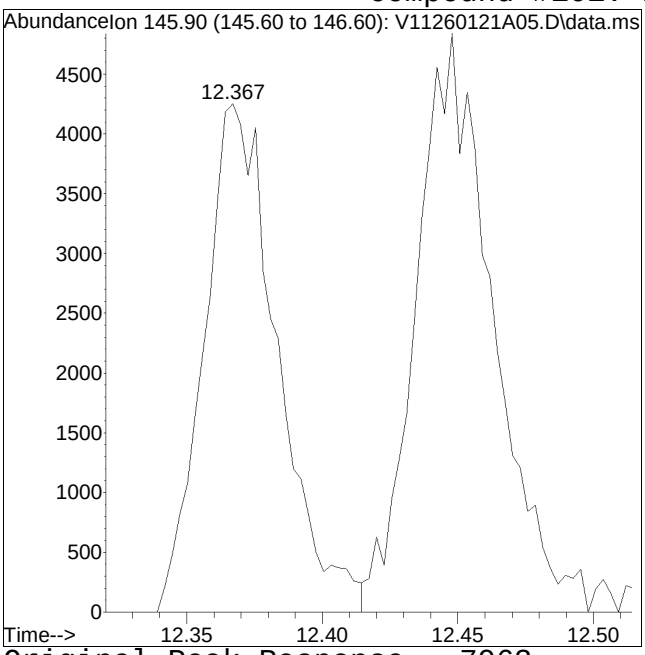
Manual Peak Response = 3438 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

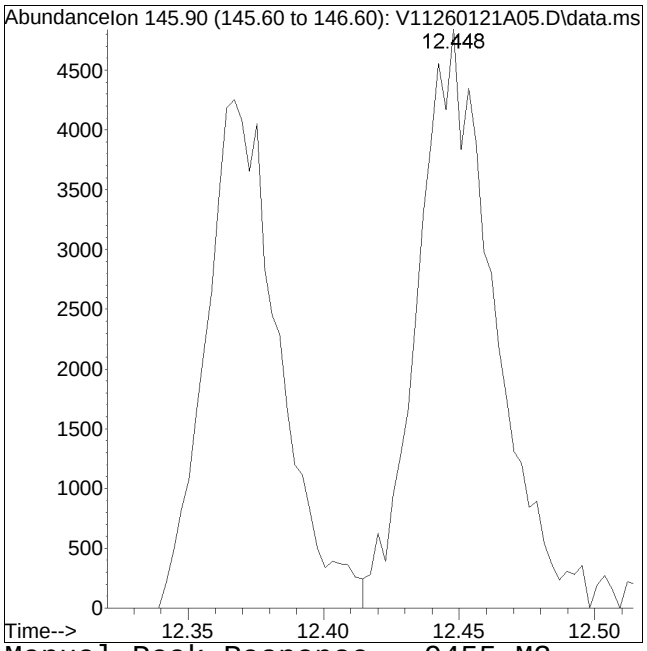
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #101: 1,4-Dichlorobenzene



Original Peak Response = 7963



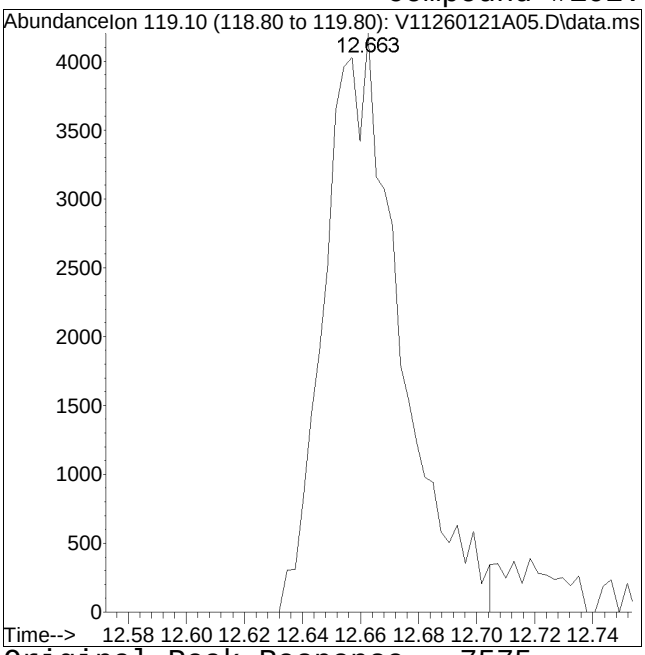
Manual Peak Response = 9455 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

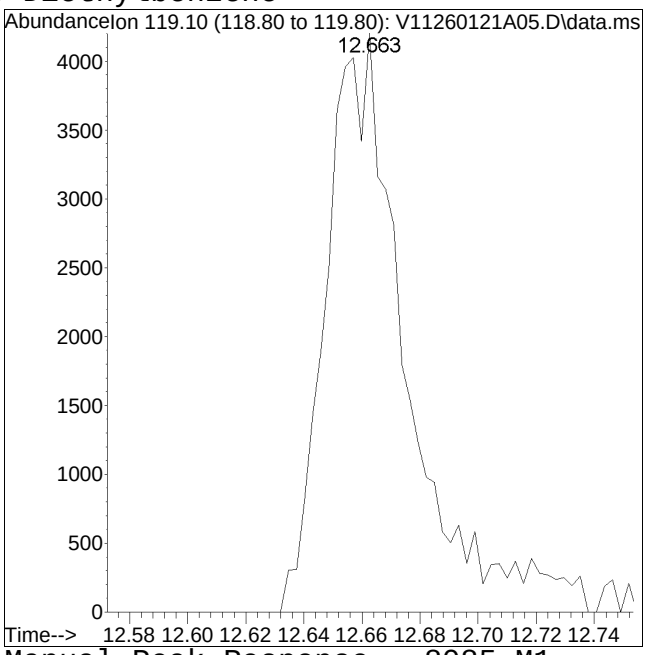
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #102: p-Diethylbenzene



Original Peak Response = 7575



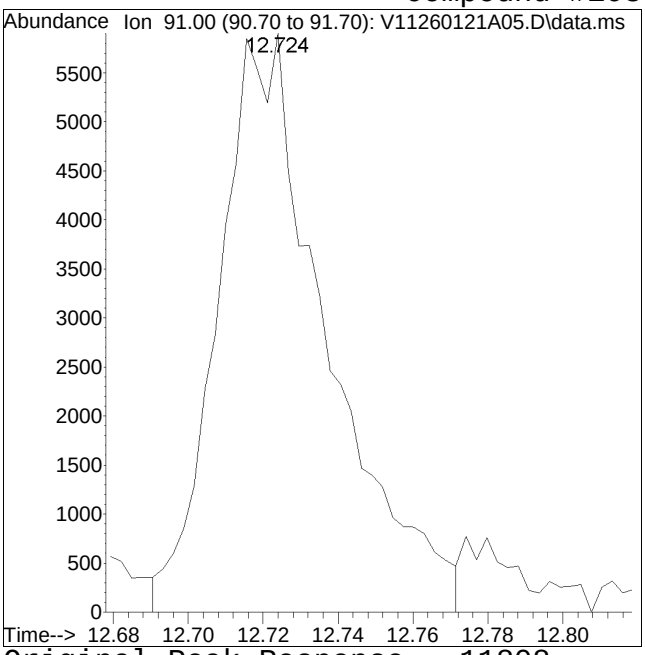
Manual Peak Response = 8085 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

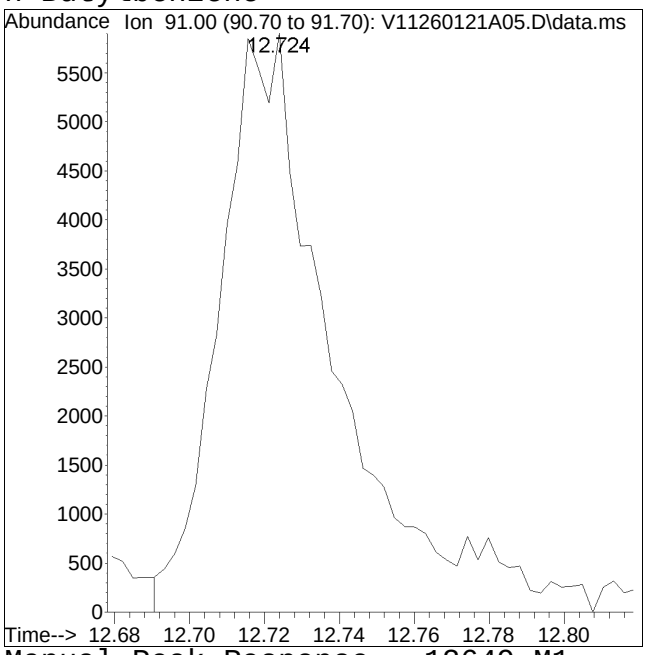
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #103: n-Butylbenzene



Original Peak Response = 11808



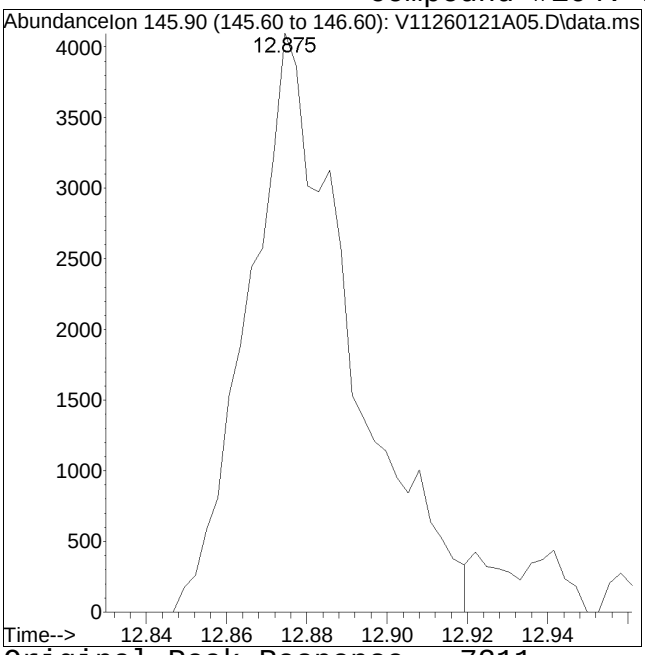
Manual Peak Response = 12649 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

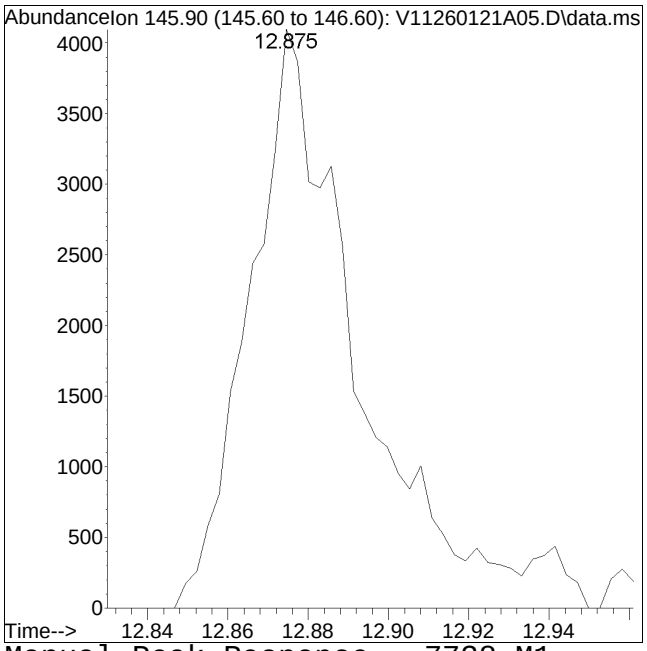
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #104: 1,2-Dichlorobenzene



Original Peak Response = 7211



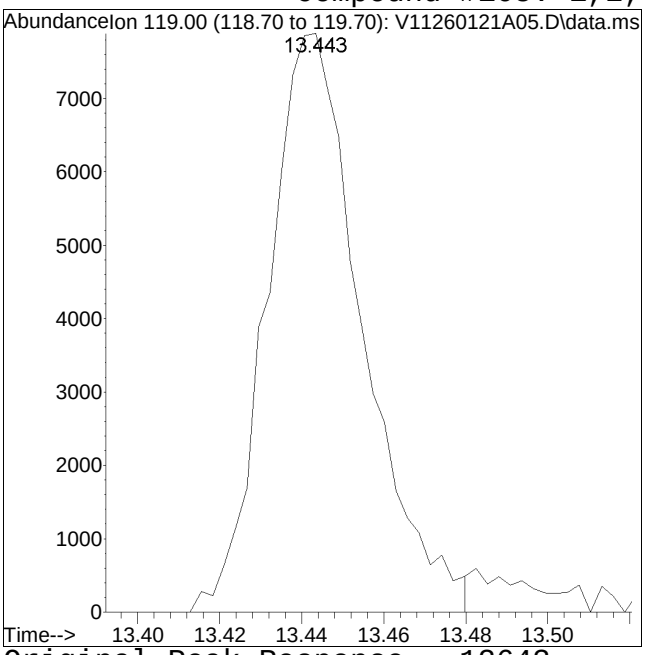
Manual Peak Response = 7738 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

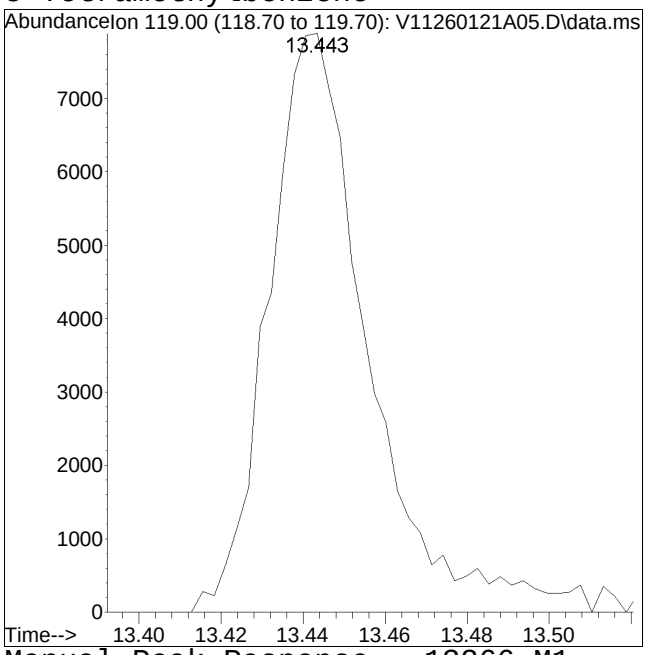
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #105: 1,2,4,5-Tetramethylbenzene



Original Peak Response = 12643



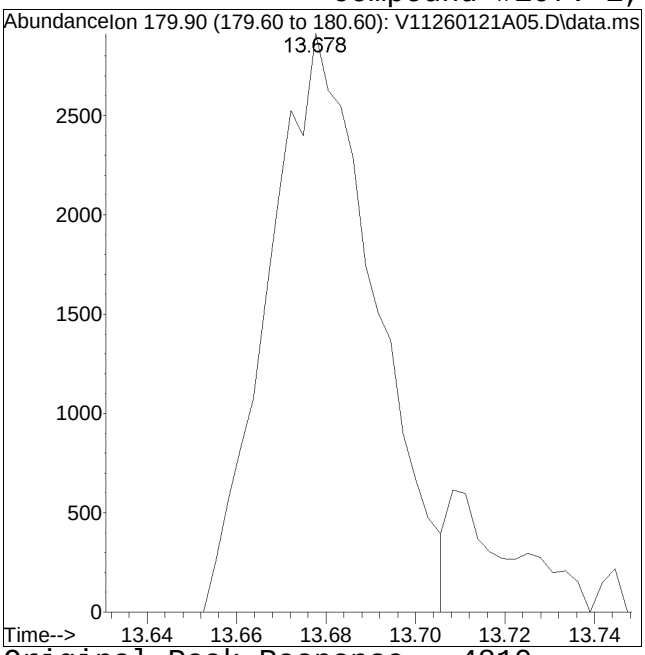
Manual Peak Response = 13266 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

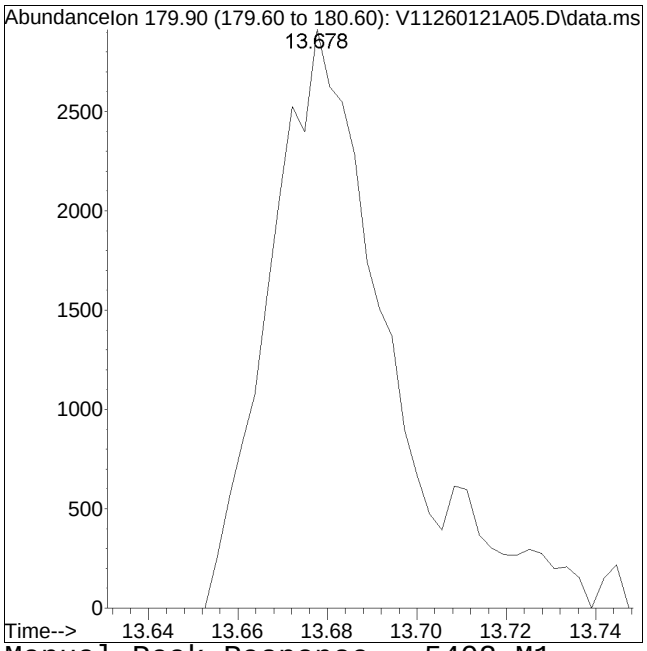
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #107: 1,3,5-Trichlorobenzene



Original Peak Response = 4810



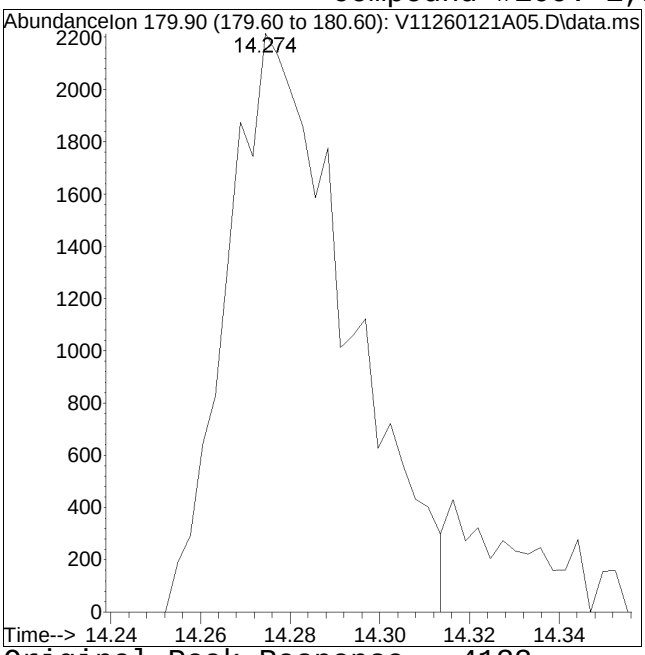
Manual Peak Response = 5402 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

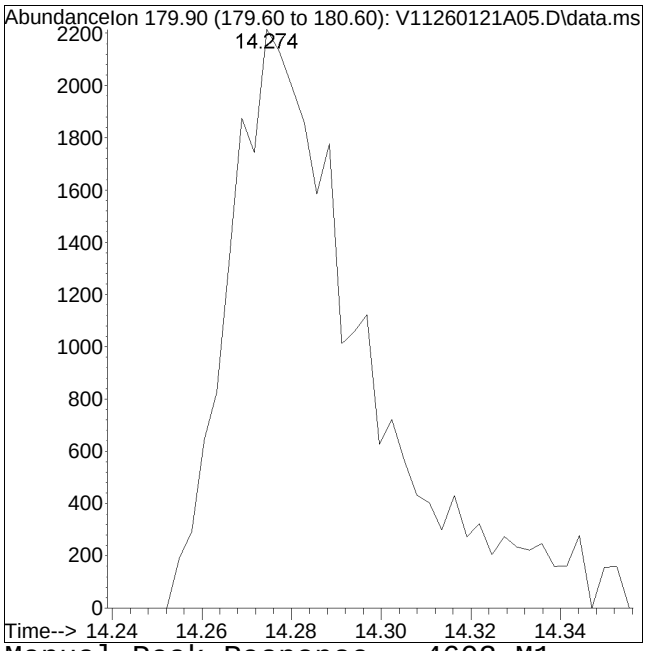
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #109: 1,2,4-Trichlorobenzene



Original Peak Response = 4133



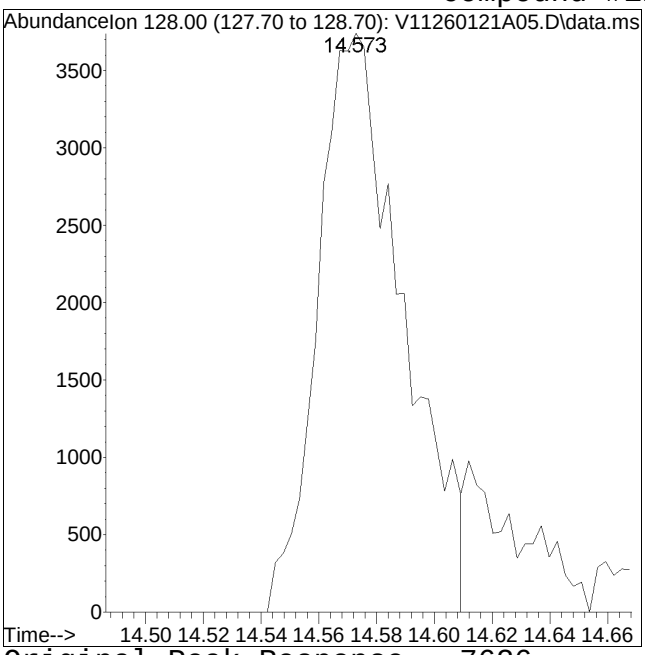
Manual Peak Response = 4603 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

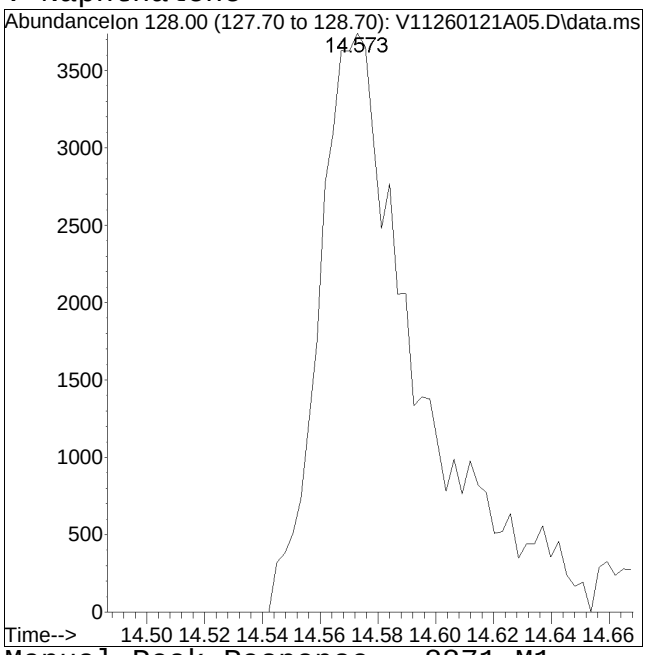
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A05.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 6:14 pm Instrument : VOA111
Sample : I8260STD1.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #110: Naphthalene



Original Peak Response = 7626



Manual Peak Response = 8871 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A07.D
Acq On : 21 Jan 2026 07:07 pm
Operator : VOA111:JIC
Sample : I8260STD2.0PPB
Misc : WG2168016,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 22 12:57:32 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.201	96	328597	20.000 ug/L	0.00
Standard Area 1 = 314816			Recovery = 104.38%		
59) Chlorobenzene-d5	9.776	117	242305	20.000 ug/L	0.00
Standard Area 1 = 240870			Recovery = 100.60%		
79) 1,4-Dichlorobenzene-d4	12.434	152	129869	20.000 ug/L	0.00
Standard Area 1 = 127427			Recovery = 101.92%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.382	113	81599	19.581 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.91%		
43) 1,2-Dichloroethane-d4	5.914	65	77984	20.228 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.14%		
60) Toluene-d8	7.916	98	314314	20.082 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.41%		
83) 4-Bromofluorobenzene	11.243	95	114488	19.260 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.30%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.656	85	8506M1	1.862 ug/L	
3) Chloromethane	1.876	50	9090M1	1.880 ug/L	
4) Vinyl chloride	1.940	62	10391M1	1.901 ug/L	
5) Bromomethane	2.269	94	8745M1	2.265 ug/L	
6) Chloroethane	2.406	64	6001	1.920 ug/L	95
7) Trichlorofluoromethane	2.548	101	11199	1.760 ug/L	99
8) Ethyl ether	2.863	74	4598	1.804 ug/L	70
10) 1,1-Dichloroethene	3.067	96	7095	1.828 ug/L	81
11) Carbon disulfide	3.103	76	29146M1	2.151 ug/L	
12) Freon-113	3.117	101	6968M1	1.810 ug/L	
14) Acrolein	0.000		0	N.D. d	
15) Methylene chloride	3.644	84	10125	2.155 ug/L	67
17) Acetone	3.714	43	3531M1	3.517 ug/L	
18) trans-1,2-Dichloroethene	3.814	96	8198	1.841 ug/L	84
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	3.898	73	24439	1.853 ug/L	91
21) tert-Butyl alcohol	3.993	59	4032M1	9.895 ug/L	
22) Diisopropyl ether	4.269	45	26748	1.858 ug/L #	93
23) 1,1-Dichloroethane	4.403	63	15676	1.955 ug/L	97
24) Halothane	4.450	117	5959	1.804 ug/L #	63
25) Acrylonitrile	0.000		0	N.D. d	

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A07.D
Acq On : 21 Jan 2026 07:07 pm
Operator : VOA111:JIC
Sample : I8260STD2.0PPB
Misc : WG2168016,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 22 12:57:32 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
26) Ethyl tert-butyl ether	4.626	59	26623	1.856 ug/L #	52
27) Vinyl acetate	0.000		0	N.D. d	
28) cis-1,2-Dichloroethene	4.933	96	9305M1	1.857 ug/L	
29) 2,2-Dichloropropane	5.036	77	12714	1.933 ug/L #	64
30) Bromochloromethane	5.139	128	4380	1.851 ug/L #	63
31) Cyclohexane	5.142	56	13708	1.938 ug/L	73
32) Chloroform	5.197	83	16542M1	2.067 ug/L	
33) Ethyl acetate	0.000		0	N.D. d	
34) Carbon tetrachloride	5.342	117	11646	1.855 ug/L	97
35) Tetrahydrofuran	0.000		0	N.D. d	
37) 1,1,1-Trichloroethane	5.407	97	13135	1.905 ug/L #	85
39) 2-Butanone	0.000		0	N.D. d	
40) 1,1-Dichloropropene	5.538	75	10885	1.931 ug/L	96
41) Benzene	5.789	78	32808	1.876 ug/L #	84
42) tert-Amyl methyl ether	5.892	73	23917	1.833 ug/L #	69
44) 1,2-Dichloroethane	5.987	62	10894	1.902 ug/L	92
47) Methyl cyclohexane	6.383	83	13759	1.848 ug/L #	73
48) Trichloroethene	6.397	95	8949M1	1.920 ug/L	
50) Dibromomethane	6.843	93	5224M1	1.897 ug/L	
51) 1,2-Dichloropropane	6.943	63	8289M1	1.799 ug/L	
53) 2-Chloroethyl vinyl ether	7.671	63	2587M1	1.248 ug/L	
54) Bromodichloromethane	7.005	83	11934M1	1.822 ug/L	
57) 1,4-Dioxane	7.244	88	1752M1	61.861 ug/L	
58) cis-1,3-Dichloropropene	7.716	75	13165M1	1.703 ug/L	
61) Toluene	7.975	92	20941	1.961 ug/L	95
62) 4-Methyl-2-pentanone	0.000		0	N.D. d	
63) Tetrachloroethene	8.435	166	9568M1	2.093 ug/L	
65) trans-1,3-Dichloropropene	8.474	75	11481M1	1.758 ug/L	
67) Ethyl methacrylate	8.675	69	5881M1	1.174 ug/L	
68) 1,1,2-Trichloroethane	8.647	83	5826	1.835 ug/L	89
69) Chlorodibromomethane	8.856	129	8378M1	1.738 ug/L	
70) 1,3-Dichloropropane	8.973	76	12039M1	1.890 ug/L	
71) 1,2-Dibromoethane	9.152	107	6642M1	1.752 ug/L	
72) 2-Hexanone	0.000		0	N.D. d	
73) Chlorobenzene	9.793	112	24489	1.962 ug/L	92
74) Ethylbenzene	9.843	91	42331	2.047 ug/L	99
75) 1,1,1,2-Tetrachloroethane	9.871	131	8768	1.867 ug/L #	62
76) p/m Xylene	10.025	106	31702	3.922 ug/L	93
77) o Xylene	10.555	106	32643	4.059 ug/L	98
78) Styrene	10.621	104	48846	3.587 ug/L	95

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A07.D
Acq On : 21 Jan 2026 07:07 pm
Operator : VOA111:JIC
Sample : I8260STD2.0PPB
Misc : WG2168016,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 22 12:57:32 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.647	173	4997	1.615	ug/L	98
82) Isopropylbenzene	10.928	105	43422	2.080	ug/L	99
84) Bromobenzene	11.363	156	10587M1	1.952	ug/L	
85) n-Propylbenzene	11.397	91	49956	2.032	ug/L	99
86) 1,4-Dichlorobutane	11.408	55	11956	1.798	ug/L	99
87) 1,1,2,2-Tetrachloroethane	11.472	83	8957	1.837	ug/L	97
88) 4-Ethyltoluene	11.522	105	42346	2.057	ug/L	99
89) 2-Chlorotoluene	11.561	91	30793M1	2.130	ug/L	
90) 1,3,5-Trimethylbenzene	11.611	105	37689M1	2.130	ug/L	
91) 1,2,3-Trichloropropane	11.611	75	6903M1	1.886	ug/L	
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
93) 4-Chlorotoluene	11.748	91	30211	1.978	ug/L	99
94) tert-Butylbenzene	11.946	119	31569	2.090	ug/L	100
97) 1,2,4-Trimethylbenzene	12.030	105	35975	2.047	ug/L	100
98) sec-Butylbenzene	12.136	105	45313	2.016	ug/L	99
99) p-Isopropyltoluene	12.284	119	39566	2.017	ug/L	98
100) 1,3-Dichlorobenzene	12.367	146	20470	2.002	ug/L	99
101) 1,4-Dichlorobenzene	12.448	146	23005	2.212	ug/L	93
102) p-Diethylbenzene	12.657	119	24300M1	2.086	ug/L	
103) n-Butylbenzene	12.716	91	35830M1	2.006	ug/L	
104) 1,2-Dichlorobenzene	12.872	146	19159M1	1.999	ug/L	
105) 1,2,4,5-Tetramethylben...	13.438	119	35700	2.061	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.642	155	1077	1.490	ug/L	96
107) 1,3,5-Trichlorobenzene	13.675	180	15511	2.154	ug/L	97
108) Hexachlorobutadiene	14.236	225	6918	2.072	ug/L	98
109) 1,2,4-Trichlorobenzene	14.275	180	12014M1	2.068	ug/L	
110) Naphthalene	14.565	128	22104M1	2.074	ug/L	
111) 1,2,3-Trichlorobenzene	14.729	180	9220	2.092	ug/L	97

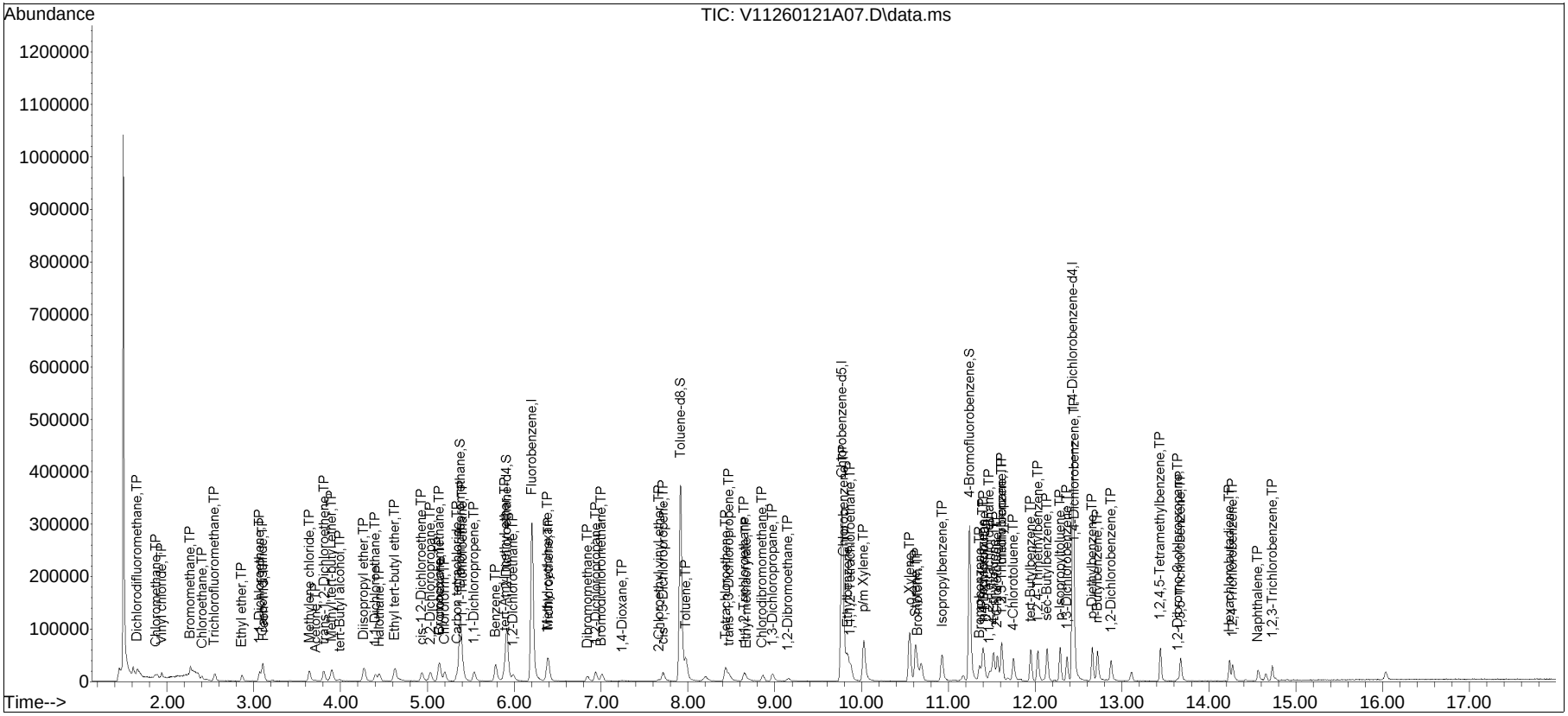
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A07.D
Acq On : 21 Jan 2026 07:07 pm
Operator : VOA111:JIC
Sample : I8260STD2.0PPB
Misc : WG2168016,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 22 12:57:32 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

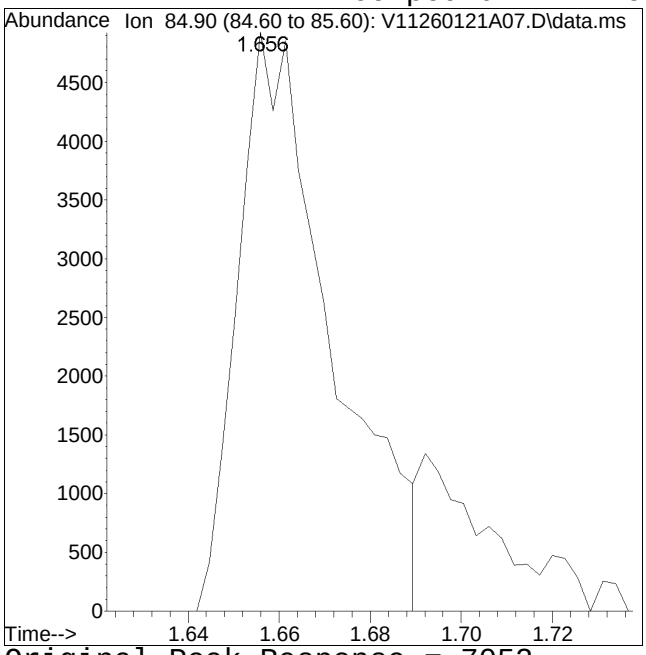
Sub List : 8260-CurveSoil - Megamix plus Diox60121A11.D•

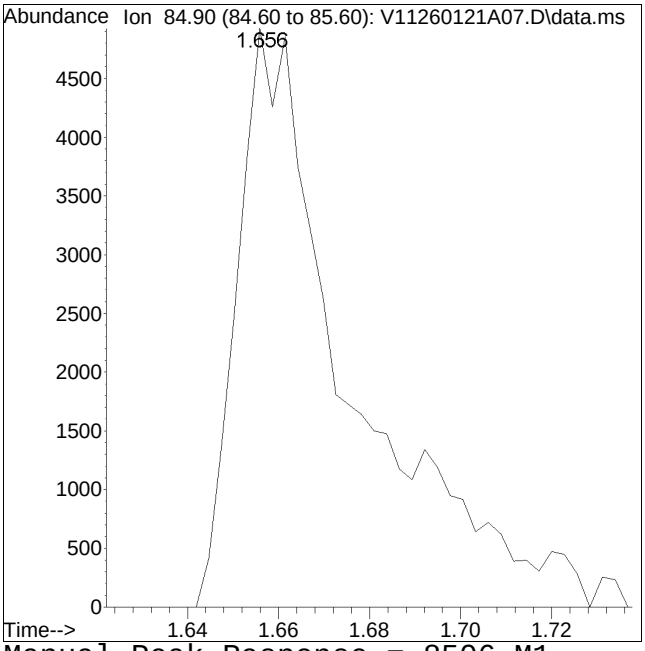


Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #2: Dichlorodifluoromethane



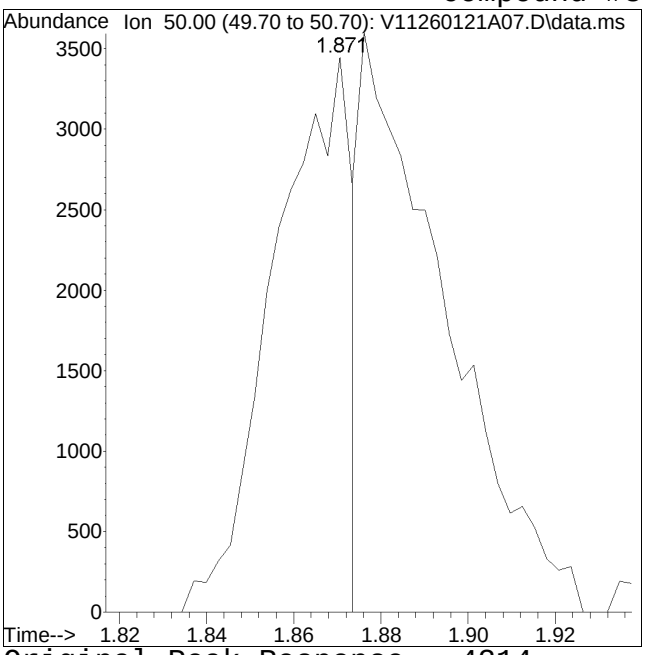


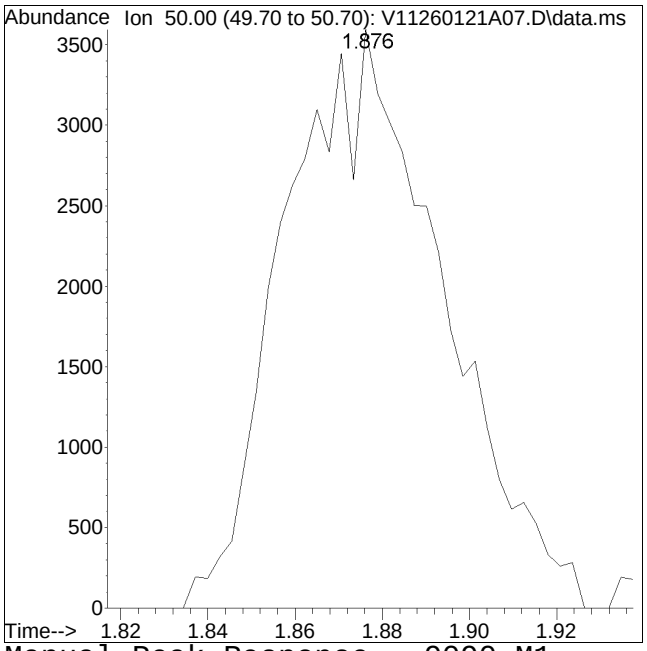
Original Peak Response = 7052 Manual Peak Response = 8506 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #3: Chloromethane



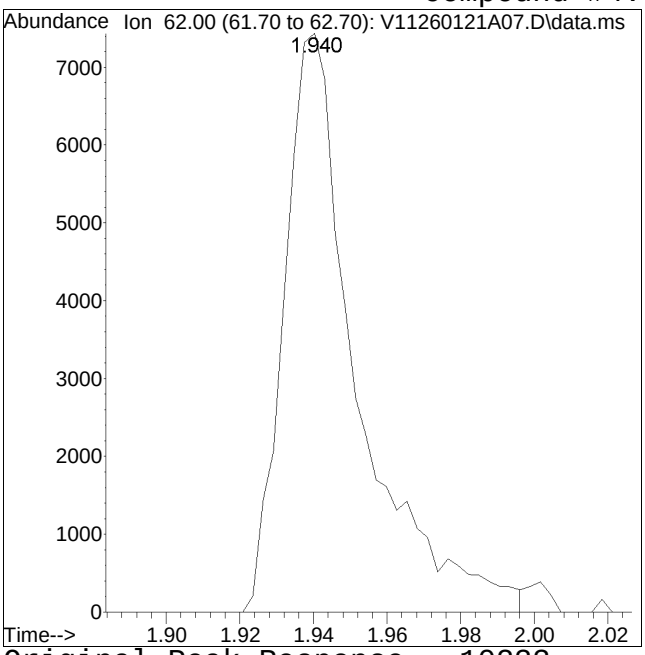


Original Peak Response = 4214 Manual Peak Response = 9090 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

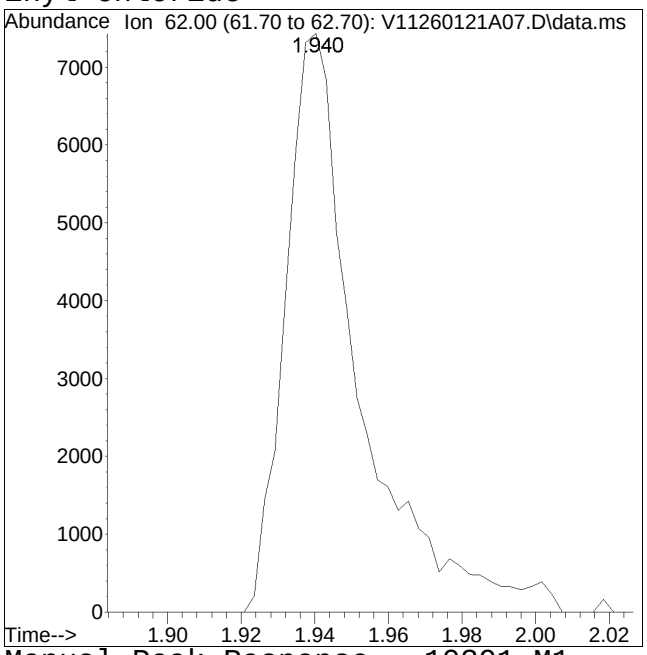
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #4: Vinyl chloride



Original Peak Response = 10233



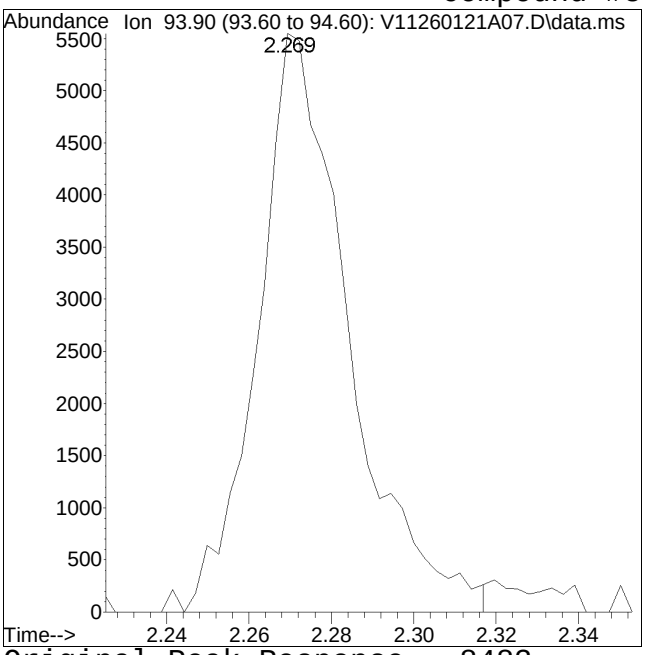
Manual Peak Response = 10391 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

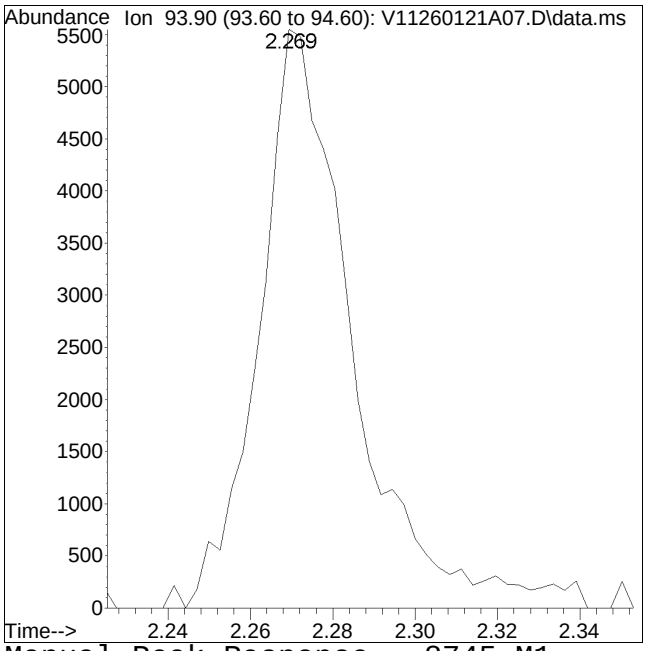
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #5: Bromomethane



Original Peak Response = 8483



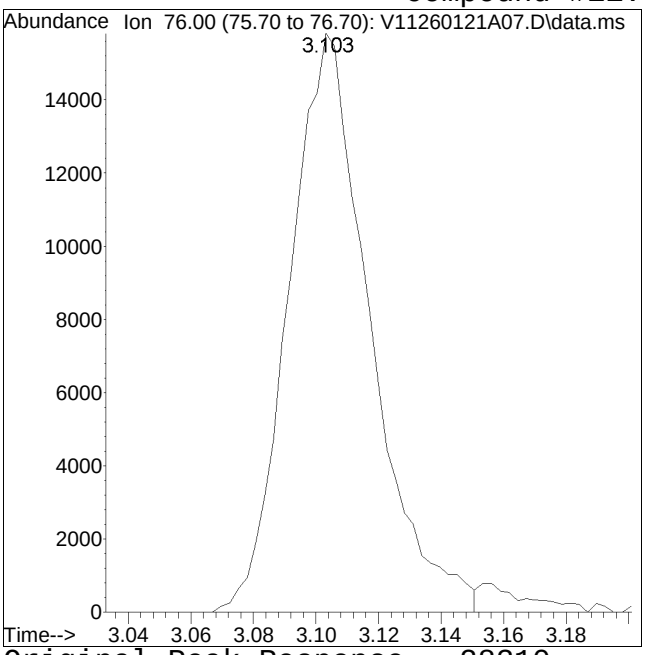
Manual Peak Response = 8745 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

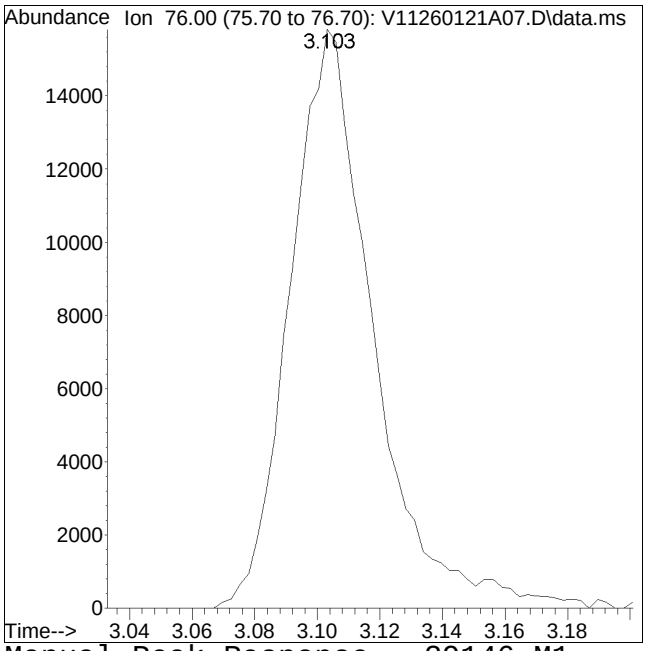
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #11: Carbon disulfide



Original Peak Response = 28310



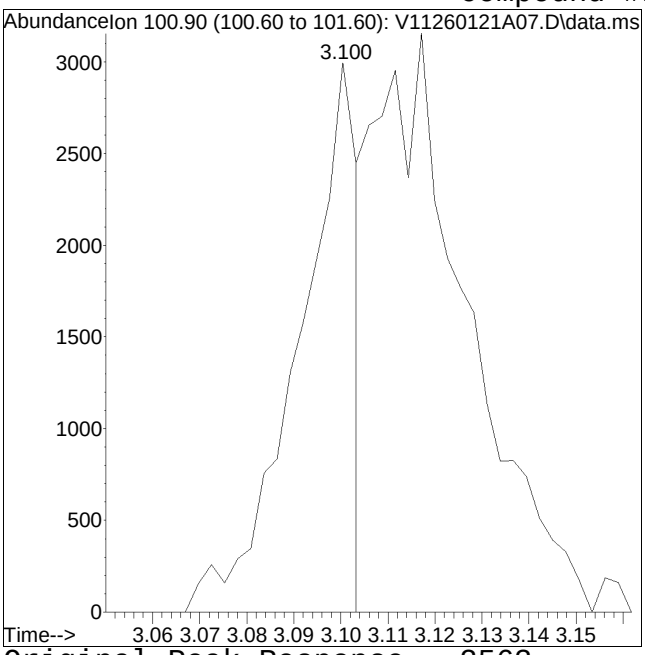
Manual Peak Response = 29146 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

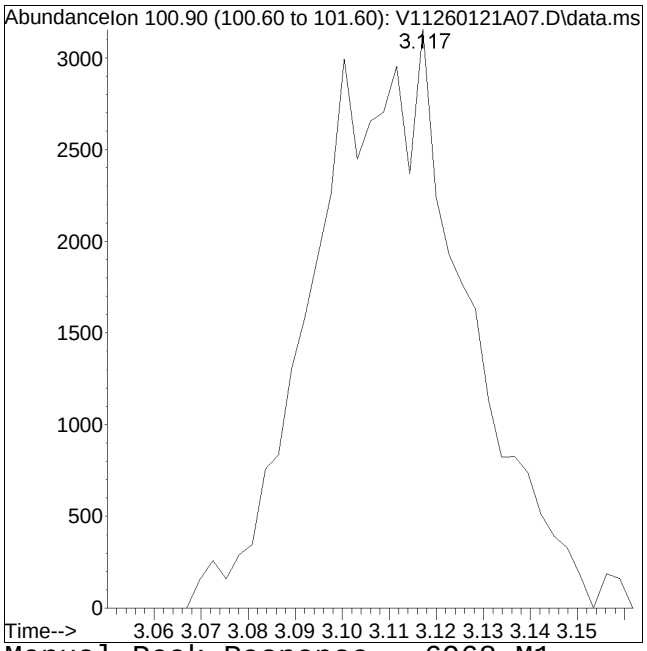
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #12: Freon-113



Original Peak Response = 2563



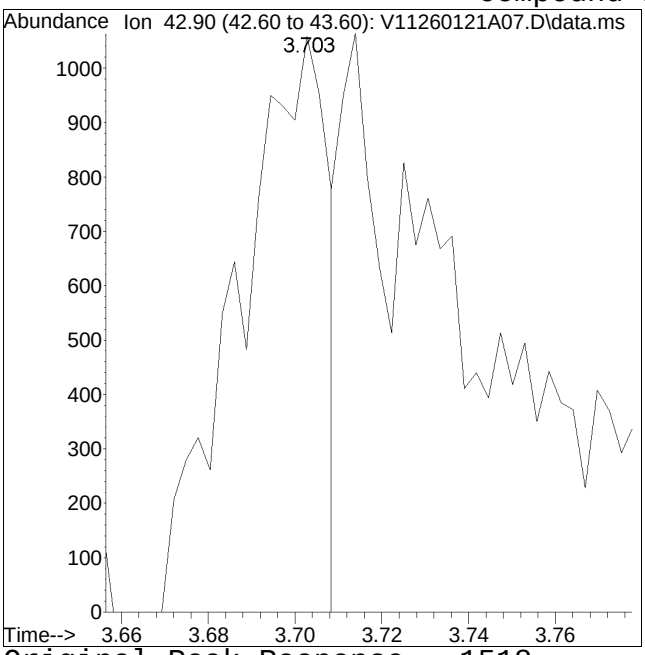
Manual Peak Response = 6968 M1

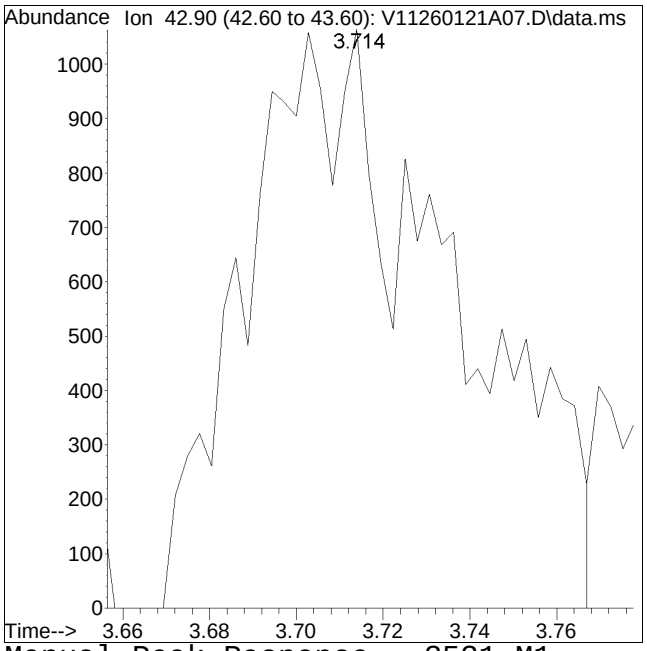
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #17: Acetone





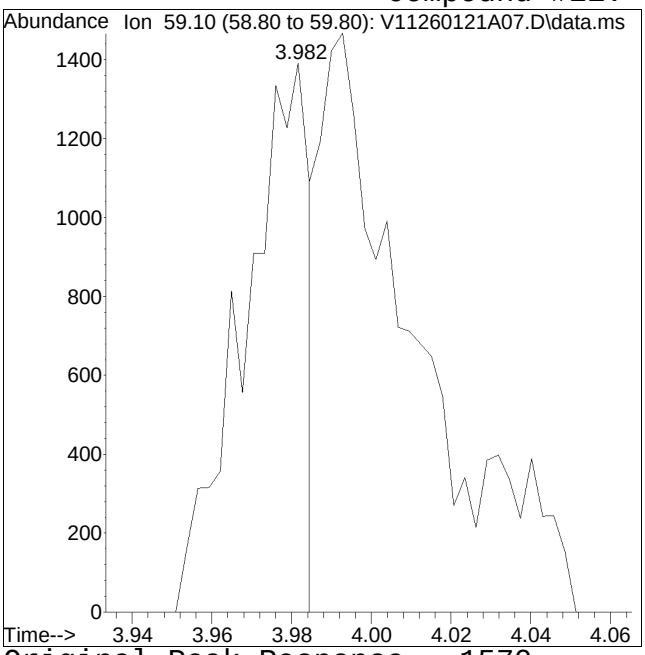
Original Peak Response = 1518 Manual Peak Response = 3531 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

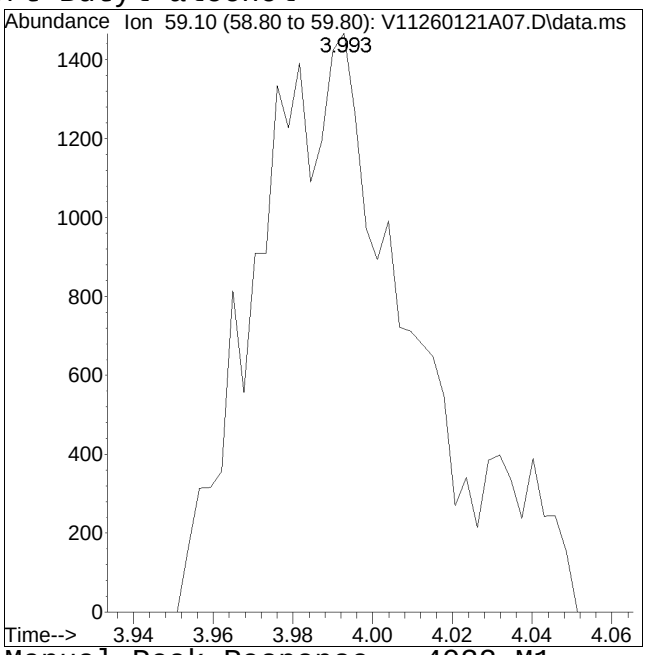
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #21: tert-Butyl alcohol



Original Peak Response = 1570



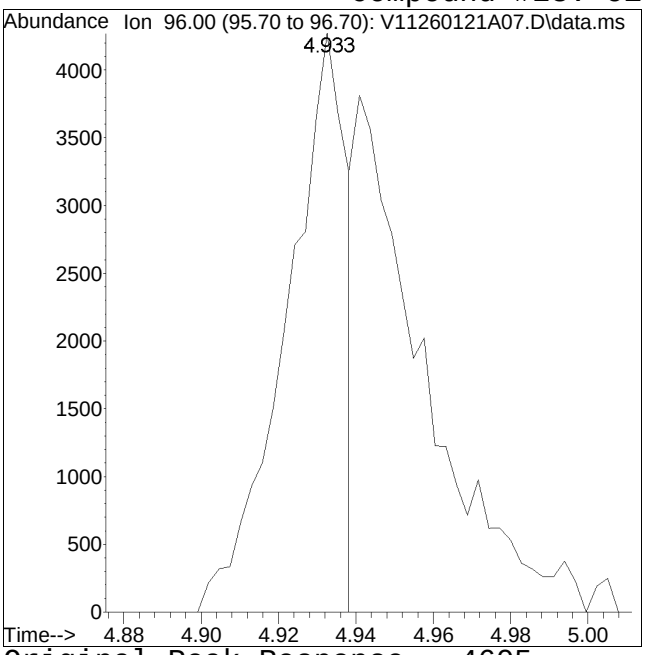
Manual Peak Response = 4032 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

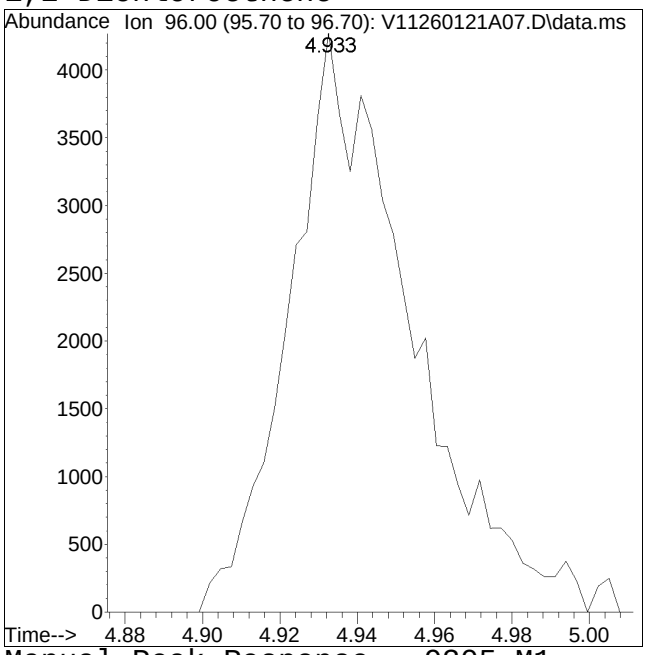
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #28: cis-1,2-Dichloroethene



Original Peak Response = 4605



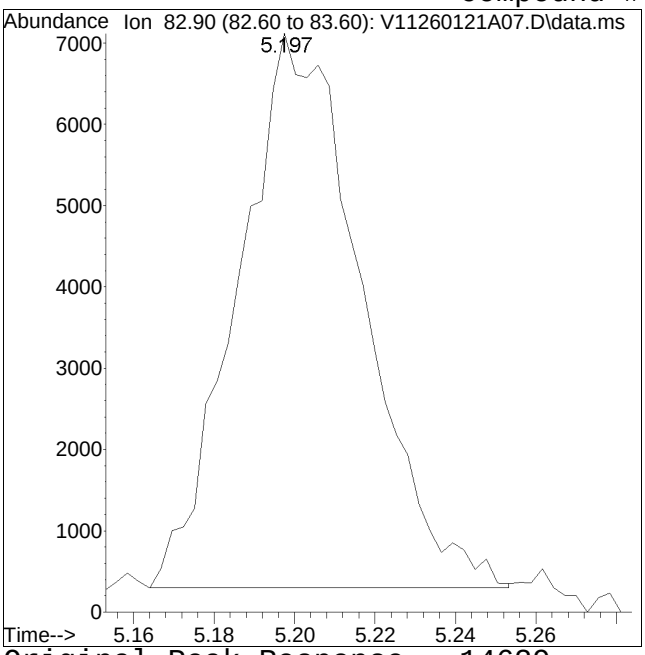
Manual Peak Response = 9305 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

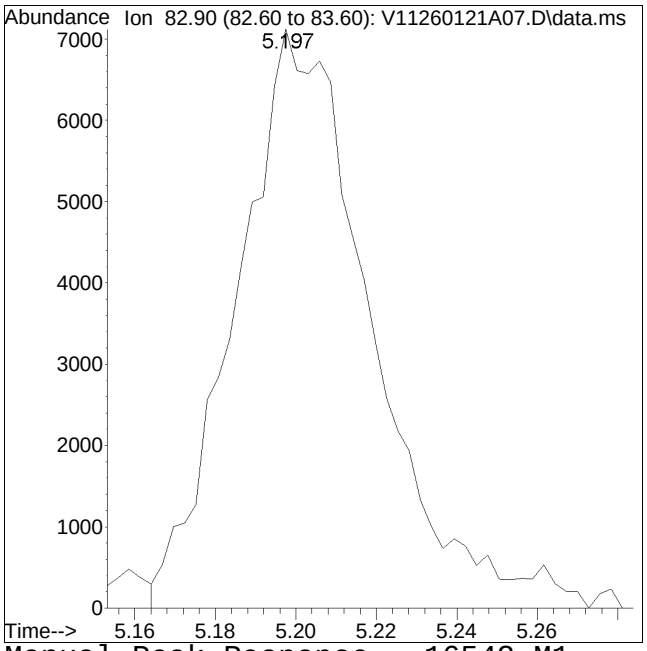
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #32: Chloroform



Original Peak Response = 14629



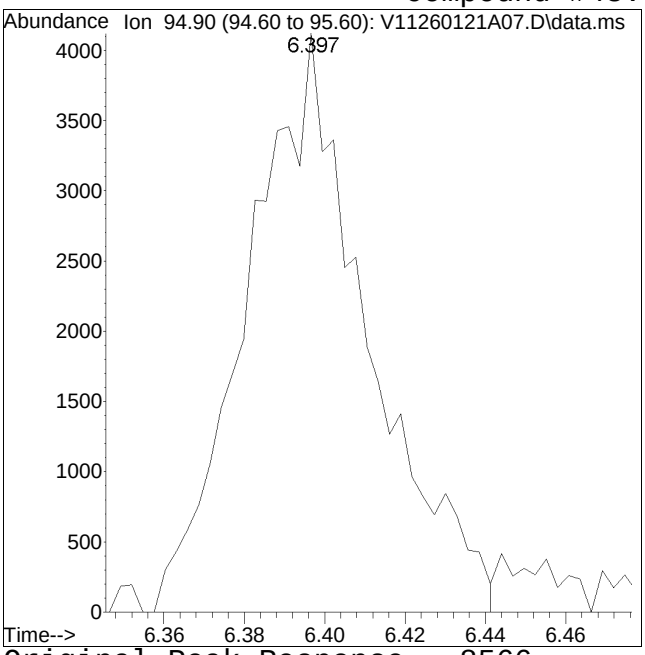
Manual Peak Response = 16542 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

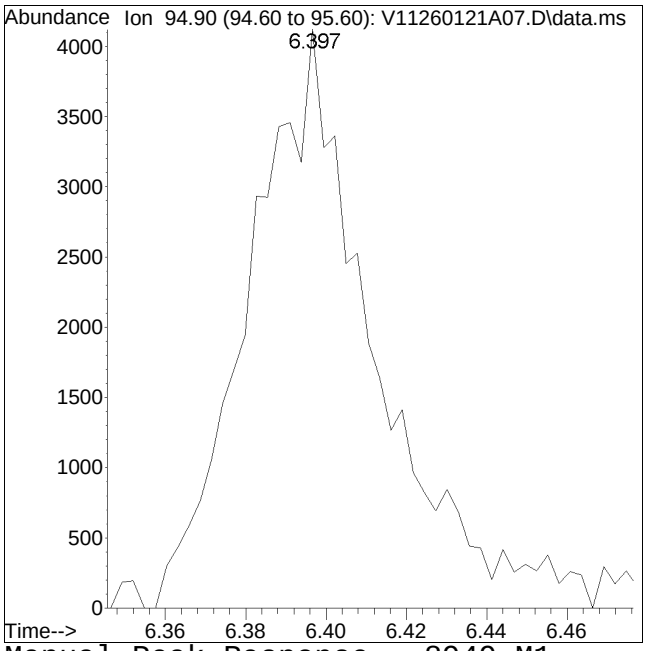
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #48: Trichloroethene



Original Peak Response = 8566



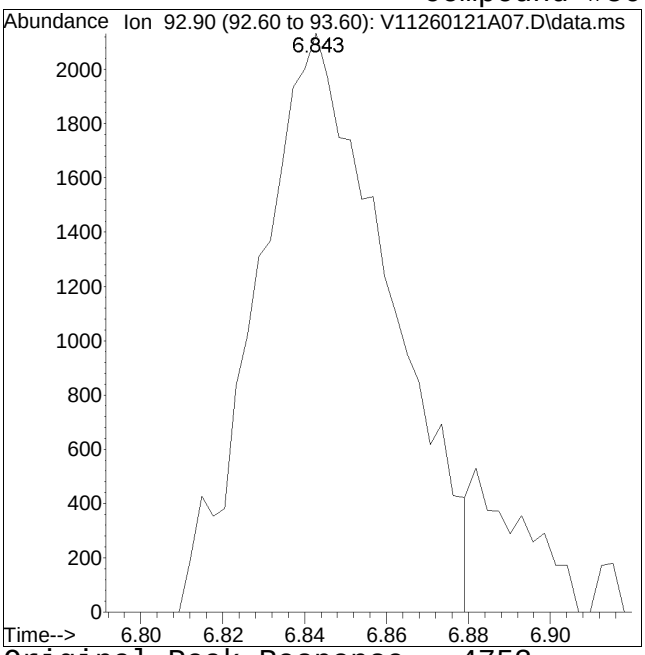
Manual Peak Response = 8949 M1

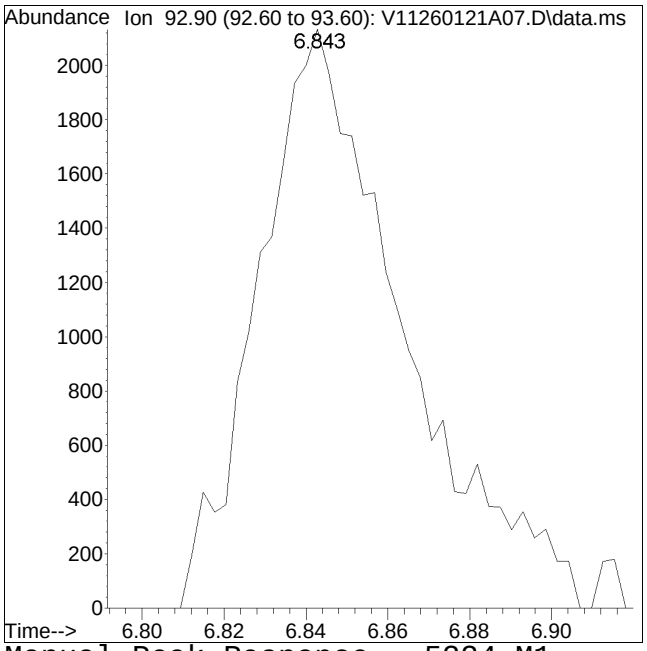
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #50: Dibromomethane





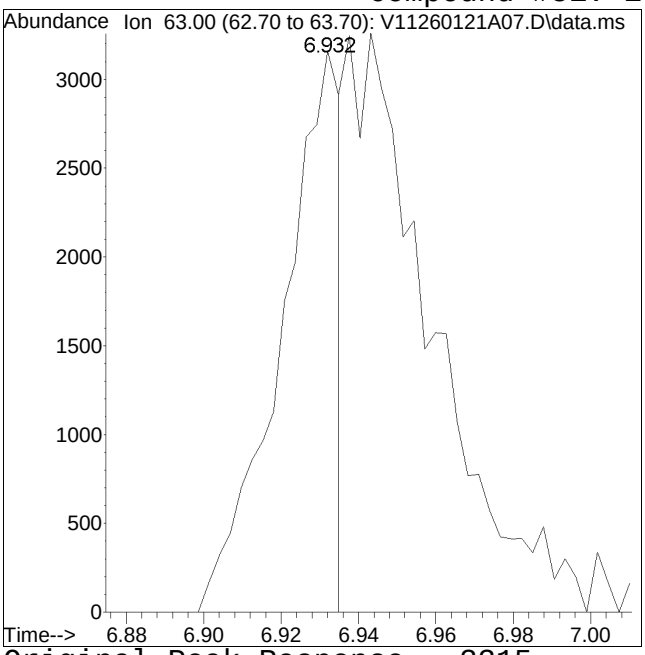
Original Peak Response = 4753 Manual Peak Response = 5224 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

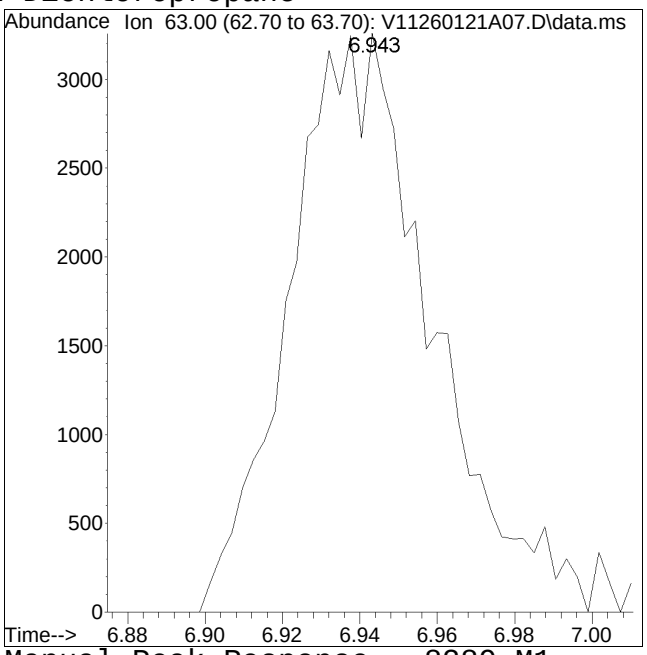
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #51: 1,2-Dichloropropane



Original Peak Response = 3315



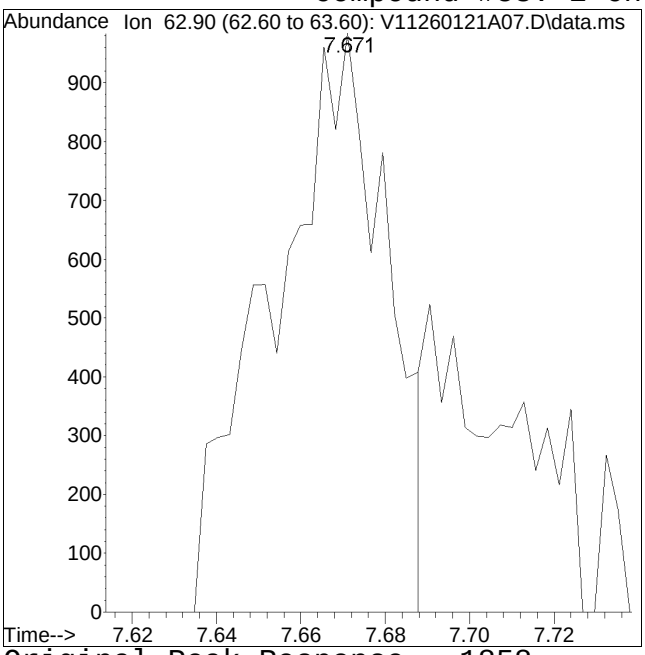
Manual Peak Response = 8289 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

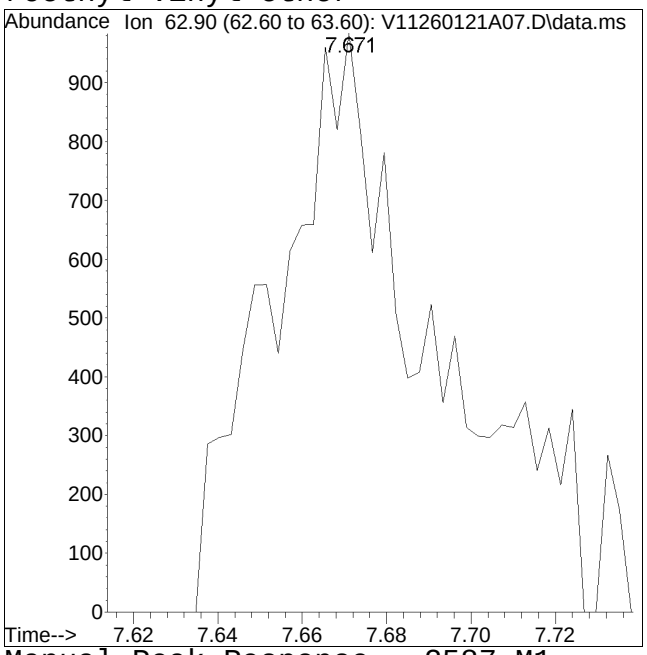
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #53: 2-Chloroethyl vinyl ether



Original Peak Response = 1858



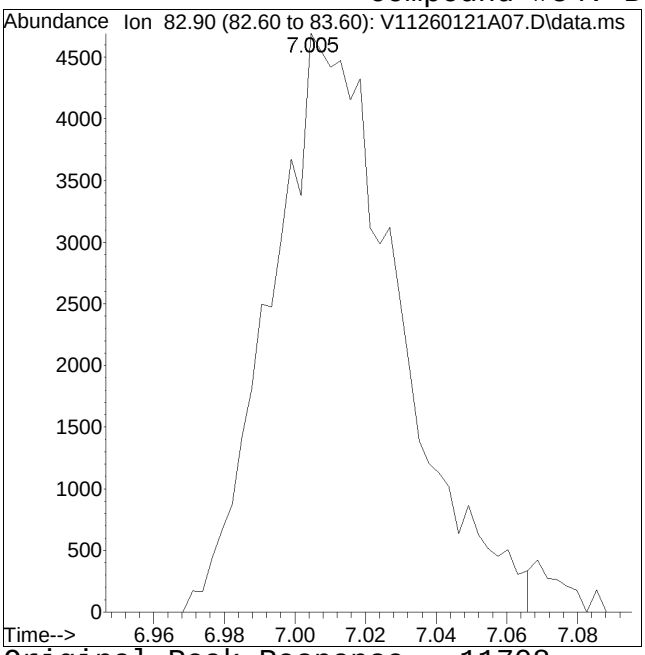
Manual Peak Response = 2587 M1

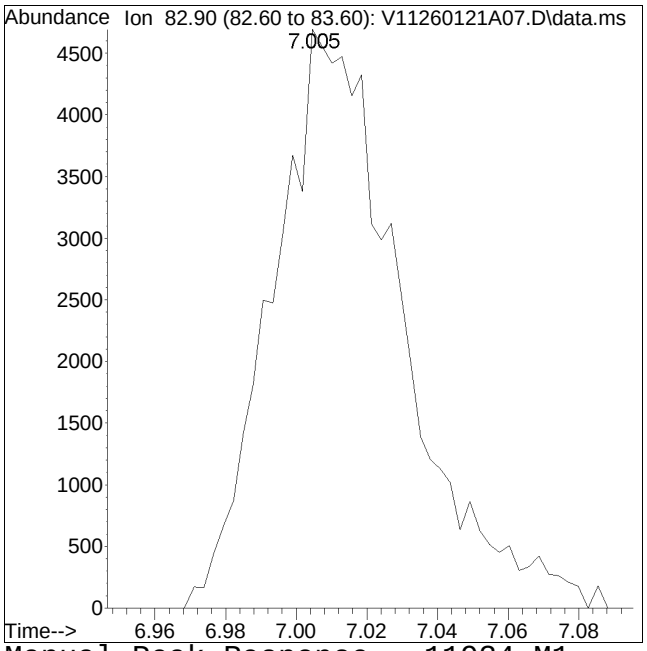
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #54: Bromodichloromethane



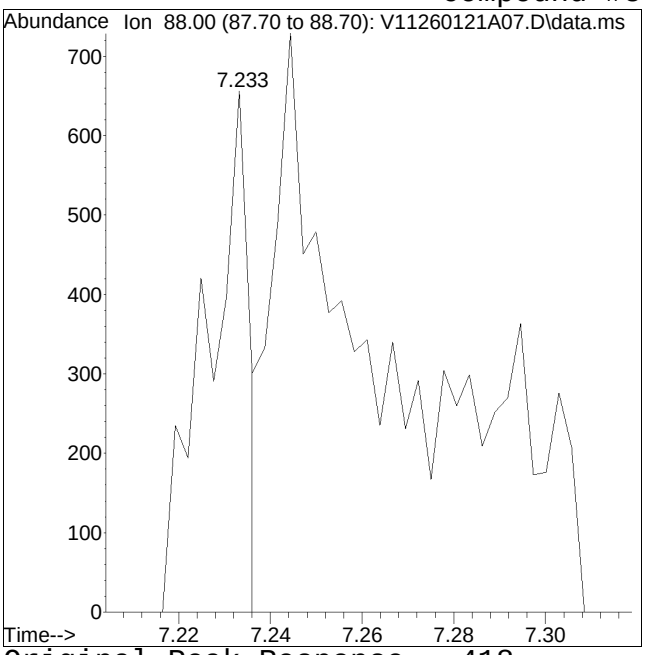


Original Peak Response = 11708 Manual Peak Response = 11934 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

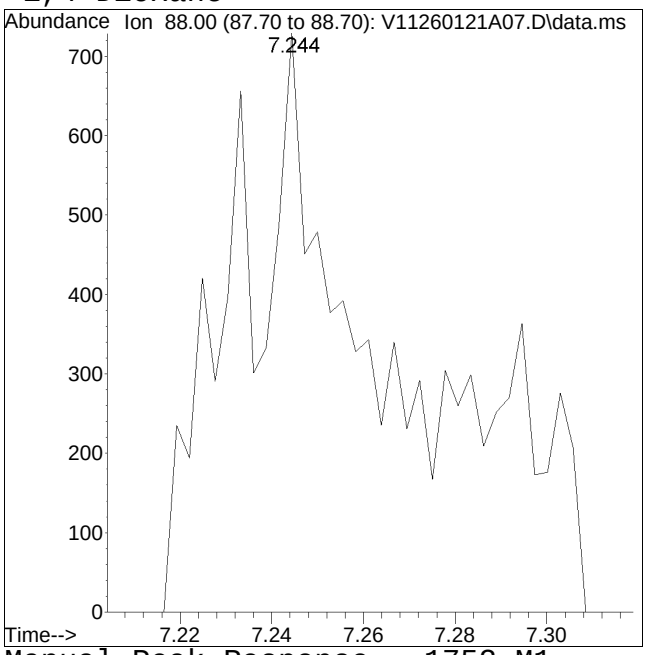
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 418



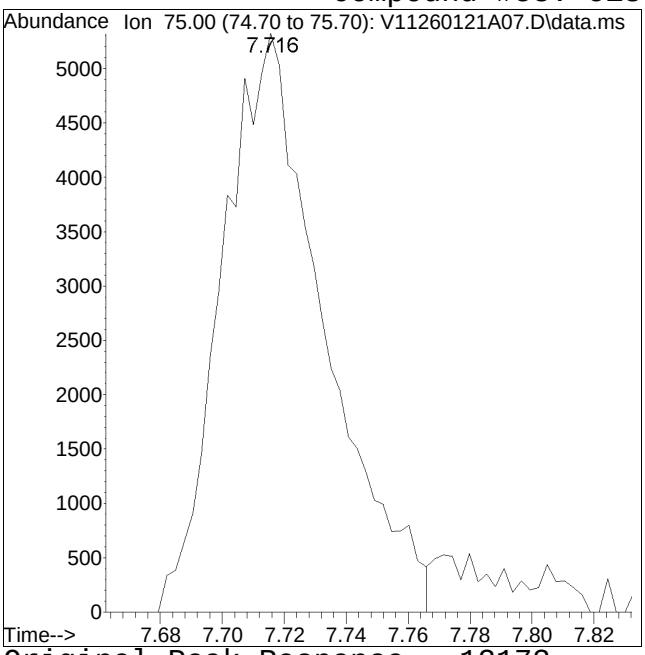
Manual Peak Response = 1752 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

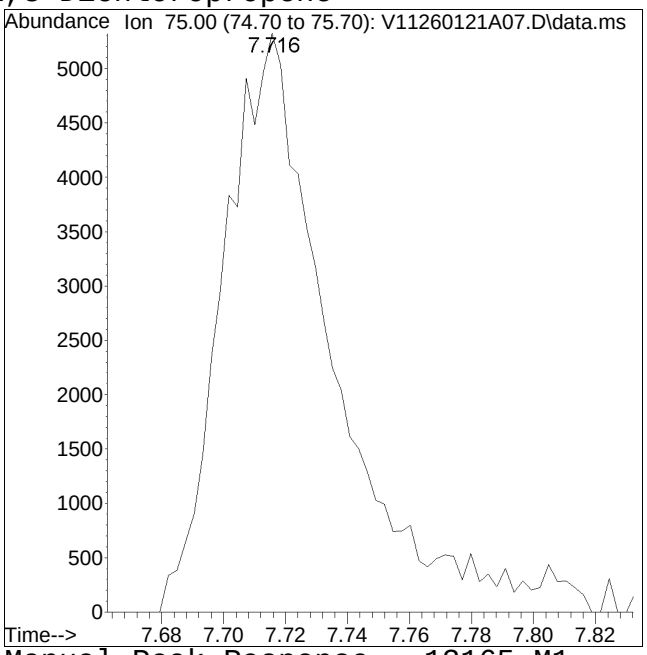
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #58: cis-1,3-Dichloropropene



Original Peak Response = 12173



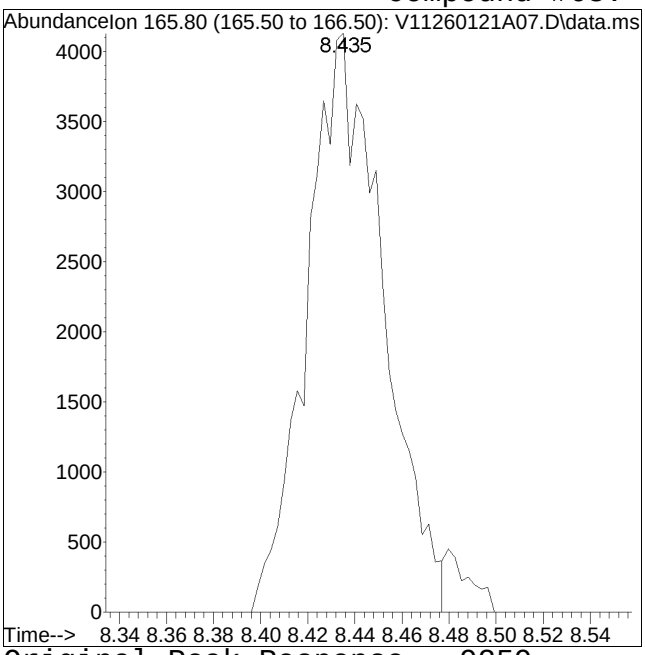
Manual Peak Response = 13165 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

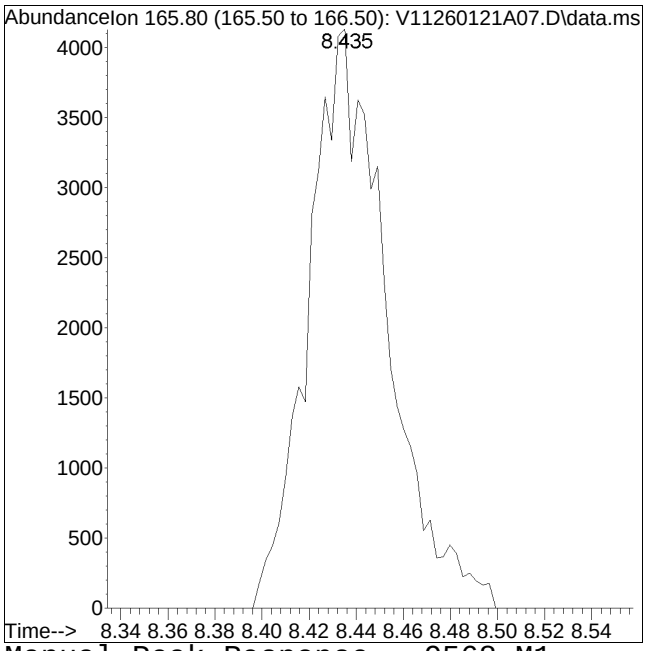
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #63: Tetrachloroethene



Original Peak Response = 9259



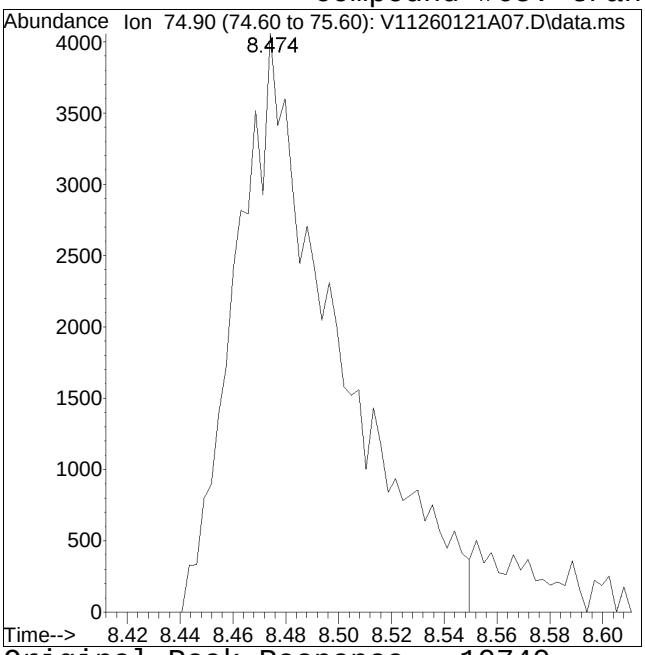
Manual Peak Response = 9568 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

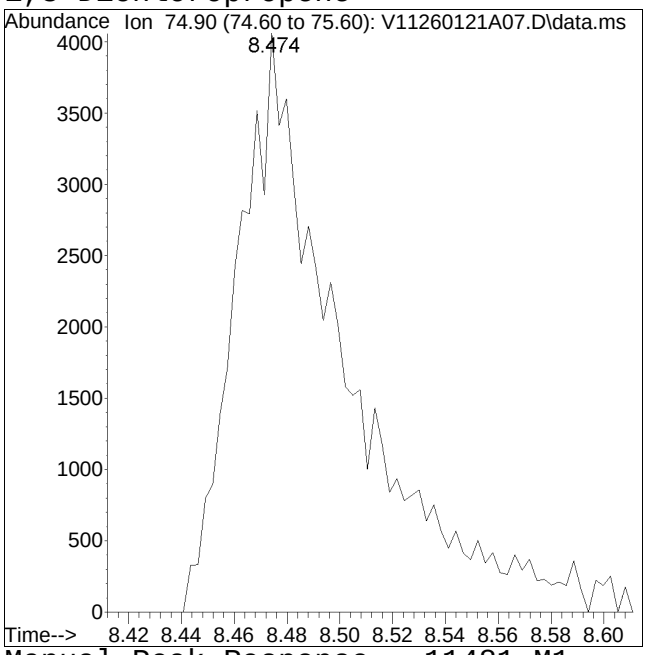
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #65: trans-1,3-Dichloropropene



Original Peak Response = 10740



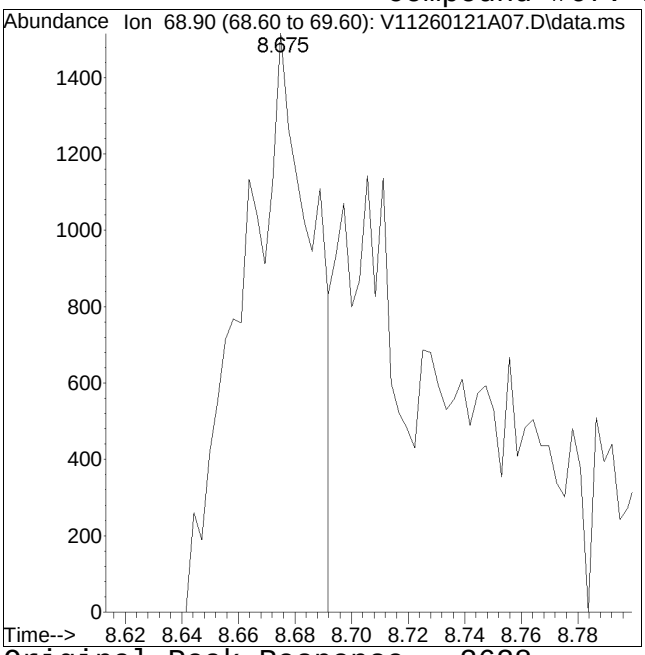
Manual Peak Response = 11481 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

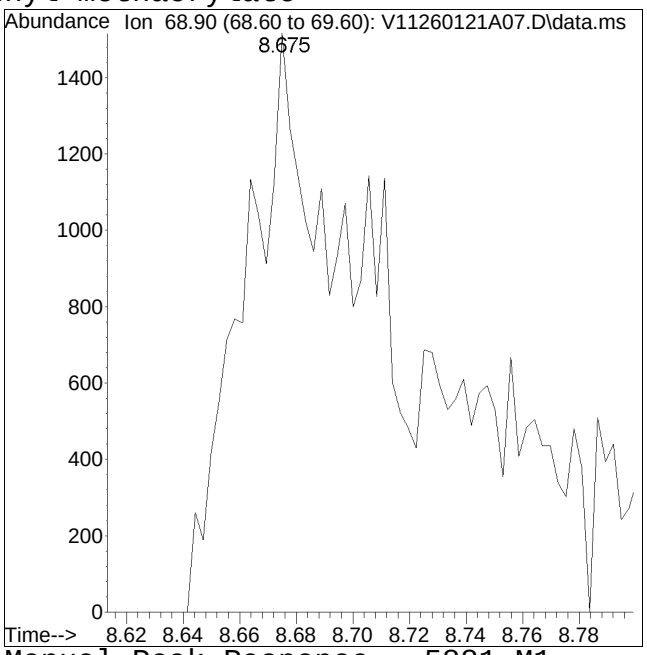
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #67: Ethyl methacrylate



Original Peak Response = 2628



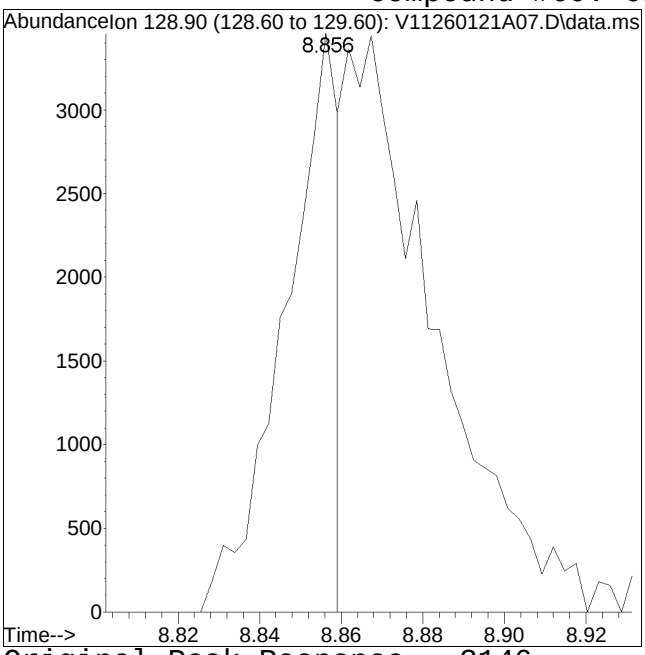
Manual Peak Response = 5881 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

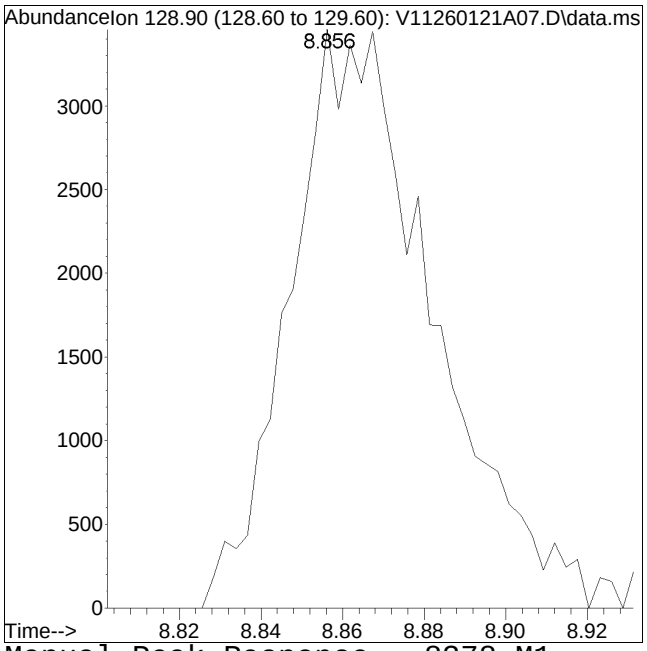
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #69: Chlorodibromomethane



Original Peak Response = 3146



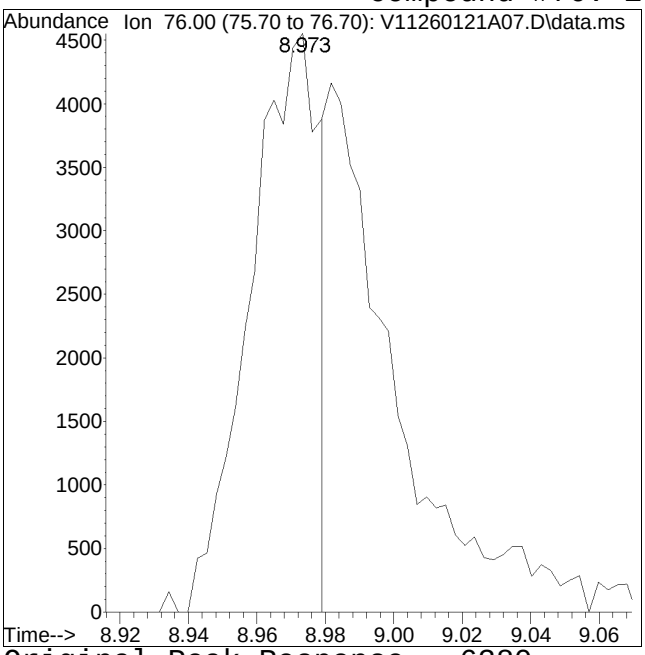
Manual Peak Response = 8378 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

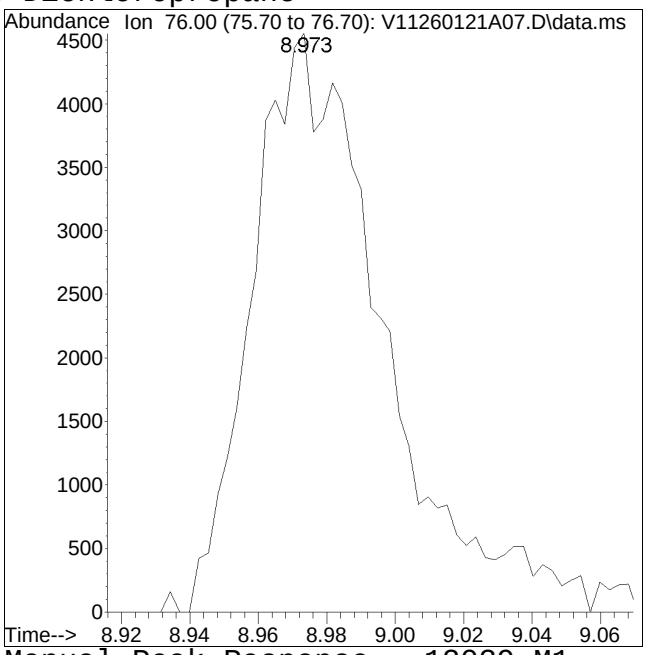
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #70: 1,3-Dichloropropane



Original Peak Response = 6380



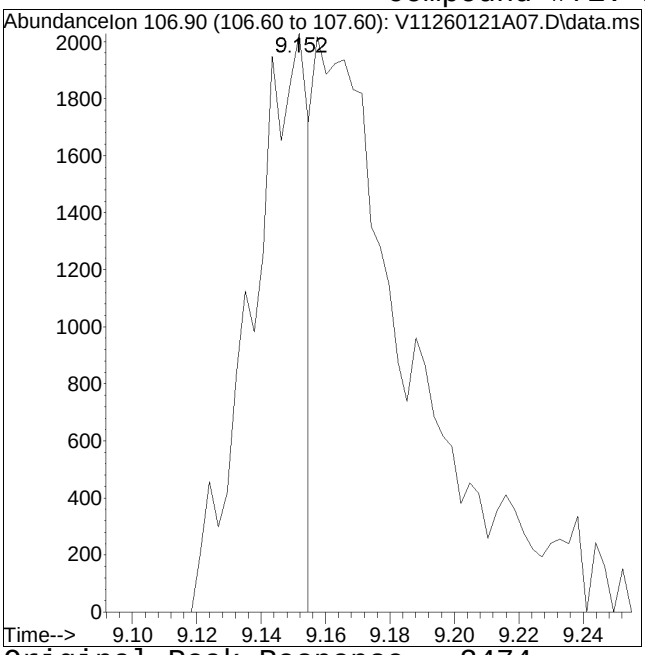
Manual Peak Response = 12039 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

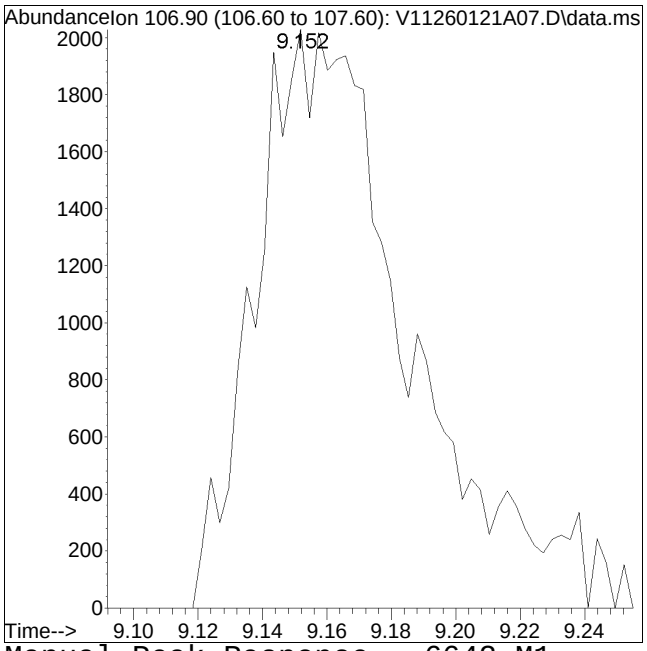
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #71: 1,2-Dibromoethane



Original Peak Response = 2474



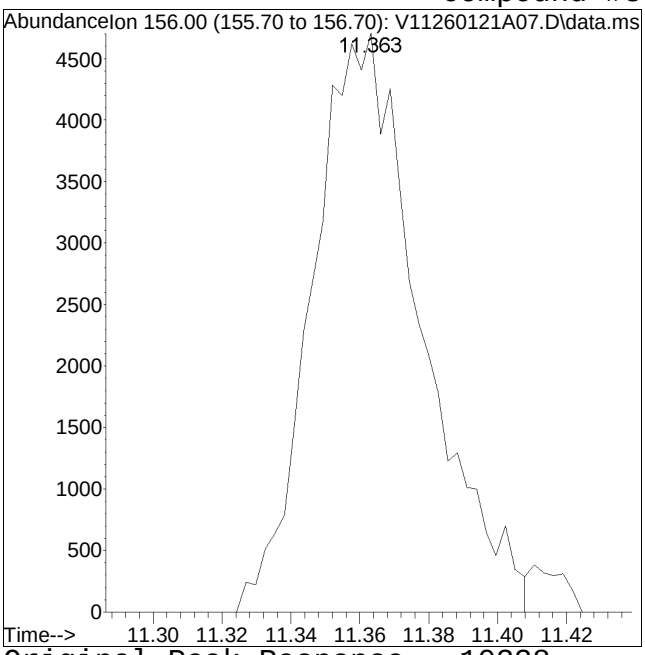
Manual Peak Response = 6642 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

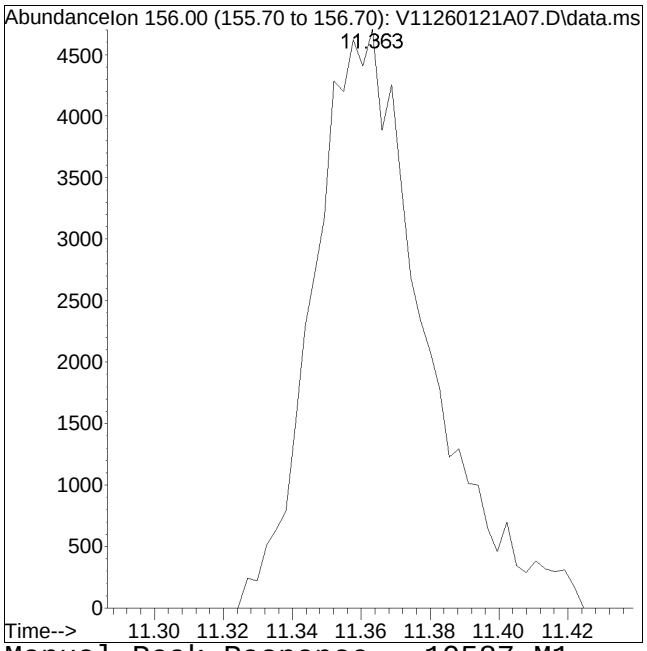
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #84: Bromobenzene



Original Peak Response = 10338



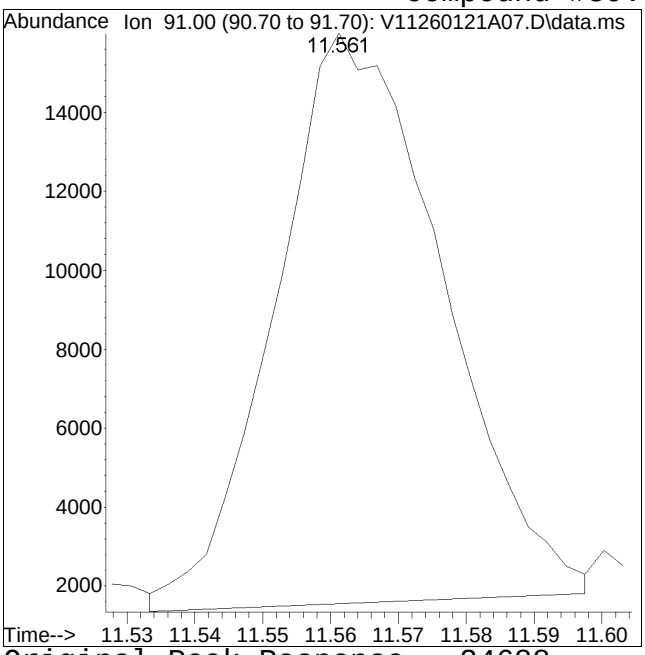
Manual Peak Response = 10587 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

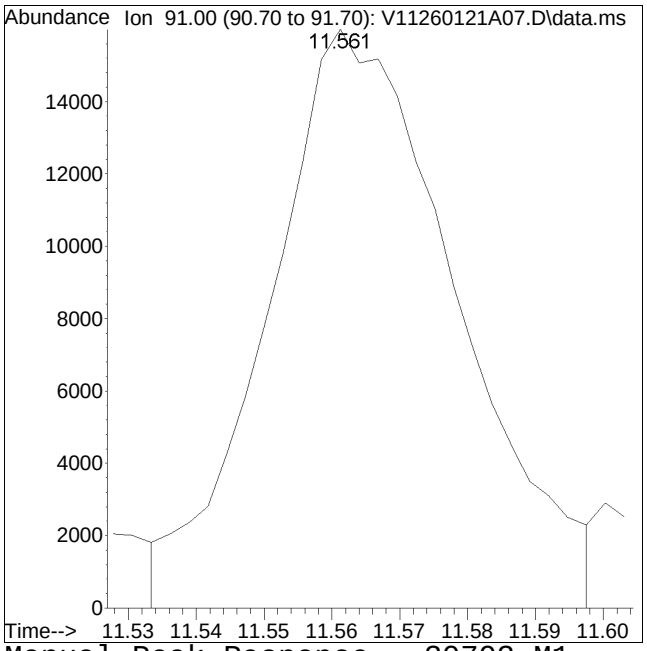
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 24688



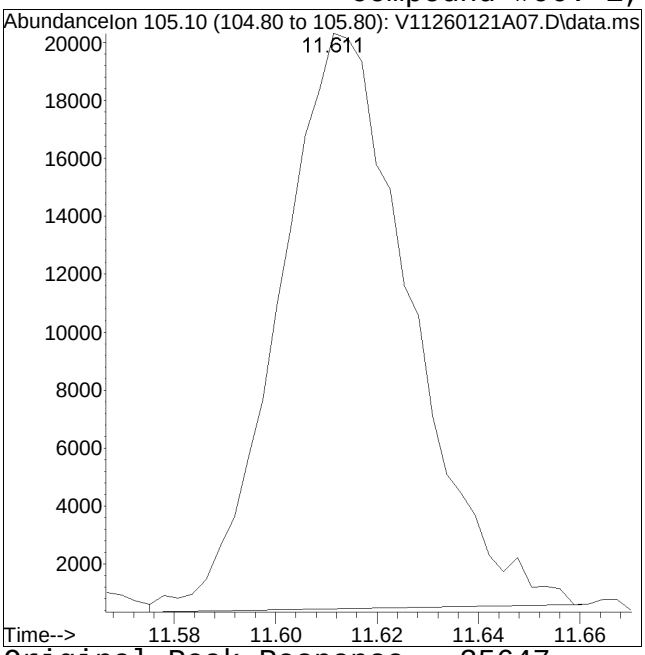
Manual Peak Response = 30793 M1

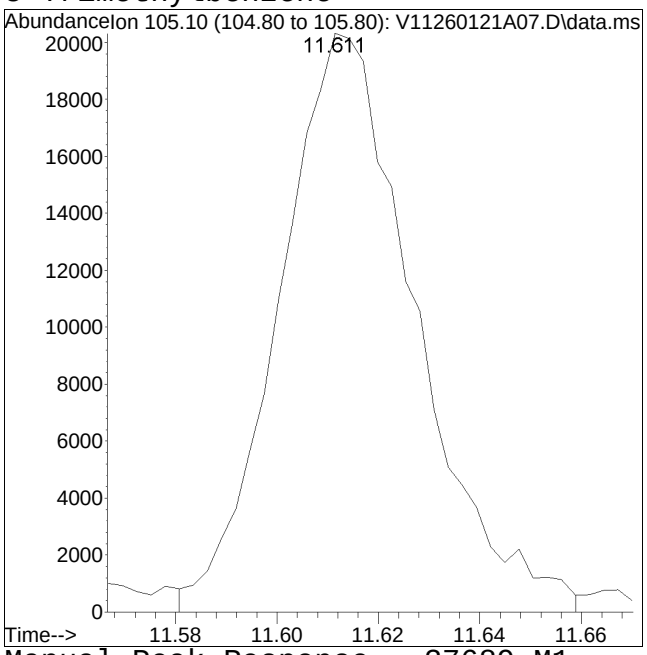
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #90: 1,3,5-Trimethylbenzene



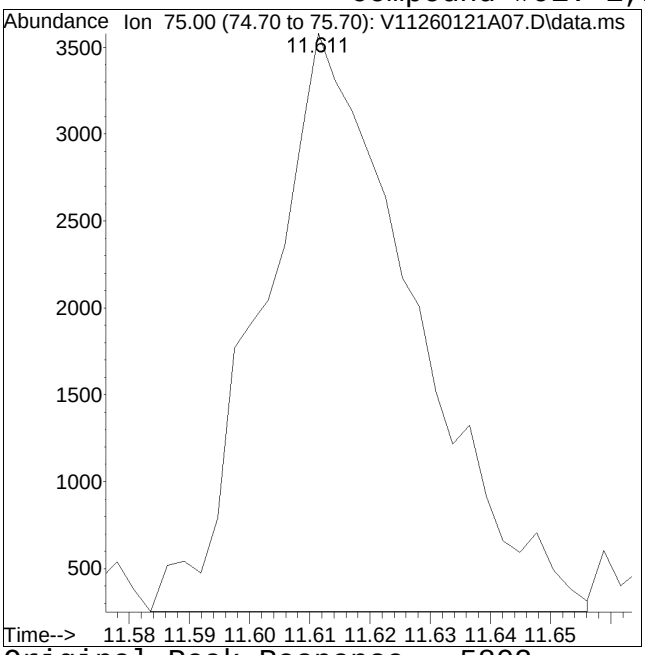


Original Peak Response = 35647 Manual Peak Response = 37689 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

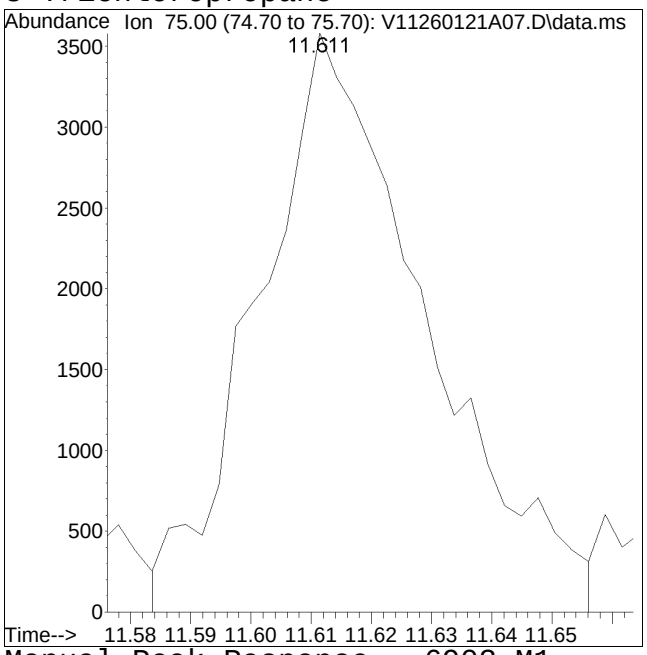
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 5802



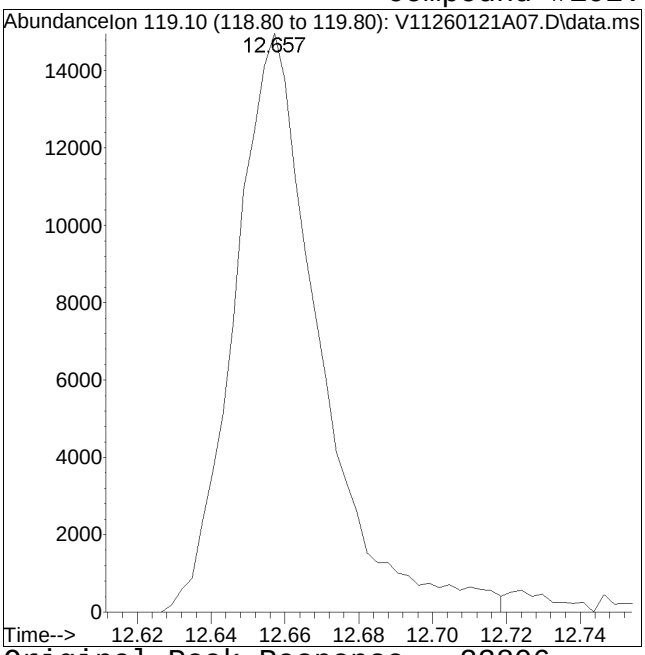
Manual Peak Response = 6903 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

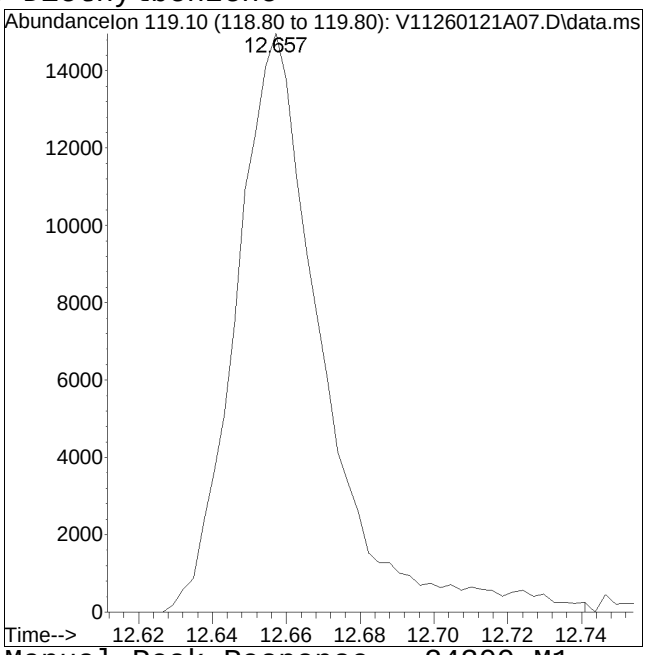
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #102: p-Diethylbenzene



Original Peak Response = 23806



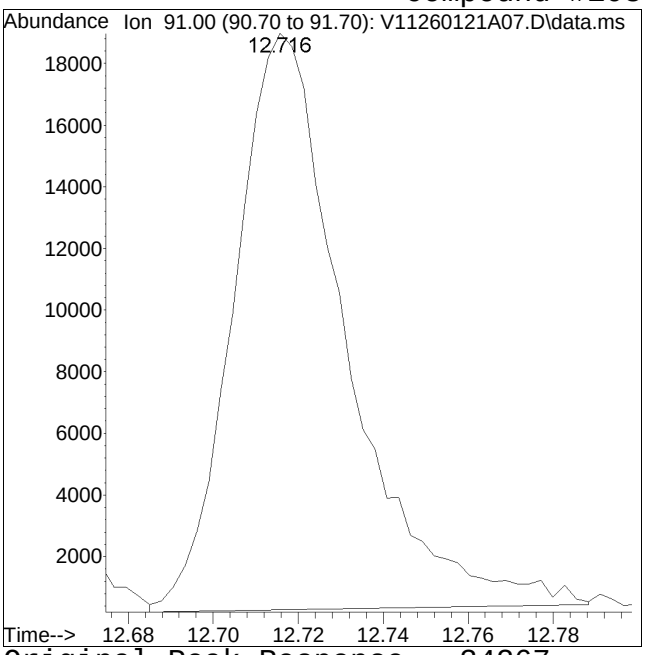
Manual Peak Response = 24300 M1

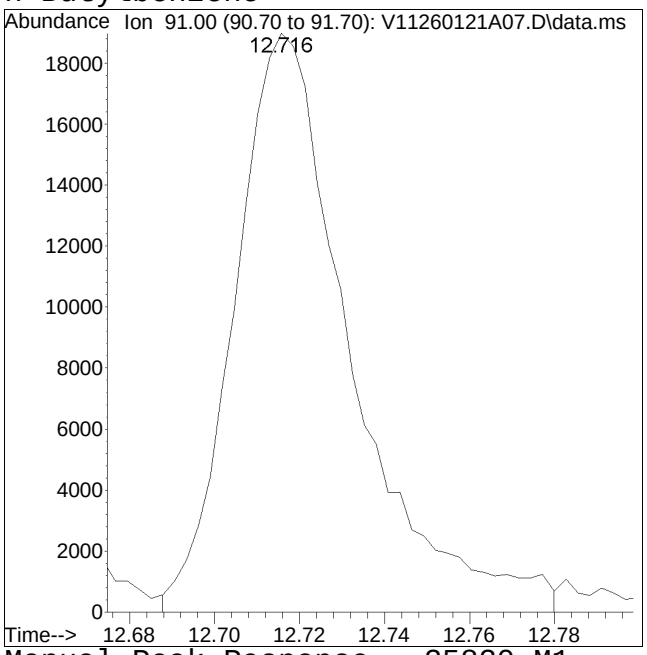
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #103: n-Butylbenzene



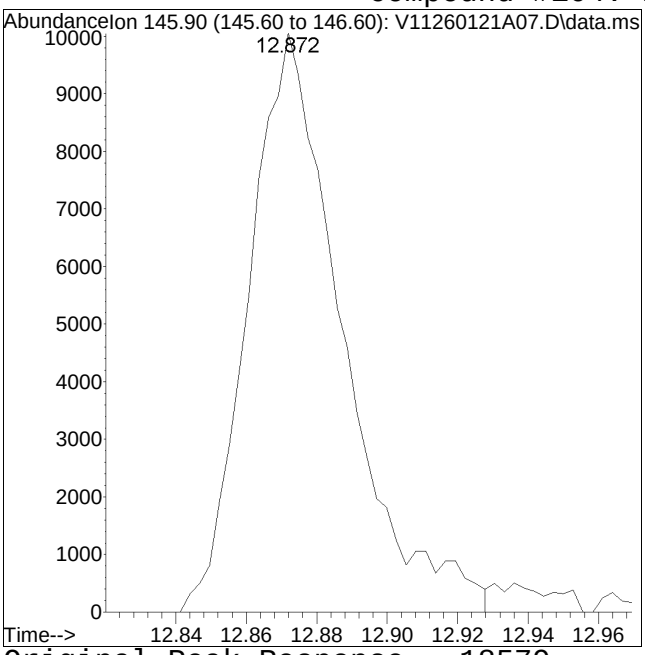


Original Peak Response = 34267 Manual Peak Response = 35830 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

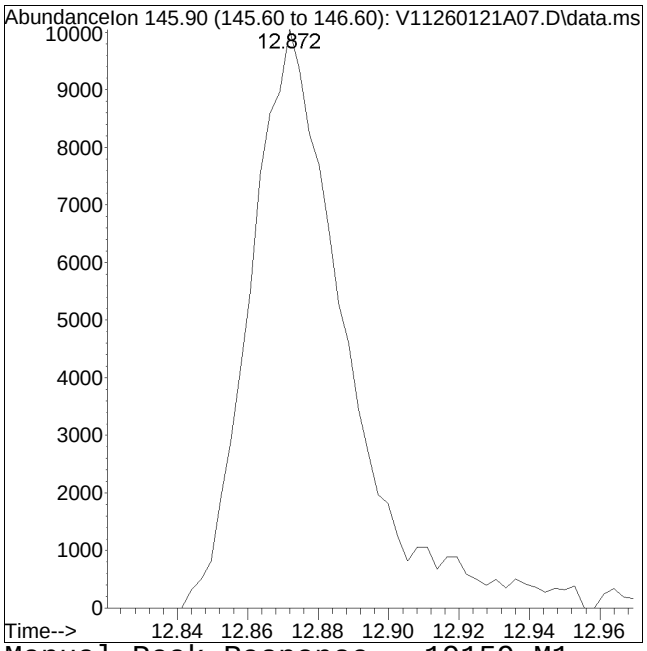
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #104: 1,2-Dichlorobenzene



Original Peak Response = 18579



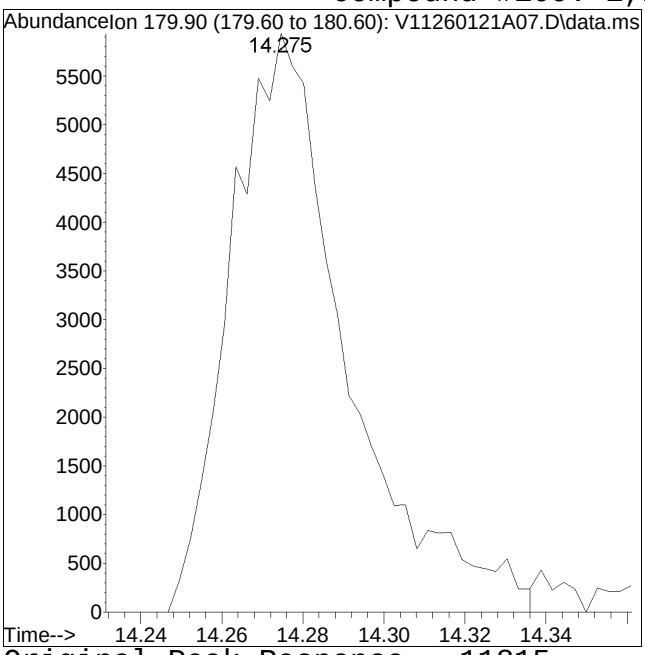
Manual Peak Response = 19159 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

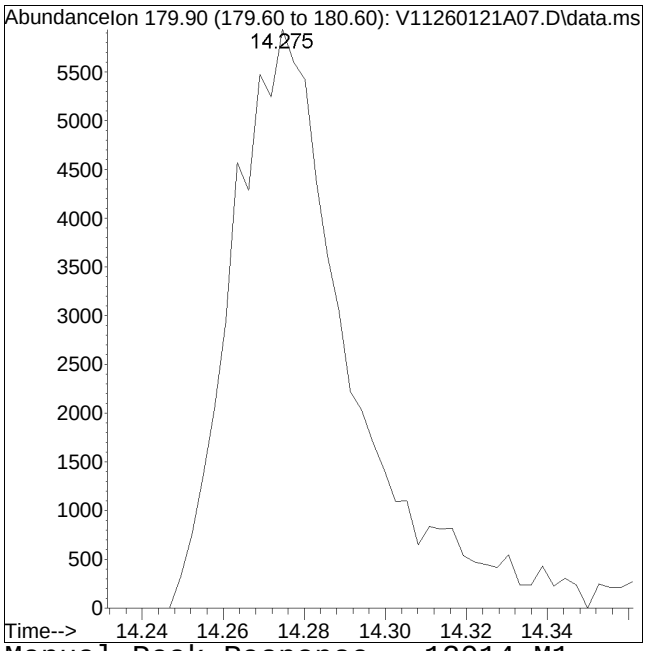
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #109: 1,2,4-Trichlorobenzene



Original Peak Response = 11815



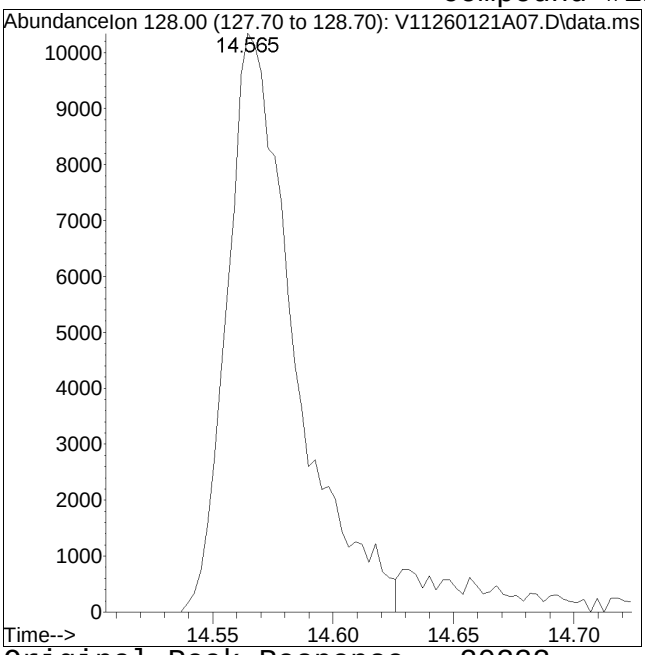
Manual Peak Response = 12014 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

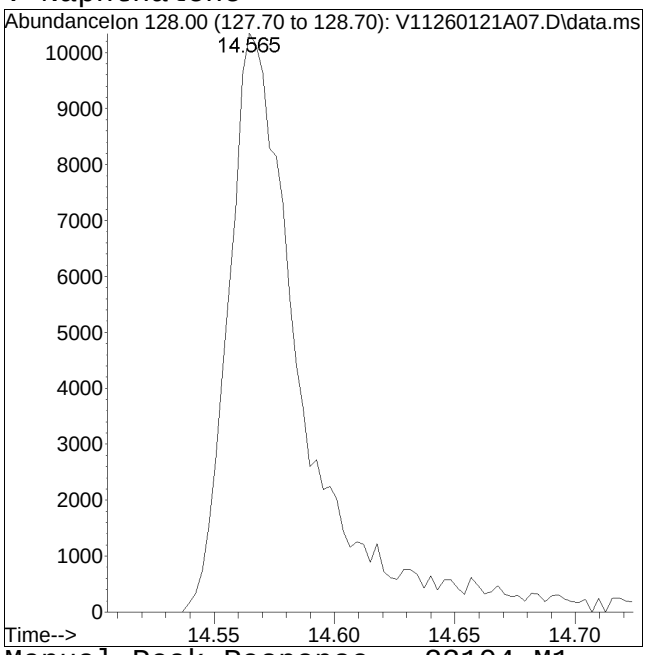
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A07.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 7:07 pm Instrument : VOA111
Sample : I8260STD2.0PPB Quant Date : 1/22/2026 12:35 pm

Compound #110: Naphthalene



Original Peak Response = 20232



Manual Peak Response = 22104 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A09.D
Acq On : 21 Jan 2026 08:00 pm
Operator : VOA111:JIC
Sample : I8260STD4.0PPB
Misc : WG2168016,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 22 13:24:57 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.201	96	319391	20.000 ug/L	0.00
Standard Area 1 = 314816			Recovery = 101.45%		
59) Chlorobenzene-d5	9.774	117	239379	20.000 ug/L	0.00
Standard Area 1 = 240870			Recovery = 99.38%		
79) 1,4-Dichlorobenzene-d4	12.431	152	125034	20.000 ug/L	0.00
Standard Area 1 = 127427			Recovery = 98.12%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.381	113	78585	19.402 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.01%		
43) 1,2-Dichloroethane-d4	5.911	65	74031	19.756 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.78%		
60) Toluene-d8	7.914	98	313681	20.287 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.43%		
83) 4-Bromofluorobenzene	11.240	95	114673	20.037 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.18%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.656	85	14765	3.325 ug/L	90
3) Chloromethane	1.876	50	16216	3.451 ug/L	75
4) Vinyl chloride	1.935	62	18148	3.416 ug/L	94
5) Bromomethane	2.269	94	15726	4.190 ug/L	95
6) Chloroethane	2.400	64	10654	3.507 ug/L	94
7) Trichlorofluoromethane	2.551	101	19179	3.100 ug/L	97
8) Ethyl ether	2.869	74	9389	3.790 ug/L #	69
10) 1,1-Dichloroethene	3.067	96	12833	3.402 ug/L	80
11) Carbon disulfide	3.103	76	47581	3.612 ug/L	100
12) Freon-113	3.109	101	11385	3.043 ug/L	98
14) Acrolein	0.000		0	N.D. d	
15) Methylene chloride	3.636	84	18875	4.133 ug/L	67
17) Acetone	3.700	43	5742M1	5.884 ug/L	
18) trans-1,2-Dichloroethene	3.803	96	15957	3.686 ug/L	82
19) Methyl acetate	3.817	43	7122M1	3.382 ug/L	
20) Methyl tert-butyl ether	3.898	73	56506	4.407 ug/L #	81
21) tert-Butyl alcohol	3.984	59	10751M1	27.146 ug/L	
22) Diisopropyl ether	4.269	45	62785	4.488 ug/L #	90
23) 1,1-Dichloroethane	4.400	63	31005	3.978 ug/L	95
24) Halothane	4.439	117	12744M1	3.969 ug/L	
25) Acrylonitrile	4.483	53	4623M1	4.551 ug/L	

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A09.D
Acq On : 21 Jan 2026 08:00 pm
Operator : VOA111:JIC
Sample : I8260STD4.0PPB
Misc : WG2168016,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 22 13:24:57 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.628	59	62266	4.466	ug/L	#	54
27) Vinyl acetate	4.662	43	37354M1	3.872	ug/L		
28) cis-1,2-Dichloroethene	4.935	96	20149	4.138	ug/L	#	80
29) 2,2-Dichloropropane	5.033	77	24154	3.778	ug/L		89
30) Bromochloromethane	5.130	128	9745	4.237	ug/L	#	62
31) Cyclohexane	5.136	56	19823M1	2.883	ug/L		
32) Chloroform	5.197	83	33966	4.368	ug/L		96
33) Ethyl acetate	5.337	43	11856M1	3.659	ug/L		
34) Carbon tetrachloride	5.342	117	21175	3.470	ug/L		97
35) Tetrahydrofuran	5.359	42	5638M6	5.335	ug/L		
37) 1,1,1-Trichloroethane	5.404	97	25518	3.808	ug/L	#	65
39) 2-Butanone	5.543	43	4975M3	4.378	ug/L		
40) 1,1-Dichloropropene	5.540	75	19257	3.515	ug/L		99
41) Benzene	5.780	78	68771	4.047	ug/L		89
42) tert-Amyl methyl ether	5.889	73	60207	4.747	ug/L		89
44) 1,2-Dichloroethane	5.984	62	25480	4.576	ug/L		99
47) Methyl cyclohexane	6.385	83	19421	2.684	ug/L	#	71
48) Trichloroethene	6.397	95	18292M1	4.037	ug/L		
50) Dibromomethane	6.837	93	12374M1	4.623	ug/L		
51) 1,2-Dichloropropane	6.938	63	19996	4.465	ug/L	#	67
53) 2-Chloroethyl vinyl ether	7.640	63	8538M1	4.237	ug/L		
54) Bromodichloromethane	7.004	83	29743	4.671	ug/L	#	96
57) 1,4-Dioxane	7.253	88	5197M1	188.787	ug/L		
58) cis-1,3-Dichloropropene	7.707	75	32994	4.392	ug/L		90
61) Toluene	7.975	92	47698	4.522	ug/L		98
62) 4-Methyl-2-pentanone	8.410	58	5749M1	4.550	ug/L		
63) Tetrachloroethene	8.438	166	17279	3.825	ug/L		97
65) trans-1,3-Dichloropropene	8.460	75	30222M1	4.685	ug/L		
67) Ethyl methacrylate	8.658	69	21372M1	4.318	ug/L		
68) 1,1,2-Trichloroethane	8.644	83	16251M1	5.182	ug/L		
69) Chlorodibromomethane	8.856	129	23125	4.855	ug/L		98
70) 1,3-Dichloropropane	8.970	76	30826	4.898	ug/L		99
71) 1,2-Dibromoethane	9.152	107	17807M1	4.754	ug/L		
72) 2-Hexanone	9.498	43	5351M3	2.820	ug/L		
73) Chlorobenzene	9.796	112	58923	4.779	ug/L	#	85
74) Ethylbenzene	9.835	91	88312	4.323	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.874	131	23525	5.070	ug/L		100
76) p/m Xylene	10.025	106	69273	8.676	ug/L		96
77) o Xylene	10.552	106	72897	9.176	ug/L		99
78) Styrene	10.619	104	124579	9.260	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A09.D
Acq On : 21 Jan 2026 08:00 pm
Operator : VOA111:JIC
Sample : I8260STD4.0PPB
Misc : WG2168016,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 22 13:24:57 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	10.638	173	14646	4.915	ug/L		97
82) Isopropylbenzene	10.925	105	84735	4.217	ug/L		99
84) Bromobenzene	11.358	156	26152	5.008	ug/L		97
85) n-Propylbenzene	11.394	91	97526	4.121	ug/L		99
86) 1,4-Dichlorobutane	11.408	55	30898	4.826	ug/L		98
87) 1,1,2,2-Tetrachloroethane	11.469	83	24919	5.310	ug/L		98
88) 4-Ethyltoluene	11.519	105	84362	4.256	ug/L		100
89) 2-Chlorotoluene	11.558	91	64310	4.621	ug/L		90
90) 1,3,5-Trimethylbenzene	11.609	105	73164	4.295	ug/L		100
91) 1,2,3-Trichloropropane	11.617	75	18644M1	5.291	ug/L		
92) trans-1,4-Dichloro-2-b...	11.670	53	6648M1	5.244	ug/L		
93) 4-Chlorotoluene	11.742	91	67311	4.577	ug/L		98
94) tert-Butylbenzene	11.946	119	59083	4.063	ug/L		99
97) 1,2,4-Trimethylbenzene	12.027	105	72200	4.267	ug/L		99
98) sec-Butylbenzene	12.133	105	84116	3.886	ug/L		99
99) p-Isopropyltoluene	12.283	119	74508	3.945	ug/L		99
100) 1,3-Dichlorobenzene	12.359	146	45855	4.658	ug/L		99
101) 1,4-Dichlorobenzene	12.448	146	48436M1	4.838	ug/L		
102) p-Diethylbenzene	12.654	119	42713	3.808	ug/L		99
103) n-Butylbenzene	12.710	91	62611	3.640	ug/L		97
104) 1,2-Dichlorobenzene	12.869	146	42880	4.647	ug/L		100
105) 1,2,4,5-Tetramethylben...	13.438	119	68096	4.084	ug/L		100
106) 1,2-Dibromo-3-chloropr...	13.633	155	3370	4.842	ug/L		99
107) 1,3,5-Trichlorobenzene	13.675	180	29486	4.252	ug/L		98
108) Hexachlorobutadiene	14.238	225	11799	3.670	ug/L		98
109) 1,2,4-Trichlorobenzene	14.269	180	24012	4.294	ug/L	#	92
110) Naphthalene	14.562	128	45111	4.397	ug/L		100
111) 1,2,3-Trichlorobenzene	14.726	180	19267M1	4.541	ug/L		

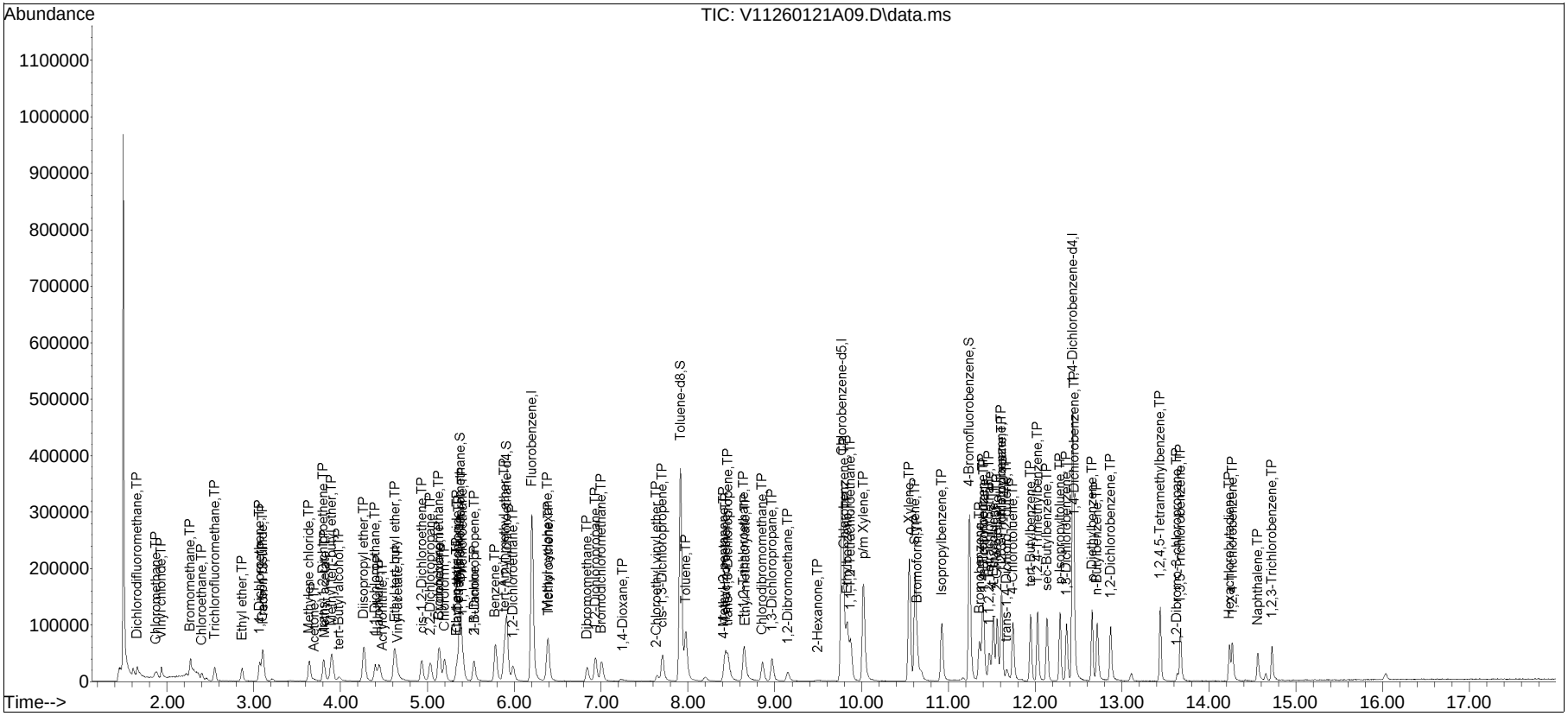
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A09.D
Acq On : 21 Jan 2026 08:00 pm
Operator : VOA111:JIC
Sample : I8260STD4.0PPB
Misc : WG2168016,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 22 13:24:57 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

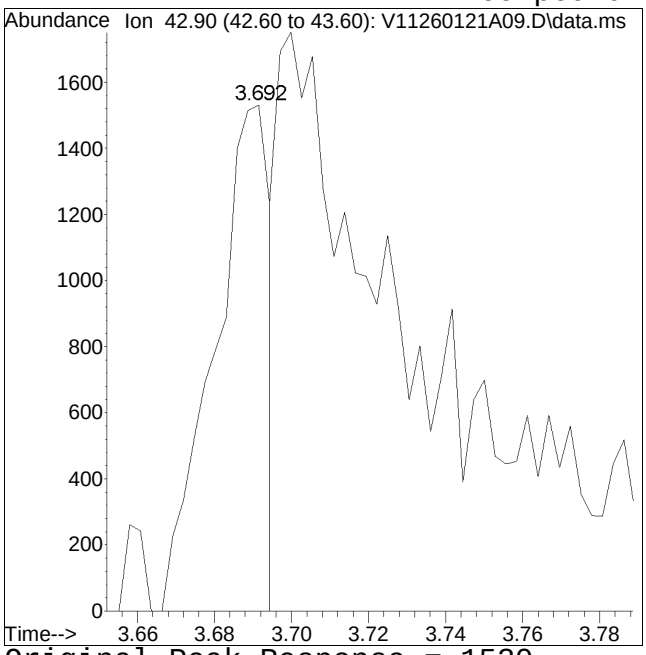
Sub List : 8260-CurveSoil - Megamix plus Diox60121A11.D•



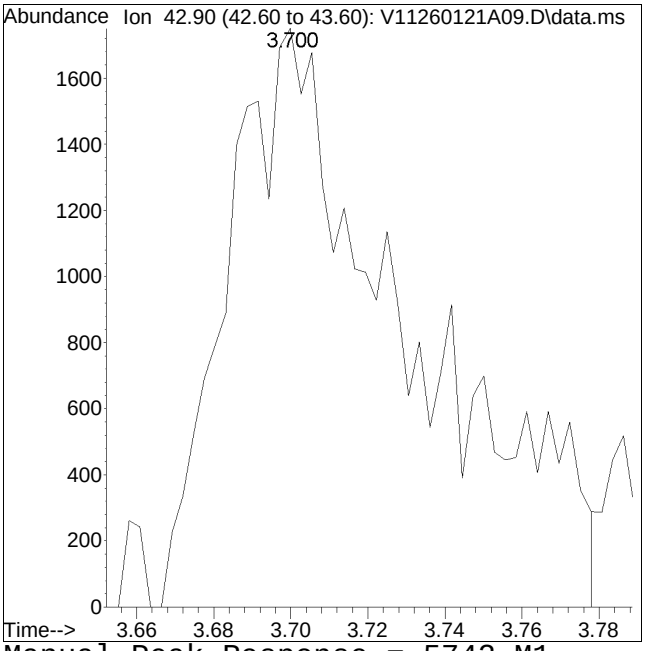
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #17: Acetone



Original Peak Response = 1530



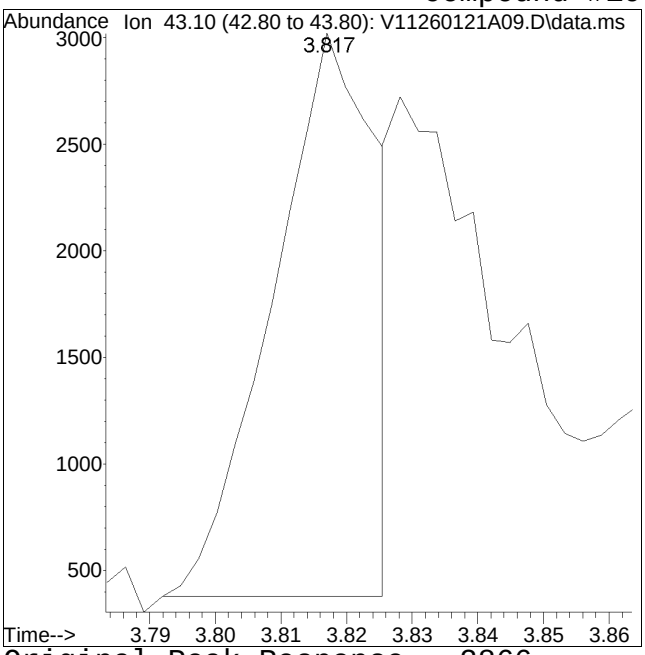
Manual Peak Response = 5742 M1

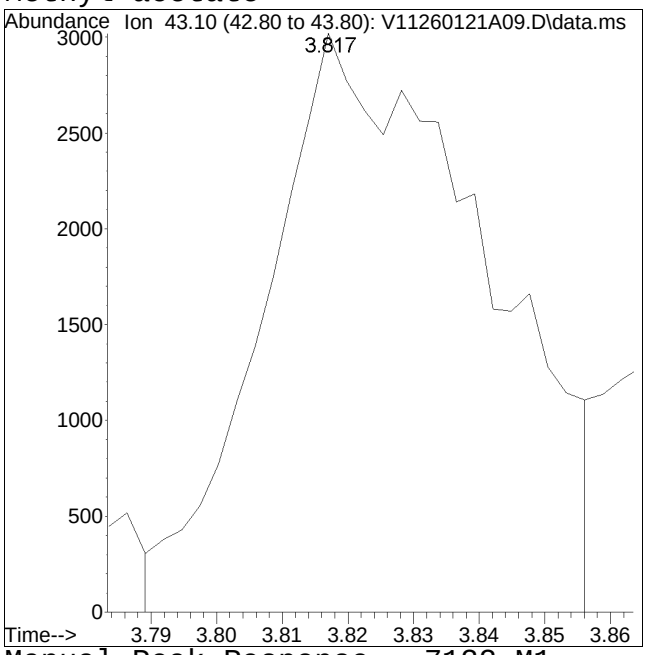
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #19: Methyl acetate



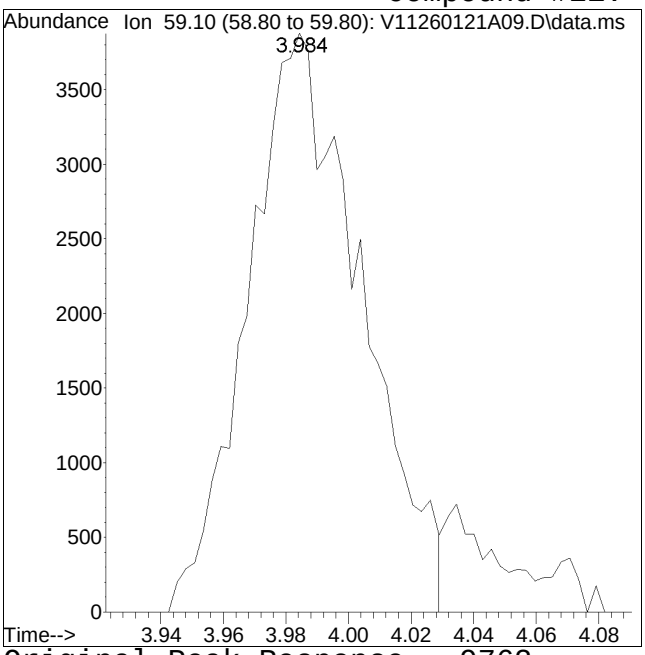


Original Peak Response = 2866 Manual Peak Response = 7122 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

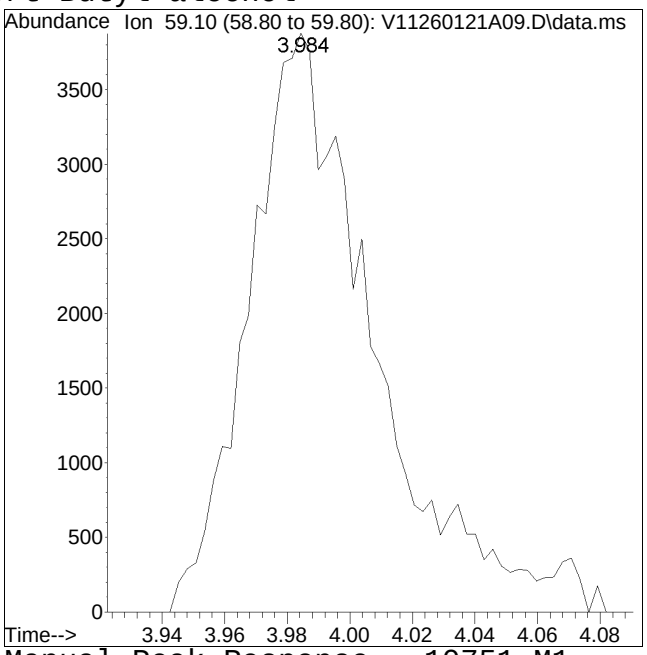
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #21: tert-Butyl alcohol



Original Peak Response = 9762



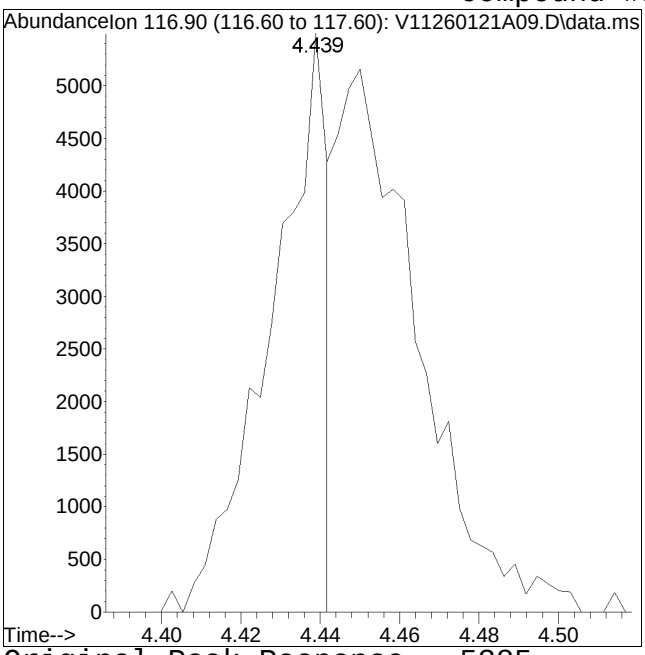
Manual Peak Response = 10751 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

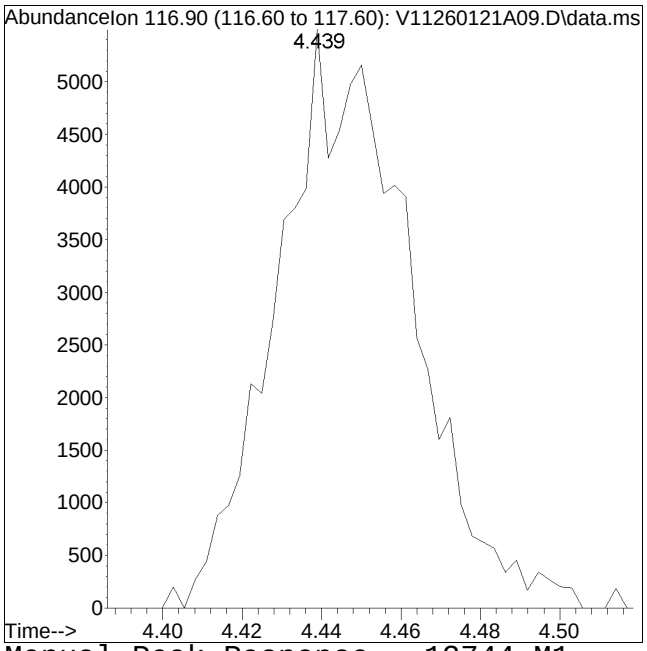
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #24: Halothane



Original Peak Response = 5385



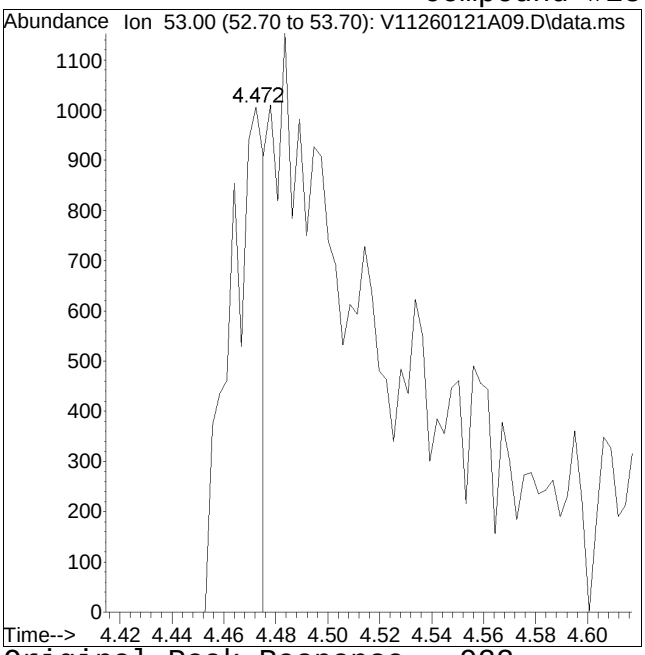
Manual Peak Response = 12744 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

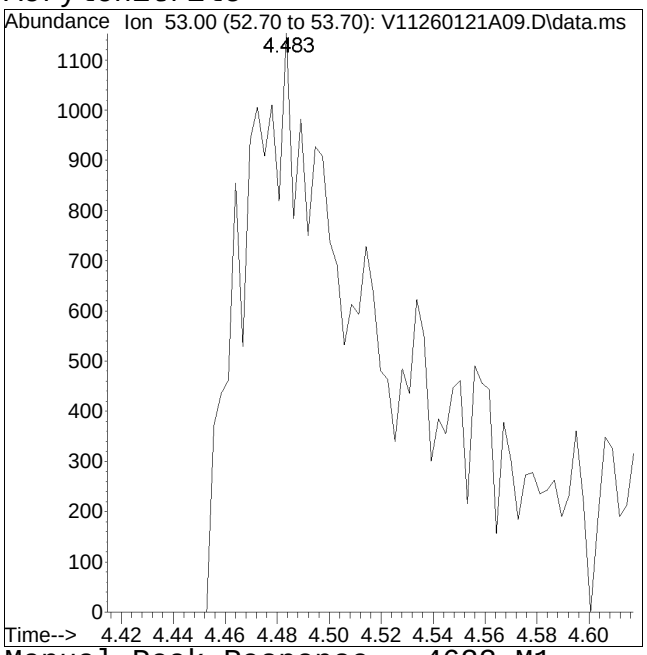
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #25: Acrylonitrile



Original Peak Response = 922



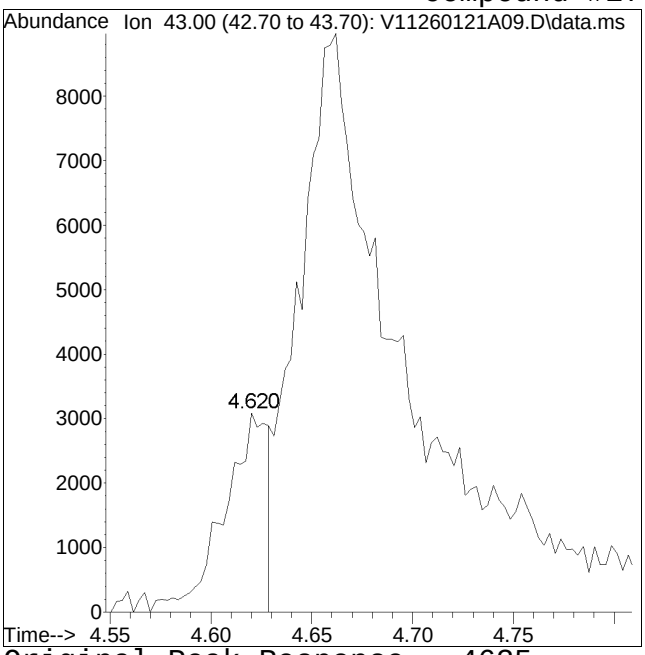
Manual Peak Response = 4623 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

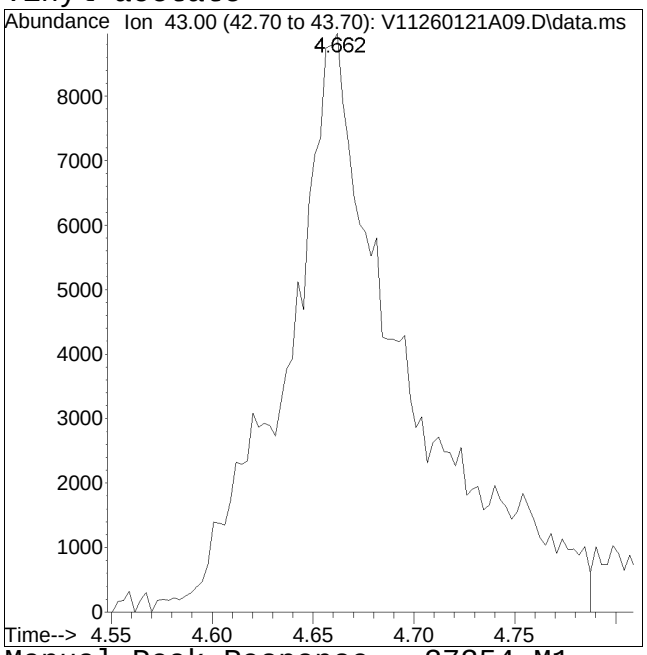
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #27: Vinyl acetate



Original Peak Response = 4635



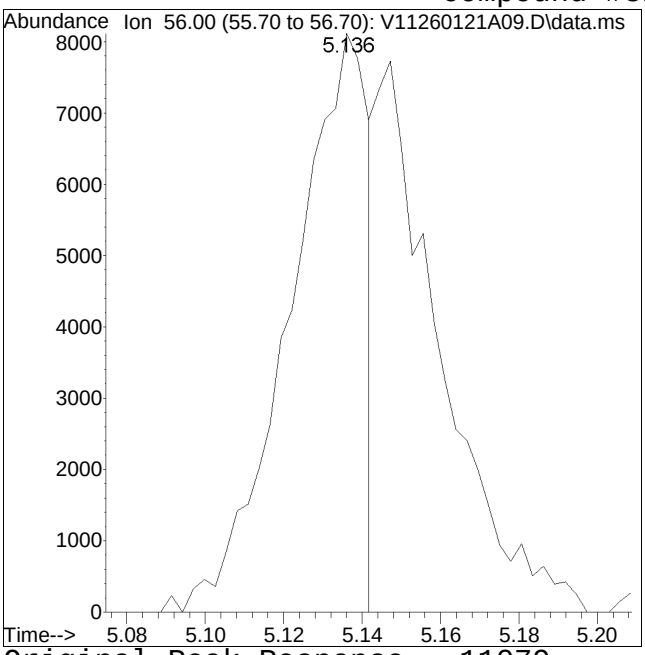
Manual Peak Response = 37354 M1

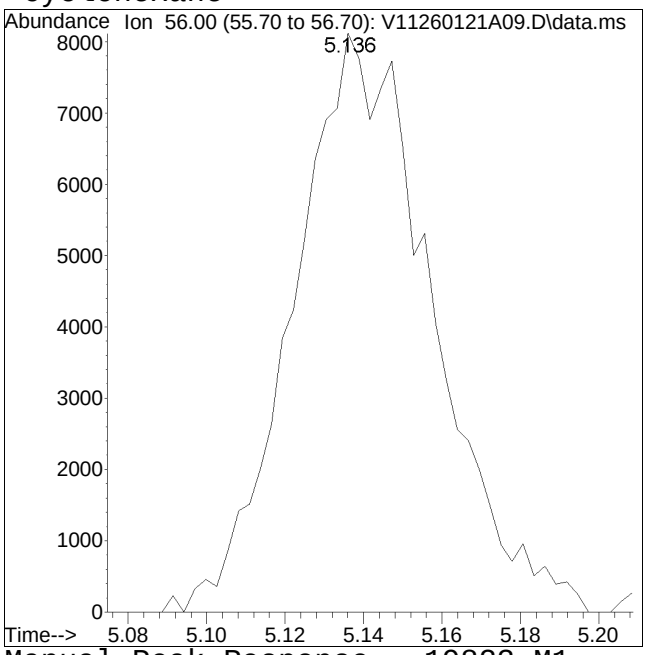
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #31: Cyclohexane





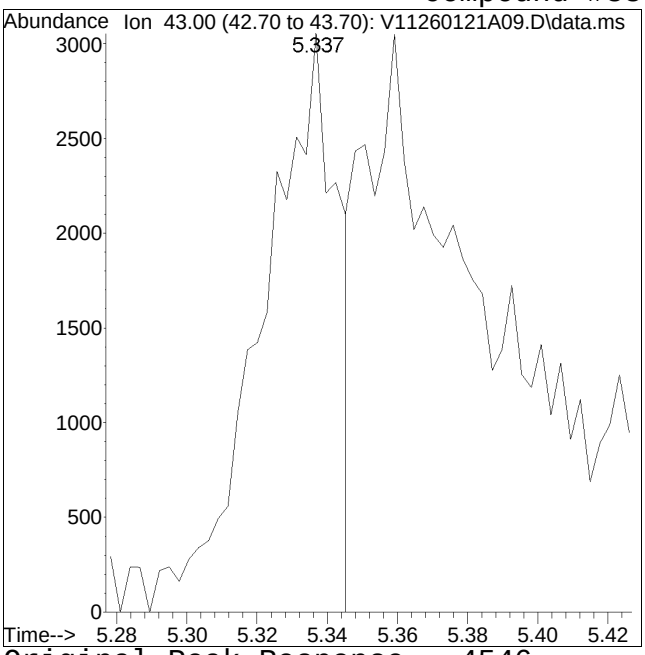
Original Peak Response = 11079 Manual Peak Response = 19823 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

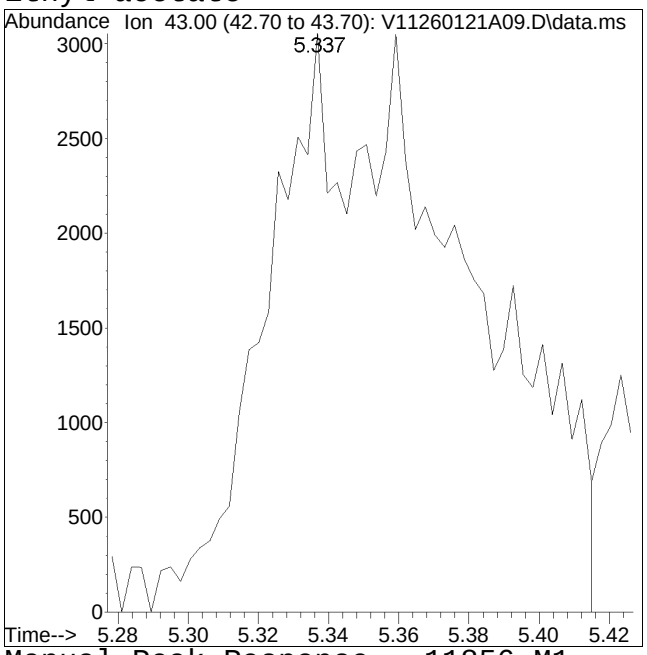
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #33: Ethyl acetate



Original Peak Response = 4546



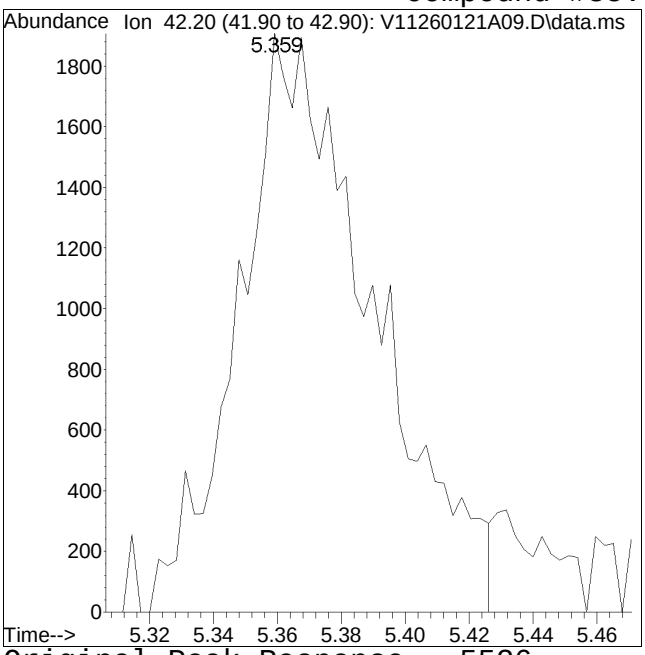
Manual Peak Response = 11856 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

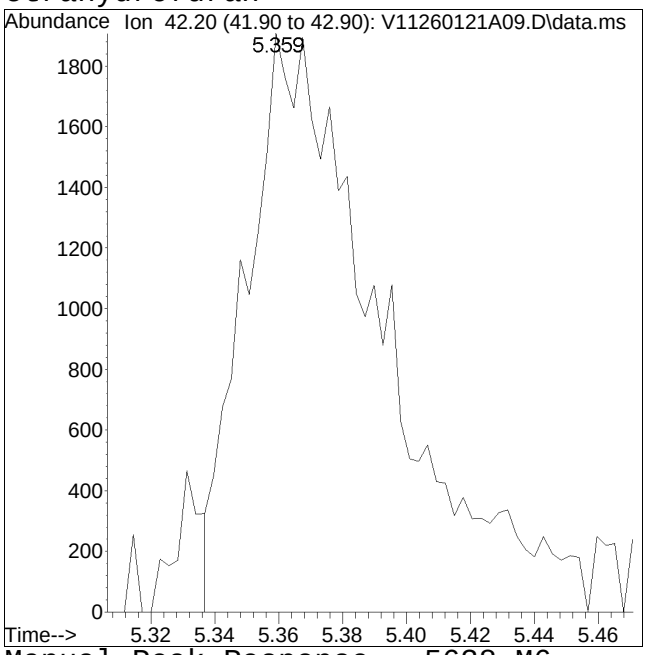
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 5526



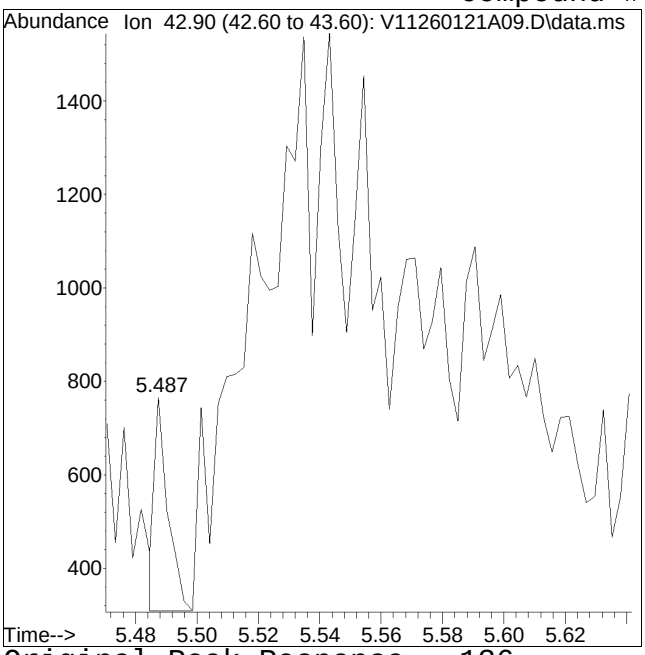
Manual Peak Response = 5638 M6

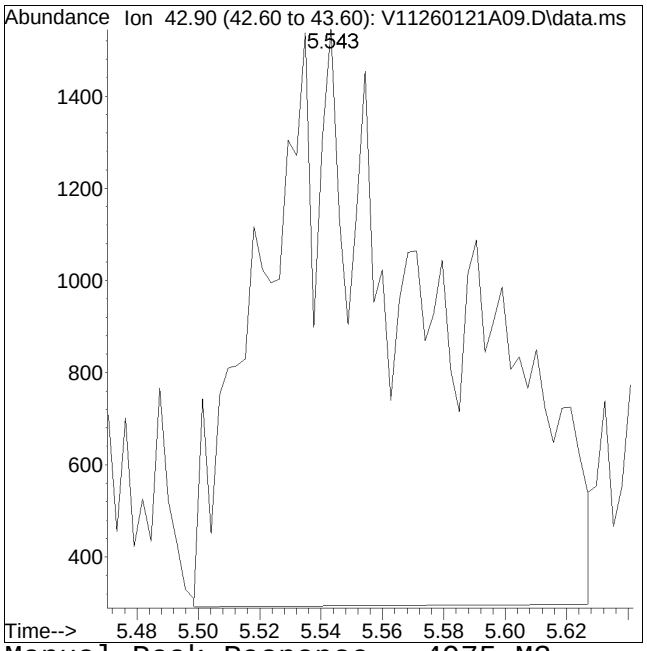
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #39: 2-Butanone





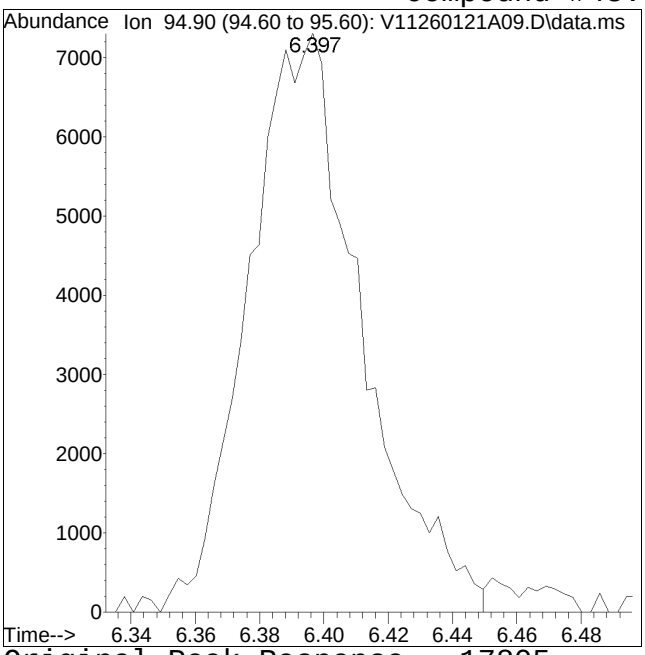
Original Peak Response = 136 Manual Peak Response = 4975 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

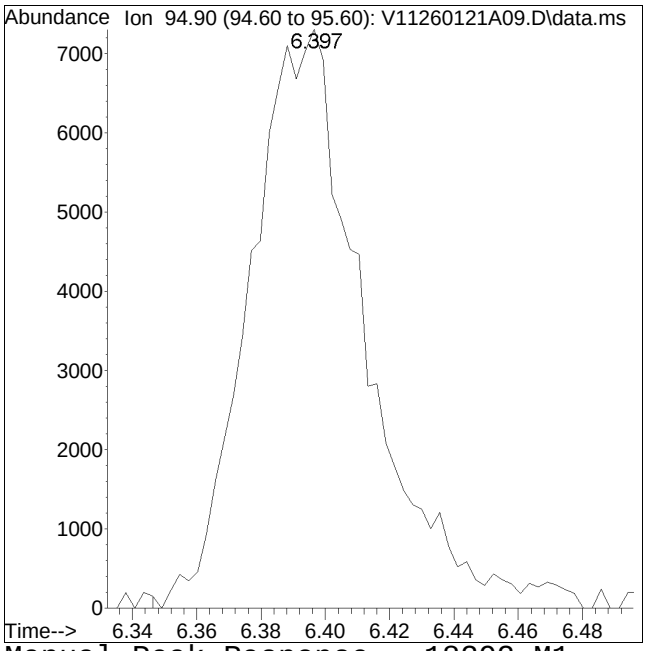
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #48: Trichloroethene



Original Peak Response = 17805



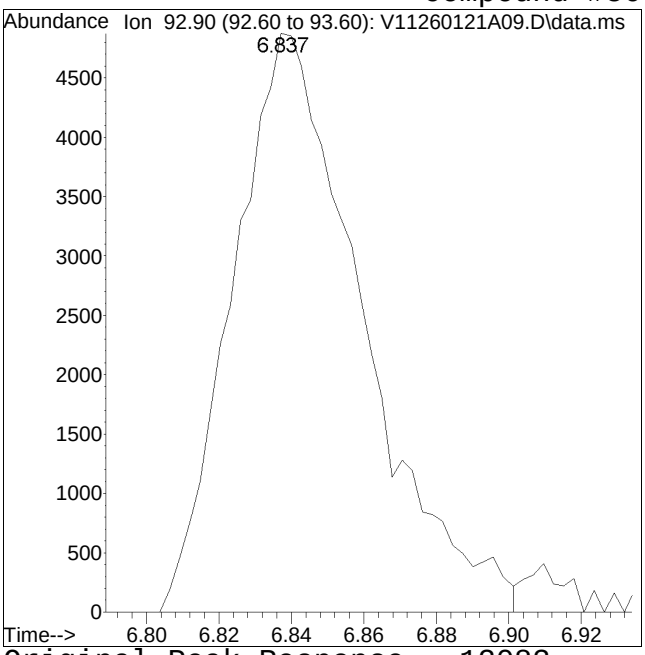
Manual Peak Response = 18292 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

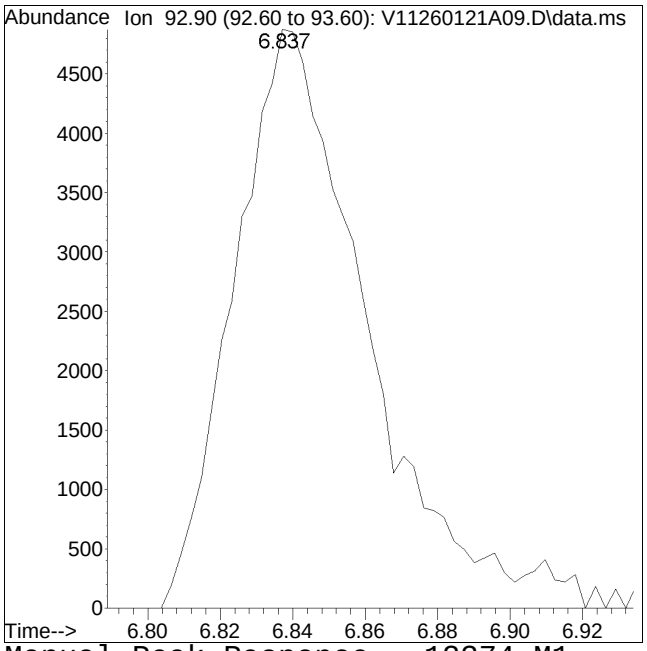
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #50: Dibromomethane



Original Peak Response = 12083



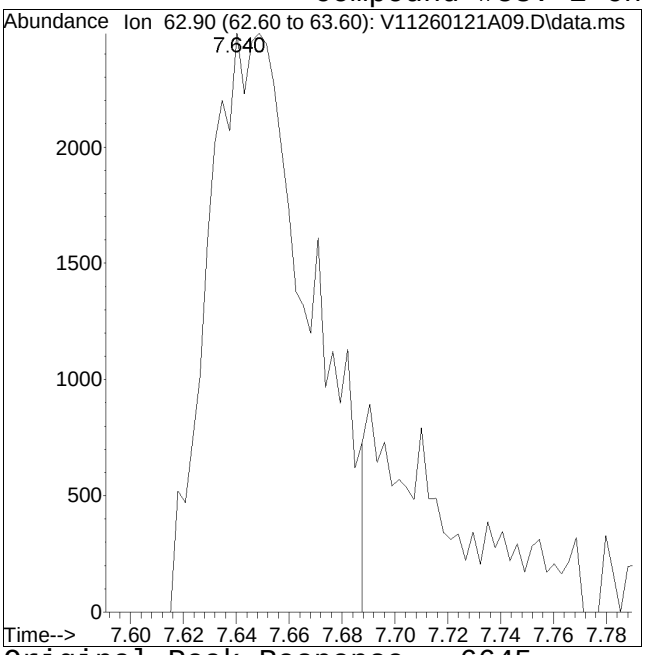
Manual Peak Response = 12374 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

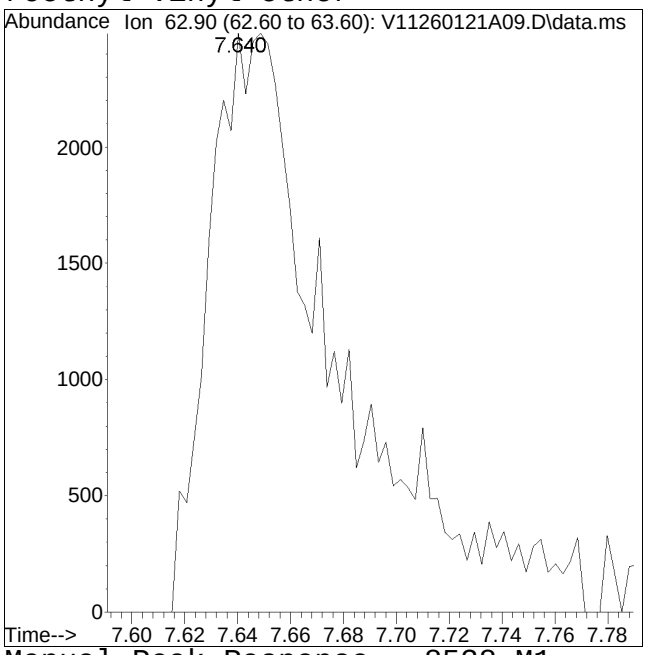
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #53: 2-Chloroethyl vinyl ether



Original Peak Response = 6645



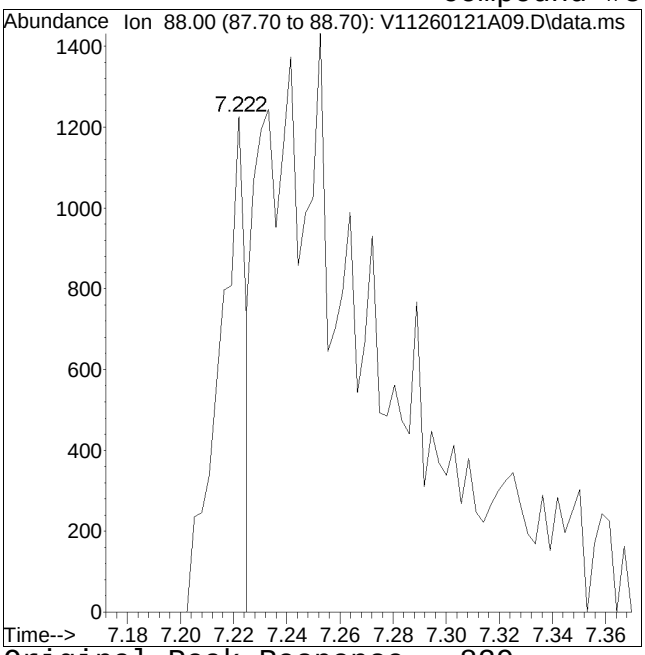
Manual Peak Response = 8538 M1

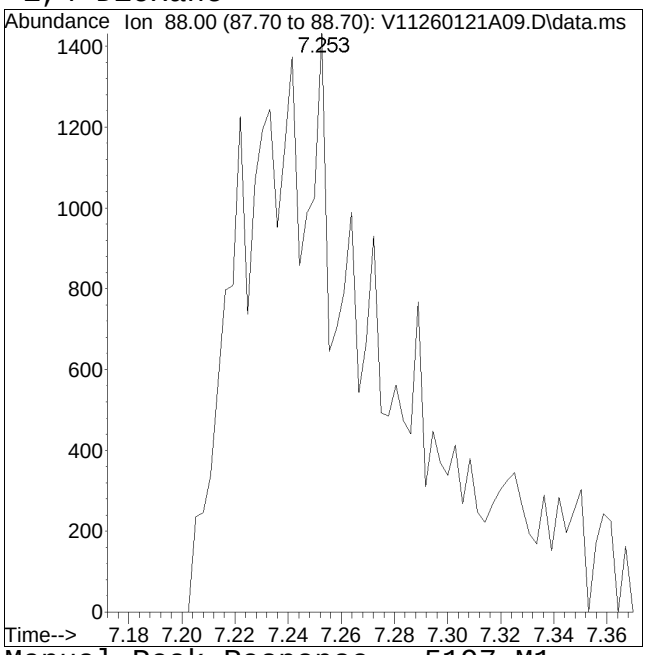
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #57: 1,4-Dioxane



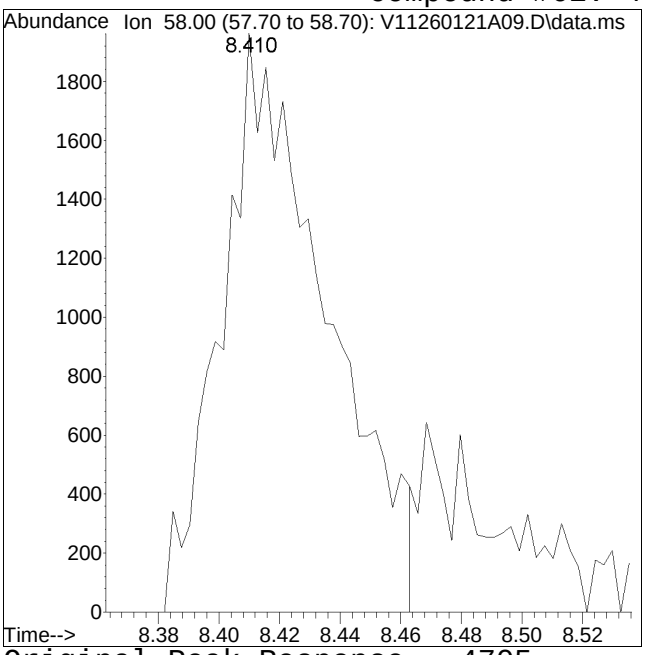


Original Peak Response = 829 Manual Peak Response = 5197 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

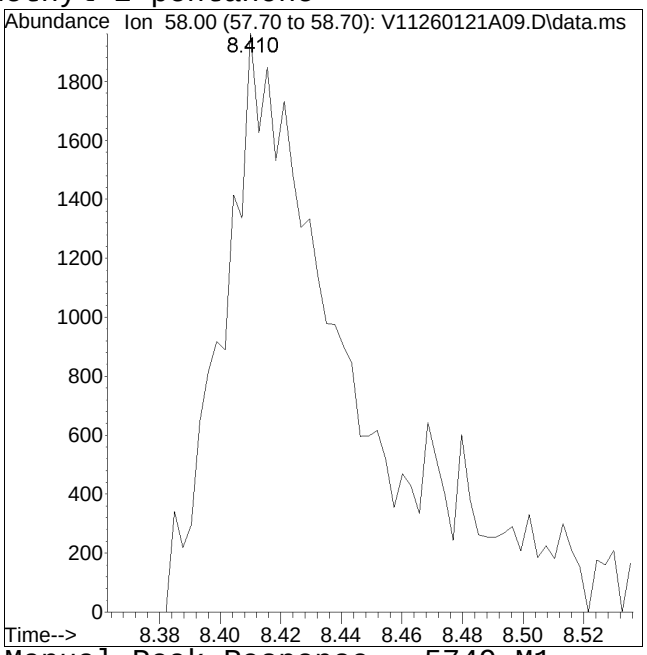
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #62: 4-Methyl-2-pentanone



Original Peak Response = 4705



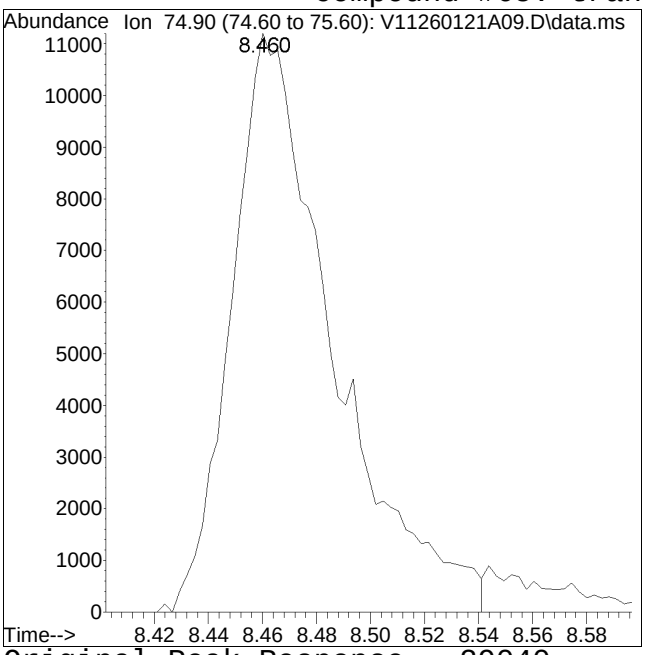
Manual Peak Response = 5749 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

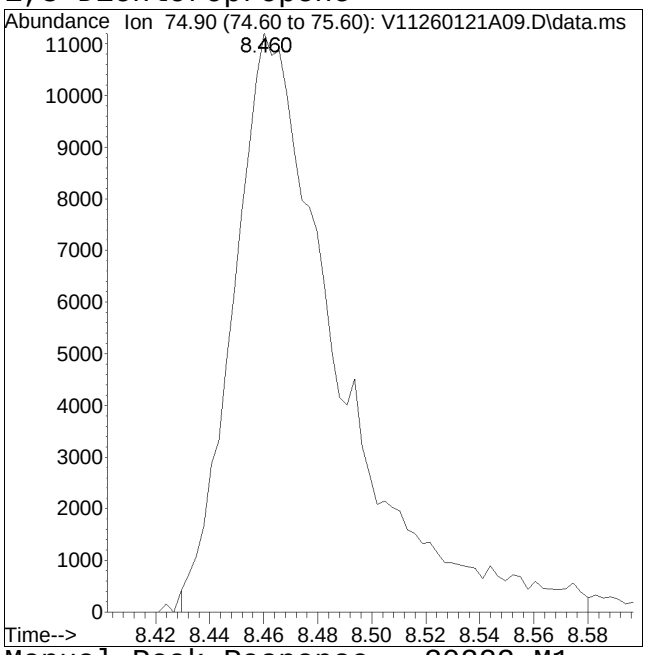
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #65: trans-1,3-Dichloropropene



Original Peak Response = 29040



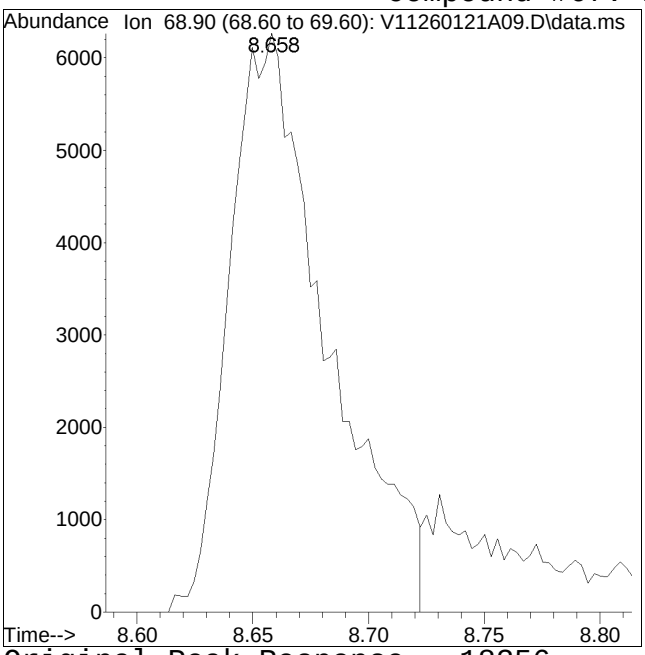
Manual Peak Response = 30222 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

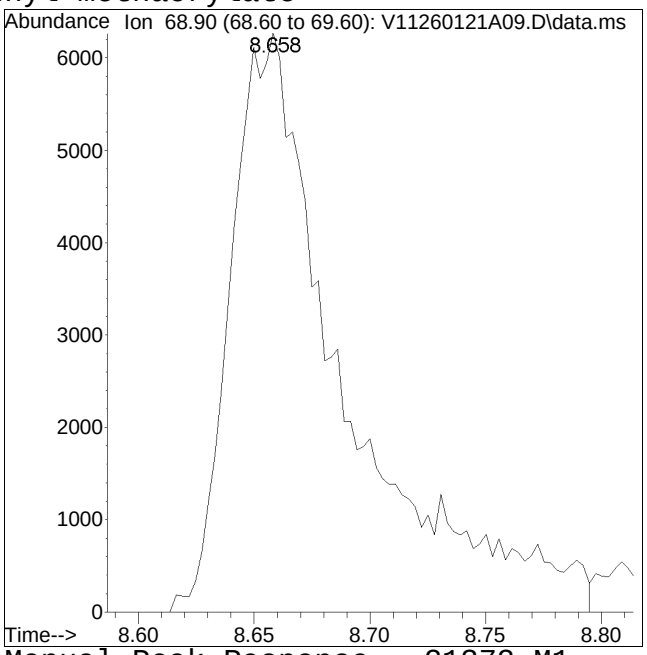
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #67: Ethyl methacrylate



Original Peak Response = 18356



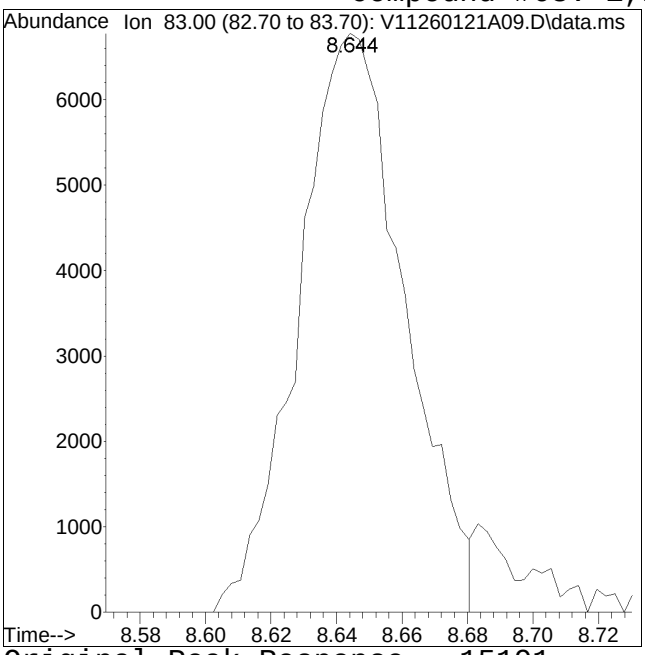
Manual Peak Response = 21372 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

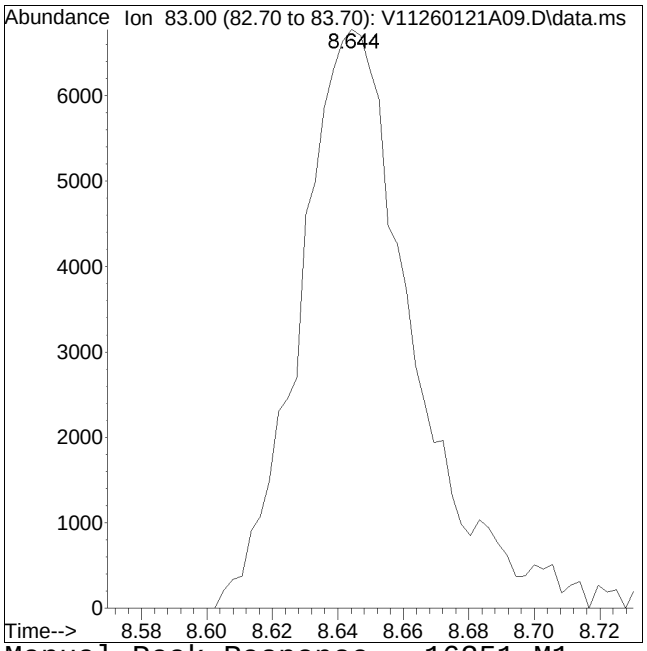
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #68: 1,1,2-Trichloroethane



Original Peak Response = 15191



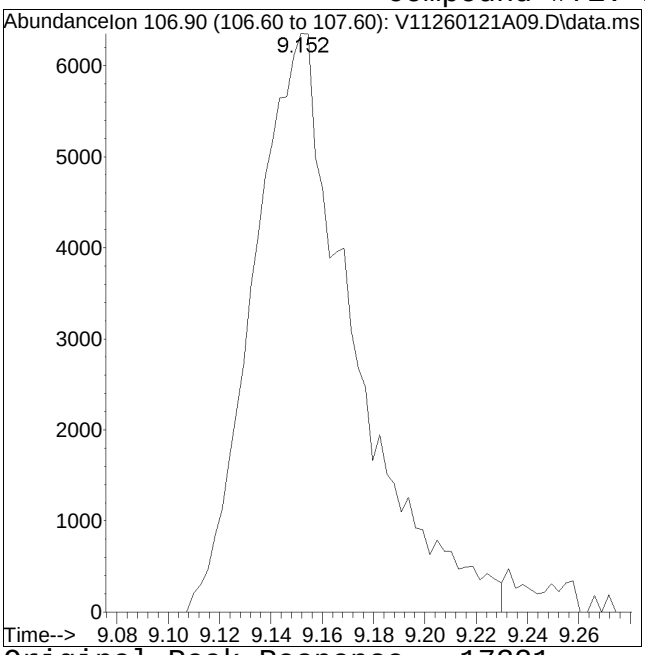
Manual Peak Response = 16251 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

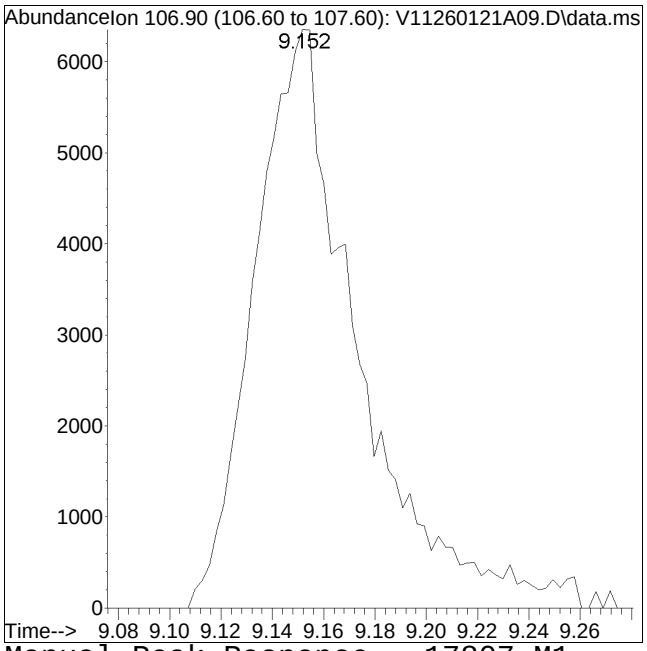
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #71: 1,2-Dibromoethane



Original Peak Response = 17321



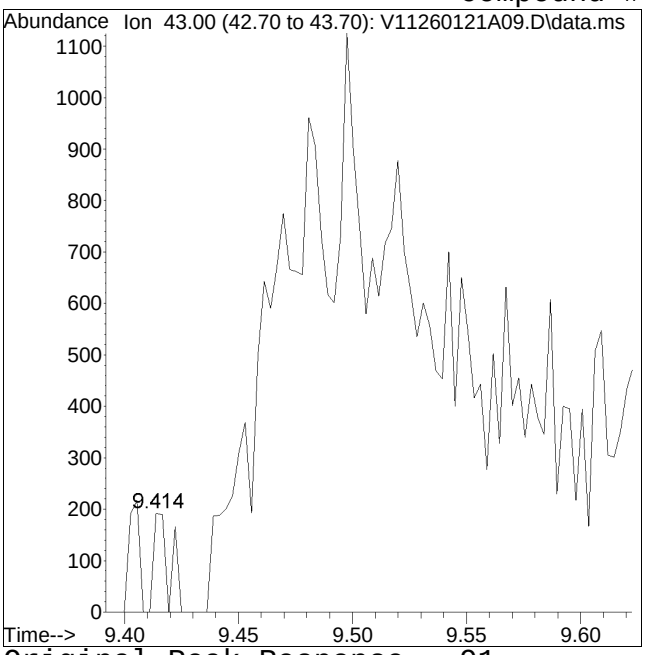
Manual Peak Response = 17807 M1

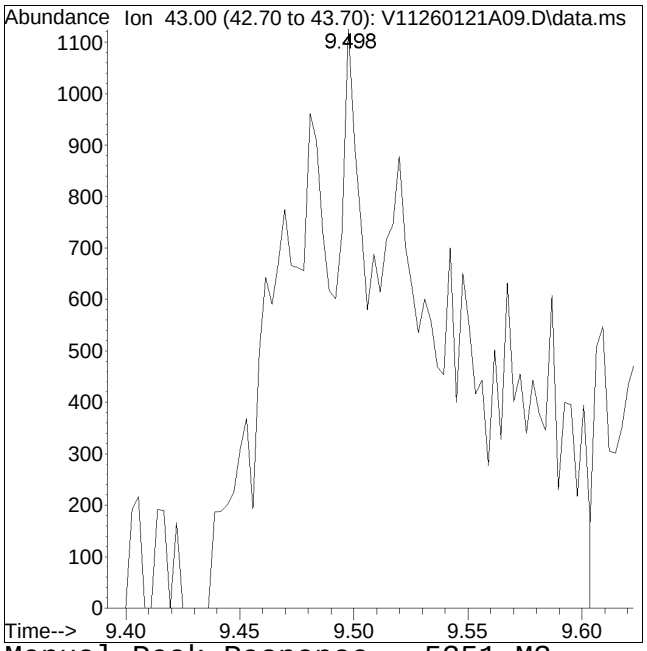
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #72: 2-Hexanone





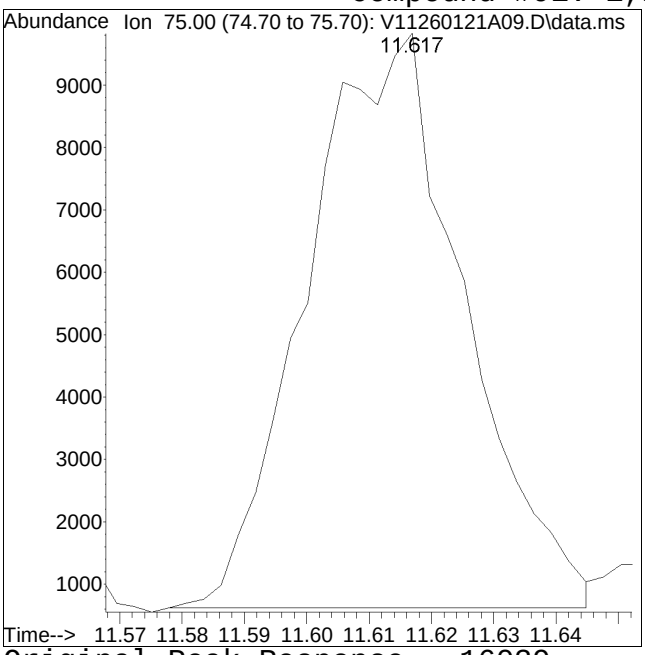
Original Peak Response = 91 Manual Peak Response = 5351 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

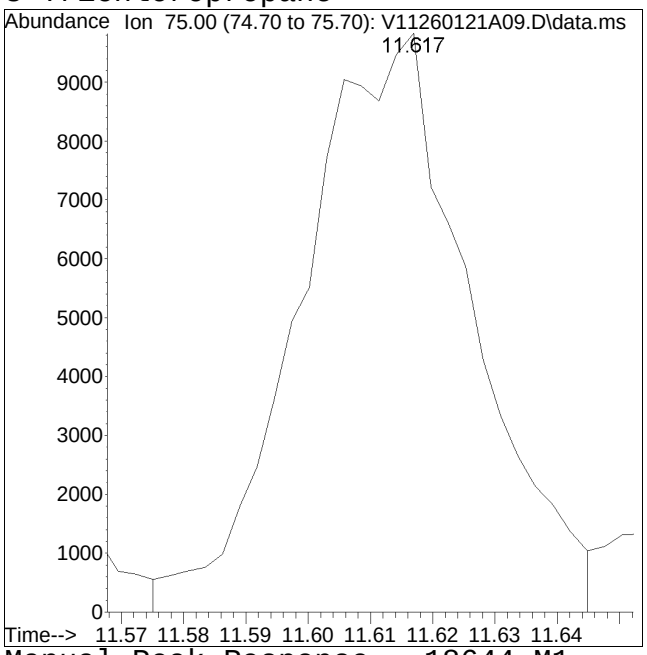
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 16039



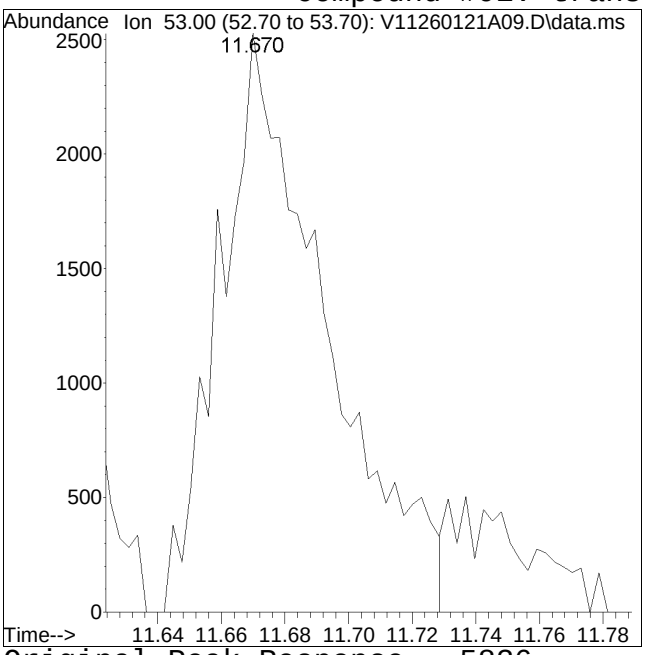
Manual Peak Response = 18644 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

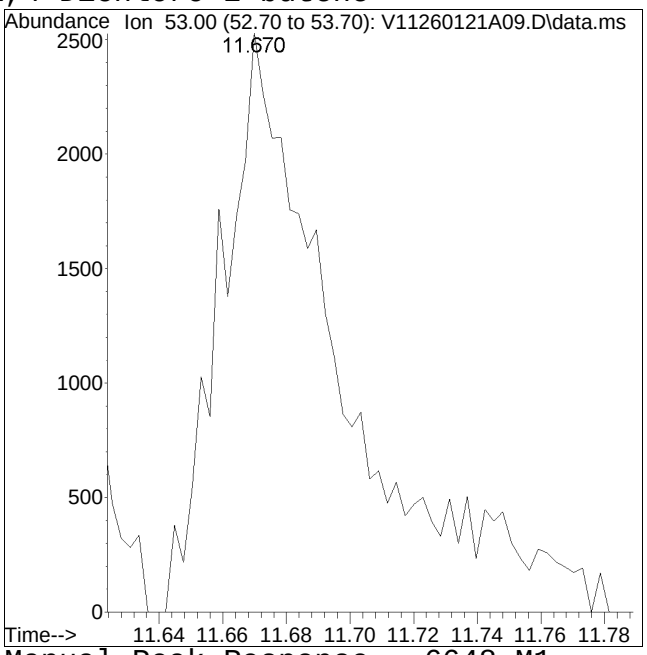
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 5836



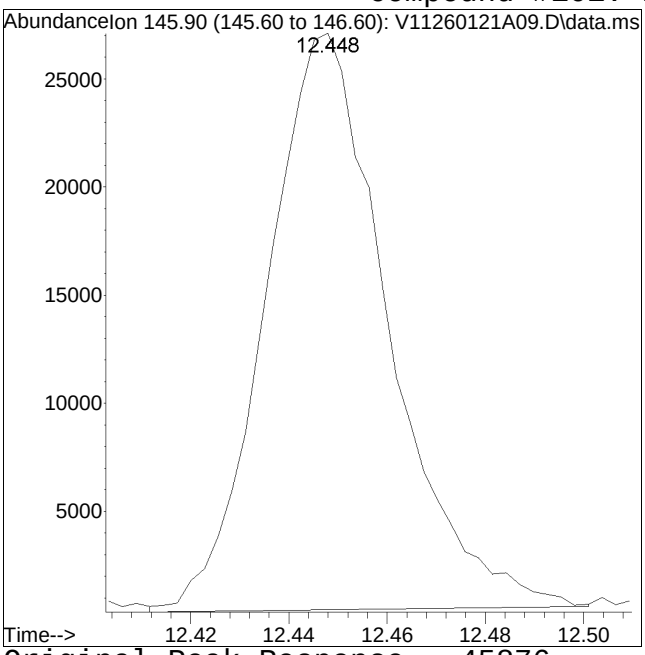
Manual Peak Response = 6648 M1

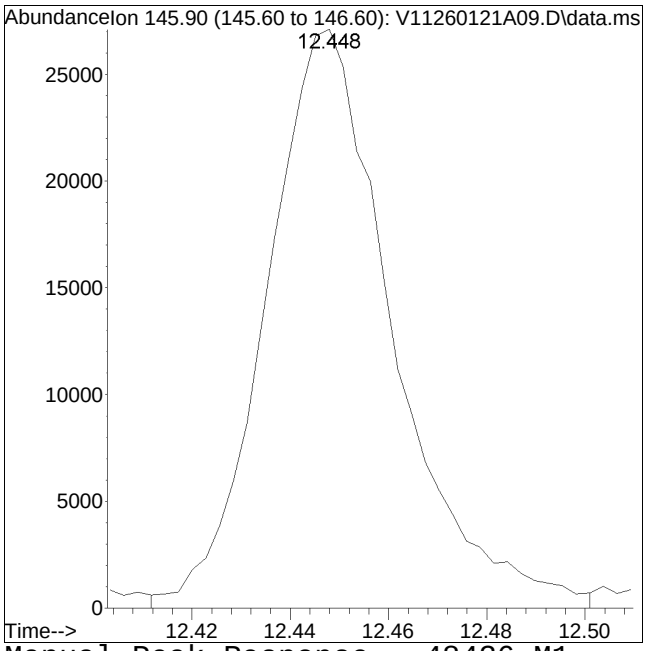
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #101: 1,4-Dichlorobenzene



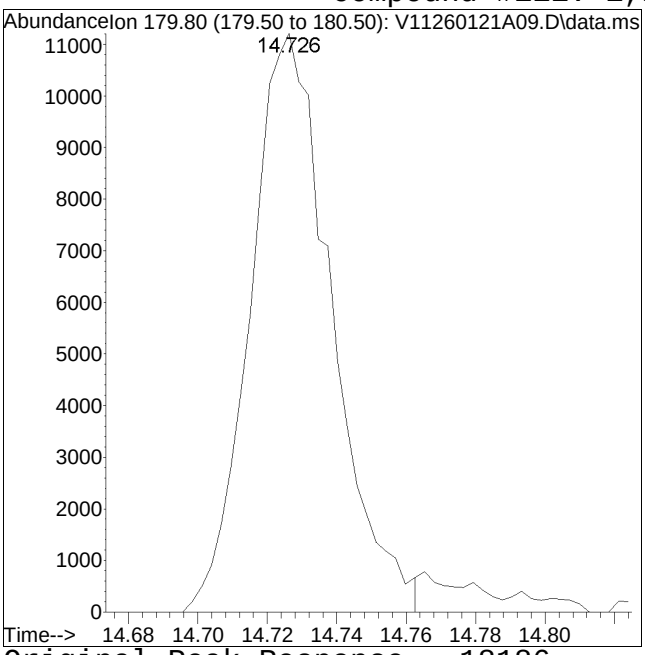


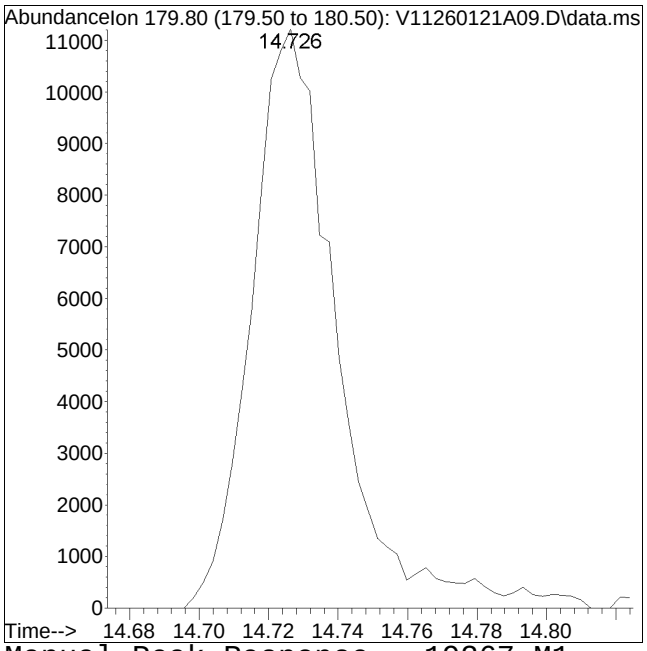
Original Peak Response = 45876 Manual Peak Response = 48436 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A09.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:00 pm Instrument : VOA111
Sample : I8260STD4.0PPB Quant Date : 1/22/2026 12:36 pm

Compound #111: 1,2,3-Trichlorobenzene





Original Peak Response = 18186 Manual Peak Response = 19267 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A10.D
Acq On : 21 Jan 2026 08:26 pm
Operator : VOA111:JIC
Sample : I8260STD20PPB
Misc : WG2168016,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 22 13:07:38 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.204	96	318111	20.000	ug/L	0.00
Standard Area 1 = 314816			Recovery = 101.05%			
59) Chlorobenzene-d5	9.771	117	240054	20.000	ug/L	0.00
Standard Area 1 = 240870			Recovery = 99.66%			
79) 1,4-Dichlorobenzene-d4	12.428	152	126446	20.000	ug/L	0.00
Standard Area 1 = 127427			Recovery = 99.23%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.379	113	78664	19.499	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.50%			
43) 1,2-Dichloroethane-d4	5.914	65	74179	19.875	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.38%			
60) Toluene-d8	7.913	98	306038	19.737	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.68%			
83) 4-Bromofluorobenzene	11.243	95	114915	19.855	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.658	85	76227	17.235	ug/L	97
3) Chloromethane	1.876	50	78734	16.822	ug/L	74
4) Vinyl chloride	1.940	62	91091	17.217	ug/L	97
5) Bromomethane	2.275	94	70600	18.886	ug/L	99
6) Chloroethane	2.403	64	51633	17.062	ug/L	96
7) Trichlorofluoromethane	2.551	101	105575	17.135	ug/L	100
8) Ethyl ether	2.863	74	42043	17.037	ug/L #	66
10) 1,1-Dichloroethene	3.070	96	63539	16.912	ug/L	79
11) Carbon disulfide	3.103	76	224067	17.080	ug/L	100
12) Freon-113	3.109	101	64861	17.404	ug/L	99
14) Acrolein	3.413	56	4806M1	16.279	ug/L	
15) Methylene chloride	3.641	84	78618	17.282	ug/L	68
17) Acetone	3.683	43	19534M1	20.097	ug/L	
18) trans-1,2-Dichloroethene	3.803	96	72968	16.924	ug/L	85
19) Methyl acetate	3.809	43	33008	15.739	ug/L #	86
20) Methyl tert-butyl ether	3.895	73	222614	17.433	ug/L	85
21) tert-Butyl alcohol	3.981	59	38654M1	97.993	ug/L	
22) Diisopropyl ether	4.269	45	242803	17.425	ug/L #	92
23) 1,1-Dichloroethane	4.400	63	134886	17.377	ug/L	96
24) Halothane	4.447	117	54373	17.002	ug/L	98
25) Acrylonitrile	4.450	53	18413M1	18.198	ug/L	

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A10.D
Acq On : 21 Jan 2026 08:26 pm
Operator : VOA111:JIC
Sample : I8260STD20PPB
Misc : WG2168016,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 22 13:07:38 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.623	59	241853	17.417	ug/L		90
27) Vinyl acetate	4.642	43	164199M1	17.088	ug/L		
28) cis-1,2-Dichloroethene	4.932	96	81848	16.876	ug/L		83
29) 2,2-Dichloropropane	5.033	77	110928	17.421	ug/L		88
30) Bromochloromethane	5.125	128	40908	17.857	ug/L	#	61
31) Cyclohexane	5.139	56	118892	17.361	ug/L	#	63
32) Chloroform	5.200	83	134518	17.367	ug/L		94
33) Ethyl acetate	5.314	43	55504M1	17.197	ug/L		
34) Carbon tetrachloride	5.345	117	103222	16.985	ug/L		99
35) Tetrahydrofuran	5.362	42	19750M6	18.763	ug/L		
37) 1,1,1-Trichloroethane	5.404	97	115551	17.315	ug/L		96
39) 2-Butanone	5.512	43	18321M1	16.187	ug/L		
40) 1,1-Dichloropropene	5.535	75	93670	17.165	ug/L		98
41) Benzene	5.783	78	292057	17.254	ug/L		90
42) tert-Amyl methyl ether	5.886	73	220575	17.460	ug/L		88
44) 1,2-Dichloroethane	5.984	62	96978	17.487	ug/L		98
47) Methyl cyclohexane	6.382	83	125717	17.445	ug/L	#	70
48) Trichloroethene	6.385	95	75995	16.841	ug/L		100
50) Dibromomethane	6.834	93	47171	17.694	ug/L		99
51) 1,2-Dichloropropane	6.932	63	78335	17.562	ug/L		95
53) 2-Chloroethyl vinyl ether	7.635	63	34632M1	17.255	ug/L		
54) Bromodichloromethane	7.004	83	109883	17.325	ug/L	#	97
57) 1,4-Dioxane	7.219	88	28365M1	1034.539	ug/L		
58) cis-1,3-Dichloropropene	7.704	75	125566	16.782	ug/L	#	88
61) Toluene	7.972	92	186704	17.651	ug/L		98
62) 4-Methyl-2-pentanone	8.407	58	21491	16.960	ug/L	#	82
63) Tetrachloroethene	8.427	166	81306	17.949	ug/L		98
65) trans-1,3-Dichloropropene	8.454	75	110376	17.063	ug/L	#	80
67) Ethyl methacrylate	8.641	69	84575	17.039	ug/L		99
68) 1,1,2-Trichloroethane	8.639	83	56022	17.815	ug/L		99
69) Chlorodibromomethane	8.853	129	83496	17.480	ug/L		98
70) 1,3-Dichloropropane	8.965	76	110324	17.482	ug/L		99
71) 1,2-Dibromoethane	9.143	107	66080	17.594	ug/L		100
72) 2-Hexanone	9.433	43	32009M1	16.821	ug/L		
73) Chlorobenzene	9.790	112	218228	17.649	ug/L	#	88
74) Ethylbenzene	9.832	91	363507	17.745	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.874	131	82052	17.634	ug/L		99
76) p/m Xylene	10.016	106	283150	35.362	ug/L		100
77) o Xylene	10.546	106	280967	35.267	ug/L		99
78) Styrene	10.610	104	470942	34.907	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A10.D
Acq On : 21 Jan 2026 08:26 pm
Operator : VOA111:JIC
Sample : I8260STD20PPB
Misc : WG2168016,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 22 13:07:38 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	10.641	173	52484	17.417	ug/L		99
82) Isopropylbenzene	10.920	105	358266	17.629	ug/L		100
84) Bromobenzene	11.352	156	94624	17.918	ug/L		99
85) n-Propylbenzene	11.391	91	422570	17.655	ug/L		99
86) 1,4-Dichlorobutane	11.405	55	115867	17.895	ug/L		97
87) 1,1,2,2-Tetrachloroethane	11.469	83	85275	17.967	ug/L		98
88) 4-Ethyltoluene	11.514	105	355885	17.754	ug/L		99
89) 2-Chlorotoluene	11.558	91	252881	17.969	ug/L		92
90) 1,3,5-Trimethylbenzene	11.608	105	301594	17.508	ug/L		98
91) 1,2,3-Trichloropropane	11.608	75	61326	17.209	ug/L		95
92) trans-1,4-Dichloro-2-b...	11.664	53	20549	16.028	ug/L	#	74
93) 4-Chlorotoluene	11.740	91	263117	17.691	ug/L		99
94) tert-Butylbenzene	11.943	119	262018	17.816	ug/L		98
97) 1,2,4-Trimethylbenzene	12.021	105	303413	17.733	ug/L		100
98) sec-Butylbenzene	12.133	105	385685	17.621	ug/L		99
99) p-Isopropyltoluene	12.283	119	336926	17.639	ug/L		99
100) 1,3-Dichlorobenzene	12.356	146	177938	17.875	ug/L		100
101) 1,4-Dichlorobenzene	12.445	146	180807	17.858	ug/L		99
102) p-Diethylbenzene	12.651	119	196989	17.367	ug/L		99
103) n-Butylbenzene	12.710	91	305214	17.547	ug/L		99
104) 1,2-Dichlorobenzene	12.863	146	167831	17.986	ug/L		99
105) 1,2,4,5-Tetramethylben...	13.438	119	297875	17.666	ug/L		100
106) 1,2-Dibromo-3-chloropr...	13.636	155	12321	17.504	ug/L		94
107) 1,3,5-Trichlorobenzene	13.666	180	126274	18.008	ug/L		99
108) Hexachlorobutadiene	14.235	225	59519	18.308	ug/L		99
109) 1,2,4-Trichlorobenzene	14.263	180	104127	18.411	ug/L		99
110) Naphthalene	14.556	128	188982	18.213	ug/L		100
111) 1,2,3-Trichlorobenzene	14.721	180	79827	18.604	ug/L		98

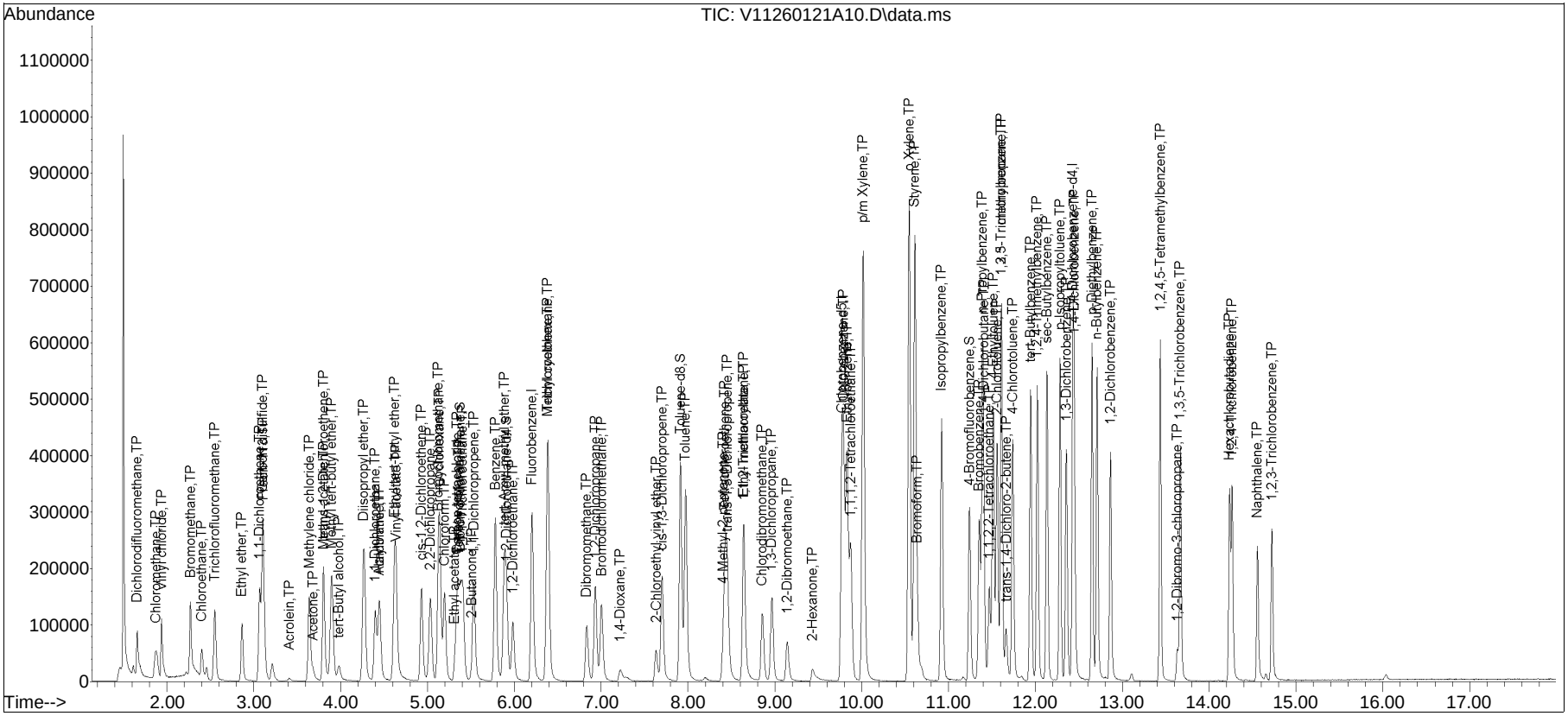
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A10.D
Acq On : 21 Jan 2026 08:26 pm
Operator : VOA111:JIC
Sample : I8260STD20PPB
Misc : WG2168016,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 22 13:07:38 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

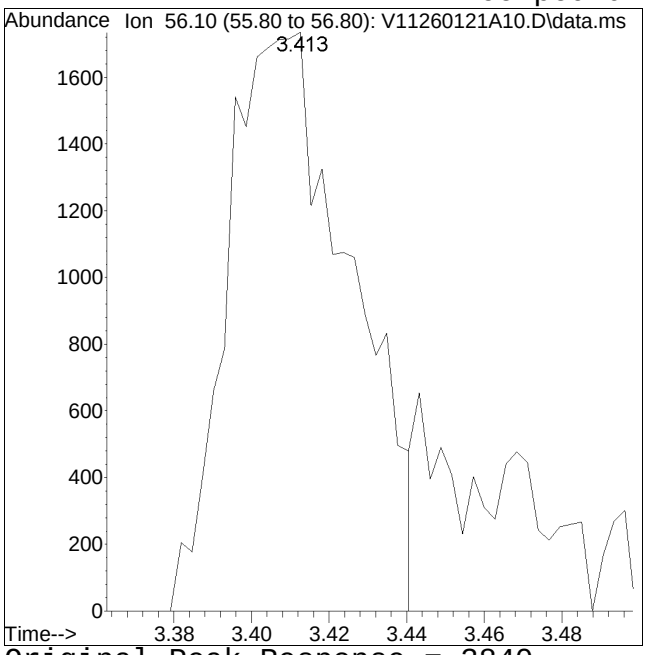
Sub List : 8260-CurveSoil - Megamix plus Diox60121A11.D•



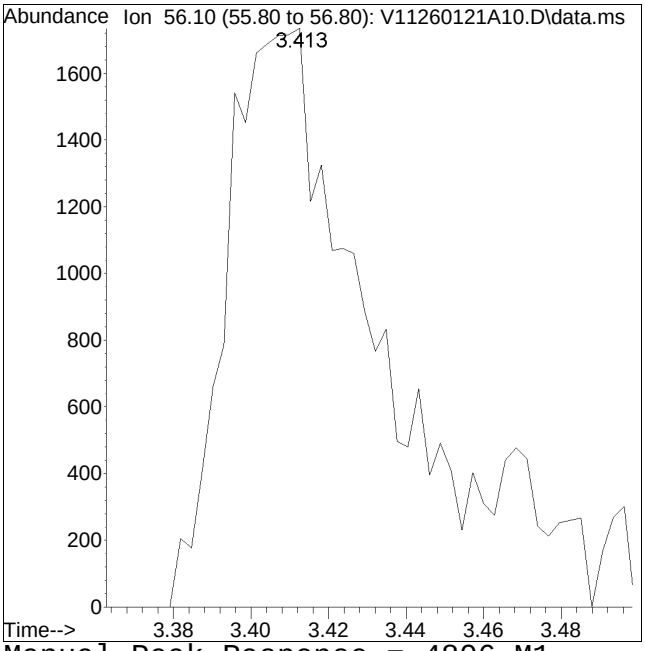
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A10.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:26 pm Instrument : VOA111
Sample : I8260STD20PPB Quant Date : 1/22/2026 12:36 pm

Compound #14: Acrolein



Original Peak Response = 3840



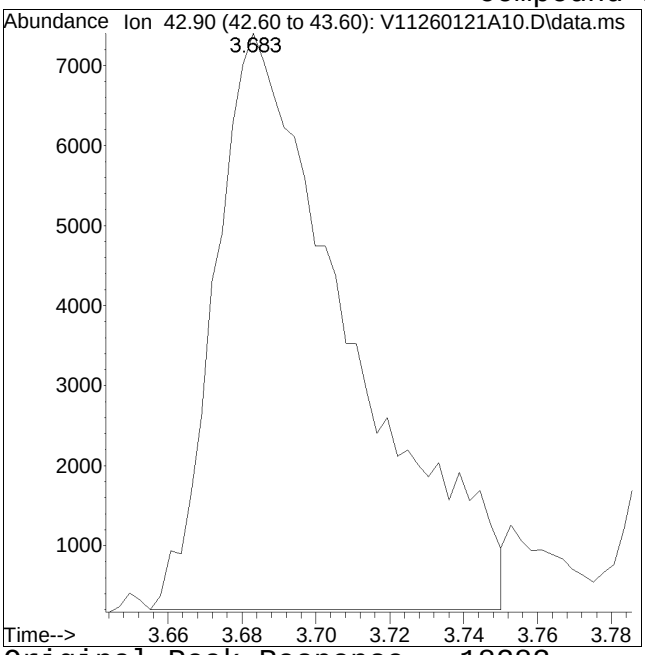
Manual Peak Response = 4806 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

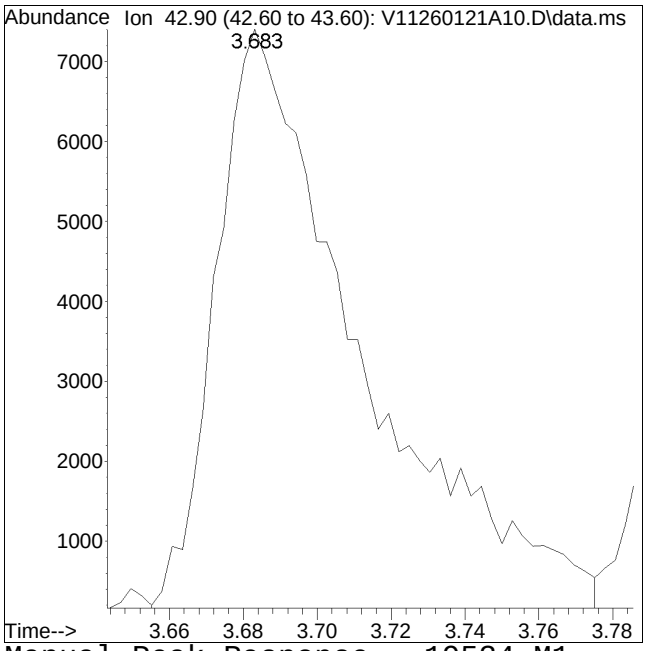
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A10.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:26 pm Instrument : VOA111
Sample : I8260STD20PPB Quant Date : 1/22/2026 12:36 pm

Compound #17: Acetone



Original Peak Response = 18283



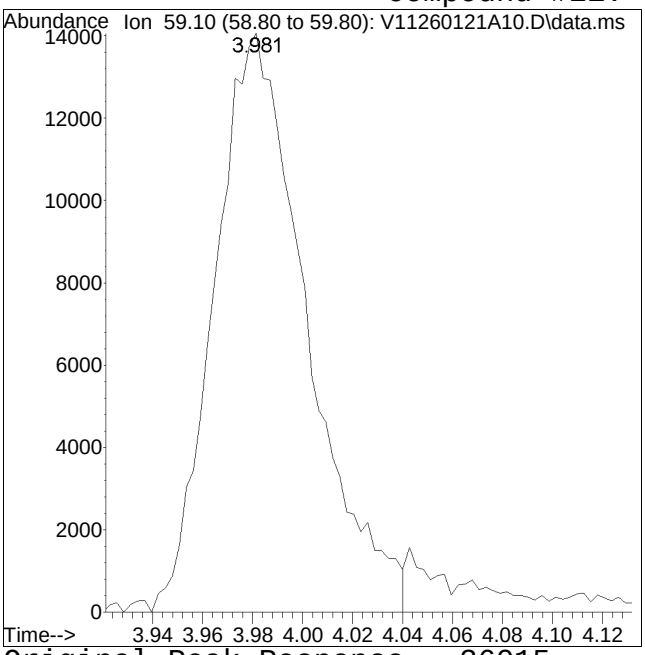
Manual Peak Response = 19534 M1

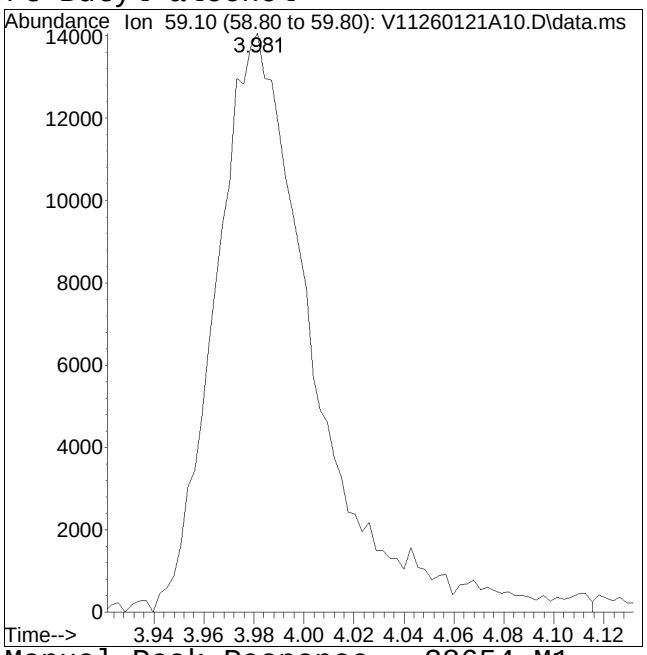
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A10.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:26 pm Instrument : VOA111
Sample : I8260STD20PPB Quant Date : 1/22/2026 12:36 pm

Compound #21: tert-Butyl alcohol



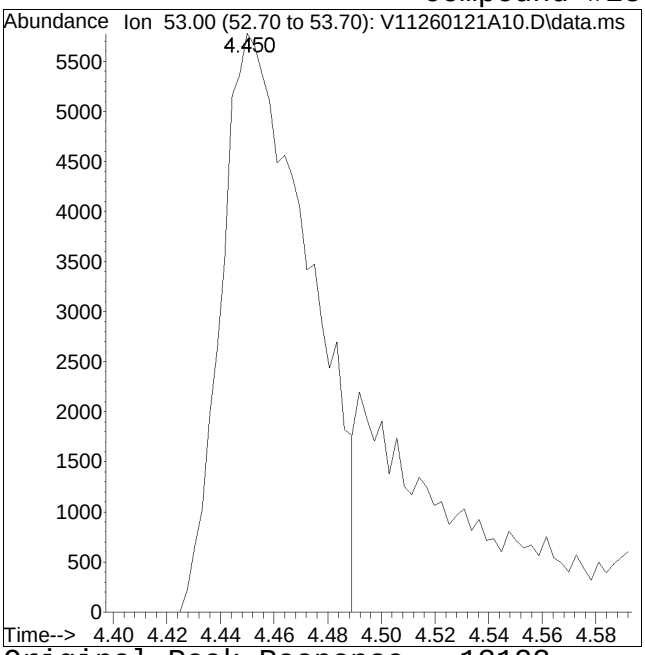


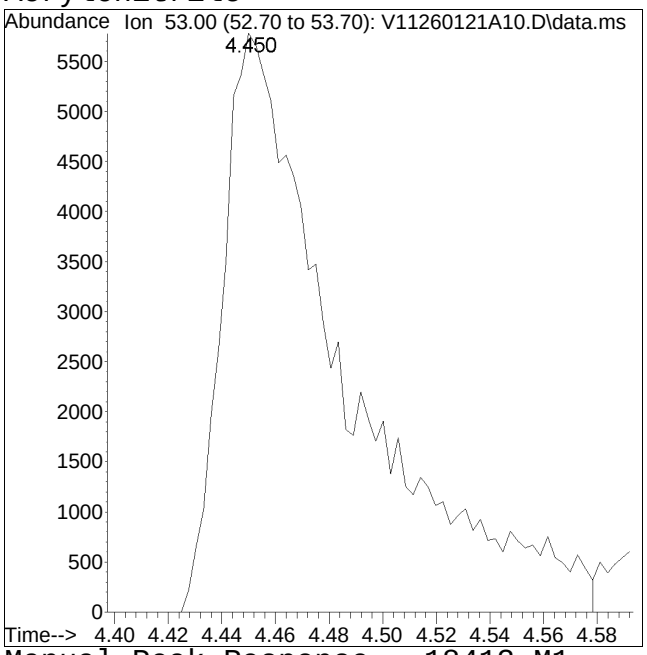
Original Peak Response = 36015 Manual Peak Response = 38654 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A10.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:26 pm Instrument : VOA111
Sample : I8260STD20PPB Quant Date : 1/22/2026 12:36 pm

Compound #25: Acrylonitrile



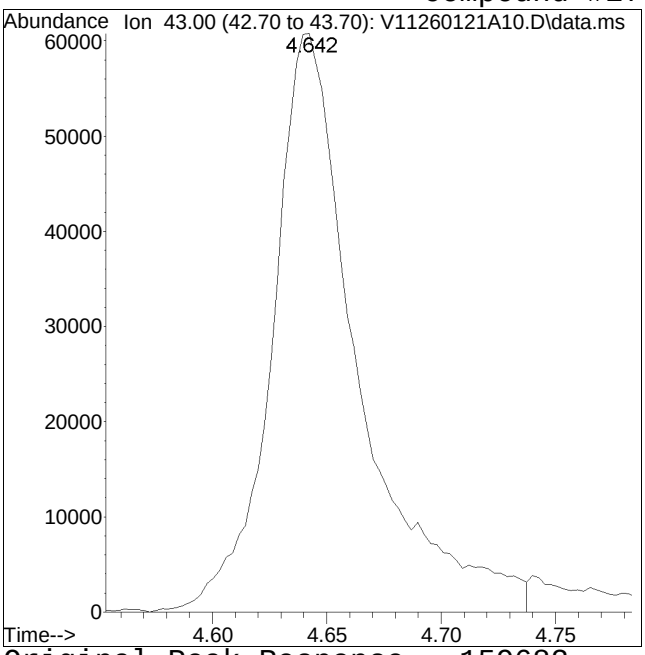


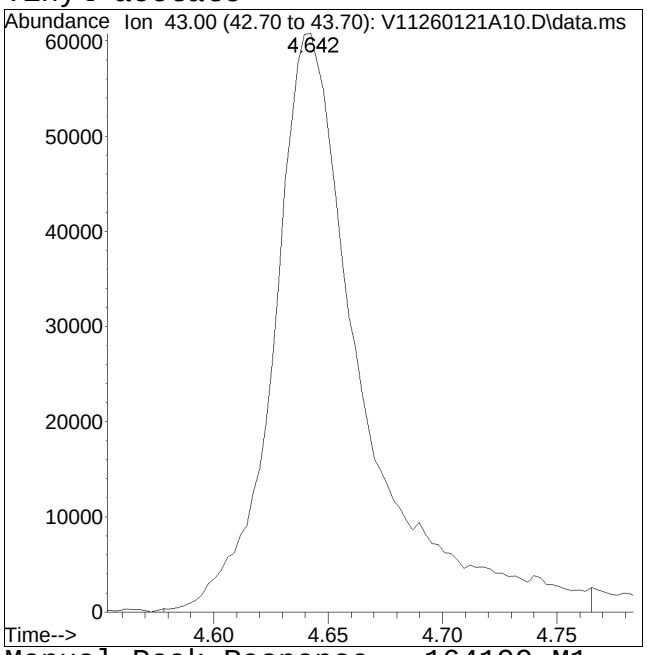
Original Peak Response = 13122 Manual Peak Response = 18413 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A10.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:26 pm Instrument : VOA111
Sample : I8260STD20PPB Quant Date : 1/22/2026 12:36 pm

Compound #27: Vinyl acetate



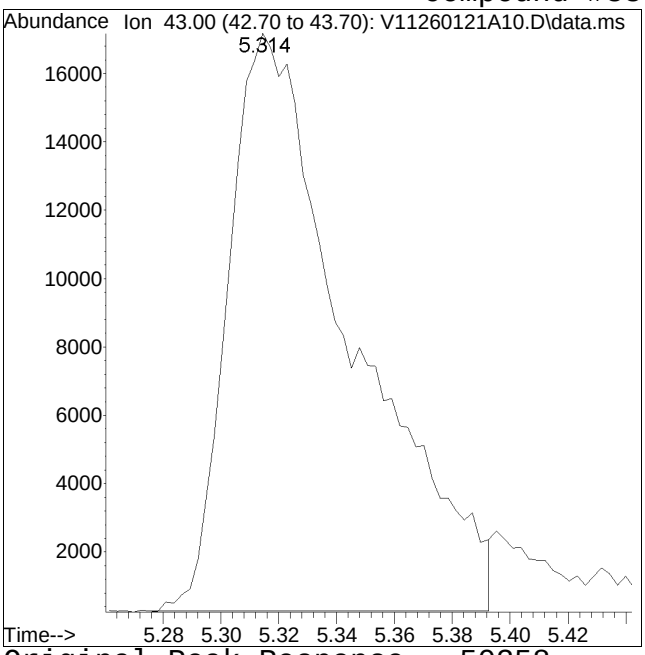


Original Peak Response = 159682 Manual Peak Response = 164199 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

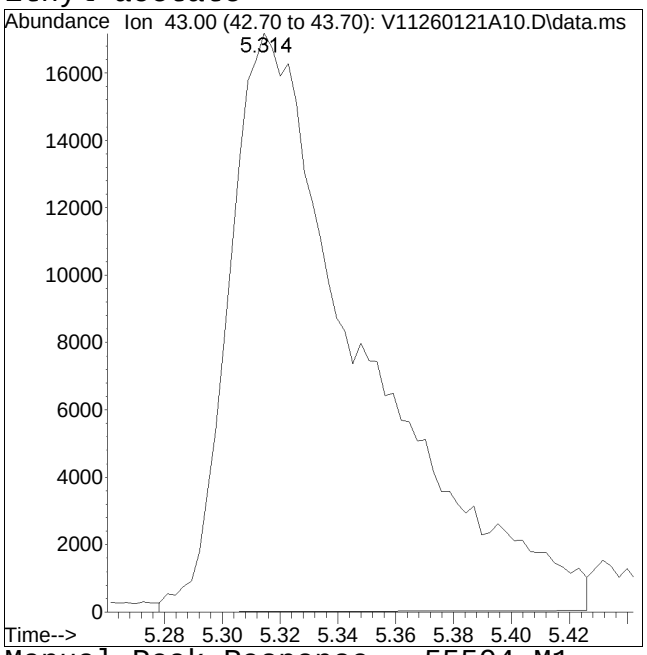
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A10.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:26 pm Instrument : VOA111
Sample : I8260STD20PPB Quant Date : 1/22/2026 12:36 pm

Compound #33: Ethyl acetate



Original Peak Response = 50358



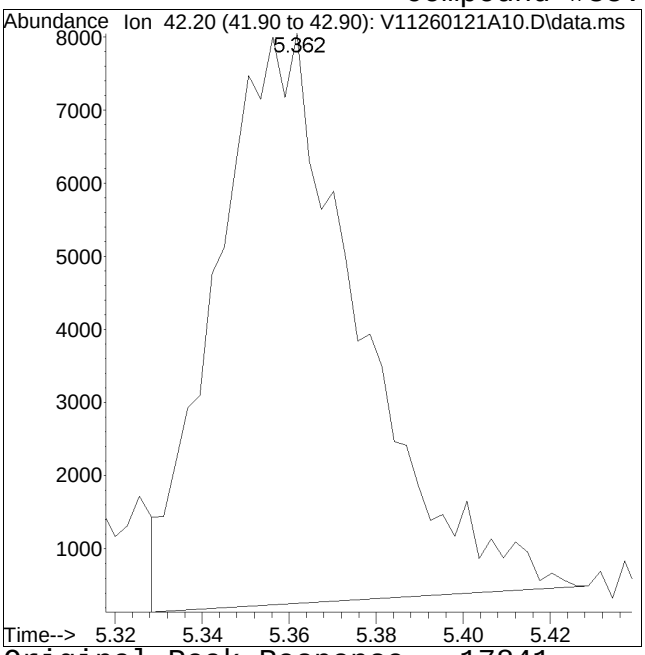
Manual Peak Response = 55504 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

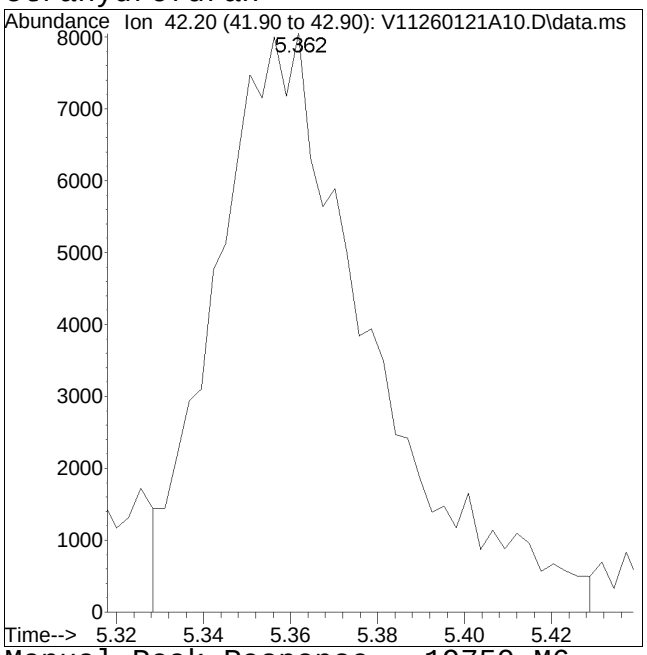
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A10.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:26 pm Instrument : VOA111
Sample : I8260STD20PPB Quant Date : 1/22/2026 12:36 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 17841



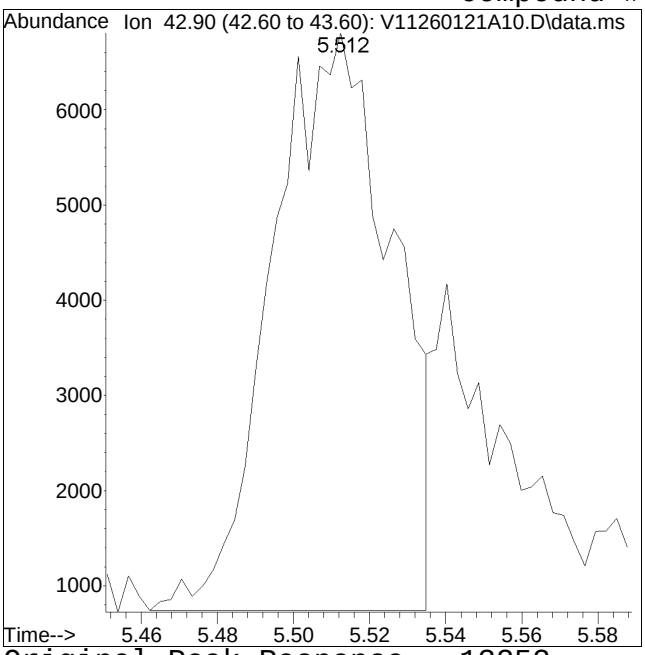
Manual Peak Response = 19750 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

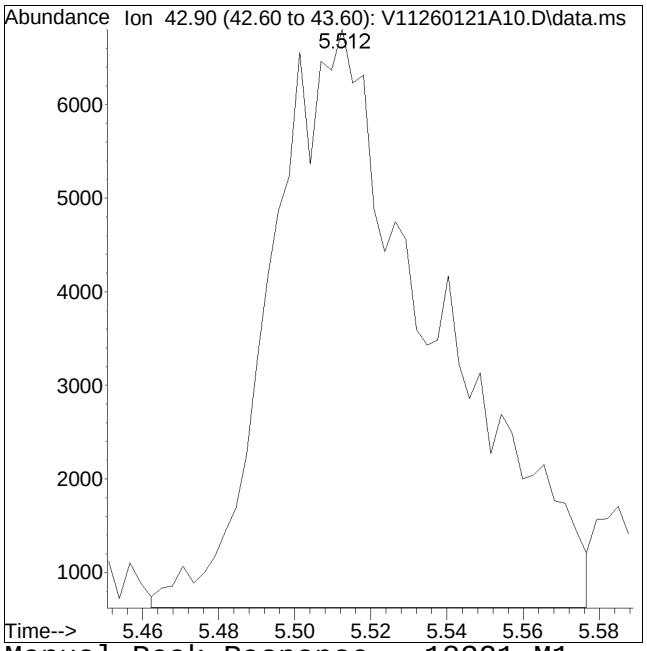
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A10.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:26 pm Instrument : VOA111
Sample : I8260STD20PPB Quant Date : 1/22/2026 12:36 pm

Compound #39: 2-Butanone



Original Peak Response = 13252



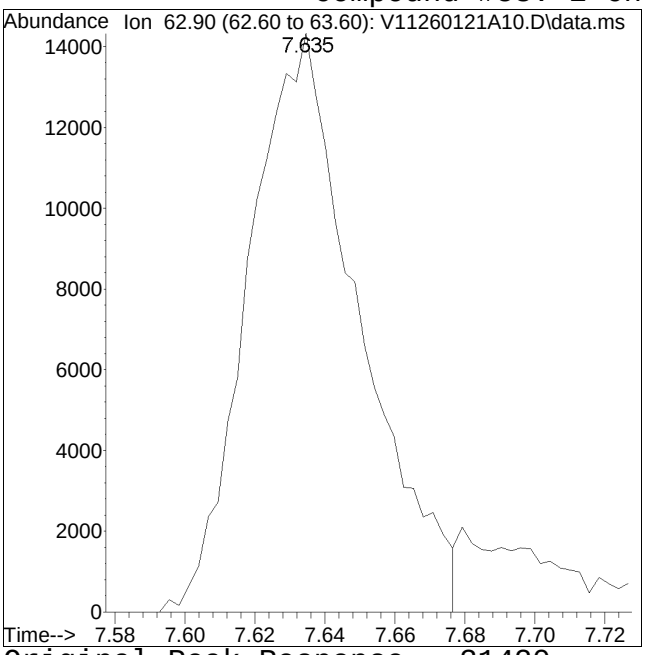
Manual Peak Response = 18321 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

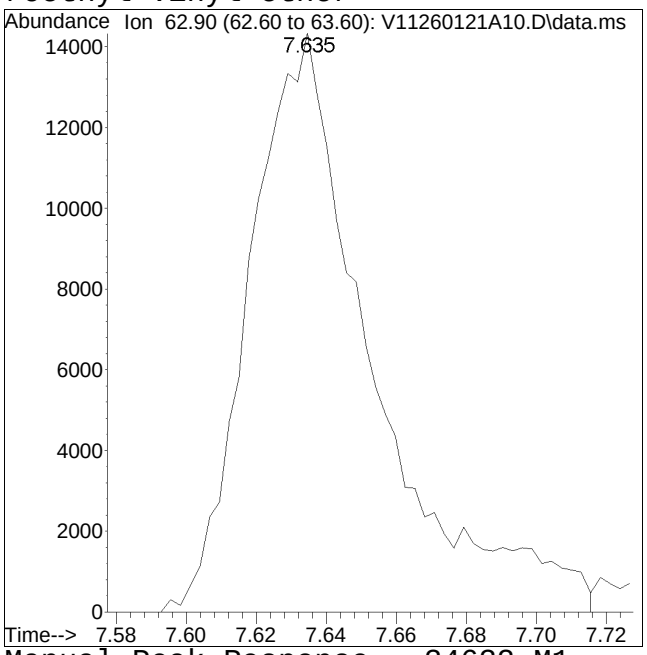
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A10.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:26 pm Instrument : VOA111
Sample : I8260STD20PPB Quant Date : 1/22/2026 12:36 pm

Compound #53: 2-Chloroethyl vinyl ether



Original Peak Response = 31420



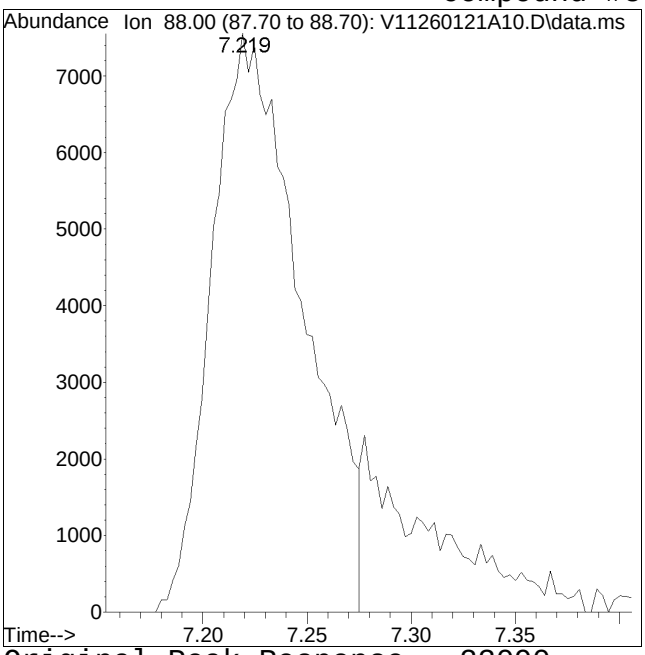
Manual Peak Response = 34632 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

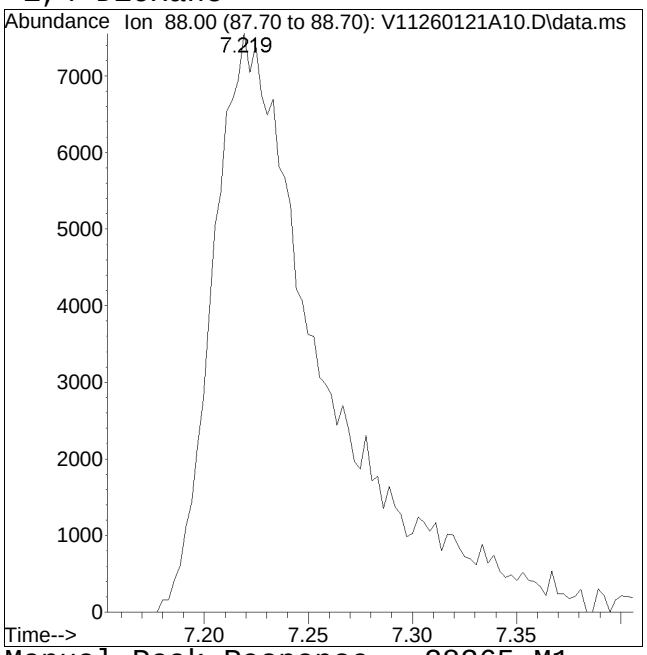
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A10.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:26 pm Instrument : VOA111
Sample : I8260STD20PPB Quant Date : 1/22/2026 12:36 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 23090



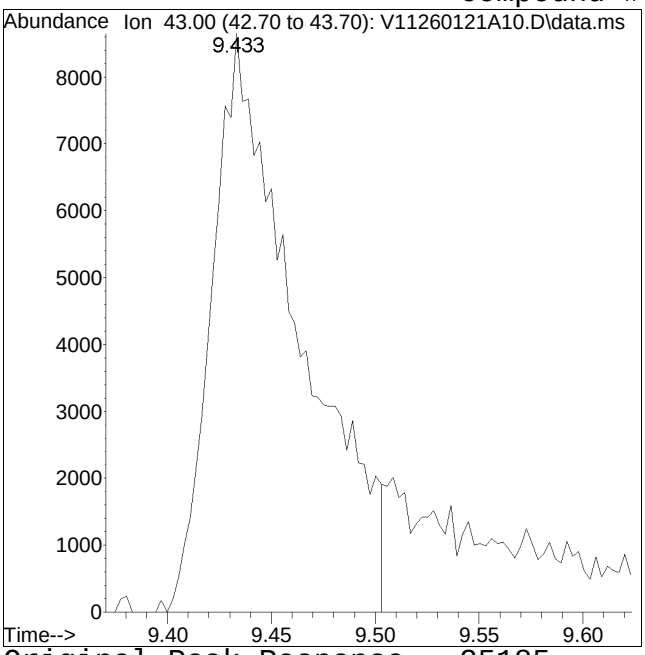
Manual Peak Response = 28365 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

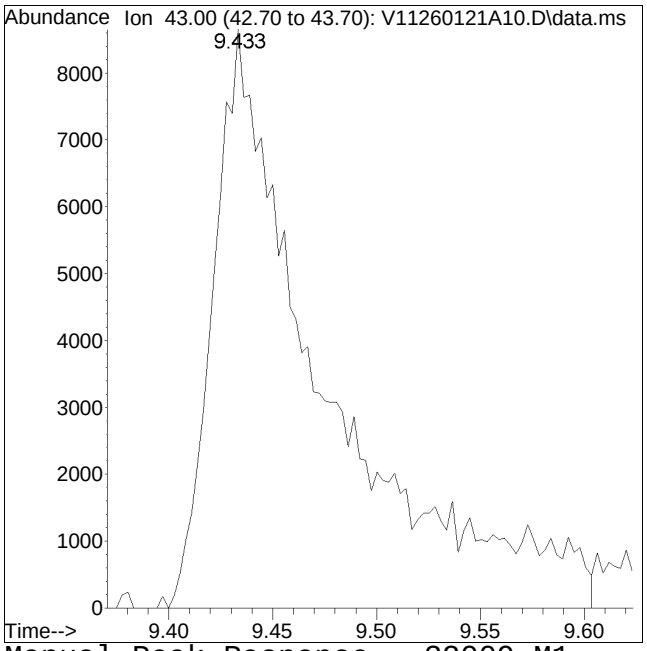
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A10.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:26 pm Instrument : VOA111
Sample : I8260STD20PPB Quant Date : 1/22/2026 12:36 pm

Compound #72: 2-Hexanone



Original Peak Response = 25185



Manual Peak Response = 32009 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A11.D
Acq On : 21 Jan 2026 08:52 pm
Operator : VOA111:JIC
Sample : I8260STD40PPB
Misc : WG2168016,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 22 12:34:21 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Oct 28 13:33:58 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.204	96	314816	20.000	ug/L	0.00
Standard Area 1 = 314816			Recovery = 100.00%			
59) Chlorobenzene-d5	9.771	117	240870	20.000	ug/L	0.00
Standard Area 1 = 240870			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.428	152	127427	20.000	ug/L	0.00
Standard Area 1 = 127427			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.373	113	79848	18.151	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 90.75%			
43) 1,2-Dichloroethane-d4	5.911	65	73871	17.195	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 85.97%			
60) Toluene-d8	7.914	98	311174	20.832	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.16%			
83) 4-Bromofluorobenzene	11.240	95	116653	22.496	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 112.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.661	85	175076	46.411	ug/L	95
3) Chloromethane	1.882	50	185279	55.557	ug/L	98
4) Vinyl chloride	1.937	62	209442	65.200	ug/L	97
5) Bromomethane	2.272	94	147983	76.353	ug/L	100
6) Chloroethane	2.403	64	119791	54.648	ug/L	96
7) Trichlorofluoromethane	2.551	101	243903	43.823	ug/L	97
8) Ethyl ether	2.863	74	97685	47.059	ug/L #	67
10) 1,1-Dichloroethene	3.070	96	148727	45.747	ug/L	79
11) Carbon disulfide	3.103	76	519317	47.212	ug/L	100
12) Freon-113	3.111	101	147526	50.479	ug/L	99
14) Acrolein	3.401	56	11687M1	38.512	ug/L	
15) Methylene chloride	3.641	84	180077	43.692	ug/L	68
17) Acetone	3.678	43	38476	25.103	ug/L #	85
18) trans-1,2-Dichloroethene	3.803	96	170677	44.192	ug/L	84
19) Methyl acetate	3.806	43	83021	52.997	ug/L #	82
20) Methyl tert-butyl ether	3.895	73	505501	43.379	ug/L #	85
21) tert-Butyl alcohol	3.979	59	78074	213.906	ug/L	90
22) Diisopropyl ether	4.269	45	551584	55.047	ug/L #	91
23) 1,1-Dichloroethane	4.400	63	307274	48.333	ug/L	96
24) Halothane	4.444	117	126596	44.452	ug/L	98
25) Acrylonitrile	4.444	53	40053	53.509	ug/L	90

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A11.D
Acq On : 21 Jan 2026 08:52 pm
Operator : VOA111:JIC
Sample : I8260STD40PPB
Misc : WG2168016,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 22 12:34:21 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Oct 28 13:33:58 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.626	59	549687	49.395	ug/L		92
27) Vinyl acetate	4.637	43	380369	54.569	ug/L	#	91
28) cis-1,2-Dichloroethene	4.930	96	191993	42.779	ug/L	#	83
29) 2,2-Dichloropropane	5.033	77	252068	40.101	ug/L		88
30) Bromochloromethane	5.128	128	90686	40.204	ug/L	#	63
31) Cyclohexane	5.142	56	271094	60.211	ug/L	#	63
32) Chloroform	5.200	83	306620	40.155	ug/L		95
33) Ethyl acetate	5.309	43	127763	49.767	ug/L	#	96
34) Carbon tetrachloride	5.342	117	240571	38.489	ug/L		99
35) Tetrahydrofuran	5.356	42	41667M4	52.456	ug/L		
37) 1,1,1-Trichloroethane	5.404	97	264180	38.785	ug/L		96
39) 2-Butanone	5.496	43	44804	40.450	ug/L	#	73
40) 1,1-Dichloropropene	5.535	75	216015	47.444	ug/L		99
41) Benzene	5.780	78	670059	48.047	ug/L		90
42) tert-Amyl methyl ether	5.886	73	500101	43.757	ug/L		88
44) 1,2-Dichloroethane	5.984	62	219533	39.759	ug/L		98
47) Methyl cyclohexane	6.380	83	285279	52.637	ug/L	#	69
48) Trichloroethene	6.388	95	178630	41.831	ug/L		98
50) Dibromomethane	6.832	93	105530	39.643	ug/L		97
51) 1,2-Dichloropropane	6.932	63	176574	49.571	ug/L		96
53) 2-Chloroethyl vinyl ether	7.626	63	79450	43.835	ug/L	#	81
54) Bromodichloromethane	7.004	83	251068	39.572	ug/L		99
57) 1,4-Dioxane	7.219	88	54268M1	1722.214	ug/L		
58) cis-1,3-Dichloropropene	7.699	75	296190	45.606	ug/L	#	87
61) Toluene	7.972	92	424535	48.504	ug/L		97
62) 4-Methyl-2-pentanone	8.399	58	50859	51.519	ug/L	#	80
63) Tetrachloroethene	8.427	166	181813	41.033	ug/L		99
65) trans-1,3-Dichloropropene	8.449	75	259627	45.953	ug/L	#	82
67) Ethyl methacrylate	8.639	69	199222	49.938	ug/L		97
68) 1,1,2-Trichloroethane	8.636	83	126215	47.205	ug/L		100
69) Chlorodibromomethane	8.853	129	191719	40.245	ug/L		98
70) 1,3-Dichloropropane	8.962	76	253291	49.053	ug/L		99
71) 1,2-Dibromoethane	9.141	107	150747	44.696	ug/L		100
72) 2-Hexanone	9.422	43	76377M1	48.297	ug/L		
73) Chlorobenzene	9.793	112	496276	46.194	ug/L	#	89
74) Ethylbenzene	9.832	91	822189	48.380	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.874	131	186760	41.282	ug/L		99
76) p/m Xylene	10.016	106	642757	98.828	ug/L		100
77) o Xylene	10.543	106	639509	97.312	ug/L		99
78) Styrene	10.607	104	1082977	100.105	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A11.D
Acq On : 21 Jan 2026 08:52 pm
Operator : VOA111:JIC
Sample : I8260STD40PPB
Misc : WG2168016,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 22 12:34:21 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Oct 28 13:33:58 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	10.635	173	121473	39.470	ug/L		99
82) Isopropylbenzene	10.917	105	819192	52.753	ug/L		100
84) Bromobenzene	11.352	156	212877	44.353	ug/L		99
85) n-Propylbenzene	11.388	91	964839	55.160	ug/L		100
86) 1,4-Dichlorobutane	11.402	55	261009	63.008	ug/L		96
87) 1,1,2,2-Tetrachloroethane	11.466	83	191320	53.521	ug/L		99
88) 4-Ethyltoluene	11.511	105	808014	53.516	ug/L		100
89) 2-Chlorotoluene	11.556	91	567300	52.503	ug/L		91
90) 1,3,5-Trimethylbenzene	11.609	105	694386	52.436	ug/L		99
91) 1,2,3-Trichloropropane	11.606	75	143653	53.133	ug/L		98
92) trans-1,4-Dichloro-2-b...	11.659	53	51681	52.863	ug/L	#	75
93) 4-Chlorotoluene	11.737	91	599536	52.266	ug/L		99
94) tert-Butylbenzene	11.946	119	592846	51.534	ug/L		99
97) 1,2,4-Trimethylbenzene	12.021	105	689697	53.805	ug/L		99
98) sec-Butylbenzene	12.133	105	882328	56.589	ug/L		99
99) p-Isopropyltoluene	12.283	119	769981	54.138	ug/L		99
100) 1,3-Dichlorobenzene	12.356	146	401280	47.173	ug/L		100
101) 1,4-Dichlorobenzene	12.445	146	408125	46.786	ug/L		99
102) p-Diethylbenzene	12.652	119	457223	54.856	ug/L		100
103) n-Butylbenzene	12.710	91	701159	65.029	ug/L		100
104) 1,2-Dichlorobenzene	12.863	146	376136	47.227	ug/L		99
105) 1,2,4,5-Tetramethylben...	13.435	119	679703	61.391	ug/L		100
106) 1,2-Dibromo-3-chloropr...	13.633	155	28375	39.574	ug/L		97
107) 1,3,5-Trichlorobenzene	13.667	180	282668	44.810	ug/L		99
108) Hexachlorobutadiene	14.235	225	131049	38.500	ug/L		99
109) 1,2,4-Trichlorobenzene	14.263	180	227978	46.540	ug/L		99
110) Naphthalene	14.553	128	418266	60.807	ug/L		100
111) 1,2,3-Trichlorobenzene	14.721	180	172969	44.284	ug/L		98

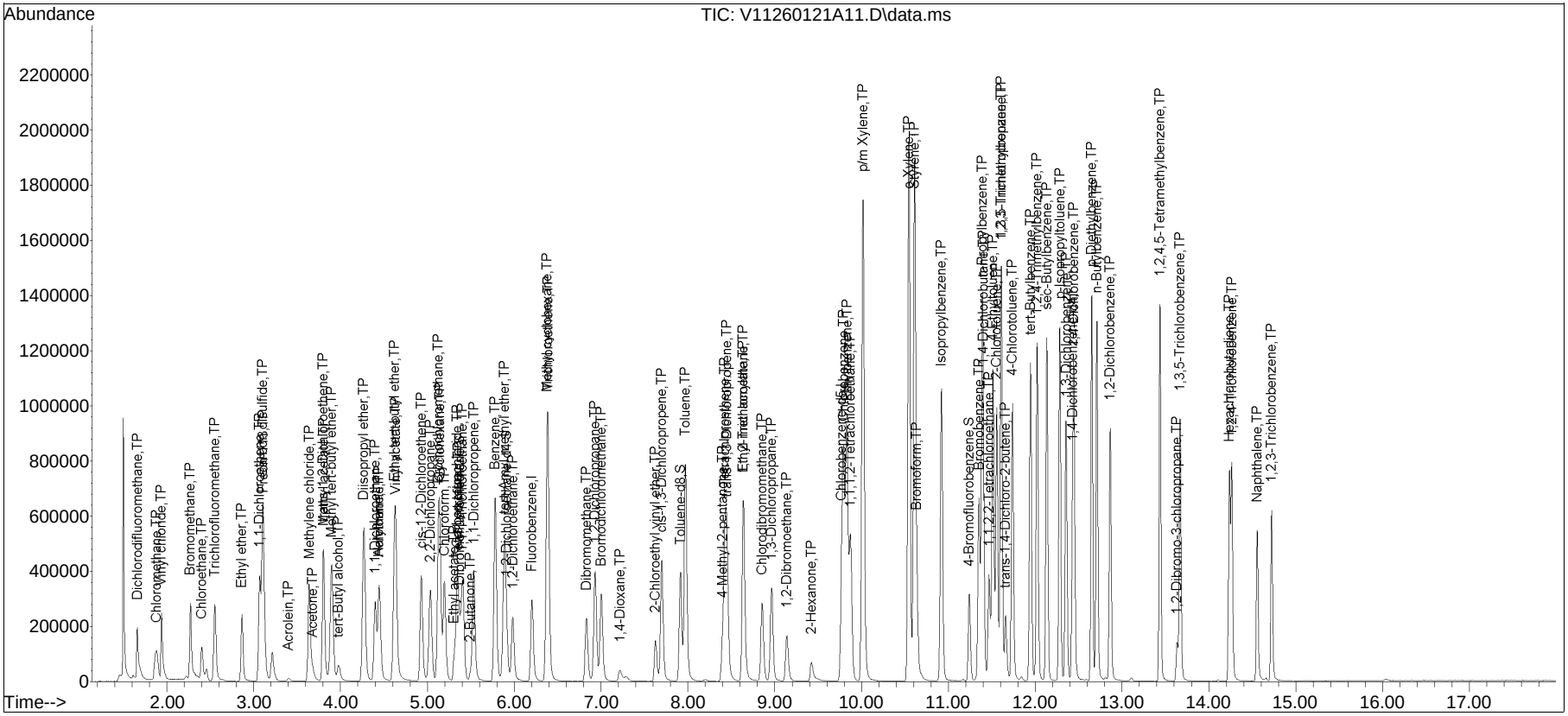
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A11.D
Acq On : 21 Jan 2026 08:52 pm
Operator : VOA111:JIC
Sample : I8260STD40PPB
Misc : WG2168016,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 22 12:34:21 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Oct 28 13:33:58 2025
Response via : Initial Calibration

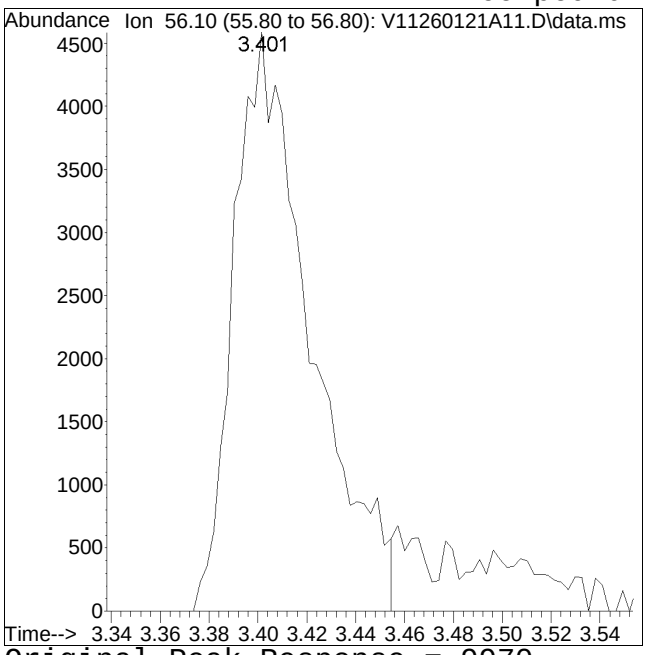
Sub List : 8260-CurveSoil - Megamix plus Diox60121A11.D•

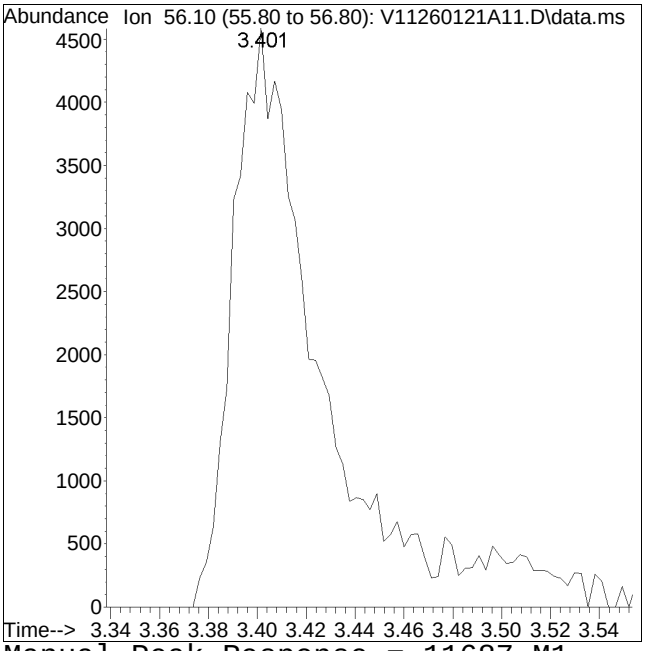


Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A11.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:52 pm Instrument : VOA111
Sample : I8260STD40PPB Quant Date : 1/22/2026 12:29 pm

Compound #14: Acrolein



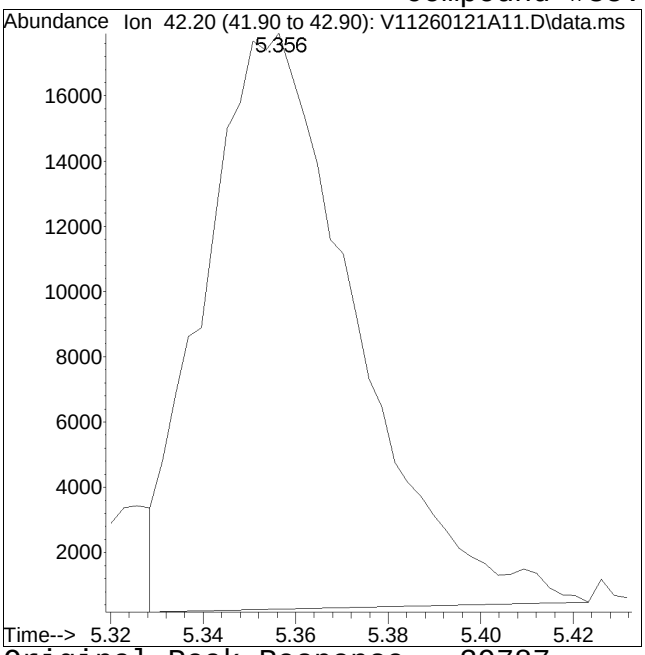


Original Peak Response = 9970 Manual Peak Response = 11687 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

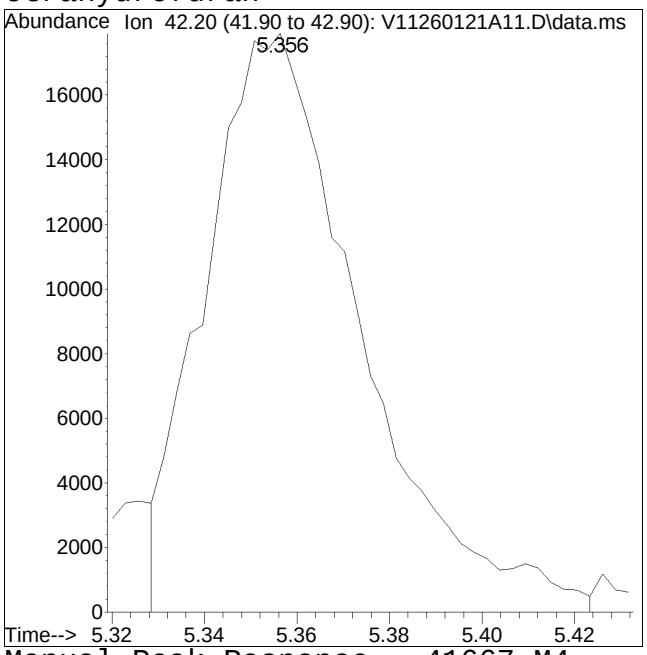
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A11.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:52 pm Instrument : VOA111
Sample : I8260STD40PPB Quant Date : 1/22/2026 12:29 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 39787



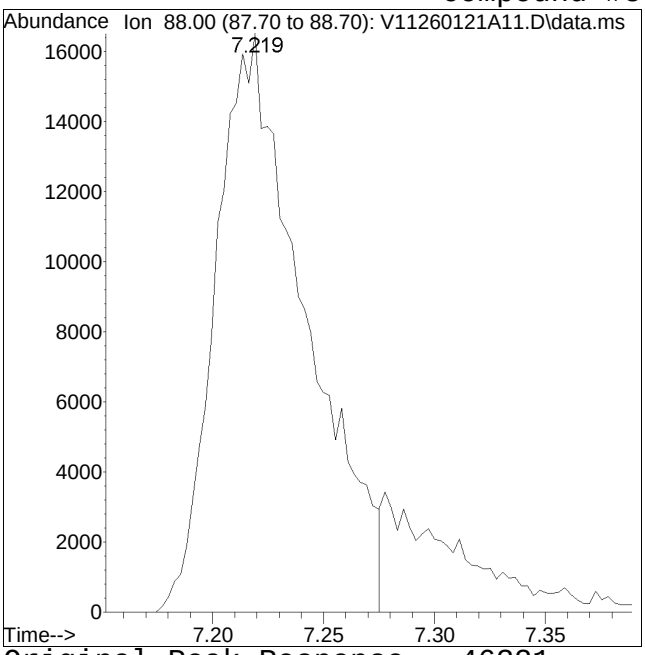
Manual Peak Response = 41667 M4

M4 = Poor automated baseline construction.

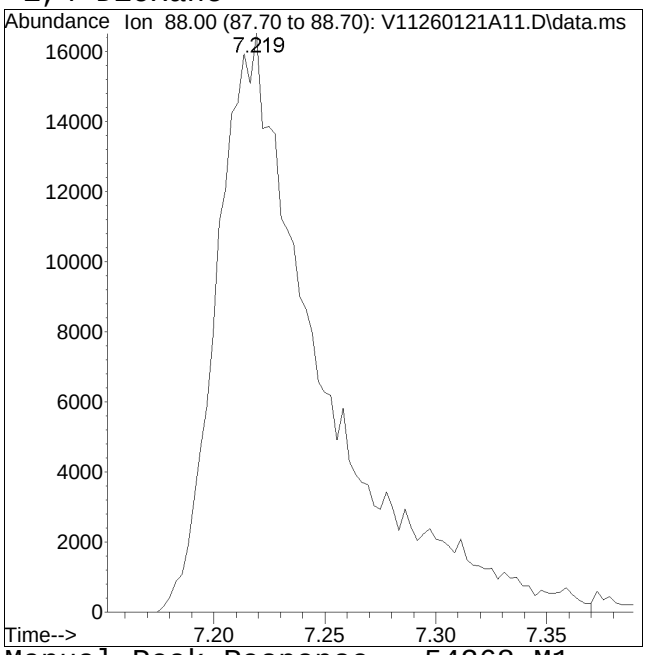
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A11.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:52 pm Instrument : VOA111
Sample : I8260STD40PPB Quant Date : 1/22/2026 12:29 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 46321



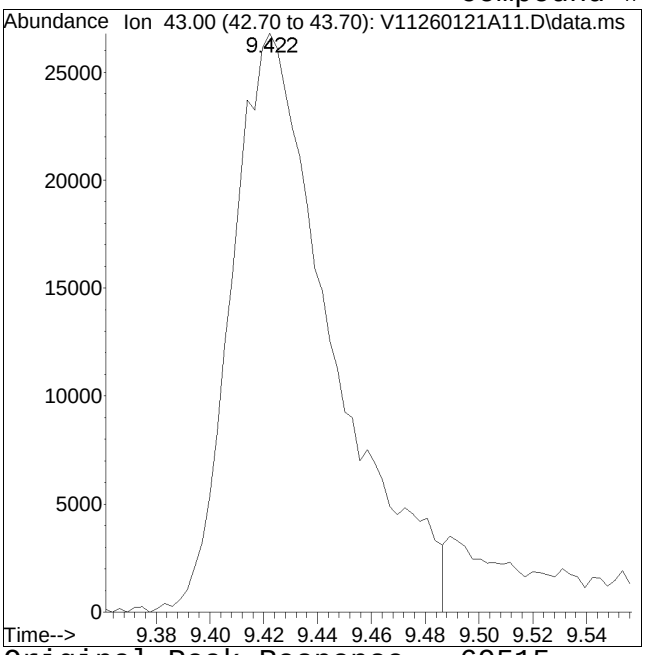
Manual Peak Response = 54268 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

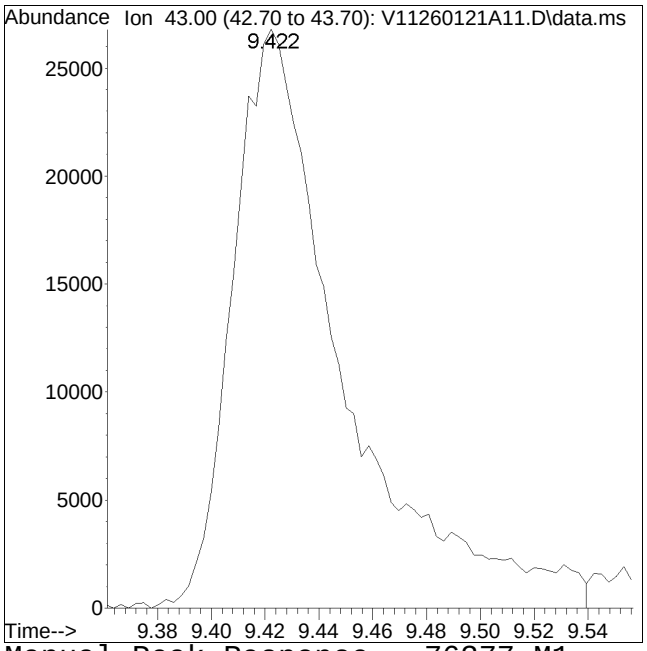
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A11.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 8:52 pm Instrument : VOA111
Sample : I8260STD40PPB Quant Date : 1/22/2026 12:29 pm

Compound #72: 2-Hexanone



Original Peak Response = 69515



Manual Peak Response = 76377 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A12.D
Acq On : 21 Jan 2026 09:18 pm
Operator : VOA111:JIC
Sample : I8260STD100PPB
Misc : WG2168016,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 22 13:08:39 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.204	96	319203	20.000 ug/L	0.00
Standard Area 1 = 314816			Recovery = 101.39%		
59) Chlorobenzene-d5	9.771	117	245638	20.000 ug/L	0.00
Standard Area 1 = 240870			Recovery = 101.98%		
79) 1,4-Dichlorobenzene-d4	12.428	152	131227	20.000 ug/L	0.00
Standard Area 1 = 127427			Recovery = 102.98%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.376	113	79929	19.745 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.73%		
43) 1,2-Dichloroethane-d4	5.917	65	75144	20.065 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.33%		
60) Toluene-d8	7.913	98	315909	19.910 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.55%		
83) 4-Bromofluorobenzene	11.240	95	119173	19.840 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.20%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.658	85	422797	95.270 ug/L	97
3) Chloromethane	1.882	50	442415	94.201 ug/L	98
4) Vinyl chloride	1.937	62	501093	94.385 ug/L	97
5) Bromomethane	2.272	94	324911	86.617 ug/L	98
6) Chloroethane	2.397	64	294605	97.021 ug/L	96
7) Trichlorofluoromethane	2.551	101	599618	96.986 ug/L	98
8) Ethyl ether	2.863	74	230453	93.069 ug/L #	67
10) 1,1-Dichloroethene	3.067	96	355792	94.375 ug/L	80
11) Carbon disulfide	3.103	76	1243393	94.455 ug/L	100
12) Freon-113	3.109	101	361812	96.753 ug/L	98
14) Acrolein	3.399	56	26494M1	89.432 ug/L	
15) Methylene chloride	3.638	84	420940	92.217 ug/L	68
17) Acetone	3.675	43	97862	100.340 ug/L #	87
18) trans-1,2-Dichloroethene	3.803	96	406510	93.961 ug/L	85
19) Methyl acetate	3.800	43	200255	95.158 ug/L #	82
20) Methyl tert-butyl ether	3.898	73	1178621	91.982 ug/L #	84
21) tert-Butyl alcohol	3.976	59	183643	463.968 ug/L	91
22) Diisopropyl ether	4.266	45	1321829	94.540 ug/L #	92
23) 1,1-Dichloroethane	4.400	63	728593	93.543 ug/L	96
24) Halothane	4.444	117	302747	94.343 ug/L	98
25) Acrylonitrile	4.436	53	105376	103.790 ug/L	97

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A12.D
Acq On : 21 Jan 2026 09:18 pm
Operator : VOA111:JIC
Sample : I8260STD100PPB
Misc : WG2168016,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 22 13:08:39 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.623	59	1295124	92.949	ug/L		94
27) Vinyl acetate	4.634	43	944354	97.944	ug/L	#	91
28) cis-1,2-Dichloroethene	4.927	96	455219	93.537	ug/L		83
29) 2,2-Dichloropropane	5.033	77	606733	94.958	ug/L		88
30) Bromochloromethane	5.125	128	209271	91.037	ug/L	#	64
31) Cyclohexane	5.139	56	659646	95.993	ug/L	#	62
32) Chloroform	5.194	83	728561	93.738	ug/L		95
33) Ethyl acetate	5.303	43	310098	95.751	ug/L	#	95
34) Carbon tetrachloride	5.342	117	584673	95.878	ug/L		99
35) Tetrahydrofuran	5.353	42	95133	90.072	ug/L	#	62
37) 1,1,1-Trichloroethane	5.406	97	631404	94.288	ug/L		96
39) 2-Butanone	5.493	43	119489	105.211	ug/L	#	86
40) 1,1-Dichloropropene	5.532	75	527534	96.342	ug/L		100
41) Benzene	5.777	78	1595230	93.920	ug/L		90
42) tert-Amyl methyl ether	5.886	73	1186018	93.559	ug/L		88
44) 1,2-Dichloroethane	5.981	62	524648	94.280	ug/L		98
47) Methyl cyclohexane	6.380	83	716608	99.097	ug/L	#	69
48) Trichloroethene	6.382	95	430596	95.097	ug/L		99
50) Dibromomethane	6.826	93	251004	93.833	ug/L		97
51) 1,2-Dichloropropane	6.932	63	424921	94.936	ug/L		96
53) 2-Chloroethyl vinyl ether	7.623	63	207175	102.871	ug/L	#	79
54) Bromodichloromethane	7.002	83	600057	94.287	ug/L		99
57) 1,4-Dioxane	7.213	88	137433	4995.363	ug/L	#	70
58) cis-1,3-Dichloropropene	7.696	75	705888	94.019	ug/L	#	88
61) Toluene	7.972	92	1040159	96.102	ug/L		98
62) 4-Methyl-2-pentanone	8.396	58	126848	97.828	ug/L	#	78
63) Tetrachloroethene	8.427	166	450082	97.099	ug/L		100
65) trans-1,3-Dichloropropene	8.449	75	627013	94.727	ug/L	#	83
67) Ethyl methacrylate	8.636	69	503279	99.087	ug/L		94
68) 1,1,2-Trichloroethane	8.636	83	297002	92.299	ug/L		99
69) Chlorodibromomethane	8.856	129	466562	95.453	ug/L		98
70) 1,3-Dichloropropane	8.962	76	605523	93.769	ug/L		99
71) 1,2-Dibromoethane	9.138	107	360198	93.722	ug/L		99
72) 2-Hexanone	9.414	43	203682	104.601	ug/L		90
73) Chlorobenzene	9.790	112	1199361	94.792	ug/L	#	89
74) Ethylbenzene	9.829	91	2028391	96.767	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.871	131	457408	96.065	ug/L		100
76) p/m Xylene	10.016	106	1582508	193.142	ug/L		99
77) o Xylene	10.546	106	1569511	192.528	ug/L		99
78) Styrene	10.610	104	2724150	197.328	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A12.D
Acq On : 21 Jan 2026 09:18 pm
Operator : VOA111:JIC
Sample : I8260STD100PPB
Misc : WG2168016,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 22 13:08:39 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	10.635	173	300557	96.105	ug/L		99
82) Isopropylbenzene	10.920	105	2050162	97.208	ug/L		100
84) Bromobenzene	11.349	156	521625	95.176	ug/L		100
85) n-Propylbenzene	11.388	91	2435425	98.043	ug/L		100
86) 1,4-Dichlorobutane	11.402	55	638074	94.954	ug/L		95
87) 1,1,2,2-Tetrachloroethane	11.466	83	458616	93.108	ug/L		98
88) 4-Ethyltoluene	11.511	105	2030826	97.623	ug/L		100
89) 2-Chlorotoluene	11.555	91	1408037	96.405	ug/L		92
90) 1,3,5-Trimethylbenzene	11.608	105	1728236	96.672	ug/L		100
91) 1,2,3-Trichloropropane	11.608	75	347841	94.051	ug/L		98
92) trans-1,4-Dichloro-2-b...	11.659	53	132067	99.257	ug/L	#	79
93) 4-Chlorotoluene	11.737	91	1493456	96.755	ug/L		100
94) tert-Butylbenzene	11.943	119	1482537	97.132	ug/L		99
97) 1,2,4-Trimethylbenzene	12.021	105	1735675	97.748	ug/L		99
98) sec-Butylbenzene	12.133	105	2246869	98.911	ug/L		99
99) p-Isopropyltoluene	12.283	119	1963853	99.067	ug/L		100
100) 1,3-Dichlorobenzene	12.353	146	1000216	96.815	ug/L		99
101) 1,4-Dichlorobenzene	12.445	146	1010101	96.132	ug/L		99
102) p-Diethylbenzene	12.651	119	1167014	99.139	ug/L		100
103) n-Butylbenzene	12.707	91	1798086	99.608	ug/L		99
104) 1,2-Dichlorobenzene	12.863	146	936237	96.681	ug/L		100
105) 1,2,4,5-Tetramethylben...	13.435	119	1731117	98.925	ug/L		100
106) 1,2-Dibromo-3-chloropr...	13.633	155	73219	100.227	ug/L		98
107) 1,3,5-Trichlorobenzene	13.666	180	712435	97.896	ug/L		99
108) Hexachlorobutadiene	14.235	225	324694	96.236	ug/L		100
109) 1,2,4-Trichlorobenzene	14.260	180	572694	97.573	ug/L		99
110) Naphthalene	14.553	128	1053214	97.805	ug/L		100
111) 1,2,3-Trichlorobenzene	14.721	180	434312	97.529	ug/L		97

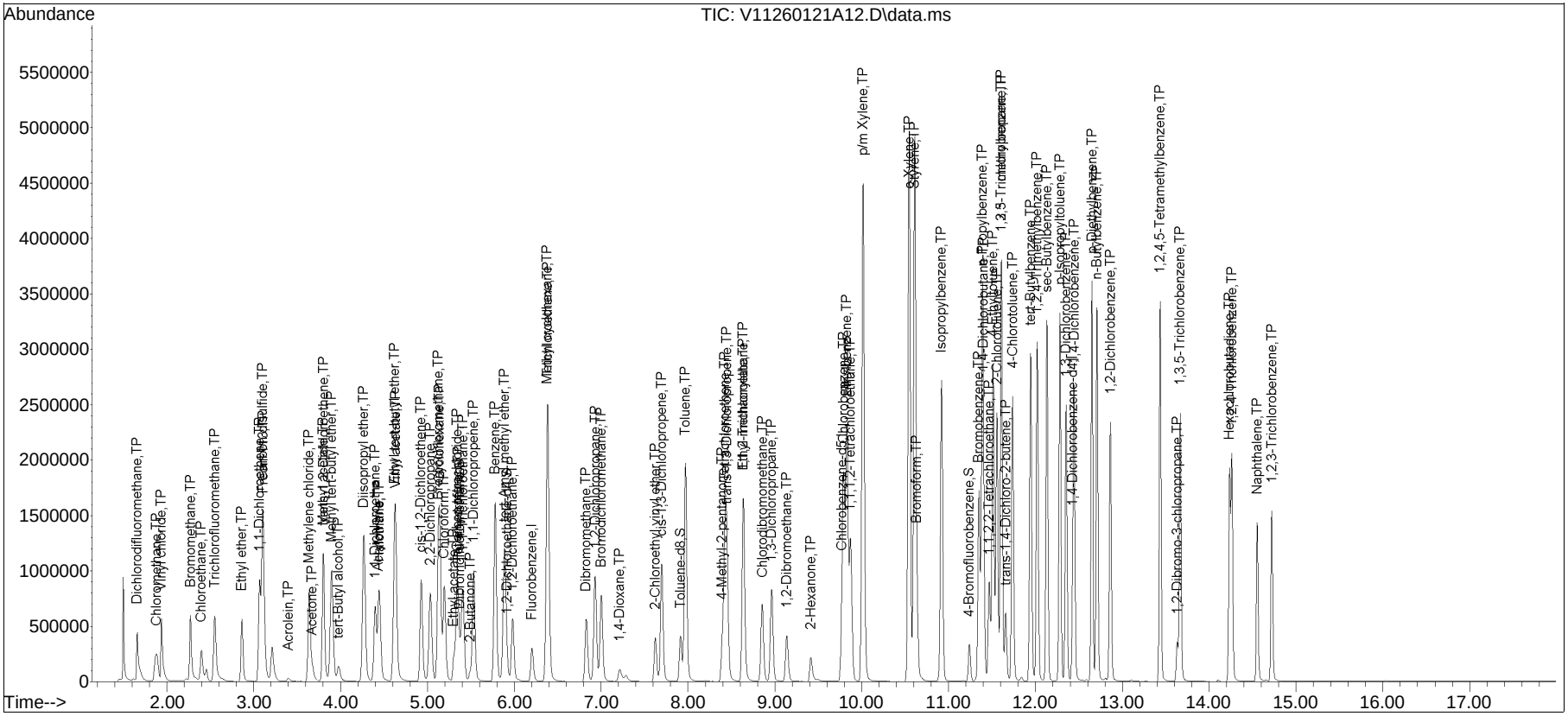
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A12.D
Acq On : 21 Jan 2026 09:18 pm
Operator : VOA111:JIC
Sample : I8260STD100PPB
Misc : WG2168016,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 22 13:08:39 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

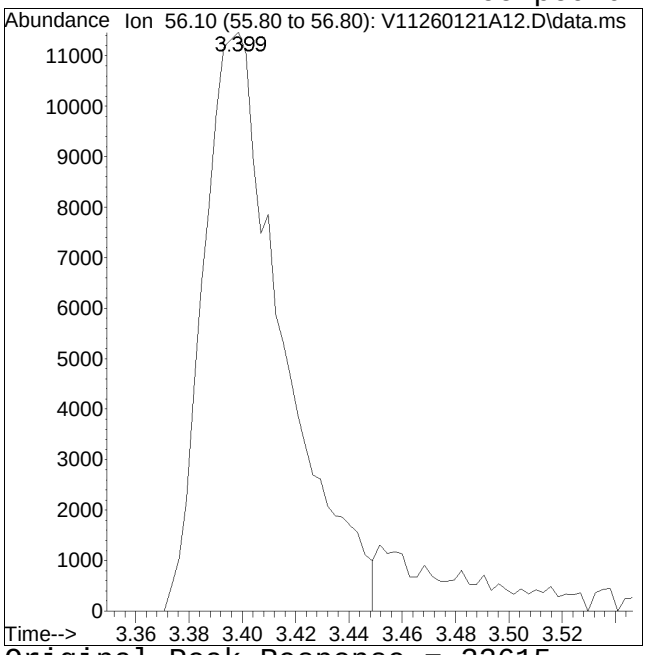
Sub List : 8260-CurveSoil - Megamix plus Diox60121A11.D•



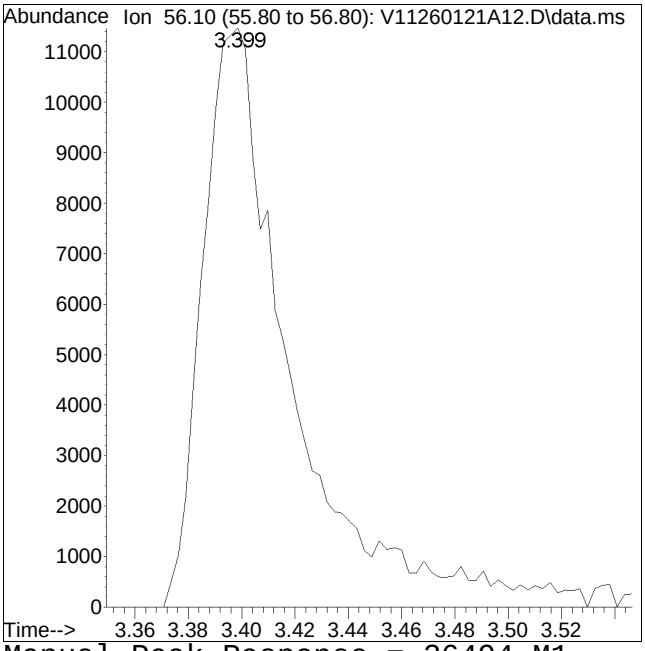
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A12.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 9:18 pm Instrument : VOA111
Sample : I8260STD100PPB Quant Date : 1/22/2026 12:36 pm

Compound #14: Acrolein



Original Peak Response = 23615



Manual Peak Response = 26494 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A13.D
Acq On : 21 Jan 2026 09:44 pm
Operator : VOA111:JIC
Sample : I8260STD200PPB
Misc : WG2168016,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 22 13:09:35 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.204	96	331956	20.000 ug/L	0.00
Standard Area 1 = 314816			Recovery = 105.44%		
59) Chlorobenzene-d5	9.768	117	255768	20.000 ug/L	0.00
Standard Area 1 = 240870			Recovery = 106.19%		
79) 1,4-Dichlorobenzene-d4	12.428	152	138333	20.000 ug/L	0.00
Standard Area 1 = 127427			Recovery = 108.56%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.376	113	82982	19.712 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.56%		
43) 1,2-Dichloroethane-d4	5.911	65	82257	21.121 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.60%		
60) Toluene-d8	7.914	98	326769	19.779 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.89%		
83) 4-Bromofluorobenzene	11.241	95	125378	19.801 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.00%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.659	85	707056	153.202 ug/L	97
3) Chloromethane	1.879	50	761058	155.822 ug/L	97
4) Vinyl chloride	1.938	62	827089	149.804 ug/L	97
5) Bromomethane	2.272	94	556579	142.676 ug/L	99
6) Chloroethane	2.389	64	528359	167.317 ug/L	97
7) Trichlorofluoromethane	2.548	101	997580	155.155 ug/L	99
8) Ethyl ether	2.863	74	410865	159.554 ug/L #	68
10) 1,1-Dichloroethene	3.067	96	596019	152.022 ug/L	81
11) Carbon disulfide	3.100	76	2094438	152.993 ug/L	100
12) Freon-113	3.106	101	600906	154.516 ug/L	99
14) Acrolein	3.396	56	51168M1	166.085 ug/L	
15) Methylene chloride	3.636	84	736503	155.150 ug/L	68
17) Acetone	3.675	43	192248	189.543 ug/L	91
18) trans-1,2-Dichloroethene	3.800	96	694556	154.372 ug/L	85
19) Methyl acetate	3.800	43	396975	181.389 ug/L #	83
20) Methyl tert-butyl ether	3.895	73	2139584	160.562 ug/L #	84
21) tert-Butyl alcohol	3.979	59	368704	895.731 ug/L	90
22) Diisopropyl ether	4.266	45	2322961	159.759 ug/L #	92
23) 1,1-Dichloroethane	4.397	63	1252244	154.596 ug/L	96
24) Halothane	4.445	117	513059	153.739 ug/L	99
25) Acrylonitrile	4.436	53	201913	191.234 ug/L	99

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A13.D
Acq On : 21 Jan 2026 09:44 pm
Operator : VOA111:JIC
Sample : I8260STD200PPB
Misc : WG2168016,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 22 13:09:35 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.623	59	2306991	159.209	ug/L		94
27) Vinyl acetate	4.631	43	1777913	177.313	ug/L	#	90
28) cis-1,2-Dichloroethene	4.930	96	786625	155.424	ug/L		83
29) 2,2-Dichloropropane	5.033	77	1032453	155.378	ug/L		88
30) Bromochloromethane	5.122	128	365152	152.746	ug/L	#	64
31) Cyclohexane	5.139	56	1095882	153.349	ug/L	#	63
32) Chloroform	5.195	83	1263275	156.291	ug/L		95
33) Ethyl acetate	5.301	43	611505	181.565	ug/L	#	96
34) Carbon tetrachloride	5.345	117	979074	154.386	ug/L		99
35) Tetrahydrofuran	5.348	42	182292	165.963	ug/L	#	61
37) 1,1,1-Trichloroethane	5.404	97	1062212	152.527	ug/L		96
39) 2-Butanone	5.487	43	239975	203.182	ug/L		94
40) 1,1-Dichloropropene	5.529	75	884942	155.406	ug/L		100
41) Benzene	5.780	78	2720746	154.032	ug/L		90
42) tert-Amyl methyl ether	5.886	73	2120606	160.856	ug/L	#	88
44) 1,2-Dichloroethane	5.981	62	934626	161.501	ug/L		98
47) Methyl cyclohexane	6.383	83	1181145	157.061	ug/L	#	70
48) Trichloroethene	6.383	95	737974	156.719	ug/L		98
50) Dibromomethane	6.826	93	457848	164.582	ug/L		98
51) 1,2-Dichloropropane	6.932	63	745261	160.110	ug/L		96
53) 2-Chloroethyl vinyl ether	7.624	63	399566	190.779	ug/L	#	80
54) Bromodichloromethane	7.002	83	1052230	158.985	ug/L		99
57) 1,4-Dioxane	7.211	88	282948	9889.380	ug/L	#	74
58) cis-1,3-Dichloropropene	7.696	75	1245566	159.526	ug/L	#	89
61) Toluene	7.972	92	1784893	158.378	ug/L		98
62) 4-Methyl-2-pentanone	8.396	58	247496	183.315	ug/L	#	78
63) Tetrachloroethene	8.427	166	759663	157.396	ug/L		99
65) trans-1,3-Dichloropropene	8.446	75	1115913	161.911	ug/L	#	82
67) Ethyl methacrylate	8.633	69	940730	177.879	ug/L		92
68) 1,1,2-Trichloroethane	8.636	83	536429	160.102	ug/L		99
69) Chlorodibromomethane	8.853	129	840161	165.080	ug/L		99
70) 1,3-Dichloropropane	8.962	76	1078029	160.327	ug/L		100
71) 1,2-Dibromoethane	9.138	107	655948	163.914	ug/L		99
72) 2-Hexanone	9.411	43	401813	198.179	ug/L	#	88
73) Chlorobenzene	9.790	112	2068047	156.976	ug/L	#	89
74) Ethylbenzene	9.827	91	3471724	159.063	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.871	131	797147	160.787	ug/L		100
76) p/m Xylene	10.014	106	2700871	316.580	ug/L		98
77) o Xylene	10.546	106	2721634	320.634	ug/L		99
78) Styrene	10.610	104	4773292	332.067	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A13.D
Acq On : 21 Jan 2026 09:44 pm
Operator : VOA111:JIC
Sample : I8260STD200PPB
Misc : WG2168016,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 22 13:09:35 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	10.635	173	560909	170.141	ug/L		100
82) Isopropylbenzene	10.920	105	3490449	156.997	ug/L		100
84) Bromobenzene	11.349	156	910747	157.639	ug/L		99
85) n-Propylbenzene	11.388	91	4143894	158.252	ug/L		100
86) 1,4-Dichlorobutane	11.402	55	1173339	165.639	ug/L		94
87) 1,1,2,2-Tetrachloroethane	11.466	83	845660	162.866	ug/L		99
88) 4-Ethyltoluene	11.514	105	3457275	157.656	ug/L		100
89) 2-Chlorotoluene	11.556	91	2415586	156.894	ug/L		91
90) 1,3,5-Trimethylbenzene	11.609	105	2989598	158.638	ug/L		100
91) 1,2,3-Trichloropropane	11.606	75	651394	167.080	ug/L		98
92) trans-1,4-Dichloro-2-b...	11.656	53	248173	176.937	ug/L	#	76
93) 4-Chlorotoluene	11.737	91	2578980	158.500	ug/L		99
94) tert-Butylbenzene	11.943	119	2534948	157.552	ug/L		100
97) 1,2,4-Trimethylbenzene	12.021	105	2998295	160.181	ug/L		98
98) sec-Butylbenzene	12.130	105	3802032	158.775	ug/L		99
99) p-Isopropyltoluene	12.283	119	3340744	159.867	ug/L		100
100) 1,3-Dichlorobenzene	12.353	146	1746371	160.356	ug/L		100
101) 1,4-Dichlorobenzene	12.442	146	1759139	158.819	ug/L		99
102) p-Diethylbenzene	12.652	119	1995679	160.827	ug/L		99
103) n-Butylbenzene	12.707	91	3056141	160.603	ug/L		99
104) 1,2-Dichlorobenzene	12.864	146	1649444	161.580	ug/L		99
105) 1,2,4,5-Tetramethylben...	13.438	119	3010737	163.211	ug/L		100
106) 1,2-Dibromo-3-chloropr...	13.633	155	140789	182.822	ug/L		97
107) 1,3,5-Trichlorobenzene	13.667	180	1221440	159.218	ug/L		99
108) Hexachlorobutadiene	14.236	225	544163	153.000	ug/L		99
109) 1,2,4-Trichlorobenzene	14.261	180	976170	157.771	ug/L		99
110) Naphthalene	14.551	128	1916455	168.827	ug/L		100
111) 1,2,3-Trichlorobenzene	14.718	180	748403	159.427	ug/L		98

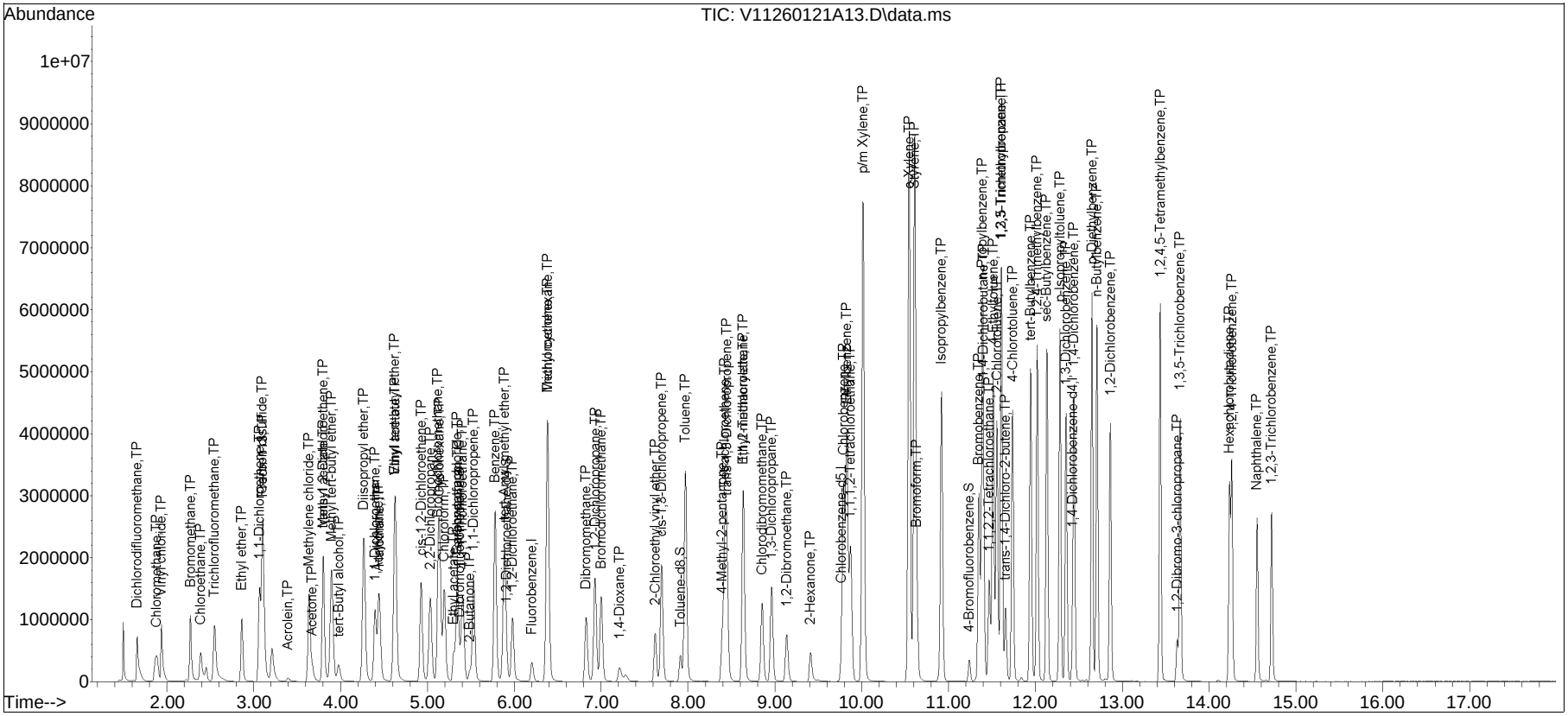
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A13.D
Acq On : 21 Jan 2026 09:44 pm
Operator : VOA111:JIC
Sample : I8260STD200PPB
Misc : WG2168016,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 22 13:09:35 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

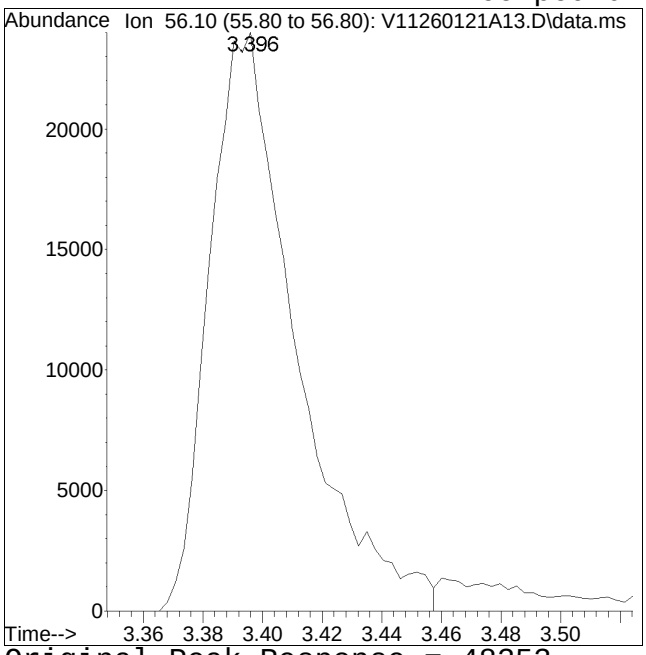
Sub List : 8260-CurveSoil - Megamix plus Diox60121A11.D•

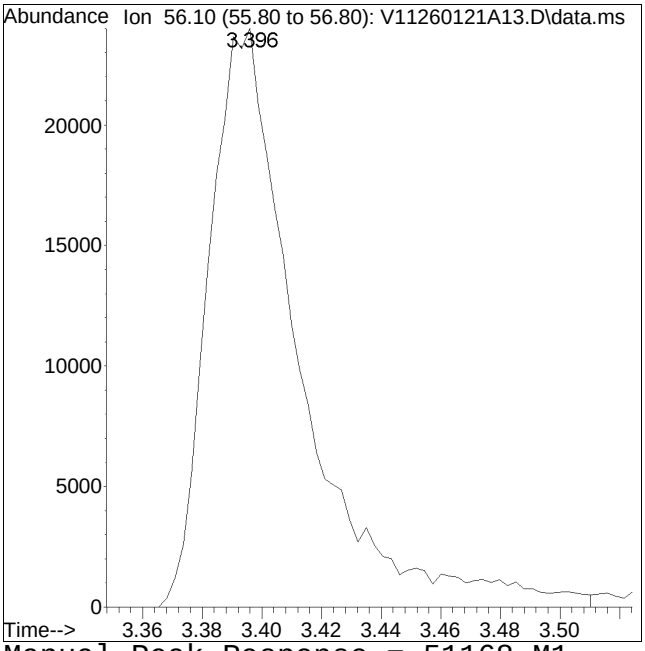


Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A13.D Operator : VOA111:JIC
Date Inj'd : 1/21/2026 9:44 pm Instrument : VOA111
Sample : I8260STD200PPB Quant Date : 1/22/2026 12:36 pm

Compound #14: Acrolein





Original Peak Response = 48353 Manual Peak Response = 51168 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A14.D
Acq On : 21 Jan 2026 10:10 pm
Operator : VOA111:JIC
Sample : I8260STD300PPB
Misc : WG2168016,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 22 13:10:13 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.204	96	340721	20.000	ug/L	0.00
Standard Area 1 = 314816			Recovery = 108.23%			
59) Chlorobenzene-d5	9.768	117	264697	20.000	ug/L	0.00
Standard Area 1 = 240870			Recovery = 109.89%			
79) 1,4-Dichlorobenzene-d4	12.428	152	143947	20.000	ug/L	0.00
Standard Area 1 = 127427			Recovery = 112.96%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.379	113	84812	19.628	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.14%			
43) 1,2-Dichloroethane-d4	5.911	65	84345	21.100	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.50%			
60) Toluene-d8	7.914	98	336614	19.688	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.44%			
83) 4-Bromofluorobenzene	11.238	95	130085	19.743	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.659	85	1262170	266.446	ug/L	98
3) Chloromethane	1.876	50	1364408	272.167	ug/L	97
4) Vinyl chloride	1.937	62	1466309	258.750	ug/L	97
5) Bromomethane	2.272	94	998138	249.285	ug/L	99
6) Chloroethane	2.384	64	976536	301.288	ug/L	98
7) Trichlorofluoromethane	2.545	101	1793643	271.792	ug/L	100
8) Ethyl ether	2.863	74	717344	271.405	ug/L #	68
10) 1,1-Dichloroethene	3.067	96	1065371	264.746	ug/L	81
11) Carbon disulfide	3.100	76	3711493	264.140	ug/L	100
12) Freon-113	3.106	101	1061371	265.899	ug/L	99
14) Acrolein	3.393	56	80704	255.217	ug/L	99
15) Methylene chloride	3.638	84	1290815	264.925	ug/L	68
17) Acetone	3.672	43	310249	298.015	ug/L	92
18) trans-1,2-Dichloroethene	3.800	96	1232083	266.798	ug/L	84
19) Methyl acetate	3.797	43	661847	294.637	ug/L #	82
20) Methyl tert-butyl ether	3.898	73	3675675	268.740	ug/L #	84
21) tert-Butyl alcohol	3.979	59	588217	1392.256	ug/L	89
22) Diisopropyl ether	4.269	45	4089850	274.040	ug/L #	92
23) 1,1-Dichloroethane	4.397	63	2193211	263.799	ug/L	95
24) Halothane	4.444	117	896896	261.842	ug/L	98
25) Acrylonitrile	4.436	53	334418	308.583	ug/L	98

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A14.D
Acq On : 21 Jan 2026 10:10 pm
Operator : VOA111:JIC
Sample : I8260STD300PPB
Misc : WG2168016,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 22 13:10:13 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.623	59	4036021	271.366	ug/L		95
27) Vinyl acetate	4.631	43	3070686	298.365	ug/L	#	90
28) cis-1,2-Dichloroethene	4.927	96	1383818	266.386	ug/L		83
29) 2,2-Dichloropropane	5.033	77	1816289	266.309	ug/L		88
30) Bromochloromethane	5.125	128	632307	257.695	ug/L	#	65
31) Cyclohexane	5.139	56	1949015	265.713	ug/L	#	64
32) Chloroform	5.195	83	2227863	268.538	ug/L		96
33) Ethyl acetate	5.301	43	1024420	296.340	ug/L	#	95
34) Carbon tetrachloride	5.342	117	1767088	271.477	ug/L		98
35) Tetrahydrofuran	5.351	42	300050	266.146	ug/L	#	62
37) 1,1,1-Trichloroethane	5.406	97	1876143	262.473	ug/L		96
39) 2-Butanone	5.485	43	399888	329.867	ug/L		92
40) 1,1-Dichloropropene	5.532	75	1561947	267.239	ug/L		100
41) Benzene	5.777	78	4843660	267.164	ug/L		90
42) tert-Amyl methyl ether	5.886	73	3731756	275.787	ug/L		88
44) 1,2-Dichloroethane	5.981	62	1637888	275.742	ug/L		98
47) Methyl cyclohexane	6.383	83	2119030	274.527	ug/L	#	70
48) Trichloroethene	6.385	95	1316042	272.291	ug/L		98
50) Dibromomethane	6.826	93	792286	277.475	ug/L		98
51) 1,2-Dichloropropane	6.929	63	1308470	273.877	ug/L		96
53) 2-Chloroethyl vinyl ether	7.623	63	706711	328.750	ug/L	#	79
54) Bromodichloromethane	7.002	83	1877932	276.444	ug/L		100
57) 1,4-Dioxane	7.216	88	434554	14797.482	ug/L	#	74
58) cis-1,3-Dichloropropene	7.699	75	2200774	274.614	ug/L		89
61) Toluene	7.969	92	3176230	272.328	ug/L		98
62) 4-Methyl-2-pentanone	8.393	58	419755	300.415	ug/L	#	77
63) Tetrachloroethene	8.427	166	1353008	270.875	ug/L		99
65) trans-1,3-Dichloropropene	8.449	75	1972405	276.529	ug/L	#	82
67) Ethyl methacrylate	8.633	69	1644284	300.423	ug/L		92
68) 1,1,2-Trichloroethane	8.636	83	940760	271.307	ug/L		100
69) Chlorodibromomethane	8.853	129	1478011	280.612	ug/L		98
70) 1,3-Dichloropropane	8.962	76	1874642	269.397	ug/L		100
71) 1,2-Dibromoethane	9.135	107	1132543	273.464	ug/L		99
72) 2-Hexanone	9.408	43	708297	337.557	ug/L	#	91
73) Chlorobenzene	9.793	112	3716917	272.617	ug/L	#	89
74) Ethylbenzene	9.829	91	6209595	274.907	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.874	131	1418853	276.533	ug/L		100
76) p/m Xylene	10.016	106	4860219	550.469	ug/L		99
77) o Xylene	10.549	106	4944507	562.860	ug/L		99
78) Styrene	10.610	104	8644984	581.124	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A14.D
Acq On : 21 Jan 2026 10:10 pm
Operator : VOA111:JIC
Sample : I8260STD300PPB
Misc : WG2168016,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 22 13:10:13 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	10.638	173	978203	285.147	ug/L		99
82) Isopropylbenzene	10.920	105	6292984	272.013	ug/L		100
84) Bromobenzene	11.349	156	1651413	274.692	ug/L		100
85) n-Propylbenzene	11.391	91	7477617	274.427	ug/L		100
86) 1,4-Dichlorobutane	11.399	55	2045386	277.484	ug/L		94
87) 1,1,2,2-Tetrachloroethane	11.466	83	1446929	267.797	ug/L		99
88) 4-Ethyltoluene	11.514	105	6187933	271.172	ug/L		100
89) 2-Chlorotoluene	11.556	91	4368514	272.672	ug/L		92
90) 1,3,5-Trimethylbenzene	11.608	105	5399889	275.361	ug/L		99
91) 1,2,3-Trichloropropane	11.608	75	1122127	276.596	ug/L		99
92) trans-1,4-Dichloro-2-b...	11.656	53	420006	287.769	ug/L	#	75
93) 4-Chlorotoluene	11.737	91	4691426	277.082	ug/L		99
94) tert-Butylbenzene	11.946	119	4581710	273.656	ug/L		99
97) 1,2,4-Trimethylbenzene	12.021	105	5448510	279.729	ug/L		99
98) sec-Butylbenzene	12.133	105	6848810	274.855	ug/L		99
99) p-Isopropyltoluene	12.283	119	6052815	278.353	ug/L		100
100) 1,3-Dichlorobenzene	12.353	146	3170815	279.796	ug/L		100
101) 1,4-Dichlorobenzene	12.445	146	3199452	277.588	ug/L		99
102) p-Diethylbenzene	12.651	119	3647510	282.480	ug/L		99
103) n-Butylbenzene	12.710	91	5527791	279.160	ug/L		99
104) 1,2-Dichlorobenzene	12.863	146	2980572	280.591	ug/L		100
105) 1,2,4,5-Tetramethylben...	13.438	119	5629448	293.269	ug/L		99
106) 1,2-Dibromo-3-chloropr...	13.633	155	237248	296.064	ug/L		97
107) 1,3,5-Trichlorobenzene	13.667	180	2212508	277.158	ug/L		98
108) Hexachlorobutadiene	14.235	225	973613	263.070	ug/L		100
109) 1,2,4-Trichlorobenzene	14.261	180	1723547	267.700	ug/L		100
110) Naphthalene	14.553	128	3303891	279.700	ug/L		100
111) 1,2,3-Trichlorobenzene	14.721	180	1291704	264.432	ug/L		98

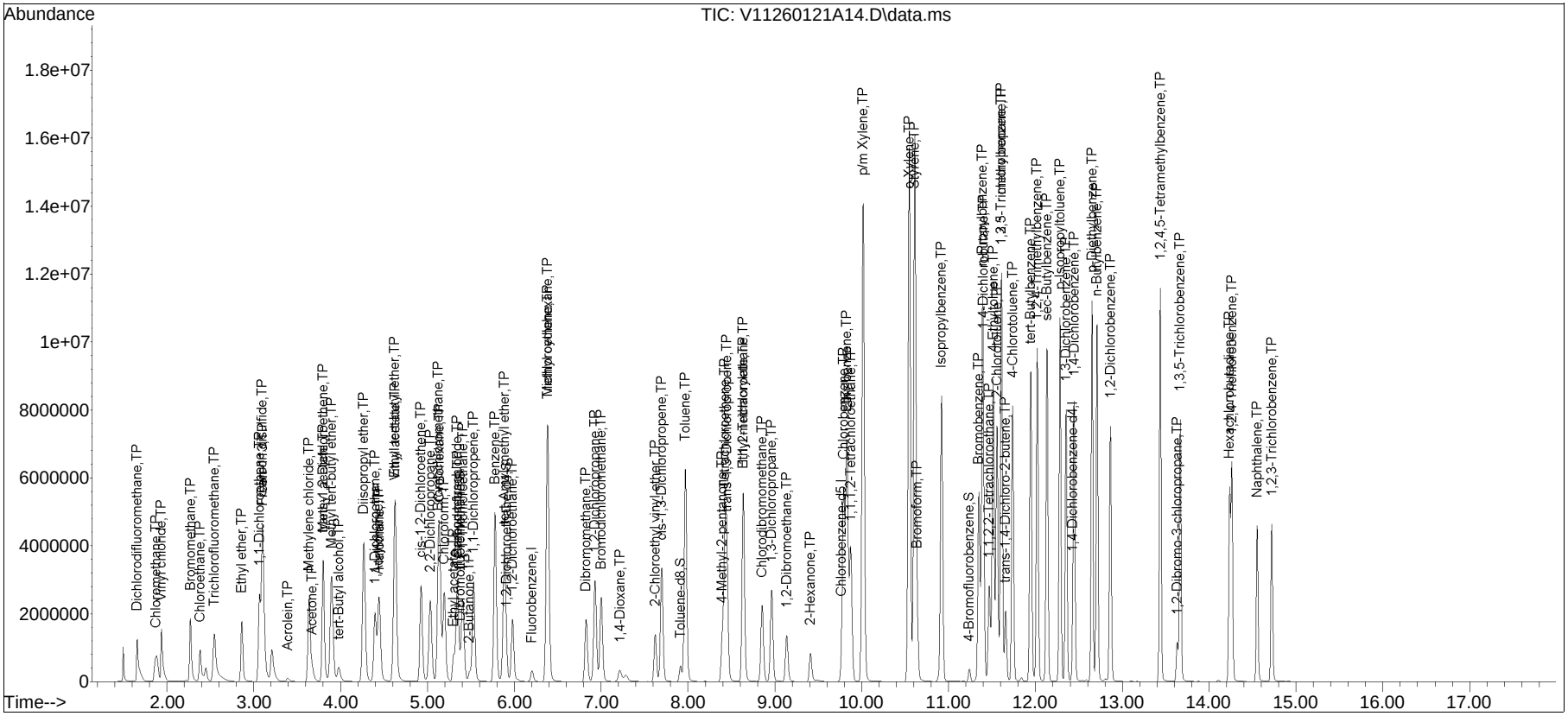
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A14.D
Acq On : 21 Jan 2026 10:10 pm
Operator : VOA111:JIC
Sample : I8260STD300PPB
Misc : WG2168016,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 22 13:10:13 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 12:34:51 2026
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox60121A11.D•



Manual Integration Report

Data Path	: K:\VOA111\2026\260121ICAL\	QMethod	: V111_260121A_8260.m
Data File	: V11260121A14.D	Operator	: VOA111:JIC
Date Inj'd	: 1/21/2026 10:10 pm	Instrument	: VOA111
Sample	: I8260STD300PPB	Quant Date	: 1/22/2026 12:36 pm

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A20.D
Acq On : 22 Jan 2026 12:46 am
Operator : VOA111:JIC
Sample : C8260STD40PPB
Misc : WG2168016,ICAL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 22 13:30:49 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:37 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	104	0.00
2	TP	Dichlorodifluoromethane	0.240	0.195	18.7	73	0.00
3	TP	Chloromethane	0.259	0.239	7.7	84	0.00
4	TP	Vinyl chloride	0.287	0.267	7.0	83	0.00
5	TP	Bromomethane	0.220	0.199	9.5	88	0.00
6	TP	Chloroethane	0.173	0.147	15.0	80	0.00
7	TP	Trichlorofluoromethane	0.331	0.280	15.4	75	0.00
8	TP	Ethyl ether	0.139	0.122	12.2	82	0.00
10	TP	1,1-Dichloroethene	0.204	0.175	14.2	77	0.00
11	TP	Carbon disulfide	0.765	0.571	25.4#	72	0.00
12	TP	Freon-113	0.199	0.203	-2.0	90	0.00
14	TP	Acrolein	0.016	0.027	-68.8#	150	0.00
15	TP	Methylene chloride	0.276	0.227	17.8	82	0.00
17	TP	Acetone	0.065	0.037	43.1#	63	-0.02
18	TP	trans-1,2-Dichloroethene	0.240	0.218	9.2	84	0.00
19	TP	Methyl acetate	0.120	0.099	17.5	78	-0.01
20	TP	Methyl tert-butyl ether	0.740	0.613	17.2	79	0.00
21	TP	tert-Butyl alcohol	0.025	0.022	12.0	91	0.00
22	TP	Diisopropyl ether	0.811	0.724	10.7	86	0.00
23	TP	1,1-Dichloroethane	0.440	0.397	9.8	84	0.00
24	TP	Halothane	0.176	0.168	4.5	86	0.00
25	TP	Acrylonitrile	0.064	0.056	12.5	92	-0.04
26	TP	Ethyl tert-butyl ether	0.805	0.716	11.1	85	0.00
27	TP	Vinyl acetate	0.572	0.435	24.0#	75	-0.02
28	TP	cis-1,2-Dichloroethene	0.274	0.244	10.9	83	0.00
29	TP	2,2-Dichloropropane	0.358	0.317	11.5	82	0.00
30	TP	Bromochloromethane	0.130	0.115	11.5	83	0.00
31	TP	Cyclohexane	0.365	0.354	3.0	85	0.00
32	TP	Chloroform	0.462	0.414	10.4	88	0.00
33	TP	Ethyl acetate	0.190	0.164	13.7	84	-0.03
34	TP	Carbon tetrachloride	0.332	0.299	9.9	81	0.00
35	TP	Tetrahydrofuran	0.065	0.056	13.8	88	0.00
36	S	Dibromofluoromethane	0.249	0.245	1.6	100	0.00
37	TP	1,1,1-Trichloroethane	0.366	0.342	6.6	85	0.00
39	TP	2-Butanone	0.072	0.061	15.3	88	-0.04
40	TP	1,1-Dichloropropene	0.293	0.287	2.0	87	0.00
41	TP	Benzene	0.952	0.872	8.4	85	0.00
42	TP	tert-Amyl methyl ether	0.746	0.639	14.3	84	0.00
43	S	1,2-Dichloroethane-d4	0.237	0.228	3.8	101	0.00

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A20.D
Acq On : 22 Jan 2026 12:46 am
Operator : VOA111:JIC
Sample : C8260STD40PPB
Misc : WG2168016,ICAL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 22 13:30:49 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:37 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.327	0.291	11.0	87	0.00
47	TP	Methyl cyclohexane	0.381	0.367	3.7	84	0.00
48	TP	Trichloroethene	0.257	0.232	9.7	85	-0.01
50	TP	Dibromomethane	0.158	0.140	11.4	87	0.00
51	TP	1,2-Dichloropropane	0.255	0.238	6.7	88	0.00
53	TP	2-Chloroethyl vinyl ether	0.119	0.102	14.3	84	0.00
54	TP	Bromodichloromethane	0.357	0.324	9.2	84	0.00
57	TP	1,4-Dioxane	0.00166	0.00209#	-25.9#	126	-0.04
58	TP	cis-1,3-Dichloropropene	0.408	0.384	5.9	85	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
60	S	Toluene-d8	1.292	1.308	-1.2	101	0.00
61	TP	Toluene	0.826	0.776	6.1	88	0.00
62	TP	4-Methyl-2-pentanone	0.103	0.084	18.4	79	-0.01
63	TP	Tetrachloroethene	0.332	0.322	3.0	85	0.00
65	TP	trans-1,3-Dichloropropene	0.493	0.476	3.4	88	0.00
67	TP	Ethyl methacrylate	0.378	0.354	6.3	85	-0.02
68	TP	1,1,2-Trichloroethane	0.248	0.226	8.9	86	0.00
69	TP	Chlorodibromomethane	0.364	0.344	5.5	86	0.00
70	TP	1,3-Dichloropropane	0.492	0.464	5.7	88	0.00
71	TP	1,2-Dibromoethane	0.277	0.275	0.7	88	-0.01
72	TP	2-Hexanone	0.151	0.126	16.6	80	-0.07
73	TP	Chlorobenzene	0.951	0.906	4.7	88	0.00
74	TP	Ethylbenzene	1.589	1.506	5.2	88	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.363	0.340	6.3	87	0.00
76	TP	p/m Xylene	0.600	0.579	3.5	87	0.00
77	TP	o Xylene	0.612	0.582	4.9	87	0.00
78	TP	Styrene	1.026	0.991	3.4	88	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
80	TP	Bromoform	0.447	0.413	7.6	86	0.00
82	TP	Isopropylbenzene	2.980	2.769	7.1	85	0.00
83	S	4-Bromofluorobenzene	0.915	0.904	1.2	98	0.00
84	TP	Bromobenzene	0.800	0.736	8.0	87	0.00
85	TP	n-Propylbenzene	3.485	3.359	3.6	88	0.00
86	TP	1,4-Dichlorobutane	0.983	0.906	7.8	88	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.717	0.639	10.9	84	0.00
88	TP	4-Ethyltoluene	2.939	2.856	2.8	89	0.00
89	TP	2-Chlorotoluene	2.123	1.967	7.3	88	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A20.D
Acq On : 22 Jan 2026 12:46 am
Operator : VOA111:JIC
Sample : C8260STD40PPB
Misc : WG2168016,ICAL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 22 13:30:49 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:37 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 TP	1,3,5-Trimethylbenzene	2.568	2.357	8.2	86	0.00
91 TP	1,2,3-Trichloropropane	0.551	0.494	10.3	87	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.201	0.176	12.4	86	-0.01
93 TP	4-Chlorotoluene	2.207	2.040	7.6	86	0.00
94 TP	tert-Butylbenzene	2.149	2.037	5.2	87	0.00
97 TP	1,2,4-Trimethylbenzene	2.531	2.455	3.0	90	0.00
98 TP	sec-Butylbenzene	3.170	2.979	6.0	85	0.00
99 TP	p-Isopropyltoluene	2.769	2.617	5.5	86	0.00
100 TP	1,3-Dichlorobenzene	1.493	1.385	7.2	87	0.00
101 TP	1,4-Dichlorobenzene	1.571	1.400	10.9	87	0.00
102 TP	p-Diethylbenzene	1.644	1.536	6.6	85	0.00
103 TP	n-Butylbenzene	2.499	2.335	6.6	84	0.00
104 TP	1,2-Dichlorobenzene	1.406	1.309	6.9	88	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.509	2.369	5.6	88	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.107	0.098	8.4	87	0.00
107 TP	1,3,5-Trichlorobenzene	1.044	0.931	10.8	83	0.00
108 TP	Hexachlorobutadiene	0.469	0.441	6.0	85	0.00
109 TP	1,2,4-Trichlorobenzene	0.841	0.782	7.0	87	0.00
110 TP	Naphthalene	1.575	1.470	6.7	89	0.00
111 TP	1,2,3-Trichlorobenzene	0.647	0.622	3.9	91	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A20.D
Acq On : 22 Jan 2026 12:46 am
Operator : VOA111:JIC
Sample : C8260STD40PPB
Misc : WG2168016,ICAL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 22 13:30:49 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:37 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.201	96	326800	20.000	ug/L	0.00
Standard Area 1 = 314816			Recovery = 103.81%			
59) Chlorobenzene-d5	9.771	117	240181	20.000	ug/L	0.00
Standard Area 1 = 240870			Recovery = 99.71%			
79) 1,4-Dichlorobenzene-d4	12.428	152	126399	20.000	ug/L	0.00
Standard Area 1 = 127427			Recovery = 99.19%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.376	113	80180	19.676	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.38%			
43) 1,2-Dichloroethane-d4	5.914	65	74532	19.281	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.41%			
60) Toluene-d8	7.914	98	314093	20.249	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.24%			
83) 4-Bromofluorobenzene	11.240	95	114301	19.762	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.81%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.659	85	127298	32.428	ug/L	97
3) Chloromethane	1.882	50	156121	36.845	ug/L	97
4) Vinyl chloride	1.937	62	174429	37.190	ug/L	96
5) Bromomethane	2.272	94	130305	36.252	ug/L	100
6) Chloroethane	2.395	64	96272	34.116	ug/L	97
7) Trichlorofluoromethane	2.551	101	183019	33.820	ug/L	95
8) Ethyl ether	2.866	74	79943	35.302	ug/L #	68
10) 1,1-Dichloroethene	3.067	96	114273	34.345	ug/L	79
11) Carbon disulfide	3.103	76	373137	29.848	ug/L	100
12) Freon-113	3.109	101	132649	40.886	ug/L	97
14) Acrolein	3.396	56	17541M1	65.879	ug/L	
15) Methylene chloride	3.639	84	148525	32.945	ug/L	67
17) Acetone	3.683	43	24344M1	22.784	ug/L	
18) trans-1,2-Dichloroethene	3.800	96	142565	36.337	ug/L	82
19) Methyl acetate	3.803	43	64551	32.845	ug/L #	83
20) Methyl tert-butyl ether	3.898	73	400845	33.158	ug/L	85
21) tert-Butyl alcohol	3.982	59	71304	177.896	ug/L #	84
22) Diisopropyl ether	4.269	45	472974	35.684	ug/L #	91
23) 1,1-Dichloroethane	4.397	63	259300	36.070	ug/L	96
24) Halothane	4.444	117	109489	38.171	ug/L	98
25) Acrylonitrile	4.447	53	36716M1	34.914	ug/L	

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A20.D
Acq On : 22 Jan 2026 12:46 am
Operator : VOA111:JIC
Sample : C8260STD40PPB
Misc : WG2168016,ICAL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 22 13:30:49 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:37 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.626	59	468054	35.584	ug/L		87
27) Vinyl acetate	4.640	43	284456	30.424	ug/L	#	92
28) cis-1,2-Dichloroethene	4.930	96	159366	35.580	ug/L	#	82
29) 2,2-Dichloropropane	5.033	77	207459	35.469	ug/L		87
30) Bromochloromethane	5.128	128	75190	35.452	ug/L	#	64
31) Cyclohexane	5.139	56	231208	38.718	ug/L	#	62
32) Chloroform	5.195	83	270355	35.840	ug/L		95
33) Ethyl acetate	5.309	43	107482	34.561	ug/L	#	93
34) Carbon tetrachloride	5.345	117	195733	36.046	ug/L		99
35) Tetrahydrofuran	5.356	42	36473M1	34.362	ug/L		
37) 1,1,1-Trichloroethane	5.404	97	223704	37.390	ug/L		96
39) 2-Butanone	5.501	43	39575M1	33.636	ug/L		
40) 1,1-Dichloropropene	5.535	75	187492	39.214	ug/L		100
41) Benzene	5.780	78	570001	36.631	ug/L		89
42) tert-Amyl methyl ether	5.886	73	417687	34.278	ug/L		88
44) 1,2-Dichloroethane	5.981	62	190464	35.674	ug/L		97
47) Methyl cyclohexane	6.385	83	240013	38.591	ug/L	#	69
48) Trichloroethene	6.385	95	151849	36.144	ug/L		99
50) Dibromomethane	6.832	93	91391	35.291	ug/L		97
51) 1,2-Dichloropropane	6.935	63	155334	37.242	ug/L		95
53) 2-Chloroethyl vinyl ether	7.632	63	66992M1	34.333	ug/L		
54) Bromodichloromethane	7.002	83	211677	36.276	ug/L		99
57) 1,4-Dioxane	7.216	88	68218M1	2520.493	ug/L		
58) cis-1,3-Dichloropropene	7.699	75	250837	37.589	ug/L	#	88
61) Toluene	7.972	92	372613	37.559	ug/L		97
62) 4-Methyl-2-pentanone	8.396	58	40243	32.380	ug/L	#	75
63) Tetrachloroethene	8.429	166	154834	38.891	ug/L		99
65) trans-1,3-Dichloropropene	8.452	75	228724	38.621	ug/L	#	82
67) Ethyl methacrylate	8.639	69	169969	37.433	ug/L		97
68) 1,1,2-Trichloroethane	8.639	83	108566	36.397	ug/L		99
69) Chlorodibromomethane	8.853	129	165415	37.790	ug/L		98
70) 1,3-Dichloropropane	8.965	76	222652	37.707	ug/L		99
71) 1,2-Dibromoethane	9.138	107	132173	39.761	ug/L		98
72) 2-Hexanone	9.428	43	60758M1	33.543	ug/L		
73) Chlorobenzene	9.793	112	435102	38.087	ug/L	#	89
74) Ethylbenzene	9.829	91	723448	37.900	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.874	131	163287	37.428	ug/L		98
76) p/m Xylene	10.016	106	556536	77.220	ug/L		99
77) o Xylene	10.546	106	558741	75.965	ug/L		99
78) Styrene	10.610	104	951656	77.205	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A20.D
Acq On : 22 Jan 2026 12:46 am
Operator : VOA111:JIC
Sample : C8260STD40PPB
Misc : WG2168016,ICAL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 22 13:30:49 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:37 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260121ICAL\V11260121A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	10.635	173	104454	36.988	ug/L		99
82) Isopropylbenzene	10.920	105	700025	37.165	ug/L		100
84) Bromobenzene	11.352	156	186022	36.777	ug/L		98
85) n-Propylbenzene	11.391	91	849249	38.558	ug/L		100
86) 1,4-Dichlorobutane	11.402	55	229019	36.851	ug/L		95
87) 1,1,2,2-Tetrachloroethane	11.466	83	161589	35.677	ug/L		99
88) 4-Ethyltoluene	11.514	105	721920	38.861	ug/L		100
89) 2-Chlorotoluene	11.558	91	497226	37.056	ug/L		91
90) 1,3,5-Trimethylbenzene	11.609	105	595747	36.708	ug/L		100
91) 1,2,3-Trichloropropane	11.609	75	124985	35.916	ug/L		98
92) trans-1,4-Dichloro-2-b...	11.656	53	44435	34.970	ug/L	#	70
93) 4-Chlorotoluene	11.737	91	515733	36.978	ug/L		100
94) tert-Butylbenzene	11.943	119	514877	37.904	ug/L		98
97) 1,2,4-Trimethylbenzene	12.021	105	620494	38.788	ug/L		100
98) sec-Butylbenzene	12.133	105	753036	37.590	ug/L		99
99) p-Isopropyltoluene	12.283	119	661607	37.813	ug/L		99
100) 1,3-Dichlorobenzene	12.356	146	350184	37.123	ug/L		100
101) 1,4-Dichlorobenzene	12.445	146	353948	35.647	ug/L		99
102) p-Diethylbenzene	12.652	119	388390	37.372	ug/L		99
103) n-Butylbenzene	12.710	91	590331	37.377	ug/L		99
104) 1,2-Dichlorobenzene	12.863	146	330996	37.243	ug/L		99
105) 1,2,4,5-Tetramethylben...	13.435	119	598831	37.765	ug/L		100
106) 1,2-Dibromo-3-chloropr...	13.630	155	24694	36.482	ug/L		96
107) 1,3,5-Trichlorobenzene	13.667	180	235407	35.677	ug/L		99
108) Hexachlorobutadiene	14.235	225	111453	37.613	ug/L		99
109) 1,2,4-Trichlorobenzene	14.263	180	197739	37.204	ug/L		99
110) Naphthalene	14.553	128	371671	37.328	ug/L		100
111) 1,2,3-Trichlorobenzene	14.724	180	157165	38.423	ug/L		99

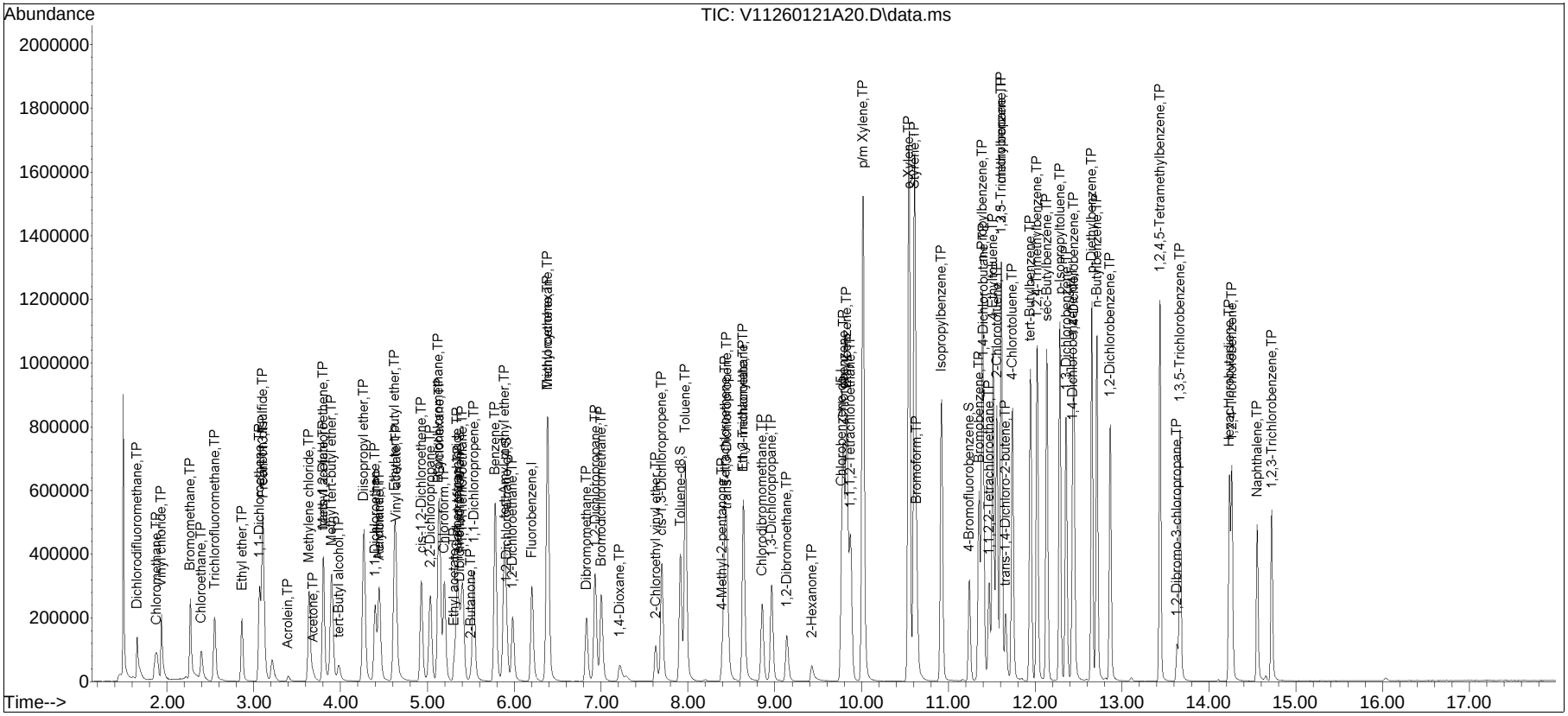
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260121ICAL\
Data File : V11260121A20.D
Acq On : 22 Jan 2026 12:46 am
Operator : VOA111:JIC
Sample : C8260STD40PPB
Misc : WG2168016,ICAL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 22 13:30:49 2026
Quant Method : K:\VOA111\2026\260121ICAL\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:37 2026
Response via : Initial Calibration

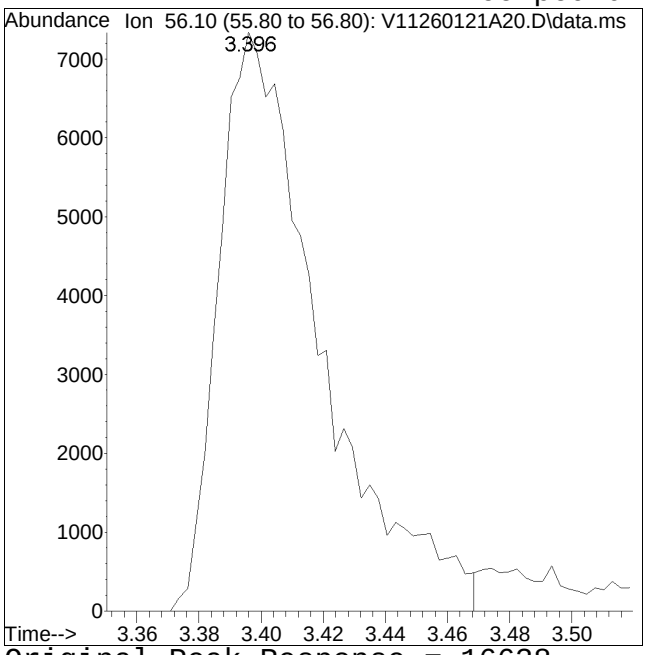
Sub List : 8260-CurveSoil - Megamix plus Diox60121A11.D•



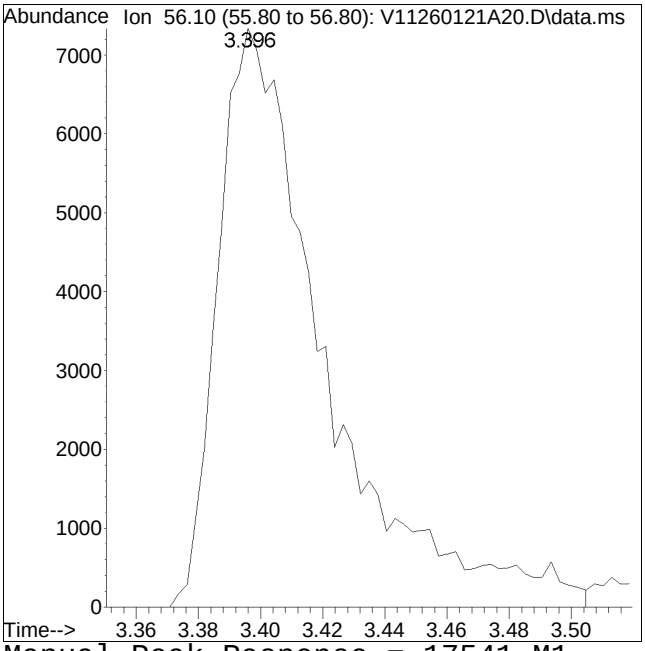
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A20.D Operator : VOA111:JIC
Date Inj'd : 1/22/2026 12:46 am Instrument : VOA111
Sample : C8260STD40PPB Quant Date : 1/22/2026 1:26 pm

Compound #14: Acrolein



Original Peak Response = 16638



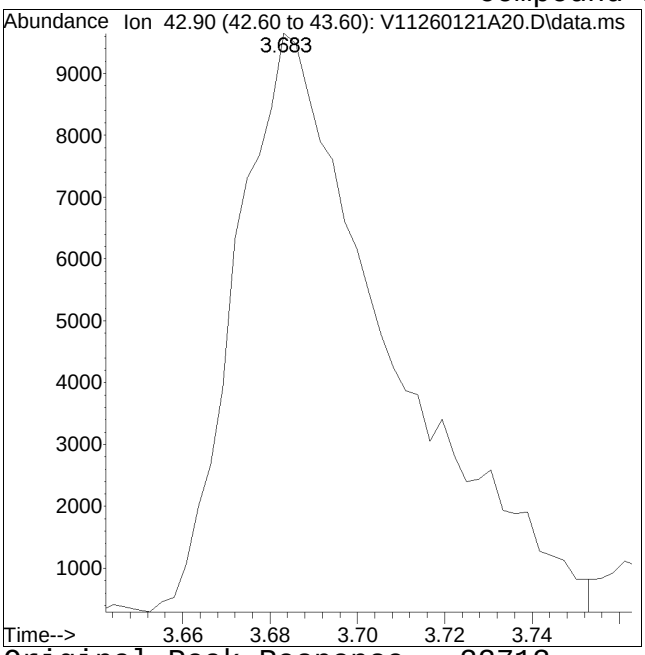
Manual Peak Response = 17541 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

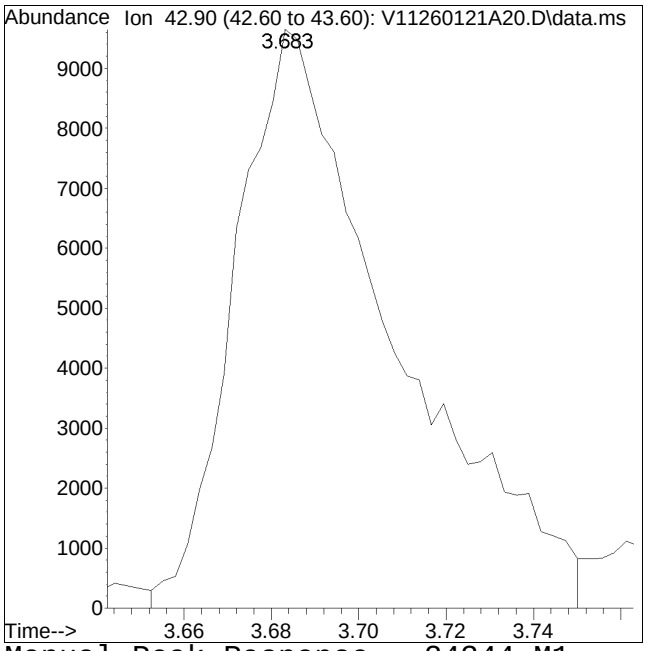
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A20.D Operator : VOA111:JIC
Date Inj'd : 1/22/2026 12:46 am Instrument : VOA111
Sample : C8260STD40PPB Quant Date : 1/22/2026 1:26 pm

Compound #17: Acetone



Original Peak Response = 22713



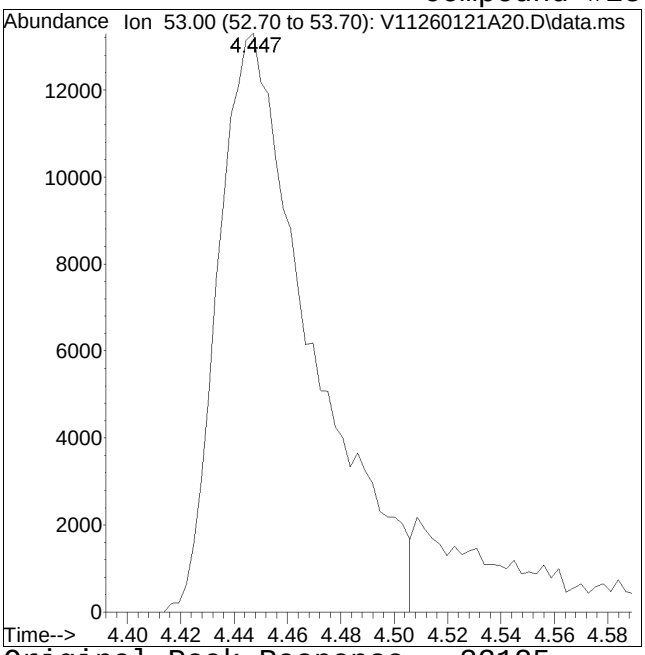
Manual Peak Response = 24344 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

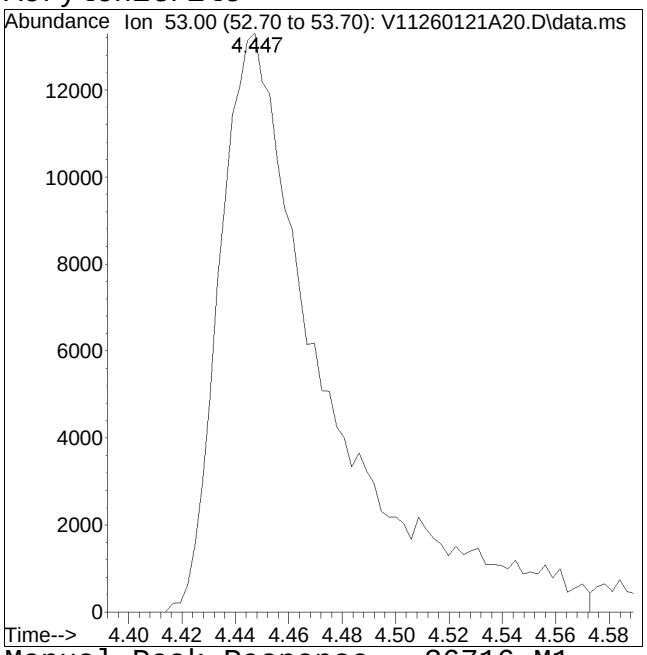
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A20.D Operator : VOA111:JIC
Date Inj'd : 1/22/2026 12:46 am Instrument : VOA111
Sample : C8260STD40PPB Quant Date : 1/22/2026 1:26 pm

Compound #25: Acrylonitrile



Original Peak Response = 32125



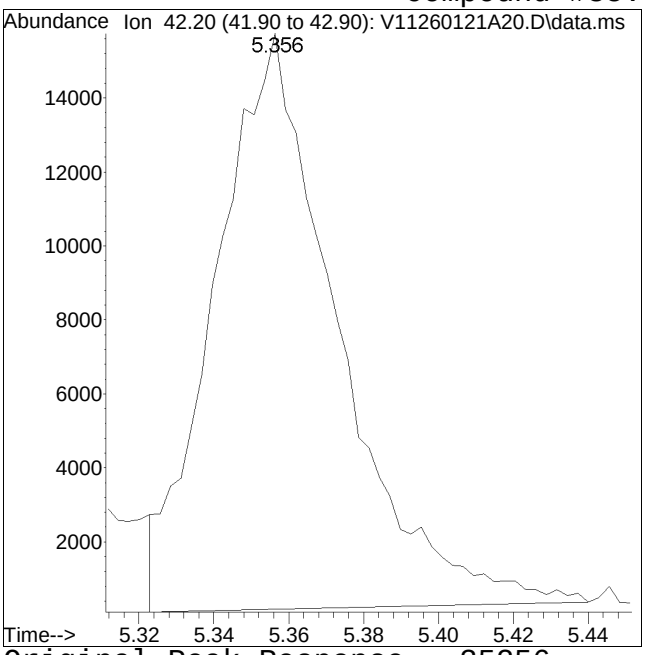
Manual Peak Response = 36716 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

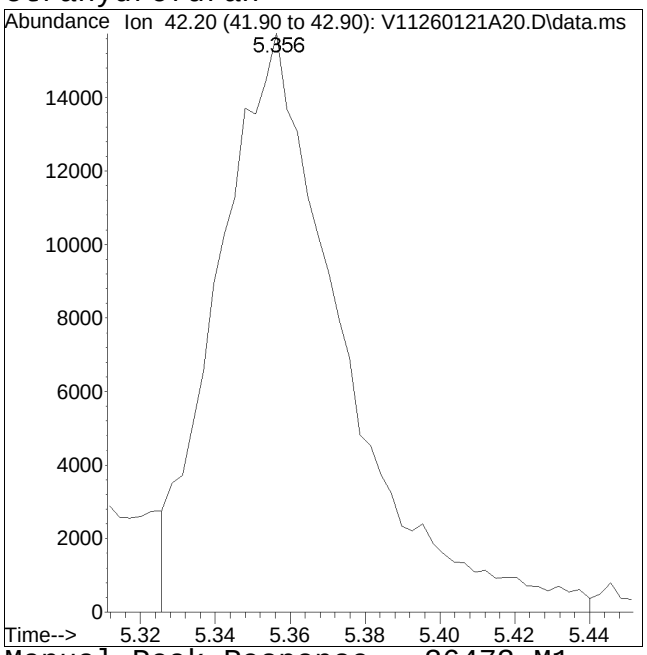
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A20.D Operator : VOA111:JIC
Date Inj'd : 1/22/2026 12:46 am Instrument : VOA111
Sample : C8260STD40PPB Quant Date : 1/22/2026 1:26 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 35256



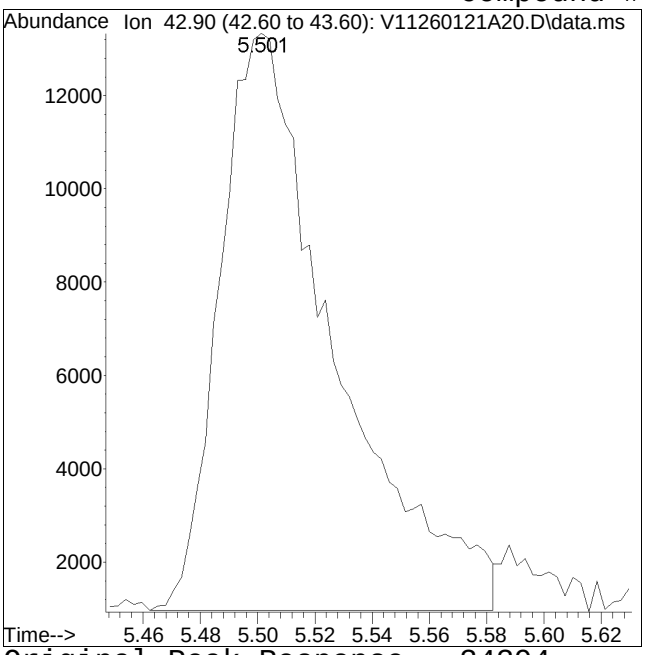
Manual Peak Response = 36473 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

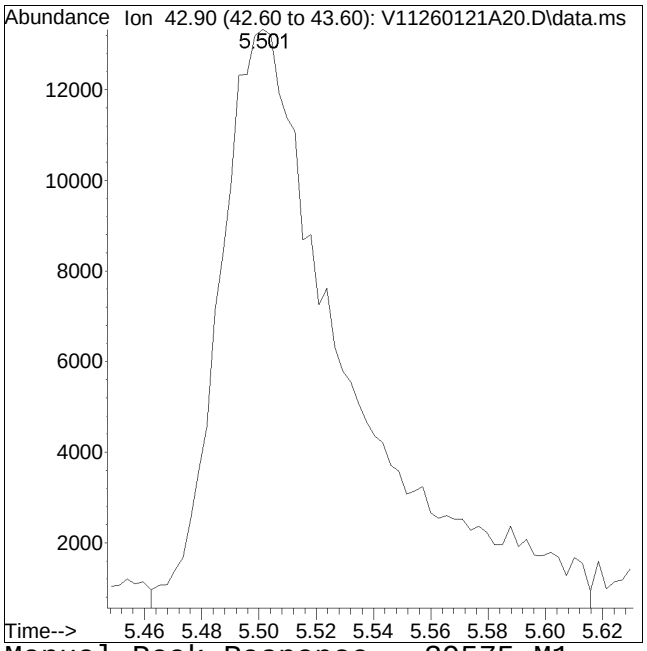
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A20.D Operator : VOA111:JIC
Date Inj'd : 1/22/2026 12:46 am Instrument : VOA111
Sample : C8260STD40PPB Quant Date : 1/22/2026 1:26 pm

Compound #39: 2-Butanone



Original Peak Response = 34394



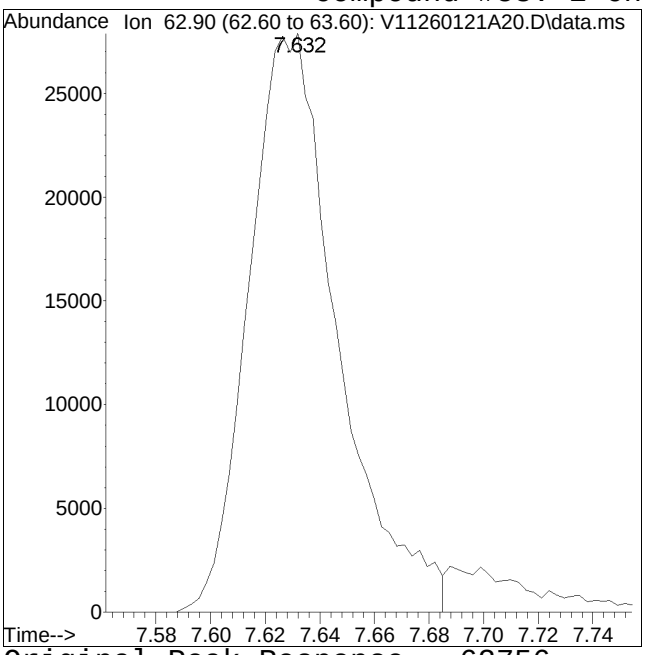
Manual Peak Response = 39575 M1

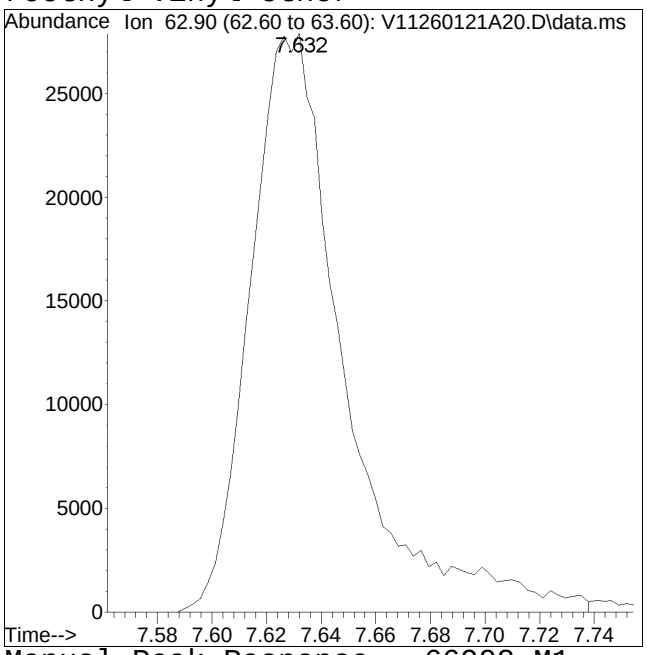
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A20.D Operator : VOA111:JIC
Date Inj'd : 1/22/2026 12:46 am Instrument : VOA111
Sample : C8260STD40PPB Quant Date : 1/22/2026 1:26 pm

Compound #53: 2-Chloroethyl vinyl ether



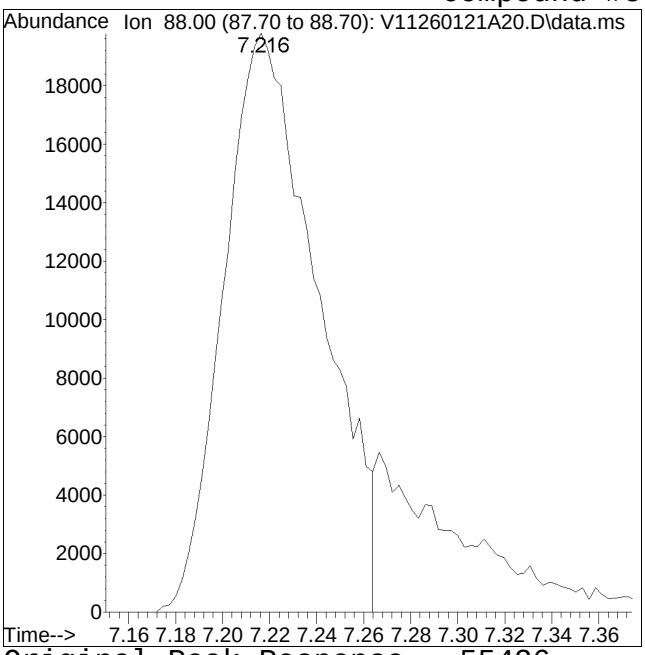


Original Peak Response = 62756 Manual Peak Response = 66992 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

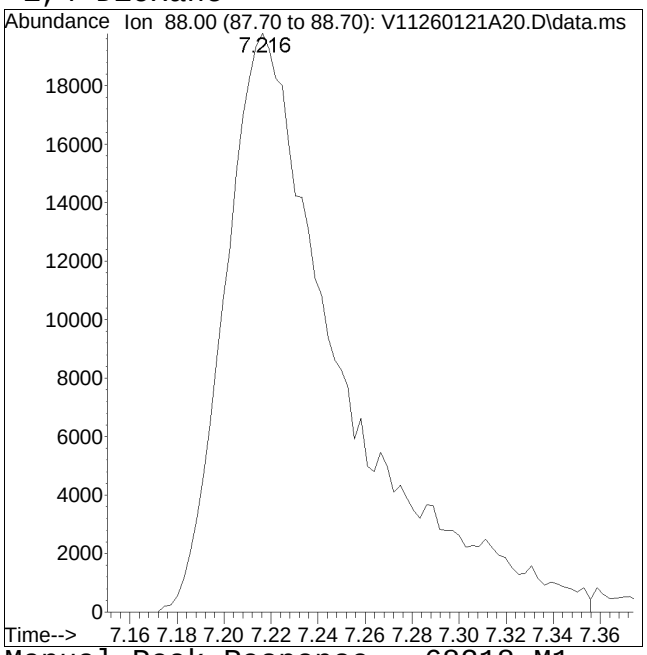
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A20.D Operator : VOA111:JIC
Date Inj'd : 1/22/2026 12:46 am Instrument : VOA111
Sample : C8260STD40PPB Quant Date : 1/22/2026 1:26 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 55426



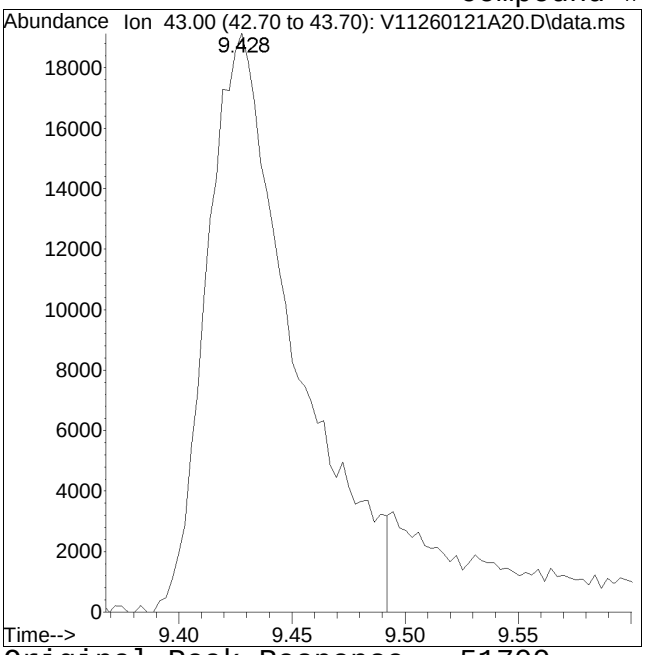
Manual Peak Response = 68218 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

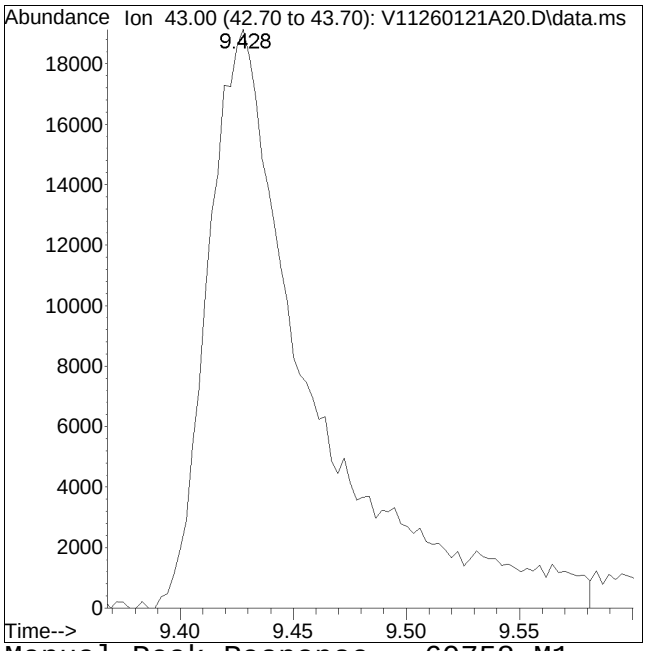
Manual Integration Report

Data Path : K:\VOA111\2026\260121ICAL\QMethod : V111_260121A_8260.m
Data File : V11260121A20.D Operator : VOA111:JIC
Date Inj'd : 1/22/2026 12:46 am Instrument : VOA111
Sample : C8260STD40PPB Quant Date : 1/22/2026 1:26 pm

Compound #72: 2-Hexanone



Original Peak Response = 51700



Manual Peak Response = 60758 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Response Factor Report VOA110

Method Path : K:\VOA110\2026\260305ICAL\
Method File : V110_260305A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Mar 06 12:21:57 2026
Response Via : Initial Calibration

Calibration Files
L0 =V10260305A03.D L1 =V10260305A05.D L1.5=V10260305A07.D L2 =V10260305A09.D L3 =V10260305A10.D
L4 =V10260305A11.D L6 =V10260305A12.D L7 =V10260305A13.D L8 =V10260305A14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
1)	I	Fluorobenzene	ISTD										
2)	TP	Dichlorodifluo...	0.147	0.189	0.143	0.153	0.143	0.140	0.145	0.140	0.150		10.73
3)	TP	Chloromethane	0.352	0.424	0.352	0.299	0.285	0.270	0.275	0.265	0.315		17.78
4)	TP	Vinyl chloride	0.214	0.308	0.268	0.258	0.243	0.240	0.247	0.239	0.252		10.91
5)	TP	Bromomethane	0.345	0.250	0.201	0.141	0.136	0.136	0.144	0.141	*L		0.9992
6)	TP	Chloroethane	0.167	0.227	0.194	0.175	0.172	0.164	0.154	0.130	0.173		16.41
7)	TP	Trichlorofluor...	0.213	0.331	0.262	0.267	0.252	0.261	0.264	0.251	0.263		12.42
8)	TP	Ethyl ether	0.154	0.174	0.159	0.145	0.145	0.145	0.148	0.138	0.151		7.26
10)	TP	1,1-Dichloroet...	0.205	0.284	0.211	0.189	0.185	0.184	0.187	0.178	0.203		17.10
11)	TP	Carbon disulfide	0.640	0.887	0.727	0.652	0.634	0.637	0.651	0.625	0.682		13.02
12)	TP	Freon-113	0.130	0.211	0.162	0.177	0.166	0.179	0.181	0.175	0.173		13.09
14)	TP	Acrolein				0.026	0.025	0.024	0.024	0.022	0.024		6.18
15)	TP	Methylene chlo...			0.265	0.232	0.229	0.226	0.229	0.216	0.233		7.21
17)	TP	Acetone		0.243	0.223	0.123	0.119	0.118	0.118	0.105	*L		0.9962
18)	TP	trans-1,2-Dich...	0.276	0.353	0.281	0.226	0.219	0.219	0.222	0.212	0.251		19.60
19)	TP	Methyl acetate		0.340	0.331	0.254	0.260	0.265	0.277	0.248	0.282		13.32
20)	TP	Methyl tert-bu...	0.842	0.865	0.832	0.730	0.742	0.749	0.767	0.725	0.781		7.15
21)	TP	tert-Butyl alc...	0.072	0.067	0.058	0.054	0.050	0.052	0.055	0.048	0.057		14.64
22)	TP	Diisopropyl ether	0.984	1.147	1.031	1.008	1.026	1.057	1.059	1.006	1.040		4.84
23)	TP	1,1-Dichloroet...	0.462	0.574	0.516	0.465	0.452	0.453	0.454	0.437	0.477		9.59
24)	TP	Halothane	0.153	0.225	0.189	0.177	0.171	0.175	0.175	0.168	0.179		11.80
25)	TP	Acrylonitrile		0.165	0.142	0.121	0.119	0.122	0.123	0.113	0.129		14.06
26)	TP	Ethyl tert-but...	0.814	0.940	0.871	0.854	0.866	0.905	0.908	0.864	0.878		4.42
27)	TP	Vinyl acetate	0.790	0.881	0.825	0.822	0.845	0.871	0.886	0.839	0.845		3.90
28)	TP	cis-1,2-Dichlo...	0.284	0.346	0.299	0.263	0.260	0.263	0.259	0.247	0.278		11.62
29)	TP	2,2-Dichloropr...	0.329	0.453	0.384	0.346	0.329	0.333	0.335	0.320	0.354		12.67
30)	TP	Bromochloromet...	0.143	0.152	0.140	0.129	0.126	0.127	0.127	0.119	0.133		8.27
31)	TP	Cyclohexane	0.370	0.586	0.436	0.432	0.396	0.448	0.455	0.443	0.446		14.22
32)	TP	Chloroform	0.545	0.563	0.475	0.402	0.394	0.400	0.399	0.379	0.445		16.58
33)	TP	Ethyl acetate		0.490	0.362	0.356	0.377	0.389	0.410	0.372	0.394		11.73
34)	TP	Carbon tetrach...	0.247	0.333	0.295	0.285	0.274	0.291	0.296	0.286	0.288		8.39

Response Factor Report VOA110

Method Path : K:\VOA110\2026\260305ICAL\
Method File : V110_260305A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Mar 06 12:21:57 2026
Response Via : Initial Calibration

Calibration Files
L0 =V10260305A03.D L1 =V10260305A05.D L1.5=V10260305A07.D L2 =V10260305A09.D L3 =V10260305A10.D
L4 =V10260305A11.D L6 =V10260305A12.D L7 =V10260305A13.D L8 =V10260305A14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
35)	TP	Tetrahydrofuran			0.169	0.133	0.129	0.130	0.142	0.124	0.138		11.76
36)	S	Dibromofluorom...	0.284	0.279	0.275	0.272	0.256	0.249	0.252	0.247	0.245	0.262	5.80
37)	TP	1,1,1-Trichlor...	0.495	0.375	0.445	0.363	0.326	0.313	0.325	0.326	0.313	0.364	17.76
39)	TP	2-Butanone			0.194	0.177	0.167	0.168	0.174	0.185	0.165	0.176	5.96
40)	TP	1,1-Dichloropr...	0.283	0.233	0.340	0.303	0.294	0.287	0.299	0.304	0.291	0.293	9.51
41)	TP	Benzene	1.030	0.872	1.090	1.019	0.936	0.927	0.944	0.954	0.908	0.964	7.11
42)	TP	tert-Amyl meth...		0.667	0.764	0.706	0.727	0.713	0.757	0.766	0.729	0.729	4.65
43)	S	1,2-Dichloroet...	0.288	0.287	0.289	0.284	0.270	0.265	0.269	0.276	0.281	0.279	3.25
44)	TP	1,2-Dichloroet...		0.332	0.378	0.356	0.324	0.319	0.327	0.329	0.310	0.334	6.57
47)	TP	Methyl cyclohe...		0.350	0.430	0.334	0.375	0.346	0.401	0.412	0.404	0.382	9.21
48)	TP	Trichloroethene	0.445	0.268	0.296	0.258	0.234	0.232	0.237	0.239	0.231	*L	0.9996
50)	TP	Dibromomethane		0.163	0.174	0.158	0.146	0.142	0.147	0.147	0.138	0.152	7.97
51)	TP	1,2-Dichloropr...		0.249	0.322	0.287	0.283	0.271	0.283	0.278	0.267	0.280	7.45
53)	TP	2-Chloroethyl ...			0.173	0.187	0.189	0.185	0.197	0.201	0.187	0.189	4.80
54)	TP	Bromodichlorom...	0.700	0.410	0.405	0.359	0.350	0.318	0.333	0.330	0.315	*L	0.9992
57)	TP	1,4-Dioxane		0.002	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003#	13.96
58)	TP	cis-1,3-Dichlo...	0.398	0.370	0.448	0.434	0.432	0.412	0.433	0.428	0.407	0.418	5.69
59)	I	Chlorobenzene-d5	----------	----------	ISTD	----------	----------						
60)	S	Toluene-d8	1.143	1.159	1.164	1.193	1.205	1.211	1.218	1.233	1.244	1.197	2.92
61)	TP	Toluene		0.652	0.820	0.747	0.738	0.713	0.756	0.756	0.729	0.739	6.38
62)	TP	4-Methyl-2-pen...		0.116	0.135	0.143	0.159	0.153	0.167	0.173	0.159	0.151	12.20
63)	TP	Tetrachloroethene	0.299	0.219	0.303	0.279	0.293	0.280	0.305	0.307	0.298	0.287	9.58
65)	TP	trans-1,3-Dich...		0.343	0.442	0.422	0.485	0.457	0.490	0.486	0.465	0.449	10.90
67)	TP	Ethyl methacry...		0.488	0.466	0.447	0.453	0.423	0.452	0.461	0.434	0.453	4.37
68)	TP	1,1,2-Trichlor...		0.268	0.262	0.224	0.246	0.225	0.239	0.235	0.225	0.241	7.14
69)	TP	Chlorodibromom...	0.266	0.296	0.332	0.325	0.359	0.323	0.348	0.346	0.328	0.325	8.82
70)	TP	1,3-Dichloropr...		0.369	0.468	0.466	0.500	0.478	0.496	0.496	0.471	0.468	9.07
71)	TP	1,2-Dibromoethane	0.193	0.218	0.267	0.259	0.295	0.279	0.295	0.295	0.279	0.264	13.68
72)	TP	2-Hexanone			0.275	0.306	0.322	0.308	0.337	0.350	0.314	0.316	7.58
73)	TP	Chlorobenzene	0.942	0.758	0.905	0.846	0.886	0.828	0.873	0.867	0.833	0.860	6.09
74)	TP	Ethylbenzene		1.250	1.557	1.378	1.428	1.325	1.421	1.412	1.366	1.392	6.39

Method Path : K:\VOA110\2026\260305ICAL\
Method File : V110_260305A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Mar 06 12:21:57 2026
Response Via : Initial Calibration

Calibration Files
L0 =V10260305A03.D L1 =V10260305A05.D L1.5=V10260305A07.D L2 =V10260305A09.D L3 =V10260305A10.D
L4 =V10260305A11.D L6 =V10260305A12.D L7 =V10260305A13.D L8 =V10260305A14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
75)	TP	1,1,1,2-Tetrac...	0.259	0.241	0.330	0.300	0.336	0.312	0.333	0.330	0.318	0.307	11.24
76)	TP	p/m Xylene	0.704	0.497	0.609	0.554	0.578	0.534	0.568	0.566	0.548	0.573	10.10
77)	TP	o Xylene	0.649	0.490	0.600	0.552	0.581	0.534	0.562	0.557	0.538	0.563	7.93
78)	TP	Styrene	1.063	0.863	1.017	0.929	1.006	0.928	0.979	0.978	0.937	0.967	6.15
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform		0.330	0.385	0.354	0.423	0.394	0.423	0.433	0.412	0.395	9.20
82)	TP	Isopropylbenzene		2.123	2.651	2.356	2.598	2.362	2.573	2.587	2.540	2.474	7.22
83)	S	4-Bromofluorob...	0.874	0.877	0.885	0.870	0.876	0.872	0.869	0.862	0.877	0.873	0.75
84)	TP	Bromobenzene		0.557	0.700	0.642	0.701	0.649	0.685	0.681	0.658	0.659	7.11
85)	TP	n-Propylbenzene		2.446	3.044	2.776	3.059	2.793	3.018	3.025	2.952	2.889	7.29
86)	TP	1,4-Dichlorobu...		0.966	1.101	1.018	1.153	1.052	1.120	1.139	1.085	1.079	5.92
87)	TP	1,1,2,2-Tetrac...	1.031	0.717	0.740	0.727	0.785	0.706	0.742	0.753	0.712	0.768	13.19
88)	TP	4-Ethyltoluene		2.140	2.651	2.395	2.615	2.407	2.592	2.577	2.511	2.486	6.77
89)	TP	2-Chlorotoluene		1.603	1.927	1.727	1.874	1.677	1.796	1.786	1.720	1.764	5.93
90)	TP	1,3,5-Trimethy...		1.887	2.236	2.055	2.199	2.034	2.213	2.216	2.162	2.125	5.76
91)	TP	1,2,3-Trichlor...		0.522	0.560	0.554	0.599	0.541	0.589	0.604	0.567	0.567	5.07
92)	TP	trans-1,4-Dich...		0.258	0.263	0.252	0.271	0.246	0.260	0.270	0.250	0.259	3.49
93)	TP	4-Chlorotoluene		1.654	1.992	1.794	1.920	1.771	1.886	1.874	1.810	1.838	5.64
94)	TP	tert-Butylbenzene		1.634	2.016	1.776	2.013	1.820	1.996	1.986	1.946	1.898	7.38
97)	TP	1,2,4-Trimethy...		1.925	2.234	2.067	2.239	2.053	2.205	2.183	2.133	2.130	5.11
98)	TP	sec-Butylbenzene		2.255	2.859	2.547	2.839	2.583	2.853	2.840	2.779	2.694	8.04
99)	TP	p-Isopropyltol...		2.111	2.658	2.348	2.650	2.397	2.644	2.625	2.559	2.499	7.89
100)	TP	1,3-Dichlorobe...		1.169	1.343	1.255	1.391	1.263	1.332	1.320	1.267	1.293	5.30
101)	TP	1,4-Dichlorobe...		1.257	1.398	1.292	1.422	1.274	1.348	1.334	1.279	1.325	4.57
102)	TP	p-Diethylbenzene		1.380	1.567	1.445	1.622	1.480	1.608	1.596	1.556	1.532	5.69
103)	TP	n-Butylbenzene		1.781	2.288	2.053	2.263	2.068	2.268	2.249	2.200	2.146	8.08
104)	TP	1,2-Dichlorobe...		1.118	1.270	1.212	1.338	1.220	1.281	1.266	1.210	1.239	5.26
105)	TP	1,2,4,5-Tetram...		2.219	2.537	2.334	2.572	2.380	2.522	2.500	2.436	2.438	4.92
106)	TP	1,2-Dibromo-3-...			0.136	0.139	0.159	0.144	0.150	0.157	0.144	0.147	6.02
107)	TP	1,3,5-Trichlor...		0.868	0.979	0.896	0.989	0.903	0.962	0.965	0.924	0.936	4.73
108)	TP	Hexachlorobuta...		0.298	0.409	0.383	0.411	0.389	0.428	0.434	0.428	0.398	11.15

Method Path : K:\VOA110\2026\260305ICAL\
Method File : V110_260305A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Mar 06 12:21:57 2026
Response Via : Initial Calibration

Calibration Files
L0 =V10260305A03.D L1 =V10260305A05.D L1.5=V10260305A07.D L2 =V10260305A09.D L3 =V10260305A10.D
L4 =V10260305A11.D L6 =V10260305A12.D L7 =V10260305A13.D L8 =V10260305A14.D

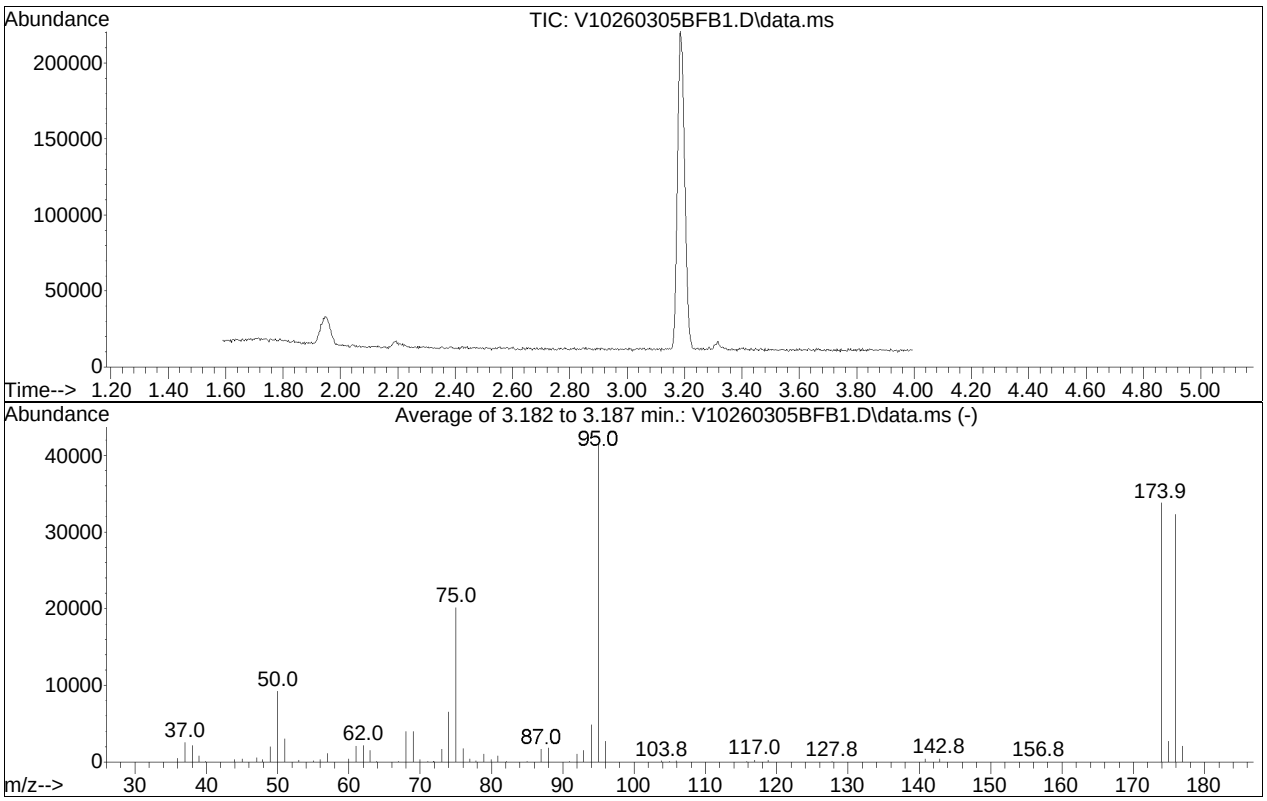
	Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
109)	TP 1,2,4-Trichlor...	0.802	0.903	0.828	0.926	0.855	0.901	0.907	0.865	0.873	4.96	
110)	TP Naphthalene	2.515	2.608	2.428	2.592	2.457	2.561	2.611	2.454	2.528	2.97	
111)	TP 1,2,3-Trichlor...	0.850	0.845	0.781	0.862	0.805	0.843	0.854	0.820	0.832	3.34	

(#) = Out of Range

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305BFB1.D
Acq On : 5 Mar 2026 3:38 pm
Operator : VOA110:JIC
Sample : WG2182226-1
Misc : WG2182226,ICAL
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Mar 06 12:21:57 2026



Spectrum Information: Average of 3.182 to 3.187 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.2	9263	PASS
75	95	30	60	48.3	20133	PASS
95	95	100	100	100.0	41645	PASS
96	95	5	9	6.5	2718	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.2	33829	PASS
175	174	5	9	7.9	2668	PASS
176	174	95	101	95.5	32301	PASS
177	176	5	9	6.6	2119	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A03.D
Acq On : 5 Mar 2026 4:55 pm
Operator : VOA110:JIC
Sample : I8260STD0.5PPB
Misc : WG2182226,ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 06 12:35:05 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.197	96	120358	20.000 ug/L	0.00
Standard Area 1 = 163785			Recovery = 73.49%		
59) Chlorobenzene-d5	9.749	117	110094	20.000 ug/L	0.00
Standard Area 1 = 132630			Recovery = 83.01%		
79) 1,4-Dichlorobenzene-d4	12.412	152	64551	20.000 ug/L	0.00
Standard Area 1 = 74236			Recovery = 86.95%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.377	113	34207	22.793 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 113.97%		
43) 1,2-Dichloroethane-d4	5.912	65	34637	21.740 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 108.70%		
60) Toluene-d8	7.895	98	125816	18.873 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.37%		
83) 4-Bromofluorobenzene	11.219	95	56437	20.051 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.25%		
Target Compounds					Qvalue
37) 1,1,1-Trichloroethane	5.413	97	1490M1	0.792 ug/L	
40) 1,1-Dichloropropene	5.533	75	851M1	0.492 ug/L	
41) Benzene	5.781	78	3100	0.556 ug/L #	70
48) Trichloroethene	6.372	95	1340M1	0.959 ug/L	
54) Bromodichloromethane	6.994	83	2106M1	1.099 ug/L	
58) cis-1,3-Dichloropropene	7.700	75	1197M1	0.482 ug/L	
63) Tetrachloroethene	8.419	166	822	0.533 ug/L #	38
69) Chlorodibromomethane	8.829	129	731M1	0.411 ug/L	
71) 1,2-Dibromoethane	9.127	107	531	0.346 ug/L	99
73) Chlorobenzene	9.774	112	2593	0.569 ug/L #	75
75) 1,1,1,2-Tetrachloroethane	9.855	131	712M1	0.414 ug/L	
76) p/m Xylene	10.000	106	3876M1	1.319 ug/L	
77) o Xylene	10.525	106	3570	1.215 ug/L	92
78) Styrene	10.594	104	5850	1.146 ug/L	93
87) 1,1,2,2-Tetrachloroethane	11.445	83	1663M1	0.729 ug/L	

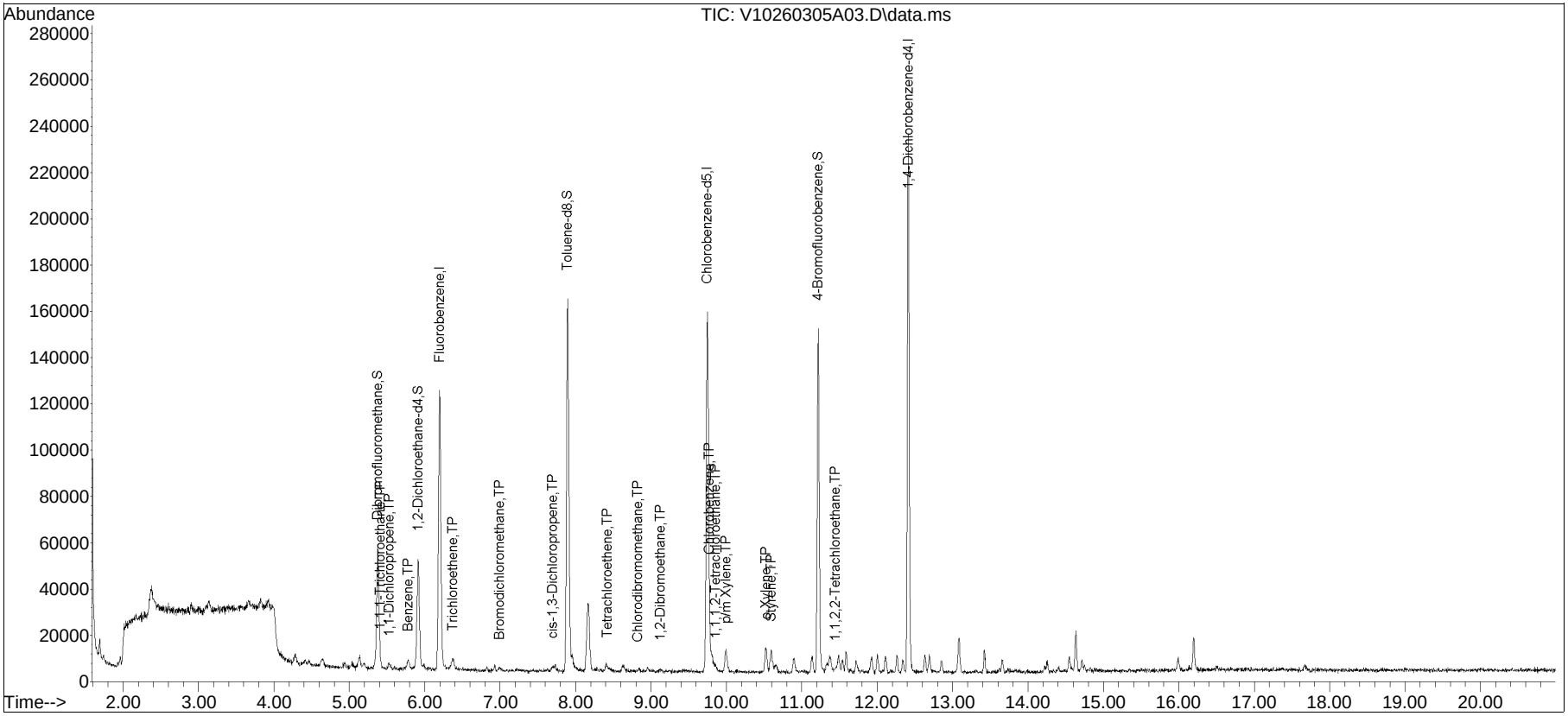
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A03.D
Acq On : 5 Mar 2026 4:55 pm
Operator : VOA110:JIC
Sample : I8260STD0.5PPB
Misc : WG2182226,ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 06 12:35:05 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

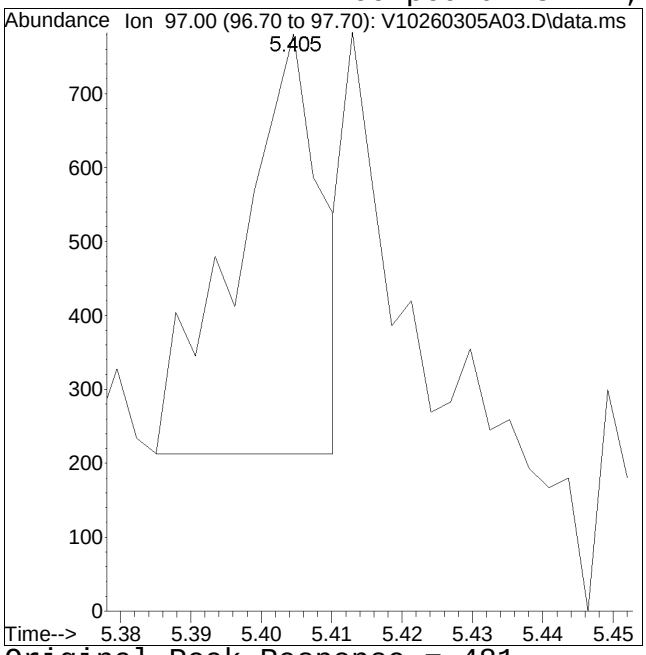
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH5A11.D•

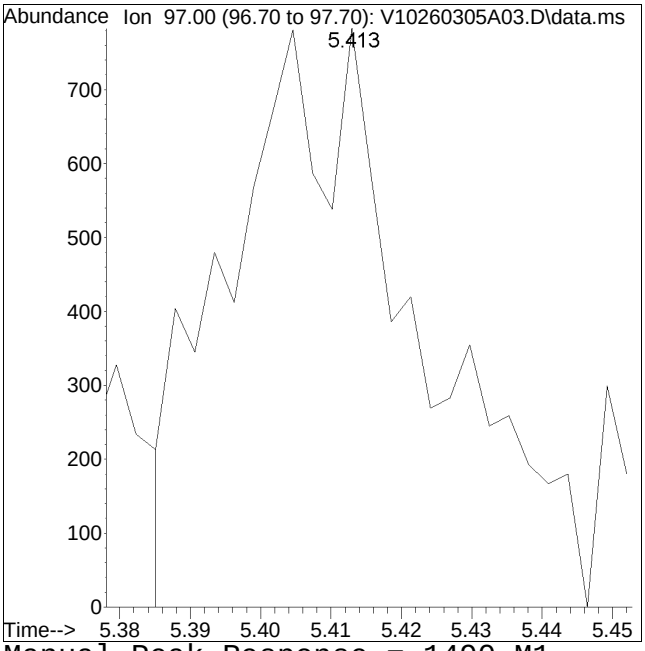


Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A03.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 4:55 pm Instrument : VOA110
Sample : I8260STD0.5PPB Quant Date : 3/6/2026 11:24 am

Compound #37: 1,1,1-Trichloroethane



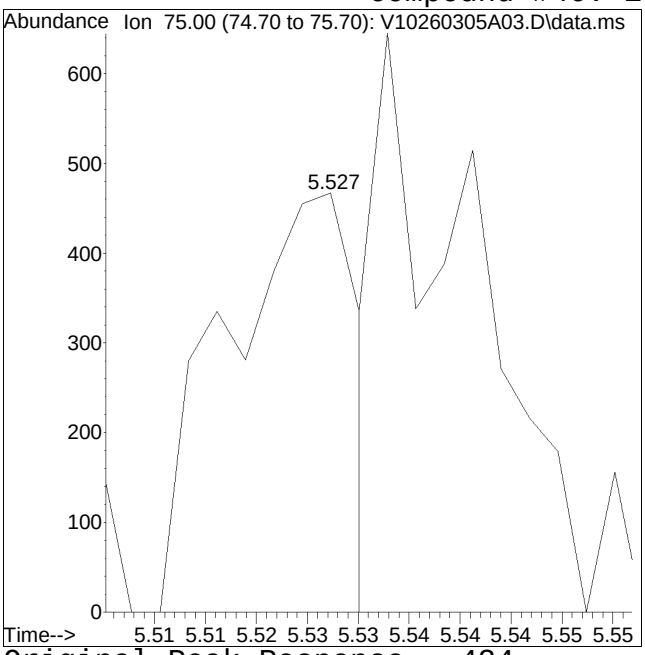


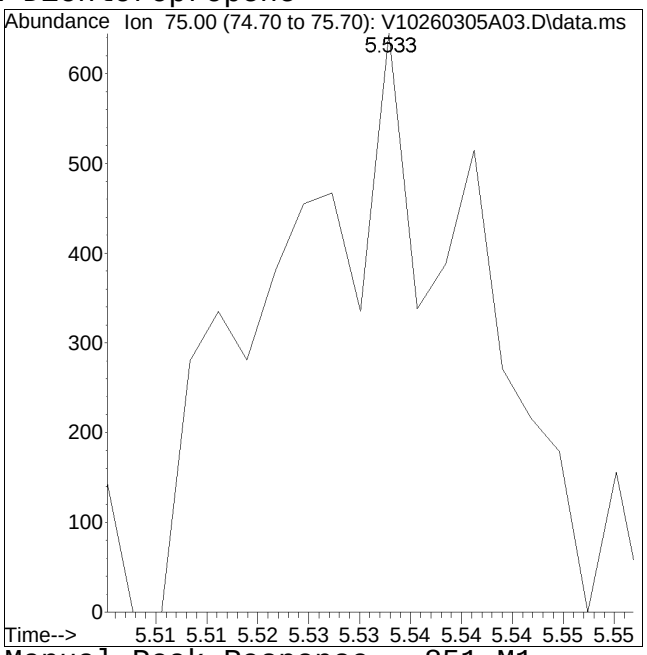
Original Peak Response = 481 Manual Peak Response = 1490 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A03.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 4:55 pm Instrument : VOA110
Sample : I8260STD0.5PPB Quant Date : 3/6/2026 11:24 am

Compound #40: 1,1-Dichloropropene



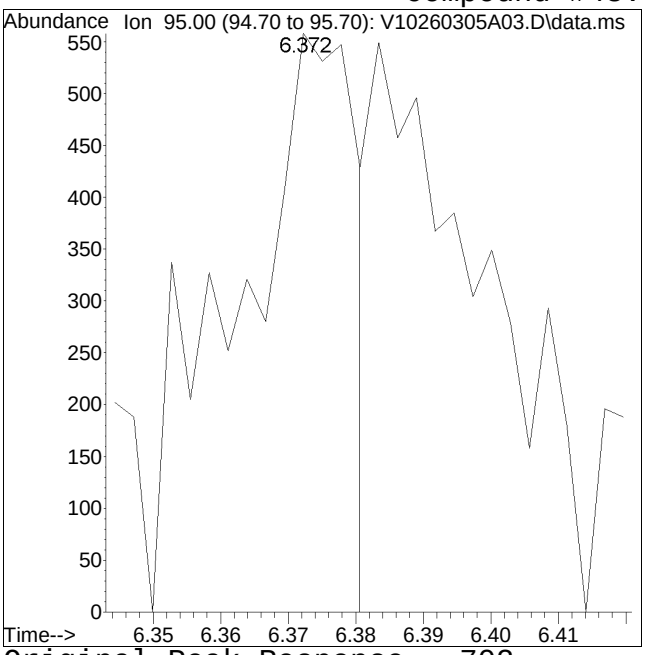


Original Peak Response = 424 Manual Peak Response = 851 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

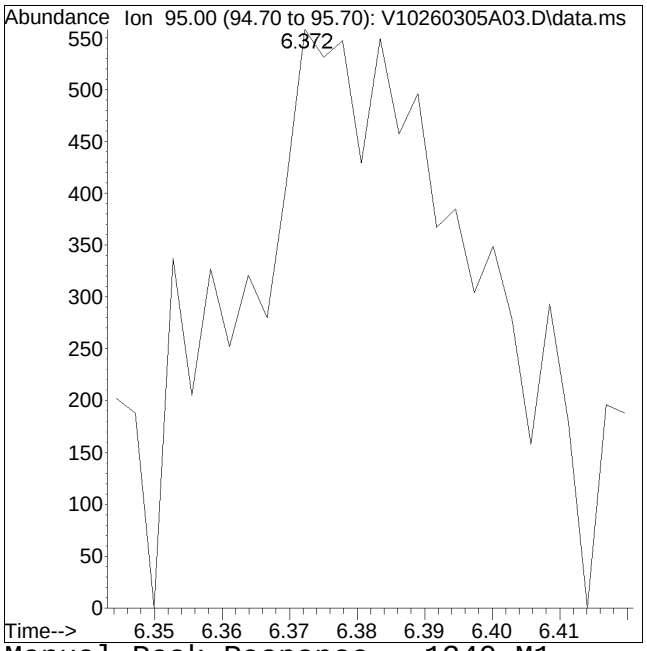
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A03.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 4:55 pm Instrument : VOA110
Sample : I8260STD0.5PPB Quant Date : 3/6/2026 11:24 am

Compound #48: Trichloroethene



Original Peak Response = 702



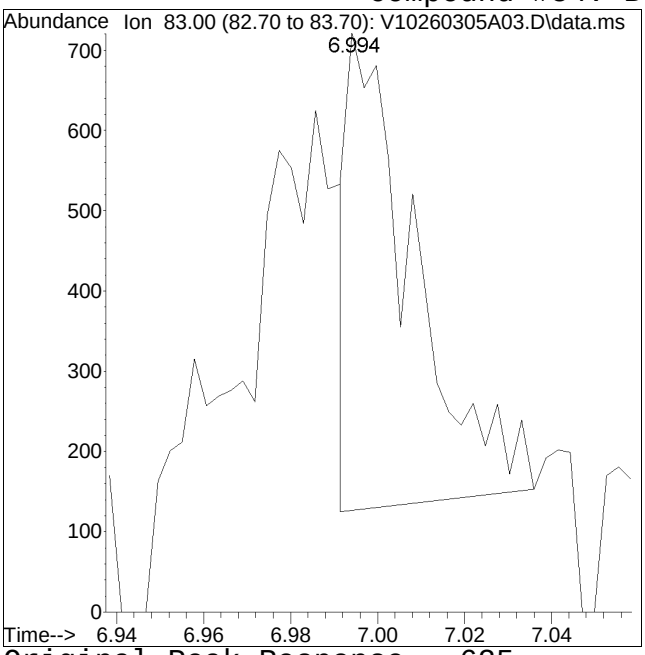
Manual Peak Response = 1340 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

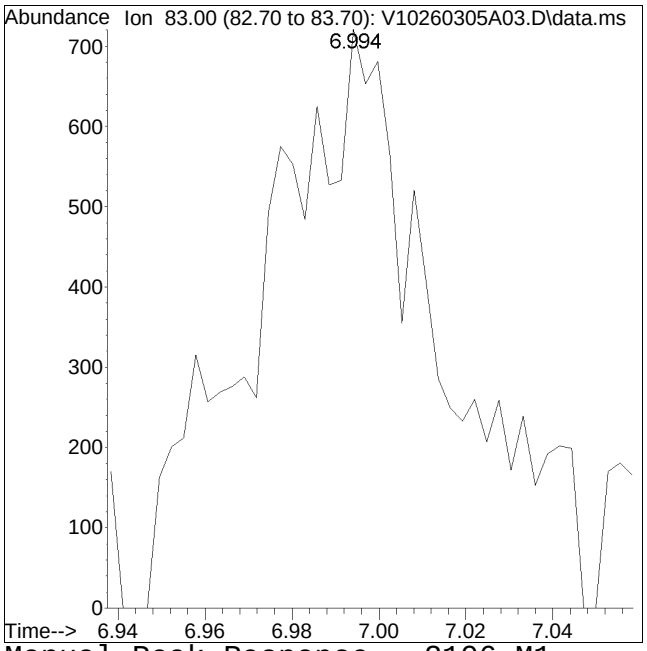
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A03.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 4:55 pm Instrument : VOA110
Sample : I8260STD0.5PPB Quant Date : 3/6/2026 11:24 am

Compound #54: Bromodichloromethane



Original Peak Response = 625



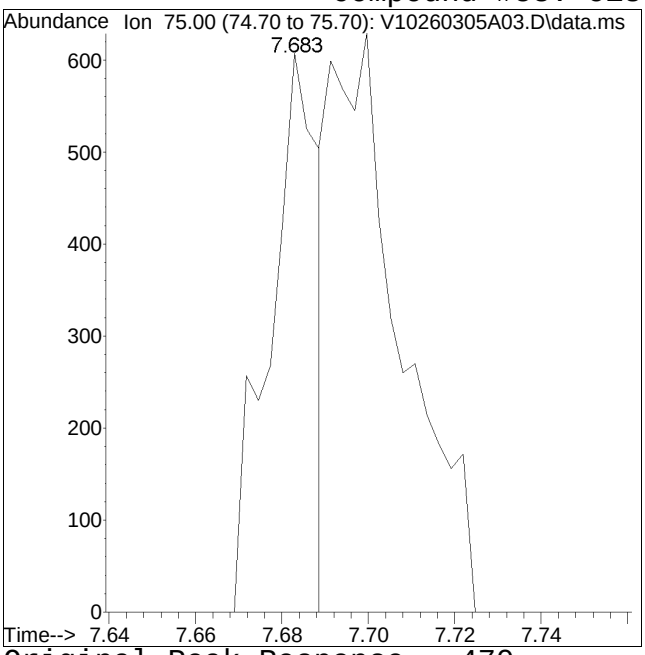
Manual Peak Response = 2106 M1

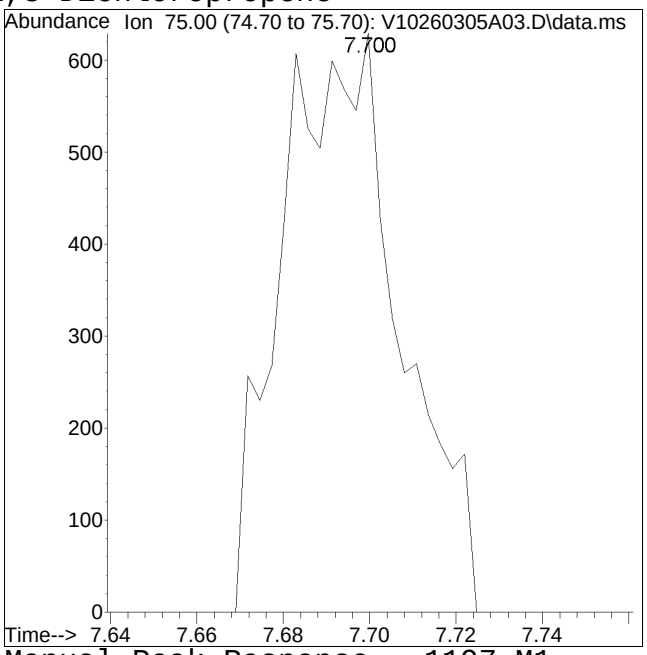
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A03.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 4:55 pm Instrument : VOA110
Sample : I8260STD0.5PPB Quant Date : 3/6/2026 11:24 am

Compound #58: cis-1,3-Dichloropropene



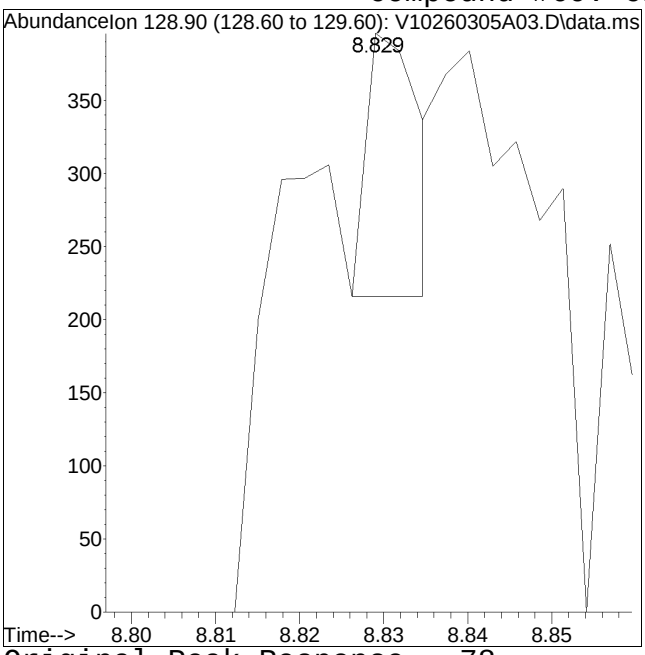


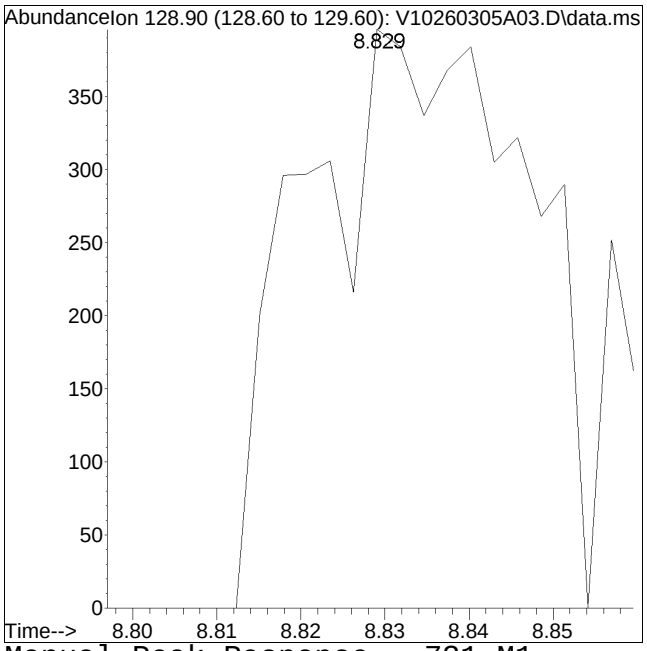
Original Peak Response = 470 Manual Peak Response = 1197 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A03.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 4:55 pm Instrument : VOA110
Sample : I8260STD0.5PPB Quant Date : 3/6/2026 11:24 am

Compound #69: Chlorodibromomethane



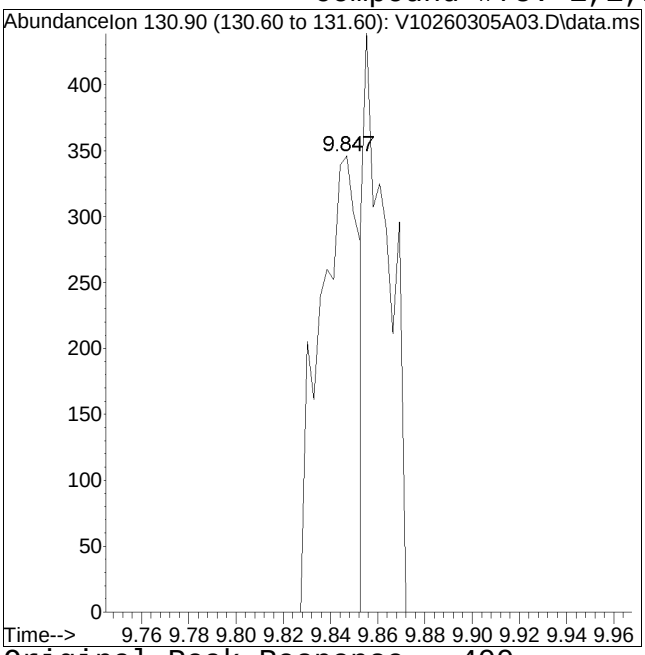


Original Peak Response = 78 Manual Peak Response = 731 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

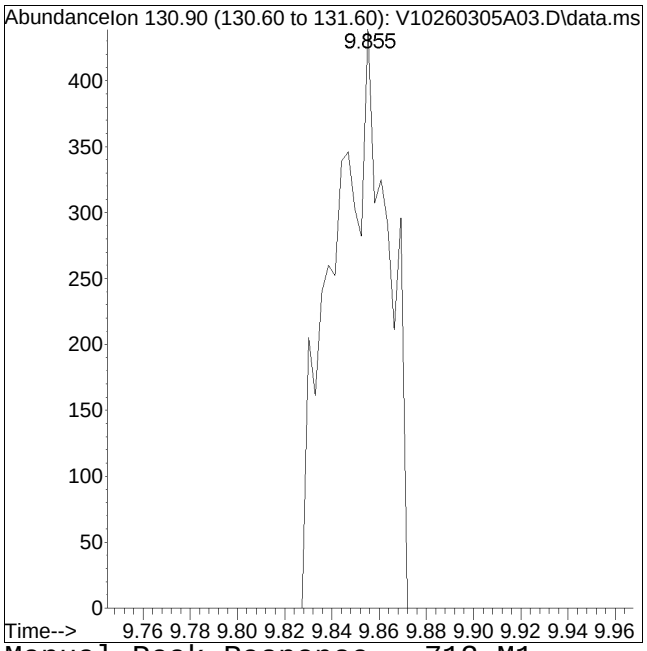
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A03.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 4:55 pm Instrument : VOA110
Sample : I8260STD0.5PPB Quant Date : 3/6/2026 11:24 am

Compound #75: 1,1,1,2-Tetrachloroethane



Original Peak Response = 400



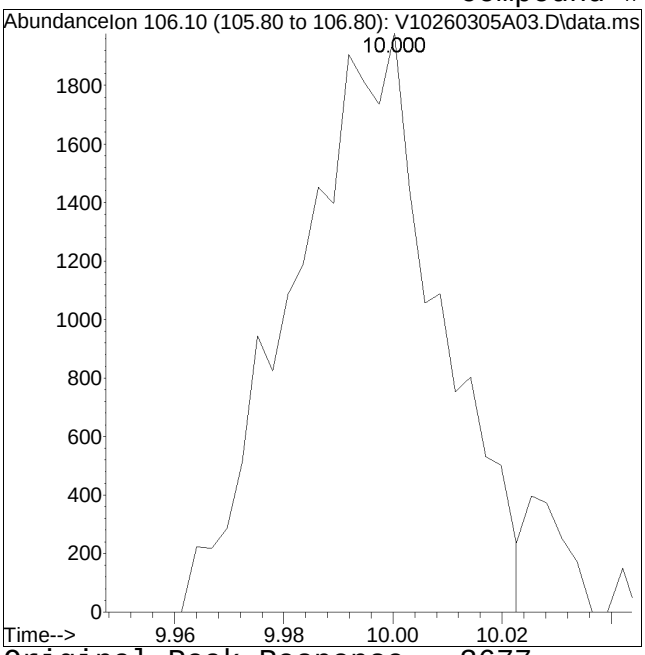
Manual Peak Response = 712 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

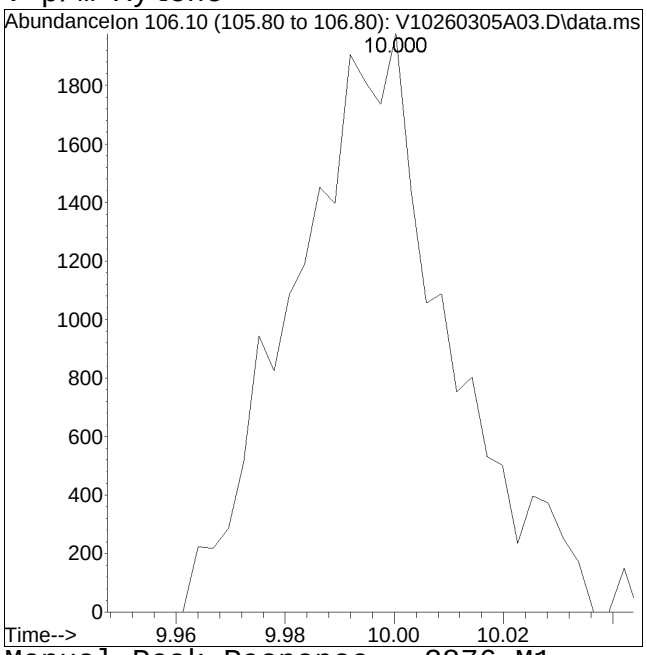
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A03.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 4:55 pm Instrument : VOA110
Sample : I8260STD0.5PPB Quant Date : 3/6/2026 11:24 am

Compound #76: p/m Xylene



Original Peak Response = 3677



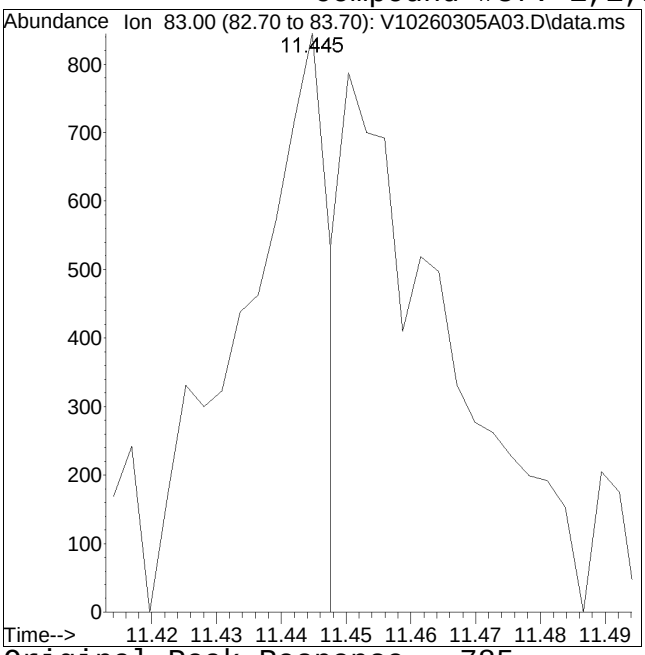
Manual Peak Response = 3876 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

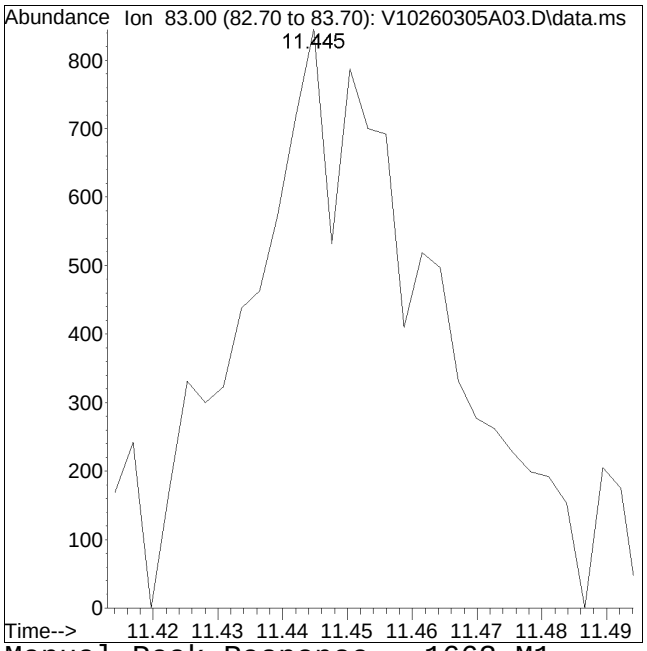
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A03.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 4:55 pm Instrument : VOA110
Sample : I8260STD0.5PPB Quant Date : 3/6/2026 11:24 am

Compound #87: 1,1,2,2-Tetrachloroethane



Original Peak Response = 785



Manual Peak Response = 1663 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A05.D
Acq On : 5 Mar 2026 5:50 pm
Operator : VOA110:JIC
Sample : I8260STD1.0PPB
Misc : WG2182226,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 06 13:06:21 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.196	96	137959	20.000 ug/L	0.00
Standard Area 1 = 163785			Recovery = 84.23%		
59) Chlorobenzene-d5	9.749	117	123035	20.000 ug/L	0.00
Standard Area 1 = 132630			Recovery = 92.77%		
79) 1,4-Dichlorobenzene-d4	12.415	152	72457	20.000 ug/L	0.00
Standard Area 1 = 74236			Recovery = 97.60%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.374	113	38503	22.383 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 111.91%		
43) 1,2-Dichloroethane-d4	5.909	65	39562	21.663 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 108.32%		
60) Toluene-d8	7.895	98	142586	19.138 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.69%		
83) 4-Bromofluorobenzene	11.216	95	63524	20.106 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.53%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.737	85	1017	1.031 ug/L #	83
3) Chloromethane	1.935	50	2431	1.239 ug/L	72
4) Vinyl chloride	2.011	62	1479	0.881 ug/L	100
5) Bromomethane	2.340	94	2377M1	2.538 ug/L	
6) Chloroethane	2.465	64	1152	0.971 ug/L	90
7) Trichlorofluoromethane	2.602	101	1469	0.845 ug/L #	63
8) Ethyl ether	2.903	74	1061M1	1.058 ug/L	
10) 1,1-Dichloroethene	3.107	96	1416	1.110 ug/L #	75
11) Carbon disulfide	3.137	76	4416	1.010 ug/L #	83
12) Freon-113	3.134	101	896M1	0.783 ug/L	
14) Acrolein	0.000		0	N.D. d	
15) Methylene chloride	3.661	84	2164M1	1.371 ug/L	
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	3.823	96	1904M1	1.260 ug/L	
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	3.924	73	5807	1.135 ug/L #	64
21) tert-Butyl alcohol	4.013	59	2468M1	7.154 ug/L	
22) Diisopropyl ether	4.286	45	6785	0.959 ug/L #	60
23) 1,1-Dichloroethane	4.412	63	3186	1.021 ug/L	95
24) Halothane	4.459	117	1052M1	0.892 ug/L	
25) Acrylonitrile	0.000		0	N.D. d	

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A05.D
Acq On : 5 Mar 2026 5:50 pm
Operator : VOA110:JIC
Sample : I8260STD1.0PPB
Misc : WG2182226,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 06 13:06:21 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
26) Ethyl tert-butyl ether	4.632	59	5612	0.939 ug/L #	73
27) Vinyl acetate	4.649	43	5451M1	0.936 ug/L	
28) cis-1,2-Dichloroethene	4.939	96	1961	1.095 ug/L	90
29) 2,2-Dichloropropane	5.034	77	2270M1	1.000 ug/L	
30) Bromochloromethane	5.126	128	987M1	1.133 ug/L	
31) Cyclohexane	5.139	56	2555M1	0.935 ug/L	
32) Chloroform	5.198	83	3762	1.386 ug/L #	92
33) Ethyl acetate	0.000		0	N.D. d	
34) Carbon tetrachloride	5.340	117	1701	0.901 ug/L	95
35) Tetrahydrofuran	0.000		0	N.D. d	
37) 1,1,1-Trichloroethane	5.402	97	2585M1	1.198 ug/L	
39) 2-Butanone	0.000		0	N.D. d	
40) 1,1-Dichloropropene	5.530	75	1609	0.812 ug/L #	69
41) Benzene	5.778	78	6016	0.941 ug/L	94
42) tert-Amyl methyl ether	5.892	73	4600	0.936 ug/L #	77
44) 1,2-Dichloroethane	5.976	62	2287M1	1.040 ug/L	
47) Methyl cyclohexane	6.366	83	2417M3	1.012 ug/L	
48) Trichloroethene	6.378	95	1846	1.153 ug/L #	50
50) Dibromomethane	6.813	93	1122M1	1.148 ug/L	
51) 1,2-Dichloropropane	6.921	63	1716	0.917 ug/L #	57
53) 2-Chloroethyl vinyl ether	0.000		0	N.D. d	
54) Bromodichloromethane	6.988	83	2831M1	1.289 ug/L	
57) 1,4-Dioxane	7.211	88	624M1	26.781 ug/L	
58) cis-1,3-Dichloropropene	7.691	75	2552M1	0.897 ug/L	
61) Toluene	7.956	92	4010	0.914 ug/L	99
62) 4-Methyl-2-pentanone	8.397	58	716	0.762 ug/L #	80
63) Tetrachloroethene	8.408	166	1346	0.781 ug/L #	67
65) trans-1,3-Dichloropropene	8.447	75	2108	0.750 ug/L	88
67) Ethyl methacrylate	8.636	69	3002M1	1.153 ug/L	
68) 1,1,2-Trichloroethane	8.620	83	1650M1	1.190 ug/L	
69) Chlorodibromomethane	8.834	129	1820	0.917 ug/L	78
70) 1,3-Dichloropropane	8.943	76	2267M1	0.771 ug/L	
71) 1,2-Dibromoethane	9.122	107	1343M1	0.784 ug/L	
72) 2-Hexanone	0.000		0	N.D. d	
73) Chlorobenzene	9.766	112	4666M1	0.916 ug/L	
74) Ethylbenzene	9.805	91	7687M1	0.943 ug/L	
75) 1,1,1,2-Tetrachloroethane	9.844	131	1482M1	0.771 ug/L	
76) p/m Xylene	9.992	106	6120M1	1.863 ug/L	
77) o Xylene	10.527	106	6032	1.837 ug/L	97
78) Styrene	10.591	104	10613	1.860 ug/L	98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A05.D
Acq On : 5 Mar 2026 5:50 pm
Operator : VOA110:JIC
Sample : I8260STD1.0PPB
Misc : WG2182226,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 06 13:06:21 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	10.616	173	1197	0.838	ug/L	#	65
82) Isopropylbenzene	10.898	105	7692	0.899	ug/L		93
84) Bromobenzene	11.327	156	2018	0.858	ug/L		98
85) n-Propylbenzene	11.372	91	8860	0.876	ug/L		100
86) 1,4-Dichlorobutane	11.389	55	3499M3	0.918	ug/L		
87) 1,1,2,2-Tetrachloroethane	11.445	83	2596	1.014	ug/L		98
88) 4-Ethyltoluene	11.495	105	7753	0.889	ug/L		99
89) 2-Chlorotoluene	11.539	91	5809M3	0.956	ug/L		
90) 1,3,5-Trimethylbenzene	11.584	105	6838	0.928	ug/L		99
91) 1,2,3-Trichloropropane	11.592	75	1891	0.965	ug/L	#	80
92) trans-1,4-Dichloro-2-b...	11.651	53	935M1	1.049	ug/L		
93) 4-Chlorotoluene	11.721	91	5993M1	0.934	ug/L		
94) tert-Butylbenzene	11.921	119	5919	0.898	ug/L		98
97) 1,2,4-Trimethylbenzene	12.000	105	6974	0.938	ug/L		100
98) sec-Butylbenzene	12.111	105	8170	0.873	ug/L		97
99) p-Isopropyltoluene	12.259	119	7648	0.881	ug/L	#	87
100) 1,3-Dichlorobenzene	12.340	146	4234	0.925	ug/L		98
101) 1,4-Dichlorobenzene	12.426	146	4553	0.987	ug/L	#	83
102) p-Diethylbenzene	12.630	119	5000	0.932	ug/L		89
103) n-Butylbenzene	12.694	91	6452	0.861	ug/L	#	72
104) 1,2-Dichlorobenzene	12.850	146	4050	0.916	ug/L		95
105) 1,2,4,5-Tetramethylben...	13.422	119	8039	0.932	ug/L		96
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	d		
107) 1,3,5-Trichlorobenzene	13.662	180	3143	0.961	ug/L		95
108) Hexachlorobutadiene	14.222	225	1079	0.766	ug/L		93
109) 1,2,4-Trichlorobenzene	14.256	180	2905	0.938	ug/L		98
110) Naphthalene	14.546	128	9112	1.024	ug/L		100
111) 1,2,3-Trichlorobenzene	14.716	180	3079	1.055	ug/L		93

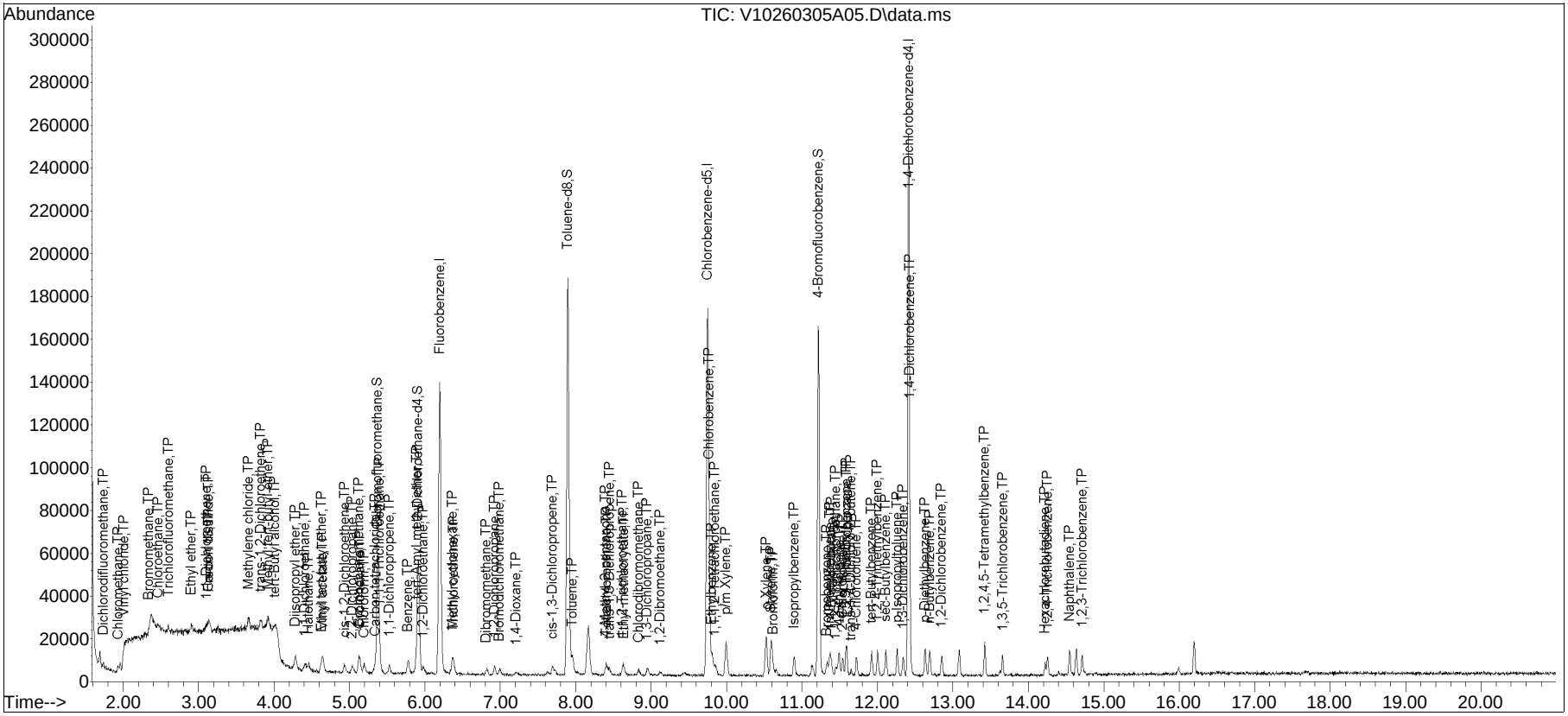
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A05.D
Acq On : 5 Mar 2026 5:50 pm
Operator : VOA110:JIC
Sample : I8260STD1.0PPB
Misc : WG2182226,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 06 13:06:21 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

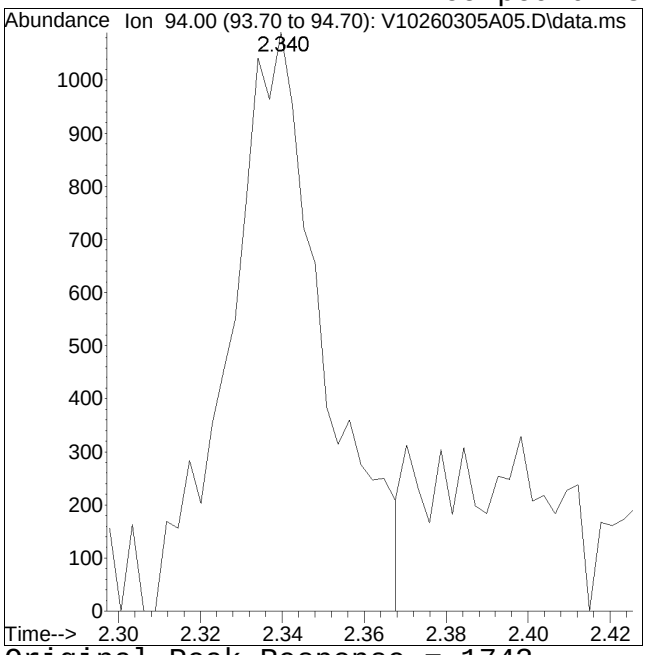
Sub List : 8260-CurveSoil - Megamix plus Diox60305A11.D•



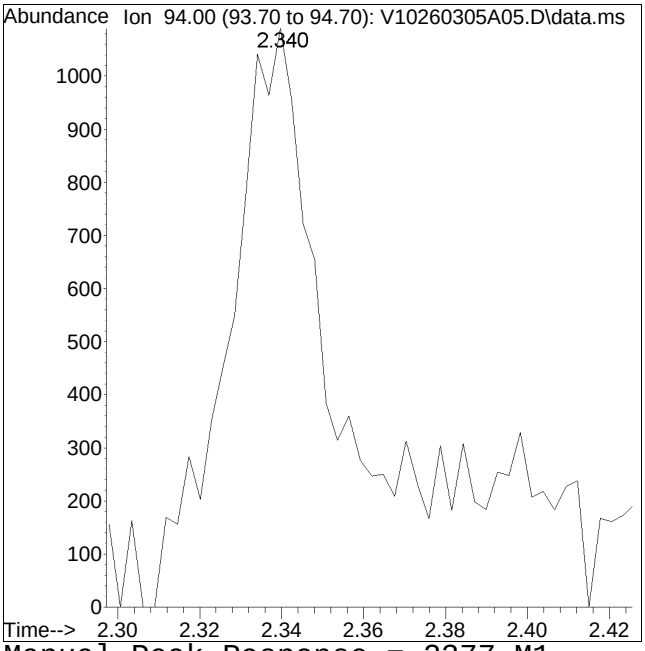
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #5: Bromomethane



Original Peak Response = 1743



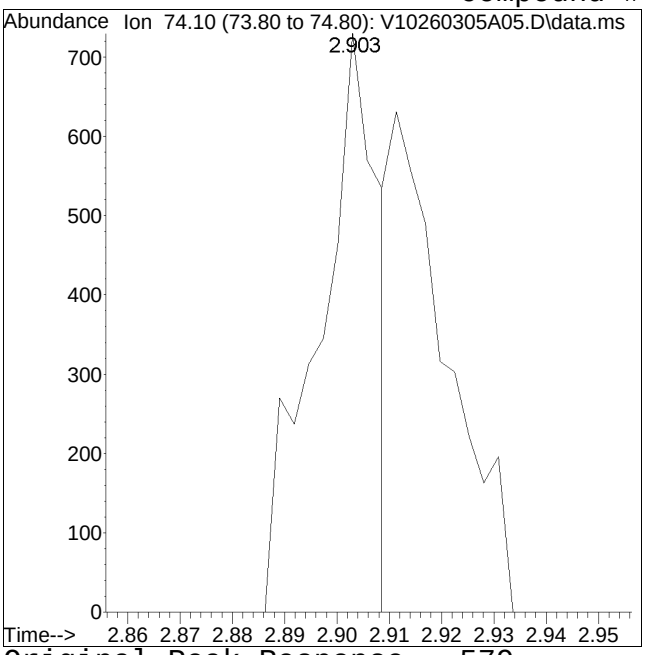
Manual Peak Response = 2377 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

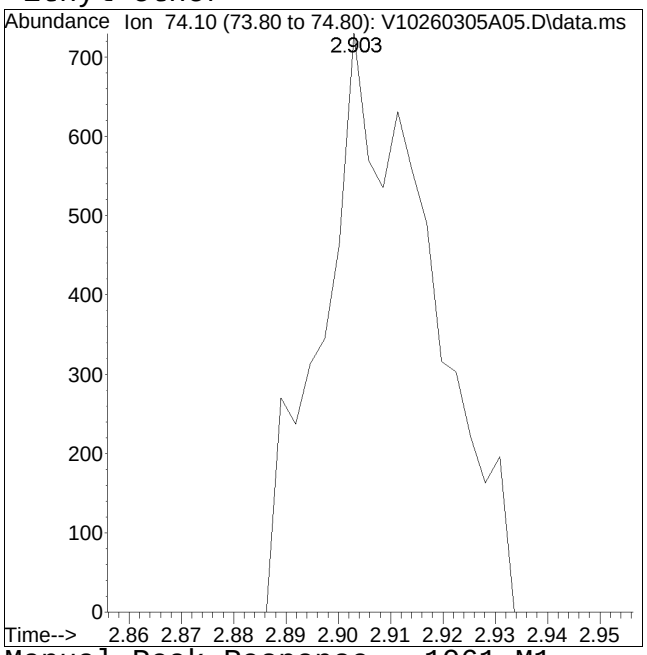
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #8: Ethyl ether



Original Peak Response = 579



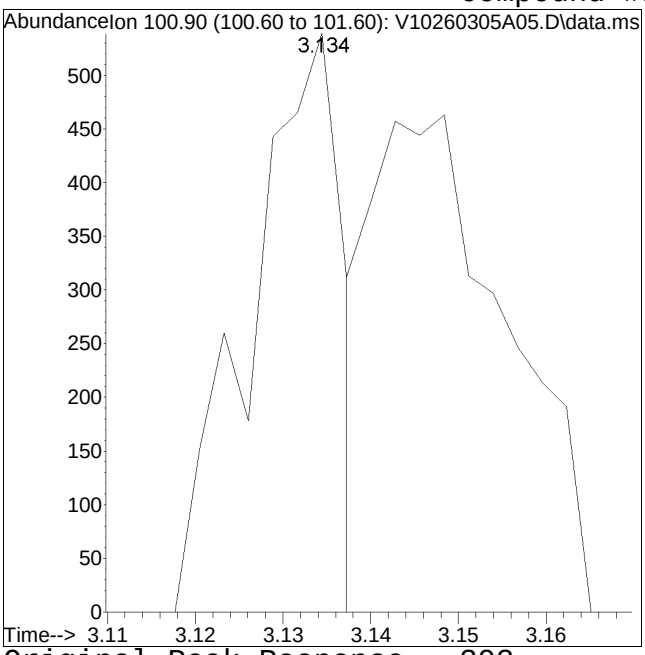
Manual Peak Response = 1061 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

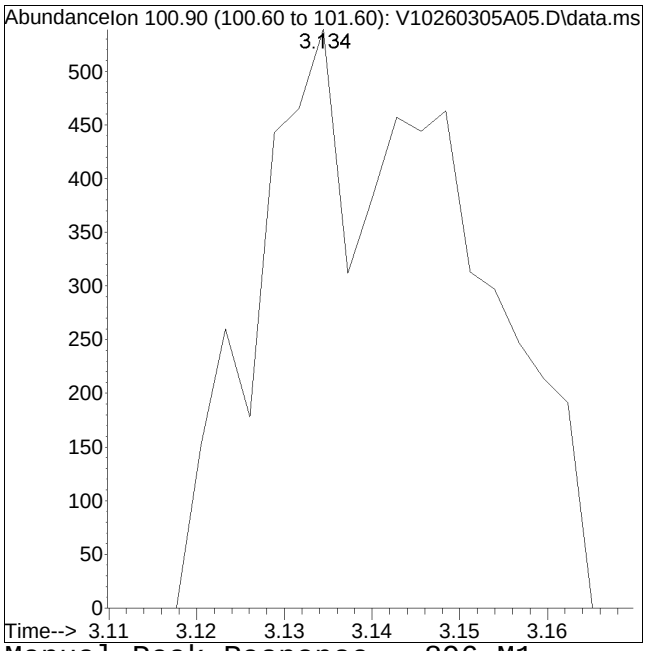
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #12: Freon-113



Original Peak Response = 393



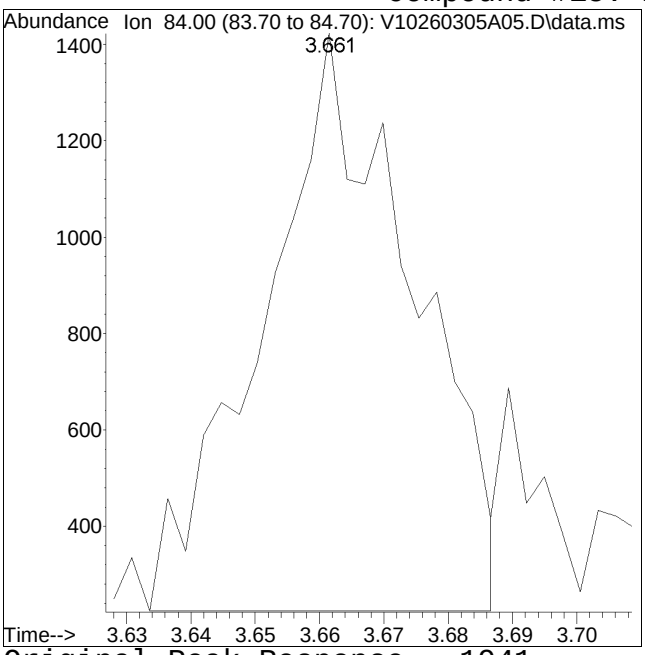
Manual Peak Response = 896 M1

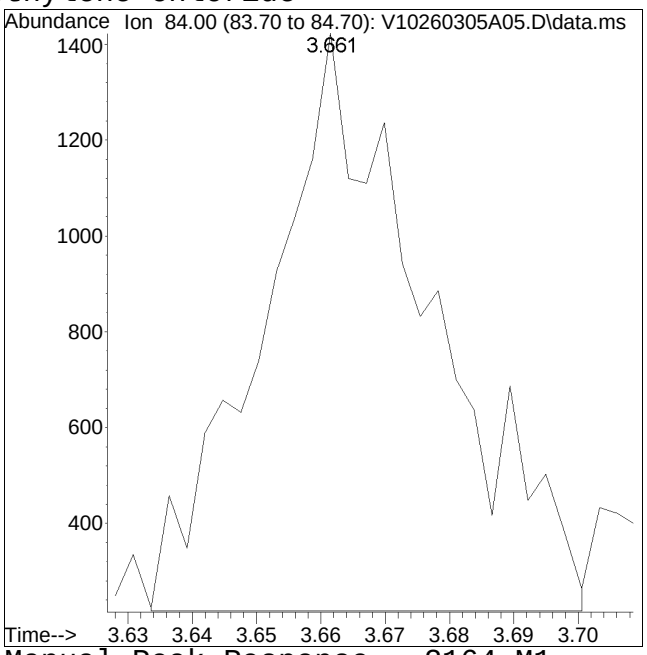
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #15: Methylene chloride



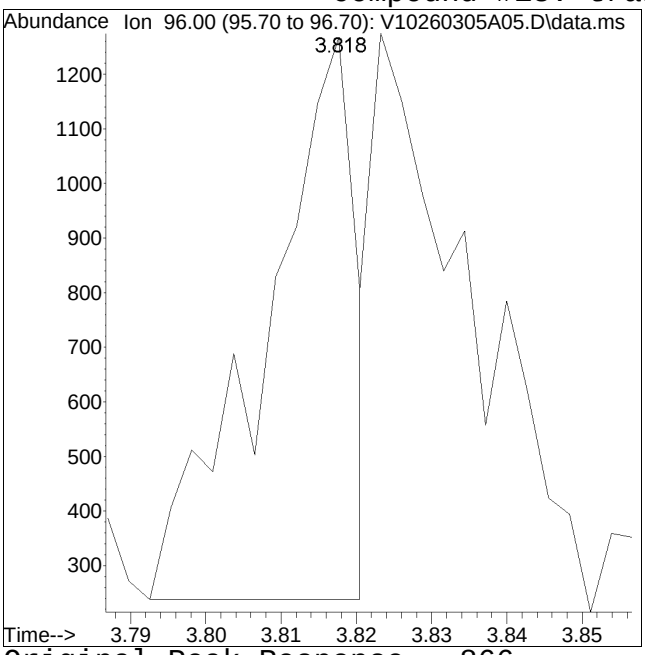


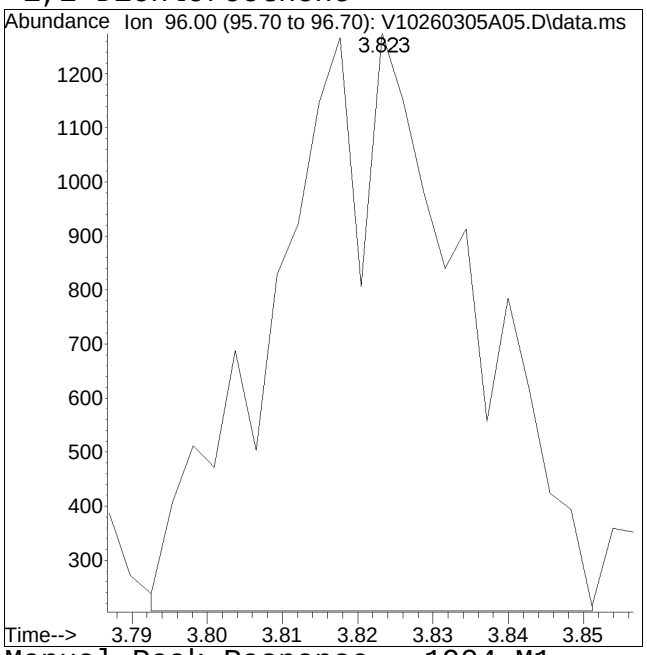
Original Peak Response = 1941 Manual Peak Response = 2164 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #18: trans-1,2-Dichloroethene





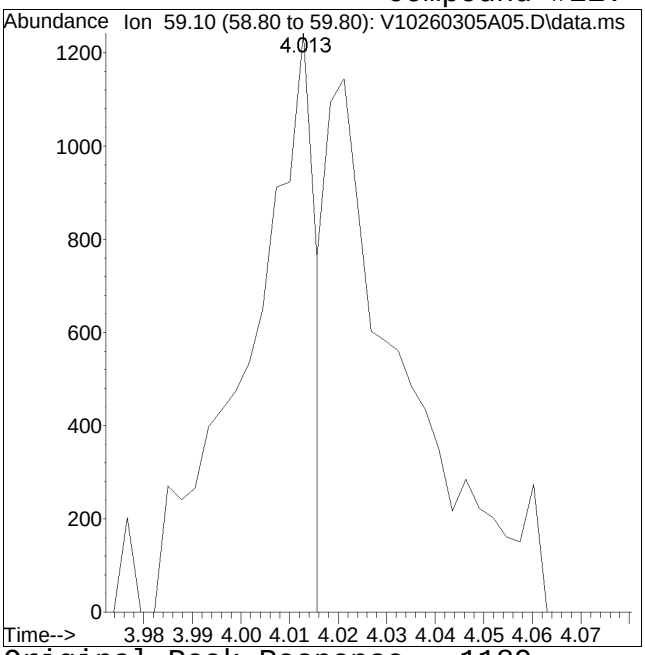
Original Peak Response = 866 Manual Peak Response = 1904 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

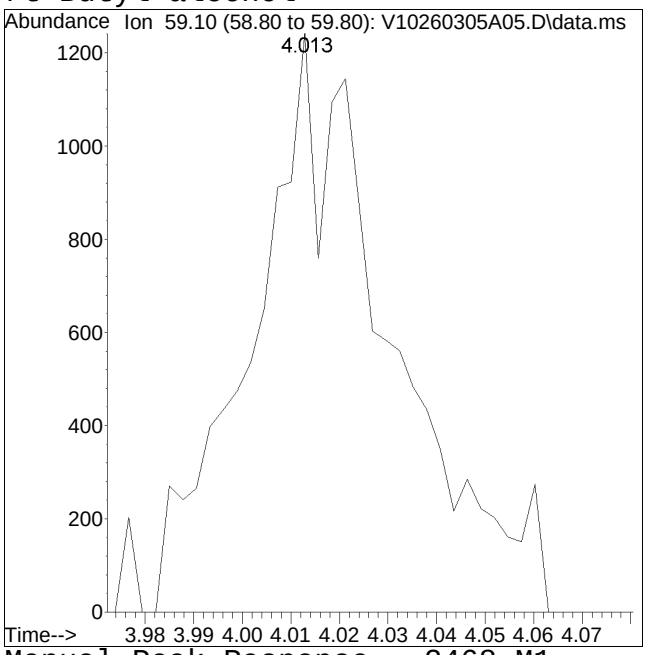
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #21: tert-Butyl alcohol



Original Peak Response = 1189



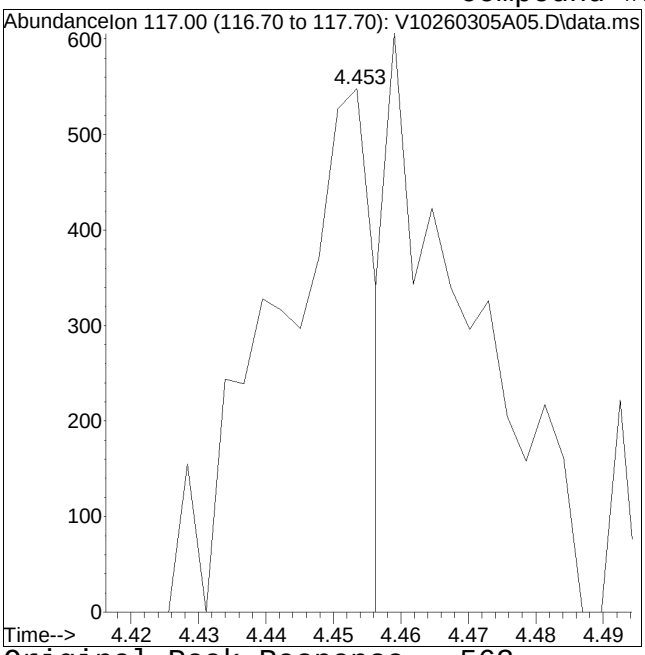
Manual Peak Response = 2468 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

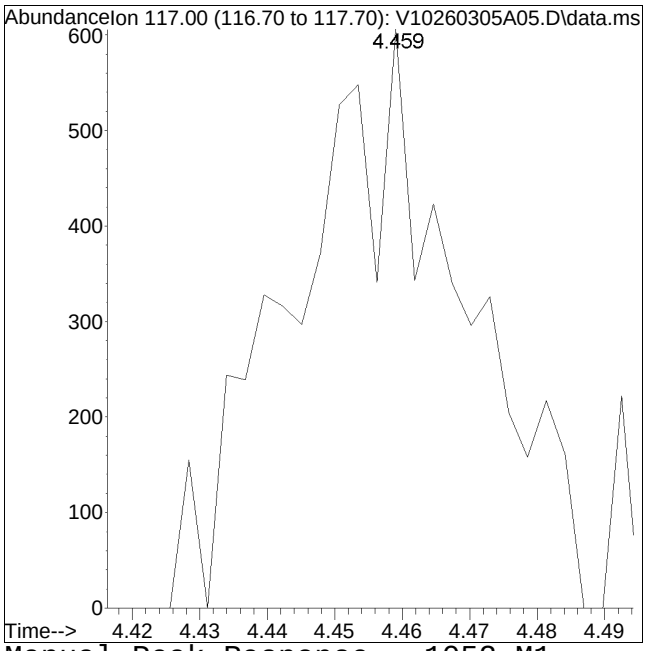
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #24: Halothane



Original Peak Response = 563



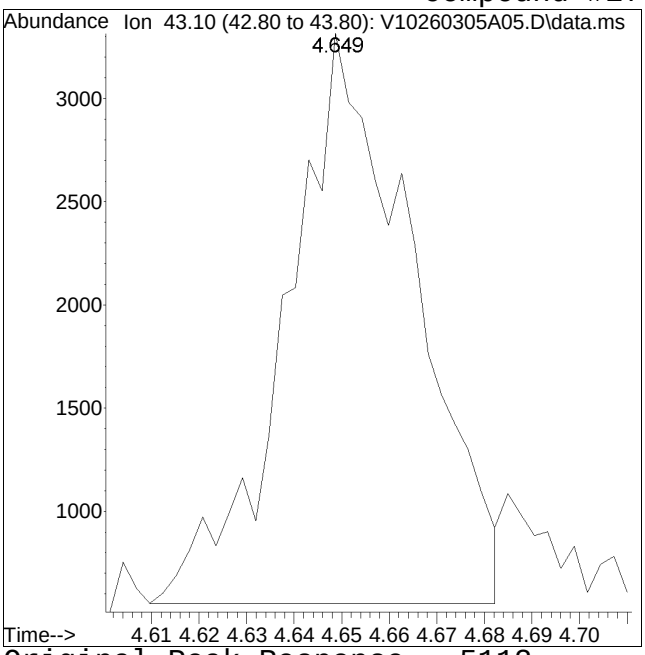
Manual Peak Response = 1052 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

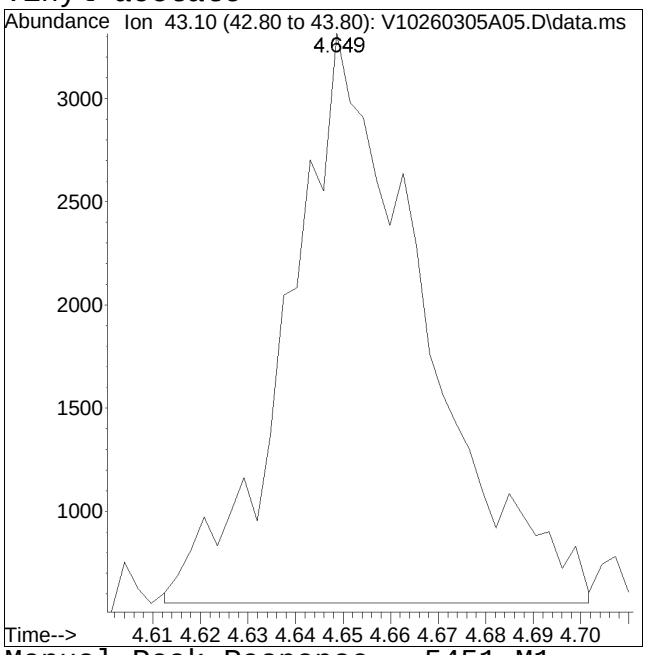
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #27: Vinyl acetate



Original Peak Response = 5112



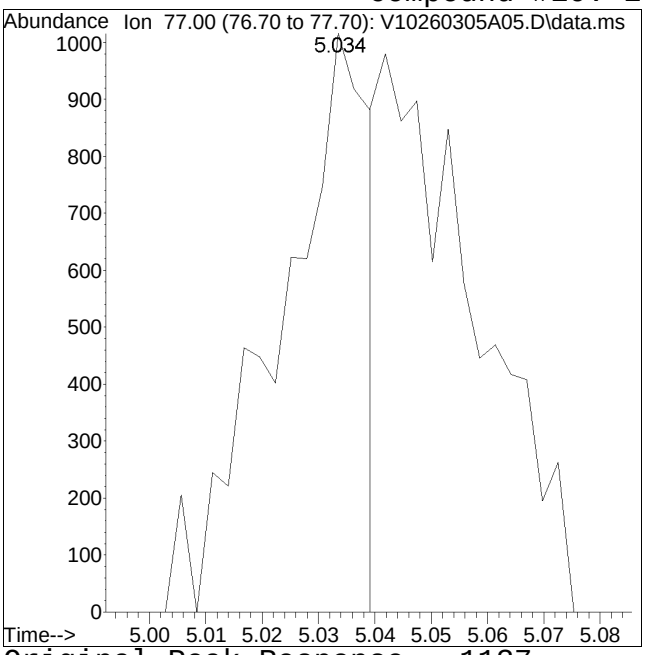
Manual Peak Response = 5451 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

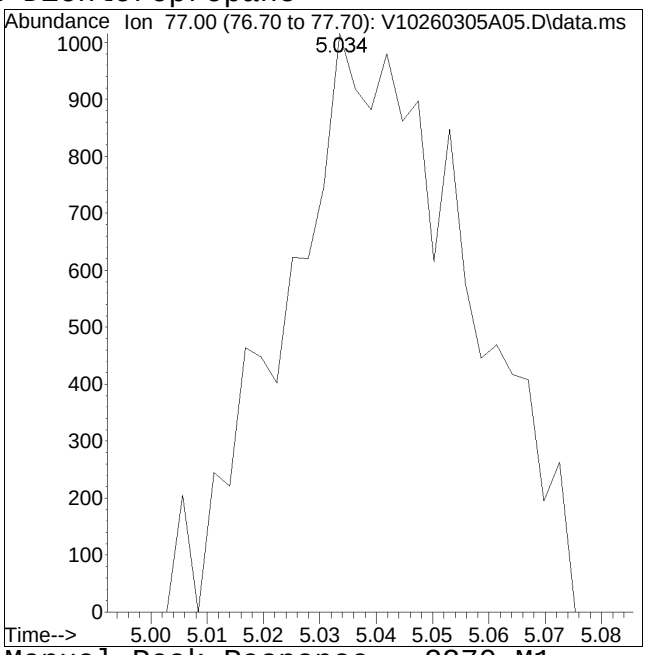
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #29: 2,2-Dichloropropane



Original Peak Response = 1137



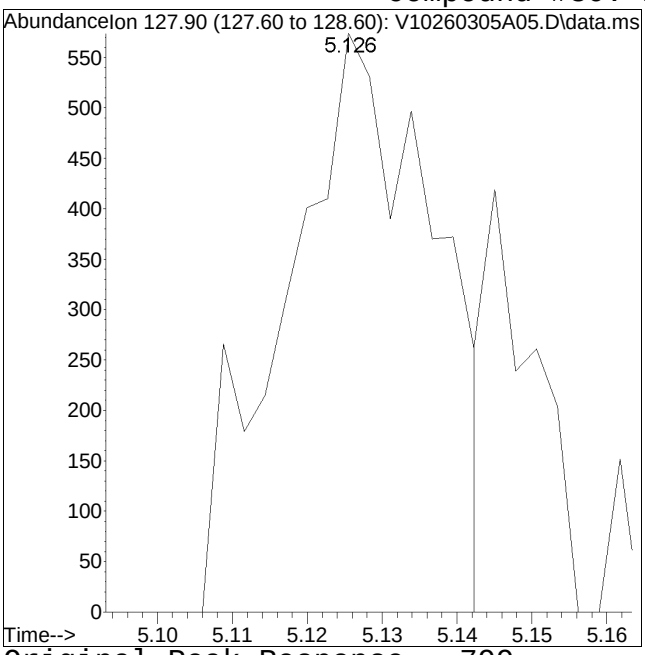
Manual Peak Response = 2270 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

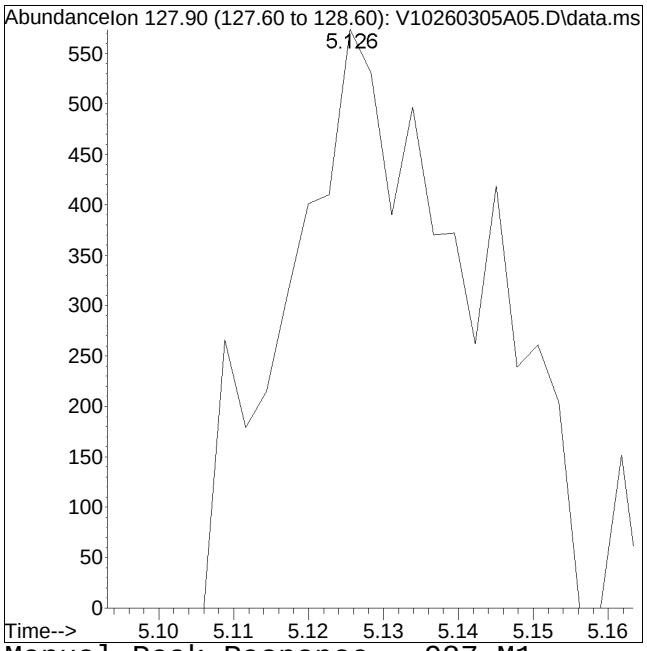
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #30: Bromochloromethane



Original Peak Response = 799



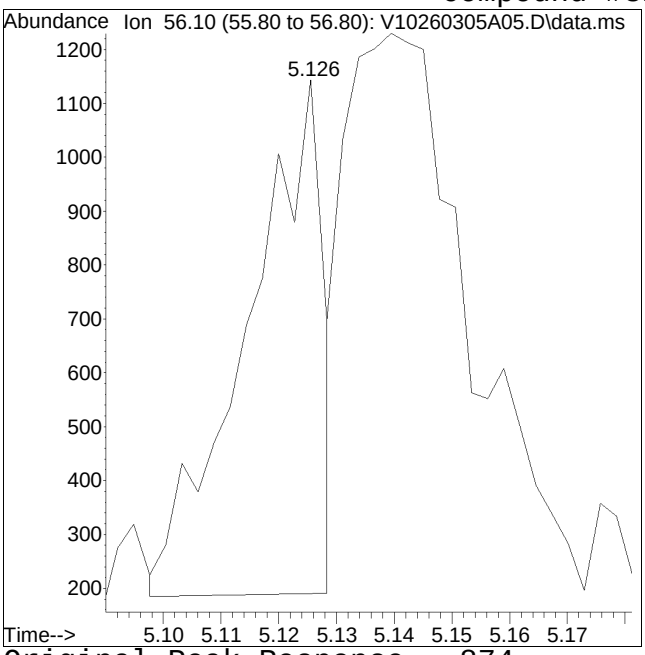
Manual Peak Response = 987 M1

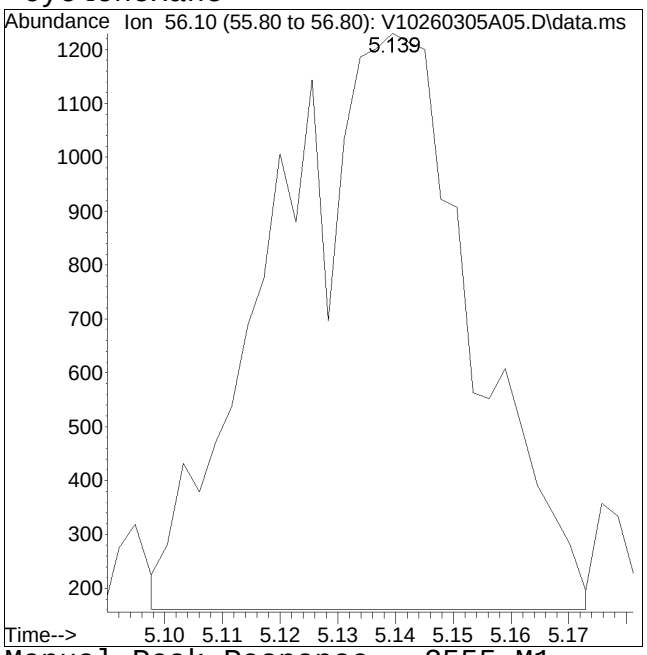
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #31: Cyclohexane



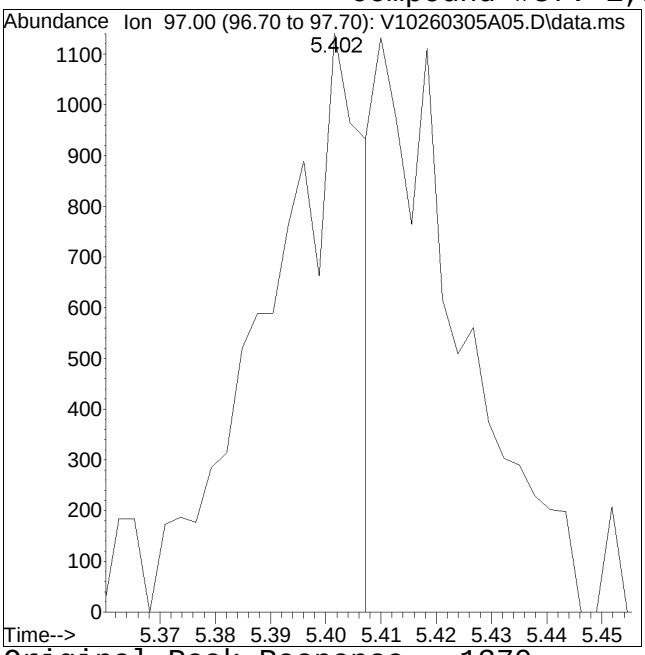


Original Peak Response = 874 Manual Peak Response = 2555 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

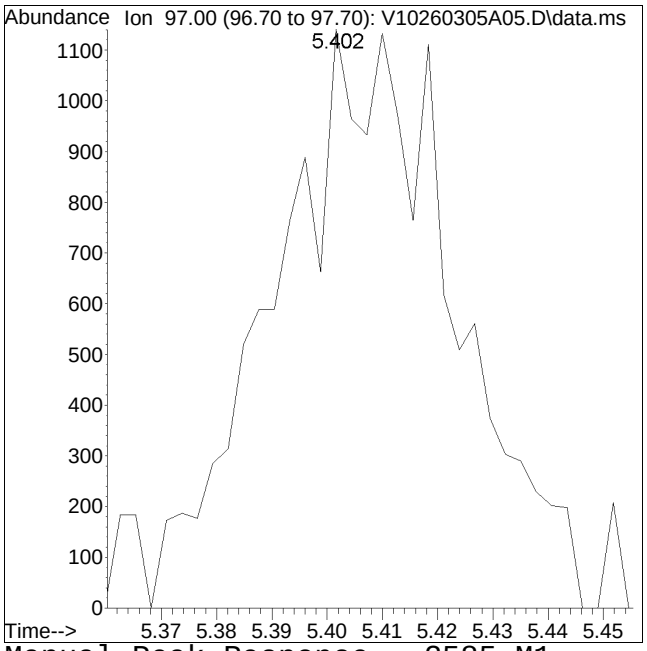
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #37: 1,1,1-Trichloroethane



Original Peak Response = 1370



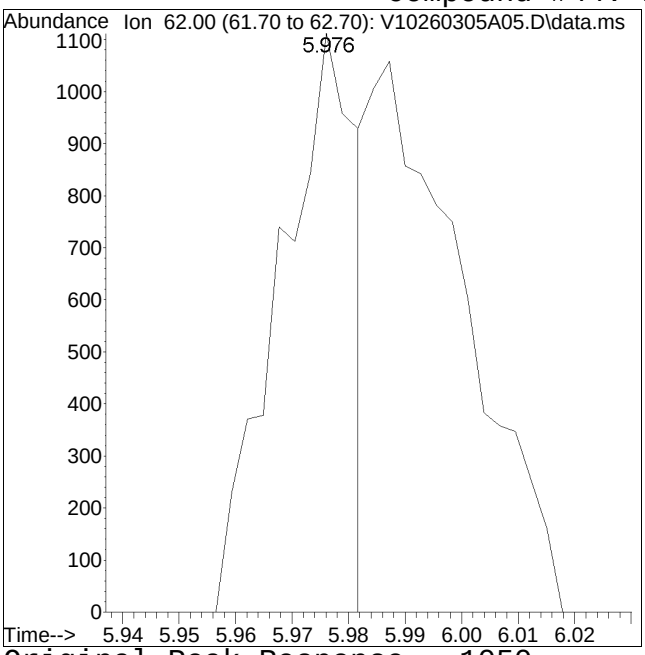
Manual Peak Response = 2585 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

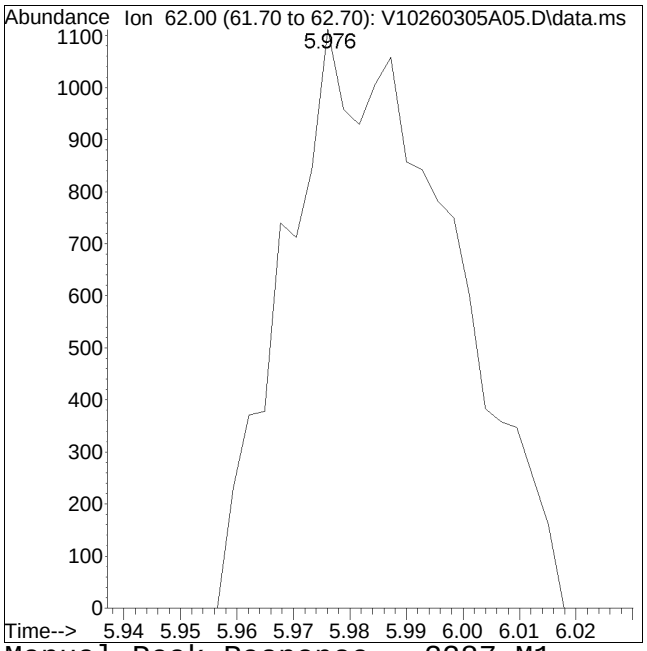
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #44: 1,2-Dichloroethane



Original Peak Response = 1050



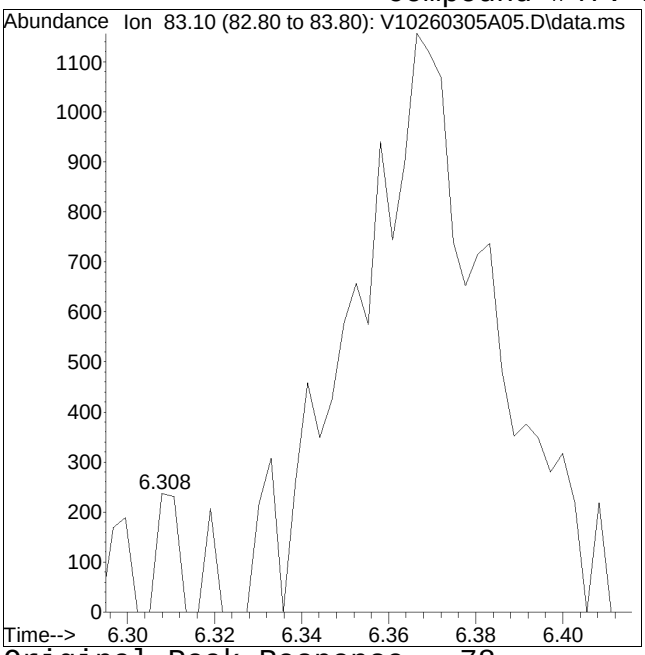
Manual Peak Response = 2287 M1

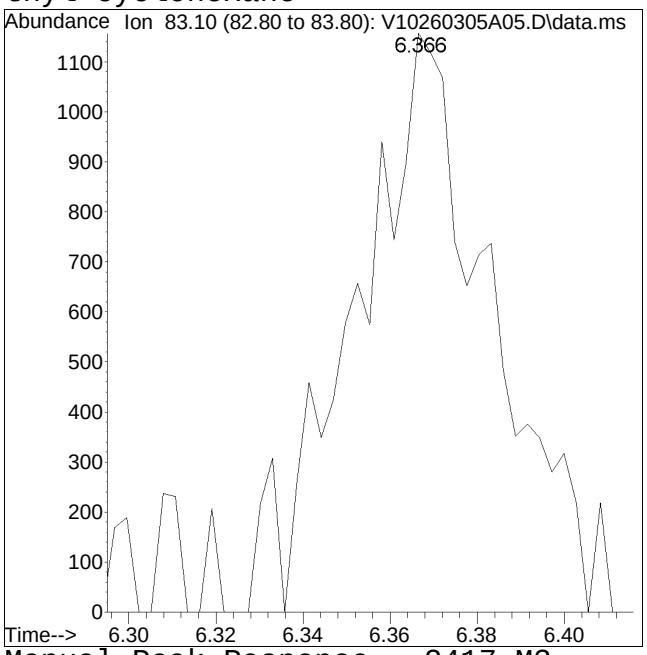
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #47: Methyl cyclohexane





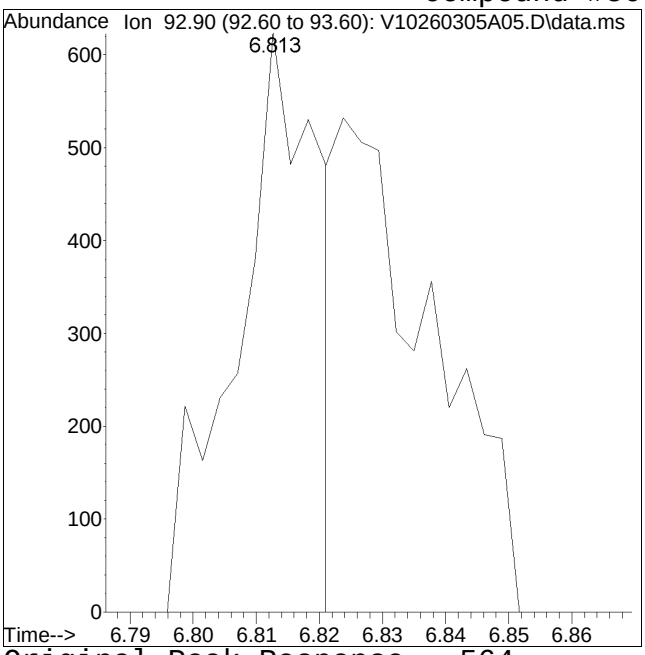
Original Peak Response = 78 Manual Peak Response = 2417 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

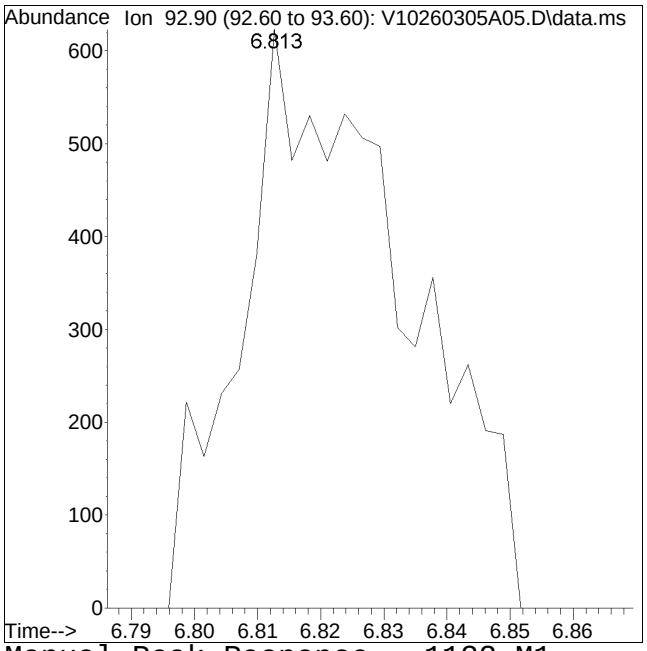
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #50: Dibromomethane



Original Peak Response = 564



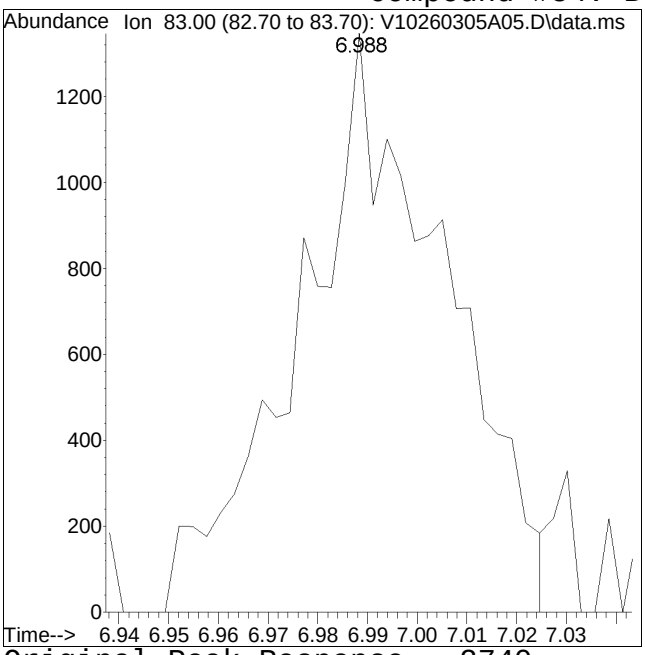
Manual Peak Response = 1122 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

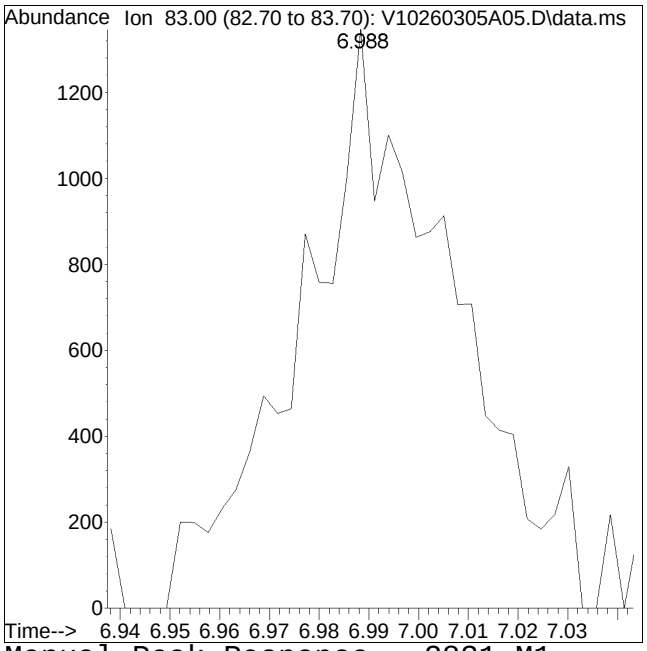
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #54: Bromodichloromethane



Original Peak Response = 2740



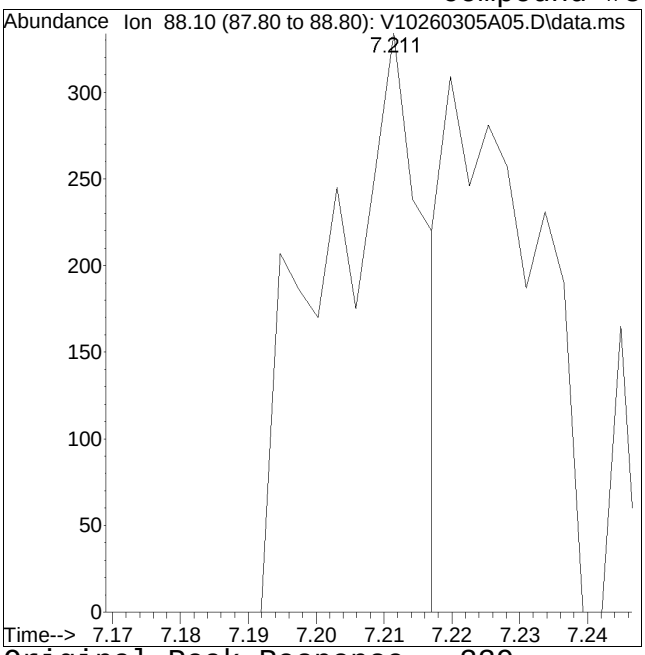
Manual Peak Response = 2831 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

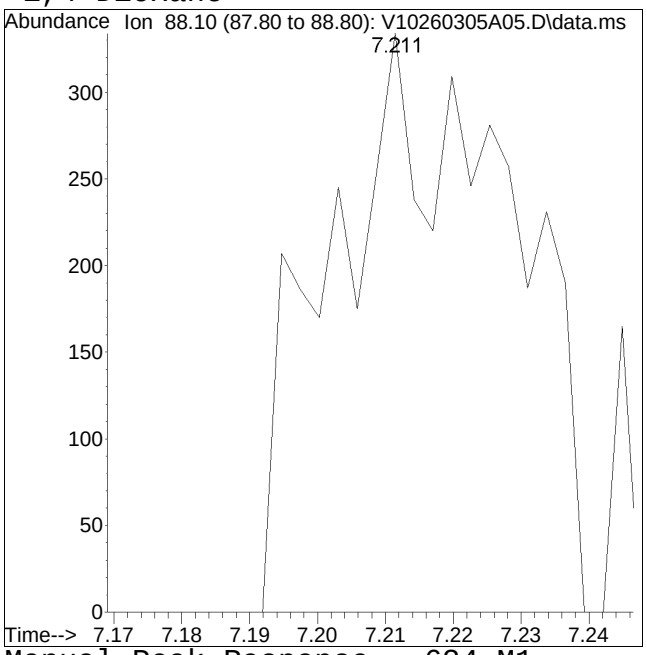
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #57: 1,4-Dioxane



Original Peak Response = 339



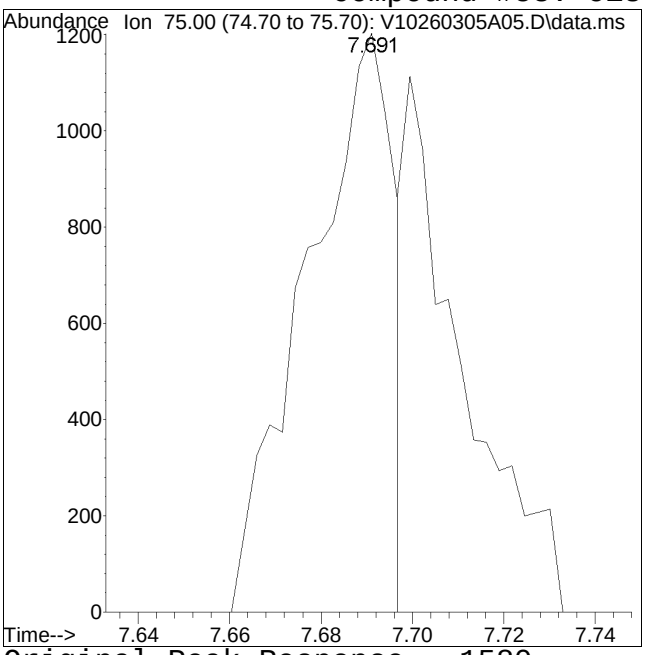
Manual Peak Response = 624 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

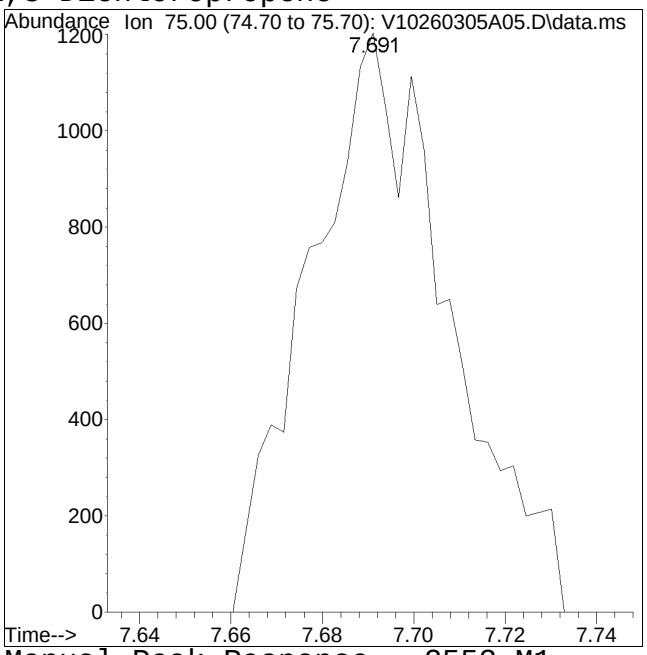
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #58: cis-1,3-Dichloropropene



Original Peak Response = 1580



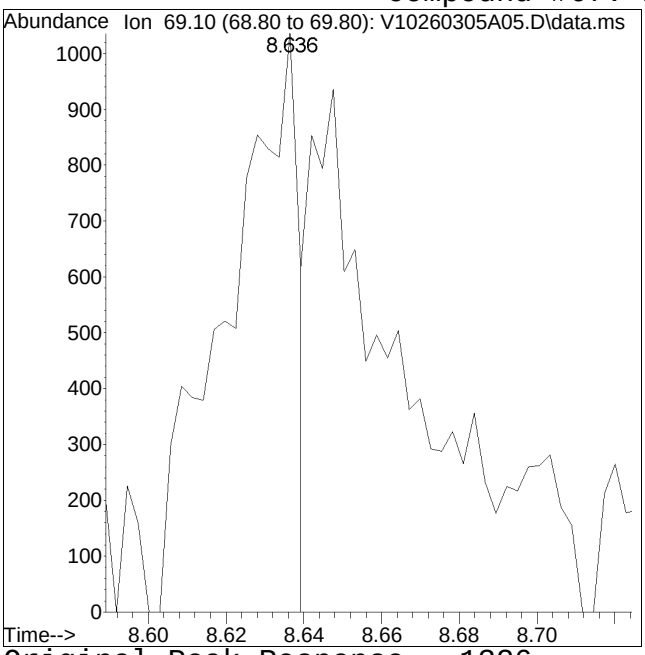
Manual Peak Response = 2552 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

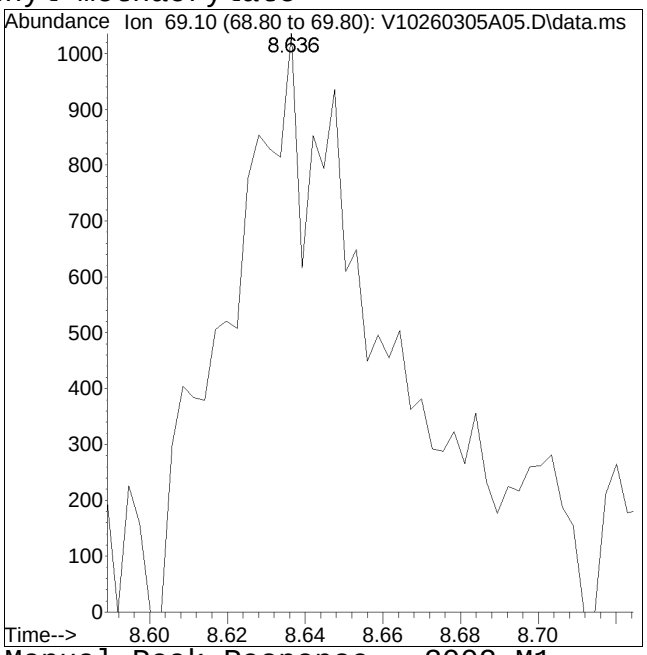
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #67: Ethyl methacrylate



Original Peak Response = 1326



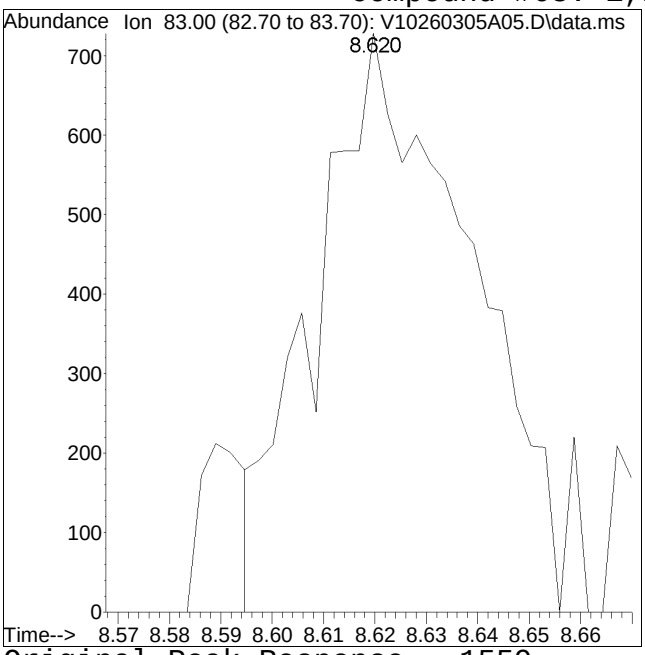
Manual Peak Response = 3002 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

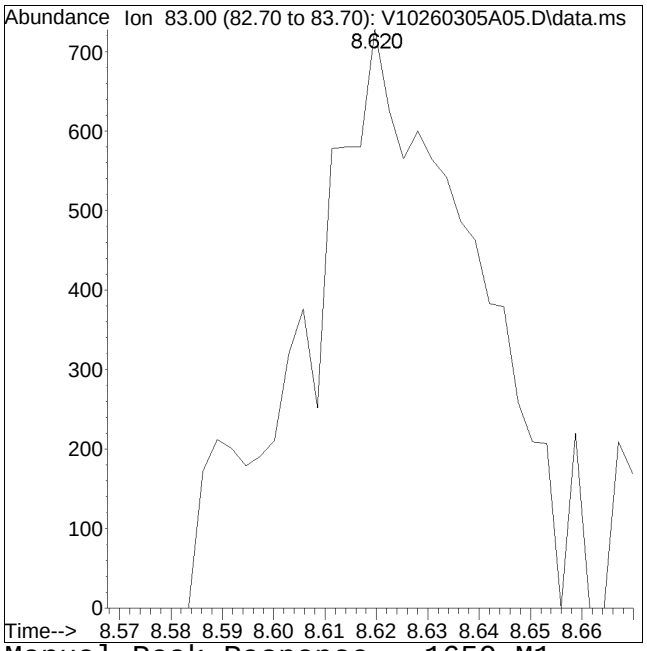
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #68: 1,1,2-Trichloroethane



Original Peak Response = 1559



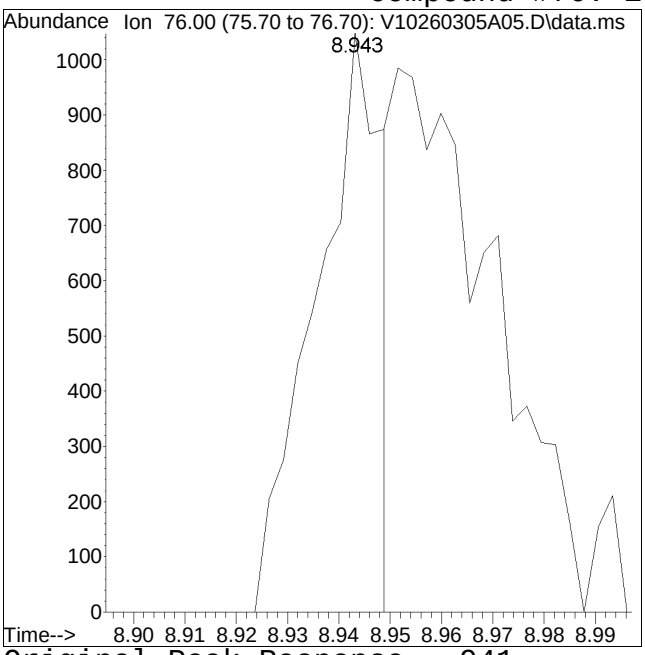
Manual Peak Response = 1650 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

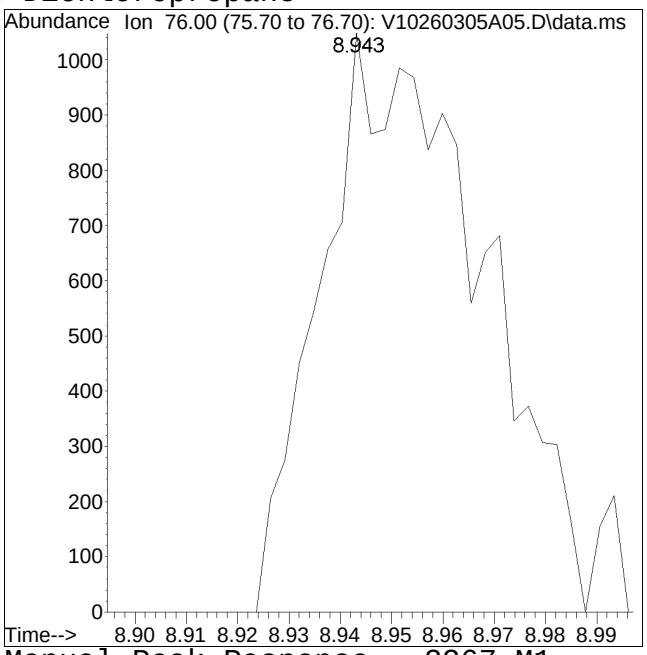
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #70: 1,3-Dichloropropane



Original Peak Response = 941



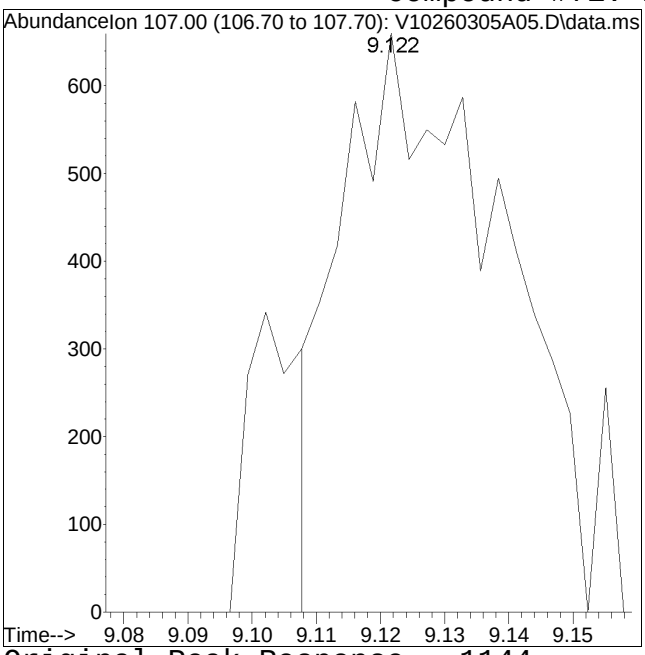
Manual Peak Response = 2267 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

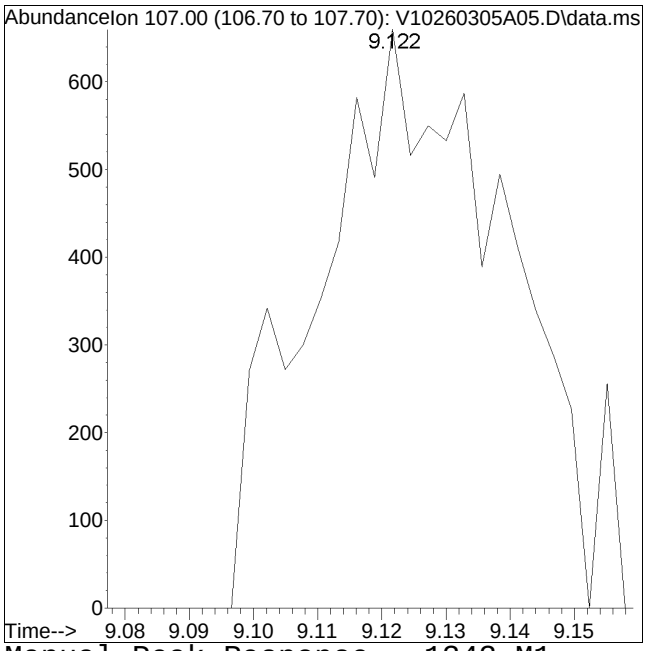
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #71: 1,2-Dibromoethane



Original Peak Response = 1144



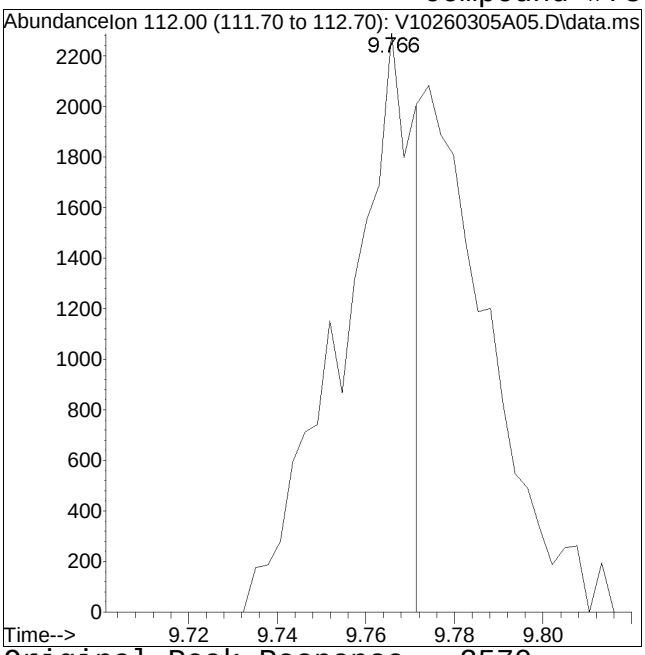
Manual Peak Response = 1343 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

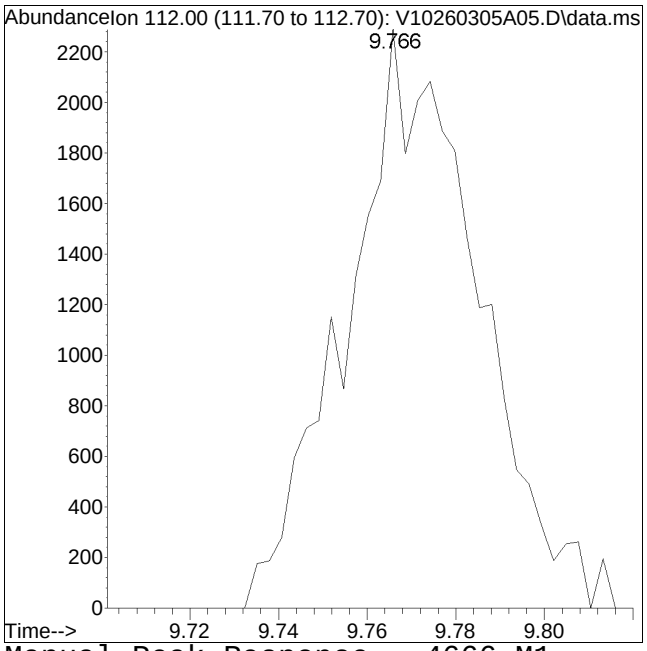
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #73: Chlorobenzene



Original Peak Response = 2570



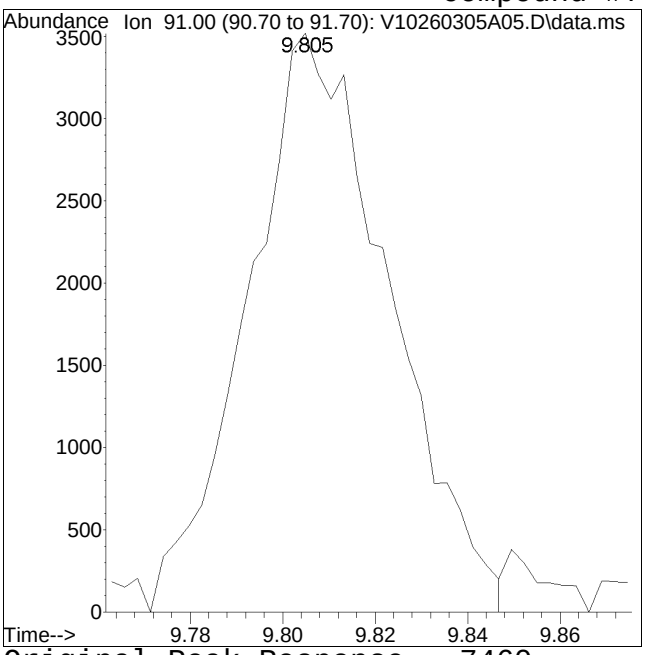
Manual Peak Response = 4666 M1

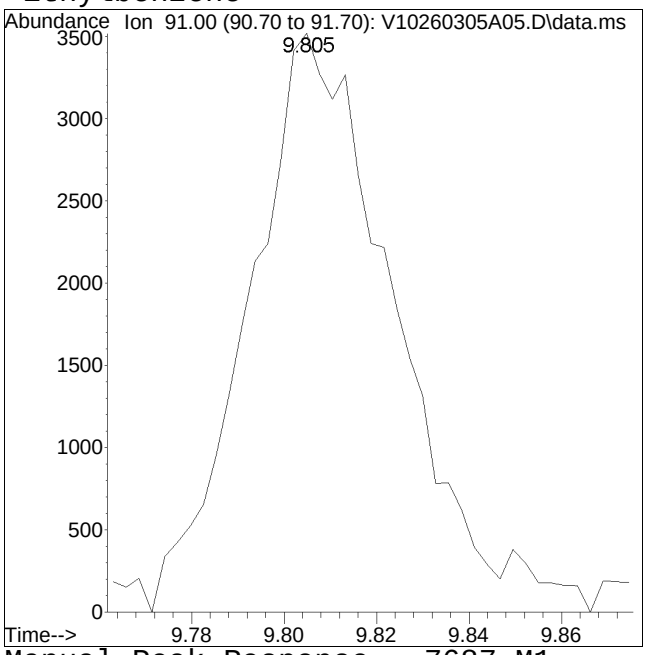
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #74: Ethylbenzene



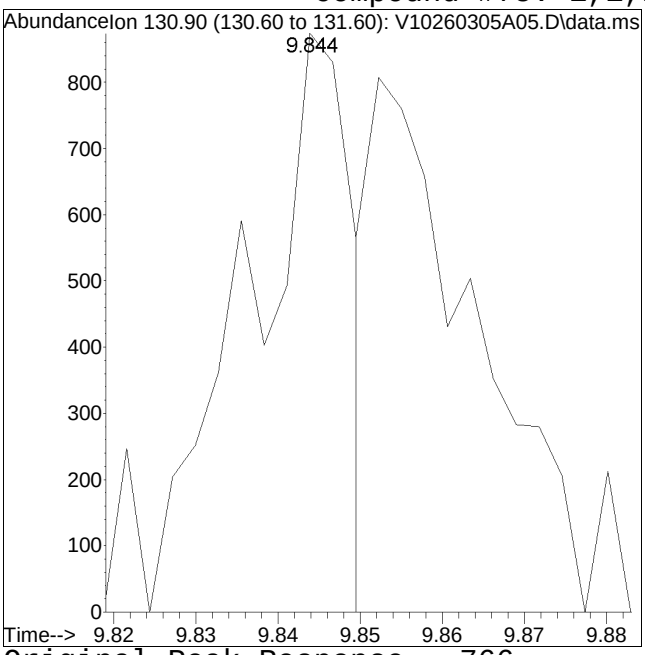


Original Peak Response = 7460 Manual Peak Response = 7687 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

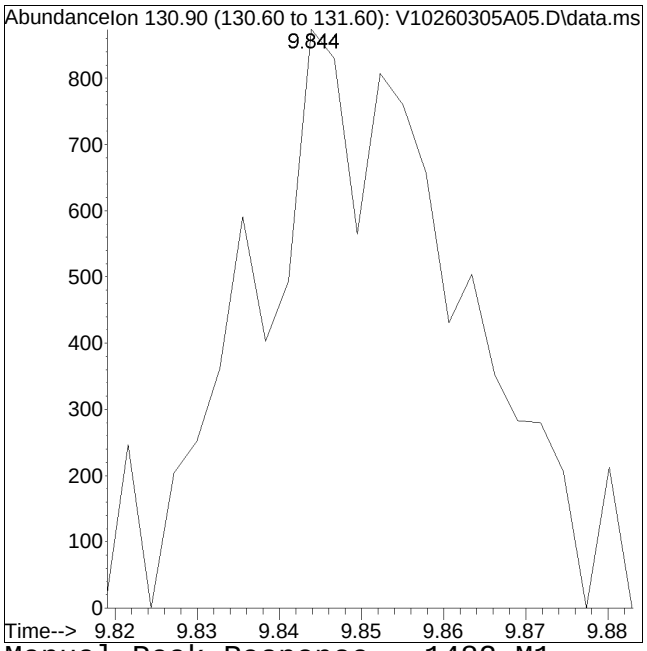
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #75: 1,1,1,2-Tetrachloroethane



Original Peak Response = 766



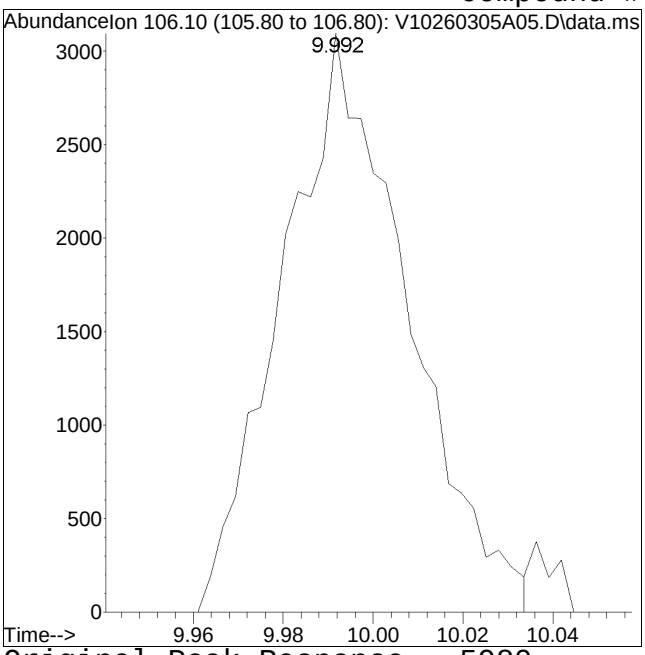
Manual Peak Response = 1482 M1

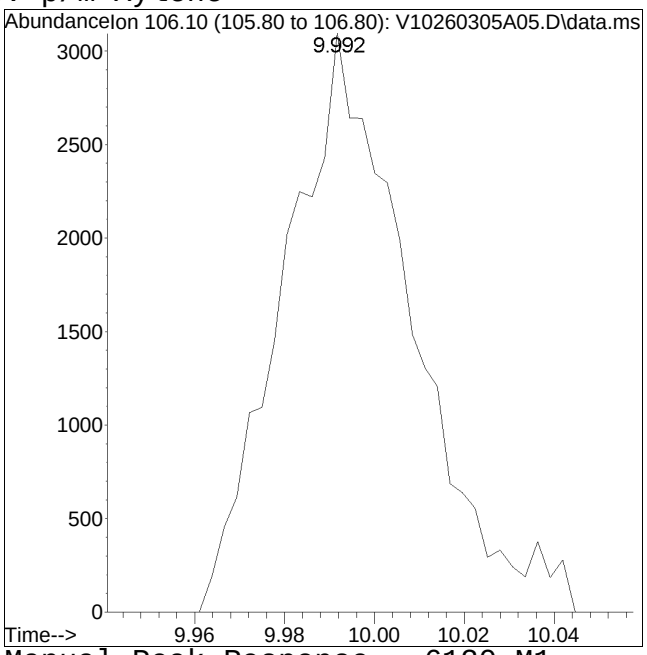
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #76: p/m Xylene



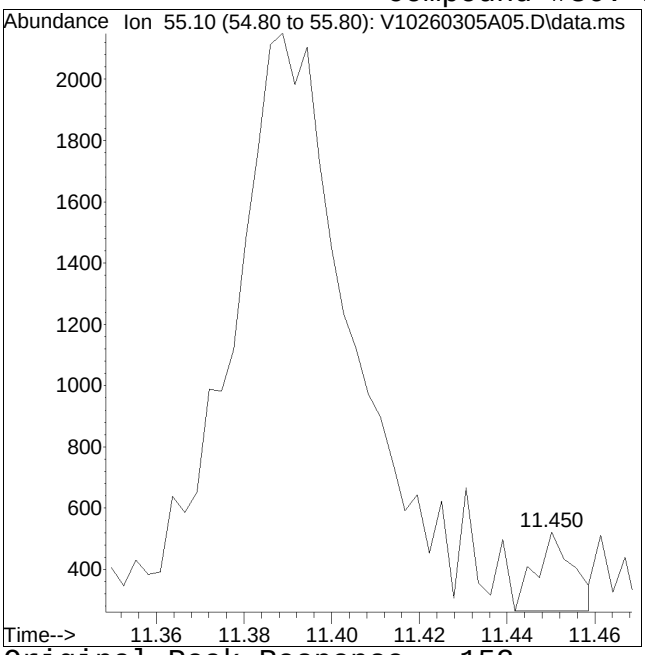


Original Peak Response = 5980 Manual Peak Response = 6120 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

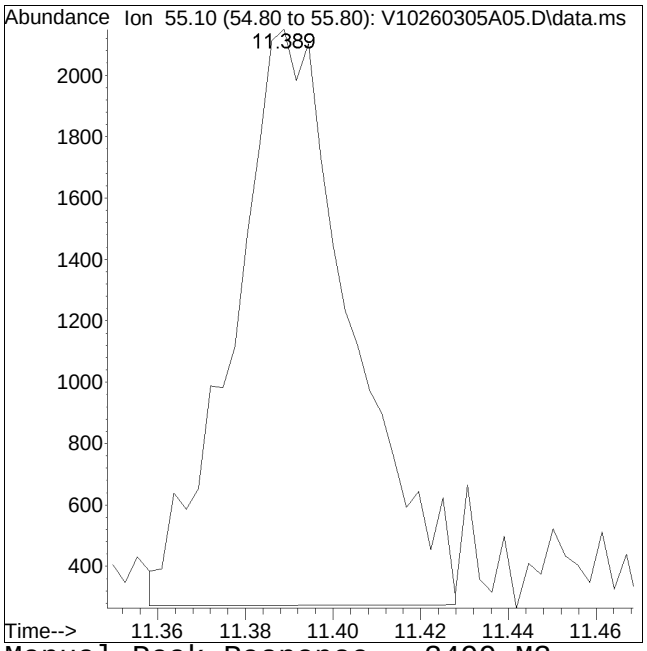
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #86: 1,4-Dichlorobutane



Original Peak Response = 152



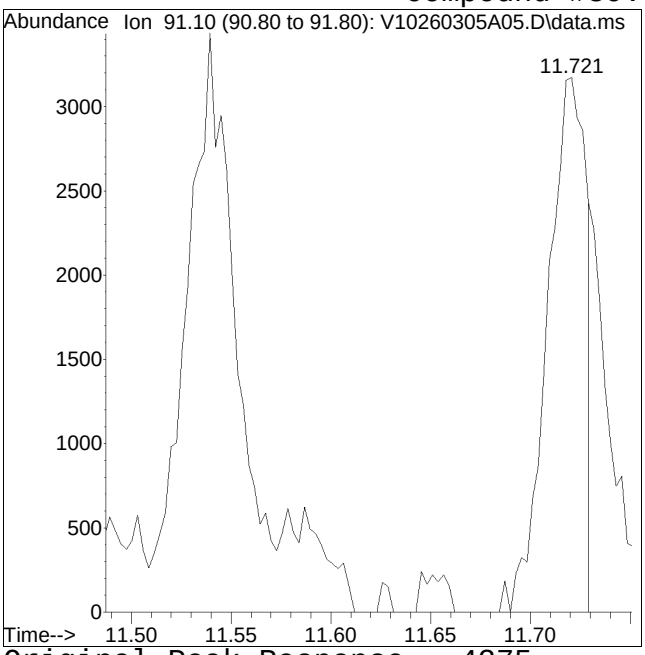
Manual Peak Response = 3499 M3

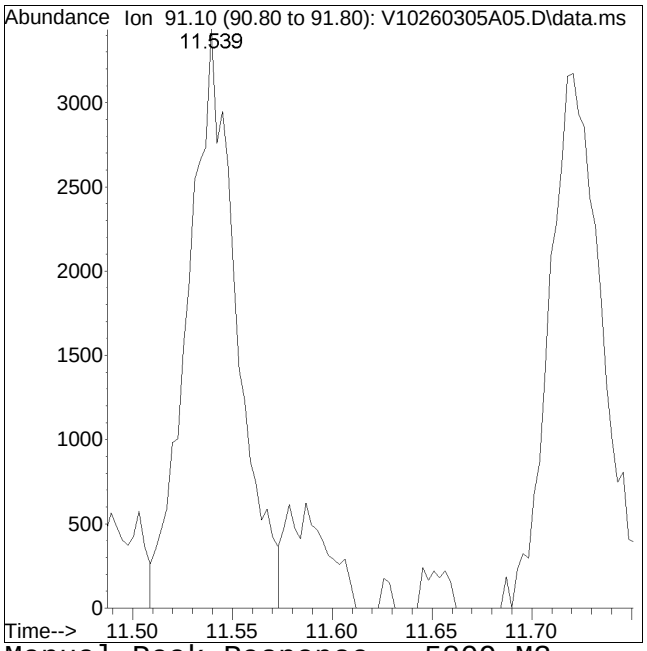
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #89: 2-Chlorotoluene





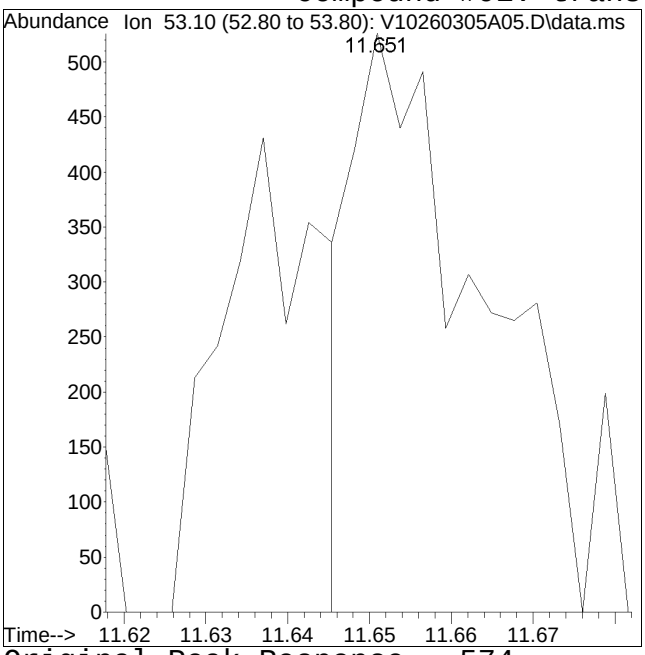
Original Peak Response = 4275 Manual Peak Response = 5809 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

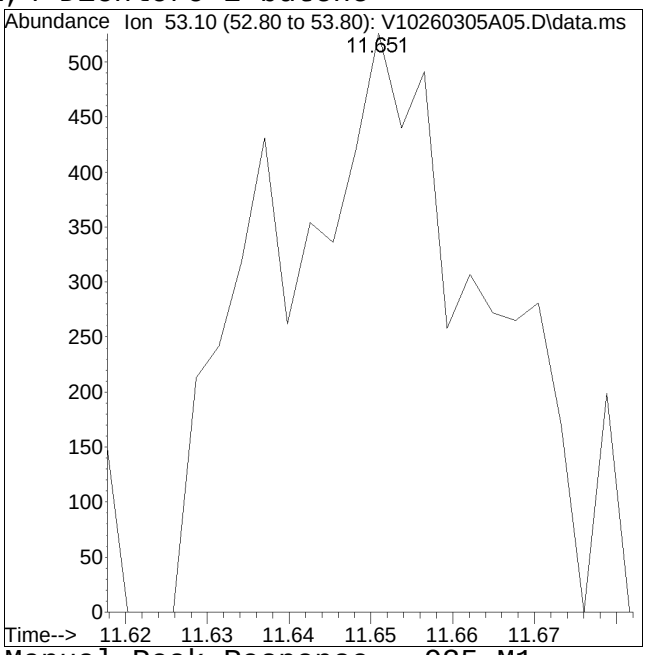
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 574



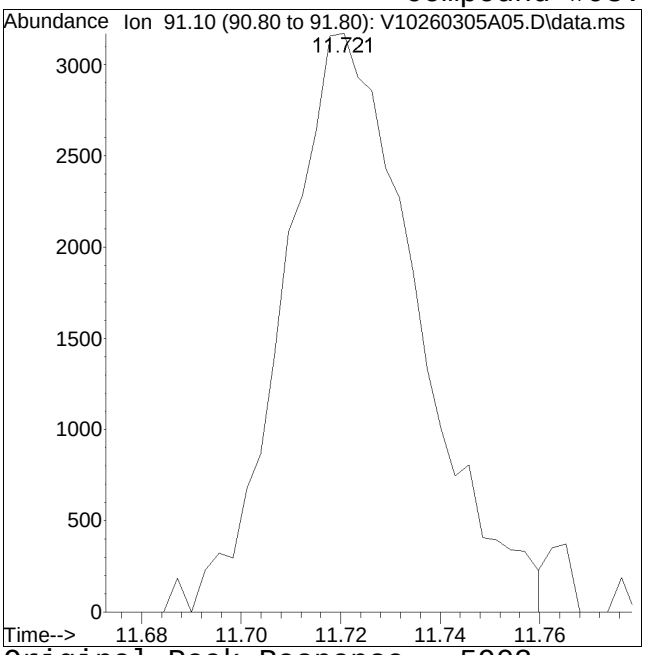
Manual Peak Response = 935 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

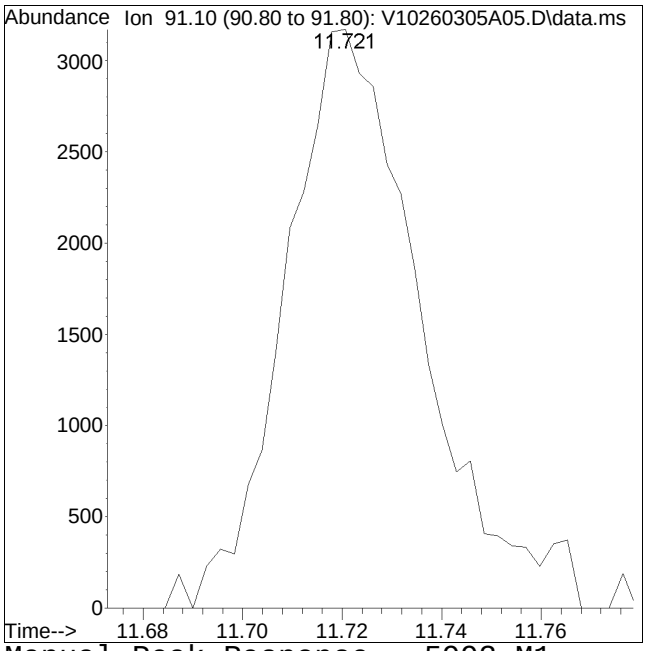
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A05.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 5:50 pm Instrument : VOA110
Sample : I8260STD1.0PPB Quant Date : 3/6/2026 11:24 am

Compound #93: 4-Chlorotoluene



Original Peak Response = 5903



Manual Peak Response = 5993 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A07.D
Acq On : 5 Mar 2026 6:44 pm
Operator : VOA110:JIC
Sample : I8260STD2.0PPB
Misc : WG2182226,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 06 13:04:31 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.196	96	143448	20.000 ug/L	0.00
Standard Area 1 = 163785			Recovery = 87.58%		
59) Chlorobenzene-d5	9.749	117	126500	20.000 ug/L	0.00
Standard Area 1 = 132630			Recovery = 95.38%		
79) 1,4-Dichlorobenzene-d4	12.409	152	72971	20.000 ug/L	0.00
Standard Area 1 = 74236			Recovery = 98.30%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.382	113	39478	22.071 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 110.36%		
43) 1,2-Dichloroethane-d4	5.915	65	41415	21.810 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 109.05%		
60) Toluene-d8	7.895	98	147301	19.230 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.15%		
83) 4-Bromofluorobenzene	11.216	95	64574	20.295 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.48%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.732	85	2704	2.636 ug/L	96
3) Chloromethane	1.933	50	6089	2.984 ug/L	91
4) Vinyl chloride	2.011	62	4423	2.533 ug/L	99
5) Bromomethane	2.337	94	3584M1	3.680 ug/L	
6) Chloroethane	2.465	64	3251	2.636 ug/L	84
7) Trichlorofluoromethane	2.602	101	4752	2.628 ug/L	97
8) Ethyl ether	2.911	74	2489	2.387 ug/L	82
10) 1,1-Dichloroethene	3.112	96	4072M1	3.070 ug/L	
11) Carbon disulfide	3.134	76	12719	2.798 ug/L	93
12) Freon-113	3.146	101	3021M3	2.538 ug/L	
14) Acrolein	0.000		0	N.D. d	
15) Methylene chloride	3.662	84	5599M1	3.413 ug/L	
17) Acetone	3.714	43	3492M6	4.082 ug/L	
18) trans-1,2-Dichloroethene	3.818	96	5062M6	3.222 ug/L	
19) Methyl acetate	3.829	43	4882M4	2.616 ug/L	
20) Methyl tert-butyl ether	3.924	73	12405	2.331 ug/L #	83
21) tert-Butyl alcohol	4.018	59	4821	13.440 ug/L #	47
22) Diisopropyl ether	4.286	45	16448	2.235 ug/L	93
23) 1,1-Dichloroethane	4.414	63	8238	2.539 ug/L	98
24) Halothane	4.448	117	3224M1	2.628 ug/L	
25) Acrylonitrile	4.467	53	2372	2.769 ug/L #	60

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A07.D
Acq On : 5 Mar 2026 6:44 pm
Operator : VOA110:JIC
Sample : I8260STD2.0PPB
Misc : WG2182226,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 06 13:04:31 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.635	59	13481	2.170	ug/L	#	83
27) Vinyl acetate	4.654	43	12644	2.087	ug/L	#	90
28) cis-1,2-Dichloroethene	4.936	96	4969	2.669	ug/L		96
29) 2,2-Dichloropropane	5.042	77	6502	2.753	ug/L	#	90
30) Bromochloromethane	5.128	128	2178	2.404	ug/L	#	82
31) Cyclohexane	5.134	56	8405M1	2.957	ug/L		
32) Chloroform	5.195	83	8080M1	2.862	ug/L		
33) Ethyl acetate	5.315	43	7033M1	2.600	ug/L		
34) Carbon tetrachloride	5.343	117	4781	2.435	ug/L	#	88
35) Tetrahydrofuran	5.368	42	3062M3	3.302	ug/L		
37) 1,1,1-Trichloroethane	5.402	97	6381	2.845	ug/L	#	93
39) 2-Butanone	5.513	43	2776M1	2.310	ug/L		
40) 1,1-Dichloropropene	5.527	75	4878	2.368	ug/L		93
41) Benzene	5.781	78	15637	2.352	ug/L		94
42) tert-Amyl methyl ether	5.890	73	10956	2.144	ug/L	#	89
44) 1,2-Dichloroethane	5.987	62	5419M1	2.370	ug/L		
47) Methyl cyclohexane	6.369	83	6171	2.484	ug/L		99
48) Trichloroethene	6.375	95	4242	2.548	ug/L		97
50) Dibromomethane	6.815	93	2496	2.456	ug/L		90
51) 1,2-Dichloropropane	6.916	63	4620M1	2.374	ug/L		
53) 2-Chloroethyl vinyl ether	7.624	63	2482	1.875	ug/L	#	94
54) Bromodichloromethane	6.988	83	5803	2.542	ug/L	#	97
57) 1,4-Dioxane	7.206	88	1841M1	75.990	ug/L		
58) cis-1,3-Dichloropropene	7.688	75	6421	2.171	ug/L	#	84
61) Toluene	7.959	92	10374	2.299	ug/L		99
62) 4-Methyl-2-pentanone	8.397	58	1714M1	1.775	ug/L		
63) Tetrachloroethene	8.408	166	3829	2.162	ug/L	#	53
65) trans-1,3-Dichloropropene	8.438	75	5591	1.934	ug/L		92
67) Ethyl methacrylate	8.628	69	5896M1	2.202	ug/L		
68) 1,1,2-Trichloroethane	8.628	83	3319M1	2.328	ug/L		
69) Chlorodibromomethane	8.832	129	4199	2.057	ug/L	#	58
70) 1,3-Dichloropropane	8.946	76	5916	1.956	ug/L		95
71) 1,2-Dibromoethane	9.124	107	3377	1.917	ug/L		98
72) 2-Hexanone	9.412	43	3484M1	1.786	ug/L		
73) Chlorobenzene	9.769	112	11444	2.185	ug/L	#	89
74) Ethylbenzene	9.802	91	19695M1	2.351	ug/L		
75) 1,1,1,2-Tetrachloroethane	9.852	131	4173M1	2.113	ug/L		
76) p/m Xylene	9.989	106	15407	4.562	ug/L		96
77) o Xylene	10.527	106	15175	4.495	ug/L		99
78) Styrene	10.588	104	25733	4.386	ug/L		94

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A07.D
Acq On : 5 Mar 2026 6:44 pm
Operator : VOA110:JIC
Sample : I8260STD2.0PPB
Misc : WG2182226,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 06 13:04:31 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	10.608	173	2813	1.954	ug/L	#	69
82) Isopropylbenzene	10.892	105	19344	2.244	ug/L		100
84) Bromobenzene	11.330	156	5106	2.156	ug/L		96
85) n-Propylbenzene	11.367	91	22216	2.180	ug/L		98
86) 1,4-Dichlorobutane	11.389	55	8036	2.093	ug/L		100
87) 1,1,2,2-Tetrachloroethane	11.447	83	5399	2.095	ug/L		94
88) 4-Ethyltoluene	11.486	105	19341	2.203	ug/L		100
89) 2-Chlorotoluene	11.537	91	14059	2.298	ug/L		98
90) 1,3,5-Trimethylbenzene	11.584	105	16319	2.199	ug/L		99
91) 1,2,3-Trichloropropane	11.592	75	4084	2.068	ug/L		97
92) trans-1,4-Dichloro-2-b...	11.645	53	1921	2.141	ug/L	#	83
93) 4-Chlorotoluene	11.723	91	14539	2.250	ug/L		99
94) tert-Butylbenzene	11.924	119	14710	2.215	ug/L		99
97) 1,2,4-Trimethylbenzene	12.002	105	16301	2.176	ug/L		97
98) sec-Butylbenzene	12.111	105	20863	2.214	ug/L		98
99) p-Isopropyltoluene	12.259	119	19399	2.218	ug/L		97
100) 1,3-Dichlorobenzene	12.340	146	9798	2.126	ug/L		99
101) 1,4-Dichlorobenzene	12.423	146	10198	2.195	ug/L		94
102) p-Diethylbenzene	12.635	119	11437	2.118	ug/L		93
103) n-Butylbenzene	12.691	91	16699	2.213	ug/L		97
104) 1,2-Dichlorobenzene	12.850	146	9266	2.082	ug/L		98
105) 1,2,4,5-Tetramethylben...	13.422	119	18516	2.132	ug/L		96
106) 1,2-Dibromo-3-chloropr...	13.623	155	990	1.884	ug/L		92
107) 1,3,5-Trichlorobenzene	13.659	180	7141	2.168	ug/L		93
108) Hexachlorobutadiene	14.222	225	2987	2.106	ug/L		97
109) 1,2,4-Trichlorobenzene	14.253	180	6588	2.113	ug/L		97
110) Naphthalene	14.548	128	19034	2.123	ug/L		100
111) 1,2,3-Trichlorobenzene	14.713	180	6165	2.099	ug/L		98

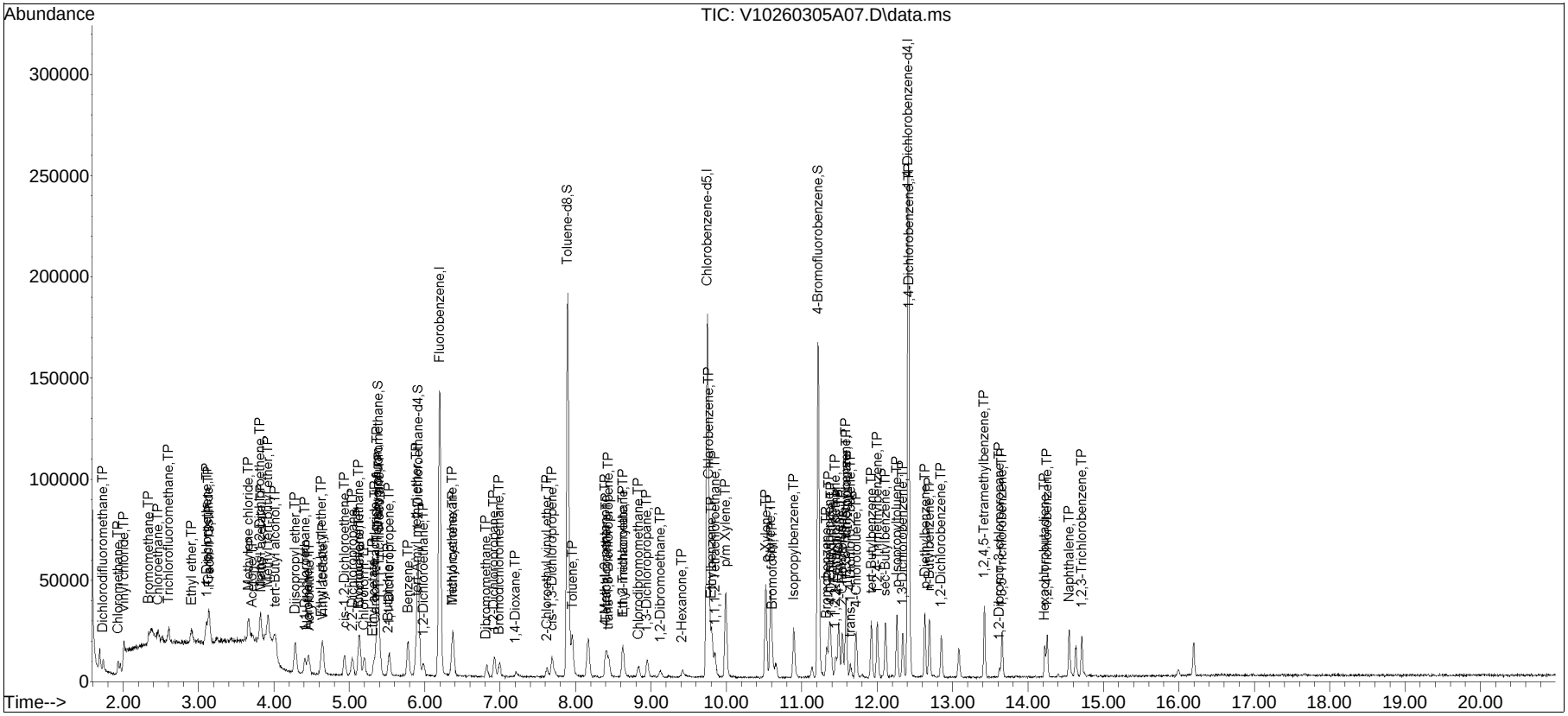
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A07.D
Acq On : 5 Mar 2026 6:44 pm
Operator : VOA110:JIC
Sample : I8260STD2.0PPB
Misc : WG2182226,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 06 13:04:31 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

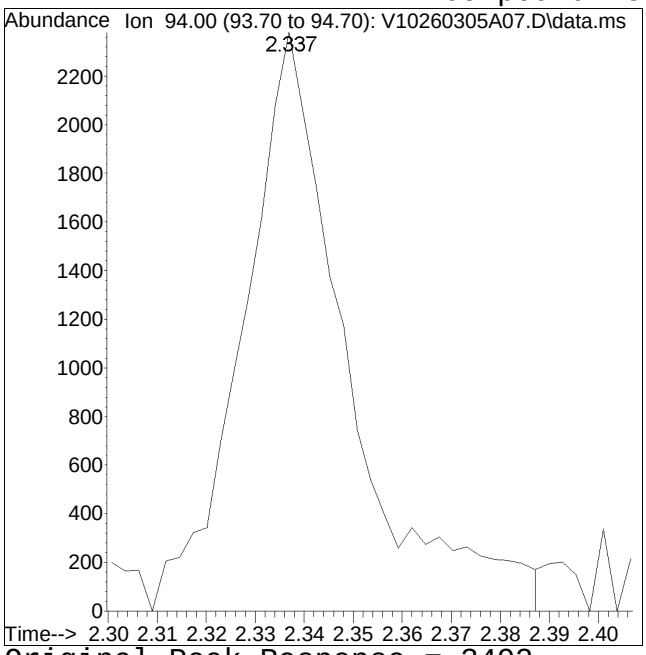
Sub List : 8260-CurveSoil - Megamix plus Diox60305A11.D•



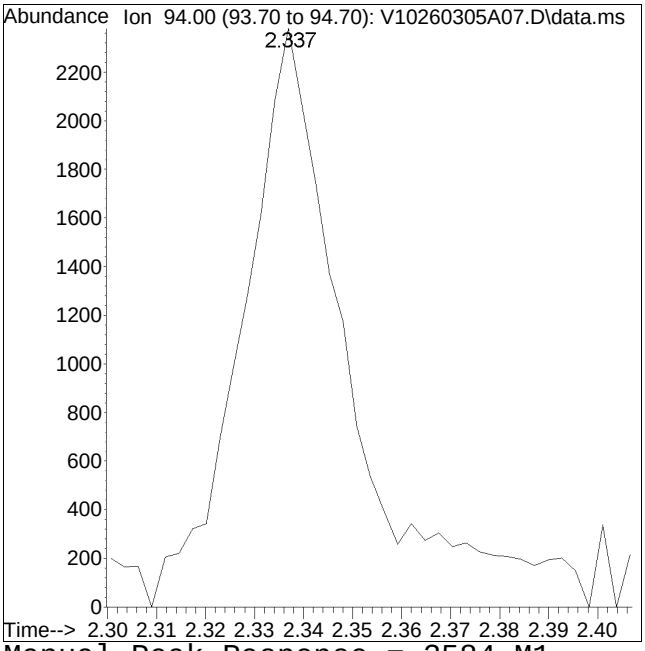
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #5: Bromomethane



Original Peak Response = 3492



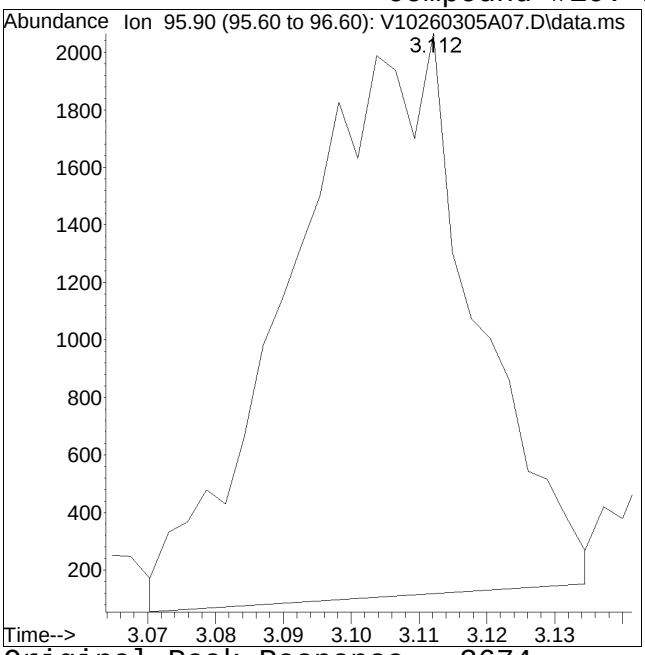
Manual Peak Response = 3584 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

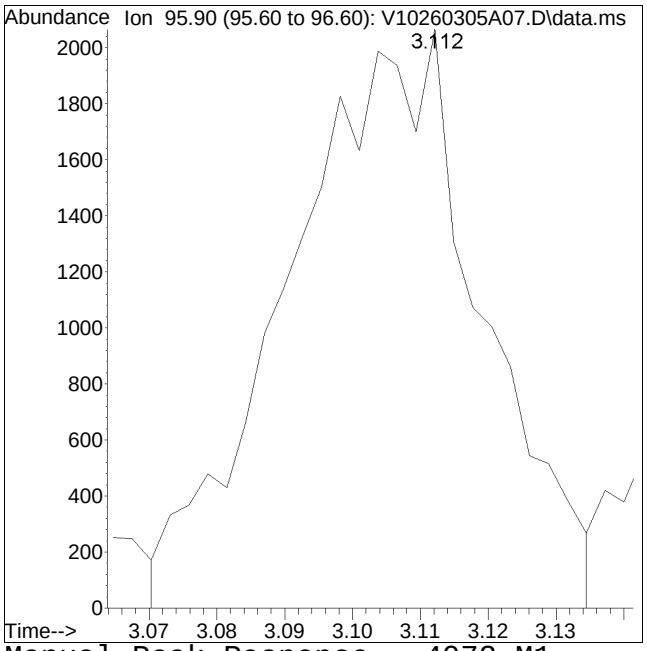
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #10: 1,1-Dichloroethene



Original Peak Response = 3674



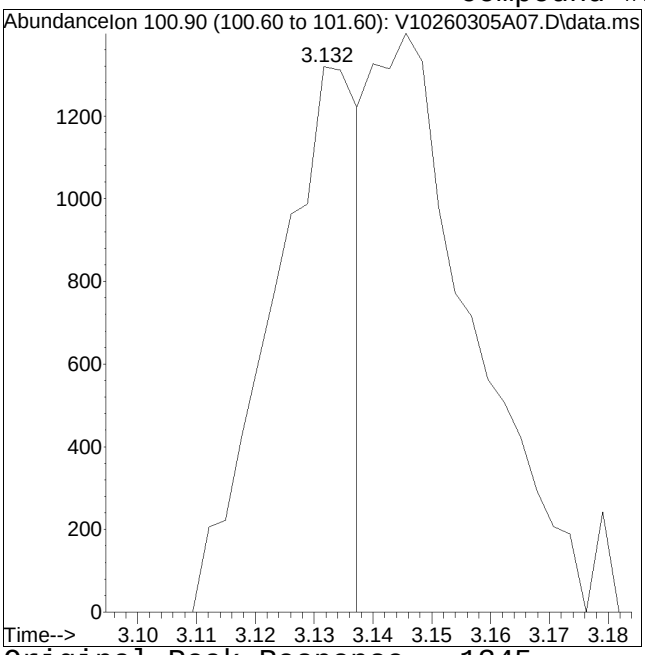
Manual Peak Response = 4072 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

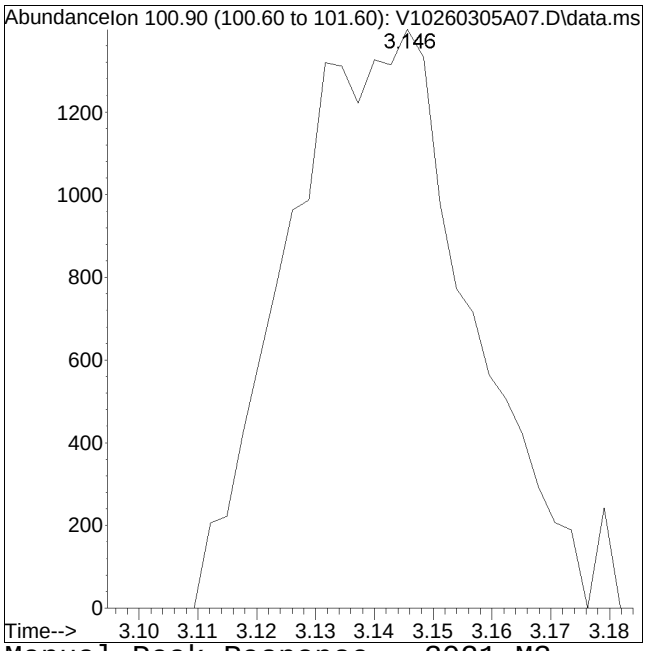
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #12: Freon-113



Original Peak Response = 1345



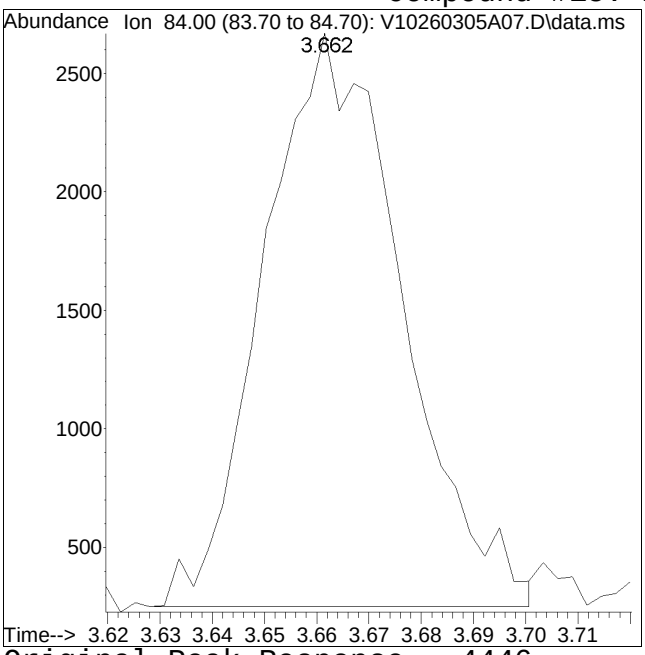
Manual Peak Response = 3021 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

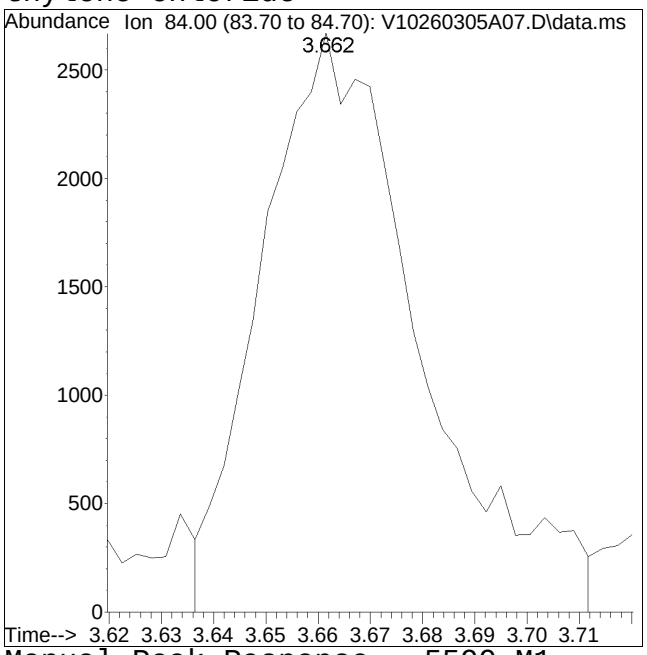
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #15: Methylene chloride



Original Peak Response = 4446



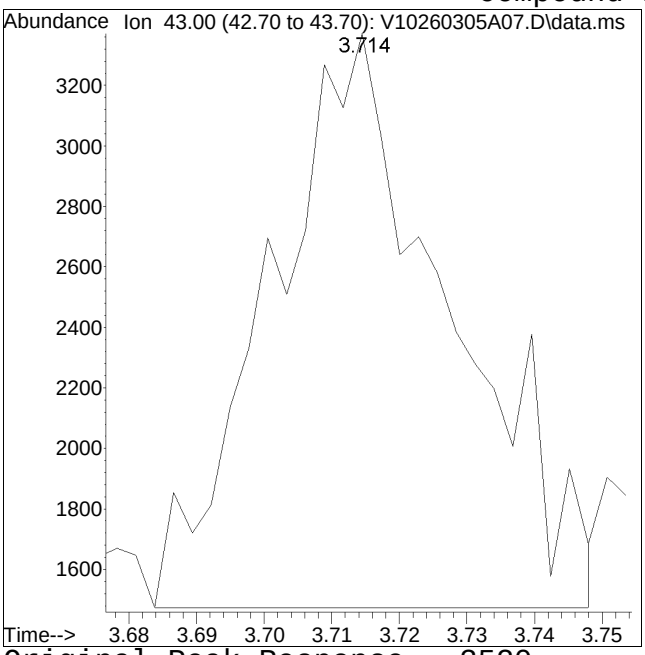
Manual Peak Response = 5599 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

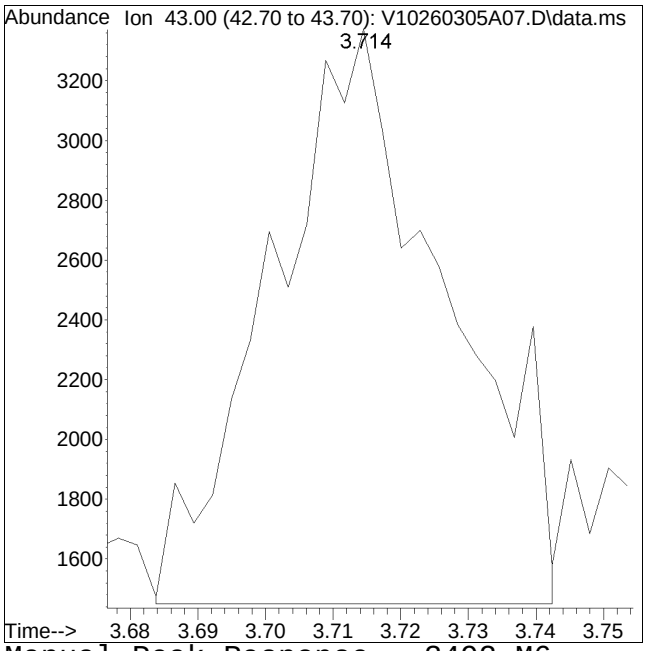
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #17: Acetone



Original Peak Response = 3520



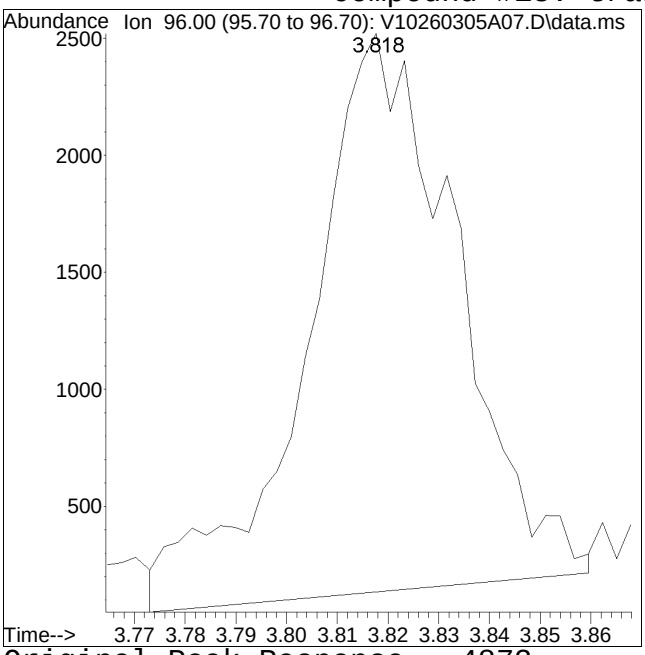
Manual Peak Response = 3492 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

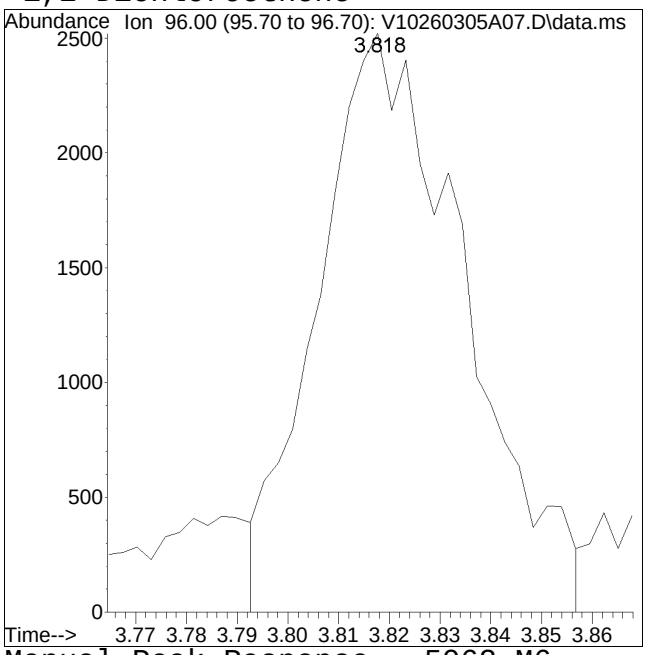
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #18: trans-1,2-Dichloroethene



Original Peak Response = 4873



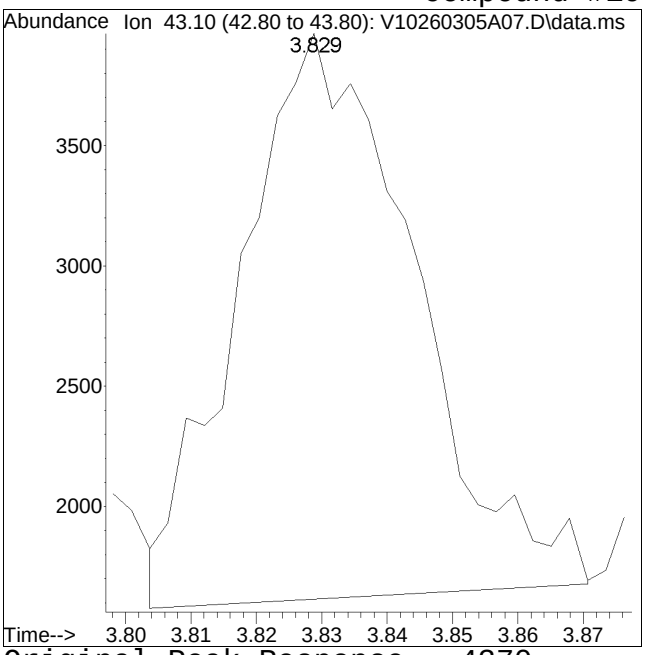
Manual Peak Response = 5062 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

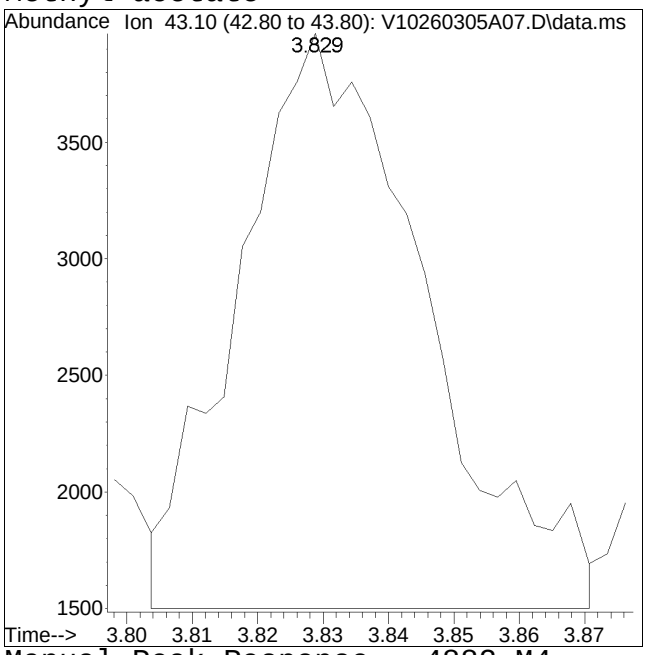
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #19: Methyl acetate



Original Peak Response = 4370



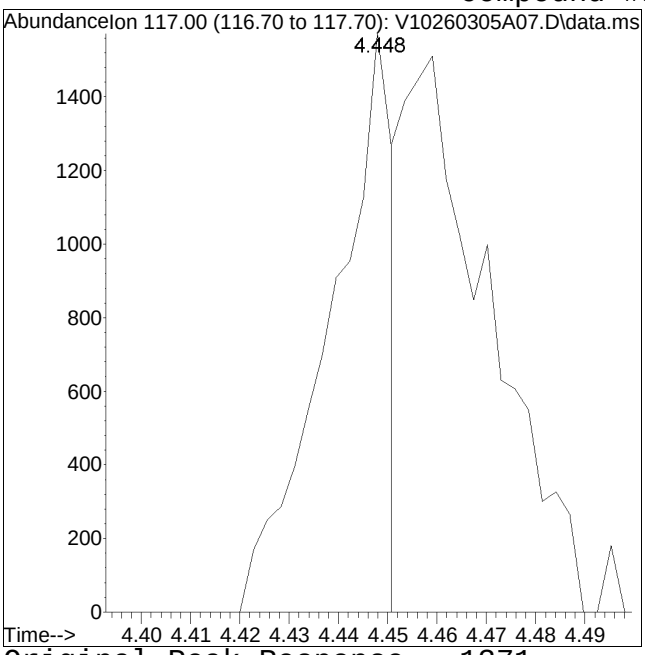
Manual Peak Response = 4882 M4

M4 = Poor automated baseline construction.

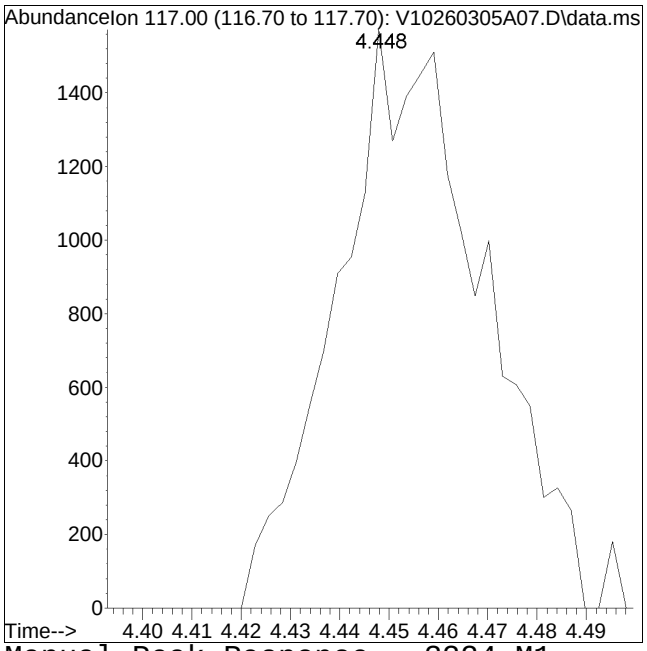
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #24: Halothane



Original Peak Response = 1371



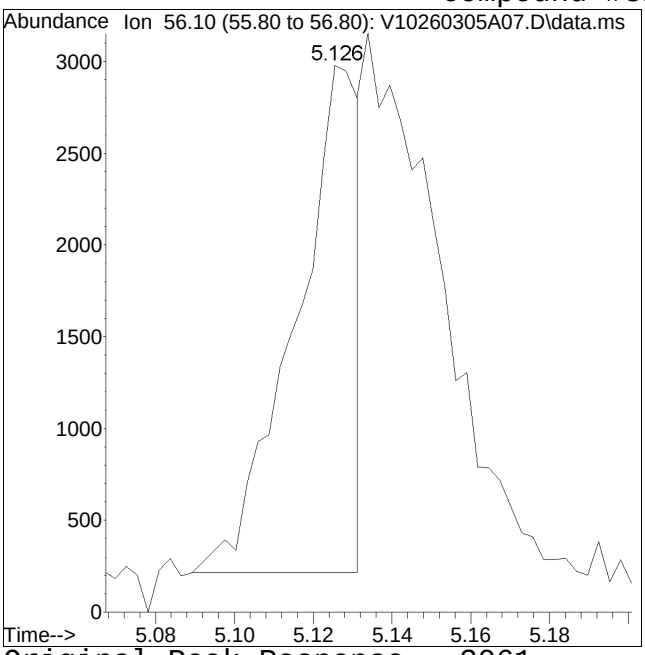
Manual Peak Response = 3224 M1

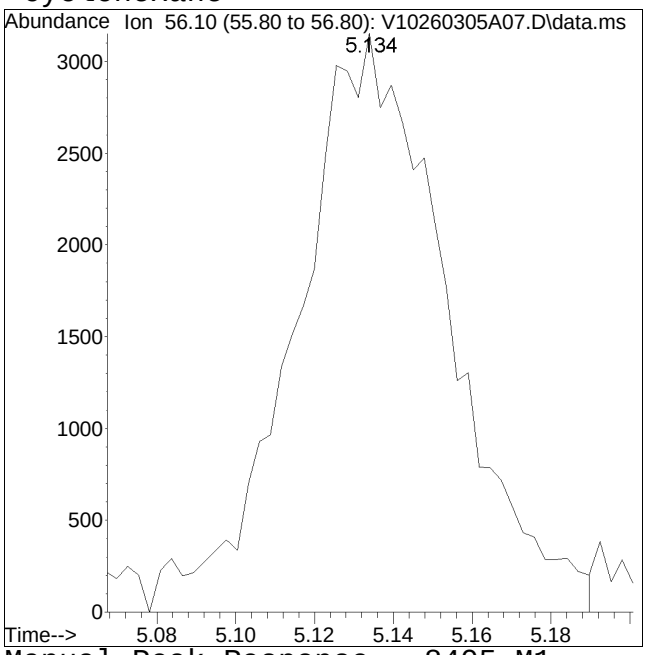
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #31: Cyclohexane



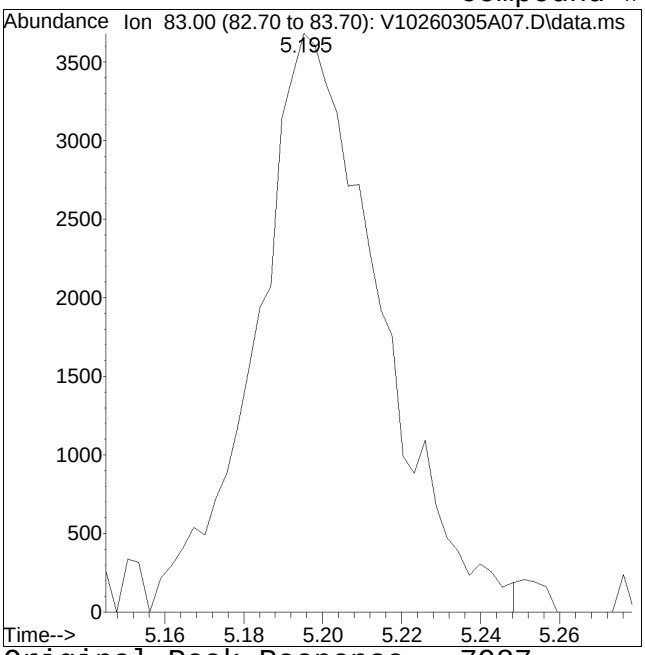


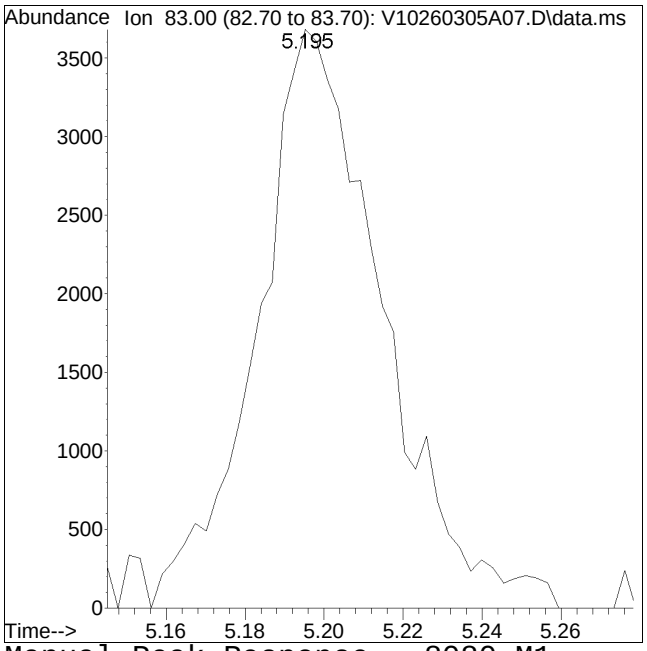
Original Peak Response = 3061 Manual Peak Response = 8405 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #32: Chloroform



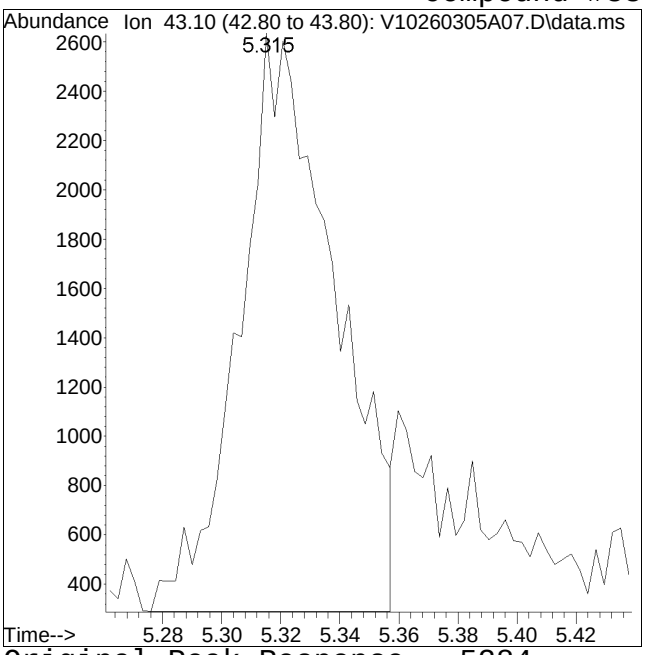


Original Peak Response = 7987 Manual Peak Response = 8080 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

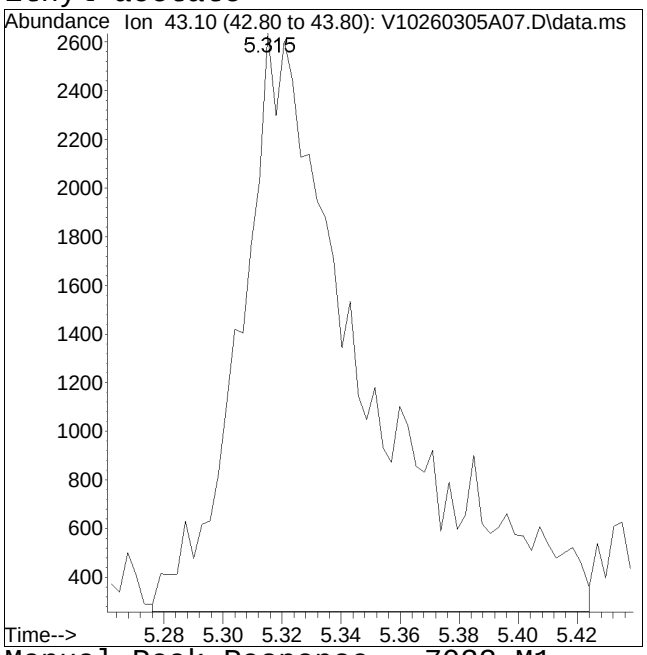
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #33: Ethyl acetate



Original Peak Response = 5284



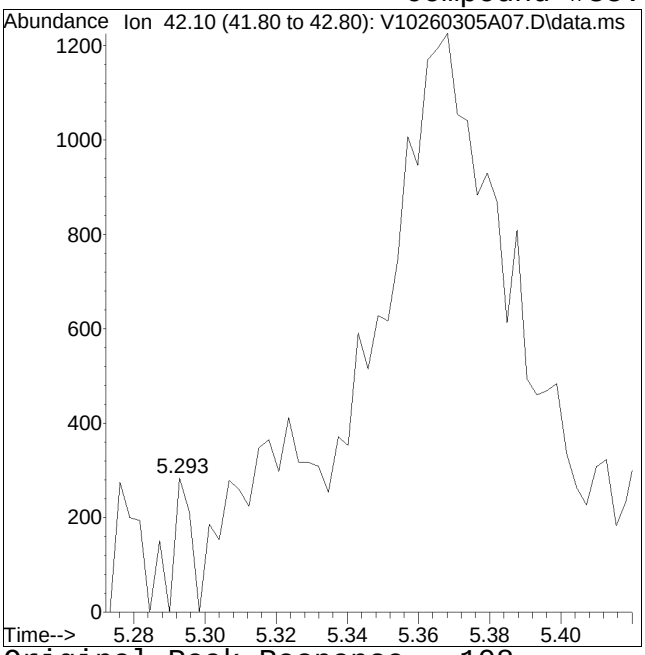
Manual Peak Response = 7033 M1

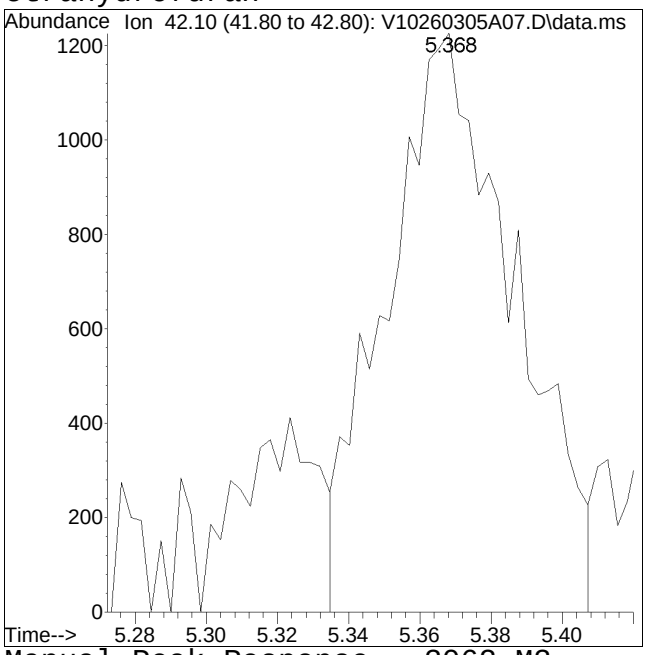
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #35: Tetrahydrofuran





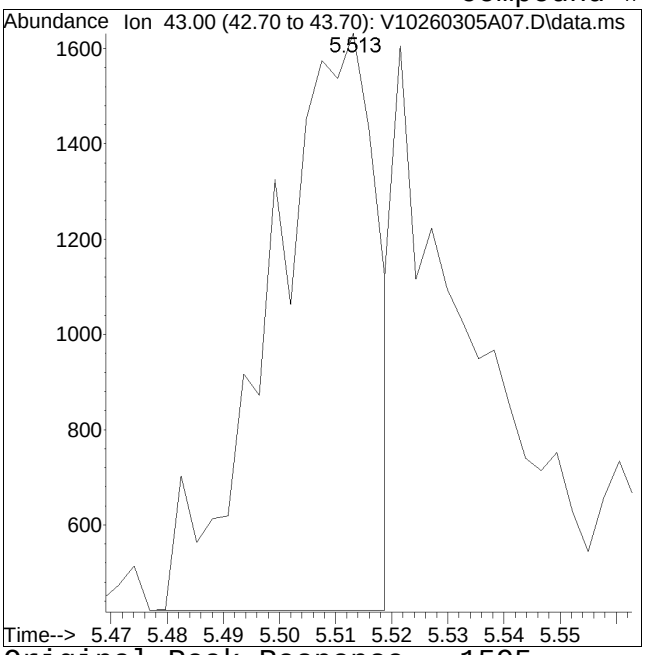
Original Peak Response = 108 Manual Peak Response = 3062 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

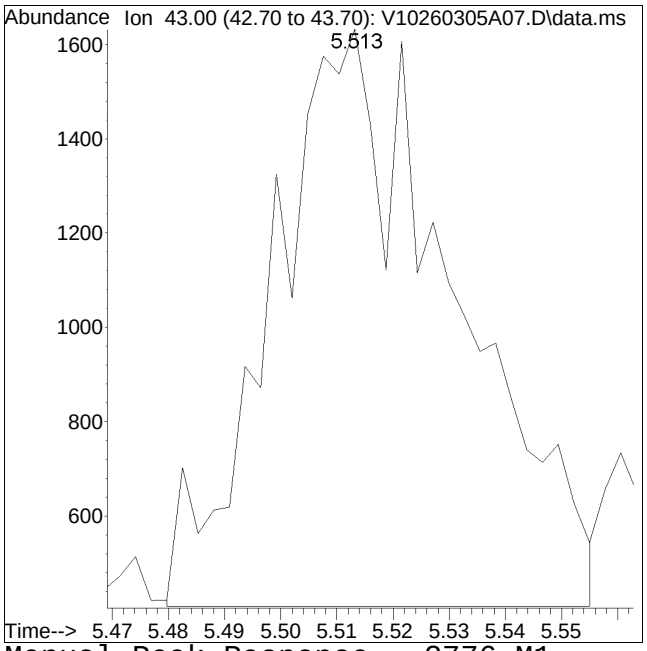
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #39: 2-Butanone



Original Peak Response = 1595



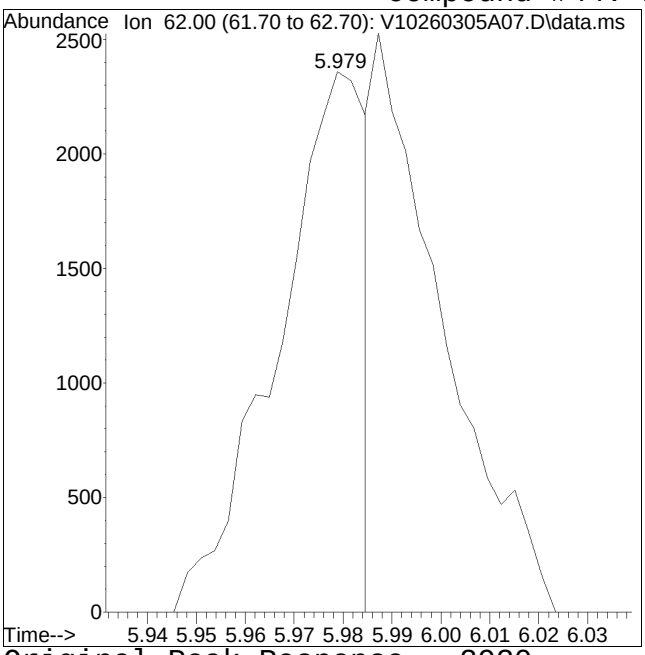
Manual Peak Response = 2776 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

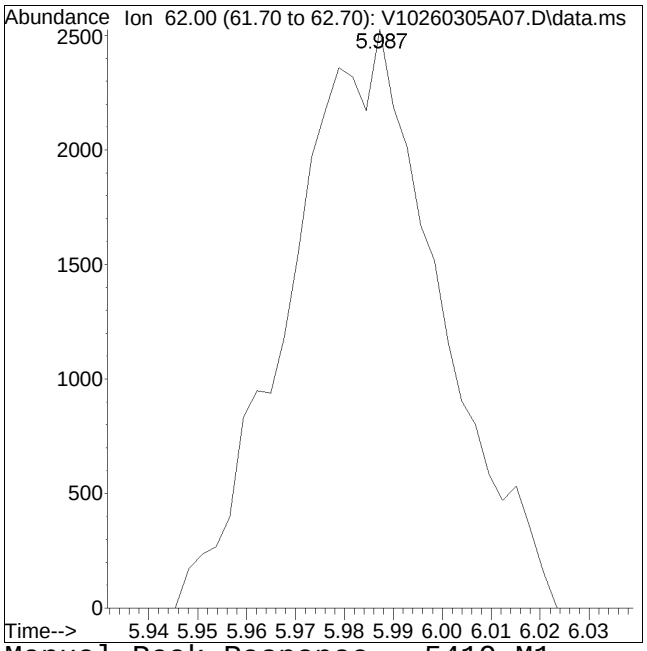
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #44: 1,2-Dichloroethane



Original Peak Response = 2930



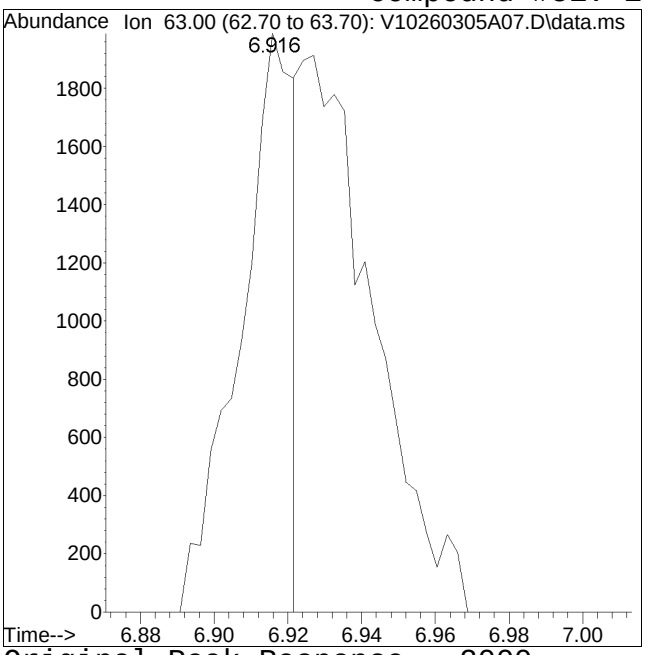
Manual Peak Response = 5419 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

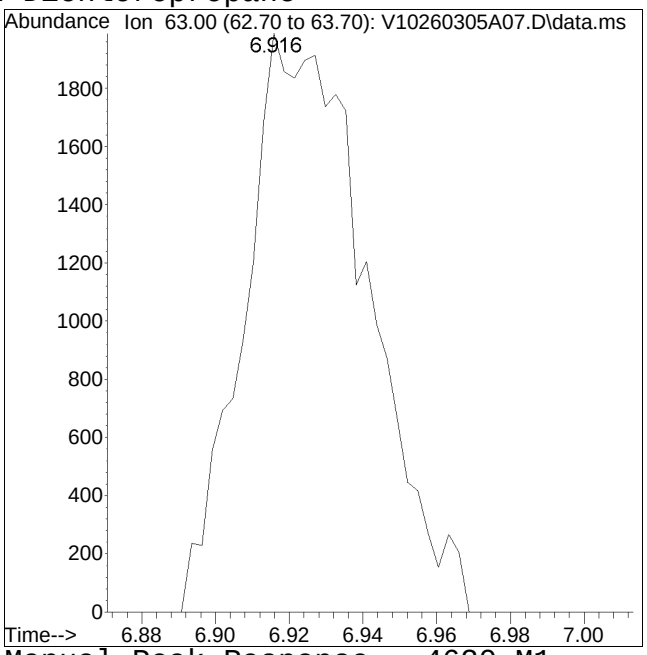
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #51: 1,2-Dichloropropane



Original Peak Response = 2000



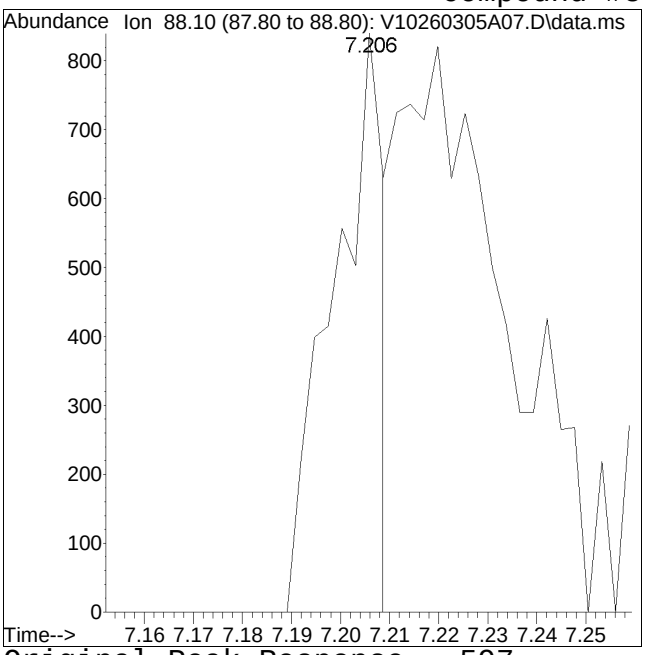
Manual Peak Response = 4620 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

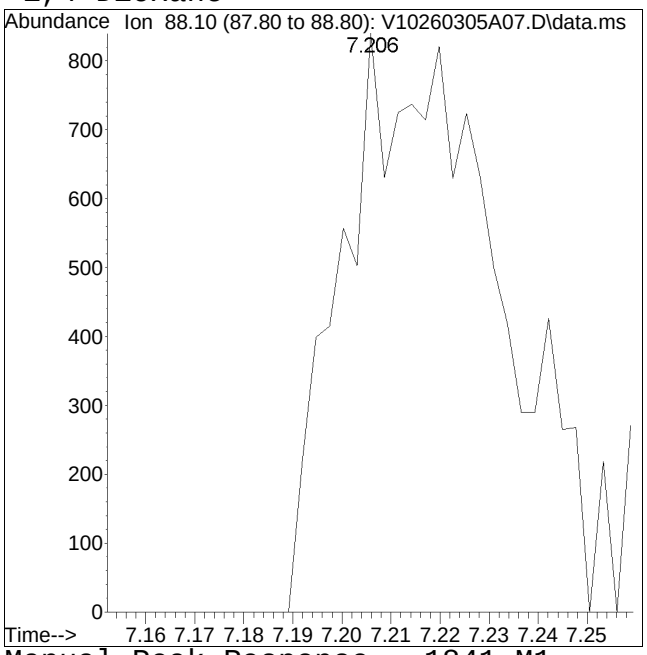
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #57: 1,4-Dioxane



Original Peak Response = 597



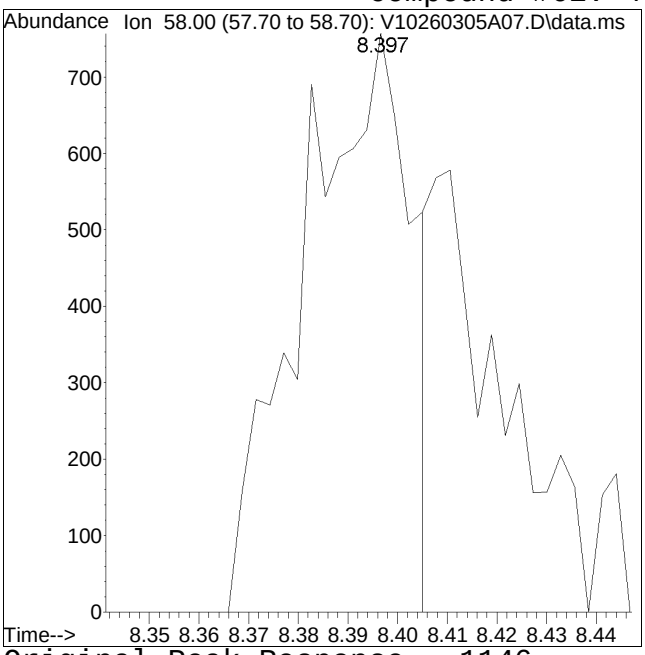
Manual Peak Response = 1841 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

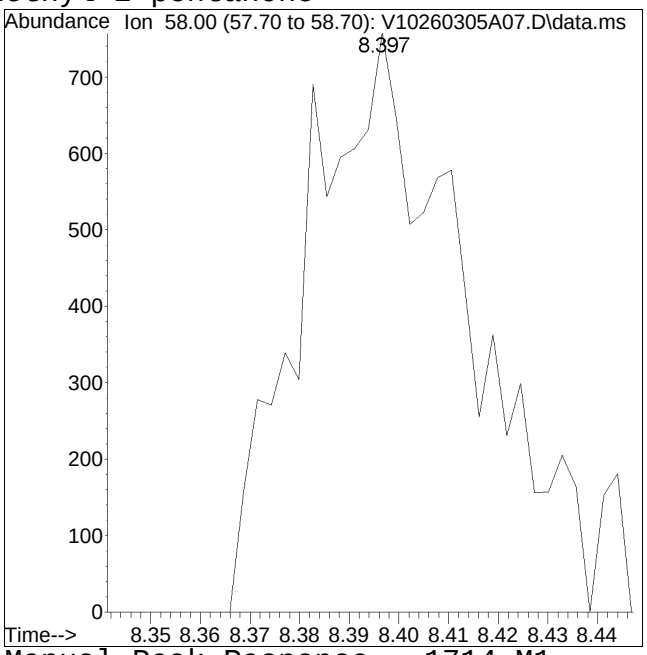
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #62: 4-Methyl-2-pentanone



Original Peak Response = 1146



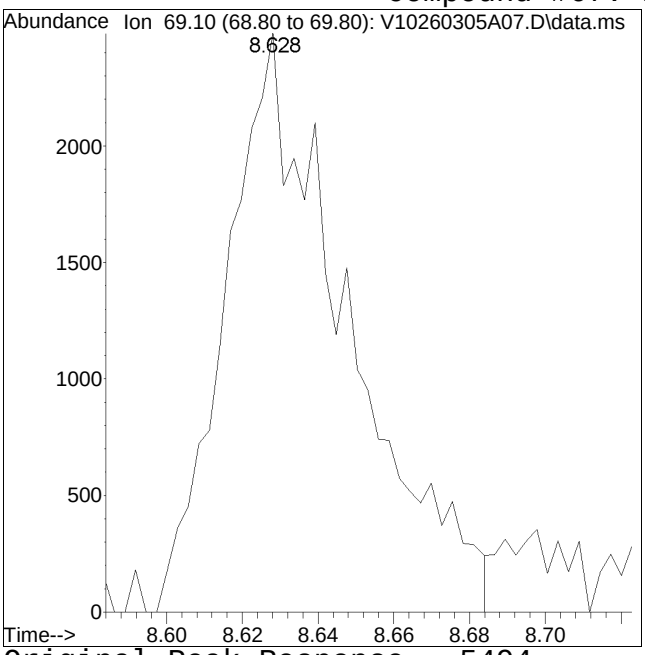
Manual Peak Response = 1714 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

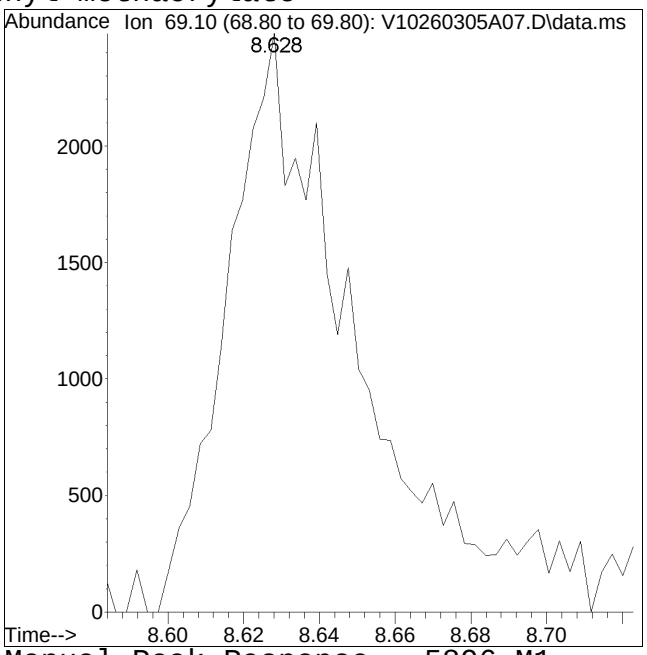
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #67: Ethyl methacrylate



Original Peak Response = 5494



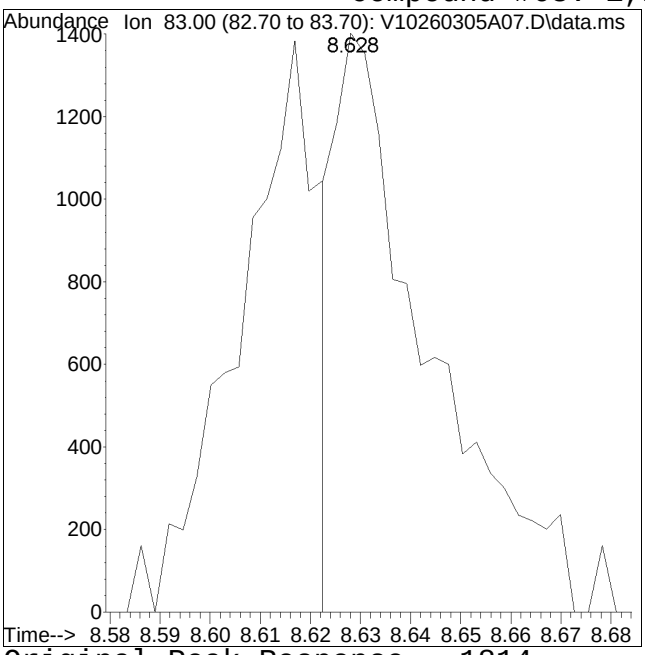
Manual Peak Response = 5896 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

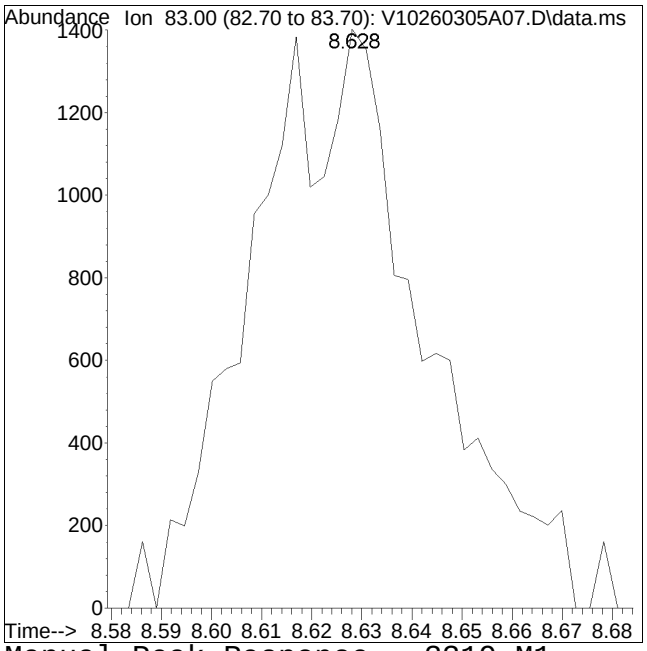
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #68: 1,1,2-Trichloroethane



Original Peak Response = 1814



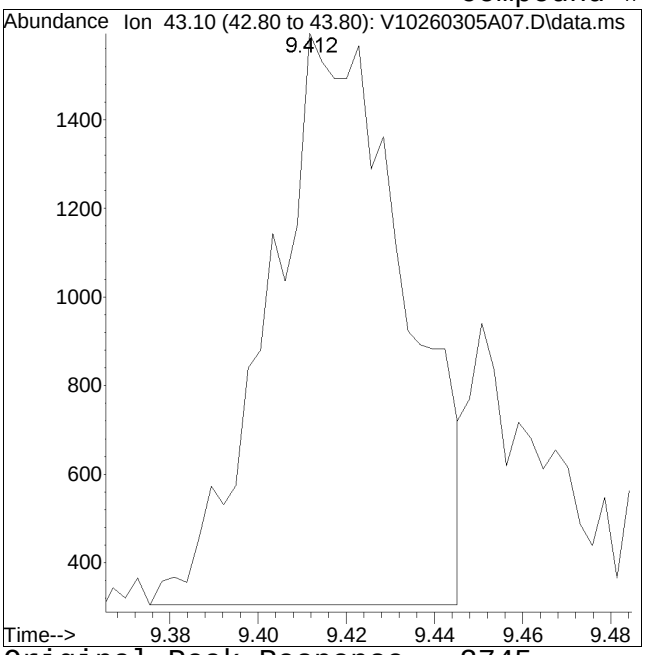
Manual Peak Response = 3319 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

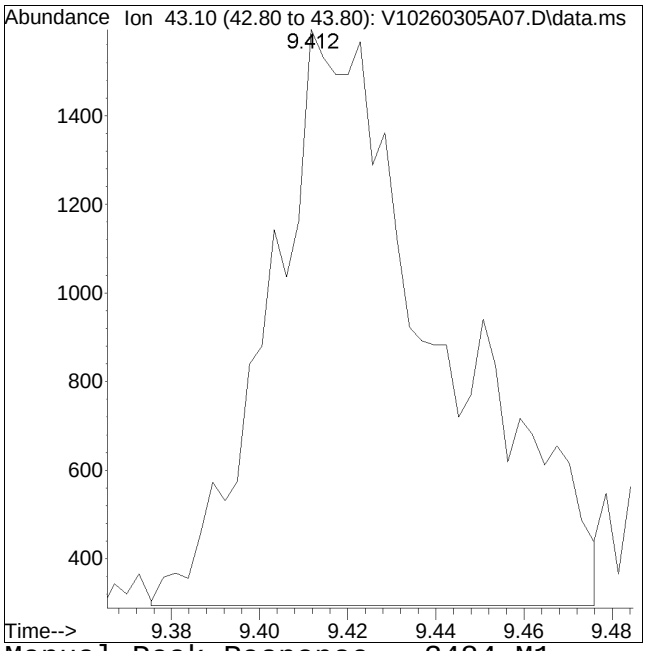
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #72: 2-Hexanone



Original Peak Response = 2745



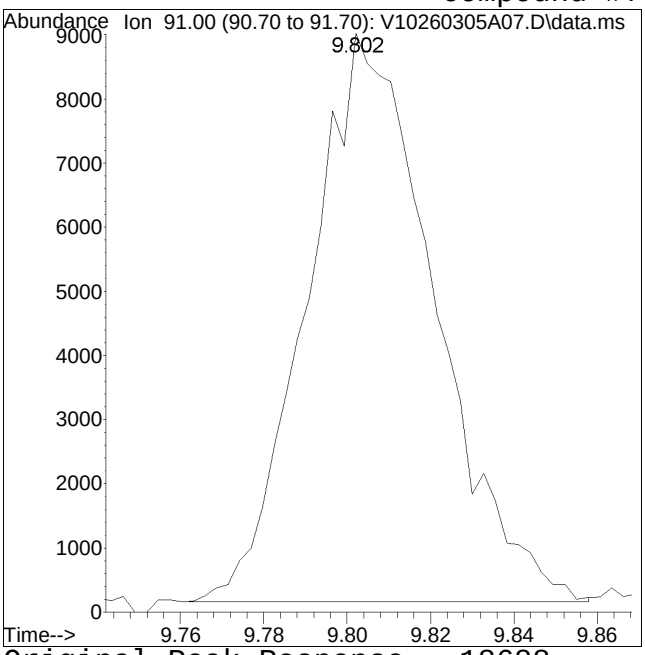
Manual Peak Response = 3484 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

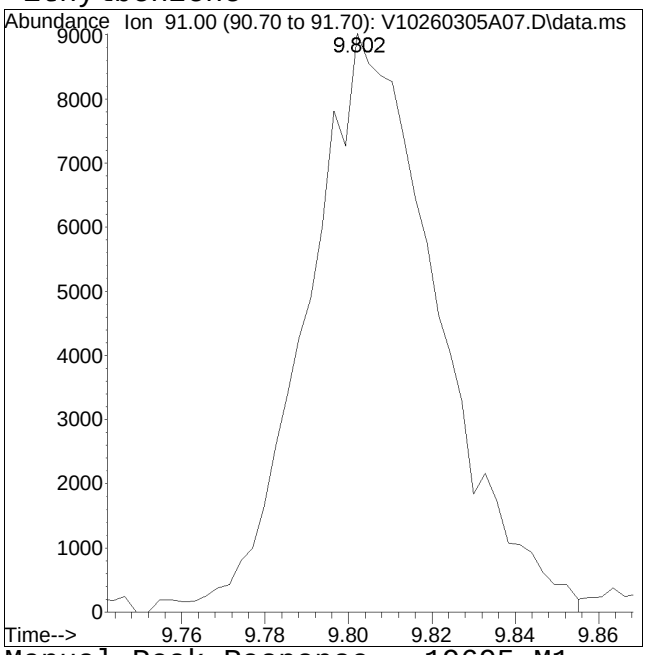
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #74: Ethylbenzene



Original Peak Response = 18688



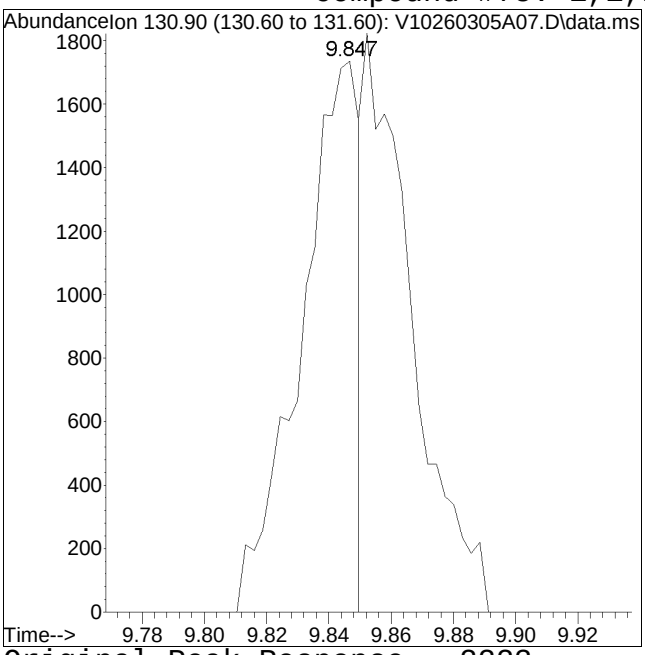
Manual Peak Response = 19695 M1

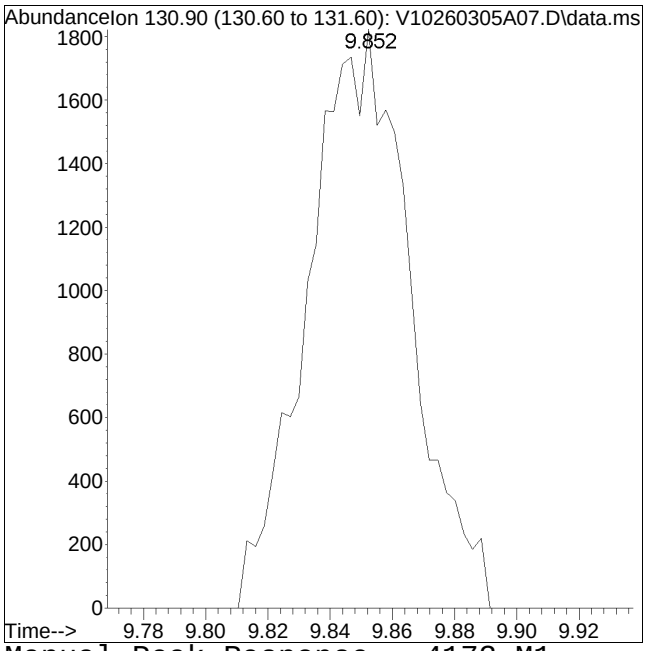
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A07.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 6:44 pm Instrument : VOA110
Sample : I8260STD2.0PPB Quant Date : 3/6/2026 11:24 am

Compound #75: 1,1,1,2-Tetrachloroethane





Original Peak Response = 2223 Manual Peak Response = 4173 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A09.D
Acq On : 5 Mar 2026 7:39 pm
Operator : VOA110:JIC
Sample : I8260STD4.0PPB
Misc : WG2182226,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 06 13:13:15 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.197	96	149616	20.000 ug/L	0.00
Standard Area 1 = 163785			Recovery = 91.35%		
59) Chlorobenzene-d5	9.746	117	128841	20.000 ug/L	0.00
Standard Area 1 = 132630			Recovery = 97.14%		
79) 1,4-Dichlorobenzene-d4	12.412	152	74445	20.000 ug/L	0.00
Standard Area 1 = 74236			Recovery = 100.28%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.379	113	40652	21.791 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 108.96%		
43) 1,2-Dichloroethane-d4	5.912	65	42431	21.423 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.11%		
60) Toluene-d8	7.895	98	153746	19.706 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.53%		
83) 4-Bromofluorobenzene	11.216	95	64741	19.944 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.72%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.740	85	4275	3.996 ug/L	96
3) Chloromethane	1.933	50	10540	4.952 ug/L	99
4) Vinyl chloride	2.011	62	8028	4.409 ug/L	100
5) Bromomethane	2.337	94	6027M1	5.934 ug/L	
6) Chloroethane	2.463	64	5801	4.510 ug/L	94
7) Trichlorofluoromethane	2.602	101	7833	4.153 ug/L	95
8) Ethyl ether	2.909	74	4743	4.360 ug/L	77
10) 1,1-Dichloroethene	3.104	96	6304	4.557 ug/L	94
11) Carbon disulfide	3.137	76	21752	4.588 ug/L	97
12) Freon-113	3.140	101	4845	3.902 ug/L #	1
14) Acrolein	0.000		0	N.D. d	
15) Methylene chloride	3.662	84	7927	4.632 ug/L	91
17) Acetone	3.717	43	6659M1	7.464 ug/L	
18) trans-1,2-Dichloroethene	3.815	96	8407M1	5.130 ug/L	
19) Methyl acetate	3.832	43	9891M1	5.081 ug/L	
20) Methyl tert-butyl ether	3.921	73	24886	4.484 ug/L #	79
21) tert-Butyl alcohol	4.016	59	8651	23.124 ug/L	92
22) Diisopropyl ether	4.284	45	30842	4.019 ug/L	93
23) 1,1-Dichloroethane	4.412	63	15431	4.561 ug/L	95
24) Halothane	4.456	117	5653	4.418 ug/L #	73
25) Acrylonitrile	4.468	53	4251	4.758 ug/L #	88

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A09.D
Acq On : 5 Mar 2026 7:39 pm
Operator : VOA110:JIC
Sample : I8260STD4.0PPB
Misc : WG2182226,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 06 13:13:15 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.635	59	26056	4.022	ug/L		85
27) Vinyl acetate	4.652	43	24695	3.908	ug/L	#	91
28) cis-1,2-Dichloroethene	4.933	96	8954	4.611	ug/L		93
29) 2,2-Dichloropropane	5.045	77	11502M1	4.670	ug/L		
30) Bromochloromethane	5.128	128	4198	4.442	ug/L		86
31) Cyclohexane	5.134	56	13052	4.402	ug/L		87
32) Chloroform	5.195	83	14217M1	4.829	ug/L		
33) Ethyl acetate	5.321	43	10825M1	3.837	ug/L		
34) Carbon tetrachloride	5.335	117	8818	4.305	ug/L	#	95
35) Tetrahydrofuran	5.366	42	5052M1	5.224	ug/L		
37) 1,1,1-Trichloroethane	5.407	97	10853	4.639	ug/L	#	85
39) 2-Butanone	5.516	43	5291	4.222	ug/L	#	1
40) 1,1-Dichloropropene	5.533	75	9077	4.224	ug/L		97
41) Benzene	5.781	78	30505	4.399	ug/L		96
42) tert-Amyl methyl ether	5.887	73	21130	3.964	ug/L	#	88
44) 1,2-Dichloroethane	5.982	62	10640	4.462	ug/L		94
47) Methyl cyclohexane	6.369	83	9995	3.857	ug/L		93
48) Trichloroethene	6.372	95	7729	4.451	ug/L		95
50) Dibromomethane	6.818	93	4732	4.464	ug/L		89
51) 1,2-Dichloropropane	6.922	63	8583	4.228	ug/L		97
53) 2-Chloroethyl vinyl ether	7.622	63	5607M1	4.061	ug/L		
54) Bromodichloromethane	6.989	83	10742	4.511	ug/L	#	98
57) 1,4-Dioxane	7.209	88	5745M1	227.358	ug/L		
58) cis-1,3-Dichloropropene	7.688	75	12999	4.214	ug/L		93
61) Toluene	7.953	92	19245	4.188	ug/L		100
62) 4-Methyl-2-pentanone	8.394	58	3679	3.741	ug/L	#	90
63) Tetrachloroethene	8.405	166	7181	3.981	ug/L		96
65) trans-1,3-Dichloropropene	8.439	75	10866	3.690	ug/L		97
67) Ethyl methacrylate	8.623	69	11524M1	4.225	ug/L		
68) 1,1,2-Trichloroethane	8.623	83	5765	3.971	ug/L		98
69) Chlorodibromomethane	8.835	129	8376	4.029	ug/L		95
70) 1,3-Dichloropropane	8.949	76	12005	3.897	ug/L		99
71) 1,2-Dibromoethane	9.122	107	6683	3.724	ug/L		96
72) 2-Hexanone	9.415	43	7874M1	3.962	ug/L		
73) Chlorobenzene	9.766	112	21798	4.086	ug/L	#	85
74) Ethylbenzene	9.805	91	35505	4.161	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.850	131	7727	3.841	ug/L	#	73
76) p/m Xylene	9.989	106	28551	8.300	ug/L		97
77) o Xylene	10.522	106	28447	8.273	ug/L		95
78) Styrene	10.589	104	47865	8.011	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A09.D
Acq On : 5 Mar 2026 7:39 pm
Operator : VOA110:JIC
Sample : I8260STD4.0PPB
Misc : WG2182226,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 06 13:13:15 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	10.605	173	5276	3.593	ug/L		99
82) Isopropylbenzene	10.895	105	35072	3.989	ug/L		99
84) Bromobenzene	11.330	156	9566	3.959	ug/L		98
85) n-Propylbenzene	11.367	91	41332	3.975	ug/L		98
86) 1,4-Dichlorobutane	11.386	55	15153	3.868	ug/L		99
87) 1,1,2,2-Tetrachloroethane	11.448	83	10823	4.117	ug/L		100
88) 4-Ethyltoluene	11.492	105	35654	3.980	ug/L		97
89) 2-Chlorotoluene	11.534	91	25713	4.119	ug/L		92
90) 1,3,5-Trimethylbenzene	11.587	105	30601	4.042	ug/L		99
91) 1,2,3-Trichloropropane	11.593	75	8246	4.094	ug/L	#	89
92) trans-1,4-Dichloro-2-b...	11.648	53	3745	4.091	ug/L	#	83
93) 4-Chlorotoluene	11.718	91	26716	4.053	ug/L		93
94) tert-Butylbenzene	11.922	119	26450	3.905	ug/L		99
97) 1,2,4-Trimethylbenzene	12.002	105	30779	4.028	ug/L		98
98) sec-Butylbenzene	12.108	105	37920	3.945	ug/L		96
99) p-Isopropyltoluene	12.259	119	34955	3.917	ug/L		96
100) 1,3-Dichlorobenzene	12.340	146	18693	3.977	ug/L		97
101) 1,4-Dichlorobenzene	12.429	146	19238	4.058	ug/L		95
102) p-Diethylbenzene	12.633	119	21515	3.905	ug/L		95
103) n-Butylbenzene	12.691	91	30573	3.972	ug/L		98
104) 1,2-Dichlorobenzene	12.853	146	18051	3.975	ug/L		99
105) 1,2,4,5-Tetramethylben...	13.422	119	34750	3.922	ug/L		96
106) 1,2-Dibromo-3-chloropr...	13.617	155	2068	3.857	ug/L		93
107) 1,3,5-Trichlorobenzene	13.656	180	13339	3.969	ug/L		93
108) Hexachlorobutadiene	14.222	225	5707	3.944	ug/L		98
109) 1,2,4-Trichlorobenzene	14.253	180	12324	3.874	ug/L		99
110) Naphthalene	14.546	128	36144	3.952	ug/L		100
111) 1,2,3-Trichlorobenzene	14.716	180	11633	3.881	ug/L		98

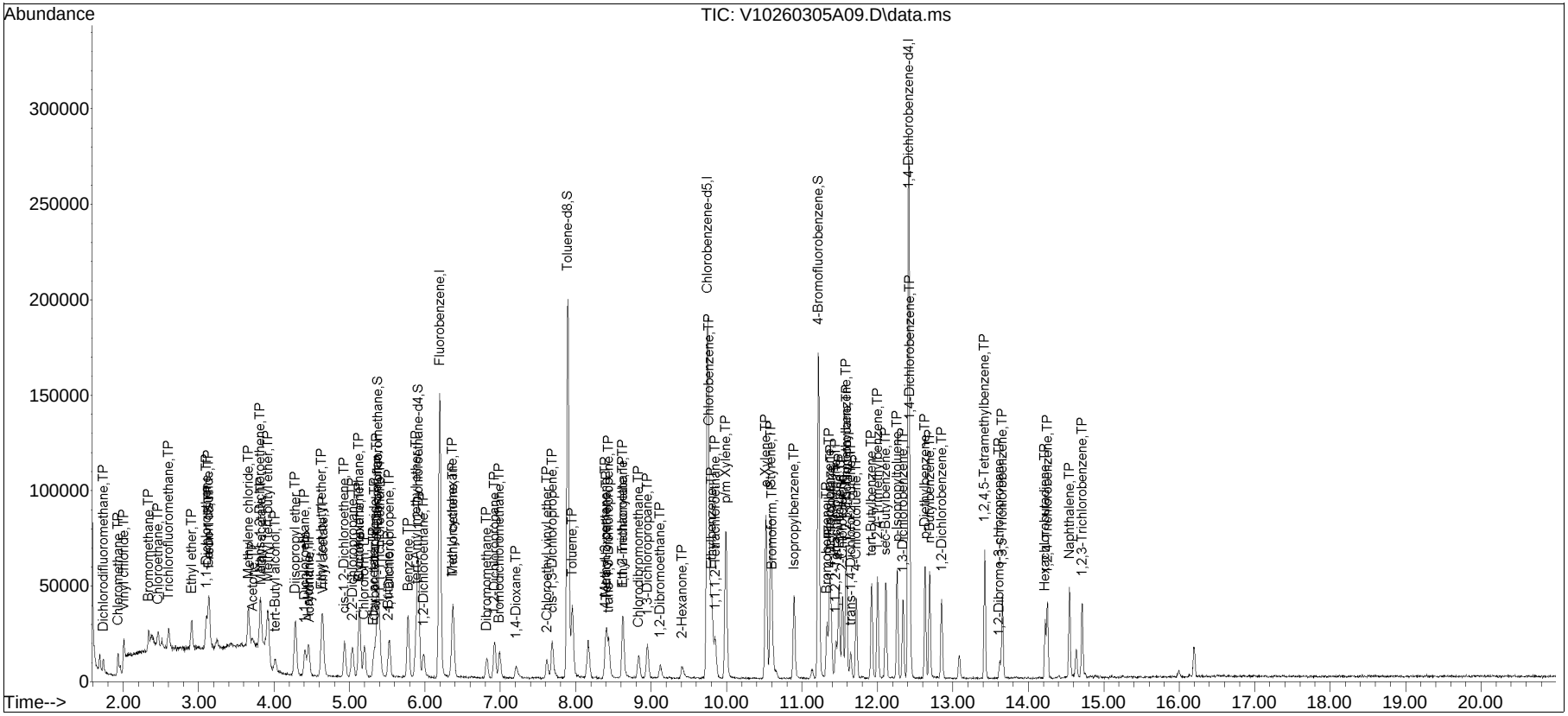
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A09.D
Acq On : 5 Mar 2026 7:39 pm
Operator : VOA110:JIC
Sample : I8260STD4.0PPB
Misc : WG2182226,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 06 13:13:15 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

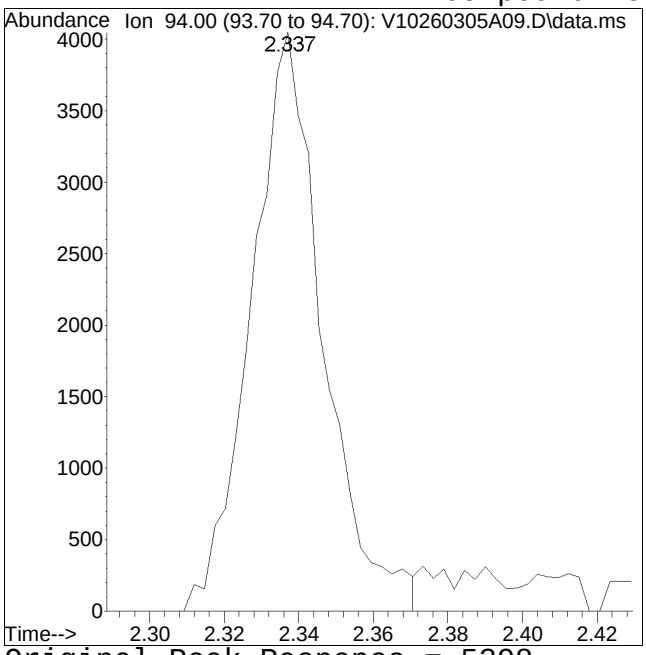
Sub List : 8260-CurveSoil - Megamix plus Diox60305A11.D•



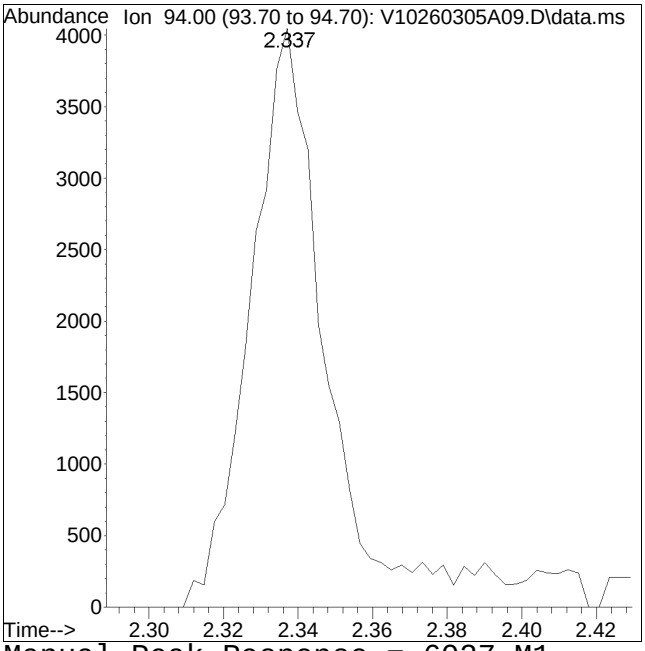
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A09.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 7:39 pm Instrument : VOA110
Sample : I8260STD4.0PPB Quant Date : 3/6/2026 11:24 am

Compound #5: Bromomethane



Original Peak Response = 5398



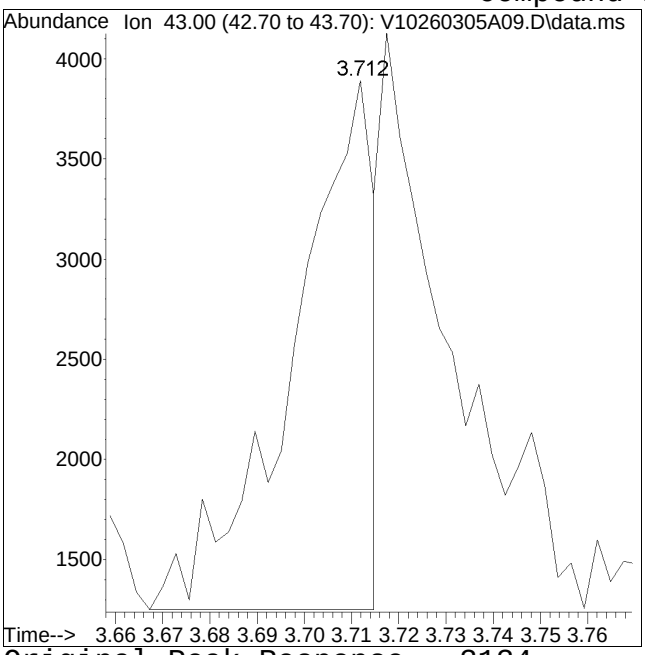
Manual Peak Response = 6027 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

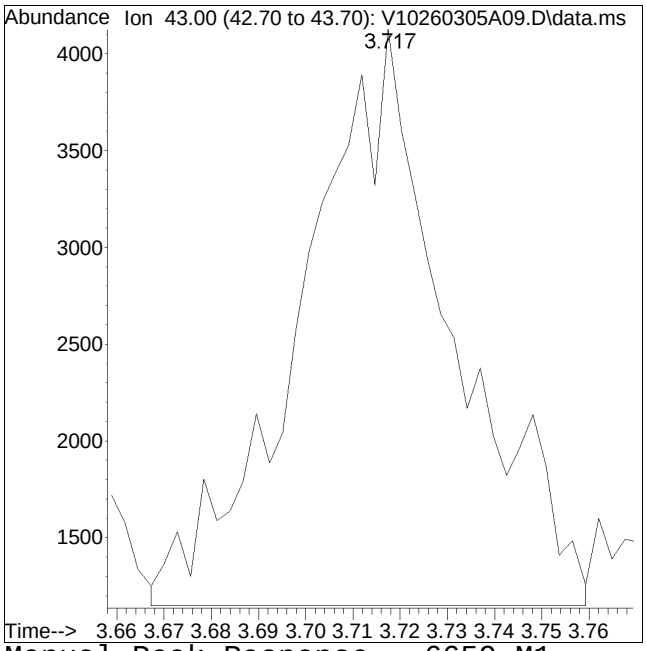
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A09.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 7:39 pm Instrument : VOA110
Sample : I8260STD4.0PPB Quant Date : 3/6/2026 11:24 am

Compound #17: Acetone



Original Peak Response = 3134



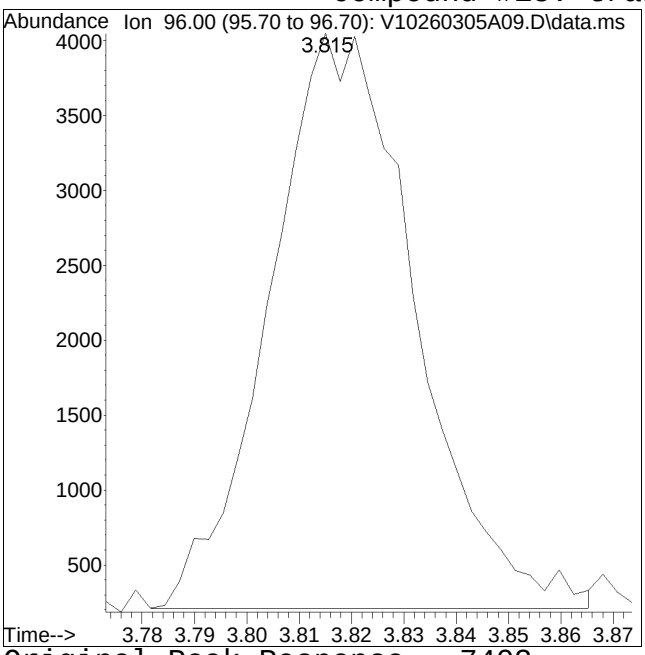
Manual Peak Response = 6659 M1

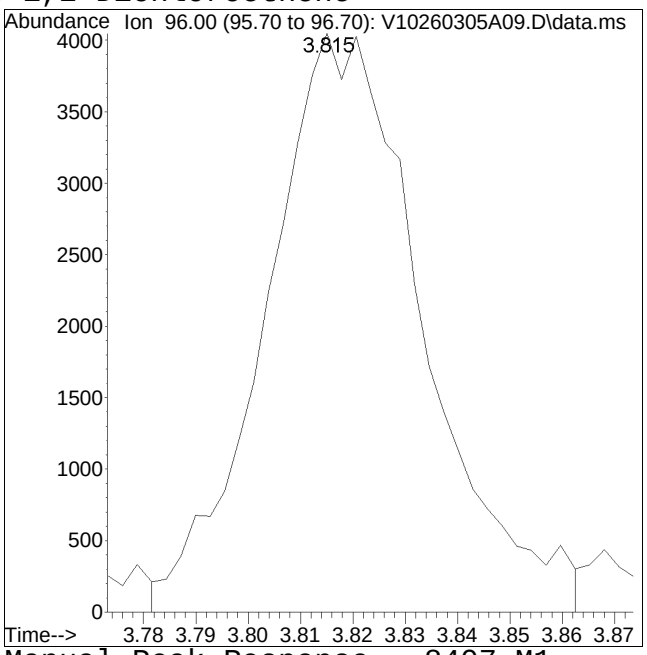
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A09.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 7:39 pm Instrument : VOA110
Sample : I8260STD4.0PPB Quant Date : 3/6/2026 11:24 am

Compound #18: trans-1,2-Dichloroethene





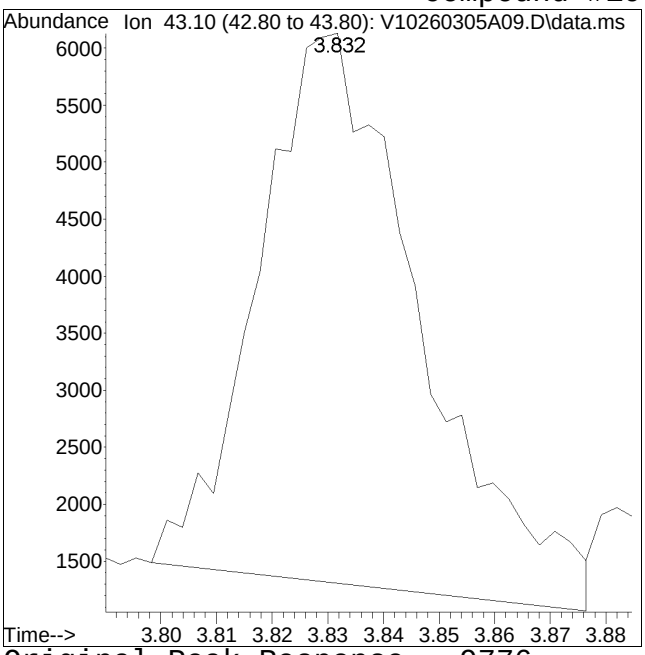
Original Peak Response = 7403 Manual Peak Response = 8407 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

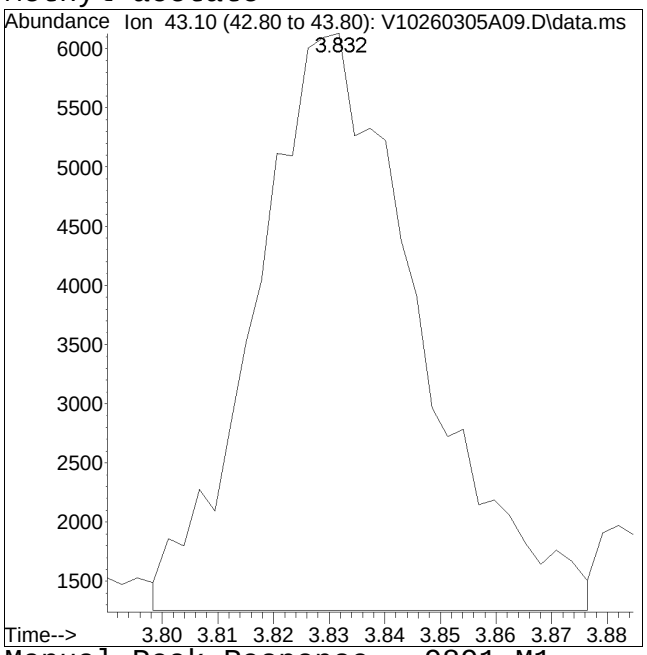
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A09.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 7:39 pm Instrument : VOA110
Sample : I8260STD4.0PPB Quant Date : 3/6/2026 11:24 am

Compound #19: Methyl acetate



Original Peak Response = 9776



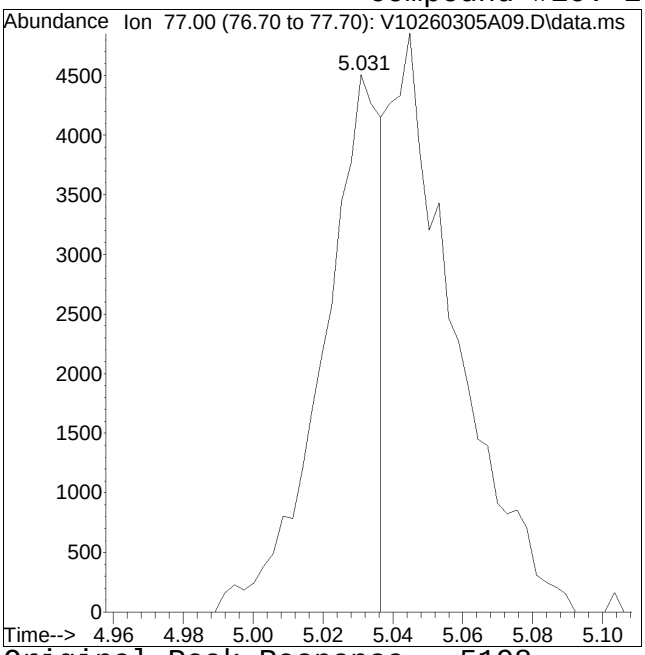
Manual Peak Response = 9891 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

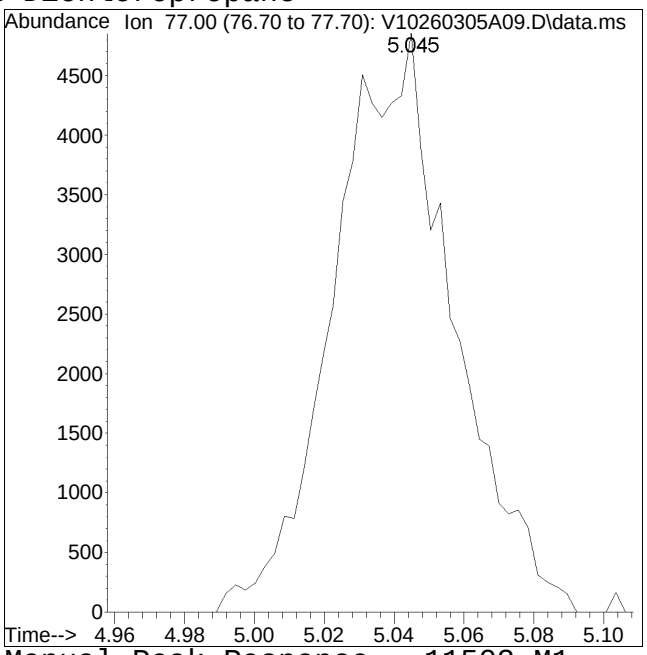
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A09.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 7:39 pm Instrument : VOA110
Sample : I8260STD4.0PPB Quant Date : 3/6/2026 11:24 am

Compound #29: 2,2-Dichloropropane



Original Peak Response = 5198



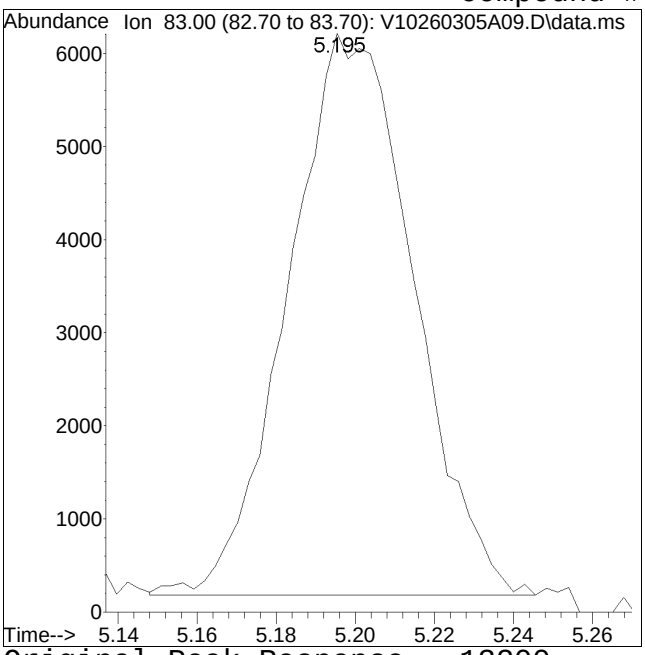
Manual Peak Response = 11502 M1

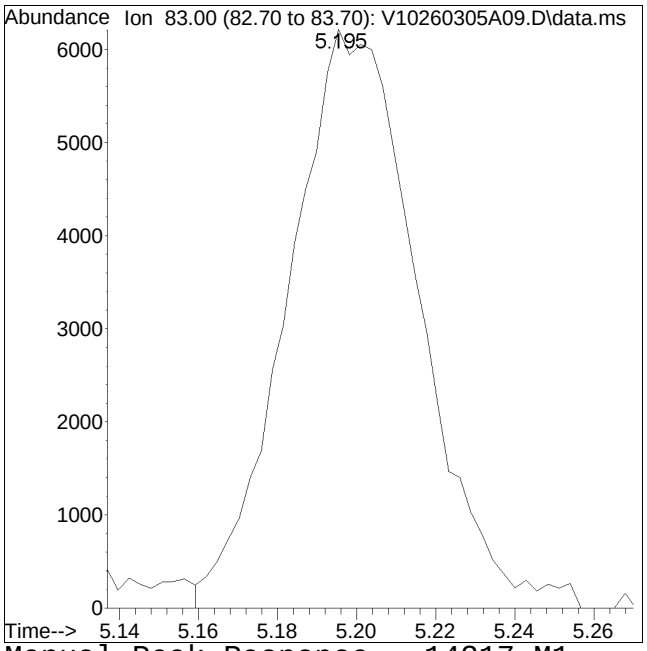
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A09.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 7:39 pm Instrument : VOA110
Sample : I8260STD4.0PPB Quant Date : 3/6/2026 11:24 am

Compound #32: Chloroform



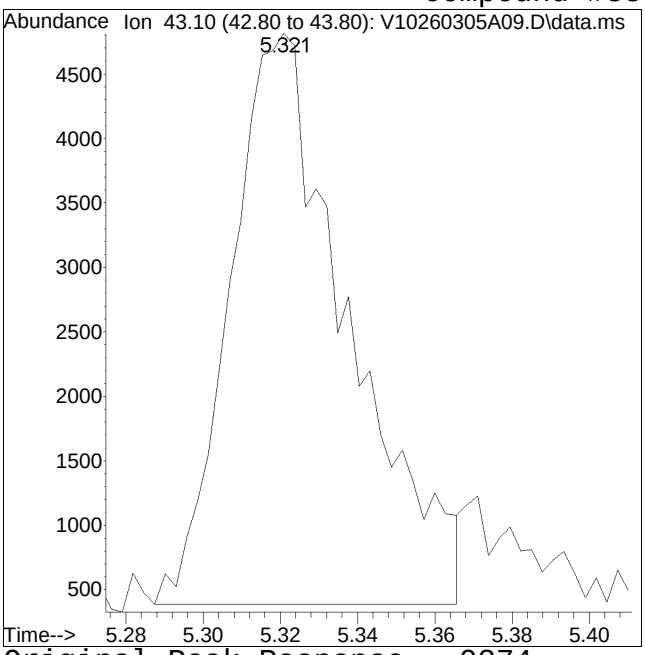


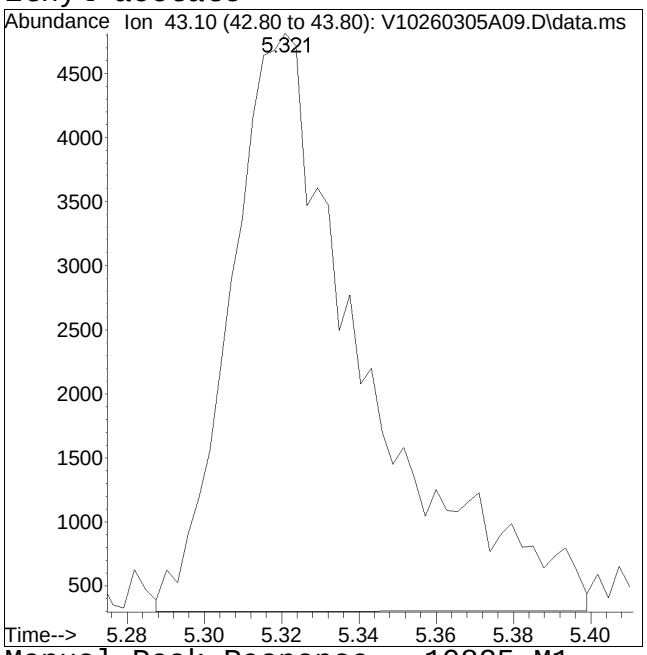
Original Peak Response = 13200 Manual Peak Response = 14217 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A09.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 7:39 pm Instrument : VOA110
Sample : I8260STD4.0PPB Quant Date : 3/6/2026 11:24 am

Compound #33: Ethyl acetate



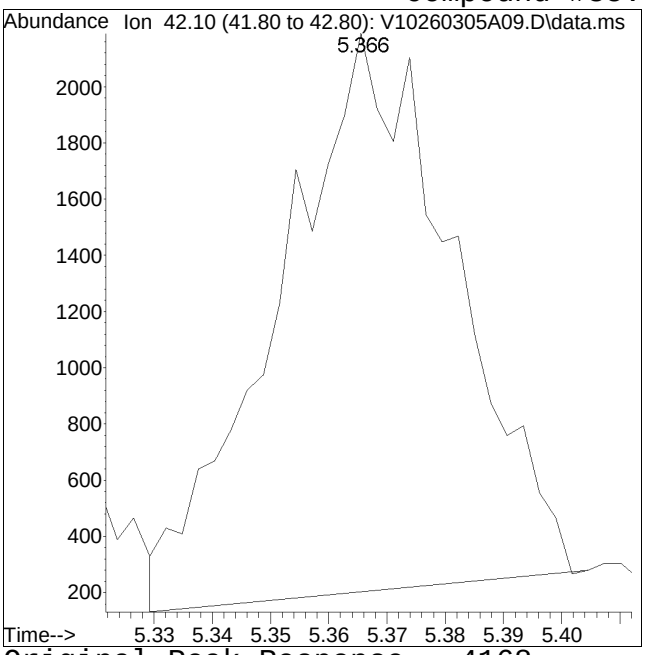


Original Peak Response = 9374 Manual Peak Response = 10825 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

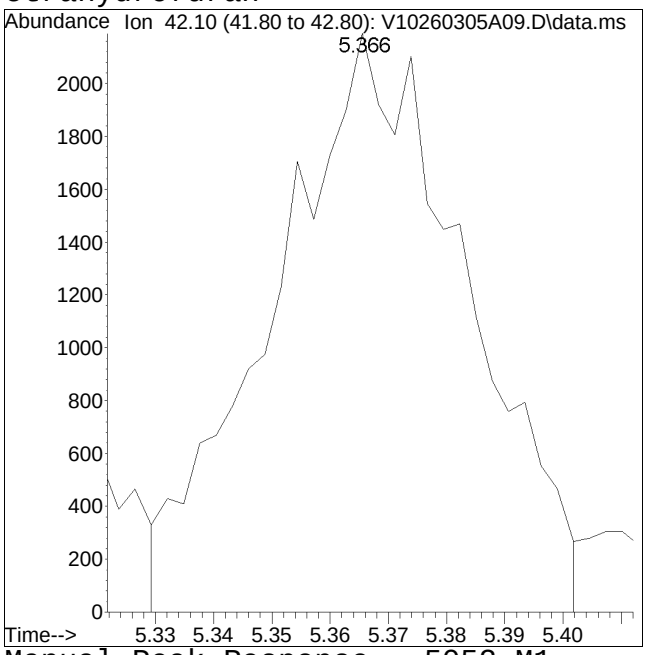
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A09.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 7:39 pm Instrument : VOA110
Sample : I8260STD4.0PPB Quant Date : 3/6/2026 11:24 am

Compound #35: Tetrahydrofuran



Original Peak Response = 4168



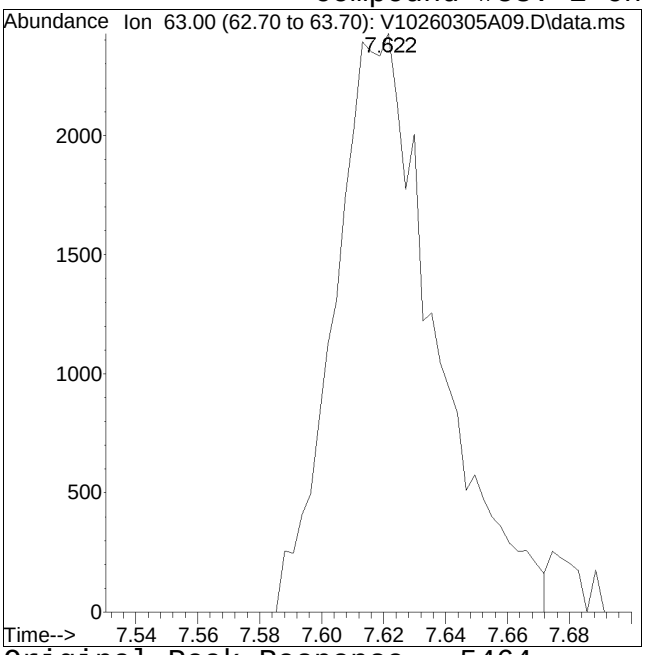
Manual Peak Response = 5052 M1

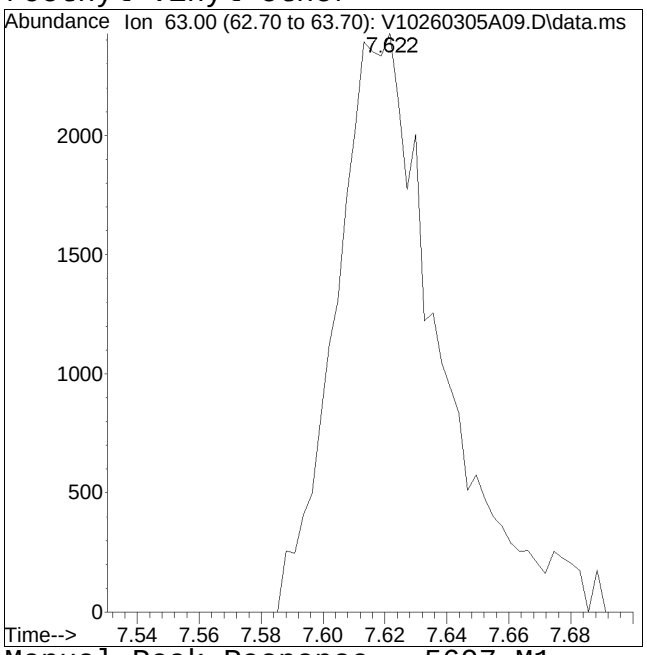
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A09.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 7:39 pm Instrument : VOA110
Sample : I8260STD4.0PPB Quant Date : 3/6/2026 11:24 am

Compound #53: 2-Chloroethyl vinyl ether





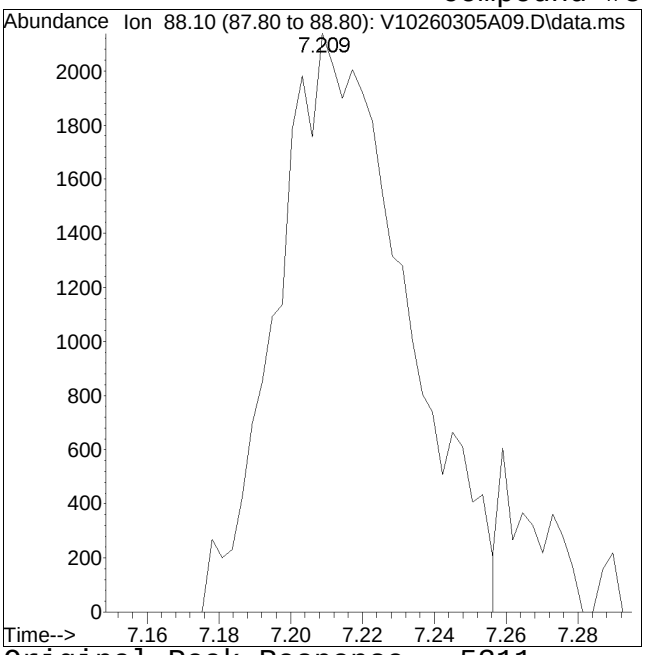
Original Peak Response = 5464 Manual Peak Response = 5607 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

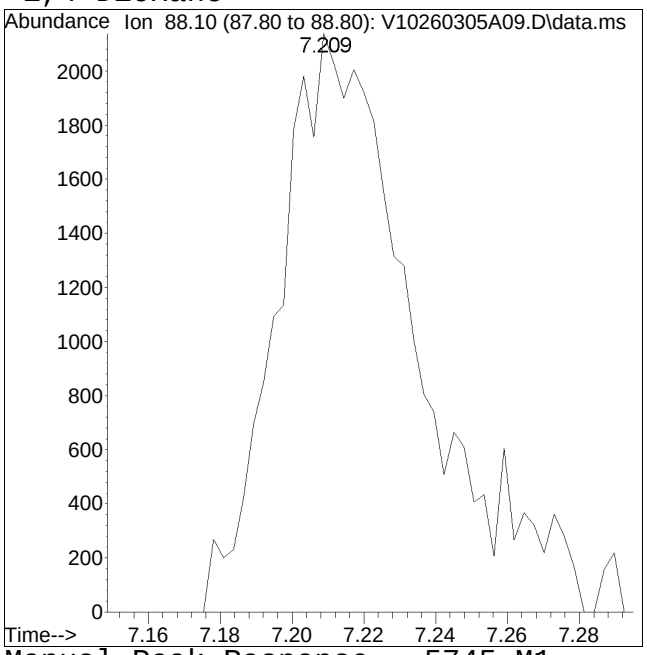
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A09.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 7:39 pm Instrument : VOA110
Sample : I8260STD4.0PPB Quant Date : 3/6/2026 11:24 am

Compound #57: 1,4-Dioxane



Original Peak Response = 5311



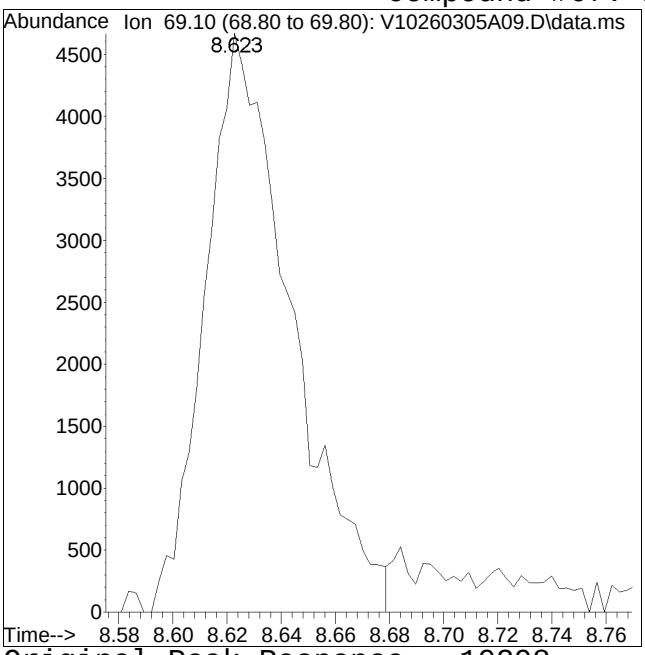
Manual Peak Response = 5745 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

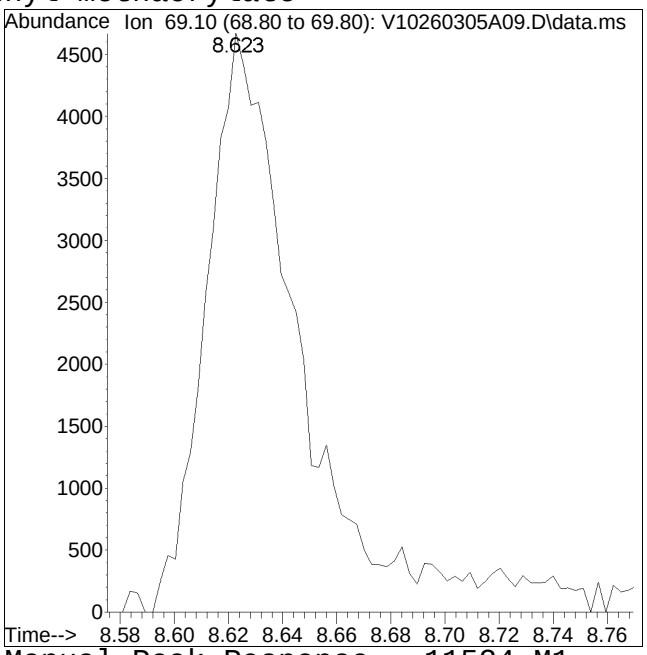
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A09.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 7:39 pm Instrument : VOA110
Sample : I8260STD4.0PPB Quant Date : 3/6/2026 11:24 am

Compound #67: Ethyl methacrylate



Original Peak Response = 10298



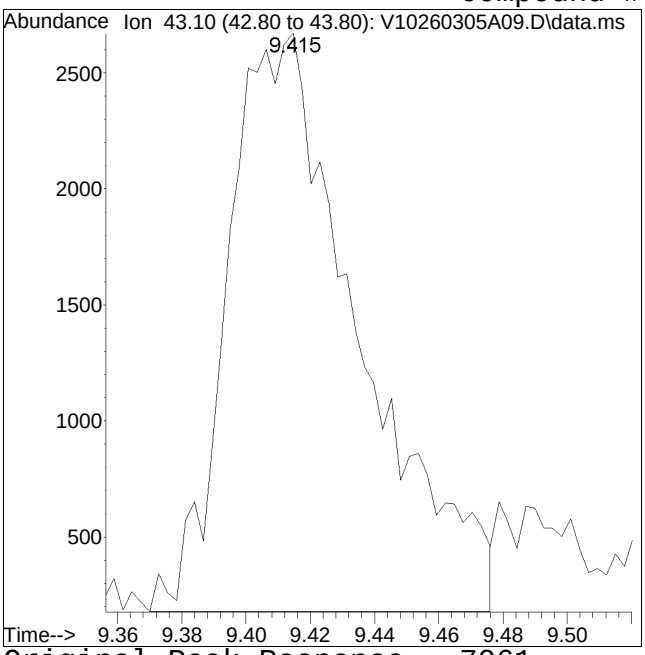
Manual Peak Response = 11524 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

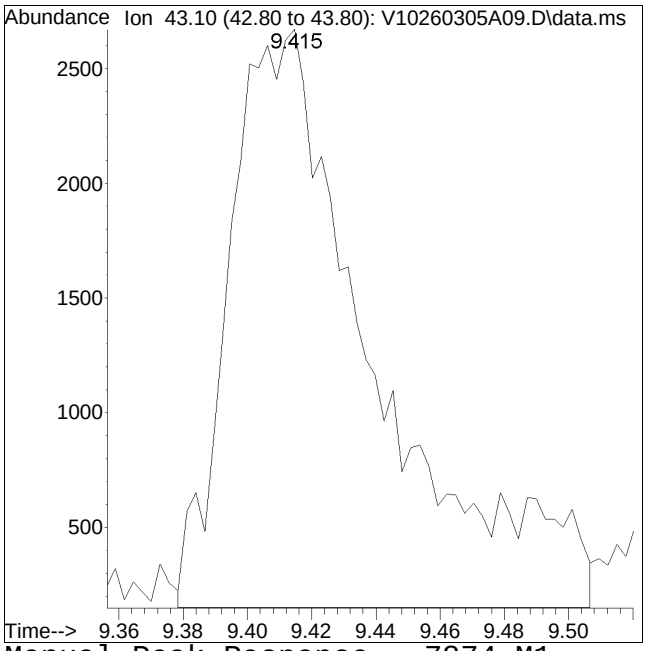
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A09.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 7:39 pm Instrument : VOA110
Sample : I8260STD4.0PPB Quant Date : 3/6/2026 11:24 am

Compound #72: 2-Hexanone



Original Peak Response = 7061



Manual Peak Response = 7874 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A10.D
Acq On : 5 Mar 2026 8:07 pm
Operator : VOA110:JIC
Sample : I8260STD20PPB
Misc : WG2182226,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 06 13:11:31 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.196	96	159001	20.000	ug/L	0.00
Standard Area 1 = 163785			Recovery = 97.08%			
59) Chlorobenzene-d5	9.746	117	129351	20.000	ug/L	0.00
Standard Area 1 = 132630			Recovery = 97.53%			
79) 1,4-Dichlorobenzene-d4	12.410	152	72609	20.000	ug/L	0.00
Standard Area 1 = 74236			Recovery = 97.81%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.377	113	40777	20.567	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.84%			
43) 1,2-Dichloroethane-d4	5.912	65	42909	20.386	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.93%			
60) Toluene-d8	7.895	98	155899	19.904	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.52%			
83) 4-Bromofluorobenzene	11.216	95	63586	20.084	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.737	85	24313	21.385	ug/L	99
3) Chloromethane	1.933	50	47593	21.041	ug/L	97
4) Vinyl chloride	2.011	62	41016	21.195	ug/L	100
5) Bromomethane	2.337	94	22354	20.710	ug/L	92
6) Chloroethane	2.462	64	27881	20.399	ug/L	96
7) Trichlorofluoromethane	2.605	101	42383	21.143	ug/L	98
8) Ethyl ether	2.909	74	23026	19.918	ug/L	87
10) 1,1-Dichloroethene	3.101	96	30022	20.423	ug/L	100
11) Carbon disulfide	3.137	76	103699	20.580	ug/L	99
12) Freon-113	3.137	101	28112	21.303	ug/L #	8
14) Acrolein	3.427	56	4074M3	20.434	ug/L	
15) Methylene chloride	3.662	84	36928	20.306	ug/L	91
17) Acetone	3.715	43	19608	20.680	ug/L #	21
18) trans-1,2-Dichloroethene	3.818	96	35874	20.600	ug/L	98
19) Methyl acetate	3.829	43	40372	19.516	ug/L #	92
20) Methyl tert-butyl ether	3.924	73	115994	19.666	ug/L	93
21) tert-Butyl alcohol	4.016	59	42751	107.526	ug/L	94
22) Diisopropyl ether	4.283	45	160279	19.652	ug/L	93
23) 1,1-Dichloroethane	4.409	63	73921	20.558	ug/L	99
24) Halothane	4.459	117	28166	20.713	ug/L	99
25) Acrylonitrile	4.462	53	19200M1	20.220	ug/L	

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A10.D
Acq On : 5 Mar 2026 8:07 pm
Operator : VOA110:JIC
Sample : I8260STD20PPB
Misc : WG2182226,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 06 13:11:31 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.632	59	135855	19.732	ug/L		86
27) Vinyl acetate	4.649	43	130739	19.469	ug/L	#	93
28) cis-1,2-Dichloroethene	4.936	96	41793	20.250	ug/L		91
29) 2,2-Dichloropropane	5.039	77	54996	21.011	ug/L		97
30) Bromochloromethane	5.131	128	20536	20.448	ug/L		90
31) Cyclohexane	5.137	56	68661	21.790	ug/L		93
32) Chloroform	5.198	83	63910	20.425	ug/L		99
33) Ethyl acetate	5.312	43	56582	18.870	ug/L		98
34) Carbon tetrachloride	5.338	117	45383	20.849	ug/L		98
35) Tetrahydrofuran	5.365	42	21225M1	20.652	ug/L		
37) 1,1,1-Trichloroethane	5.407	97	51824	20.843	ug/L		99
39) 2-Butanone	5.502	43	26550	19.934	ug/L	#	6
40) 1,1-Dichloropropene	5.530	75	46802	20.494	ug/L		97
41) Benzene	5.775	78	148783	20.188	ug/L		96
42) tert-Amyl methyl ether	5.887	73	115557	20.399	ug/L		96
44) 1,2-Dichloroethane	5.982	62	51443	20.299	ug/L		99
47) Methyl cyclohexane	6.364	83	59678	21.672	ug/L		87
48) Trichloroethene	6.378	95	37214	20.168	ug/L		92
50) Dibromomethane	6.821	93	23187	20.582	ug/L	#	84
51) 1,2-Dichloropropane	6.922	63	44981	20.849	ug/L		97
53) 2-Chloroethyl vinyl ether	7.613	63	30058	20.485	ug/L		92
54) Bromodichloromethane	6.988	83	55593	21.967	ug/L		99
57) 1,4-Dioxane	7.209	88	26671	993.203	ug/L		92
58) cis-1,3-Dichloropropene	7.683	75	68727	20.965	ug/L		94
61) Toluene	7.953	92	95427	20.685	ug/L		99
62) 4-Methyl-2-pentanone	8.388	58	20555	20.820	ug/L		89
63) Tetrachloroethene	8.405	166	37962	20.961	ug/L		95
65) trans-1,3-Dichloropropene	8.436	75	62697	21.207	ug/L		99
67) Ethyl methacrylate	8.620	69	58641	21.414	ug/L		95
68) 1,1,2-Trichloroethane	8.623	83	31798	21.816	ug/L		95
69) Chlorodibromomethane	8.835	129	46374	22.216	ug/L		98
70) 1,3-Dichloropropane	8.946	76	64661	20.907	ug/L		99
71) 1,2-Dibromoethane	9.113	107	38130	21.163	ug/L		98
72) 2-Hexanone	9.401	43	41706	20.903	ug/L	#	90
73) Chlorobenzene	9.769	112	114665	21.410	ug/L	#	89
74) Ethylbenzene	9.802	91	184724	21.561	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.847	131	43497	21.535	ug/L		97
76) p/m Xylene	9.989	106	149427	43.267	ug/L		95
77) o Xylene	10.522	106	150377	43.563	ug/L		95
78) Styrene	10.586	104	260270	43.387	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A10.D
Acq On : 5 Mar 2026 8:07 pm
Operator : VOA110:JIC
Sample : I8260STD20PPB
Misc : WG2182226,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 06 13:11:31 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.608	173	30744	21.467	ug/L	100
82) Isopropylbenzene	10.893	105	188635	21.996	ug/L	98
84) Bromobenzene	11.328	156	50869	21.587	ug/L	98
85) n-Propylbenzene	11.367	91	222129	21.906	ug/L	98
86) 1,4-Dichlorobutane	11.386	55	83689	21.903	ug/L	97
87) 1,1,2,2-Tetrachloroethane	11.447	83	56969	22.216	ug/L	98
88) 4-Ethyltoluene	11.489	105	189858	21.729	ug/L	99
89) 2-Chlorotoluene	11.537	91	136069M3	22.350	ug/L	
90) 1,3,5-Trimethylbenzene	11.584	105	159640	21.620	ug/L	95
91) 1,2,3-Trichloropropane	11.590	75	43458	22.120	ug/L	98
92) trans-1,4-Dichloro-2-b...	11.640	53	19642	22.000	ug/L	89
93) 4-Chlorotoluene	11.715	91	139422	21.687	ug/L	91
94) tert-Butylbenzene	11.922	119	146178	22.124	ug/L	97
97) 1,2,4-Trimethylbenzene	12.000	105	162562	21.812	ug/L	95
98) sec-Butylbenzene	12.111	105	206125	21.984	ug/L	95
99) p-Isopropyltoluene	12.262	119	192393	22.104	ug/L	96
100) 1,3-Dichlorobenzene	12.334	146	101012	22.031	ug/L	98
101) 1,4-Dichlorobenzene	12.426	146	103214	22.322	ug/L	99
102) p-Diethylbenzene	12.633	119	117759	21.915	ug/L	94
103) n-Butylbenzene	12.691	91	164300	21.884	ug/L	97
104) 1,2-Dichlorobenzene	12.850	146	97124	21.927	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.422	119	186723	21.607	ug/L	94
106) 1,2-Dibromo-3-chloropr...	13.623	155	11558	22.104	ug/L	97
107) 1,3,5-Trichlorobenzene	13.653	180	71834	21.916	ug/L	94
108) Hexachlorobutadiene	14.225	225	29820	21.127	ug/L	100
109) 1,2,4-Trichlorobenzene	14.250	180	67224	21.665	ug/L	96
110) Naphthalene	14.543	128	188184	21.097	ug/L	100
111) 1,2,3-Trichlorobenzene	14.713	180	62568	21.404	ug/L	97

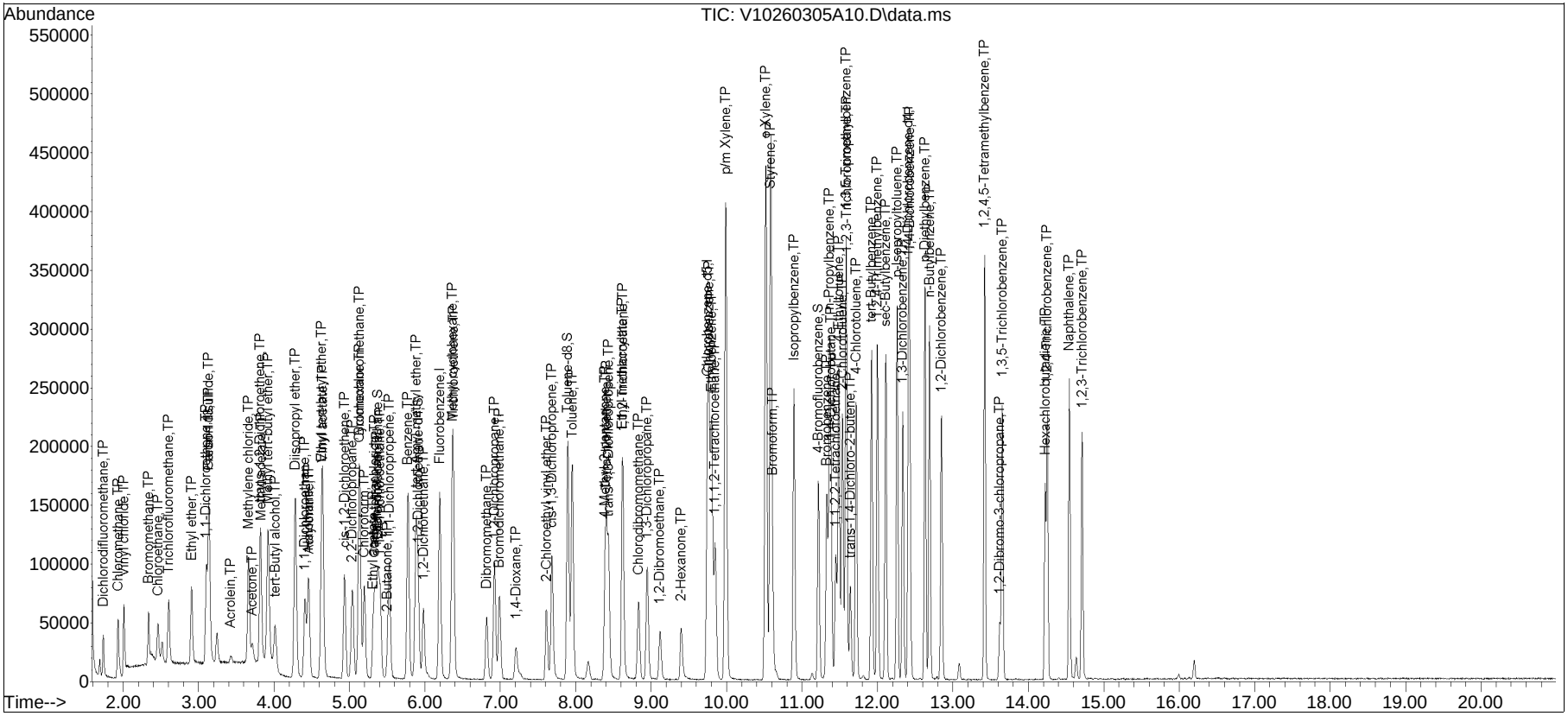
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A10.D
Acq On : 5 Mar 2026 8:07 pm
Operator : VOA110:JIC
Sample : I8260STD20PPB
Misc : WG2182226,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 06 13:11:31 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

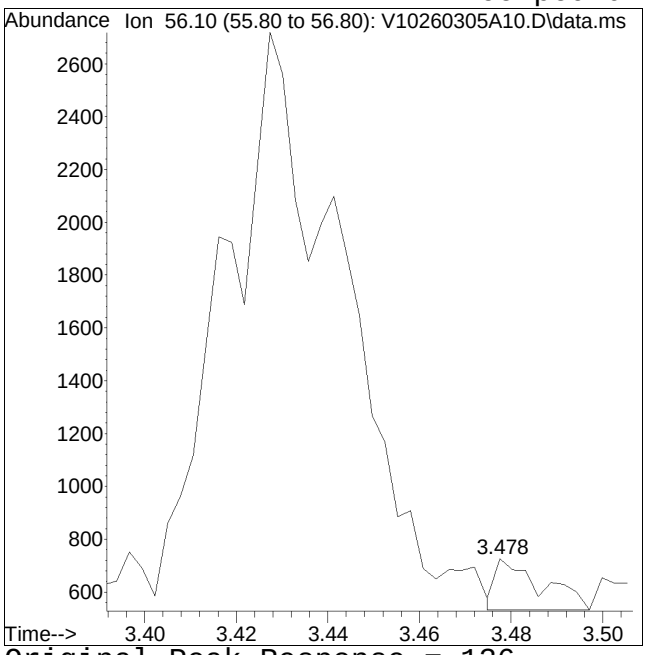
Sub List : 8260-CurveSoil - Megamix plus Diox60305A11.D•



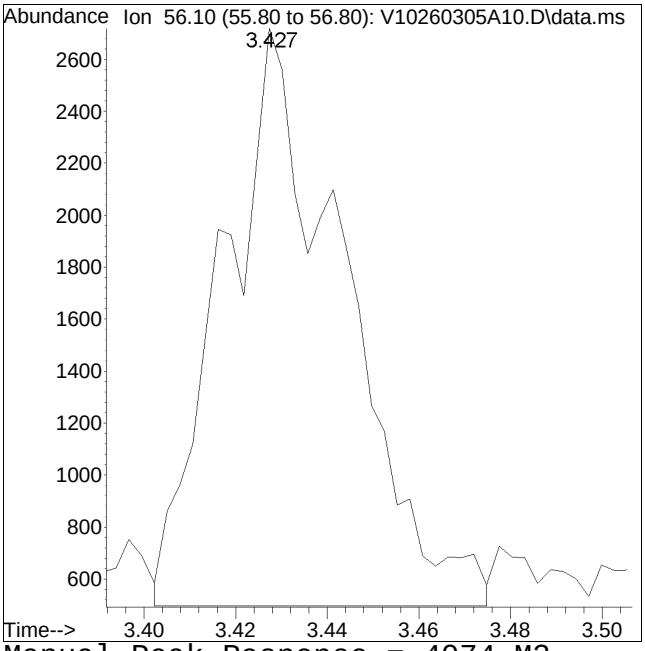
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A10.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 8:07 pm Instrument : VOA110
Sample : I8260STD20PPB Quant Date : 3/6/2026 11:25 am

Compound #14: Acrolein



Original Peak Response = 136



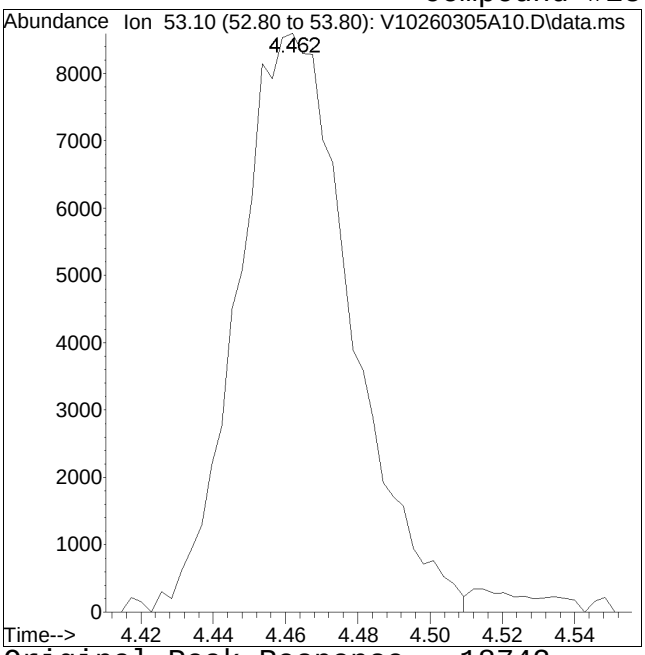
Manual Peak Response = 4074 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

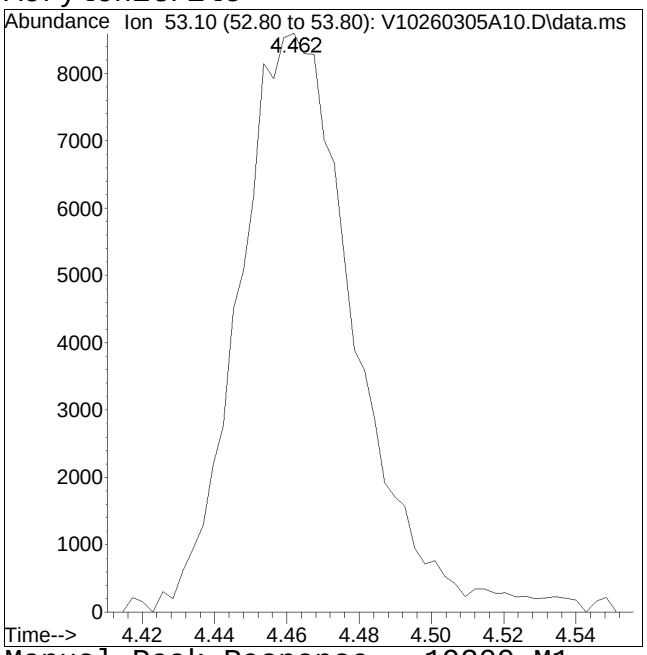
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A10.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 8:07 pm Instrument : VOA110
Sample : I8260STD20PPB Quant Date : 3/6/2026 11:25 am

Compound #25: Acrylonitrile



Original Peak Response = 18742



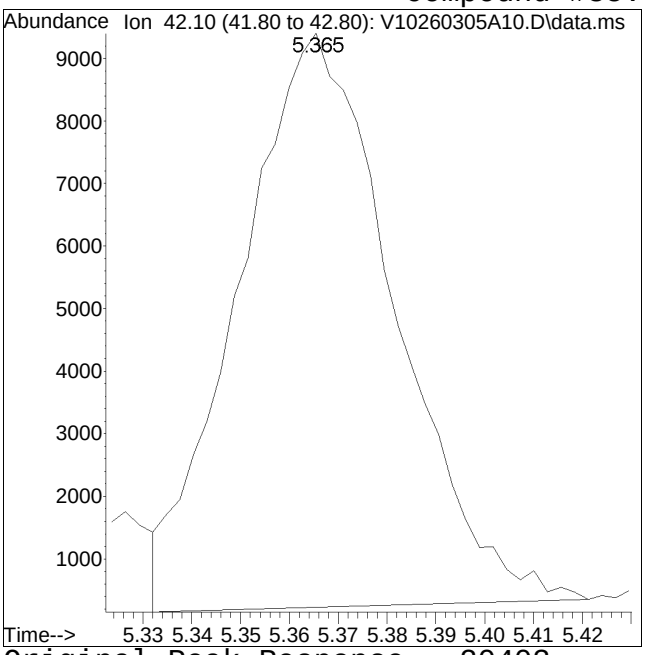
Manual Peak Response = 19200 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

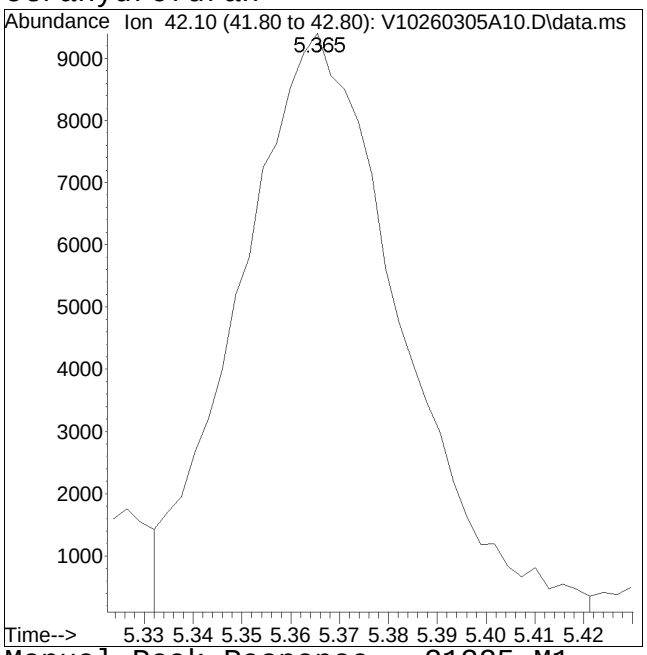
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A10.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 8:07 pm Instrument : VOA110
Sample : I8260STD20PPB Quant Date : 3/6/2026 11:25 am

Compound #35: Tetrahydrofuran



Original Peak Response = 20403



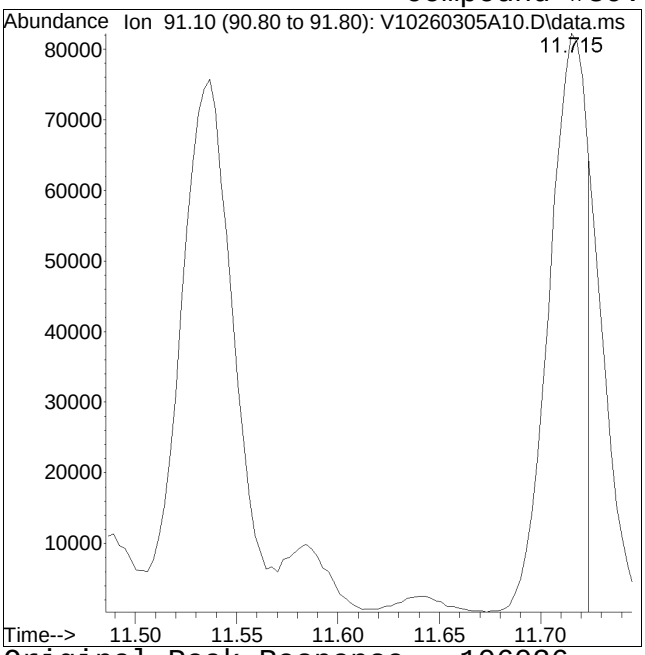
Manual Peak Response = 21225 M1

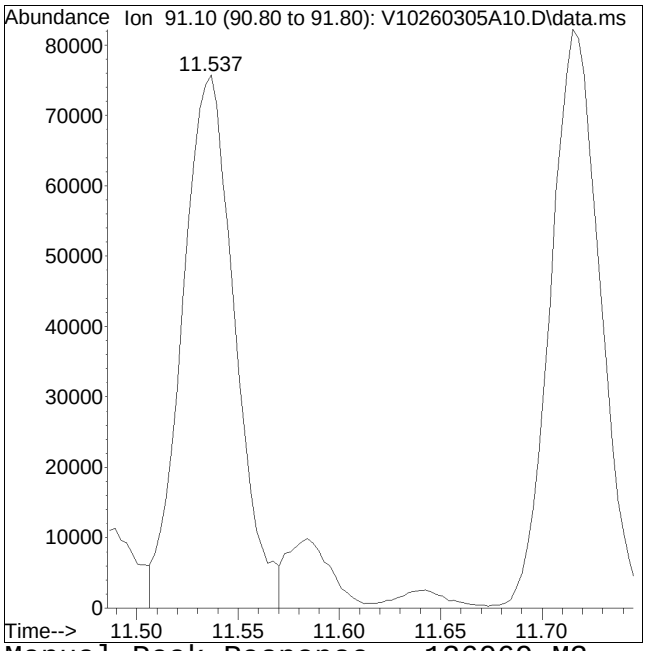
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A10.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 8:07 pm Instrument : VOA110
Sample : I8260STD20PPB Quant Date : 3/6/2026 11:25 am

Compound #89: 2-Chlorotoluene





Original Peak Response = 106036 Manual Peak Response = 136069 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A11.D
Acq On : 5 Mar 2026 8:34 pm
Operator : VOA110:JIC
Sample : I8260STD40PPB
Misc : WG2182226,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 06 12:22:55 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 13 10:39:21 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.197	96	163785	20.000	ug/L	0.00
Standard Area 1 = 163785			Recovery = 100.00%			
59) Chlorobenzene-d5	9.749	117	132630	20.000	ug/L	0.00
Standard Area 1 = 132630			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.412	152	74236	20.000	ug/L	0.00
Standard Area 1 = 74236			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.379	113	40845	16.916	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 84.58%			
43) 1,2-Dichloroethane-d4	5.912	65	43363	19.403	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.02%			
60) Toluene-d8	7.895	98	160625	23.028	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 115.14%			
83) 4-Bromofluorobenzene	11.219	95	64740	21.038	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.19%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.735	85	46844	16.929	ug/L	99
3) Chloromethane	1.933	50	93197	23.388	ug/L	99
4) Vinyl chloride	2.011	62	79736	27.218	ug/L	98
5) Bromomethane	2.337	94	44474	25.652	ug/L	93
6) Chloroethane	2.460	64	56317	32.582	ug/L	96
7) Trichlorofluoromethane	2.602	101	82598	26.368	ug/L	99
8) Ethyl ether	2.909	74	47632	33.510	ug/L	88
10) 1,1-Dichloroethene	3.104	96	60571	27.977	ug/L	96
11) Carbon disulfide	3.137	76	207621	29.344	ug/L	100
12) Freon-113	3.140	101	54372	27.479	ug/L #	3
14) Acrolein	3.433	56	8215M1	20.475	ug/L	
15) Methylene chloride	3.662	84	74931	26.373	ug/L	90
17) Acetone	3.717	43	39068	27.799	ug/L #	25
18) trans-1,2-Dichloroethene	3.818	96	71753	25.874	ug/L	99
19) Methyl acetate	3.826	43	85236	28.347	ug/L #	92
20) Methyl tert-butyl ether	3.924	73	243031	33.514	ug/L	95
21) tert-Butyl alcohol	4.019	59	81910	182.486	ug/L #	87
22) Diisopropyl ether	4.284	45	336050	31.639	ug/L	93
23) 1,1-Dichloroethane	4.409	63	148154	30.703	ug/L	99
24) Halothane	4.456	117	56029	28.084	ug/L	99
25) Acrylonitrile	4.459	53	39125	35.263	ug/L #	93

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A11.D
Acq On : 5 Mar 2026 8:34 pm
Operator : VOA110:JIC
Sample : I8260STD40PPB
Misc : WG2182226,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 06 12:22:55 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 13 10:39:21 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.638	59	283685	33.727	ug/L		85
27) Vinyl acetate	4.649	43	276697	35.205	ug/L	#	93
28) cis-1,2-Dichloroethene	4.939	96	85036	28.040	ug/L		91
29) 2,2-Dichloropropane	5.042	77	107849	32.684	ug/L		97
30) Bromochloromethane	5.128	128	41381	27.499	ug/L		90
31) Cyclohexane	5.134	56	129834	29.622	ug/L		90
32) Chloroform	5.195	83	128924	28.275	ug/L		99
33) Ethyl acetate	5.313	43	123550	32.279	ug/L	#	97
34) Carbon tetrachloride	5.343	117	89689	26.948	ug/L		97
35) Tetrahydrofuran	5.366	42	42346	32.625	ug/L	#	86
37) 1,1,1-Trichloroethane	5.407	97	102450	28.199	ug/L		99
39) 2-Butanone	5.499	43	54879	31.945	ug/L	#	6
40) 1,1-Dichloropropene	5.527	75	94095	32.250	ug/L		97
41) Benzene	5.778	78	303668	30.716	ug/L		95
42) tert-Amyl methyl ether	5.881	73	233412	31.847	ug/L		95
44) 1,2-Dichloroethane	5.982	62	104421	29.476	ug/L		99
47) Methyl cyclohexane	6.367	83	113462	26.644	ug/L		87
48) Trichloroethene	6.375	95	76030	29.956	ug/L		94
50) Dibromomethane	6.816	93	46419	28.168	ug/L	#	86
51) 1,2-Dichloropropane	6.924	63	88895	33.050	ug/L		96
53) 2-Chloroethyl vinyl ether	7.610	63	60459	36.358	ug/L		93
54) Bromodichloromethane	6.989	83	104277	29.037	ug/L		99
57) 1,4-Dioxane	7.206	88	55323M1	1756.774	ug/L		
58) cis-1,3-Dichloropropene	7.686	75	135072	35.043	ug/L		96
61) Toluene	7.956	92	189212	39.687	ug/L		99
62) 4-Methyl-2-pentanone	8.386	58	40491	49.014	ug/L		86
63) Tetrachloroethene	8.405	166	74278	39.038	ug/L		95
65) trans-1,3-Dichloropropene	8.436	75	121256	49.476	ug/L		98
67) Ethyl methacrylate	8.620	69	112316	50.379	ug/L		95
68) 1,1,2-Trichloroethane	8.623	83	59781	42.319	ug/L		95
69) Chlorodibromomethane	8.832	129	85613	40.475	ug/L		97
70) 1,3-Dichloropropane	8.946	76	126845	43.688	ug/L		99
71) 1,2-Dibromoethane	9.119	107	73895	40.092	ug/L		98
72) 2-Hexanone	9.395	43	81832	43.662	ug/L		96
73) Chlorobenzene	9.766	112	219662	38.068	ug/L		90
74) Ethylbenzene	9.802	91	351388	41.541	ug/L		97
75) 1,1,1,2-Tetrachloroethane	9.850	131	82842	42.100	ug/L		97
76) p/m Xylene	9.989	106	283293	82.038	ug/L		96
77) o Xylene	10.522	106	283156	81.724	ug/L		95
78) Styrene	10.583	104	492074	86.117	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A11.D
Acq On : 5 Mar 2026 8:34 pm
Operator : VOA110:JIC
Sample : I8260STD40PPB
Misc : WG2182226,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 06 12:22:55 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 13 10:39:21 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.608	173	58570	46.838	ug/L	98
82) Isopropylbenzene	10.893	105	350718	40.975	ug/L	97
84) Bromobenzene	11.330	156	96372	43.731	ug/L	100
85) n-Propylbenzene	11.364	91	414702	43.545	ug/L	97
86) 1,4-Dichlorobutane	11.386	55	156262	50.351	ug/L	97
87) 1,1,2,2-Tetrachloroethane	11.448	83	104870	42.879	ug/L	97
88) 4-Ethyltoluene	11.487	105	357325	41.779	ug/L	99
89) 2-Chlorotoluene	11.537	91	248983M3	42.796	ug/L	
90) 1,3,5-Trimethylbenzene	11.584	105	301981	41.575	ug/L	96
91) 1,2,3-Trichloropropane	11.590	75	80346	43.895	ug/L	98
92) trans-1,4-Dichloro-2-b...	11.643	53	36513	48.990	ug/L	93
93) 4-Chlorotoluene	11.715	91	262920	43.084	ug/L	92
94) tert-Butylbenzene	11.922	119	270205	42.401	ug/L	97
97) 1,2,4-Trimethylbenzene	11.997	105	304801	42.398	ug/L	96
98) sec-Butylbenzene	12.108	105	383454	41.587	ug/L	95
99) p-Isopropyltoluene	12.262	119	355954	43.058	ug/L	96
100) 1,3-Dichlorobenzene	12.334	146	187506	42.879	ug/L	98
101) 1,4-Dichlorobenzene	12.426	146	189097	41.260	ug/L	98
102) p-Diethylbenzene	12.630	119	219754	44.416	ug/L	94
103) n-Butylbenzene	12.691	91	307045	44.034	ug/L	98
104) 1,2-Dichlorobenzene	12.847	146	181148	43.084	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.422	119	353411	46.363	ug/L	95
106) 1,2-Dibromo-3-chloropr...	13.623	155	21384	49.439	ug/L	98
107) 1,3,5-Trichlorobenzene	13.656	180	134047	45.296	ug/L	94
108) Hexachlorobutadiene	14.222	225	57723	46.323	ug/L	97
109) 1,2,4-Trichlorobenzene	14.250	180	126894	47.782	ug/L	97
110) Naphthalene	14.543	128	364800	46.183	ug/L	100
111) 1,2,3-Trichlorobenzene	14.713	180	119549	45.930	ug/L	97

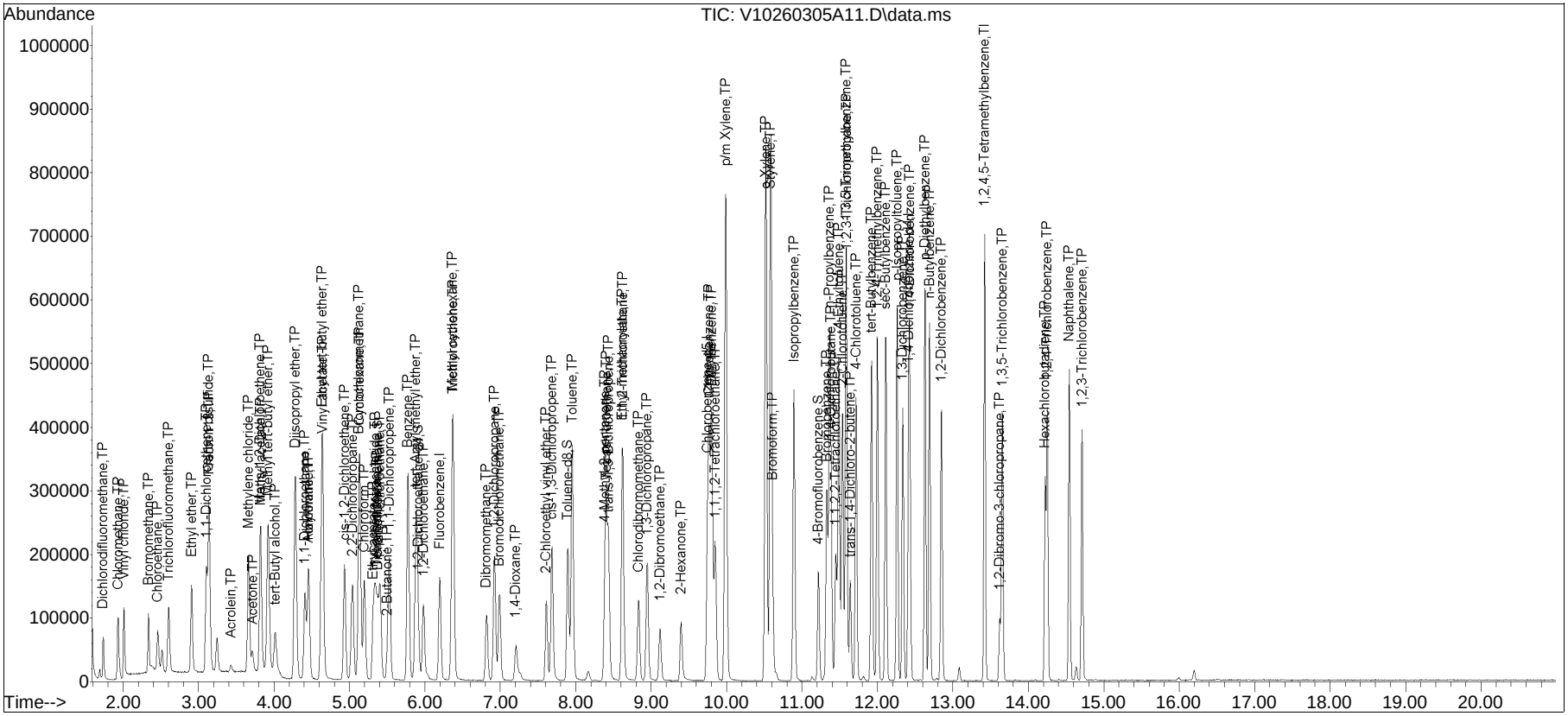
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A11.D
Acq On : 5 Mar 2026 8:34 pm
Operator : VOA110:JIC
Sample : I8260STD40PPB
Misc : WG2182226,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 06 12:22:55 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 13 10:39:21 2026
Response via : Initial Calibration

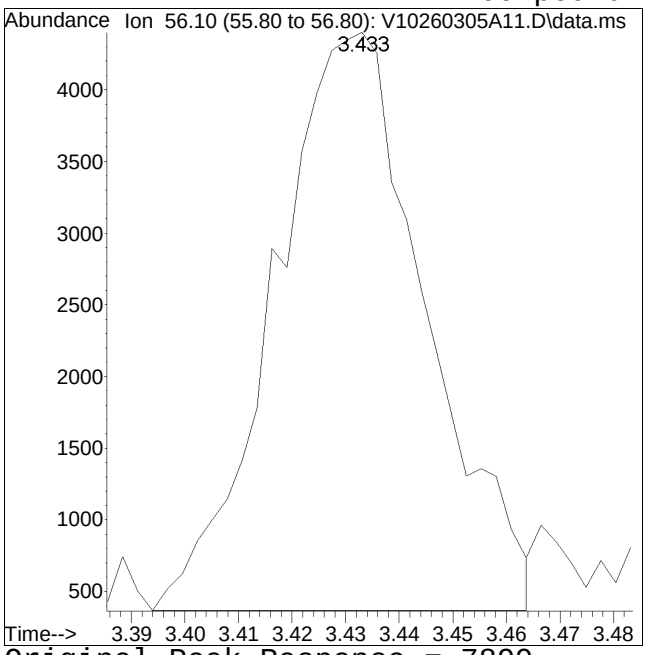
Sub List : 8260-CurveSoil - Megamix plus Diox60305A11.D•

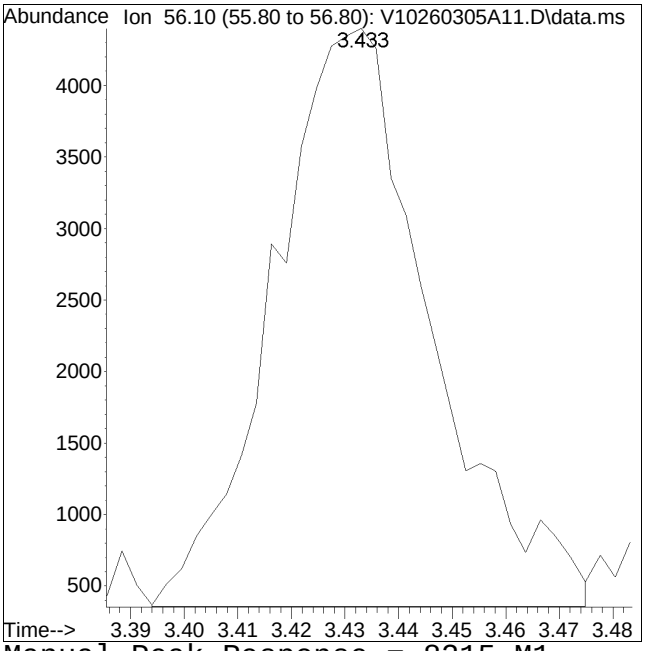


Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A11.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 8:34 pm Instrument : VOA110
Sample : I8260STD40PPB Quant Date : 3/6/2026 11:18 am

Compound #14: Acrolein



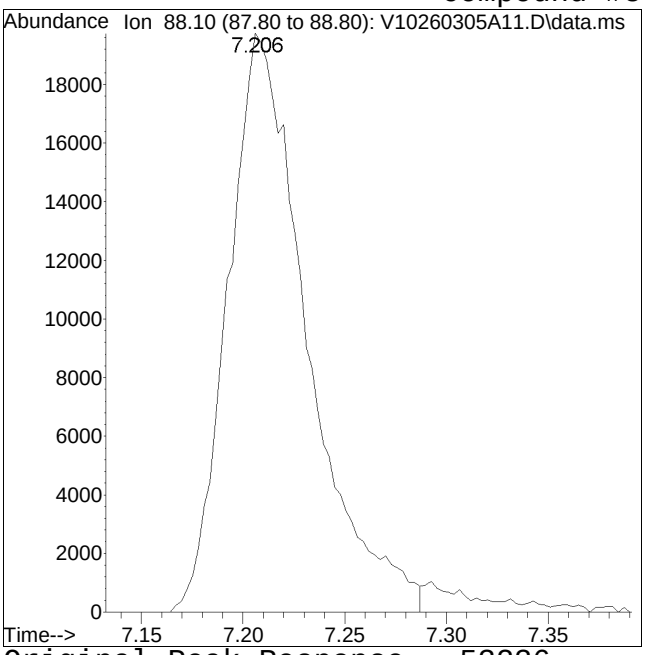


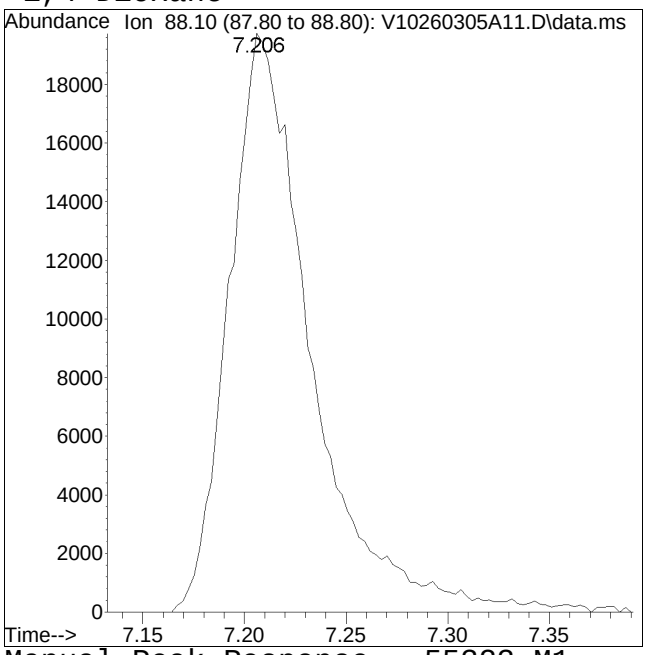
Original Peak Response = 7899 Manual Peak Response = 8215 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A11.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 8:34 pm Instrument : VOA110
Sample : I8260STD40PPB Quant Date : 3/6/2026 11:18 am

Compound #57: 1,4-Dioxane



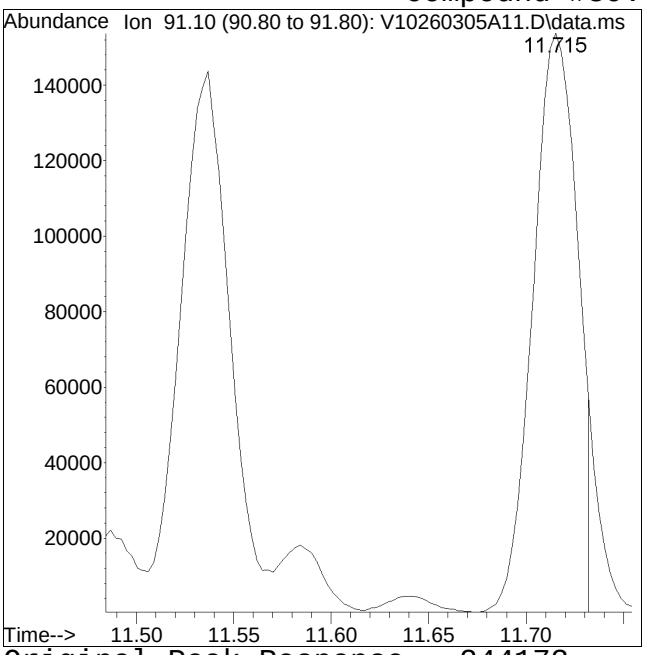


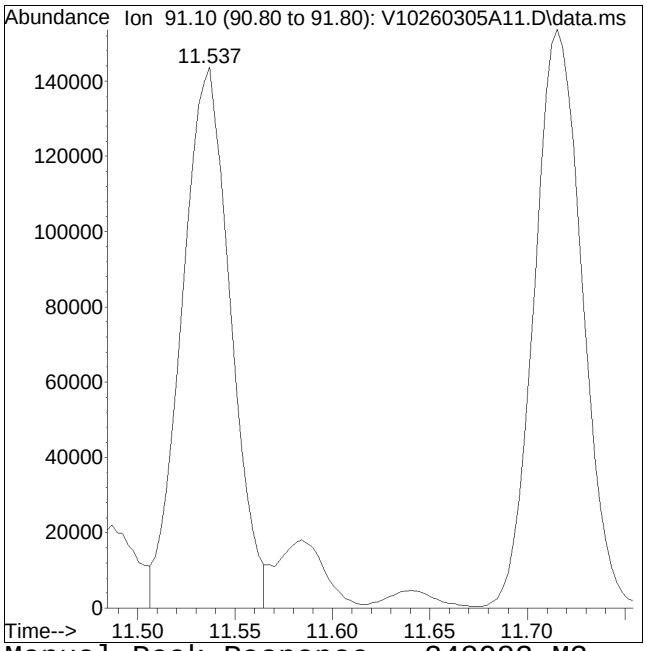
Original Peak Response = 53236 Manual Peak Response = 55323 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A11.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 8:34 pm Instrument : VOA110
Sample : I8260STD40PPB Quant Date : 3/6/2026 11:18 am

Compound #89: 2-Chlorotoluene





Original Peak Response = 244173 Manual Peak Response = 248983 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A12.D
Acq On : 5 Mar 2026 9:00 pm
Operator : VOA110:JIC
Sample : I8260STD100PPB
Misc : WG2182226,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 06 13:13:28 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.199	96	166357	20.000	ug/L	0.00
Standard Area 1 = 163785			Recovery = 101.57%			
59) Chlorobenzene-d5	9.749	117	133550	20.000	ug/L	0.00
Standard Area 1 = 132630			Recovery = 100.69%			
79) 1,4-Dichlorobenzene-d4	12.410	152	74389	20.000	ug/L	0.00
Standard Area 1 = 74236			Recovery = 100.21%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.374	113	41947	20.222	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.11%			
43) 1,2-Dichloroethane-d4	5.915	65	44714	20.304	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.52%			
60) Toluene-d8	7.895	98	162645	20.112	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.56%			
83) 4-Bromofluorobenzene	11.216	95	64633	19.926	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.63%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.738	85	116601	98.026	ug/L	98
3) Chloromethane	1.933	50	224686	94.944	ug/L	99
4) Vinyl chloride	2.011	62	199755	98.659	ug/L	98
5) Bromomethane	2.337	94	113530	100.530	ug/L	93
6) Chloroethane	2.451	64	136344	95.343	ug/L	97
7) Trichlorofluoromethane	2.602	101	217016	103.470	ug/L	99
8) Ethyl ether	2.909	74	120640	99.744	ug/L	88
10) 1,1-Dichloroethene	3.104	96	152683	99.270	ug/L	99
11) Carbon disulfide	3.135	76	529705	100.474	ug/L	100
12) Freon-113	3.140	101	149158	108.035	ug/L #	15
14) Acrolein	3.427	56	20117	96.438	ug/L	96
15) Methylene chloride	3.664	84	187581	98.587	ug/L	90
17) Acetone	3.715	43	98213	99.001	ug/L #	29
18) trans-1,2-Dichloroethene	3.821	96	182353	100.084	ug/L	99
19) Methyl acetate	3.832	43	220303	101.787	ug/L #	92
20) Methyl tert-butyl ether	3.921	73	623163	100.979	ug/L	94
21) tert-Butyl alcohol	4.016	59	218006	524.076	ug/L	97
22) Diisopropyl ether	4.284	45	879532	103.072	ug/L	93
23) 1,1-Dichloroethane	4.412	63	376936	100.195	ug/L	99
24) Halothane	4.454	117	145319	102.142	ug/L	100
25) Acrylonitrile	4.462	53	101789	102.457	ug/L #	93

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A12.D
Acq On : 5 Mar 2026 9:00 pm
Operator : VOA110:JIC
Sample : I8260STD100PPB
Misc : WG2182226,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 06 13:13:28 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.635	59	752538	104.468	ug/L		86
27) Vinyl acetate	4.646	43	724248	103.080	ug/L	#	93
28) cis-1,2-Dichloroethene	4.936	96	218610	101.242	ug/L		91
29) 2,2-Dichloropropane	5.036	77	277278	101.249	ug/L		98
30) Bromochloromethane	5.131	128	105549	100.449	ug/L		91
31) Cyclohexane	5.137	56	372910	113.112	ug/L		90
32) Chloroform	5.198	83	332621	101.604	ug/L		99
33) Ethyl acetate	5.313	43	323766	103.200	ug/L	#	96
34) Carbon tetrachloride	5.340	117	241932	106.230	ug/L		98
35) Tetrahydrofuran	5.363	42	107967	100.409	ug/L	#	87
37) 1,1,1-Trichloroethane	5.407	97	270109	103.829	ug/L		99
39) 2-Butanone	5.502	43	144888	103.973	ug/L	#	6
40) 1,1-Dichloropropene	5.527	75	248976	104.204	ug/L		97
41) Benzene	5.775	78	784868	101.787	ug/L		95
42) tert-Amyl methyl ether	5.887	73	630025	106.299	ug/L		95
44) 1,2-Dichloroethane	5.979	62	271952	102.565	ug/L		99
47) Methyl cyclohexane	6.367	83	333456	115.739	ug/L		86
48) Trichloroethene	6.375	95	197212	102.151	ug/L		93
50) Dibromomethane	6.818	93	122014	103.516	ug/L	#	86
51) 1,2-Dichloropropane	6.922	63	235380	104.276	ug/L		96
53) 2-Chloroethyl vinyl ether	7.610	63	164104	106.893	ug/L		93
54) Bromodichloromethane	6.989	83	277277	104.717	ug/L		100
57) 1,4-Dioxane	7.209	88	134907	4801.664	ug/L		92
58) cis-1,3-Dichloropropene	7.686	75	360027	104.969	ug/L		96
61) Toluene	7.953	92	505125	106.049	ug/L		99
62) 4-Methyl-2-pentanone	8.386	58	111801	109.684	ug/L		89
63) Tetrachloroethene	8.405	166	203883	109.038	ug/L		96
65) trans-1,3-Dichloropropene	8.433	75	327307	107.228	ug/L		99
67) Ethyl methacrylate	8.617	69	301677	106.699	ug/L		95
68) 1,1,2-Trichloroethane	8.620	83	159480	105.974	ug/L		96
69) Chlorodibromomethane	8.832	129	232621	107.936	ug/L		97
70) 1,3-Dichloropropane	8.949	76	331193	103.721	ug/L		100
71) 1,2-Dibromoethane	9.116	107	196977	105.891	ug/L		98
72) 2-Hexanone	9.392	43	224754	109.104	ug/L		95
73) Chlorobenzene	9.769	112	583105	105.451	ug/L		91
74) Ethylbenzene	9.799	91	948882	107.271	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.850	131	222545	106.715	ug/L		98
76) p/m Xylene	9.989	106	759189	212.913	ug/L		95
77) o Xylene	10.519	106	749977	210.431	ug/L		95
78) Styrene	10.586	104	1307767	211.148	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A12.D
Acq On : 5 Mar 2026 9:00 pm
Operator : VOA110:JIC
Sample : I8260STD100PPB
Misc : WG2182226,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 06 13:13:28 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.611	173	157172	107.119	ug/L	99
82) Isopropylbenzene	10.893	105	956901	108.912	ug/L	97
84) Bromobenzene	11.328	156	254952	105.602	ug/L	100
85) n-Propylbenzene	11.364	91	1122397	108.038	ug/L	97
86) 1,4-Dichlorobutane	11.383	55	416580	106.417	ug/L	96
87) 1,1,2,2-Tetrachloroethane	11.448	83	275951	105.038	ug/L	97
88) 4-Ethyltoluene	11.487	105	964256	107.720	ug/L	98
89) 2-Chlorotoluene	11.534	91	668077	107.108	ug/L	92
90) 1,3,5-Trimethylbenzene	11.584	105	823057	108.797	ug/L	96
91) 1,2,3-Trichloropropane	11.590	75	219011	108.810	ug/L	99
92) trans-1,4-Dichloro-2-b...	11.637	53	96734	105.754	ug/L	94
93) 4-Chlorotoluene	11.715	91	701497	106.505	ug/L	93
94) tert-Butylbenzene	11.922	119	742283	109.658	ug/L	97
97) 1,2,4-Trimethylbenzene	12.000	105	820011	107.391	ug/L	96
98) sec-Butylbenzene	12.108	105	1061293	110.481	ug/L	95
99) p-Isopropyltoluene	12.259	119	983298	110.270	ug/L	96
100) 1,3-Dichlorobenzene	12.334	146	495323	105.448	ug/L	98
101) 1,4-Dichlorobenzene	12.426	146	501282	105.819	ug/L	98
102) p-Diethylbenzene	12.630	119	598208	108.663	ug/L	95
103) n-Butylbenzene	12.688	91	843725	109.689	ug/L	97
104) 1,2-Dichlorobenzene	12.845	146	476565	105.016	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.419	119	937968	105.943	ug/L	94
106) 1,2-Dibromo-3-chloropr...	13.623	155	55934	104.413	ug/L	98
107) 1,3,5-Trichlorobenzene	13.653	180	357927	106.587	ug/L	94
108) Hexachlorobutadiene	14.225	225	159332	110.184	ug/L	99
109) 1,2,4-Trichlorobenzene	14.253	180	335223	105.453	ug/L	97
110) Naphthalene	14.540	128	952676	104.245	ug/L	100
111) 1,2,3-Trichlorobenzene	14.713	180	313536	104.691	ug/L	97

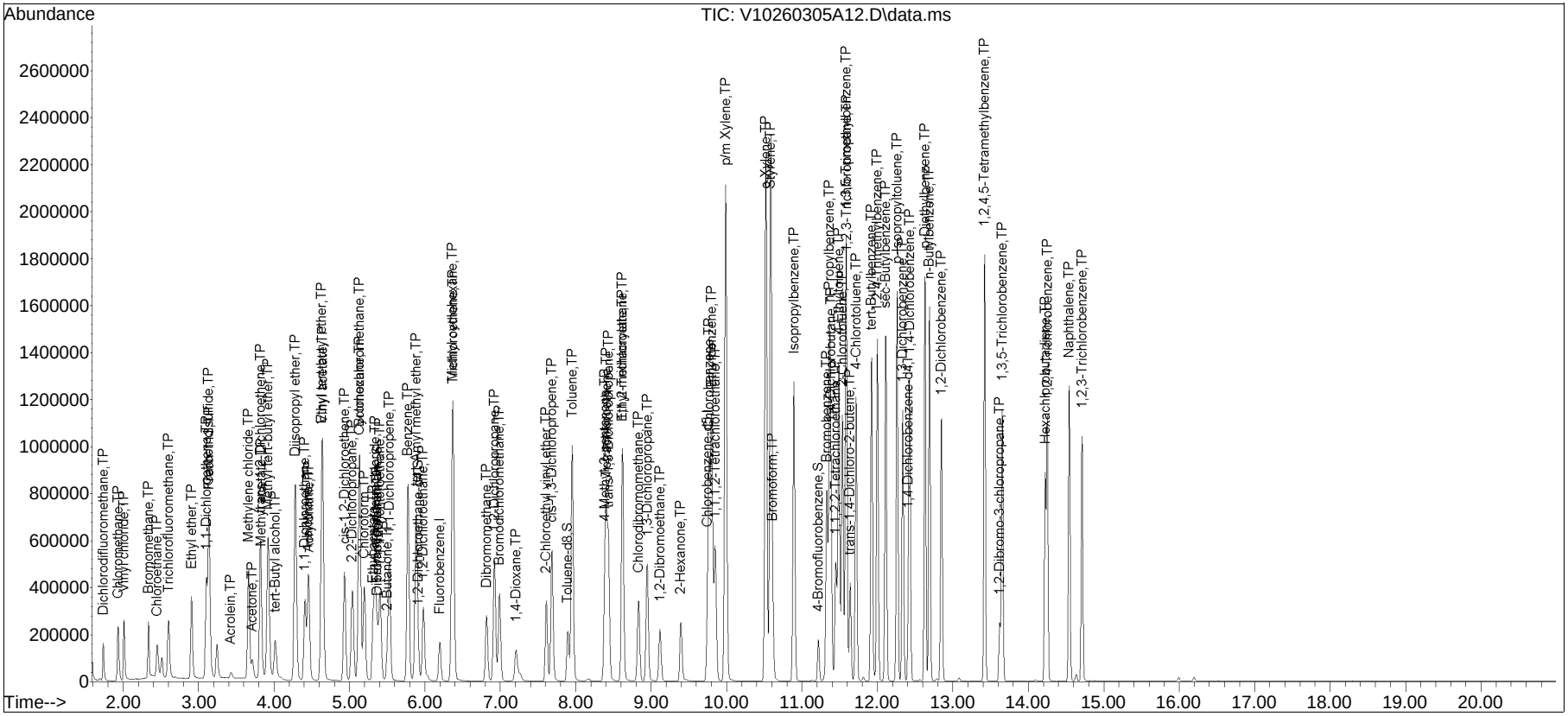
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A12.D
Acq On : 5 Mar 2026 9:00 pm
Operator : VOA110:JIC
Sample : I8260STD100PPB
Misc : WG2182226,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 06 13:13:28 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox60305A11.D•



Manual Integration Report

Data Path	: K:\VOA110\2026\260305ICAL\	QMethod	: V110_260305A_8260.m
Data File	: V10260305A12.D	Operator	: VOA110:JIC
Date Inj'd	: 3/5/2026 9:00 pm	Instrument	: VOA110
Sample	: I8260STD100PPB	Quant Date	: 3/6/2026 11:25 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A13.D
Acq On : 5 Mar 2026 9:27 pm
Operator : VOA110:JIC
Sample : I8260STD200PPB
Misc : WG2182226,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 06 13:15:09 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.199	96	173314	20.000	ug/L	0.00
Standard Area 1 = 163785			Recovery = 105.82%			
59) Chlorobenzene-d5	9.749	117	138905	20.000	ug/L	0.00
Standard Area 1 = 132630			Recovery = 104.73%			
79) 1,4-Dichlorobenzene-d4	12.412	152	76301	20.000	ug/L	0.00
Standard Area 1 = 74236			Recovery = 102.78%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.379	113	42869	19.837	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.19%			
43) 1,2-Dichloroethane-d4	5.915	65	47781	20.826	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.13%			
60) Toluene-d8	7.895	98	171332	20.369	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.85%			
83) 4-Bromofluorobenzene	11.219	95	65746	19.761	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.735	85	252056	203.397	ug/L	98
3) Chloromethane	1.933	50	476709	193.353	ug/L	98
4) Vinyl chloride	2.011	62	428636	203.205	ug/L	98
5) Bromomethane	2.334	94	248973	211.615	ug/L	93
6) Chloroethane	2.437	64	267411	179.490	ug/L	96
7) Trichlorofluoromethane	2.593	101	457896	209.555	ug/L	100
8) Ethyl ether	2.906	74	257153	204.077	ug/L	88
10) 1,1-Dichloroethene	3.101	96	323250	201.732	ug/L	99
11) Carbon disulfide	3.132	76	1128614	205.482	ug/L	100
12) Freon-113	3.137	101	314351	218.545	ug/L #	13
14) Acrolein	3.430	56	41550	191.189	ug/L	97
15) Methylene chloride	3.662	84	396290	199.918	ug/L	92
17) Acetone	3.715	43	205336	198.676	ug/L #	28
18) trans-1,2-Dichloroethene	3.818	96	385248	202.955	ug/L	99
19) Methyl acetate	3.829	43	479216	212.524	ug/L #	92
20) Methyl tert-butyl ether	3.924	73	1329072	206.722	ug/L	94
21) tert-Butyl alcohol	4.021	59	479254	1105.858	ug/L	98
22) Diisopropyl ether	4.281	45	1835636	206.482	ug/L	93
23) 1,1-Dichloroethane	4.409	63	787271	200.868	ug/L	99
24) Halothane	4.456	117	302701	204.221	ug/L	100
25) Acrylonitrile	4.462	53	212629	205.432	ug/L #	91

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A13.D
Acq On : 5 Mar 2026 9:27 pm
Operator : VOA110:JIC
Sample : I8260STD200PPB
Misc : WG2182226,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 06 13:15:09 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.635	59	1573623	209.684	ug/L		86
27) Vinyl acetate	4.649	43	1534986	209.701	ug/L	#	93
28) cis-1,2-Dichloroethene	4.933	96	449055	199.617	ug/L		90
29) 2,2-Dichloropropane	5.039	77	579858	203.239	ug/L		98
30) Bromochloromethane	5.128	128	219859	200.837	ug/L		91
31) Cyclohexane	5.134	56	787880	229.389	ug/L		91
32) Chloroform	5.195	83	690773	202.536	ug/L		99
33) Ethyl acetate	5.312	43	709902M1	217.198	ug/L		
34) Carbon tetrachloride	5.340	117	513009	216.215	ug/L		98
35) Tetrahydrofuran	5.365	42	245663M3	219.295	ug/L		
37) 1,1,1-Trichloroethane	5.404	97	565651	208.707	ug/L		99
39) 2-Butanone	5.499	43	320568	220.808	ug/L	#	5
40) 1,1-Dichloropropene	5.527	75	527324	211.842	ug/L		97
41) Benzene	5.775	78	1653348	205.810	ug/L		95
42) tert-Amyl methyl ether	5.887	73	1327737	215.025	ug/L		96
44) 1,2-Dichloroethane	5.982	62	569795	206.268	ug/L		99
47) Methyl cyclohexane	6.369	83	713283	237.636	ug/L		87
48) Trichloroethene	6.375	95	414345	206.005	ug/L		93
50) Dibromomethane	6.818	93	253946	206.798	ug/L	#	85
51) 1,2-Dichloropropane	6.921	63	481999	204.960	ug/L		96
53) 2-Chloroethyl vinyl ether	7.607	63	348393	217.826	ug/L		93
54) Bromodichloromethane	6.988	83	571772	207.269	ug/L		99
57) 1,4-Dioxane	7.211	88	298440M1	10195.811	ug/L		
58) cis-1,3-Dichloropropene	7.683	75	741147	207.415	ug/L		96
61) Toluene	7.953	92	1049883	211.922	ug/L		99
62) 4-Methyl-2-pentanone	8.385	58	239657	226.056	ug/L		89
63) Tetrachloroethene	8.405	166	426654	219.381	ug/L		95
65) trans-1,3-Dichloropropene	8.433	75	674458	212.440	ug/L		99
67) Ethyl methacrylate	8.620	69	640414	217.773	ug/L		96
68) 1,1,2-Trichloroethane	8.620	83	327004	208.917	ug/L		97
69) Chlorodibromomethane	8.832	129	480836	214.507	ug/L		97
70) 1,3-Dichloropropane	8.949	76	689343	207.561	ug/L		99
71) 1,2-Dibromoethane	9.116	107	409794	211.804	ug/L		97
72) 2-Hexanone	9.392	43	486428	227.028	ug/L		95
73) Chlorobenzene	9.769	112	1204082	209.356	ug/L		91
74) Ethylbenzene	9.802	91	1961048	213.150	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.850	131	458424	211.349	ug/L		98
76) p/m Xylene	9.989	106	1573302	424.219	ug/L		94
77) o Xylene	10.522	106	1548490	417.731	ug/L		94
78) Styrene	10.589	104	2717660	421.870	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A13.D
Acq On : 5 Mar 2026 9:27 pm
Operator : VOA110:JIC
Sample : I8260STD200PPB
Misc : WG2182226,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 06 13:15:09 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.611	173	330252	219.439	ug/L	99
82) Isopropylbenzene	10.892	105	1973535	218.993	ug/L	97
84) Bromobenzene	11.330	156	519960	209.973	ug/L	99
85) n-Propylbenzene	11.367	91	2307908	216.584	ug/L	97
86) 1,4-Dichlorobutane	11.386	55	869433	216.534	ug/L	97
87) 1,1,2,2-Tetrachloroethane	11.447	83	574656	213.256	ug/L	96
88) 4-Ethyltoluene	11.489	105	1966186	214.144	ug/L	98
89) 2-Chlorotoluene	11.537	91	1362845M3	213.020	ug/L	
90) 1,3,5-Trimethylbenzene	11.584	105	1690807	217.901	ug/L	96
91) 1,2,3-Trichloropropane	11.590	75	461182	223.384	ug/L	99
92) trans-1,4-Dichloro-2-b...	11.640	53	205895	219.454	ug/L	94
93) 4-Chlorotoluene	11.718	91	1429812	211.641	ug/L	92
94) tert-Butylbenzene	11.924	119	1515439	218.268	ug/L	97
97) 1,2,4-Trimethylbenzene	12.000	105	1665812	212.693	ug/L	95
98) sec-Butylbenzene	12.111	105	2166741	219.906	ug/L	95
99) p-Isopropyltoluene	12.262	119	2003106	219.005	ug/L	96
100) 1,3-Dichlorobenzene	12.334	146	1007502	209.110	ug/L	98
101) 1,4-Dichlorobenzene	12.426	146	1018224	209.557	ug/L	99
102) p-Diethylbenzene	12.633	119	1217984	215.699	ug/L	95
103) n-Butylbenzene	12.688	91	1715774	217.472	ug/L	97
104) 1,2-Dichlorobenzene	12.847	146	965975	207.528	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.422	119	1907551	210.059	ug/L	94
106) 1,2-Dibromo-3-chloropr...	13.623	155	119649	217.753	ug/L	99
107) 1,3,5-Trichlorobenzene	13.653	180	736047	213.694	ug/L	94
108) Hexachlorobutadiene	14.225	225	331499	223.500	ug/L	99
109) 1,2,4-Trichlorobenzene	14.250	180	692067	212.252	ug/L	97
110) Naphthalene	14.543	128	1992453	212.558	ug/L	100
111) 1,2,3-Trichlorobenzene	14.713	180	651530	212.096	ug/L	97

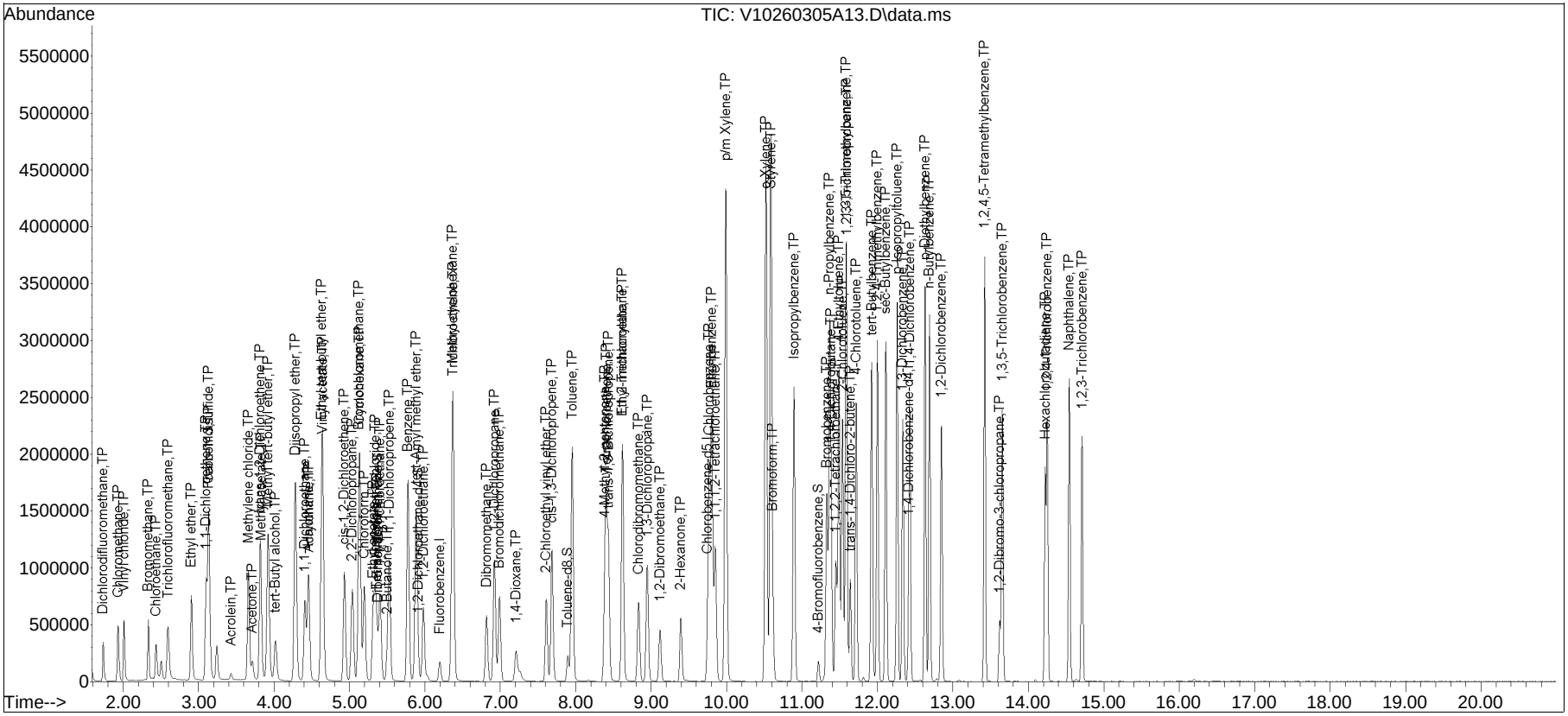
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A13.D
Acq On : 5 Mar 2026 9:27 pm
Operator : VOA110:JIC
Sample : I8260STD200PPB
Misc : WG2182226,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 06 13:15:09 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

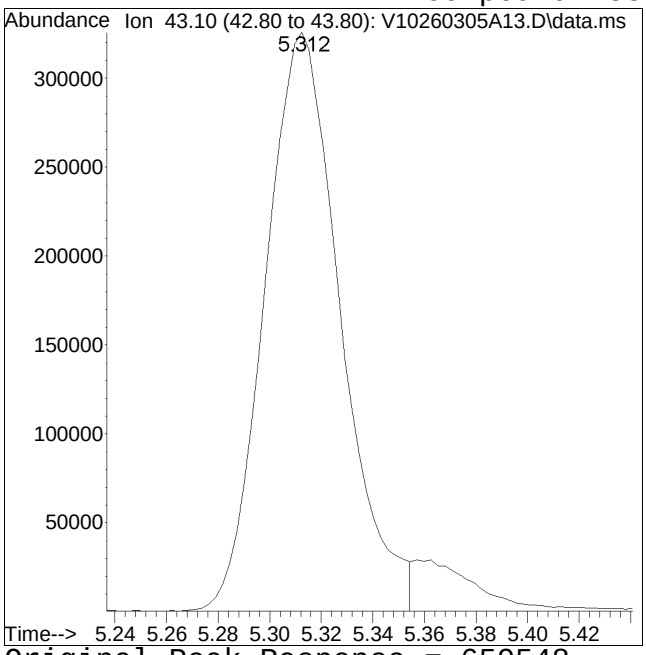
Sub List : 8260-CurveSoil - Megamix plus Diox60305A11.D•

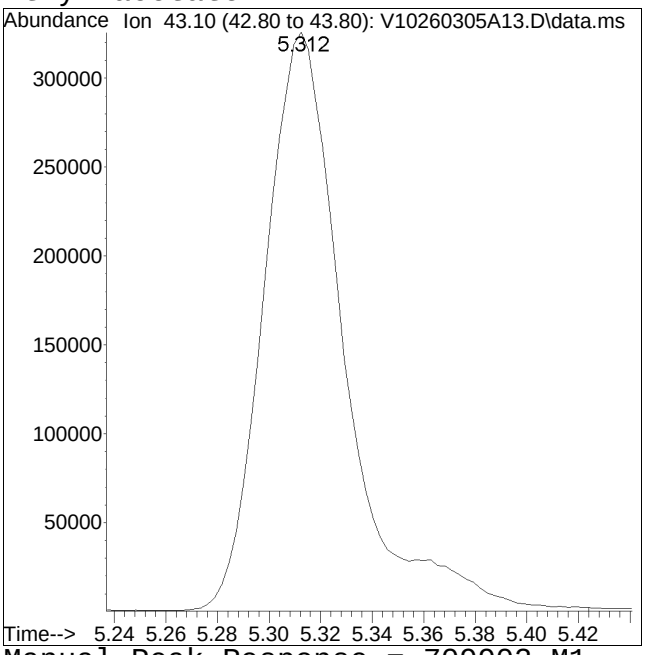


Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A13.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 9:27 pm Instrument : VOA110
Sample : I8260STD200PPB Quant Date : 3/6/2026 11:25 am

Compound #33: Ethyl acetate



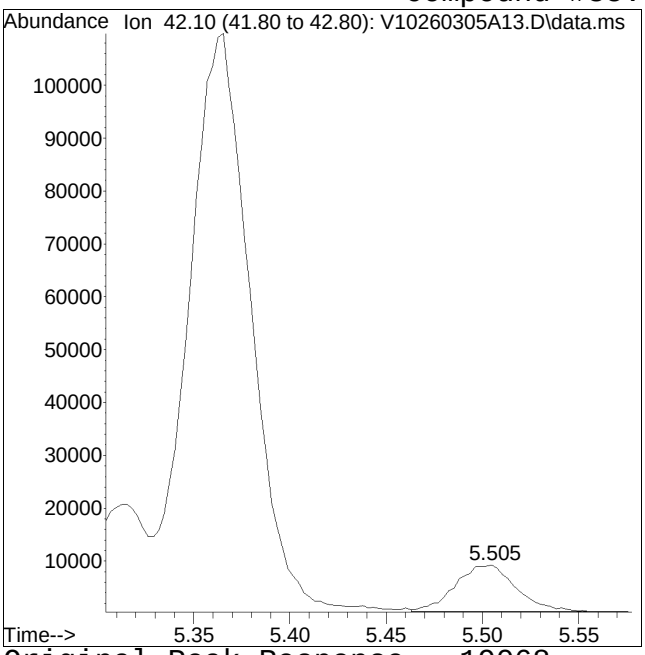


Original Peak Response = 659548 Manual Peak Response = 709902 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

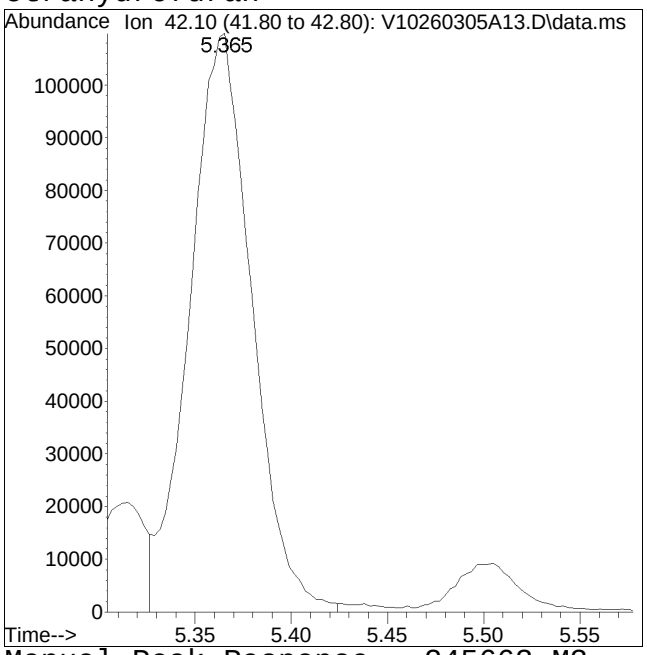
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A13.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 9:27 pm Instrument : VOA110
Sample : I8260STD200PPB Quant Date : 3/6/2026 11:25 am

Compound #35: Tetrahydrofuran



Original Peak Response = 19068



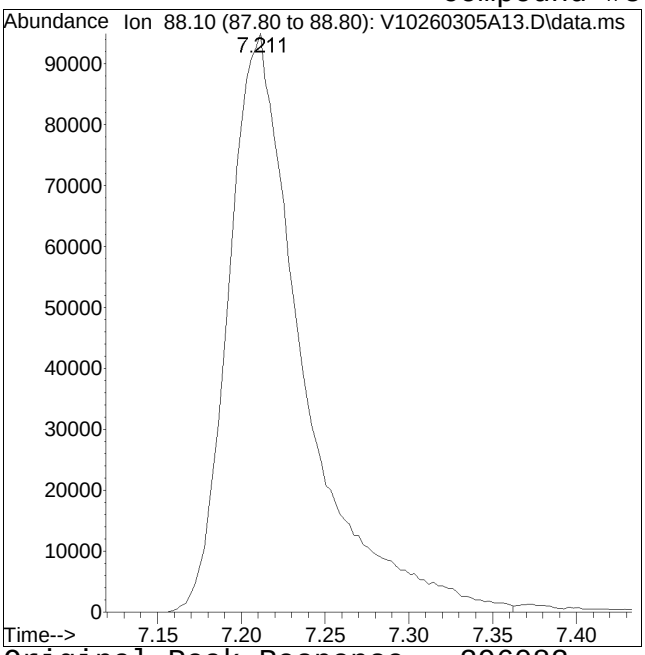
Manual Peak Response = 245663 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

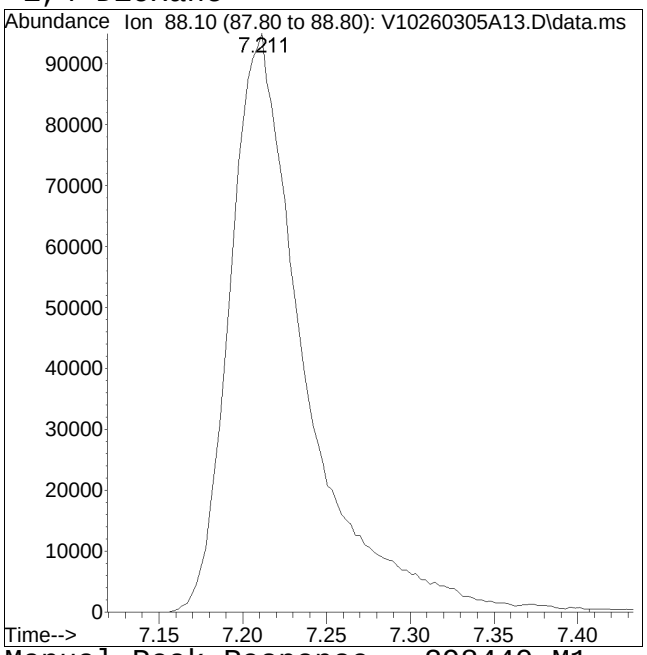
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A13.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 9:27 pm Instrument : VOA110
Sample : I8260STD200PPB Quant Date : 3/6/2026 11:25 am

Compound #57: 1,4-Dioxane



Original Peak Response = 296082



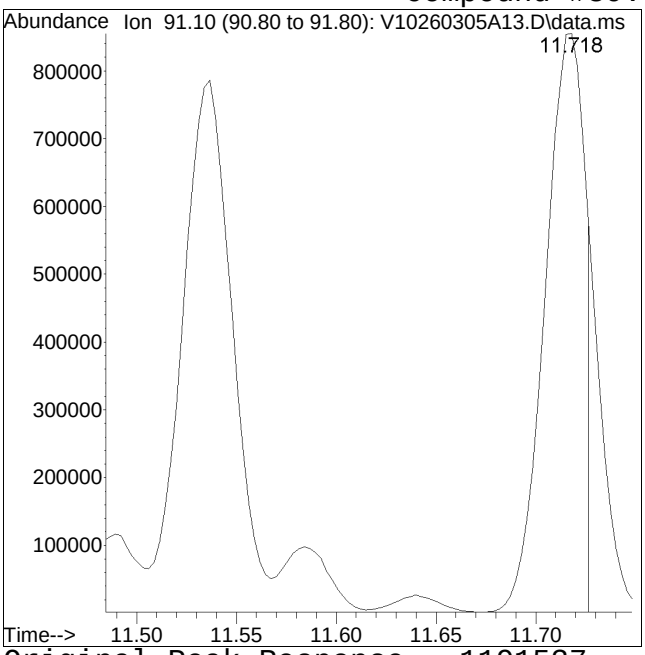
Manual Peak Response = 298440 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

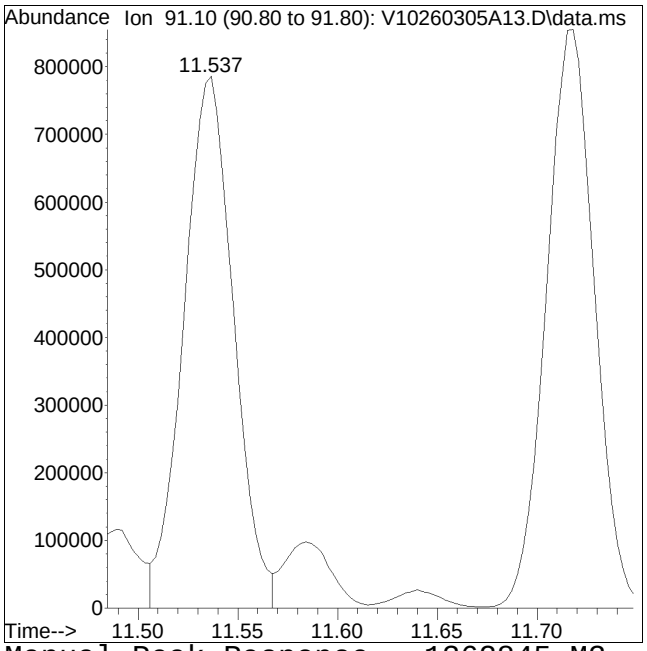
Manual Integration Report

Data Path : K:\VOA110\2026\260305ICAL\QMethod : V110_260305A_8260.m
Data File : V10260305A13.D Operator : VOA110:JIC
Date Inj'd : 3/5/2026 9:27 pm Instrument : VOA110
Sample : I8260STD200PPB Quant Date : 3/6/2026 11:25 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 1191537



Manual Peak Response = 1362845 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A14.D
Acq On : 5 Mar 2026 9:53 pm
Operator : VOA110:JIC
Sample : I8260STD300PPB
Misc : WG2182226,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 06 13:15:37 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.196	96	175832	20.000	ug/L	0.00
Standard Area 1 = 163785			Recovery = 107.36%			
59) Chlorobenzene-d5	9.749	117	139823	20.000	ug/L	0.00
Standard Area 1 = 132630			Recovery = 105.42%			
79) 1,4-Dichlorobenzene-d4	12.409	152	75987	20.000	ug/L	0.00
Standard Area 1 = 74236			Recovery = 102.36%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.377	113	43057	19.639	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.19%			
43) 1,2-Dichloroethane-d4	5.912	65	49343	21.199	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.00%			
60) Toluene-d8	7.895	98	174005	20.551	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.76%			
83) 4-Bromofluorobenzene	11.219	95	66669	20.121	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.735	85	369086	293.569	ug/L	98
3) Chloromethane	1.933	50	700044	279.872	ug/L	98
4) Vinyl chloride	2.011	62	629349	294.085	ug/L	99
5) Bromomethane	2.334	94	371978	311.636	ug/L	93
6) Chloroethane	2.435	64	343015	226.939	ug/L	92
7) Trichlorofluoromethane	2.588	101	661608	298.447	ug/L	99
8) Ethyl ether	2.906	74	365122	285.611	ug/L	86
10) 1,1-Dichloroethene	3.101	96	469462	288.783	ug/L	99
11) Carbon disulfide	3.132	76	1647134	295.593	ug/L	100
12) Freon-113	3.137	101	460963	315.884	ug/L #	14
14) Acrolein	3.433	56	57321	259.981	ug/L	98
15) Methylene chloride	3.659	84	569221	283.045	ug/L	91
17) Acetone	3.717	43	277093	264.266	ug/L #	28
18) trans-1,2-Dichloroethene	3.815	96	558624	290.079	ug/L	99
19) Methyl acetate	3.832	43	655234	286.424	ug/L #	92
20) Methyl tert-butyl ether	3.921	73	1911642	293.077	ug/L	95
21) tert-Butyl alcohol	4.021	59	628690	1429.901	ug/L	97
22) Diisopropyl ether	4.283	45	2652031	294.043	ug/L	93
23) 1,1-Dichloroethane	4.409	63	1152323	289.799	ug/L	98
24) Halothane	4.453	117	442650	294.363	ug/L	100
25) Acrylonitrile	4.462	53	298469	284.237	ug/L #	91

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A14.D
Acq On : 5 Mar 2026 9:53 pm
Operator : VOA110:JIC
Sample : I8260STD300PPB
Misc : WG2182226,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 06 13:15:37 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.638	59	2278671	299.283	ug/L		86
27) Vinyl acetate	4.646	43	2211889	297.848	ug/L	#	93
28) cis-1,2-Dichloroethene	4.936	96	651534	285.477	ug/L		91
29) 2,2-Dichloropropane	5.036	77	842948	291.220	ug/L		97
30) Bromochloromethane	5.126	128	313252	282.052	ug/L		91
31) Cyclohexane	5.134	56	1169263	335.552	ug/L		90
32) Chloroform	5.198	83	999290	288.798	ug/L		99
33) Ethyl acetate	5.312	43	981318	295.940	ug/L	#	96
34) Carbon tetrachloride	5.340	117	753534	313.040	ug/L		98
35) Tetrahydrofuran	5.363	42	327886	288.501	ug/L	#	87
37) 1,1,1-Trichloroethane	5.404	97	825276	300.140	ug/L		99
39) 2-Butanone	5.502	43	435958	295.988	ug/L	#	6
40) 1,1-Dichloropropene	5.527	75	766922	303.683	ug/L		97
41) Benzene	5.778	78	2395038	293.866	ug/L		95
42) tert-Amyl methyl ether	5.887	73	1922584	306.901	ug/L		95
44) 1,2-Dichloroethane	5.982	62	818126	291.923	ug/L		99
47) Methyl cyclohexane	6.366	83	1065526	349.905	ug/L		87
48) Trichloroethene	6.375	95	609277	298.584	ug/L		94
50) Dibromomethane	6.815	93	364869	292.872	ug/L	#	85
51) 1,2-Dichloropropane	6.927	63	705471	295.691	ug/L		97
53) 2-Chloroethyl vinyl ether	7.610	63	494180	304.551	ug/L		93
54) Bromodichloromethane	6.988	83	830495	296.746	ug/L		100
57) 1,4-Dioxane	7.209	88	404801	13631.450	ug/L		93
58) cis-1,3-Dichloropropene	7.686	75	1074038	296.272	ug/L		97
61) Toluene	7.950	92	1529456	306.698	ug/L		99
62) 4-Methyl-2-pentanone	8.385	58	332713	311.770	ug/L		90
63) Tetrachloroethene	8.405	166	624199	318.850	ug/L		95
65) trans-1,3-Dichloropropene	8.436	75	976243	305.477	ug/L		100
67) Ethyl methacrylate	8.620	69	909457	307.230	ug/L		95
68) 1,1,2-Trichloroethane	8.623	83	471232	299.085	ug/L		96
69) Chlorodibromomethane	8.832	129	688891	305.305	ug/L		96
70) 1,3-Dichloropropane	8.946	76	988339	295.635	ug/L		99
71) 1,2-Dibromoethane	9.119	107	584122	299.924	ug/L		98
72) 2-Hexanone	9.392	43	659178	305.635	ug/L		95
73) Chlorobenzene	9.769	112	1746184	301.619	ug/L		91
74) Ethylbenzene	9.805	91	2865659	309.429	ug/L		97
75) 1,1,1,2-Tetrachloroethane	9.852	131	667505	305.722	ug/L		98
76) p/m Xylene	9.992	106	2297358	615.384	ug/L		95
77) o Xylene	10.524	106	2257933	605.116	ug/L		94
78) Styrene	10.588	104	3932150	606.391	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A14.D
Acq On : 5 Mar 2026 9:53 pm
Operator : VOA110:JIC
Sample : I8260STD300PPB
Misc : WG2182226,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 06 13:15:37 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.614	173	470117	313.665	ug/L	99
82) Isopropylbenzene	10.892	105	2894812	322.550	ug/L	97
84) Bromobenzene	11.330	156	750490	304.319	ug/L	99
85) n-Propylbenzene	11.364	91	3364448	317.039	ug/L	97
86) 1,4-Dichlorobutane	11.386	55	1236879	309.321	ug/L	96
87) 1,1,2,2-Tetrachloroethane	11.447	83	811667	302.456	ug/L	97
88) 4-Ethyltoluene	11.492	105	2862269	313.027	ug/L	98
89) 2-Chlorotoluene	11.539	91	1960941	307.773	ug/L	91
90) 1,3,5-Trimethylbenzene	11.587	105	2464140	318.875	ug/L	95
91) 1,2,3-Trichloropropane	11.590	75	646190	314.290	ug/L	100
92) trans-1,4-Dichloro-2-b...	11.640	53	285343	305.390	ug/L	95
93) 4-Chlorotoluene	11.718	91	2063132	306.647	ug/L	92
94) tert-Butylbenzene	11.921	119	2218504	320.850	ug/L	97
97) 1,2,4-Trimethylbenzene	12.000	105	2431093	311.688	ug/L	96
98) sec-Butylbenzene	12.111	105	3167421	322.796	ug/L	95
99) p-Isopropyltoluene	12.262	119	2917289	320.273	ug/L	96
100) 1,3-Dichlorobenzene	12.337	146	1444273	301.002	ug/L	98
101) 1,4-Dichlorobenzene	12.426	146	1457242	301.150	ug/L	99
102) p-Diethylbenzene	12.633	119	1773967	315.460	ug/L	95
103) n-Butylbenzene	12.691	91	2507667	319.156	ug/L	97
104) 1,2-Dichlorobenzene	12.850	146	1379155	297.519	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.422	119	2776499	307.010	ug/L	94
106) 1,2-Dibromo-3-chloropr...	13.620	155	163733	299.214	ug/L	98
107) 1,3,5-Trichlorobenzene	13.656	180	1053649	307.167	ug/L	94
108) Hexachlorobutadiene	14.225	225	487610	330.110	ug/L	98
109) 1,2,4-Trichlorobenzene	14.250	180	985589	303.522	ug/L	97
110) Naphthalene	14.543	128	2796968	299.618	ug/L	100
111) 1,2,3-Trichlorobenzene	14.713	180	934592	305.500	ug/L	97

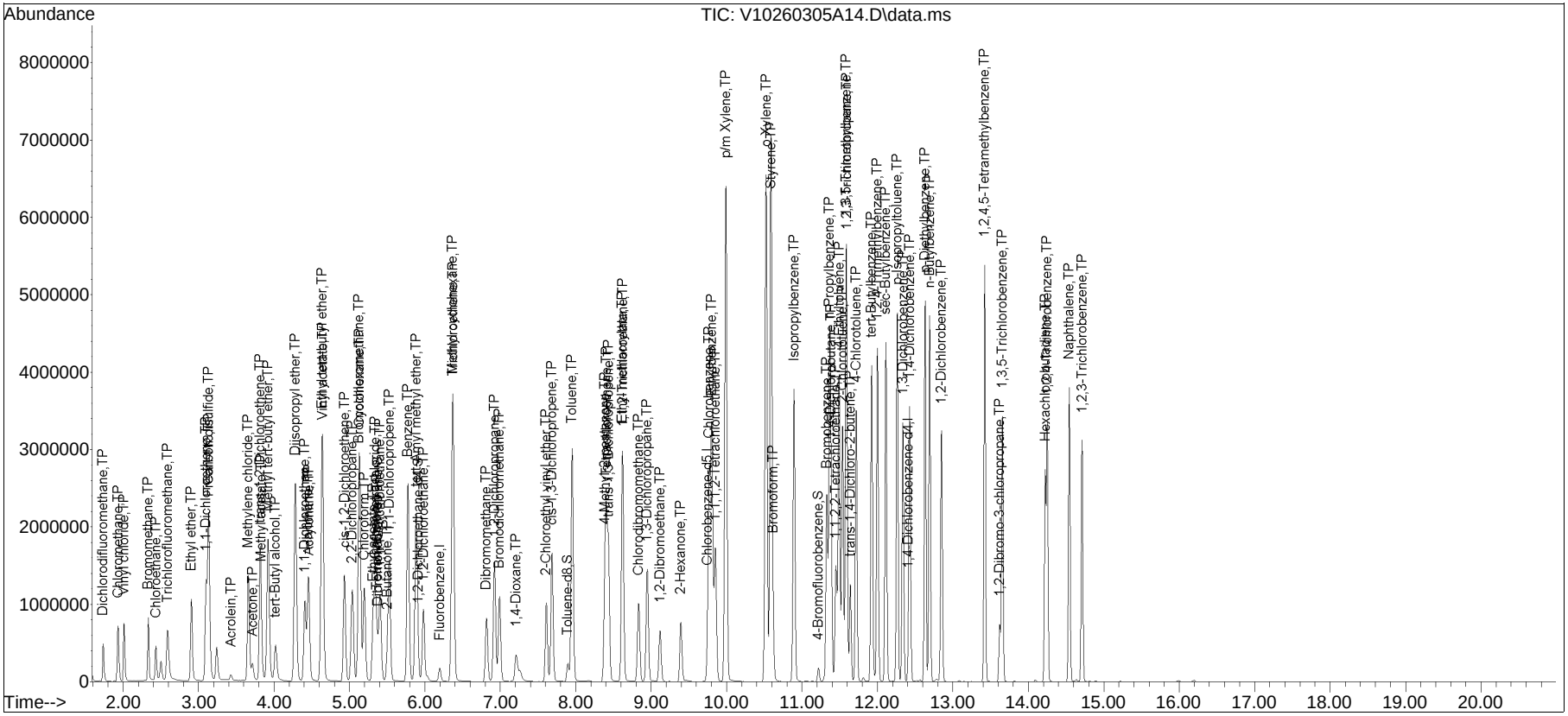
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A14.D
Acq On : 5 Mar 2026 9:53 pm
Operator : VOA110:JIC
Sample : I8260STD300PPB
Misc : WG2182226,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 06 13:15:37 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 11:23:42 2026
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox60305A11.D•



Manual Integration Report

Data Path	: K:\VOA110\2026\260305ICAL\	QMethod	: V110_260305A_8260.m
Data File	: V10260305A14.D	Operator	: VOA110:JIC
Date Inj'd	: 3/5/2026 9:53 pm	Instrument	: VOA110
Sample	: I8260STD300PPB	Quant Date	: 3/6/2026 11:25 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A20.D
Acq On : 6 Mar 2026 12:33 am
Operator : VOA110:JIC
Sample : C8260STD40PPB
Misc : WG2182226,ICAL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 06 12:22:25 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	103	0.00
2	TP	Dichlorodifluoromethane	0.150	0.313	-108.7#	225#	0.00
3	TP	Chloromethane	0.315	0.428	-35.9#	155	0.00
4	TP	Vinyl chloride	0.252	0.365	-44.8#	154	0.00
5	TP	Bromomethane	* 40.000	48.317	-20.8#	131	0.00
6	TP	Chloroethane	0.173	0.200	-15.6	119	0.00
7	TP	Trichlorofluoromethane	0.263	0.313	-19.0	127	0.00
8	TP	Ethyl ether	0.151	0.133	11.9	94	0.00
10	TP	1,1-Dichloroethene	0.203	0.211	-3.9	117	0.00
11	TP	Carbon disulfide	0.682	0.636	6.7	103	0.00
12	TP	Freon-113	0.173	0.185	-6.9	114	0.00
14	TP	Acrolein	0.024	0.061	-154.2#	248#	0.00
15	TP	Methylene chloride	0.233	0.245	-5.2	110	0.00
17	TP	Acetone	* 40.000	32.986	17.5	85	0.00
18	TP	trans-1,2-Dichloroethene	0.251	0.240	4.4	113	0.00
19	TP	Methyl acetate	0.282	0.260	7.8	102	0.00
20	TP	Methyl tert-butyl ether	0.781	0.656	16.0	91	0.00
21	TP	tert-Butyl alcohol	0.057	0.049	14.0	100	0.00
22	TP	Diisopropyl ether	1.040	0.964	7.3	96	0.00
23	TP	1,1-Dichloroethane	0.477	0.480	-0.6	109	0.00
24	TP	Halothane	0.179	0.168	6.1	101	0.00
25	TP	Acrylonitrile	0.129	0.125	3.1	107	0.00
26	TP	Ethyl tert-butyl ether	0.878	0.820	6.6	97	0.00
27	TP	Vinyl acetate	0.845	0.770	8.9	94	0.00
28	TP	cis-1,2-Dichloroethene	0.278	0.264	5.0	104	0.00
29	TP	2,2-Dichloropropane	0.354	0.345	2.5	107	0.00
30	TP	Bromochloromethane	0.133	0.130	2.3	105	0.00
31	TP	Cyclohexane	0.446	0.426	4.5	110	0.00
32	TP	Chloroform	0.445	0.409	8.1	107	0.00
33	TP	Ethyl acetate	0.394	0.373	5.3	101	0.00
34	TP	Carbon tetrachloride	0.288	0.304	-5.6	114	0.00
35	TP	Tetrahydrofuran	0.138	0.119	13.8	94	0.00
36	S	Dibromofluoromethane	0.262	0.248	5.3	102	0.00
37	TP	1,1,1-Trichloroethane	0.364	0.345	5.2	113	0.00
39	TP	2-Butanone	0.176	0.172	2.3	105	0.00
40	TP	1,1-Dichloropropene	0.293	0.324	-10.6	116	0.00
41	TP	Benzene	0.964	0.974	-1.0	108	0.00
42	TP	tert-Amyl methyl ether	0.729	0.656	10.0	95	0.00
43	S	1,2-Dichloroethane-d4	0.279	0.268	3.9	104	0.00

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A20.D
Acq On : 6 Mar 2026 12:33 am
Operator : VOA110:JIC
Sample : C8260STD40PPB
Misc : WG2182226,ICAL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 06 12:22:25 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.334	0.331	0.9	107	0.00
47	TP	Methyl cyclohexane	0.382	0.366	4.2	108	0.00
48	TP	Trichloroethene	* 40.000	41.743	-4.4	109	0.00
50	TP	Dibromomethane	0.152	0.146	3.9	106	0.00
51	TP	1,2-Dichloropropane	0.280	0.280	0.0	106	0.00
53	TP	2-Chloroethyl vinyl ether	0.189	0.182	3.7	101	0.00
54	TP	Bromodichloromethane	* 40.000	39.159	2.1	103	0.00
57	TP	1,4-Dioxane	0.00322	0.00376#	-16.8	114	0.00
58	TP	cis-1,3-Dichloropropene	0.418	0.414	1.0	103	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
60	S	Toluene-d8	1.197	1.245	-4.0	101	0.00
61	TP	Toluene	0.739	0.788	-6.6	109	0.00
62	TP	4-Methyl-2-pentanone	0.151	0.160	-6.0	104	0.00
63	TP	Tetrachloroethene	0.287	0.321	-11.8	113	0.00
65	TP	trans-1,3-Dichloropropene	0.449	0.491	-9.4	106	0.00
67	TP	Ethyl methacrylate	0.453	0.409	9.7	95	0.00
68	TP	1,1,2-Trichloroethane	0.241	0.236	2.1	103	0.00
69	TP	Chlorodibromomethane	0.325	0.340	-4.6	104	0.00
70	TP	1,3-Dichloropropane	0.468	0.508	-8.5	105	0.00
71	TP	1,2-Dibromoethane	0.264	0.295	-11.7	104	0.00
72	TP	2-Hexanone	0.316	0.336	-6.3	107	0.00
73	TP	Chlorobenzene	0.860	0.895	-4.1	106	0.00
74	TP	Ethylbenzene	1.392	1.481	-6.4	110	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.307	0.332	-8.1	105	0.00
76	TP	p/m Xylene	0.573	0.590	-3.0	109	0.00
77	TP	o Xylene	0.563	0.556	1.2	103	0.00
78	TP	Styrene	0.967	0.979	-1.2	104	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
80	TP	Bromoform	0.395	0.415	-5.1	101	0.00
82	TP	Isopropylbenzene	2.474	2.694	-8.9	110	0.00
83	S	4-Bromofluorobenzene	0.873	0.880	-0.8	97	0.00
84	TP	Bromobenzene	0.659	0.722	-9.6	107	0.00
85	TP	n-Propylbenzene	2.889	3.231	-11.8	112	0.00
86	TP	1,4-Dichlorobutane	1.079	1.098	-1.8	101	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.768	0.726	5.5	99	0.00
88	TP	4-Ethyltoluene	2.486	2.581	-3.8	103	0.00
89	TP	2-Chlorotoluene	1.764	1.875	-6.3	108	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A20.D
Acq On : 6 Mar 2026 12:33 am
Operator : VOA110:JIC
Sample : C8260STD40PPB
Misc : WG2182226,ICAL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 06 12:22:25 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 TP	1,3,5-Trimethylbenzene	2.125	2.307	-8.6	109	0.00
91 TP	1,2,3-Trichloropropane	0.567	0.599	-5.6	107	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.259	0.251	3.1	98	0.00
93 TP	4-Chlorotoluene	1.838	1.938	-5.4	106	0.00
94 TP	tert-Butylbenzene	1.898	2.128	-12.1	113	0.00
97 TP	1,2,4-Trimethylbenzene	2.130	2.405	-12.9	113	0.00
98 TP	sec-Butylbenzene	2.694	3.044	-13.0	114	0.00
99 TP	p-Isopropyltoluene	2.499	2.811	-12.5	113	0.00
100 TP	1,3-Dichlorobenzene	1.293	1.381	-6.8	105	0.00
101 TP	1,4-Dichlorobenzene	1.325	1.407	-6.2	107	0.00
102 TP	p-Diethylbenzene	1.532	1.517	1.0	99	0.00
103 TP	n-Butylbenzene	2.146	2.395	-11.6	112	0.00
104 TP	1,2-Dichlorobenzene	1.239	1.331	-7.4	105	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.438	2.473	-1.4	100	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.147	0.154	-4.8	103	0.00
107 TP	1,3,5-Trichlorobenzene	0.936	0.919	1.8	98	0.00
108 TP	Hexachlorobutadiene	0.398	0.455	-14.3	113	0.00
109 TP	1,2,4-Trichlorobenzene	0.873	0.929	-6.4	105	0.00
110 TP	Naphthalene	2.528	2.711	-7.2	106	0.00
111 TP	1,2,3-Trichlorobenzene	0.832	0.878	-5.5	105	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A20.D
Acq On : 6 Mar 2026 12:33 am
Operator : VOA110:JIC
Sample : C8260STD40PPB
Misc : WG2182226,ICAL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 06 13:22:25 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.196	96	168132	20.000	ug/L	0.00
Standard Area 1 = 163785			Recovery = 102.65%			
59) Chlorobenzene-d5	9.749	117	130570	20.000	ug/L	0.00
Standard Area 1 = 132630			Recovery = 98.45%			
79) 1,4-Dichlorobenzene-d4	12.412	152	71633	20.000	ug/L	0.00
Standard Area 1 = 74236			Recovery = 96.49%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.376	113	41675	18.902	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.51%			
43) 1,2-Dichloroethane-d4	5.912	65	45105	19.265	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.33%			
60) Toluene-d8	7.895	98	162599	20.810	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.05%			
83) 4-Bromofluorobenzene	11.219	95	63057	20.156	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.734	85	105273	83.466	ug/L	98
3) Chloromethane	1.932	50	143991	54.299	ug/L	99
4) Vinyl chloride	2.011	62	122777	57.884	ug/L	99
5) Bromomethane	2.337	94	58324	48.317	ug/L	93
6) Chloroethane	2.454	64	67189	46.231	ug/L	96
7) Trichlorofluoromethane	2.602	101	105169	47.643	ug/L	100
8) Ethyl ether	2.908	74	44681	35.201	ug/L	87
10) 1,1-Dichloroethene	3.101	96	71034	41.686	ug/L	98
11) Carbon disulfide	3.134	76	213883	37.331	ug/L	100
12) Freon-113	3.140	101	62042	42.763	ug/L #	21
14) Acrolein	3.427	56	20348	100.357	ug/L	98
15) Methylene chloride	3.661	84	82280	42.070	ug/L	92
17) Acetone	3.714	43	33313	32.986	ug/L #	25
18) trans-1,2-Dichloroethene	3.818	96	80732	38.264	ug/L	99
19) Methyl acetate	3.826	43	87316	36.817	ug/L #	92
20) Methyl tert-butyl ether	3.924	73	220587	33.584	ug/L	94
21) tert-Butyl alcohol	4.016	59	81948	171.102	ug/L	97
22) Diisopropyl ether	4.283	45	324260	37.102	ug/L	93
23) 1,1-Dichloroethane	4.412	63	161339	40.263	ug/L	99
24) Halothane	4.451	117	56580	37.612	ug/L	100
25) Acrylonitrile	4.459	53	41984	38.593	ug/L #	92

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A20.D
Acq On : 6 Mar 2026 12:33 am
Operator : VOA110:JIC
Sample : C8260STD40PPB
Misc : WG2182226,ICAL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 06 13:22:25 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.637	59	275637	37.359	ug/L		88
27) Vinyl acetate	4.649	43	259012	36.468	ug/L	#	92
28) cis-1,2-Dichloroethene	4.933	96	88862	38.069	ug/L		91
29) 2,2-Dichloropropane	5.039	77	115871	38.972	ug/L		97
30) Bromochloromethane	5.128	128	43576	39.003	ug/L		89
31) Cyclohexane	5.137	56	143293	38.230	ug/L		90
32) Chloroform	5.198	83	137446	36.776	ug/L		99
33) Ethyl acetate	5.309	43	125269	37.848	ug/L	#	96
34) Carbon tetrachloride	5.337	117	102304	42.212	ug/L		99
35) Tetrahydrofuran	5.362	42	39968	34.474	ug/L	#	85
37) 1,1,1-Trichloroethane	5.407	97	115922	37.835	ug/L		99
39) 2-Butanone	5.502	43	57780	39.138	ug/L	#	7
40) 1,1-Dichloropropene	5.530	75	108832	44.210	ug/L		96
41) Benzene	5.778	78	327391	40.379	ug/L		95
42) tert-Amyl methyl ether	5.887	73	220746	36.041	ug/L		94
44) 1,2-Dichloroethane	5.984	62	111258	39.608	ug/L		99
47) Methyl cyclohexane	6.364	83	123097	38.373	ug/L		86
48) Trichloroethene	6.378	95	82809	41.743	ug/L		95
50) Dibromomethane	6.815	93	49203	38.573	ug/L	#	85
51) 1,2-Dichloropropane	6.924	63	94224	40.021	ug/L		97
53) 2-Chloroethyl vinyl ether	7.613	63	61072	38.534	ug/L		91
54) Bromodichloromethane	6.988	83	107420	39.159	ug/L	#	97
57) 1,4-Dioxane	7.211	88	63289	2334.436	ug/L		89
58) cis-1,3-Dichloropropene	7.683	75	139220	39.618	ug/L		95
61) Toluene	7.953	92	205733	42.648	ug/L		99
62) 4-Methyl-2-pentanone	8.391	58	41912	42.628	ug/L		86
63) Tetrachloroethene	8.405	166	83842	44.757	ug/L		96
65) trans-1,3-Dichloropropene	8.436	75	128120	43.740	ug/L		98
67) Ethyl methacrylate	8.620	69	106810	36.111	ug/L		91
68) 1,1,2-Trichloroethane	8.622	83	61574	39.208	ug/L		97
69) Chlorodibromomethane	8.832	129	88674	41.826	ug/L		97
70) 1,3-Dichloropropane	8.949	76	132746	43.452	ug/L		99
71) 1,2-Dibromoethane	9.116	107	77017	44.622	ug/L		100
72) 2-Hexanone	9.395	43	87779	42.530	ug/L		95
73) Chlorobenzene	9.769	112	233661	41.626	ug/L		90
74) Ethylbenzene	9.802	91	386694	42.551	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.847	131	86654	43.290	ug/L		97
76) p/m Xylene	9.989	106	307941	82.294	ug/L		95
77) o Xylene	10.521	106	290324	79.053	ug/L		95
78) Styrene	10.583	104	511250	81.014	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A20.D
Acq On : 6 Mar 2026 12:33 am
Operator : VOA110:JIC
Sample : C8260STD40PPB
Misc : WG2182226,ICAL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 06 13:22:25 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260305ICAL\V10260305A11.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.608	173	59430	42.061	ug/L	99
82) Isopropylbenzene	10.892	105	385973	43.566	ug/L	98
84) Bromobenzene	11.330	156	103419	43.797	ug/L	99
85) n-Propylbenzene	11.364	91	462898	44.735	ug/L	98
86) 1,4-Dichlorobutane	11.386	55	157297	40.690	ug/L	96
87) 1,1,2,2-Tetrachloroethane	11.447	83	103998	37.808	ug/L	96
88) 4-Ethyltoluene	11.486	105	369789	41.532	ug/L	99
89) 2-Chlorotoluene	11.537	91	268581	42.514	ug/L	91
90) 1,3,5-Trimethylbenzene	11.584	105	330535	43.422	ug/L	96
91) 1,2,3-Trichloropropane	11.590	75	85873	42.292	ug/L	98
92) trans-1,4-Dichloro-2-b...	11.640	53	35937	38.785	ug/L	92
93) 4-Chlorotoluene	11.715	91	277693	42.189	ug/L	93
94) tert-Butylbenzene	11.921	119	304929	44.846	ug/L	97
97) 1,2,4-Trimethylbenzene	11.999	105	344603	45.174	ug/L	96
98) sec-Butylbenzene	12.111	105	436123	45.194	ug/L	96
99) p-Isopropyltoluene	12.262	119	402755	44.996	ug/L	96
100) 1,3-Dichlorobenzene	12.337	146	197818	42.731	ug/L	98
101) 1,4-Dichlorobenzene	12.426	146	201517	42.454	ug/L	99
102) p-Diethylbenzene	12.630	119	217360	39.615	ug/L	94
103) n-Butylbenzene	12.688	91	343186	44.642	ug/L	97
104) 1,2-Dichlorobenzene	12.850	146	190672	42.953	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.419	119	354252	40.577	ug/L	94
106) 1,2-Dibromo-3-chloropr...	13.622	155	22006	41.812	ug/L	97
107) 1,3,5-Trichlorobenzene	13.653	180	131620	39.274	ug/L	93
108) Hexachlorobutadiene	14.225	225	65143	45.747	ug/L	98
109) 1,2,4-Trichlorobenzene	14.253	180	133088	42.552	ug/L	97
110) Naphthalene	14.543	128	388394	42.890	ug/L	100
111) 1,2,3-Trichlorobenzene	14.710	180	125765	42.180	ug/L	97

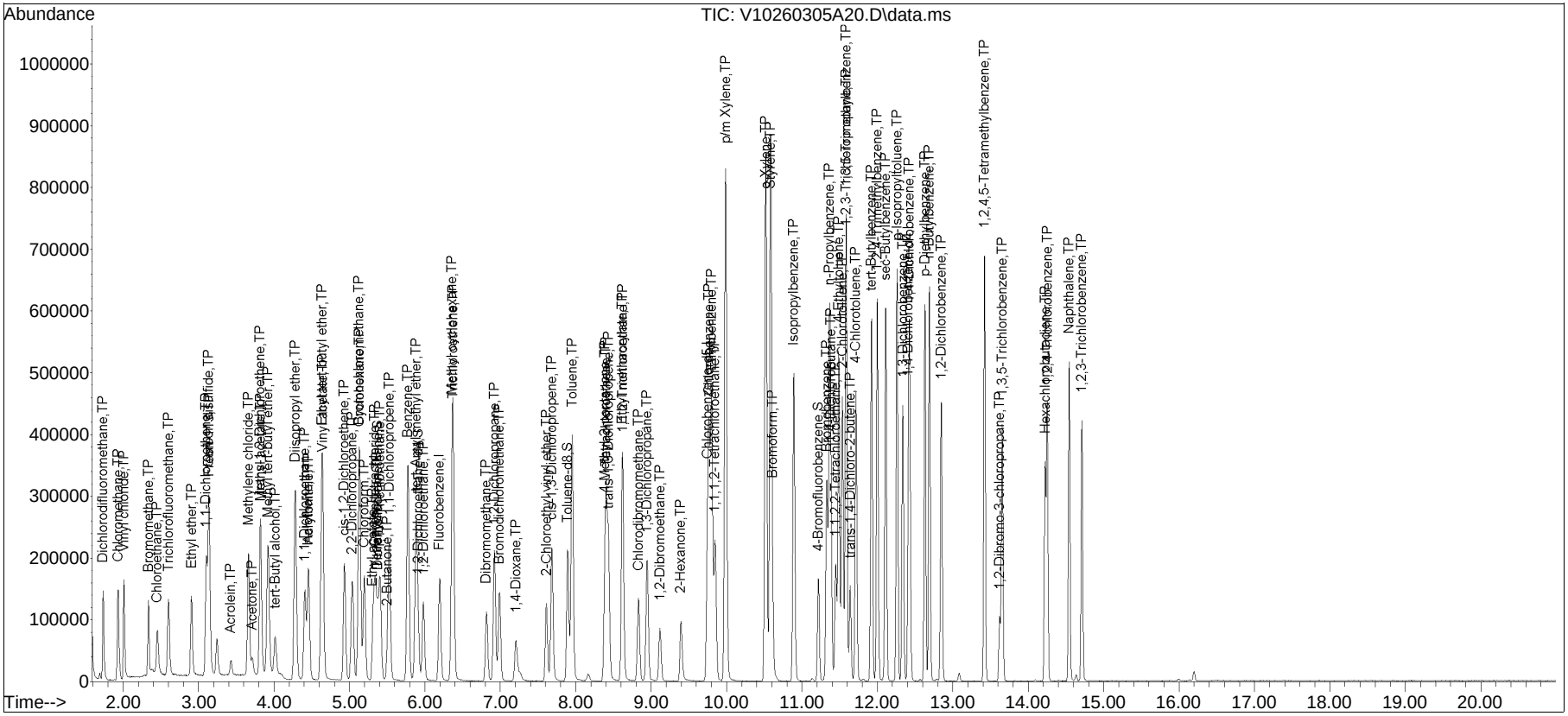
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260305ICAL\
Data File : V10260305A20.D
Acq On : 6 Mar 2026 12:33 am
Operator : VOA110:JIC
Sample : C8260STD40PPB
Misc : WG2182226,ICAL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 06 13:22:25 2026
Quant Method : K:\VOA110\2026\260305ICAL\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox60305A11.D•



Manual Integration Report

Data Path	: K:\VOA110\2026\260305ICAL\	QMethod	: V110_260305A_8260.m
Data File	: V10260305A20.D	Operator	: VOA110:JIC
Date Inj'd	: 3/6/2026 12:33 am	Instrument	: VOA110
Sample	: C8260STD40PPB	Quant Date	: 3/6/2026 12:22 pm

There are no manual integrations or false positives in this file.

Evaluate Relative Error Report VOA110

Method Path : K:\VOA110\2026\260305ICAL\
Method File : V110_260305A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Mar 06 12:21:57 2026

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
5	TP Bromomethane	L	ug/L	40.0	37.501	-6.2	1.00	0.999	-0.1
17	TP Acetone	L	ug/L	40.0	40.326	0.8	2.00	1.411	-29.4
48	TP Trichloroethene	L	ug/L	40.0	39.322	-1.7	0.50	0.579	15.8
54	TP Bromodichloromethane	L	ug/L	40.0	39.021	-2.4	0.50	0.585	17.0

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
5	TP Bromomethane	Linear	0.999177	0.000000	0.13934	0.0102716
17	TP Acetone	Linear	0.996162	0.000000	0.110081	0.0165771
48	TP Trichloroethene	Linear	0.999624	0.000000	0.233889	0.00436198
54	TP Bromodichloromethane	Linear	0.999195	0.000000	0.322187	0.0080695

Continuing Calibration

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2612196	
Project Name	: 547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391-001-003-02	
Instrument ID	: VOA126		Calibration Date	: 03/09/26 09:29	
Lab File ID	: V26260309A01		Init. Calib. Date(s)	: 01/15/26	01/16/26
Sample No	: WG2183398-2		Init. Calib. Times	: 17:51	00:58
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	104	0
Dichlorodifluoromethane	0.292	0.169	-	42.1*	20	56	0
Chloromethane	0.302	0.283	-	6.3	20	96	0
Vinyl chloride	0.331	0.308	-	6.9	20	89	0
Bromomethane	0.212	0.176	-	17	20	90	0
Chloroethane	0.202	0.195	-	3.5	20	95	0
Trichlorofluoromethane	0.382	0.357	-	6.5	20	90	0
Ethyl ether	0.127	0.122	-	3.9	20	98	0
1,1-Dichloroethene	0.232	0.215	-	7.3	20	92	0
Carbon disulfide	0.813	0.756	-	7	20	93	0
Freon-113	0.229	0.224	-	2.2	20	96	0
Acrolein	0.015	0.013	-	13.3	20	89	0
Methylene chloride	0.288	0.239	-	17	20	95	0
Acetone	40	38.574	-	3.6	20	99	0
trans-1,2-Dichloroethene	0.262	0.243	-	7.3	20	92	0
Methyl acetate	0.112	0.117	-	-4.5	20	110	0
Methyl tert-butyl ether	0.639	0.588	-	8	20	94	0
tert-Butyl alcohol	0.021	0.018	-	14.3	20	90	-.02
Diisopropyl ether	0.755	0.839	-	-11.1	20	111	-.01
1,1-Dichloroethane	0.483	0.48	-	0.6	20	101	-.01
Halothane	0.197	0.18	-	8.6	20	90	-.01
Acrylonitrile	0.062	0.065	-	-4.8	20	109	-.01
Ethyl tert-butyl ether	0.762	0.76	-	0.3	20	101	0
Vinyl acetate	0.395	0.408	-	-3.3	20	105	0
cis-1,2-Dichloroethene	0.288	0.254	-	11.8	20	91	0
2,2-Dichloropropane	0.394	0.366	-	7.1	20	94	0
Bromochloromethane	0.121	0.104	-	14	20	88	-.01
Cyclohexane	0.446	0.501	-	-12.3	20	112	-.01
Chloroform	0.498	0.431	-	13.5	20	93	0
Ethyl acetate	0.153	0.156	-	-2	20	106	-.01
Carbon tetrachloride	0.371	0.328	-	11.6	20	87	0
Tetrahydrofuran	0.05	0.048	-	4	20	107	0
Dibromofluoromethane	0.247	0.247	-	0	20	104	0
1,1,1-Trichloroethane	0.404	0.371	-	8.2	20	90	-.01
2-Butanone	0.075	0.07	-	6.7	20	107	-.01
1,1-Dichloropropene	0.336	0.337	-	-0.3	20	97	-.01
Benzene	0.982	0.934	-	4.9	20	95	-.01
tert-Amyl methyl ether	0.648	0.581	-	10.3	20	91	0
1,2-Dichloroethane-d4	0.244	0.253	-	-3.7	20	110	-.01
1,2-Dichloroethane	0.329	0.304	-	7.6	20	95	-.01
Methyl cyclohexane	0.43	0.426	-	0.9	20	99	0
Trichloroethene	0.275	0.253	-	8	20	91	-.01
Dibromomethane	0.142	0.122	-	14.1	20	89	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2612196	
Project Name	: 547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391-001-003-02	
Instrument ID	: VOA126		Calibration Date	: 03/09/26 09:29	
Lab File ID	: V26260309A01		Init. Calib. Date(s)	: 01/15/26	01/16/26
Sample No	: WG2183398-2		Init. Calib. Times	: 17:51	00:58
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.268	0.267	-	0.4	20	101	0
Bromodichloromethane	0.357	0.317	-	11.2	20	88	0
1,4-Dioxane	0.00144	0.00124*	-	13.9	20	87	0
cis-1,3-Dichloropropene	0.399	0.371	-	7	20	91	-.01
Chlorobenzene-d5	1	1	-	0	20	96	-.01
Toluene-d8	1.302	1.395	-	-7.1	20	103	0
Toluene	0.868	0.836	-	3.7	20	91	-.01
4-Methyl-2-pentanone	0.089	0.092	-	-3.4	20	95	-.01
Tetrachloroethene	0.379	0.347	-	8.4	20	86	0
trans-1,3-Dichloropropene	0.442	0.43	-	2.7	20	89	0
Ethyl methacrylate	0.354	0.336	-	5.1	20	88	-.01
1,1,2-Trichloroethane	0.215	0.208	-	3.3	20	91	-.01
Chlorodibromomethane	0.326	0.292	-	10.4	20	82	0
1,3-Dichloropropane	0.435	0.422	-	3	20	92	0
1,2-Dibromoethane	0.243	0.229	-	5.8	20	86	0
2-Hexanone	0.149	0.158	-	-6	20	99	-.01
Chlorobenzene	0.953	0.9	-	5.6	20	88	0
Ethylbenzene	1.655	1.651	-	0.2	20	93	0
1,1,1,2-Tetrachloroethane	0.336	0.308	-	8.3	20	83	-.01
p/m Xylene	0.637	0.619	-	2.8	20	90	0
o Xylene	0.611	0.588	-	3.8	20	89	0
Styrene	1.01	0.969	-	4.1	20	86	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	92	0
Bromoform	0.394	0.342	-	13.2	20	76	0
Isopropylbenzene	3.265	3.361	-	-2.9	20	91	-.01
4-Bromofluorobenzene	0.972	1.01	-	-3.9	20	95	0
Bromobenzene	0.788	0.73	-	7.4	20	83	0
n-Propylbenzene	3.806	4.043	-	-6.2	20	95	0
1,4-Dichlorobutane	0.903	0.986	-	-9.2	20	97	0
1,1,2,2-Tetrachloroethane	0.601	0.604	-	-0.5	20	88	0
4-Ethyltoluene	3.108	3.223	-	-3.7	20	92	0
2-Chlorotoluene	2.505	2.549	-	-1.8	20	92	-.01
1,3,5-Trimethylbenzene	2.65	2.713	-	-2.4	20	91	0
1,2,3-Trichloropropane	0.439	0.435	-	0.9	20	90	0
trans-1,4-Dichloro-2-buten	0.187	0.198	-	-5.9	20	93	0
4-Chlorotoluene	2.342	2.346	-	-0.2	20	91	0
tert-Butylbenzene	2.293	2.311	-	-0.8	20	90	0
1,2,4-Trimethylbenzene	2.573	2.611	-	-1.5	20	91	0
sec-Butylbenzene	3.364	3.565	-	-6	20	93	0
p-Isopropyltoluene	2.882	2.962	-	-2.8	20	91	0
1,3-Dichlorobenzene	1.479	1.413	-	4.5	20	87	0
1,4-Dichlorobenzene	1.478	1.401	-	5.2	20	87	0
p-Diethylbenzene	1.746	1.823	-	-4.4	20	93	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		**Lab Number**	: L2612196	
Project Name	: 547 CONEY ISL./50 HINCKLEY		**Project Number**	: 0204391-001-003-02	
Instrument ID	: VOA126		**Calibration Date**	: 03/09/26 09:29	
Lab File ID	: V26260309A01		**Init. Calib. Date(s)**	: 01/15/26	01/16/26
Sample No	: WG2183398-2		**Init. Calib. Times**	: 17:51	00:58
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	3.214	3.467	-	-7.9	20	96	0
1,2-Dichlorobenzene	1.323	1.242	-	6.1	20	86	0
1,2,4,5-Tetramethylbenzene	2.53	2.635	-	-4.2	20	92	0
1,2-Dibromo-3-chloropropan	0.083	0.07	-	15.7	20	76	0
1,3,5-Trichlorobenzene	1.043	1.045	-	-0.2	20	92	0
Hexachlorobutadiene	0.508	0.51	-	-0.4	20	89	0
1,2,4-Trichlorobenzene	0.875	0.866	-	1	20	91	0
Naphthalene	1.565	1.484	-	5.2	20	86	0
1,2,3-Trichlorobenzene	0.735	0.715	-	2.7	20	88	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2612196	
Project Name	: 547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391-001-003-02	
Instrument ID	: VOA126		Calibration Date	: 03/09/26 09:29	
Lab File ID	: V26260309A01		Init. Calib. Date(s)	: 01/15/26	01/16/26
Sample No	: WG2183848-2		Init. Calib. Times	: 17:51	00:58
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	104	0
Dichlorodifluoromethane	0.292	0.169	-	42.1*	20	56	0
Chloromethane	0.302	0.283	-	6.3	20	96	0
Vinyl chloride	0.331	0.308	-	6.9	20	89	0
Bromomethane	0.212	0.176	-	17	20	90	0
Chloroethane	0.202	0.195	-	3.5	20	95	0
Trichlorofluoromethane	0.382	0.357	-	6.5	20	90	0
Ethyl ether	0.127	0.122	-	3.9	20	98	0
1,1-Dichloroethene	0.232	0.215	-	7.3	20	92	0
Carbon disulfide	0.813	0.756	-	7	20	93	0
Freon-113	0.229	0.224	-	2.2	20	96	0
Acrolein	0.015	0.013	-	13.3	20	89	0
Methylene chloride	0.288	0.239	-	17	20	95	0
Acetone	40	38.574	-	3.6	20	99	0
trans-1,2-Dichloroethene	0.262	0.243	-	7.3	20	92	0
Methyl acetate	0.112	0.117	-	-4.5	20	110	0
Methyl tert-butyl ether	0.639	0.588	-	8	20	94	0
tert-Butyl alcohol	0.021	0.018	-	14.3	20	90	-.02
Diisopropyl ether	0.755	0.839	-	-11.1	20	111	-.01
1,1-Dichloroethane	0.483	0.48	-	0.6	20	101	-.01
Halothane	0.197	0.18	-	8.6	20	90	-.01
Acrylonitrile	0.062	0.065	-	-4.8	20	109	-.01
Ethyl tert-butyl ether	0.762	0.76	-	0.3	20	101	0
Vinyl acetate	0.395	0.408	-	-3.3	20	105	0
cis-1,2-Dichloroethene	0.288	0.254	-	11.8	20	91	0
2,2-Dichloropropane	0.394	0.366	-	7.1	20	94	0
Bromochloromethane	0.121	0.104	-	14	20	88	-.01
Cyclohexane	0.446	0.501	-	-12.3	20	112	-.01
Chloroform	0.498	0.431	-	13.5	20	93	0
Ethyl acetate	0.153	0.156	-	-2	20	106	-.01
Carbon tetrachloride	0.371	0.328	-	11.6	20	87	0
Tetrahydrofuran	0.05	0.048	-	4	20	107	0
Dibromofluoromethane	0.247	0.247	-	0	20	104	0
1,1,1-Trichloroethane	0.404	0.371	-	8.2	20	90	-.01
2-Butanone	0.075	0.07	-	6.7	20	107	-.01
1,1-Dichloropropene	0.336	0.337	-	-0.3	20	97	-.01
Benzene	0.982	0.934	-	4.9	20	95	-.01
tert-Amyl methyl ether	0.648	0.581	-	10.3	20	91	0
1,2-Dichloroethane-d4	0.244	0.253	-	-3.7	20	110	-.01
1,2-Dichloroethane	0.329	0.304	-	7.6	20	95	-.01
Methyl cyclohexane	0.43	0.426	-	0.9	20	99	0
Trichloroethene	0.275	0.253	-	8	20	91	-.01
Dibromomethane	0.142	0.122	-	14.1	20	89	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2612196	
Project Name	: 547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391-001-003-02	
Instrument ID	: VOA126		Calibration Date	: 03/09/26 09:29	
Lab File ID	: V26260309A01		Init. Calib. Date(s)	: 01/15/26	01/16/26
Sample No	: WG2183848-2		Init. Calib. Times	: 17:51	00:58
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.268	0.267	-	0.4	20	101	0
Bromodichloromethane	0.357	0.317	-	11.2	20	88	0
1,4-Dioxane	0.00144	0.00124*	-	13.9	20	87	0
cis-1,3-Dichloropropene	0.399	0.371	-	7	20	91	-.01
Chlorobenzene-d5	1	1	-	0	20	96	-.01
Toluene-d8	1.302	1.395	-	-7.1	20	103	0
Toluene	0.868	0.836	-	3.7	20	91	-.01
4-Methyl-2-pentanone	0.089	0.092	-	-3.4	20	95	-.01
Tetrachloroethene	0.379	0.347	-	8.4	20	86	0
trans-1,3-Dichloropropene	0.442	0.43	-	2.7	20	89	0
Ethyl methacrylate	0.354	0.336	-	5.1	20	88	-.01
1,1,2-Trichloroethane	0.215	0.208	-	3.3	20	91	-.01
Chlorodibromomethane	0.326	0.292	-	10.4	20	82	0
1,3-Dichloropropane	0.435	0.422	-	3	20	92	0
1,2-Dibromoethane	0.243	0.229	-	5.8	20	86	0
2-Hexanone	0.149	0.158	-	-6	20	99	-.01
Chlorobenzene	0.953	0.9	-	5.6	20	88	0
Ethylbenzene	1.655	1.651	-	0.2	20	93	0
1,1,1,2-Tetrachloroethane	0.336	0.308	-	8.3	20	83	-.01
p/m Xylene	0.637	0.619	-	2.8	20	90	0
o Xylene	0.611	0.588	-	3.8	20	89	0
Styrene	1.01	0.969	-	4.1	20	86	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	92	0
Bromoform	0.394	0.342	-	13.2	20	76	0
Isopropylbenzene	3.265	3.361	-	-2.9	20	91	-.01
4-Bromofluorobenzene	0.972	1.01	-	-3.9	20	95	0
Bromobenzene	0.788	0.73	-	7.4	20	83	0
n-Propylbenzene	3.806	4.043	-	-6.2	20	95	0
1,4-Dichlorobutane	0.903	0.986	-	-9.2	20	97	0
1,1,2,2-Tetrachloroethane	0.601	0.604	-	-0.5	20	88	0
4-Ethyltoluene	3.108	3.223	-	-3.7	20	92	0
2-Chlorotoluene	2.505	2.549	-	-1.8	20	92	-.01
1,3,5-Trimethylbenzene	2.65	2.713	-	-2.4	20	91	0
1,2,3-Trichloropropane	0.439	0.435	-	0.9	20	90	0
trans-1,4-Dichloro-2-buten	0.187	0.198	-	-5.9	20	93	0
4-Chlorotoluene	2.342	2.346	-	-0.2	20	91	0
tert-Butylbenzene	2.293	2.311	-	-0.8	20	90	0
1,2,4-Trimethylbenzene	2.573	2.611	-	-1.5	20	91	0
sec-Butylbenzene	3.364	3.565	-	-6	20	93	0
p-Isopropyltoluene	2.882	2.962	-	-2.8	20	91	0
1,3-Dichlorobenzene	1.479	1.413	-	4.5	20	87	0
1,4-Dichlorobenzene	1.478	1.401	-	5.2	20	87	0
p-Diethylbenzene	1.746	1.823	-	-4.4	20	93	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		**Lab Number**	: L2612196	
Project Name	: 547 CONEY ISL./50 HINCKLEY		**Project Number**	: 0204391-001-003-02	
Instrument ID	: VOA126		**Calibration Date**	: 03/09/26 09:29	
Lab File ID	: V26260309A01		**Init. Calib. Date(s)**	: 01/15/26	01/16/26
Sample No	: WG2183848-2		**Init. Calib. Times**	: 17:51	00:58
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	3.214	3.467	-	-7.9	20	96	0
1,2-Dichlorobenzene	1.323	1.242	-	6.1	20	86	0
1,2,4,5-Tetramethylbenzene	2.53	2.635	-	-4.2	20	92	0
1,2-Dibromo-3-chloropropan	0.083	0.07	-	15.7	20	76	0
1,3,5-Trichlorobenzene	1.043	1.045	-	-0.2	20	92	0
Hexachlorobutadiene	0.508	0.51	-	-0.4	20	89	0
1,2,4-Trichlorobenzene	0.875	0.866	-	1	20	91	0
Naphthalene	1.565	1.484	-	5.2	20	86	0
1,2,3-Trichlorobenzene	0.735	0.715	-	2.7	20	88	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2612196	
Project Name	: 547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391-001-003-02	
Instrument ID	: VOA111		Calibration Date	: 03/10/26 08:00	
Lab File ID	: V11260310A02		Init. Calib. Date(s)	: 01/21/26	01/21/26
Sample No	: WG2183467-2		Init. Calib. Times	: 17:21	22:10
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	55	0
Dichlorodifluoromethane	0.24	0.28	-	-16.7	20	55	0
Chloromethane	0.259	0.33	-	-27.4*	20	62	0
Vinyl chloride	0.287	0.406	-	-41.5*	20	67	0
Bromomethane	0.22	0.233	-	-5.9	20	54	0
Chloroethane	0.173	0.206	-	-19.1	20	59	0
Trichlorofluoromethane	0.331	0.415	-	-25.4*	20	59	0
Ethyl ether	0.139	0.14	-	-0.7	20	49	0
1,1-Dichloroethene	0.204	0.222	-	-8.8	20	52	0
Carbon disulfide	0.765	0.798	-	-4.3	20	53	0
Freon-113	0.199	0.239	-	-20.1*	20	56	0
Acrolein	0.016	0.01	-	37.5*	20	31	0
Methylene chloride	0.276	0.268	-	2.9	20	52	0
Acetone	0.065	0.068	-	-4.6	20	61	-.01
trans-1,2-Dichloroethene	0.24	0.255	-	-6.3	20	52	0
Methyl acetate	0.12	0.126	-	-5	20	53	-.01
Methyl tert-butyl ether	0.74	0.731	-	1.2	20	50	0
tert-Butyl alcohol	0.025	0.021	-	16	20	46	0
Diisopropyl ether	0.811	0.916	-	-12.9	20	57	0
1,1-Dichloroethane	0.44	0.494	-	-12.3	20	56	0
Halothane	0.176	0.187	-	-6.3	20	51	0
Acrylonitrile	0.064	0.068	-	-6.3	20	59	-.04
Ethyl tert-butyl ether	0.805	0.818	-	-1.6	20	52	0
Vinyl acetate	0.572	0.595	-	-4	20	54	-.03
cis-1,2-Dichloroethene	0.274	0.275	-	-0.4	20	50	0
2,2-Dichloropropane	0.358	0.396	-	-10.6	20	54	0
Bromochloromethane	0.13	0.126	-	3.1	20	48	0
Cyclohexane	0.365	0.465	-	-27.4*	20	59	0
Chloroform	0.462	0.497	-	-7.6	20	56	0
Ethyl acetate	0.19	0.206	-	-8.4	20	56	-.03
Carbon tetrachloride	0.332	0.371	-	-11.7	20	53	0
Tetrahydrofuran	0.065	0.065	-	0	20	54	0
Dibromofluoromethane	0.249	0.26	-	-4.4	20	56	0
1,1,1-Trichloroethane	0.366	0.422	-	-15.3	20	55	0
2-Butanone	0.072	0.082	-	-13.9	20	64	-.04
1,1-Dichloropropene	0.293	0.344	-	-17.4	20	55	0
Benzene	0.952	1.006	-	-5.7	20	52	0
tert-Amyl methyl ether	0.746	0.694	-	7	20	48	0
1,2-Dichloroethane-d4	0.237	0.286	-	-20.7*	20	67	0
1,2-Dichloroethane	0.327	0.367	-	-12.2	20	58	0
Methyl cyclohexane	0.381	0.446	-	-17.1	20	54	0
Trichloroethene	0.257	0.272	-	-5.8	20	53	-.01
Dibromomethane	0.158	0.158	-	0	20	52	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2612196	
Project Name	: 547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391-001-003-02	
Instrument ID	: VOA111		Calibration Date	: 03/10/26 08:00	
Lab File ID	: V11260310A02		Init. Calib. Date(s)	: 01/21/26	01/21/26
Sample No	: WG2183467-2		Init. Calib. Times	: 17:21	22:10
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.255	0.269	-	-5.5	20	53	0
Bromodichloromethane	0.357	0.369	-	-3.4	20	51	0
1,4-Dioxane	0.00166	0.00177*	-	-6.6	20	56	-.03
cis-1,3-Dichloropropene	0.408	0.408	-	0	20	48	0
Chlorobenzene-d5	1	1	-	0	20	53	0
Toluene-d8	1.292	1.361	-	-5.3	20	56	0
Toluene	0.826	0.861	-	-4.2	20	52	0
4-Methyl-2-pentanone	0.103	0.096	-	6.8	20	48	-.01
Tetrachloroethene	0.332	0.349	-	-5.1	20	49	-.01
trans-1,3-Dichloropropene	0.493	0.498	-	-1	20	49	0
Ethyl methacrylate	0.378	0.356	-	5.8	20	45	-.02
1,1,2-Trichloroethane	0.248	0.25	-	-0.8	20	50	0
Chlorodibromomethane	0.364	0.352	-	3.3	20	47	0
1,3-Dichloropropane	0.492	0.511	-	-3.9	20	51	0
1,2-Dibromoethane	0.277	0.279	-	-0.7	20	47	-.01
2-Hexanone	0.151	0.138	-	8.6	20	46	-.07
Chlorobenzene	0.951	0.962	-	-1.2	20	49	0
Ethylbenzene	1.589	1.718	-	-8.1	20	53	0
1,1,1,2-Tetrachloroethane	0.363	0.351	-	3.3	20	48	0
p/m Xylene	0.6	0.646	-	-7.7	20	51	-.01
o Xylene	0.612	0.636	-	-3.9	20	51	0
Styrene	1.026	1.035	-	-0.9	20	49	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	51	0
Bromoform	0.447	0.395	-	11.6	20	42	0
Isopropylbenzene	2.98	3.308	-	-11	20	52	0
4-Bromofluorobenzene	0.915	0.936	-	-2.3	20	52	0
Bromobenzene	0.8	0.771	-	3.6	20	47	0
n-Propylbenzene	3.485	4.13	-	-18.5	20	55	0
1,4-Dichlorobutane	0.983	1.118	-	-13.7	20	55	0
1,1,2,2-Tetrachloroethane	0.717	0.75	-	-4.6	20	51	0
4-Ethyltoluene	2.939	3.292	-	-12	20	53	0
2-Chlorotoluene	2.123	2.338	-	-10.1	20	53	0
1,3,5-Trimethylbenzene	2.568	2.832	-	-10.3	20	53	0
1,2,3-Trichloropropane	0.551	0.599	-	-8.7	20	54	0
trans-1,4-Dichloro-2-buten	0.201	0.215	-	-7	20	54	0
4-Chlorotoluene	2.207	2.435	-	-10.3	20	52	0
tert-Butylbenzene	2.149	2.359	-	-9.8	20	51	0
1,2,4-Trimethylbenzene	2.531	2.747	-	-8.5	20	51	0
sec-Butylbenzene	3.17	3.662	-	-15.5	20	54	0
p-Isopropyltoluene	2.769	3.095	-	-11.8	20	52	0
1,3-Dichlorobenzene	1.493	1.518	-	-1.7	20	49	0
1,4-Dichlorobenzene	1.571	1.504	-	4.3	20	48	0
p-Diethylbenzene	1.644	1.791	-	-8.9	20	51	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		**Lab Number**	: L2612196	
Project Name	: 547 CONEY ISL./50 HINCKLEY		**Project Number**	: 0204391-001-003-02	
Instrument ID	: VOA111		**Calibration Date**	: 03/10/26 08:00	
Lab File ID	: V11260310A02		**Init. Calib. Date(s)**	: 01/21/26	01/21/26
Sample No	: WG2183467-2		**Init. Calib. Times**	: 17:21	22:10
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.499	2.925	-	-17	20	54	0
1,2-Dichlorobenzene	1.406	1.4	-	0.4	20	48	0
1,2,4,5-Tetramethylbenzene	2.509	2.495	-	0.6	20	47	0
1,2-Dibromo-3-chloropropan	0.107	0.093	-	13.1	20	42	0
1,3,5-Trichlorobenzene	1.044	1.011	-	3.2	20	46	0
Hexachlorobutadiene	0.469	0.461	-	1.7	20	45	0
1,2,4-Trichlorobenzene	0.841	0.76	-	9.6	20	43	0
Naphthalene	1.575	1.326	-	15.8	20	41	0
1,2,3-Trichlorobenzene	0.647	0.553	-	14.5	20	41	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2612196	
Project Name	: 547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391-001-003-02	
Instrument ID	: VOA111		Calibration Date	: 03/10/26 08:00	
Lab File ID	: V11260310A02		Init. Calib. Date(s)	: 01/21/26	01/21/26
Sample No	: WG2183816-2		Init. Calib. Times	: 17:21	22:10
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	55	0
Dichlorodifluoromethane	0.24	0.28	-	-16.7	20	55	0
Chloromethane	0.259	0.33	-	-27.4*	20	62	0
Vinyl chloride	0.287	0.406	-	-41.5*	20	67	0
Bromomethane	0.22	0.233	-	-5.9	20	54	0
Chloroethane	0.173	0.206	-	-19.1	20	59	0
Trichlorofluoromethane	0.331	0.415	-	-25.4*	20	59	0
Ethyl ether	0.139	0.14	-	-0.7	20	49	0
1,1-Dichloroethene	0.204	0.222	-	-8.8	20	52	0
Carbon disulfide	0.765	0.798	-	-4.3	20	53	0
Freon-113	0.199	0.239	-	-20.1*	20	56	0
Acrolein	0.016	0.01	-	37.5*	20	31	0
Methylene chloride	0.276	0.268	-	2.9	20	52	0
Acetone	0.065	0.068	-	-4.6	20	61	-.01
trans-1,2-Dichloroethene	0.24	0.255	-	-6.3	20	52	0
Methyl acetate	0.12	0.126	-	-5	20	53	-.01
Methyl tert-butyl ether	0.74	0.731	-	1.2	20	50	0
tert-Butyl alcohol	0.025	0.021	-	16	20	46	0
Diisopropyl ether	0.811	0.916	-	-12.9	20	57	0
1,1-Dichloroethane	0.44	0.494	-	-12.3	20	56	0
Halothane	0.176	0.187	-	-6.3	20	51	0
Acrylonitrile	0.064	0.068	-	-6.3	20	59	-.04
Ethyl tert-butyl ether	0.805	0.818	-	-1.6	20	52	0
Vinyl acetate	0.572	0.595	-	-4	20	54	-.03
cis-1,2-Dichloroethene	0.274	0.275	-	-0.4	20	50	0
2,2-Dichloropropane	0.358	0.396	-	-10.6	20	54	0
Bromochloromethane	0.13	0.126	-	3.1	20	48	0
Cyclohexane	0.365	0.465	-	-27.4*	20	59	0
Chloroform	0.462	0.497	-	-7.6	20	56	0
Ethyl acetate	0.19	0.206	-	-8.4	20	56	-.03
Carbon tetrachloride	0.332	0.371	-	-11.7	20	53	0
Tetrahydrofuran	0.065	0.065	-	0	20	54	0
Dibromofluoromethane	0.249	0.26	-	-4.4	20	56	0
1,1,1-Trichloroethane	0.366	0.422	-	-15.3	20	55	0
2-Butanone	0.072	0.082	-	-13.9	20	64	-.04
1,1-Dichloropropene	0.293	0.344	-	-17.4	20	55	0
Benzene	0.952	1.006	-	-5.7	20	52	0
tert-Amyl methyl ether	0.746	0.694	-	7	20	48	0
1,2-Dichloroethane-d4	0.237	0.286	-	-20.7*	20	67	0
1,2-Dichloroethane	0.327	0.367	-	-12.2	20	58	0
Methyl cyclohexane	0.381	0.446	-	-17.1	20	54	0
Trichloroethene	0.257	0.272	-	-5.8	20	53	-.01
Dibromomethane	0.158	0.158	-	0	20	52	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2612196	
Project Name	: 547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391-001-003-02	
Instrument ID	: VOA111		Calibration Date	: 03/10/26 08:00	
Lab File ID	: V11260310A02		Init. Calib. Date(s)	: 01/21/26	01/21/26
Sample No	: WG2183816-2		Init. Calib. Times	: 17:21	22:10
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.255	0.269	-	-5.5	20	53	0
Bromodichloromethane	0.357	0.369	-	-3.4	20	51	0
1,4-Dioxane	0.00166	0.00177*	-	-6.6	20	56	-.03
cis-1,3-Dichloropropene	0.408	0.408	-	0	20	48	0
Chlorobenzene-d5	1	1	-	0	20	53	0
Toluene-d8	1.292	1.361	-	-5.3	20	56	0
Toluene	0.826	0.861	-	-4.2	20	52	0
4-Methyl-2-pentanone	0.103	0.096	-	6.8	20	48	-.01
Tetrachloroethene	0.332	0.349	-	-5.1	20	49	-.01
trans-1,3-Dichloropropene	0.493	0.498	-	-1	20	49	0
Ethyl methacrylate	0.378	0.356	-	5.8	20	45	-.02
1,1,2-Trichloroethane	0.248	0.25	-	-0.8	20	50	0
Chlorodibromomethane	0.364	0.352	-	3.3	20	47	0
1,3-Dichloropropane	0.492	0.511	-	-3.9	20	51	0
1,2-Dibromoethane	0.277	0.279	-	-0.7	20	47	-.01
2-Hexanone	0.151	0.138	-	8.6	20	46	-.07
Chlorobenzene	0.951	0.962	-	-1.2	20	49	0
Ethylbenzene	1.589	1.718	-	-8.1	20	53	0
1,1,1,2-Tetrachloroethane	0.363	0.351	-	3.3	20	48	0
p/m Xylene	0.6	0.646	-	-7.7	20	51	-.01
o Xylene	0.612	0.636	-	-3.9	20	51	0
Styrene	1.026	1.035	-	-0.9	20	49	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	51	0
Bromoform	0.447	0.395	-	11.6	20	42	0
Isopropylbenzene	2.98	3.308	-	-11	20	52	0
4-Bromofluorobenzene	0.915	0.936	-	-2.3	20	52	0
Bromobenzene	0.8	0.771	-	3.6	20	47	0
n-Propylbenzene	3.485	4.13	-	-18.5	20	55	0
1,4-Dichlorobutane	0.983	1.118	-	-13.7	20	55	0
1,1,2,2-Tetrachloroethane	0.717	0.75	-	-4.6	20	51	0
4-Ethyltoluene	2.939	3.292	-	-12	20	53	0
2-Chlorotoluene	2.123	2.338	-	-10.1	20	53	0
1,3,5-Trimethylbenzene	2.568	2.832	-	-10.3	20	53	0
1,2,3-Trichloropropane	0.551	0.599	-	-8.7	20	54	0
trans-1,4-Dichloro-2-buten	0.201	0.215	-	-7	20	54	0
4-Chlorotoluene	2.207	2.435	-	-10.3	20	52	0
tert-Butylbenzene	2.149	2.359	-	-9.8	20	51	0
1,2,4-Trimethylbenzene	2.531	2.747	-	-8.5	20	51	0
sec-Butylbenzene	3.17	3.662	-	-15.5	20	54	0
p-Isopropyltoluene	2.769	3.095	-	-11.8	20	52	0
1,3-Dichlorobenzene	1.493	1.518	-	-1.7	20	49	0
1,4-Dichlorobenzene	1.571	1.504	-	4.3	20	48	0
p-Diethylbenzene	1.644	1.791	-	-8.9	20	51	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		**Lab Number**	: L2612196	
Project Name	: 547 CONEY ISL./50 HINCKLEY		**Project Number**	: 0204391-001-003-02	
Instrument ID	: VOA111		**Calibration Date**	: 03/10/26 08:00	
Lab File ID	: V11260310A02		**Init. Calib. Date(s)**	: 01/21/26	01/21/26
Sample No	: WG2183816-2		**Init. Calib. Times**	: 17:21	22:10
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.499	2.925	-	-17	20	54	0
1,2-Dichlorobenzene	1.406	1.4	-	0.4	20	48	0
1,2,4,5-Tetramethylbenzene	2.509	2.495	-	0.6	20	47	0
1,2-Dibromo-3-chloropropan	0.107	0.093	-	13.1	20	42	0
1,3,5-Trichlorobenzene	1.044	1.011	-	3.2	20	46	0
Hexachlorobutadiene	0.469	0.461	-	1.7	20	45	0
1,2,4-Trichlorobenzene	0.841	0.76	-	9.6	20	43	0
Naphthalene	1.575	1.326	-	15.8	20	41	0
1,2,3-Trichlorobenzene	0.647	0.553	-	14.5	20	41	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2612196	
Project Name	: 547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391-001-003-02	
Instrument ID	: VOA110		Calibration Date	: 03/10/26 13:16	
Lab File ID	: V10260310A01		Init. Calib. Date(s)	: 03/05/26	03/05/26
Sample No	: WG2183801-2		Init. Calib. Times	: 16:55	21:53
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	108	0
Dichlorodifluoromethane	0.15	0.221	-	-47.3*	20	167	0
Chloromethane	0.315	0.341	-	-8.3	20	130	0
Vinyl chloride	0.252	0.289	-	-14.7	20	128	0
Bromomethane	40	40.469	-	-1.2	20	116	0
Chloroethane	0.173	0.184	-	-6.4	20	116	0
Trichlorofluoromethane	0.263	0.309	-	-17.5	20	132	0
Ethyl ether	0.151	0.138	-	8.6	20	103	0
1,1-Dichloroethene	0.203	0.208	-	-2.5	20	121	0
Carbon disulfide	0.682	0.712	-	-4.4	20	121	0
Freon-113	0.173	0.205	-	-18.5	20	134	0
Acrolein	0.024	0.021	-	12.5	20	92	0
Methylene chloride	0.233	0.229	-	1.7	20	108	0
Acetone	40	36.892	-	7.8	20	99	0
trans-1,2-Dichloroethene	0.251	0.226	-	10	20	112	0
Methyl acetate	0.282	0.238	-	15.6	20	99	0
Methyl tert-butyl ether	0.781	0.678	-	13.2	20	99	0
tert-Butyl alcohol	0.057	0.041	-	28.1*	20	88	0
Diisopropyl ether	1.04	0.989	-	4.9	20	104	0
1,1-Dichloroethane	0.477	0.455	-	4.6	20	109	0
Halothane	0.179	0.178	-	0.6	20	113	0
Acrylonitrile	0.129	0.107	-	17.1	20	97	0
Ethyl tert-butyl ether	0.878	0.822	-	6.4	20	102	0
Vinyl acetate	0.845	0.779	-	7.8	20	100	0
cis-1,2-Dichloroethene	0.278	0.257	-	7.6	20	107	0
2,2-Dichloropropane	0.354	0.354	-	0	20	116	0
Bromochloromethane	0.133	0.122	-	8.3	20	104	0
Cyclohexane	0.446	0.502	-	-12.6	20	137	0
Chloroform	0.445	0.388	-	12.8	20	107	0
Ethyl acetate	0.394	0.335	-	15	20	96	0
Carbon tetrachloride	0.288	0.313	-	-8.7	20	123	0
Tetrahydrofuran	0.138	0.114	-	17.4	20	95	0
Dibromofluoromethane	0.262	0.242	-	7.6	20	105	0
1,1,1-Trichloroethane	0.364	0.338	-	7.1	20	117	0
2-Butanone	0.176	0.144	-	18.2	20	93	0
1,1-Dichloropropene	0.293	0.316	-	-7.8	20	119	0
Benzene	0.964	0.924	-	4.1	20	108	0
tert-Amyl methyl ether	0.729	0.666	-	8.6	20	101	0
1,2-Dichloroethane-d4	0.279	0.265	-	5	20	108	0
1,2-Dichloroethane	0.334	0.303	-	9.3	20	103	0
Methyl cyclohexane	0.382	0.428	-	-12	20	133	0
Trichloroethene	40	40.493	-	-1.2	20	111	0
Dibromomethane	0.152	0.134	-	11.8	20	102	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2612196	
Project Name	: 547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391-001-003-02	
Instrument ID	: VOA110		Calibration Date	: 03/10/26 13:16	
Lab File ID	: V10260310A01		Init. Calib. Date(s)	: 03/05/26	03/05/26
Sample No	: WG2183801-2		Init. Calib. Times	: 16:55	21:53
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.28	0.258	-	7.9	20	103	0
2-Chloroethyl vinyl ether	0.189	0.064	-	66.1*	20	38	0
Bromodichloromethane	40	37.629	-	5.9	20	104	0
1,4-Dioxane	0.00322	0.00269*	-	16.5	20	86	0
cis-1,3-Dichloropropene	0.418	0.392	-	6.2	20	103	0
Chlorobenzene-d5	1	1	-	0	20	100	0
Toluene-d8	1.197	1.283	-	-7.2	20	106	0
Toluene	0.739	0.767	-	-3.8	20	108	0
4-Methyl-2-pentanone	0.151	0.144	-	4.6	20	95	0
Tetrachloroethene	0.287	0.33	-	-15	20	118	0
trans-1,3-Dichloropropene	0.449	0.463	-	-3.1	20	102	0
Ethyl methacrylate	0.453	0.408	-	9.9	20	97	0
1,1,2-Trichloroethane	0.241	0.221	-	8.3	20	98	0
Chlorodibromomethane	0.325	0.325	-	0	20	101	0
1,3-Dichloropropane	0.468	0.469	-	-0.2	20	98	0
1,2-Dibromoethane	0.264	0.277	-	-4.9	20	100	0
2-Hexanone	0.316	0.289	-	8.5	20	94	0
Chlorobenzene	0.86	0.878	-	-2.1	20	106	0
Ethylbenzene	1.392	1.472	-	-5.7	20	111	0
1,1,1,2-Tetrachloroethane	0.307	0.325	-	-5.9	20	105	0
p/m Xylene	0.573	0.591	-	-3.1	20	111	0
o Xylene	0.563	0.573	-	-1.8	20	108	0
Styrene	0.967	0.975	-	-0.8	20	105	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	100	0
Bromoform	0.395	0.384	-	2.8	20	98	0
Isopropylbenzene	2.474	2.678	-	-8.2	20	114	0
4-Bromofluorobenzene	0.873	0.858	-	1.7	20	99	0
Bromobenzene	0.659	0.692	-	-5	20	107	0
n-Propylbenzene	2.889	3.246	-	-12.4	20	117	0
1,4-Dichlorobutane	1.079	1.086	-	-0.6	20	104	0
1,1,2,2-Tetrachloroethane	0.768	0.698	-	9.1	20	99	0
4-Ethyltoluene	2.486	2.748	-	-10.5	20	115	0
2-Chlorotoluene	1.764	1.835	-	-4	20	110	0
1,3,5-Trimethylbenzene	2.125	2.295	-	-8	20	113	0
1,2,3-Trichloropropane	0.567	0.537	-	5.3	20	100	0
trans-1,4-Dichloro-2-buten	0.259	0.245	-	5.4	20	100	0
4-Chlorotoluene	1.838	1.95	-	-6.1	20	111	0
tert-Butylbenzene	1.898	2.121	-	-11.7	20	117	0
1,2,4-Trimethylbenzene	2.13	2.283	-	-7.2	20	112	0
sec-Butylbenzene	2.694	3.053	-	-13.3	20	119	0
p-Isopropyltoluene	2.499	2.808	-	-12.4	20	118	0
1,3-Dichlorobenzene	1.293	1.373	-	-6.2	20	109	0
1,4-Dichlorobenzene	1.325	1.404	-	-6	20	111	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		**Lab Number**	: L2612196	
Project Name	: 547 CONEY ISL./50 HINCKLEY		**Project Number**	: 0204391-001-003-02	
Instrument ID	: VOA110		**Calibration Date**	: 03/10/26 13:16	
Lab File ID	: V10260310A01		**Init. Calib. Date(s)**	: 03/05/26	03/05/26
Sample No	: WG2183801-2		**Init. Calib. Times**	: 16:55	21:53
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.532	1.714	-	-11.9	20	116	0
n-Butylbenzene	2.146	2.446	-	-14	20	119	0
1,2-Dichlorobenzene	1.239	1.292	-	-4.3	20	106	0
1,2,4,5-Tetramethylbenzene	2.438	2.641	-	-8.3	20	111	0
1,2-Dibromo-3-chloropropan	0.147	0.139	-	5.4	20	97	0
1,3,5-Trichlorobenzene	0.936	1.029	-	-9.9	20	114	0
Hexachlorobutadiene	0.398	0.465	-	-16.8	20	120	0
1,2,4-Trichlorobenzene	0.873	0.936	-	-7.2	20	110	0
Naphthalene	2.528	2.493	-	1.4	20	102	0
1,2,3-Trichlorobenzene	0.832	0.861	-	-3.5	20	107	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2612196	
Project Name	: 547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391-001-003-02	
Instrument ID	: VOA111		Calibration Date	: 03/11/26 12:59	
Lab File ID	: V11260311B01		Init. Calib. Date(s)	: 01/21/26	01/21/26
Sample No	: WG2183467-9		Init. Calib. Times	: 17:21	22:10
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	101	0
Dichlorodifluoromethane	0.24	0.23	-	4.2	20	83	0
Chloromethane	0.259	0.324	-	-25.1*	20	111	0
Vinyl chloride	0.287	0.26	-	9.4	20	79	0
Bromomethane	0.22	0.139	-	36.8*	20	59	0
Chloroethane	0.173	0.184	-	-6.4	20	97	0
Trichlorofluoromethane	0.331	0.34	-	-2.7	20	88	0
Ethyl ether	0.139	0.147	-	-5.8	20	95	0
1,1-Dichloroethene	0.204	0.199	-	2.5	20	85	0
Carbon disulfide	0.765	0.735	-	3.9	20	90	0
Freon-113	0.199	0.201	-	-1	20	86	0
Acrolein	0.016	0.013	-	18.8	20	72	0
Methylene chloride	0.276	0.262	-	5.1	20	92	0
Acetone	0.065	0.088	-	-35.4*	20	145	-.02
trans-1,2-Dichloroethene	0.24	0.234	-	2.5	20	87	0
Methyl acetate	0.12	0.14	-	-16.7	20	107	-.01
Methyl tert-butyl ether	0.74	0.762	-	-3	20	95	0
tert-Butyl alcohol	0.025	0.022	-	12	20	88	0
Diisopropyl ether	0.811	1.011	-	-24.7*	20	116	0
1,1-Dichloroethane	0.44	0.492	-	-11.8	20	101	0
Halothane	0.176	0.165	-	6.2	20	83	0
Acrylonitrile	0.064	0.075	-	-17.2	20	118	-.04
Ethyl tert-butyl ether	0.805	0.882	-	-9.6	20	102	0
Vinyl acetate	0.572	0.628	-	-9.8	20	105	-.03
cis-1,2-Dichloroethene	0.274	0.266	-	2.9	20	88	0
2,2-Dichloropropane	0.358	0.376	-	-5	20	94	0
Bromochloromethane	0.13	0.12	-	7.7	20	84	0
Cyclohexane	0.365	0.42	-	-15.1	20	98	0
Chloroform	0.462	0.465	-	-0.6	20	96	0
Ethyl acetate	0.19	0.22	-	-15.8	20	109	-.03
Carbon tetrachloride	0.332	0.324	-	2.4	20	85	0
Tetrahydrofuran	0.065	0.078	-	-20	20	119	0
Dibromofluoromethane	0.249	0.249	-	0	20	99	-.01
1,1,1-Trichloroethane	0.366	0.379	-	-3.6	20	91	0
2-Butanone	0.072	0.081	-	-12.5	20	114	-.04
1,1-Dichloropropene	0.293	0.325	-	-10.9	20	95	-.01
Benzene	0.952	0.989	-	-3.9	20	93	0
tert-Amyl methyl ether	0.746	0.721	-	3.4	20	91	0
1,2-Dichloroethane-d4	0.237	0.273	-	-15.2	20	117	0
1,2-Dichloroethane	0.327	0.354	-	-8.3	20	102	0
Methyl cyclohexane	0.381	0.384	-	-0.8	20	85	0
Trichloroethene	0.257	0.255	-	0.8	20	90	-.01
Dibromomethane	0.158	0.149	-	5.7	20	89	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		Lab Number	: L2612196	
Project Name	: 547 CONEY ISL./50 HINCKLEY		Project Number	: 0204391-001-003-02	
Instrument ID	: VOA111		Calibration Date	: 03/11/26 12:59	
Lab File ID	: V11260311B01		Init. Calib. Date(s)	: 01/21/26	01/21/26
Sample No	: WG2183467-9		Init. Calib. Times	: 17:21	22:10
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.255	0.275	-	-7.8	20	99	0
Bromodichloromethane	0.357	0.358	-	-0.3	20	90	0
1,4-Dioxane	0.00166	0.0018*	-	-8.4	20	105	-.04
cis-1,3-Dichloropropene	0.408	0.431	-	-5.6	20	92	-.01
Chlorobenzene-d5	1	1	-	0	20	94	0
Toluene-d8	1.292	1.39	-	-7.6	20	101	0
Toluene	0.826	0.844	-	-2.2	20	90	0
4-Methyl-2-pentanone	0.103	0.103	-	0	20	92	0
Tetrachloroethene	0.332	0.31	-	6.6	20	77	-.01
trans-1,3-Dichloropropene	0.493	0.525	-	-6.5	20	91	-.01
Ethyl methacrylate	0.378	0.381	-	-0.8	20	86	-.02
1,1,2-Trichloroethane	0.248	0.256	-	-3.2	20	92	0
Chlorodibromomethane	0.364	0.35	-	3.8	20	82	0
1,3-Dichloropropane	0.492	0.526	-	-6.9	20	94	0
1,2-Dibromoethane	0.277	0.285	-	-2.9	20	85	-.02
2-Hexanone	0.151	0.171	-	-13.2	20	101	-.07
Chlorobenzene	0.951	0.94	-	1.2	20	86	0
Ethylbenzene	1.589	1.625	-	-2.3	20	89	0
1,1,1,2-Tetrachloroethane	0.363	0.342	-	5.8	20	83	0
p/m Xylene	0.6	0.606	-	-1	20	85	-.01
o Xylene	0.612	0.602	-	1.6	20	85	0
Styrene	1.026	1.008	-	1.8	20	84	-.01
1,4-Dichlorobenzene-d4	1	1	-	0	20	85	0
Bromoform	0.447	0.395	-	11.6	20	70	0
Isopropylbenzene	2.98	3.215	-	-7.9	20	85	0
4-Bromofluorobenzene	0.915	1.057	-	-15.5	20	98	0
Bromobenzene	0.8	0.765	-	4.4	20	77	0
n-Propylbenzene	3.485	3.89	-	-11.6	20	87	0
1,4-Dichlorobutane	0.983	1.205	-	-22.6*	20	100	0
1,1,2,2-Tetrachloroethane	0.717	0.768	-	-7.1	20	86	0
4-Ethyltoluene	2.939	3.195	-	-8.7	20	85	0
2-Chlorotoluene	2.123	2.36	-	-11.2	20	90	0
1,3,5-Trimethylbenzene	2.568	2.741	-	-6.7	20	85	0
1,2,3-Trichloropropane	0.551	0.602	-	-9.3	20	90	-.01
trans-1,4-Dichloro-2-buten	0.201	0.209	-	-4	20	87	-.01
4-Chlorotoluene	2.207	2.501	-	-13.3	20	90	0
tert-Butylbenzene	2.149	2.254	-	-4.9	20	82	0
1,2,4-Trimethylbenzene	2.531	2.734	-	-8	20	85	0
sec-Butylbenzene	3.17	3.375	-	-6.5	20	82	0
p-Isopropyltoluene	2.769	2.919	-	-5.4	20	82	0
1,3-Dichlorobenzene	1.493	1.487	-	0.4	20	80	0
1,4-Dichlorobenzene	1.571	1.478	-	5.9	20	78	0
p-Diethylbenzene	1.644	1.702	-	-3.5	20	80	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Haley & Aldrich		**Lab Number**	: L2612196	
Project Name	: 547 CONEY ISL./50 HINCKLEY		**Project Number**	: 0204391-001-003-02	
Instrument ID	: VOA111		**Calibration Date**	: 03/11/26 12:59	
Lab File ID	: V11260311B01		**Init. Calib. Date(s)**	: 01/21/26	01/21/26
Sample No	: WG2183467-9		**Init. Calib. Times**	: 17:21	22:10
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.499	2.759	-	-10.4	20	85	0
1,2-Dichlorobenzene	1.406	1.401	-	0.4	20	80	0
1,2,4,5-Tetramethylbenzene	2.509	2.578	-	-2.8	20	82	0
1,2-Dibromo-3-chloropropan	0.107	0.094	-	12.1	20	71	0
1,3,5-Trichlorobenzene	1.044	0.995	-	4.7	20	76	0
Hexachlorobutadiene	0.469	0.46	-	1.9	20	76	0
1,2,4-Trichlorobenzene	0.841	0.772	-	8.2	20	73	0
Naphthalene	1.575	1.463	-	7.1	20	75	0
1,2,3-Trichlorobenzene	0.647	0.569	-	12.1	20	71	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183398-2
Misc : WG2183398,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	104	0.00
2	TP	Dichlorodifluoromethane	0.292	0.169	42.1#	56	0.00
4	TP	Chloromethane	0.302	0.283	6.3	96	0.00
5	TP	Vinyl chloride	0.331	0.308	6.9	89	0.00
6	TP	Bromomethane	0.212	0.176	17.0	90	0.00
7	TP	Chloroethane	0.202	0.195	3.5	95	0.00
8	TP	Trichlorofluoromethane	0.382	0.357	6.5	90	0.00
9	TP	Ethyl ether	0.127	0.122	3.9	98	0.00
11	TP	1,1-Dichloroethene	0.232	0.215	7.3	92	0.00
12	TP	Carbon disulfide	0.813	0.756	7.0	93	0.00
13	TP	Freon-113	0.229	0.224	2.2	96	0.00
15	TP	Acrolein	0.015	0.013	13.3	89	0.00
17	TP	Methylene chloride	0.288	0.239	17.0	95	0.00
19	TP	Acetone	* 40.000	38.574	3.6	99	0.00
20	TP	trans-1,2-Dichloroethene	0.262	0.243	7.3	92	0.00
21	TP	Methyl acetate	0.112	0.117	-4.5	110	0.00
23	TP	Methyl tert-butyl ether	0.639	0.588	8.0	94	0.00
24	TP	tert-Butyl alcohol	0.021	0.018	14.3	90	-0.02
25	TP	Diisopropyl ether	0.755	0.839	-11.1	111	-0.01
26	TP	1,1-Dichloroethane	0.483	0.480	0.6	101	-0.01
27	TP	Halothane	0.197	0.180	8.6	90	-0.01
28	TP	Acrylonitrile	0.062	0.065	-4.8	109	-0.01
29	TP	Ethyl tert-butyl ether	0.762	0.760	0.3	101	0.00
30	TP	Vinyl acetate	0.395	0.408	-3.3	105	0.00
31	TP	cis-1,2-Dichloroethene	0.288	0.254	11.8	91	0.00
32	TP	2,2-Dichloropropane	0.394	0.366	7.1	94	0.00
33	TP	Bromochloromethane	0.121	0.104	14.0	88	-0.01
34	TP	Cyclohexane	0.446	0.501	-12.3	112	-0.01
35	TP	Chloroform	0.498	0.431	13.5	93	0.00
36	TP	Ethyl acetate	0.153	0.156	-2.0	106	-0.01
37	TP	Carbon tetrachloride	0.371	0.328	11.6	87	0.00
38	TP	Tetrahydrofuran	0.050	0.048	4.0	107	0.00
39	S	Dibromofluoromethane	0.247	0.247	0.0	104	0.00
40	TP	1,1,1-Trichloroethane	0.404	0.371	8.2	90	-0.01
42	TP	2-Butanone	0.075	0.070	6.7	107	-0.01
43	TP	1,1-Dichloropropene	0.336	0.337	-0.3	97	-0.01
45	TP	Benzene	0.982	0.934	4.9	95	-0.01
46	TP	tert-Amyl methyl ether	0.648	0.581	10.3	91	0.00
47	S	1,2-Dichloroethane-d4	0.244	0.253	-3.7	110	-0.01

Evaluate Continuing Calibration Report

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183398-2
Misc : WG2183398,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	TP	1,2-Dichloroethane	0.329	0.304	7.6	95	-0.01
51	TP	Methyl cyclohexane	0.430	0.426	0.9	99	0.00
52	TP	Trichloroethene	0.275	0.253	8.0	91	-0.01
54	TP	Dibromomethane	0.142	0.122	14.1	89	0.00
55	TP	1,2-Dichloropropane	0.268	0.267	0.4	101	0.00
58	TP	Bromodichloromethane	0.357	0.317	11.2	88	0.00
61	TP	1,4-Dioxane	0.00144	0.00124#	13.9	87	0.00
62	TP	cis-1,3-Dichloropropene	0.399	0.371	7.0	91	-0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	96	-0.01
65	S	Toluene-d8	1.302	1.395	-7.1	103	0.00
66	TP	Toluene	0.868	0.836	3.7	91	-0.01
67	TP	4-Methyl-2-pentanone	0.089	0.092	-3.4	95	-0.01
68	TP	Tetrachloroethene	0.379	0.347	8.4	86	0.00
71	TP	trans-1,3-Dichloropropene	0.442	0.430	2.7	89	0.00
74	TP	Ethyl methacrylate	0.354	0.336	5.1	88	-0.01
75	TP	1,1,2-Trichloroethane	0.215	0.208	3.3	91	-0.01
76	TP	Chlorodibromomethane	0.326	0.292	10.4	82	0.00
77	TP	1,3-Dichloropropane	0.435	0.422	3.0	92	0.00
78	TP	1,2-Dibromoethane	0.243	0.229	5.8	86	0.00
80	TP	2-Hexanone	0.149	0.158	-6.0	99	-0.01
82	TP	Chlorobenzene	0.953	0.900	5.6	88	0.00
83	TP	Ethylbenzene	1.655	1.651	0.2	93	0.00
84	TP	1,1,1,2-Tetrachloroethane	0.336	0.308	8.3	83	-0.01
85	TP	p/m Xylene	0.637	0.619	2.8	90	0.00
86	TP	o Xylene	0.611	0.588	3.8	89	0.00
87	TP	Styrene	1.010	0.969	4.1	86	0.00
88	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
89	TP	Bromoform	0.394	0.342	13.2	76	0.00
91	TP	Isopropylbenzene	3.265	3.361	-2.9	91	-0.01
92	S	4-Bromofluorobenzene	0.972	1.010	-3.9	95	0.00
93	TP	Bromobenzene	0.788	0.730	7.4	83	0.00
95	TP	n-Propylbenzene	3.806	4.043	-6.2	95	0.00
96	TP	1,4-Dichlorobutane	0.903	0.986	-9.2	97	0.00
97	TP	1,1,2,2-Tetrachloroethane	0.601	0.604	-0.5	88	0.00
98	TP	4-Ethyltoluene	3.108	3.223	-3.7	92	0.00
99	TP	2-Chlorotoluene	2.505	2.549	-1.8	92	-0.01
100	TP	1,3,5-Trimethylbenzene	2.650	2.713	-2.4	91	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183398-2
Misc : WG2183398,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
101 TP	1,2,3-Trichloropropane	0.439	0.435	0.9	90	0.00
102 TP	trans-1,4-Dichloro-2-butene	0.187	0.198	-5.9	93	0.00
103 TP	4-Chlorotoluene	2.342	2.346	-0.2	91	0.00
104 TP	tert-Butylbenzene	2.293	2.311	-0.8	90	0.00
107 TP	1,2,4-Trimethylbenzene	2.573	2.611	-1.5	91	0.00
109 TP	sec-Butylbenzene	3.364	3.565	-6.0	93	0.00
110 TP	p-Isopropyltoluene	2.882	2.962	-2.8	91	0.00
111 TP	1,3-Dichlorobenzene	1.479	1.413	4.5	87	0.00
112 TP	1,4-Dichlorobenzene	1.478	1.401	5.2	87	0.00
115 TP	p-Diethylbenzene	1.746	1.823	-4.4	93	0.00
116 TP	n-Butylbenzene	3.214	3.467	-7.9	96	0.00
118 TP	1,2-Dichlorobenzene	1.323	1.242	6.1	86	0.00
120 TP	1,2,4,5-Tetramethylbenzene	2.530	2.635	-4.2	92	0.00
121 TP	1,2-Dibromo-3-chloropropane	0.083	0.070	15.7	76	0.00
122 TP	1,3,5-Trichlorobenzene	1.043	1.045	-0.2	92	0.00
124 TP	Hexachlorobutadiene	0.508	0.510	-0.4	89	0.00
125 TP	1,2,4-Trichlorobenzene	0.875	0.866	1.0	91	0.00
126 TP	Naphthalene	1.565	1.484	5.2	86	0.00
127 TP	1,2,3-Trichlorobenzene	0.735	0.715	2.7	88	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183398-2
Misc : WG2183398,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	11.262	96	1096647	20.000	ug/L	0.00
Standard Area 1 = 1096647			Recovery = 100.00%			
63) Chlorobenzene-d5	17.936	117	791330	20.000	ug/L	-0.01
Standard Area 1 = 791330			Recovery = 100.00%			
88) 1,4-Dichlorobenzene-d4	23.586	152	374599	20.000	ug/L	0.00
Standard Area 1 = 374599			Recovery = 100.00%			
System Monitoring Compounds						
39) Dibromofluoromethane	9.637	113	271051	20.052	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.26%			
47) 1,2-Dichloroethane-d4	10.624	65	277033	20.727	ug/L	-0.01
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.64%			
65) Toluene-d8	14.581	98	1103928	21.431	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.16%			
92) 4-Bromofluorobenzene	20.769	95	378223	20.782	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.91%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.584	85	371567M1	23.232	ug/L	
4) Chloromethane	3.033	50	621329	37.565	ug/L	93
5) Vinyl chloride	3.103	62	676261	37.297	ug/L	99
6) Bromomethane	3.794	94	385066	33.124	ug/L	97
7) Chloroethane	3.925	64	427791	38.666	ug/L	96
8) Trichlorofluoromethane	4.346	101	782738	37.408	ug/L	98
9) Ethyl ether	4.876	74	267576	38.348	ug/L	91
11) 1,1-Dichloroethene	5.442	96	471265	37.089	ug/L	84
12) Carbon disulfide	6.343	76	1657891	37.176	ug/L	100
13) Freon-113	5.122	101	492241	39.182	ug/L	95
15) Acrolein	5.133	56	28349	34.153	ug/L	99
17) Methylene chloride	6.357	84	524276	33.184	ug/L	92
19) Acetone	5.255	43	125778	38.574	ug/L	98
20) trans-1,2-Dichloroethene	6.901	96	532417	37.047	ug/L	89
21) Methyl acetate	6.089	43	255786	41.560	ug/L	98
23) Methyl tert-butyl ether	6.636	73	1290527	36.838	ug/L	97
24) tert-Butyl alcohol	5.615	59	197419	172.108	ug/L	96
25) Diisopropyl ether	7.512	45	1840995	44.482	ug/L	99
26) 1,1-Dichloroethane	7.718	63	1053594	39.788	ug/L	99
27) Halothane	6.828	117	393751	36.438	ug/L	100
28) Acrylonitrile	6.611	53	142706	42.202	ug/L	98

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183398-2
Misc : WG2183398,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Ethyl tert-butyl ether	8.304	59	1666021	39.862	ug/L	96
30) Vinyl acetate	7.746	43	895790	41.390	ug/L	98
31) cis-1,2-Dichloroethene	8.900	96	556768	35.240	ug/L	92
32) 2,2-Dichloropropane	8.800	77	801972	37.150	ug/L	98
33) Bromochloromethane	9.528	128	228273	34.436	ug/L	87
34) Cyclohexane	9.982	56	1099709	44.983	ug/L	90
35) Chloroform	9.204	83	945452	34.626	ug/L	99
36) Ethyl acetate	8.898	43	343215	40.966	ug/L	99
37) Carbon tetrachloride	10.473	117	720123	35.386	ug/L	99
38) Tetrahydrofuran	9.617	42	106295	39.066	ug/L	96
40) 1,1,1-Trichloroethane	9.977	97	814064	36.789	ug/L	97
42) 2-Butanone	8.563	43	152660	37.209	ug/L	98
43) 1,1-Dichloropropene	10.289	75	738313	40.062	ug/L	97
45) Benzene	10.825	78	2048174	38.053	ug/L	98
46) tert-Amyl methyl ether	10.529	73	1273950	35.876	ug/L	95
48) 1,2-Dichloroethane	10.813	62	667089	36.923	ug/L	98
51) Methyl cyclohexane	12.163	83	935093	39.655	ug/L	89
52) Trichloroethene	12.063	95	554344	36.792	ug/L	95
54) Dibromomethane	13.036	93	268439	34.574	ug/L	98
55) 1,2-Dichloropropane	12.439	63	586165	39.953	ug/L	98
58) Bromodichloromethane	12.924	83	694942	35.478	ug/L	99
61) 1,4-Dioxane	12.991	88	135453	1717.345	ug/L	87
62) cis-1,3-Dichloropropene	14.082	75	814691	37.193	ug/L	99
66) Toluene	14.751	92	1322645	38.507	ug/L	97
67) 4-Methyl-2-pentanone	13.655	58	145360	41.060	ug/L	95
68) Tetrachloroethene	16.170	166	549965	36.653	ug/L	98
71) trans-1,3-Dichloropropene	15.180	75	680907	38.928	ug/L	96
74) Ethyl methacrylate	15.175	69	531670	37.957	ug/L	98
75) 1,1,2-Trichloroethane	15.509	83	329975	38.840	ug/L	96
76) Chlorodibromomethane	16.633	129	462330	35.883	ug/L	99
77) 1,3-Dichloropropane	16.073	76	668382	38.870	ug/L	99
78) 1,2-Dibromoethane	17.082	107	362855	37.673	ug/L	99
80) 2-Hexanone	15.546	43	250336	42.394	ug/L	96
82) Chlorobenzene	18.022	112	1424450	37.767	ug/L	98
83) Ethylbenzene	18.153	91	2612341	39.892	ug/L	95
84) 1,1,1,2-Tetrachloroethane	18.131	131	486877	36.633	ug/L	99
85) p/m Xylene	18.332	106	1958523	77.720	ug/L	86
86) o Xylene	19.336	106	1860841	76.976	ug/L	84
87) Styrene	19.425	104	3068555	76.790	ug/L	97
89) Bromoform	20.189	173	256331	34.748	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183398-2
Misc : WG2183398,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Isopropylbenzene	20.178	105	2517817	41.177	ug/L	96
93) Bromobenzene	21.201	156	546552	37.041	ug/L	100
95) n-Propylbenzene	21.129	91	3028923	42.486	ug/L	94
96) 1,4-Dichlorobutane	20.429	55	738763	43.686	ug/L	99
97) 1,1,2,2-Tetrachloroethane	20.607	83	452165	40.147	ug/L	99
98) 4-Ethyltoluene	21.405	105	2414606	41.484	ug/L	96
99) 2-Chlorotoluene	21.527	91	1909821	40.704	ug/L	96
100) 1,3,5-Trimethylbenzene	21.514	105	2032897	40.954	ug/L	96
101) 1,2,3-Trichloropropane	20.959	75	325767	39.582	ug/L	96
102) trans-1,4-Dichloro-2-b...	21.145	53	148212	42.206	ug/L	89
103) 4-Chlorotoluene	21.650	91	1757846	40.068	ug/L	95
104) tert-Butylbenzene	22.353	119	1731052	40.304	ug/L	98
107) 1,2,4-Trimethylbenzene	22.445	105	1956194	40.589	ug/L	95
109) sec-Butylbenzene	22.866	105	2670651	42.382	ug/L	95
110) p-Isopropyltoluene	23.209	119	2219293	41.116	ug/L	98
111) 1,3-Dichlorobenzene	23.401	146	1058594	38.224	ug/L	99
112) 1,4-Dichlorobenzene	23.658	146	1049385	37.917	ug/L	99
115) p-Diethylbenzene	24.213	119	1365605	41.761	ug/L	99
116) n-Butylbenzene	24.188	91	2597435	43.146	ug/L	96
118) 1,2-Dichlorobenzene	24.517	146	930252	37.543	ug/L	99
120) 1,2,4,5-Tetramethylben...	25.934	119	1974095	41.661	ug/L	95
121) 1,2-Dibromo-3-chloropr...	26.279	155	52797	34.161	ug/L	99
122) 1,3,5-Trichlorobenzene	26.751	180	783192	40.109	ug/L	99
124) Hexachlorobutadiene	28.226	225	381913	40.141	ug/L	99
125) 1,2,4-Trichlorobenzene	27.967	180	648578	39.575	ug/L	99
126) Naphthalene	28.421	128	1111691	37.929	ug/L	100
127) 1,2,3-Trichlorobenzene	28.859	180	535862	38.899	ug/L	99

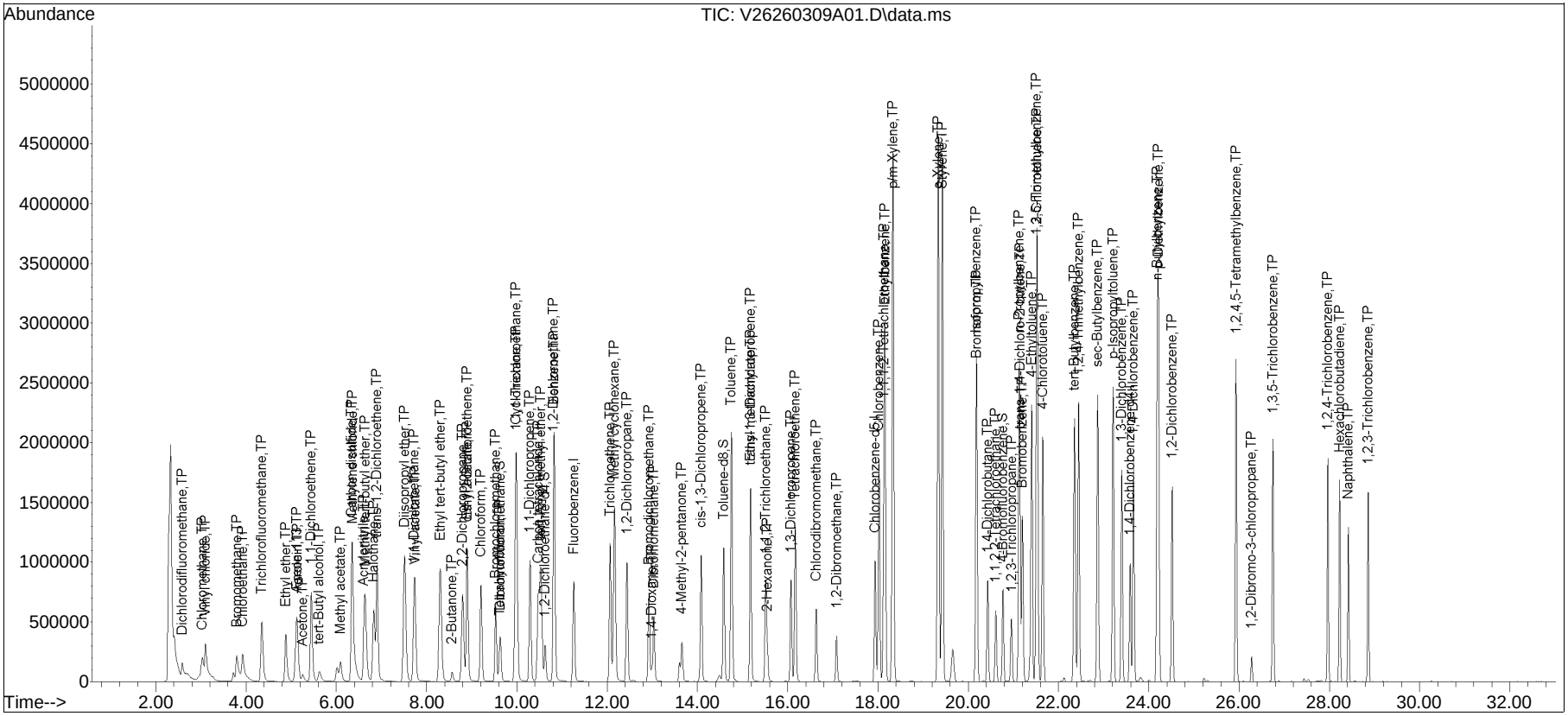
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183398-2
Misc : WG2183398,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

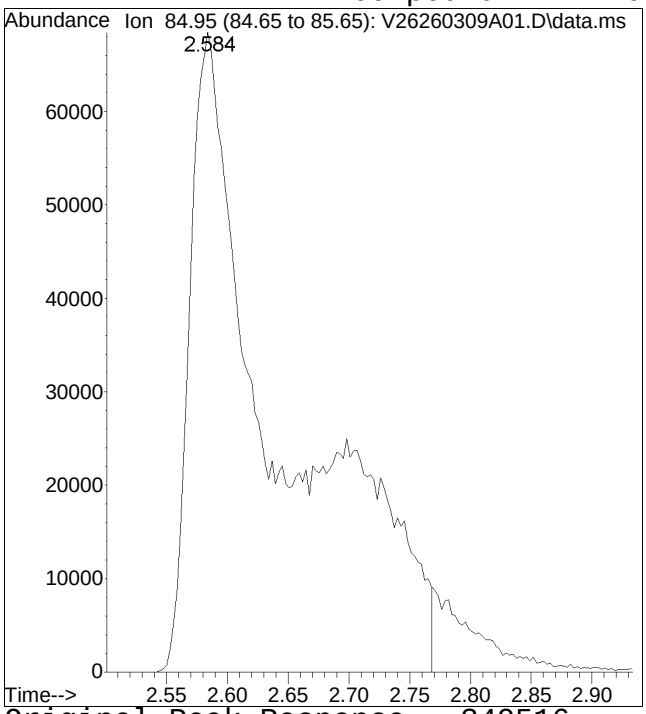
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane



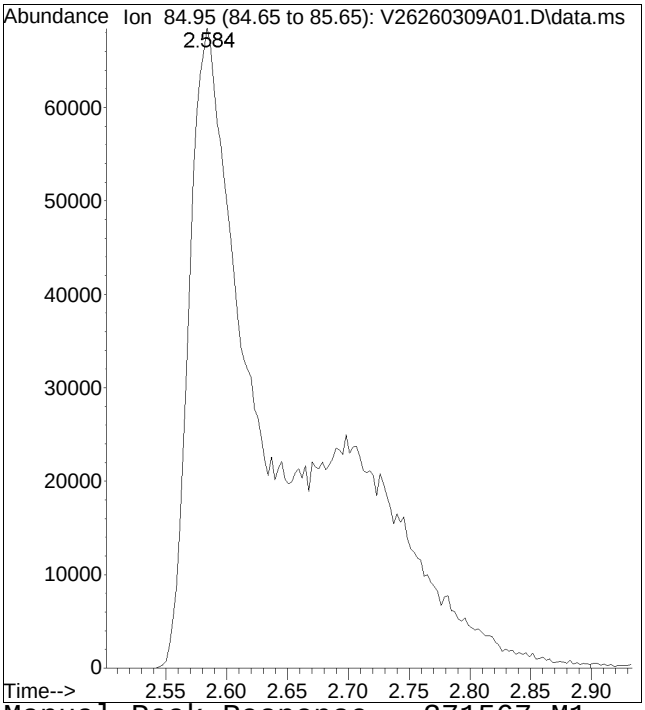
Manual Integration Report

Data Path	: K:\VOA126\2026\260309A\	QMethod	: V126_260115A_8260.m
Data File	: V26260309A01.D	Operator	: VOA126:TMH
Date Inj'd	: 3/9/2026 9:29 am	Instrument	: VOA126
Sample	: WG2183398-2	Quant Date	: 3/9/2026 10:09 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 349516



Manual Peak Response = 371567 M1

M1 = Peak Integration was less than it should be

Evaluate Continuing Calibration Report

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183848-2
Misc : WG2183848,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	104	0.00
2	TP	Dichlorodifluoromethane	0.292	0.169	42.1#	56	0.00
4	TP	Chloromethane	0.302	0.283	6.3	96	0.00
5	TP	Vinyl chloride	0.331	0.308	6.9	89	0.00
6	TP	Bromomethane	0.212	0.176	17.0	90	0.00
7	TP	Chloroethane	0.202	0.195	3.5	95	0.00
8	TP	Trichlorofluoromethane	0.382	0.357	6.5	90	0.00
9	TP	Ethyl ether	0.127	0.122	3.9	98	0.00
11	TP	1,1-Dichloroethene	0.232	0.215	7.3	92	0.00
12	TP	Carbon disulfide	0.813	0.756	7.0	93	0.00
13	TP	Freon-113	0.229	0.224	2.2	96	0.00
15	TP	Acrolein	0.015	0.013	13.3	89	0.00
17	TP	Methylene chloride	0.288	0.239	17.0	95	0.00
19	TP	Acetone	* 40.000	38.574	3.6	99	0.00
20	TP	trans-1,2-Dichloroethene	0.262	0.243	7.3	92	0.00
21	TP	Methyl acetate	0.112	0.117	-4.5	110	0.00
23	TP	Methyl tert-butyl ether	0.639	0.588	8.0	94	0.00
24	TP	tert-Butyl alcohol	0.021	0.018	14.3	90	-0.02
25	TP	Diisopropyl ether	0.755	0.839	-11.1	111	-0.01
26	TP	1,1-Dichloroethane	0.483	0.480	0.6	101	-0.01
27	TP	Halothane	0.197	0.180	8.6	90	-0.01
28	TP	Acrylonitrile	0.062	0.065	-4.8	109	-0.01
29	TP	Ethyl tert-butyl ether	0.762	0.760	0.3	101	0.00
30	TP	Vinyl acetate	0.395	0.408	-3.3	105	0.00
31	TP	cis-1,2-Dichloroethene	0.288	0.254	11.8	91	0.00
32	TP	2,2-Dichloropropane	0.394	0.366	7.1	94	0.00
33	TP	Bromochloromethane	0.121	0.104	14.0	88	-0.01
34	TP	Cyclohexane	0.446	0.501	-12.3	112	-0.01
35	TP	Chloroform	0.498	0.431	13.5	93	0.00
36	TP	Ethyl acetate	0.153	0.156	-2.0	106	-0.01
37	TP	Carbon tetrachloride	0.371	0.328	11.6	87	0.00
38	TP	Tetrahydrofuran	0.050	0.048	4.0	107	0.00
39	S	Dibromofluoromethane	0.247	0.247	0.0	104	0.00
40	TP	1,1,1-Trichloroethane	0.404	0.371	8.2	90	-0.01
42	TP	2-Butanone	0.075	0.070	6.7	107	-0.01
43	TP	1,1-Dichloropropene	0.336	0.337	-0.3	97	-0.01
45	TP	Benzene	0.982	0.934	4.9	95	-0.01
46	TP	tert-Amyl methyl ether	0.648	0.581	10.3	91	0.00
47	S	1,2-Dichloroethane-d4	0.244	0.253	-3.7	110	-0.01

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183848-2
Misc : WG2183848,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	TP	1,2-Dichloroethane	0.329	0.304	7.6	95	-0.01
51	TP	Methyl cyclohexane	0.430	0.426	0.9	99	0.00
52	TP	Trichloroethene	0.275	0.253	8.0	91	-0.01
54	TP	Dibromomethane	0.142	0.122	14.1	89	0.00
55	TP	1,2-Dichloropropane	0.268	0.267	0.4	101	0.00
58	TP	Bromodichloromethane	0.357	0.317	11.2	88	0.00
61	TP	1,4-Dioxane	0.00144	0.00124#	13.9	87	0.00
62	TP	cis-1,3-Dichloropropene	0.399	0.371	7.0	91	-0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	96	-0.01
65	S	Toluene-d8	1.302	1.395	-7.1	103	0.00
66	TP	Toluene	0.868	0.836	3.7	91	-0.01
67	TP	4-Methyl-2-pentanone	0.089	0.092	-3.4	95	-0.01
68	TP	Tetrachloroethene	0.379	0.347	8.4	86	0.00
71	TP	trans-1,3-Dichloropropene	0.442	0.430	2.7	89	0.00
74	TP	Ethyl methacrylate	0.354	0.336	5.1	88	-0.01
75	TP	1,1,2-Trichloroethane	0.215	0.208	3.3	91	-0.01
76	TP	Chlorodibromomethane	0.326	0.292	10.4	82	0.00
77	TP	1,3-Dichloropropane	0.435	0.422	3.0	92	0.00
78	TP	1,2-Dibromoethane	0.243	0.229	5.8	86	0.00
80	TP	2-Hexanone	0.149	0.158	-6.0	99	-0.01
82	TP	Chlorobenzene	0.953	0.900	5.6	88	0.00
83	TP	Ethylbenzene	1.655	1.651	0.2	93	0.00
84	TP	1,1,1,2-Tetrachloroethane	0.336	0.308	8.3	83	-0.01
85	TP	p/m Xylene	0.637	0.619	2.8	90	0.00
86	TP	o Xylene	0.611	0.588	3.8	89	0.00
87	TP	Styrene	1.010	0.969	4.1	86	0.00
88	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
89	TP	Bromoform	0.394	0.342	13.2	76	0.00
91	TP	Isopropylbenzene	3.265	3.361	-2.9	91	-0.01
92	S	4-Bromofluorobenzene	0.972	1.010	-3.9	95	0.00
93	TP	Bromobenzene	0.788	0.730	7.4	83	0.00
95	TP	n-Propylbenzene	3.806	4.043	-6.2	95	0.00
96	TP	1,4-Dichlorobutane	0.903	0.986	-9.2	97	0.00
97	TP	1,1,2,2-Tetrachloroethane	0.601	0.604	-0.5	88	0.00
98	TP	4-Ethyltoluene	3.108	3.223	-3.7	92	0.00
99	TP	2-Chlorotoluene	2.505	2.549	-1.8	92	-0.01
100	TP	1,3,5-Trimethylbenzene	2.650	2.713	-2.4	91	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183848-2
Misc : WG2183848,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
101 TP	1,2,3-Trichloropropane	0.439	0.435	0.9	90	0.00
102 TP	trans-1,4-Dichloro-2-butene	0.187	0.198	-5.9	93	0.00
103 TP	4-Chlorotoluene	2.342	2.346	-0.2	91	0.00
104 TP	tert-Butylbenzene	2.293	2.311	-0.8	90	0.00
107 TP	1,2,4-Trimethylbenzene	2.573	2.611	-1.5	91	0.00
109 TP	sec-Butylbenzene	3.364	3.565	-6.0	93	0.00
110 TP	p-Isopropyltoluene	2.882	2.962	-2.8	91	0.00
111 TP	1,3-Dichlorobenzene	1.479	1.413	4.5	87	0.00
112 TP	1,4-Dichlorobenzene	1.478	1.401	5.2	87	0.00
115 TP	p-Diethylbenzene	1.746	1.823	-4.4	93	0.00
116 TP	n-Butylbenzene	3.214	3.467	-7.9	96	0.00
118 TP	1,2-Dichlorobenzene	1.323	1.242	6.1	86	0.00
120 TP	1,2,4,5-Tetramethylbenzene	2.530	2.635	-4.2	92	0.00
121 TP	1,2-Dibromo-3-chloropropane	0.083	0.070	15.7	76	0.00
122 TP	1,3,5-Trichlorobenzene	1.043	1.045	-0.2	92	0.00
124 TP	Hexachlorobutadiene	0.508	0.510	-0.4	89	0.00
125 TP	1,2,4-Trichlorobenzene	0.875	0.866	1.0	91	0.00
126 TP	Naphthalene	1.565	1.484	5.2	86	0.00
127 TP	1,2,3-Trichlorobenzene	0.735	0.715	2.7	88	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183848-2
Misc : WG2183848,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	11.262	96	1096647	20.000	ug/L	0.00
Standard Area 1 = 1096647			Recovery = 100.00%			
63) Chlorobenzene-d5	17.936	117	791330	20.000	ug/L	-0.01
Standard Area 1 = 791330			Recovery = 100.00%			
88) 1,4-Dichlorobenzene-d4	23.586	152	374599	20.000	ug/L	0.00
Standard Area 1 = 374599			Recovery = 100.00%			
System Monitoring Compounds						
39) Dibromofluoromethane	9.637	113	271051	20.052	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.26%			
47) 1,2-Dichloroethane-d4	10.624	65	277033	20.727	ug/L	-0.01
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.64%			
65) Toluene-d8	14.581	98	1103928	21.431	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.16%			
92) 4-Bromofluorobenzene	20.769	95	378223	20.782	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.91%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.584	85	371567M1	23.232	ug/L	
4) Chloromethane	3.033	50	621329	37.565	ug/L	93
5) Vinyl chloride	3.103	62	676261	37.297	ug/L	99
6) Bromomethane	3.794	94	385066	33.124	ug/L	97
7) Chloroethane	3.925	64	427791	38.666	ug/L	96
8) Trichlorofluoromethane	4.346	101	782738	37.408	ug/L	98
9) Ethyl ether	4.876	74	267576	38.348	ug/L	91
11) 1,1-Dichloroethene	5.442	96	471265	37.089	ug/L	84
12) Carbon disulfide	6.343	76	1657891	37.176	ug/L	100
13) Freon-113	5.122	101	492241	39.182	ug/L	95
15) Acrolein	5.133	56	28349	34.153	ug/L	99
17) Methylene chloride	6.357	84	524276	33.184	ug/L	92
19) Acetone	5.255	43	125778	38.574	ug/L	98
20) trans-1,2-Dichloroethene	6.901	96	532417	37.047	ug/L	89
21) Methyl acetate	6.089	43	255786	41.560	ug/L	98
23) Methyl tert-butyl ether	6.636	73	1290527	36.838	ug/L	97
24) tert-Butyl alcohol	5.615	59	197419	172.108	ug/L	96
25) Diisopropyl ether	7.512	45	1840995	44.482	ug/L	99
26) 1,1-Dichloroethane	7.718	63	1053594	39.788	ug/L	99
27) Halothane	6.828	117	393751	36.438	ug/L	100
28) Acrylonitrile	6.611	53	142706	42.202	ug/L	98

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183848-2
Misc : WG2183848,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Ethyl tert-butyl ether	8.304	59	1666021	39.862	ug/L	96
30) Vinyl acetate	7.746	43	895790	41.390	ug/L	98
31) cis-1,2-Dichloroethene	8.900	96	556768	35.240	ug/L	92
32) 2,2-Dichloropropane	8.800	77	801972	37.150	ug/L	98
33) Bromochloromethane	9.528	128	228273	34.436	ug/L	87
34) Cyclohexane	9.982	56	1099709	44.983	ug/L	90
35) Chloroform	9.204	83	945452	34.626	ug/L	99
36) Ethyl acetate	8.898	43	343215	40.966	ug/L	99
37) Carbon tetrachloride	10.473	117	720123	35.386	ug/L	99
38) Tetrahydrofuran	9.617	42	106295	39.066	ug/L	96
40) 1,1,1-Trichloroethane	9.977	97	814064	36.789	ug/L	97
42) 2-Butanone	8.563	43	152660	37.209	ug/L	98
43) 1,1-Dichloropropene	10.289	75	738313	40.062	ug/L	97
45) Benzene	10.825	78	2048174	38.053	ug/L	98
46) tert-Amyl methyl ether	10.529	73	1273950	35.876	ug/L	95
48) 1,2-Dichloroethane	10.813	62	667089	36.923	ug/L	98
51) Methyl cyclohexane	12.163	83	935093	39.655	ug/L	89
52) Trichloroethene	12.063	95	554344	36.792	ug/L	95
54) Dibromomethane	13.036	93	268439	34.574	ug/L	98
55) 1,2-Dichloropropane	12.439	63	586165	39.953	ug/L	98
58) Bromodichloromethane	12.924	83	694942	35.478	ug/L	99
61) 1,4-Dioxane	12.991	88	135453	1717.345	ug/L	87
62) cis-1,3-Dichloropropene	14.082	75	814691	37.193	ug/L	99
66) Toluene	14.751	92	1322645	38.507	ug/L	97
67) 4-Methyl-2-pentanone	13.655	58	145360	41.060	ug/L	95
68) Tetrachloroethene	16.170	166	549965	36.653	ug/L	98
71) trans-1,3-Dichloropropene	15.180	75	680907	38.928	ug/L	96
74) Ethyl methacrylate	15.175	69	531670	37.957	ug/L	98
75) 1,1,2-Trichloroethane	15.509	83	329975	38.840	ug/L	96
76) Chlorodibromomethane	16.633	129	462330	35.883	ug/L	99
77) 1,3-Dichloropropane	16.073	76	668382	38.870	ug/L	99
78) 1,2-Dibromoethane	17.082	107	362855	37.673	ug/L	99
80) 2-Hexanone	15.546	43	250336	42.394	ug/L	96
82) Chlorobenzene	18.022	112	1424450	37.767	ug/L	98
83) Ethylbenzene	18.153	91	2612341	39.892	ug/L	95
84) 1,1,1,2-Tetrachloroethane	18.131	131	486877	36.633	ug/L	99
85) p/m Xylene	18.332	106	1958523	77.720	ug/L	86
86) o Xylene	19.336	106	1860841	76.976	ug/L	84
87) Styrene	19.425	104	3068555	76.790	ug/L	97
89) Bromoform	20.189	173	256331	34.748	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183848-2
Misc : WG2183848,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Isopropylbenzene	20.178	105	2517817	41.177	ug/L	96
93) Bromobenzene	21.201	156	546552	37.041	ug/L	100
95) n-Propylbenzene	21.129	91	3028923	42.486	ug/L	94
96) 1,4-Dichlorobutane	20.429	55	738763	43.686	ug/L	99
97) 1,1,2,2-Tetrachloroethane	20.607	83	452165	40.147	ug/L	99
98) 4-Ethyltoluene	21.405	105	2414606	41.484	ug/L	96
99) 2-Chlorotoluene	21.527	91	1909821	40.704	ug/L	96
100) 1,3,5-Trimethylbenzene	21.514	105	2032897	40.954	ug/L	96
101) 1,2,3-Trichloropropane	20.959	75	325767	39.582	ug/L	96
102) trans-1,4-Dichloro-2-b...	21.145	53	148212	42.206	ug/L	89
103) 4-Chlorotoluene	21.650	91	1757846	40.068	ug/L	95
104) tert-Butylbenzene	22.353	119	1731052	40.304	ug/L	98
107) 1,2,4-Trimethylbenzene	22.445	105	1956194	40.589	ug/L	95
109) sec-Butylbenzene	22.866	105	2670651	42.382	ug/L	95
110) p-Isopropyltoluene	23.209	119	2219293	41.116	ug/L	98
111) 1,3-Dichlorobenzene	23.401	146	1058594	38.224	ug/L	99
112) 1,4-Dichlorobenzene	23.658	146	1049385	37.917	ug/L	99
115) p-Diethylbenzene	24.213	119	1365605	41.761	ug/L	99
116) n-Butylbenzene	24.188	91	2597435	43.146	ug/L	96
118) 1,2-Dichlorobenzene	24.517	146	930252	37.543	ug/L	99
120) 1,2,4,5-Tetramethylben...	25.934	119	1974095	41.661	ug/L	95
121) 1,2-Dibromo-3-chloropr...	26.279	155	52797	34.161	ug/L	99
122) 1,3,5-Trichlorobenzene	26.751	180	783192	40.109	ug/L	99
124) Hexachlorobutadiene	28.226	225	381913	40.141	ug/L	99
125) 1,2,4-Trichlorobenzene	27.967	180	648578	39.575	ug/L	99
126) Naphthalene	28.421	128	1111691	37.929	ug/L	100
127) 1,2,3-Trichlorobenzene	28.859	180	535862	38.899	ug/L	99

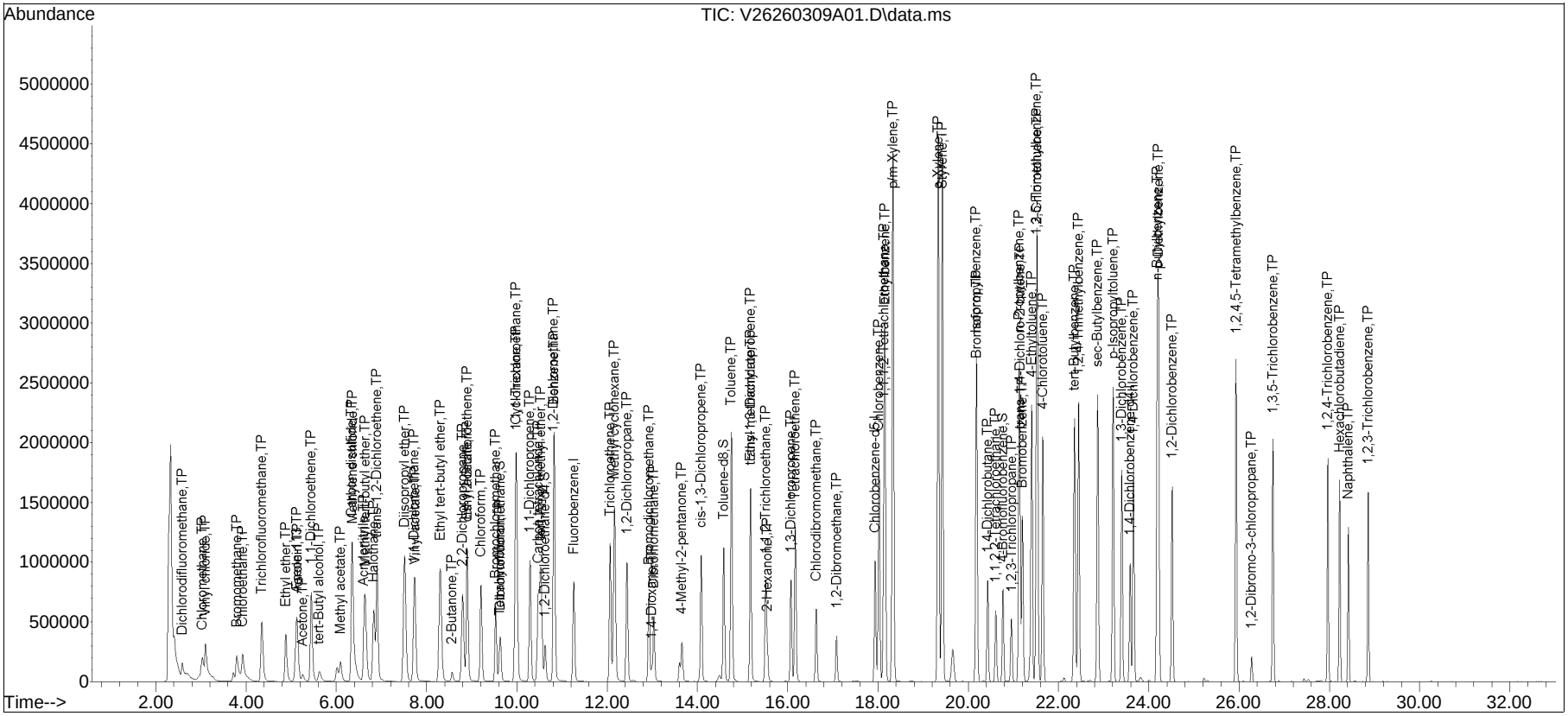
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183848-2
Misc : WG2183848,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

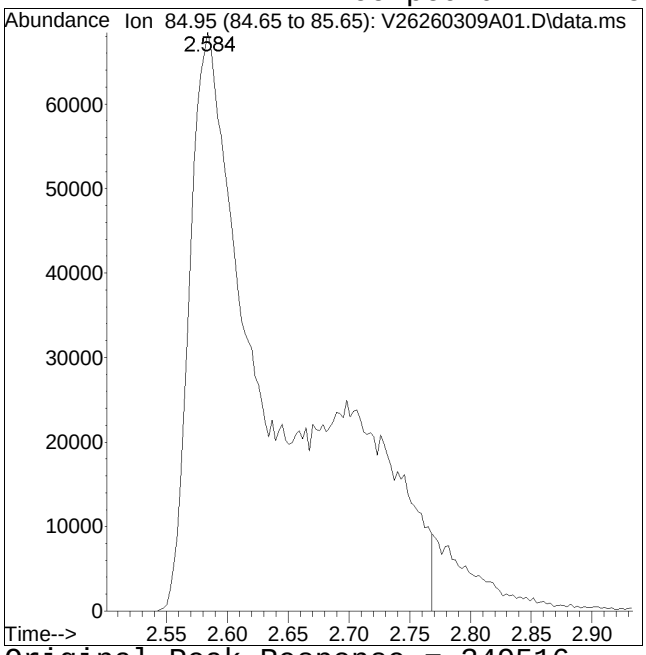
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

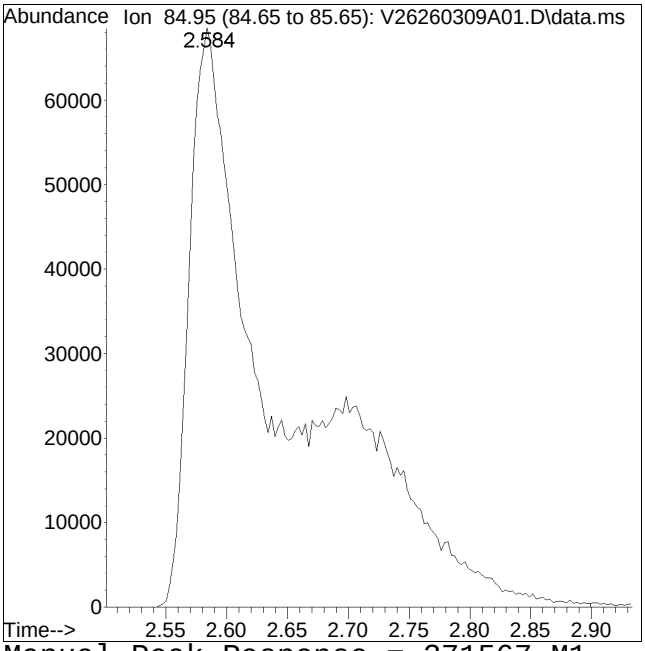


Manual Integration Report

Data Path	: K:\VOA126\2026\260309A\	QMethod	: V126_260115A_8260.m
Data File	: V26260309A01.D	Operator	: VOA126:TMH
Date Inj'd	: 3/9/2026 9:29 am	Instrument	: VOA126
Sample	: WG2183848-2	Quant Date	: 3/9/2026 10:09 am

Compound #2: Dichlorodifluoromethane





Original Peak Response = 349516 Manual Peak Response = 371567 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Evaluate Continuing Calibration Report

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183467-2
Misc : WG2183467,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	55	0.00
2	TP	Dichlorodifluoromethane	0.240	0.280	-16.7	55	0.00
3	TP	Chloromethane	0.259	0.330	-27.4#	62	0.00
4	TP	Vinyl chloride	0.287	0.406	-41.5#	67	0.00
5	TP	Bromomethane	0.220	0.233	-5.9	54	0.00
6	TP	Chloroethane	0.173	0.206	-19.1	59	0.00
7	TP	Trichlorofluoromethane	0.331	0.415	-25.4#	59	0.00
8	TP	Ethyl ether	0.139	0.140	-0.7	49#	0.00
10	TP	1,1-Dichloroethene	0.204	0.222	-8.8	52	0.00
11	TP	Carbon disulfide	0.765	0.798	-4.3	53	0.00
12	TP	Freon-113	0.199	0.239	-20.1#	56	0.00
14	TP	Acrolein	0.016	0.010	37.5#	31#	0.00
15	TP	Methylene chloride	0.276	0.268	2.9	52	0.00
17	TP	Acetone	0.065	0.068	-4.6	61	-0.01
18	TP	trans-1,2-Dichloroethene	0.240	0.255	-6.3	52	0.00
19	TP	Methyl acetate	0.120	0.126	-5.0	53	-0.01
20	TP	Methyl tert-butyl ether	0.740	0.731	1.2	50	0.00
21	TP	tert-Butyl alcohol	0.025	0.021	16.0	46#	0.00
22	TP	Diisopropyl ether	0.811	0.916	-12.9	57	0.00
23	TP	1,1-Dichloroethane	0.440	0.494	-12.3	56	0.00
24	TP	Halothane	0.176	0.187	-6.3	51	0.00
25	TP	Acrylonitrile	0.064	0.068	-6.3	59	-0.04
26	TP	Ethyl tert-butyl ether	0.805	0.818	-1.6	52	0.00
27	TP	Vinyl acetate	0.572	0.595	-4.0	54	-0.03
28	TP	cis-1,2-Dichloroethene	0.274	0.275	-0.4	50#	0.00
29	TP	2,2-Dichloropropane	0.358	0.396	-10.6	54	0.00
30	TP	Bromochloromethane	0.130	0.126	3.1	48#	0.00
31	TP	Cyclohexane	0.365	0.465	-27.4#	59	0.00
32	TP	Chloroform	0.462	0.497	-7.6	56	0.00
33	TP	Ethyl acetate	0.190	0.206	-8.4	56	-0.03
34	TP	Carbon tetrachloride	0.332	0.371	-11.7	53	0.00
35	TP	Tetrahydrofuran	0.065	0.065	0.0	54	0.00
36	S	Dibromofluoromethane	0.249	0.260	-4.4	56	0.00
37	TP	1,1,1-Trichloroethane	0.366	0.422	-15.3	55	0.00
39	TP	2-Butanone	0.072	0.082	-13.9	64	-0.04
40	TP	1,1-Dichloropropene	0.293	0.344	-17.4	55	0.00
41	TP	Benzene	0.952	1.006	-5.7	52	0.00
42	TP	tert-Amyl methyl ether	0.746	0.694	7.0	48#	0.00
43	S	1,2-Dichloroethane-d4	0.237	0.286	-20.7#	67	0.00

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183467-2
Misc : WG2183467,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.327	0.367	-12.2	58	0.00
47	TP	Methyl cyclohexane	0.381	0.446	-17.1	54	0.00
48	TP	Trichloroethene	0.257	0.272	-5.8	53	-0.01
50	TP	Dibromomethane	0.158	0.158	0.0	52	0.00
51	TP	1,2-Dichloropropane	0.255	0.269	-5.5	53	0.00
54	TP	Bromodichloromethane	0.357	0.369	-3.4	51	0.00
57	TP	1,4-Dioxane	0.00166	0.00177#	-6.6	56	-0.03
58	TP	cis-1,3-Dichloropropene	0.408	0.408	0.0	48#	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	53	0.00
60	S	Toluene-d8	1.292	1.361	-5.3	56	0.00
61	TP	Toluene	0.826	0.861	-4.2	52	0.00
62	TP	4-Methyl-2-pentanone	0.103	0.096	6.8	48#	-0.01
63	TP	Tetrachloroethene	0.332	0.349	-5.1	49#	-0.01
65	TP	trans-1,3-Dichloropropene	0.493	0.498	-1.0	49#	0.00
67	TP	Ethyl methacrylate	0.378	0.356	5.8	45#	-0.02
68	TP	1,1,2-Trichloroethane	0.248	0.250	-0.8	50	0.00
69	TP	Chlorodibromomethane	0.364	0.352	3.3	47#	0.00
70	TP	1,3-Dichloropropane	0.492	0.511	-3.9	51	0.00
71	TP	1,2-Dibromoethane	0.277	0.279	-0.7	47#	-0.01
72	TP	2-Hexanone	0.151	0.138	8.6	46#	-0.07
73	TP	Chlorobenzene	0.951	0.962	-1.2	49#	0.00
74	TP	Ethylbenzene	1.589	1.718	-8.1	53	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.363	0.351	3.3	48#	0.00
76	TP	p/m Xylene	0.600	0.646	-7.7	51	-0.01
77	TP	o Xylene	0.612	0.636	-3.9	51	0.00
78	TP	Styrene	1.026	1.035	-0.9	49#	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	51	0.00
80	TP	Bromoform	0.447	0.395	11.6	42#	0.00
82	TP	Isopropylbenzene	2.980	3.308	-11.0	52	0.00
83	S	4-Bromofluorobenzene	0.915	0.936	-2.3	52	0.00
84	TP	Bromobenzene	0.800	0.771	3.6	47#	0.00
85	TP	n-Propylbenzene	3.485	4.130	-18.5	55	0.00
86	TP	1,4-Dichlorobutane	0.983	1.118	-13.7	55	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.717	0.750	-4.6	51	0.00
88	TP	4-Ethyltoluene	2.939	3.292	-12.0	53	0.00
89	TP	2-Chlorotoluene	2.123	2.338	-10.1	53	0.00
90	TP	1,3,5-Trimethylbenzene	2.568	2.832	-10.3	53	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183467-2
Misc : WG2183467,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 TP	1,2,3-Trichloropropane	0.551	0.599	-8.7	54	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.201	0.215	-7.0	54	0.00
93 TP	4-Chlorotoluene	2.207	2.435	-10.3	52	0.00
94 TP	tert-Butylbenzene	2.149	2.359	-9.8	51	0.00
97 TP	1,2,4-Trimethylbenzene	2.531	2.747	-8.5	51	0.00
98 TP	sec-Butylbenzene	3.170	3.662	-15.5	54	0.00
99 TP	p-Isopropyltoluene	2.769	3.095	-11.8	52	0.00
100 TP	1,3-Dichlorobenzene	1.493	1.518	-1.7	49#	0.00
101 TP	1,4-Dichlorobenzene	1.571	1.504	4.3	48#	0.00
102 TP	p-Diethylbenzene	1.644	1.791	-8.9	51	0.00
103 TP	n-Butylbenzene	2.499	2.925	-17.0	54	0.00
104 TP	1,2-Dichlorobenzene	1.406	1.400	0.4	48#	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.509	2.495	0.6	47#	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.107	0.093	13.1	42#	0.00
107 TP	1,3,5-Trichlorobenzene	1.044	1.011	3.2	46#	0.00
108 TP	Hexachlorobutadiene	0.469	0.461	1.7	45#	0.00
109 TP	1,2,4-Trichlorobenzene	0.841	0.760	9.6	43#	0.00
110 TP	Naphthalene	1.575	1.326	15.8	41#	0.00
111 TP	1,2,3-Trichlorobenzene	0.647	0.553	14.5	41#	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183467-2
Misc : WG2183467,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.201	96	173144	20.000	ug/L	0.00
Standard Area 1 = 173144			Recovery = 100.00%			
59) Chlorobenzene-d5	9.771	117	127198	20.000	ug/L	0.00
Standard Area 1 = 127198			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.428	152	64537	20.000	ug/L	0.00
Standard Area 1 = 64537			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.376	113	44949	20.820	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.10%			
43) 1,2-Dichloroethane-d4	5.911	65	49448	24.145	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 120.72%			
60) Toluene-d8	7.913	98	173102	21.072	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.36%			
83) 4-Bromofluorobenzene	11.240	95	60424	20.461	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.31%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.658	85	97050	46.662	ug/L	99
3) Chloromethane	1.882	50	114270	50.900	ug/L	97
4) Vinyl chloride	1.940	62	140525	56.550	ug/L	98
5) Bromomethane	2.272	94	80599	42.323	ug/L	99
6) Chloroethane	2.400	64	71238	47.648	ug/L	97
7) Trichlorofluoromethane	2.554	101	143868	50.179	ug/L	98
8) Ethyl ether	2.866	74	48342	40.292	ug/L	78
10) 1,1-Dichloroethene	3.070	96	76859	43.600	ug/L	91
11) Carbon disulfide	3.103	76	276241	41.707	ug/L	99
12) Freon-113	3.106	101	82797	48.168	ug/L	94
14) Acrolein	3.410	56	3585M1	25.413	ug/L	
15) Methylene chloride	3.638	84	92789	38.847	ug/L	77
17) Acetone	3.686	43	23618	41.721	ug/L	97
18) trans-1,2-Dichloroethene	3.803	96	88420	42.536	ug/L	89
19) Methyl acetate	3.806	43	43632	41.903	ug/L #	84
20) Methyl tert-butyl ether	3.898	73	253291	39.546	ug/L	88
21) tert-Butyl alcohol	3.979	59	36027	169.651	ug/L	93
22) Diisopropyl ether	4.266	45	317102	45.156	ug/L #	91
23) 1,1-Dichloroethane	4.397	63	171054	44.911	ug/L	97
24) Halothane	4.444	117	64793	42.635	ug/L	100
25) Acrylonitrile	4.447	53	23456M1	42.099	ug/L	

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183467-2
Misc : WG2183467,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.623	59	283236	40.643	ug/L		96
27) Vinyl acetate	4.637	43	206045	41.595	ug/L	#	95
28) cis-1,2-Dichloroethene	4.927	96	95096	40.073	ug/L		89
29) 2,2-Dichloropropane	5.036	77	137301	44.306	ug/L		96
30) Bromochloromethane	5.128	128	43540	38.747	ug/L	#	79
31) Cyclohexane	5.142	56	160878	50.849	ug/L		72
32) Chloroform	5.197	83	172226	43.093	ug/L		97
33) Ethyl acetate	5.309	43	71400	43.334	ug/L	#	91
34) Carbon tetrachloride	5.342	117	128340	44.610	ug/L		97
35) Tetrahydrofuran	5.353	42	22576	40.145	ug/L	#	71
37) 1,1,1-Trichloroethane	5.406	97	145995	46.056	ug/L		99
39) 2-Butanone	5.498	43	28541M1	45.785	ug/L		
40) 1,1-Dichloropropene	5.535	75	119175	47.045	ug/L		98
41) Benzene	5.780	78	348325	42.250	ug/L		92
42) tert-Amyl methyl ether	5.886	73	240170	37.201	ug/L		94
44) 1,2-Dichloroethane	5.984	62	127178	44.960	ug/L		98
47) Methyl cyclohexane	6.380	83	154575	46.910	ug/L	#	76
48) Trichloroethene	6.385	95	94200	42.320	ug/L		96
50) Dibromomethane	6.829	93	54734	39.892	ug/L		93
51) 1,2-Dichloropropane	6.935	63	93061	42.112	ug/L		96
54) Bromodichloromethane	7.004	83	127924	41.379	ug/L		99
57) 1,4-Dioxane	7.222	88	30614M3	2134.918	ug/L		
58) cis-1,3-Dichloropropene	7.699	75	141248	39.951	ug/L		95
61) Toluene	7.969	92	219059	41.694	ug/L		96
62) 4-Methyl-2-pentanone	8.399	58	24472	37.181	ug/L	#	93
63) Tetrachloroethene	8.424	166	88867	42.148	ug/L		93
65) trans-1,3-Dichloropropene	8.452	75	126793	40.427	ug/L		84
67) Ethyl methacrylate	8.636	69	90455	37.616	ug/L		98
68) 1,1,2-Trichloroethane	8.639	83	63552	40.231	ug/L		99
69) Chlorodibromomethane	8.856	129	89562	38.635	ug/L		96
70) 1,3-Dichloropropane	8.962	76	129962	41.560	ug/L		100
71) 1,2-Dibromoethane	9.138	107	70899	40.273	ug/L		98
72) 2-Hexanone	9.425	43	35074	36.563	ug/L		94
73) Chlorobenzene	9.793	112	244769	40.458	ug/L	#	85
74) Ethylbenzene	9.829	91	437170	43.246	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.871	131	89358	38.675	ug/L		99
76) p/m Xylene	10.013	106	328488	86.063	ug/L		95
77) o Xylene	10.546	106	323477	83.043	ug/L		96
78) Styrene	10.610	104	526781	80.696	ug/L		99
80) Bromoform	10.632	173	50950	35.336	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183467-2
Misc : WG2183467,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Isopropylbenzene	10.920	105	426921	44.392	ug/L	99
84) Bromobenzene	11.352	156	99555	38.549	ug/L	99
85) n-Propylbenzene	11.388	91	533030	47.399	ug/L	97
86) 1,4-Dichlorobutane	11.402	55	144305	45.477	ug/L	93
87) 1,1,2,2-Tetrachloroethane	11.466	83	96861	41.885	ug/L	99
88) 4-Ethyltoluene	11.514	105	424856	44.793	ug/L	98
89) 2-Chlorotoluene	11.558	91	301750	44.044	ug/L	94
90) 1,3,5-Trimethylbenzene	11.608	105	365593	44.119	ug/L	97
91) 1,2,3-Trichloropropane	11.608	75	77322	43.518	ug/L	98
92) trans-1,4-Dichloro-2-b...	11.661	53	27761	42.789	ug/L	93
93) 4-Chlorotoluene	11.737	91	314315	44.139	ug/L	97
94) tert-Butylbenzene	11.943	119	304476	43.901	ug/L	97
97) 1,2,4-Trimethylbenzene	12.021	105	354573	43.411	ug/L	97
98) sec-Butylbenzene	12.133	105	472606	46.205	ug/L	98
99) p-Isopropyltoluene	12.281	119	399470	44.715	ug/L	98
100) 1,3-Dichlorobenzene	12.353	146	195882	40.670	ug/L	98
101) 1,4-Dichlorobenzene	12.445	146	194068	38.280	ug/L	98
102) p-Diethylbenzene	12.651	119	231167	43.565	ug/L	98
103) n-Butylbenzene	12.710	91	377598	46.825	ug/L	98
104) 1,2-Dichlorobenzene	12.863	146	180657	39.812	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.435	119	322003	39.772	ug/L	97
106) 1,2-Dibromo-3-chloropr...	13.633	155	12036	34.826	ug/L	98
107) 1,3,5-Trichlorobenzene	13.666	180	130486	38.732	ug/L	97
108) Hexachlorobutadiene	14.233	225	59513	39.337	ug/L	99
109) 1,2,4-Trichlorobenzene	14.260	180	98034	36.125	ug/L	98
110) Naphthalene	14.556	128	171175	33.671	ug/L	100
111) 1,2,3-Trichlorobenzene	14.723	180	71369	34.173	ug/L	96

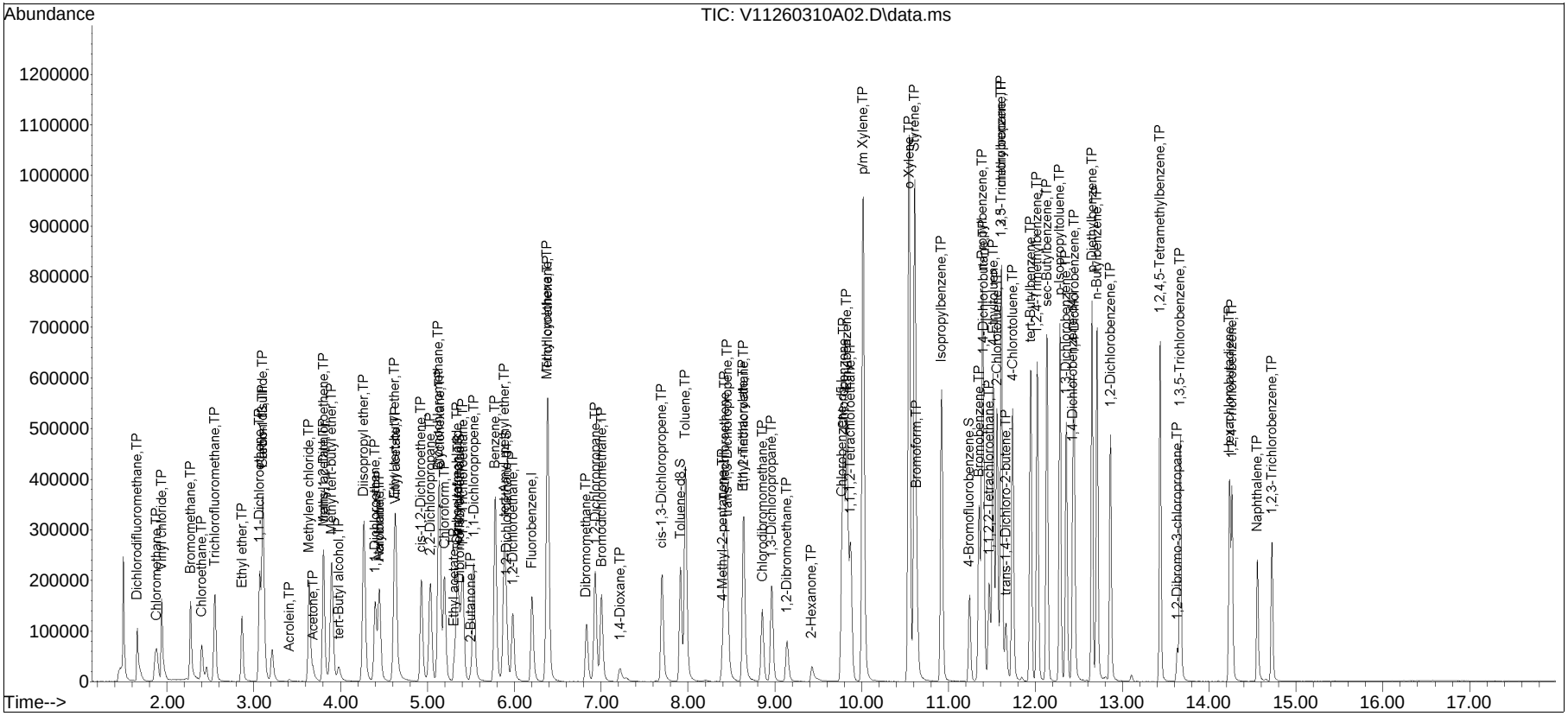
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183467-2
Misc : WG2183467,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

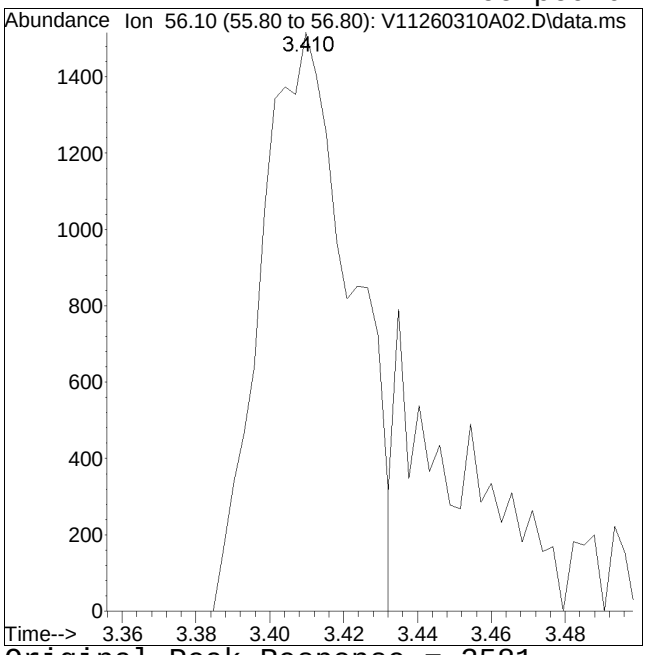
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

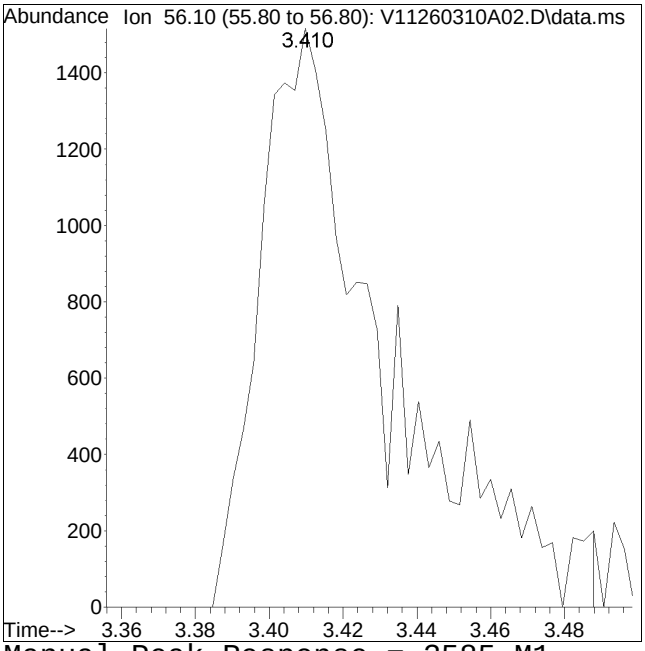


Manual Integration Report

Data Path	: K:\VOA111\2026\260310A\	QMethod	: V111_260121A_8260.m
Data File	: V11260310A02.D	Operator	: VOA111:MNF
Date Inj'd	: 3/10/2026 8:00 am	Instrument	: VOA111
Sample	: WG2183467-2	Quant Date	: 3/10/2026 8:51 am

Compound #14: Acrolein





Original Peak Response = 2581 Manual Peak Response = 3585 M1

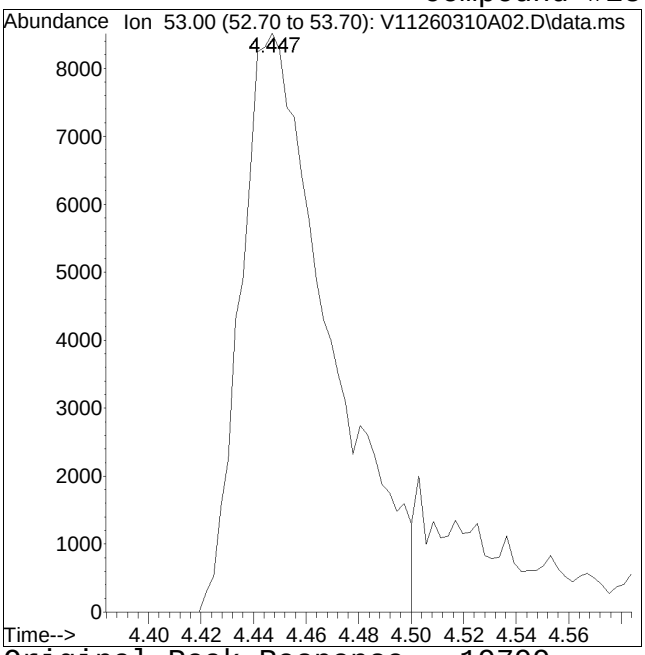
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

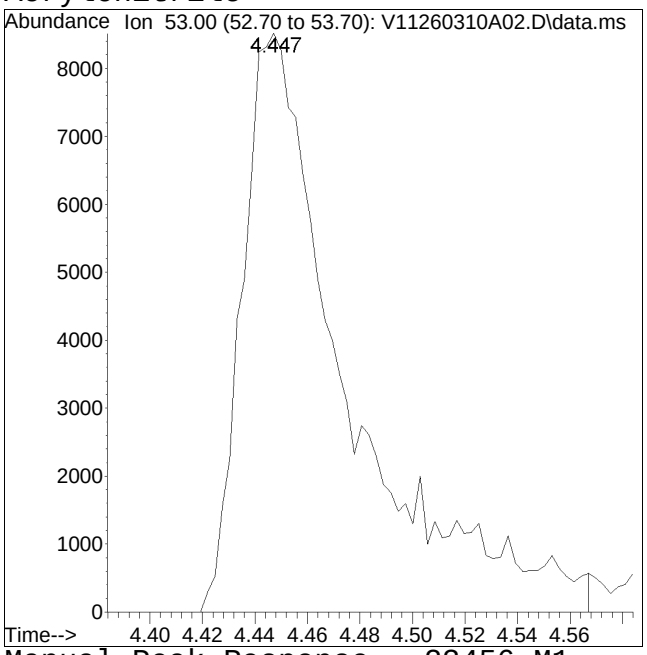
Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Date Inj'd : 3/10/2026 8:00 am
Sample : WG2183467-2

QMethod : V111_260121A_8260.m
Operator : VOA111:MNF
Instrument : VOA111
Quant Date : 3/10/2026 8:51 am

Compound #25: Acrylonitrile



Original Peak Response = 19799



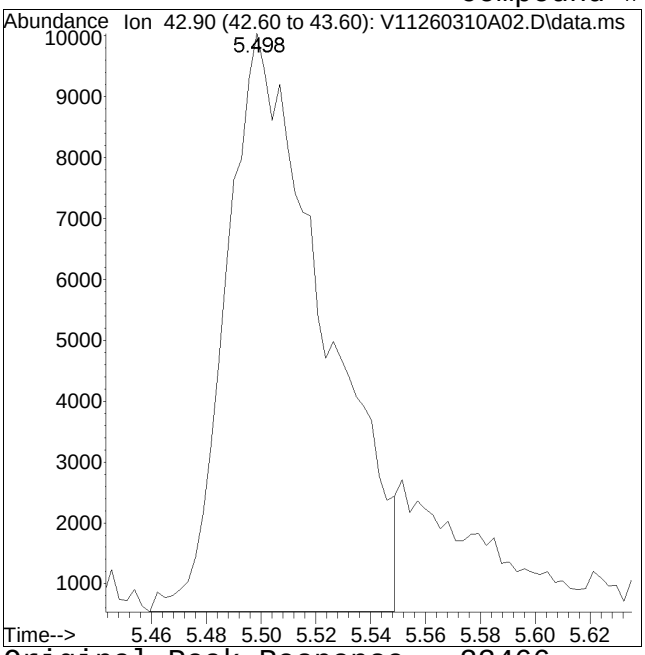
Manual Peak Response = 23456 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

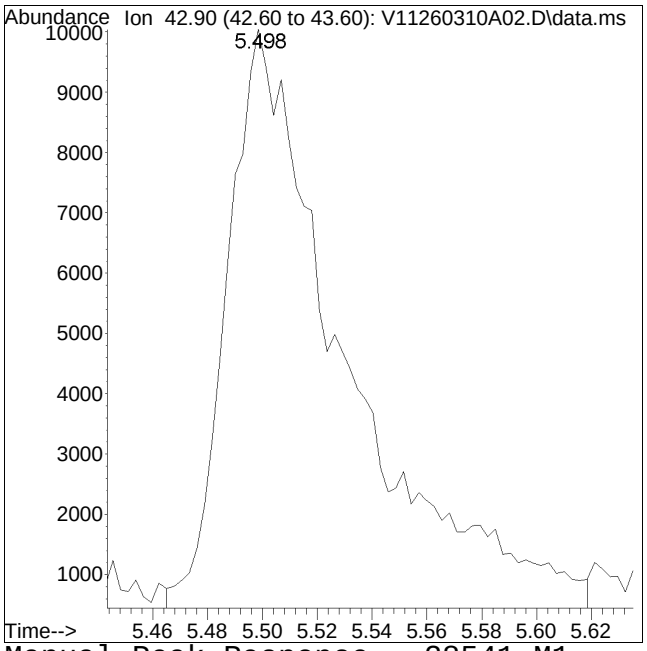
Manual Integration Report

Data Path	: K:\VOA111\2026\260310A\	QMethod	: V111_260121A_8260.m
Data File	: V11260310A02.D	Operator	: VOA111:MNF
Date Inj'd	: 3/10/2026 8:00 am	Instrument	: VOA111
Sample	: WG2183467-2	Quant Date	: 3/10/2026 8:51 am

Compound #39: 2-Butanone



Original Peak Response = 23466



Manual Peak Response = 28541 M1

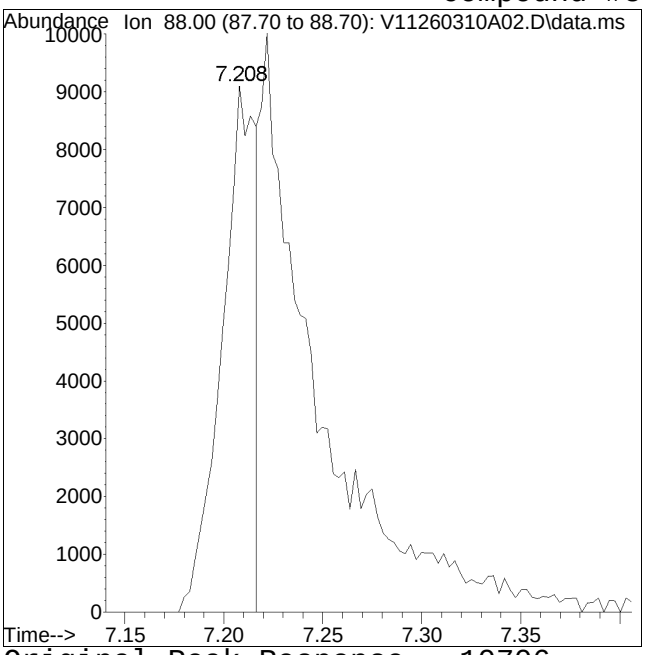
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

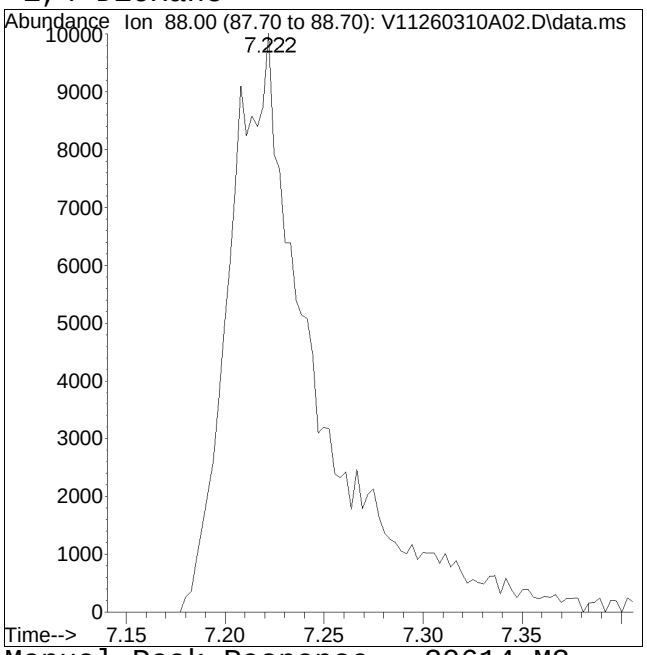
Manual Integration Report

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Date Inj'd : 3/10/2026 8:00 am
Sample : WG2183467-2

QMethod : V111_260121A_8260.m
Operator : VOA111:MNF
Instrument : VOA111
Quant Date : 3/10/2026 8:51 am

Compound #57: 1,4-Dioxane





Original Peak Response = 10706 Manual Peak Response = 30614 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Evaluate Continuing Calibration Report

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183816-2
Misc : WG2183816,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	55	0.00
2	TP	Dichlorodifluoromethane	0.240	0.280	-16.7	55	0.00
3	TP	Chloromethane	0.259	0.330	-27.4#	62	0.00
4	TP	Vinyl chloride	0.287	0.406	-41.5#	67	0.00
5	TP	Bromomethane	0.220	0.233	-5.9	54	0.00
6	TP	Chloroethane	0.173	0.206	-19.1	59	0.00
7	TP	Trichlorofluoromethane	0.331	0.415	-25.4#	59	0.00
8	TP	Ethyl ether	0.139	0.140	-0.7	49#	0.00
10	TP	1,1-Dichloroethene	0.204	0.222	-8.8	52	0.00
11	TP	Carbon disulfide	0.765	0.798	-4.3	53	0.00
12	TP	Freon-113	0.199	0.239	-20.1#	56	0.00
14	TP	Acrolein	0.016	0.010	37.5#	31#	0.00
15	TP	Methylene chloride	0.276	0.268	2.9	52	0.00
17	TP	Acetone	0.065	0.068	-4.6	61	-0.01
18	TP	trans-1,2-Dichloroethene	0.240	0.255	-6.3	52	0.00
19	TP	Methyl acetate	0.120	0.126	-5.0	53	-0.01
20	TP	Methyl tert-butyl ether	0.740	0.731	1.2	50	0.00
21	TP	tert-Butyl alcohol	0.025	0.021	16.0	46#	0.00
22	TP	Diisopropyl ether	0.811	0.916	-12.9	57	0.00
23	TP	1,1-Dichloroethane	0.440	0.494	-12.3	56	0.00
24	TP	Halothane	0.176	0.187	-6.3	51	0.00
25	TP	Acrylonitrile	0.064	0.068	-6.3	59	-0.04
26	TP	Ethyl tert-butyl ether	0.805	0.818	-1.6	52	0.00
27	TP	Vinyl acetate	0.572	0.595	-4.0	54	-0.03
28	TP	cis-1,2-Dichloroethene	0.274	0.275	-0.4	50#	0.00
29	TP	2,2-Dichloropropane	0.358	0.396	-10.6	54	0.00
30	TP	Bromochloromethane	0.130	0.126	3.1	48#	0.00
31	TP	Cyclohexane	0.365	0.465	-27.4#	59	0.00
32	TP	Chloroform	0.462	0.497	-7.6	56	0.00
33	TP	Ethyl acetate	0.190	0.206	-8.4	56	-0.03
34	TP	Carbon tetrachloride	0.332	0.371	-11.7	53	0.00
35	TP	Tetrahydrofuran	0.065	0.065	0.0	54	0.00
36	S	Dibromofluoromethane	0.249	0.260	-4.4	56	0.00
37	TP	1,1,1-Trichloroethane	0.366	0.422	-15.3	55	0.00
39	TP	2-Butanone	0.072	0.082	-13.9	64	-0.04
40	TP	1,1-Dichloropropene	0.293	0.344	-17.4	55	0.00
41	TP	Benzene	0.952	1.006	-5.7	52	0.00
42	TP	tert-Amyl methyl ether	0.746	0.694	7.0	48#	0.00
43	S	1,2-Dichloroethane-d4	0.237	0.286	-20.7#	67	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183816-2
Misc : WG2183816,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.327	0.367	-12.2	58	0.00
47	TP	Methyl cyclohexane	0.381	0.446	-17.1	54	0.00
48	TP	Trichloroethene	0.257	0.272	-5.8	53	-0.01
50	TP	Dibromomethane	0.158	0.158	0.0	52	0.00
51	TP	1,2-Dichloropropane	0.255	0.269	-5.5	53	0.00
54	TP	Bromodichloromethane	0.357	0.369	-3.4	51	0.00
57	TP	1,4-Dioxane	0.00166	0.00177#	-6.6	56	-0.03
58	TP	cis-1,3-Dichloropropene	0.408	0.408	0.0	48#	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	53	0.00
60	S	Toluene-d8	1.292	1.361	-5.3	56	0.00
61	TP	Toluene	0.826	0.861	-4.2	52	0.00
62	TP	4-Methyl-2-pentanone	0.103	0.096	6.8	48#	-0.01
63	TP	Tetrachloroethene	0.332	0.349	-5.1	49#	-0.01
65	TP	trans-1,3-Dichloropropene	0.493	0.498	-1.0	49#	0.00
67	TP	Ethyl methacrylate	0.378	0.356	5.8	45#	-0.02
68	TP	1,1,2-Trichloroethane	0.248	0.250	-0.8	50	0.00
69	TP	Chlorodibromomethane	0.364	0.352	3.3	47#	0.00
70	TP	1,3-Dichloropropane	0.492	0.511	-3.9	51	0.00
71	TP	1,2-Dibromoethane	0.277	0.279	-0.7	47#	-0.01
72	TP	2-Hexanone	0.151	0.138	8.6	46#	-0.07
73	TP	Chlorobenzene	0.951	0.962	-1.2	49#	0.00
74	TP	Ethylbenzene	1.589	1.718	-8.1	53	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.363	0.351	3.3	48#	0.00
76	TP	p/m Xylene	0.600	0.646	-7.7	51	-0.01
77	TP	o Xylene	0.612	0.636	-3.9	51	0.00
78	TP	Styrene	1.026	1.035	-0.9	49#	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	51	0.00
80	TP	Bromoform	0.447	0.395	11.6	42#	0.00
82	TP	Isopropylbenzene	2.980	3.308	-11.0	52	0.00
83	S	4-Bromofluorobenzene	0.915	0.936	-2.3	52	0.00
84	TP	Bromobenzene	0.800	0.771	3.6	47#	0.00
85	TP	n-Propylbenzene	3.485	4.130	-18.5	55	0.00
86	TP	1,4-Dichlorobutane	0.983	1.118	-13.7	55	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.717	0.750	-4.6	51	0.00
88	TP	4-Ethyltoluene	2.939	3.292	-12.0	53	0.00
89	TP	2-Chlorotoluene	2.123	2.338	-10.1	53	0.00
90	TP	1,3,5-Trimethylbenzene	2.568	2.832	-10.3	53	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183816-2
Misc : WG2183816,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 TP	1,2,3-Trichloropropane	0.551	0.599	-8.7	54	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.201	0.215	-7.0	54	0.00
93 TP	4-Chlorotoluene	2.207	2.435	-10.3	52	0.00
94 TP	tert-Butylbenzene	2.149	2.359	-9.8	51	0.00
97 TP	1,2,4-Trimethylbenzene	2.531	2.747	-8.5	51	0.00
98 TP	sec-Butylbenzene	3.170	3.662	-15.5	54	0.00
99 TP	p-Isopropyltoluene	2.769	3.095	-11.8	52	0.00
100 TP	1,3-Dichlorobenzene	1.493	1.518	-1.7	49#	0.00
101 TP	1,4-Dichlorobenzene	1.571	1.504	4.3	48#	0.00
102 TP	p-Diethylbenzene	1.644	1.791	-8.9	51	0.00
103 TP	n-Butylbenzene	2.499	2.925	-17.0	54	0.00
104 TP	1,2-Dichlorobenzene	1.406	1.400	0.4	48#	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.509	2.495	0.6	47#	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.107	0.093	13.1	42#	0.00
107 TP	1,3,5-Trichlorobenzene	1.044	1.011	3.2	46#	0.00
108 TP	Hexachlorobutadiene	0.469	0.461	1.7	45#	0.00
109 TP	1,2,4-Trichlorobenzene	0.841	0.760	9.6	43#	0.00
110 TP	Naphthalene	1.575	1.326	15.8	41#	0.00
111 TP	1,2,3-Trichlorobenzene	0.647	0.553	14.5	41#	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183816-2
Misc : WG2183816,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.201	96	173144	20.000	ug/L	0.00
Standard Area 1 = 173144			Recovery = 100.00%			
59) Chlorobenzene-d5	9.771	117	127198	20.000	ug/L	0.00
Standard Area 1 = 127198			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.428	152	64537	20.000	ug/L	0.00
Standard Area 1 = 64537			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.376	113	44949	20.820	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.10%			
43) 1,2-Dichloroethane-d4	5.911	65	49448	24.145	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 120.72%			
60) Toluene-d8	7.913	98	173102	21.072	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.36%			
83) 4-Bromofluorobenzene	11.240	95	60424	20.461	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.31%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.658	85	97050	46.662	ug/L	99
3) Chloromethane	1.882	50	114270	50.900	ug/L	97
4) Vinyl chloride	1.940	62	140525	56.550	ug/L	98
5) Bromomethane	2.272	94	80599	42.323	ug/L	99
6) Chloroethane	2.400	64	71238	47.648	ug/L	97
7) Trichlorofluoromethane	2.554	101	143868	50.179	ug/L	98
8) Ethyl ether	2.866	74	48342	40.292	ug/L	78
10) 1,1-Dichloroethene	3.070	96	76859	43.600	ug/L	91
11) Carbon disulfide	3.103	76	276241	41.707	ug/L	99
12) Freon-113	3.106	101	82797	48.168	ug/L	94
14) Acrolein	3.410	56	3585M1	25.413	ug/L	
15) Methylene chloride	3.638	84	92789	38.847	ug/L	77
17) Acetone	3.686	43	23618	41.721	ug/L	97
18) trans-1,2-Dichloroethene	3.803	96	88420	42.536	ug/L	89
19) Methyl acetate	3.806	43	43632	41.903	ug/L #	84
20) Methyl tert-butyl ether	3.898	73	253291	39.546	ug/L	88
21) tert-Butyl alcohol	3.979	59	36027	169.651	ug/L	93
22) Diisopropyl ether	4.266	45	317102	45.156	ug/L #	91
23) 1,1-Dichloroethane	4.397	63	171054	44.911	ug/L	97
24) Halothane	4.444	117	64793	42.635	ug/L	100
25) Acrylonitrile	4.447	53	23456M1	42.099	ug/L	

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183816-2
Misc : WG2183816,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.623	59	283236	40.643	ug/L		96
27) Vinyl acetate	4.637	43	206045	41.595	ug/L	#	95
28) cis-1,2-Dichloroethene	4.927	96	95096	40.073	ug/L		89
29) 2,2-Dichloropropane	5.036	77	137301	44.306	ug/L		96
30) Bromochloromethane	5.128	128	43540	38.747	ug/L	#	79
31) Cyclohexane	5.142	56	160878	50.849	ug/L		72
32) Chloroform	5.197	83	172226	43.093	ug/L		97
33) Ethyl acetate	5.309	43	71400	43.334	ug/L	#	91
34) Carbon tetrachloride	5.342	117	128340	44.610	ug/L		97
35) Tetrahydrofuran	5.353	42	22576	40.145	ug/L	#	71
37) 1,1,1-Trichloroethane	5.406	97	145995	46.056	ug/L		99
39) 2-Butanone	5.498	43	28541M1	45.785	ug/L		
40) 1,1-Dichloropropene	5.535	75	119175	47.045	ug/L		98
41) Benzene	5.780	78	348325	42.250	ug/L		92
42) tert-Amyl methyl ether	5.886	73	240170	37.201	ug/L		94
44) 1,2-Dichloroethane	5.984	62	127178	44.960	ug/L		98
47) Methyl cyclohexane	6.380	83	154575	46.910	ug/L	#	76
48) Trichloroethene	6.385	95	94200	42.320	ug/L		96
50) Dibromomethane	6.829	93	54734	39.892	ug/L		93
51) 1,2-Dichloropropane	6.935	63	93061	42.112	ug/L		96
54) Bromodichloromethane	7.004	83	127924	41.379	ug/L		99
57) 1,4-Dioxane	7.222	88	30614M3	2134.918	ug/L		
58) cis-1,3-Dichloropropene	7.699	75	141248	39.951	ug/L		95
61) Toluene	7.969	92	219059	41.694	ug/L		96
62) 4-Methyl-2-pentanone	8.399	58	24472	37.181	ug/L	#	93
63) Tetrachloroethene	8.424	166	88867	42.148	ug/L		93
65) trans-1,3-Dichloropropene	8.452	75	126793	40.427	ug/L		84
67) Ethyl methacrylate	8.636	69	90455	37.616	ug/L		98
68) 1,1,2-Trichloroethane	8.639	83	63552	40.231	ug/L		99
69) Chlorodibromomethane	8.856	129	89562	38.635	ug/L		96
70) 1,3-Dichloropropane	8.962	76	129962	41.560	ug/L		100
71) 1,2-Dibromoethane	9.138	107	70899	40.273	ug/L		98
72) 2-Hexanone	9.425	43	35074	36.563	ug/L		94
73) Chlorobenzene	9.793	112	244769	40.458	ug/L	#	85
74) Ethylbenzene	9.829	91	437170	43.246	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.871	131	89358	38.675	ug/L		99
76) p/m Xylene	10.013	106	328488	86.063	ug/L		95
77) o Xylene	10.546	106	323477	83.043	ug/L		96
78) Styrene	10.610	104	526781	80.696	ug/L		99
80) Bromoform	10.632	173	50950	35.336	ug/L		99

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183816-2
Misc : WG2183816,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Isopropylbenzene	10.920	105	426921	44.392	ug/L	99
84) Bromobenzene	11.352	156	99555	38.549	ug/L	99
85) n-Propylbenzene	11.388	91	533030	47.399	ug/L	97
86) 1,4-Dichlorobutane	11.402	55	144305	45.477	ug/L	93
87) 1,1,2,2-Tetrachloroethane	11.466	83	96861	41.885	ug/L	99
88) 4-Ethyltoluene	11.514	105	424856	44.793	ug/L	98
89) 2-Chlorotoluene	11.558	91	301750	44.044	ug/L	94
90) 1,3,5-Trimethylbenzene	11.608	105	365593	44.119	ug/L	97
91) 1,2,3-Trichloropropane	11.608	75	77322	43.518	ug/L	98
92) trans-1,4-Dichloro-2-b...	11.661	53	27761	42.789	ug/L	93
93) 4-Chlorotoluene	11.737	91	314315	44.139	ug/L	97
94) tert-Butylbenzene	11.943	119	304476	43.901	ug/L	97
97) 1,2,4-Trimethylbenzene	12.021	105	354573	43.411	ug/L	97
98) sec-Butylbenzene	12.133	105	472606	46.205	ug/L	98
99) p-Isopropyltoluene	12.281	119	399470	44.715	ug/L	98
100) 1,3-Dichlorobenzene	12.353	146	195882	40.670	ug/L	98
101) 1,4-Dichlorobenzene	12.445	146	194068	38.280	ug/L	98
102) p-Diethylbenzene	12.651	119	231167	43.565	ug/L	98
103) n-Butylbenzene	12.710	91	377598	46.825	ug/L	98
104) 1,2-Dichlorobenzene	12.863	146	180657	39.812	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.435	119	322003	39.772	ug/L	97
106) 1,2-Dibromo-3-chloropr...	13.633	155	12036	34.826	ug/L	98
107) 1,3,5-Trichlorobenzene	13.666	180	130486	38.732	ug/L	97
108) Hexachlorobutadiene	14.233	225	59513	39.337	ug/L	99
109) 1,2,4-Trichlorobenzene	14.260	180	98034	36.125	ug/L	98
110) Naphthalene	14.556	128	171175	33.671	ug/L	100
111) 1,2,3-Trichlorobenzene	14.723	180	71369	34.173	ug/L	96

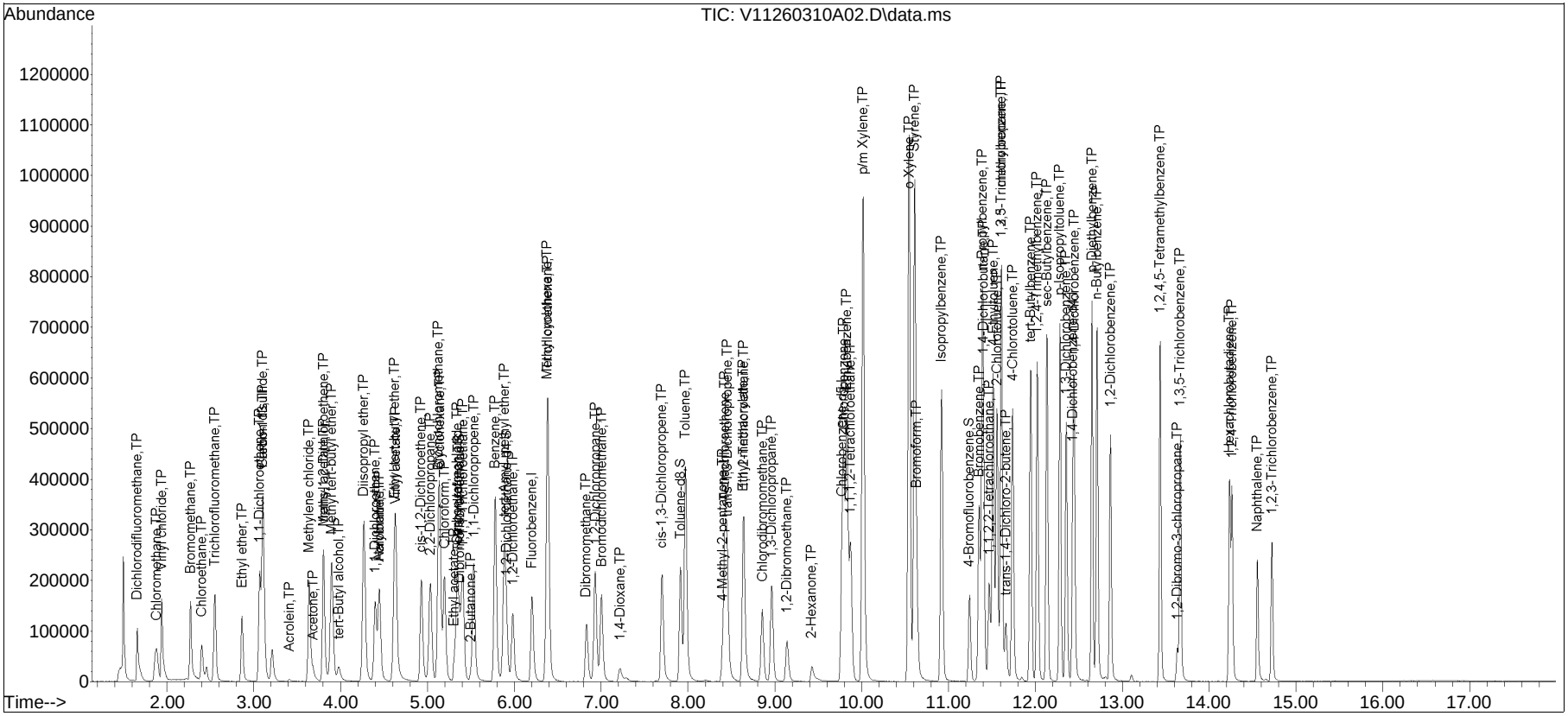
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183816-2
Misc : WG2183816,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

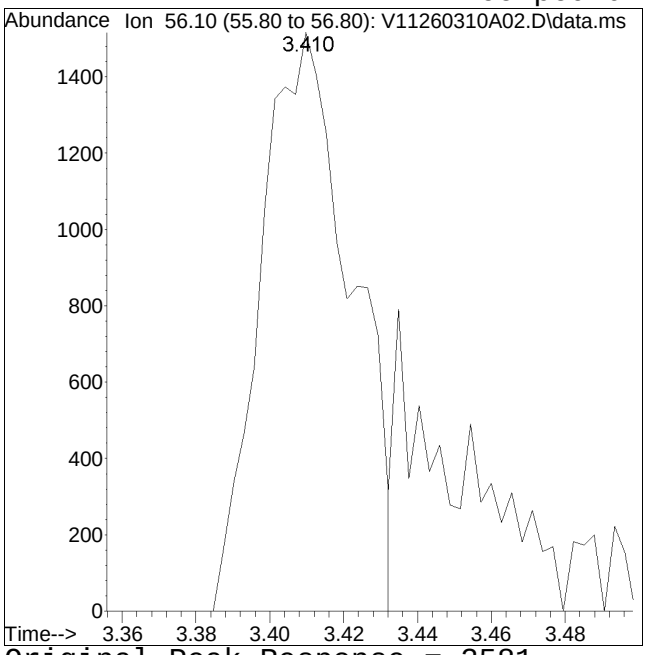
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

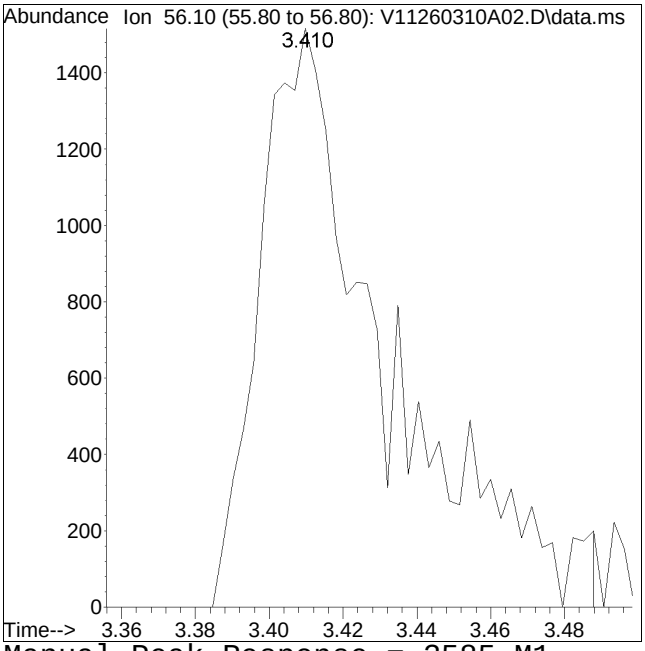


Manual Integration Report

Data Path	: K:\VOA111\2026\260310A\	QMethod	: V111_260121A_8260.m
Data File	: V11260310A02.D	Operator	: VOA111:MNF
Date Inj'd	: 3/10/2026 8:00 am	Instrument	: VOA111
Sample	: WG2183816-2	Quant Date	: 3/10/2026 8:51 am

Compound #14: Acrolein





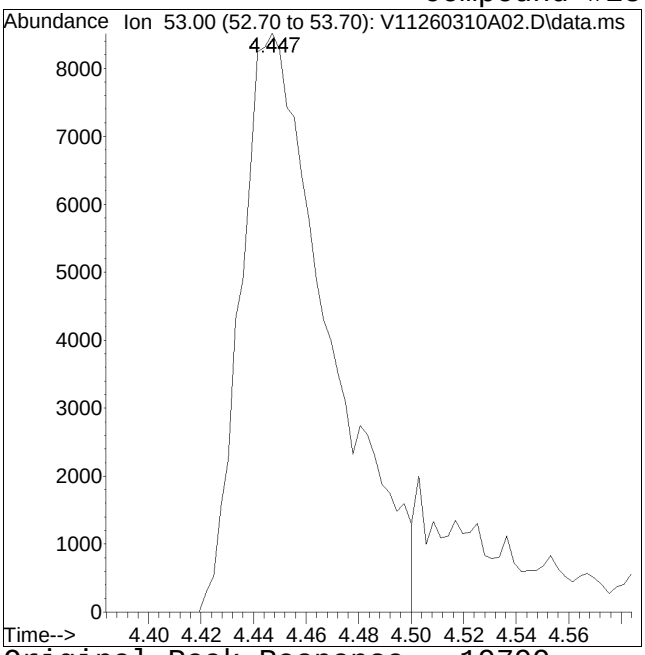
Original Peak Response = 2581 Manual Peak Response = 3585 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

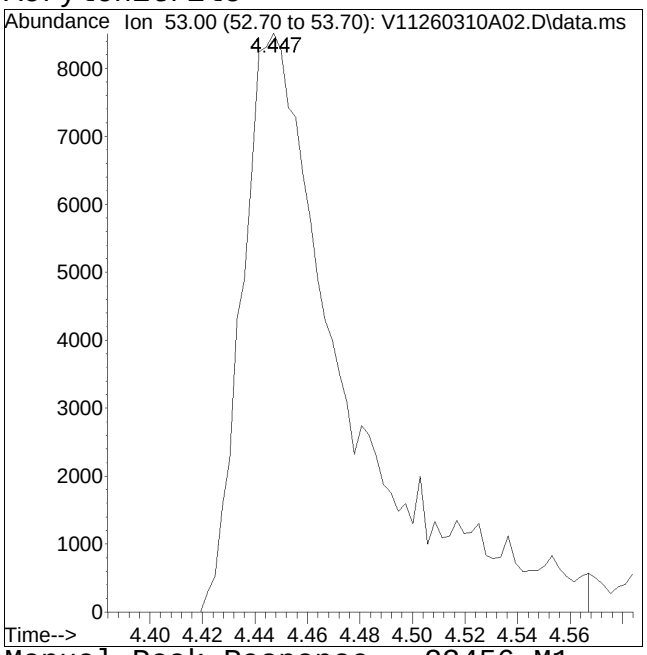
Manual Integration Report

Data Path	: K:\VOA111\2026\260310A\	QMethod	: V111_260121A_8260.m
Data File	: V11260310A02.D	Operator	: VOA111:MNF
Date Inj'd	: 3/10/2026 8:00 am	Instrument	: VOA111
Sample	: WG2183816-2	Quant Date	: 3/10/2026 8:51 am

Compound #25: Acrylonitrile



Original Peak Response = 19799



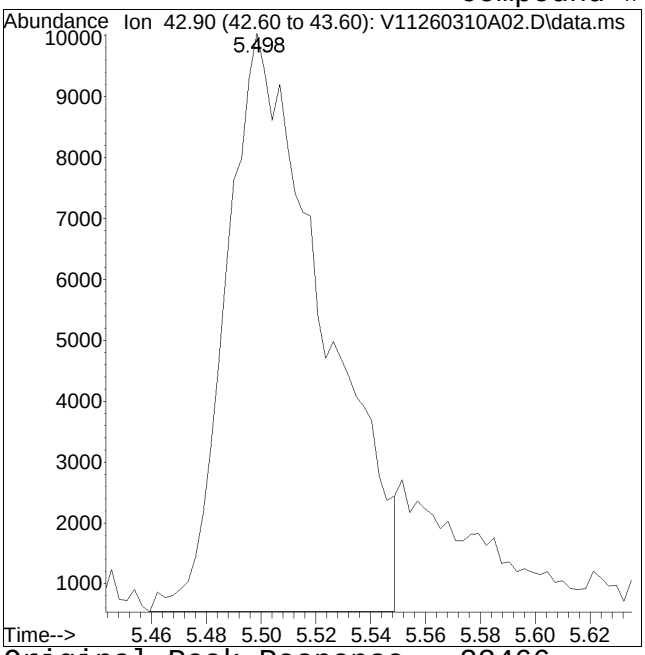
Manual Peak Response = 23456 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

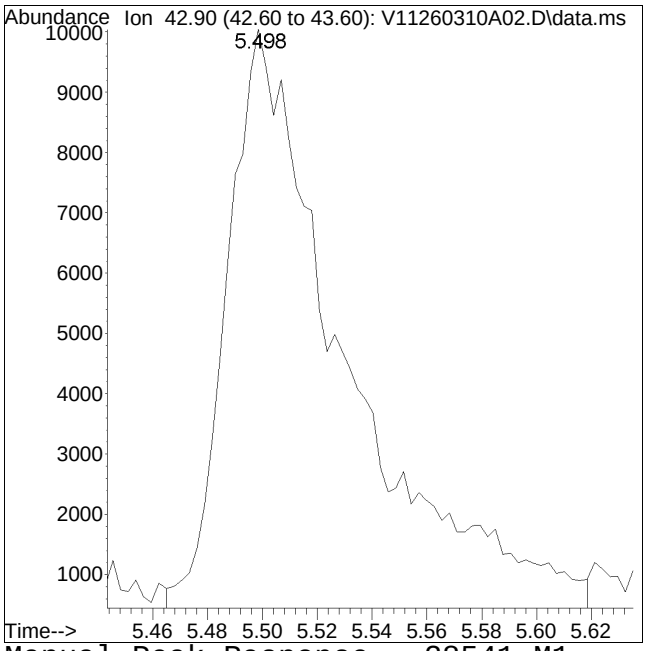
Manual Integration Report

Data Path	: K:\VOA111\2026\260310A\	QMethod	: V111_260121A_8260.m
Data File	: V11260310A02.D	Operator	: VOA111:MNF
Date Inj'd	: 3/10/2026 8:00 am	Instrument	: VOA111
Sample	: WG2183816-2	Quant Date	: 3/10/2026 8:51 am

Compound #39: 2-Butanone



Original Peak Response = 23466



Manual Peak Response = 28541 M1

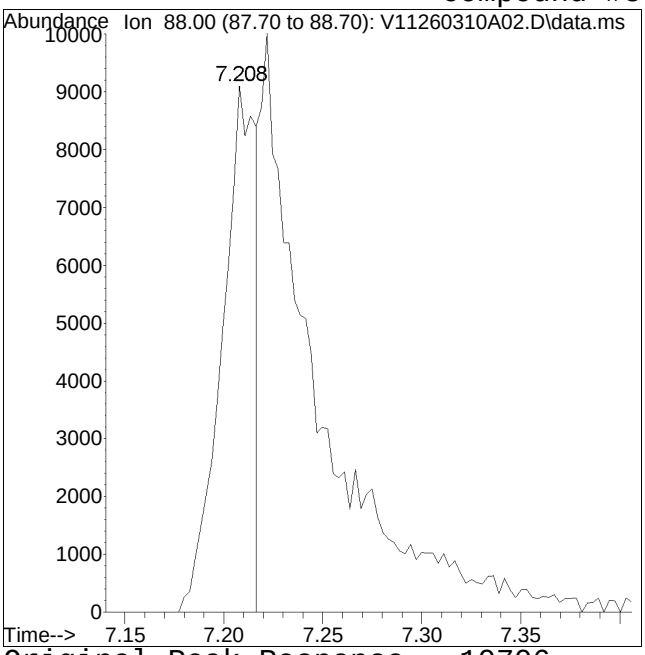
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

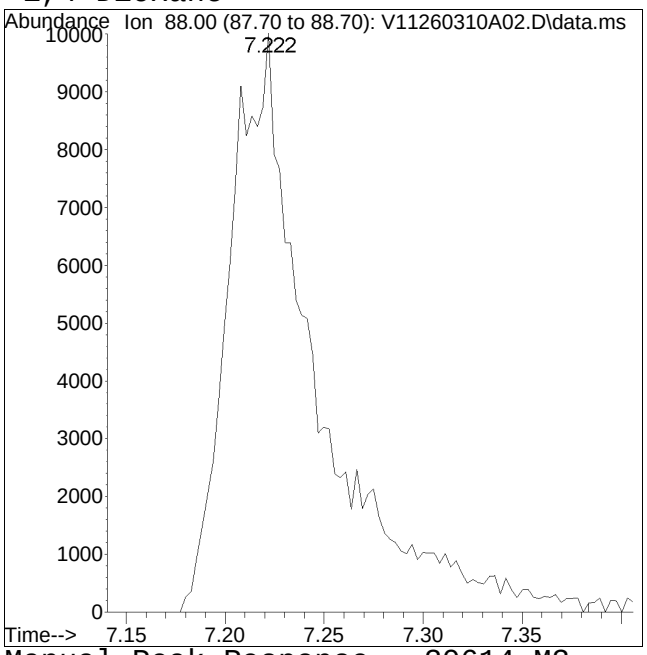
Manual Integration Report

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Date Inj'd : 3/10/2026 8:00 am
Sample : WG2183816-2

QMethod : V111_260121A_8260.m
Operator : VOA111:MNF
Instrument : VOA111
Quant Date : 3/10/2026 8:51 am

Compound #57: 1,4-Dioxane





Original Peak Response = 10706 Manual Peak Response = 30614 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Evaluate Continuing Calibration Report

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A01.D
Acq On : 10 Mar 2026 1:16 pm
Operator : VOA110:AJK
Sample : WG2183801-2
Misc : WG2183801,ICAL23128
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 10 13:41:03 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	108	0.00
2	TP	Dichlorodifluoromethane	0.150	0.221	-47.3#	167	0.00
3	TP	Chloromethane	0.315	0.341	-8.3	130	0.00
4	TP	Vinyl chloride	0.252	0.289	-14.7	128	0.00
5	TP	Bromomethane	* 40.000	40.469	-1.2	116	0.00
6	TP	Chloroethane	0.173	0.184	-6.4	116	0.00
7	TP	Trichlorofluoromethane	0.263	0.309	-17.5	132	0.00
8	TP	Ethyl ether	0.151	0.138	8.6	103	0.00
10	TP	1,1-Dichloroethene	0.203	0.208	-2.5	121	0.00
11	TP	Carbon disulfide	0.682	0.712	-4.4	121	0.00
12	TP	Freon-113	0.173	0.205	-18.5	134	0.00
14	TP	Acrolein	0.024	0.021	12.5	92	0.00
15	TP	Methylene chloride	0.233	0.229	1.7	108	0.00
17	TP	Acetone	* 40.000	36.892	7.8	99	0.00
18	TP	trans-1,2-Dichloroethene	0.251	0.226	10.0	112	0.00
19	TP	Methyl acetate	0.282	0.238	15.6	99	0.00
20	TP	Methyl tert-butyl ether	0.781	0.678	13.2	99	0.00
21	TP	tert-Butyl alcohol	0.057	0.041	28.1#	88	0.00
22	TP	Diisopropyl ether	1.040	0.989	4.9	104	0.00
23	TP	1,1-Dichloroethane	0.477	0.455	4.6	109	0.00
24	TP	Halothane	0.179	0.178	0.6	113	0.00
25	TP	Acrylonitrile	0.129	0.107	17.1	97	0.00
26	TP	Ethyl tert-butyl ether	0.878	0.822	6.4	102	0.00
27	TP	Vinyl acetate	0.845	0.779	7.8	100	0.00
28	TP	cis-1,2-Dichloroethene	0.278	0.257	7.6	107	0.00
29	TP	2,2-Dichloropropane	0.354	0.354	0.0	116	0.00
30	TP	Bromochloromethane	0.133	0.122	8.3	104	0.00
31	TP	Cyclohexane	0.446	0.502	-12.6	137	0.00
32	TP	Chloroform	0.445	0.388	12.8	107	0.00
33	TP	Ethyl acetate	0.394	0.335	15.0	96	0.00
34	TP	Carbon tetrachloride	0.288	0.313	-8.7	123	0.00
35	TP	Tetrahydrofuran	0.138	0.114	17.4	95	0.00
36	S	Dibromofluoromethane	0.262	0.242	7.6	105	0.00
37	TP	1,1,1-Trichloroethane	0.364	0.338	7.1	117	0.00
39	TP	2-Butanone	0.176	0.144	18.2	93	0.00
40	TP	1,1-Dichloropropene	0.293	0.316	-7.8	119	0.00
41	TP	Benzene	0.964	0.924	4.1	108	0.00
42	TP	tert-Amyl methyl ether	0.729	0.666	8.6	101	0.00
43	S	1,2-Dichloroethane-d4	0.279	0.265	5.0	108	0.00

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A01.D
Acq On : 10 Mar 2026 1:16 pm
Operator : VOA110:AJK
Sample : WG2183801-2
Misc : WG2183801,ICAL23128
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 10 13:41:03 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.334	0.303	9.3	103	0.00
47	TP	Methyl cyclohexane	0.382	0.428	-12.0	133	0.00
48	TP	Trichloroethene	* 40.000	40.493	-1.2	111	0.00
50	TP	Dibromomethane	0.152	0.134	11.8	102	0.00
51	TP	1,2-Dichloropropane	0.280	0.258	7.9	103	0.00
53	TP	2-Chloroethyl vinyl ether	0.189	0.064	66.1#	38#	0.00
54	TP	Bromodichloromethane	* 40.000	37.629	5.9	104	0.00
57	TP	1,4-Dioxane	0.00322	0.00269#	16.5	86	0.00
58	TP	cis-1,3-Dichloropropene	0.418	0.392	6.2	103	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
60	S	Toluene-d8	1.197	1.283	-7.2	106	0.00
61	TP	Toluene	0.739	0.767	-3.8	108	0.00
62	TP	4-Methyl-2-pentanone	0.151	0.144	4.6	95	0.00
63	TP	Tetrachloroethene	0.287	0.330	-15.0	118	0.00
65	TP	trans-1,3-Dichloropropene	0.449	0.463	-3.1	102	0.00
67	TP	Ethyl methacrylate	0.453	0.408	9.9	97	0.00
68	TP	1,1,2-Trichloroethane	0.241	0.221	8.3	98	0.00
69	TP	Chlorodibromomethane	0.325	0.325	0.0	101	0.00
70	TP	1,3-Dichloropropane	0.468	0.469	-0.2	98	0.00
71	TP	1,2-Dibromoethane	0.264	0.277	-4.9	100	0.00
72	TP	2-Hexanone	0.316	0.289	8.5	94	0.00
73	TP	Chlorobenzene	0.860	0.878	-2.1	106	0.00
74	TP	Ethylbenzene	1.392	1.472	-5.7	111	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.307	0.325	-5.9	105	0.00
76	TP	p/m Xylene	0.573	0.591	-3.1	111	0.00
77	TP	o Xylene	0.563	0.573	-1.8	108	0.00
78	TP	Styrene	0.967	0.975	-0.8	105	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
80	TP	Bromoform	0.395	0.384	2.8	98	0.00
82	TP	Isopropylbenzene	2.474	2.678	-8.2	114	0.00
83	S	4-Bromofluorobenzene	0.873	0.858	1.7	99	0.00
84	TP	Bromobenzene	0.659	0.692	-5.0	107	0.00
85	TP	n-Propylbenzene	2.889	3.246	-12.4	117	0.00
86	TP	1,4-Dichlorobutane	1.079	1.086	-0.6	104	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.768	0.698	9.1	99	0.00
88	TP	4-Ethyltoluene	2.486	2.748	-10.5	115	0.00
89	TP	2-Chlorotoluene	1.764	1.835	-4.0	110	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A01.D
Acq On : 10 Mar 2026 1:16 pm
Operator : VOA110:AJK
Sample : WG2183801-2
Misc : WG2183801,ICAL23128
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 10 13:41:03 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 TP	1,3,5-Trimethylbenzene	2.125	2.295	-8.0	113	0.00
91 TP	1,2,3-Trichloropropane	0.567	0.537	5.3	100	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.259	0.245	5.4	100	0.00
93 TP	4-Chlorotoluene	1.838	1.950	-6.1	111	0.00
94 TP	tert-Butylbenzene	1.898	2.121	-11.7	117	0.00
97 TP	1,2,4-Trimethylbenzene	2.130	2.283	-7.2	112	0.00
98 TP	sec-Butylbenzene	2.694	3.053	-13.3	119	0.00
99 TP	p-Isopropyltoluene	2.499	2.808	-12.4	118	0.00
100 TP	1,3-Dichlorobenzene	1.293	1.373	-6.2	109	0.00
101 TP	1,4-Dichlorobenzene	1.325	1.404	-6.0	111	0.00
102 TP	p-Diethylbenzene	1.532	1.714	-11.9	116	0.00
103 TP	n-Butylbenzene	2.146	2.446	-14.0	119	0.00
104 TP	1,2-Dichlorobenzene	1.239	1.292	-4.3	106	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.438	2.641	-8.3	111	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.147	0.139	5.4	97	0.00
107 TP	1,3,5-Trichlorobenzene	0.936	1.029	-9.9	114	0.00
108 TP	Hexachlorobutadiene	0.398	0.465	-16.8	120	0.00
109 TP	1,2,4-Trichlorobenzene	0.873	0.936	-7.2	110	0.00
110 TP	Naphthalene	2.528	2.493	1.4	102	0.00
111 TP	1,2,3-Trichlorobenzene	0.832	0.861	-3.5	107	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A01.D
Acq On : 10 Mar 2026 1:16 pm
Operator : VOA110:AJK
Sample : WG2183801-2
Misc : WG2183801,ICAL23128
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 10 13:41:03 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260310A\V10260310A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.197	96	176818	20.000	ug/L	0.00
Standard Area 1 = 176818			Recovery = 100.00%			
59) Chlorobenzene-d5	9.746	117	133069	20.000	ug/L	0.00
Standard Area 1 = 133069			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.412	152	74532	20.000	ug/L	0.00
Standard Area 1 = 74532			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.374	113	42851	18.481	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.41%			
43) 1,2-Dichloroethane-d4	5.912	65	46872	19.036	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.18%			
60) Toluene-d8	7.892	98	170759	21.444	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.22%			
83) 4-Bromofluorobenzene	11.219	95	63983	19.656	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.735	85	78074	58.860	ug/L	98
3) Chloromethane	1.930	50	120726	43.289	ug/L	98
4) Vinyl chloride	2.011	62	102194	45.813	ug/L	98
5) Bromomethane	2.337	94	51669	40.469	ug/L	96
6) Chloroethane	2.460	64	65066	42.571	ug/L	97
7) Trichlorofluoromethane	2.605	101	109375	47.114	ug/L	100
8) Ethyl ether	2.909	74	48941	36.663	ug/L	85
10) 1,1-Dichloroethene	3.104	96	73476	41.001	ug/L	97
11) Carbon disulfide	3.135	76	251777	41.786	ug/L	100
12) Freon-113	3.140	101	72638	47.607	ug/L #	20
14) Acrolein	3.430	56	7587	35.581	ug/L	98
15) Methylene chloride	3.664	84	80925	39.344	ug/L	89
17) Acetone	3.709	43	38835	36.892	ug/L #	27
18) trans-1,2-Dichloroethene	3.821	96	80017	36.062	ug/L	99
19) Methyl acetate	3.826	43	84207	33.762	ug/L #	91
20) Methyl tert-butyl ether	3.918	73	239927	34.734	ug/L	93
21) tert-Butyl alcohol	4.010	59	72483	143.905	ug/L	97
22) Diisopropyl ether	4.281	45	349757	38.054	ug/L	93
23) 1,1-Dichloroethane	4.409	63	160765	38.149	ug/L	99
24) Halothane	4.451	117	63073	39.868	ug/L	99
25) Acrylonitrile	4.462	53	37825	33.062	ug/L #	89

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A01.D
Acq On : 10 Mar 2026 1:16 pm
Operator : VOA110:AJK
Sample : WG2183801-2
Misc : WG2183801,ICAL23128
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 10 13:41:03 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260310A\V10260310A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
26) Ethyl tert-butyl ether	4.632	59	290698	37.465 ug/L	87
27) Vinyl acetate	4.643	43	275593	36.896 ug/L #	92
28) cis-1,2-Dichloroethene	4.933	96	90949	37.049 ug/L	91
29) 2,2-Dichloropropane	5.039	77	125265	40.062 ug/L	96
30) Bromochloromethane	5.126	128	43223	36.786 ug/L	89
31) Cyclohexane	5.134	56	177661	45.070 ug/L	89
32) Chloroform	5.198	83	137381	34.953 ug/L	98
33) Ethyl acetate	5.310	43	118294	33.985 ug/L #	97
34) Carbon tetrachloride	5.340	117	110645	43.411 ug/L	98
35) Tetrahydrofuran	5.360	42	40316	33.066 ug/L #	87
37) 1,1,1-Trichloroethane	5.407	97	119454	37.072 ug/L	99
39) 2-Butanone	5.502	43	50944	32.812 ug/L #	8
40) 1,1-Dichloropropene	5.527	75	111584	43.102 ug/L	96
41) Benzene	5.773	78	326659	38.309 ug/L	95
42) tert-Amyl methyl ether	5.887	73	235620	36.580 ug/L	95
44) 1,2-Dichloroethane	5.979	62	107080	36.248 ug/L	100
47) Methyl cyclohexane	6.364	83	151199	44.818 ug/L	85
48) Trichloroethene	6.375	95	84503	40.493 ug/L	93
50) Dibromomethane	6.816	93	47219	35.199 ug/L #	85
51) 1,2-Dichloropropane	6.922	63	91403	36.915 ug/L	96
53) 2-Chloroethyl vinyl ether	7.613	63	22766	13.659 ug/L	88
54) Bromodichloromethane	6.989	83	108609	37.629 ug/L	98
57) 1,4-Dioxane	7.206	88	47624M1	1670.334 ug/L	
58) cis-1,3-Dichloropropene	7.683	75	138648	37.517 ug/L	96
61) Toluene	7.951	92	204181	41.531 ug/L	99
62) 4-Methyl-2-pentanone	8.383	58	38268	38.191 ug/L	87
63) Tetrachloroethene	8.405	166	87903	46.044 ug/L	96
65) trans-1,3-Dichloropropene	8.433	75	123101	41.237 ug/L	99
67) Ethyl methacrylate	8.617	69	108621	36.034 ug/L	93
68) 1,1,2-Trichloroethane	8.620	83	58791	36.733 ug/L	98
69) Chlorodibromomethane	8.832	129	86440	40.006 ug/L	96
70) 1,3-Dichloropropane	8.946	76	124801	40.084 ug/L	100
71) 1,2-Dibromoethane	9.119	107	73759	41.932 ug/L	98
72) 2-Hexanone	9.395	43	77043	36.628 ug/L	95
73) Chlorobenzene	9.769	112	233678	40.847 ug/L	90
74) Ethylbenzene	9.802	91	391713	42.293 ug/L	97
75) 1,1,1,2-Tetrachloroethane	9.847	131	86578	42.440 ug/L	98
76) p/m Xylene	9.986	106	314474	82.461 ug/L	94
77) o Xylene	10.522	106	304885	81.459 ug/L	94
78) Styrene	10.586	104	518751	80.659 ug/L	95

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A01.D
Acq On : 10 Mar 2026 1:16 pm
Operator : VOA110:AJK
Sample : WG2183801-2
Misc : WG2183801,ICAL23128
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 10 13:41:03 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260310A\V10260310A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.611	173	57178	38.893	ug/L	98
82) Isopropylbenzene	10.895	105	399244	43.311	ug/L	97
84) Bromobenzene	11.328	156	103136	41.978	ug/L	99
85) n-Propylbenzene	11.367	91	483856	44.941	ug/L	97
86) 1,4-Dichlorobutane	11.386	55	161817	40.231	ug/L	97
87) 1,1,2,2-Tetrachloroethane	11.450	83	104101	36.373	ug/L	96
88) 4-Ethyltoluene	11.489	105	409629	44.217	ug/L	98
89) 2-Chlorotoluene	11.537	91	273585	41.622	ug/L	91
90) 1,3,5-Trimethylbenzene	11.584	105	342050	43.187	ug/L	96
91) 1,2,3-Trichloropropane	11.593	75	80118	37.923	ug/L	98
92) trans-1,4-Dichloro-2-b...	11.640	53	36527	37.889	ug/L	94
93) 4-Chlorotoluene	11.718	91	290667	42.442	ug/L	92
94) tert-Butylbenzene	11.922	119	316191	44.693	ug/L	97
97) 1,2,4-Trimethylbenzene	12.000	105	340258	42.870	ug/L	95
98) sec-Butylbenzene	12.108	105	455093	45.325	ug/L	95
99) p-Isopropyltoluene	12.262	119	418568	44.944	ug/L	96
100) 1,3-Dichlorobenzene	12.337	146	204680	42.493	ug/L	98
101) 1,4-Dichlorobenzene	12.429	146	209241	42.367	ug/L	98
102) p-Diethylbenzene	12.630	119	255432	44.743	ug/L	94
103) n-Butylbenzene	12.691	91	364677	45.593	ug/L	97
104) 1,2-Dichlorobenzene	12.850	146	192598	41.700	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.422	119	393704	43.342	ug/L	94
106) 1,2-Dibromo-3-chloropr...	13.623	155	20721	37.839	ug/L	100
107) 1,3,5-Trichlorobenzene	13.653	180	153389	43.989	ug/L	94
108) Hexachlorobutadiene	14.225	225	69262	46.748	ug/L	99
109) 1,2,4-Trichlorobenzene	14.253	180	139507	42.870	ug/L	97
110) Naphthalene	14.543	128	371647	39.445	ug/L	100
111) 1,2,3-Trichlorobenzene	14.713	180	128273	41.348	ug/L	98

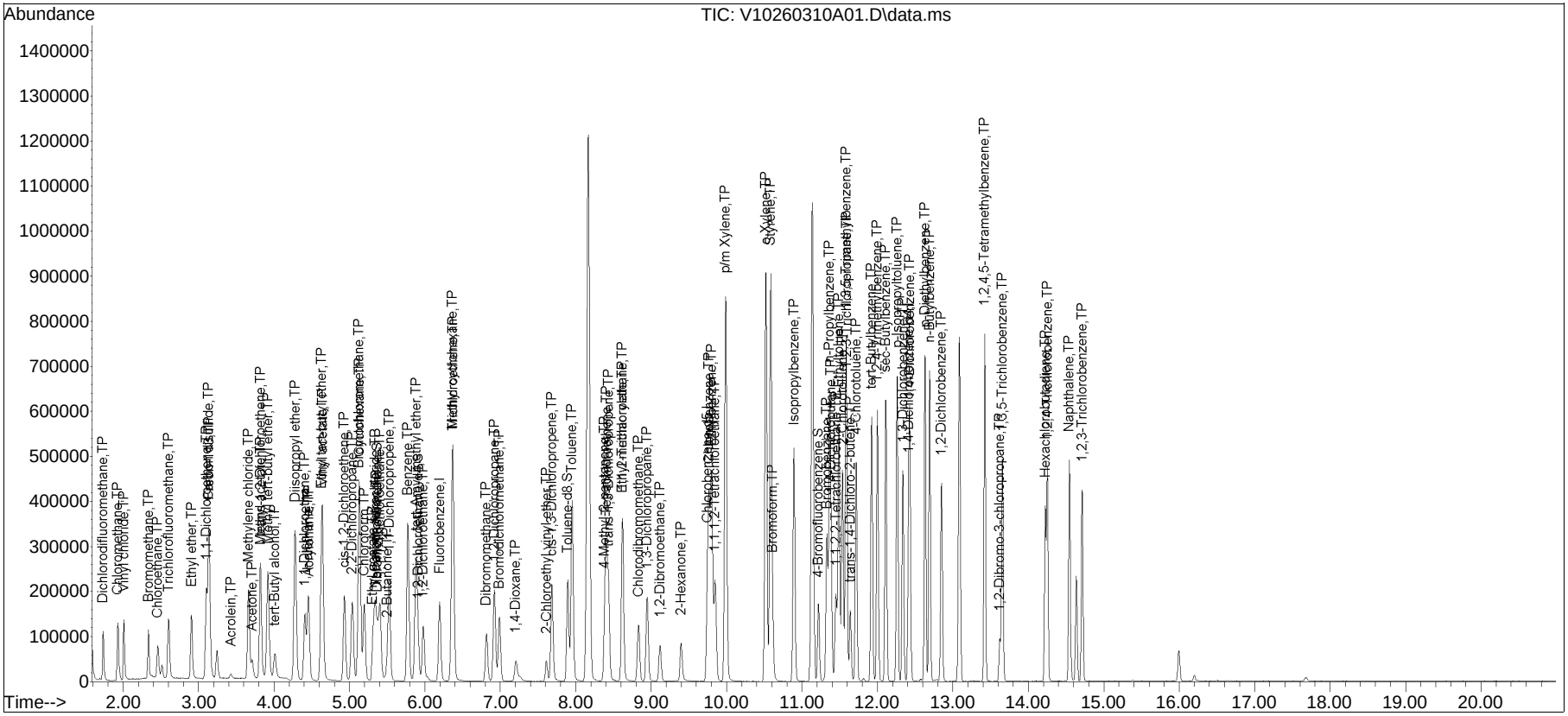
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A01.D
Acq On : 10 Mar 2026 1:16 pm
Operator : VOA110:AJK
Sample : WG2183801-2
Misc : WG2183801,ICAL23128
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 10 13:41:03 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

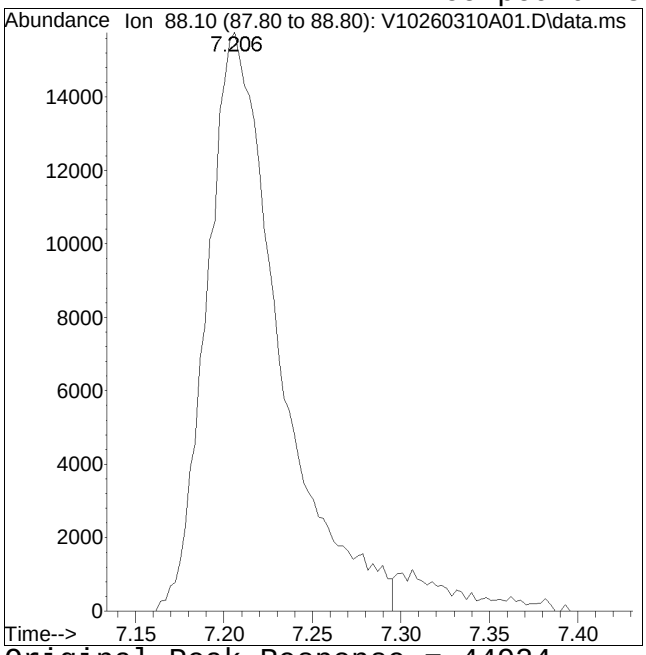
Sub List : 8260-CurveSoil - Megamix plus Diox10A01.D•

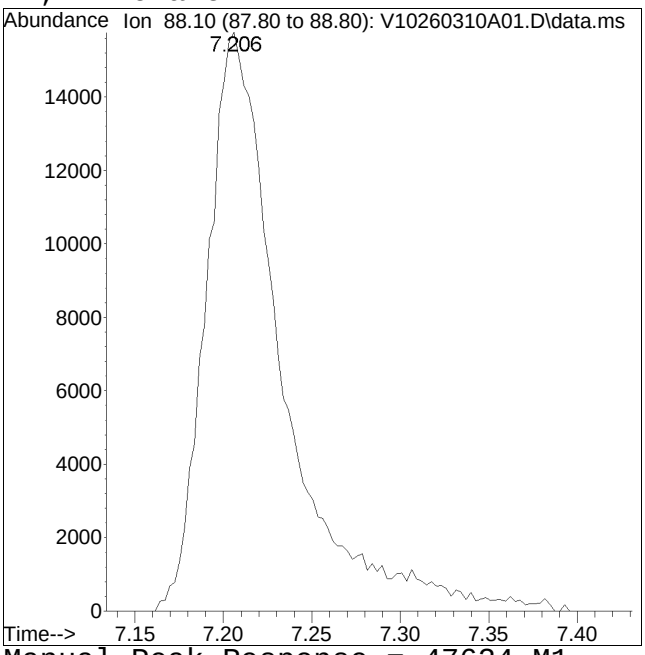


Manual Integration Report

Data Path	: K:\VOA110\2026\260310A\	QMethod	: V110_260305A_8260.m
Data File	: V10260310A01.D	Operator	: VOA110:AJK
Date Inj'd	: 3/10/2026 1:16 pm	Instrument	: VOA110
Sample	: WG2183801-2	Quant Date	: 3/10/2026 1:40 pm

Compound #57: 1,4-Dioxane





Original Peak Response = 44924 Manual Peak Response = 47624 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Evaluate Continuing Calibration Report

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B01.D
Acq On : 11 Mar 2026 12:59 pm
Operator : VOA111:BAD
Sample : WG2183467-9,31H,15,15,0.100,,
Misc : WG2183467,ICAL22987
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 11 13:39:23 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	101	0.00
2	TP	Dichlorodifluoromethane	0.240	0.230	4.2	83	0.00
3	TP	Chloromethane	0.259	0.324	-25.1#	111	0.00
4	TP	Vinyl chloride	0.287	0.260	9.4	79	0.00
5	TP	Bromomethane	0.220	0.139	36.8#	59	0.00
6	TP	Chloroethane	0.173	0.184	-6.4	97	0.00
7	TP	Trichlorofluoromethane	0.331	0.340	-2.7	88	0.00
8	TP	Ethyl ether	0.139	0.147	-5.8	95	0.00
10	TP	1,1-Dichloroethene	0.204	0.199	2.5	85	0.00
11	TP	Carbon disulfide	0.765	0.735	3.9	90	0.00
12	TP	Freon-113	0.199	0.201	-1.0	86	0.00
14	TP	Acrolein	0.016	0.013	18.8	72	0.00
15	TP	Methylene chloride	0.276	0.262	5.1	92	0.00
17	TP	Acetone	0.065	0.088	-35.4#	145	-0.02
18	TP	trans-1,2-Dichloroethene	0.240	0.234	2.5	87	0.00
19	TP	Methyl acetate	0.120	0.140	-16.7	107	-0.01
20	TP	Methyl tert-butyl ether	0.740	0.762	-3.0	95	0.00
21	TP	tert-Butyl alcohol	0.025	0.022	12.0	88	0.00
22	TP	Diisopropyl ether	0.811	1.011	-24.7#	116	0.00
23	TP	1,1-Dichloroethane	0.440	0.492	-11.8	101	0.00
24	TP	Halothane	0.176	0.165	6.2	83	0.00
25	TP	Acrylonitrile	0.064	0.075	-17.2	118	-0.04
26	TP	Ethyl tert-butyl ether	0.805	0.882	-9.6	102	0.00
27	TP	Vinyl acetate	0.572	0.628	-9.8	105	-0.03
28	TP	cis-1,2-Dichloroethene	0.274	0.266	2.9	88	0.00
29	TP	2,2-Dichloropropane	0.358	0.376	-5.0	94	0.00
30	TP	Bromochloromethane	0.130	0.120	7.7	84	0.00
31	TP	Cyclohexane	0.365	0.420	-15.1	98	0.00
32	TP	Chloroform	0.462	0.465	-0.6	96	0.00
33	TP	Ethyl acetate	0.190	0.220	-15.8	109	-0.03
34	TP	Carbon tetrachloride	0.332	0.324	2.4	85	0.00
35	TP	Tetrahydrofuran	0.065	0.078	-20.0	119	0.00
36	S	Dibromofluoromethane	0.249	0.249	0.0	99	-0.01
37	TP	1,1,1-Trichloroethane	0.366	0.379	-3.6	91	0.00
39	TP	2-Butanone	0.072	0.081	-12.5	114	-0.04
40	TP	1,1-Dichloropropene	0.293	0.325	-10.9	95	-0.01
41	TP	Benzene	0.952	0.989	-3.9	93	0.00
42	TP	tert-Amyl methyl ether	0.746	0.721	3.4	91	0.00
43	S	1,2-Dichloroethane-d4	0.237	0.273	-15.2	117	0.00

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B01.D
Acq On : 11 Mar 2026 12:59 pm
Operator : VOA111:BAD
Sample : WG2183467-9,31H,15,15,0.100,,
Misc : WG2183467,ICAL22987
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 11 13:39:23 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.327	0.354	-8.3	102	0.00
47	TP	Methyl cyclohexane	0.381	0.384	-0.8	85	0.00
48	TP	Trichloroethene	0.257	0.255	0.8	90	-0.01
50	TP	Dibromomethane	0.158	0.149	5.7	89	0.00
51	TP	1,2-Dichloropropane	0.255	0.275	-7.8	99	0.00
54	TP	Bromodichloromethane	0.357	0.358	-0.3	90	0.00
57	TP	1,4-Dioxane	0.00166	0.00180#	-8.4	105	-0.04
58	TP	cis-1,3-Dichloropropene	0.408	0.431	-5.6	92	-0.01
59	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
60	S	Toluene-d8	1.292	1.390	-7.6	101	0.00
61	TP	Toluene	0.826	0.844	-2.2	90	0.00
62	TP	4-Methyl-2-pentanone	0.103	0.103	0.0	92	0.00
63	TP	Tetrachloroethene	0.332	0.310	6.6	77	-0.01
65	TP	trans-1,3-Dichloropropene	0.493	0.525	-6.5	91	-0.01
67	TP	Ethyl methacrylate	0.378	0.381	-0.8	86	-0.02
68	TP	1,1,2-Trichloroethane	0.248	0.256	-3.2	92	0.00
69	TP	Chlorodibromomethane	0.364	0.350	3.8	82	0.00
70	TP	1,3-Dichloropropane	0.492	0.526	-6.9	94	0.00
71	TP	1,2-Dibromoethane	0.277	0.285	-2.9	85	-0.02
72	TP	2-Hexanone	0.151	0.171	-13.2	101	-0.07
73	TP	Chlorobenzene	0.951	0.940	1.2	86	0.00
74	TP	Ethylbenzene	1.589	1.625	-2.3	89	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.363	0.342	5.8	83	0.00
76	TP	p/m Xylene	0.600	0.606	-1.0	85	-0.01
77	TP	o Xylene	0.612	0.602	1.6	85	0.00
78	TP	Styrene	1.026	1.008	1.8	84	-0.01
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
80	TP	Bromoform	0.447	0.395	11.6	70	0.00
82	TP	Isopropylbenzene	2.980	3.215	-7.9	85	0.00
83	S	4-Bromofluorobenzene	0.915	1.057	-15.5	98	0.00
84	TP	Bromobenzene	0.800	0.765	4.4	77	0.00
85	TP	n-Propylbenzene	3.485	3.890	-11.6	87	0.00
86	TP	1,4-Dichlorobutane	0.983	1.205	-22.6#	100	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.717	0.768	-7.1	86	0.00
88	TP	4-Ethyltoluene	2.939	3.195	-8.7	85	0.00
89	TP	2-Chlorotoluene	2.123	2.360	-11.2	90	0.00
90	TP	1,3,5-Trimethylbenzene	2.568	2.741	-6.7	85	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B01.D
Acq On : 11 Mar 2026 12:59 pm
Operator : VOA111:BAD
Sample : WG2183467-9,31H,15,15,0.100,,
Misc : WG2183467,ICAL22987
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 11 13:39:23 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 TP	1,2,3-Trichloropropane	0.551	0.602	-9.3	90	-0.01
92 TP	trans-1,4-Dichloro-2-butene	0.201	0.209	-4.0	87	-0.01
93 TP	4-Chlorotoluene	2.207	2.501	-13.3	90	0.00
94 TP	tert-Butylbenzene	2.149	2.254	-4.9	82	0.00
97 TP	1,2,4-Trimethylbenzene	2.531	2.734	-8.0	85	0.00
98 TP	sec-Butylbenzene	3.170	3.375	-6.5	82	0.00
99 TP	p-Isopropyltoluene	2.769	2.919	-5.4	82	0.00
100 TP	1,3-Dichlorobenzene	1.493	1.487	0.4	80	0.00
101 TP	1,4-Dichlorobenzene	1.571	1.478	5.9	78	0.00
102 TP	p-Diethylbenzene	1.644	1.702	-3.5	80	0.00
103 TP	n-Butylbenzene	2.499	2.759	-10.4	85	0.00
104 TP	1,2-Dichlorobenzene	1.406	1.401	0.4	80	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.509	2.578	-2.8	82	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.107	0.094	12.1	71	0.00
107 TP	1,3,5-Trichlorobenzene	1.044	0.995	4.7	76	0.00
108 TP	Hexachlorobutadiene	0.469	0.460	1.9	76	0.00
109 TP	1,2,4-Trichlorobenzene	0.841	0.772	8.2	73	0.00
110 TP	Naphthalene	1.575	1.463	7.1	75	0.00
111 TP	1,2,3-Trichlorobenzene	0.647	0.569	12.1	71	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B01.D
Acq On : 11 Mar 2026 12:59 pm
Operator : VOA111:BAD
Sample : WG2183467-9,31H,15,15,0.100,,
Misc : WG2183467,ICAL22987
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 11 13:39:23 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260311B\V11260311B01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.201	96	316441	20.000	ug/L	0.00
Standard Area 1 = 316441			Recovery = 100.00%			
59) Chlorobenzene-d5	9.771	117	225831	20.000	ug/L	0.00
Standard Area 1 = 225831			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.428	152	107740	20.000	ug/L	0.00
Standard Area 1 = 107740			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.370	113	78793	19.969	ug/L	-0.01
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.84%			
43) 1,2-Dichloroethane-d4	5.911	65	86343	23.068	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 115.34%			
60) Toluene-d8	7.911	98	313917	21.524	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.62%			
83) 4-Bromofluorobenzene	11.238	95	113904	23.104	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 115.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.659	85	145682	38.326	ug/L	98
3) Chloromethane	1.879	50	205333	50.045	ug/L	98
4) Vinyl chloride	1.937	62	164858	36.300	ug/L	98
5) Bromomethane	2.272	94	88009	25.287	ug/L	100
6) Chloroethane	2.400	64	116386	42.594	ug/L	98
7) Trichlorofluoromethane	2.551	101	215169	41.063	ug/L	98
8) Ethyl ether	2.863	74	93085	42.451	ug/L	79
10) 1,1-Dichloroethene	3.067	96	125914	39.082	ug/L	96
11) Carbon disulfide	3.100	76	464949	38.410	ug/L	100
12) Freon-113	3.106	101	127439	40.566	ug/L	92
14) Acrolein	3.404	56	8359M1	32.422	ug/L	
15) Methylene chloride	3.636	84	165874	37.997	ug/L	80
17) Acetone	3.680	43	55892	54.023	ug/L	94
18) trans-1,2-Dichloroethene	3.800	96	148278	39.030	ug/L	96
19) Methyl acetate	3.803	43	88657	46.587	ug/L #	88
20) Methyl tert-butyl ether	3.898	73	482106	41.185	ug/L	89
21) tert-Butyl alcohol	3.979	59	68825	177.333	ug/L	92
22) Diisopropyl ether	4.266	45	639750	49.847	ug/L	96
23) 1,1-Dichloroethane	4.397	63	311400	44.735	ug/L	97
24) Halothane	4.442	117	104739	37.710	ug/L	100
25) Acrylonitrile	4.447	53	47177M1	46.330	ug/L	

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B01.D
Acq On : 11 Mar 2026 12:59 pm
Operator : VOA111:BAD
Sample : WG2183467-9,31H,15,15,0.100,,
Misc : WG2183467,ICAL22987
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 11 13:39:23 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260311B\V11260311B01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.620	59	558382	43.841	ug/L		95
27) Vinyl acetate	4.637	43	397674	43.926	ug/L		97
28) cis-1,2-Dichloroethene	4.927	96	168626	38.880	ug/L		93
29) 2,2-Dichloropropane	5.030	77	237829	41.992	ug/L		94
30) Bromochloromethane	5.128	128	76082	37.047	ug/L		83
31) Cyclohexane	5.136	56	266107	46.021	ug/L		78
32) Chloroform	5.197	83	294106	40.265	ug/L		96
33) Ethyl acetate	5.309	43	139516	46.330	ug/L	#	95
34) Carbon tetrachloride	5.340	117	205343	39.054	ug/L		97
35) Tetrahydrofuran	5.356	42	49557M1	48.217	ug/L		
37) 1,1,1-Trichloroethane	5.404	97	240062	41.437	ug/L		97
39) 2-Butanone	5.499	43	51176	44.919	ug/L	#	76
40) 1,1-Dichloropropene	5.529	75	205641	44.418	ug/L		97
41) Benzene	5.777	78	626048	41.550	ug/L		93
42) tert-Amyl methyl ether	5.886	73	456601	38.698	ug/L		93
44) 1,2-Dichloroethane	5.981	62	224013	43.331	ug/L		99
47) Methyl cyclohexane	6.377	83	243115	40.369	ug/L		82
48) Trichloroethene	6.385	95	161325	39.657	ug/L		92
50) Dibromomethane	6.832	93	94331	37.618	ug/L		93
51) 1,2-Dichloropropane	6.932	63	174193	43.131	ug/L		97
54) Bromodichloromethane	6.999	83	226785	40.138	ug/L		99
57) 1,4-Dioxane	7.216	88	56849M1	2169.195	ug/L		
58) cis-1,3-Dichloropropene	7.696	75	272579	42.184	ug/L		91
61) Toluene	7.969	92	381033	40.848	ug/L		98
62) 4-Methyl-2-pentanone	8.402	58	46558	39.842	ug/L	#	98
63) Tetrachloroethene	8.427	166	140037	37.409	ug/L		94
65) trans-1,3-Dichloropropene	8.449	75	237208	42.599	ug/L	#	82
67) Ethyl methacrylate	8.639	69	172003	40.288	ug/L		96
68) 1,1,2-Trichloroethane	8.639	83	115539	41.196	ug/L		98
69) Chlorodibromomethane	8.853	129	158000	38.390	ug/L		98
70) 1,3-Dichloropropane	8.962	76	237408	42.761	ug/L		99
71) 1,2-Dibromoethane	9.135	107	128649	41.160	ug/L		98
72) 2-Hexanone	9.425	43	77428	45.463	ug/L	#	92
73) Chlorobenzene	9.793	112	424566	39.527	ug/L	#	83
74) Ethylbenzene	9.829	91	734056	40.900	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.868	131	154454	37.653	ug/L		99
76) p/m Xylene	10.013	106	547376	80.776	ug/L		92
77) o Xylene	10.546	106	543830	78.636	ug/L		93
78) Styrene	10.607	104	910600	78.568	ug/L		97
80) Bromoform	10.635	173	85180	35.387	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B01.D
Acq On : 11 Mar 2026 12:59 pm
Operator : VOA111:BAD
Sample : WG2183467-9,31H,15,15,0.100,,
Misc : WG2183467,ICAL22987
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 11 13:39:23 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260311B\V11260311B01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
82) Isopropylbenzene	10.920	105	692741	43.148	ug/L		98
84) Bromobenzene	11.352	156	164858	38.238	ug/L		99
85) n-Propylbenzene	11.388	91	838146	44.644	ug/L		97
86) 1,4-Dichlorobutane	11.402	55	259746	49.033	ug/L		96
87) 1,1,2,2-Tetrachloroethane	11.464	83	165469	42.861	ug/L		99
88) 4-Ethyltoluene	11.511	105	688400	43.475	ug/L		98
89) 2-Chlorotoluene	11.556	91	508469	44.457	ug/L		96
90) 1,3,5-Trimethylbenzene	11.606	105	590587	42.692	ug/L		96
91) 1,2,3-Trichloropropane	11.606	75	129680	43.719	ug/L		98
92) trans-1,4-Dichloro-2-b...	11.659	53	45046	41.590	ug/L	#	82
93) 4-Chlorotoluene	11.734	91	538967	45.336	ug/L		94
94) tert-Butylbenzene	11.943	119	485696	41.949	ug/L		96
97) 1,2,4-Trimethylbenzene	12.021	105	589153	43.207	ug/L		96
98) sec-Butylbenzene	12.133	105	727240	42.589	ug/L		98
99) p-Isopropyltoluene	12.283	119	629038	42.178	ug/L		97
100) 1,3-Dichlorobenzene	12.356	146	320397	39.847	ug/L		98
101) 1,4-Dichlorobenzene	12.442	146	318528	37.636	ug/L		98
102) p-Diethylbenzene	12.649	119	366812	41.408	ug/L		97
103) n-Butylbenzene	12.710	91	594544	44.163	ug/L		97
104) 1,2-Dichlorobenzene	12.863	146	301816	39.841	ug/L		98
105) 1,2,4,5-Tetramethylben...	13.438	119	555439	41.095	ug/L		97
106) 1,2-Dibromo-3-chloropr...	13.636	155	20177	34.971	ug/L		99
107) 1,3,5-Trichlorobenzene	13.667	180	214367	38.115	ug/L		97
108) Hexachlorobutadiene	14.238	225	99014	39.202	ug/L		99
109) 1,2,4-Trichlorobenzene	14.263	180	166335	36.715	ug/L		99
110) Naphthalene	14.556	128	315249	37.145	ug/L		100
111) 1,2,3-Trichlorobenzene	14.723	180	122550	35.149	ug/L		97

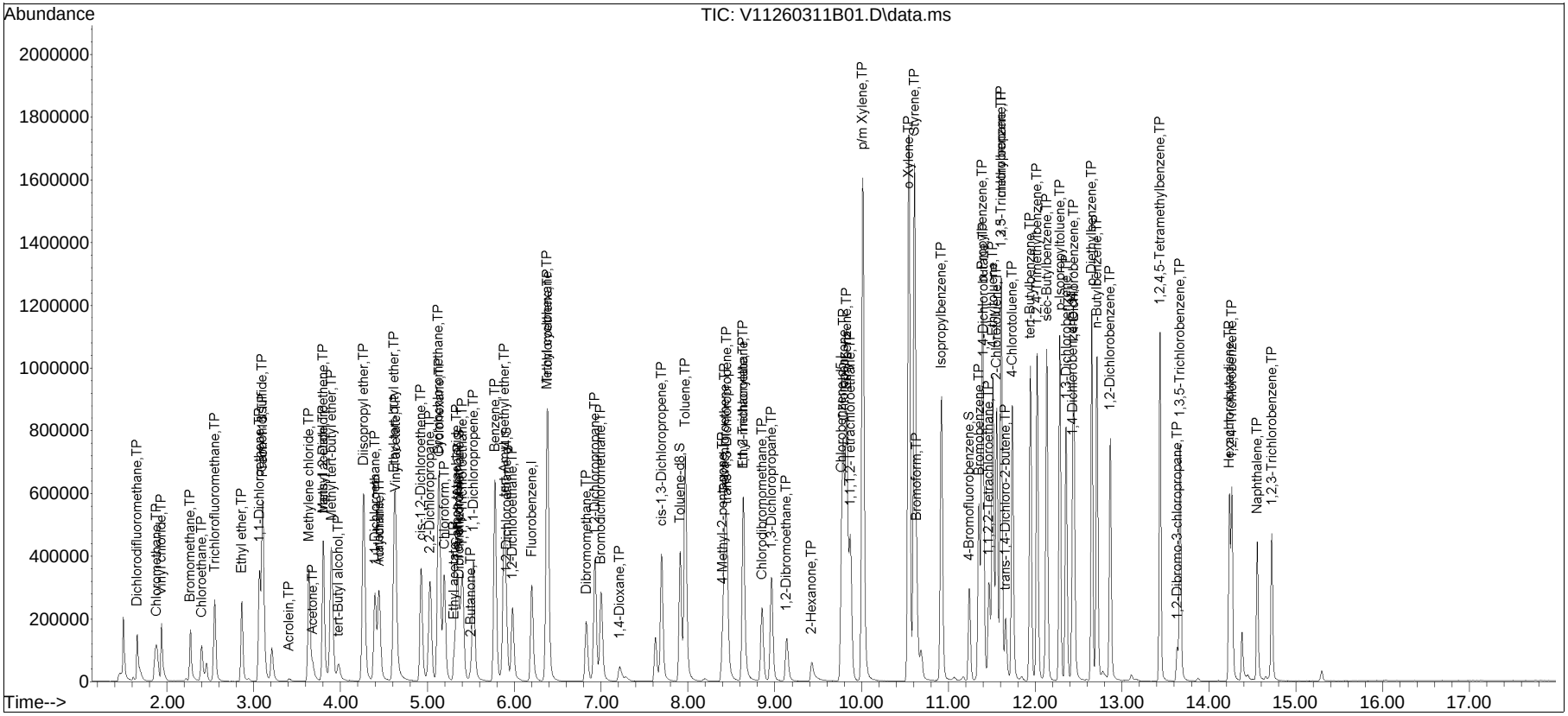
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B01.D
Acq On : 11 Mar 2026 12:59 pm
Operator : VOA111:BAD
Sample : WG2183467-9,31H,15,15,0.100,,
Misc : WG2183467,ICAL22987
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 11 13:39:23 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

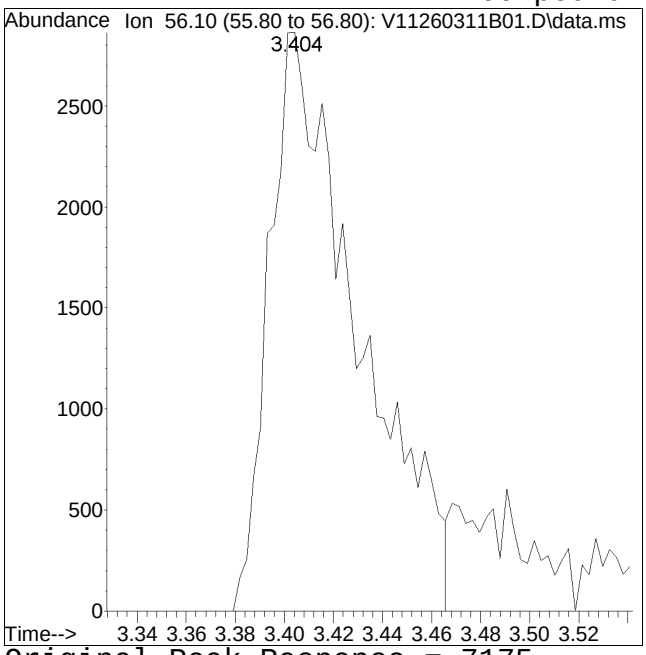
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

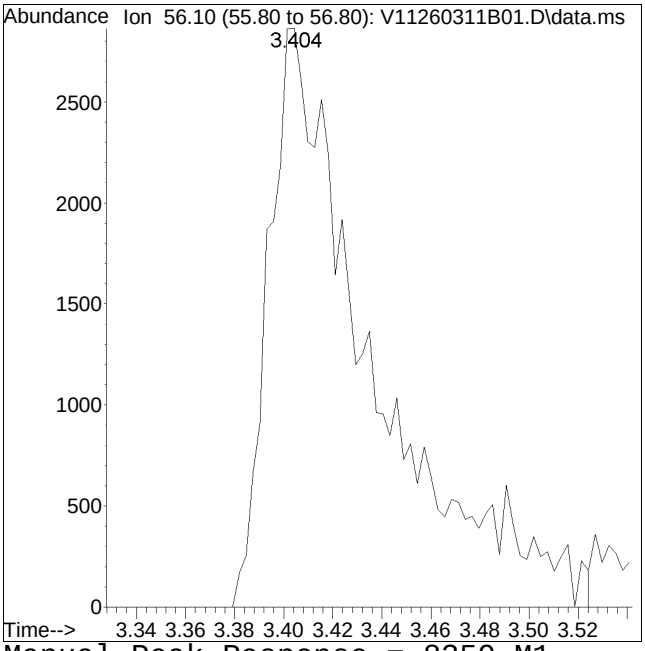


Manual Integration Report

Data Path : K:\VOA111\2026\260311B\ QMethod : V111_260121A_8260.m
Data File : V11260311B01.D Operator : VOA111:BAD
Date Inj'd : 3/11/2026 12:59 pm Instrument : VOA111
Sample : WG2183467-9,31H,15,15,0.10Quant Date : 3/11/2026 1:37 pm

Compound #14: Acrolein



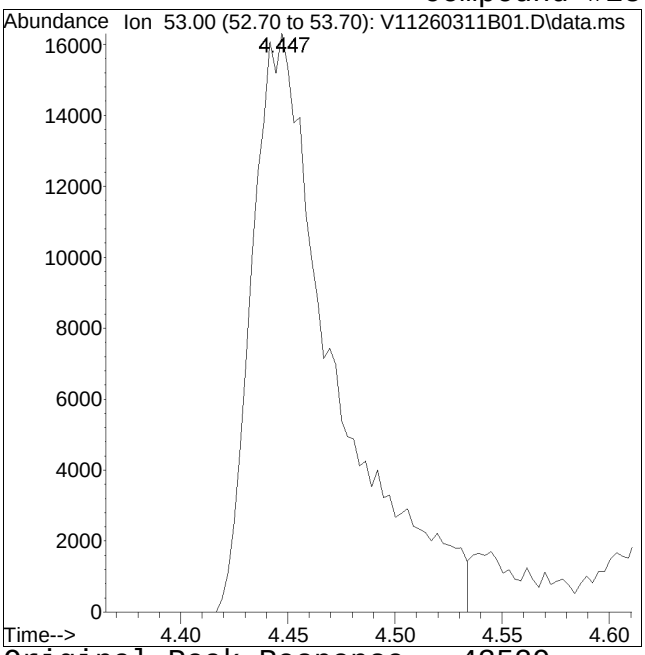


Original Peak Response = 7175 Manual Peak Response = 8359 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

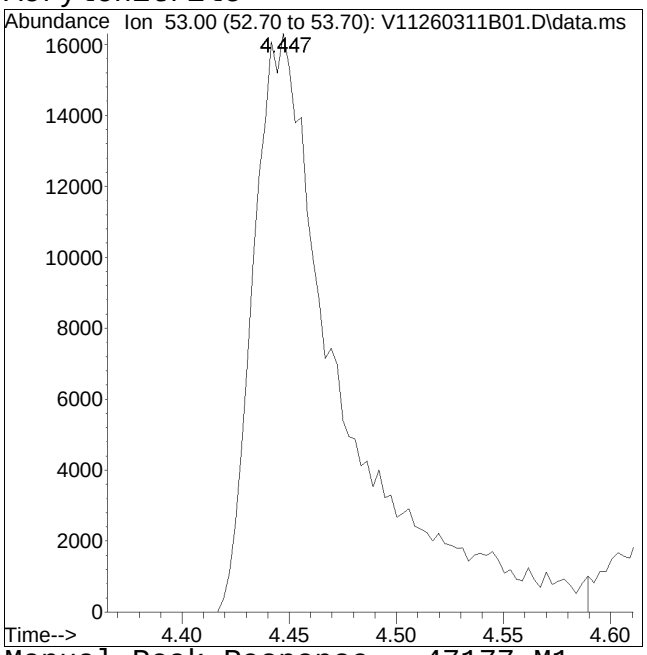
Manual Integration Report

Data Path : K:\VOA111\2026\260311B\ QMethod : V111_260121A_8260.m
Data File : V11260311B01.D Operator : VOA111:BAD
Date Inj'd : 3/11/2026 12:59 pm Instrument : VOA111
Sample : WG2183467-9,31H,15,15,0.10 Quant Date : 3/11/2026 1:37 pm

Compound #25: Acrylonitrile



Original Peak Response = 43529



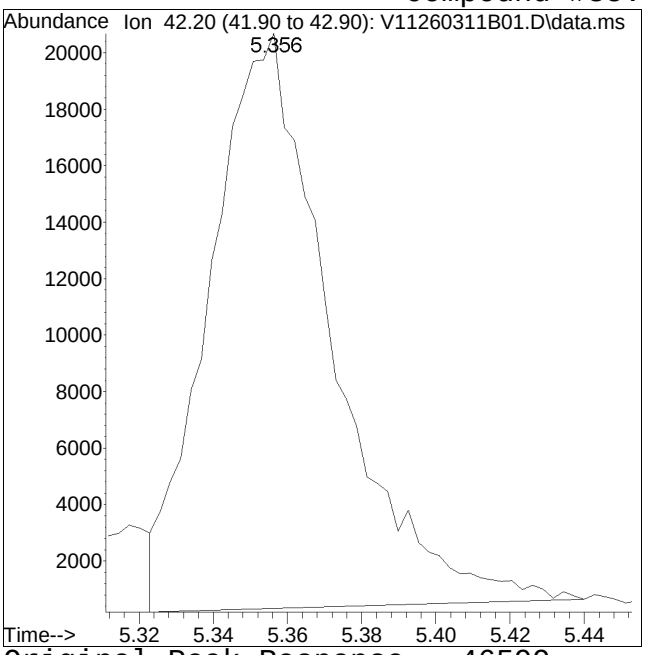
Manual Peak Response = 47177 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

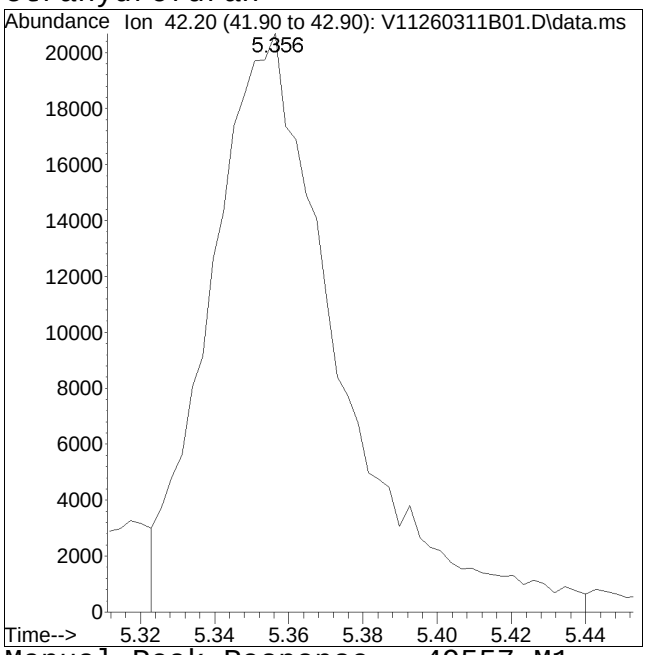
Manual Integration Report

Data Path : K:\VOA111\2026\260311B\ QMethod : V111_260121A_8260.m
Data File : V11260311B01.D Operator : VOA111:BAD
Date Inj'd : 3/11/2026 12:59 pm Instrument : VOA111
Sample : WG2183467-9,31H,15,15,0.10Quant Date : 3/11/2026 1:37 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 46599



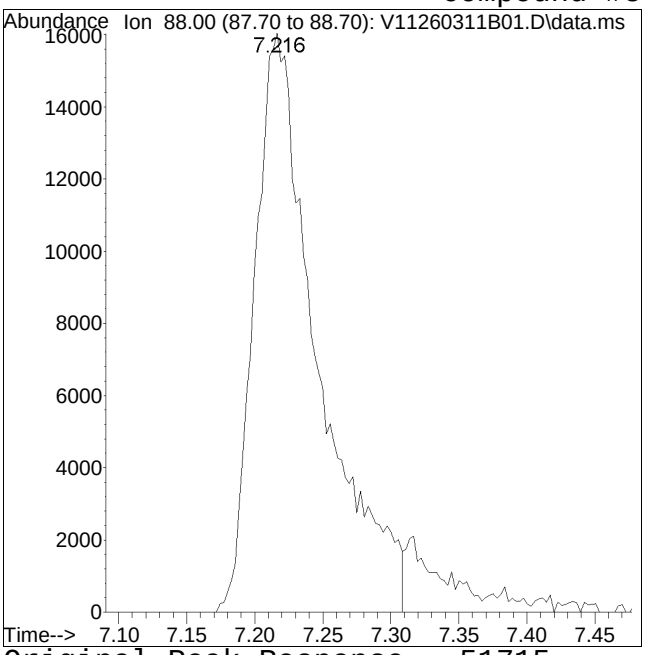
Manual Peak Response = 49557 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

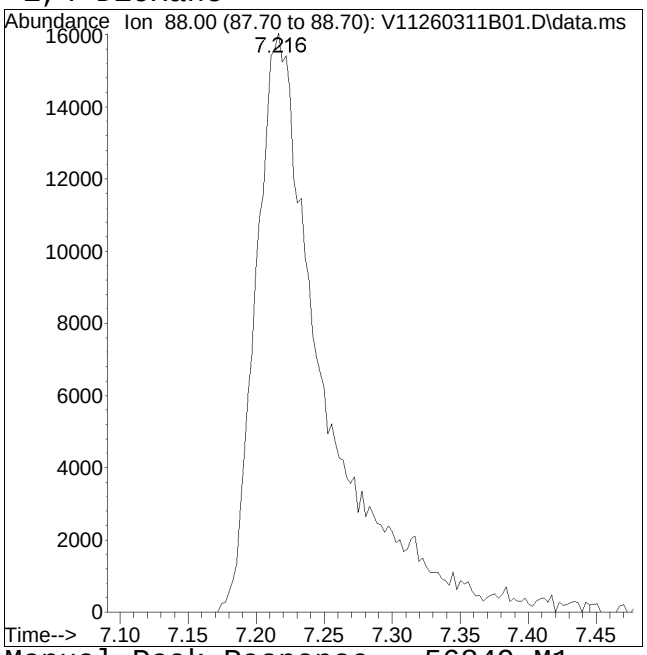
Manual Integration Report

Data Path : K:\VOA111\2026\260311B\ QMethod : V111_260121A_8260.m
Data File : V11260311B01.D Operator : VOA111:BAD
Date Inj'd : 3/11/2026 12:59 pm Instrument : VOA111
Sample : WG2183467-9,31H,15,15,0.10 Quant Date : 3/11/2026 1:37 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 51715



Manual Peak Response = 56849 M1

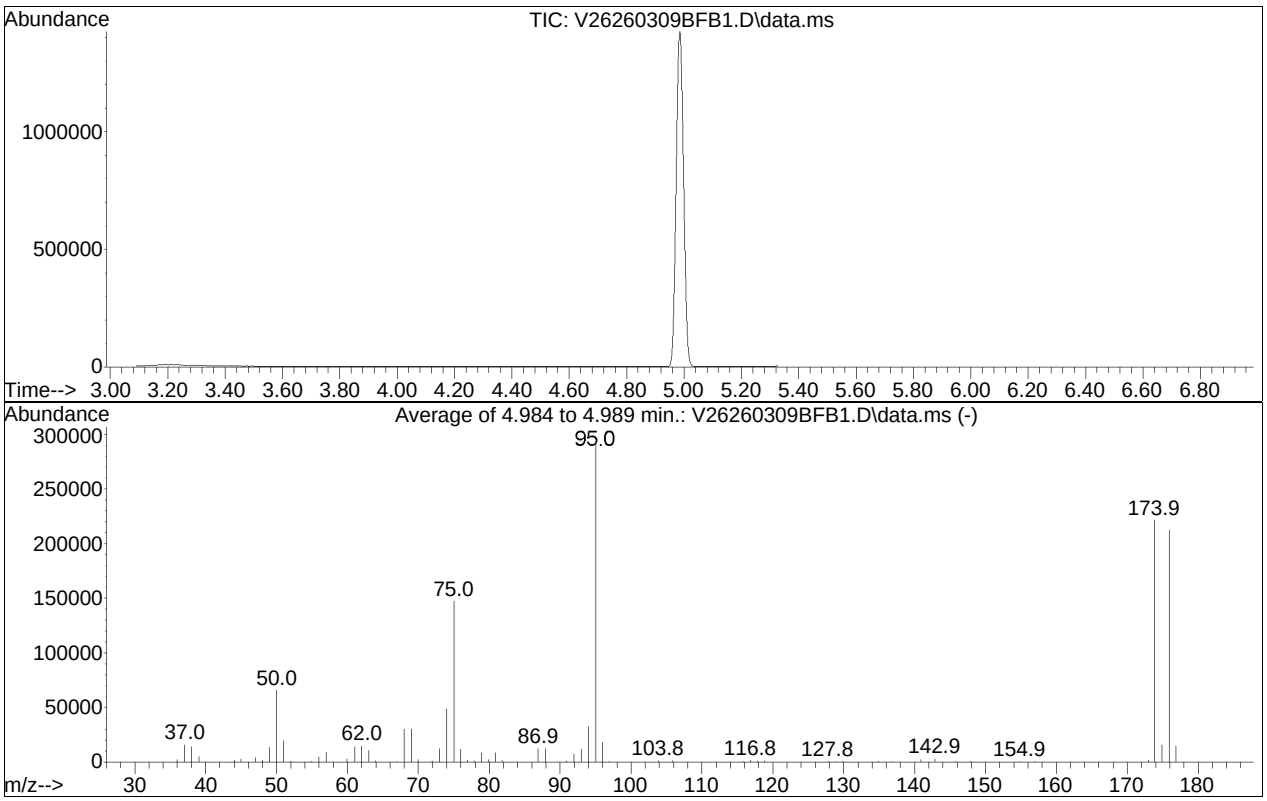
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

BFB

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309BFB1.D
Acq On : 09 Mar 2026 09:02 am
Operator : VOA126:TMH
Sample : WG2183398-1
Misc : WG2183398
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Jan 16 09:03:24 2026



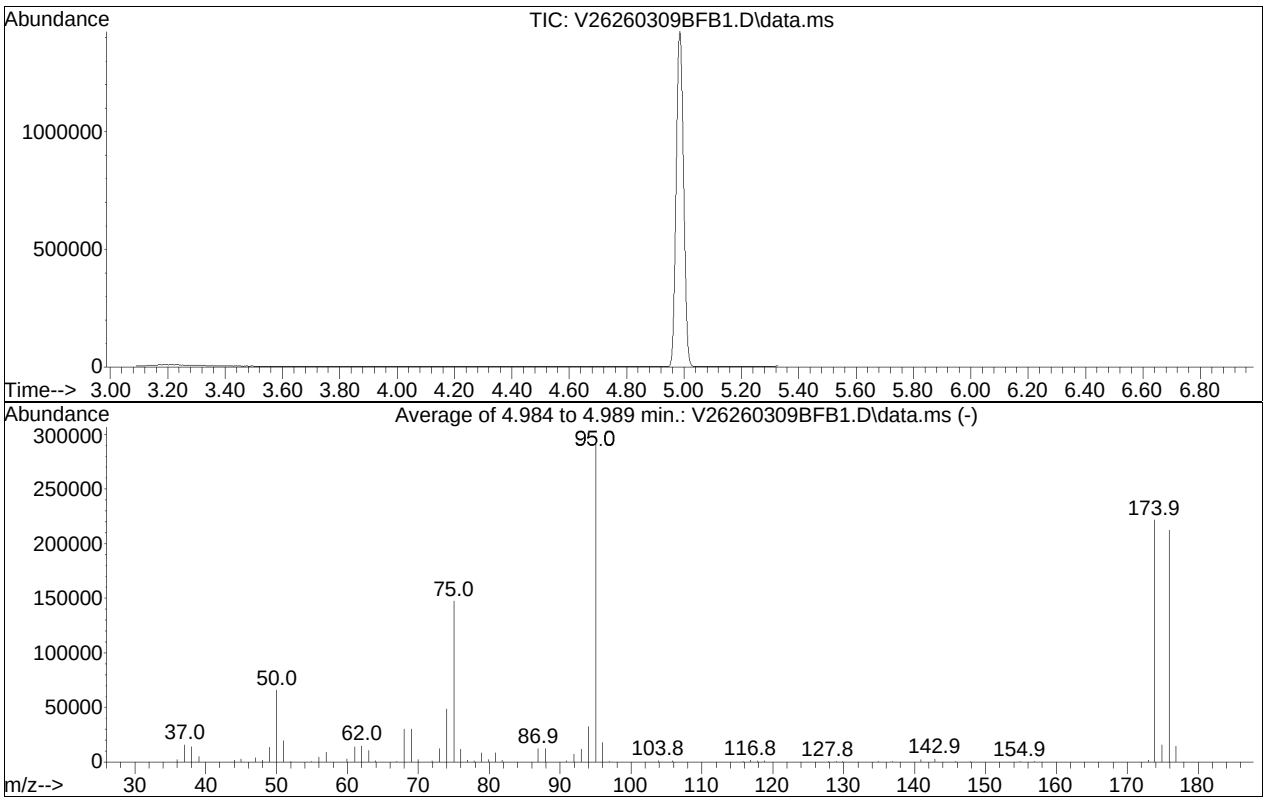
AutoFind: Scans 680, 681, 682; Background Corrected with Scan 663

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.6	66195	PASS
75	95	30	60	50.4	147392	PASS
95	95	100	100	100.0	292480	PASS
96	95	5	9	6.2	18133	PASS
173	174	0.00	2	0.9	1888	PASS
174	95	50	100	75.9	222037	PASS
175	174	5	9	7.2	16020	PASS
176	174	95	101	95.7	212587	PASS
177	176	5	9	6.8	14544	PASS

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309BFB1.D
Acq On : 09 Mar 2026 09:02 am
Operator : VOA126:TMH
Sample : WG2183848-1
Misc : WG2183848,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Jan 16 09:03:24 2026



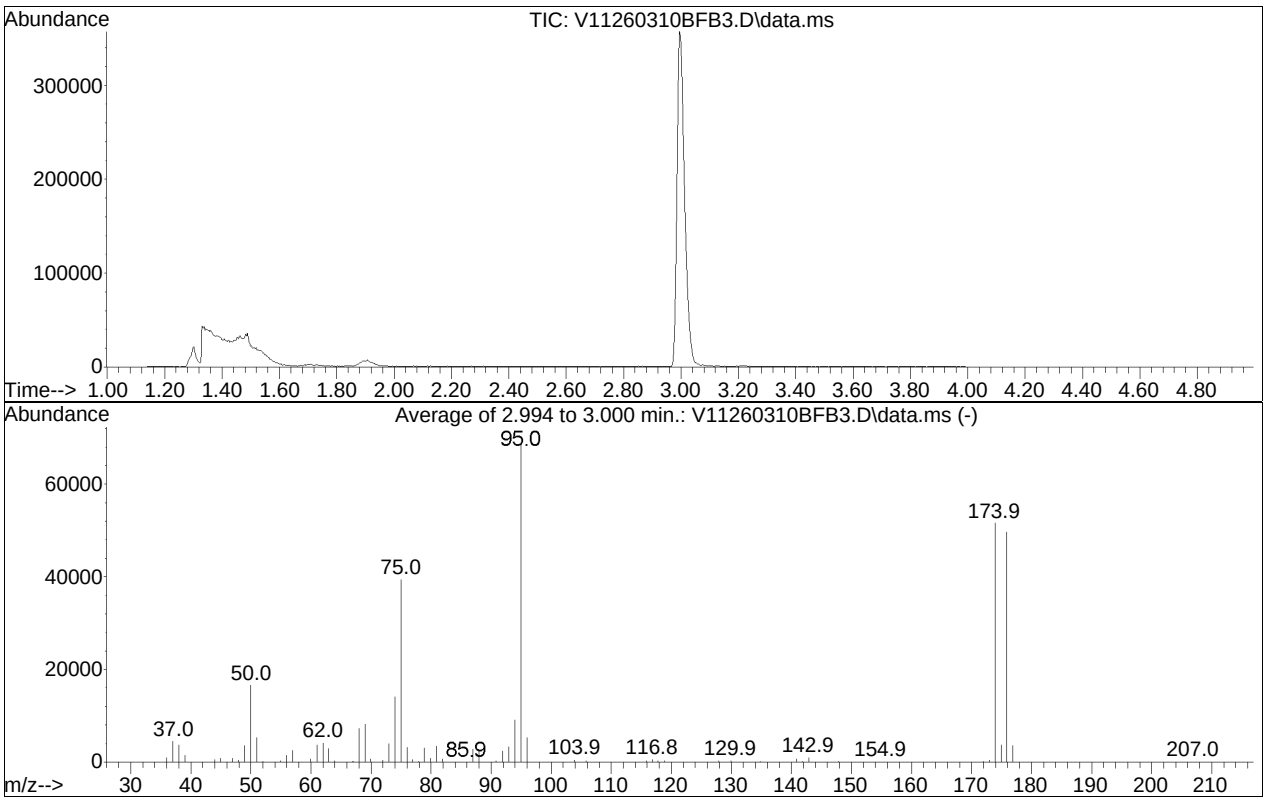
Spectrum Information: Average of 4.984 to 4.989 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.6	66195	PASS
75	95	30	60	50.4	147392	PASS
95	95	100	100	100.0	292480	PASS
96	95	5	9	6.2	18133	PASS
173	174	0.00	2	0.9	1888	PASS
174	95	50	100	75.9	222037	PASS
175	174	5	9	7.2	16020	PASS
176	174	95	101	95.7	212587	PASS
177	176	5	9	6.8	14544	PASS

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310BFB3.D
Acq On : 10 Mar 2026 07:12 am
Operator : VOA111:MNF
Sample : WG2183467-1
Misc : WG2183467,ICAL22987
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Jan 22 13:25:35 2026



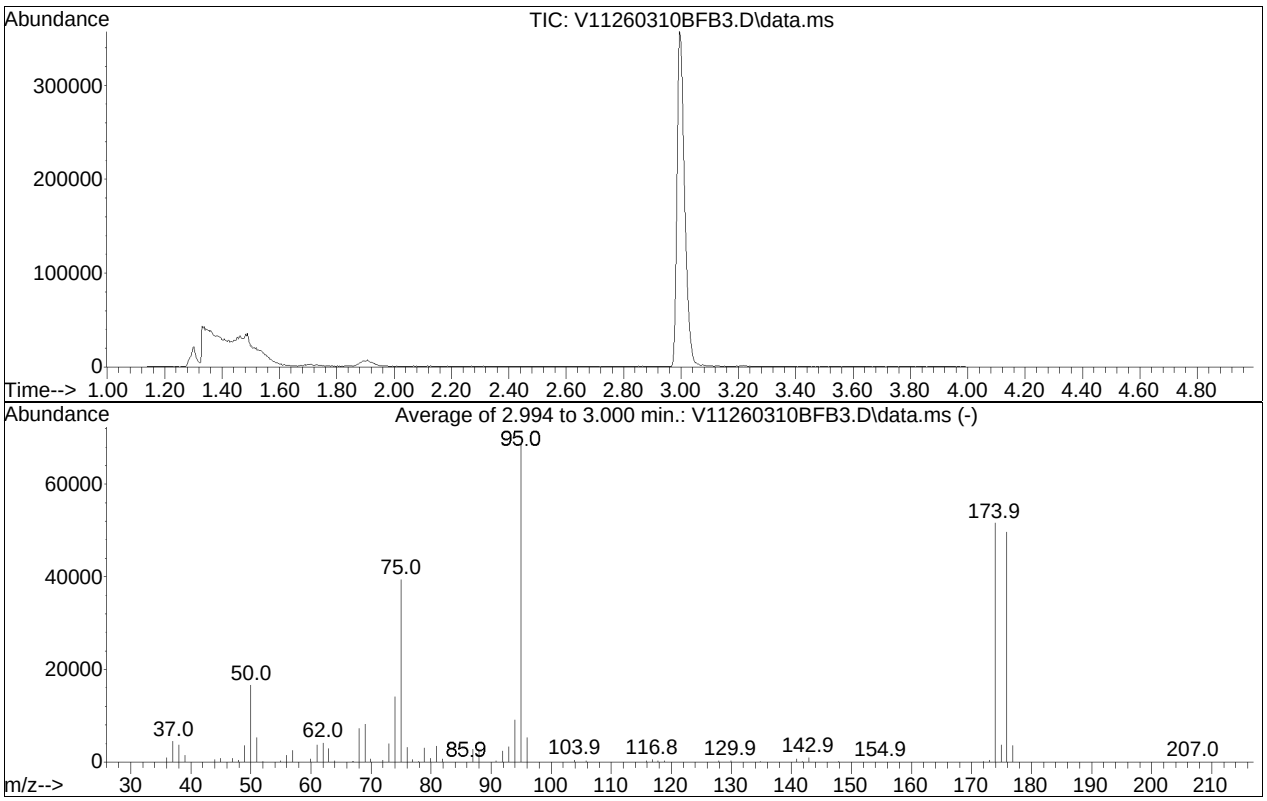
AutoFind: Scans 666, 667, 668; Background Corrected with Scan 654

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.1	16589	PASS
75	95	30	60	57.1	39405	PASS
95	95	100	100	100.0	68971	PASS
96	95	5	9	7.6	5242	PASS
173	174	0.00	2	1.0	500	PASS
174	95	50	100	74.9	51680	PASS
175	174	5	9	7.2	3737	PASS
176	174	95	101	96.2	49712	PASS
177	176	5	9	7.3	3609	PASS

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310BFB3.D
Acq On : 10 Mar 2026 07:12 am
Operator : VOA111:MNF
Sample : WG2183816-1
Misc : WG2183816,ICAL22987
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Jan 22 13:25:35 2026



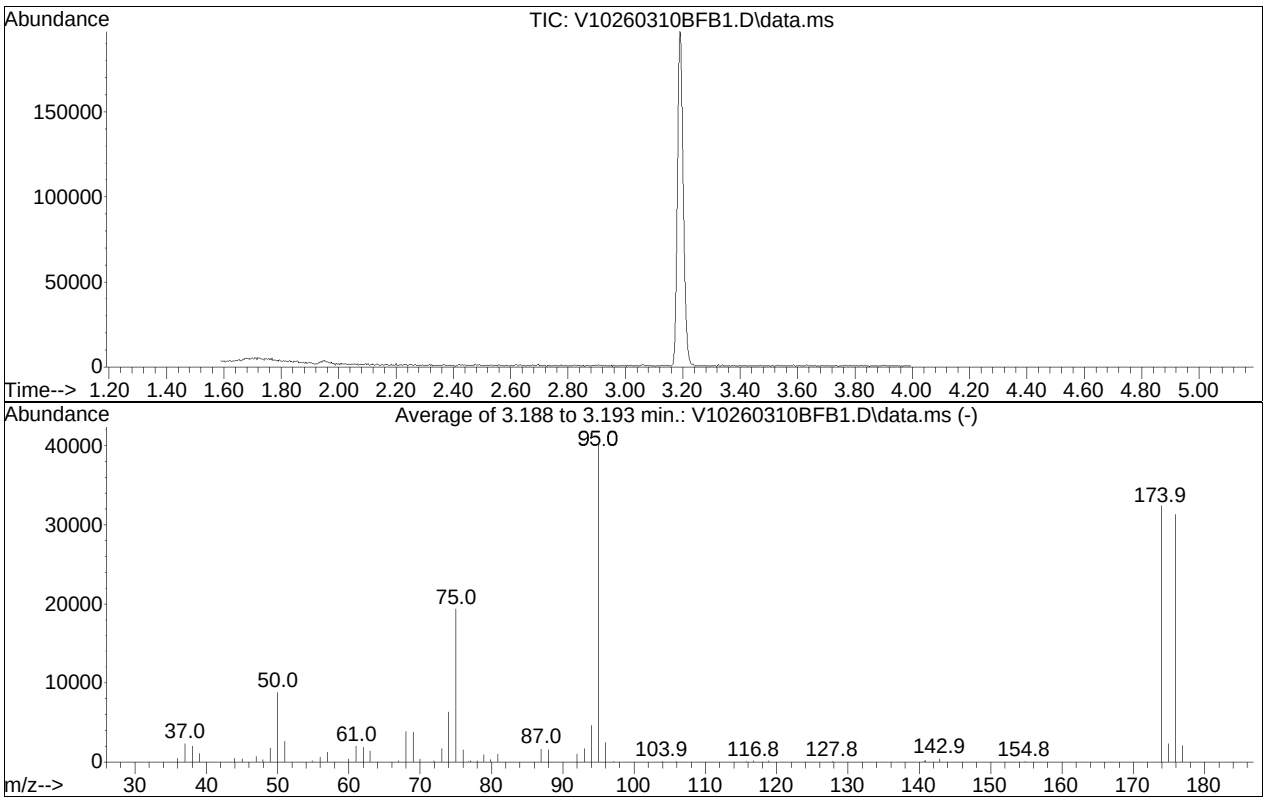
Spectrum Information: Average of 2.994 to 3.000 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.1	16589	PASS
75	95	30	60	57.1	39405	PASS
95	95	100	100	100.0	68971	PASS
96	95	5	9	7.6	5242	PASS
173	174	0.00	2	1.0	500	PASS
174	95	50	100	74.9	51680	PASS
175	174	5	9	7.2	3737	PASS
176	174	95	101	96.2	49712	PASS
177	176	5	9	7.3	3609	PASS

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310BFB1.D
Acq On : 10 Mar 2026 12:53 pm
Operator : VOA110:AJK
Sample : WG2183801-1
Misc : WG2183801,ICAL23128
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Mar 06 12:21:57 2026



Spectrum Information: Average of 3.188 to 3.193 min.

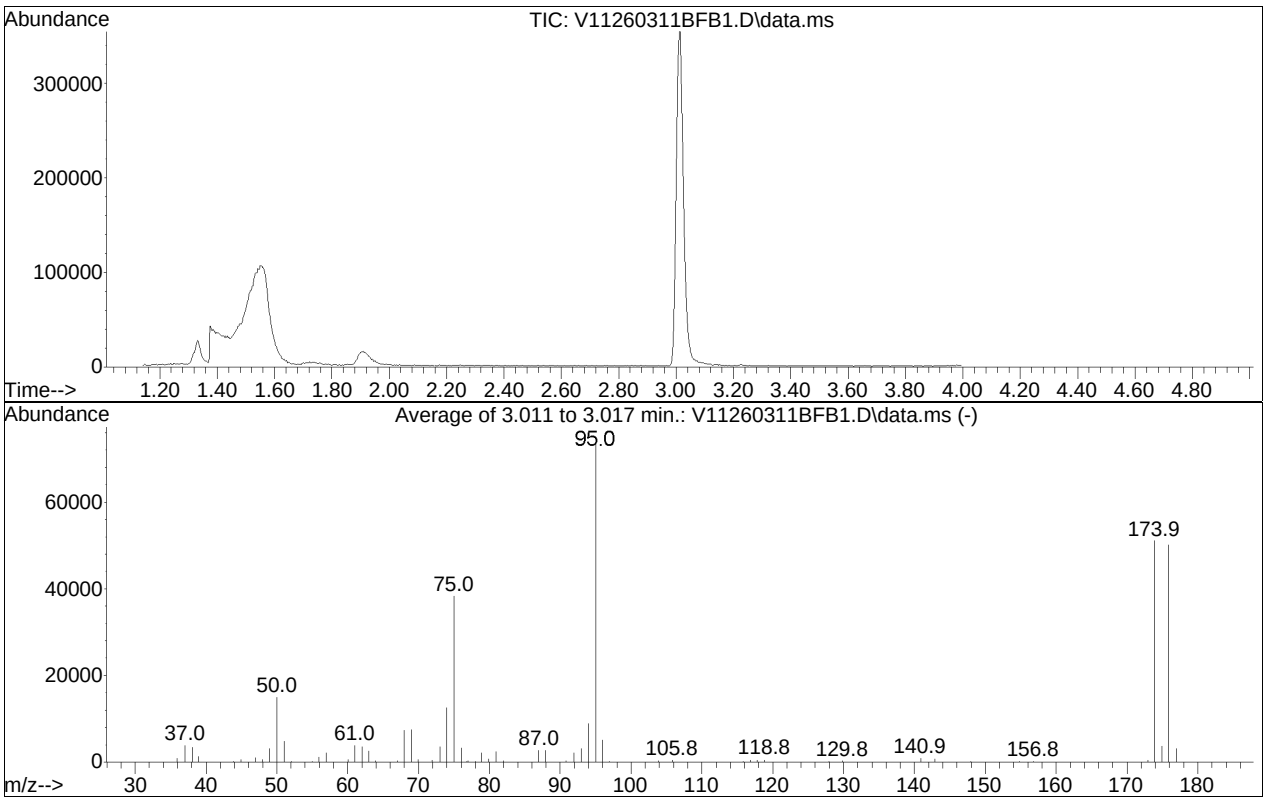
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.8	8806	PASS
75	95	30	60	48.0	19387	PASS
95	95	100	100	100.0	40395	PASS
96	95	5	9	6.2	2505	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	80.2	32389	PASS
175	174	5	9	7.1	2300	PASS
176	174	95	101	96.7	31336	PASS
177	176	5	9	6.6	2064	PASS

BFB

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311BFB1.D
Acq On : 11 Mar 2026 12:37 pm
Operator : VOA111:BAD
Sample : WG2183467-8
Misc : WG2183467,ICAL22987
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Jan 22 13:25:35 2026



AutoFind: Scans 672, 673, 674; Background Corrected with Scan 658

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.2	14909	PASS
75	95	30	60	52.0	38325	PASS
95	95	100	100	100.0	73728	PASS
96	95	5	9	7.0	5175	PASS
173	174	0.00	2	0.8	412	PASS
174	95	50	100	69.2	51048	PASS
175	174	5	9	7.2	3661	PASS
176	174	95	101	98.1	50093	PASS
177	176	5	9	6.4	3202	PASS

Volatiles Raw QC Data

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A05.D
Acq On : 09 Mar 2026 12:04 pm
Operator : VOA126:TMH
Sample : WG2183398-5,31,5,5
Misc : WG2183398,ICAL22967
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 09 12:45:19 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	11.265	96	1069122	20.000	ug/L	0.00
Standard Area 1 = 1096647			Recovery = 97.49%			
63) Chlorobenzene-d5	17.941	117	804966	20.000	ug/L	0.00
Standard Area 1 = 791330			Recovery = 101.72%			
88) 1,4-Dichlorobenzene-d4	23.588	152	381017	20.000	ug/L	0.00
Standard Area 1 = 374599			Recovery = 101.71%			
System Monitoring Compounds						
39) Dibromofluoromethane	9.639	113	261163	19.818	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.09%			
47) 1,2-Dichloroethane-d4	10.632	65	279629	21.460	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.30%			
65) Toluene-d8	14.592	98	1114029	21.261	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.31%			
92) 4-Bromofluorobenzene	20.772	95	387114	20.913	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.57%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.589	85	33	N.D.		
4) Chloromethane	3.022	50	136	N.D.		
5) Vinyl chloride	0.000		0	N.D.		
6) Bromomethane	3.819	94	65	N.D.		
7) Chloroethane	0.000		0	N.D.		
8) Trichlorofluoromethane	4.338	101	26	N.D.		
9) Ethyl ether	4.915	74	73	N.D.		
11) 1,1-Dichloroethene	0.000		0	N.D.		
12) Carbon disulfide	6.343	76	9863M1	0.227	ug/L	
17) Methylene chloride	6.357	84	8120M1	0.527	ug/L	
19) Acetone	5.308	43	10018	0.181	ug/L	92
20) trans-1,2-Dichloroethene	0.000		0	N.D.		
23) Methyl tert-butyl ether	6.633	73	119	N.D.		
26) 1,1-Dichloroethane	0.000		0	N.D.		
28) Acrylonitrile	0.000		0	N.D.		
30) Vinyl acetate	7.740	43	30	N.D.		
31) cis-1,2-Dichloroethene	8.886	96	30	N.D.		
32) 2,2-Dichloropropane	0.000		0	N.D.		
33) Bromochloromethane	0.000		0	N.D.		
35) Chloroform	9.212	83	25138	0.944	ug/L	98

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A05.D
Acq On : 09 Mar 2026 12:04 pm
Operator : VOA126:TMH
Sample : WG2183398-5,31,5,5
Misc : WG2183398,ICAL22967
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 09 12:45:19 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Carbon tetrachloride	0.000		0	N.D.		
40) 1,1,1-Trichloroethane	0.000		0	N.D.		
42) 2-Butanone	8.602	43	1856M3	0.464	ug/L	
43) 1,1-Dichloropropene	0.000		0	N.D.		
45) Benzene	10.827	78	350	N.D.		
48) 1,2-Dichloroethane	10.822	62	74	N.D.		
52) Trichloroethene	12.054	95	35	N.D.		
54) Dibromomethane	0.000		0	N.D.		
55) 1,2-Dichloropropane	0.000		0	N.D.		
58) Bromodichloromethane	0.000		0	N.D.		
61) 1,4-Dioxane	0.000		0	N.D.		
62) cis-1,3-Dichloropropene	0.000		0	N.D.		
66) Toluene	14.756	92	1340	N.D.		
67) 4-Methyl-2-pentanone	0.000		0	N.D.		
68) Tetrachloroethene	0.000		0	N.D.		
71) trans-1,3-Dichloropropene	0.000		0	N.D.		
75) 1,1,2-Trichloroethane	0.000		0	N.D.		
76) Chlorodibromomethane	0.000		0	N.D.		
77) 1,3-Dichloropropane	0.000		0	N.D.		
78) 1,2-Dibromoethane	0.000		0	N.D.		
80) 2-Hexanone	15.548	43	30	N.D.		
82) Chlorobenzene	18.027	112	178	N.D.		
83) Ethylbenzene	18.161	91	643	N.D.		
84) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
85) p/m Xylene	18.320	106	166	N.D.		
86) o Xylene	19.344	106	163	N.D.		
87) Styrene	19.416	104	266	N.D.		
89) Bromoform	0.000		0	N.D.		
91) Isopropylbenzene	20.186	105	172	N.D.		
93) Bromobenzene	21.207	156	26	N.D.		
95) n-Propylbenzene	21.123	91	127	N.D.		
97) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
98) 4-Ethyltoluene	21.407	105	146	N.D.		
99) 2-Chlorotoluene	21.538	91	91	N.D.		
100) 1,3,5-Trimethylbenzene	21.513	105	75	N.D.		
101) 1,2,3-Trichloropropane	0.000		0	N.D.		
102) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
103) 4-Chlorotoluene	21.647	91	273	N.D.		
104) tert-Butylbenzene	22.367	119	59	N.D.		

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A05.D
Acq On : 09 Mar 2026 12:04 pm
Operator : VOA126:TMH
Sample : WG2183398-5,31,5,5
Misc : WG2183398,ICAL22967
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 09 12:45:19 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) 1,2,4-Trimethylbenzene	22.442	105	357	N.D.		
109) sec-Butylbenzene	22.877	105	81	N.D.		
110) p-Isopropyltoluene	23.223	119	146	N.D.		
111) 1,3-Dichlorobenzene	23.396	146	342	N.D.		
112) 1,4-Dichlorobenzene	23.666	146	458	N.D.		
115) p-Diethylbenzene	24.210	119	34	N.D.		
116) n-Butylbenzene	24.196	91	465	N.D.		
118) 1,2-Dichlorobenzene	24.525	146	137	N.D.		
120) 1,2,4,5-Tetramethylben...	25.931	119	167	N.D.		
121) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
124) Hexachlorobutadiene	0.000		0	N.D.		
125) 1,2,4-Trichlorobenzene	27.966	180	768	0.046	ug/L #	63
126) Naphthalene	28.432	128	3929	0.132	ug/L	100
127) 1,2,3-Trichlorobenzene	28.867	180	851	0.061	ug/L #	51

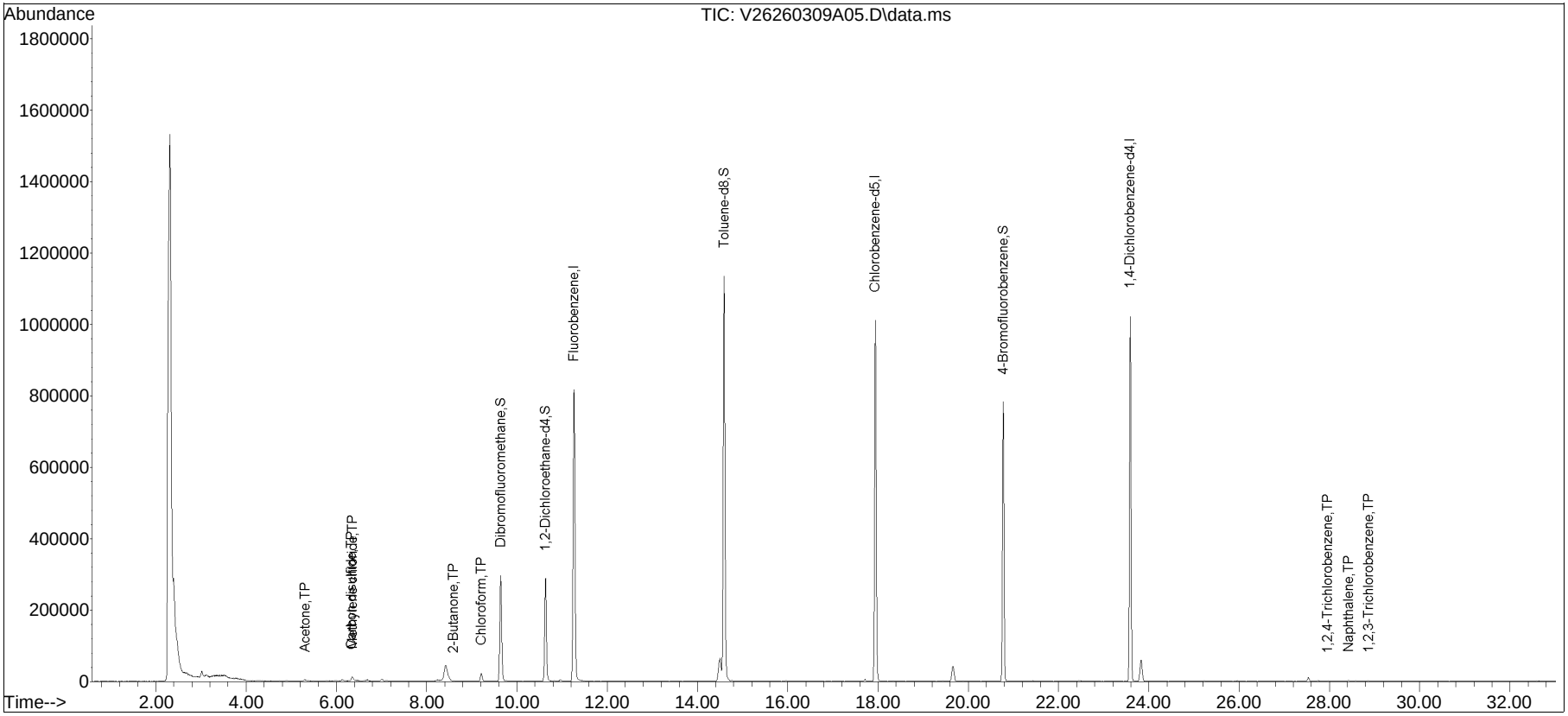
(#) = qualifier out of range (m) = manual integration (+) = signals summed

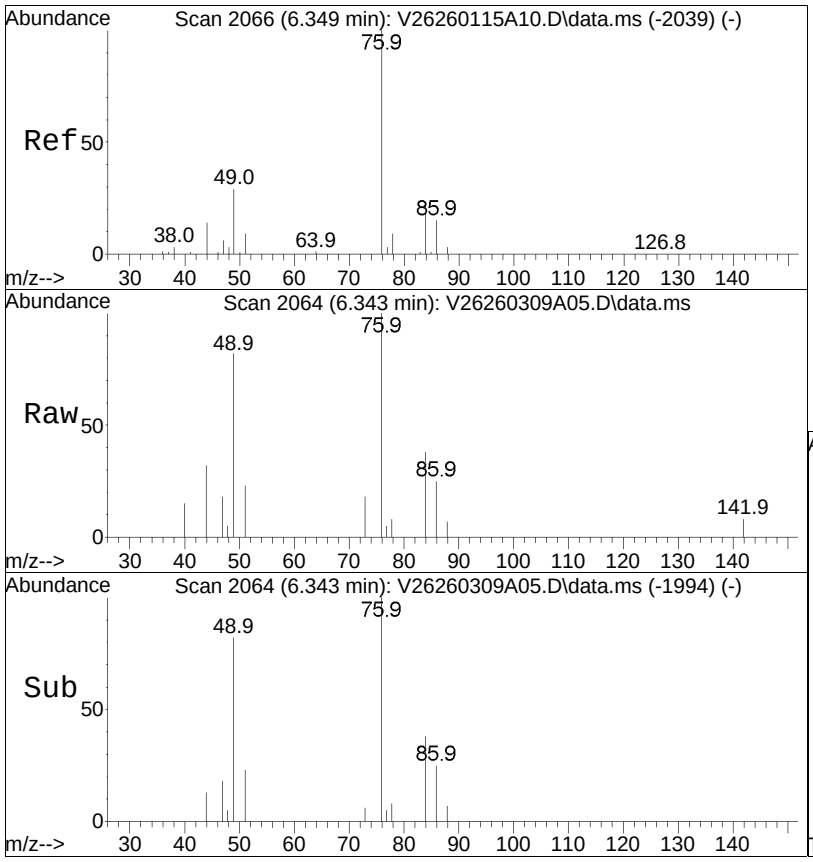
Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A05.D
Acq On : 09 Mar 2026 12:04 pm
Operator : VOA126:TMH
Sample : WG2183398-5,31,5,5
Misc : WG2183398,ICAL22967
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 09 12:45:19 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODOD•

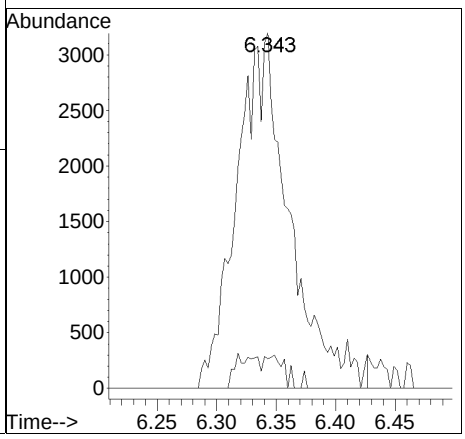


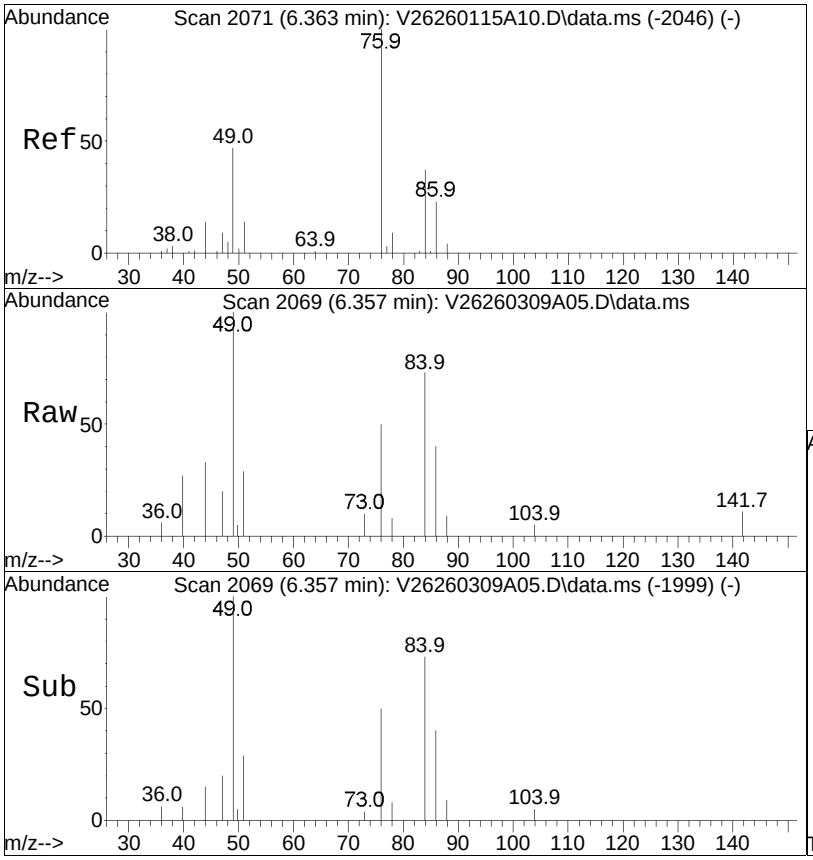


#12
Carbon disulfide
Concen: 0.23 ug/L M1
RT: 6.343 min Scan# 2064
Delta R.T. -0.006 min
Lab File: V26260309A05.D
Acq: 09 Mar 2026 12:04 pm

Tgt Ion: 76 Resp: 9863

Ion	Ratio	Lower	Upper
76	100		
78	3.4	5.9	12.3#

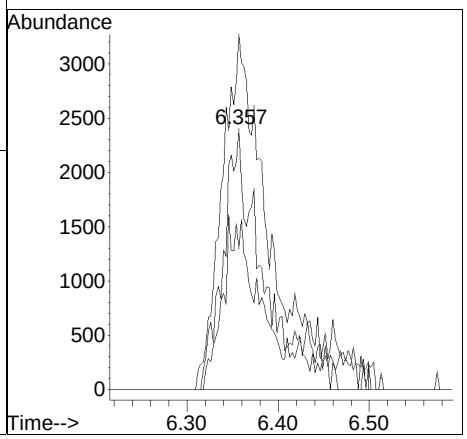


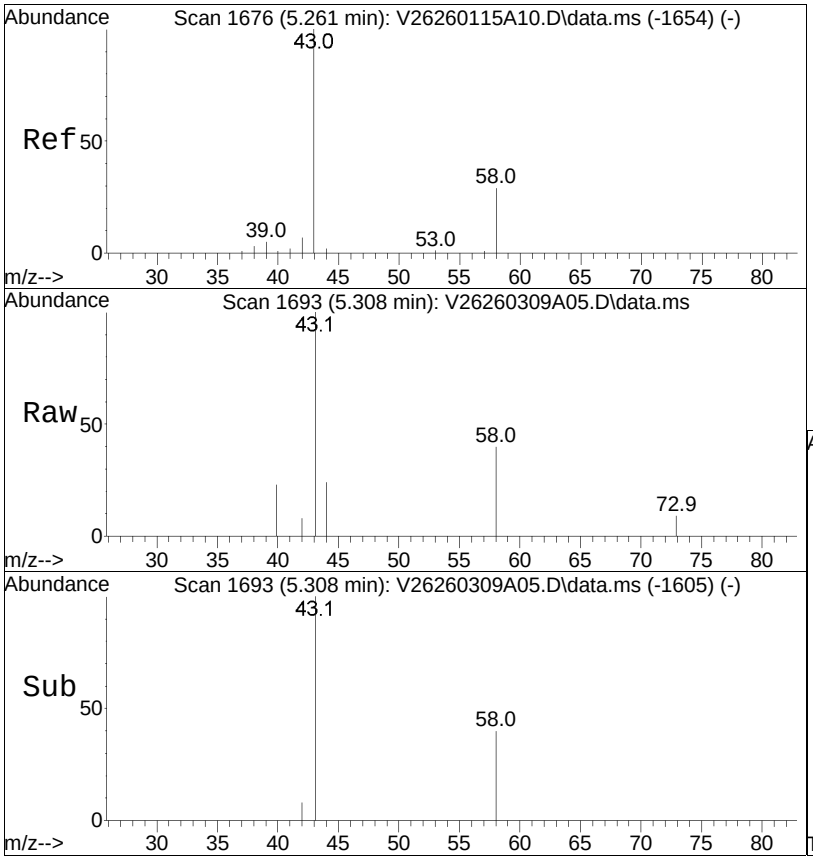


#17
Methylene chloride
Concen: 0.53 ug/L M1
RT: 6.357 min Scan# 2069
Delta R.T. -0.006 min
Lab File: V26260309A05.D
Acq: 09 Mar 2026 12:04 pm

Tgt Ion: 84 Resp: 8120

Ion	Ratio	Lower	Upper
84	100		
86	18.2	41.9	87.1#
49	123.0	88.1	183.1

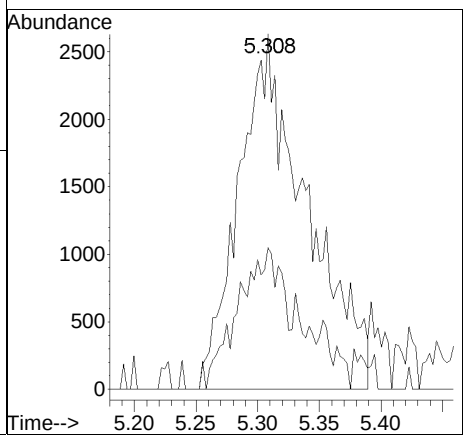


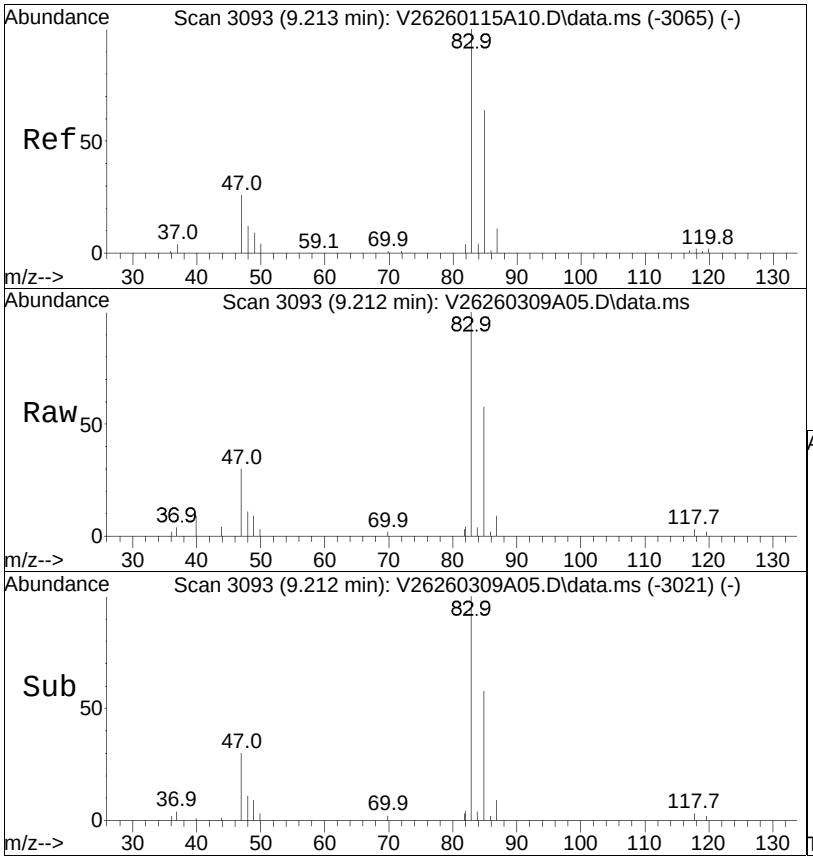


#19
Acetone
Concen: 0.18 ug/L
RT: 5.308 min Scan# 1693
Delta R.T. 0.047 min
Lab File: V26260309A05.D
Acq: 09 Mar 2026 12:04 pm

Tgt Ion: 43 Resp: 10018

Ion	Ratio	Lower	Upper
43	100		
58	26.6	24.6	37.0

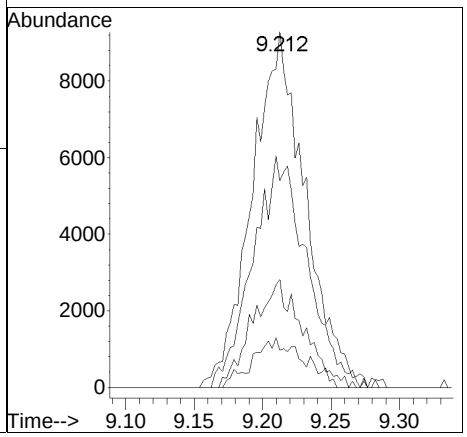


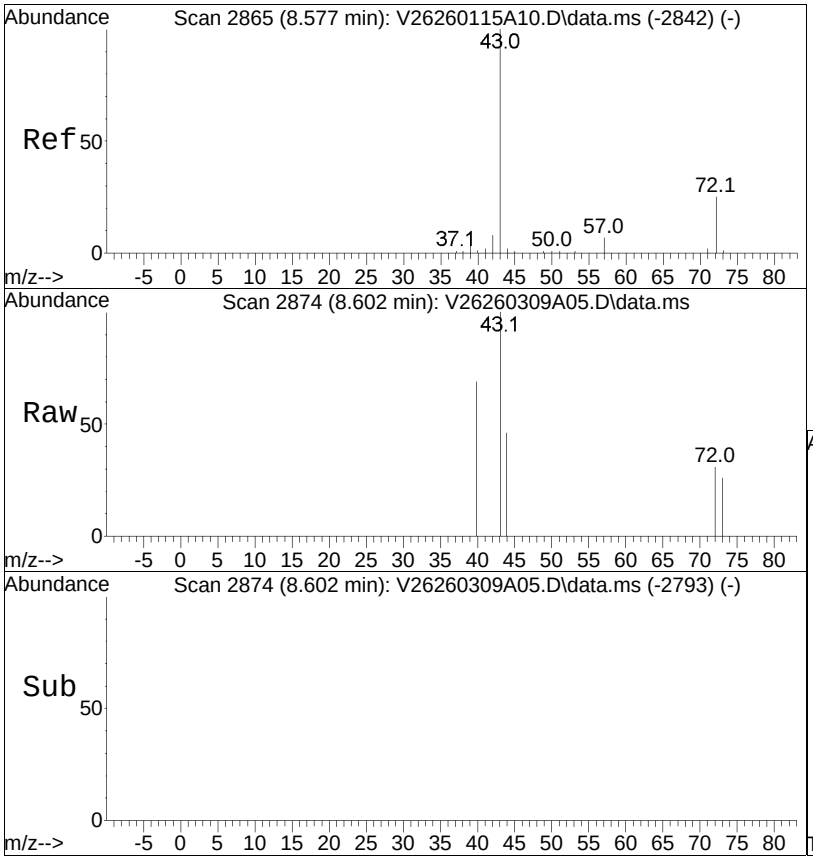


#35
Chloroform
Concen: 0.94 ug/L
RT: 9.212 min Scan# 3093
Delta R.T. -0.000 min
Lab File: V26260309A05.D
Acq: 09 Mar 2026 12:04 pm

Tgt Ion: 83 Resp: 25138

Ion	Ratio	Lower	Upper
83	100		
85	65.8	42.3	87.9
47	28.7	17.3	35.9
48	11.8	8.3	17.3

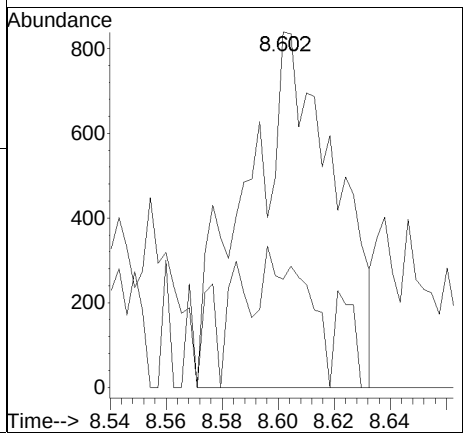


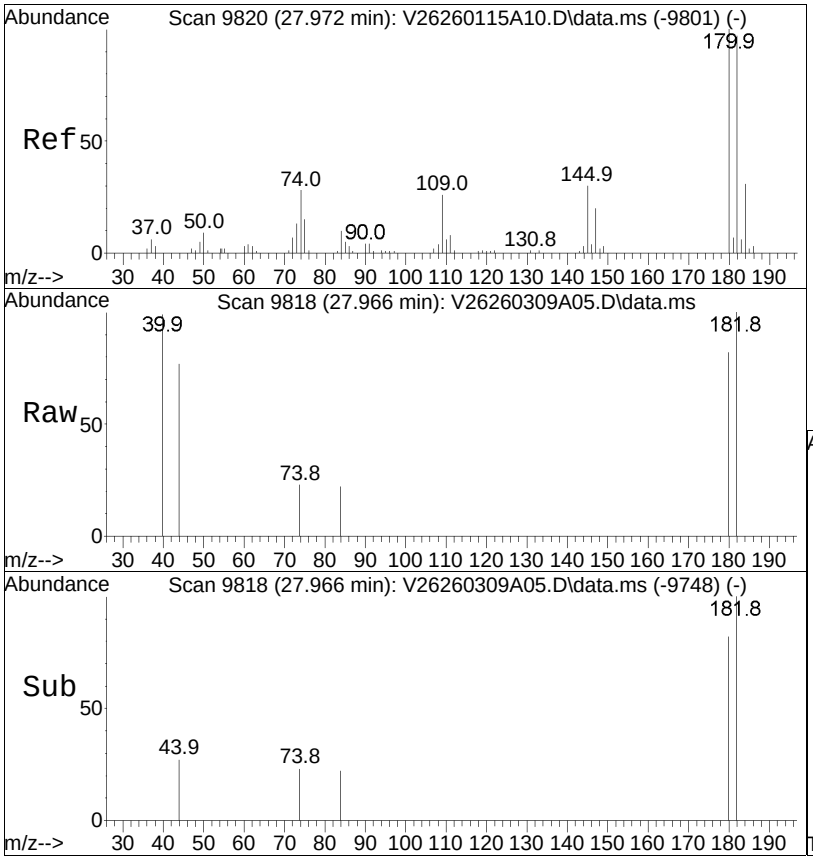


#42
2-Butanone
Concen: 0.46 ug/L M3
RT: 8.602 min Scan# 2874
Delta R.T. 0.025 min
Lab File: V26260309A05.D
Acq: 09 Mar 2026 12:04 pm

Tgt Ion: 43 Resp: 1856

Ion	Ratio	Lower	Upper
43	100		
72	19.7	18.7	28.1

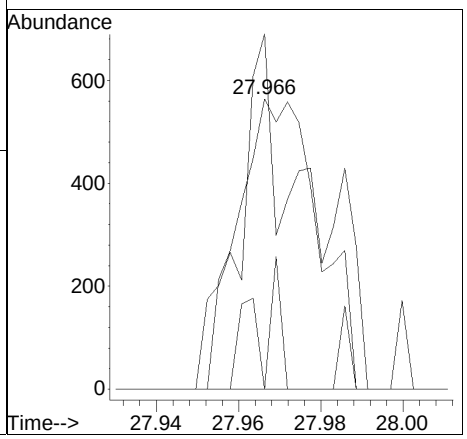


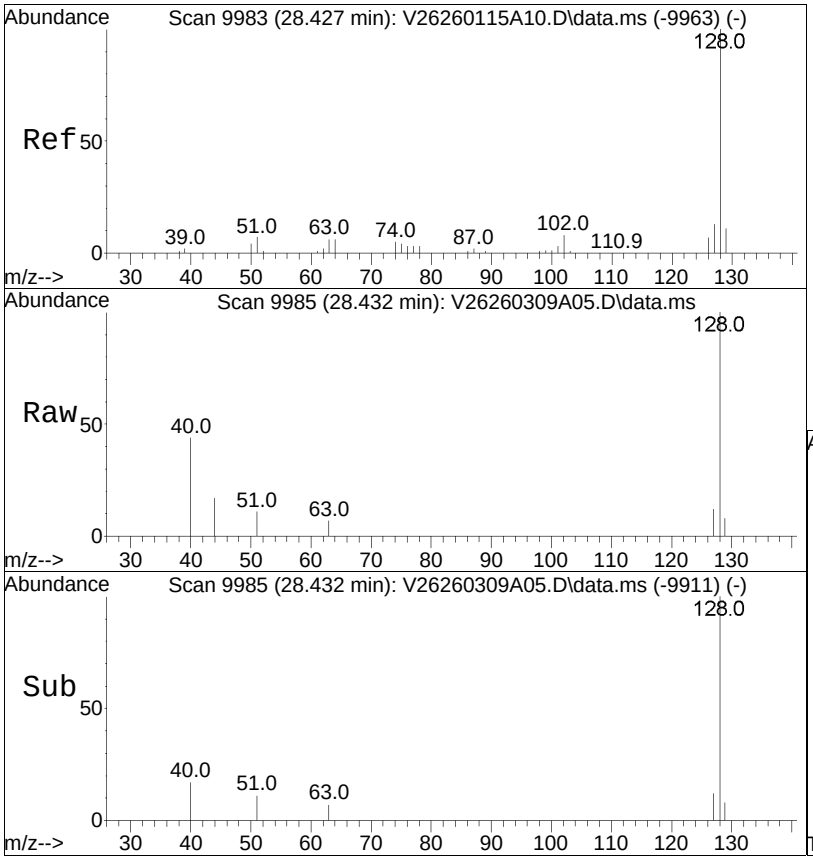


#125
1,2,4-Trichlorobenzene
Concen: 0.05 ug/L
RT: 27.966 min Scan# 9818
Delta R.T. -0.006 min
Lab File: V26260309A05.D
Acq: 09 Mar 2026 12:04 pm

Tgt Ion:180 Resp: 768

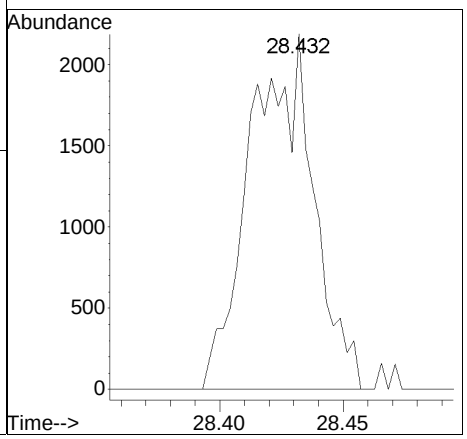
Ion	Ratio	Lower	Upper
180	100		
182	61.5	75.8	113.8#
145	7.4	25.8	38.8#

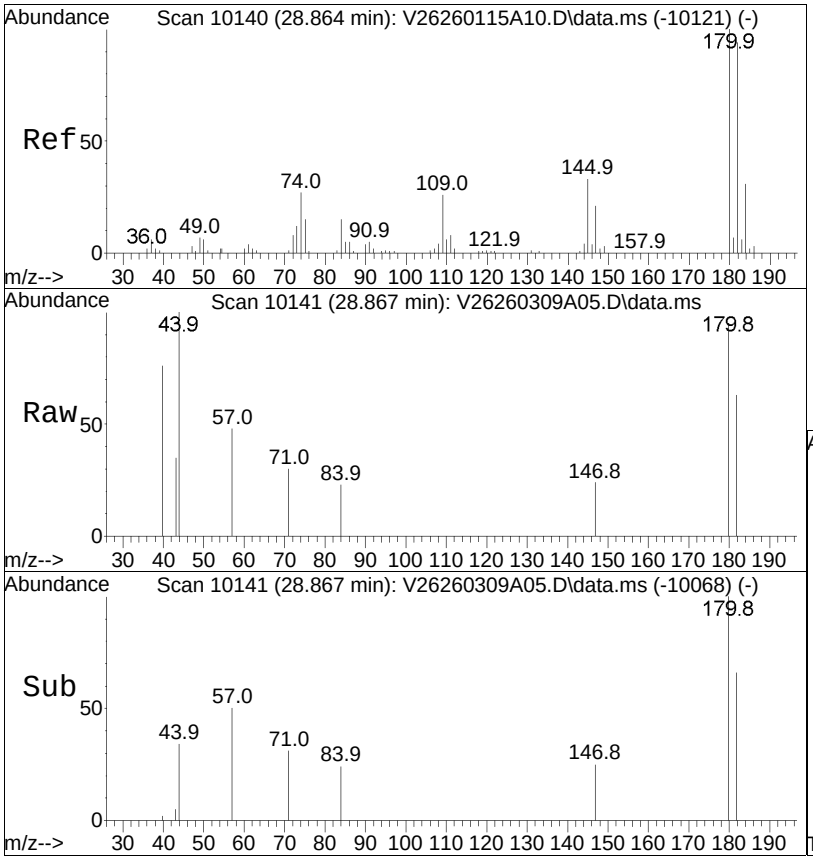




#126
Naphthalene
Concen: 0.13 ug/L
RT: 28.432 min Scan# 9985
Delta R.T. 0.005 min
Lab File: V26260309A05.D
Acq: 09 Mar 2026 12:04 pm

Tgt Ion:128 Resp: 3929

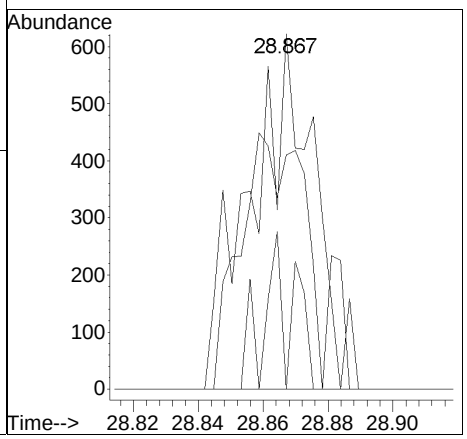




#127
1,2,3-Trichlorobenzene
Concen: 0.06 ug/L
RT: 28.867 min Scan# 10141
Delta R.T. 0.003 min
Lab File: V26260309A05.D
Acq: 09 Mar 2026 12:04 pm

Tgt Ion:180 Resp: 851

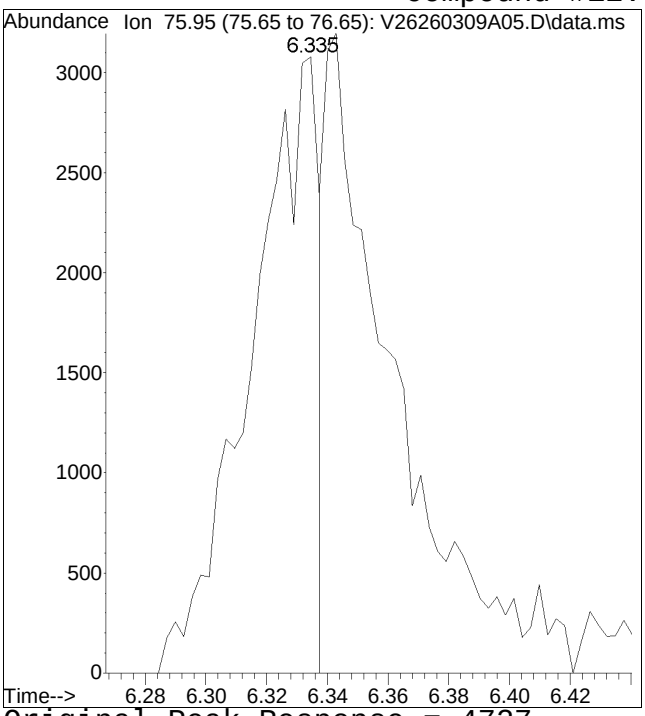
Ion	Ratio	Lower	Upper
180	100		
182	43.1	76.0	114.0#
145	12.3	27.5	41.3#



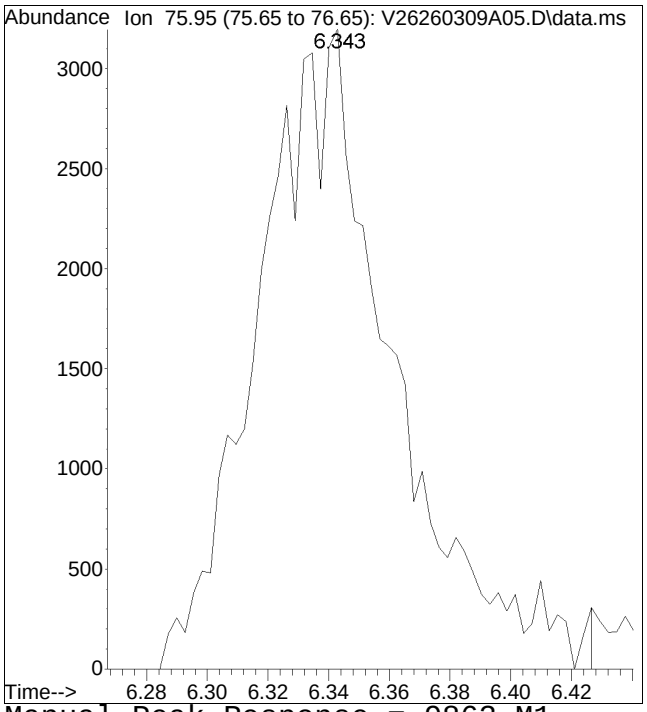
Manual Integration Report

Data Path	: K:\VOA126\2026\260309A\	QMethod	: V126_260115A_8260.m
Data File	: V26260309A05.D	Operator	: VOA126:TMH
Date Inj'd	: 3/9/2026 12:04 pm	Instrument	: VOA126
Sample	: WG2183398-5,31,5,5	Quant Date	: 3/9/2026 12:43 pm

Compound #12: Carbon disulfide



Original Peak Response = 4727



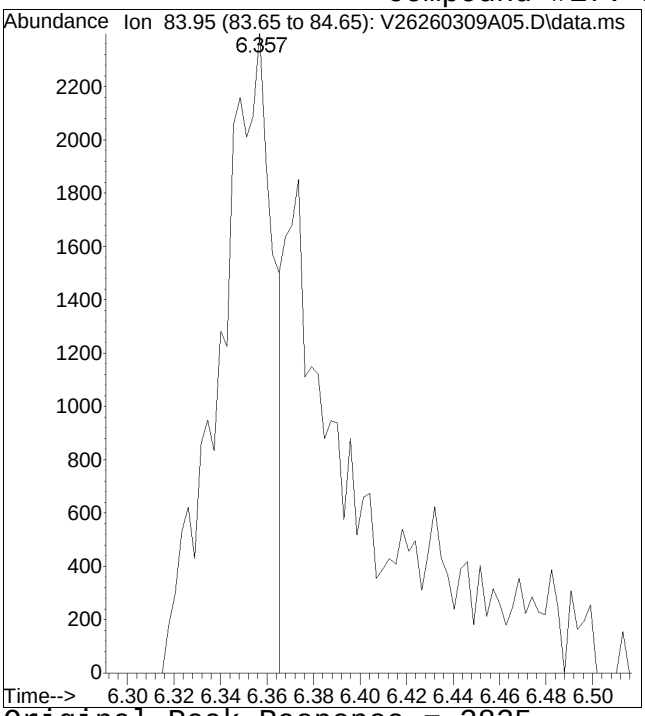
Manual Peak Response = 9863 M1

M1 = Peak Integration was less than it should be

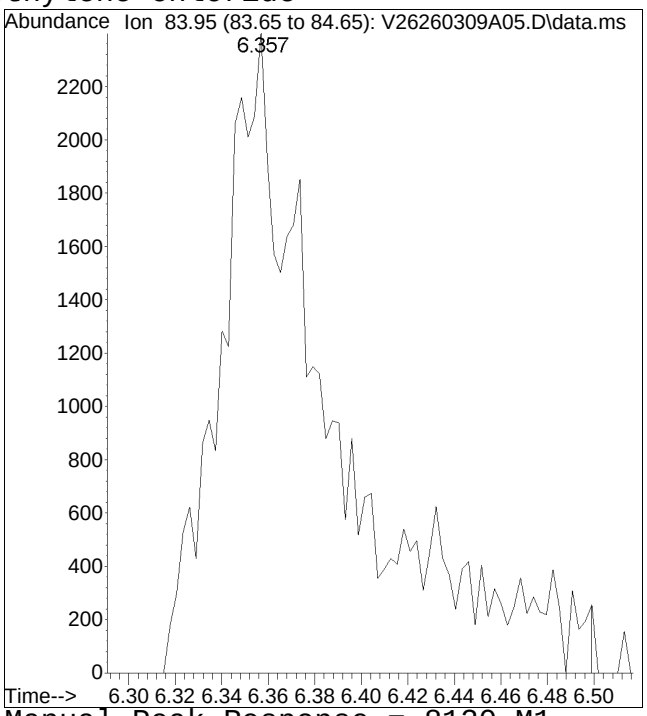
Manual Integration Report

Data Path	: K:\VOA126\2026\260309A\	QMethod	: V126_260115A_8260.m
Data File	: V26260309A05.D	Operator	: VOA126:TMH
Date Inj'd	: 3/9/2026 12:04 pm	Instrument	: VOA126
Sample	: WG2183398-5,31,5,5	Quant Date	: 3/9/2026 12:43 pm

Compound #17: Methylene chloride



Original Peak Response = 3835



Manual Peak Response = 8120 M1

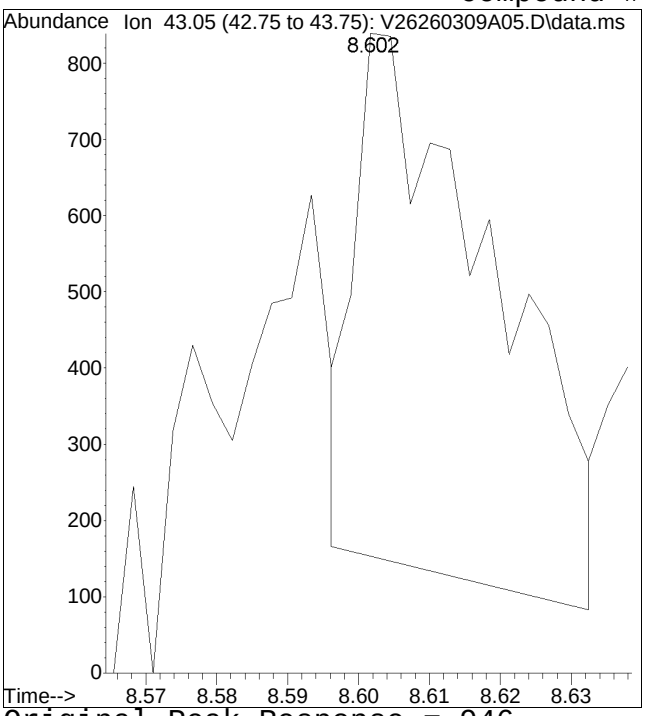
M1 = Peak Integration was less than it should be

Manual Integration Report

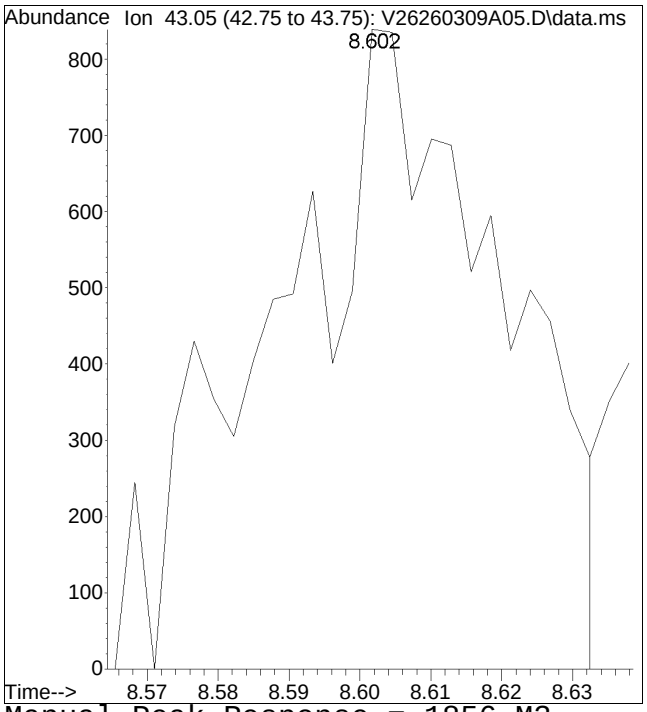
Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A05.D
Date Inj'd : 3/9/2026 12:04 pm
Sample : WG2183398-5,31,5,5

QMethod : V126_260115A_8260.m
Operator : VOA126:TMH
Instrument : VOA126
Quant Date : 3/9/2026 12:43 pm

Compound #42: 2-Butanone



Original Peak Response = 946



Manual Peak Response = 1856 M3

M3 = Wrong Peak Identified

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A05.D
Acq On : 09 Mar 2026 12:04 pm
Operator : VOA126:TMH
Sample : WG2183848-5,31h,15,15,0.1
Misc : WG2183848,ICAL22967
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 09 12:45:19 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	11.265	96	1069122	20.000 ug/L	0.00
Standard Area 1 = 1096647			Recovery	= 97.49%	
63) Chlorobenzene-d5	17.941	117	804966	20.000 ug/L	0.00
Standard Area 1 = 791330			Recovery	= 101.72%	
88) 1,4-Dichlorobenzene-d4	23.588	152	381017	20.000 ug/L	0.00
Standard Area 1 = 374599			Recovery	= 101.71%	
System Monitoring Compounds					
39) Dibromofluoromethane	9.639	113	261163	19.818 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 99.09%	
47) 1,2-Dichloroethane-d4	10.632	65	279629	21.460 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 107.30%	
65) Toluene-d8	14.592	98	1114029	21.261 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 106.31%	
92) 4-Bromofluorobenzene	20.772	95	387114	20.913 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery	= 104.57%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.589	85	33	N.D.	
4) Chloromethane	3.022	50	136	N.D.	
5) Vinyl chloride	0.000		0	N.D.	
6) Bromomethane	3.819	94	65	N.D.	
7) Chloroethane	0.000		0	N.D.	
8) Trichlorofluoromethane	4.338	101	26	N.D.	
9) Ethyl ether	4.915	74	73	N.D.	
11) 1,1-Dichloroethene	0.000		0	N.D.	
12) Carbon disulfide	6.343	76	9863M1	0.227 ug/L	
17) Methylene chloride	6.357	84	8120M1	0.527 ug/L	
19) Acetone	5.308	43	10018	0.181 ug/L	92
20) trans-1,2-Dichloroethene	0.000		0	N.D.	
23) Methyl tert-butyl ether	6.633	73	119	N.D.	
26) 1,1-Dichloroethane	0.000		0	N.D.	
28) Acrylonitrile	0.000		0	N.D.	
30) Vinyl acetate	7.740	43	30	N.D.	
31) cis-1,2-Dichloroethene	8.886	96	30	N.D.	
32) 2,2-Dichloropropane	0.000		0	N.D.	
33) Bromochloromethane	0.000		0	N.D.	
35) Chloroform	9.212	83	25138	0.944 ug/L	98

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A05.D
Acq On : 09 Mar 2026 12:04 pm
Operator : VOA126:TMH
Sample : WG2183848-5,31h,15,15,0.1
Misc : WG2183848,ICAL22967
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 09 12:45:19 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Carbon tetrachloride	0.000		0	N.D.		
40) 1,1,1-Trichloroethane	0.000		0	N.D.		
42) 2-Butanone	8.602	43	1856M3	0.464	ug/L	
43) 1,1-Dichloropropene	0.000		0	N.D.		
45) Benzene	10.827	78	350	N.D.		
48) 1,2-Dichloroethane	10.822	62	74	N.D.		
52) Trichloroethene	12.054	95	35	N.D.		
54) Dibromomethane	0.000		0	N.D.		
55) 1,2-Dichloropropane	0.000		0	N.D.		
58) Bromodichloromethane	0.000		0	N.D.		
61) 1,4-Dioxane	0.000		0	N.D.		
62) cis-1,3-Dichloropropene	0.000		0	N.D.		
66) Toluene	14.756	92	1340	N.D.		
67) 4-Methyl-2-pentanone	0.000		0	N.D.		
68) Tetrachloroethene	0.000		0	N.D.		
71) trans-1,3-Dichloropropene	0.000		0	N.D.		
75) 1,1,2-Trichloroethane	0.000		0	N.D.		
76) Chlorodibromomethane	0.000		0	N.D.		
77) 1,3-Dichloropropane	0.000		0	N.D.		
78) 1,2-Dibromoethane	0.000		0	N.D.		
80) 2-Hexanone	15.548	43	30	N.D.		
82) Chlorobenzene	18.027	112	178	N.D.		
83) Ethylbenzene	18.161	91	643	N.D.		
84) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
85) p/m Xylene	18.320	106	166	N.D.		
86) o Xylene	19.344	106	163	N.D.		
87) Styrene	19.416	104	266	N.D.		
89) Bromoform	0.000		0	N.D.		
91) Isopropylbenzene	20.186	105	172	N.D.		
93) Bromobenzene	21.207	156	26	N.D.		
95) n-Propylbenzene	21.123	91	127	N.D.		
97) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
98) 4-Ethyltoluene	21.407	105	146	N.D.		
99) 2-Chlorotoluene	21.538	91	91	N.D.		
100) 1,3,5-Trimethylbenzene	21.513	105	75	N.D.		
101) 1,2,3-Trichloropropane	0.000		0	N.D.		
102) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
103) 4-Chlorotoluene	21.647	91	273	N.D.		
104) tert-Butylbenzene	22.367	119	59	N.D.		

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A05.D
Acq On : 09 Mar 2026 12:04 pm
Operator : VOA126:TMH
Sample : WG2183848-5,31h,15,15,0.1
Misc : WG2183848,ICAL22967
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 09 12:45:19 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
107) 1,2,4-Trimethylbenzene	22.442	105	357	N.D.			
109) sec-Butylbenzene	22.877	105	81	N.D.			
110) p-Isopropyltoluene	23.223	119	146	N.D.			
111) 1,3-Dichlorobenzene	23.396	146	342	N.D.			
112) 1,4-Dichlorobenzene	23.666	146	458	N.D.			
115) p-Diethylbenzene	24.210	119	34	N.D.			
116) n-Butylbenzene	24.196	91	465	N.D.			
118) 1,2-Dichlorobenzene	24.525	146	137	N.D.			
120) 1,2,4,5-Tetramethylben...	25.931	119	167	N.D.			
121) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.			
124) Hexachlorobutadiene	0.000		0	N.D.			
125) 1,2,4-Trichlorobenzene	27.966	180	768	0.046	ug/L	#	63
126) Naphthalene	28.432	128	3929	0.132	ug/L		100
127) 1,2,3-Trichlorobenzene	28.867	180	851	0.061	ug/L	#	51

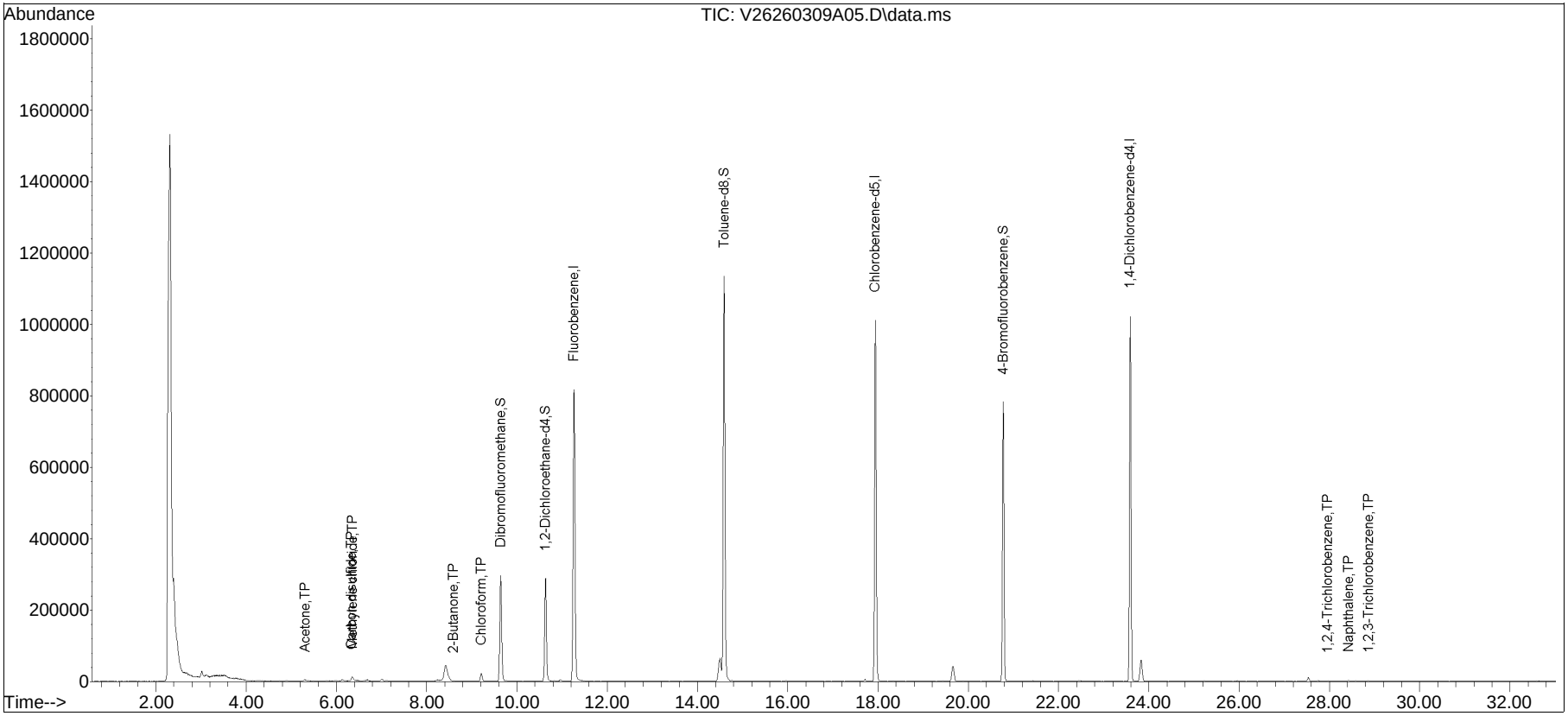
(#) = qualifier out of range (m) = manual integration (+) = signals summed

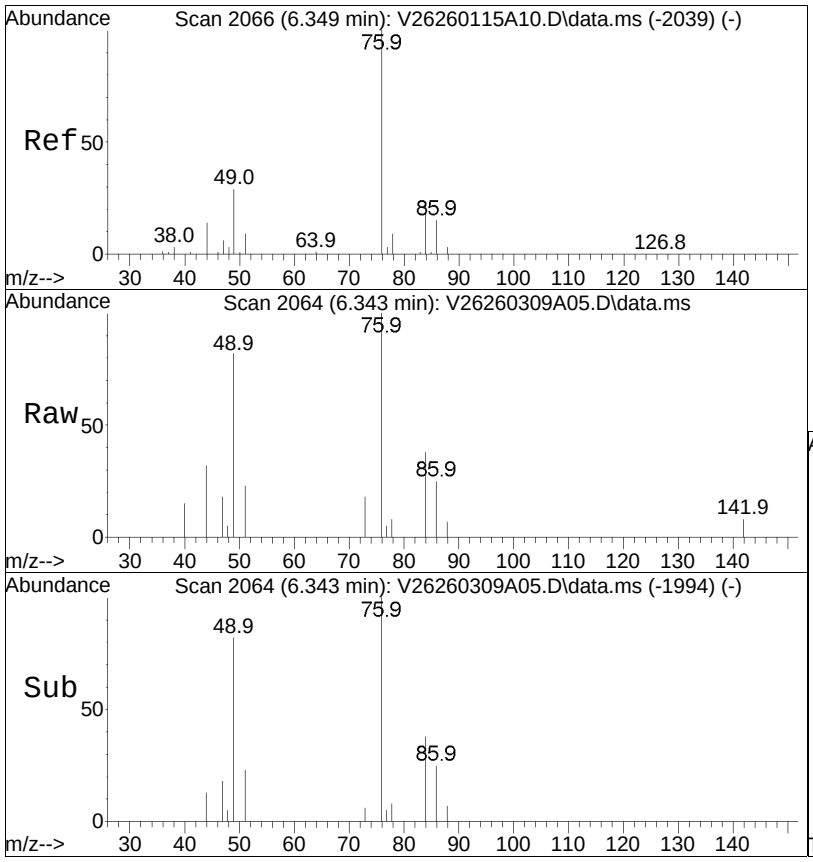
Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A05.D
Acq On : 09 Mar 2026 12:04 pm
Operator : VOA126:TMH
Sample : WG2183848-5,31h,15,15,0.1
Misc : WG2183848,ICAL22967
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 09 12:45:19 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODOD•

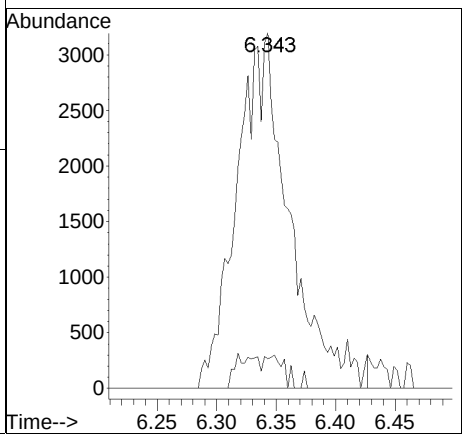


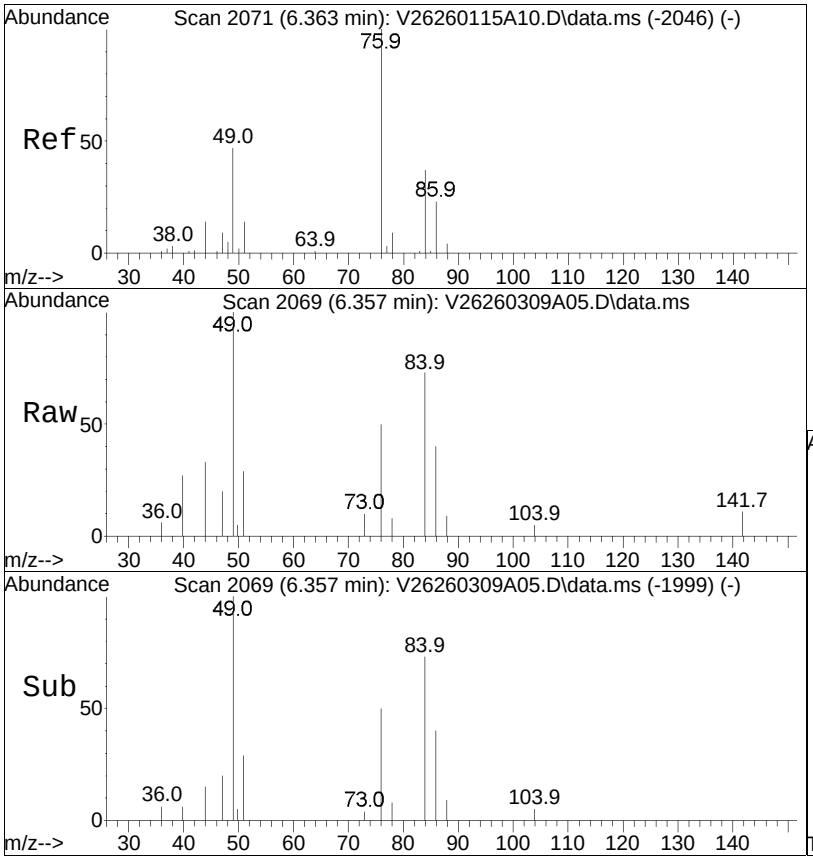


#12
Carbon disulfide
Concen: 0.23 ug/L M1
RT: 6.343 min Scan# 2064
Delta R.T. -0.006 min
Lab File: V26260309A05.D
Acq: 09 Mar 2026 12:04 pm

Tgt Ion: 76 Resp: 9863

Ion	Ratio	Lower	Upper
76	100		
78	3.4	5.9	12.3#

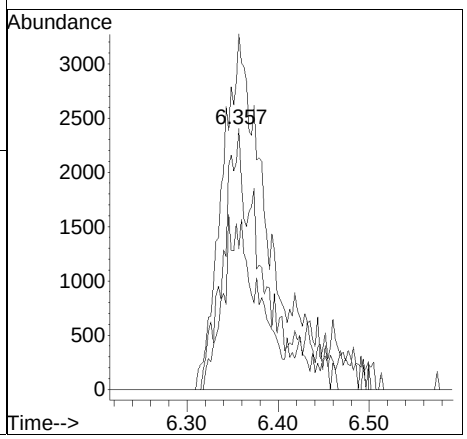


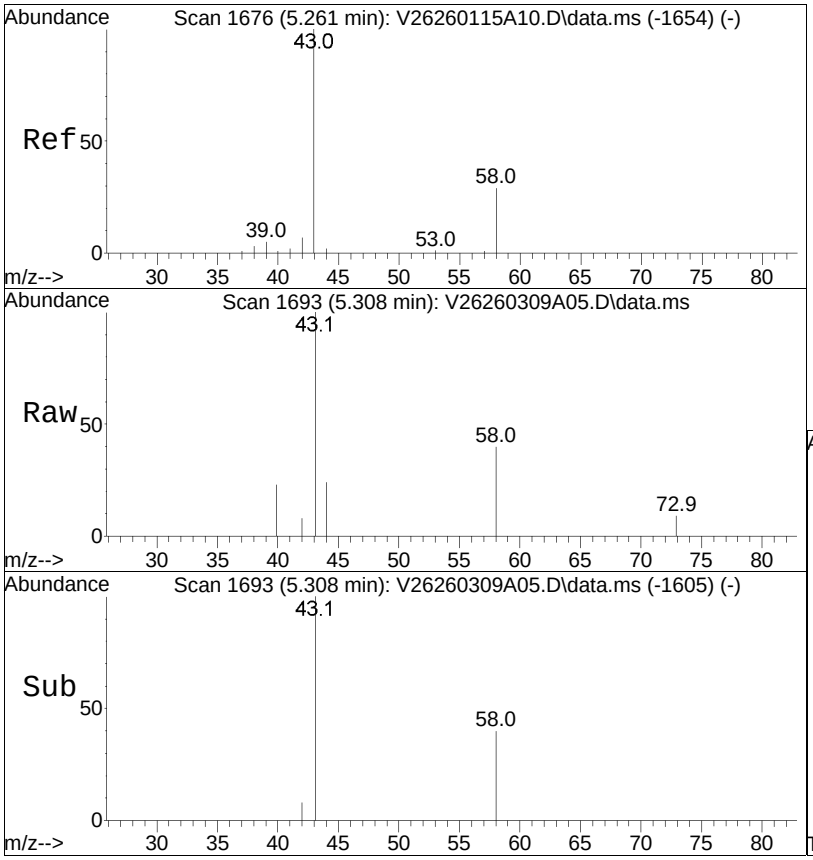


#17
Methylene chloride
Concen: 0.53 ug/L M1
RT: 6.357 min Scan# 2069
Delta R.T. -0.006 min
Lab File: V26260309A05.D
Acq: 09 Mar 2026 12:04 pm

Tgt Ion: 84 Resp: 8120

Ion	Ratio	Lower	Upper
84	100		
86	18.2	41.9	87.1#
49	123.0	88.1	183.1

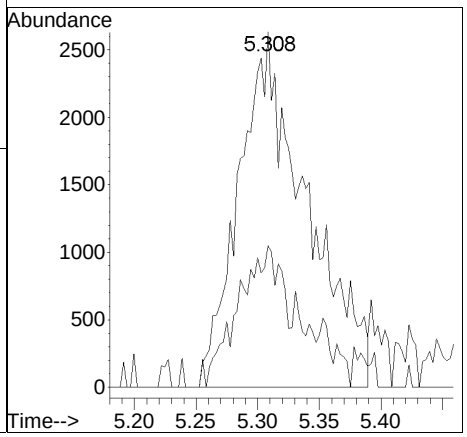


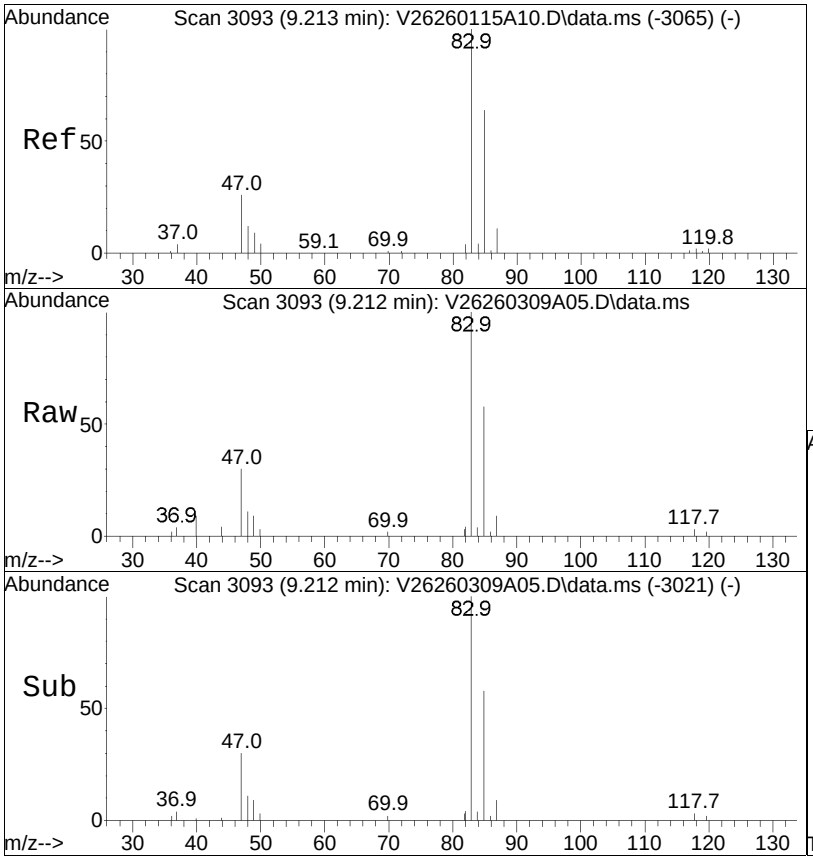


#19
Acetone
Concen: 0.18 ug/L
RT: 5.308 min Scan# 1693
Delta R.T. 0.047 min
Lab File: V26260309A05.D
Acq: 09 Mar 2026 12:04 pm

Tgt Ion: 43 Resp: 10018

Ion	Ratio	Lower	Upper
43	100		
58	26.6	24.6	37.0

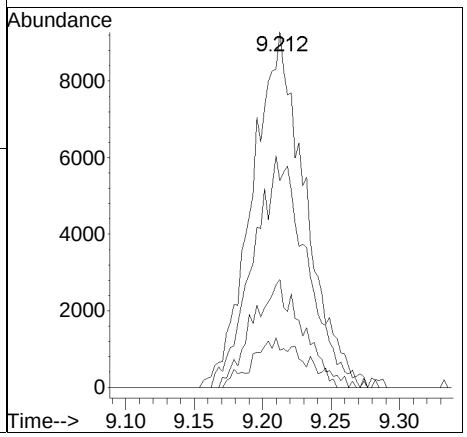


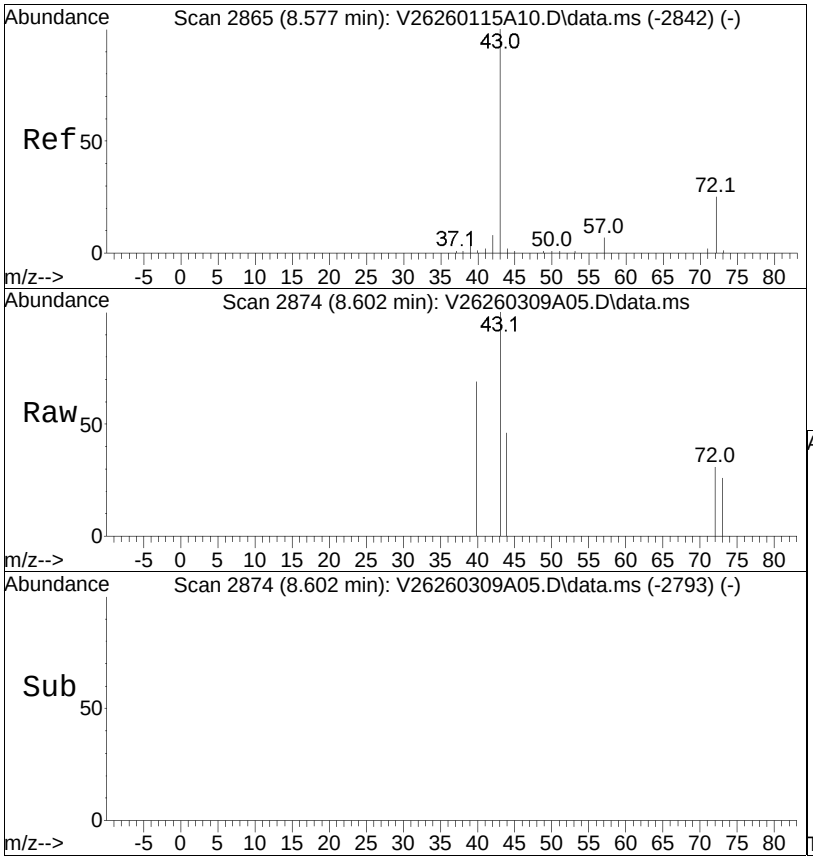


#35
Chloroform
Concen: 0.94 ug/L
RT: 9.212 min Scan# 3093
Delta R.T. -0.000 min
Lab File: V26260309A05.D
Acq: 09 Mar 2026 12:04 pm

Tgt Ion: 83 Resp: 25138

Ion	Ratio	Lower	Upper
83	100		
85	65.8	42.3	87.9
47	28.7	17.3	35.9
48	11.8	8.3	17.3

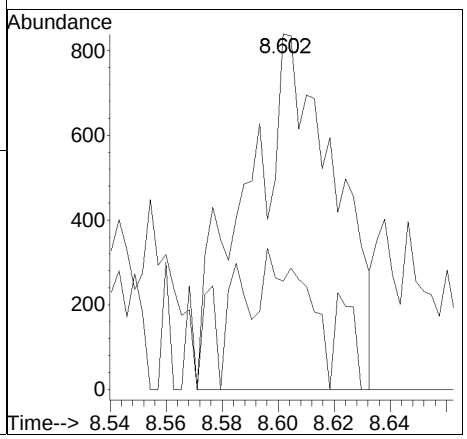


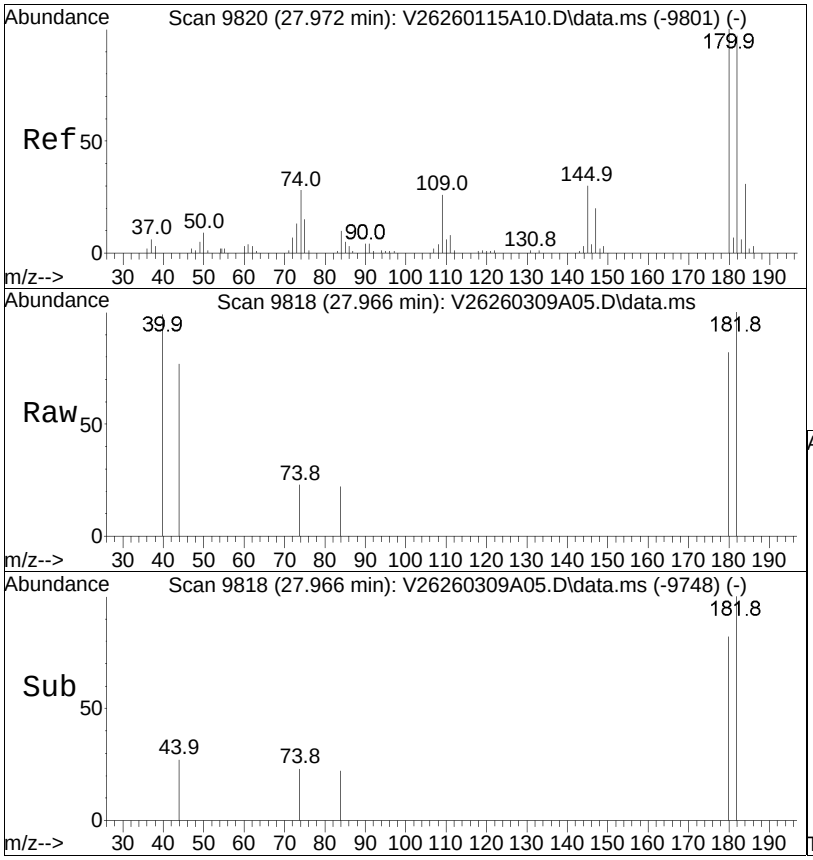


#42
2-Butanone
Concen: 0.46 ug/L M3
RT: 8.602 min Scan# 2874
Delta R.T. 0.025 min
Lab File: V26260309A05.D
Acq: 09 Mar 2026 12:04 pm

Tgt Ion: 43 Resp: 1856

Ion	Ratio	Lower	Upper
43	100		
72	19.7	18.7	28.1

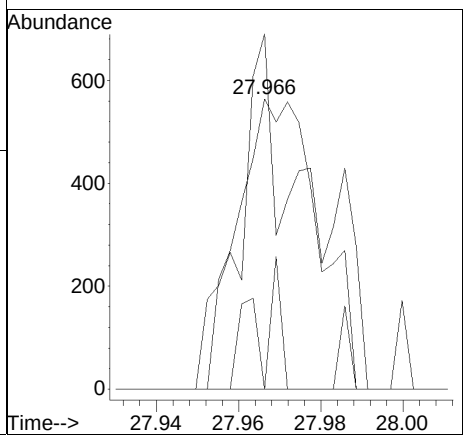


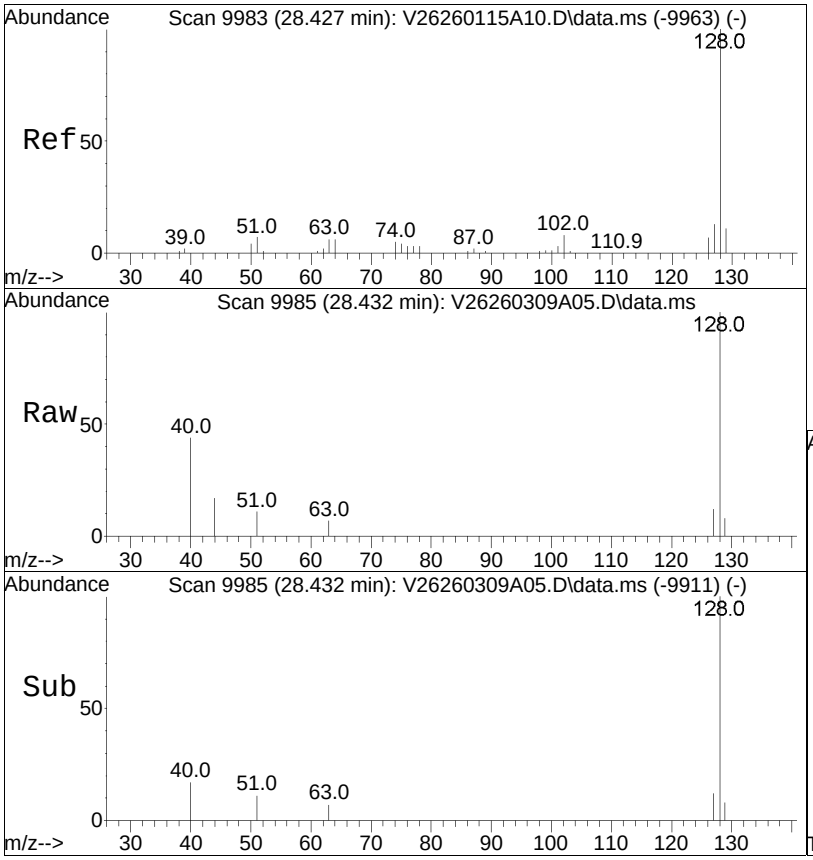


#125
1,2,4-Trichlorobenzene
Concen: 0.05 ug/L
RT: 27.966 min Scan# 9818
Delta R.T. -0.006 min
Lab File: V26260309A05.D
Acq: 09 Mar 2026 12:04 pm

Tgt Ion:180 Resp: 768

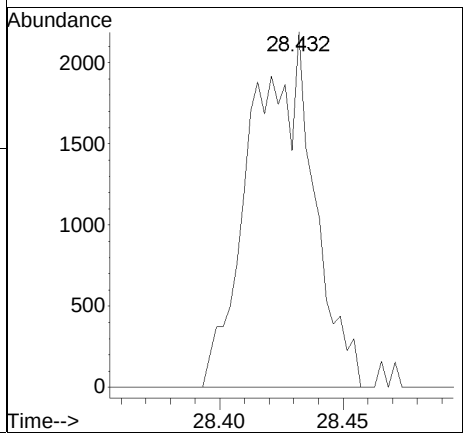
Ion	Ratio	Lower	Upper
180	100		
182	61.5	75.8	113.8#
145	7.4	25.8	38.8#

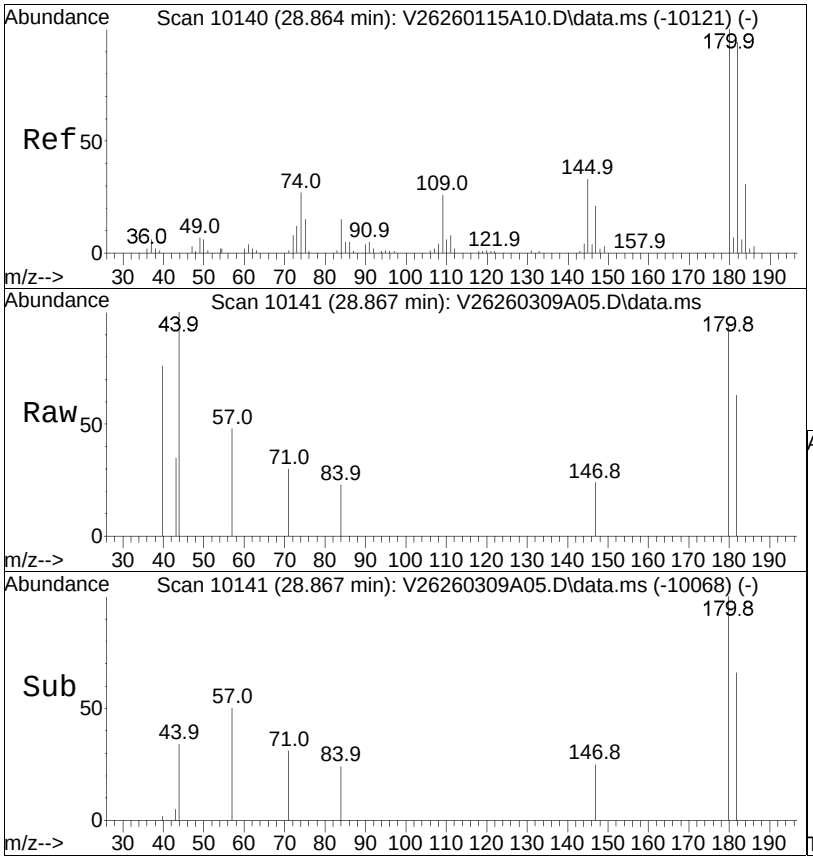




#126
Naphthalene
Concen: 0.13 ug/L
RT: 28.432 min Scan# 9985
Delta R.T. 0.005 min
Lab File: V26260309A05.D
Acq: 09 Mar 2026 12:04 pm

Tgt Ion:128 Resp: 3929

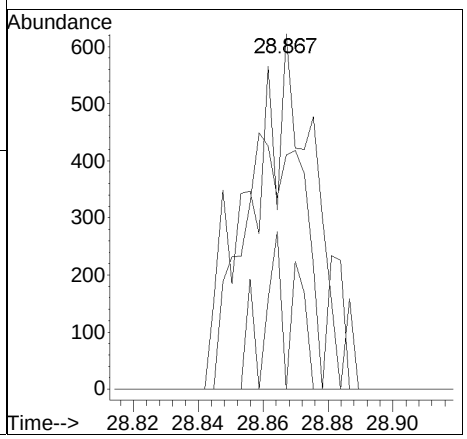




#127
1,2,3-Trichlorobenzene
Concen: 0.06 ug/L
RT: 28.867 min Scan# 10141
Delta R.T. 0.003 min
Lab File: V26260309A05.D
Acq: 09 Mar 2026 12:04 pm

Tgt Ion:180 Resp: 851

Ion	Ratio	Lower	Upper
180	100		
182	43.1	76.0	114.0#
145	12.3	27.5	41.3#

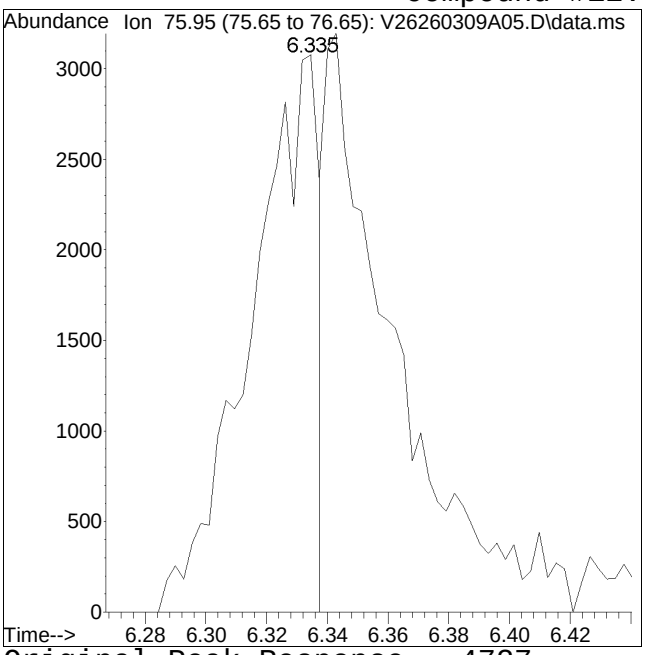


Manual Integration Report

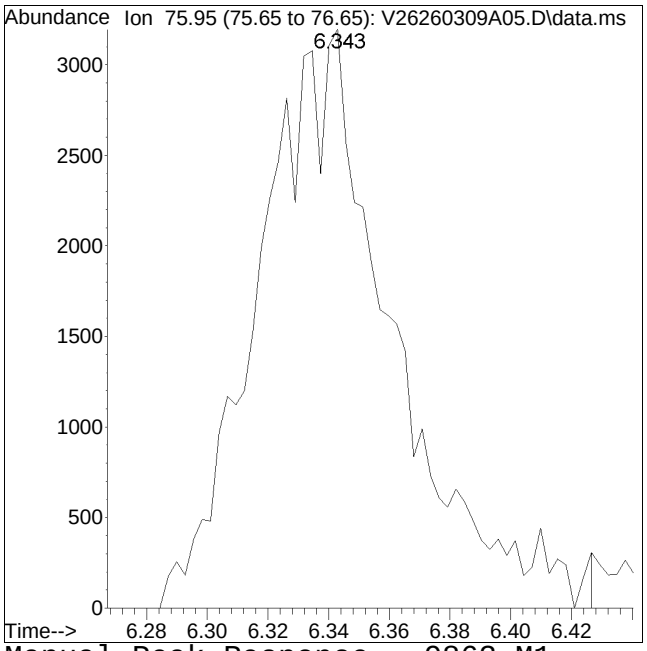
Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A05.D
Date Inj'd : 3/9/2026 12:04 pm
Sample : WG2183848-5,31h,15,15,0.1

QMethod : V126_260115A_8260.m
Operator : VOA126:TMH
Instrument : VOA126
Quant Date : 3/9/2026 12:43 pm

Compound #12: Carbon disulfide



Original Peak Response = 4727



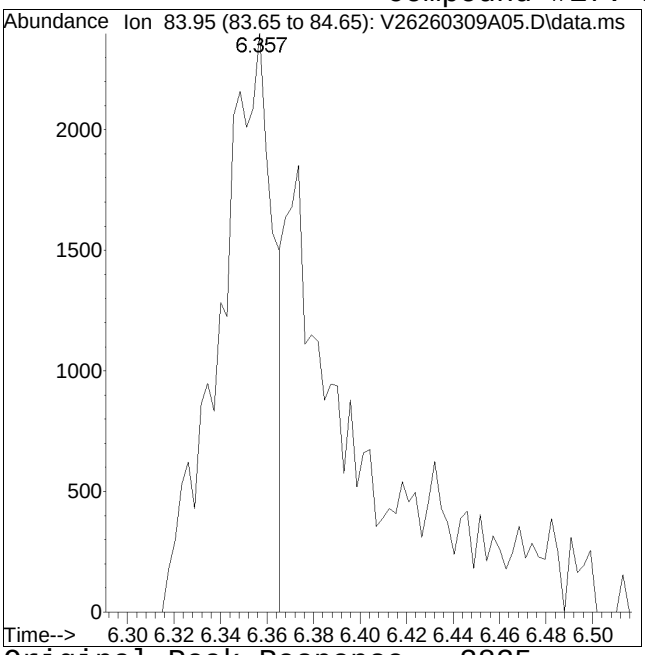
Manual Peak Response = 9863 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

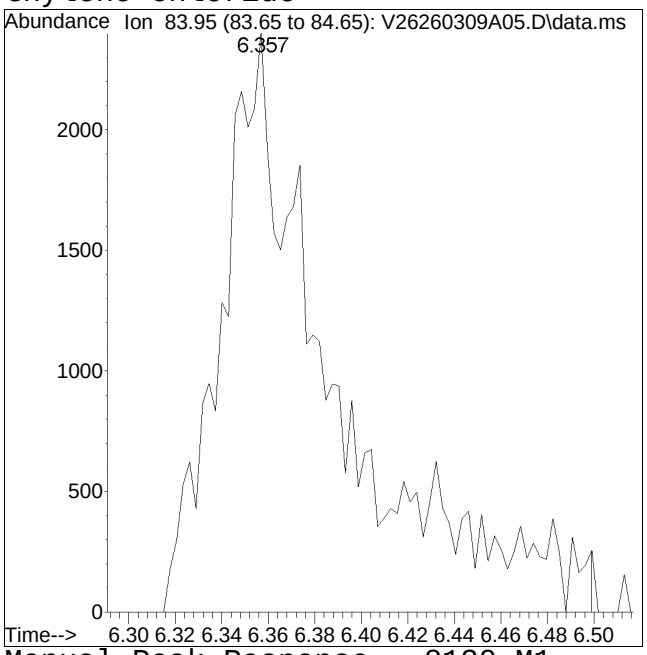
Manual Integration Report

Data Path : K:\VOA126\2026\260309A\ QMethod : V126_260115A_8260.m
Data File : V26260309A05.D Operator : VOA126:TMH
Date Inj'd : 3/9/2026 12:04 pm Instrument : VOA126
Sample : WG2183848-5,31h,15,15,0.1 Quant Date : 3/9/2026 12:43 pm

Compound #17: Methylene chloride



Original Peak Response = 3835



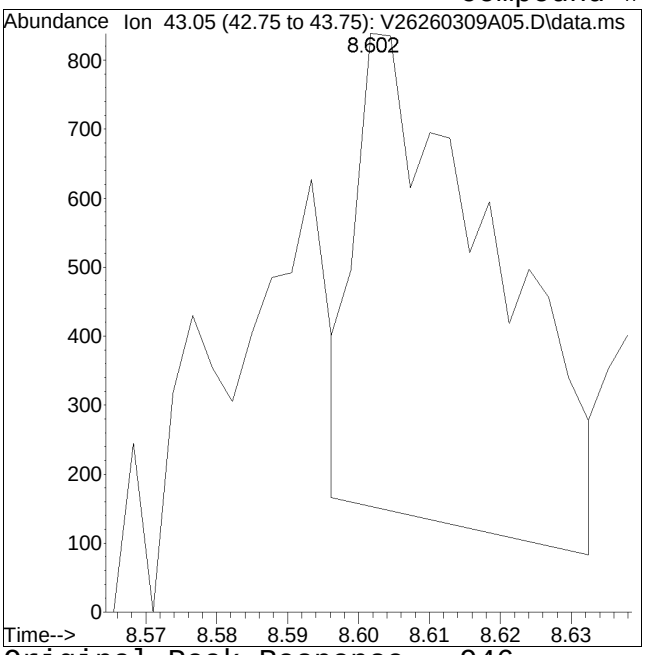
Manual Peak Response = 8120 M1

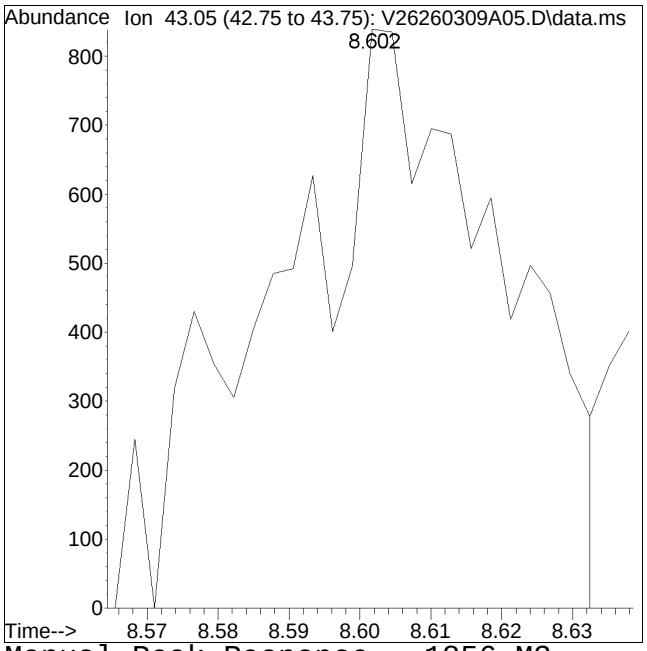
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA126\2026\260309A\ QMethod : V126_260115A_8260.m
Data File : V26260309A05.D Operator : VOA126:TMH
Date Inj'd : 3/9/2026 12:04 pm Instrument : VOA126
Sample : WG2183848-5,31h,15,15,0.1 Quant Date : 3/9/2026 12:43 pm

Compound #42: 2-Butanone





Original Peak Response = 946 Manual Peak Response = 1856 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A05.D
Acq On : 10 Mar 2026 09:18 am
Operator : VOA111:MNF
Sample : WG2183467-5,31H,5,5,0.100
Misc : WG2183467,ICAL22987
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 10 11:56:35 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.201	96	229969	20.000	ug/L	0.00
Standard Area 1 = 173144			Recovery = 132.82%			
59) Chlorobenzene-d5	9.779	117	155617	20.000	ug/L	0.00
Standard Area 1 = 127198			Recovery = 122.34%			
79) 1,4-Dichlorobenzene-d4	12.437	152	73312	20.000	ug/L	0.00
Standard Area 1 = 64537			Recovery = 113.60%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.384	113	58339	20.345	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.72%			
43) 1,2-Dichloroethane-d4	5.914	65	68893	25.327	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 126.64%			
60) Toluene-d8	7.916	98	222048	22.094	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 110.47%			
83) 4-Bromofluorobenzene	11.246	95	75713	22.569	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 112.85%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.882	50	131	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.272	94	101	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.103	76	1220	0.139	ug/L #	73
15) Methylene chloride	3.644	84	1907	0.601	ug/L	75
17) Acetone	3.711	43	63	N.D.		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	3.898	73	27	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A05.D
Acq On : 10 Mar 2026 09:18 am
Operator : VOA111:MNF
Sample : WG2183467-5,31H,5,5,0.100
Misc : WG2183467,ICAL22987
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 10 11:56:35 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.797	78	28		N.D.	
44) 1,2-Dichloroethane	5.987	62	28		N.D.	
48) Trichloroethene	6.313	95	63		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.972	92	43		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	9.355	43	31		N.D.	
73) Chlorobenzene	9.799	112	27		N.D.	
74) Ethylbenzene	9.779	91	28		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.252	91	34		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	11.642	75	26		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	11.823	91	36		N.D.	
94) tert-Butylbenzene	11.971	119	32		N.D.	

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A05.D
Acq On : 10 Mar 2026 09:18 am
Operator : VOA111:MNF
Sample : WG2183467-5,31H,5,5,0.100
Misc : WG2183467,ICAL22987
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 10 11:56:35 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.071	105	27		N.D.	
98) sec-Butylbenzene	12.071	105	27		N.D.	
99) p-Isopropyltoluene	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	12.384	146	59		N.D.	
101) 1,4-Dichlorobenzene	12.448	146	185		N.D.	
102) p-Diethylbenzene	0.000		0		N.D.	
103) n-Butylbenzene	0.000		0		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
105) 1,2,4,5-Tetramethylben...	13.449	119	30		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	14.286	180	35		N.D.	
110) Naphthalene	14.592	128	288		N.D.	
111) 1,2,3-Trichlorobenzene	14.735	180	59		N.D.	

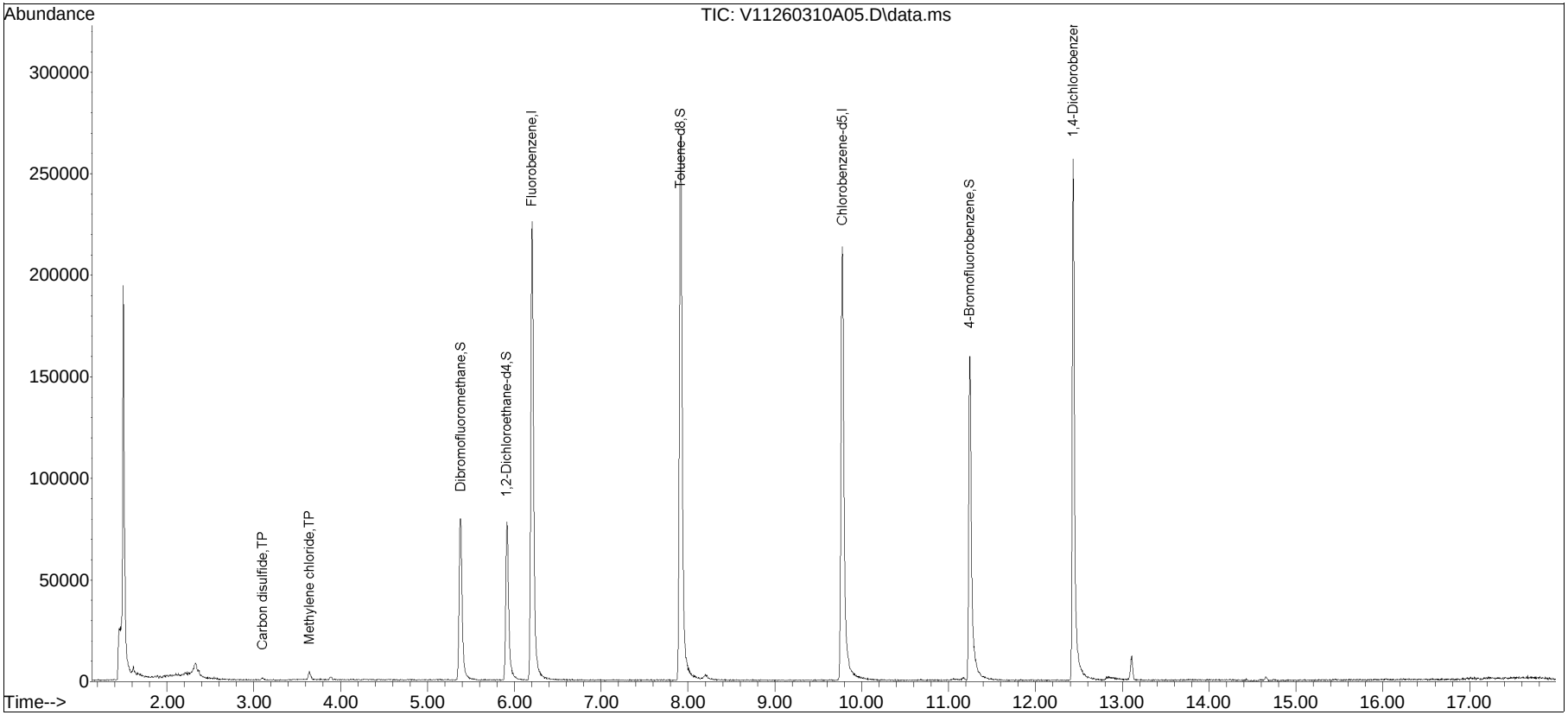
(#) = qualifier out of range (m) = manual integration (+) = signals summed

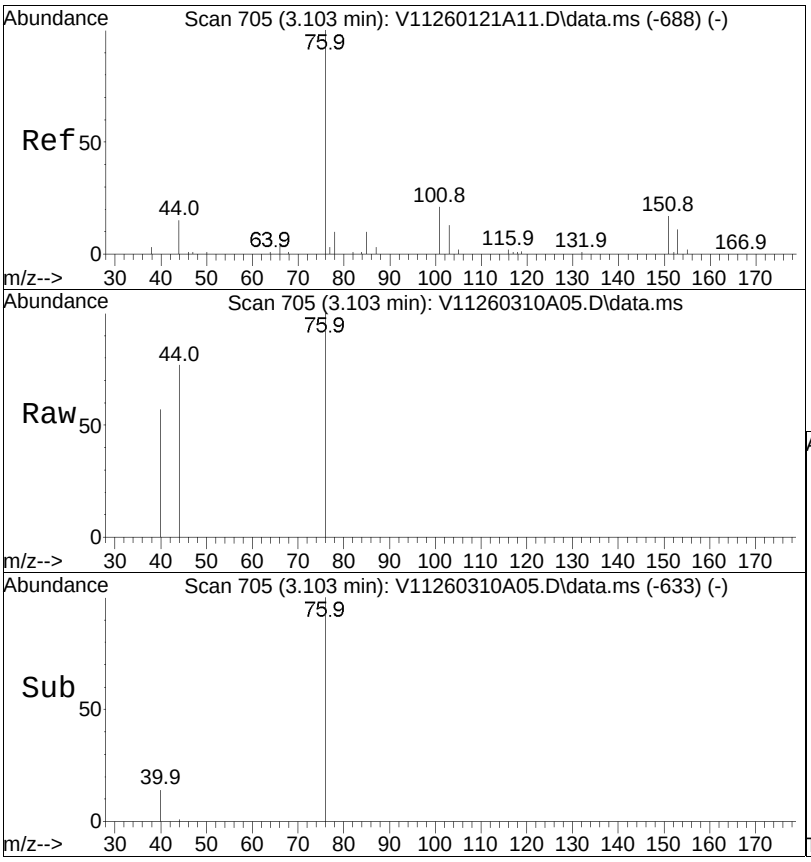
Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A05.D
Acq On : 10 Mar 2026 09:18 am
Operator : VOA111:MNF
Sample : WG2183467-5,31H,5,5,0.100
Misc : WG2183467,ICAL22987
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 10 11:56:35 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

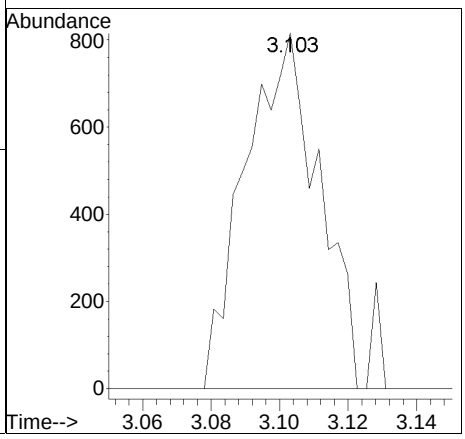


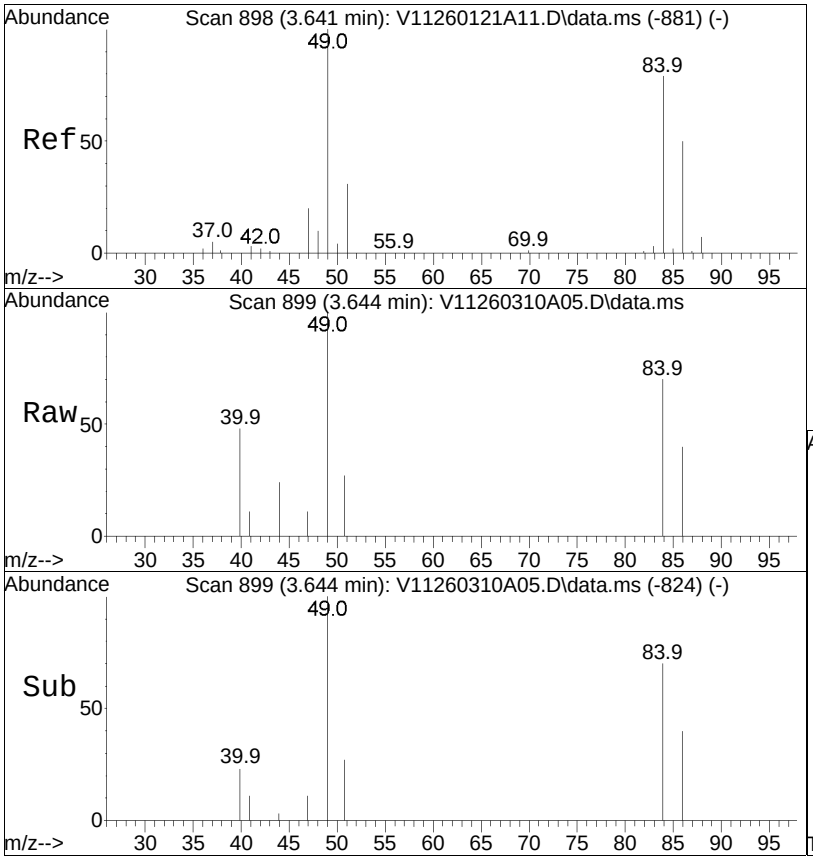


#11
Carbon disulfide
Concen: 0.14 ug/L
RT: 3.103 min Scan# 705
Delta R.T. -0.000 min
Lab File: V11260310A05.D
Acq: 10 Mar 2026 09:18 am

Tgt Ion: 76 Resp: 1220

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.4	13.4#

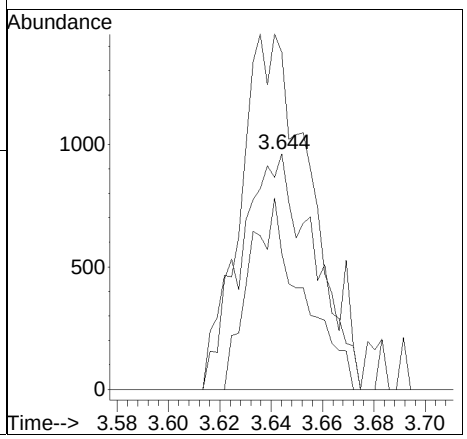




#15
Methylene chloride
Concen: 0.60 ug/L
RT: 3.644 min Scan# 899
Delta R.T. 0.008 min
Lab File: V11260310A05.D
Acq: 10 Mar 2026 09:18 am

Tgt Ion: 84 Resp: 1907

Ion	Ratio	Lower	Upper
84	100		
86	58.7	41.1	85.3
49	144.5	124.2	258.0



Manual Integration Report

Data Path	: K:\VOA111\2026\260310A\	QMethod	: V111_260121A_8260.m
Data File	: V11260310A05.D	Operator	: VOA111:MNF
Date Inj'd	: 3/10/2026 9:18 am	Instrument	: VOA111
Sample	: WG2183467-5,31H,5,5,0.100	Quant Date	: 3/10/2026 11:56 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A05.D
Acq On : 10 Mar 2026 09:18 am
Operator : VOA111:MNF
Sample : WG2183816-5,31,5,5
Misc : WG2183816,ICAL22987
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 10 11:56:35 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.201	96	229969	20.000	ug/L	0.00
Standard Area 1 = 173144			Recovery = 132.82%			
59) Chlorobenzene-d5	9.779	117	155617	20.000	ug/L	0.00
Standard Area 1 = 127198			Recovery = 122.34%			
79) 1,4-Dichlorobenzene-d4	12.437	152	73312	20.000	ug/L	0.00
Standard Area 1 = 64537			Recovery = 113.60%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.384	113	58339	20.345	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.72%			
43) 1,2-Dichloroethane-d4	5.914	65	68893	25.327	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 126.64%			
60) Toluene-d8	7.916	98	222048	22.094	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 110.47%			
83) 4-Bromofluorobenzene	11.246	95	75713	22.569	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 112.85%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.882	50	131	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.272	94	101	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.103	76	1220	0.139	ug/L #	73
15) Methylene chloride	3.644	84	1907	0.601	ug/L	75
17) Acetone	3.711	43	63	N.D.		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	3.898	73	27	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A05.D
Acq On : 10 Mar 2026 09:18 am
Operator : VOA111:MNF
Sample : WG2183816-5,31,5,5
Misc : WG2183816,ICAL22987
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 10 11:56:35 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	5.797	78	28		N.D.	
44) 1,2-Dichloroethane	5.987	62	28		N.D.	
48) Trichloroethene	6.313	95	63		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.972	92	43		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	9.355	43	31		N.D.	
73) Chlorobenzene	9.799	112	27		N.D.	
74) Ethylbenzene	9.779	91	28		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	11.252	91	34		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	11.642	75	26		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	11.823	91	36		N.D.	
94) tert-Butylbenzene	11.971	119	32		N.D.	

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A05.D
Acq On : 10 Mar 2026 09:18 am
Operator : VOA111:MNF
Sample : WG2183816-5,31,5,5
Misc : WG2183816,ICAL22987
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 10 11:56:35 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	12.071	105	27	N.D.		
98)	sec-Butylbenzene	12.071	105	27	N.D.		
99)	p-Isopropyltoluene	0.000		0	N.D.		
100)	1,3-Dichlorobenzene	12.384	146	59	N.D.		
101)	1,4-Dichlorobenzene	12.448	146	185	N.D.		
102)	p-Diethylbenzene	0.000		0	N.D.		
103)	n-Butylbenzene	0.000		0	N.D.		
104)	1,2-Dichlorobenzene	0.000		0	N.D.		
105)	1,2,4,5-Tetramethylben...	13.449	119	30	N.D.		
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108)	Hexachlorobutadiene	0.000		0	N.D.		
109)	1,2,4-Trichlorobenzene	14.286	180	35	N.D.		
110)	Naphthalene	14.592	128	288	N.D.		
111)	1,2,3-Trichlorobenzene	14.735	180	59	N.D.		

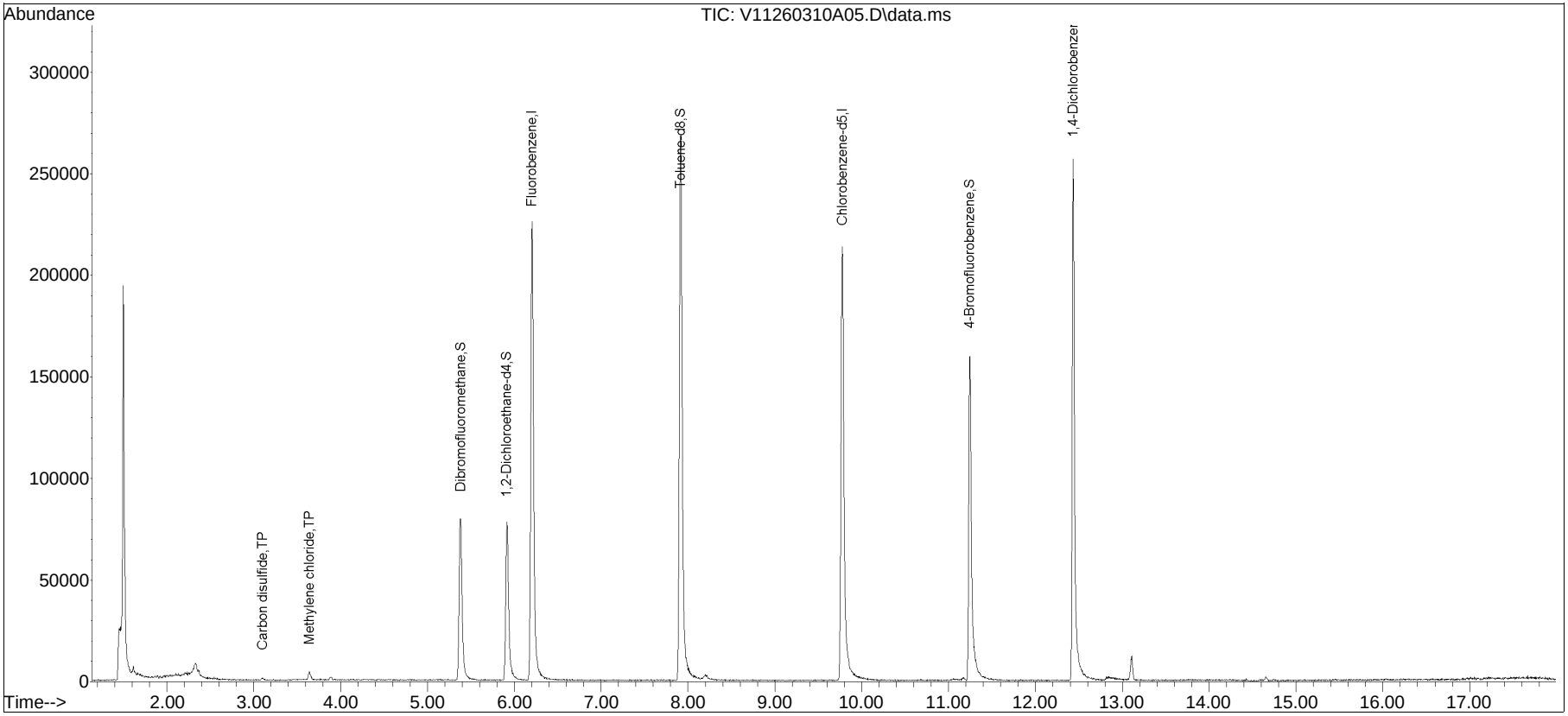
(#) = qualifier out of range (m) = manual integration (+) = signals summed

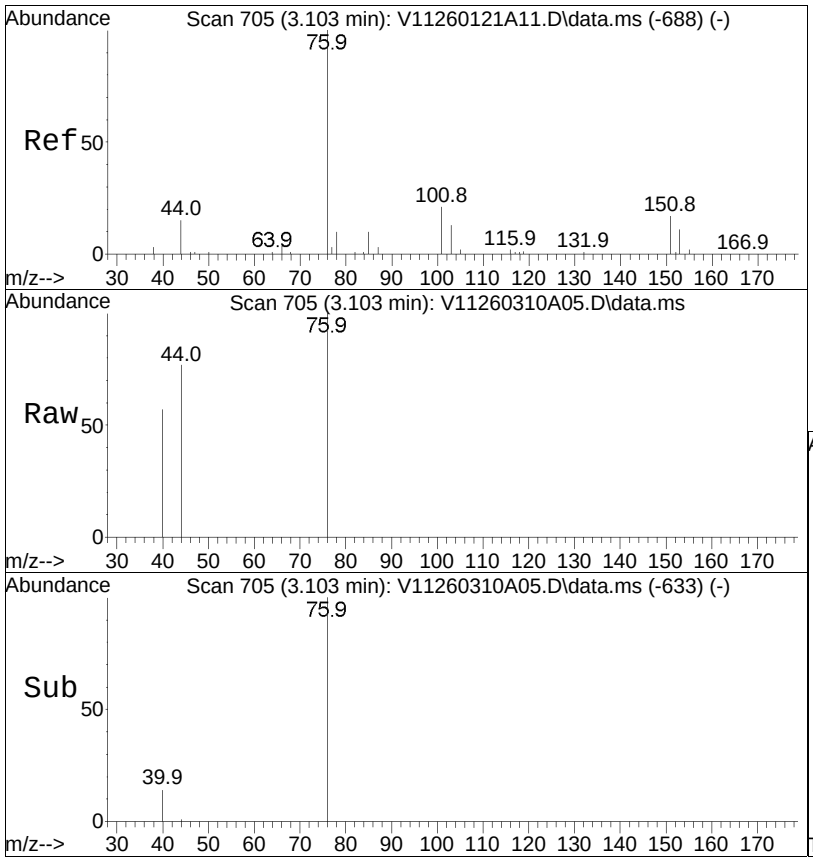
Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A05.D
Acq On : 10 Mar 2026 09:18 am
Operator : VOA111:MNF
Sample : WG2183816-5,31,5,5
Misc : WG2183816,ICAL22987
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 10 11:56:35 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

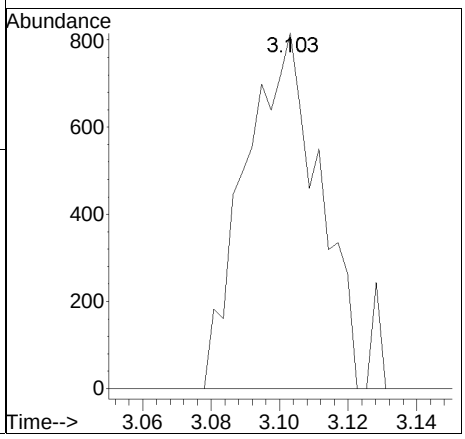


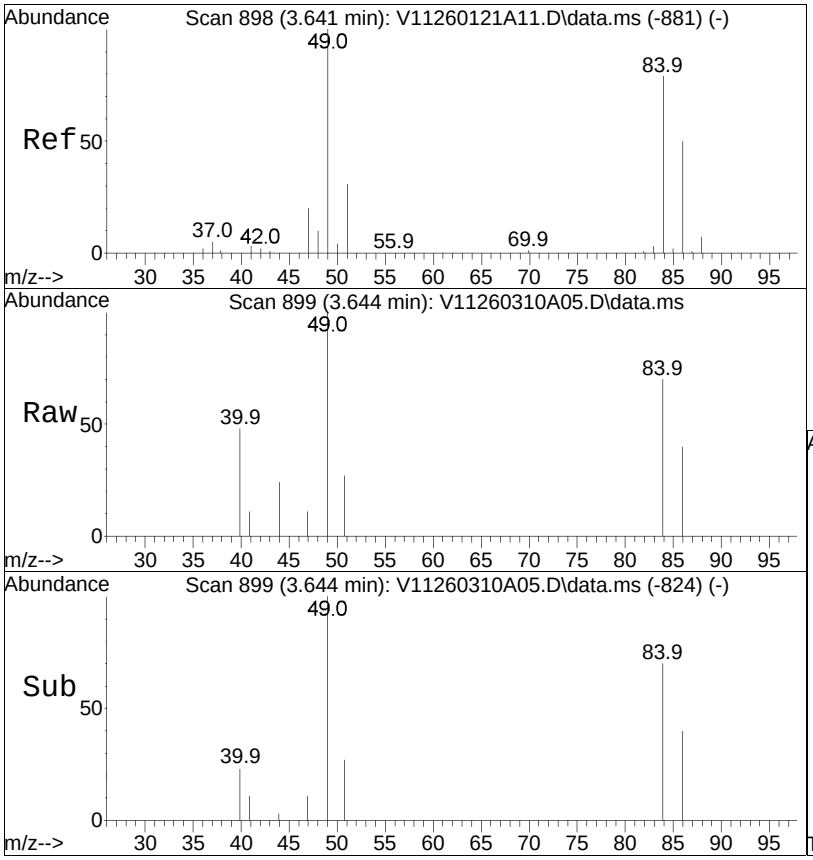


#11
Carbon disulfide
Concen: 0.14 ug/L
RT: 3.103 min Scan# 705
Delta R.T. -0.000 min
Lab File: V11260310A05.D
Acq: 10 Mar 2026 09:18 am

Tgt Ion: 76 Resp: 1220

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.4	13.4#

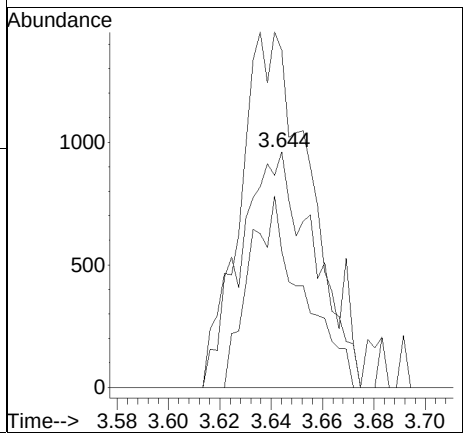




#15
Methylene chloride
Concen: 0.60 ug/L
RT: 3.644 min Scan# 899
Delta R.T. 0.008 min
Lab File: V11260310A05.D
Acq: 10 Mar 2026 09:18 am

Tgt Ion: 84 Resp: 1907

Ion	Ratio	Lower	Upper
84	100		
86	58.7	41.1	85.3
49	144.5	124.2	258.0



Manual Integration Report

Data Path	: K:\VOA111\2026\260310A\	QMethod	: V111_260121A_8260.m
Data File	: V11260310A05.D	Operator	: VOA111:MNF
Date Inj'd	: 3/10/2026 9:18 am	Instrument	: VOA111
Sample	: WG2183816-5,31,5,5	Quant Date	: 3/10/2026 11:56 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A05.D
Acq On : 10 Mar 2026 3:04 pm
Operator : VOA110:AJK
Sample : WG2183801-5,31,5,5
Misc : WG2183801,ICAL23128
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 10 15:45:58 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260310A\V10260310A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.194	96	153980	20.000	ug/L	0.00
Standard Area 1 = 176818			Recovery = 87.08%			
59) Chlorobenzene-d5	9.749	117	119354	20.000	ug/L	0.00
Standard Area 1 = 133069			Recovery = 89.69%			
79) 1,4-Dichlorobenzene-d4	12.412	152	64650	20.000	ug/L	0.00
Standard Area 1 = 74532			Recovery = 86.74%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.368	113	39147	19.387	ug/L	-0.01
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.94%			
43) 1,2-Dichloroethane-d4	5.909	65	42808	19.964	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.82%			
60) Toluene-d8	7.892	98	149353	20.911	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.55%			
83) 4-Bromofluorobenzene	11.216	95	56729	20.092	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.46%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D. d		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.326	94	1743	0.150	ug/L #	69
6) Chloroethane	2.521	64	96	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	3.104	96	25	N.D.		
11) Carbon disulfide	3.101	76	481	N.D.		
15) Methylene chloride	3.647	84	1501	0.838	ug/L	92
17) Acetone	3.714	43	245	Below Cal #		7
18) trans-1,2-Dichloroethene	3.740	96	31	N.D.		
20) Methyl tert-butyl ether	3.910	73	26	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	4.637	43	100	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	5.192	83	4835	1.413	ug/L	99

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A05.D
Acq On : 10 Mar 2026 3:04 pm
Operator : VOA110:AJK
Sample : WG2183801-5,31,5,5
Misc : WG2183801,ICAL23128
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 10 15:45:58 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260310A\V10260310A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.	
37) 1,1,1-Trichloroethane	0.000		0	N.D.	
39) 2-Butanone	5.488	43	99	N.D.	
40) 1,1-Dichloropropene	0.000		0	N.D.	
41) Benzene	5.775	78	33	N.D.	
44) 1,2-Dichloroethane	0.000		0	N.D.	
48) Trichloroethene	6.249	95	29	Below Cal #	6
50) Dibromomethane	0.000		0	N.D.	
51) 1,2-Dichloropropane	0.000		0	N.D.	
54) Bromodichloromethane	0.000		0	N.D.	
57) 1,4-Dioxane	0.000		0	N.D.	
58) cis-1,3-Dichloropropene	0.000		0	N.D.	
61) Toluene	7.962	92	58	N.D.	
62) 4-Methyl-2-pentanone	0.000		0	N.D.	
63) Tetrachloroethene	0.000		0	N.D.	
65) trans-1,3-Dichloropropene	0.000		0	N.D.	
68) 1,1,2-Trichloroethane	0.000		0	N.D.	
69) Chlorodibromomethane	0.000		0	N.D.	
70) 1,3-Dichloropropane	0.000		0	N.D.	
71) 1,2-Dibromoethane	0.000		0	N.D.	
72) 2-Hexanone	9.398	43	83	N.D.	
73) Chlorobenzene	0.000		0	N.D.	
74) Ethylbenzene	9.755	91	25	N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	
76) p/m Xylene	0.000		0	N.D.	
77) o Xylene	0.000		0	N.D.	
78) Styrene	0.000		0	N.D.	
80) Bromoform	0.000		0	N.D.	
82) Isopropylbenzene	0.000		0	N.D.	
84) Bromobenzene	0.000		0	N.D.	
85) n-Propylbenzene	11.221	91	45	N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	
88) 4-Ethyltoluene	0.000		0	N.D.	
89) 2-Chlorotoluene	0.000		0	N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0	N.D.	
91) 1,2,3-Trichloropropane	0.000		0	N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	
93) 4-Chlorotoluene	0.000		0	N.D.	
94) tert-Butylbenzene	0.000		0	N.D.	

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A05.D
Acq On : 10 Mar 2026 3:04 pm
Operator : VOA110:AJK
Sample : WG2183801-5,31,5,5
Misc : WG2183801,ICAL23128
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 10 15:45:58 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260310A\V10260310A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.005	105	35	N.D.		
98) sec-Butylbenzene	12.019	105	32	N.D.		
99) p-Isopropyltoluene	12.264	119	25	N.D.		
100) 1,3-Dichlorobenzene	12.426	146	58	N.D.		
101) 1,4-Dichlorobenzene	12.426	146	58	N.D.		
102) p-Diethylbenzene	0.000		0	N.D.		
103) n-Butylbenzene	0.000		0	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
105) 1,2,4,5-Tetramethylben...	13.430	119	53	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.258	180	26	N.D.		
110) Naphthalene	14.554	128	773	N.D.		
111) 1,2,3-Trichlorobenzene	14.727	180	30	N.D.		

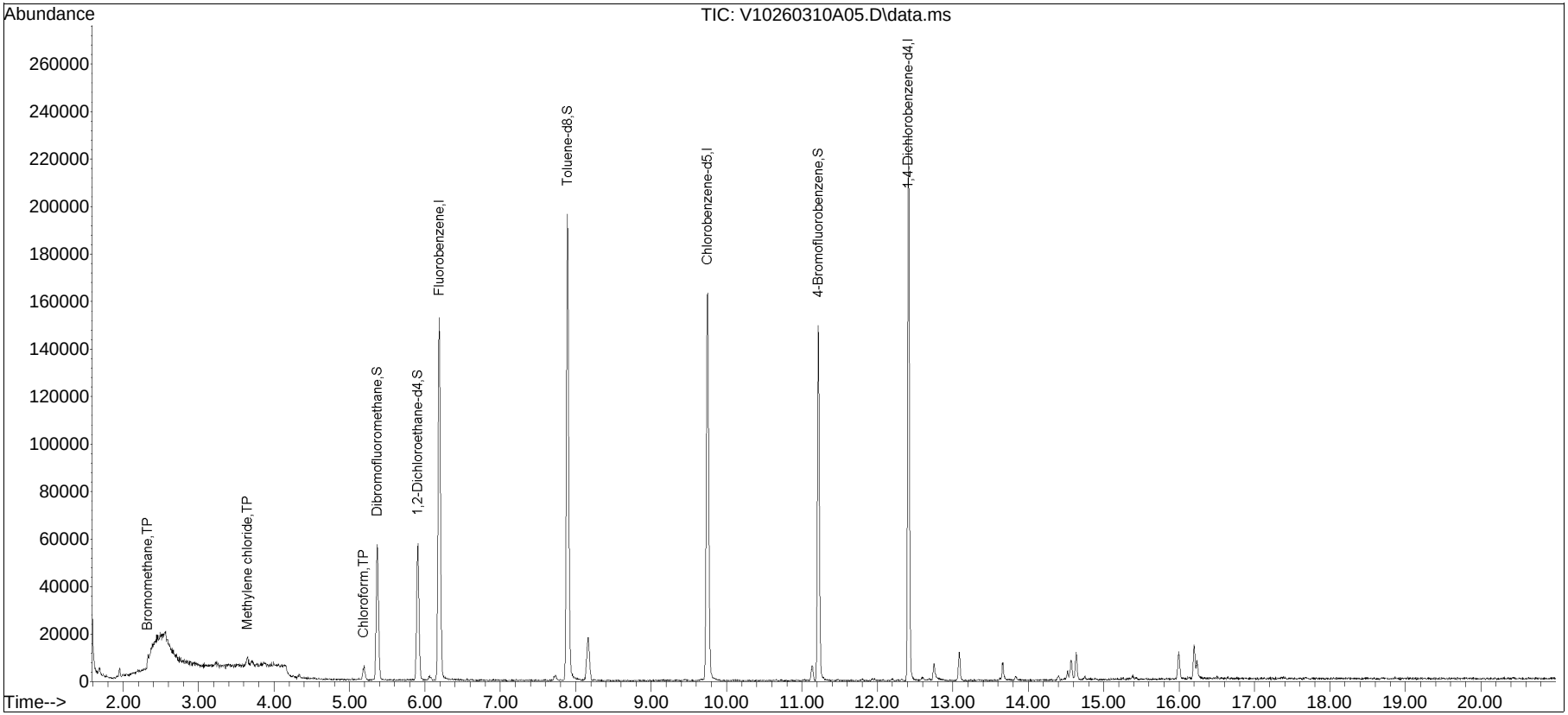
(#) = qualifier out of range (m) = manual integration (+) = signals summed

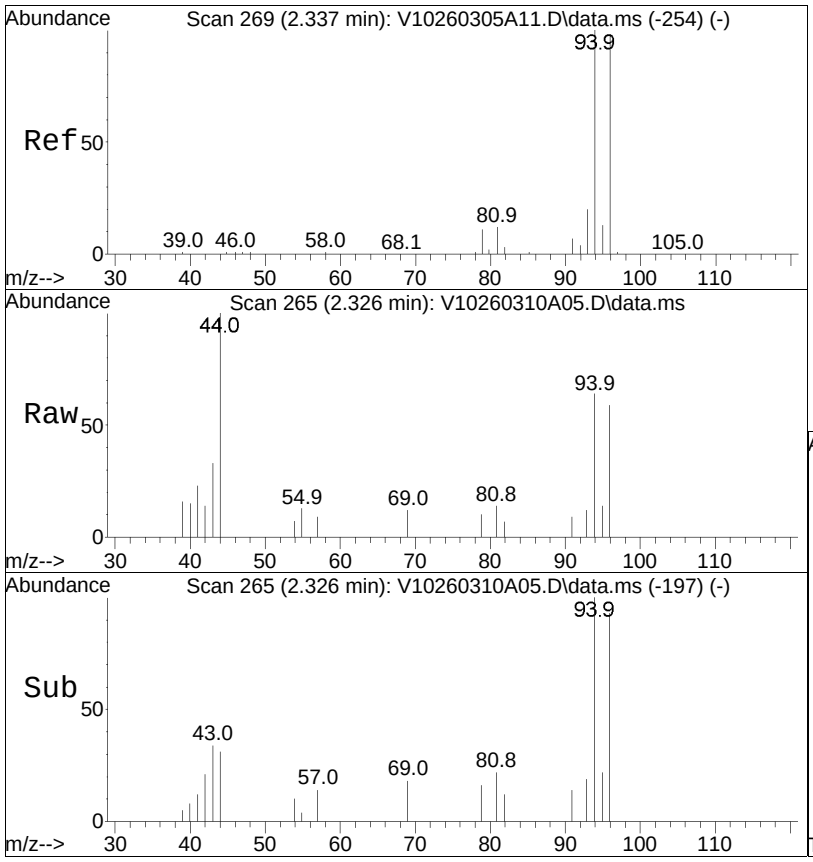
Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A05.D
Acq On : 10 Mar 2026 3:04 pm
Operator : VOA110:AJK
Sample : WG2183801-5,31,5,5
Misc : WG2183801,ICAL23128
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 10 15:45:58 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox10A01.D•

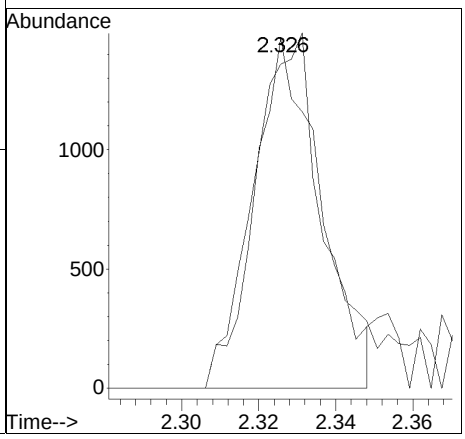


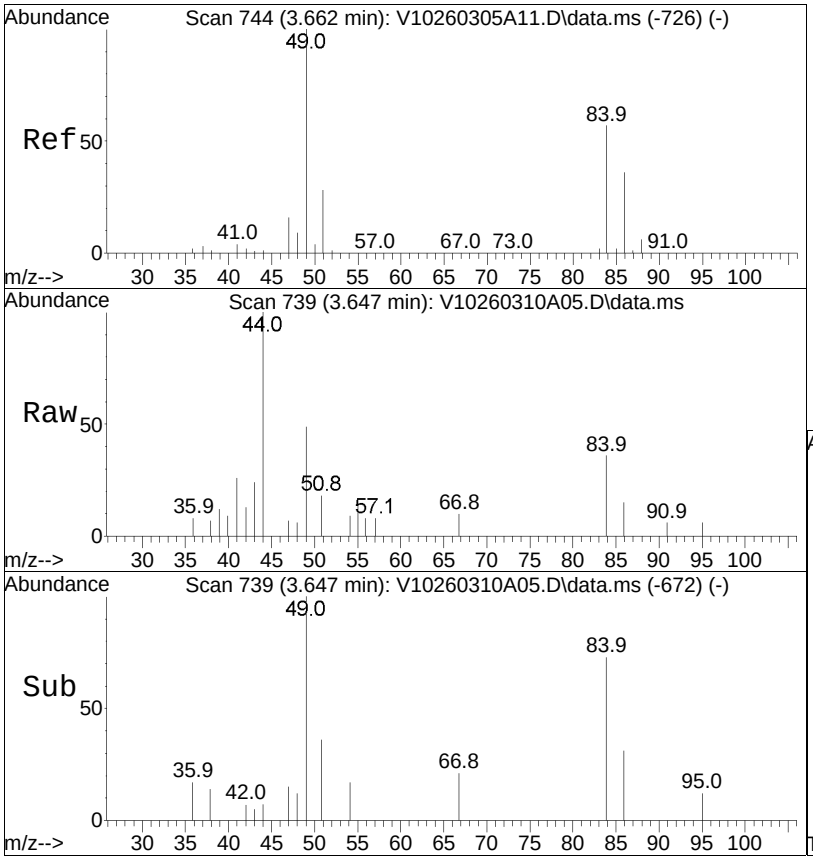


#5
Bromomethane
Concen: 0.15 ug/L
RT: 2.326 min Scan# 265
Delta R.T. -0.011 min
Lab File: V10260310A05.D
Acq: 10 Mar 2026 3:04 pm

Tgt Ion: 94 Resp: 1743

Ion	Ratio	Lower	Upper
94	100		
96	116.1	67.4	107.4#

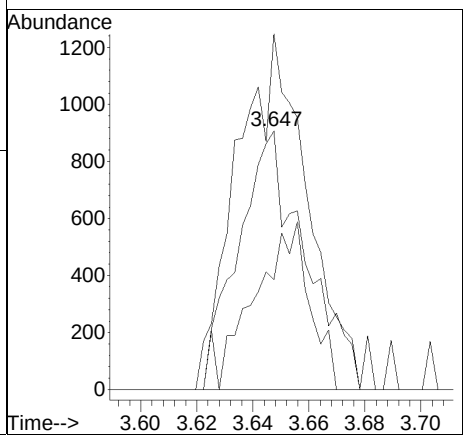


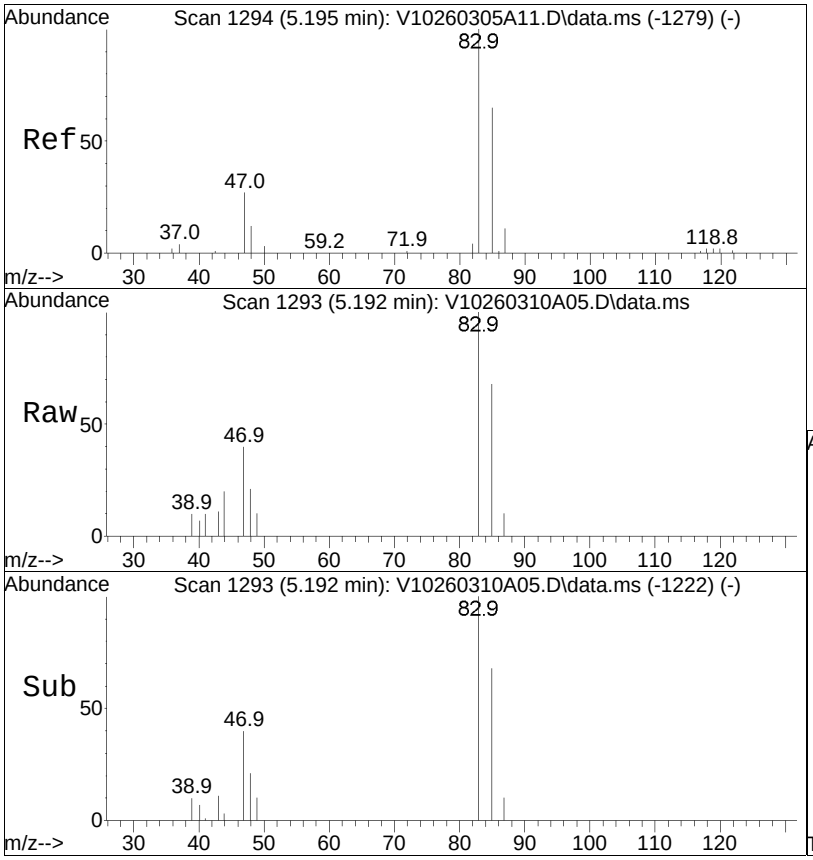


#15
Methylene chloride
Concen: 0.84 ug/L
RT: 3.647 min Scan# 739
Delta R.T. -0.015 min
Lab File: V10260310A05.D
Acq: 10 Mar 2026 3:04 pm

Tgt Ion: 84 Resp: 1501

Ion	Ratio	Lower	Upper
84	100		
86	52.2	41.5	86.3
49	147.0	99.3	206.1

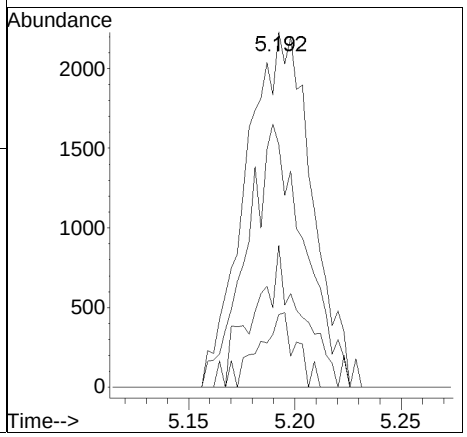




#32
Chloroform
Concen: 1.41 ug/L
RT: 5.192 min Scan# 1293
Delta R.T. -0.003 min
Lab File: V10260310A05.D
Acq: 10 Mar 2026 3:04 pm

Tgt Ion: 83 Resp: 4835

Ion	Ratio	Lower	Upper
83	100		
85	64.3	41.9	87.1
47	28.4	18.4	38.2
48	12.2	9.4	19.4



Manual Integration Report

Data Path	: K:\VOA110\2026\260310A\	QMethod	: V110_260305A_8260.m
Data File	: V10260310A05.D	Operator	: VOA110:AJK
Date Inj'd	: 3/10/2026 3:04 pm	Instrument	: VOA110
Sample	: WG2183801-5,31,5,5	Quant Date	: 3/10/2026 3:45 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B05.D
Acq On : 11 Mar 2026 02:44 pm
Operator : VOA111:BAD
Sample : WG2183467-12,31H,15,15,0.100,,
Misc : WG2183467,ICAL22987
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 11 16:56:09 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260311B\V11260311B01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.201	96	290603	20.000	ug/L	0.00
Standard Area 1 = 316441			Recovery = 91.83%			
59) Chlorobenzene-d5	9.776	117	200213	20.000	ug/L	0.00
Standard Area 1 = 225831			Recovery = 88.66%			
79) 1,4-Dichlorobenzene-d4	12.434	152	97058	20.000	ug/L	0.00
Standard Area 1 = 107740			Recovery = 90.09%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.379	113	69547	19.193	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.97%			
43) 1,2-Dichloroethane-d4	5.914	65	79255	23.057	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 115.29%			
60) Toluene-d8	7.913	98	281484	21.770	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 108.85%			
83) 4-Bromofluorobenzene	11.243	95	100713	22.676	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 113.38%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.882	50	68	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.269	94	568	0.178	ug/L	98
6) Chloroethane	2.389	64	66	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.109	76	53	N.D.		
12) Freon-113	0.000		0	N.D.		
14) Acrolein	0.000		0	N.D.		
15) Methylene chloride	3.627	84	312	N.D.		
17) Acetone	0.000		0	N.D. d		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	3.912	73	293	N.D.		
21) tert-Butyl alcohol	3.987	59	34	N.D.		
22) Diisopropyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
24) Halothane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B05.D
Acq On : 11 Mar 2026 02:44 pm
Operator : VOA111:BAD
Sample : WG2183467-12,31H,15,15,0.100,,
Misc : WG2183467,ICAL22987
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 11 16:56:09 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260311B\V11260311B01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	0.000		0		N.D.	
27) Vinyl acetate	4.740	43	27		N.D.	
28) cis-1,2-Dichloroethene	0.000		0		N.D.	
29) 2,2-Dichloropropane	5.147	77	26		N.D.	
30) Bromochloromethane	0.000		0		N.D.	
31) Cyclohexane	0.000		0		N.D.	
32) Chloroform	0.000		0		N.D.	
33) Ethyl acetate	5.295	43	56		N.D.	
34) Carbon tetrachloride	0.000		0		N.D.	
35) Tetrahydrofuran	5.384	42	27		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	5.420	43	26		N.D.	
40) 1,1-Dichloropropene	5.546	75	41		N.D.	
41) Benzene	0.000		0		N.D.	
42) tert-Amyl methyl ether	0.000		0		N.D.	
44) 1,2-Dichloroethane	6.003	62	30		N.D.	
47) Methyl cyclohexane	0.000		0		N.D.	
48) Trichloroethene	6.421	95	36		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.989	92	109		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
67) Ethyl methacrylate	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	9.810	112	28		N.D.	
74) Ethylbenzene	9.879	91	28		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B05.D
Acq On : 11 Mar 2026 02:44 pm
Operator : VOA111:BAD
Sample : WG2183467-12,31H,15,15,0.100,,
Misc : WG2183467,ICAL22987
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 11 16:56:09 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260311B\V11260311B01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Isopropylbenzene	0.000		0	N.D.		
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	11.494	91	27	N.D.		
86) 1,4-Dichlorobutane	0.000		0	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
88) 4-Ethyltoluene	0.000		0	N.D.		
89) 2-Chlorotoluene	11.625	91	26	N.D.		
90) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
91) 1,2,3-Trichloropropane	11.634	75	32	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
93) 4-Chlorotoluene	11.829	91	32	N.D.		
94) tert-Butylbenzene	0.000		0	N.D.		
97) 1,2,4-Trimethylbenzene	12.069	105	30	N.D.		
98) sec-Butylbenzene	12.161	105	27	N.D.		
99) p-Isopropyltoluene	12.292	119	42	N.D.		
100) 1,3-Dichlorobenzene	12.384	146	85	N.D.		
101) 1,4-Dichlorobenzene	12.456	146	37	N.D.		
102) p-Diethylbenzene	0.000		0	N.D.		
103) n-Butylbenzene	0.000		0	N.D.		
104) 1,2-Dichlorobenzene	12.911	146	28	N.D.		
105) 1,2,4,5-Tetramethylben...	13.457	119	100	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
107) 1,3,5-Trichlorobenzene	13.711	180	31	N.D.		
108) Hexachlorobutadiene	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.291	180	26	N.D.		
110) Naphthalene	0.000		0	N.D.	d	
111) 1,2,3-Trichlorobenzene	14.729	180	82	N.D.		

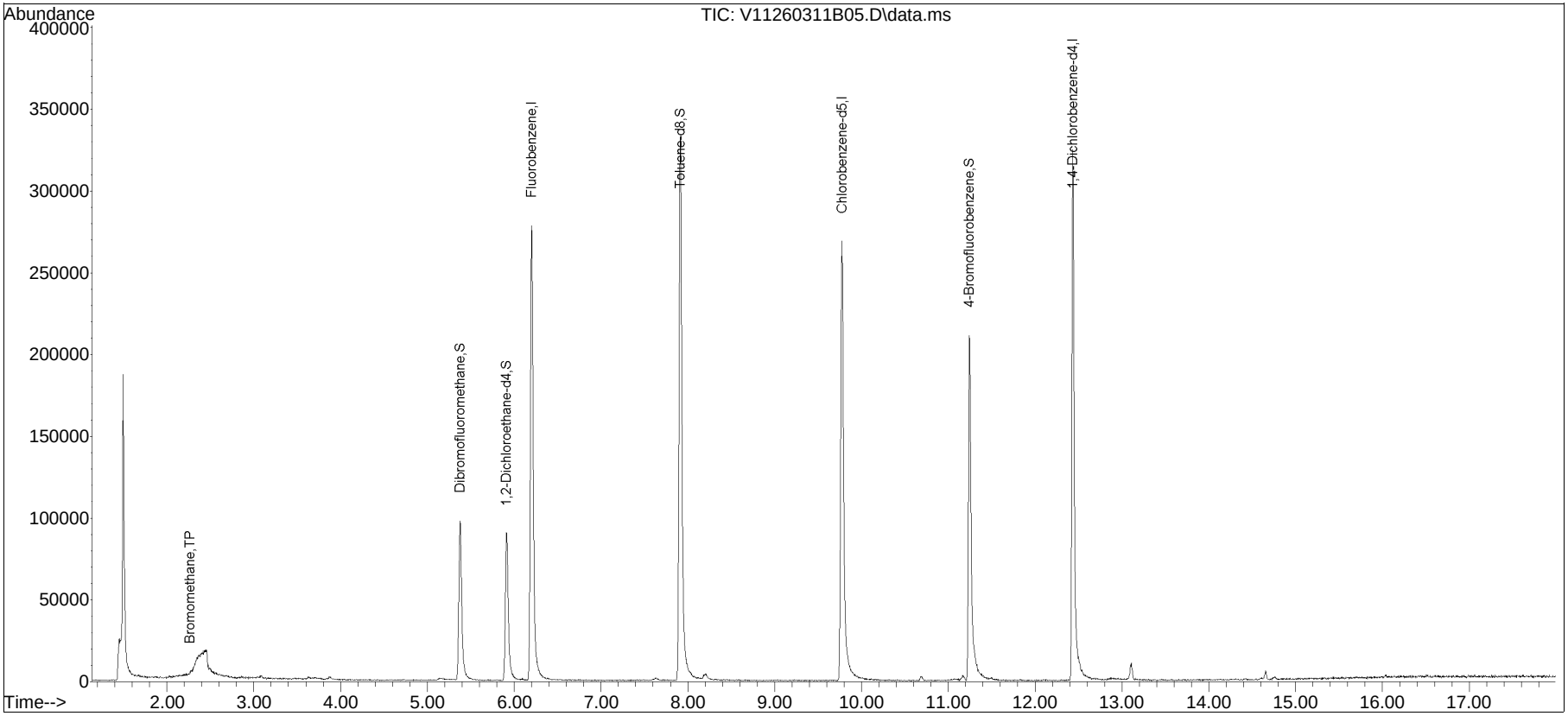
(#) = qualifier out of range (m) = manual integration (+) = signals summed

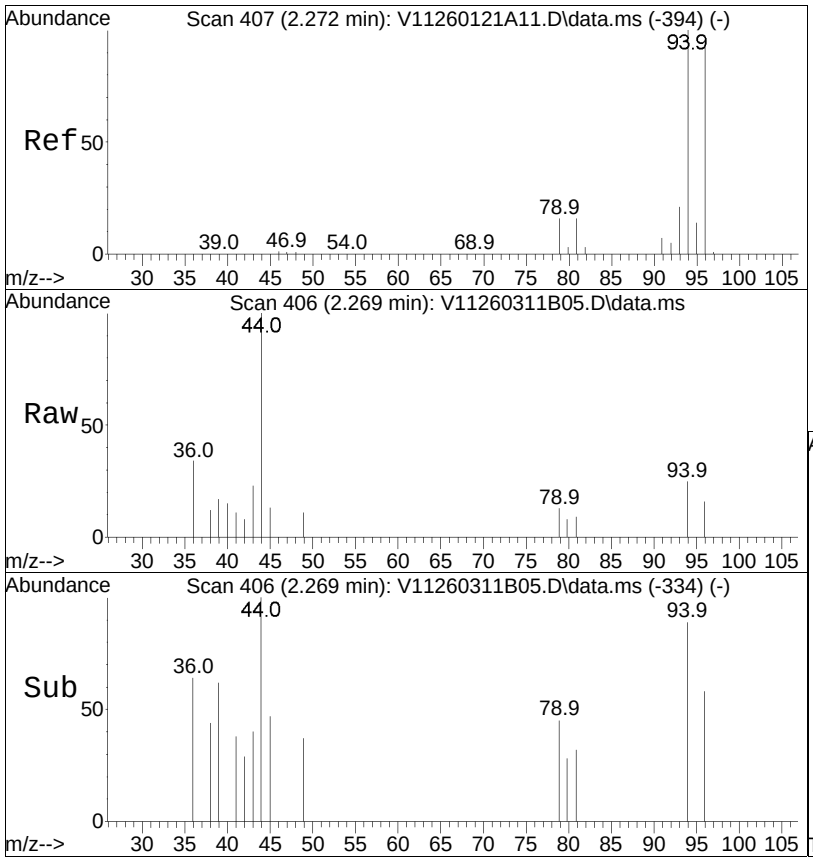
Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B05.D
Acq On : 11 Mar 2026 02:44 pm
Operator : VOA111:BAD
Sample : WG2183467-12,31H,15,15,0.100,,
Misc : WG2183467,ICAL22987
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 11 16:56:09 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

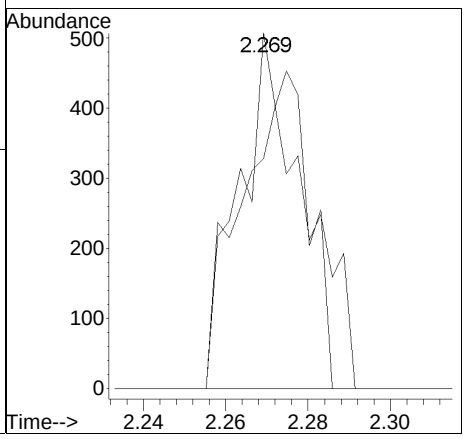




#5
Bromomethane
Concen: 0.18 ug/L
RT: 2.269 min Scan# 406
Delta R.T. -0.000 min
Lab File: V11260311B05.D
Acq: 11 Mar 2026 02:44 pm

Tgt Ion: 94 Resp: 568

Ion	Ratio	Lower	Upper
94	100		
96	90.8	72.6	112.6



Manual Integration Report

Data Path	: K:\VOA111\2026\260311B\	QMethod	: V111_260121A_8260.m
Data File	: V11260311B05.D	Operator	: VOA111:BAD
Date Inj'd	: 3/11/2026 2:44 pm	Instrument	: VOA111
Sample	: WG2183467-12,31H,15,15,0.1	Quant Date	: 3/11/2026 3:16 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183467-3,31H,5,5,0.100
Misc : WG2183467,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.201	96	173144	20.000	ug/L	0.00
Standard Area 1 = 173144			Recovery = 100.00%			
59) Chlorobenzene-d5	9.771	117	127198	20.000	ug/L	0.00
Standard Area 1 = 127198			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.428	152	64537	20.000	ug/L	0.00
Standard Area 1 = 64537			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.376	113	44949	20.820	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.10%			
43) 1,2-Dichloroethane-d4	5.911	65	49448	24.145	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 120.72%			
60) Toluene-d8	7.913	98	173102	21.072	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.36%			
83) 4-Bromofluorobenzene	11.240	95	60424	20.461	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.31%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.658	85	97050	46.662	ug/L	99
3) Chloromethane	1.882	50	114270	50.900	ug/L	97
4) Vinyl chloride	1.940	62	140525	56.550	ug/L	98
5) Bromomethane	2.272	94	80599	42.323	ug/L	99
6) Chloroethane	2.400	64	71238	47.648	ug/L	97
7) Trichlorofluoromethane	2.554	101	143868	50.179	ug/L	98
8) Ethyl ether	2.866	74	48342	40.292	ug/L	78
10) 1,1-Dichloroethene	3.070	96	76859	43.600	ug/L	91
11) Carbon disulfide	3.103	76	276241	41.707	ug/L	99
15) Methylene chloride	3.638	84	92789	38.847	ug/L	77
17) Acetone	3.686	43	23618	41.721	ug/L	97
18) trans-1,2-Dichloroethene	3.803	96	88420	42.536	ug/L	89
20) Methyl tert-butyl ether	3.898	73	253291	39.546	ug/L	88
23) 1,1-Dichloroethane	4.397	63	171054	44.911	ug/L	97
25) Acrylonitrile	4.447	53	23456M1	42.099	ug/L	
27) Vinyl acetate	4.637	43	206045	41.595	ug/L #	95
28) cis-1,2-Dichloroethene	4.927	96	95096	40.073	ug/L	89
29) 2,2-Dichloropropane	5.036	77	137301	44.306	ug/L	96
30) Bromochloromethane	5.128	128	43540	38.747	ug/L #	79
32) Chloroform	5.197	83	172226	43.093	ug/L	97

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183467-3,31H,5,5,0.100
Misc : WG2183467,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	5.342	117	128340	44.610	ug/L		97
37) 1,1,1-Trichloroethane	5.406	97	145995	46.056	ug/L		99
39) 2-Butanone	5.498	43	28541M1	45.785	ug/L		
40) 1,1-Dichloropropene	5.535	75	119175	47.045	ug/L		98
41) Benzene	5.780	78	348325	42.250	ug/L		92
44) 1,2-Dichloroethane	5.984	62	127178	44.960	ug/L		98
48) Trichloroethene	6.385	95	94200	42.320	ug/L		96
50) Dibromomethane	6.829	93	54734	39.892	ug/L		93
51) 1,2-Dichloropropane	6.935	63	93061	42.112	ug/L		96
54) Bromodichloromethane	7.004	83	127924	41.379	ug/L		99
57) 1,4-Dioxane	7.222	88	30614M3	2134.918	ug/L		
58) cis-1,3-Dichloropropene	7.699	75	141248	39.951	ug/L		95
61) Toluene	7.969	92	219059	41.694	ug/L		96
62) 4-Methyl-2-pentanone	8.399	58	24472	37.181	ug/L	#	93
63) Tetrachloroethene	8.424	166	88867	42.148	ug/L		93
65) trans-1,3-Dichloropropene	8.452	75	126793	40.427	ug/L		84
68) 1,1,2-Trichloroethane	8.639	83	63552	40.231	ug/L		99
69) Chlorodibromomethane	8.856	129	89562	38.635	ug/L		96
70) 1,3-Dichloropropane	8.962	76	129962	41.560	ug/L		100
71) 1,2-Dibromoethane	9.138	107	70899	40.273	ug/L		98
72) 2-Hexanone	9.425	43	35074	36.563	ug/L		94
73) Chlorobenzene	9.793	112	244769	40.458	ug/L	#	85
74) Ethylbenzene	9.829	91	437170	43.246	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.871	131	89358	38.675	ug/L		99
76) p/m Xylene	10.013	106	328488	86.063	ug/L		95
77) o Xylene	10.546	106	323477	83.043	ug/L		96
78) Styrene	10.610	104	526781	80.696	ug/L		99
80) Bromoform	10.632	173	50950	35.336	ug/L		99
82) Isopropylbenzene	10.920	105	426921	44.392	ug/L		99
84) Bromobenzene	11.352	156	99555	38.549	ug/L		99
85) n-Propylbenzene	11.388	91	533030	47.399	ug/L		97
87) 1,1,2,2-Tetrachloroethane	11.466	83	96861	41.885	ug/L		99
88) 4-Ethyltoluene	11.514	105	424856	44.793	ug/L		98
89) 2-Chlorotoluene	11.558	91	301750	44.044	ug/L		94
90) 1,3,5-Trimethylbenzene	11.608	105	365593	44.119	ug/L		97
91) 1,2,3-Trichloropropane	11.608	75	77322	43.518	ug/L		98
92) trans-1,4-Dichloro-2-b...	11.661	53	27761	42.789	ug/L		93
93) 4-Chlorotoluene	11.737	91	314315	44.139	ug/L		97
94) tert-Butylbenzene	11.943	119	304476	43.901	ug/L		97

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183467-3,31H,5,5,0.100
Misc : WG2183467,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	12.021	105	354573	43.411	ug/L	97
98)	sec-Butylbenzene	12.133	105	472606	46.205	ug/L	98
99)	p-Isopropyltoluene	12.281	119	399470	44.715	ug/L	98
100)	1,3-Dichlorobenzene	12.353	146	195882	40.670	ug/L	98
101)	1,4-Dichlorobenzene	12.445	146	194068	38.280	ug/L	98
102)	p-Diethylbenzene	12.651	119	231167	43.565	ug/L	98
103)	n-Butylbenzene	12.710	91	377598	46.825	ug/L	98
104)	1,2-Dichlorobenzene	12.863	146	180657	39.812	ug/L	99
105)	1,2,4,5-Tetramethylben...	13.435	119	322003	39.772	ug/L	97
106)	1,2-Dibromo-3-chloropr...	13.633	155	12036	34.826	ug/L	98
108)	Hexachlorobutadiene	14.233	225	59513	39.337	ug/L	99
109)	1,2,4-Trichlorobenzene	14.260	180	98034	36.125	ug/L	98
110)	Naphthalene	14.556	128	171175	33.671	ug/L	100
111)	1,2,3-Trichlorobenzene	14.723	180	71369	34.173	ug/L	96

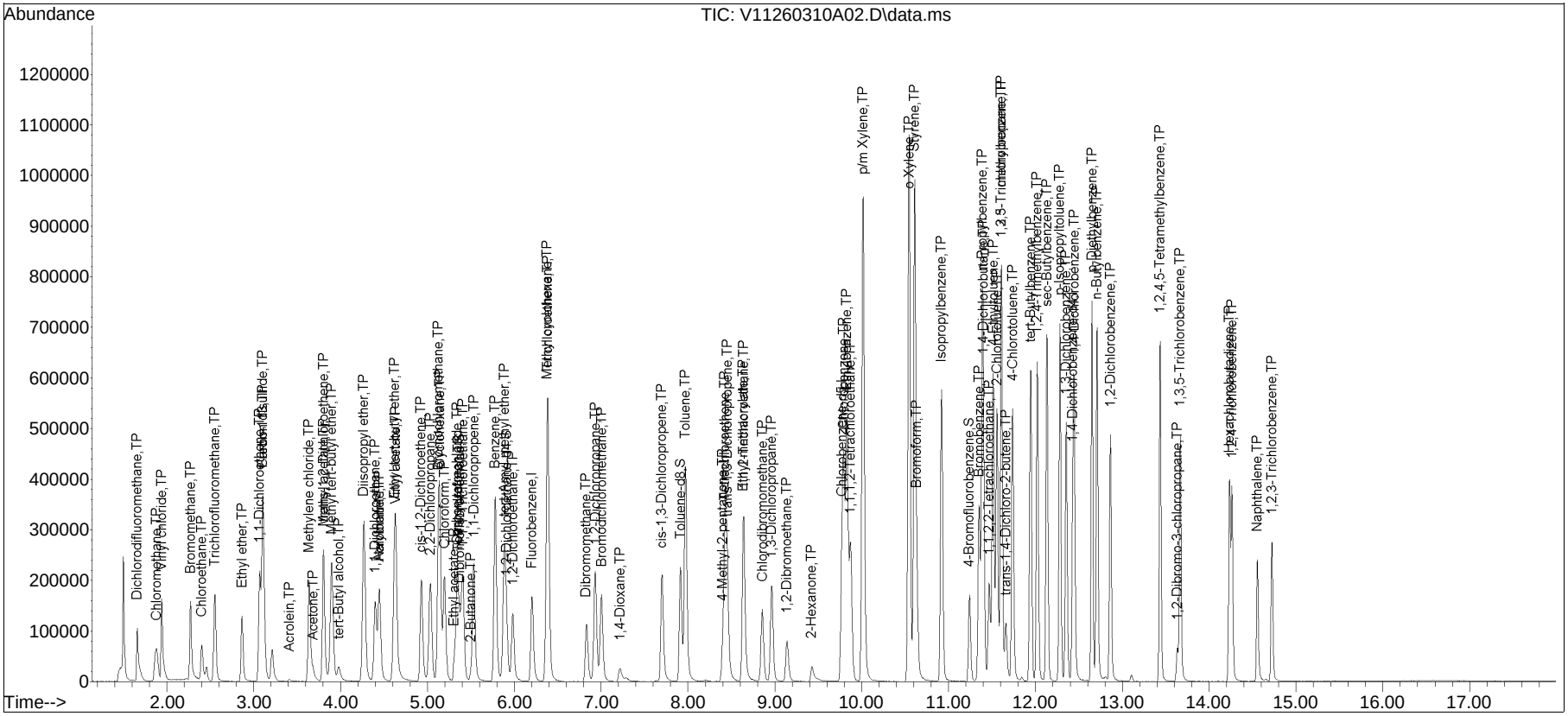
(#) = qualifier out of range (m) = manual integration (+) = signals summed

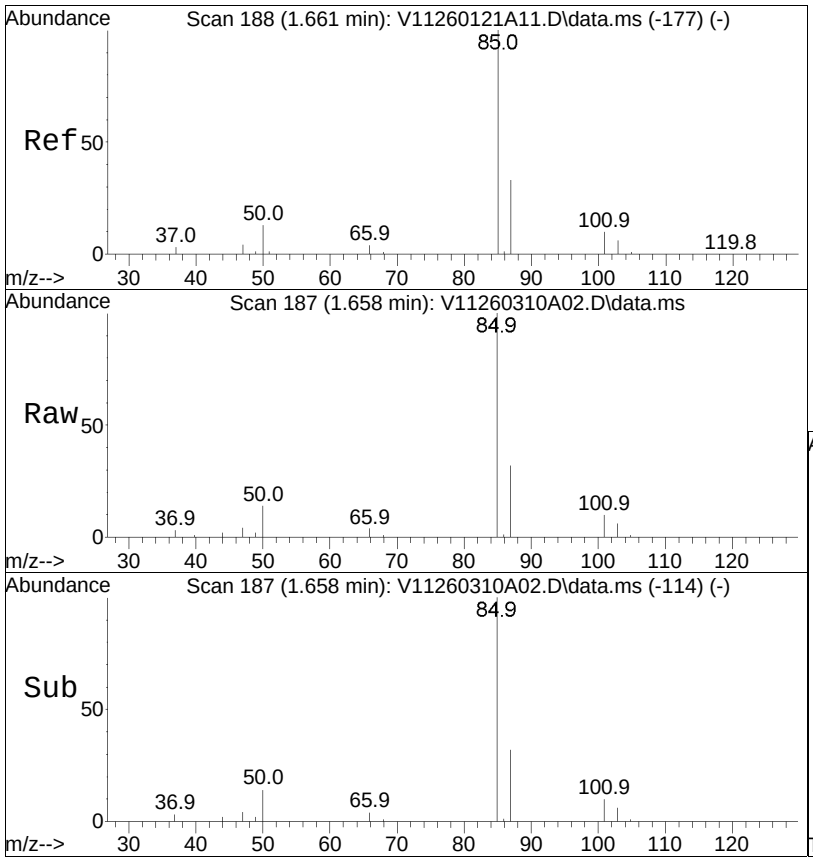
Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183467-3,31H,5,5,0.100
Misc : WG2183467,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

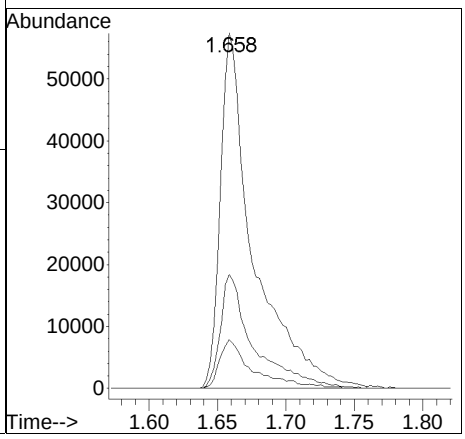


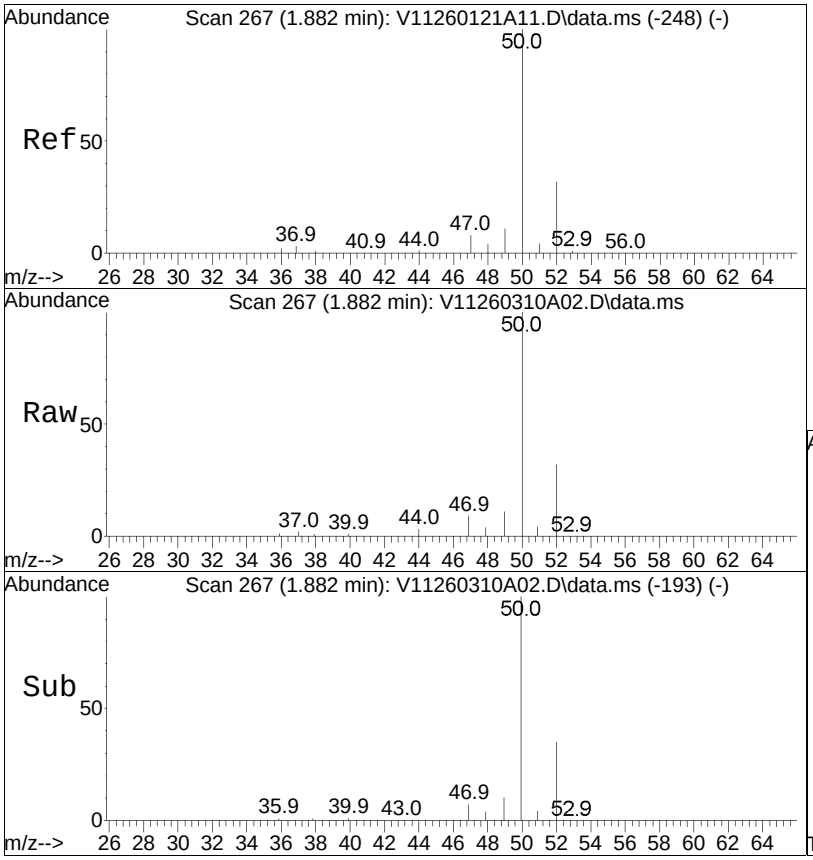


#2
Dichlorodifluoromethane
Concen: 46.66 ug/L
RT: 1.658 min Scan# 187
Delta R.T. 0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 85 Resp: 97050

Ion	Ratio	Lower	Upper
85	100		
87	32.2	20.7	43.1
50	13.7	9.8	20.3

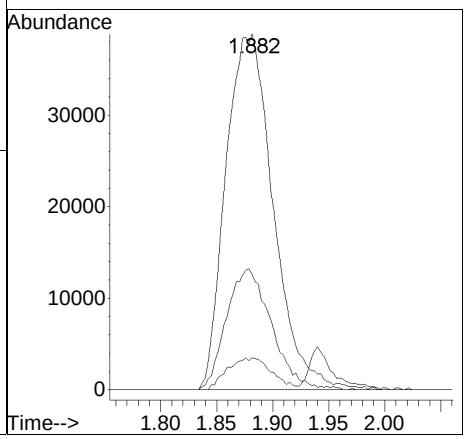


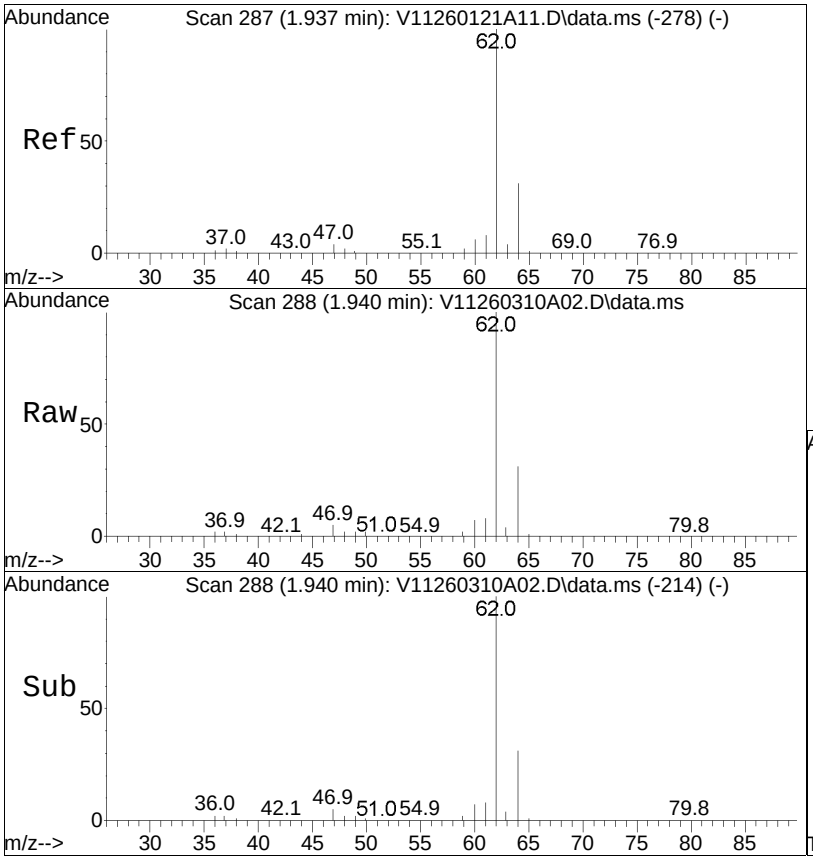


#3
Chloromethane
Concen: 50.90 ug/L
RT: 1.882 min Scan# 267
Delta R.T. 0.005 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 50 Resp: 114270

Ion	Ratio	Lower	Upper
50	100		
52	32.1	10.9	50.9
47	4.2	0.0	27.2

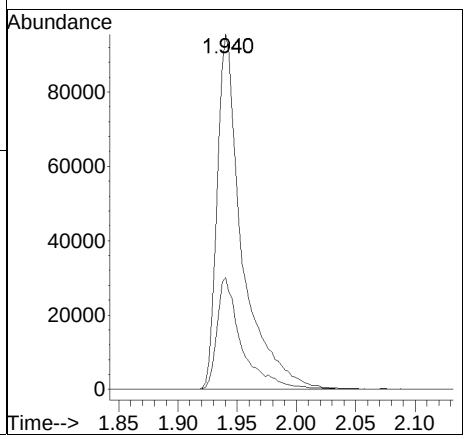


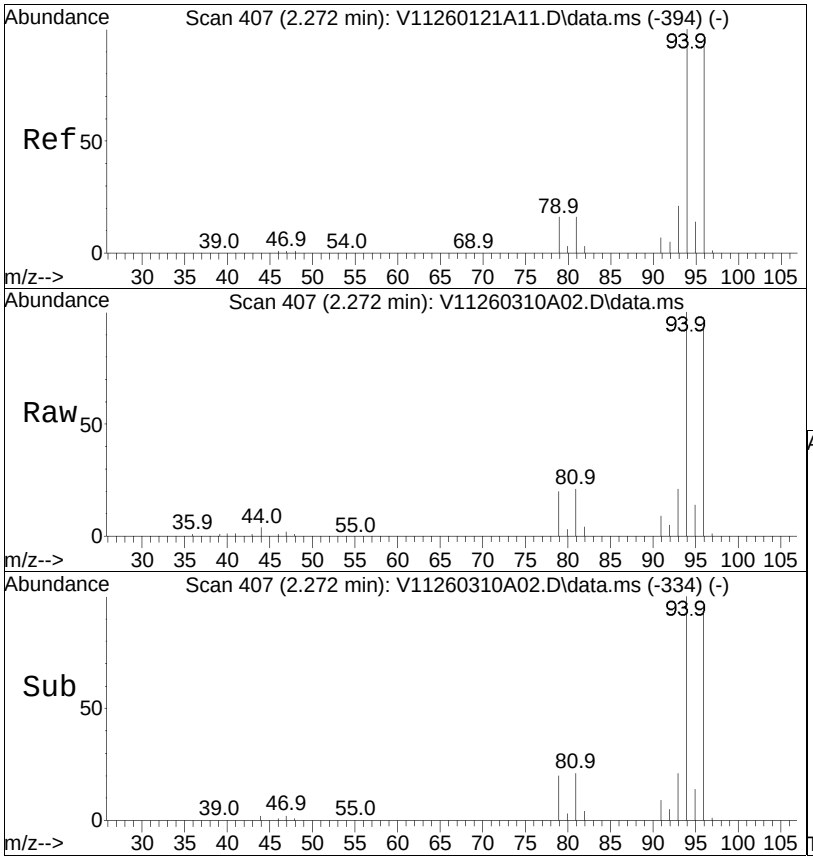


#4
Vinyl chloride
Concen: 56.55 ug/L
RT: 1.940 min Scan# 288
Delta R.T. 0.005 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 62 Resp: 140525

Ion	Ratio	Lower	Upper
62	100		
64	31.2	9.9	49.9

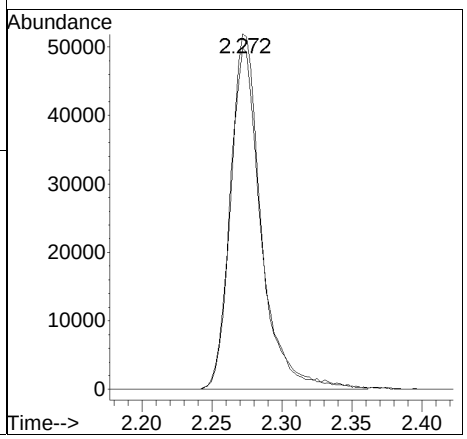


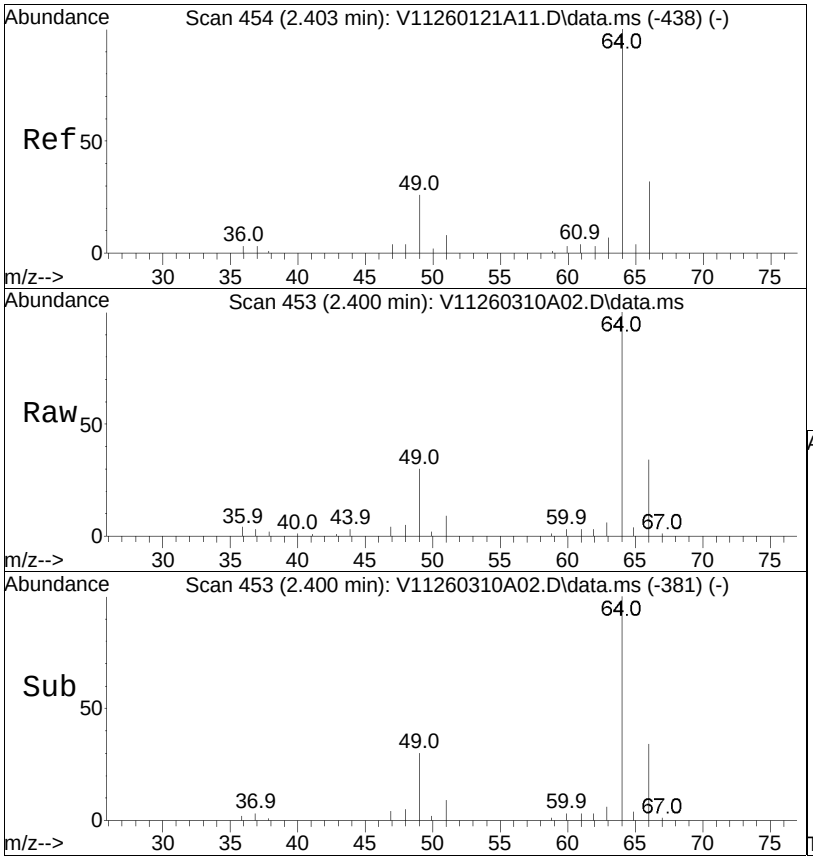


#5
Bromomethane
Concen: 42.32 ug/L
RT: 2.272 min Scan# 407
Delta R.T. 0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 94 Resp: 80599

Ion	Ratio	Lower	Upper
94	100		
96	93.1	72.6	112.6

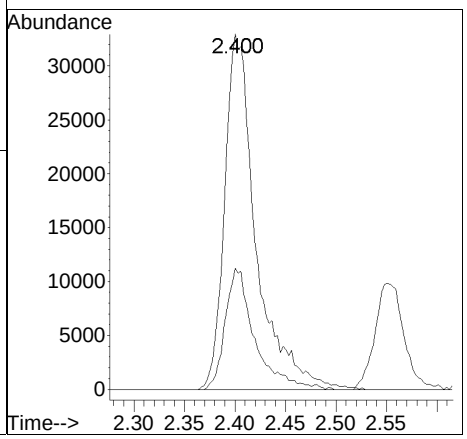


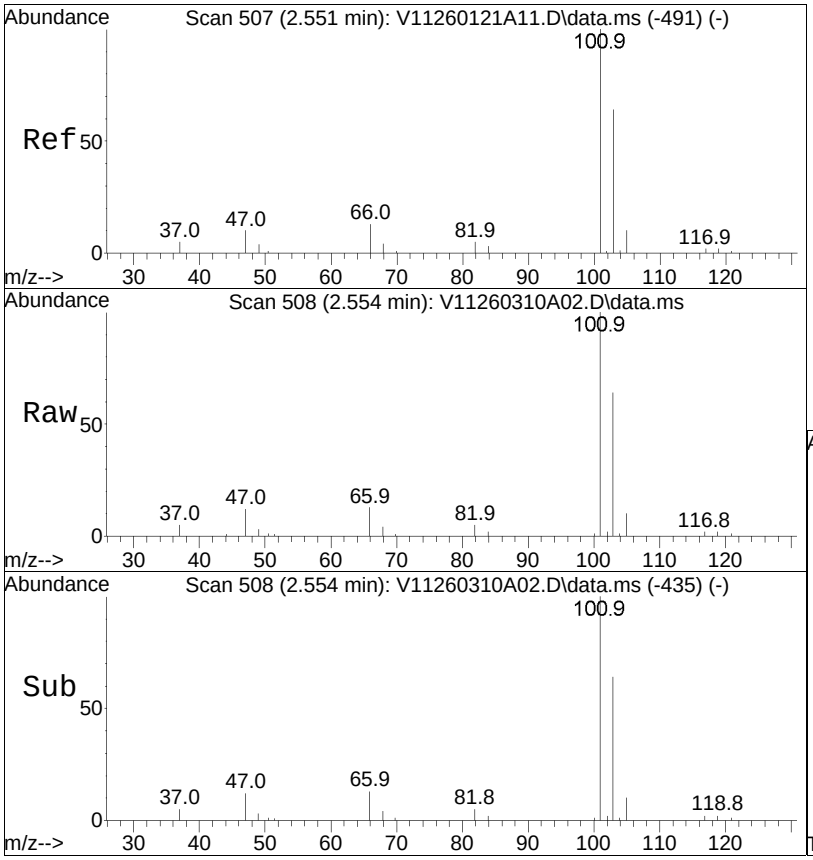


#6
Chloroethane
Concen: 47.65 ug/L
RT: 2.400 min Scan# 453
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 64 Resp: 71238

Ion	Ratio	Lower	Upper
64	100		
66	31.6	10.2	50.2

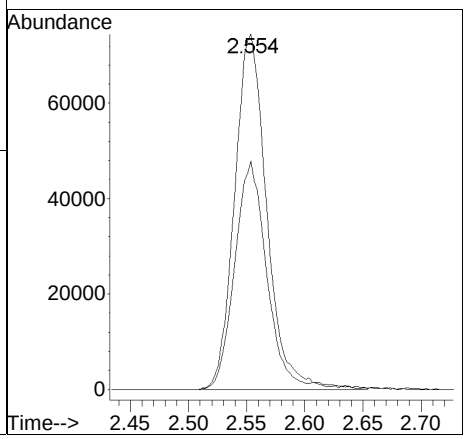


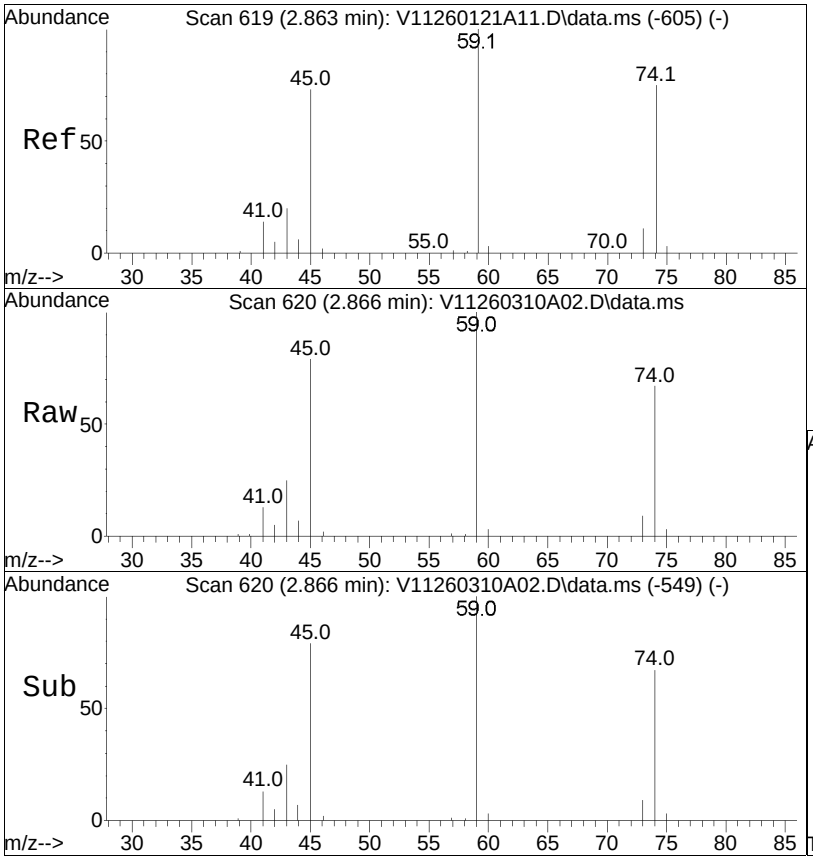


#7
Trichlorofluoromethane
Concen: 50.18 ug/L
RT: 2.554 min Scan# 508
Delta R.T. 0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:101 Resp: 143868

Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.8	77.6

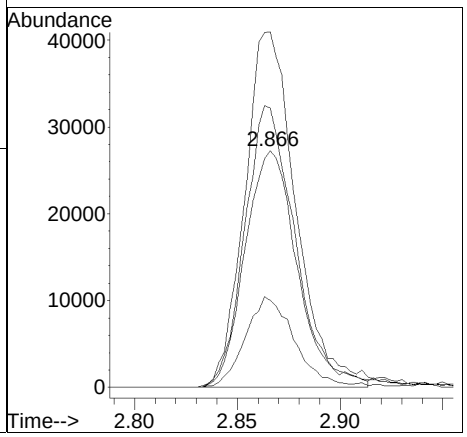


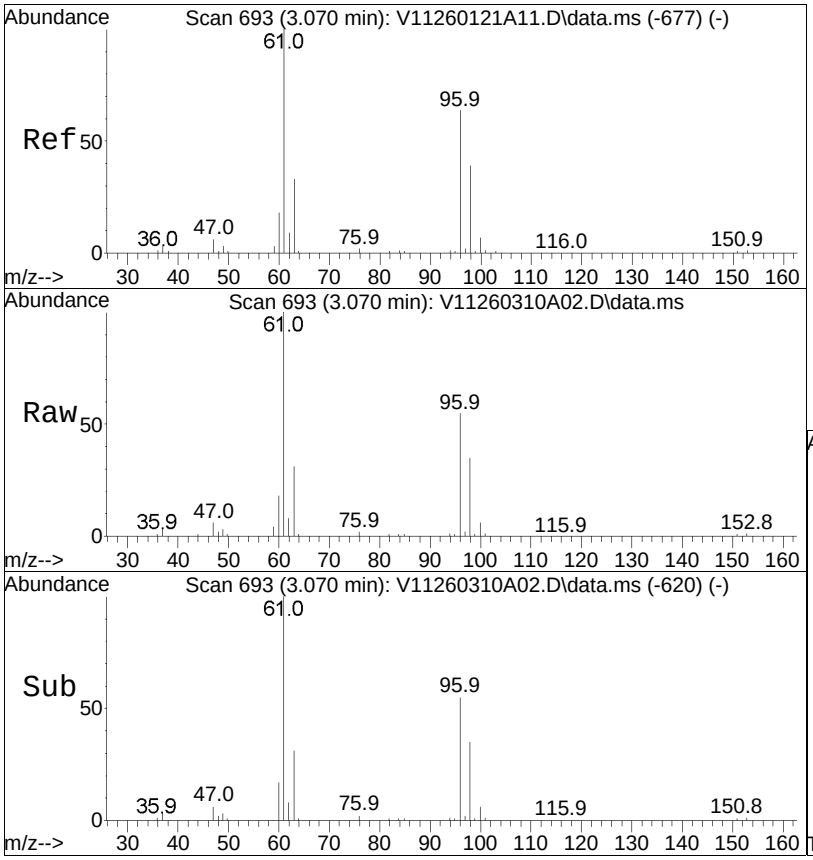


#8
Ethyl ether
Concen: 40.29 ug/L
RT: 2.866 min Scan# 620
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 74 Resp: 48342

Ion	Ratio	Lower	Upper
74	100		
59	150.1	113.5	235.7
45	116.1	100.4	208.4
43	35.8	27.1	56.3

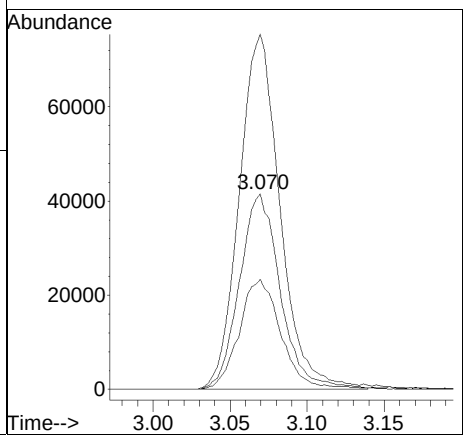


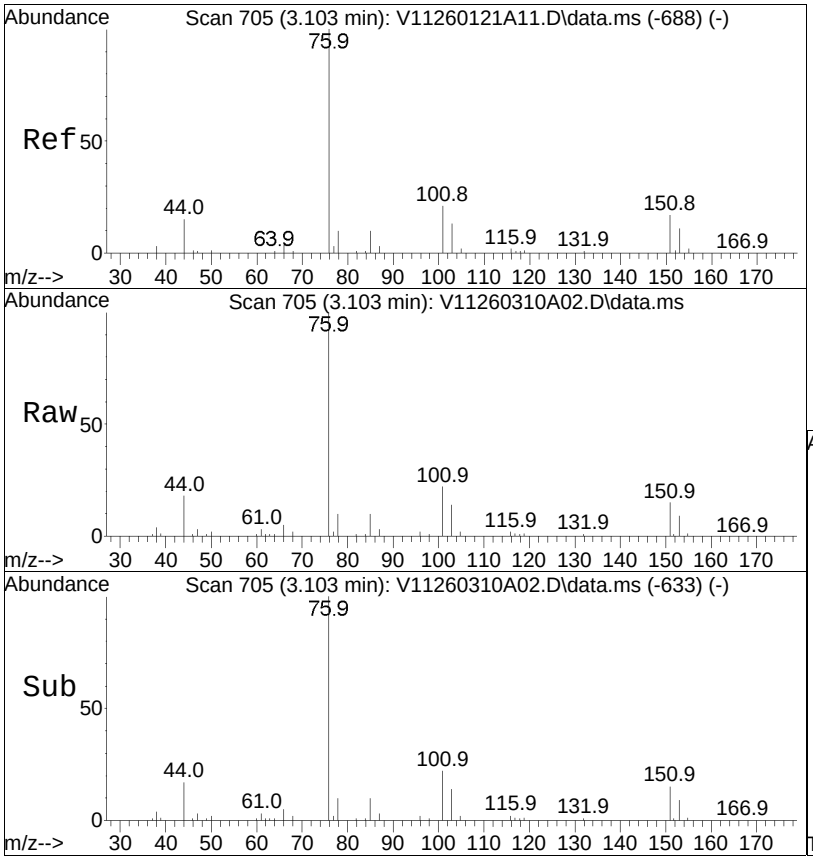


#10
1,1-Dichloroethene
Concen: 43.60 ug/L
RT: 3.070 min Scan# 693
Delta R.T. 0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 96 Resp: 76859

Ion	Ratio	Lower	Upper
96	100		
61	180.7	157.7	236.5
63	57.7	47.9	71.9

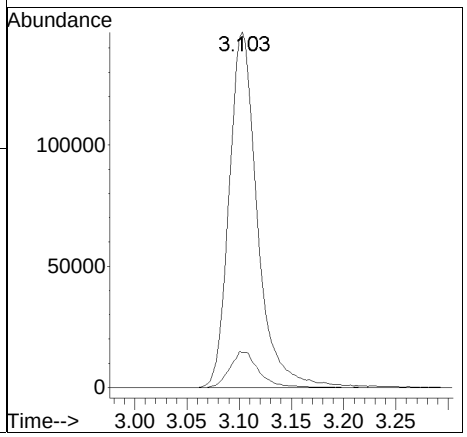


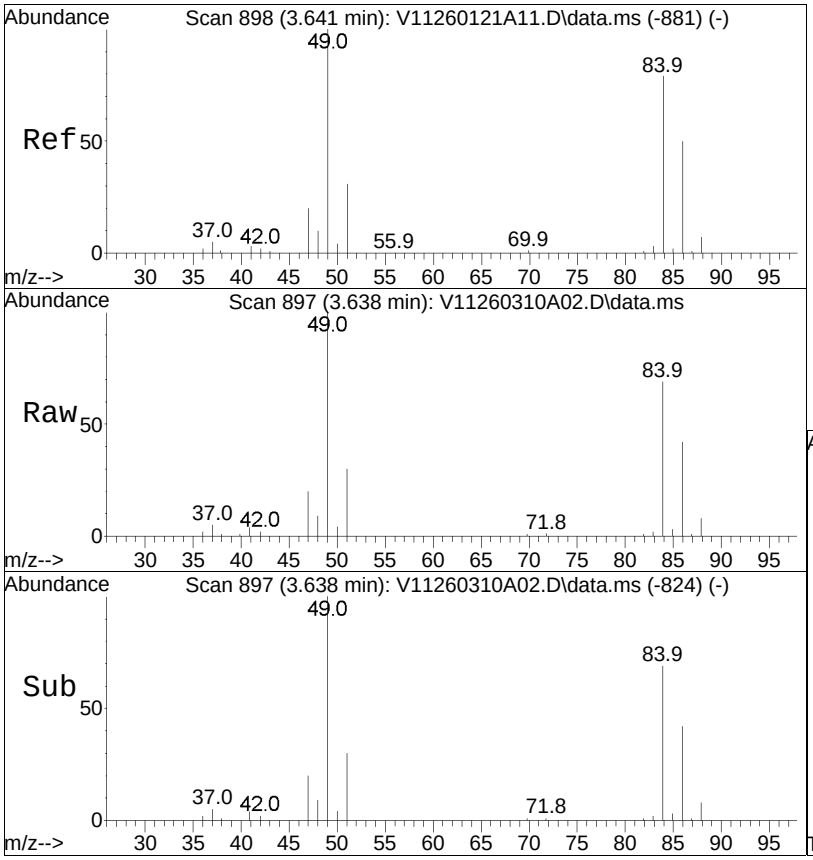


#11
Carbon disulfide
Concen: 41.71 ug/L
RT: 3.103 min Scan# 705
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 76 Resp: 276241

Ion	Ratio	Lower	Upper
76	100		
78	10.2	6.4	13.4

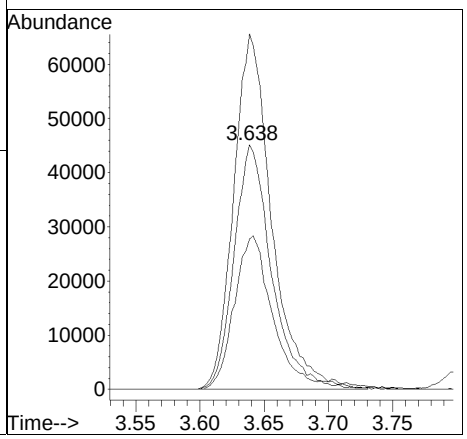


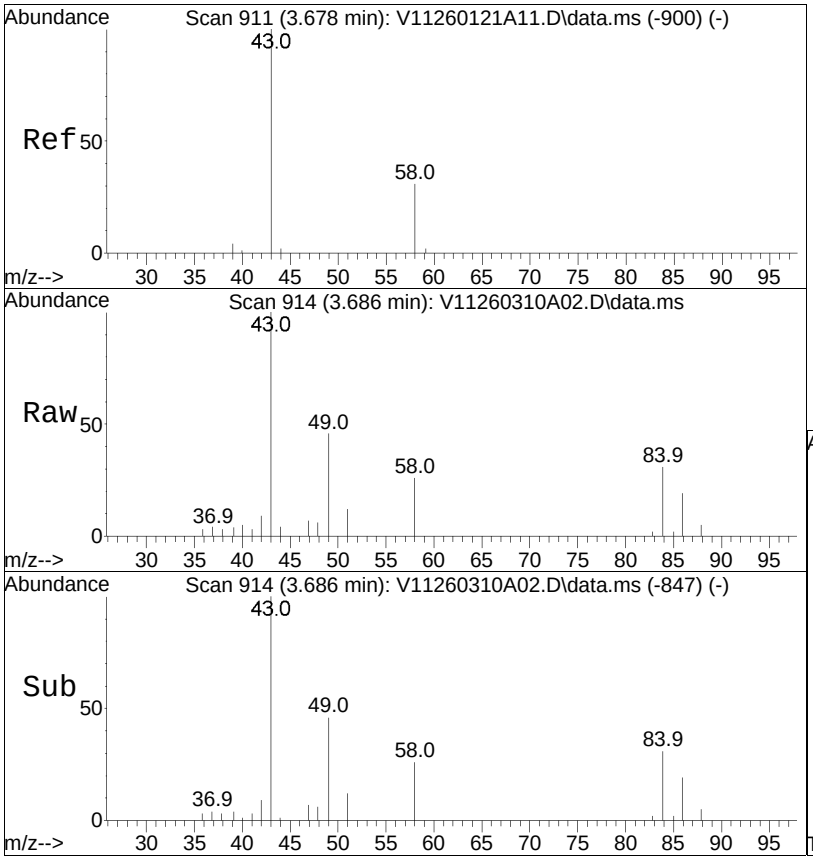


#15
Methylene chloride
Concen: 38.85 ug/L
RT: 3.638 min Scan# 897
Delta R.T. 0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 84 Resp: 92789

Ion	Ratio	Lower	Upper
84	100		
86	64.2	41.1	85.3
49	146.9	124.2	258.0

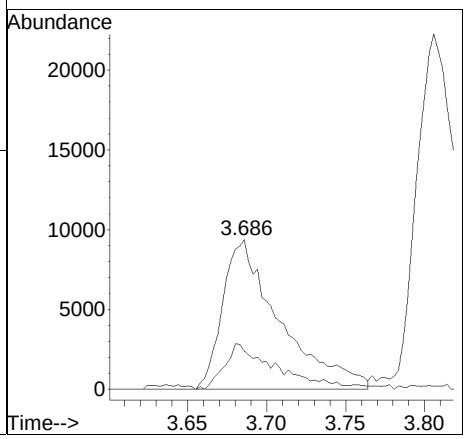


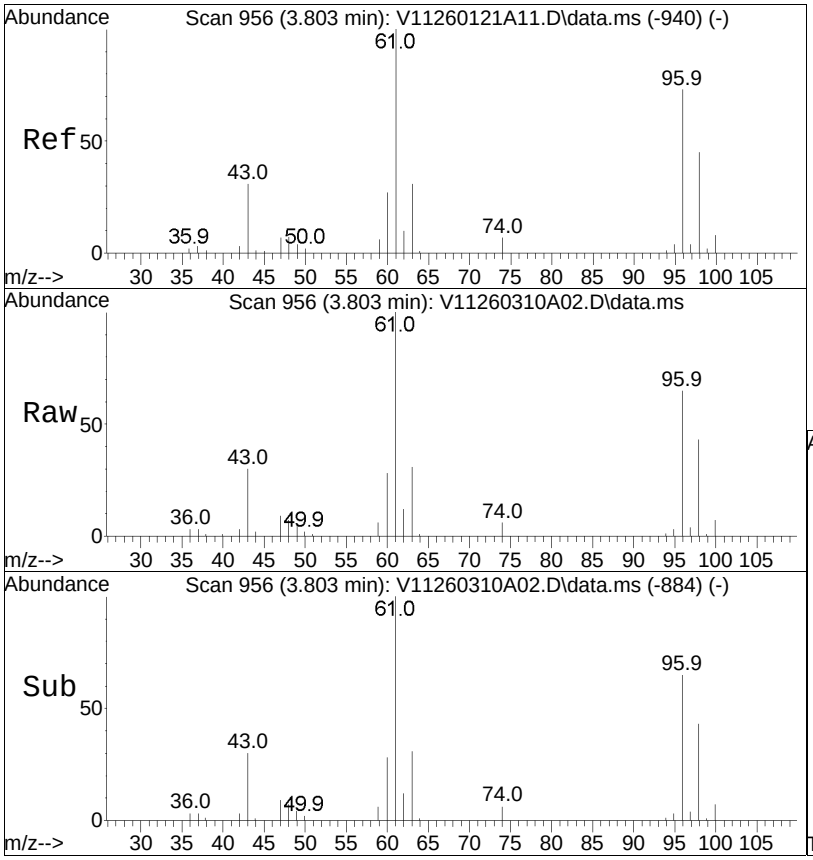


#17
Acetone
Concen: 41.72 ug/L
RT: 3.686 min Scan# 914
Delta R.T. -0.014 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 43 Resp: 23618

Ion	Ratio	Lower	Upper
43	100		
58	27.6	20.8	31.2

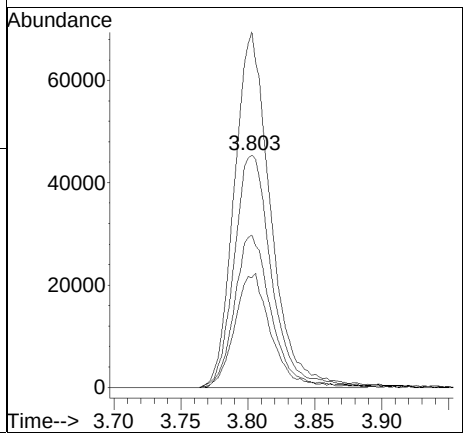


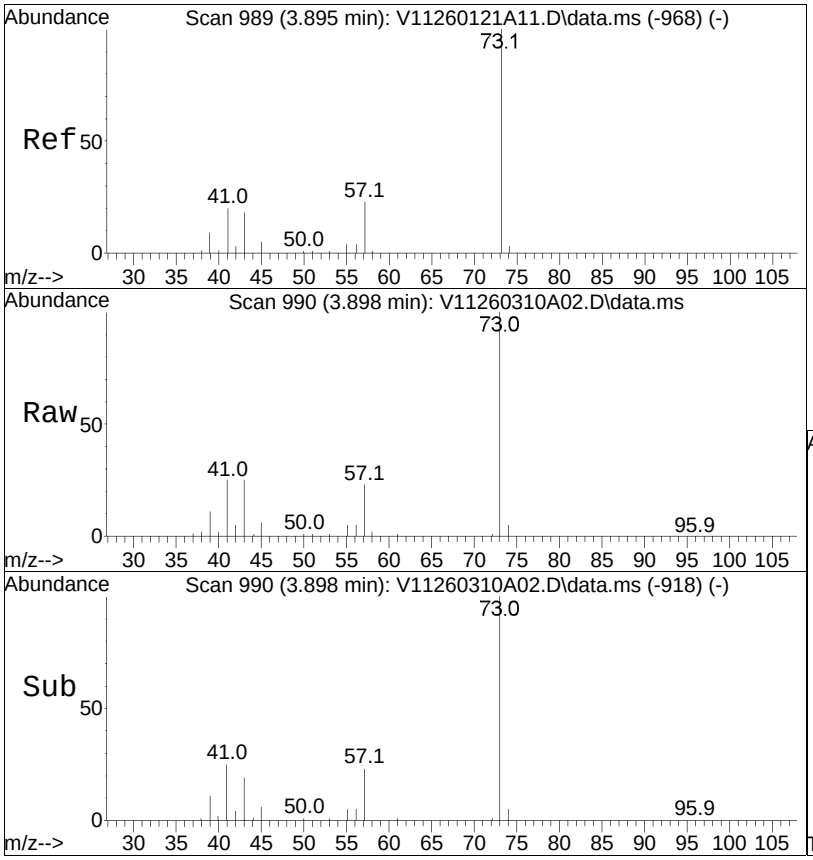


#18
trans-1,2-Dichloroethene
Concen: 42.54 ug/L
RT: 3.803 min Scan# 956
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 96 Resp: 88420

Ion	Ratio	Lower	Upper
96	100		
61	147.8	111.1	230.8
98	63.5	41.8	86.8
63	47.2	33.3	69.1

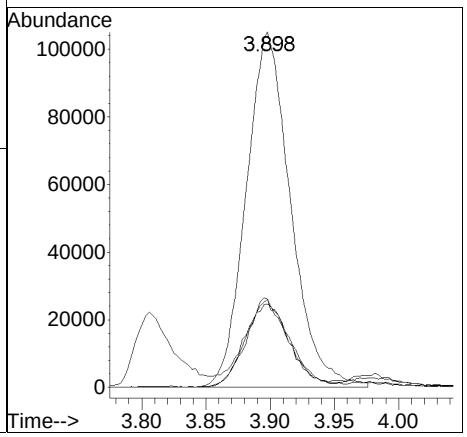


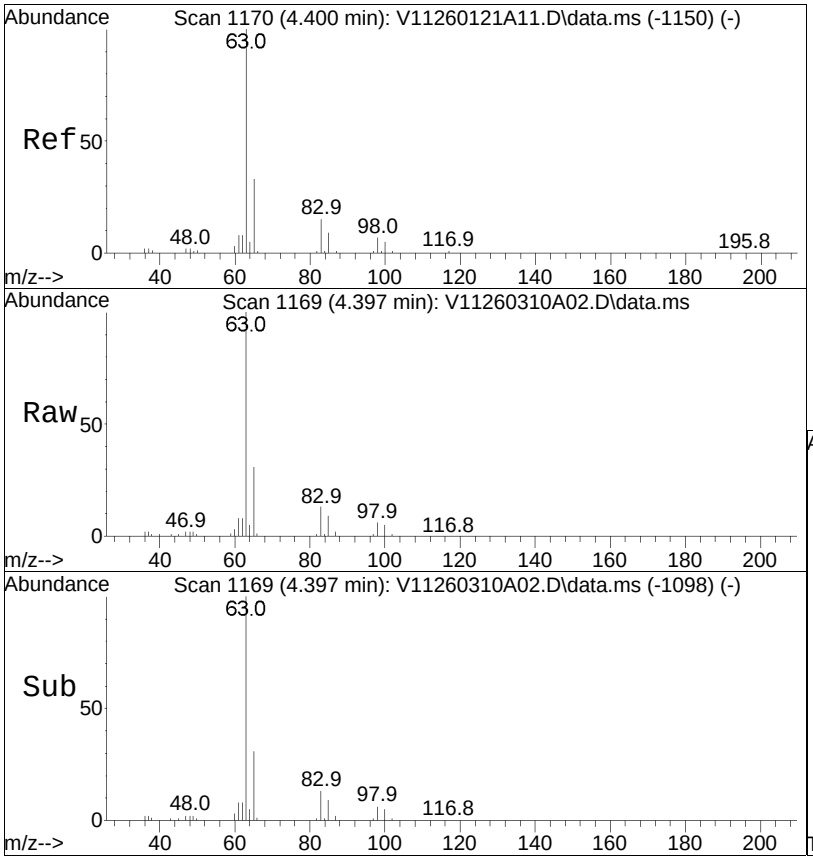


#20
Methyl tert-butyl ether
Concen: 39.55 ug/L
RT: 3.898 min Scan# 990
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 73 Resp: 253291

Ion	Ratio	Lower	Upper
73	100		
57	23.4	19.6	40.6
43	22.8	18.5	38.3
41	23.9	20.3	42.1

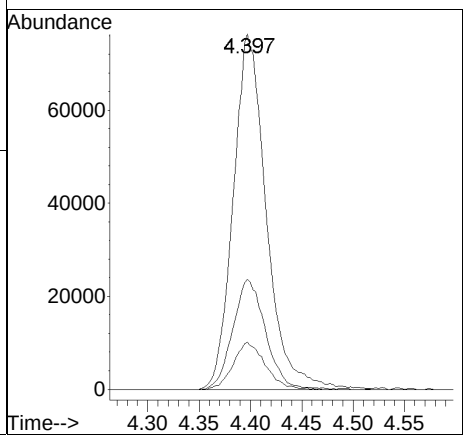


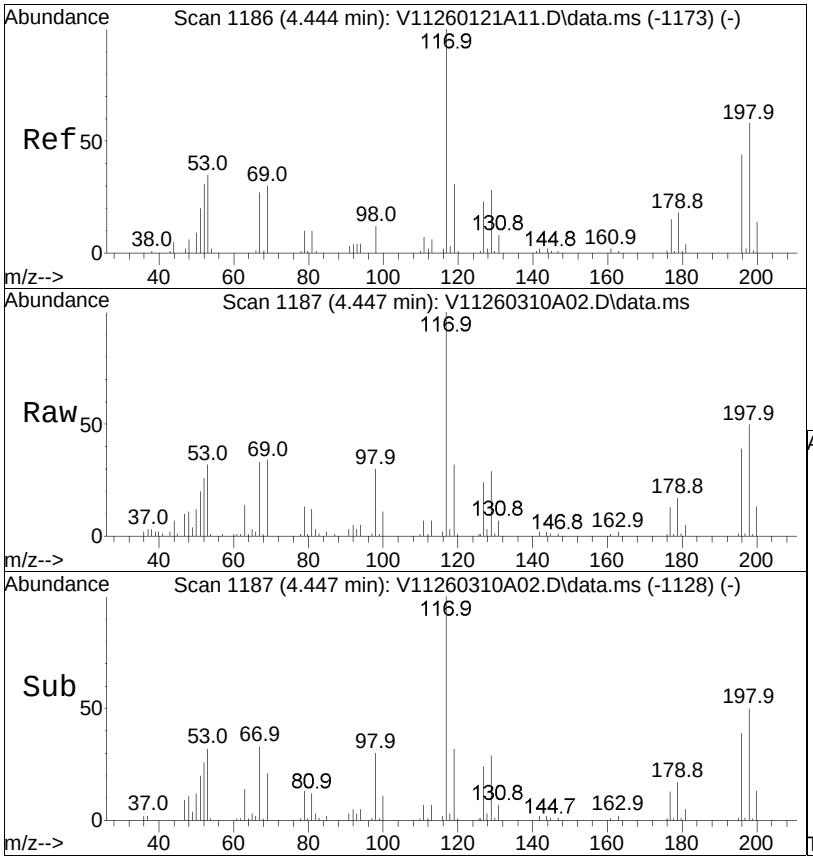


#23
1,1-Dichloroethane
Concen: 44.91 ug/L
RT: 4.397 min Scan# 1169
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 63 Resp: 171054

Ion	Ratio	Lower	Upper
63	100		
65	30.6	9.0	49.0
83	12.8	0.0	31.4

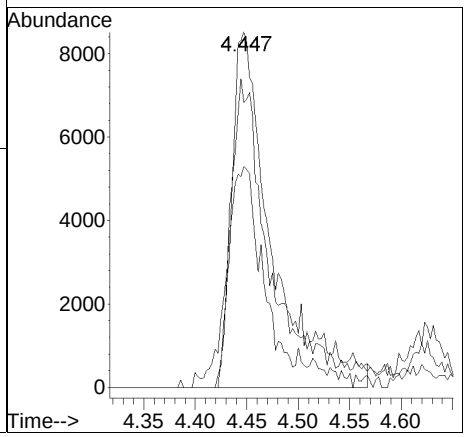


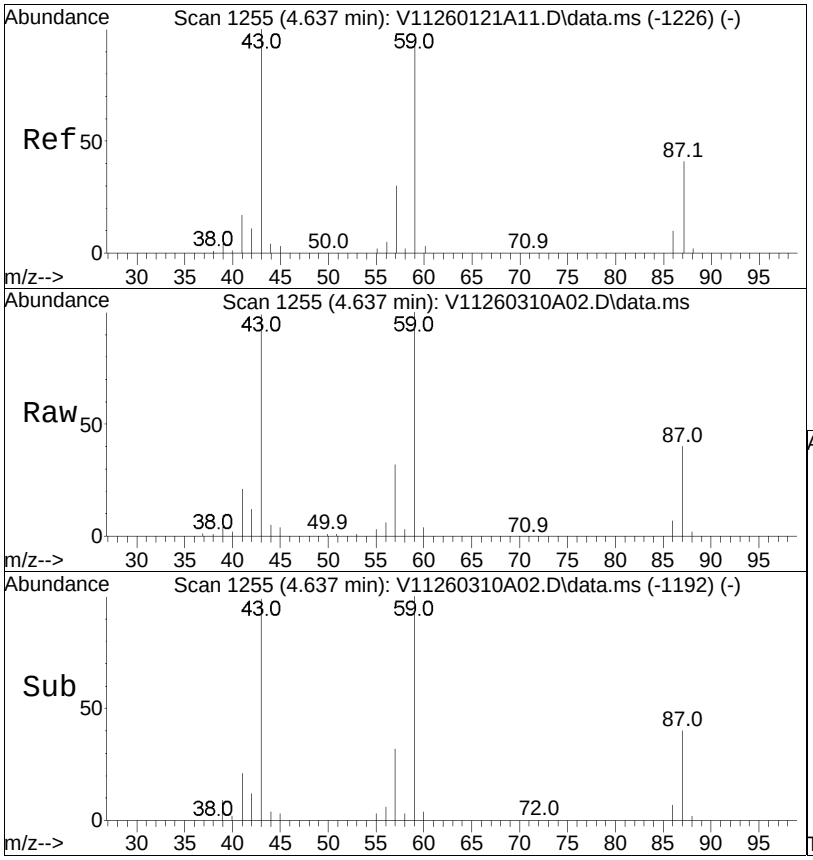


#25
Acrylonitrile
Concen: 42.10 ug/L M1
RT: 4.447 min Scan# 1187
Delta R.T. -0.036 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 53 Resp: 23456

Ion	Ratio	Lower	Upper
53	100		
52	75.4	66.9	100.3
51	49.9	42.6	63.8

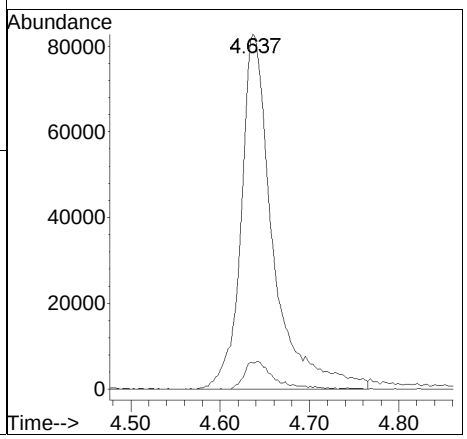


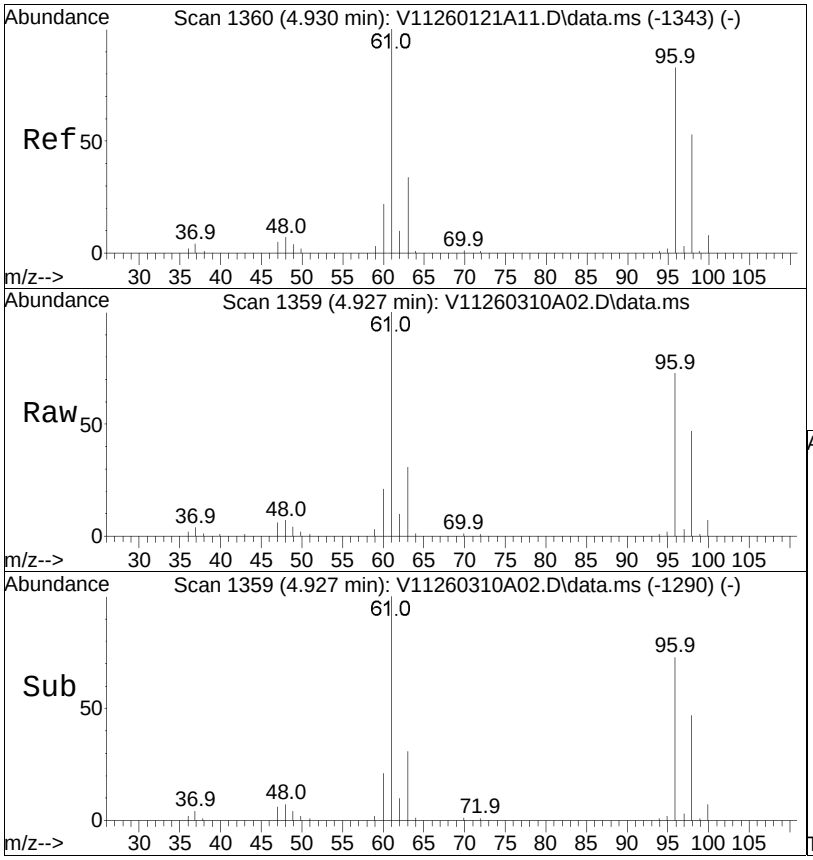


#27
Vinyl acetate
Concen: 41.60 ug/L
RT: 4.637 min Scan# 1255
Delta R.T. -0.025 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 43 Resp: 206045

Ion	Ratio	Lower	Upper
43	100		
86	7.4	4.6	6.8#

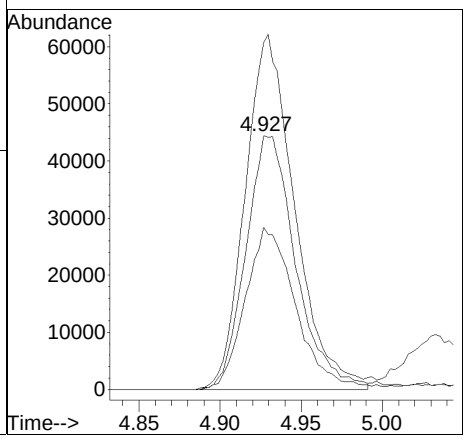


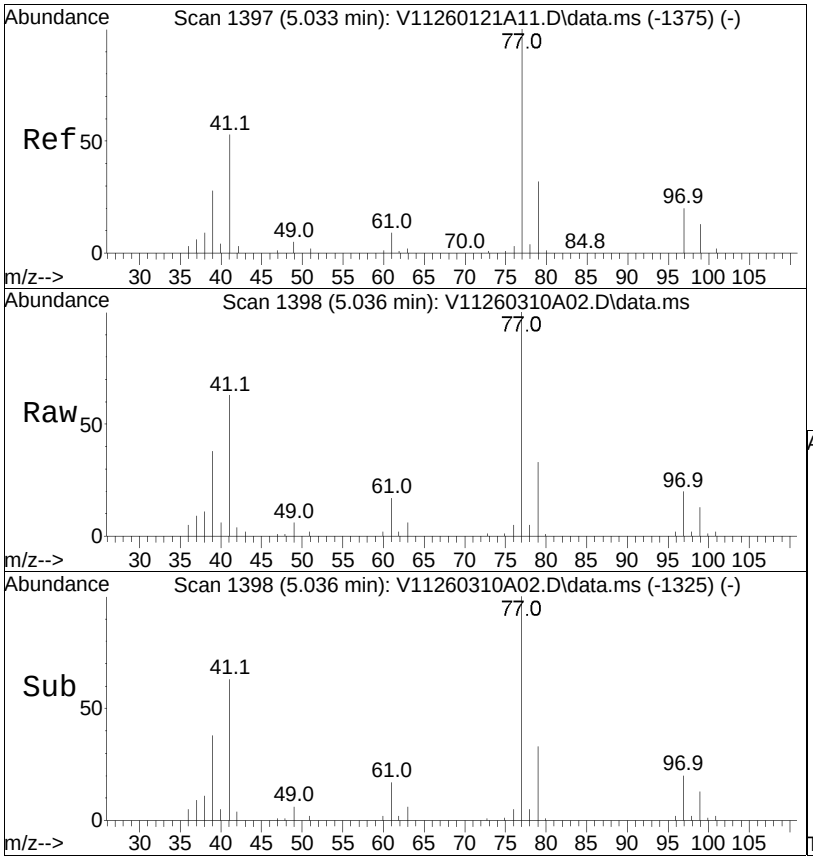


#28
cis-1,2-Dichloroethene
Concen: 40.07 ug/L
RT: 4.927 min Scan# 1359
Delta R.T. -0.008 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 96 Resp: 95096

Ion	Ratio	Lower	Upper
96	100		
61	138.4	126.3	189.5
98	64.6	51.0	76.6

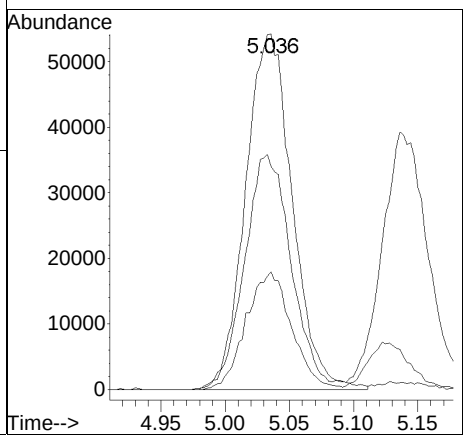


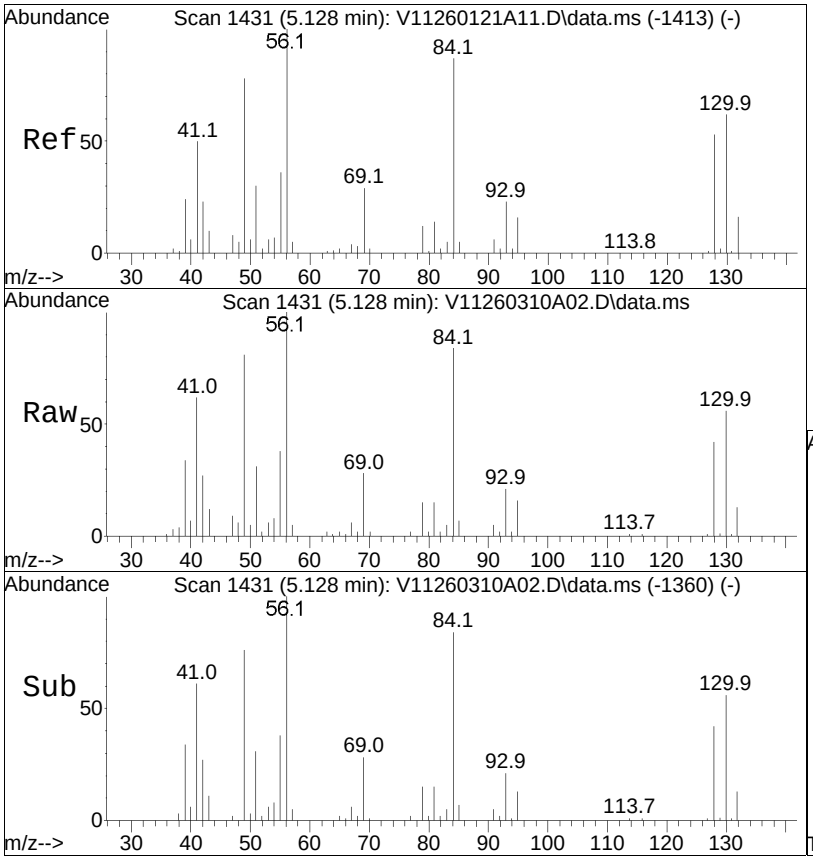


#29
2,2-Dichloropropane
Concen: 44.31 ug/L
RT: 5.036 min Scan# 1398
Delta R.T. 0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 77 Resp: 137301

Ion	Ratio	Lower	Upper
77	100		
41	65.6	45.5	94.5
79	32.3	20.9	43.3

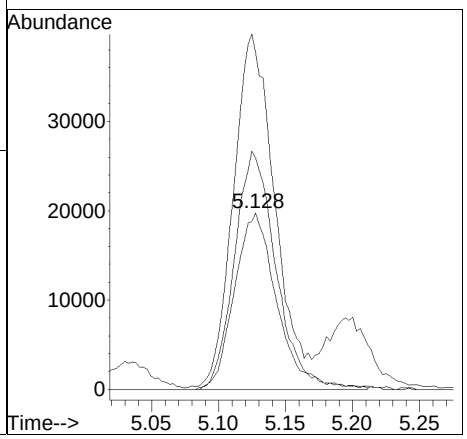


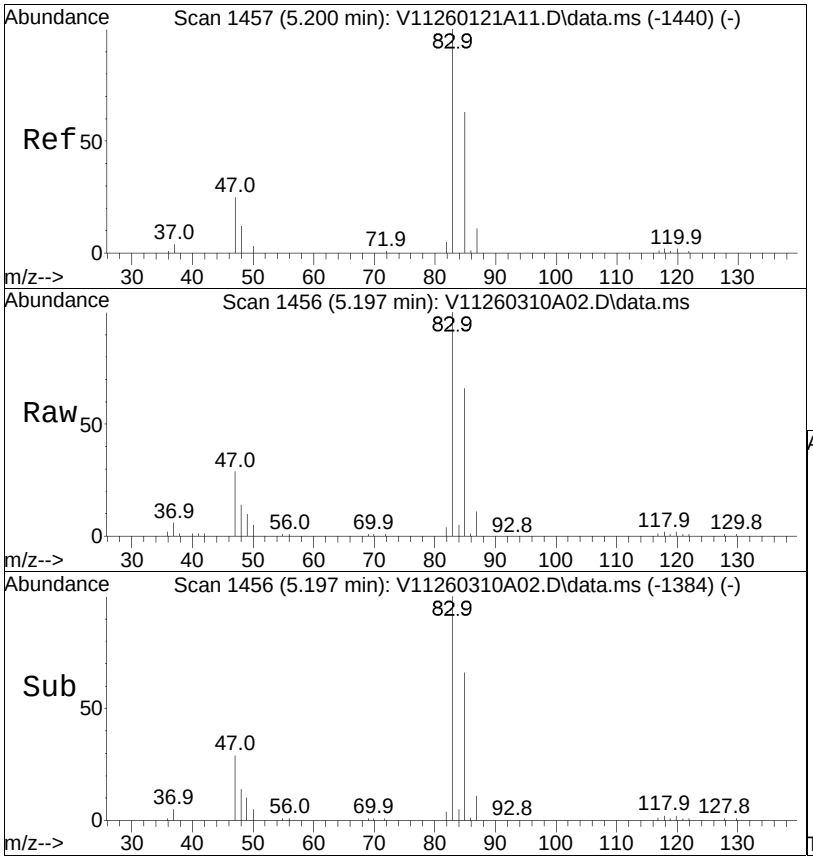


#30
Bromochloromethane
Concen: 38.75 ug/L
RT: 5.128 min Scan# 1431
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:128 Resp: 43540

Ion	Ratio	Lower	Upper
128	100		
49	195.7	201.3	301.9#
130	130.7	106.2	159.2

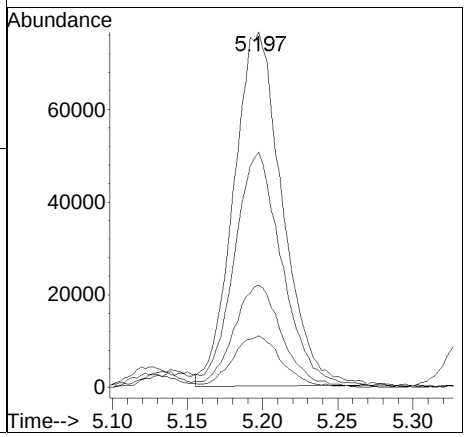


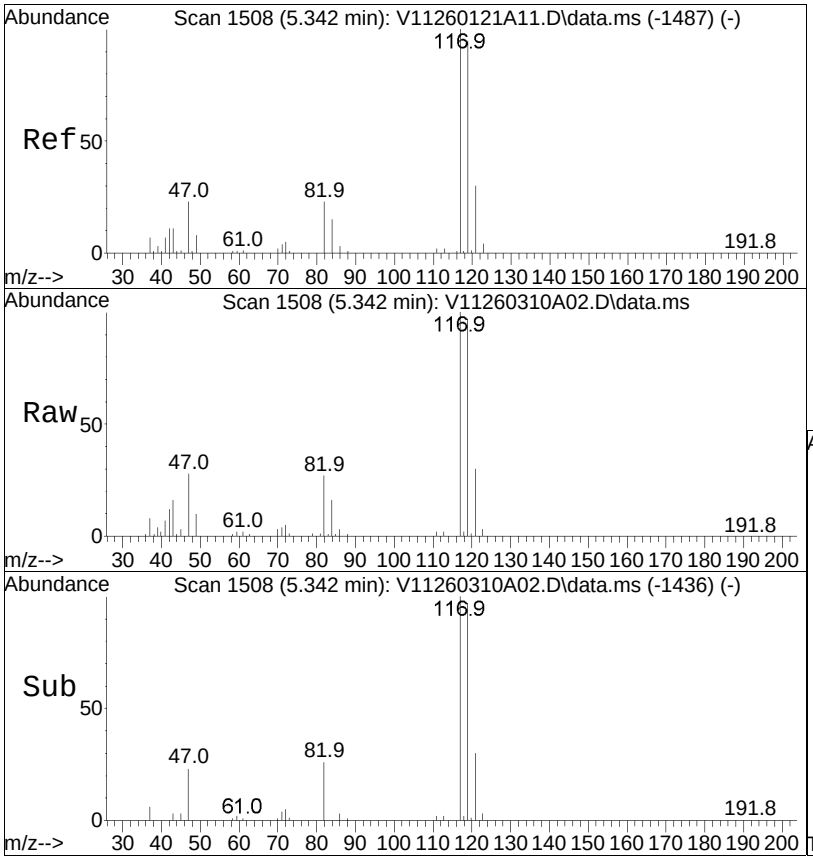


#32
Chloroform
Concen: 43.09 ug/L
RT: 5.197 min Scan# 1456
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 83 Resp: 172226

Ion	Ratio	Lower	Upper
83	100		
85	64.8	41.9	87.1
47	28.2	20.9	43.3
48	14.1	9.9	20.5

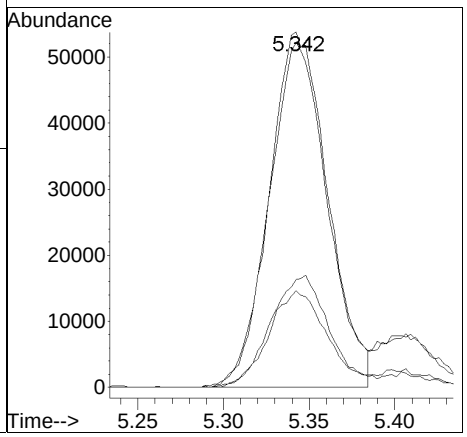


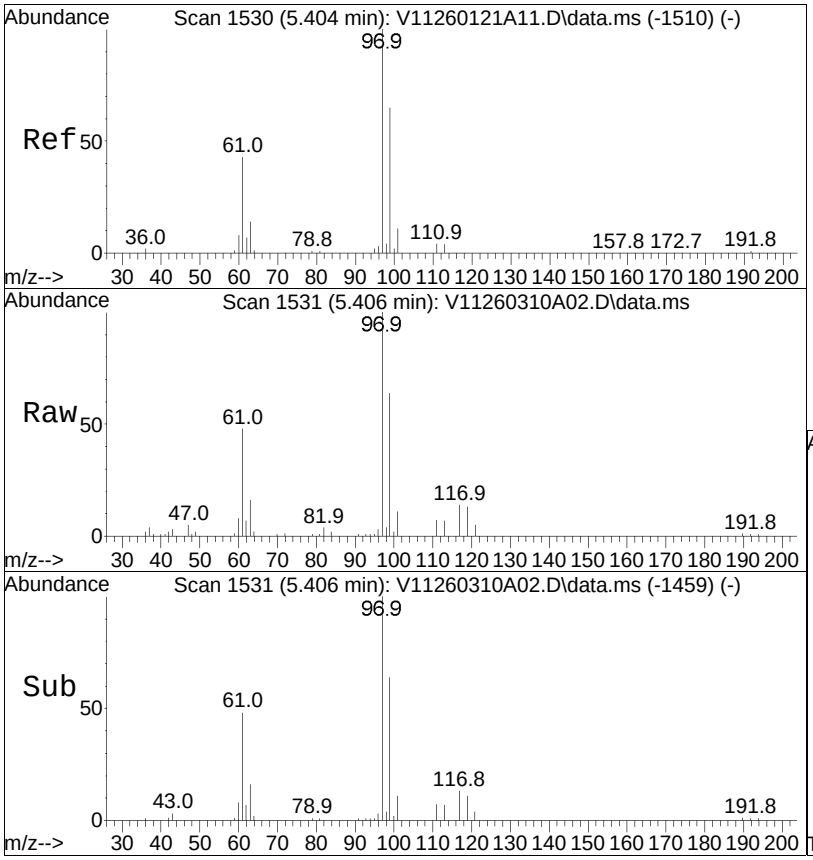


#34
Carbon tetrachloride
Concen: 44.61 ug/L
RT: 5.342 min Scan# 1508
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:117 Resp: 128340

Ion	Ratio	Lower	Upper
117	100		
119	95.9	64.0	132.8
121	31.3	20.7	42.9
82	27.5	16.3	33.8

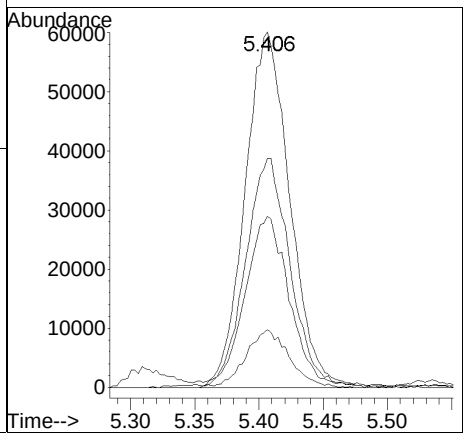


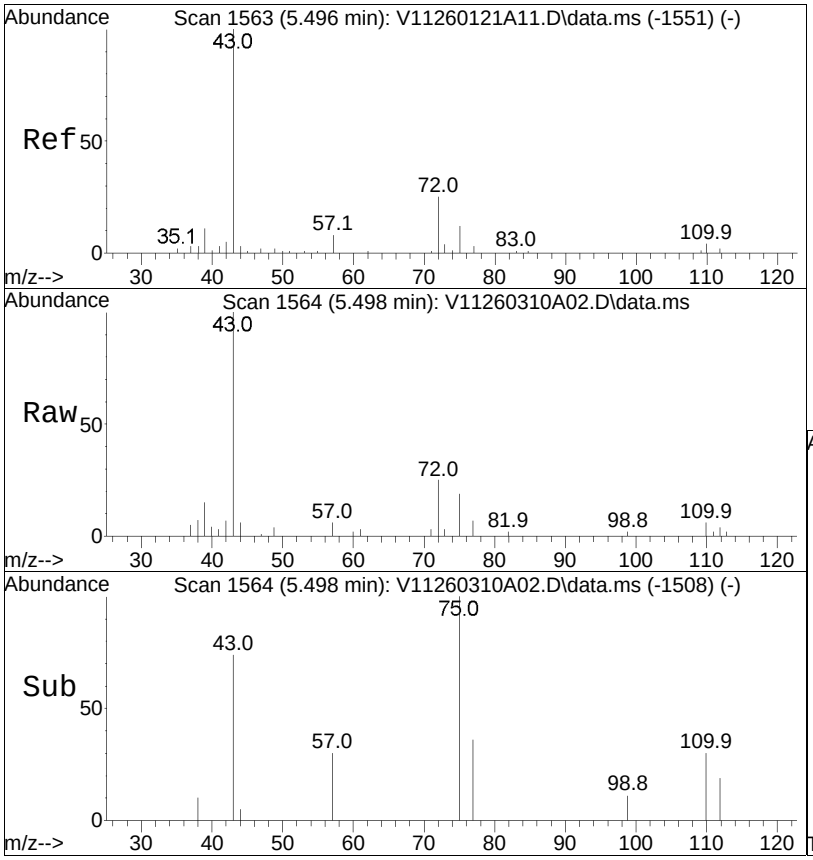


#37
1,1,1-Trichloroethane
Concen: 46.06 ug/L
RT: 5.406 min Scan# 1531
Delta R.T. 0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 97 Resp: 145995

Ion	Ratio	Lower	Upper
97	100		
99	64.0	41.5	86.1
61	47.5	32.2	67.0
63	15.5	10.1	20.9

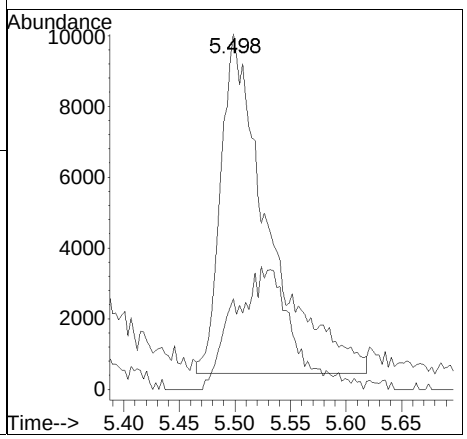


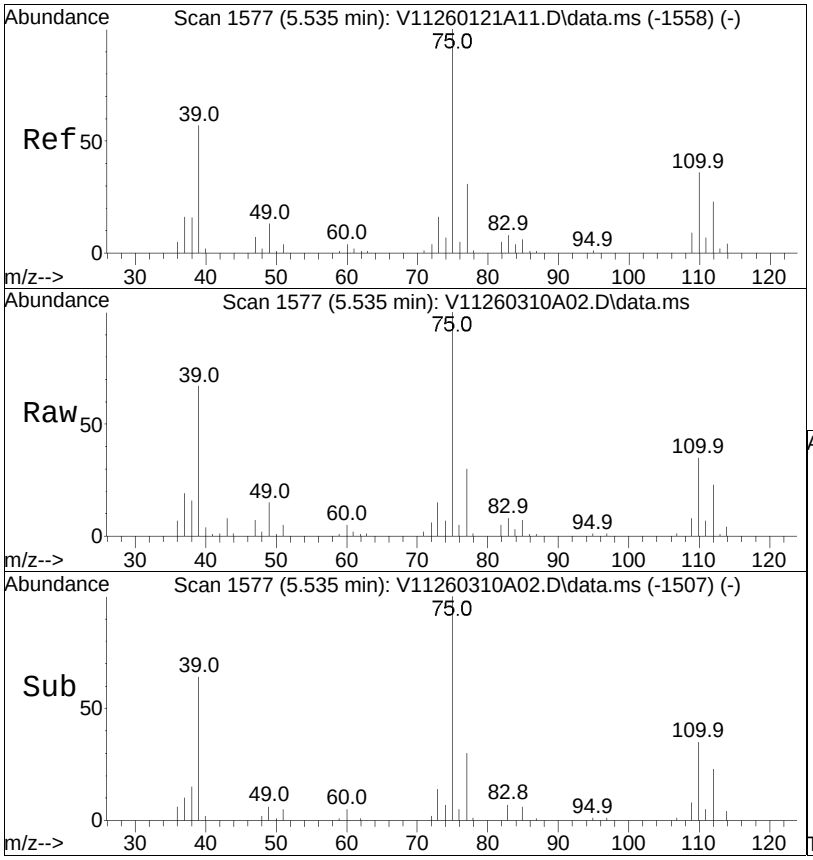


#39
2-Butanone
Concen: 45.78 ug/L M1
RT: 5.498 min Scan# 1564
Delta R.T. -0.045 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 43 Resp: 28541

Ion	Ratio	Lower	Upper
43	100		
72	8.8	21.0	31.6#

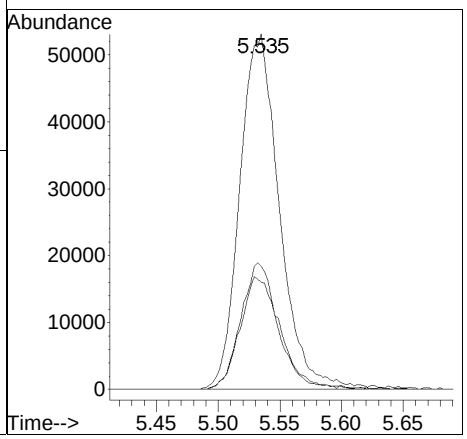


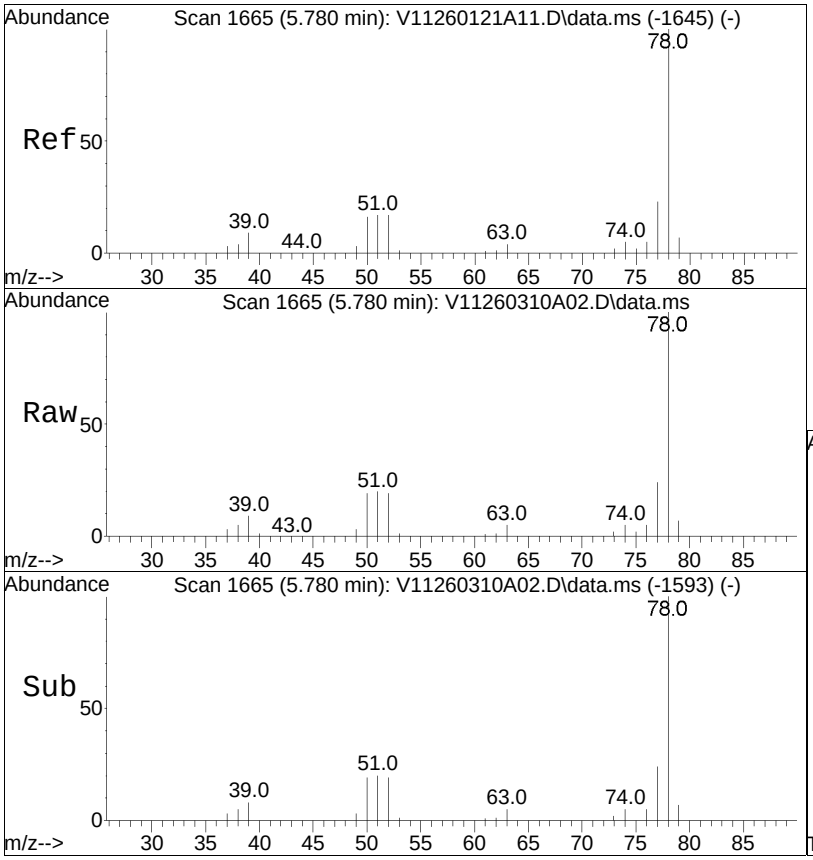


#40
1,1-Dichloropropene
Concen: 47.05 ug/L
RT: 5.535 min Scan# 1577
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 75 Resp: 119175

Ion	Ratio	Lower	Upper
75	100		
110	34.6	23.6	49.0
77	31.2	20.2	41.9

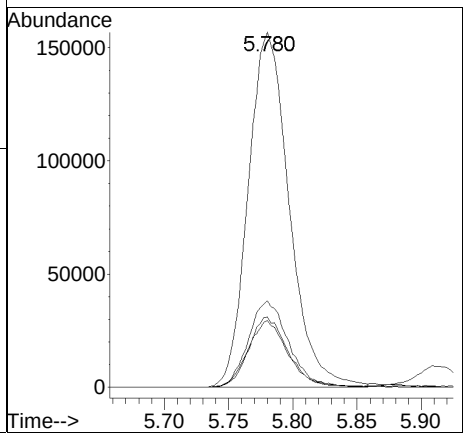


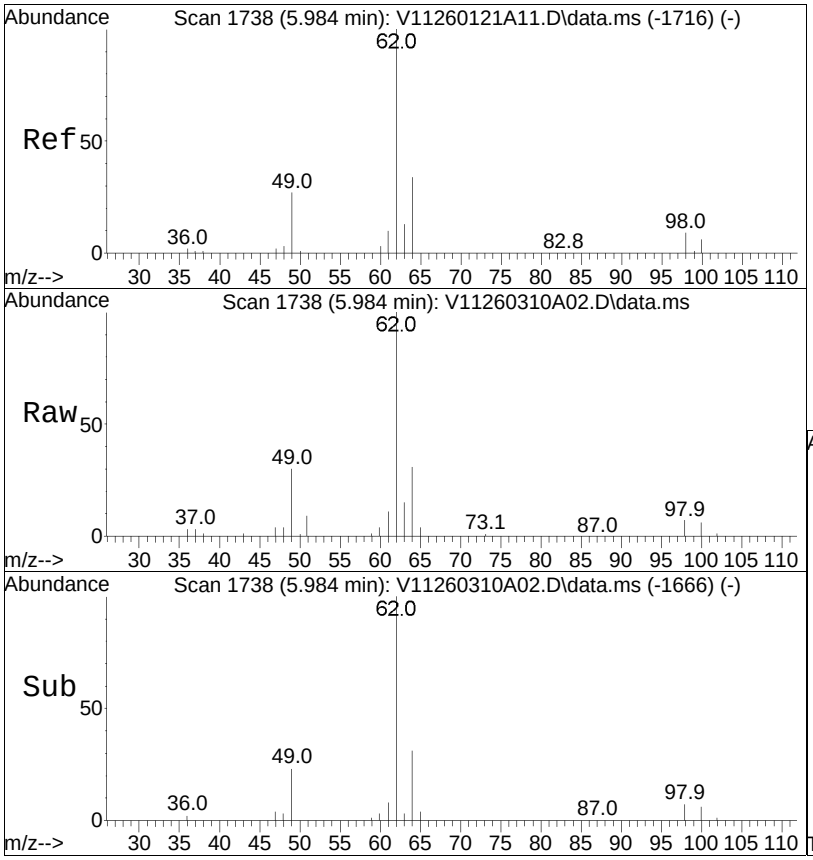


#41
Benzene
Concen: 42.25 ug/L
RT: 5.780 min Scan# 1665
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 78 Resp: 348325

Ion	Ratio	Lower	Upper
78	100		
77	24.1	15.1	31.3
51	19.3	15.8	32.8
52	18.1	15.6	32.4

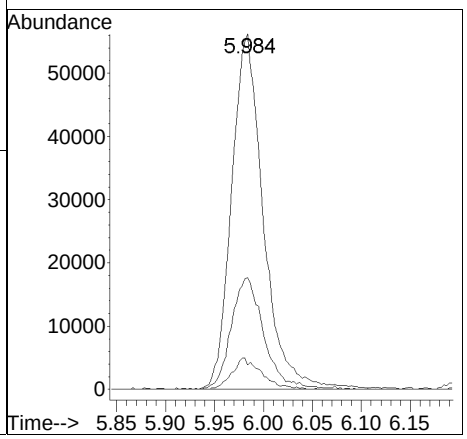


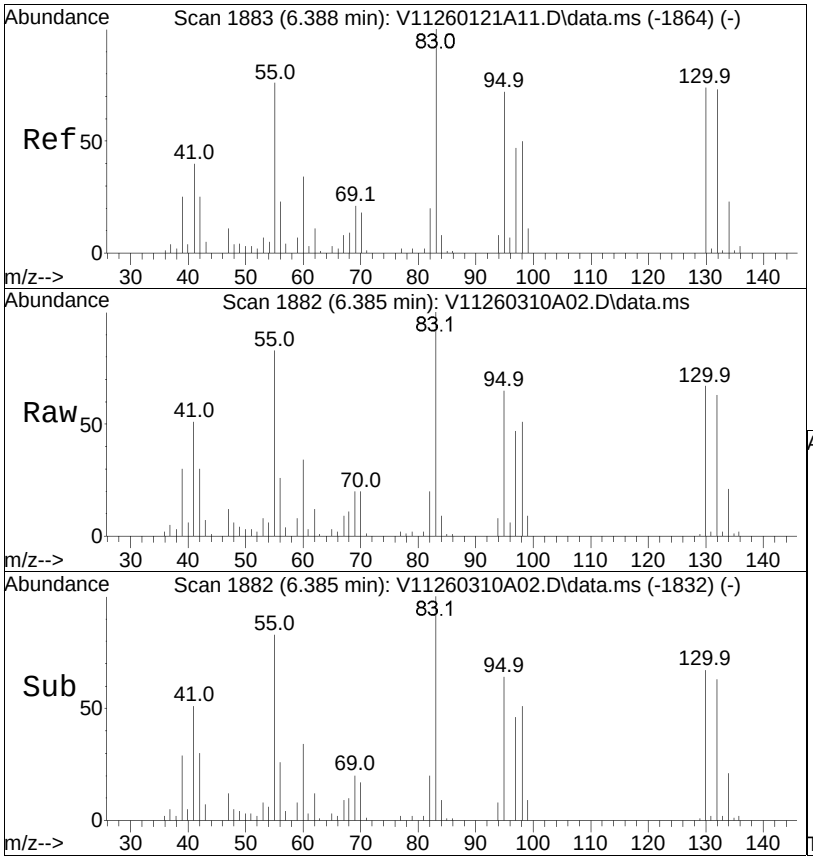


#44
1,2-Dichloroethane
Concen: 44.96 ug/L
RT: 5.984 min Scan# 1738
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 62 Resp: 127178

Ion	Ratio	Lower	Upper
62	100		
64	32.3	11.1	51.1
98	8.2	0.0	28.0

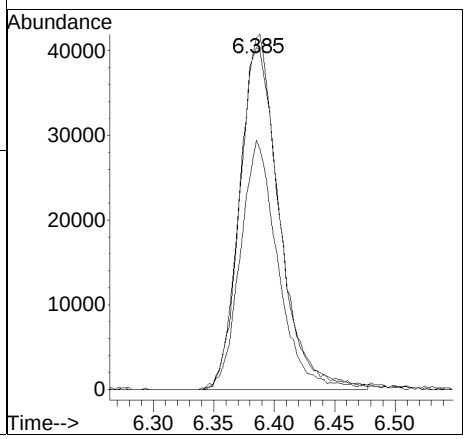


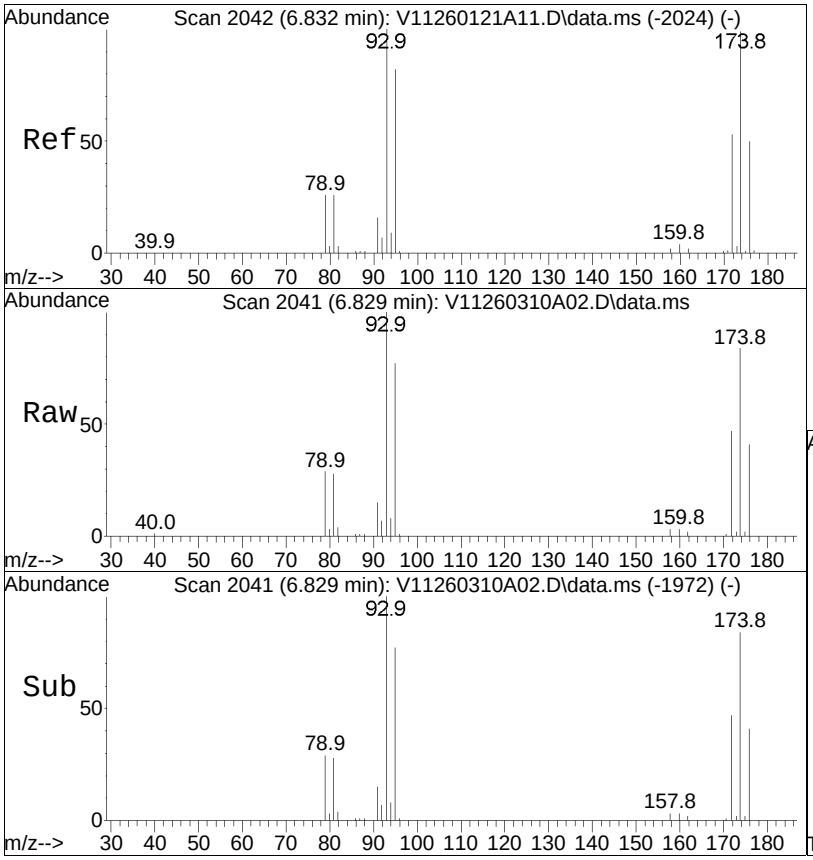


#48
Trichloroethene
Concen: 42.32 ug/L
RT: 6.385 min Scan# 1882
Delta R.T. -0.011 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 95 Resp: 94200

Ion	Ratio	Lower	Upper
95	100		
97	67.8	54.3	81.5
130	98.5	84.6	126.8

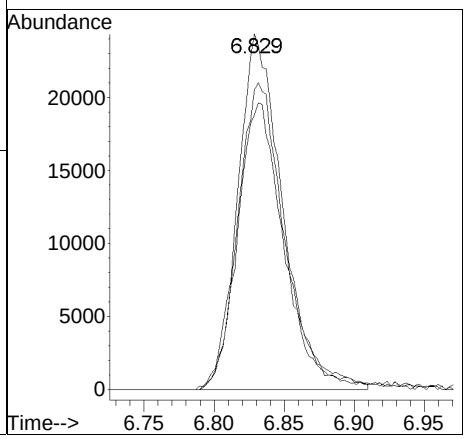


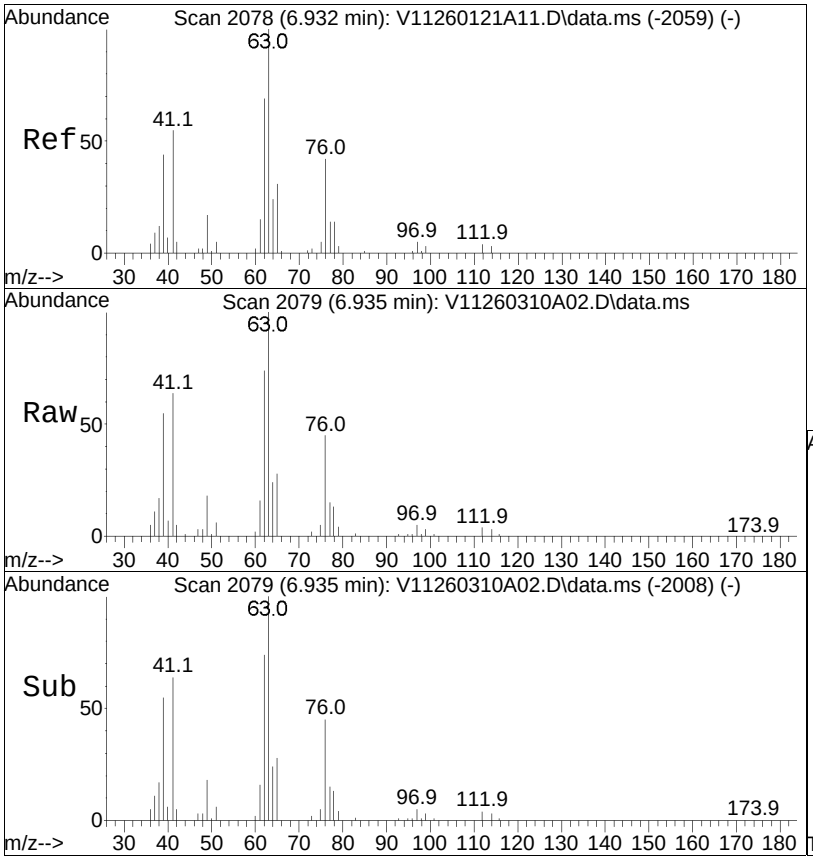


#50
Dibromomethane
Concen: 39.89 ug/L
RT: 6.829 min Scan# 2041
Delta R.T. -0.008 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 93 Resp: 54734

Ion	Ratio	Lower	Upper
93	100		
95	81.8	65.7	98.5
174	87.5	80.2	120.4

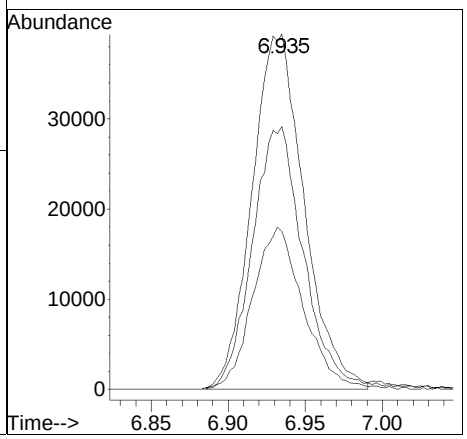


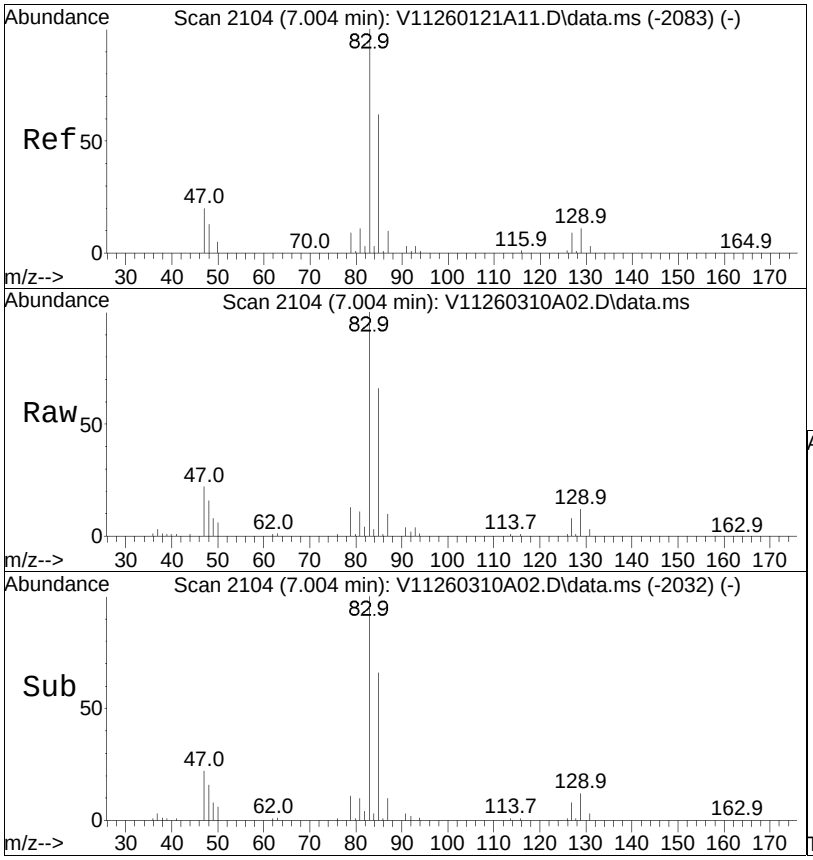


#51
1,2-Dichloropropane
Concen: 42.11 ug/L
RT: 6.935 min Scan# 2079
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 63 Resp: 93061

Ion	Ratio	Lower	Upper
63	100		
62	72.9	57.9	86.9
76	44.4	30.1	45.1

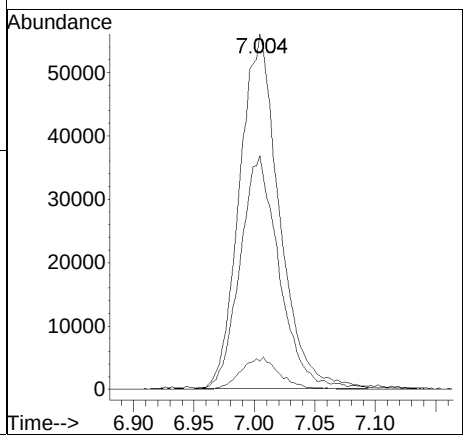


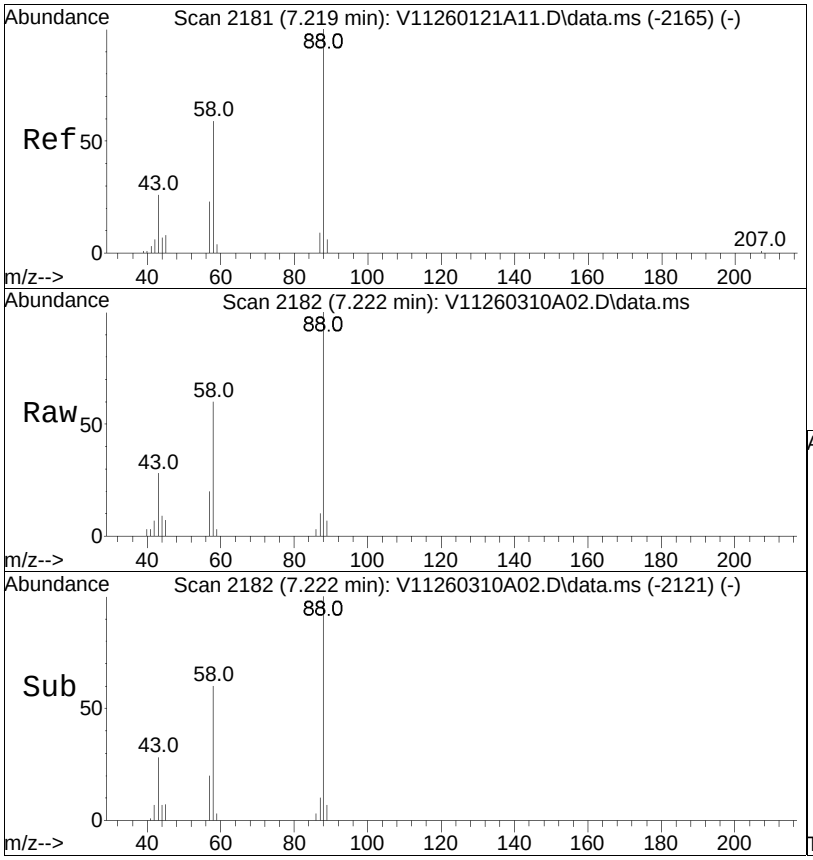


#54
Bromodichloromethane
Concen: 41.38 ug/L
RT: 7.004 min Scan# 2104
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 83 Resp: 127924

Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.6	77.4
127	8.8	7.1	10.7

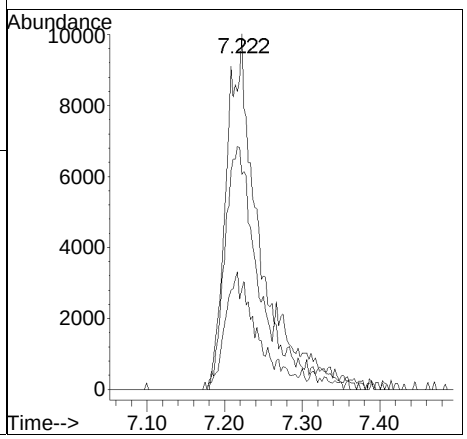


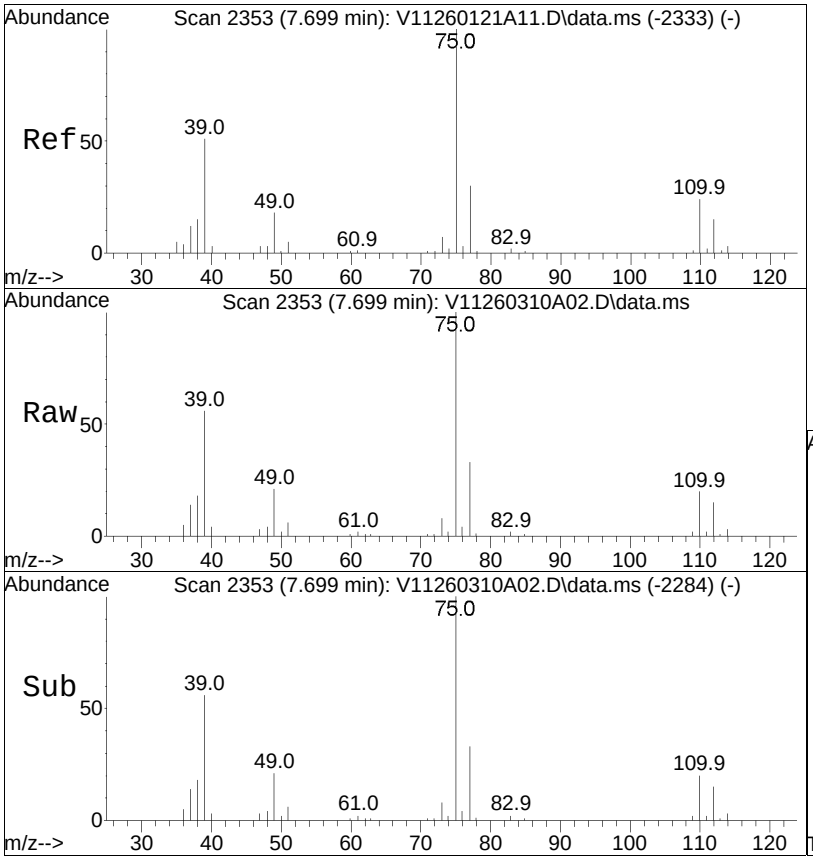


#57
1,4-Dioxane
Concen: 2134.92 ug/L M3
RT: 7.222 min Scan# 2182
Delta R.T. -0.031 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 88 Resp: 30614

Ion	Ratio	Lower	Upper
88	100		
58	59.4	75.4	113.0#
43	26.3	33.5	50.3#

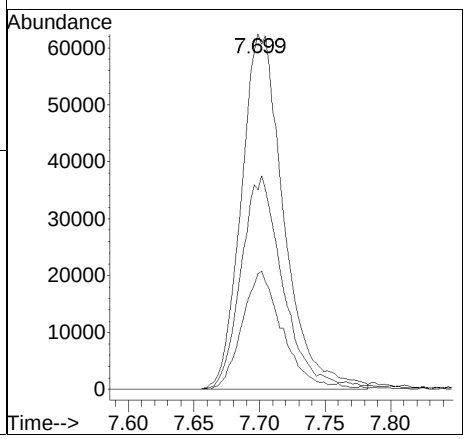


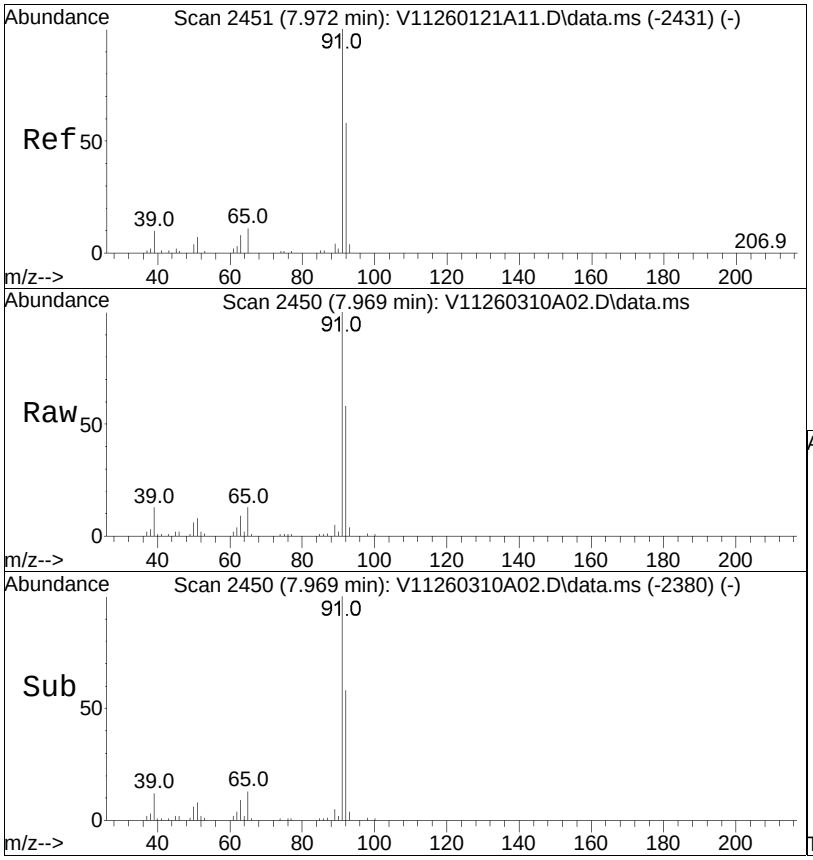


#58
cis-1,3-Dichloropropene
Concen: 39.95 ug/L
RT: 7.699 min Scan# 2353
Delta R.T. -0.008 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 75 Resp: 141248

Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.9	37.3
39	59.6	51.8	77.8

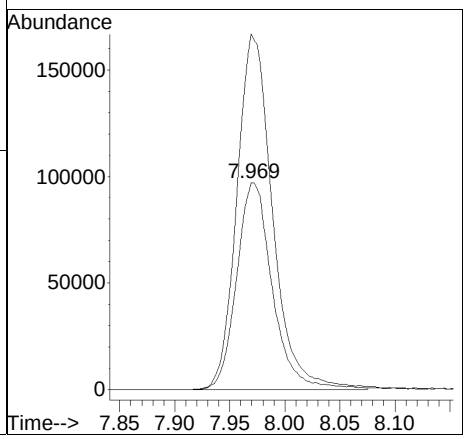


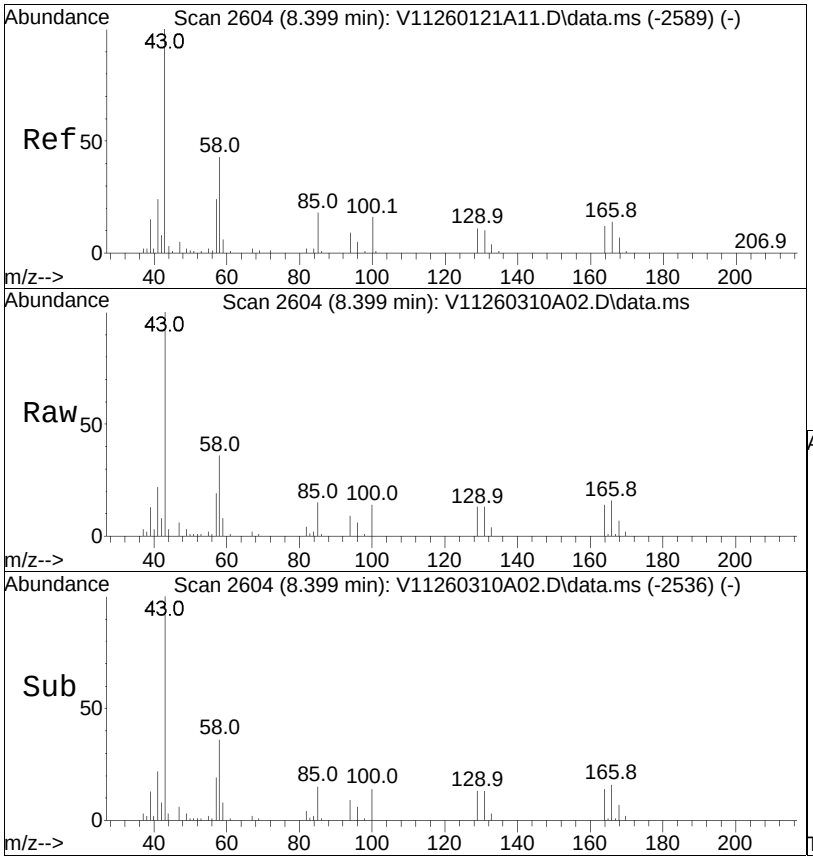


#61
Toluene
Concen: 41.69 ug/L
RT: 7.969 min Scan# 2450
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 92 Resp: 219059

Ion	Ratio	Lower	Upper
92	100		
91	172.1	133.7	200.5

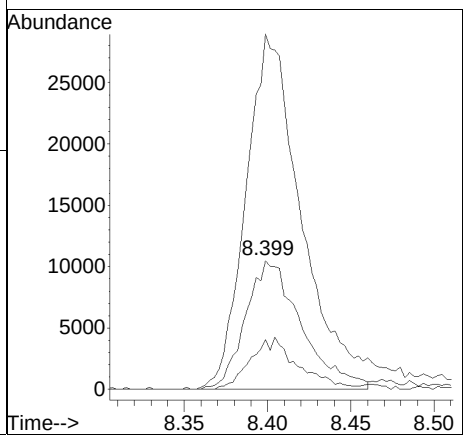


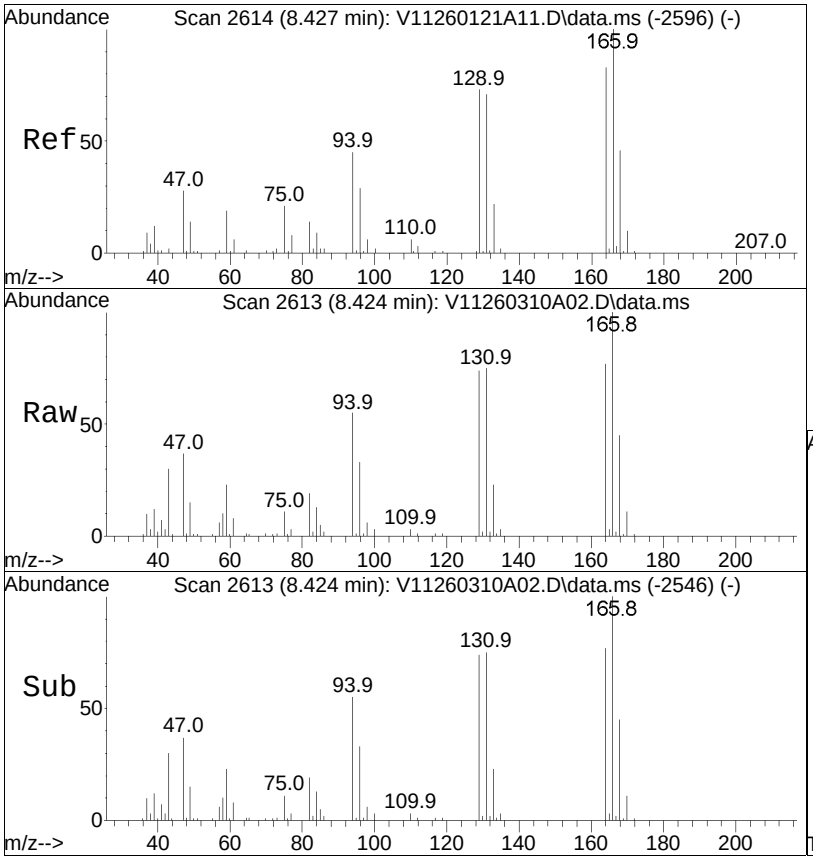


#62
4-Methyl-2-pentanone
Concen: 37.18 ug/L
RT: 8.399 min Scan# 2604
Delta R.T. -0.011 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 58 Resp: 24472

Ion	Ratio	Lower	Upper
58	100		
100	15.4	22.0	33.0#
43	286.3	236.9	355.3

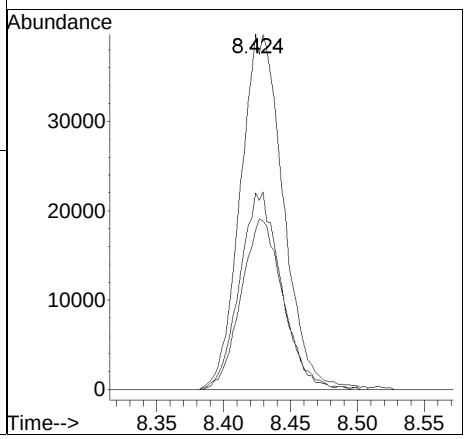


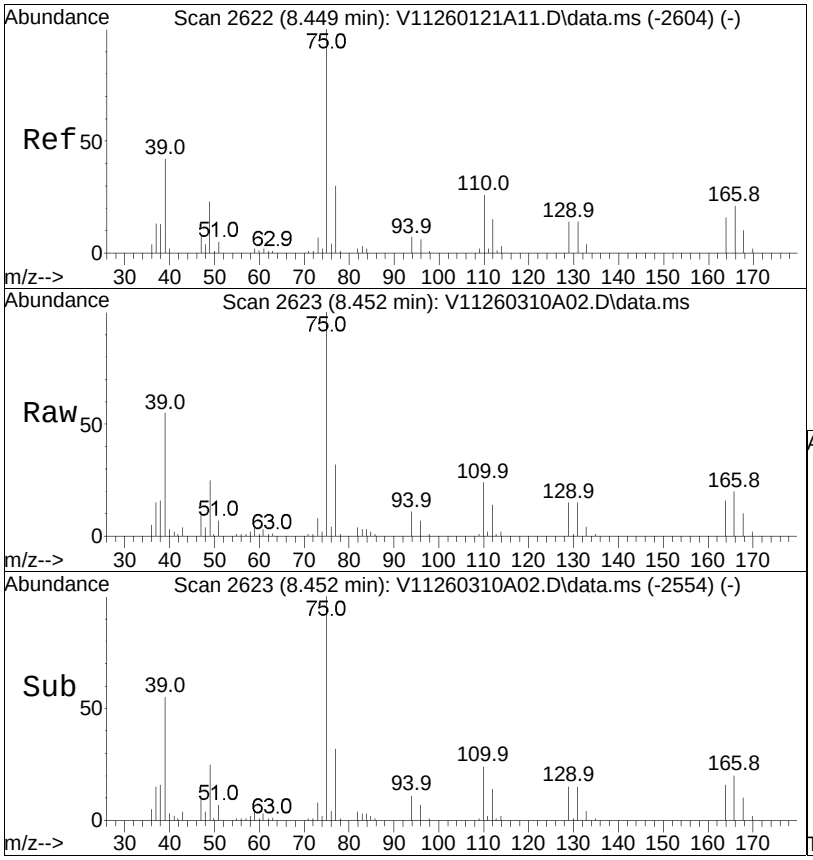


#63
Tetrachloroethene
Concen: 42.15 ug/L
RT: 8.424 min Scan# 2613
Delta R.T. -0.014 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:166 Resp: 88867

Ion	Ratio	Lower	Upper
166	100		
168	46.9	28.2	68.2
94	53.9	26.3	66.3

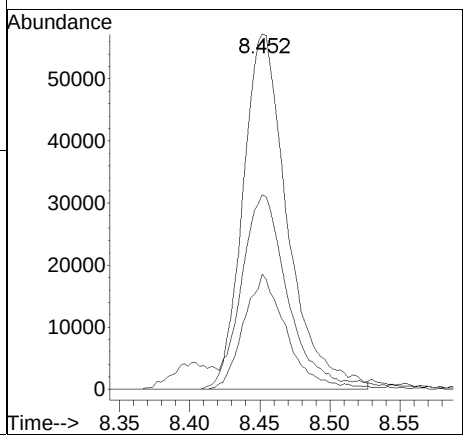


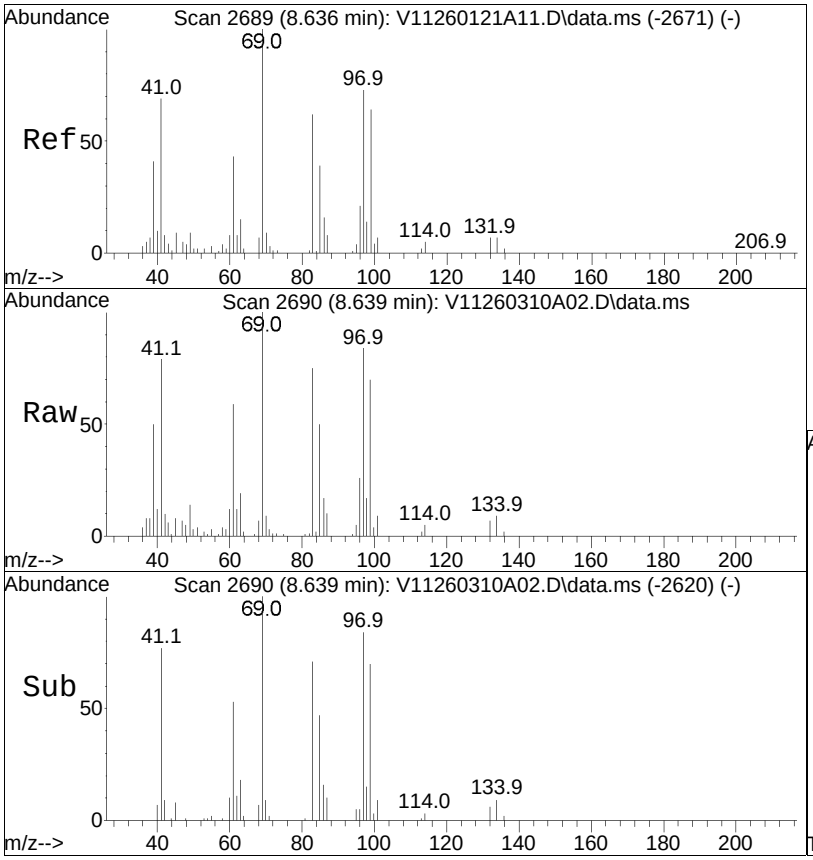


#65
trans-1,3-Dichloropropene
Concen: 40.43 ug/L
RT: 8.452 min Scan# 2623
Delta R.T. -0.008 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 75 Resp: 126793

Ion	Ratio	Lower	Upper
75	100		
77	30.7	11.4	51.4
39	52.1	50.3	90.3

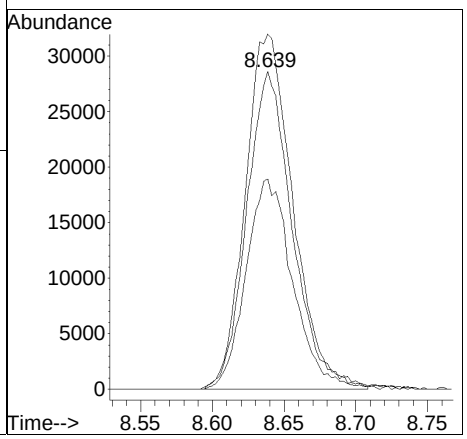


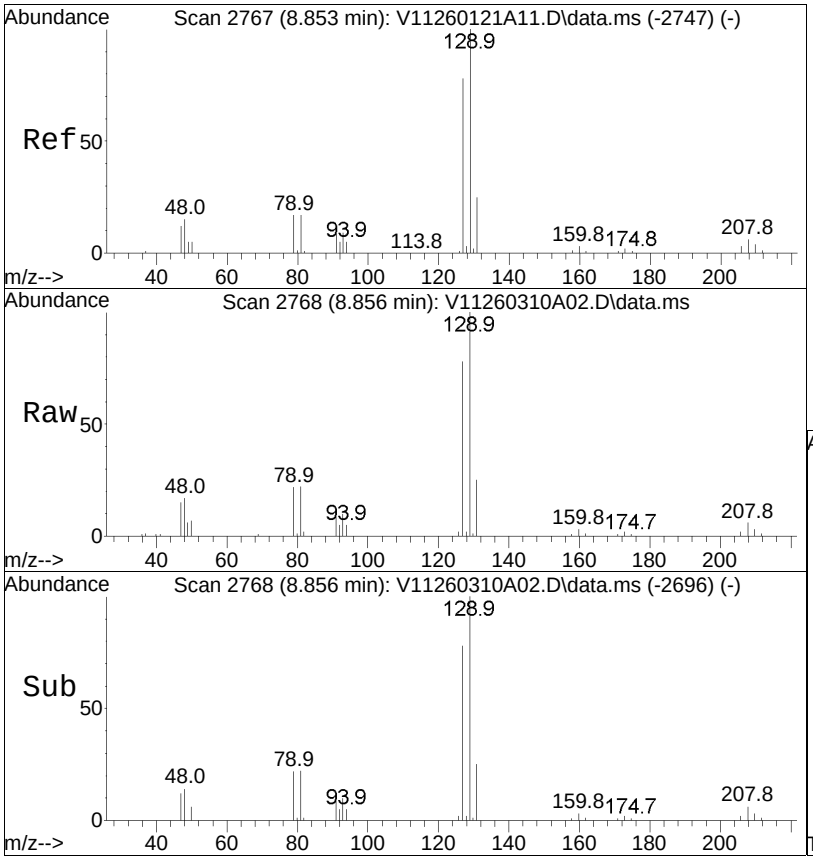


#68
1,1,2-Trichloroethane
Concen: 40.23 ug/L
RT: 8.639 min Scan# 2690
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 83 Resp: 63552

Ion	Ratio	Lower	Upper
83	100		
97	117.6	97.6	137.6
85	68.0	46.8	86.8

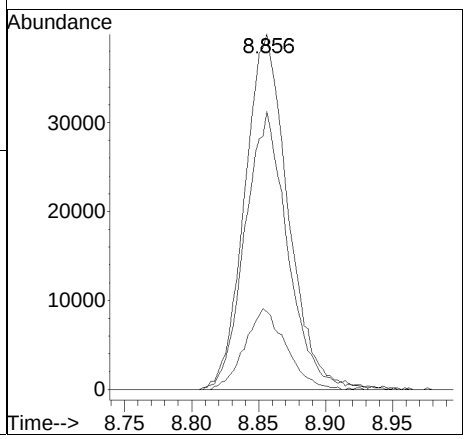


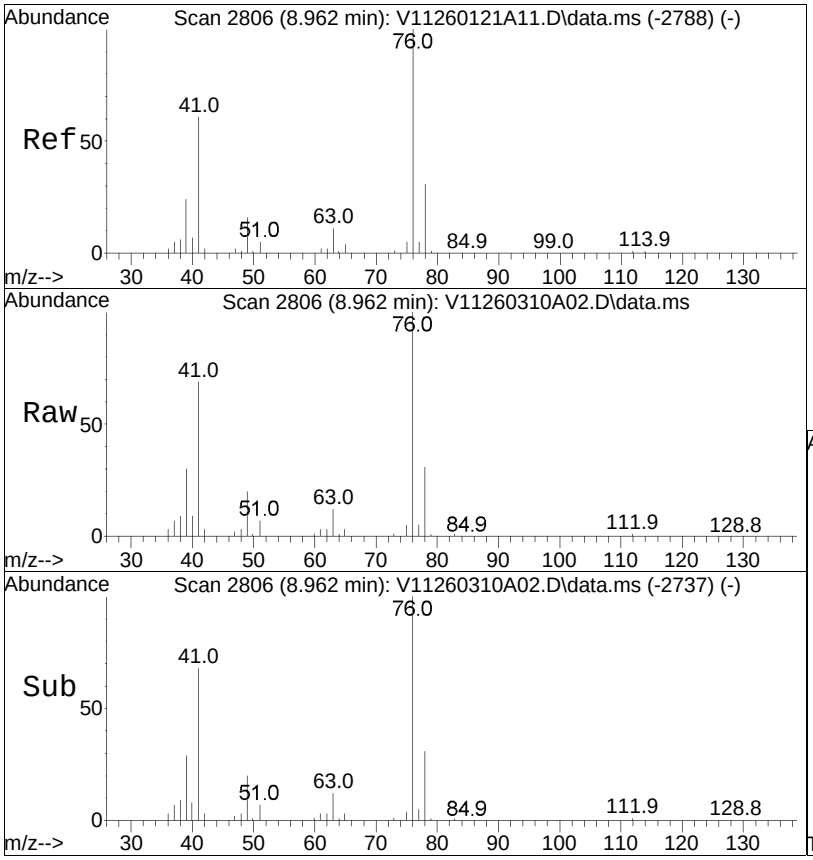


#69
Chlorodibromomethane
Concen: 38.64 ug/L
RT: 8.856 min Scan# 2768
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:129 Resp: 89562

Ion	Ratio	Lower	Upper
129	100		
81	21.8	0.0	36.0
127	77.2	56.0	96.0

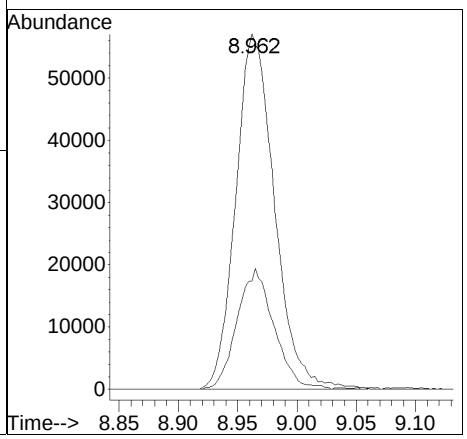


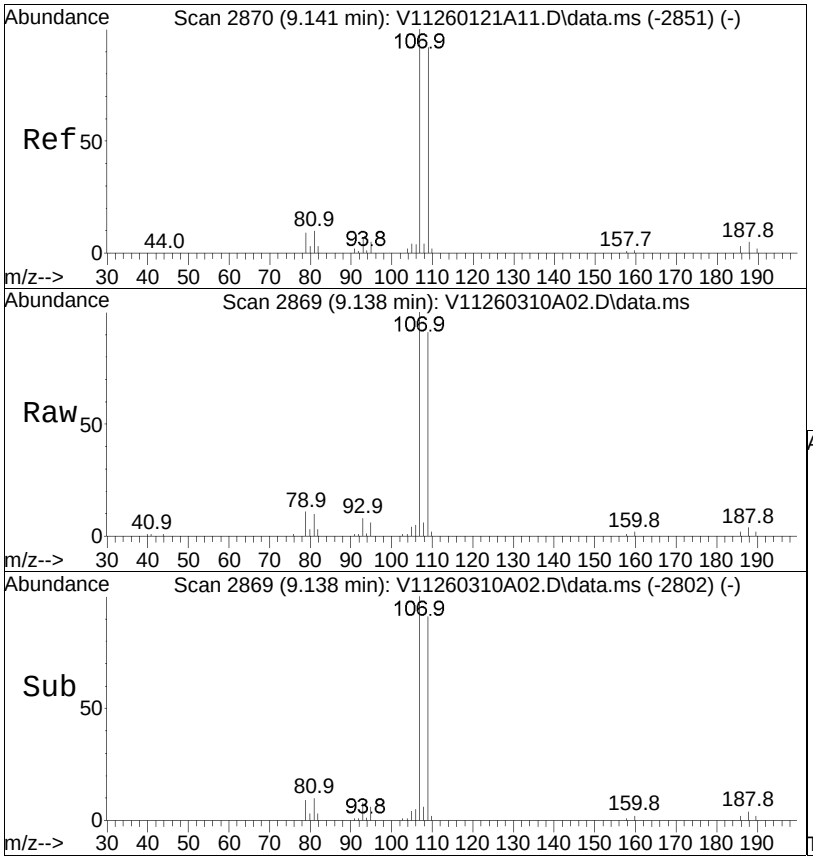


#70
1,3-Dichloropropane
Concen: 41.56 ug/L
RT: 8.962 min Scan# 2806
Delta R.T. -0.008 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 76 Resp: 129962

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

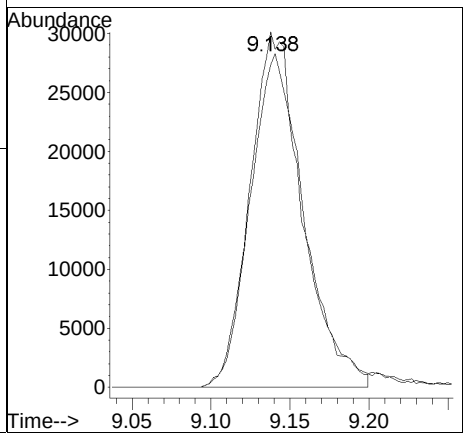


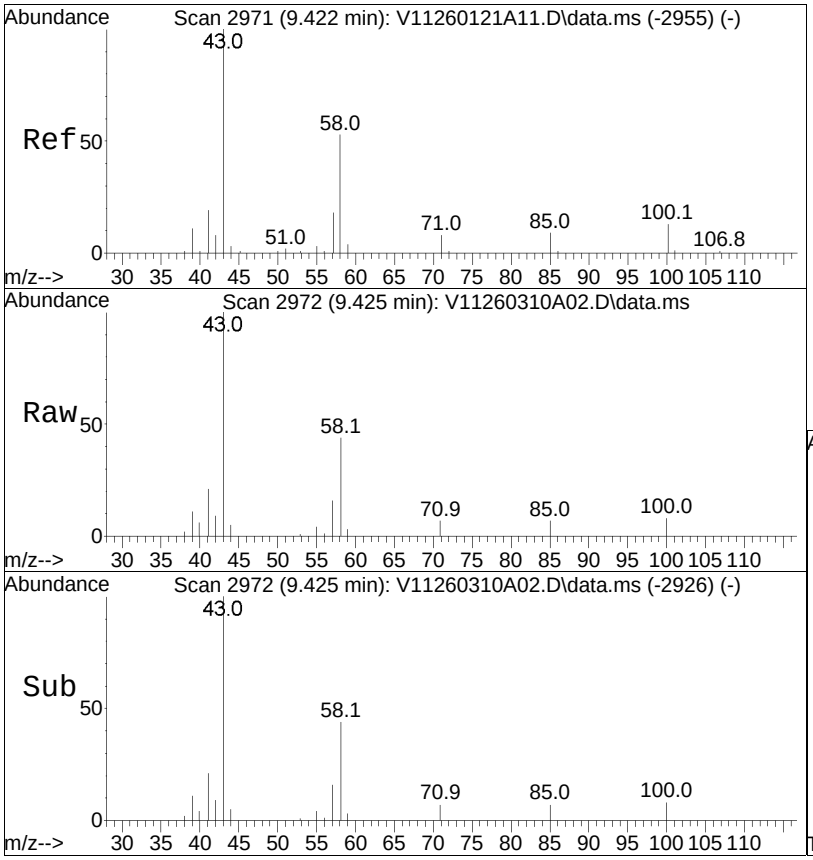


#71
1,2-Dibromoethane
Concen: 40.27 ug/L
RT: 9.138 min Scan# 2869
Delta R.T. -0.014 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:107 Resp: 70899

Ion	Ratio	Lower	Upper
107	100		
109	93.6	76.2	114.4

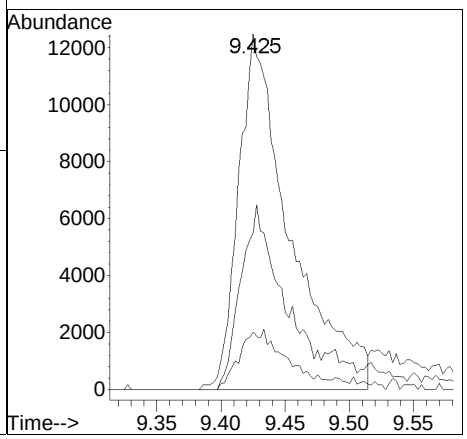


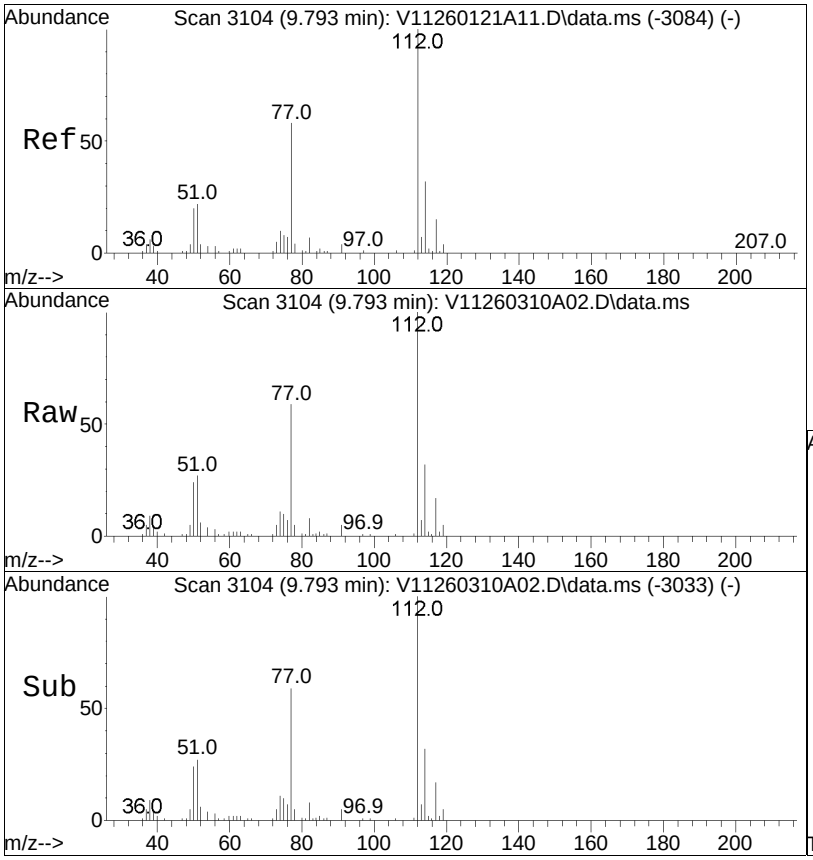


#72
2-Hexanone
Concen: 36.56 ug/L
RT: 9.425 min Scan# 2972
Delta R.T. -0.073 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 43 Resp: 35074

Ion	Ratio	Lower	Upper
43	100		
58	42.5	37.9	56.9
57	14.5	12.6	19.0

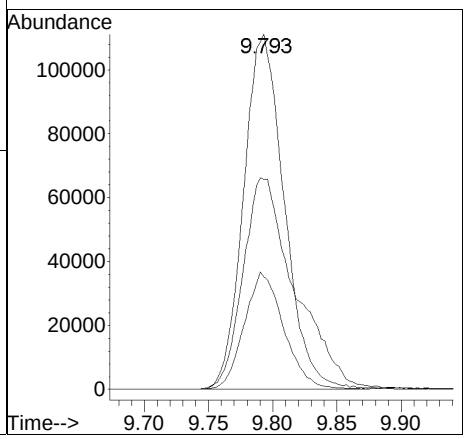


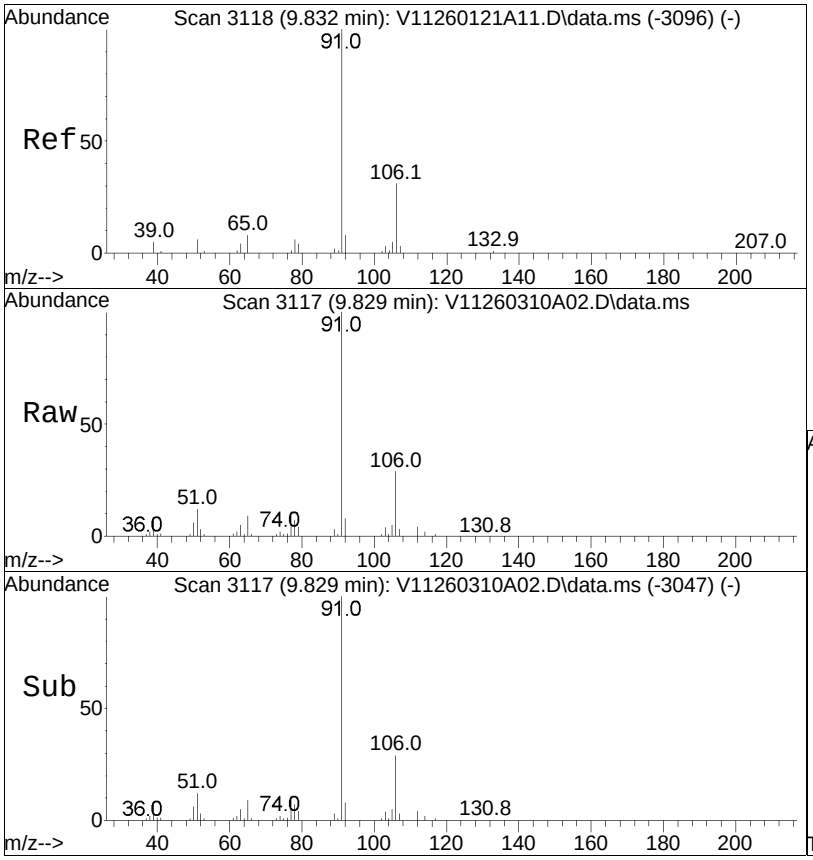


#73
Chlorobenzene
Concen: 40.46 ug/L
RT: 9.793 min Scan# 3104
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:112 Resp: 244769

Ion	Ratio	Lower	Upper
112	100		
77	76.4	47.0	70.4#
114	32.1	25.9	38.9

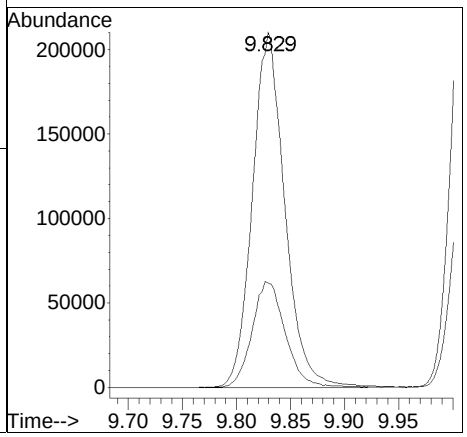


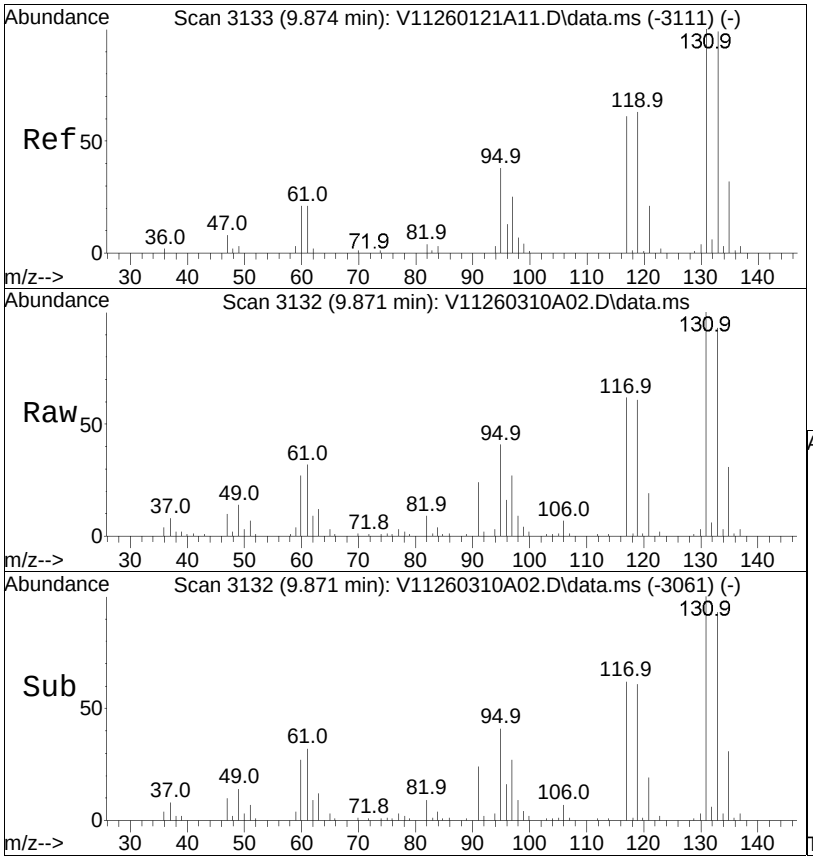


#74
Ethylbenzene
Concen: 43.25 ug/L
RT: 9.829 min Scan# 3117
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 91 Resp: 437170

Ion	Ratio	Lower	Upper
91	100		
106	30.6	25.0	37.4

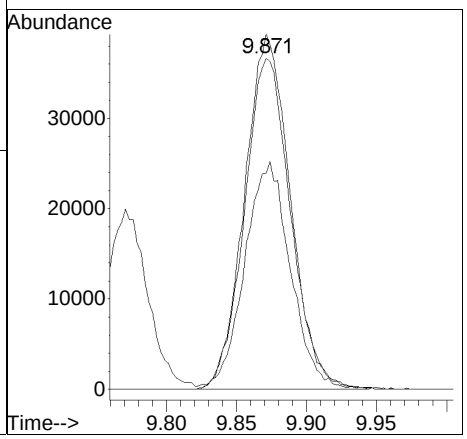


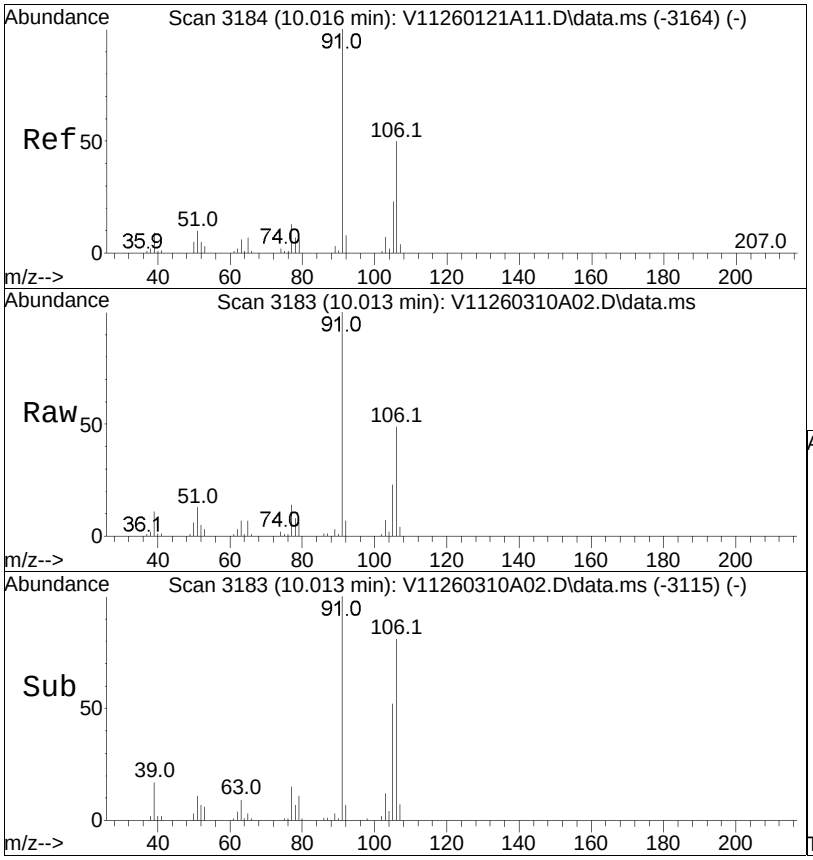


#75
1,1,1,2-Tetrachloroethane
Concen: 38.68 ug/L
RT: 9.871 min Scan# 3132
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:131 Resp: 89358

Ion	Ratio	Lower	Upper
131	100		
133	94.3	75.2	115.2
119	62.8	44.7	84.7

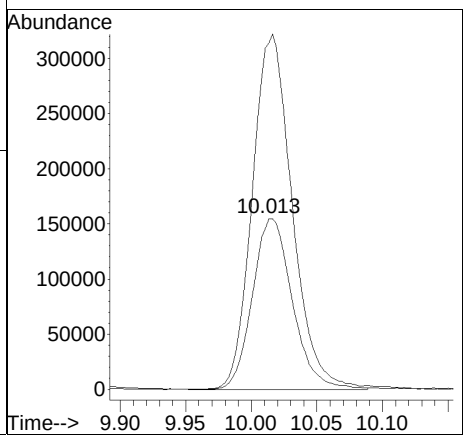


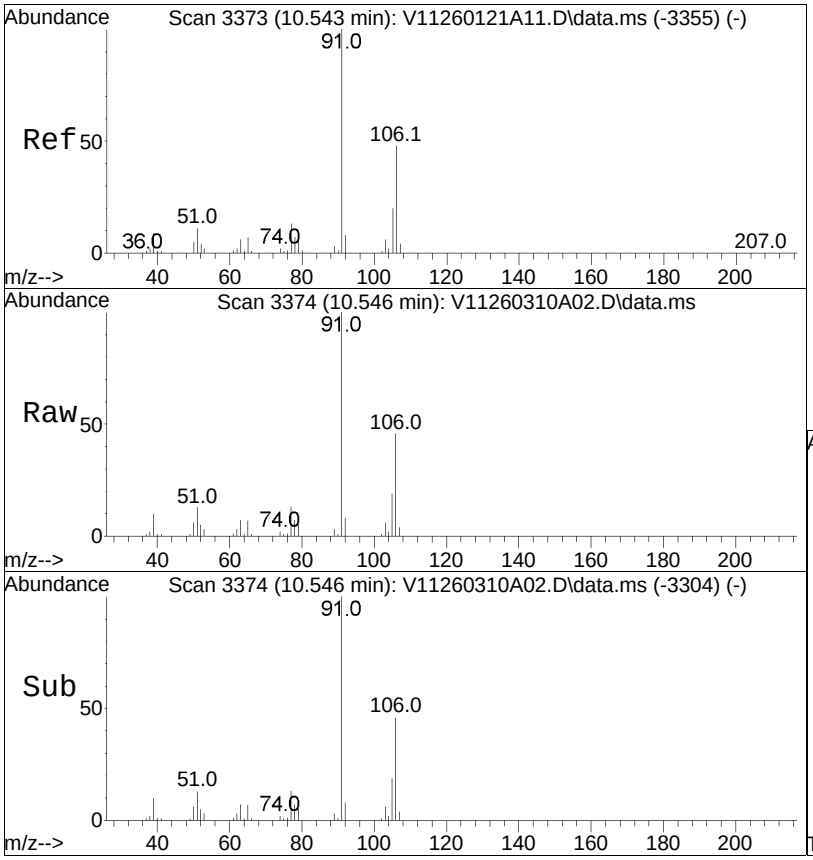


#76
p/m Xylene
Concen: 86.06 ug/L
RT: 10.013 min Scan# 3183
Delta R.T. -0.011 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:106 Resp: 328488

Ion	Ratio	Lower	Upper
106	100		
91	206.1	159.3	238.9

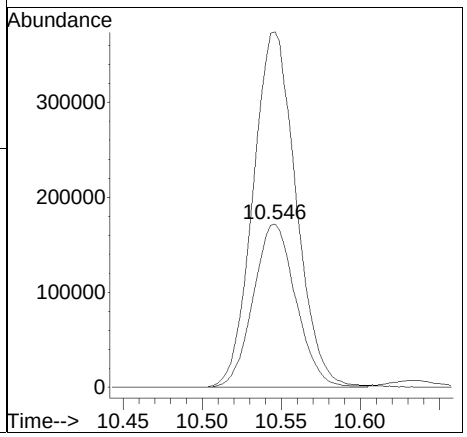


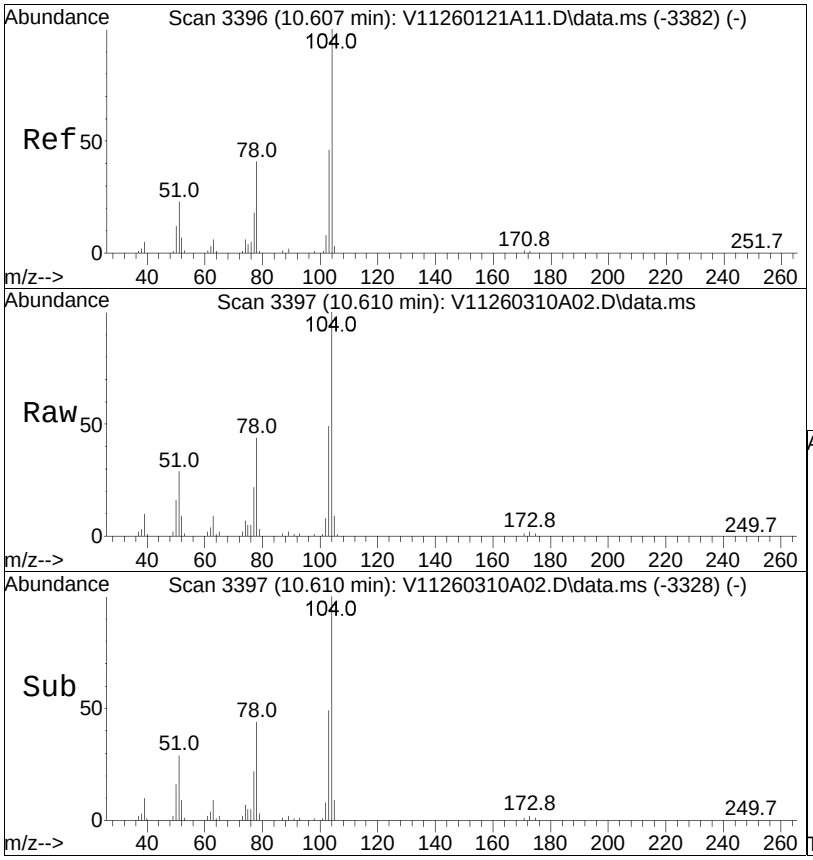


#77
o Xylene
Concen: 83.04 ug/L
RT: 10.546 min Scan# 3374
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:106 Resp: 323477

Ion	Ratio	Lower	Upper
106	100		
91	219.0	170.2	255.2

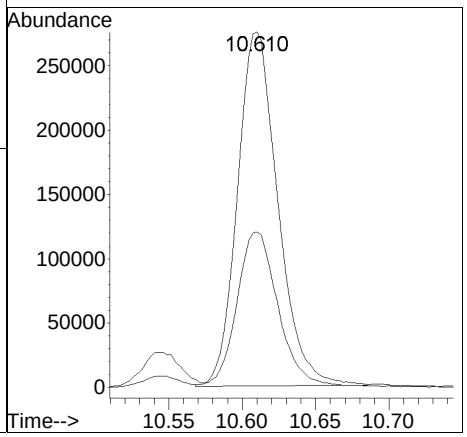


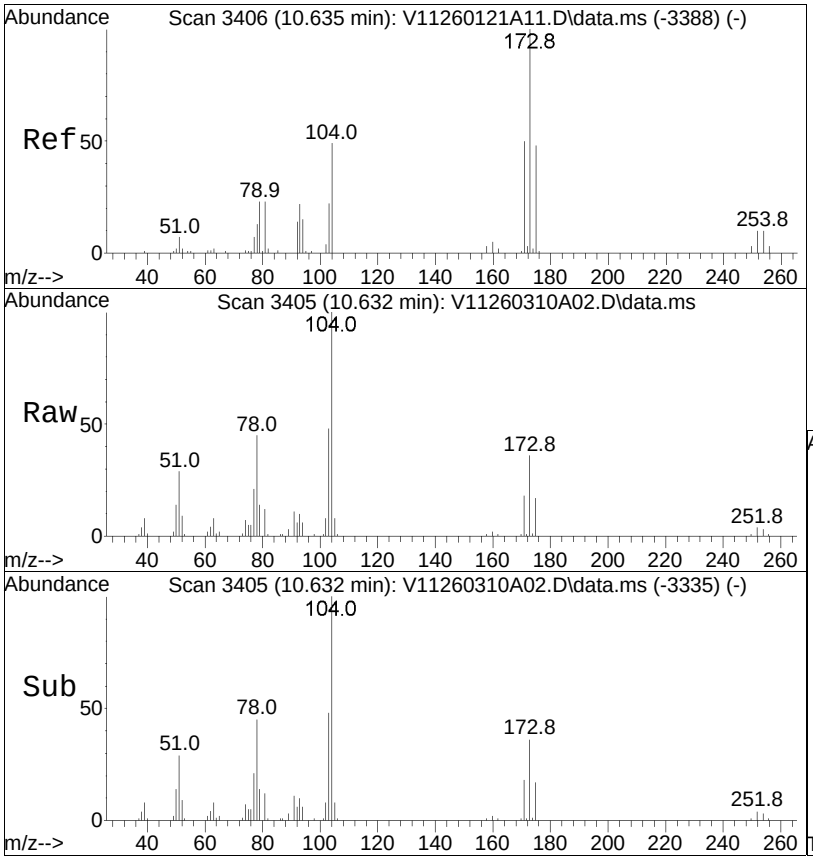


#78
Styrene
Concen: 80.70 ug/L
RT: 10.610 min Scan# 3397
Delta R.T. -0.008 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:104 Resp: 526781

Ion	Ratio	Lower	Upper
104	100		
78	43.7	34.4	51.6

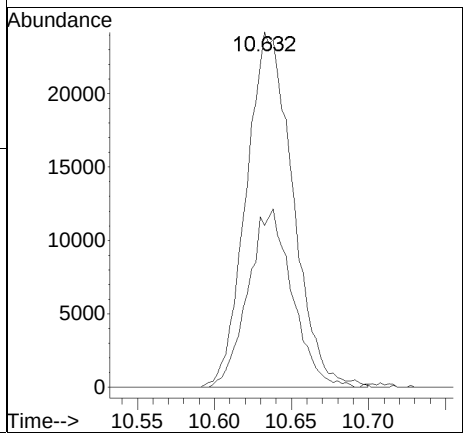


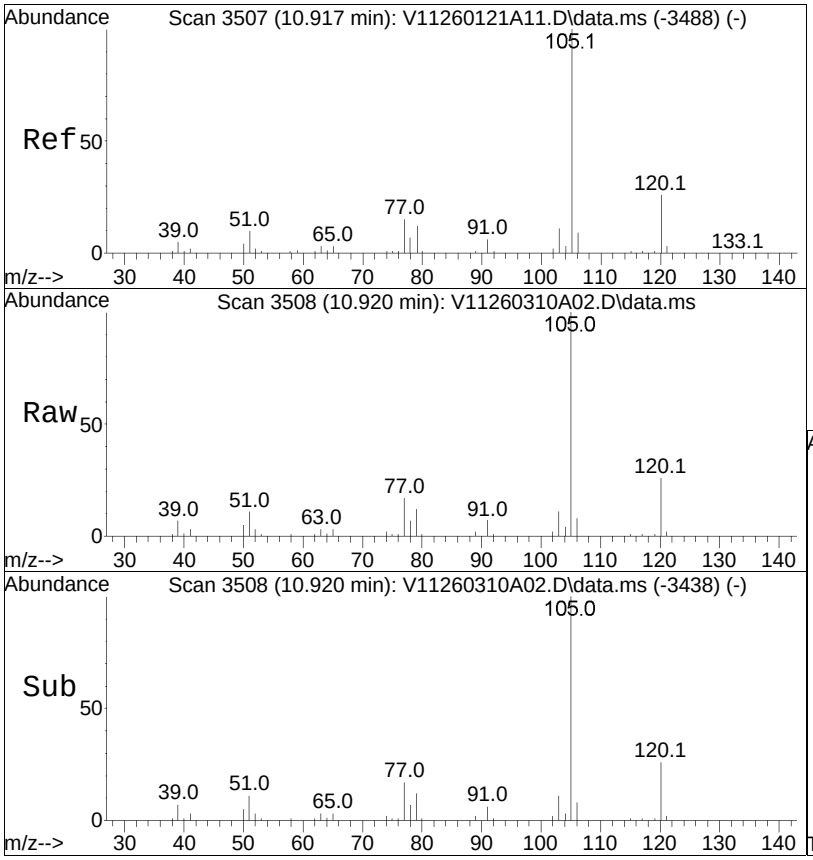


#80
Bromoform
Concen: 35.34 ug/L
RT: 10.632 min Scan# 3405
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:173 Resp: 50950

Ion	Ratio	Lower	Upper
173	100		
175	47.6	28.1	68.1

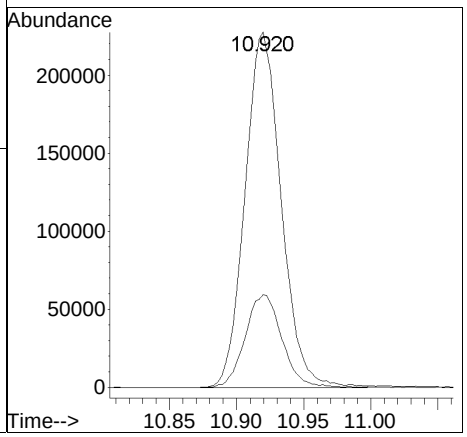


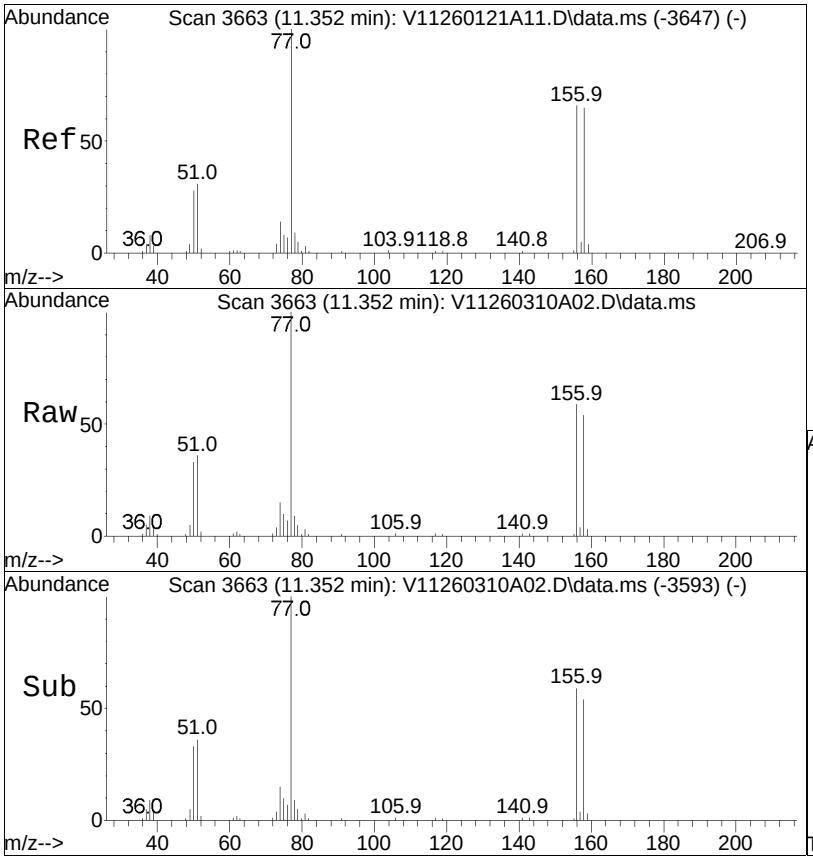


#82
Isopropylbenzene
Concen: 44.39 ug/L
RT: 10.920 min Scan# 3508
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:105 Resp: 426921

Ion	Ratio	Lower	Upper
105	100		
120	26.4	6.9	46.9

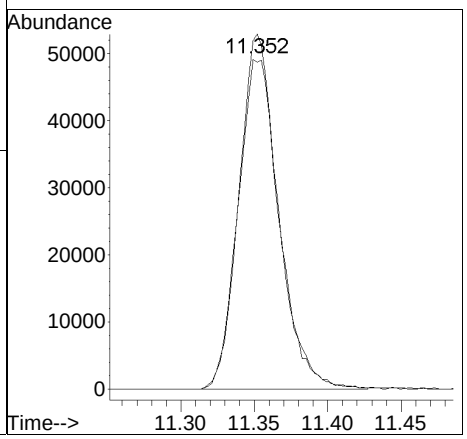


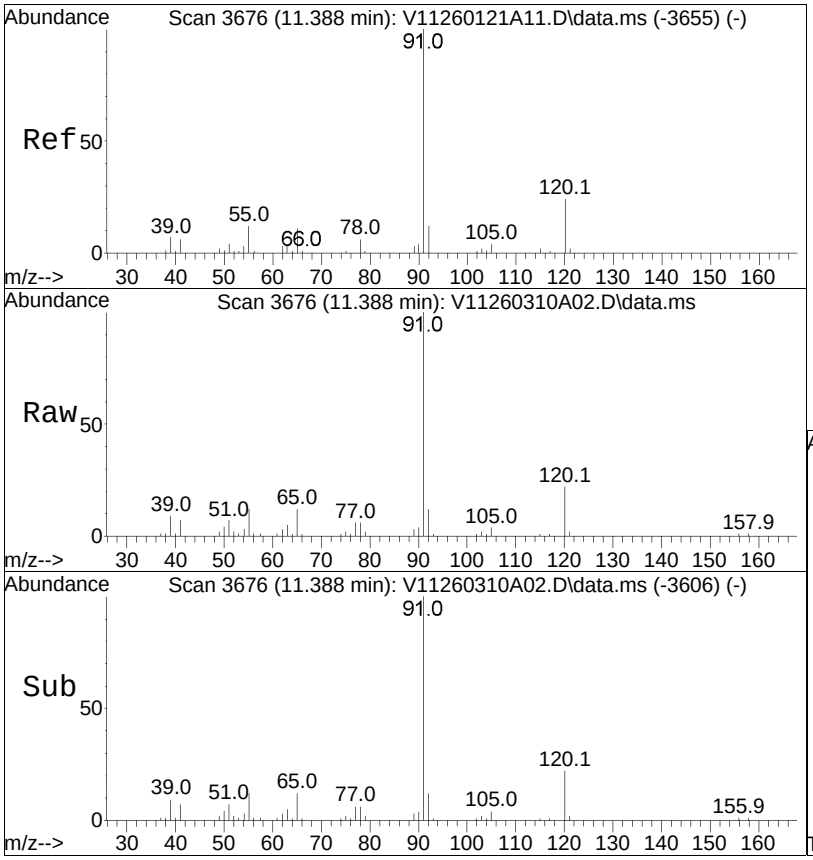


#84
Bromobenzene
Concen: 38.55 ug/L
RT: 11.352 min Scan# 3663
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:156 Resp: 99555

Ion	Ratio	Lower	Upper
156	100		
158	95.9	77.5	116.3

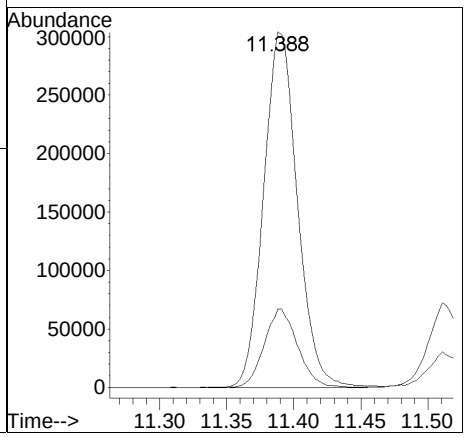


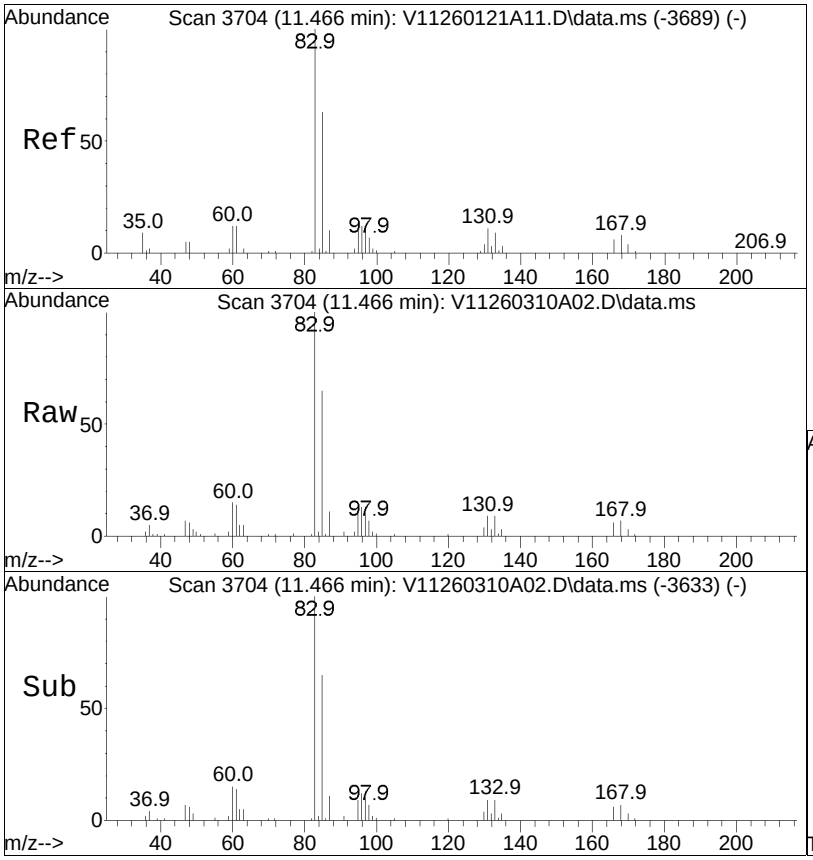


#85
n-Propylbenzene
Concen: 47.40 ug/L
RT: 11.388 min Scan# 3676
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 91 Resp: 533030

Ion	Ratio	Lower	Upper
91	100		
120	21.7	18.6	27.8

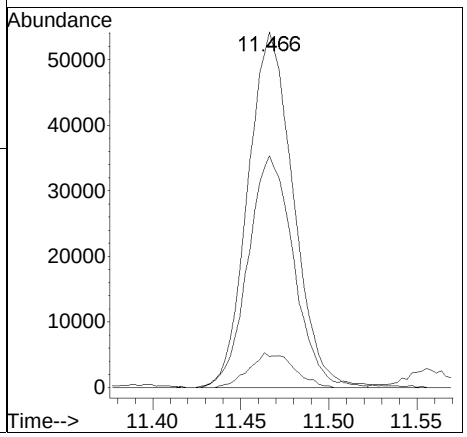


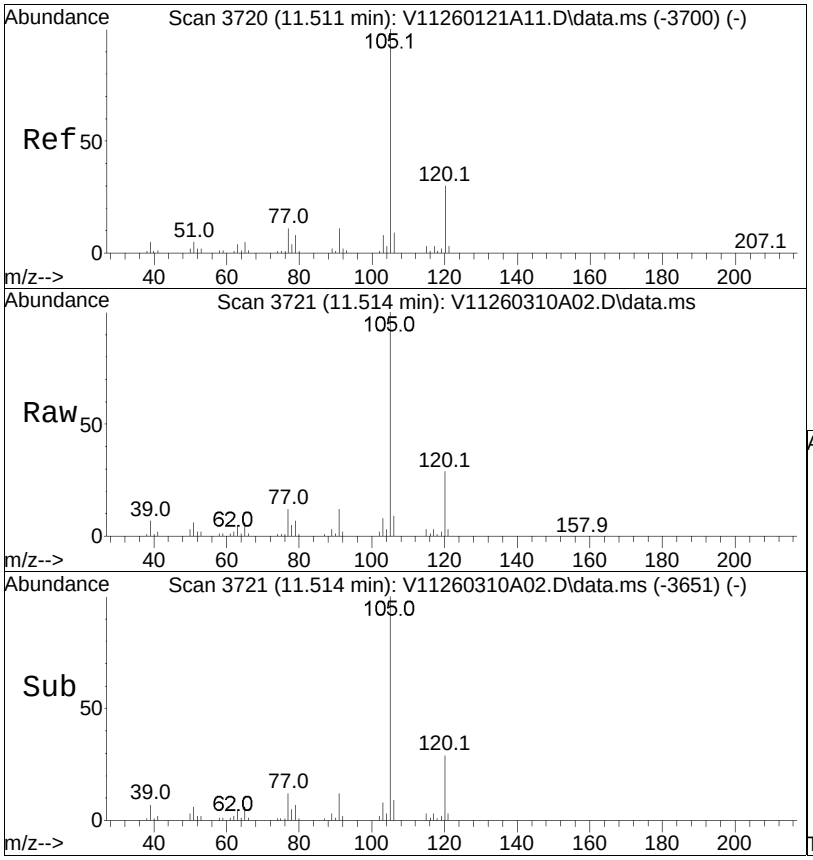


#87
1,1,2,2-Tetrachloroethane
Concen: 41.89 ug/L
RT: 11.466 min Scan# 3704
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 83 Resp: 96861

Ion	Ratio	Lower	Upper
83	100		
131	9.6	0.0	30.1
85	66.2	45.8	85.8

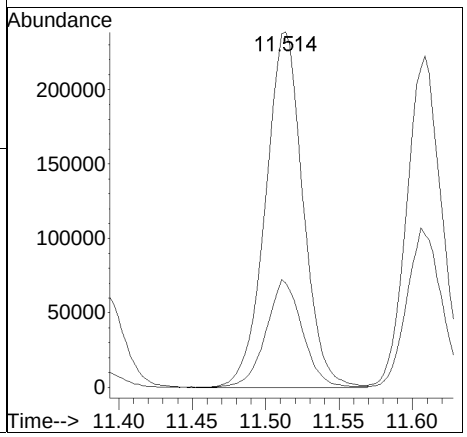


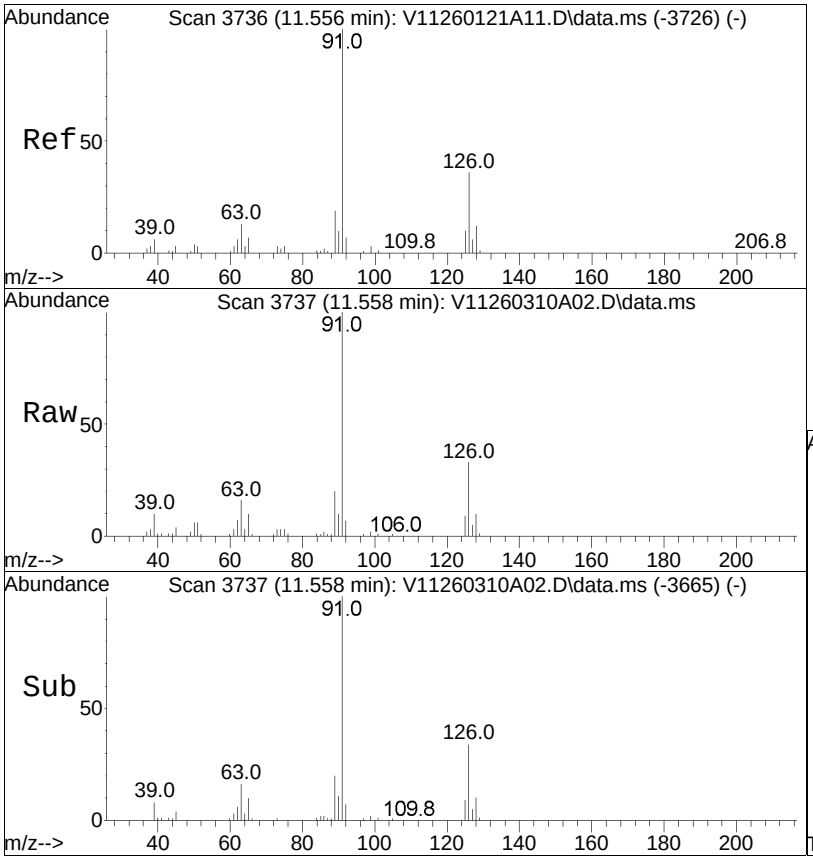


#88
4-Ethyltoluene
Concen: 44.79 ug/L
RT: 11.514 min Scan# 3721
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:105 Resp: 424856

Ion	Ratio	Lower	Upper
105	100		
120	29.1	19.5	40.5

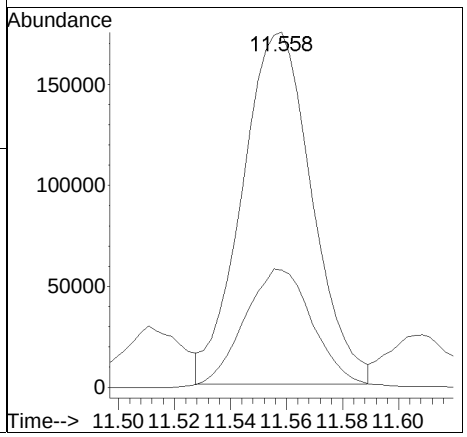


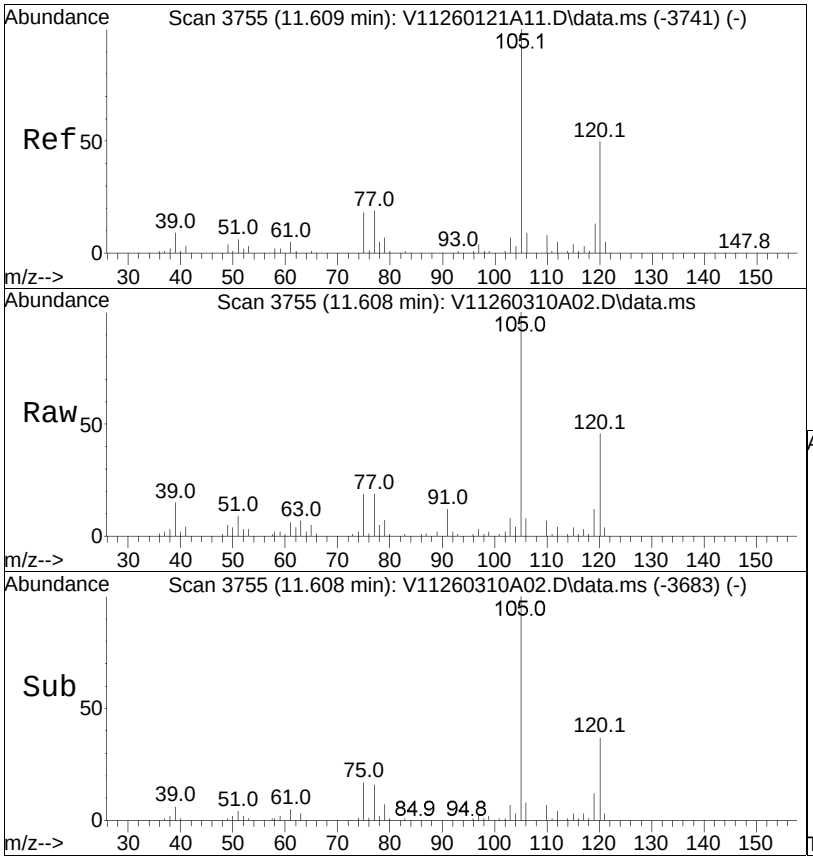


#89
2-Chlorotoluene
Concen: 44.04 ug/L
RT: 11.558 min Scan# 3737
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 91 Resp: 301750

Ion	Ratio	Lower	Upper
91	100		
126	33.5	24.3	36.5

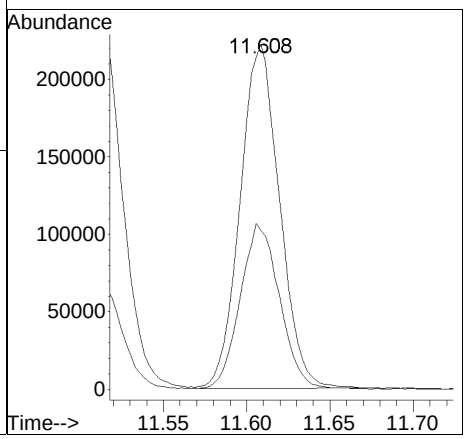


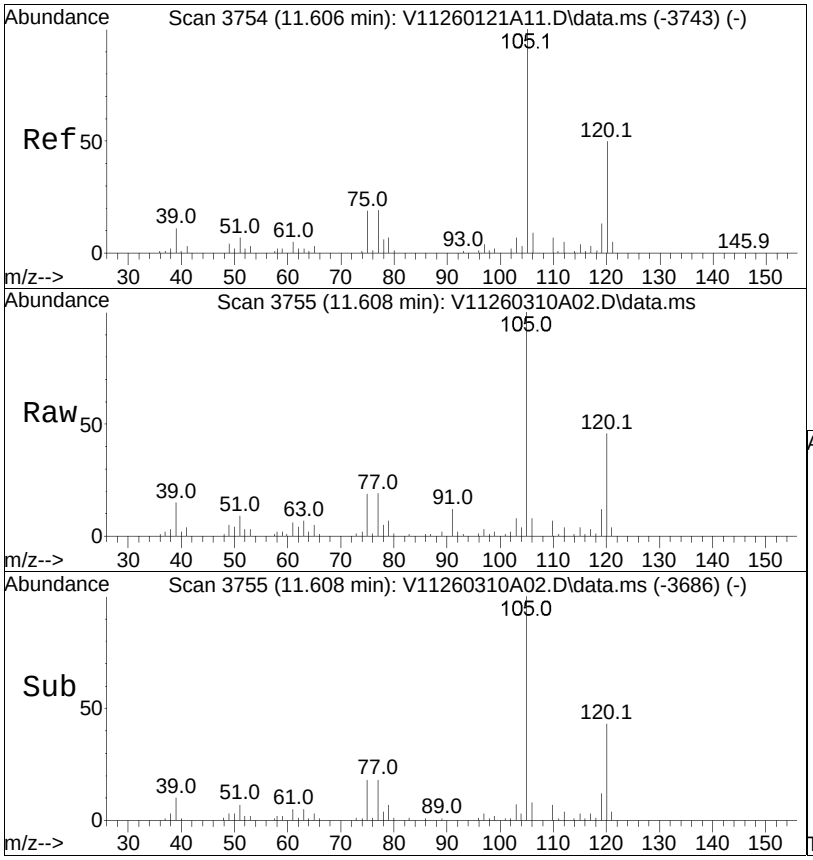


#90
1,3,5-Trimethylbenzene
Concen: 44.12 ug/L
RT: 11.608 min Scan# 3755
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:105 Resp: 365593

Ion	Ratio	Lower	Upper
105	100		
120	47.9	39.8	59.8

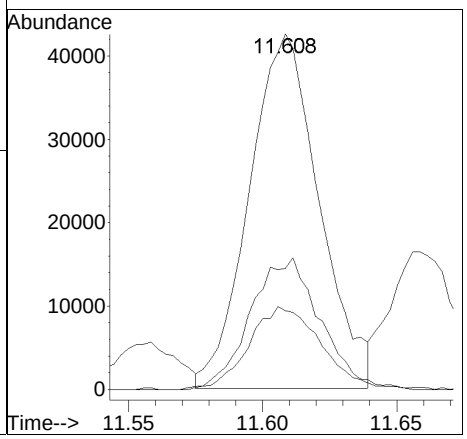


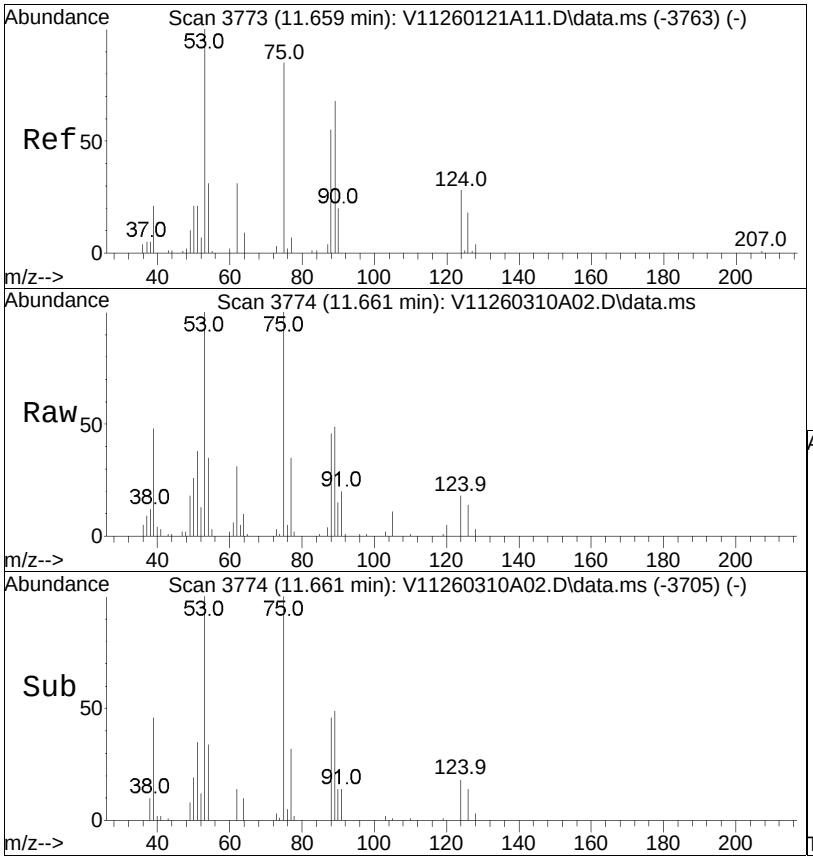


#91
1,2,3-Trichloropropane
Concen: 43.52 ug/L
RT: 11.608 min Scan# 3755
Delta R.T. -0.008 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 75 Resp: 77322

Ion	Ratio	Lower	Upper
75	100		
110	37.1	25.2	52.2
112	23.9	15.7	32.5

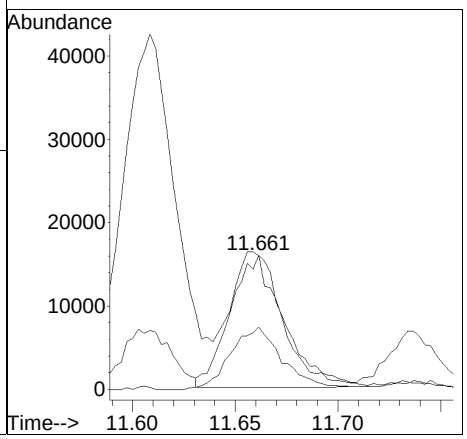


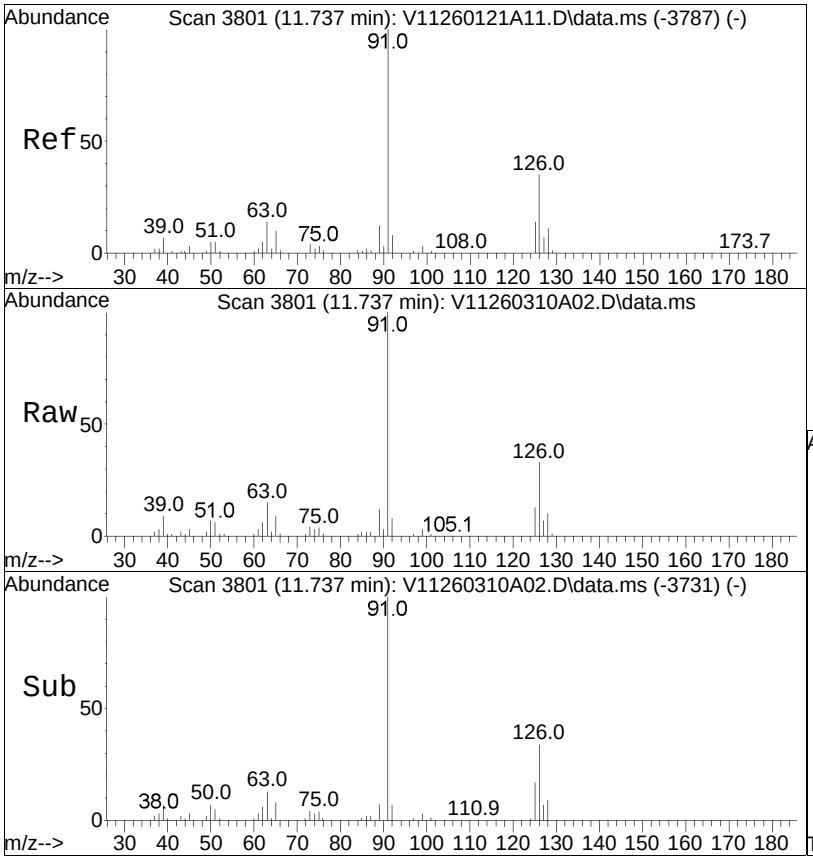


#92
trans-1,4-Dichloro-2-butene
Concen: 42.79 ug/L
RT: 11.661 min Scan# 3774
Delta R.T. -0.008 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 53 Resp: 27761

Ion	Ratio	Lower	Upper
53	100		
88	47.8	34.1	51.1
75	109.7	82.8	124.2

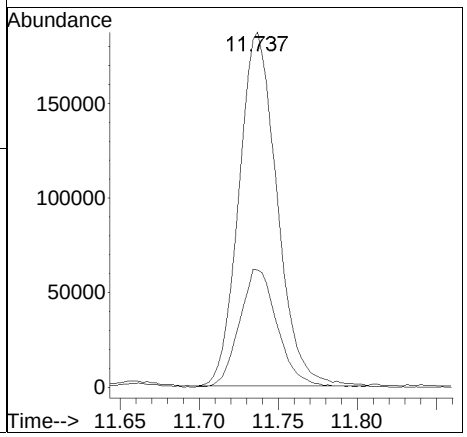


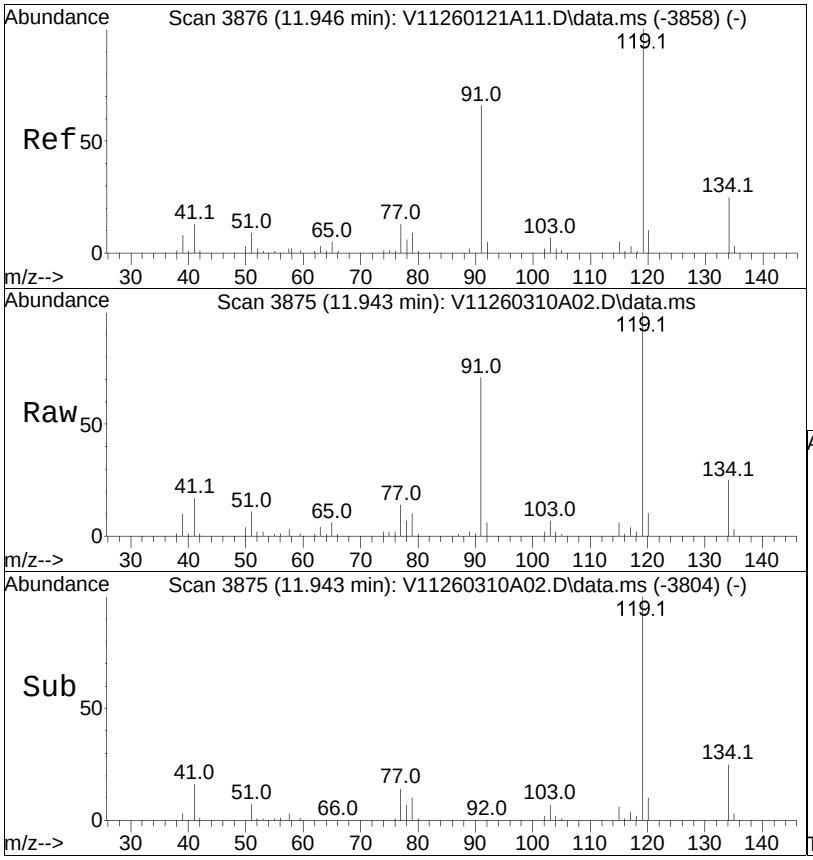


#93
4-Chlorotoluene
Concen: 44.14 ug/L
RT: 11.737 min Scan# 3801
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 91 Resp: 314315

Ion	Ratio	Lower	Upper
91	100		
126	33.1	27.9	41.9

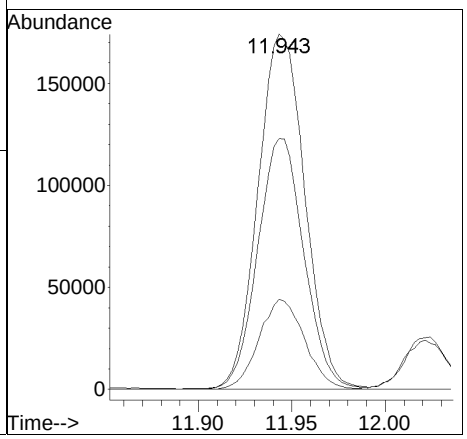


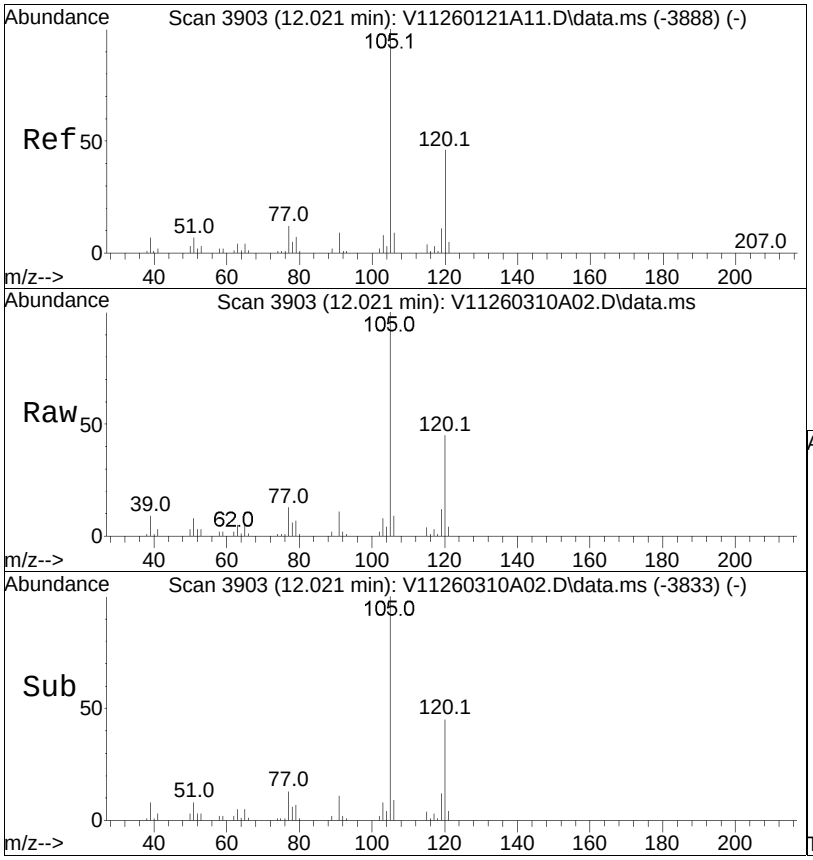


#94
tert-Butylbenzene
Concen: 43.90 ug/L
RT: 11.943 min Scan# 3875
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:119 Resp: 304476

Ion	Ratio	Lower	Upper
119	100		
91	69.3	53.0	79.4
134	24.7	19.8	29.6

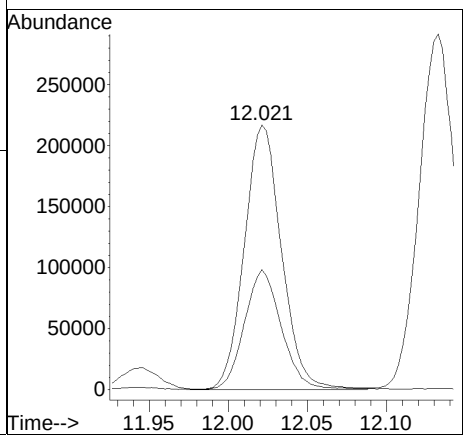


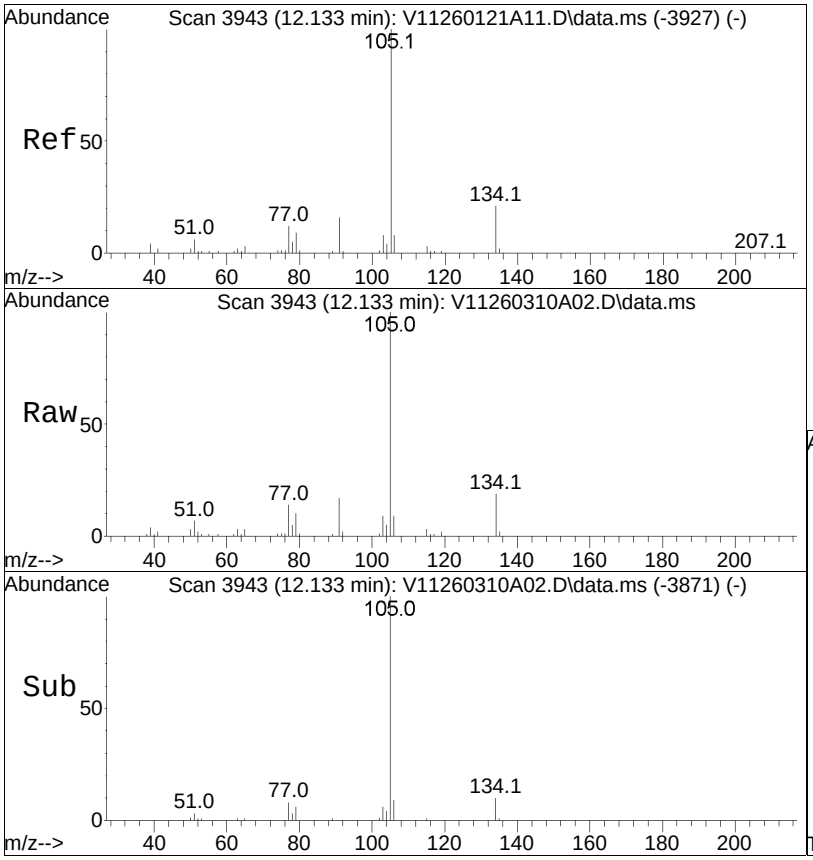


#97
1,2,4-Trimethylbenzene
Concen: 43.41 ug/L
RT: 12.021 min Scan# 3903
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:105 Resp: 354573

Ion	Ratio	Lower	Upper
105	100		
120	44.5	37.4	56.0

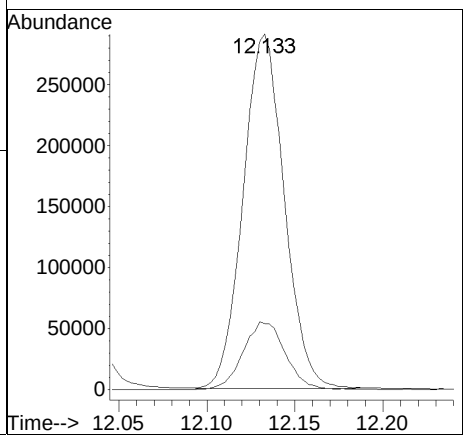


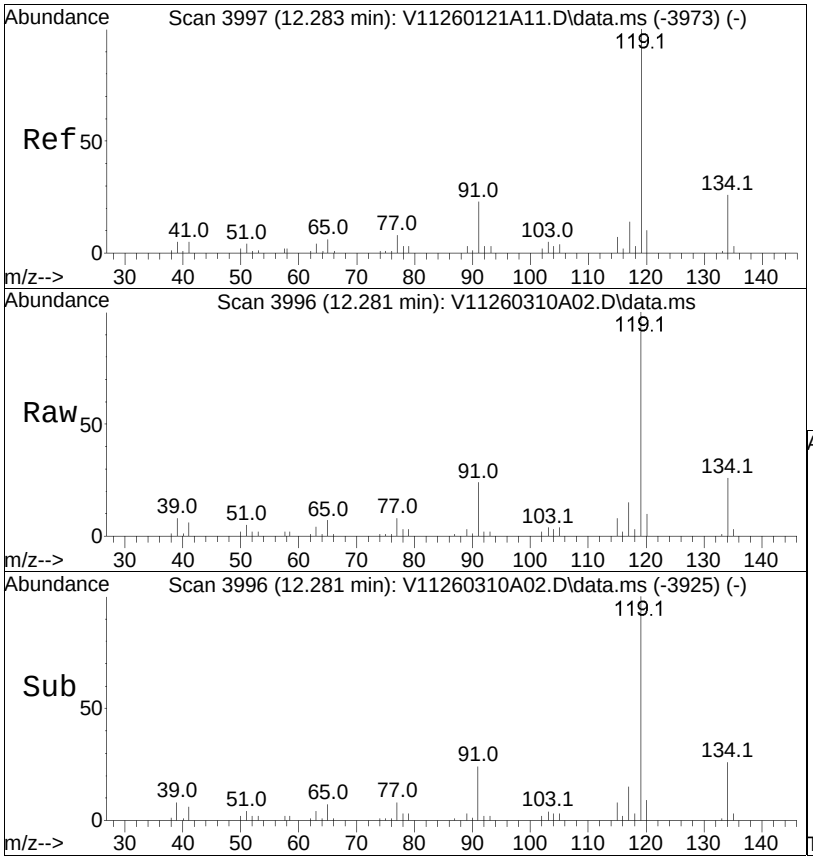


#98
sec-Butylbenzene
Concen: 46.20 ug/L
RT: 12.133 min Scan# 3943
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:105 Resp: 472606

Ion	Ratio	Lower	Upper
105	100		
134	19.4	13.2	27.4

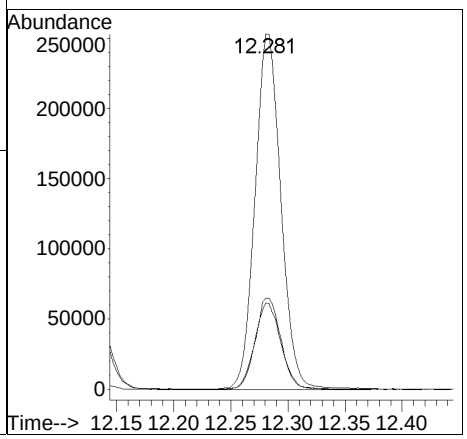


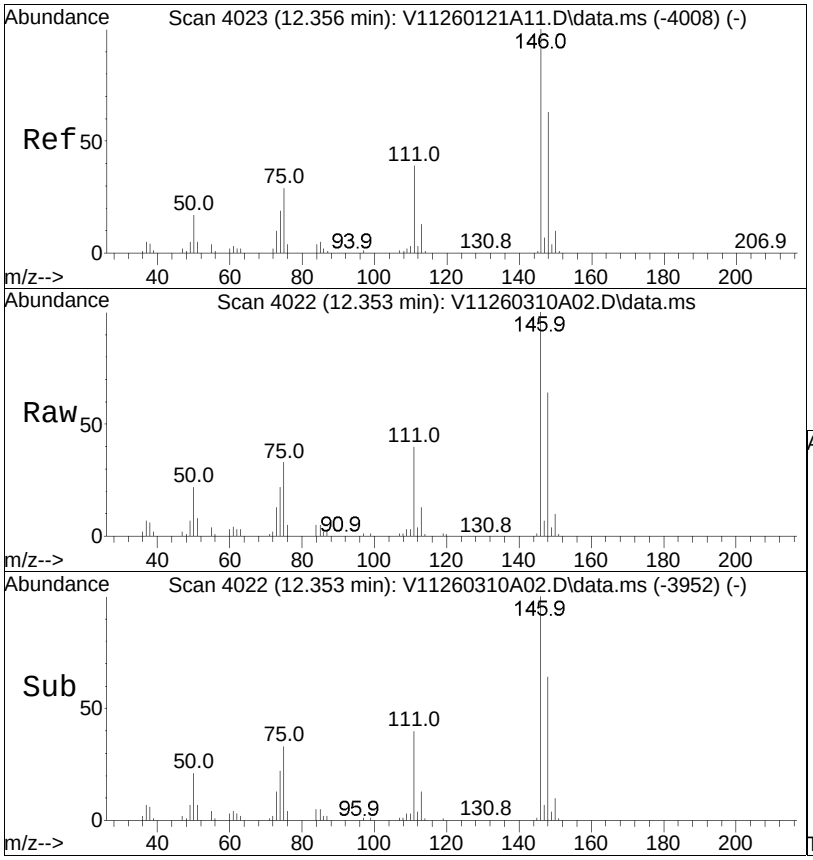


#99
p-Isopropyltoluene
Concen: 44.72 ug/L
RT: 12.281 min Scan# 3996
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:119 Resp: 399470

Ion	Ratio	Lower	Upper
119	100		
134	25.7	17.1	35.5
91	24.6	15.3	31.9

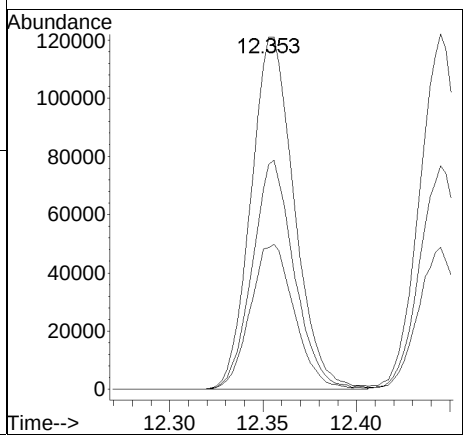


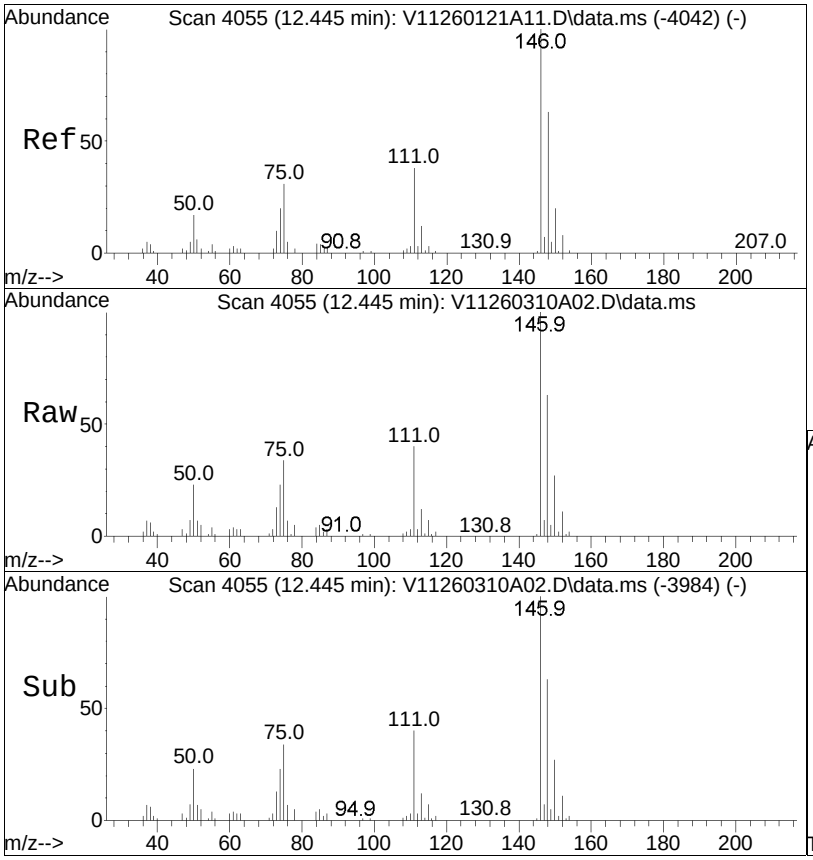


#100
1,3-Dichlorobenzene
Concen: 40.67 ug/L
RT: 12.353 min Scan# 4022
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:146 Resp: 195882

Ion	Ratio	Lower	Upper
146	100		
111	42.0	25.6	53.2
148	62.9	41.3	85.9

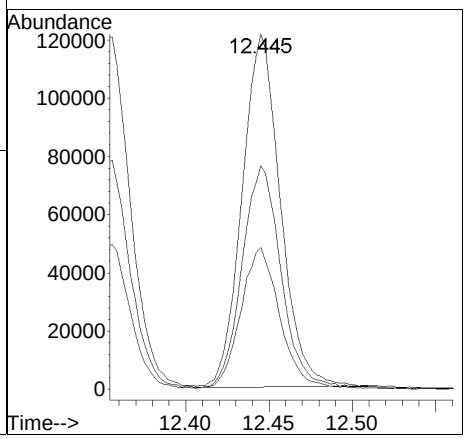


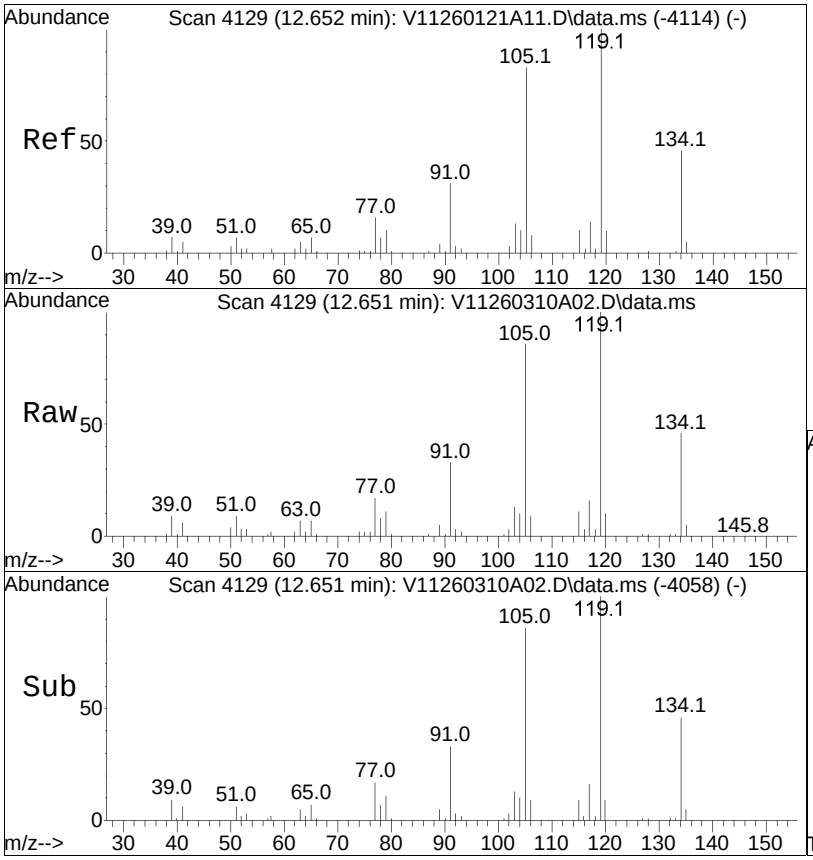


#101
1,4-Dichlorobenzene
Concen: 38.28 ug/L
RT: 12.445 min Scan# 4055
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:146 Resp: 194068

Ion	Ratio	Lower	Upper
146	100		
111	40.7	31.4	47.0
148	64.8	50.7	76.1

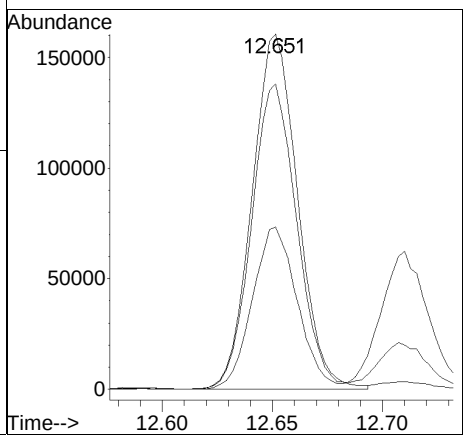


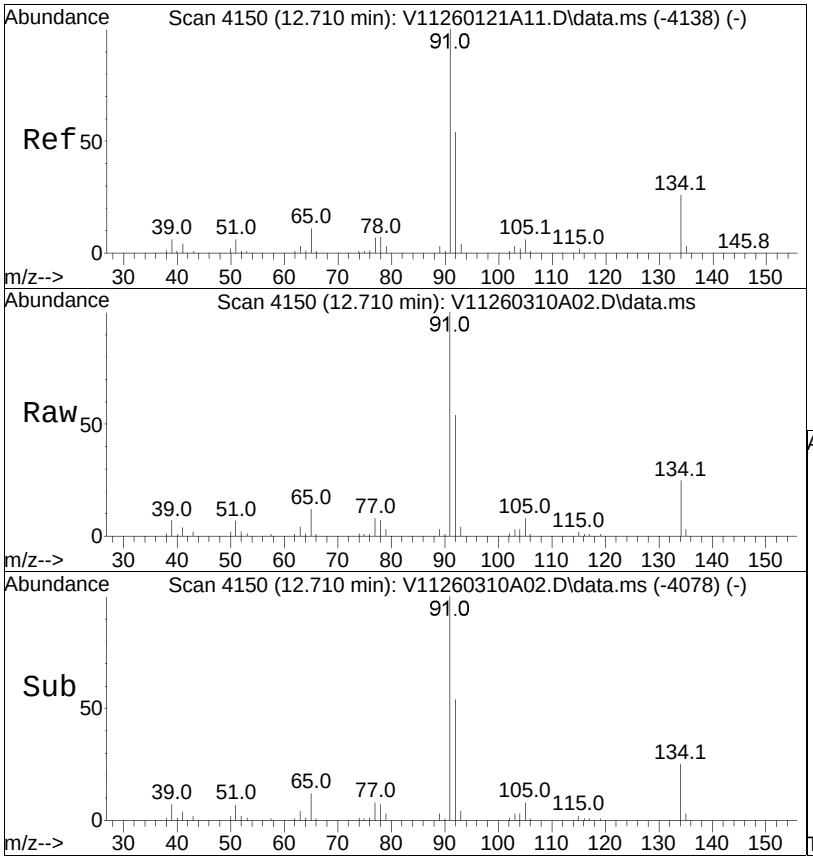


#102
p-Diethylbenzene
Concen: 43.57 ug/L
RT: 12.651 min Scan# 4129
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:119 Resp: 231167

Ion	Ratio	Lower	Upper
119	100		
105	85.4	54.5	113.3
134	45.2	29.9	62.1

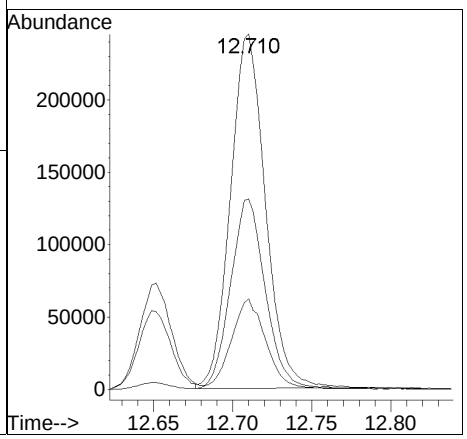


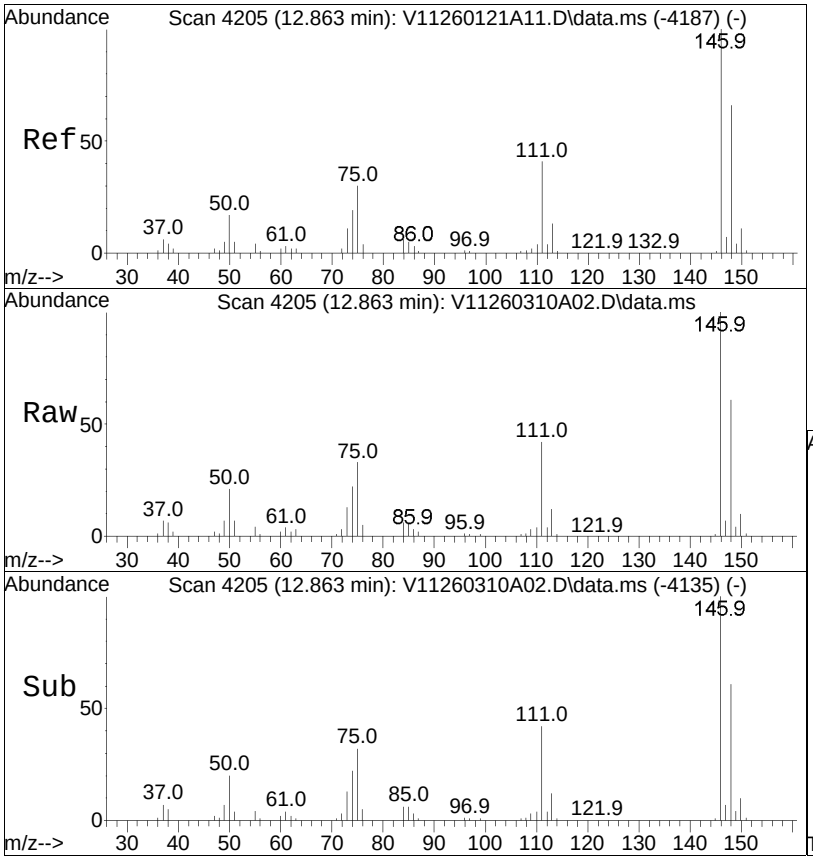


#103
n-Butylbenzene
Concen: 46.82 ug/L
RT: 12.710 min Scan# 4150
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 91 Resp: 377598

Ion	Ratio	Lower	Upper
91	100		
92	53.2	43.3	64.9
134	24.8	21.4	32.0

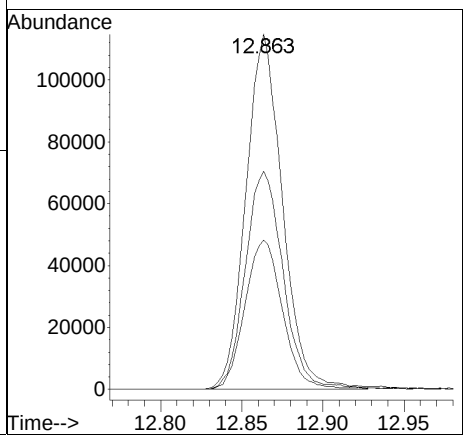


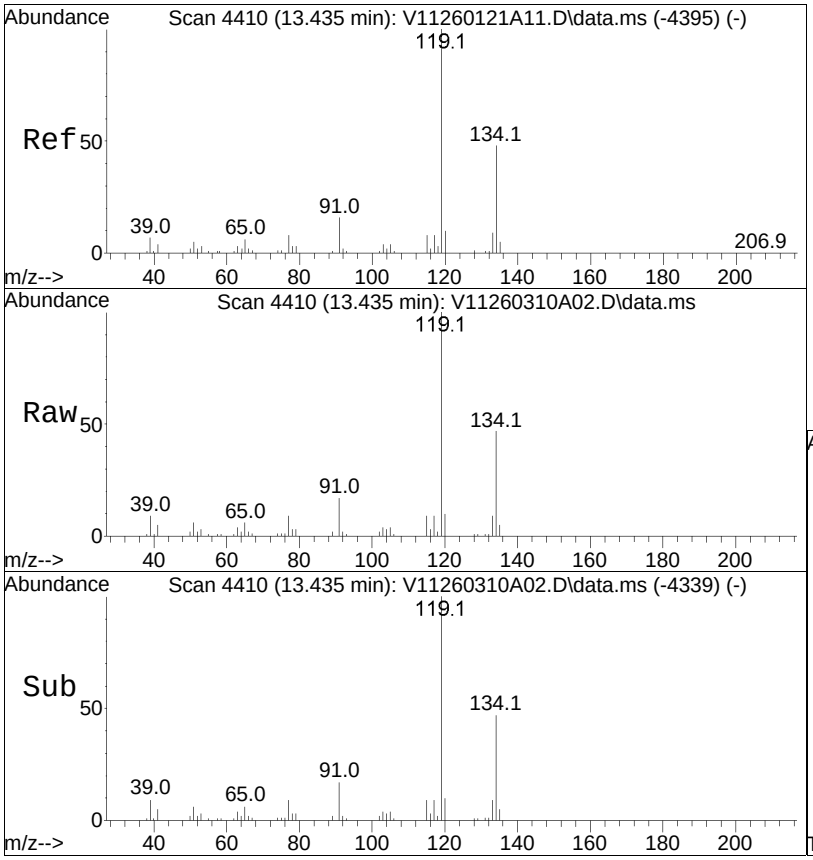


#104
1,2-Dichlorobenzene
Concen: 39.81 ug/L
RT: 12.863 min Scan# 4205
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:146 Resp: 180657

Ion	Ratio	Lower	Upper
146	100		
111	43.2	26.9	55.9
148	63.6	41.2	85.6

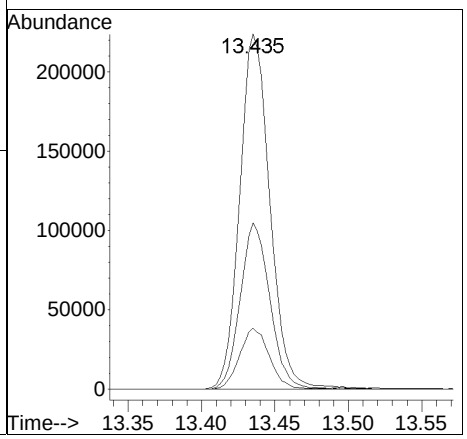


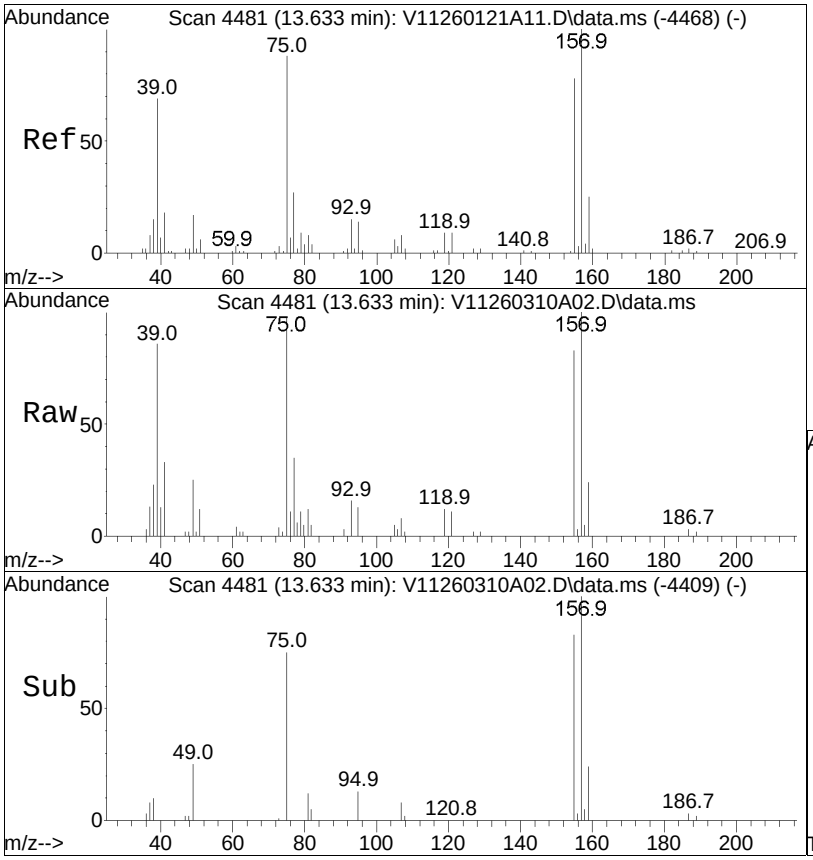


#105
1,2,4,5-Tetramethylbenzene
Concen: 39.77 ug/L
RT: 13.435 min Scan# 4410
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:119 Resp: 322003

Ion	Ratio	Lower	Upper
119	100		
134	46.0	31.1	64.5
91	16.9	10.4	21.6

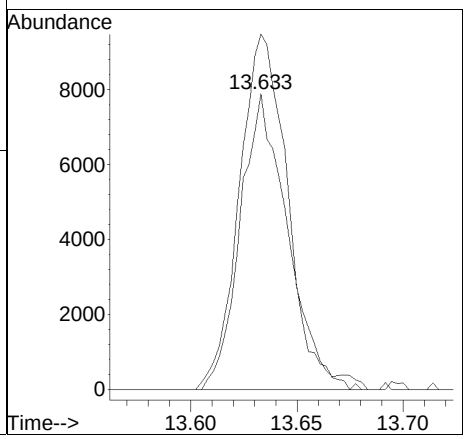


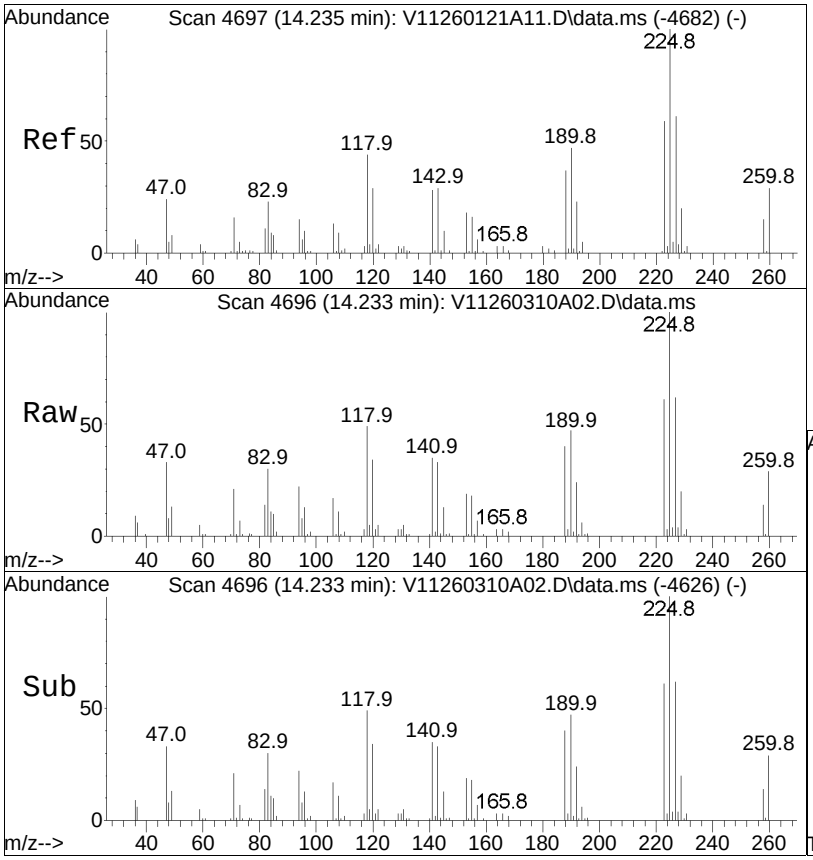


#106
1,2-Dibromo-3-chloropropane
Concen: 34.83 ug/L
RT: 13.633 min Scan# 4481
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:155 Resp: 12036

Ion	Ratio	Lower	Upper
155	100		
157	126.9	100.0	150.0

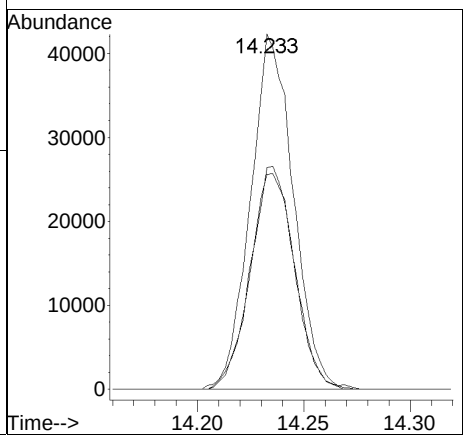


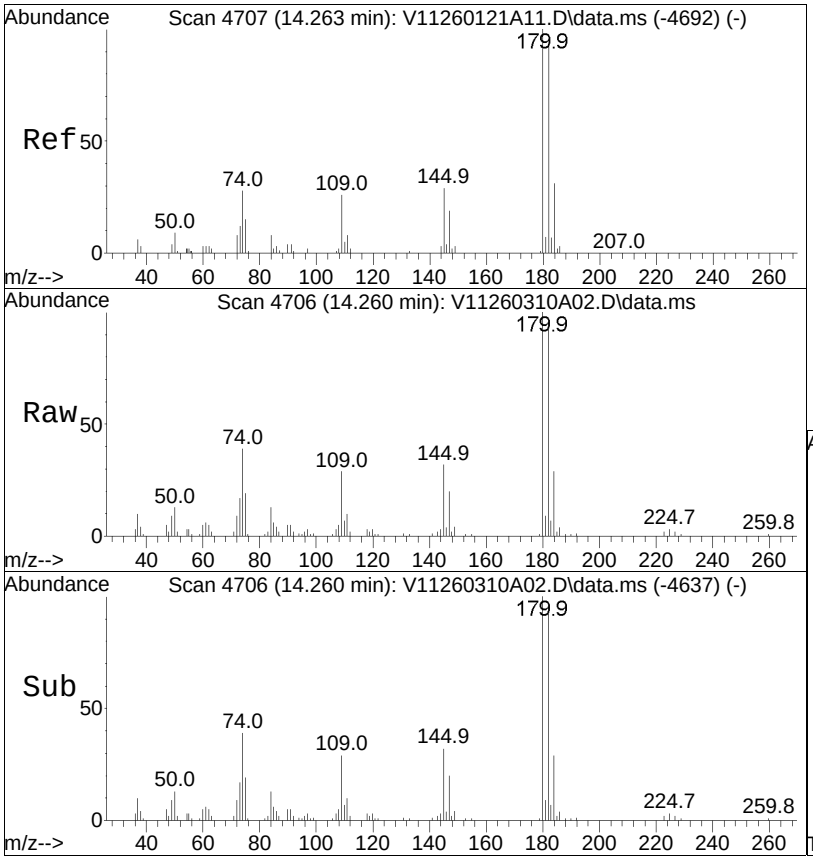


#108
Hexachlorobutadiene
Concen: 39.34 ug/L
RT: 14.233 min Scan# 4696
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:225 Resp: 59513

Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.9	74.9
227	64.0	50.6	75.8

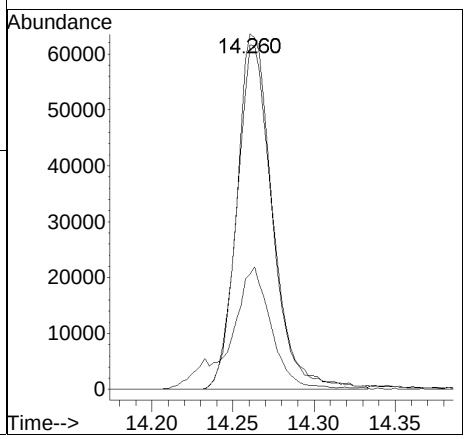


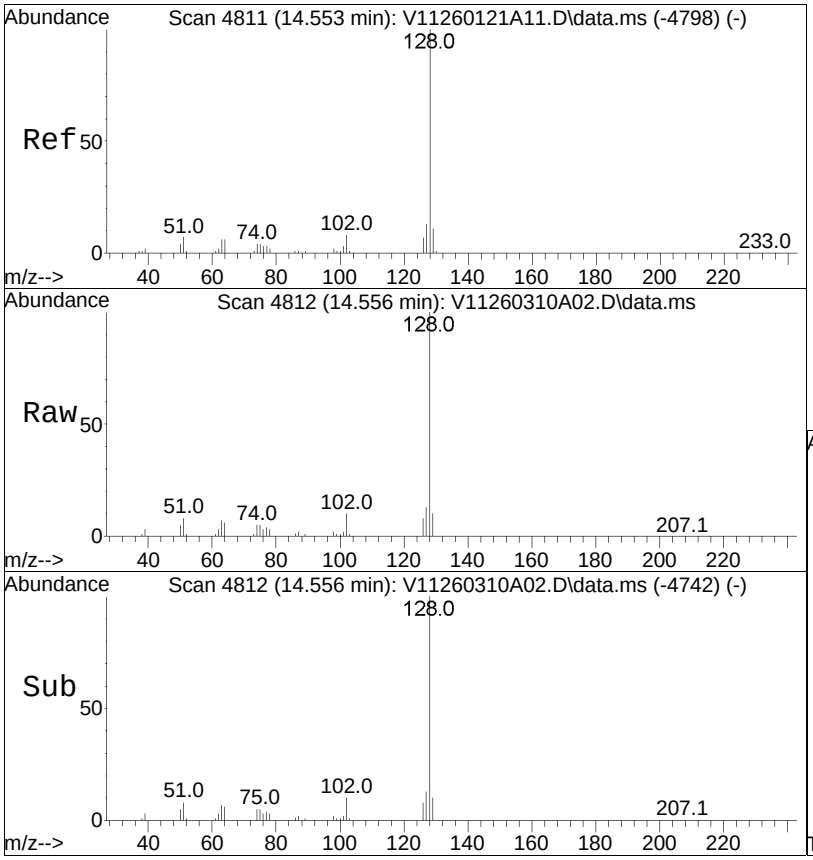


#109
1,2,4-Trichlorobenzene
Concen: 36.13 ug/L
RT: 14.260 min Scan# 4706
Delta R.T. -0.008 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:180 Resp: 98034

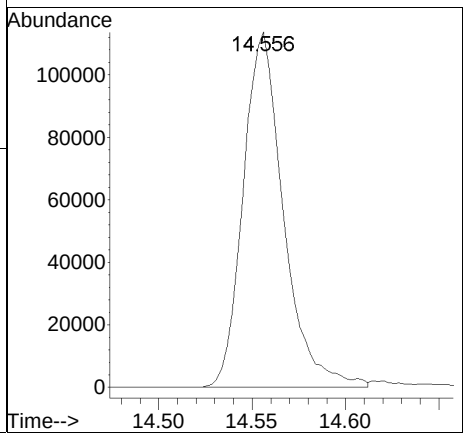
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.6
145	33.6	29.6	44.4

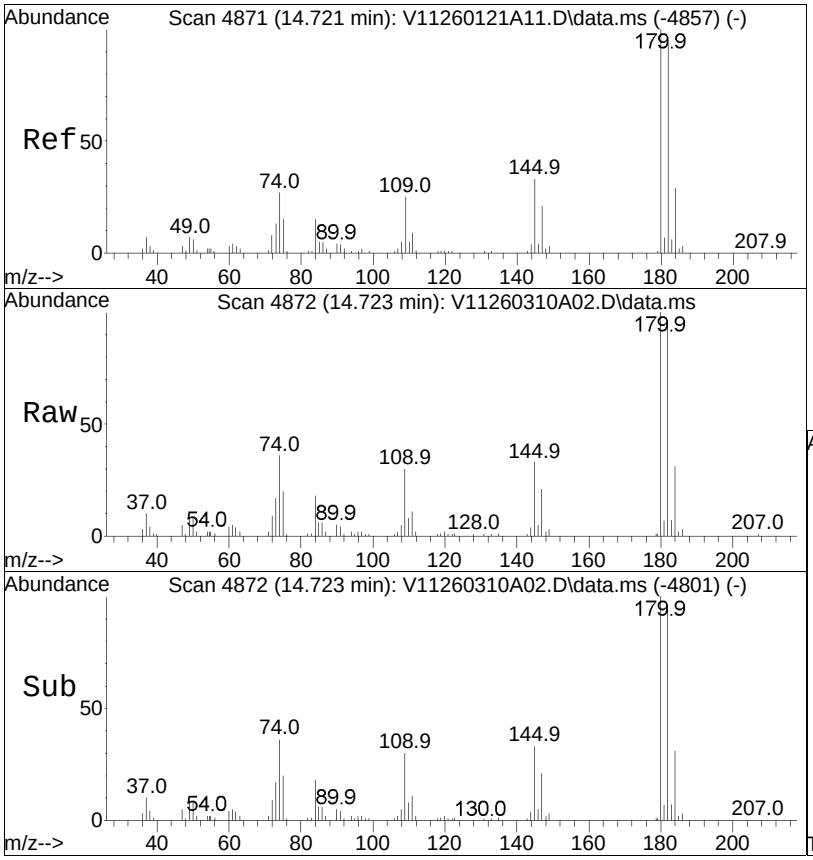




#110
Naphthalene
Concen: 33.67 ug/L
RT: 14.556 min Scan# 4812
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:128 Resp: 171175

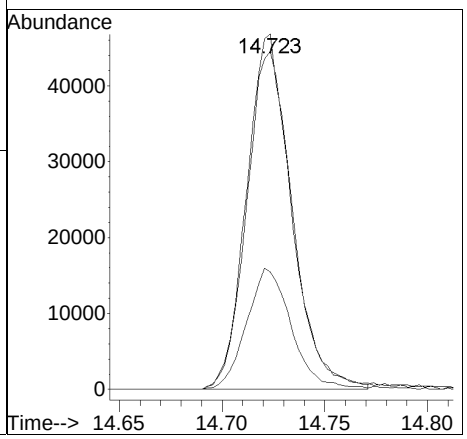




#111
1,2,3-Trichlorobenzene
Concen: 34.17 ug/L
RT: 14.723 min Scan# 4872
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:180 Resp: 71369

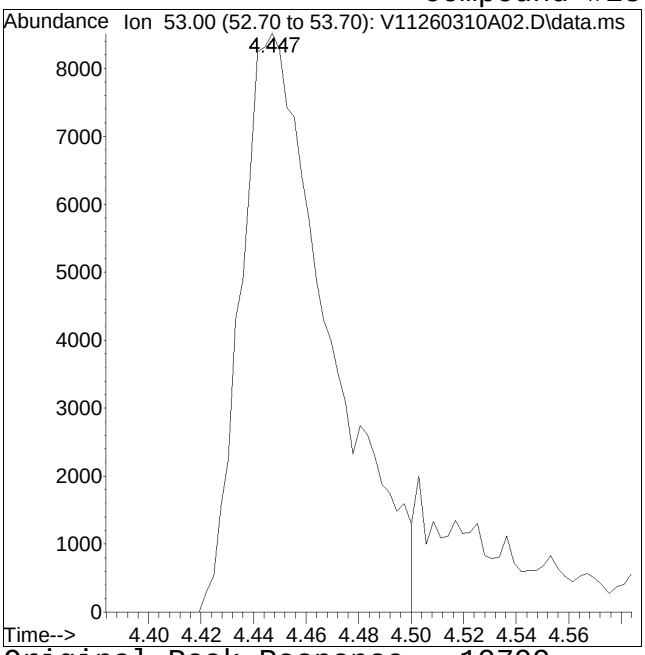
Ion	Ratio	Lower	Upper
180	100		
182	96.9	74.2	111.4
145	33.9	26.3	39.5



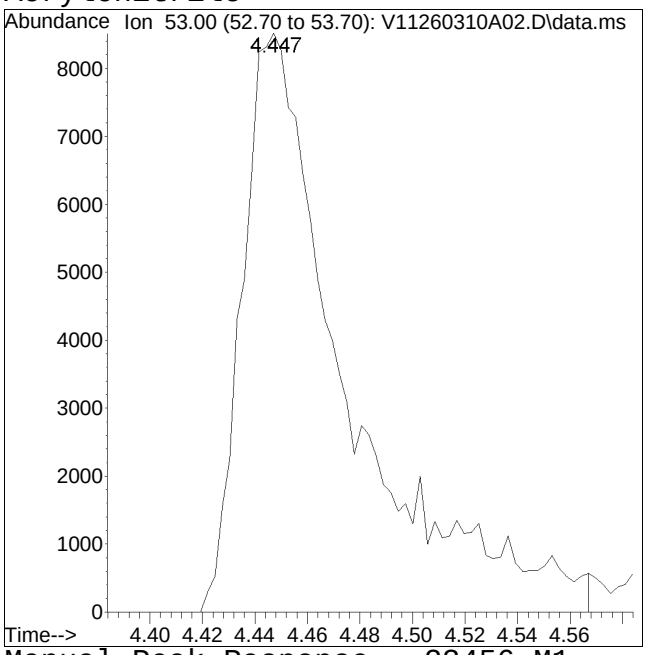
Manual Integration Report

Data Path : K:\VOA111\2026\260310A\ QMethod : V111_260121A_8260.m
Data File : V11260310A02.D Operator : VOA111:MNF
Date Inj'd : 3/10/2026 8:00 am Instrument : VOA111
Sample : WG2183467-3,31H,5,5,0.100 Quant Date : 3/10/2026 8:51 am

Compound #25: Acrylonitrile



Original Peak Response = 19799



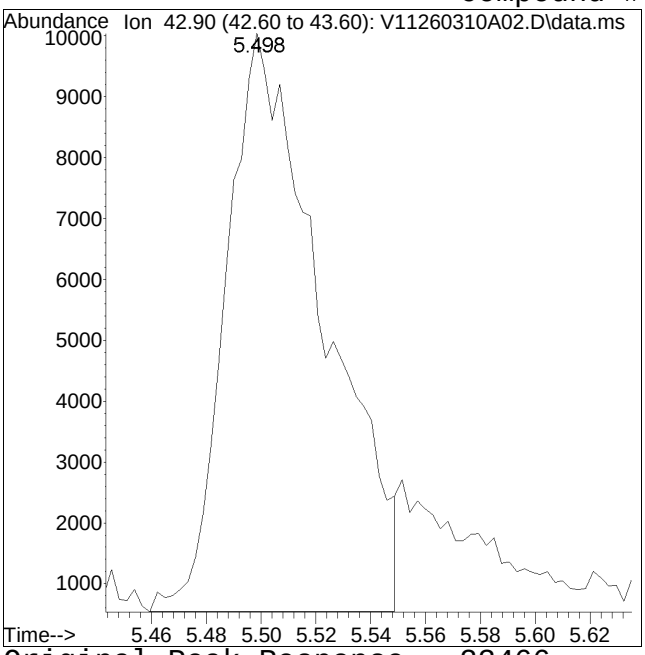
Manual Peak Response = 23456 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

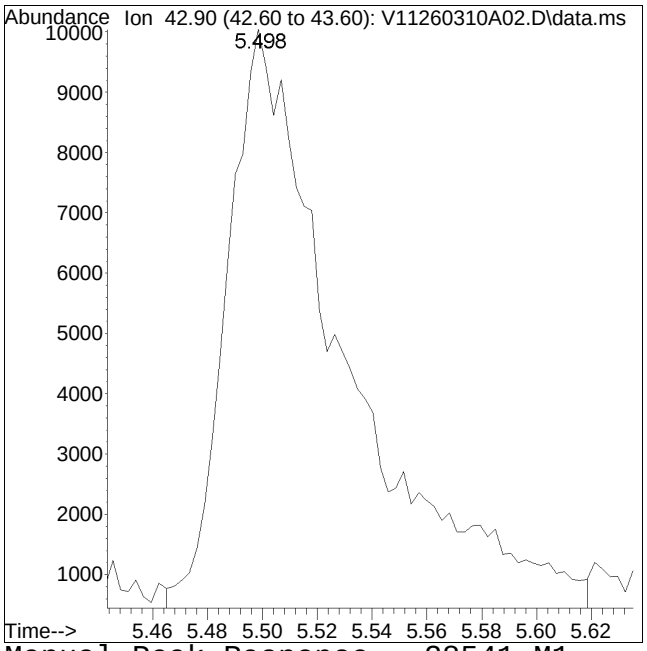
Manual Integration Report

Data Path : K:\VOA111\2026\260310A\ QMethod : V111_260121A_8260.m
Data File : V11260310A02.D Operator : VOA111:MNF
Date Inj'd : 3/10/2026 8:00 am Instrument : VOA111
Sample : WG2183467-3,31H,5,5,0.100 Quant Date : 3/10/2026 8:51 am

Compound #39: 2-Butanone



Original Peak Response = 23466



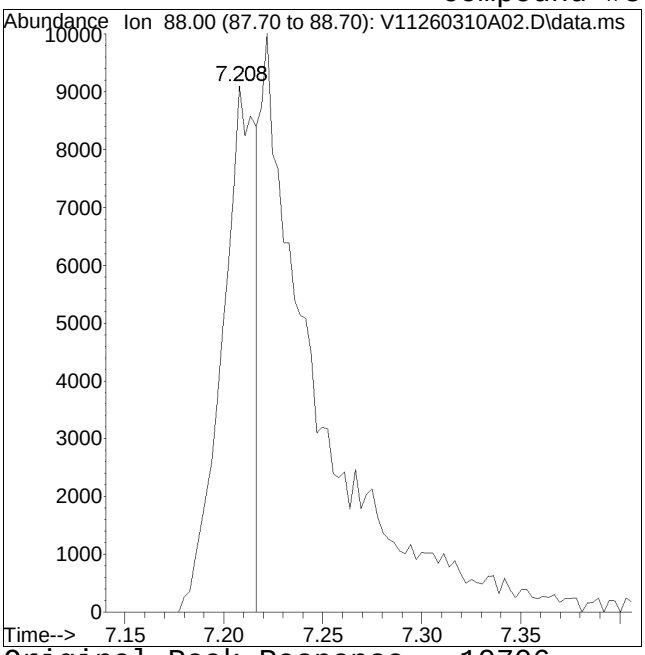
Manual Peak Response = 28541 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

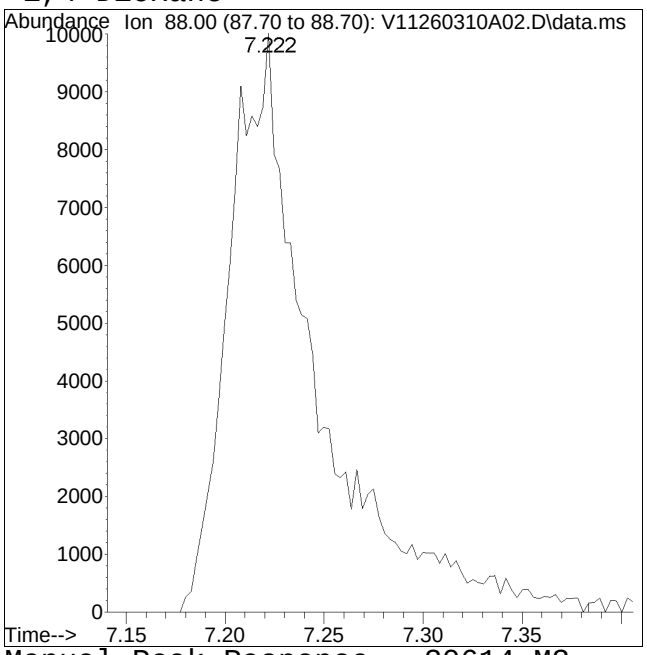
Manual Integration Report

Data Path : K:\VOA111\2026\260310A\ QMethod : V111_260121A_8260.m
Data File : V11260310A02.D Operator : VOA111:MNF
Date Inj'd : 3/10/2026 8:00 am Instrument : VOA111
Sample : WG2183467-3,31H,5,5,0.100 Quant Date : 3/10/2026 8:51 am

Compound #57: 1,4-Dioxane



Original Peak Response = 10706



Manual Peak Response = 30614 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183398-3,31,5,5
Misc : WG2183398,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	11.262	96	1096647	20.000	ug/L	0.00
Standard Area 1 = 1096647			Recovery = 100.00%			
63) Chlorobenzene-d5	17.936	117	791330	20.000	ug/L	-0.01
Standard Area 1 = 791330			Recovery = 100.00%			
88) 1,4-Dichlorobenzene-d4	23.586	152	374599	20.000	ug/L	0.00
Standard Area 1 = 374599			Recovery = 100.00%			
System Monitoring Compounds						
39) Dibromofluoromethane	9.637	113	271051	20.052	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.26%			
47) 1,2-Dichloroethane-d4	10.624	65	277033	20.727	ug/L	-0.01
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.64%			
65) Toluene-d8	14.581	98	1103928	21.431	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.16%			
92) 4-Bromofluorobenzene	20.769	95	378223	20.782	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.91%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.584	85	371567M1	23.232	ug/L	
4) Chloromethane	3.033	50	621329	37.565	ug/L	93
5) Vinyl chloride	3.103	62	676261	37.297	ug/L	99
6) Bromomethane	3.794	94	385066	33.124	ug/L	97
7) Chloroethane	3.925	64	427791	38.666	ug/L	96
8) Trichlorofluoromethane	4.346	101	782738	37.408	ug/L	98
9) Ethyl ether	4.876	74	267576	38.348	ug/L	91
11) 1,1-Dichloroethene	5.442	96	471265	37.089	ug/L	84
12) Carbon disulfide	6.343	76	1657891	37.176	ug/L	100
17) Methylene chloride	6.357	84	524276	33.184	ug/L	92
19) Acetone	5.255	43	125778	38.574	ug/L	98
20) trans-1,2-Dichloroethene	6.901	96	532417	37.047	ug/L	89
23) Methyl tert-butyl ether	6.636	73	1290527	36.838	ug/L	97
26) 1,1-Dichloroethane	7.718	63	1053594	39.788	ug/L	99
28) Acrylonitrile	6.611	53	142706	42.202	ug/L	98
30) Vinyl acetate	7.746	43	895790	41.390	ug/L	98
31) cis-1,2-Dichloroethene	8.900	96	556768	35.240	ug/L	92
32) 2,2-Dichloropropane	8.800	77	801972	37.150	ug/L	98
33) Bromochloromethane	9.528	128	228273	34.436	ug/L	87
35) Chloroform	9.204	83	945452	34.626	ug/L	99

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183398-3,31,5,5
Misc : WG2183398,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Carbon tetrachloride	10.473	117	720123	35.386	ug/L	99
40) 1,1,1-Trichloroethane	9.977	97	814064	36.789	ug/L	97
42) 2-Butanone	8.563	43	152660	37.209	ug/L	98
43) 1,1-Dichloropropene	10.289	75	738313	40.062	ug/L	97
45) Benzene	10.825	78	2048174	38.053	ug/L	98
48) 1,2-Dichloroethane	10.813	62	667089	36.923	ug/L	98
52) Trichloroethene	12.063	95	554344	36.792	ug/L	95
54) Dibromomethane	13.036	93	268439	34.574	ug/L	98
55) 1,2-Dichloropropane	12.439	63	586165	39.953	ug/L	98
58) Bromodichloromethane	12.924	83	694942	35.478	ug/L	99
61) 1,4-Dioxane	12.991	88	135453	1717.345	ug/L	87
62) cis-1,3-Dichloropropene	14.082	75	814691	37.193	ug/L	99
66) Toluene	14.751	92	1322645	38.507	ug/L	97
67) 4-Methyl-2-pentanone	13.655	58	145360	41.060	ug/L	95
68) Tetrachloroethene	16.170	166	549965	36.653	ug/L	98
71) trans-1,3-Dichloropropene	15.180	75	680907	38.928	ug/L	96
75) 1,1,2-Trichloroethane	15.509	83	329975	38.840	ug/L	96
76) Chlorodibromomethane	16.633	129	462330	35.883	ug/L	99
77) 1,3-Dichloropropane	16.073	76	668382	38.870	ug/L	99
78) 1,2-Dibromoethane	17.082	107	362855	37.673	ug/L	99
80) 2-Hexanone	15.546	43	250336	42.394	ug/L	96
82) Chlorobenzene	18.022	112	1424450	37.767	ug/L	98
83) Ethylbenzene	18.153	91	2612341	39.892	ug/L	95
84) 1,1,1,2-Tetrachloroethane	18.131	131	486877	36.633	ug/L	99
85) p/m Xylene	18.332	106	1958523	77.720	ug/L	86
86) o Xylene	19.336	106	1860841	76.976	ug/L	84
87) Styrene	19.425	104	3068555	76.790	ug/L	97
89) Bromoform	20.189	173	256331	34.748	ug/L	100
91) Isopropylbenzene	20.178	105	2517817	41.177	ug/L	96
93) Bromobenzene	21.201	156	546552	37.041	ug/L	100
95) n-Propylbenzene	21.129	91	3028923	42.486	ug/L	94
97) 1,1,2,2-Tetrachloroethane	20.607	83	452165	40.147	ug/L	99
98) 4-Ethyltoluene	21.405	105	2414606	41.484	ug/L	96
99) 2-Chlorotoluene	21.527	91	1909821	40.704	ug/L	96
100) 1,3,5-Trimethylbenzene	21.514	105	2032897	40.954	ug/L	96
101) 1,2,3-Trichloropropane	20.959	75	325767	39.582	ug/L	96
102) trans-1,4-Dichloro-2-b...	21.145	53	148212	42.206	ug/L	89
103) 4-Chlorotoluene	21.650	91	1757846	40.068	ug/L	95
104) tert-Butylbenzene	22.353	119	1731052	40.304	ug/L	98

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183398-3,31,5,5
Misc : WG2183398,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) 1,2,4-Trimethylbenzene	22.445	105	1956194	40.589	ug/L	95
109) sec-Butylbenzene	22.866	105	2670651	42.382	ug/L	95
110) p-Isopropyltoluene	23.209	119	2219293	41.116	ug/L	98
111) 1,3-Dichlorobenzene	23.401	146	1058594	38.224	ug/L	99
112) 1,4-Dichlorobenzene	23.658	146	1049385	37.917	ug/L	99
115) p-Diethylbenzene	24.213	119	1365605	41.761	ug/L	99
116) n-Butylbenzene	24.188	91	2597435	43.146	ug/L	96
118) 1,2-Dichlorobenzene	24.517	146	930252	37.543	ug/L	99
120) 1,2,4,5-Tetramethylben...	25.934	119	1974095	41.661	ug/L	95
121) 1,2-Dibromo-3-chloropr...	26.279	155	52797	34.161	ug/L	99
124) Hexachlorobutadiene	28.226	225	381913	40.141	ug/L	99
125) 1,2,4-Trichlorobenzene	27.967	180	648578	39.575	ug/L	99
126) Naphthalene	28.421	128	1111691	37.929	ug/L	100
127) 1,2,3-Trichlorobenzene	28.859	180	535862	38.899	ug/L	99

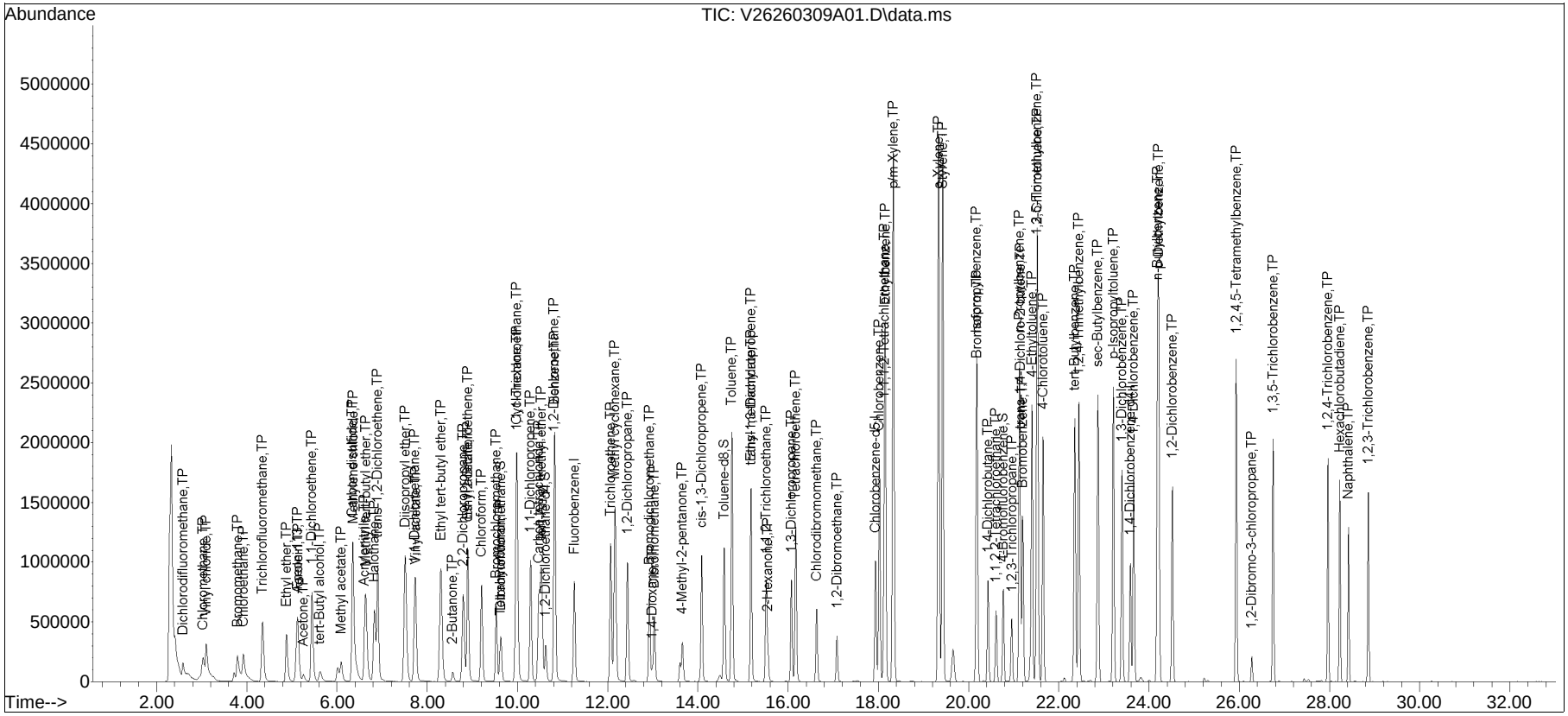
(#) = qualifier out of range (m) = manual integration (+) = signals summed

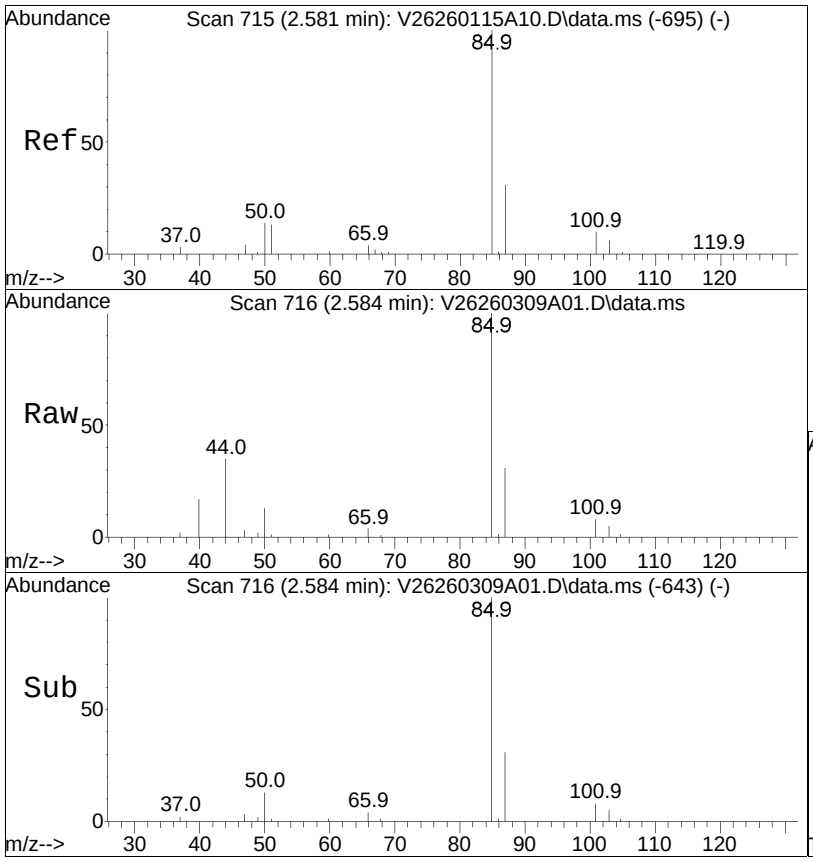
Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183398-3,31,5,5
Misc : WG2183398,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

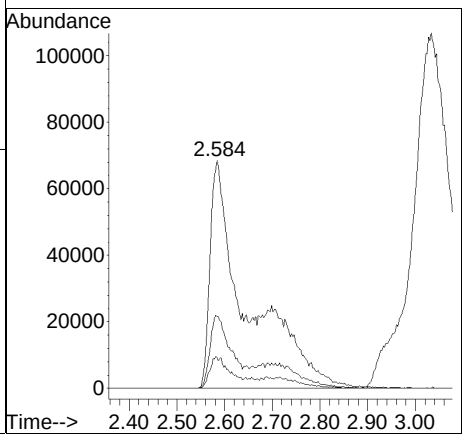


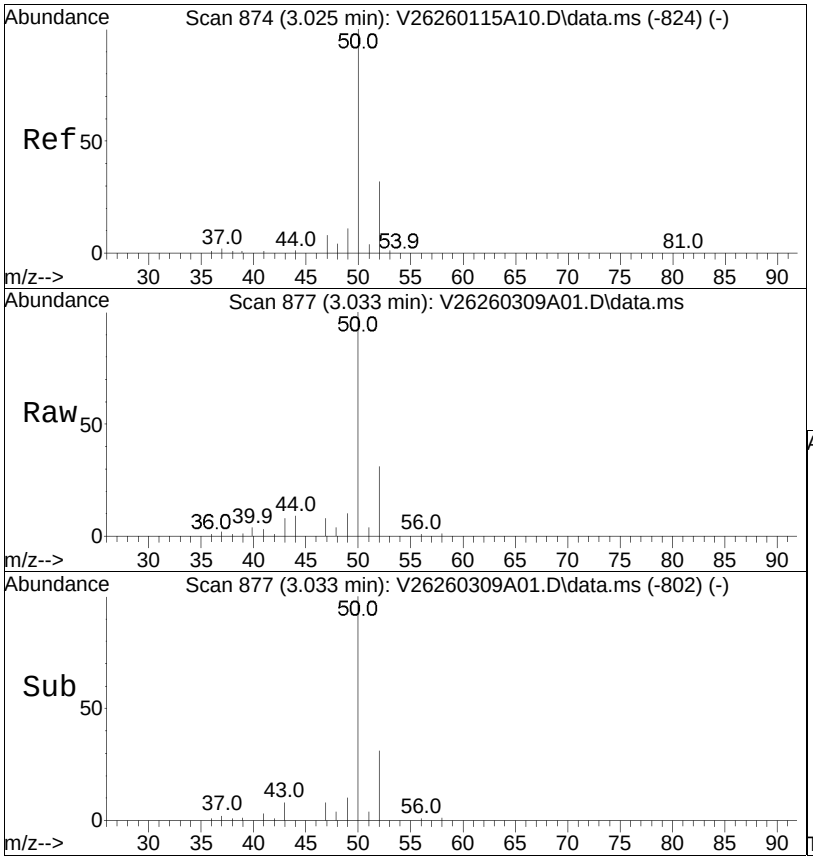


#2
Dichlorodifluoromethane
Concen: 23.23 ug/L M1
RT: 2.584 min Scan# 716
Delta R.T. 0.003 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 85 Resp: 371567

Ion	Ratio	Lower	Upper
85	100		
87	22.4	21.1	43.7
50	7.6	14.2	29.4#

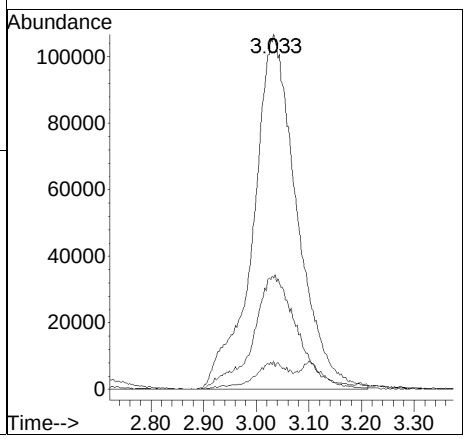


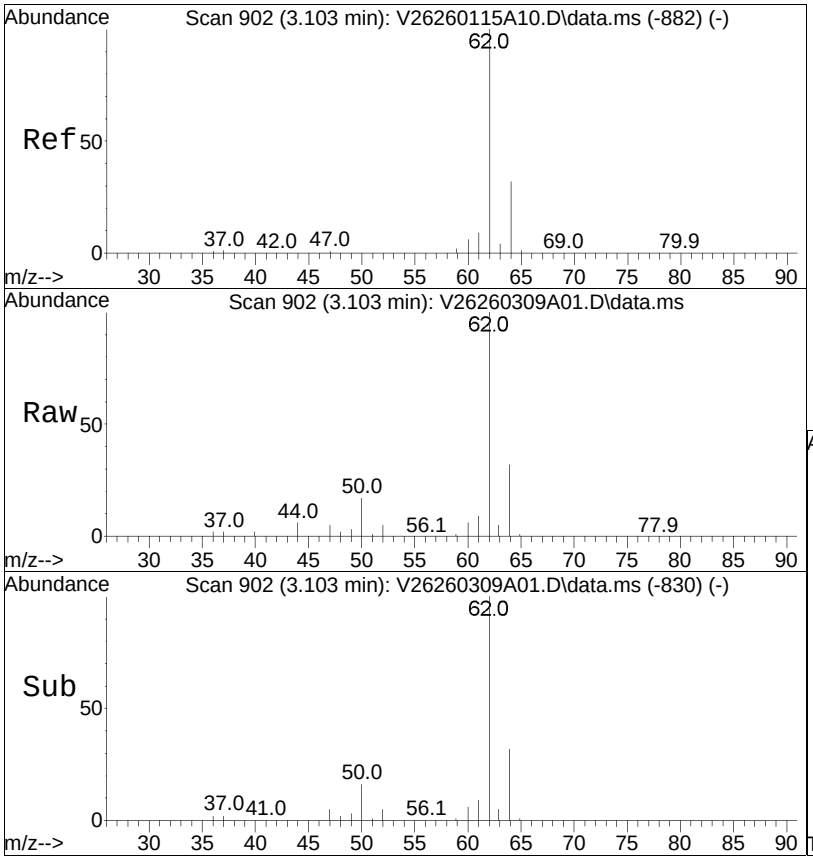


#4
Chloromethane
Concen: 37.57 ug/L
RT: 3.033 min Scan# 877
Delta R.T. 0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 50 Resp: 621329

Ion	Ratio	Lower	Upper
50	100		
52	28.7	12.5	52.5
47	5.3	0.0	27.8

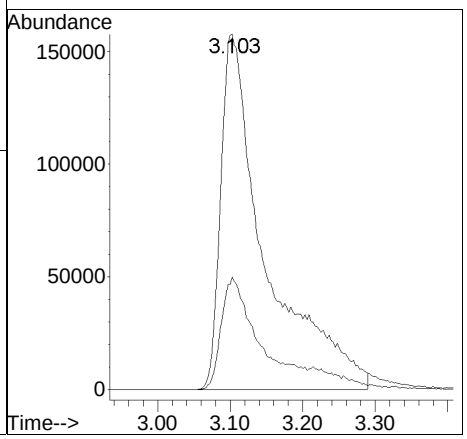


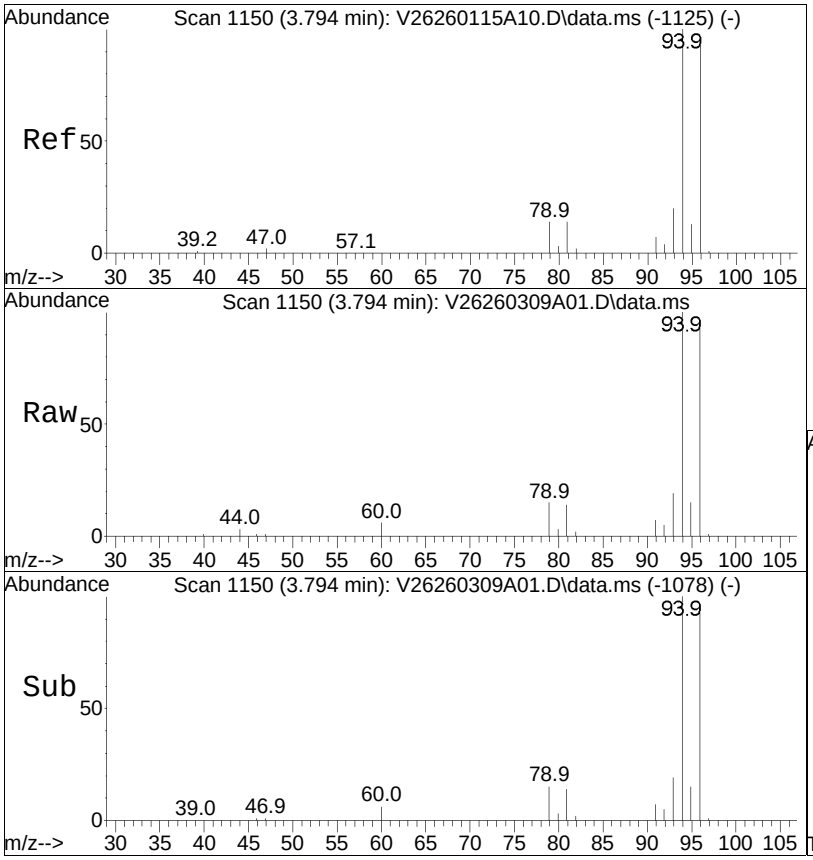


#5
Vinyl chloride
Concen: 37.30 ug/L
RT: 3.103 min Scan# 902
Delta R.T. 0.000 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 62 Resp: 676261

Ion	Ratio	Lower	Upper
62	100		
64	30.9	11.3	51.3

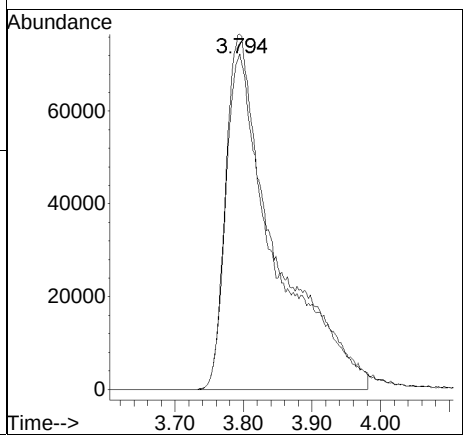


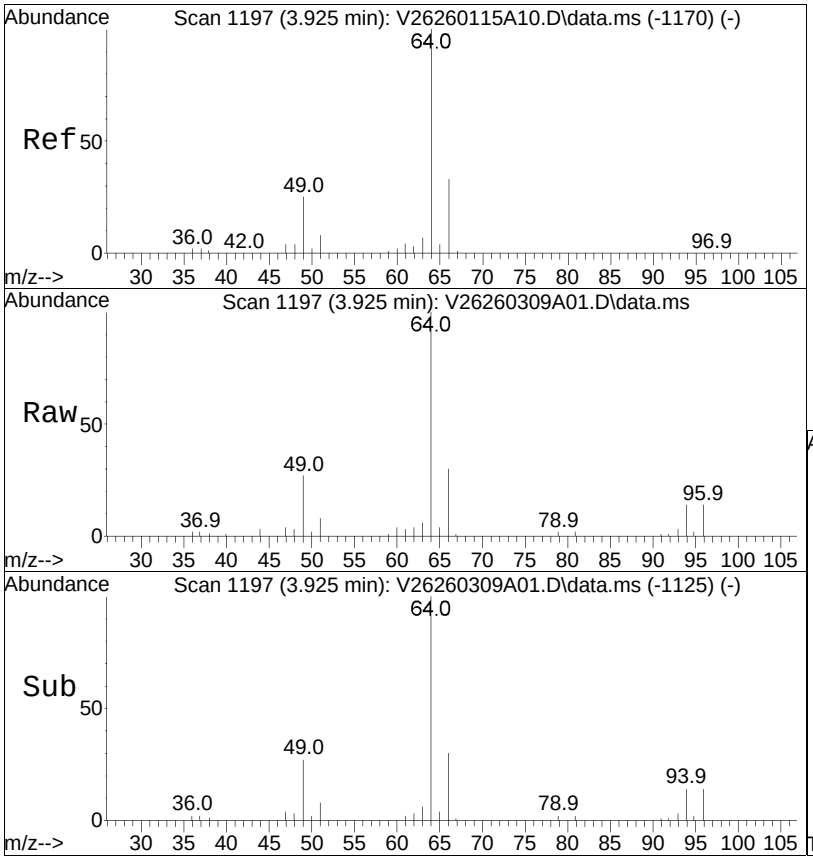


#6
Bromomethane
Concen: 33.12 ug/L
RT: 3.794 min Scan# 1150
Delta R.T. 0.000 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 94 Resp: 385066

Ion	Ratio	Lower	Upper
94	100		
96	93.7	71.1	111.1

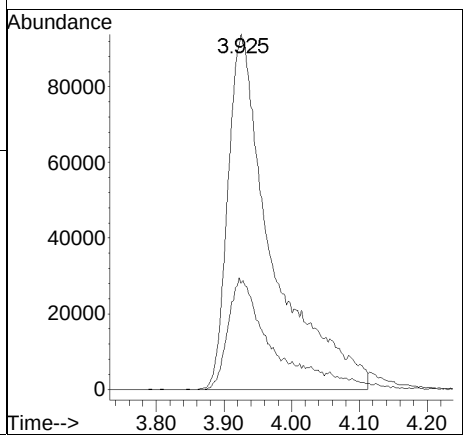


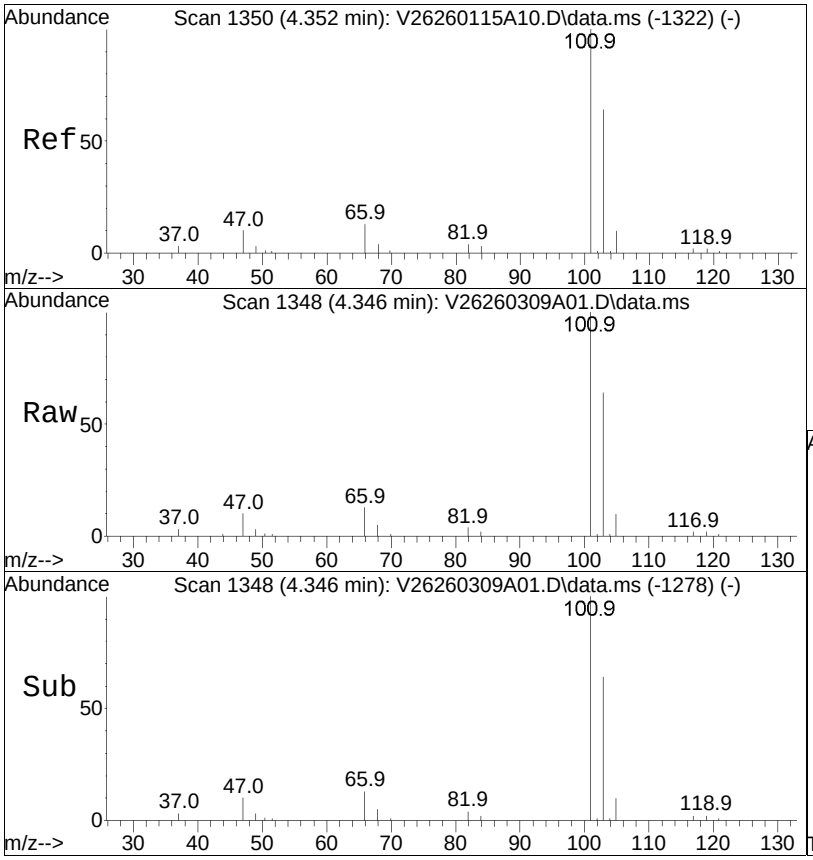


#7
Chloroethane
Concen: 38.67 ug/L
RT: 3.925 min Scan# 1197
Delta R.T. 0.000 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 64 Resp: 427791

Ion	Ratio	Lower	Upper
64	100		
66	28.9	11.3	51.3

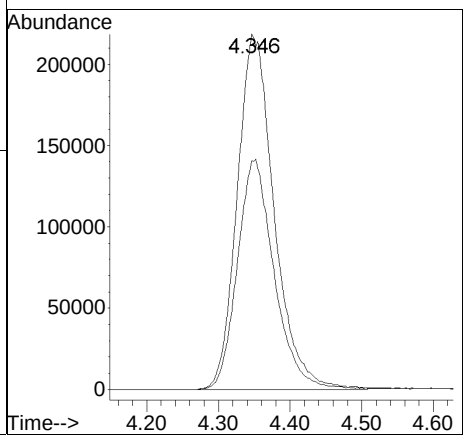


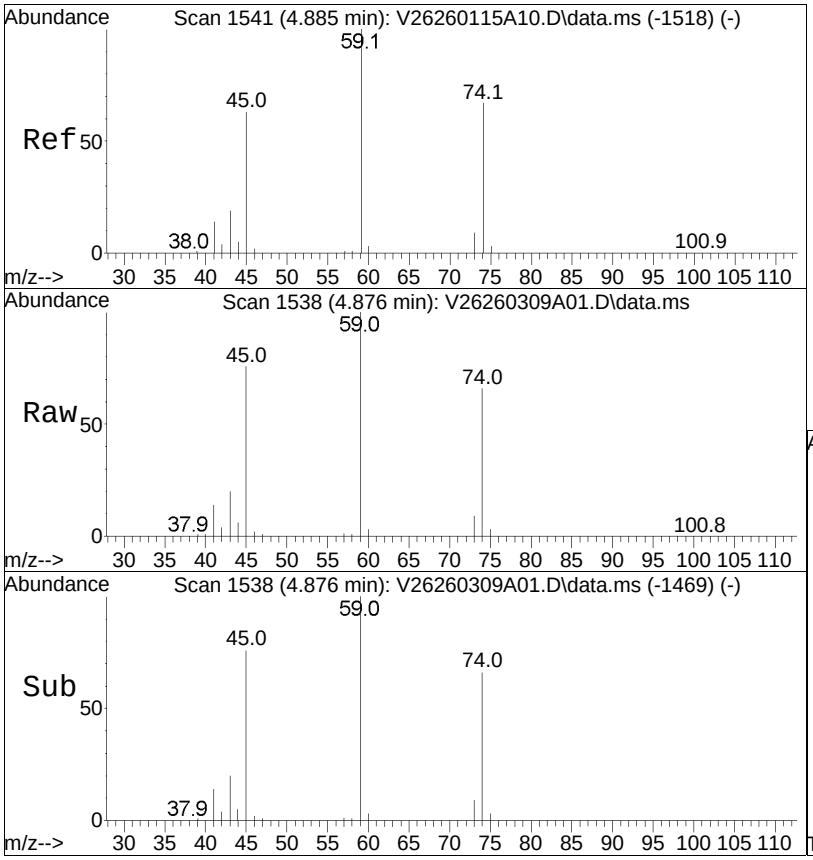


#8
Trichlorofluoromethane
Concen: 37.41 ug/L
RT: 4.346 min Scan# 1348
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:101 Resp: 782738

Ion	Ratio	Lower	Upper
101	100		
103	64.4	50.5	75.7

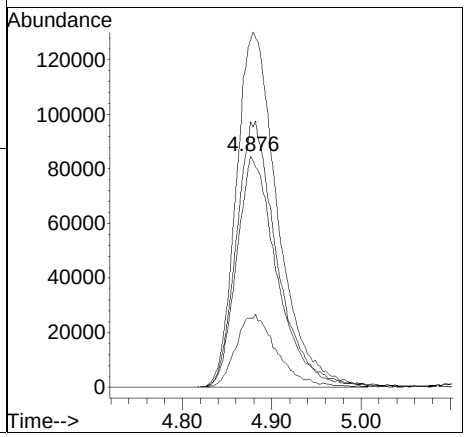


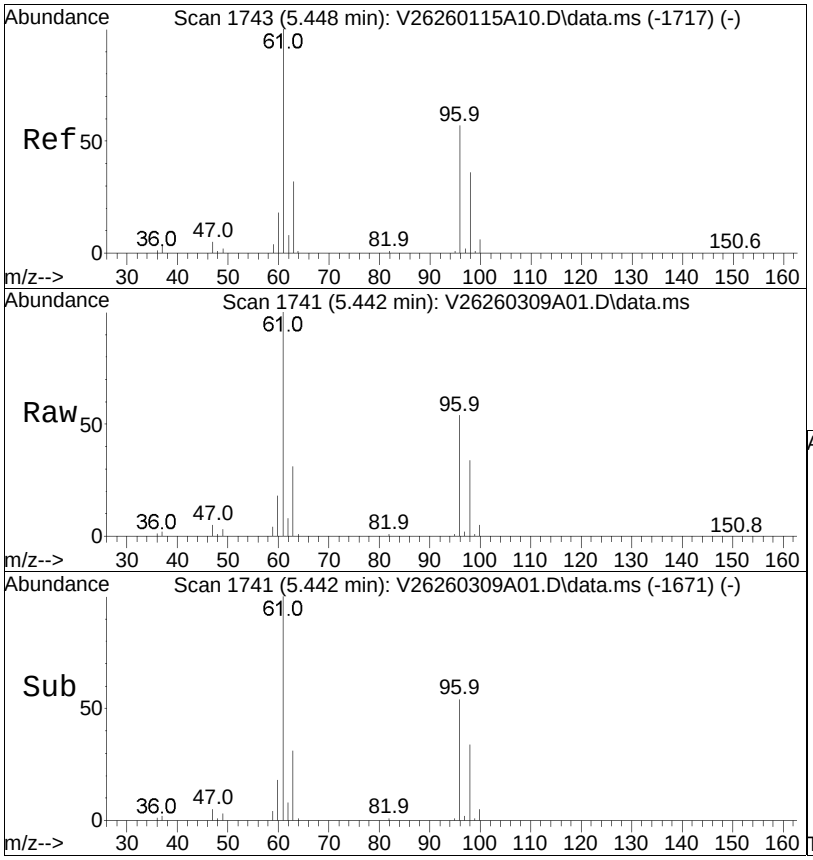


#9
Ethyl ether
Concen: 38.35 ug/L
RT: 4.876 min Scan# 1538
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 74 Resp: 267576

Ion	Ratio	Lower	Upper
74	100		
59	158.0	93.6	194.4
45	115.5	70.7	146.9
43	31.4	19.2	40.0

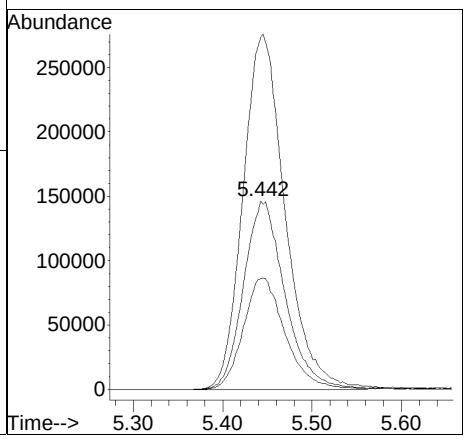


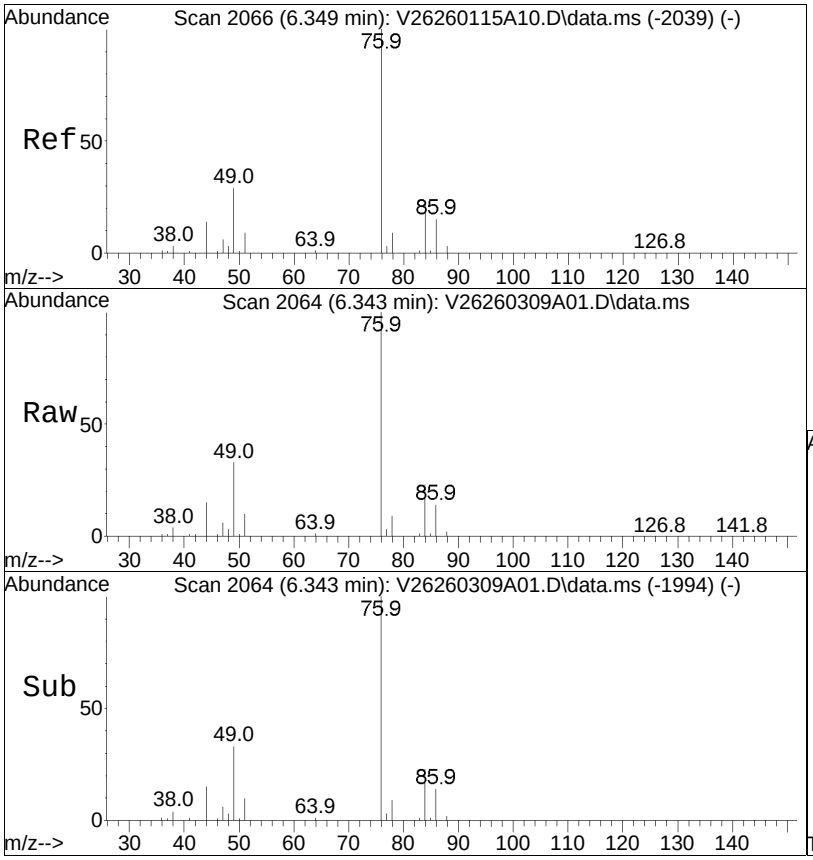


#11
1,1-Dichloroethene
Concen: 37.09 ug/L
RT: 5.442 min Scan# 1741
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 96 Resp: 471265

Ion	Ratio	Lower	Upper
96	100		
61	192.0	133.8	200.8
63	59.5	42.6	63.8

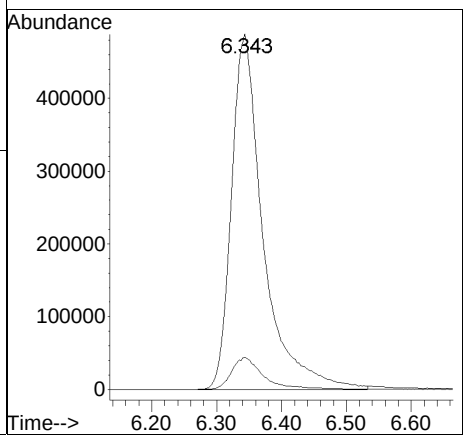


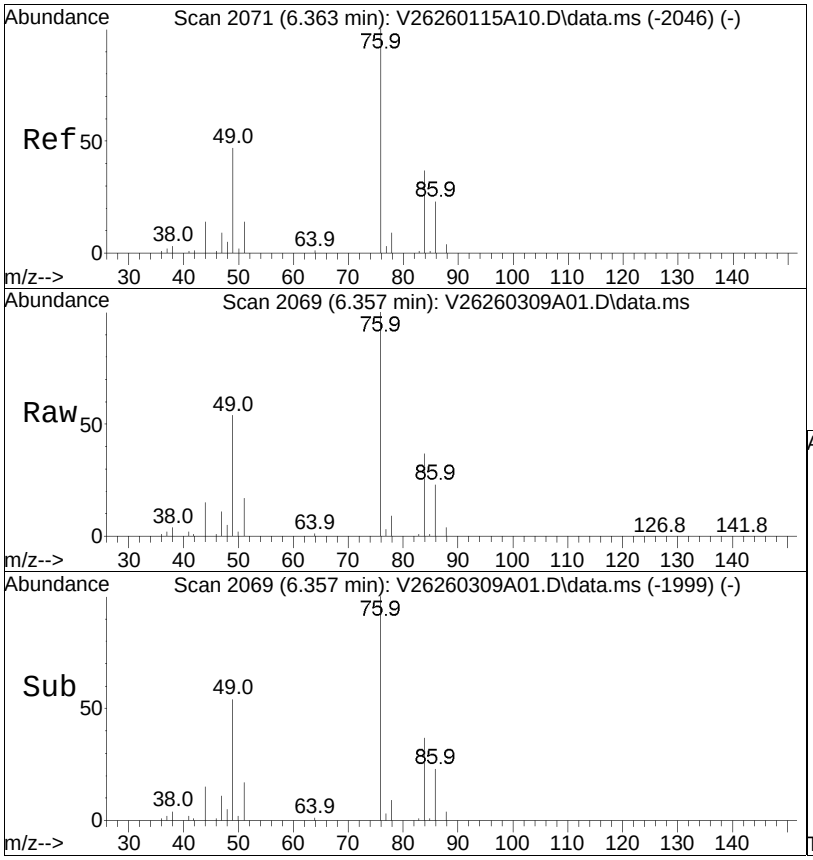


#12
Carbon disulfide
Concen: 37.18 ug/L
RT: 6.343 min Scan# 2064
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 76 Resp: 1657891

Ion	Ratio	Lower	Upper
76	100		
78	9.1	5.9	12.3

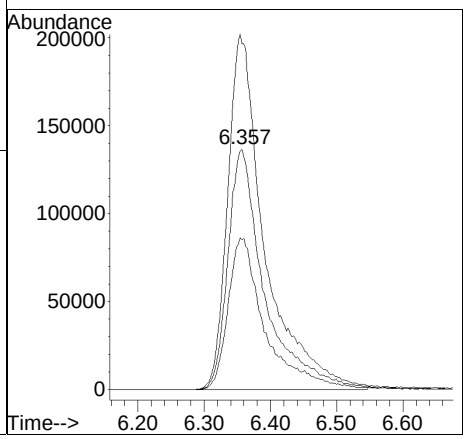


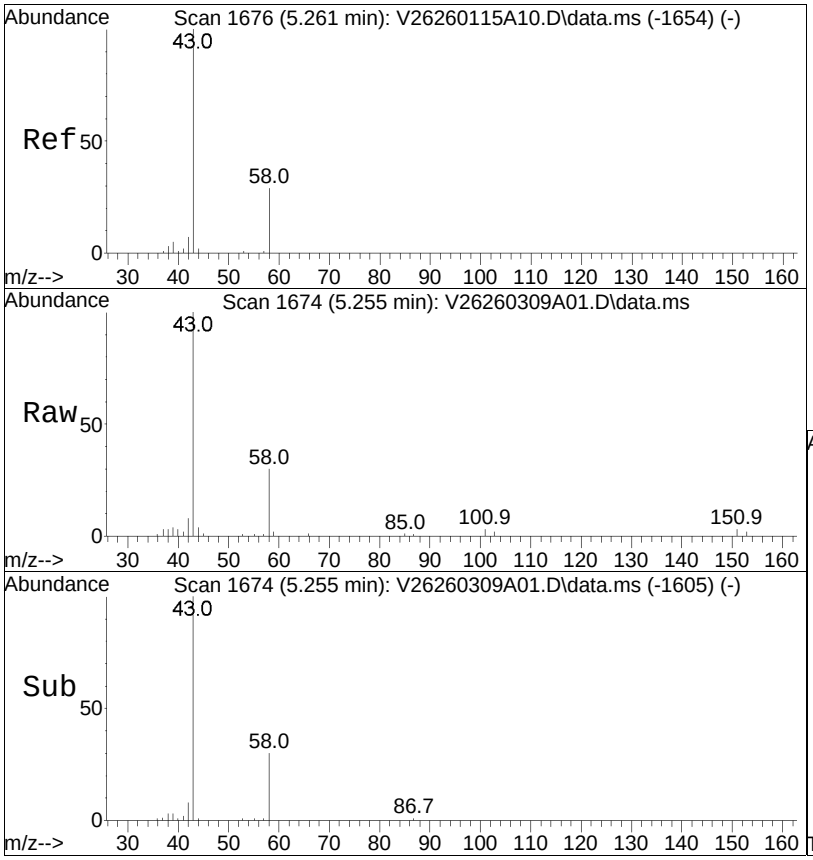


#17
Methylene chloride
Concen: 33.18 ug/L
RT: 6.357 min Scan# 2069
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 84 Resp: 524276

Ion	Ratio	Lower	Upper
84	100		
86	63.8	41.9	87.1
49	149.3	88.1	183.1

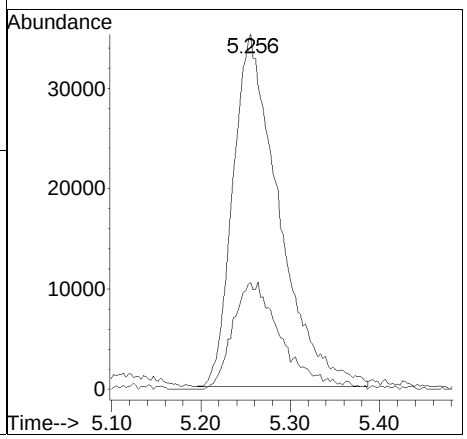


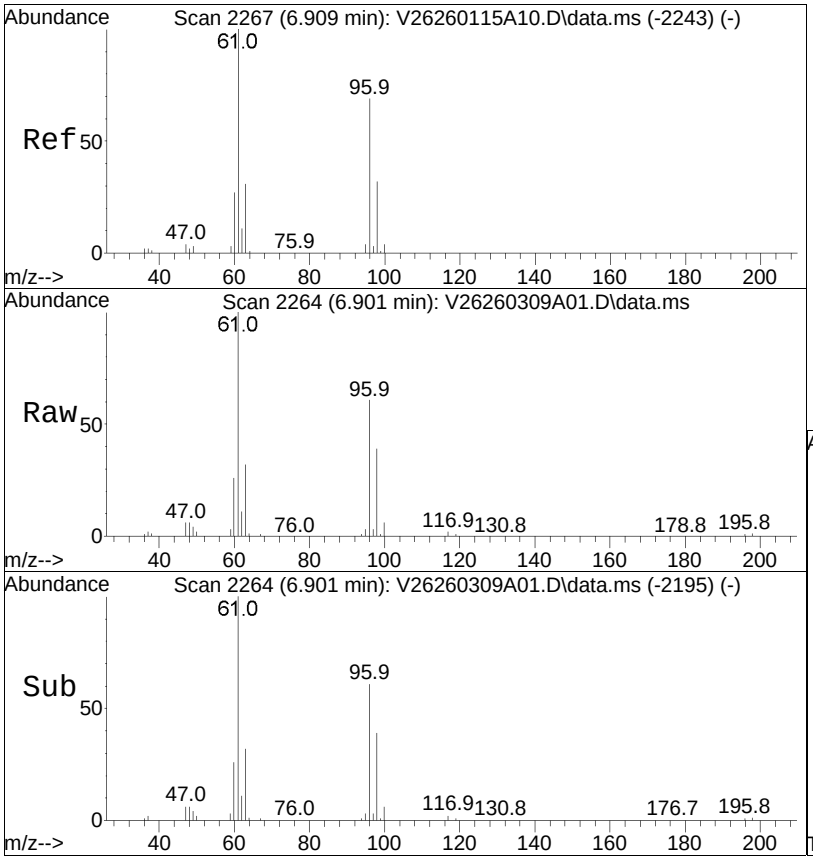


#19
Acetone
Concen: 38.57 ug/L
RT: 5.255 min Scan# 1674
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 43 Resp: 125778

Ion	Ratio	Lower	Upper
43	100		
58	31.8	24.6	37.0

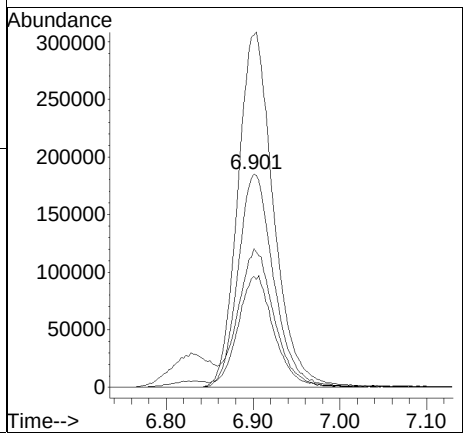


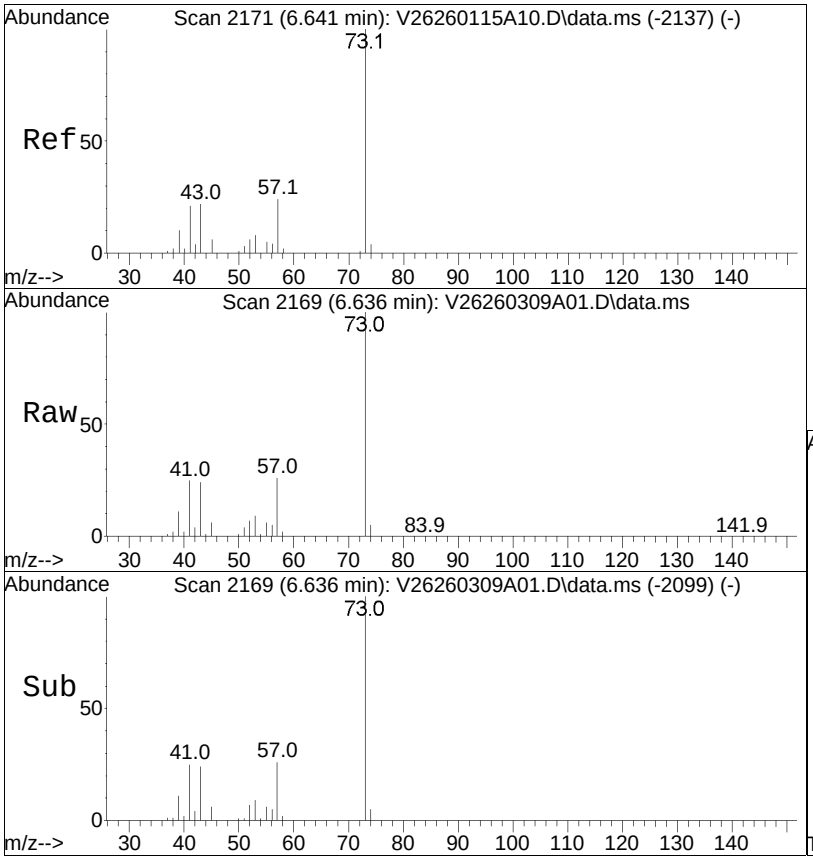


#20
trans-1,2-Dichloroethene
Concen: 37.05 ug/L
RT: 6.901 min Scan# 2264
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 96 Resp: 532417

Ion	Ratio	Lower	Upper
96	100		
61	166.1	94.1	195.5
98	64.5	42.4	88.0
63	51.9	30.4	63.0

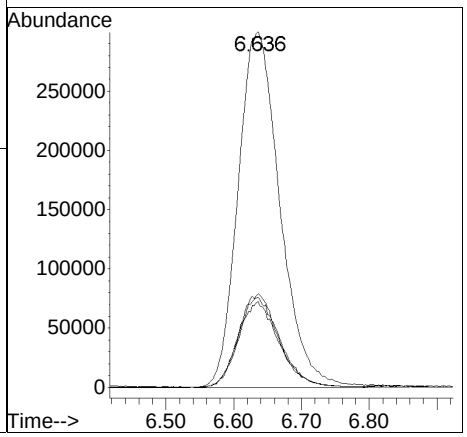


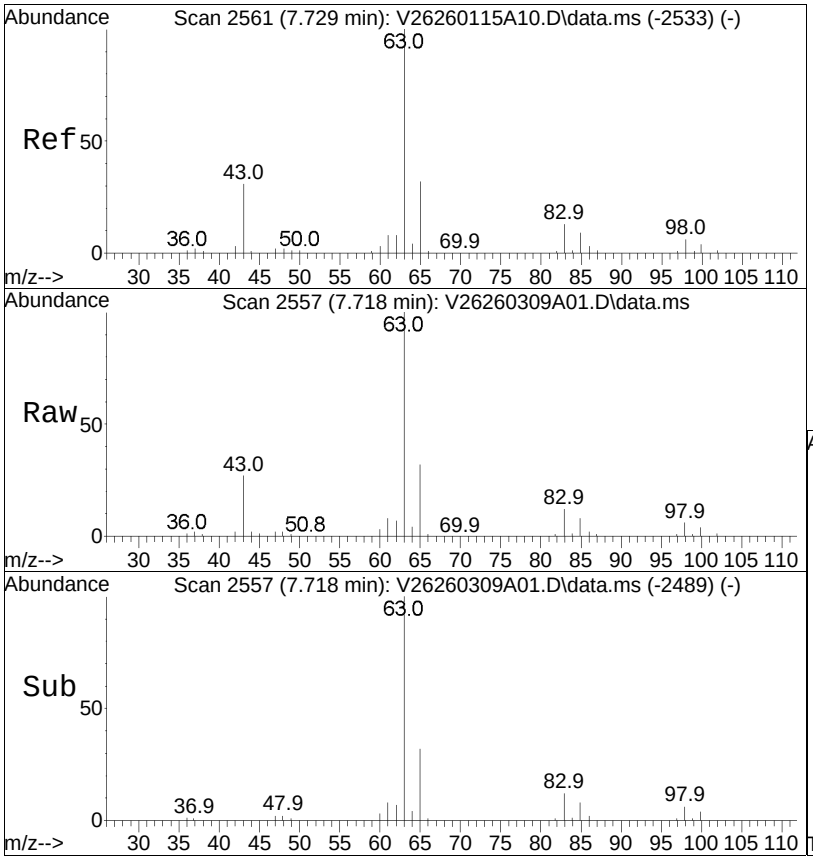


#23
Methyl tert-butyl ether
Concen: 36.84 ug/L
RT: 6.636 min Scan# 2169
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 73 Resp: 1290527

Ion	Ratio	Lower	Upper
73	100		
57	26.1	15.8	32.8
43	23.3	14.7	30.5
41	24.9	14.8	30.8

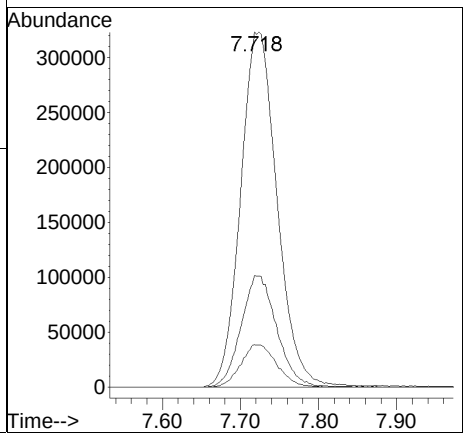


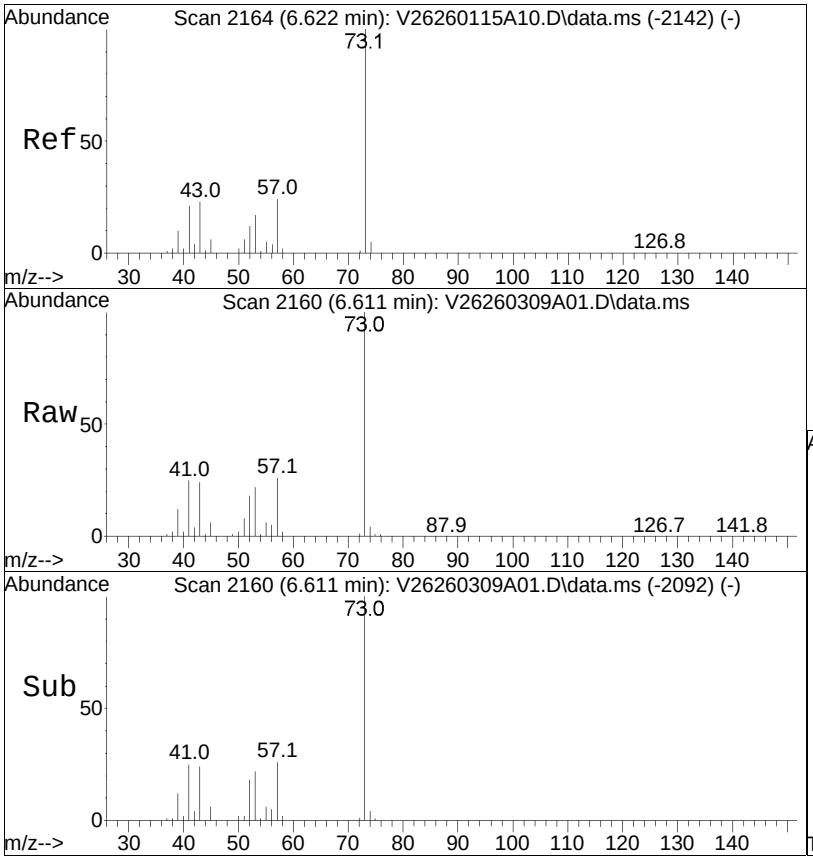


#26
1,1-Dichloroethane
Concen: 39.79 ug/L
RT: 7.718 min Scan# 2557
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 63 Resp: 1053594

Ion	Ratio	Lower	Upper
63	100		
65	31.0	11.3	51.3
83	12.0	0.0	33.1

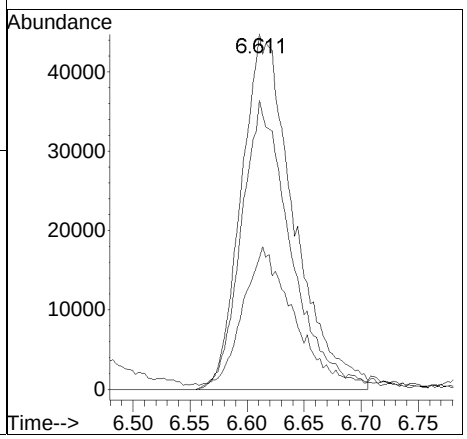


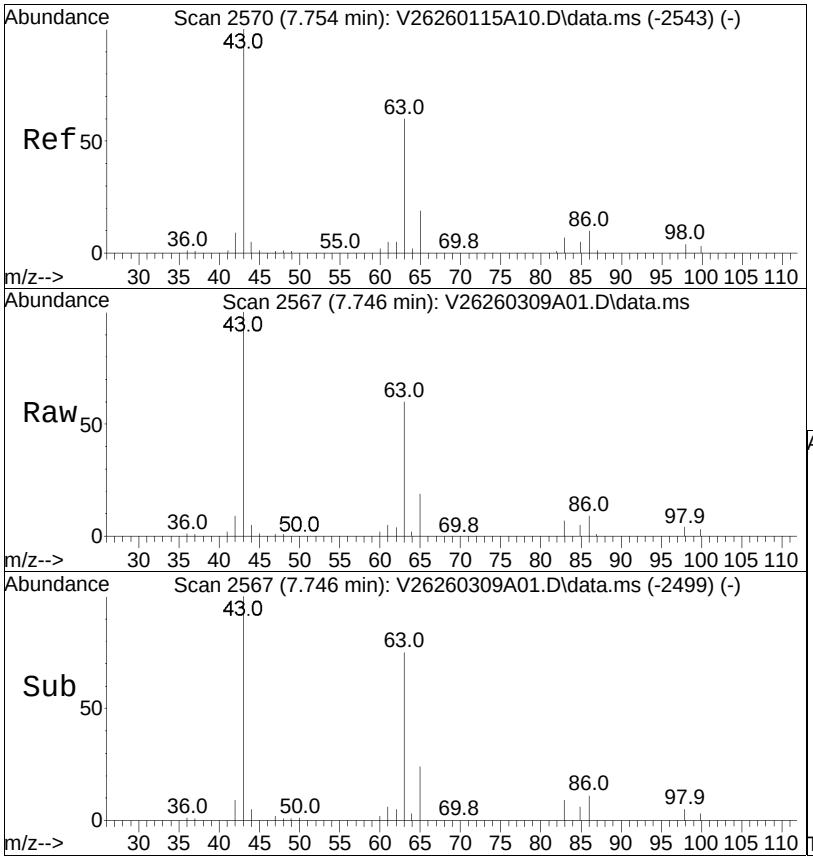


#28
Acrylonitrile
Concen: 42.20 ug/L
RT: 6.611 min Scan# 2160
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 53 Resp: 142706

Ion	Ratio	Lower	Upper
53	100		
52	76.5	62.6	93.8
51	37.7	29.4	44.2

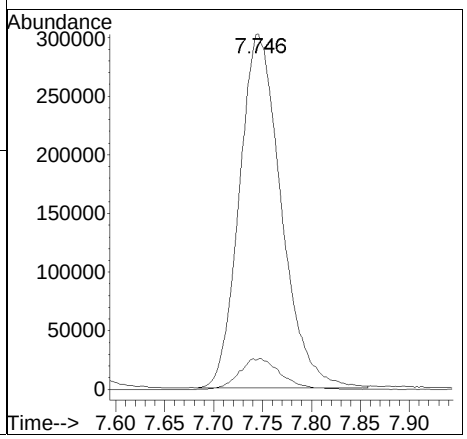


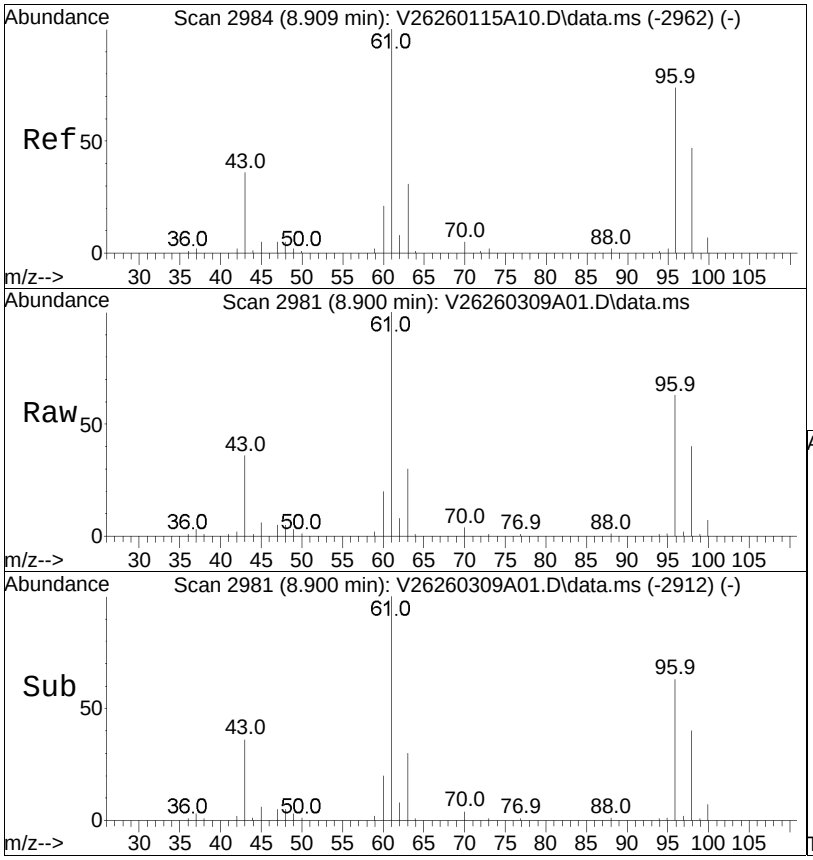


#30
Vinyl acetate
Concen: 41.39 ug/L
RT: 7.746 min Scan# 2567
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 43 Resp: 895790

Ion	Ratio	Lower	Upper
43	100		
86	8.8	7.7	11.5

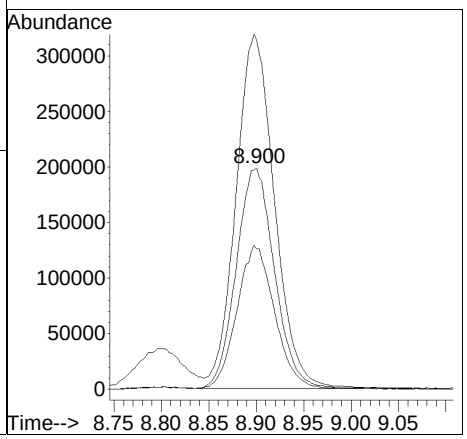


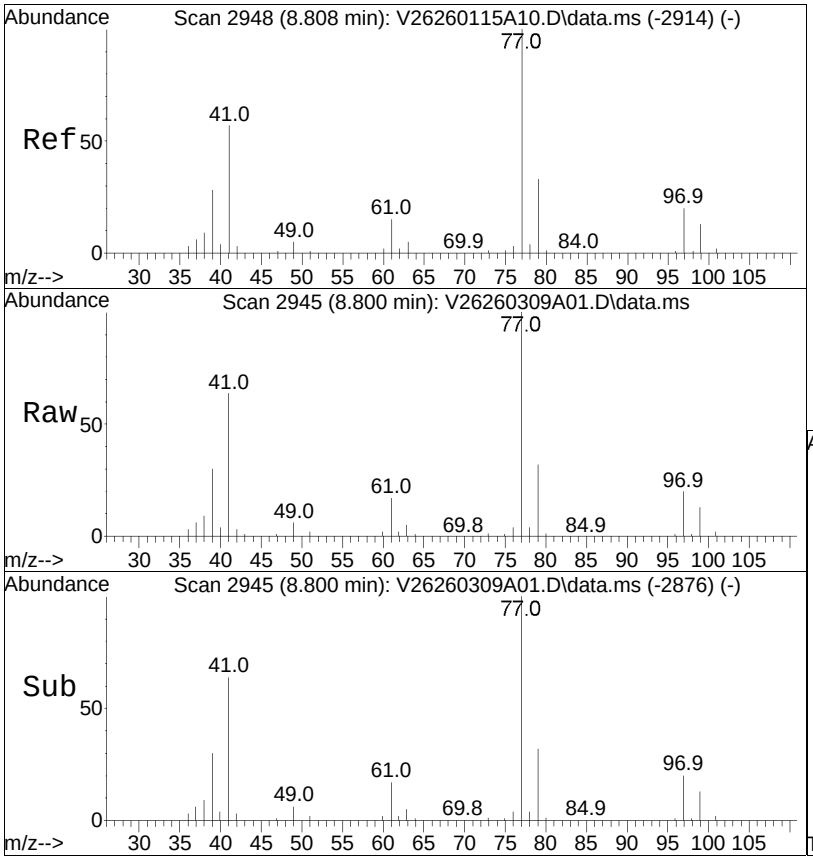


#31
cis-1,2-Dichloroethene
Concen: 35.24 ug/L
RT: 8.900 min Scan# 2981
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 96 Resp: 556768

Ion	Ratio	Lower	Upper
96	100		
61	161.2	117.3	175.9
98	63.4	51.4	77.0

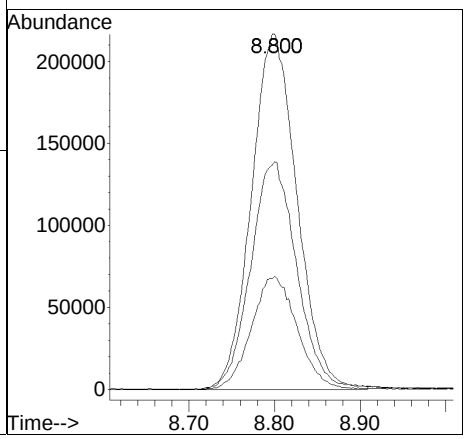


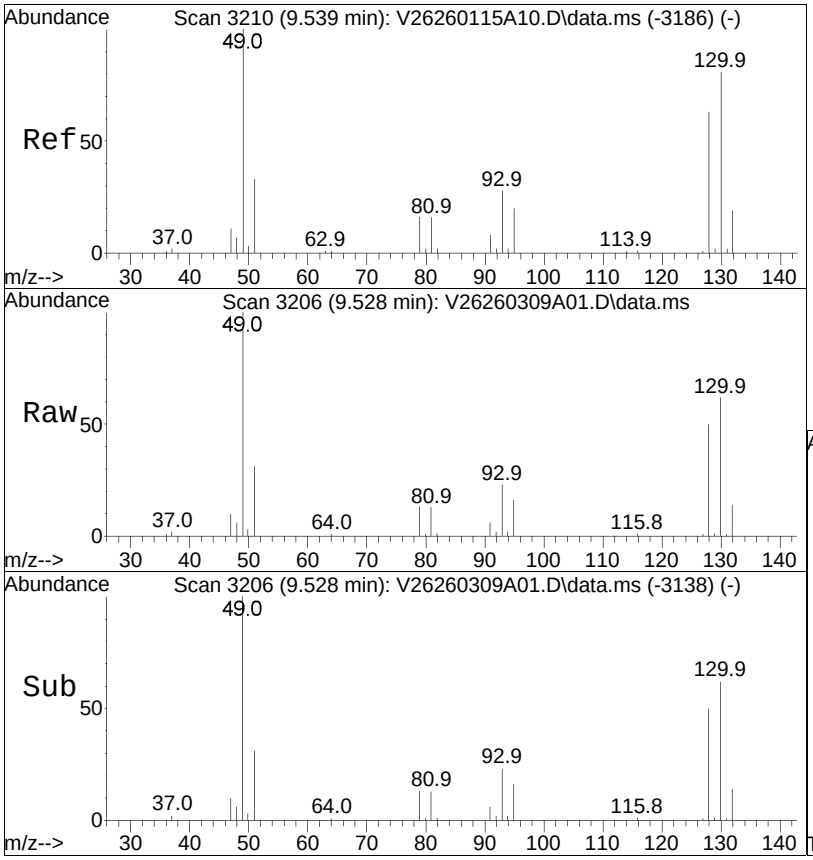


#32
2,2-Dichloropropane
Concen: 37.15 ug/L
RT: 8.800 min Scan# 2945
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 77 Resp: 801972

Ion	Ratio	Lower	Upper
77	100		
41	64.7	40.4	83.8
79	32.0	20.9	43.5

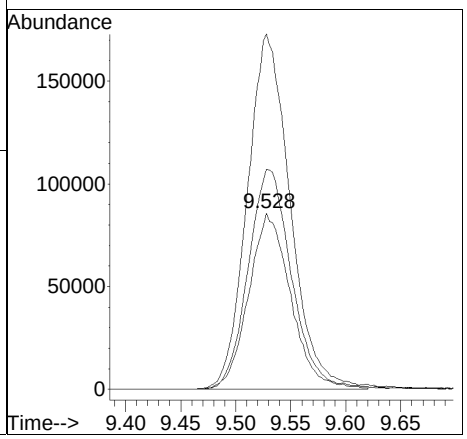


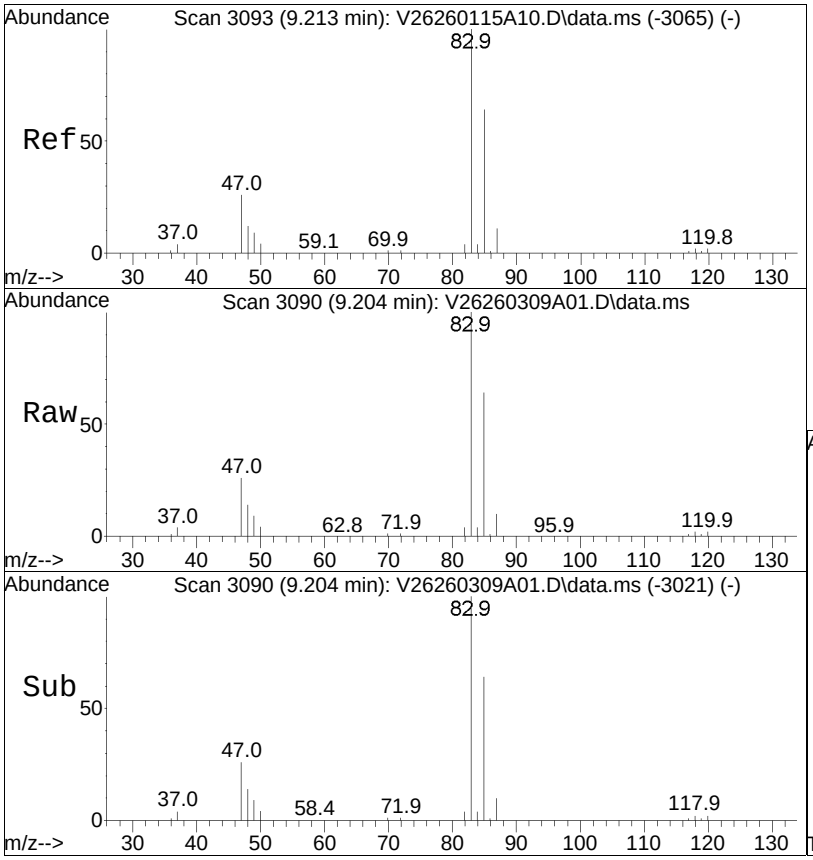


#33
Bromochloromethane
Concen: 34.44 ug/L
RT: 9.528 min Scan# 3206
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:128 Resp: 228273

Ion	Ratio	Lower	Upper
128	100		
49	205.4	139.0	208.4
130	128.9	102.9	154.3

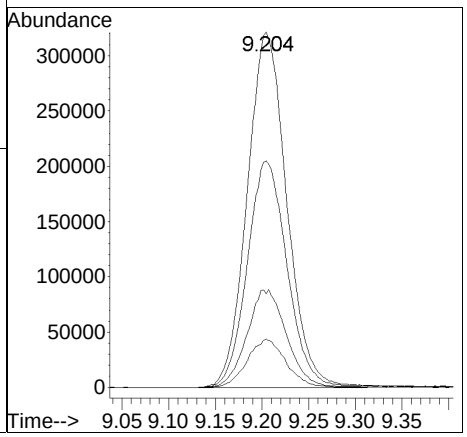


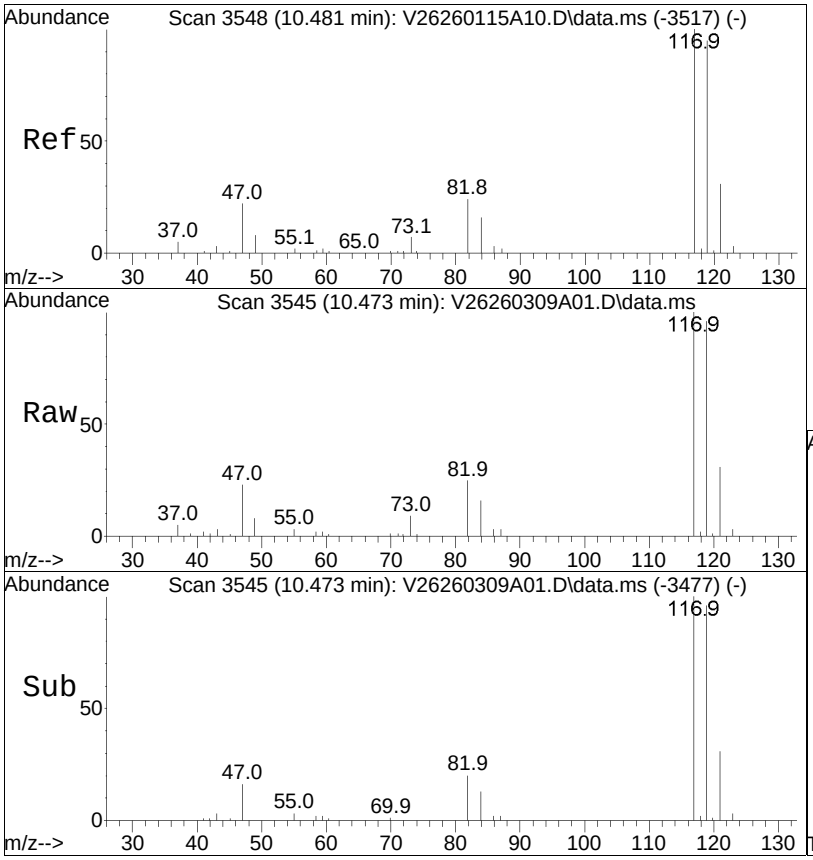


#35
Chloroform
Concen: 34.63 ug/L
RT: 9.204 min Scan# 3090
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 83 Resp: 945452

Ion	Ratio	Lower	Upper
83	100		
85	64.4	42.3	87.9
47	27.6	17.3	35.9
48	13.4	8.3	17.3

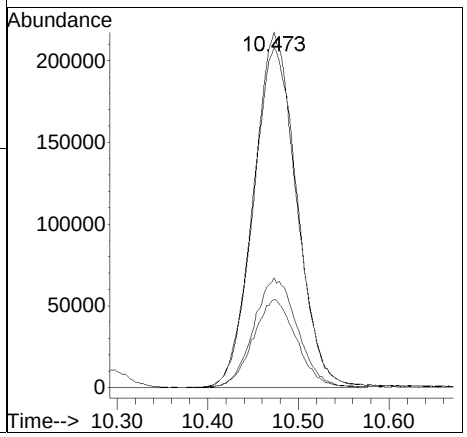


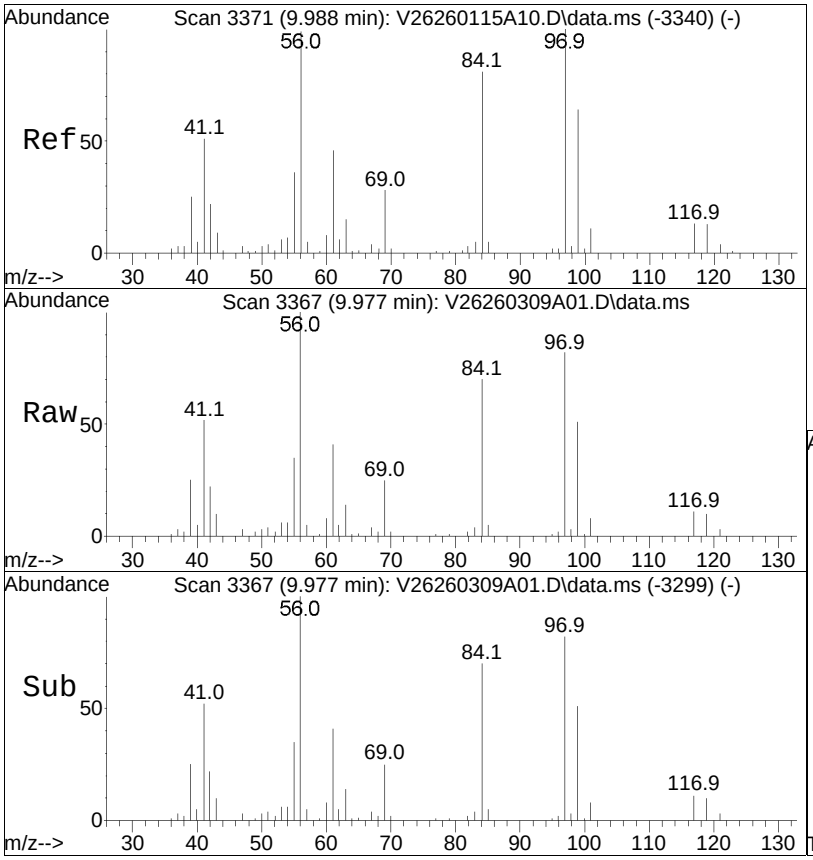


#37
Carbon tetrachloride
Concen: 35.39 ug/L
RT: 10.473 min Scan# 3545
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:117 Resp: 720123

Ion	Ratio	Lower	Upper
117	100		
119	96.9	62.5	129.9
121	31.1	20.3	42.1
82	24.9	15.5	32.1

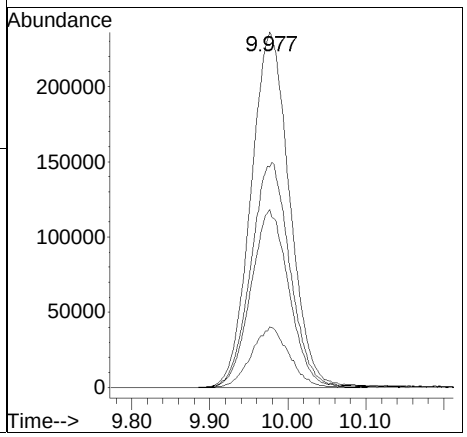


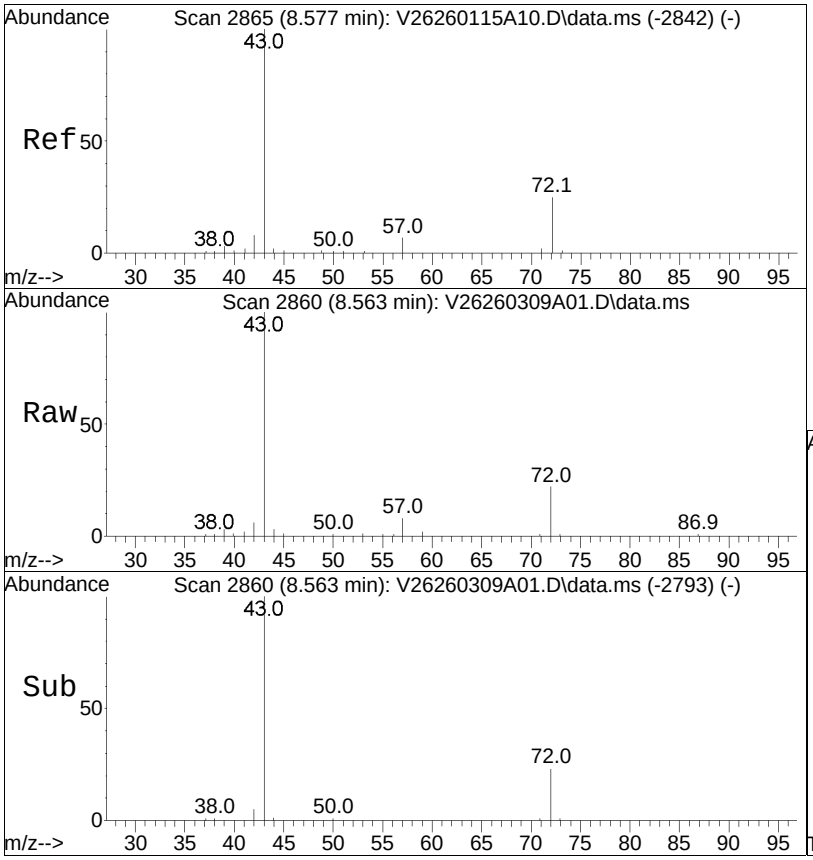


#40
1,1,1-Trichloroethane
Concen: 36.79 ug/L
RT: 9.977 min Scan# 3367
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 97 Resp: 814064

Ion	Ratio	Lower	Upper
97	100		
99	63.7	41.9	86.9
61	49.9	29.7	61.7
63	16.6	9.9	20.5

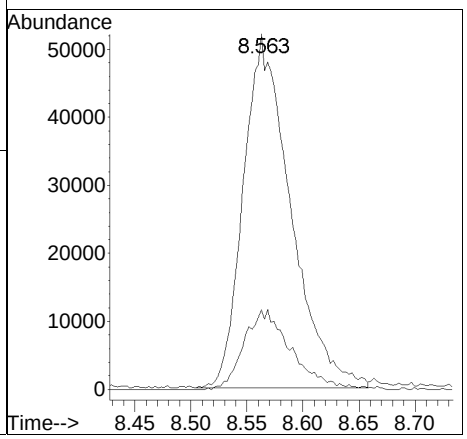


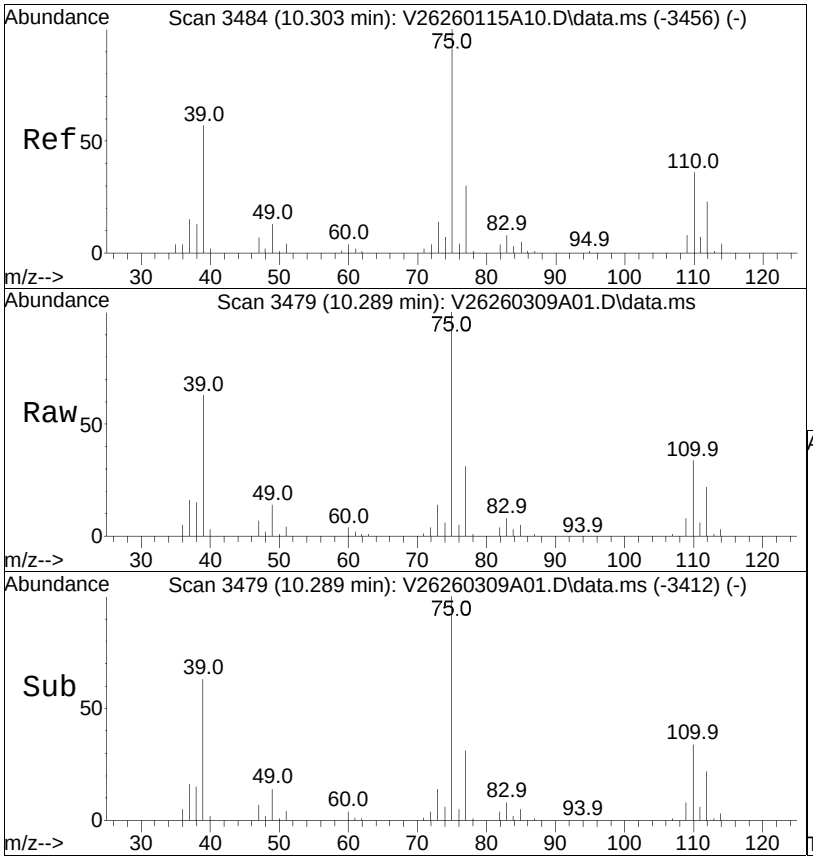


#42
2-Butanone
Concen: 37.21 ug/L
RT: 8.563 min Scan# 2860
Delta R.T. -0.014 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 43 Resp: 152660

Ion	Ratio	Lower	Upper
43	100		
72	22.3	18.7	28.1

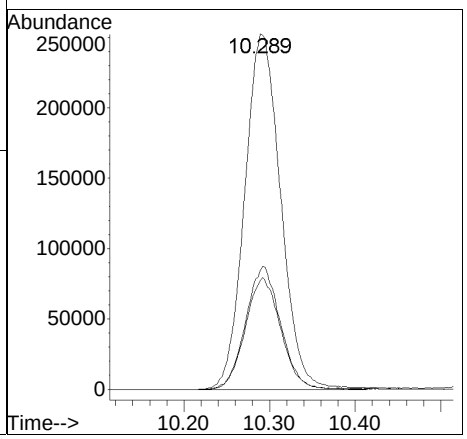


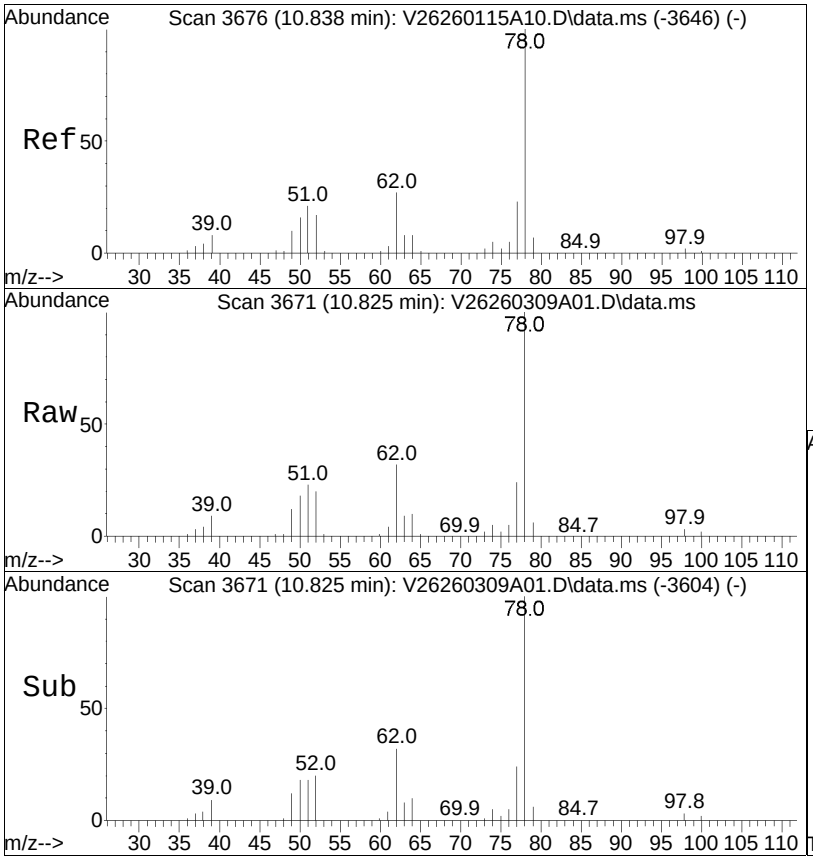


#43
1,1-Dichloropropene
Concen: 40.06 ug/L
RT: 10.289 min Scan# 3479
Delta R.T. -0.014 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 75 Resp: 738313

Ion	Ratio	Lower	Upper
75	100		
110	33.5	23.9	49.7
77	30.8	20.2	42.0

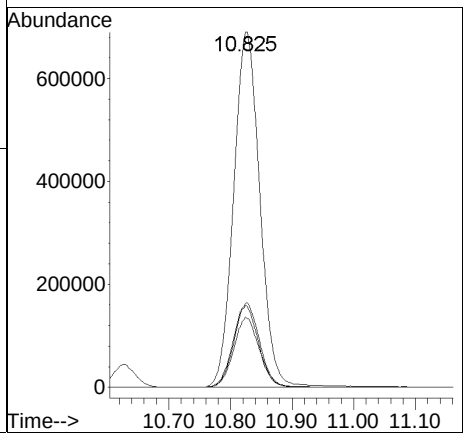


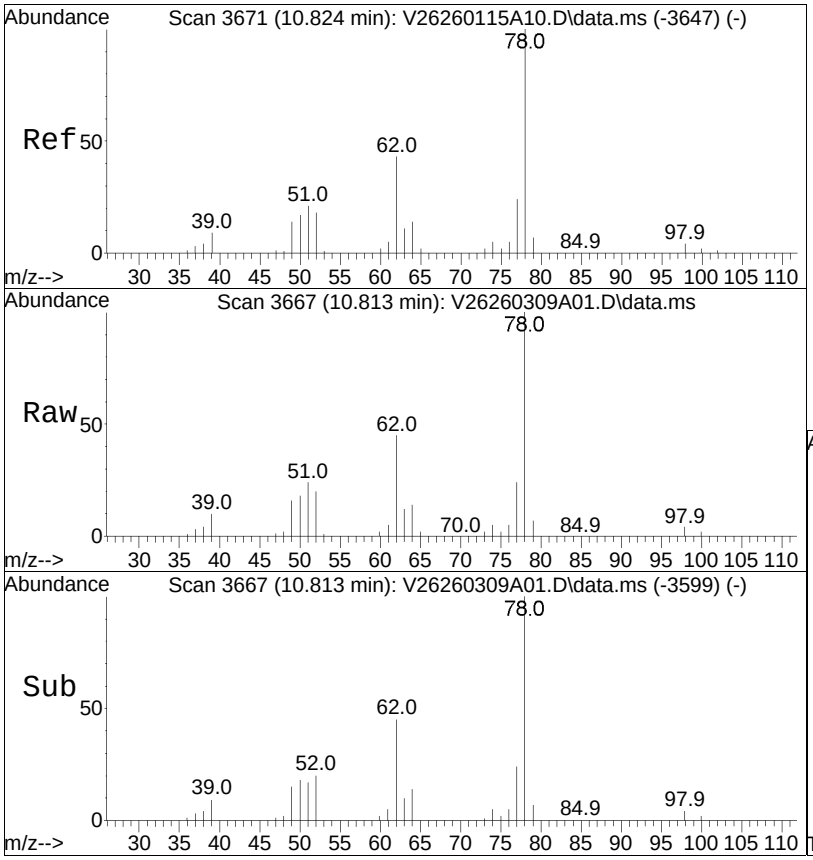


#45
Benzene
Concen: 38.05 ug/L
RT: 10.825 min Scan# 3671
Delta R.T. -0.014 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 78 Resp: 2048174

Ion	Ratio	Lower	Upper
78	100		
77	23.2	15.6	32.4
51	22.6	14.3	29.7
52	19.2	11.9	24.7

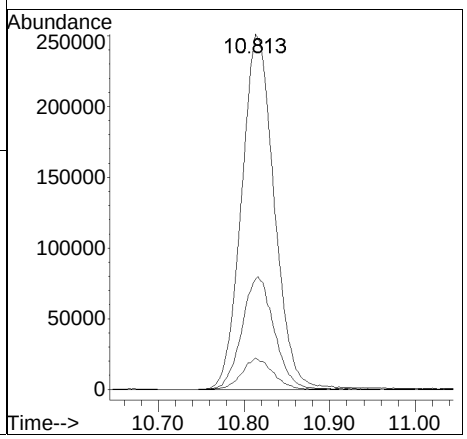


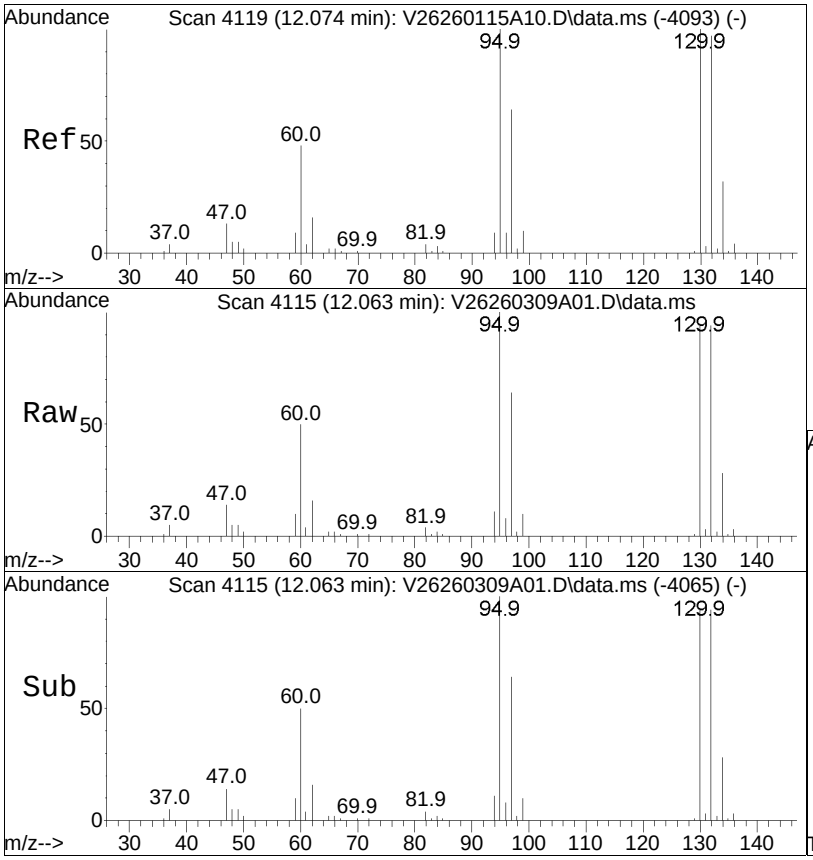


#48
1,2-Dichloroethane
Concen: 36.92 ug/L
RT: 10.813 min Scan# 3667
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 62 Resp: 667089

Ion	Ratio	Lower	Upper
62	100		
64	31.3	12.0	52.0
98	8.3	0.0	29.3

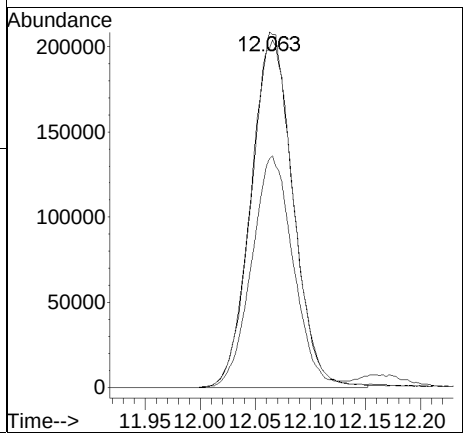


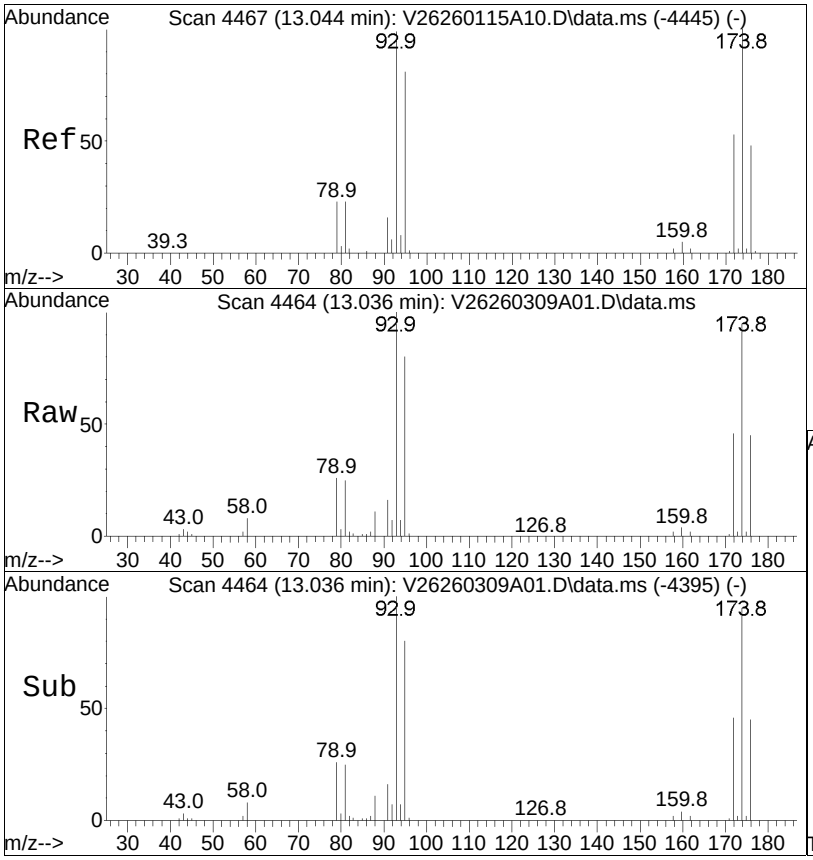


#52
Trichloroethene
Concen: 36.79 ug/L
RT: 12.063 min Scan# 4115
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 95 Resp: 554344

Ion	Ratio	Lower	Upper
95	100		
97	64.7	51.3	76.9
130	98.4	84.5	126.7

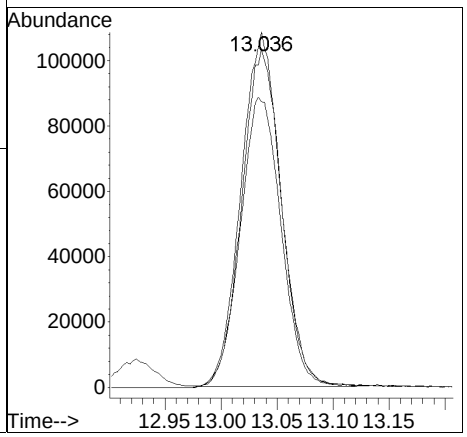


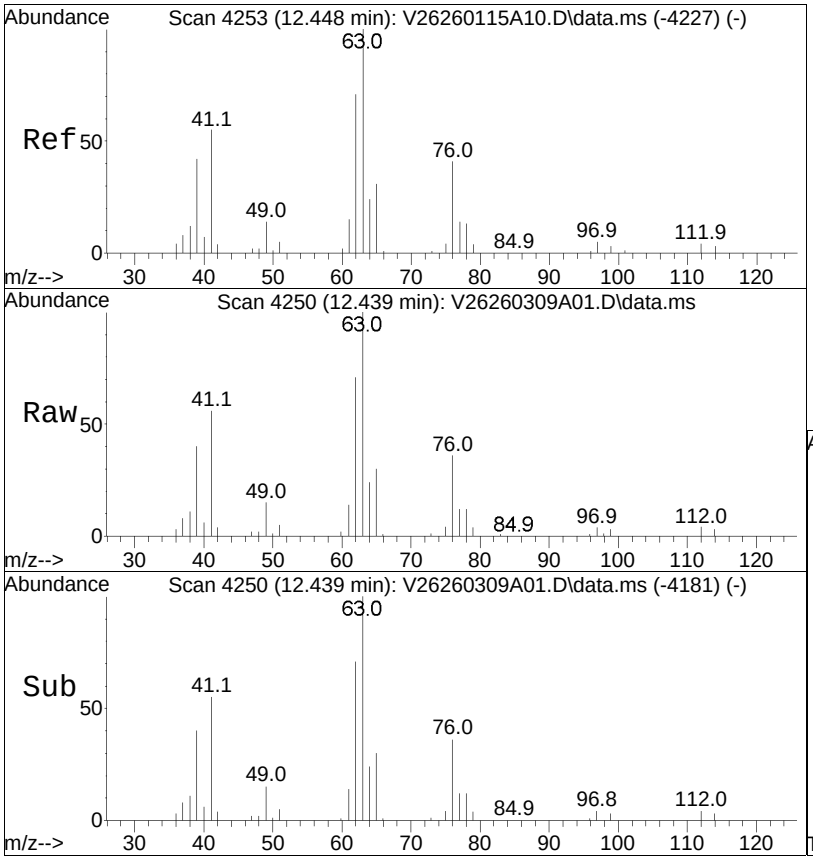


#54
Dibromomethane
Concen: 34.57 ug/L
RT: 13.036 min Scan# 4464
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 93 Resp: 268439

Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.8	100.2
174	95.7	79.5	119.3

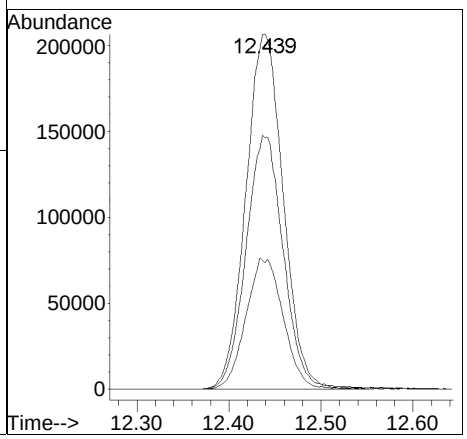


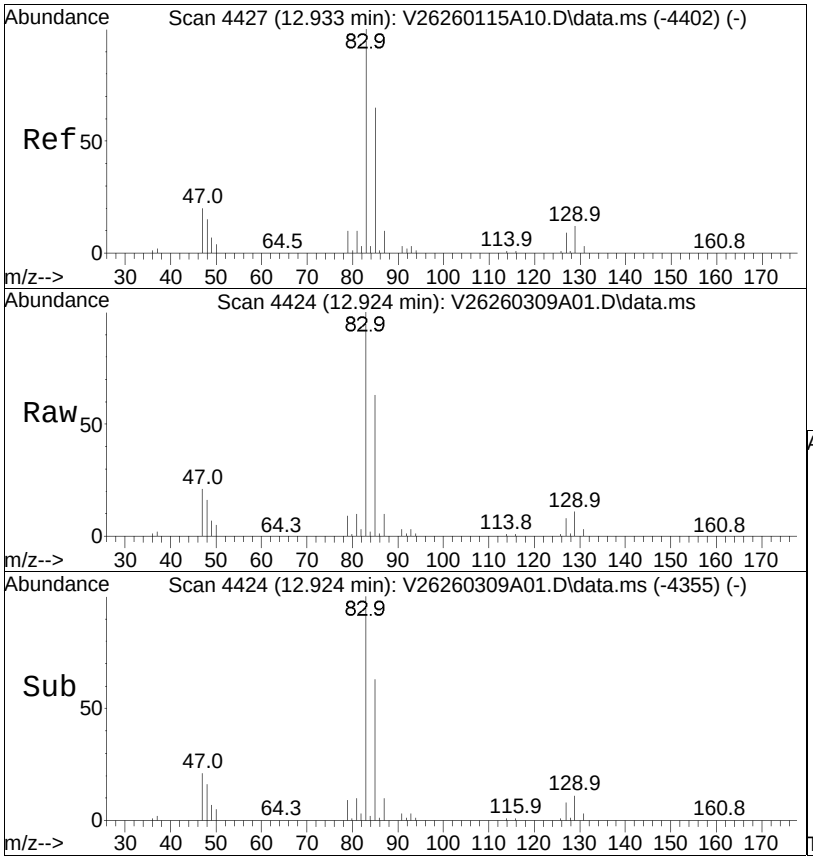


#55
1,2-Dichloropropane
Concen: 39.95 ug/L
RT: 12.439 min Scan# 4250
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 63 Resp: 586165

Ion	Ratio	Lower	Upper
63	100		
62	70.9	57.3	85.9
76	36.9	31.9	47.9

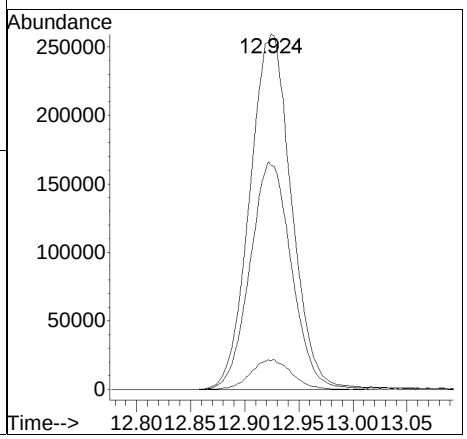


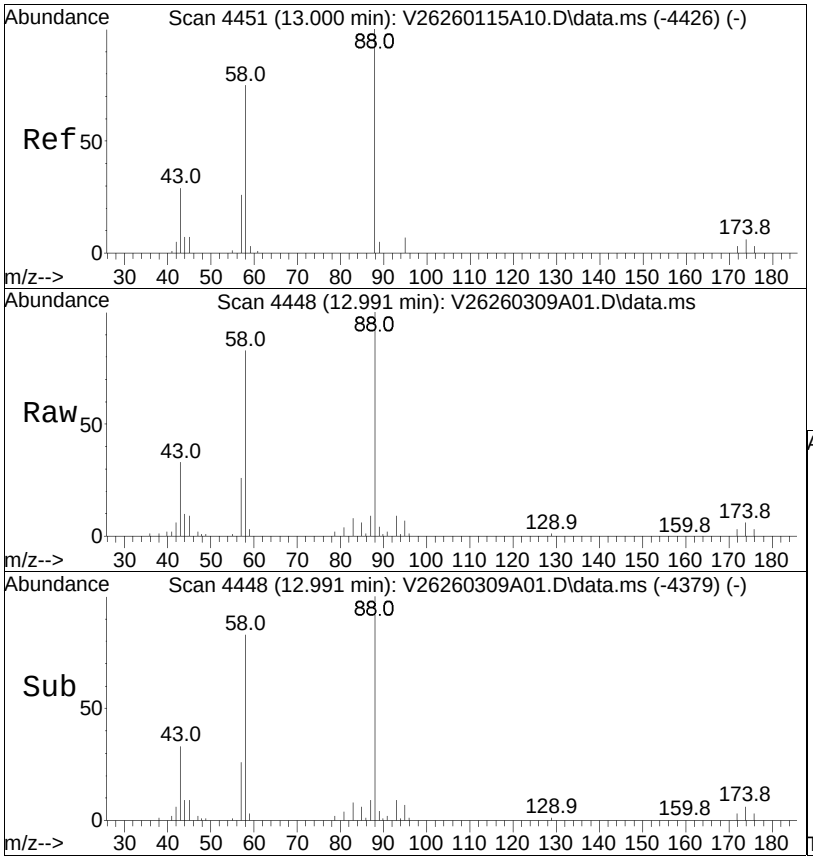


#58
Bromodichloromethane
Concen: 35.48 ug/L
RT: 12.924 min Scan# 4424
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 83 Resp: 694942

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.4	77.0
127	8.2	7.1	10.7

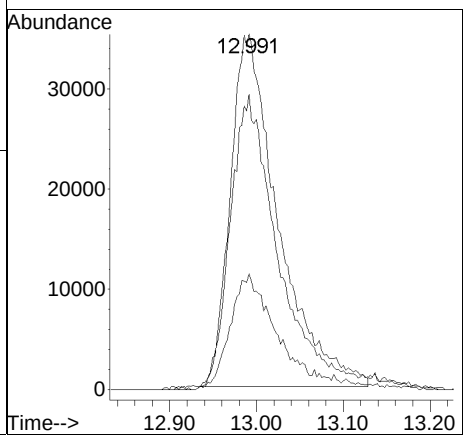


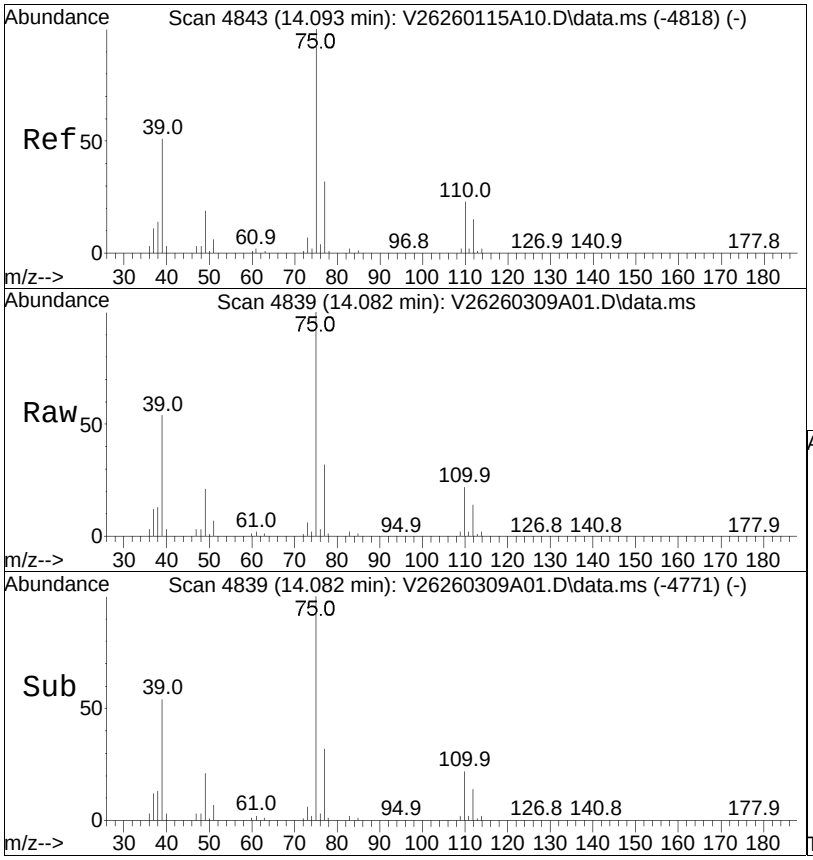


#61
1,4-Dioxane
Concen: 1717.34 ug/L
RT: 12.991 min Scan# 4448
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 88 Resp: 135453

Ion	Ratio	Lower	Upper
88	100		
58	83.0	57.0	85.4
43	30.3	20.4	30.6

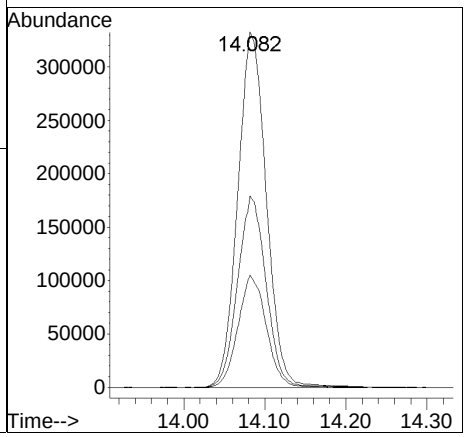


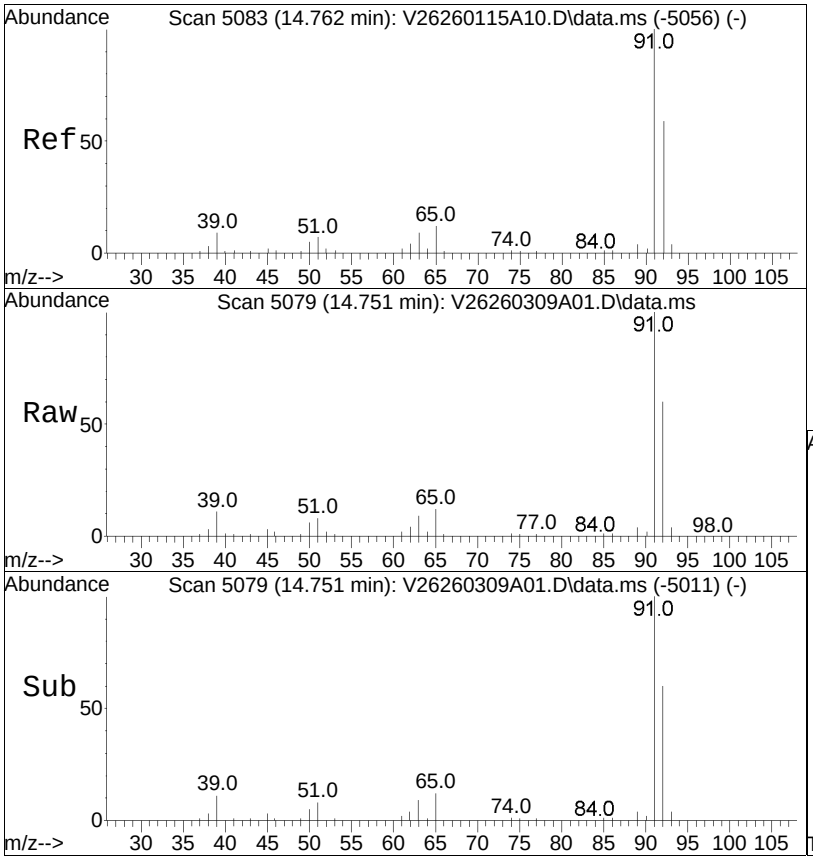


#62
cis-1,3-Dichloropropene
Concen: 37.19 ug/L
RT: 14.082 min Scan# 4839
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 75 Resp: 814691

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.5	38.3
39	53.6	43.7	65.5

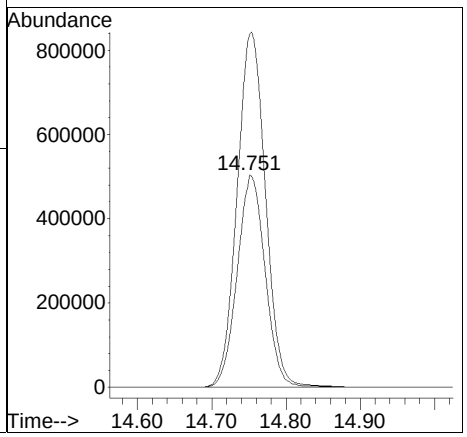


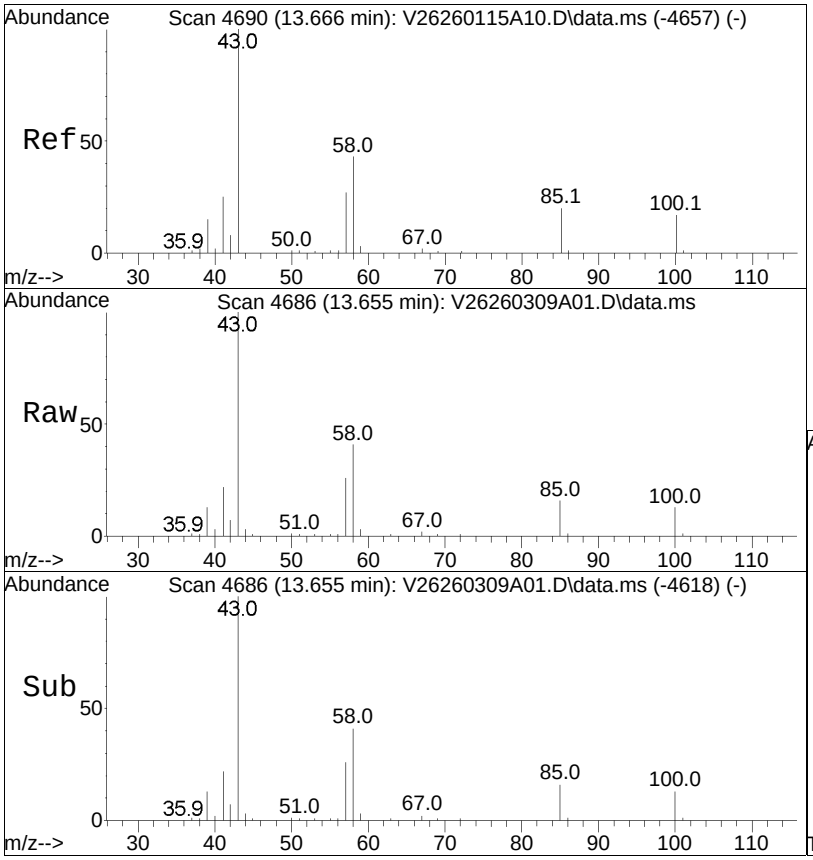


#66
Toluene
Concen: 38.51 ug/L
RT: 14.751 min Scan# 5079
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 92 Resp: 1322645

Ion	Ratio	Lower	Upper
92	100		
91	169.4	132.2	198.2

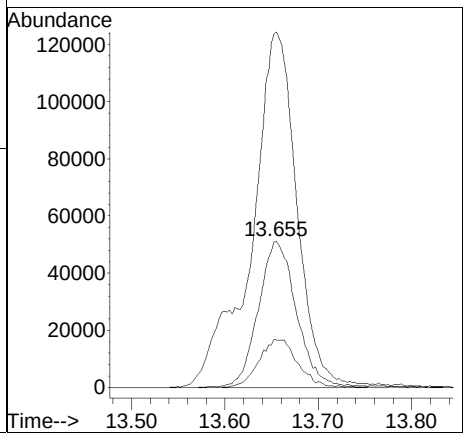


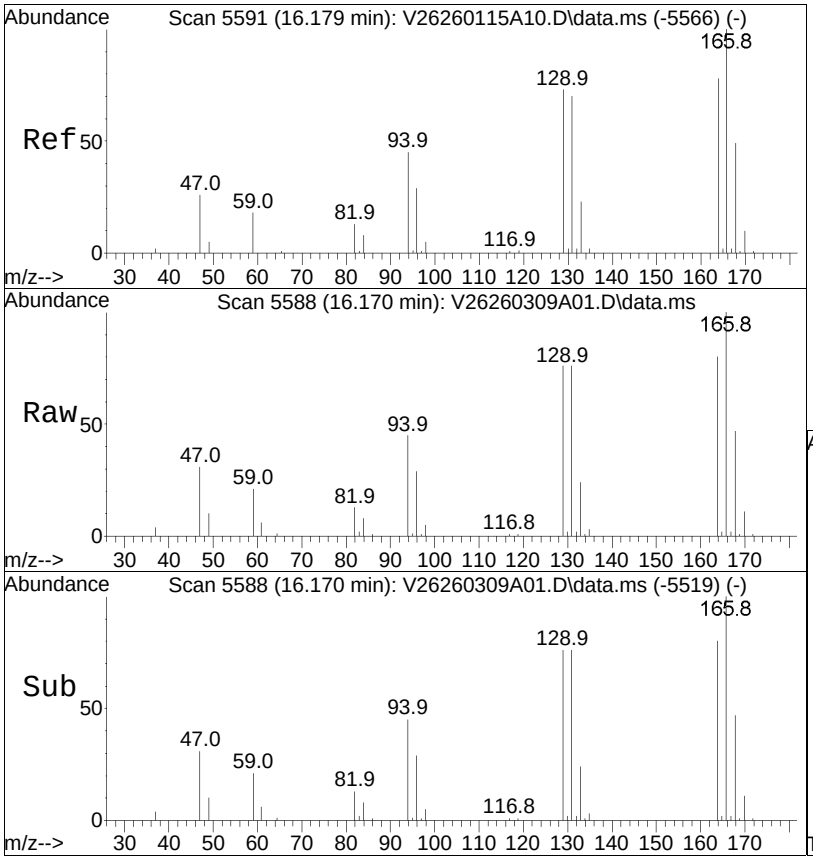


#67
4-Methyl-2-pentanone
Concen: 41.06 ug/L
RT: 13.655 min Scan# 4686
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 58 Resp: 145360

Ion	Ratio	Lower	Upper
58	100		
100	33.2	29.7	44.5
43	245.9	202.8	304.2

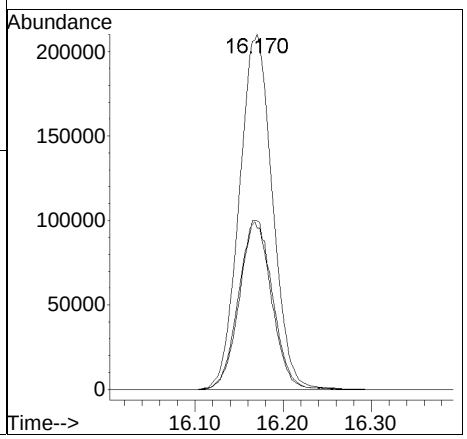


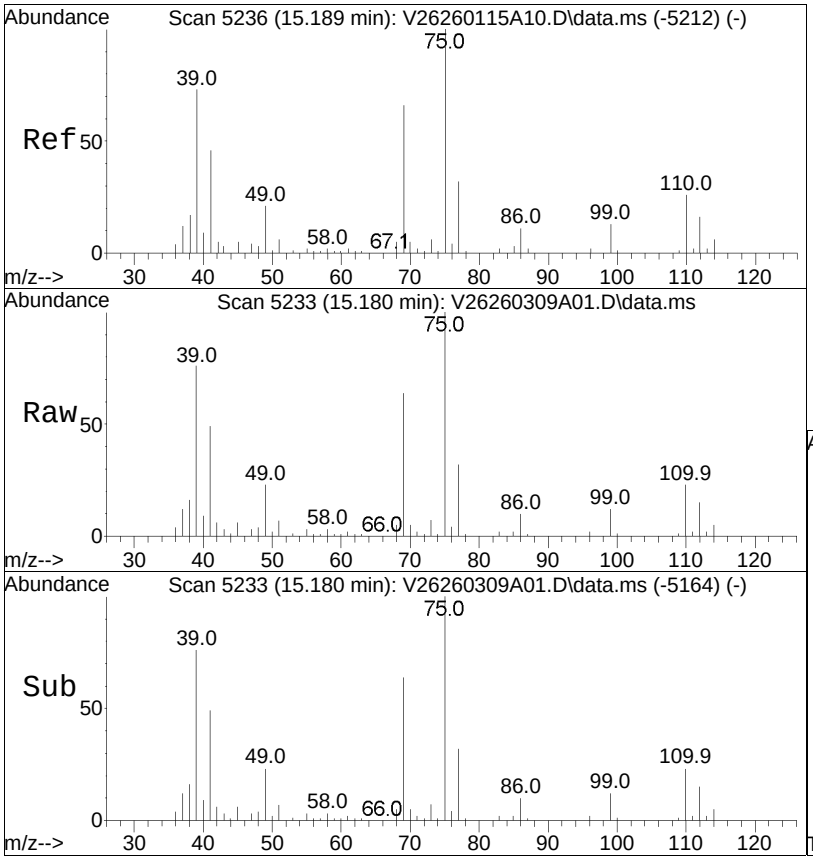


#68
Tetrachloroethene
Concen: 36.65 ug/L
RT: 16.170 min Scan# 5588
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:166 Resp: 549965

Ion	Ratio	Lower	Upper
166	100		
168	47.9	27.8	67.8
94	47.4	24.4	64.4

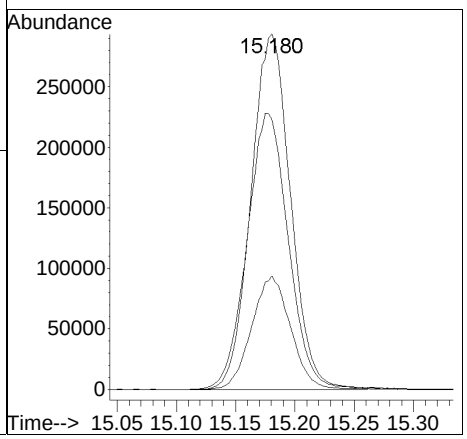


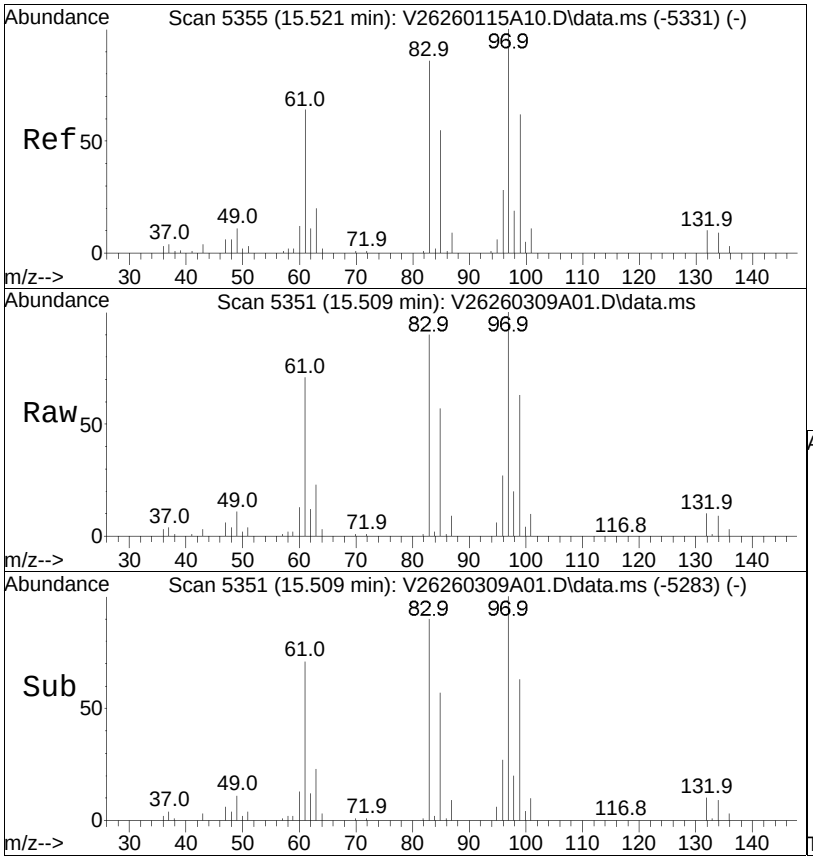


#71
trans-1,3-Dichloropropene
Concen: 38.93 ug/L
RT: 15.180 min Scan# 5233
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 75 Resp: 680907

Ion	Ratio	Lower	Upper
75	100		
77	31.5	11.8	51.8
39	81.3	66.6	106.6

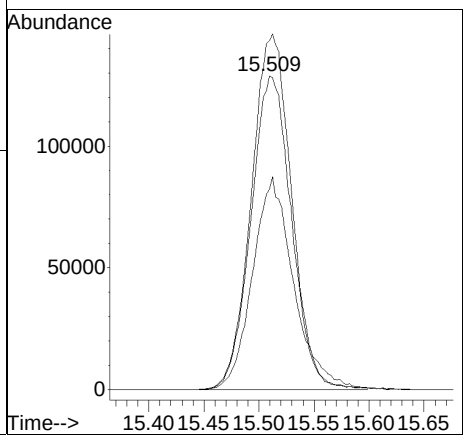


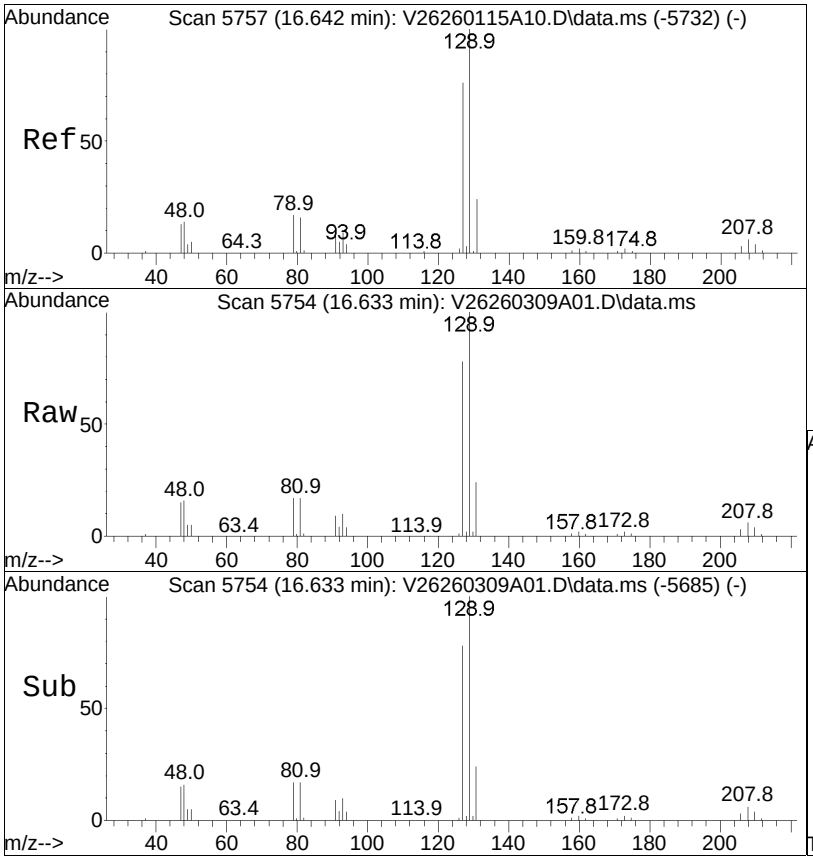


#75
1,1,2-Trichloroethane
Concen: 38.84 ug/L
RT: 15.509 min Scan# 5351
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 83 Resp: 329975

Ion	Ratio	Lower	Upper
83	100		
97	112.5	97.2	137.2
85	68.8	52.0	92.0

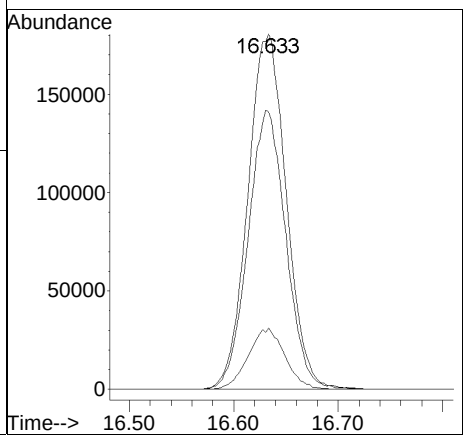


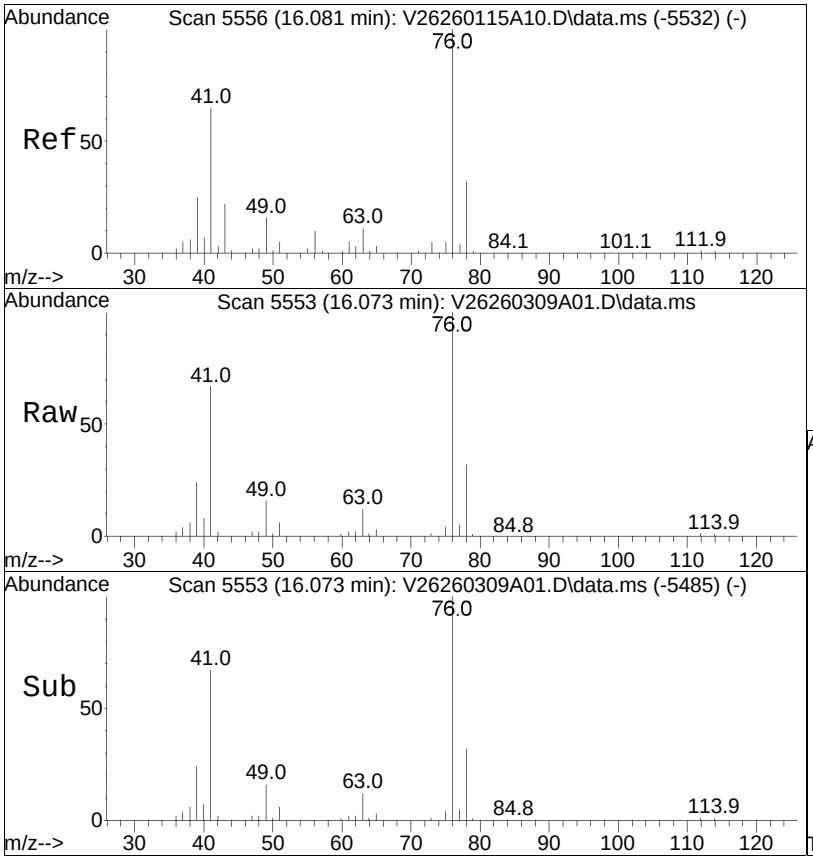


#76
Chlorodibromomethane
Concen: 35.88 ug/L
RT: 16.633 min Scan# 5754
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:129 Resp: 462330

Ion	Ratio	Lower	Upper
129	100		
81	16.5	0.0	35.0
127	77.2	57.6	97.6

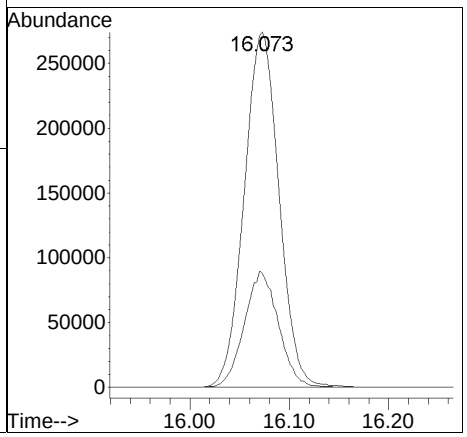


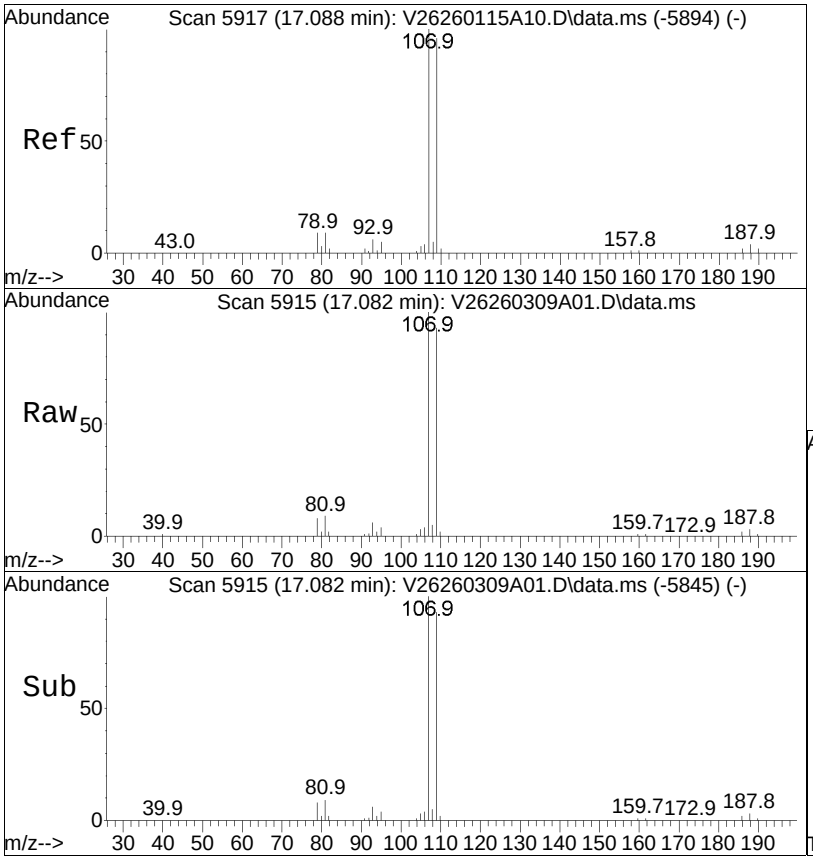


#77
1,3-Dichloropropane
Concen: 38.87 ug/L
RT: 16.073 min Scan# 5553
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 76 Resp: 668382

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.9	38.9

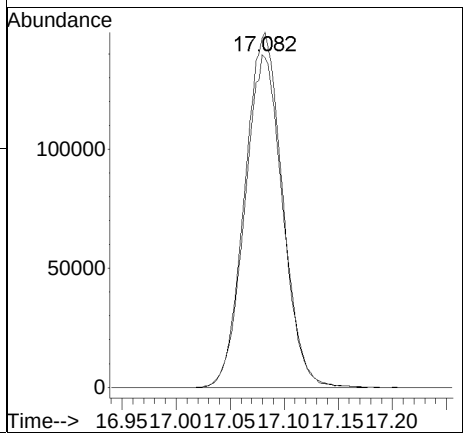


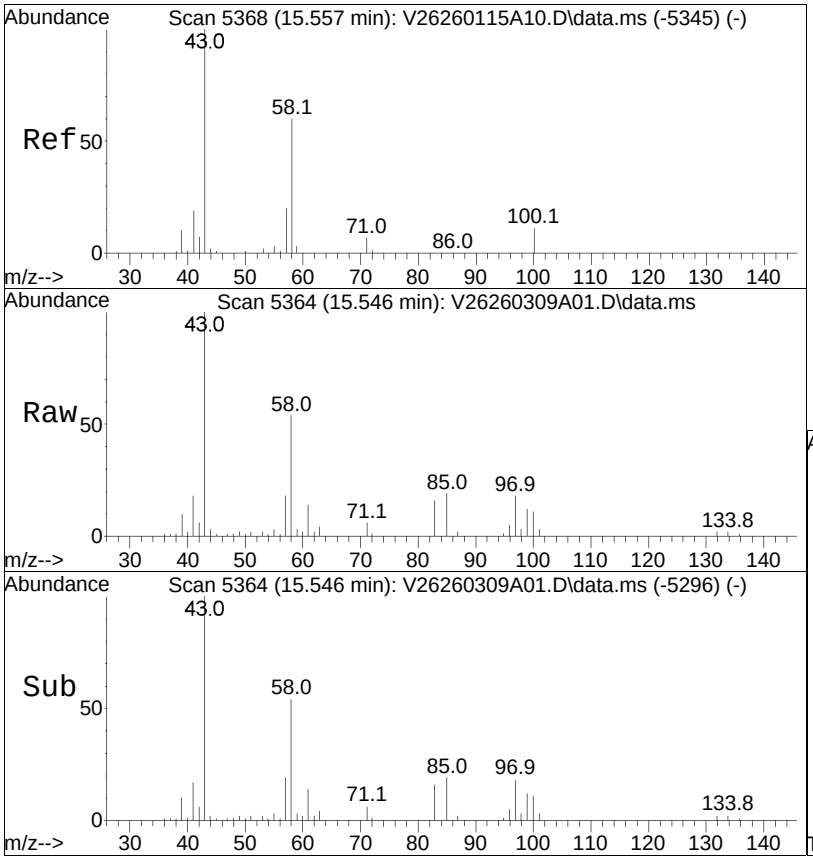


#78
1,2-Dibromoethane
Concen: 37.67 ug/L
RT: 17.082 min Scan# 5915
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:107 Resp: 362855

Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.5	113.3

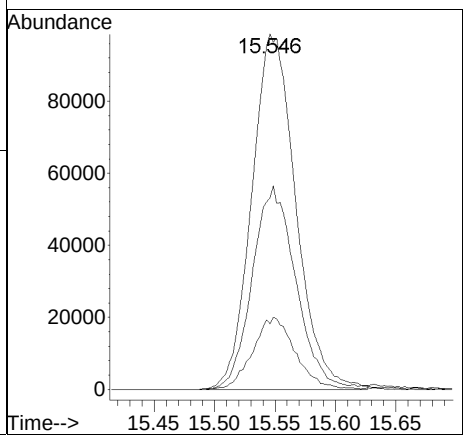


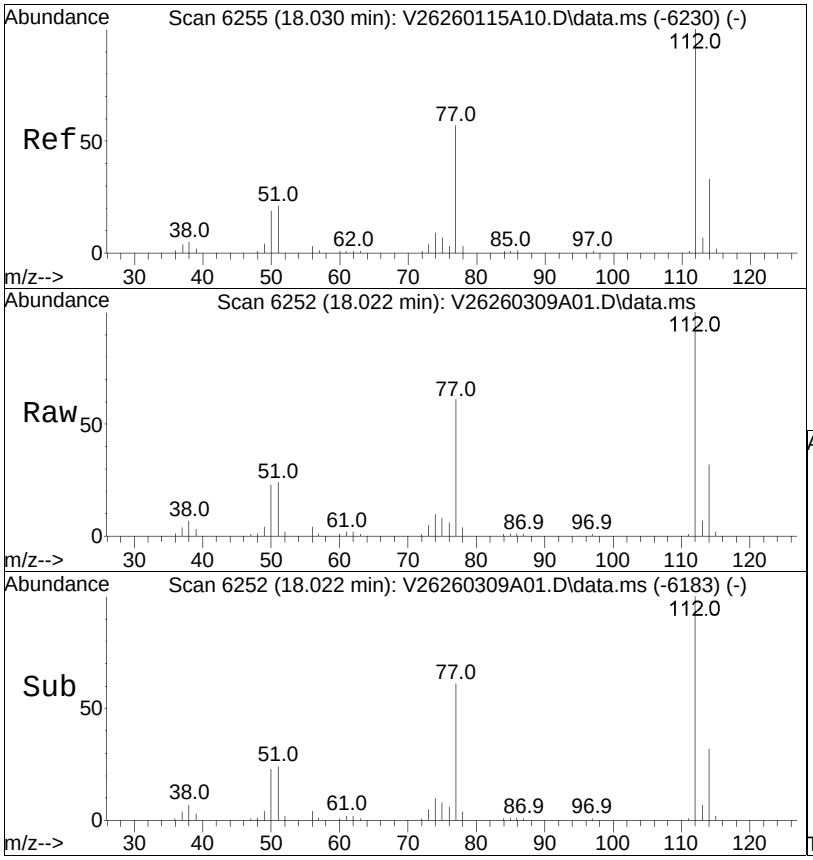


#80
2-Hexanone
Concen: 42.39 ug/L
RT: 15.546 min Scan# 5364
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 43 Resp: 250336

Ion	Ratio	Lower	Upper
43	100		
58	56.8	43.2	64.8
57	19.6	14.8	22.2

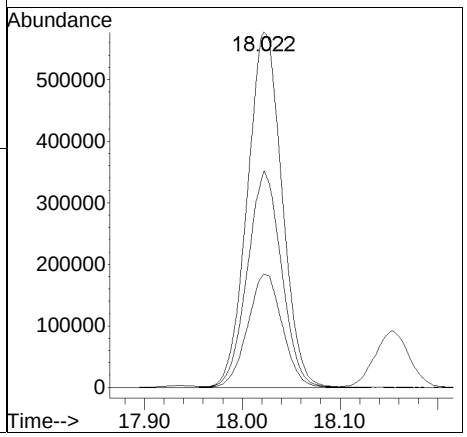


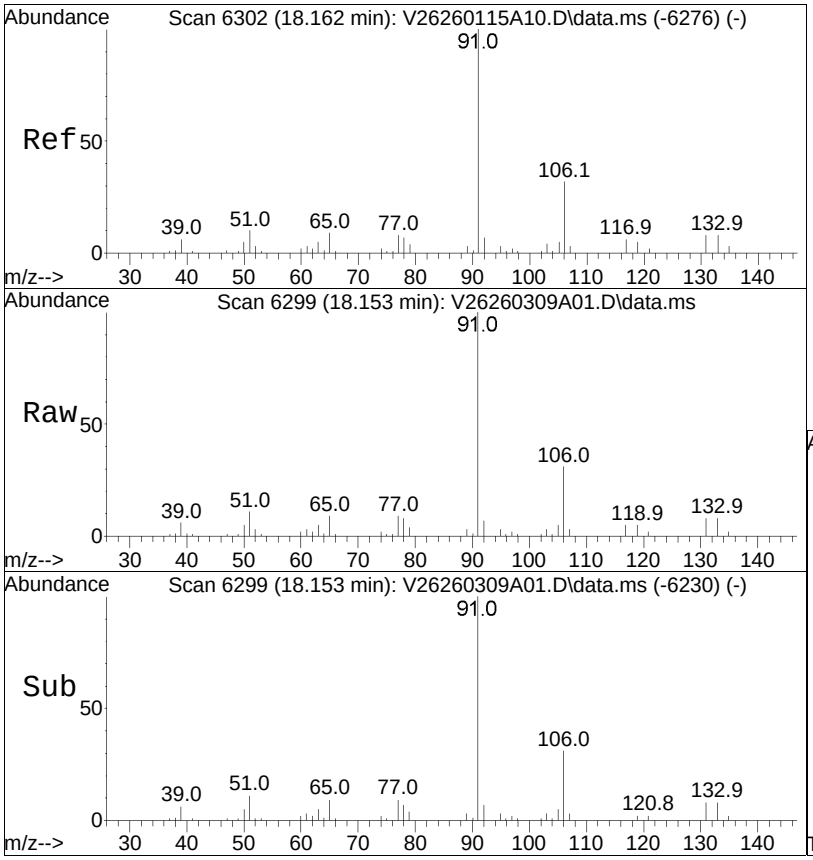


#82
Chlorobenzene
Concen: 37.77 ug/L
RT: 18.022 min Scan# 6252
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:112 Resp: 1424450

Ion	Ratio	Lower	Upper
112	100		
77	59.3	46.1	69.1
114	31.8	26.3	39.5

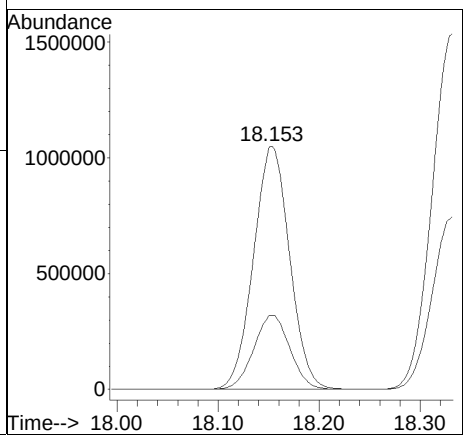


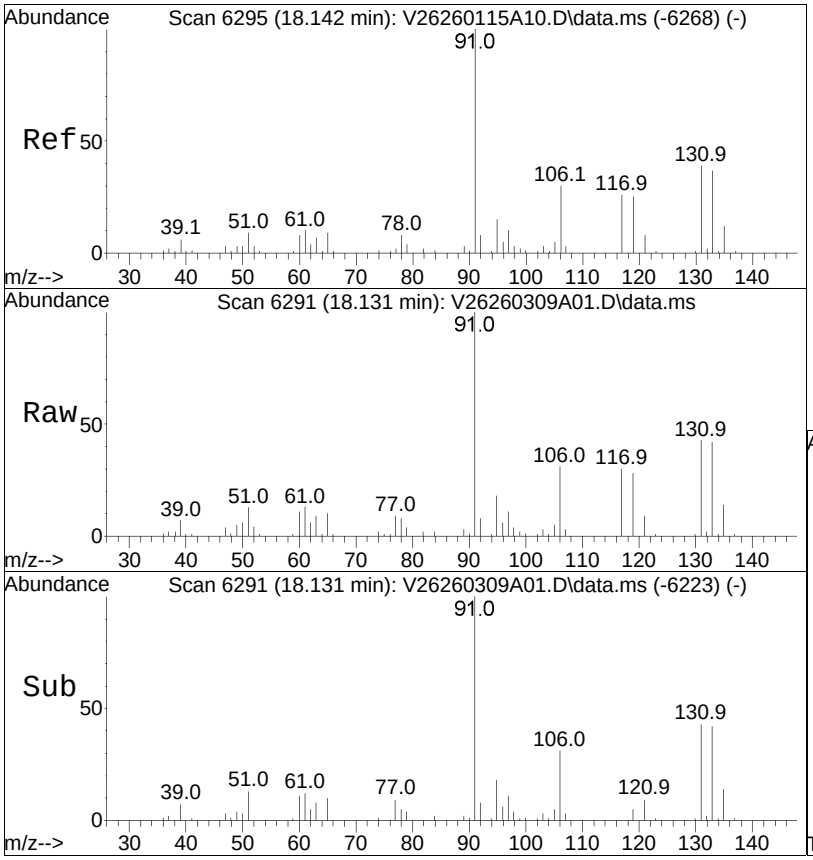


#83
Ethylbenzene
Concen: 39.89 ug/L
RT: 18.153 min Scan# 6299
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 91 Resp: 2612341

Ion	Ratio	Lower	Upper
91	100		
106	30.6	26.6	39.8

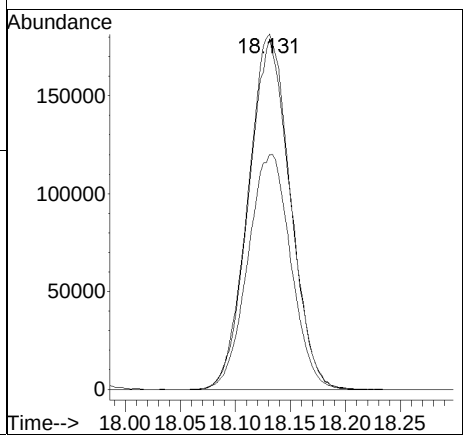


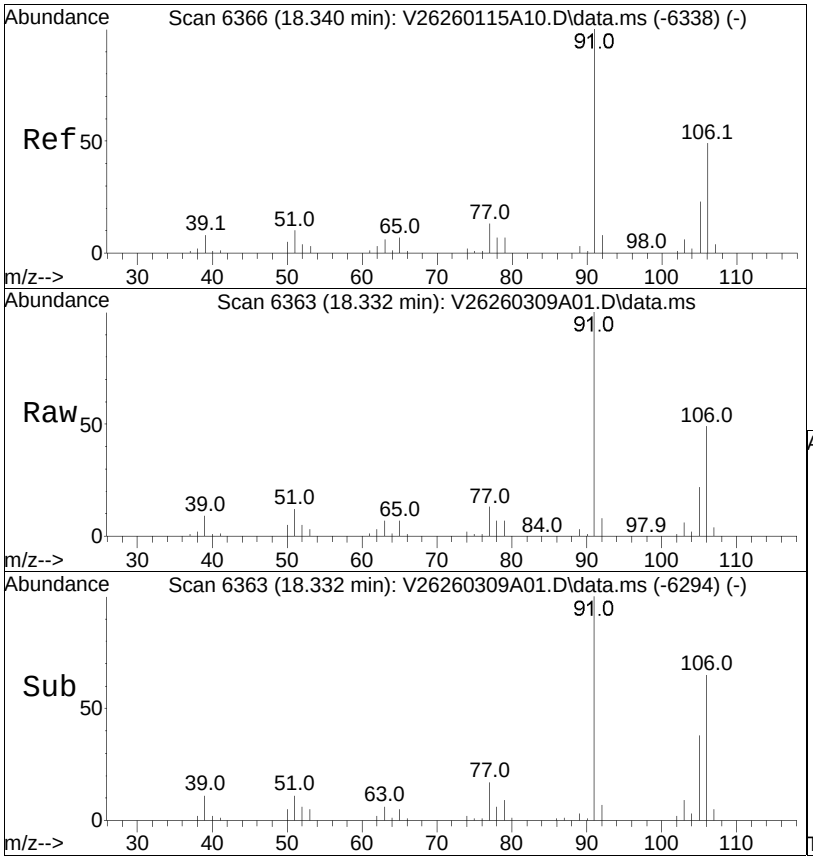


#84
1,1,1,2-Tetrachloroethane
Concen: 36.63 ug/L
RT: 18.131 min Scan# 6291
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:131 Resp: 486877

Ion	Ratio	Lower	Upper
131	100		
133	96.5	75.1	115.1
119	67.2	46.3	86.3

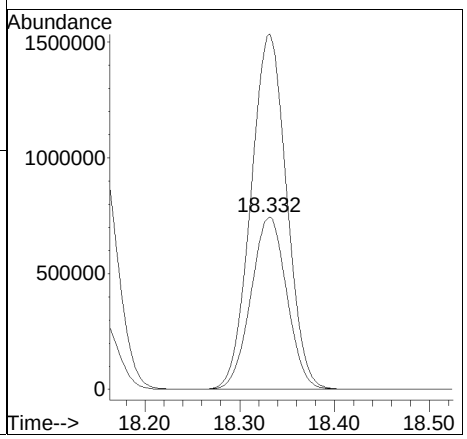


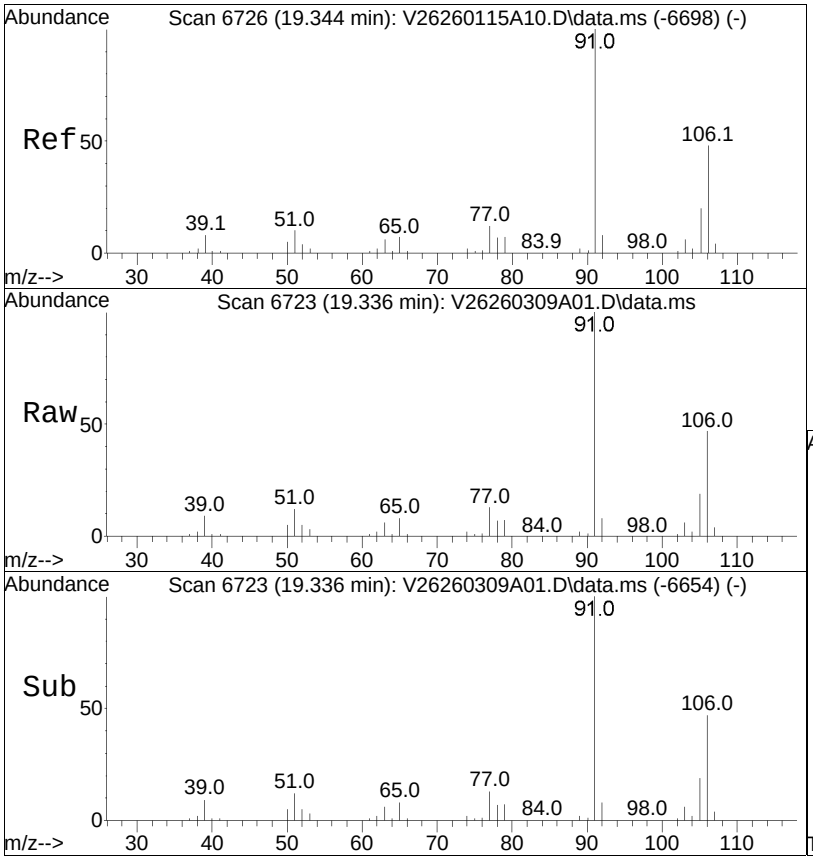


#85
p/m Xylene
Concen: 77.72 ug/L
RT: 18.332 min Scan# 6363
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:106 Resp: 1958523

Ion	Ratio	Lower	Upper
106	100		
91	205.0	147.9	221.9

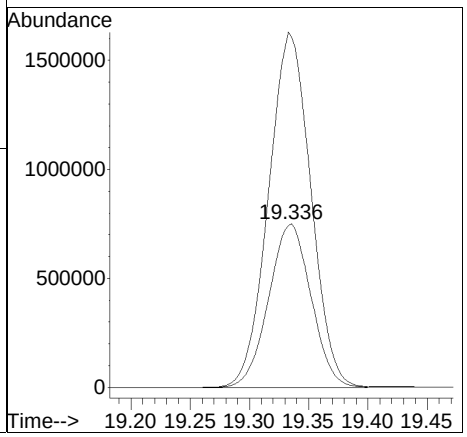


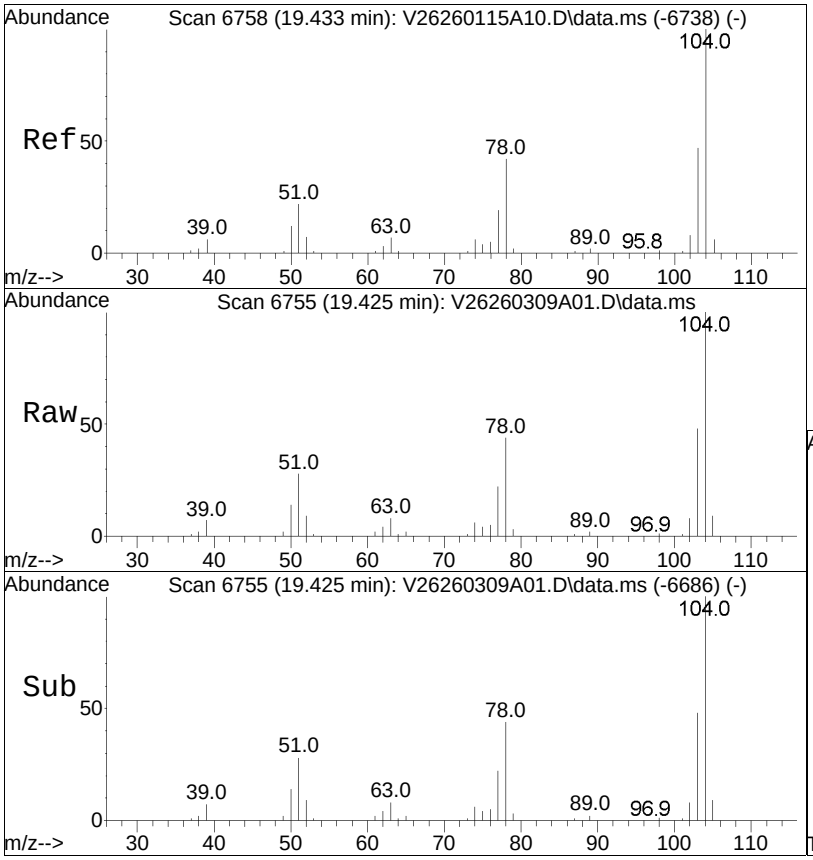


#86
o Xylene
Concen: 76.98 ug/L
RT: 19.336 min Scan# 6723
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:106 Resp: 1860841

Ion	Ratio	Lower	Upper
106	100		
91	216.8	155.0	232.6

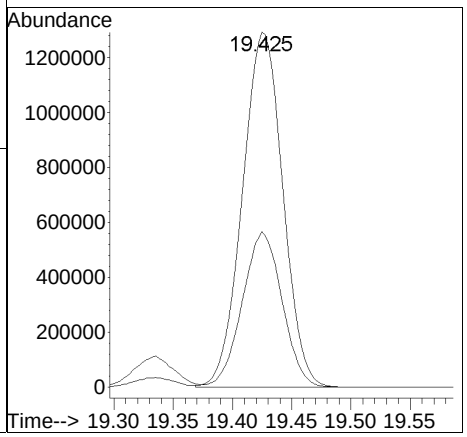


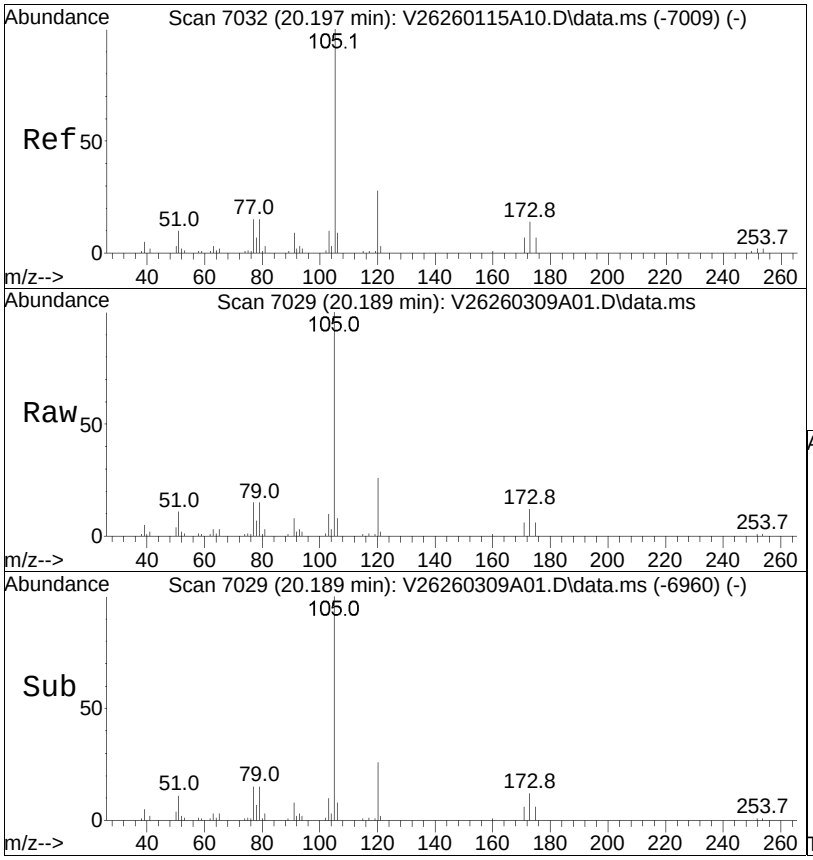


#87
Styrene
Concen: 76.79 ug/L
RT: 19.425 min Scan# 6755
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:104 Resp: 3068555

Ion	Ratio	Lower	Upper
104	100		
78	43.1	36.0	54.0

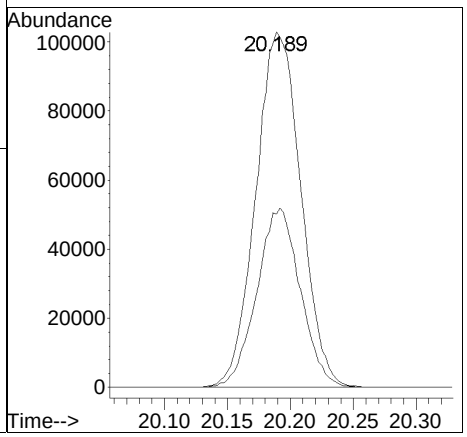


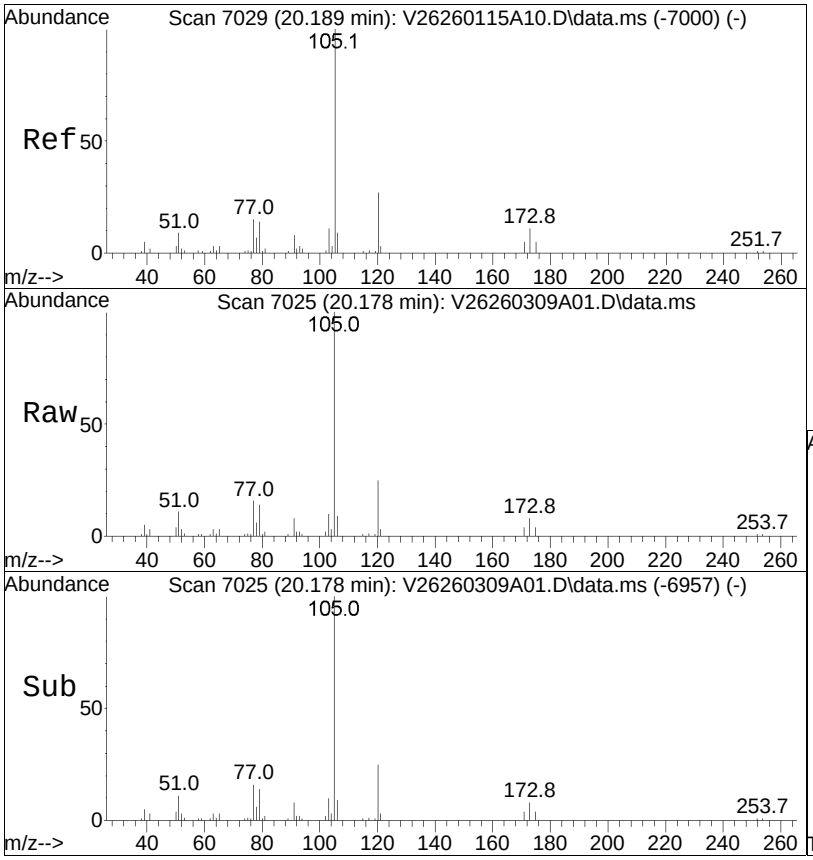


#89
Bromoform
Concen: 34.75 ug/L
RT: 20.189 min Scan# 7029
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:173 Resp: 256331

Ion	Ratio	Lower	Upper
173	100		
175	48.7	28.7	68.7

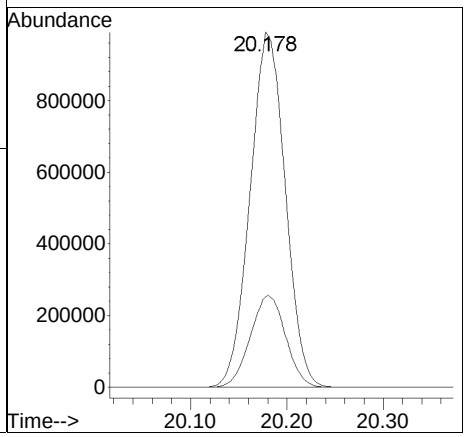


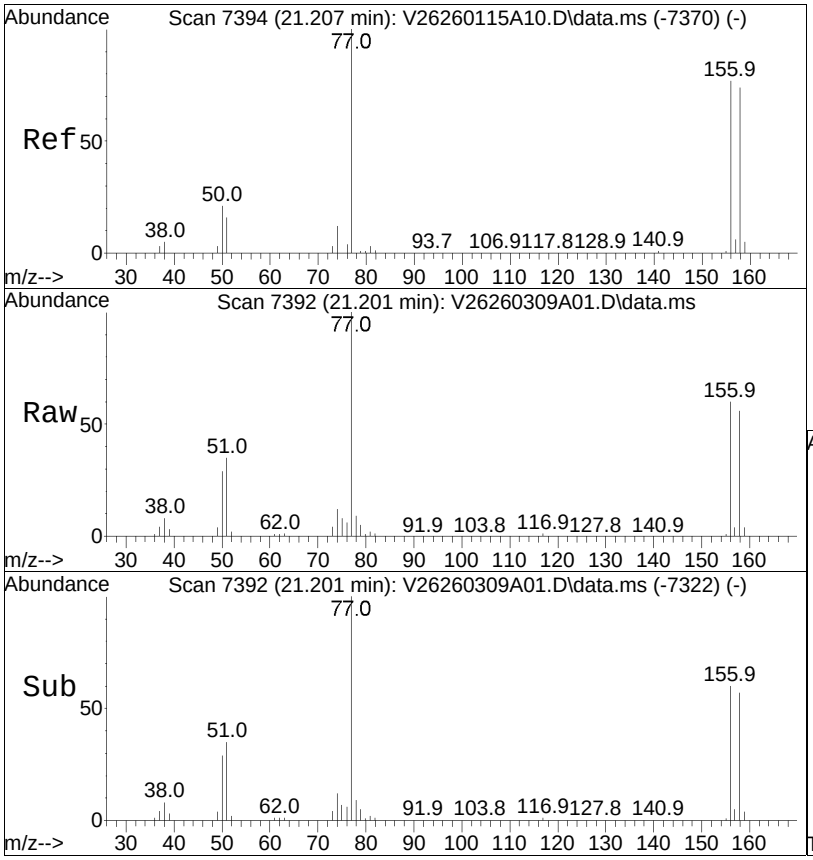


#91
Isopropylbenzene
Concen: 41.18 ug/L
RT: 20.178 min Scan# 7025
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:105 Resp: 2517817

Ion	Ratio	Lower	Upper
105	100		
120	26.0	8.4	48.4

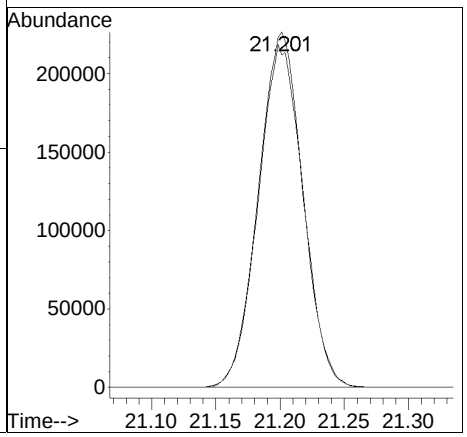


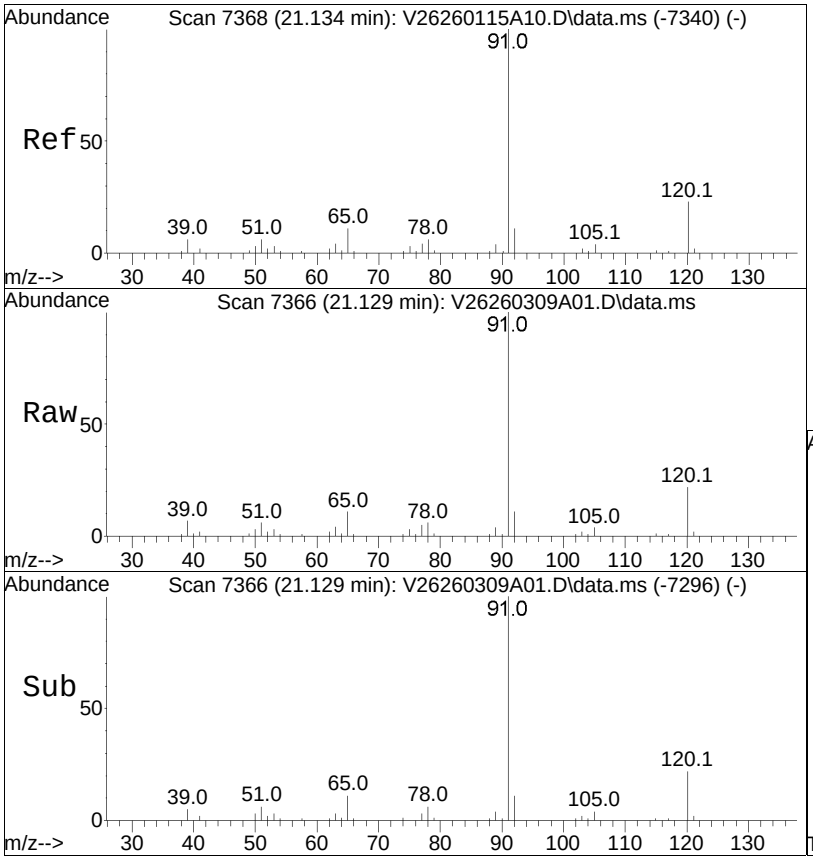


#93
Bromobenzene
Concen: 37.04 ug/L
RT: 21.201 min Scan# 7392
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:156 Resp: 546552

Ion	Ratio	Lower	Upper
156	100		
158	96.7	77.4	116.2

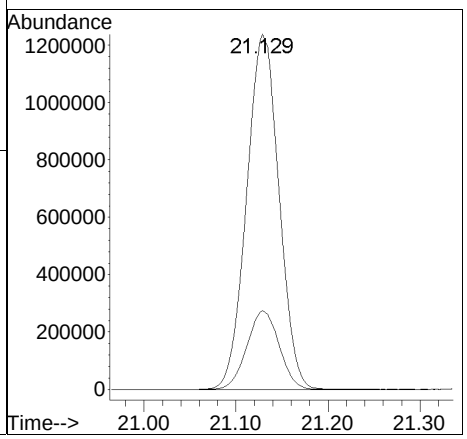


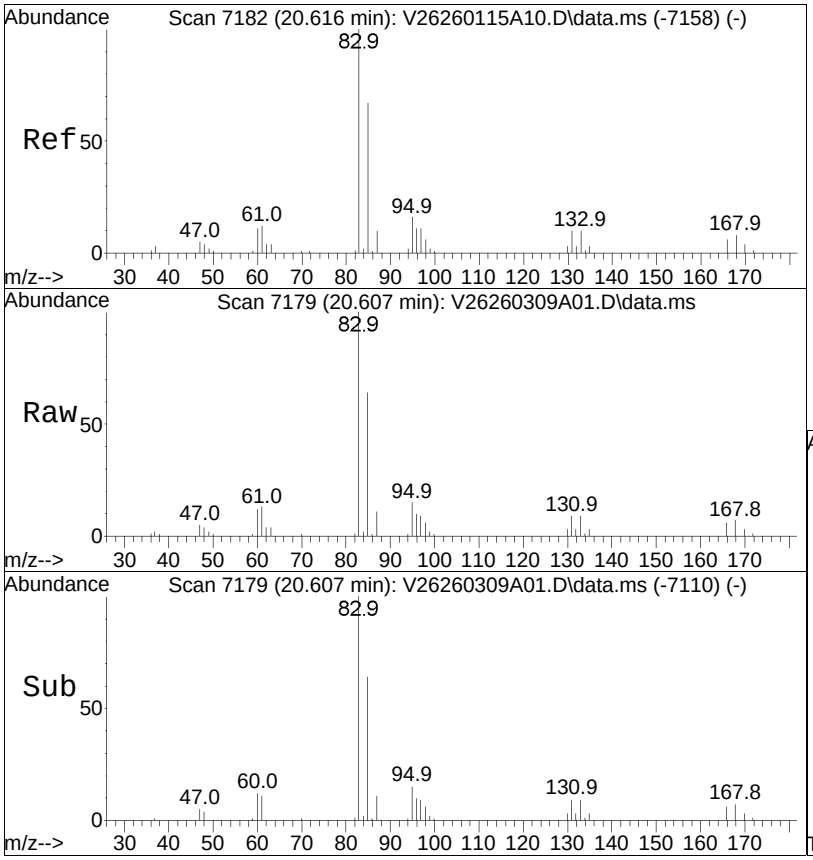


#95
n-Propylbenzene
Concen: 42.49 ug/L
RT: 21.129 min Scan# 7366
Delta R.T. -0.005 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 91 Resp: 3028923

Ion	Ratio	Lower	Upper
91	100		
120	22.0	19.9	29.9

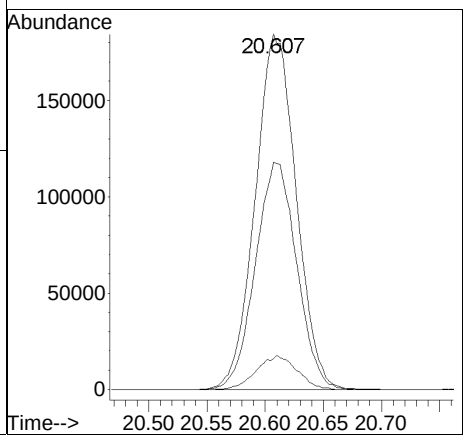


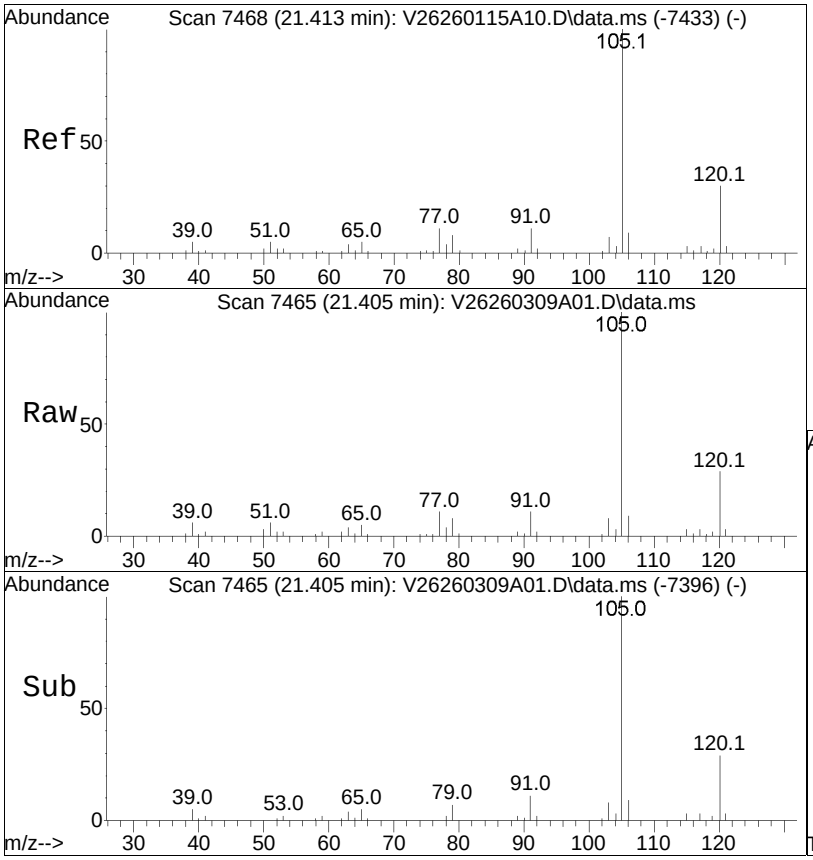


#97
1,1,2,2-Tetrachloroethane
Concen: 40.15 ug/L
RT: 20.607 min Scan# 7179
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 83 Resp: 452165

Ion	Ratio	Lower	Upper
83	100		
131	9.4	0.0	30.3
85	64.3	44.5	84.5

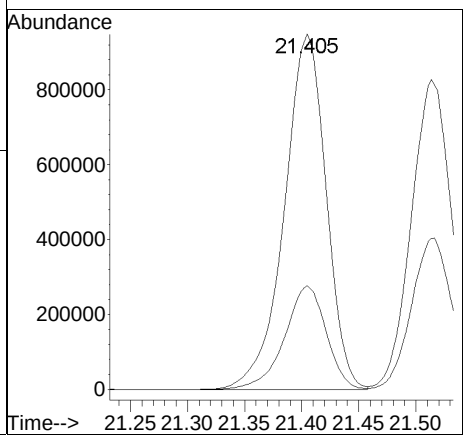


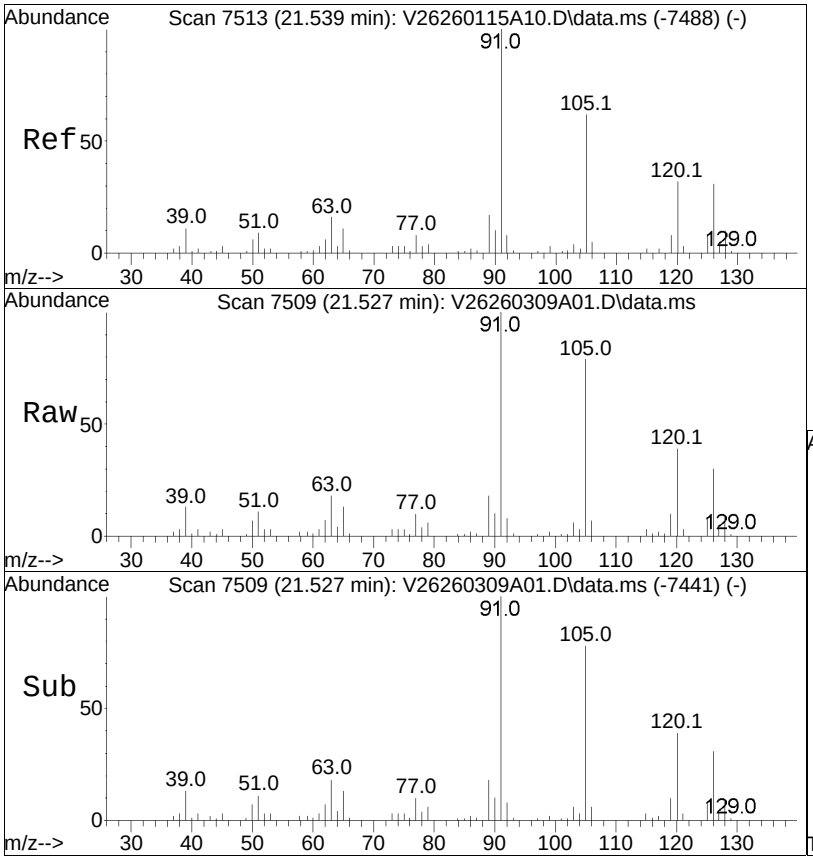


#98
4-Ethyltoluene
Concen: 41.48 ug/L
RT: 21.405 min Scan# 7465
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:105 Resp: 2414606

Ion	Ratio	Lower	Upper
105	100		
120	29.1	20.5	42.5

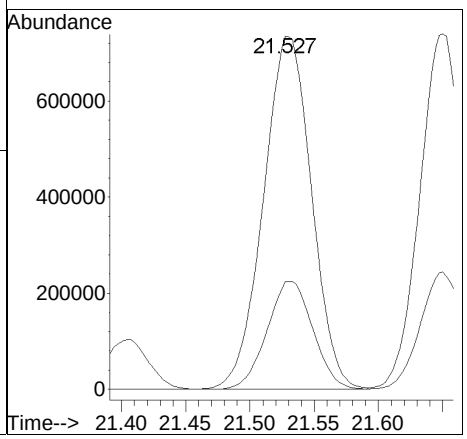


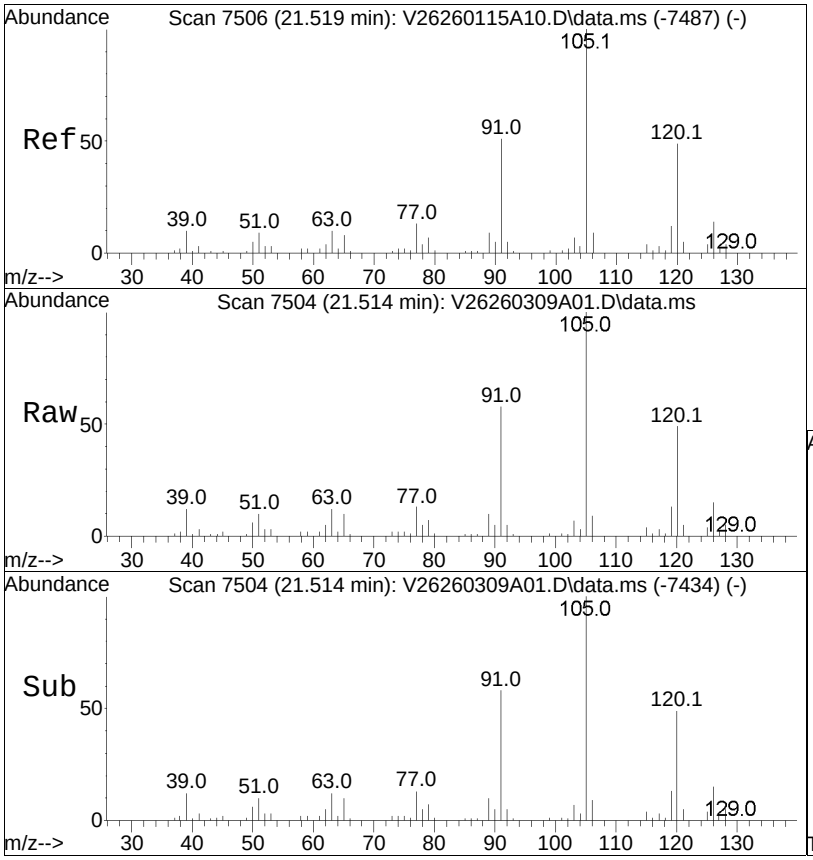


#99
2-Chlorotoluene
Concen: 40.70 ug/L
RT: 21.527 min Scan# 7509
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 91 Resp: 1909821

Ion	Ratio	Lower	Upper
91	100		
126	29.3	25.4	38.0

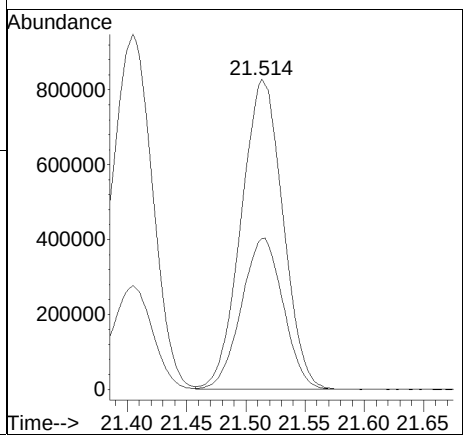


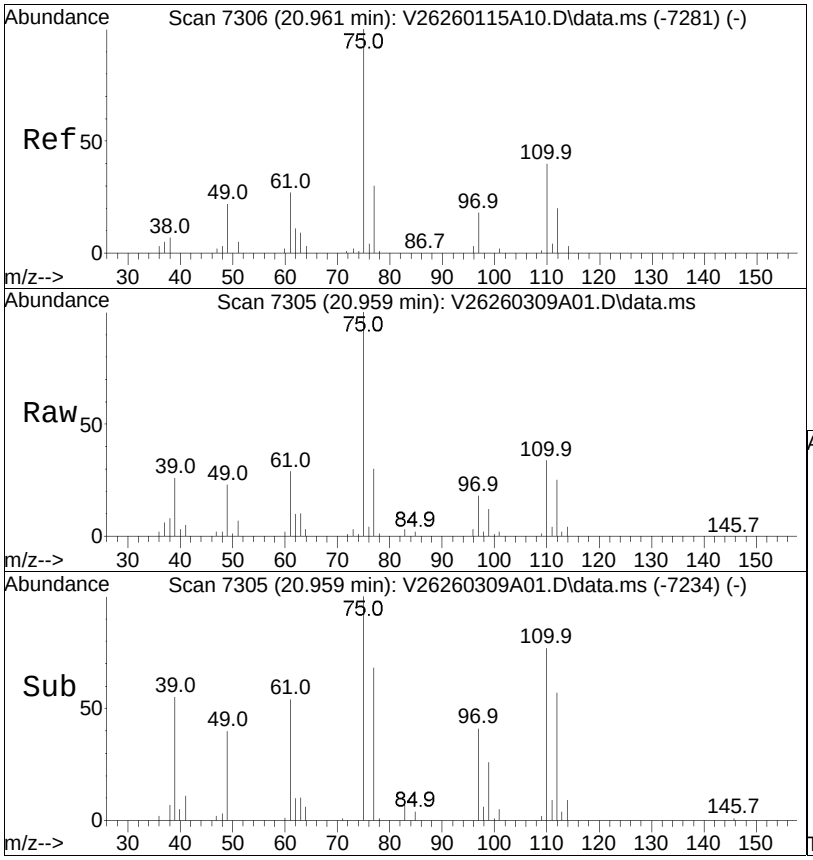


#100
1,3,5-Trimethylbenzene
Concen: 40.95 ug/L
RT: 21.514 min Scan# 7504
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:105 Resp: 2032897

Ion	Ratio	Lower	Upper
105	100		
120	48.8	41.4	62.0

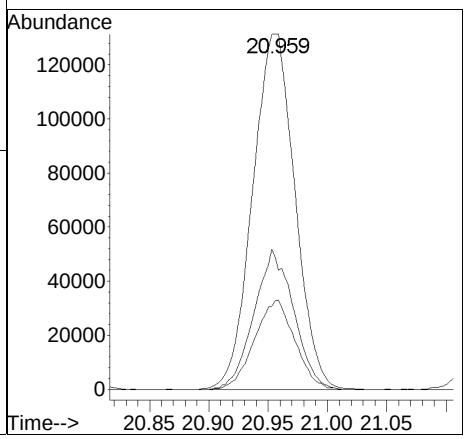


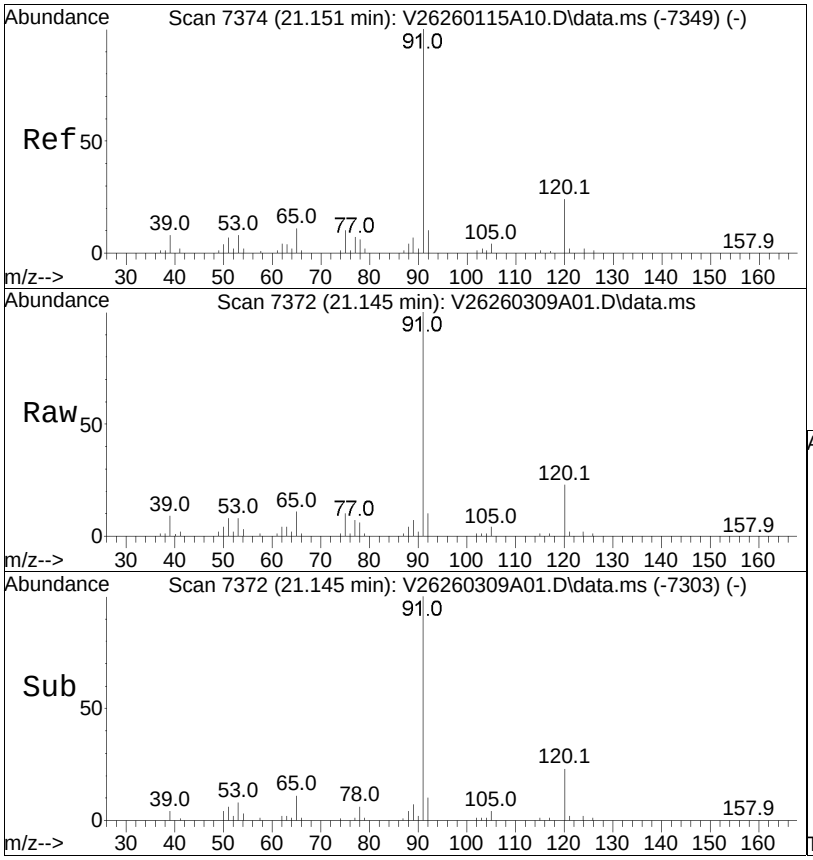


#101
1,2,3-Trichloropropane
Concen: 39.58 ug/L
RT: 20.959 min Scan# 7305
Delta R.T. -0.003 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 75 Resp: 325767

Ion	Ratio	Lower	Upper
75	100		
110	36.8	25.8	53.6
112	24.0	16.4	34.0

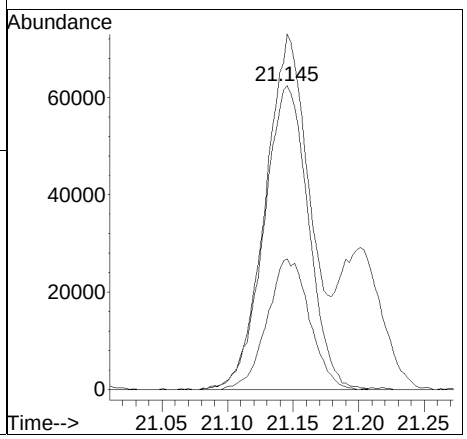


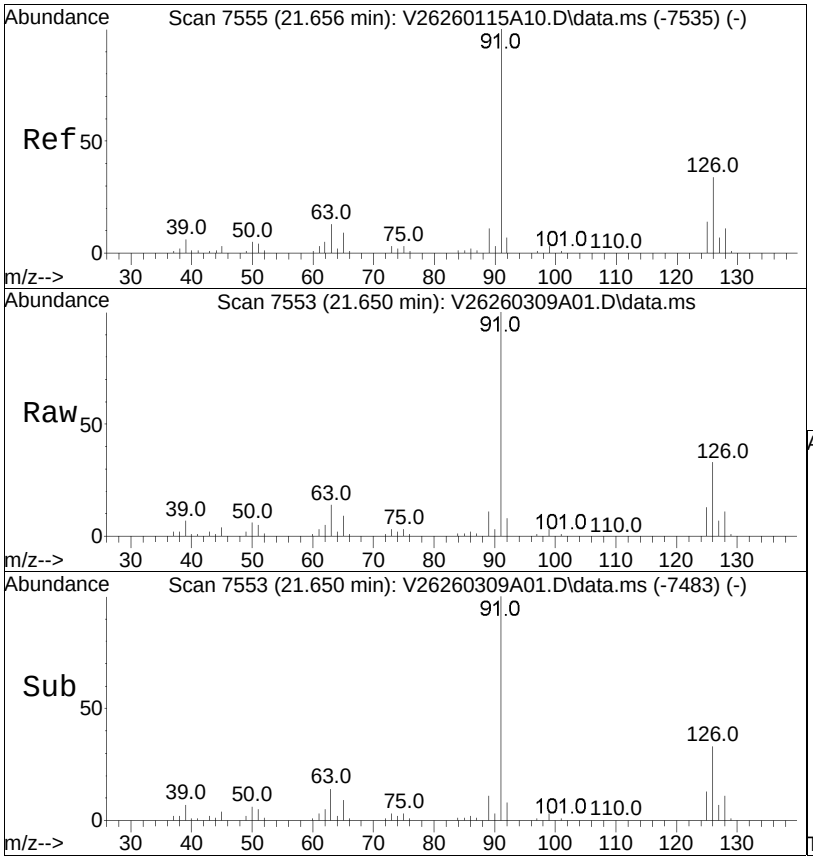


#102
trans-1,4-Dichloro-2-butene
Concen: 42.21 ug/L
RT: 21.145 min Scan# 7372
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 53 Resp: 148212

Ion	Ratio	Lower	Upper
53	100		
88	40.7	37.4	56.0
75	116.1	103.8	155.6

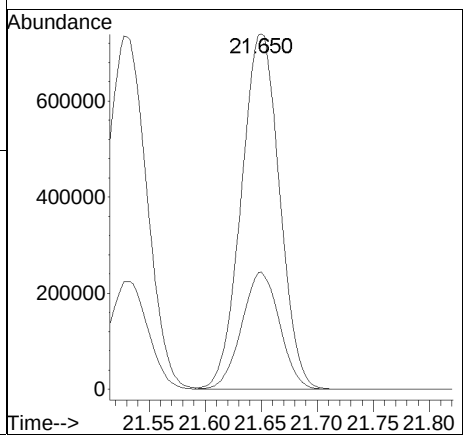


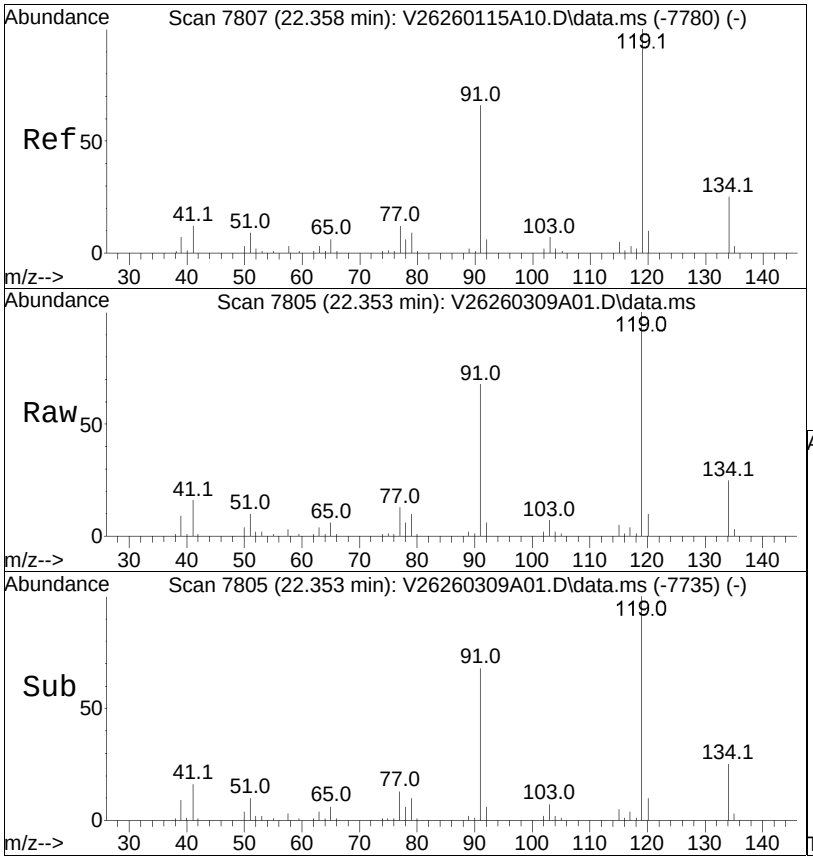


#103
4-Chlorotoluene
Concen: 40.07 ug/L
RT: 21.650 min Scan# 7553
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 91 Resp: 1757846

Ion	Ratio	Lower	Upper
91	100		
126	32.7	28.4	42.6

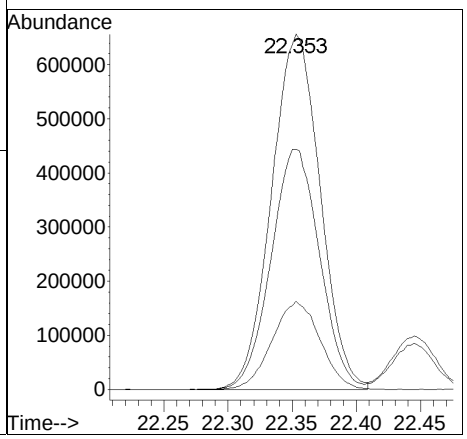


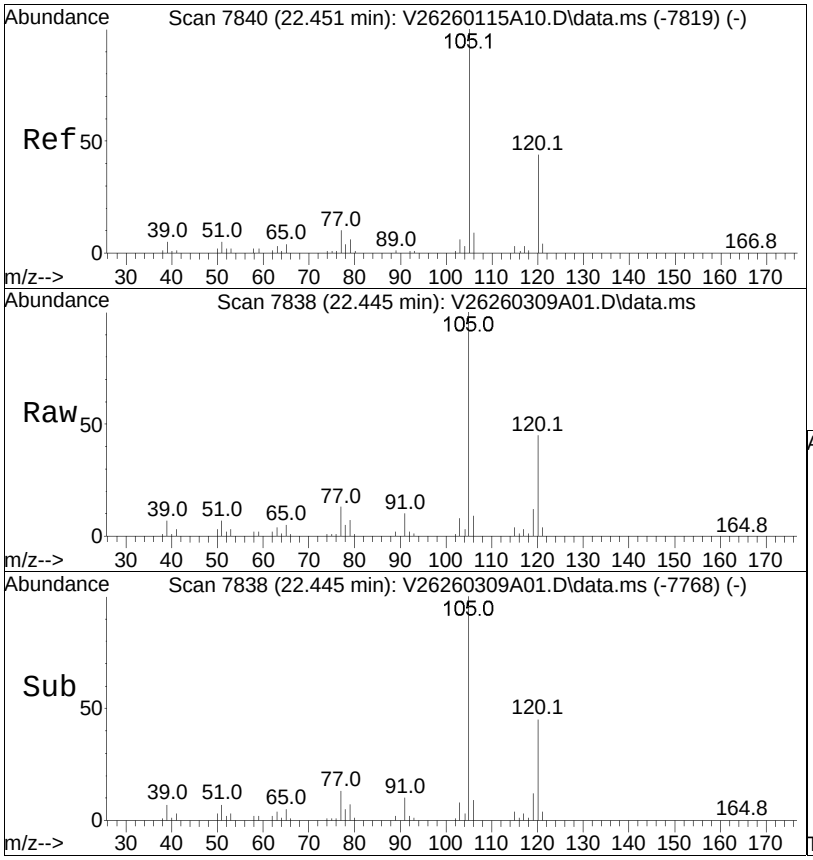


#104
tert-Butylbenzene
Concen: 40.30 ug/L
RT: 22.353 min Scan# 7805
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:119 Resp: 1731052

Ion	Ratio	Lower	Upper
119	100		
91	67.6	52.6	79.0
134	24.5	20.7	31.1

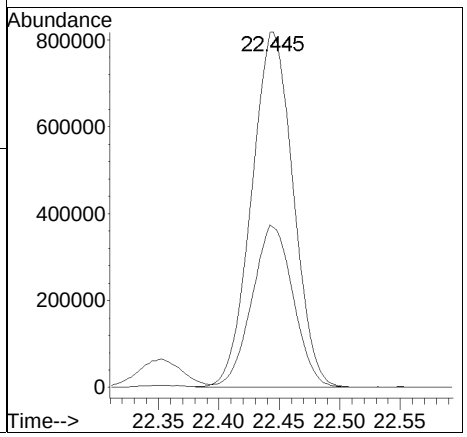


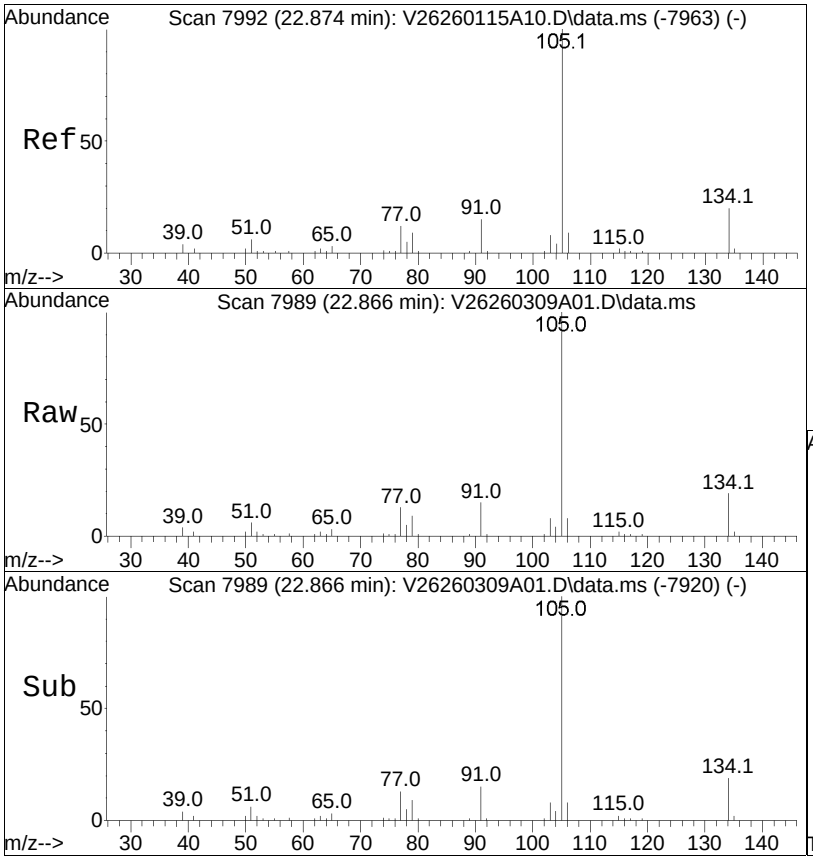


#107
1,2,4-Trimethylbenzene
Concen: 40.59 ug/L
RT: 22.445 min Scan# 7838
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:105 Resp: 1956194

Ion	Ratio	Lower	Upper
105	100		
120	45.3	38.7	58.1

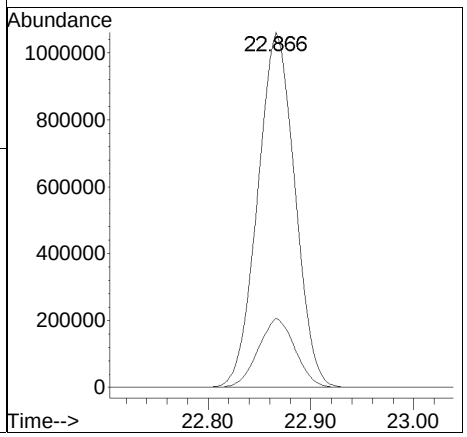


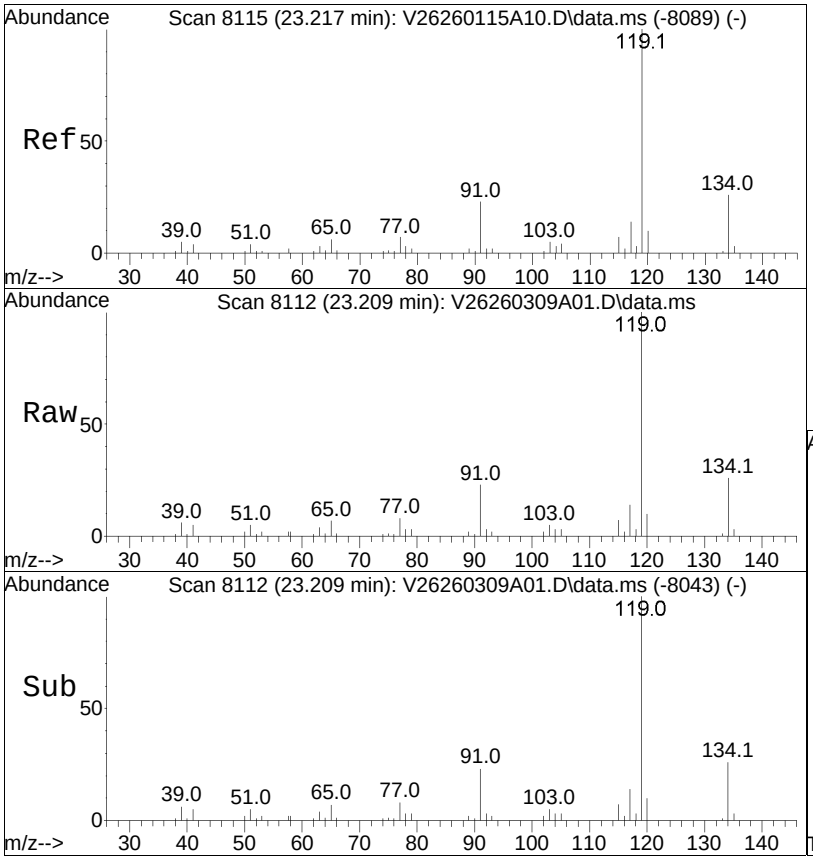


#109
sec-Butylbenzene
Concen: 42.38 ug/L
RT: 22.866 min Scan# 7989
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:105 Resp: 2670651

Ion	Ratio	Lower	Upper
105	100		
134	19.3	14.0	29.0

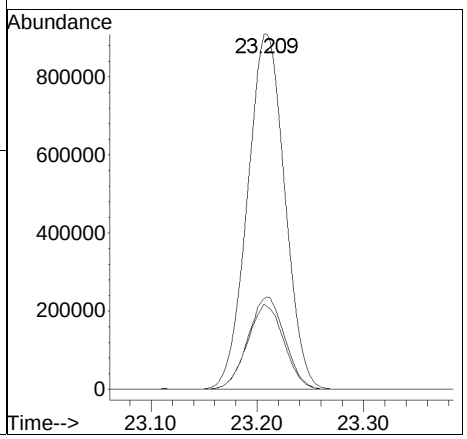


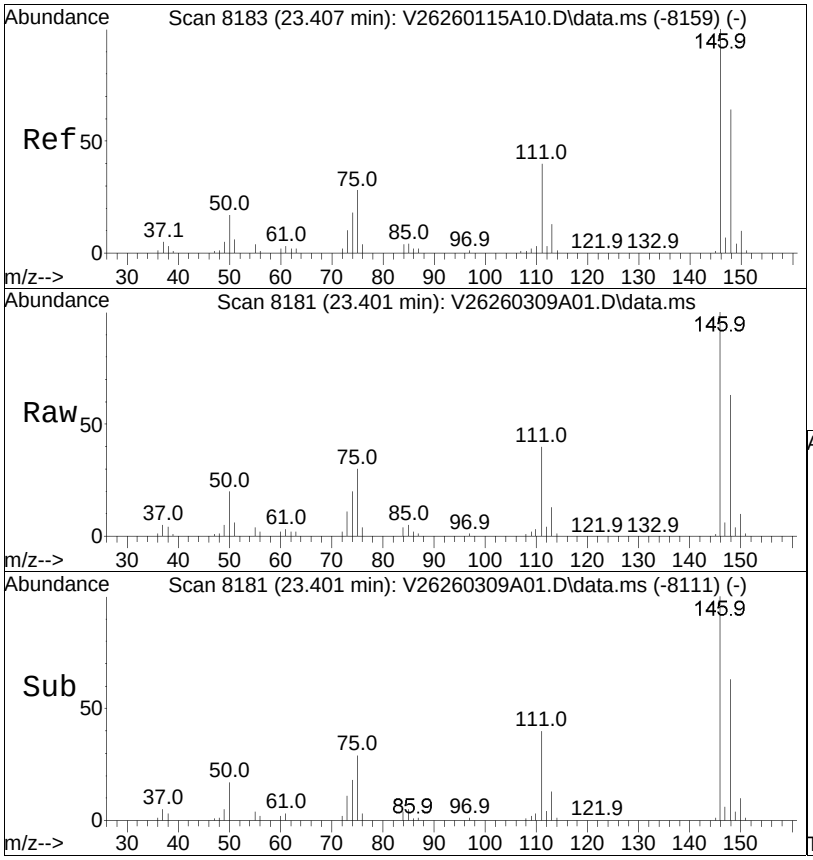


#110
p-Isopropyltoluene
Concen: 41.12 ug/L
RT: 23.209 min Scan# 8112
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:119 Resp: 2219293

Ion	Ratio	Lower	Upper
119	100		
134	25.7	18.0	37.4
91	23.5	15.3	31.9

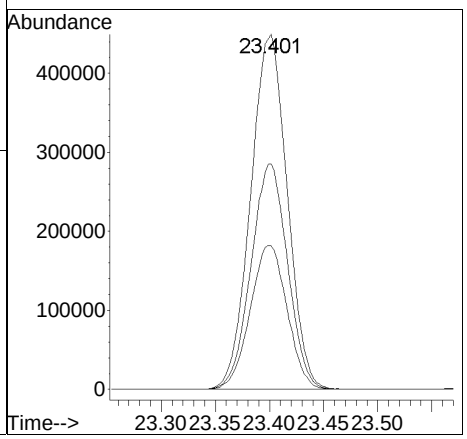


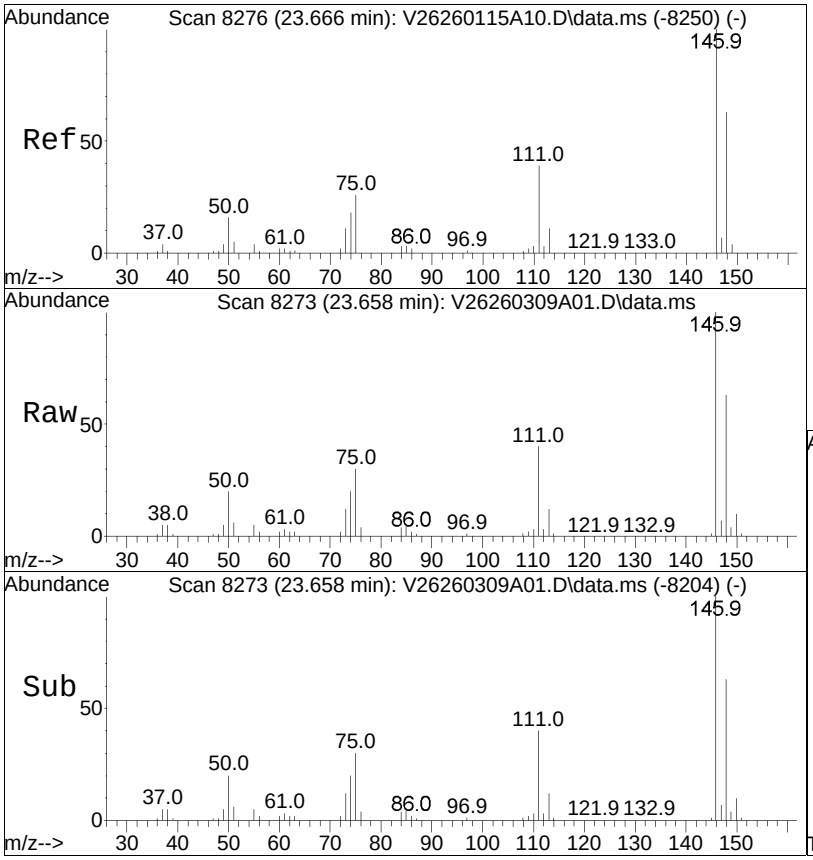


#111
1,3-Dichlorobenzene
Concen: 38.22 ug/L
RT: 23.401 min Scan# 8181
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:146 Resp: 1058594

Ion	Ratio	Lower	Upper
146	100		
111	41.0	26.4	54.8
148	63.6	41.7	86.5

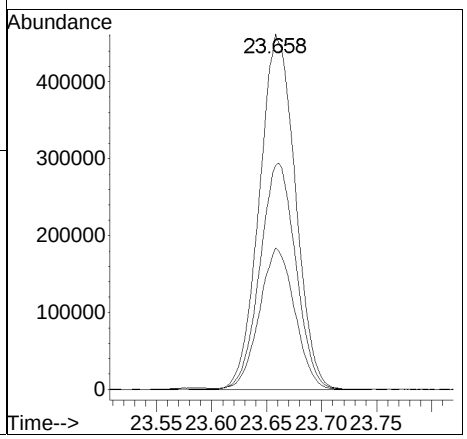


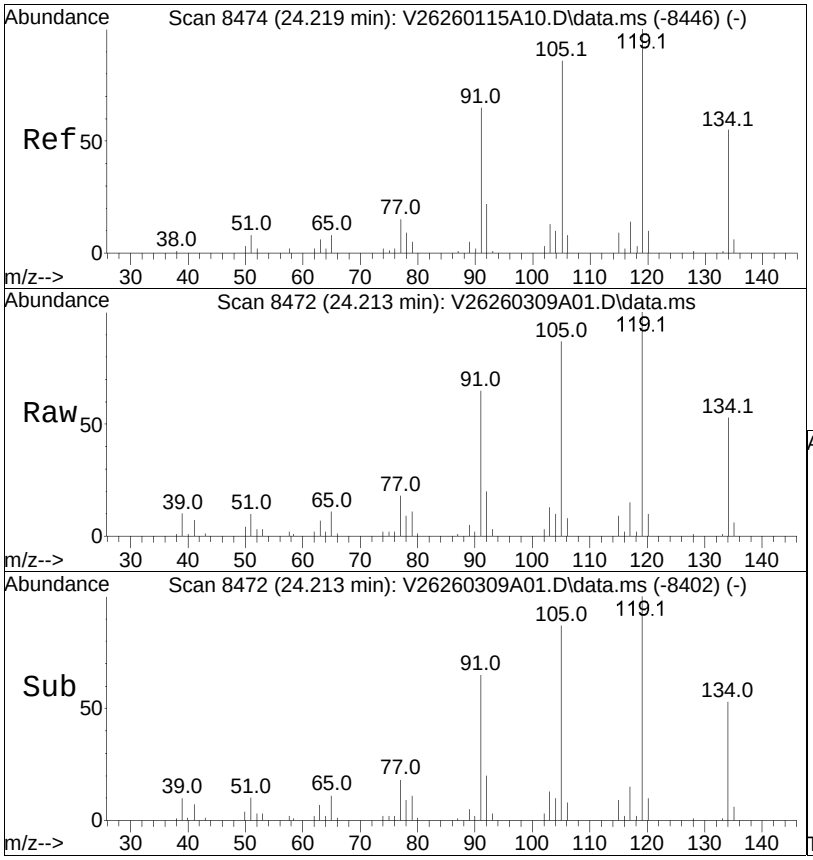


#112
1,4-Dichlorobenzene
Concen: 37.92 ug/L
RT: 23.658 min Scan# 8273
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:146 Resp: 1049385

Ion	Ratio	Lower	Upper
146	100		
111	39.3	31.2	46.8
148	63.4	51.4	77.0

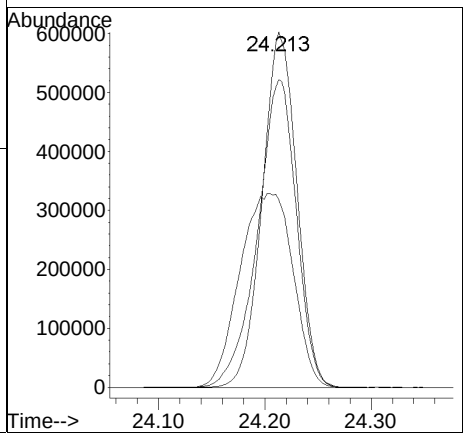


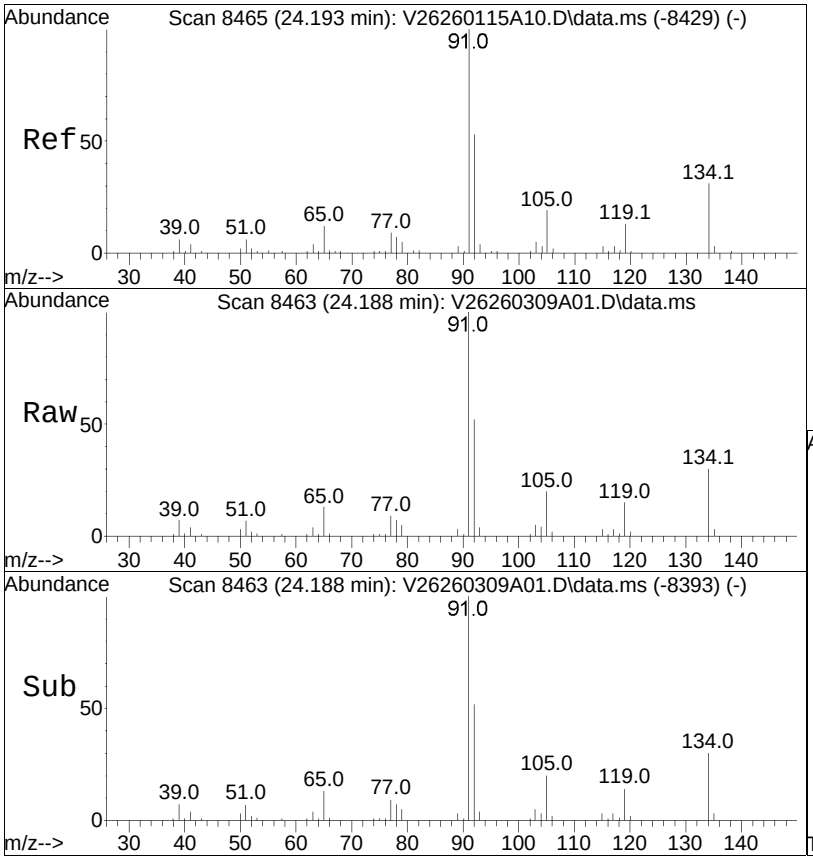


#115
p-Diethylbenzene
Concen: 41.76 ug/L
RT: 24.213 min Scan# 8472
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:119 Resp: 1365605

Ion	Ratio	Lower	Upper
119	100		
105	96.9	62.7	130.3
134	83.7	55.7	115.7

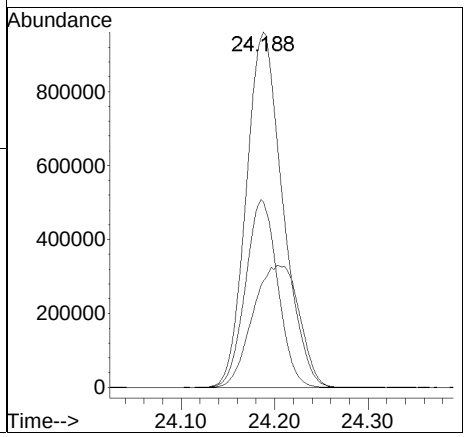


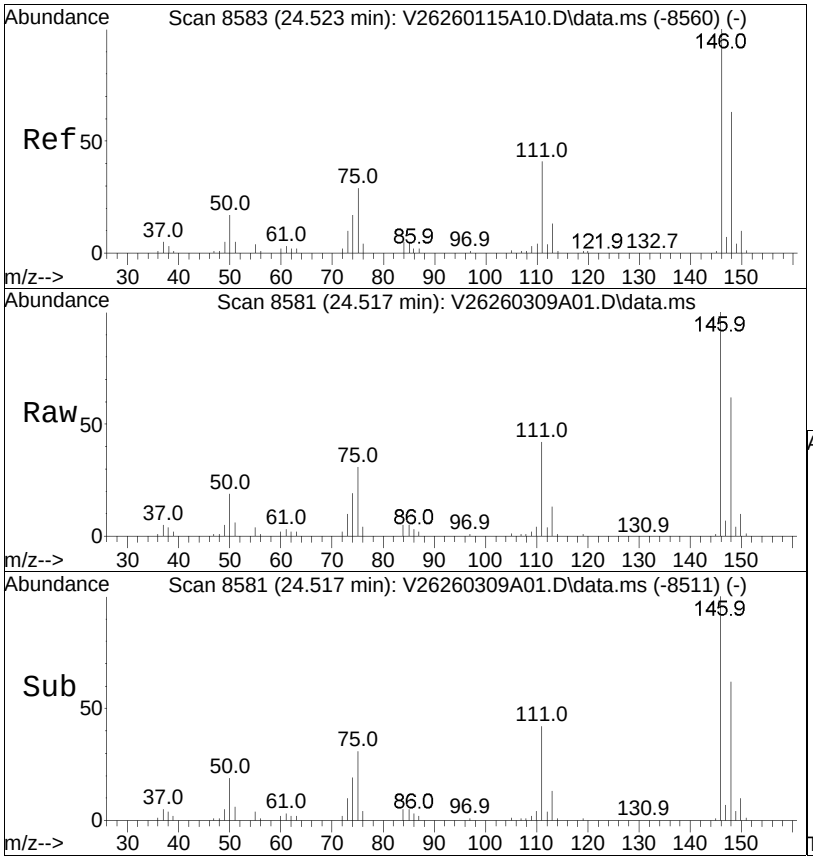


#116
n-Butylbenzene
Concen: 43.15 ug/L
RT: 24.188 min Scan# 8463
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 91 Resp: 2597435

Ion	Ratio	Lower	Upper
91	100		
92	47.0	38.2	57.4
134	44.0	39.1	58.7

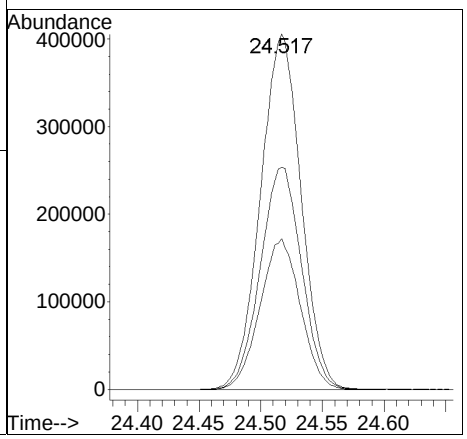


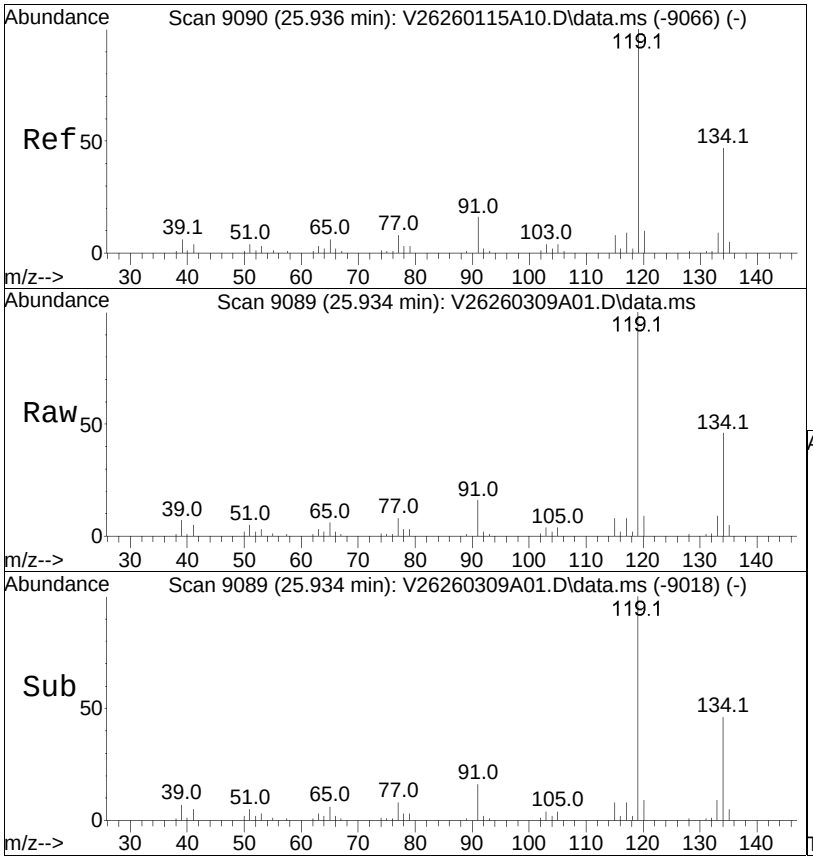


#118
1,2-Dichlorobenzene
Concen: 37.54 ug/L
RT: 24.517 min Scan# 8581
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:146 Resp: 930252

Ion	Ratio	Lower	Upper
146	100		
111	42.2	27.3	56.7
148	63.5	41.6	86.4

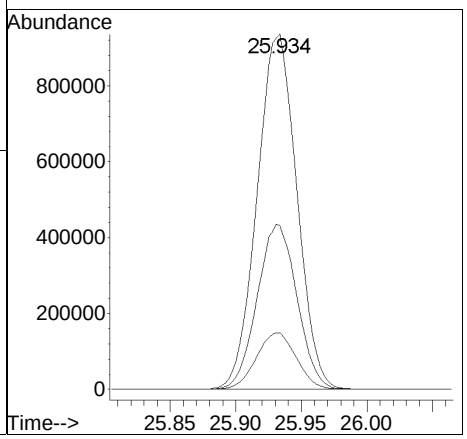


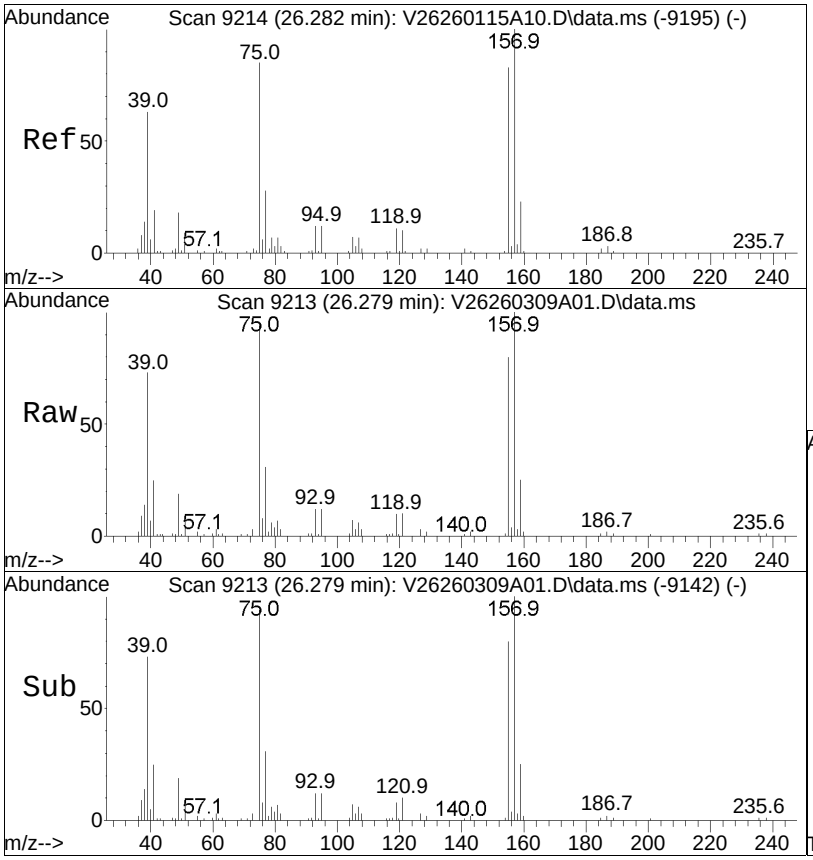


#120
1,2,4,5-Tetramethylbenzene
Concen: 41.66 ug/L
RT: 25.934 min Scan# 9089
Delta R.T. -0.003 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:119 Resp: 1974095

Ion	Ratio	Lower	Upper
119	100		
134	46.6	32.8	68.2
91	16.1	10.7	22.3

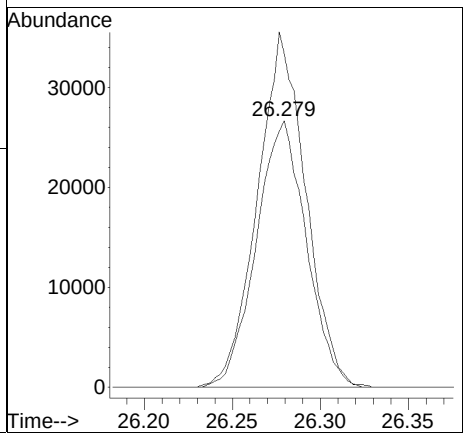


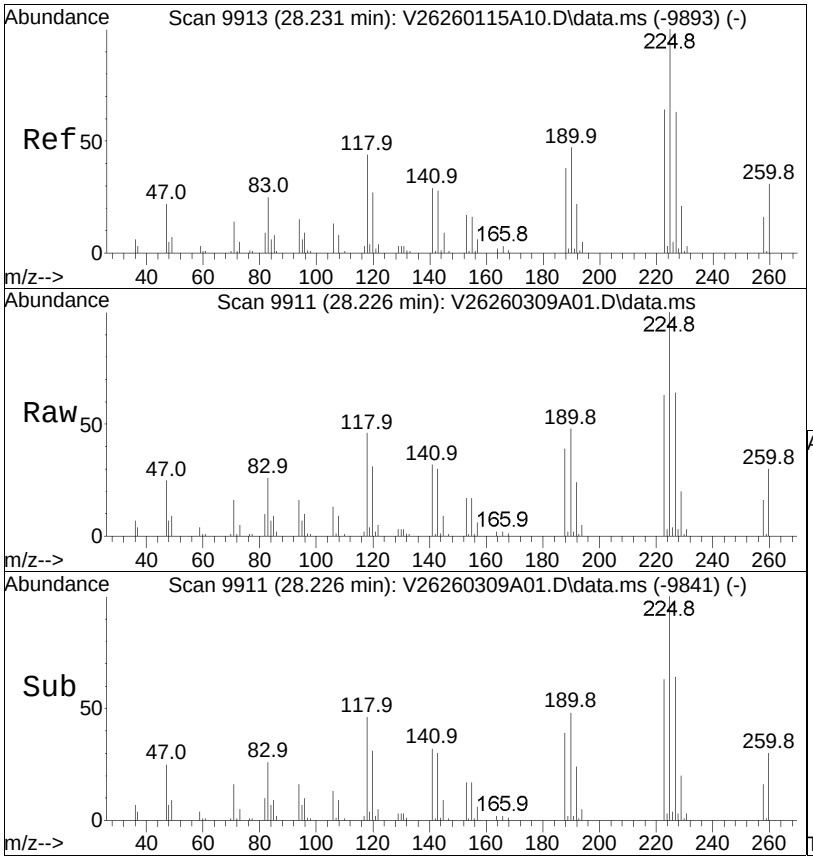


#121
1,2-Dibromo-3-chloropropane
Concen: 34.16 ug/L
RT: 26.279 min Scan# 9213
Delta R.T. -0.003 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:155 Resp: 52797

Ion	Ratio	Lower	Upper
155	100		
157	128.5	101.7	152.5

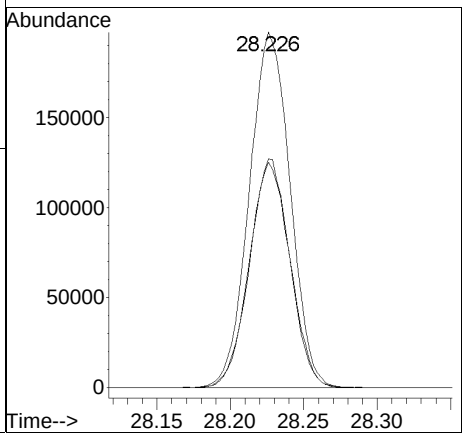


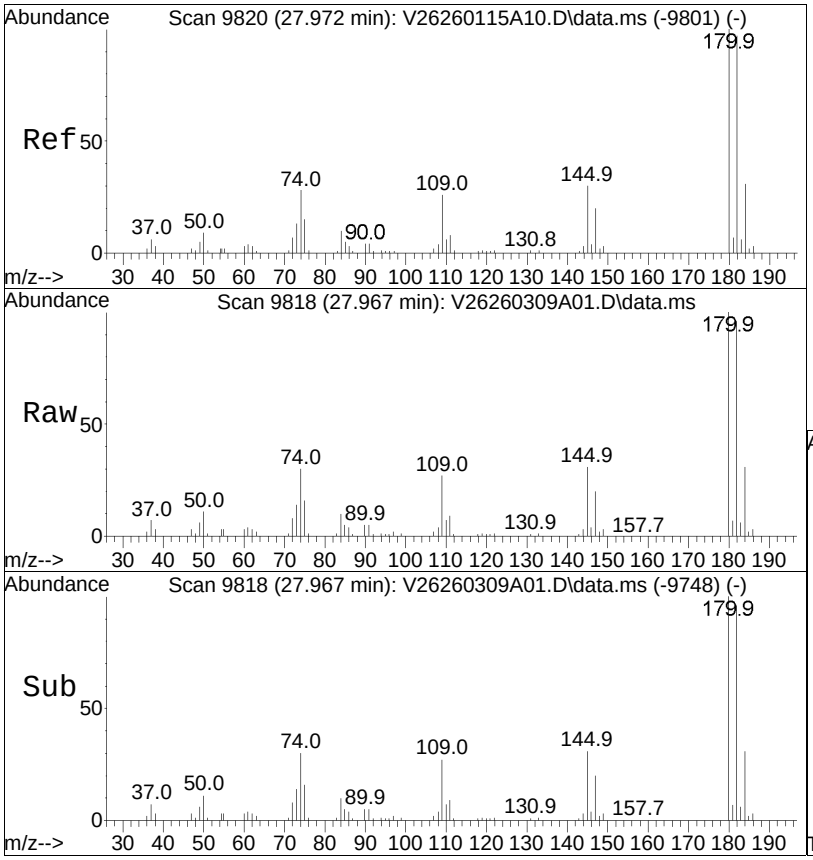


#124
Hexachlorobutadiene
Concen: 40.14 ug/L
RT: 28.226 min Scan# 9911
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:225 Resp: 381913

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.1	75.1
227	63.8	51.5	77.3

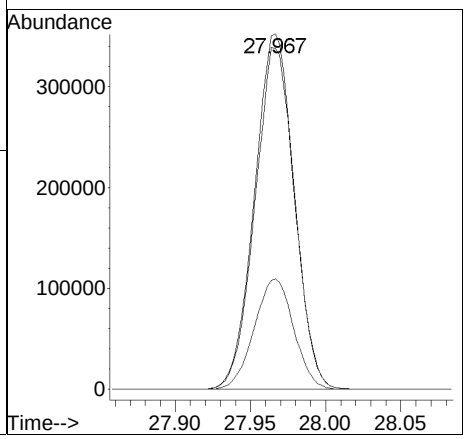


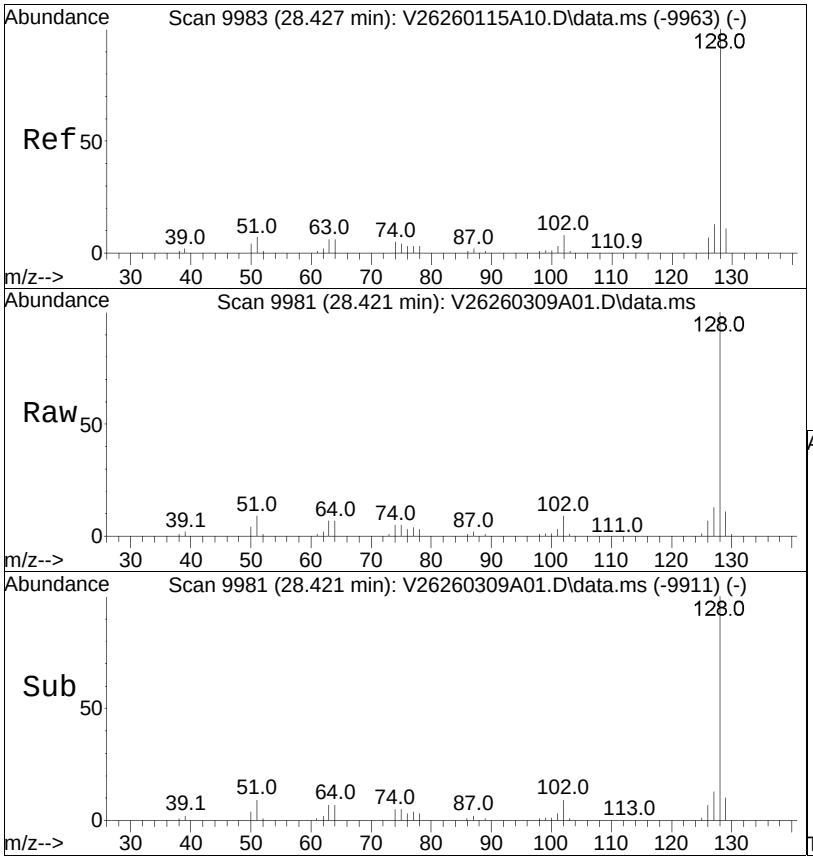


#125
1,2,4-Trichlorobenzene
Concen: 39.58 ug/L
RT: 27.967 min Scan# 9818
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:180 Resp: 648578

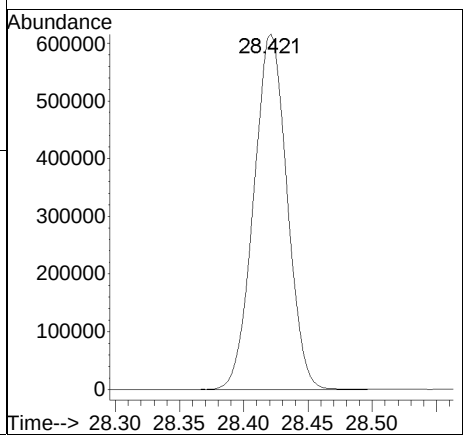
Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.8
145	30.9	25.8	38.8

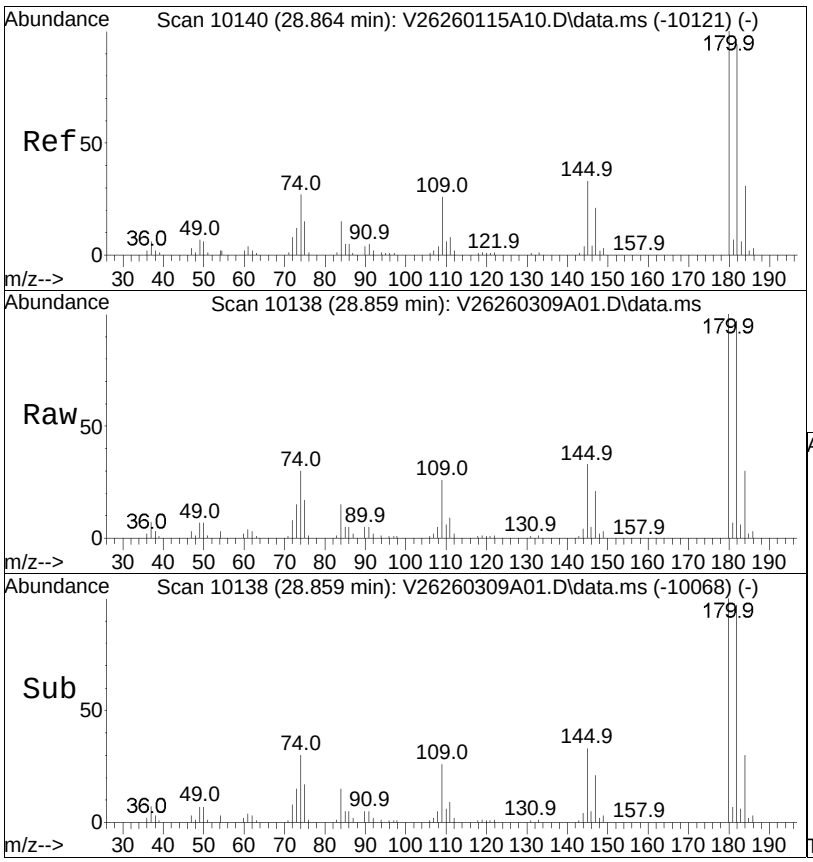




#126
Naphthalene
Concen: 37.93 ug/L
RT: 28.421 min Scan# 9981
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:128 Resp: 1111691

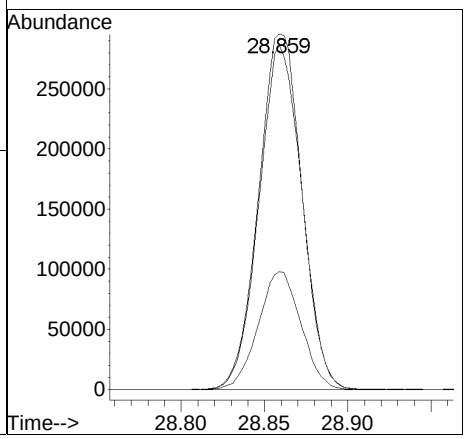




#127
1,2,3-Trichlorobenzene
Concen: 38.90 ug/L
RT: 28.859 min Scan# 10138
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:180 Resp: 535862

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
145	32.6	27.5	41.3

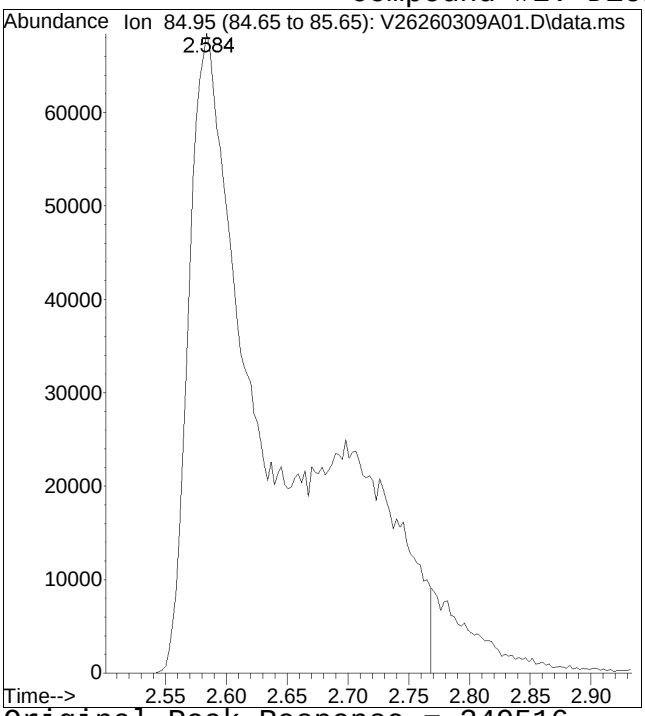


Manual Integration Report

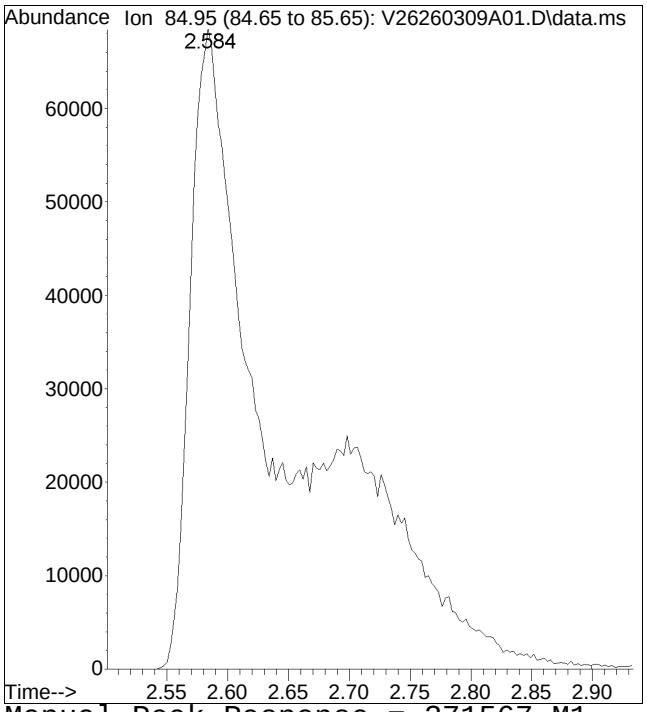
Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Date Inj'd : 3/9/2026 9:29 am
Sample : WG2183398-3,31,5,5

QMethod : V126_260115A_8260.m
Operator : VOA126:TMH
Instrument : VOA126
Quant Date : 3/9/2026 10:09 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 349516



Manual Peak Response = 371567 M1

M1 = Peak Integration was less than it should be

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183848-3,31h,15,15,0.1
Misc : WG2183848,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	11.262	96	1096647	20.000	ug/L	0.00
Standard Area 1 = 1096647			Recovery = 100.00%			
63) Chlorobenzene-d5	17.936	117	791330	20.000	ug/L	-0.01
Standard Area 1 = 791330			Recovery = 100.00%			
88) 1,4-Dichlorobenzene-d4	23.586	152	374599	20.000	ug/L	0.00
Standard Area 1 = 374599			Recovery = 100.00%			
System Monitoring Compounds						
39) Dibromofluoromethane	9.637	113	271051	20.052	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.26%			
47) 1,2-Dichloroethane-d4	10.624	65	277033	20.727	ug/L	-0.01
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.64%			
65) Toluene-d8	14.581	98	1103928	21.431	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.16%			
92) 4-Bromofluorobenzene	20.769	95	378223	20.782	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.91%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.584	85	371567M1	23.232	ug/L	
4) Chloromethane	3.033	50	621329	37.565	ug/L	93
5) Vinyl chloride	3.103	62	676261	37.297	ug/L	99
6) Bromomethane	3.794	94	385066	33.124	ug/L	97
7) Chloroethane	3.925	64	427791	38.666	ug/L	96
8) Trichlorofluoromethane	4.346	101	782738	37.408	ug/L	98
9) Ethyl ether	4.876	74	267576	38.348	ug/L	91
11) 1,1-Dichloroethene	5.442	96	471265	37.089	ug/L	84
12) Carbon disulfide	6.343	76	1657891	37.176	ug/L	100
17) Methylene chloride	6.357	84	524276	33.184	ug/L	92
19) Acetone	5.255	43	125778	38.574	ug/L	98
20) trans-1,2-Dichloroethene	6.901	96	532417	37.047	ug/L	89
23) Methyl tert-butyl ether	6.636	73	1290527	36.838	ug/L	97
26) 1,1-Dichloroethane	7.718	63	1053594	39.788	ug/L	99
28) Acrylonitrile	6.611	53	142706	42.202	ug/L	98
30) Vinyl acetate	7.746	43	895790	41.390	ug/L	98
31) cis-1,2-Dichloroethene	8.900	96	556768	35.240	ug/L	92
32) 2,2-Dichloropropane	8.800	77	801972	37.150	ug/L	98
33) Bromochloromethane	9.528	128	228273	34.436	ug/L	87
35) Chloroform	9.204	83	945452	34.626	ug/L	99

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183848-3,31h,15,15,0.1
Misc : WG2183848,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Carbon tetrachloride	10.473	117	720123	35.386	ug/L	99
40) 1,1,1-Trichloroethane	9.977	97	814064	36.789	ug/L	97
42) 2-Butanone	8.563	43	152660	37.209	ug/L	98
43) 1,1-Dichloropropene	10.289	75	738313	40.062	ug/L	97
45) Benzene	10.825	78	2048174	38.053	ug/L	98
48) 1,2-Dichloroethane	10.813	62	667089	36.923	ug/L	98
52) Trichloroethene	12.063	95	554344	36.792	ug/L	95
54) Dibromomethane	13.036	93	268439	34.574	ug/L	98
55) 1,2-Dichloropropane	12.439	63	586165	39.953	ug/L	98
58) Bromodichloromethane	12.924	83	694942	35.478	ug/L	99
61) 1,4-Dioxane	12.991	88	135453	1717.345	ug/L	87
62) cis-1,3-Dichloropropene	14.082	75	814691	37.193	ug/L	99
66) Toluene	14.751	92	1322645	38.507	ug/L	97
67) 4-Methyl-2-pentanone	13.655	58	145360	41.060	ug/L	95
68) Tetrachloroethene	16.170	166	549965	36.653	ug/L	98
71) trans-1,3-Dichloropropene	15.180	75	680907	38.928	ug/L	96
75) 1,1,2-Trichloroethane	15.509	83	329975	38.840	ug/L	96
76) Chlorodibromomethane	16.633	129	462330	35.883	ug/L	99
77) 1,3-Dichloropropane	16.073	76	668382	38.870	ug/L	99
78) 1,2-Dibromoethane	17.082	107	362855	37.673	ug/L	99
80) 2-Hexanone	15.546	43	250336	42.394	ug/L	96
82) Chlorobenzene	18.022	112	1424450	37.767	ug/L	98
83) Ethylbenzene	18.153	91	2612341	39.892	ug/L	95
84) 1,1,1,2-Tetrachloroethane	18.131	131	486877	36.633	ug/L	99
85) p/m Xylene	18.332	106	1958523	77.720	ug/L	86
86) o Xylene	19.336	106	1860841	76.976	ug/L	84
87) Styrene	19.425	104	3068555	76.790	ug/L	97
89) Bromoform	20.189	173	256331	34.748	ug/L	100
91) Isopropylbenzene	20.178	105	2517817	41.177	ug/L	96
93) Bromobenzene	21.201	156	546552	37.041	ug/L	100
95) n-Propylbenzene	21.129	91	3028923	42.486	ug/L	94
97) 1,1,2,2-Tetrachloroethane	20.607	83	452165	40.147	ug/L	99
98) 4-Ethyltoluene	21.405	105	2414606	41.484	ug/L	96
99) 2-Chlorotoluene	21.527	91	1909821	40.704	ug/L	96
100) 1,3,5-Trimethylbenzene	21.514	105	2032897	40.954	ug/L	96
101) 1,2,3-Trichloropropane	20.959	75	325767	39.582	ug/L	96
102) trans-1,4-Dichloro-2-b...	21.145	53	148212	42.206	ug/L	89
103) 4-Chlorotoluene	21.650	91	1757846	40.068	ug/L	95
104) tert-Butylbenzene	22.353	119	1731052	40.304	ug/L	98

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183848-3,31h,15,15,0.1
Misc : WG2183848,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) 1,2,4-Trimethylbenzene	22.445	105	1956194	40.589	ug/L	95
109) sec-Butylbenzene	22.866	105	2670651	42.382	ug/L	95
110) p-Isopropyltoluene	23.209	119	2219293	41.116	ug/L	98
111) 1,3-Dichlorobenzene	23.401	146	1058594	38.224	ug/L	99
112) 1,4-Dichlorobenzene	23.658	146	1049385	37.917	ug/L	99
115) p-Diethylbenzene	24.213	119	1365605	41.761	ug/L	99
116) n-Butylbenzene	24.188	91	2597435	43.146	ug/L	96
118) 1,2-Dichlorobenzene	24.517	146	930252	37.543	ug/L	99
120) 1,2,4,5-Tetramethylben...	25.934	119	1974095	41.661	ug/L	95
121) 1,2-Dibromo-3-chloropr...	26.279	155	52797	34.161	ug/L	99
124) Hexachlorobutadiene	28.226	225	381913	40.141	ug/L	99
125) 1,2,4-Trichlorobenzene	27.967	180	648578	39.575	ug/L	99
126) Naphthalene	28.421	128	1111691	37.929	ug/L	100
127) 1,2,3-Trichlorobenzene	28.859	180	535862	38.899	ug/L	99

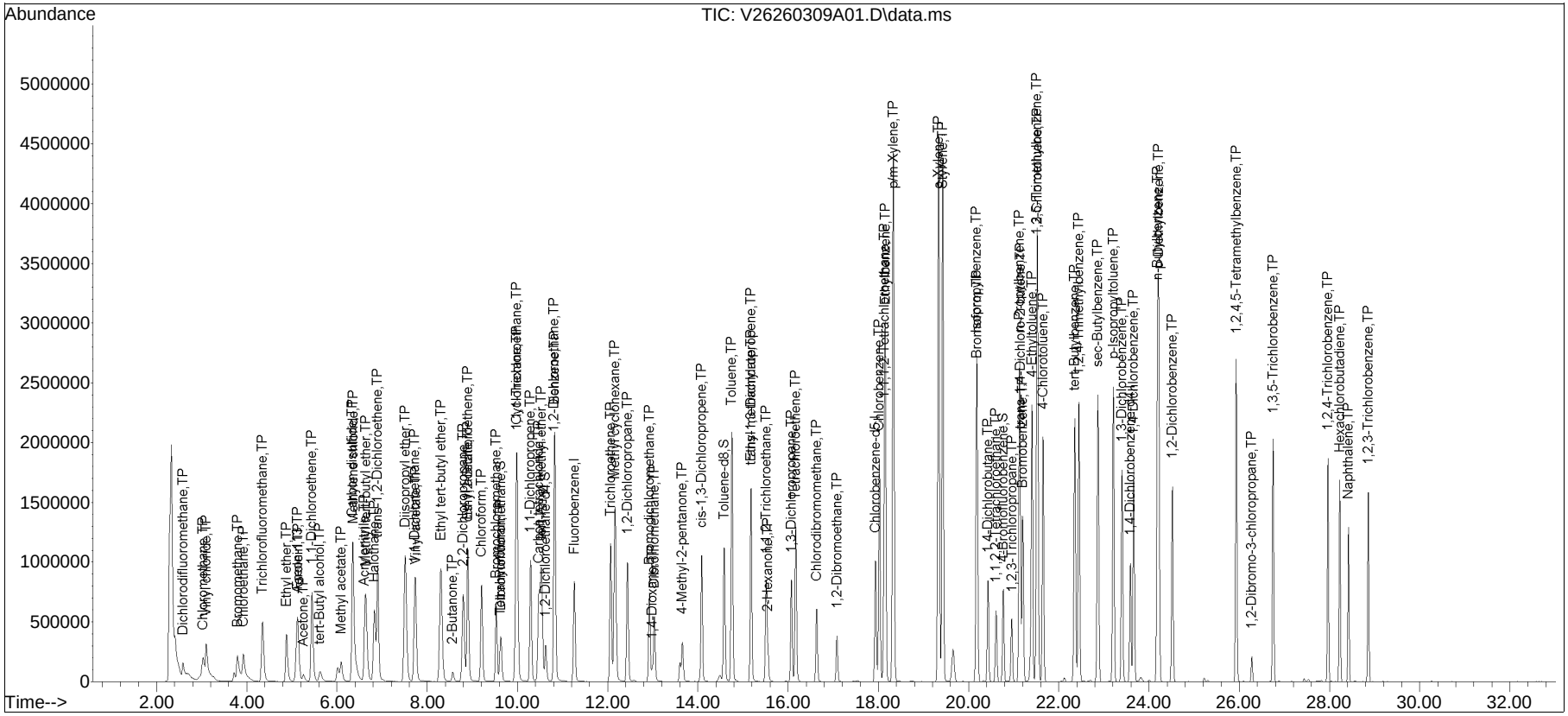
(#) = qualifier out of range (m) = manual integration (+) = signals summed

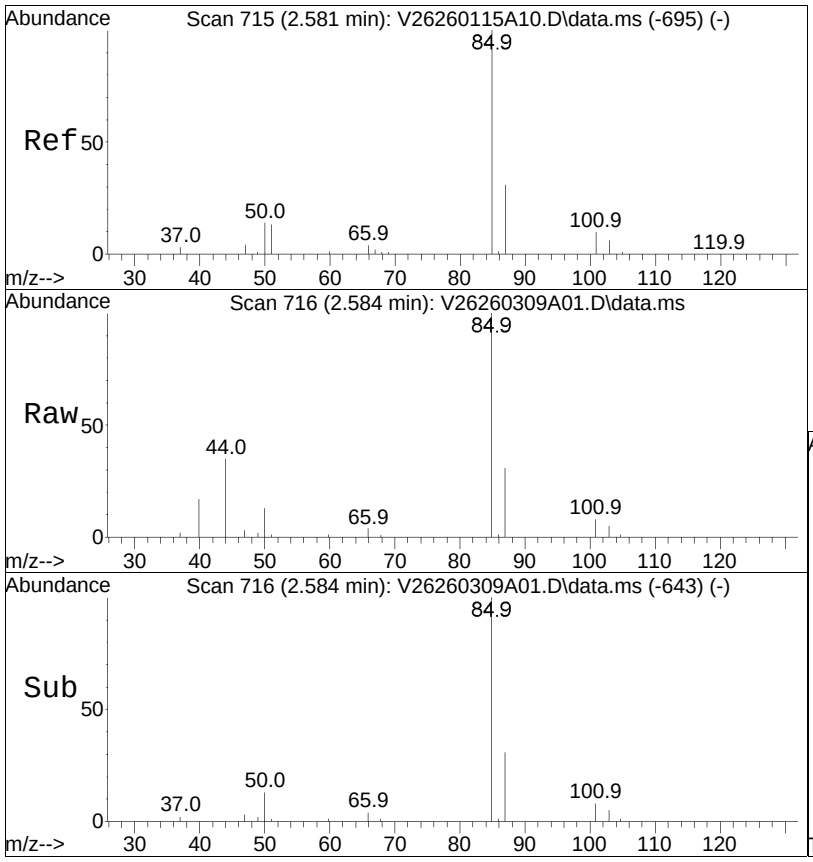
Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A01.D
Acq On : 09 Mar 2026 09:29 am
Operator : VOA126:TMH
Sample : WG2183848-3,31h,15,15,0.1
Misc : WG2183848,ICAL22967
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 09 10:10:43 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

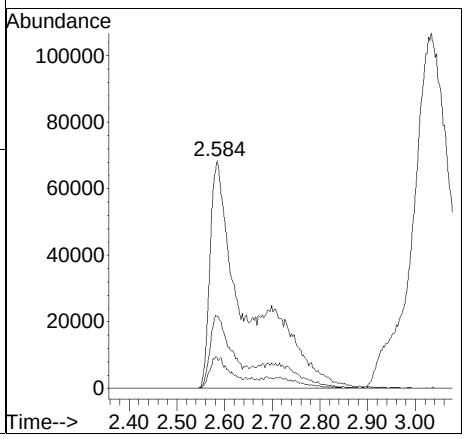


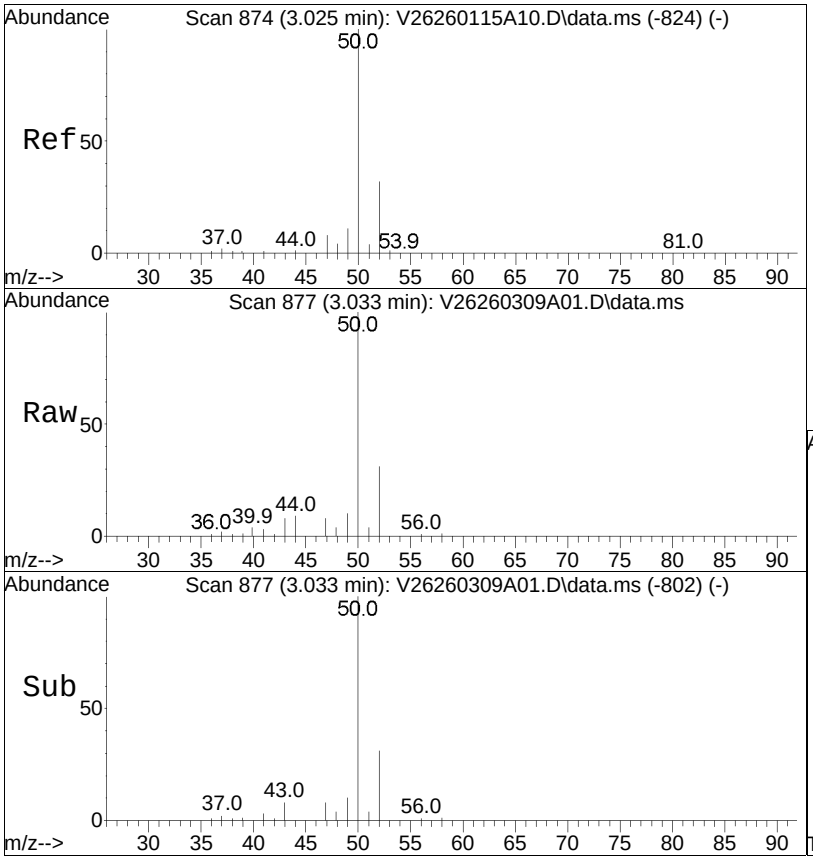


#2
Dichlorodifluoromethane
Concen: 23.23 ug/L M1
RT: 2.584 min Scan# 716
Delta R.T. 0.003 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 85 Resp: 371567

Ion	Ratio	Lower	Upper
85	100		
87	22.4	21.1	43.7
50	7.6	14.2	29.4#

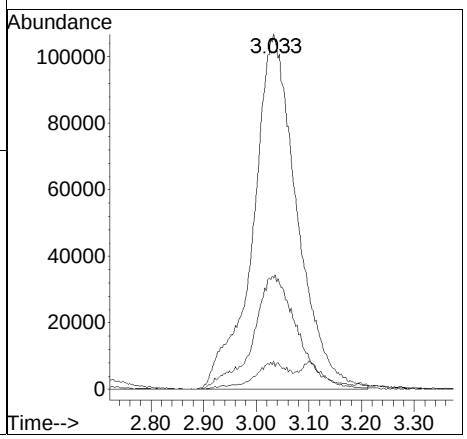


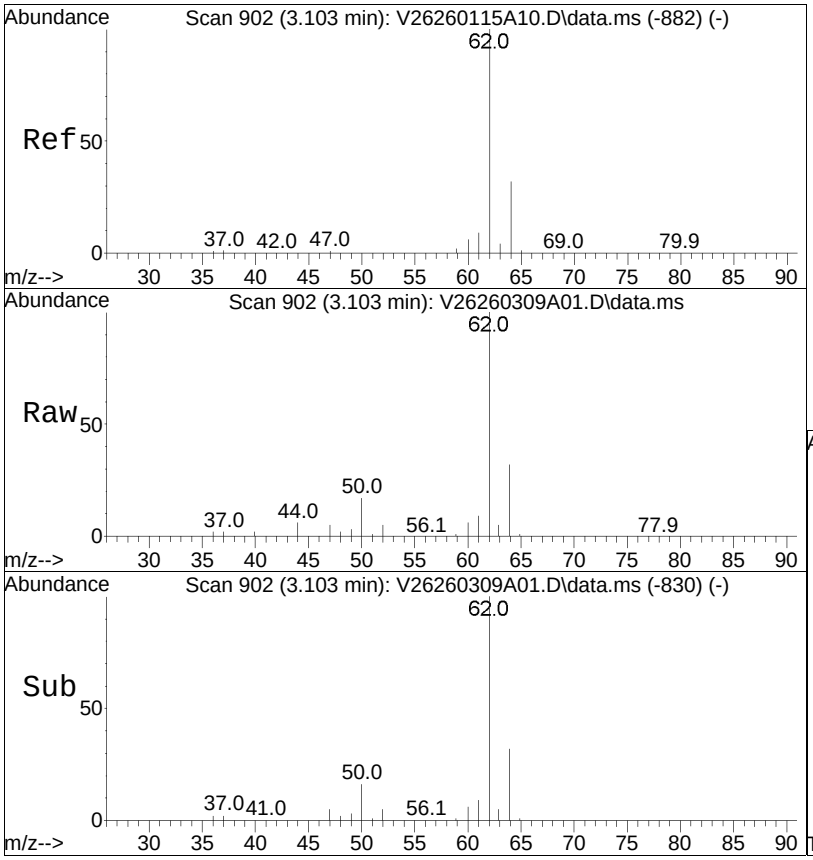


#4
Chloromethane
Concen: 37.57 ug/L
RT: 3.033 min Scan# 877
Delta R.T. 0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 50 Resp: 621329

Ion	Ratio	Lower	Upper
50	100		
52	28.7	12.5	52.5
47	5.3	0.0	27.8

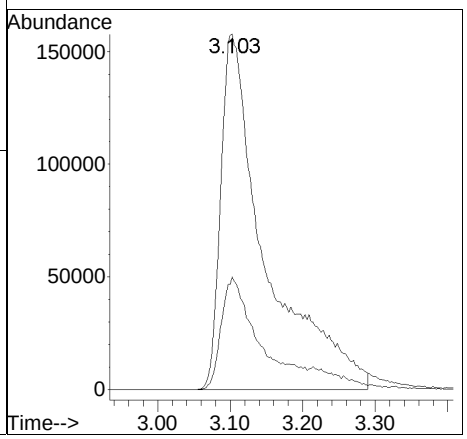


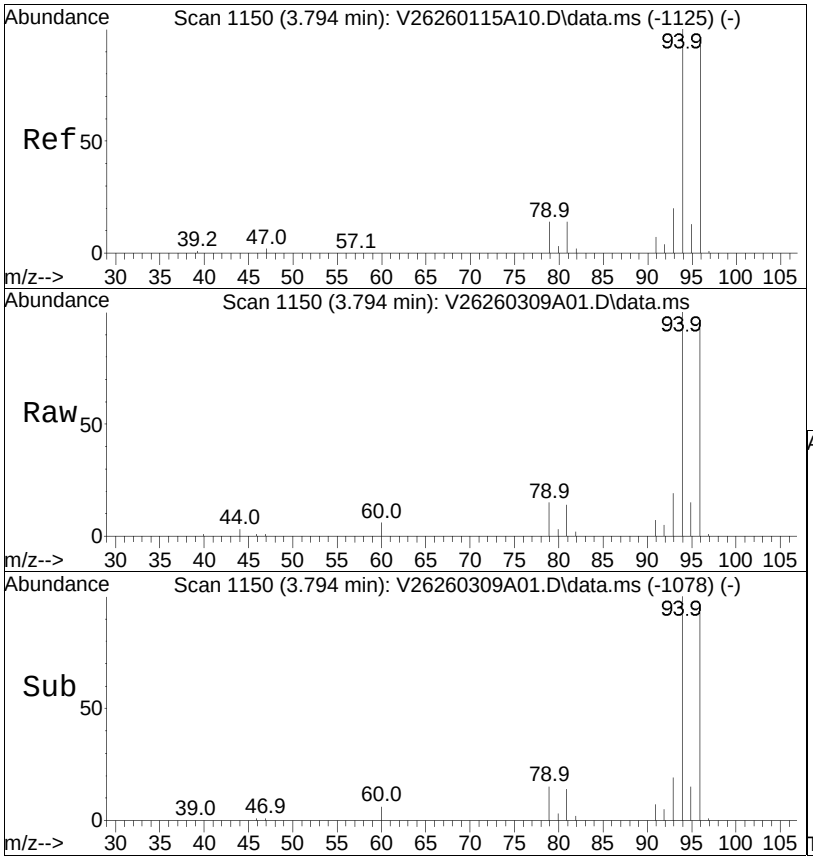


#5
Vinyl chloride
Concen: 37.30 ug/L
RT: 3.103 min Scan# 902
Delta R.T. 0.000 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 62 Resp: 676261

Ion	Ratio	Lower	Upper
62	100		
64	30.9	11.3	51.3

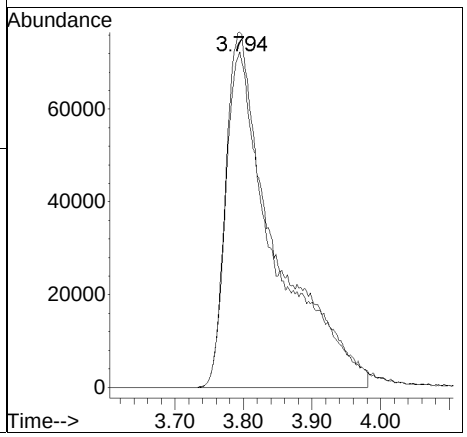


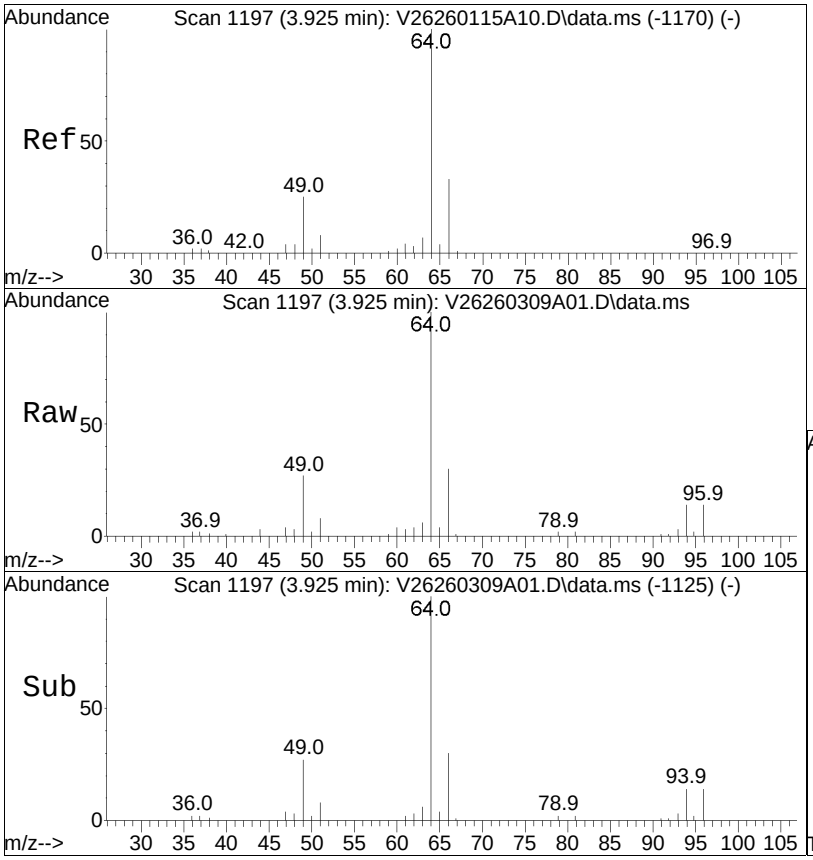


#6
Bromomethane
Concen: 33.12 ug/L
RT: 3.794 min Scan# 1150
Delta R.T. 0.000 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 94 Resp: 385066

Ion	Ratio	Lower	Upper
94	100		
96	93.7	71.1	111.1

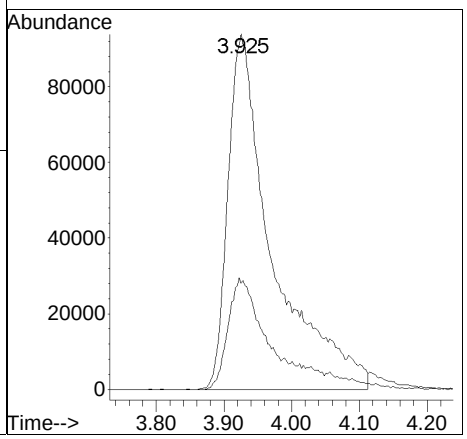


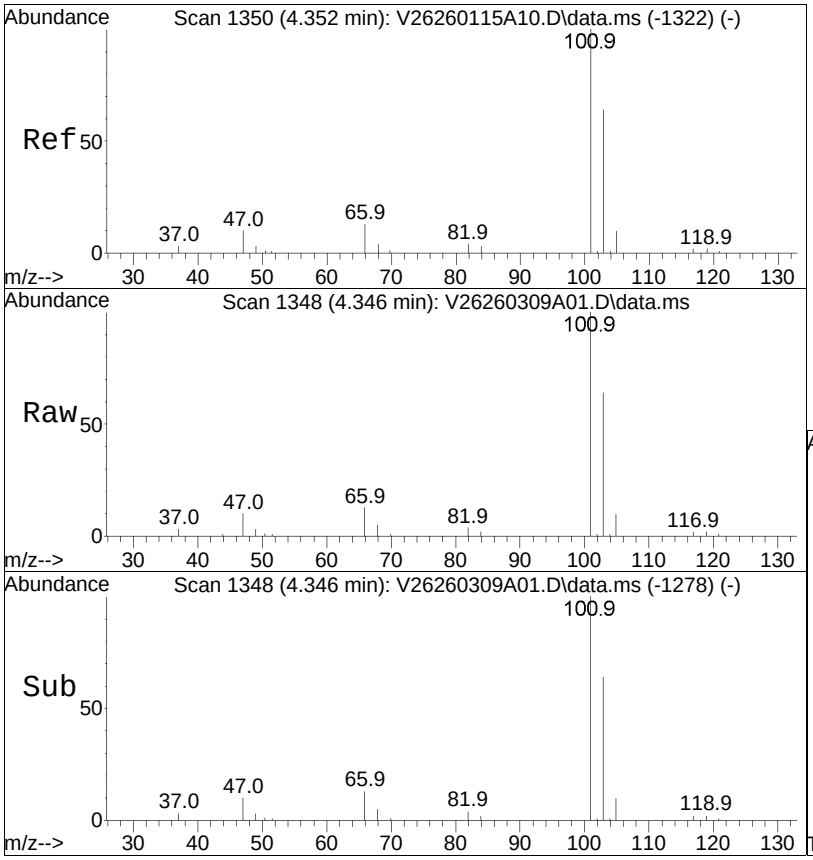


#7
Chloroethane
Concen: 38.67 ug/L
RT: 3.925 min Scan# 1197
Delta R.T. 0.000 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 64 Resp: 427791

Ion	Ratio	Lower	Upper
64	100		
66	28.9	11.3	51.3

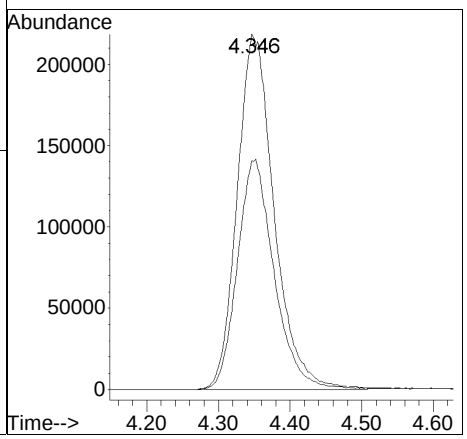


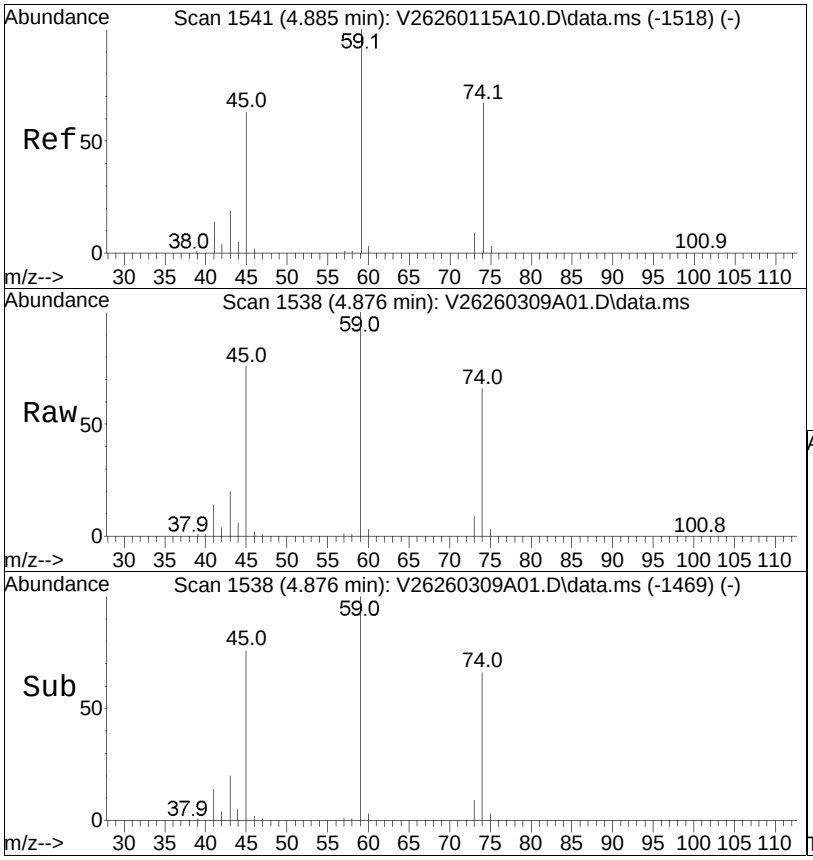


#8
Trichlorofluoromethane
Concen: 37.41 ug/L
RT: 4.346 min Scan# 1348
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:101 Resp: 782738

Ion	Ratio	Lower	Upper
101	100		
103	64.4	50.5	75.7

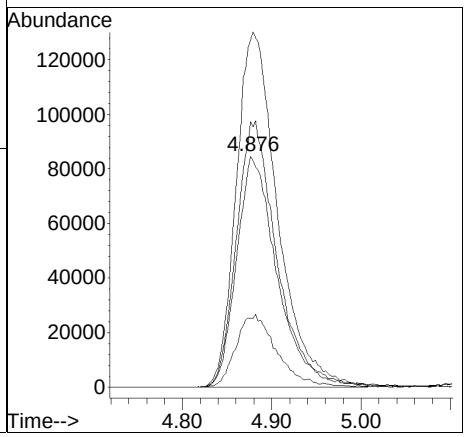


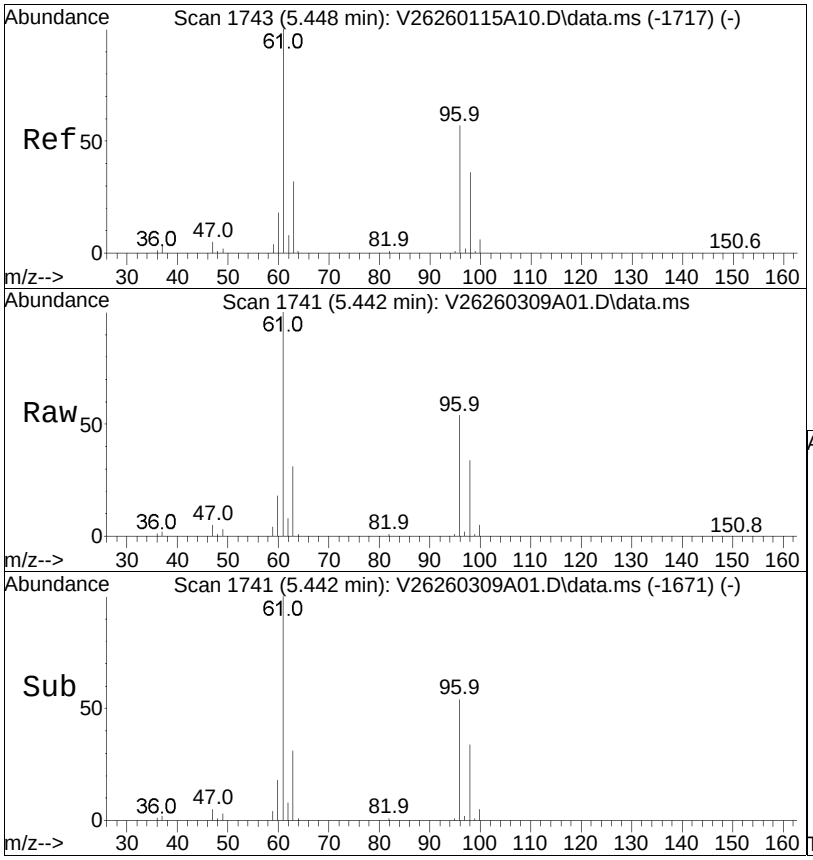


#9
Ethyl ether
Concen: 38.35 ug/L
RT: 4.876 min Scan# 1538
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 74 Resp: 267576

Ion	Ratio	Lower	Upper
74	100		
59	158.0	93.6	194.4
45	115.5	70.7	146.9
43	31.4	19.2	40.0

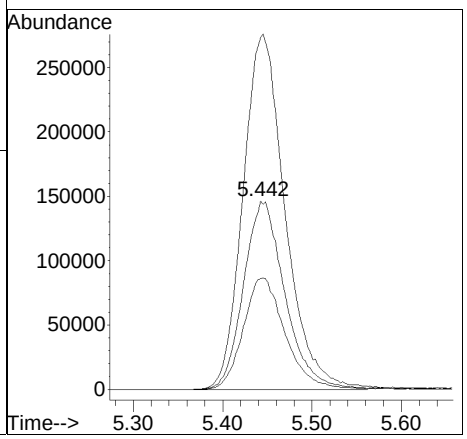


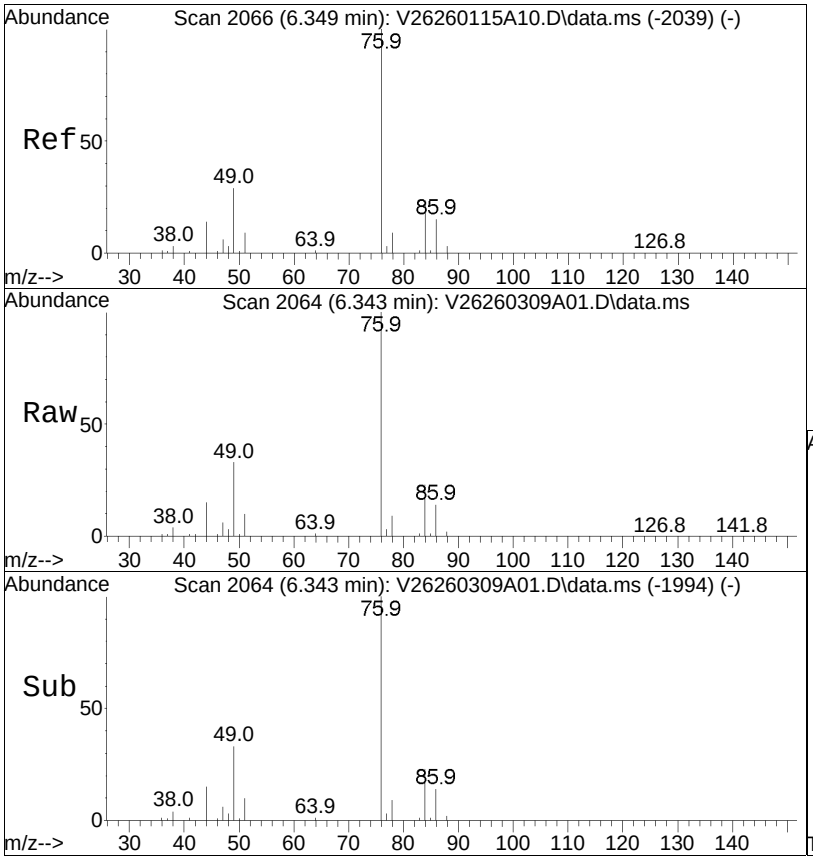


#11
1,1-Dichloroethene
Concen: 37.09 ug/L
RT: 5.442 min Scan# 1741
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 96 Resp: 471265

Ion	Ratio	Lower	Upper
96	100		
61	192.0	133.8	200.8
63	59.5	42.6	63.8

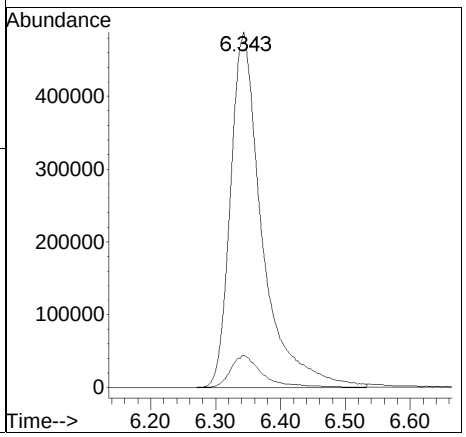


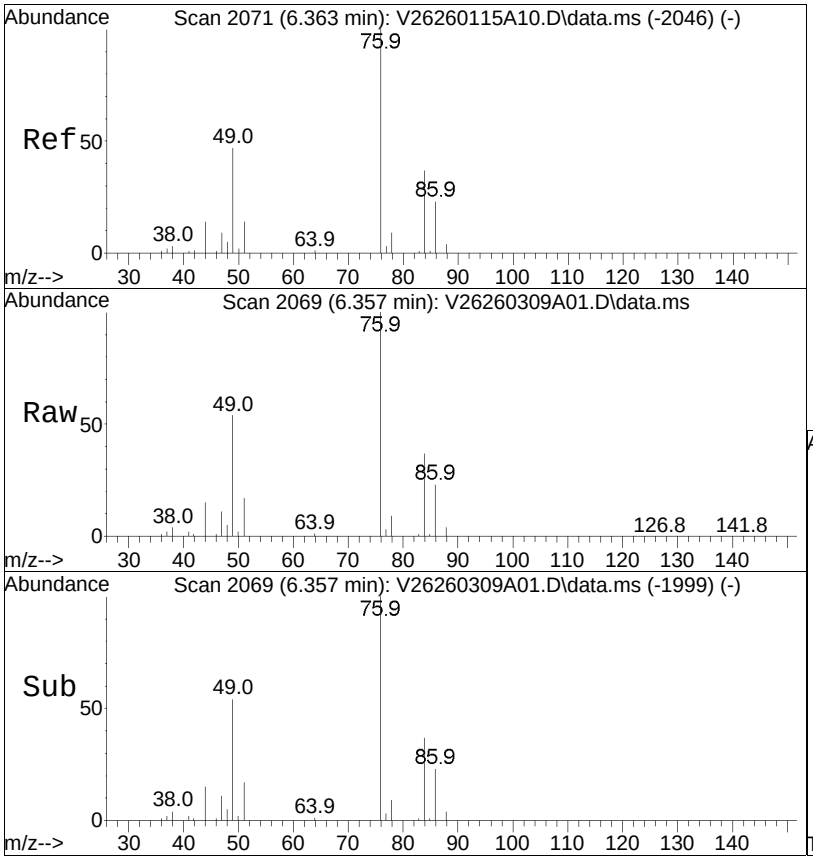


#12
Carbon disulfide
Concen: 37.18 ug/L
RT: 6.343 min Scan# 2064
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 76 Resp: 1657891

Ion	Ratio	Lower	Upper
76	100		
78	9.1	5.9	12.3

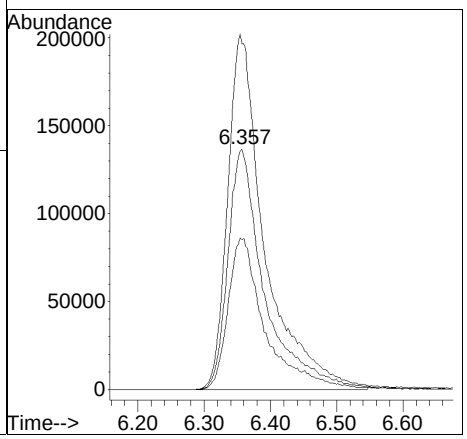


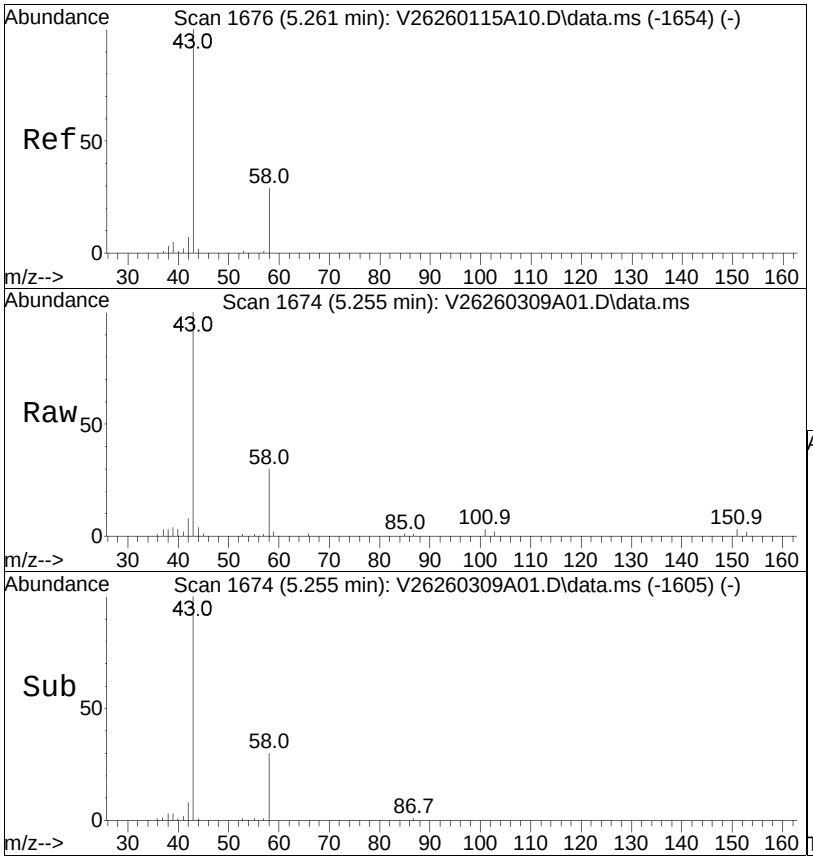


#17
Methylene chloride
Concen: 33.18 ug/L
RT: 6.357 min Scan# 2069
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 84 Resp: 524276

Ion	Ratio	Lower	Upper
84	100		
86	63.8	41.9	87.1
49	149.3	88.1	183.1

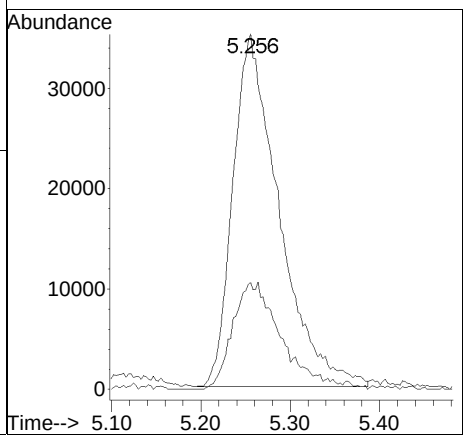


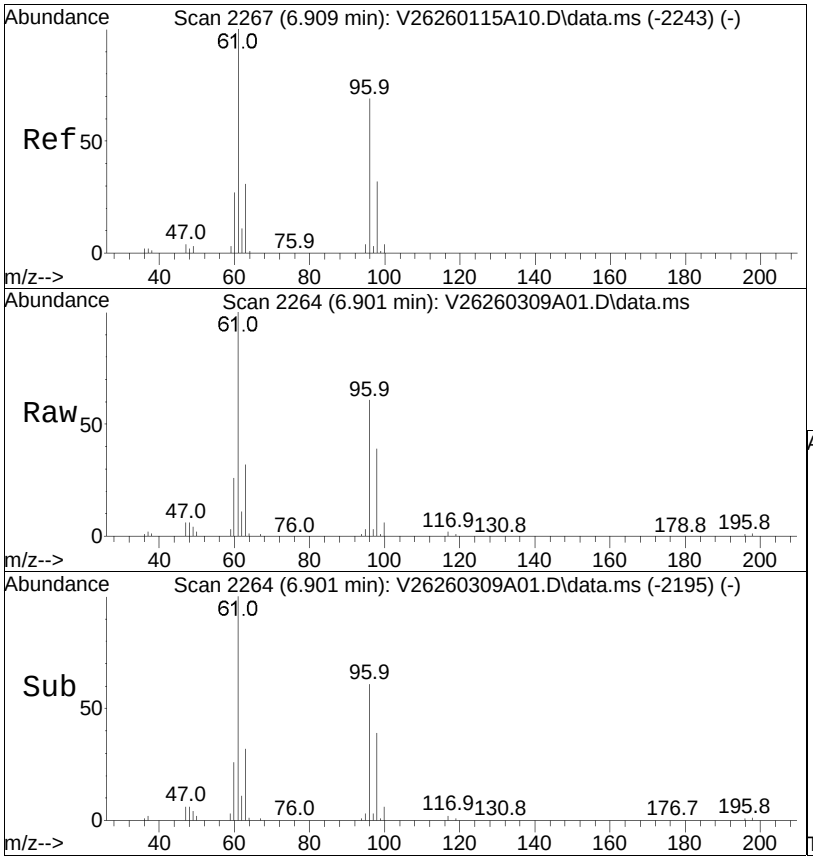


#19
Acetone
Concen: 38.57 ug/L
RT: 5.255 min Scan# 1674
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 43 Resp: 125778

Ion	Ratio	Lower	Upper
43	100		
58	31.8	24.6	37.0

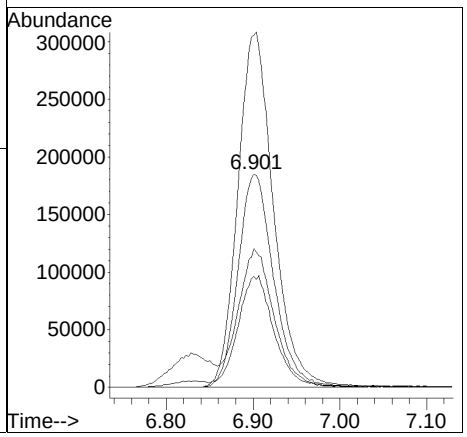


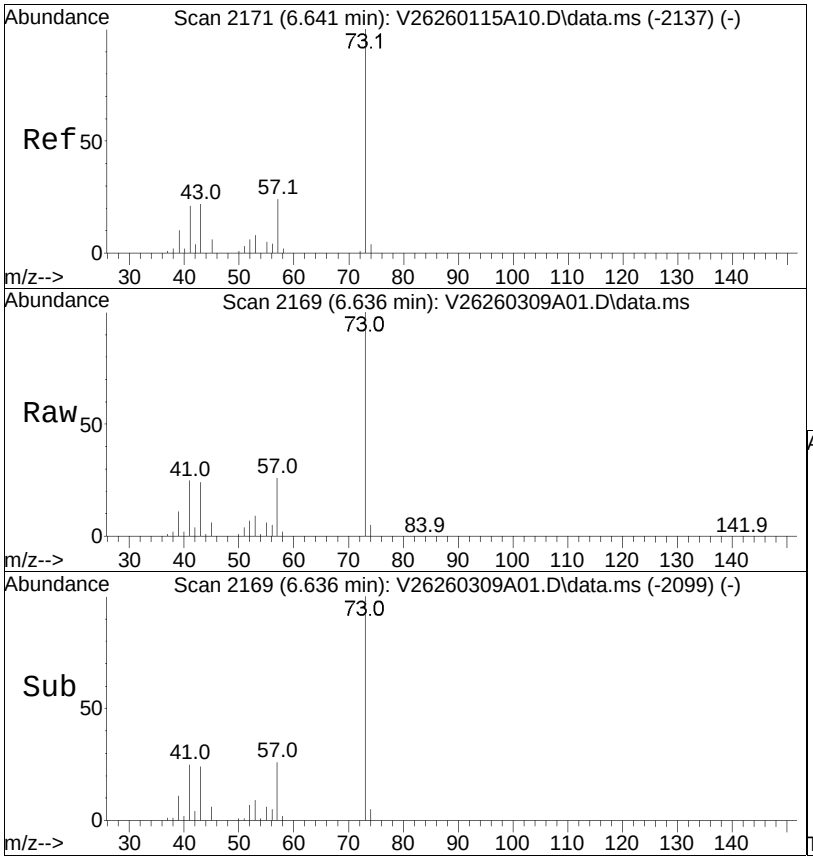


#20
trans-1,2-Dichloroethene
Concen: 37.05 ug/L
RT: 6.901 min Scan# 2264
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 96 Resp: 532417

Ion	Ratio	Lower	Upper
96	100		
61	166.1	94.1	195.5
98	64.5	42.4	88.0
63	51.9	30.4	63.0

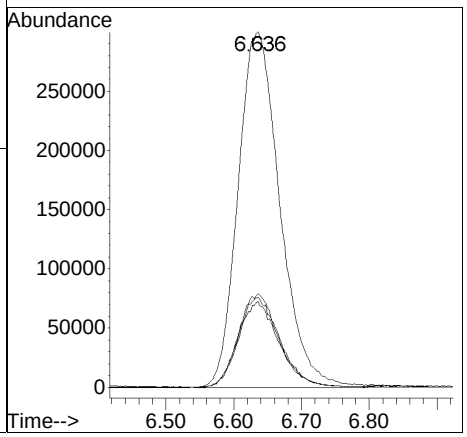


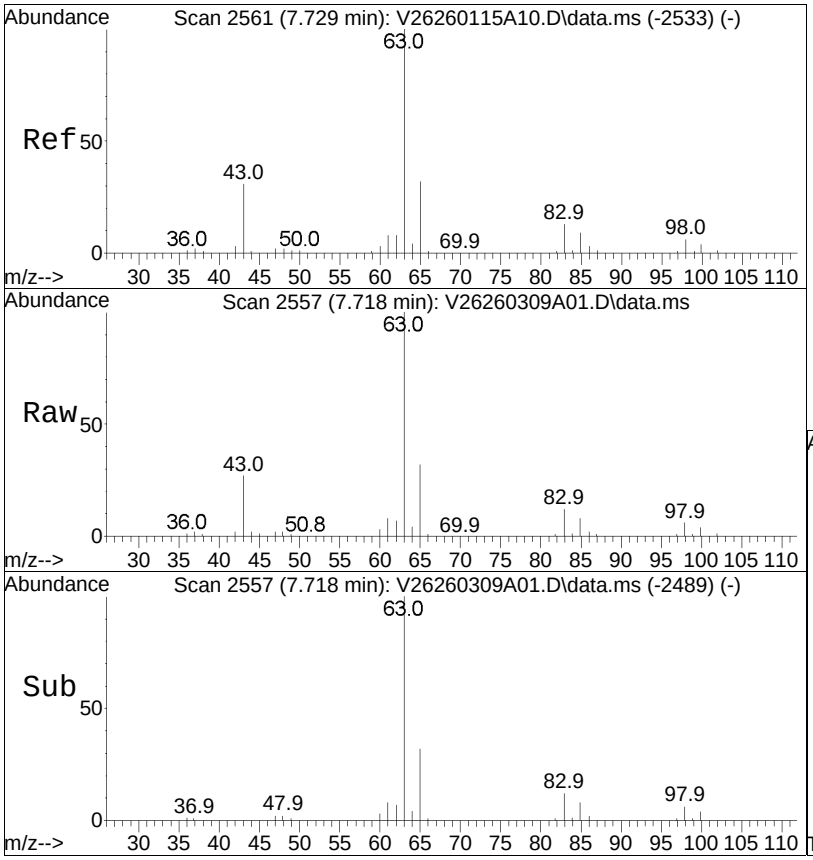


#23
Methyl tert-butyl ether
Concen: 36.84 ug/L
RT: 6.636 min Scan# 2169
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 73 Resp: 1290527

Ion	Ratio	Lower	Upper
73	100		
57	26.1	15.8	32.8
43	23.3	14.7	30.5
41	24.9	14.8	30.8

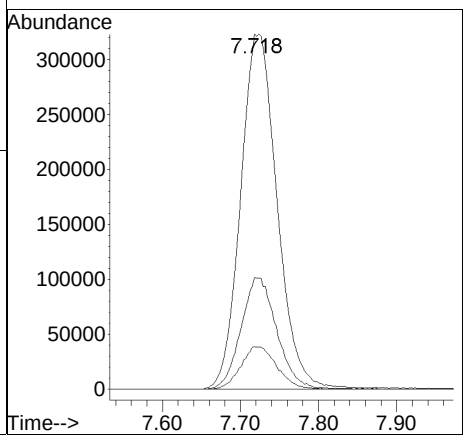


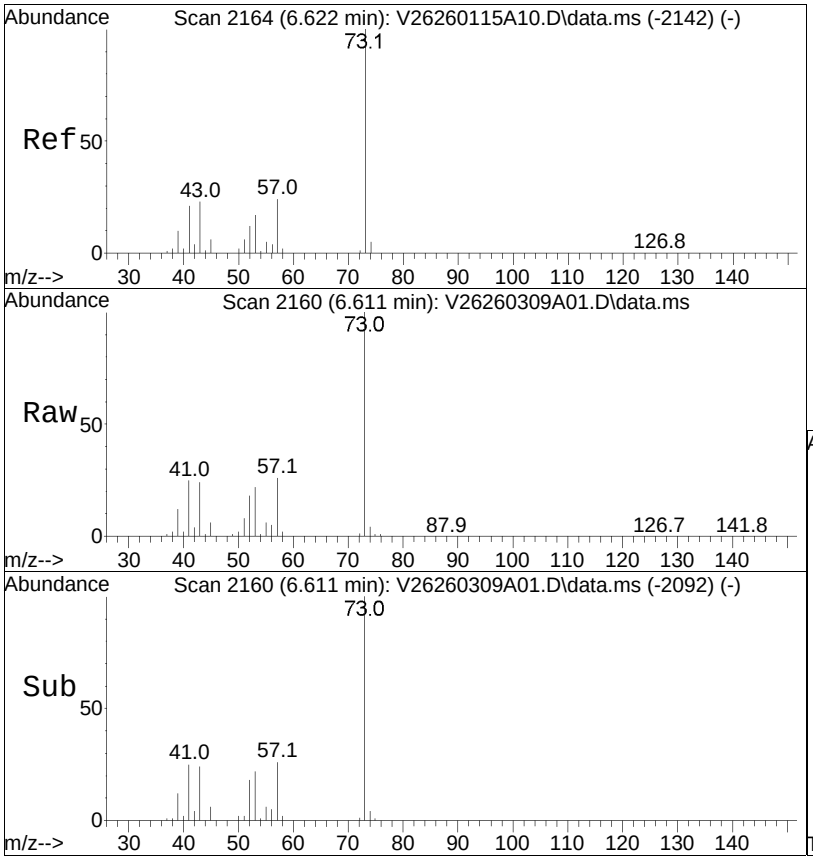


#26
1,1-Dichloroethane
Concen: 39.79 ug/L
RT: 7.718 min Scan# 2557
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 63 Resp: 1053594

Ion	Ratio	Lower	Upper
63	100		
65	31.0	11.3	51.3
83	12.0	0.0	33.1

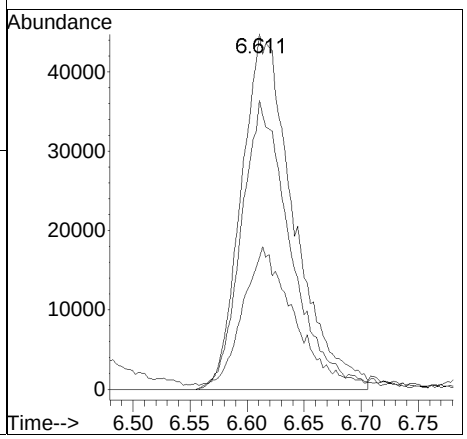


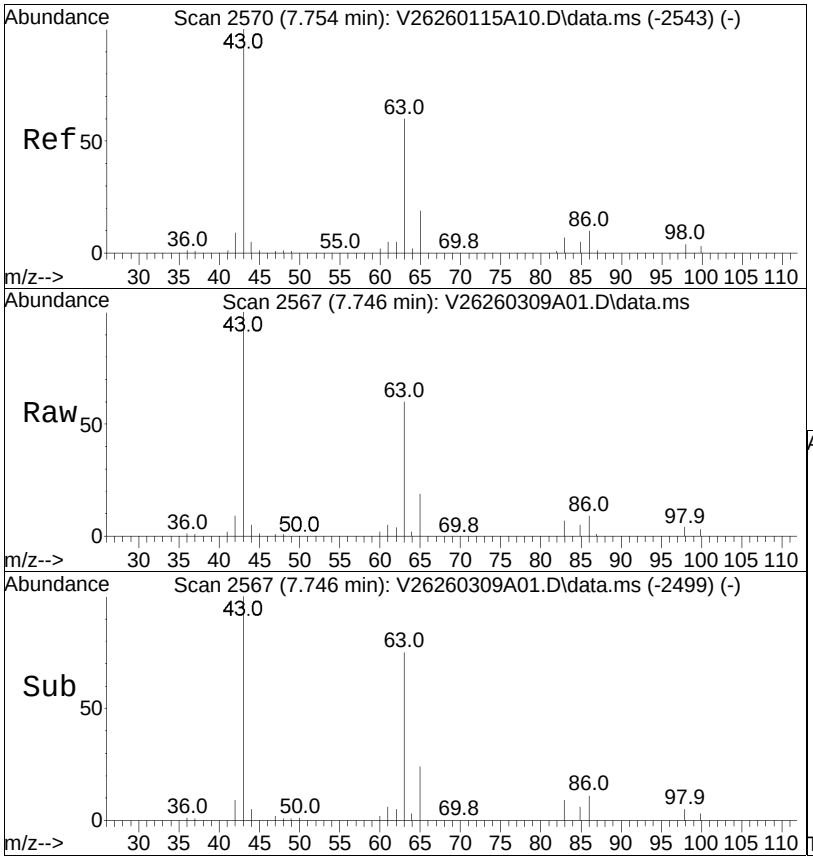


#28
Acrylonitrile
Concen: 42.20 ug/L
RT: 6.611 min Scan# 2160
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 53 Resp: 142706

Ion	Ratio	Lower	Upper
53	100		
52	76.5	62.6	93.8
51	37.7	29.4	44.2

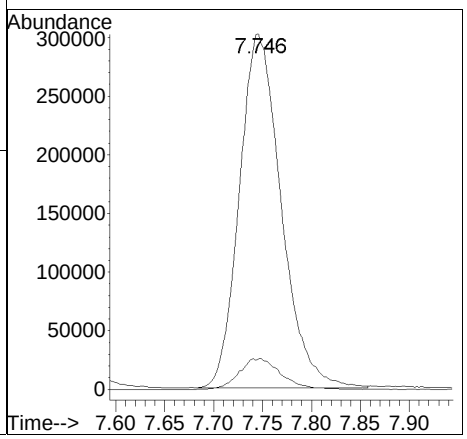


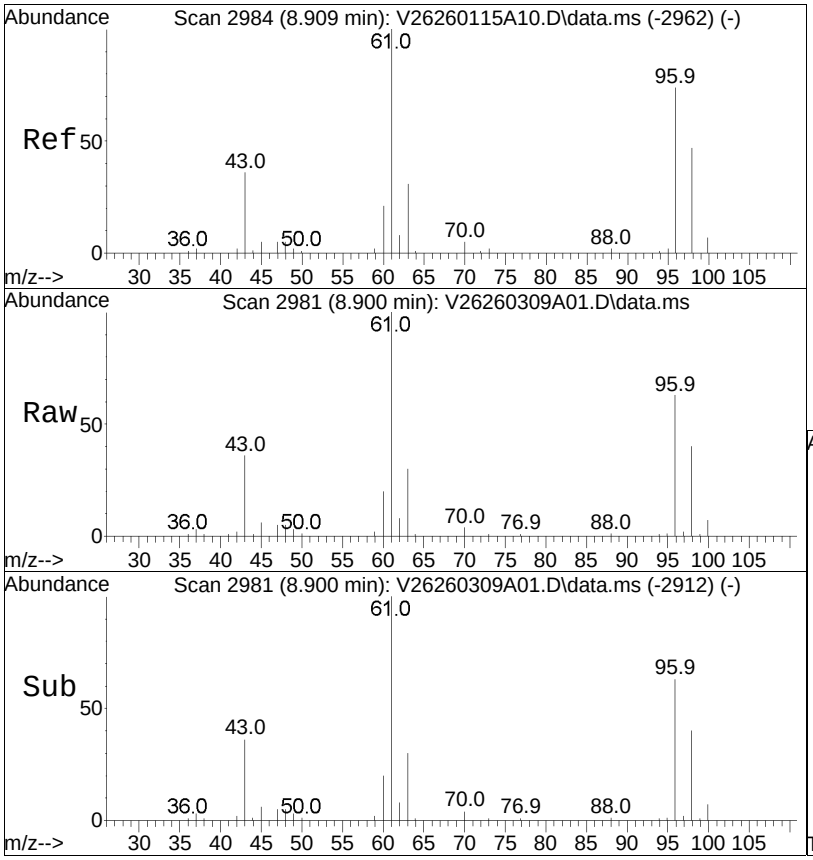


#30
Vinyl acetate
Concen: 41.39 ug/L
RT: 7.746 min Scan# 2567
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 43 Resp: 895790

Ion	Ratio	Lower	Upper
43	100		
86	8.8	7.7	11.5

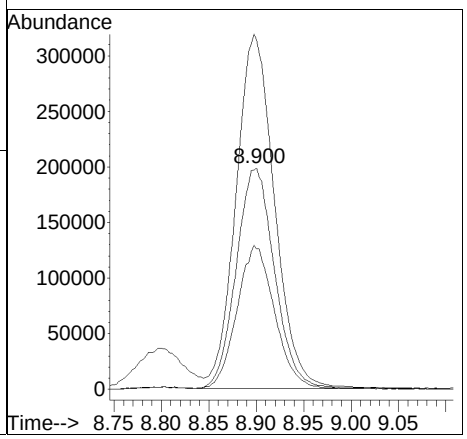


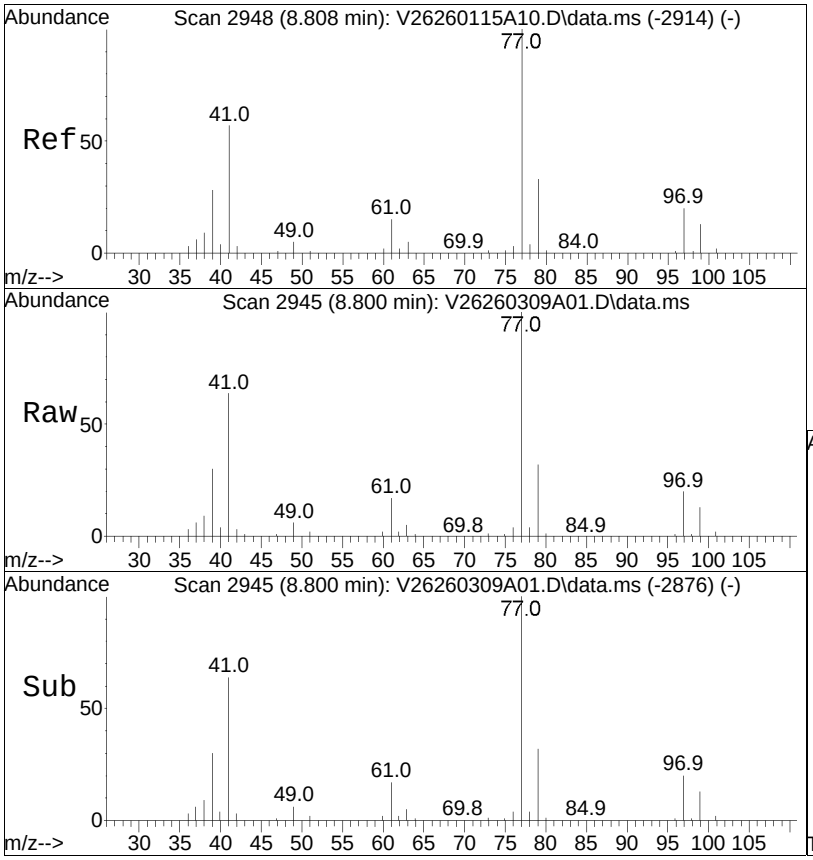


#31
cis-1,2-Dichloroethene
Concen: 35.24 ug/L
RT: 8.900 min Scan# 2981
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 96 Resp: 556768

Ion	Ratio	Lower	Upper
96	100		
61	161.2	117.3	175.9
98	63.4	51.4	77.0

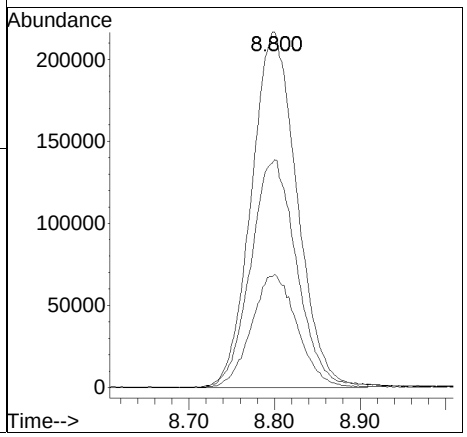


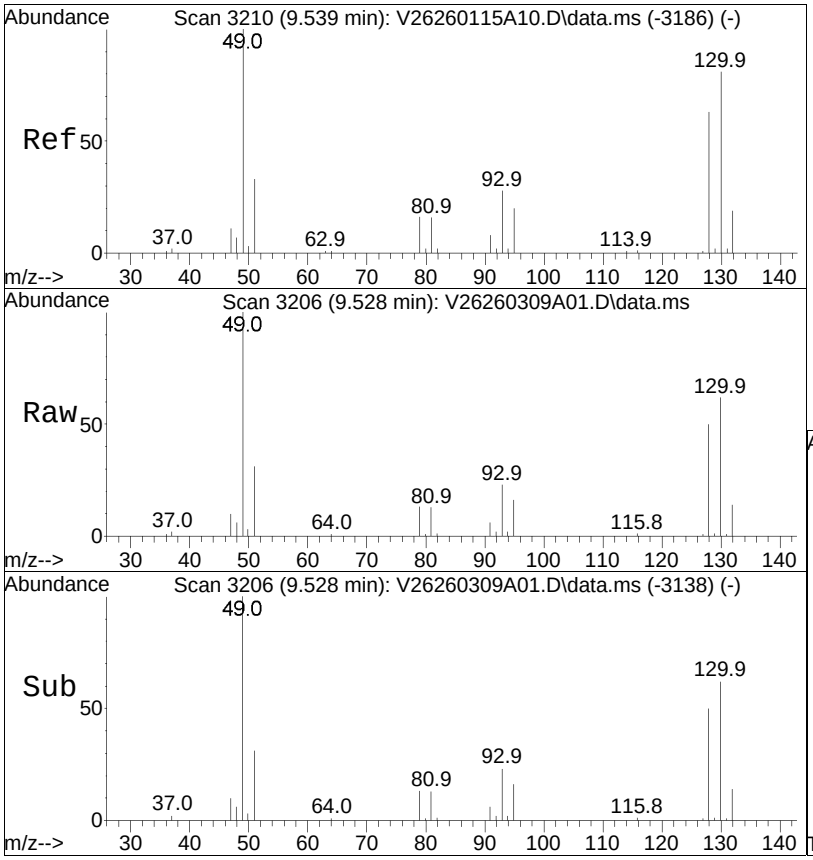


#32
2,2-Dichloropropane
Concen: 37.15 ug/L
RT: 8.800 min Scan# 2945
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 77 Resp: 801972

Ion	Ratio	Lower	Upper
77	100		
41	64.7	40.4	83.8
79	32.0	20.9	43.5

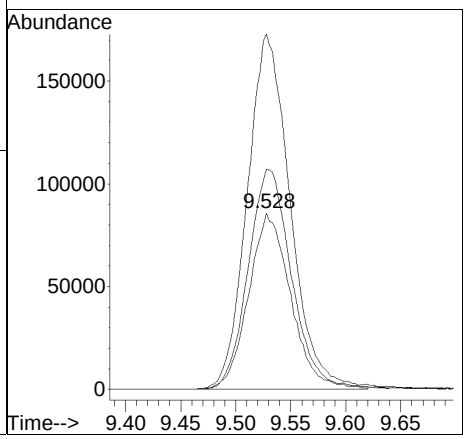


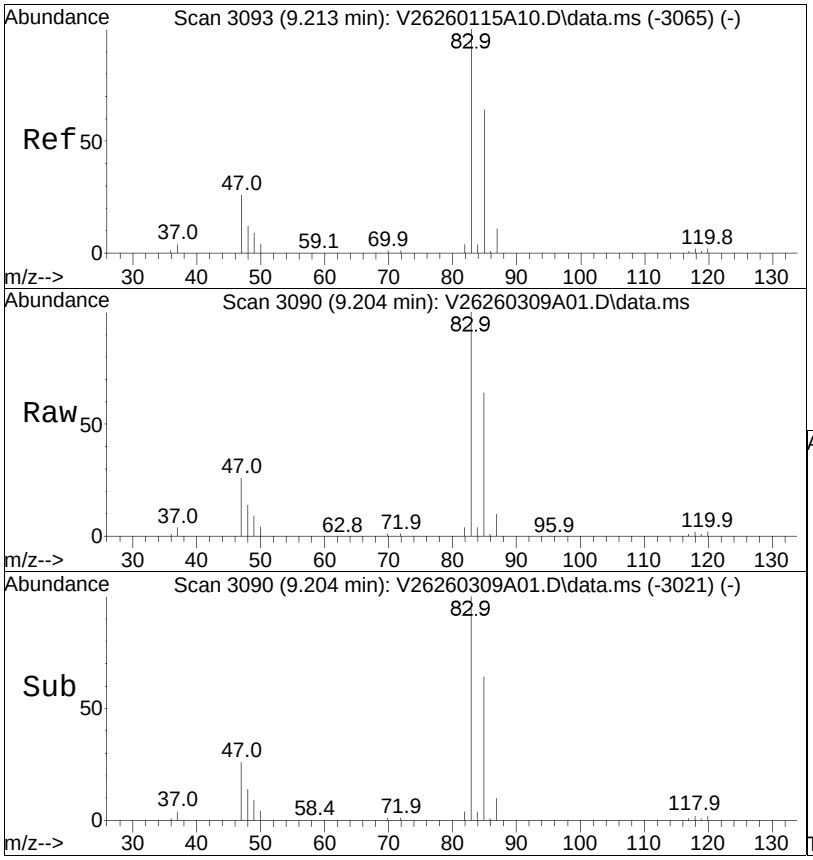


#33
Bromochloromethane
Concen: 34.44 ug/L
RT: 9.528 min Scan# 3206
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:128 Resp: 228273

Ion	Ratio	Lower	Upper
128	100		
49	205.4	139.0	208.4
130	128.9	102.9	154.3

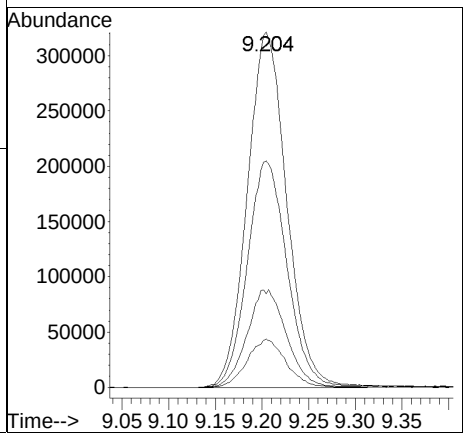


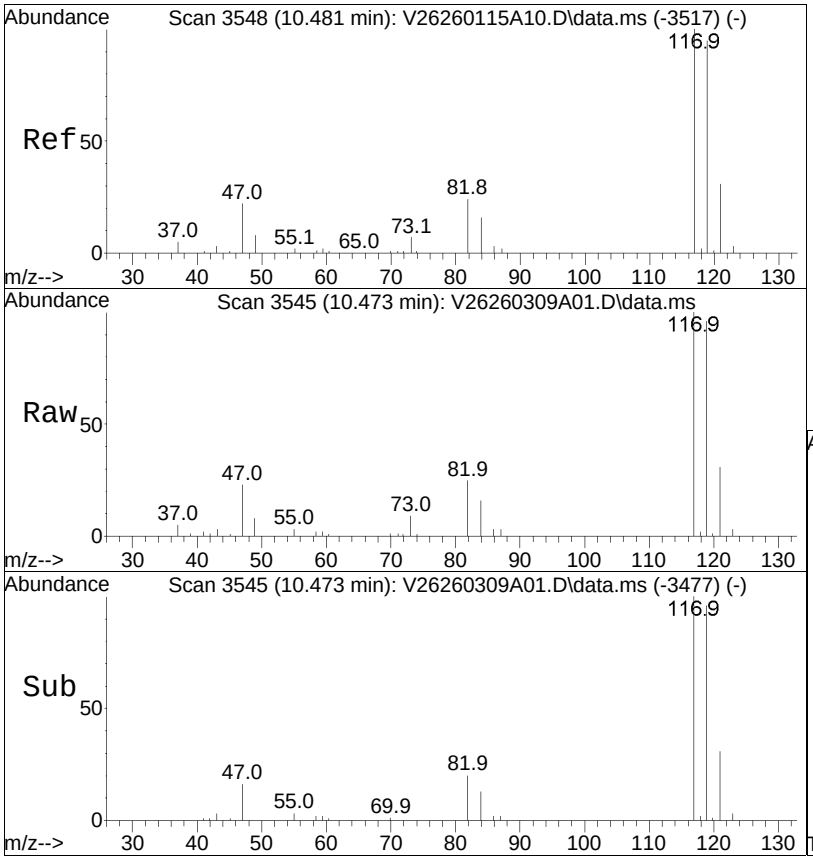


#35
Chloroform
Concen: 34.63 ug/L
RT: 9.204 min Scan# 3090
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 83 Resp: 945452

Ion	Ratio	Lower	Upper
83	100		
85	64.4	42.3	87.9
47	27.6	17.3	35.9
48	13.4	8.3	17.3

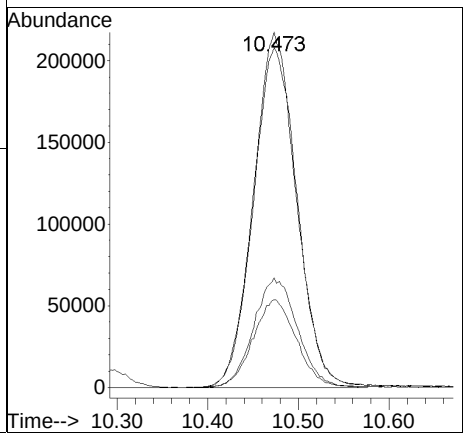


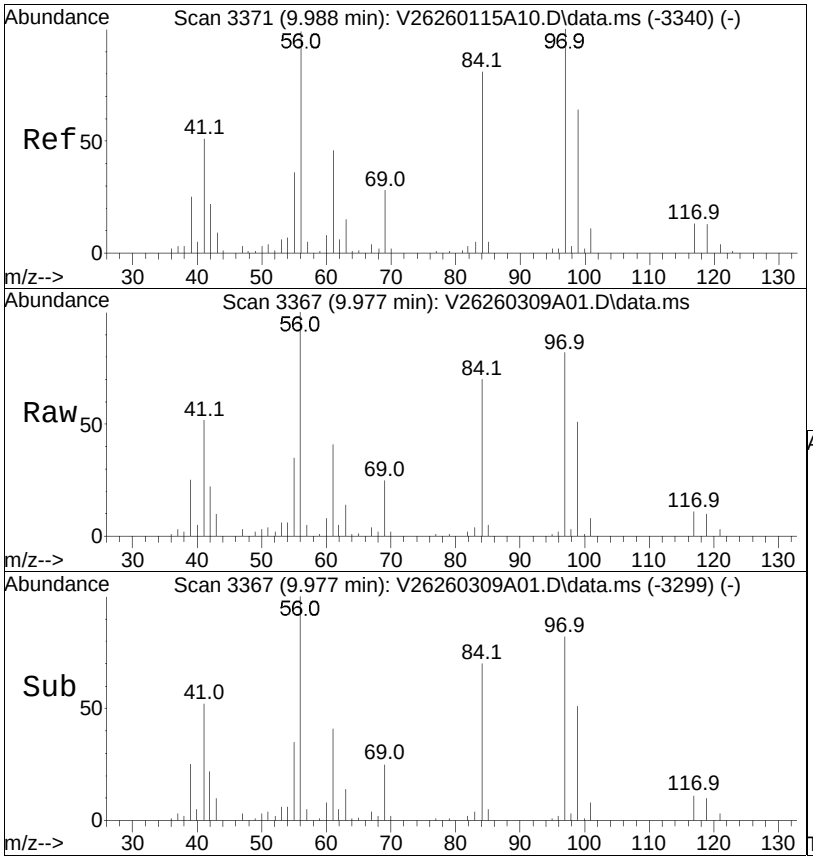


#37
Carbon tetrachloride
Concen: 35.39 ug/L
RT: 10.473 min Scan# 3545
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:117 Resp: 720123

Ion	Ratio	Lower	Upper
117	100		
119	96.9	62.5	129.9
121	31.1	20.3	42.1
82	24.9	15.5	32.1

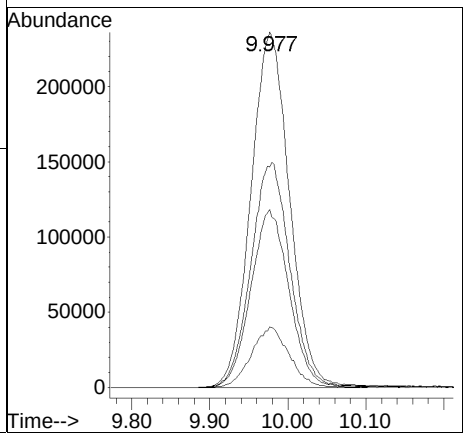


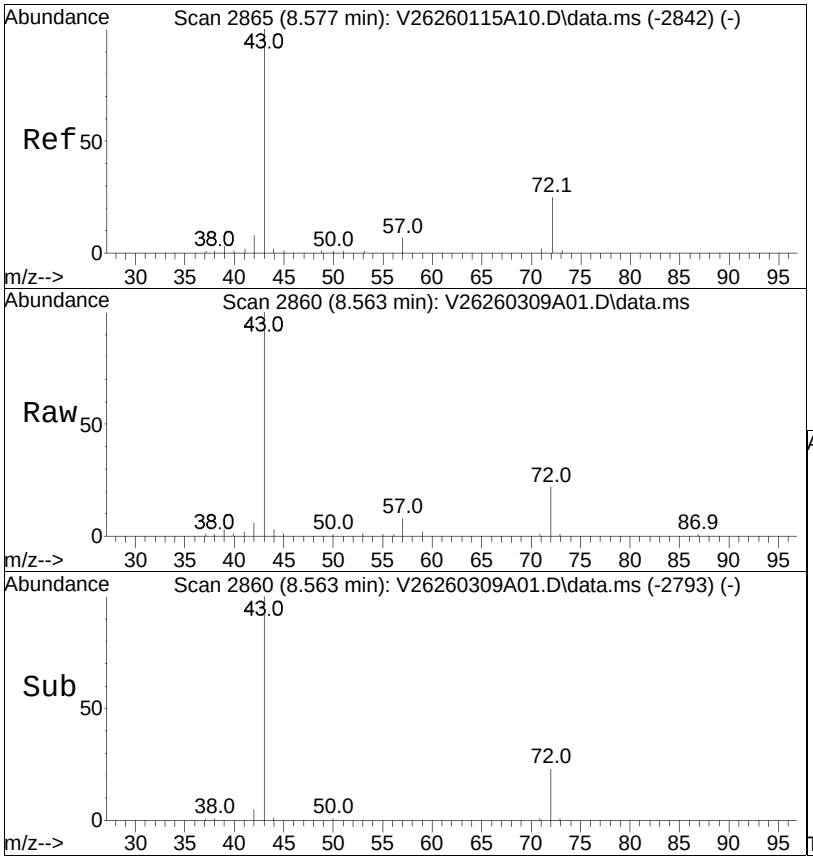


#40
1,1,1-Trichloroethane
Concen: 36.79 ug/L
RT: 9.977 min Scan# 3367
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 97 Resp: 814064

Ion	Ratio	Lower	Upper
97	100		
99	63.7	41.9	86.9
61	49.9	29.7	61.7
63	16.6	9.9	20.5

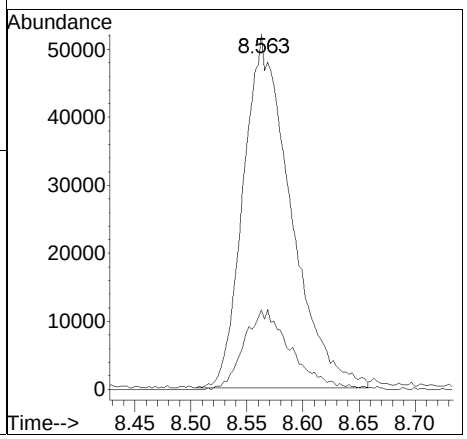


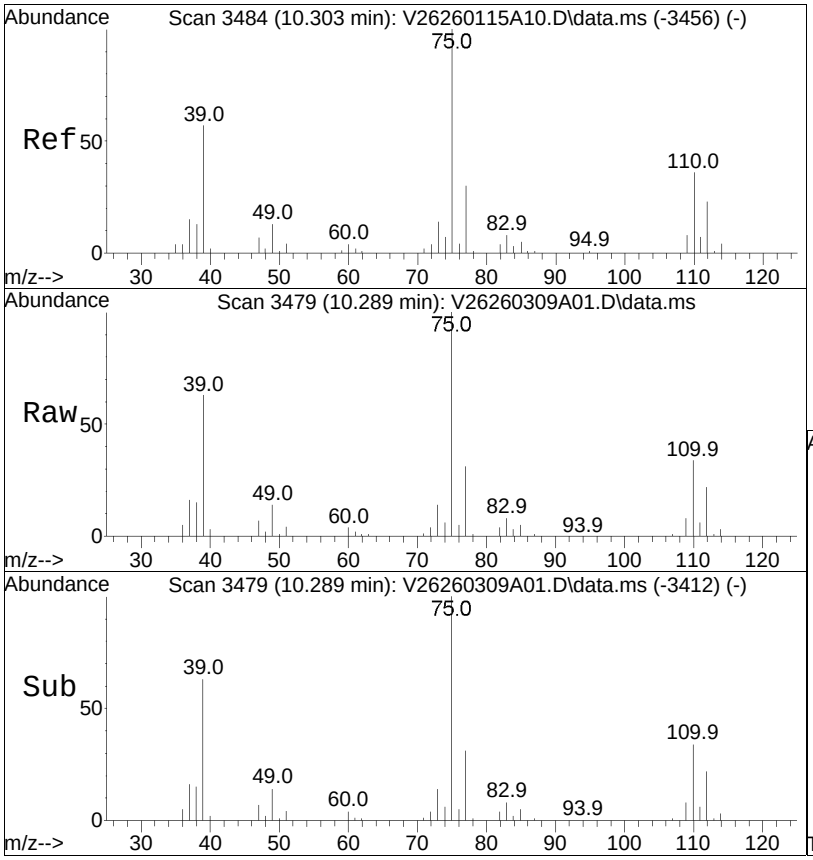


#42
2-Butanone
Concen: 37.21 ug/L
RT: 8.563 min Scan# 2860
Delta R.T. -0.014 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 43 Resp: 152660

Ion	Ratio	Lower	Upper
43	100		
72	22.3	18.7	28.1

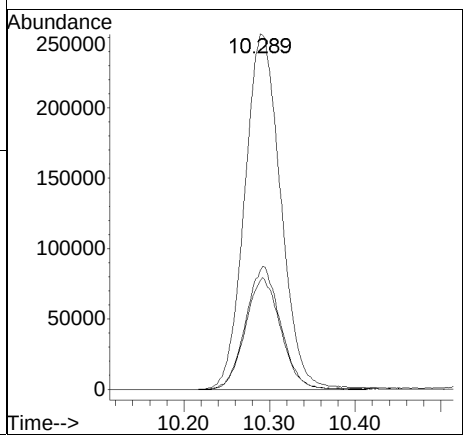


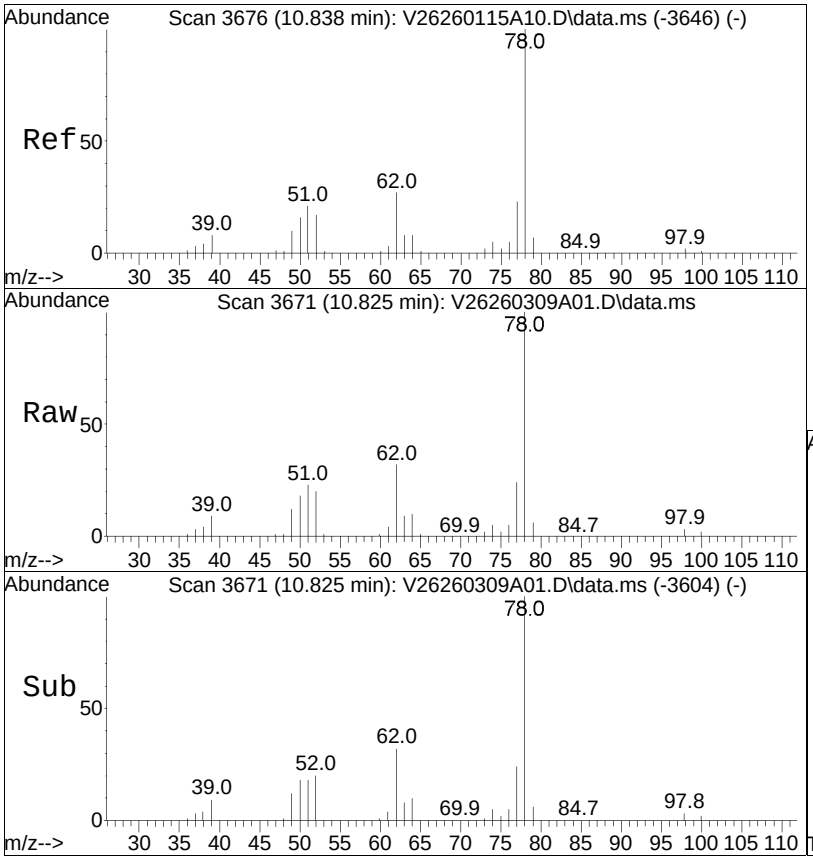


#43
1,1-Dichloropropene
Concen: 40.06 ug/L
RT: 10.289 min Scan# 3479
Delta R.T. -0.014 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 75 Resp: 738313

Ion	Ratio	Lower	Upper
75	100		
110	33.5	23.9	49.7
77	30.8	20.2	42.0

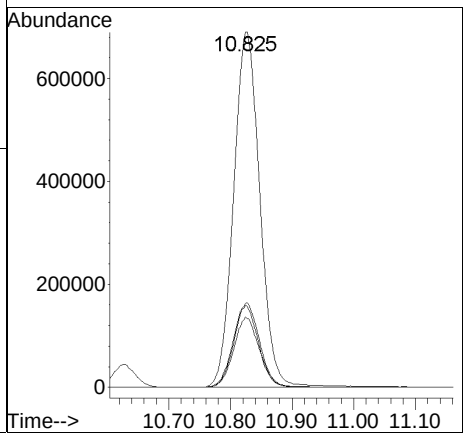


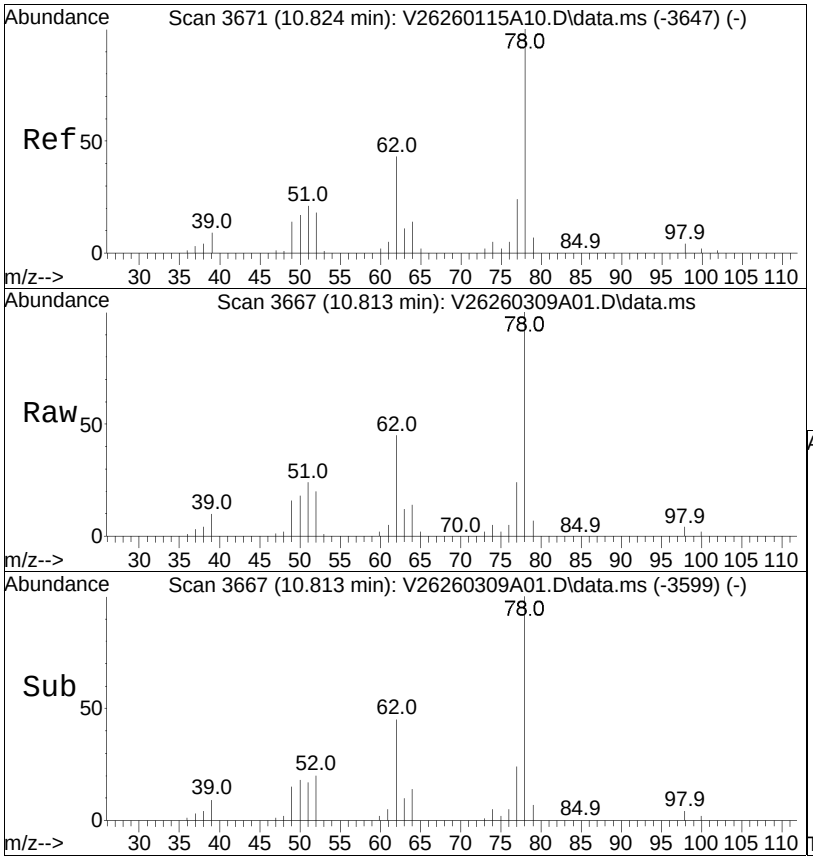


#45
Benzene
Concen: 38.05 ug/L
RT: 10.825 min Scan# 3671
Delta R.T. -0.014 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 78 Resp: 2048174

Ion	Ratio	Lower	Upper
78	100		
77	23.2	15.6	32.4
51	22.6	14.3	29.7
52	19.2	11.9	24.7

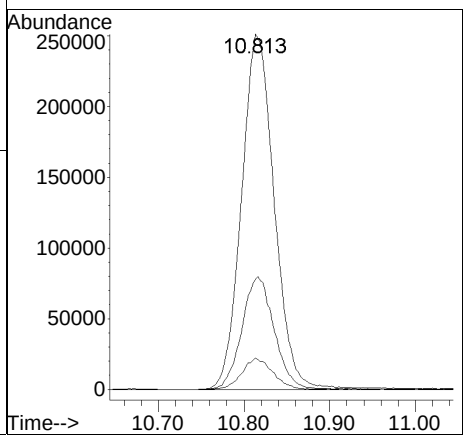


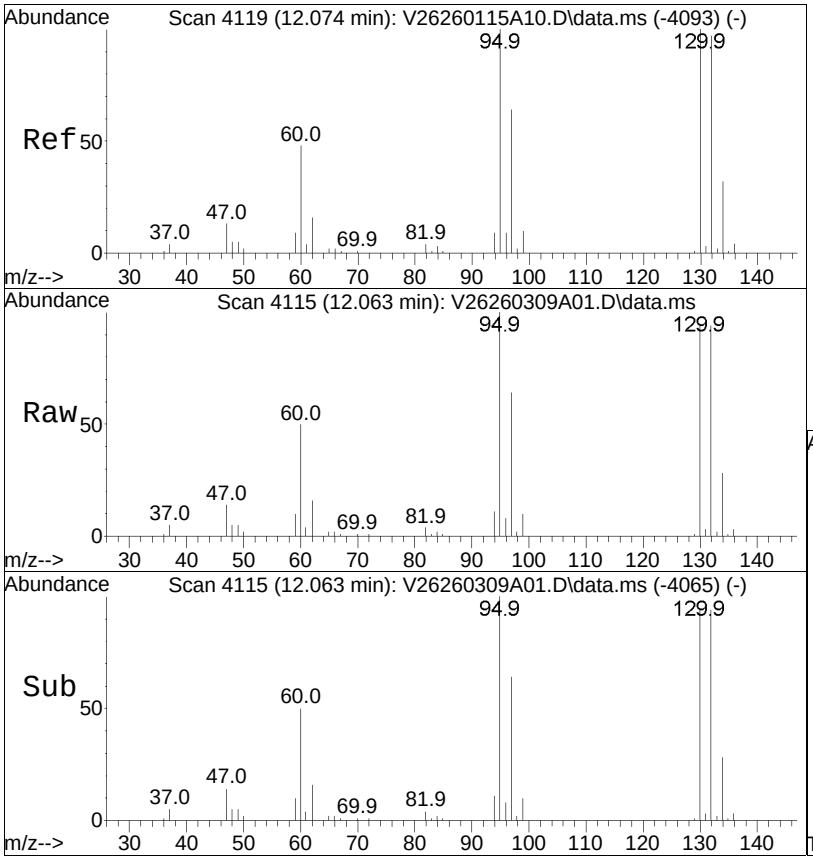


#48
1,2-Dichloroethane
Concen: 36.92 ug/L
RT: 10.813 min Scan# 3667
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 62 Resp: 667089

Ion	Ratio	Lower	Upper
62	100		
64	31.3	12.0	52.0
98	8.3	0.0	29.3

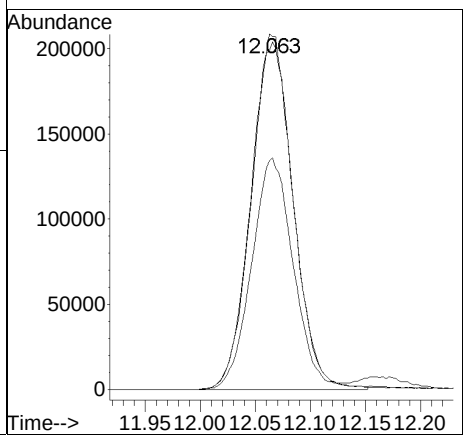


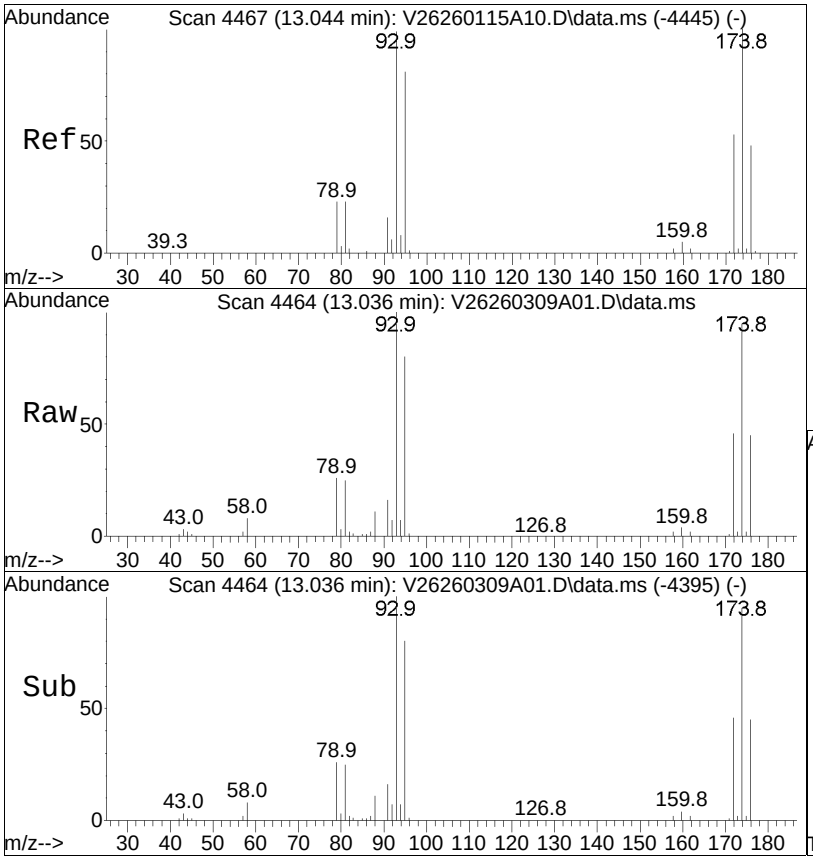


#52
Trichloroethene
Concen: 36.79 ug/L
RT: 12.063 min Scan# 4115
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 95 Resp: 554344

Ion	Ratio	Lower	Upper
95	100		
97	64.7	51.3	76.9
130	98.4	84.5	126.7

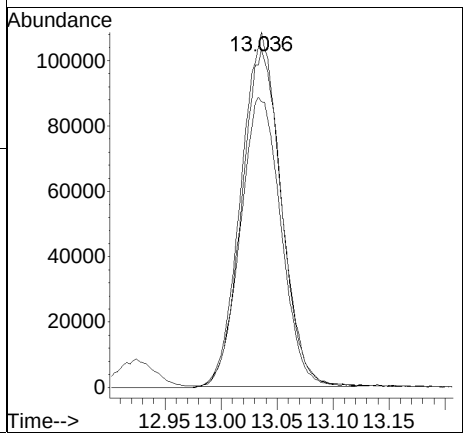


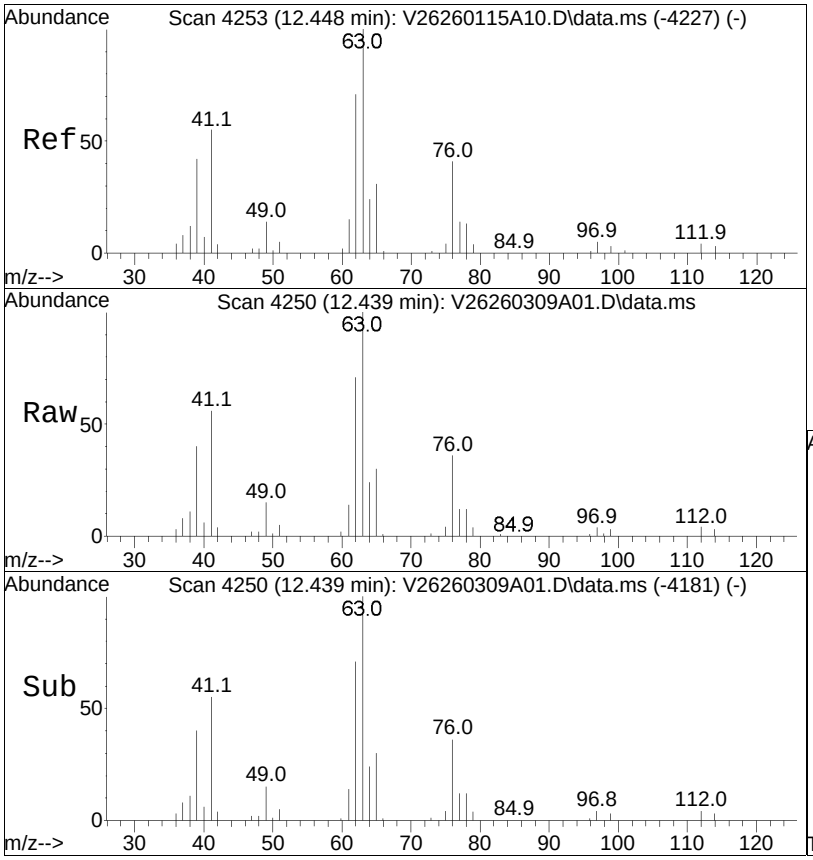


#54
Dibromomethane
Concen: 34.57 ug/L
RT: 13.036 min Scan# 4464
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 93 Resp: 268439

Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.8	100.2
174	95.7	79.5	119.3

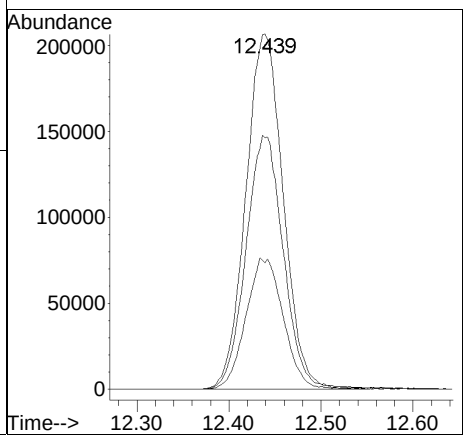


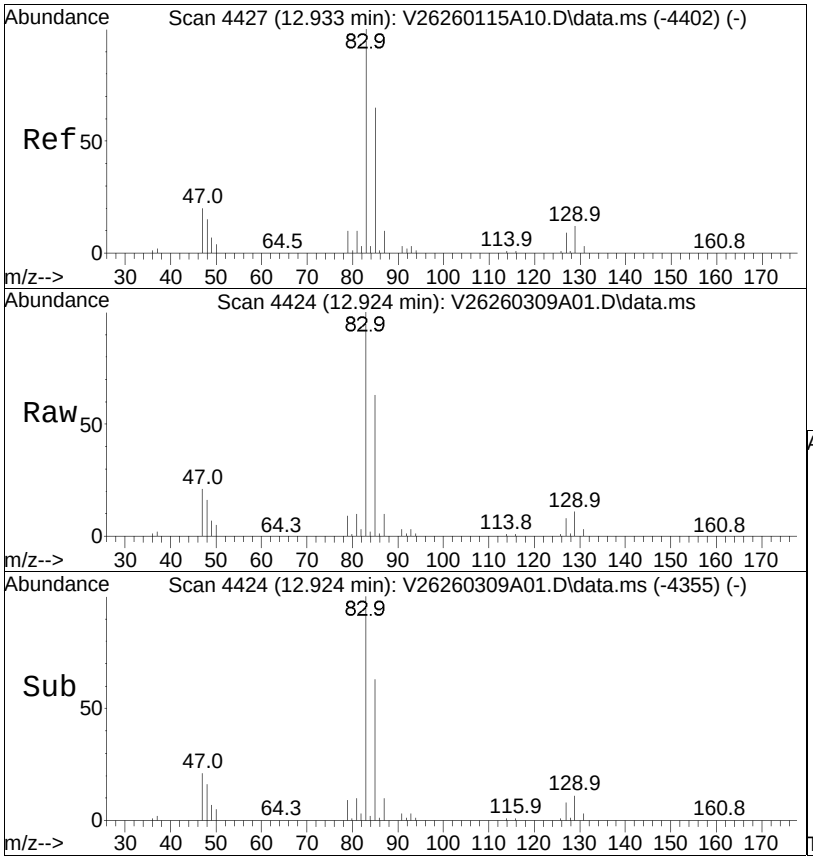


#55
1,2-Dichloropropane
Concen: 39.95 ug/L
RT: 12.439 min Scan# 4250
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 63 Resp: 586165

Ion	Ratio	Lower	Upper
63	100		
62	70.9	57.3	85.9
76	36.9	31.9	47.9

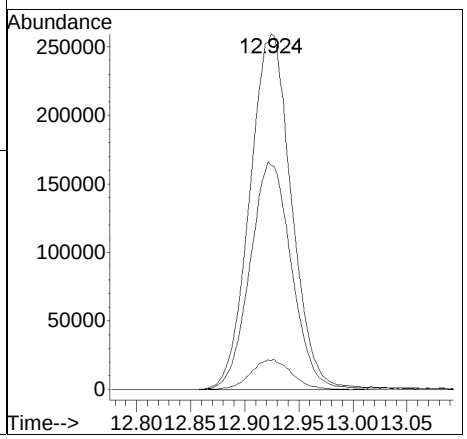


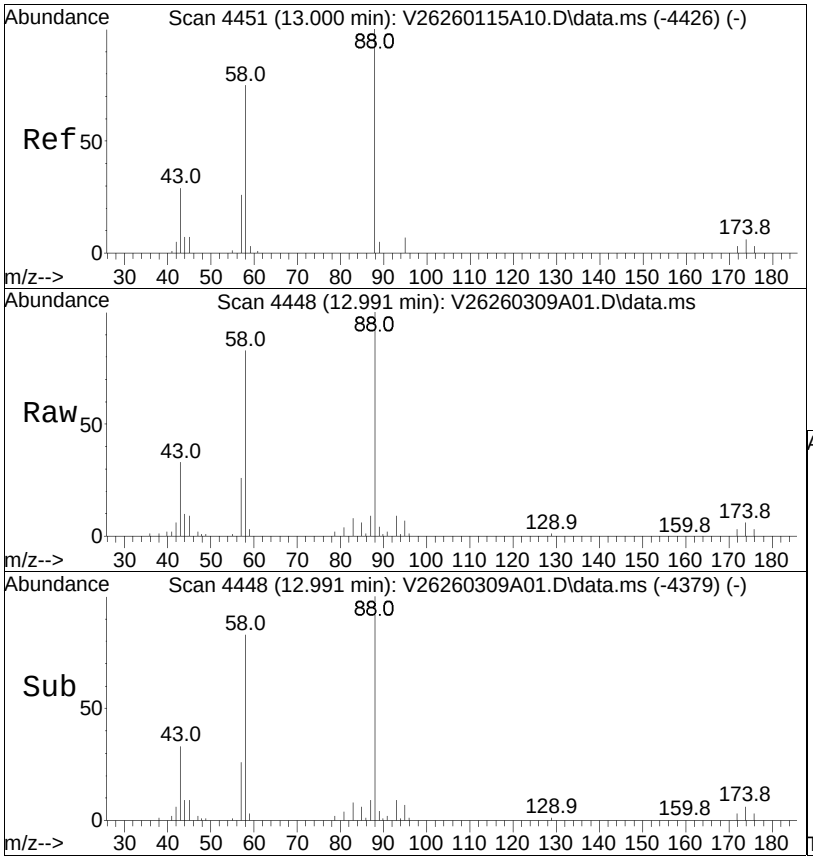


#58
Bromodichloromethane
Concen: 35.48 ug/L
RT: 12.924 min Scan# 4424
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 83 Resp: 694942

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.4	77.0
127	8.2	7.1	10.7

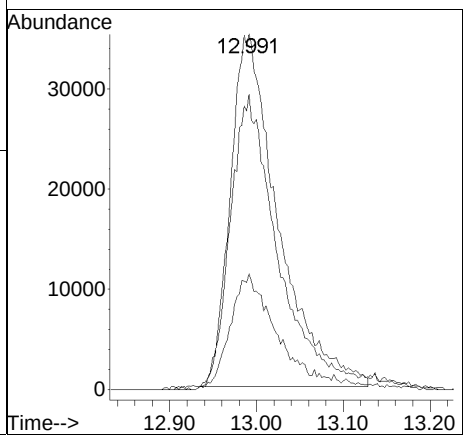


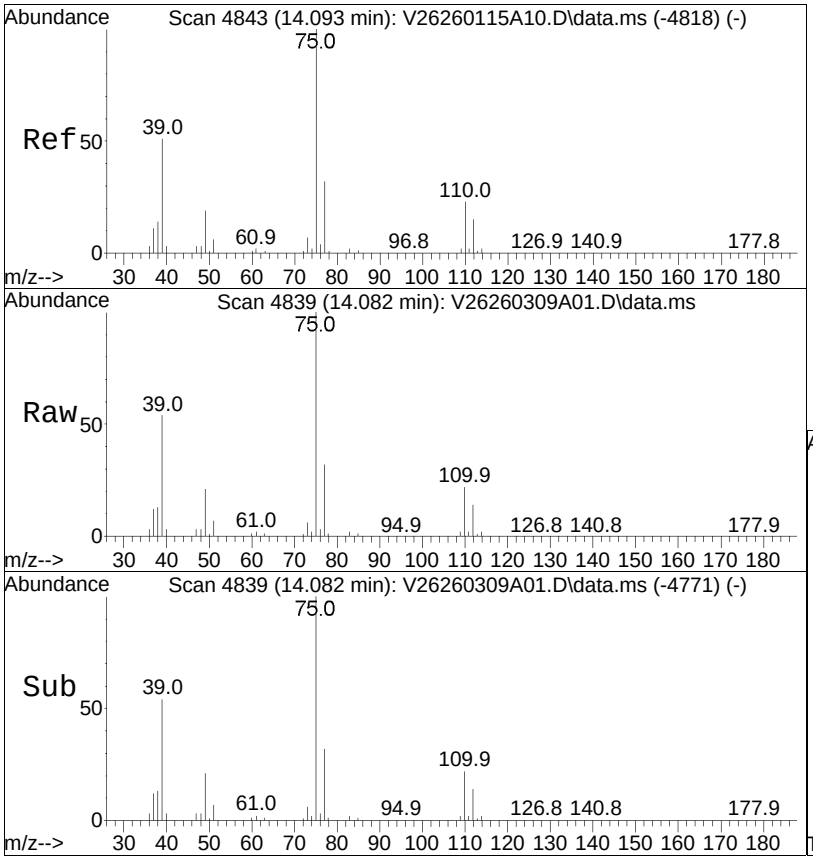


#61
1,4-Dioxane
Concen: 1717.34 ug/L
RT: 12.991 min Scan# 4448
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 88 Resp: 135453

Ion	Ratio	Lower	Upper
88	100		
58	83.0	57.0	85.4
43	30.3	20.4	30.6

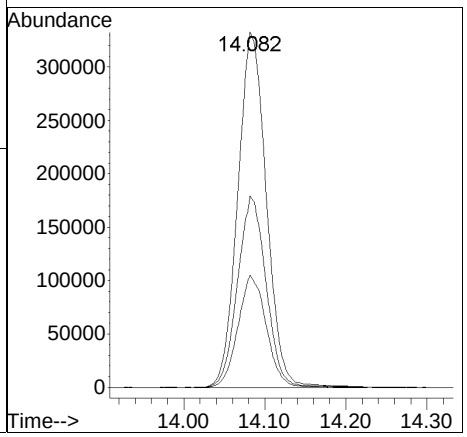


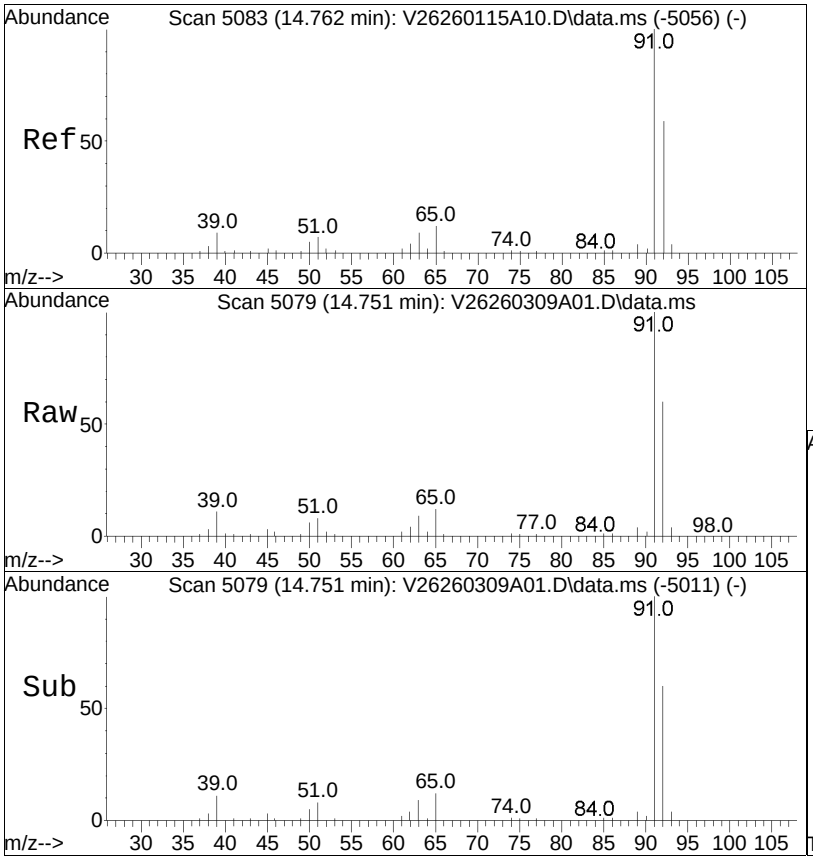


#62
cis-1,3-Dichloropropene
Concen: 37.19 ug/L
RT: 14.082 min Scan# 4839
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 75 Resp: 814691

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.5	38.3
39	53.6	43.7	65.5

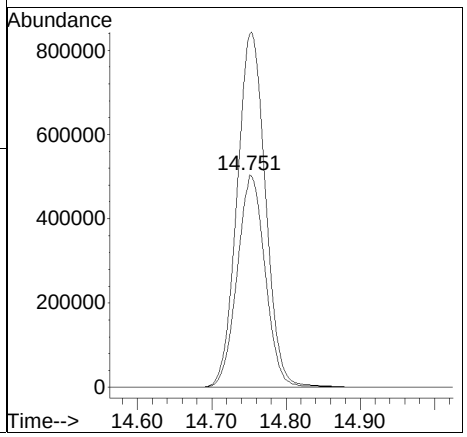


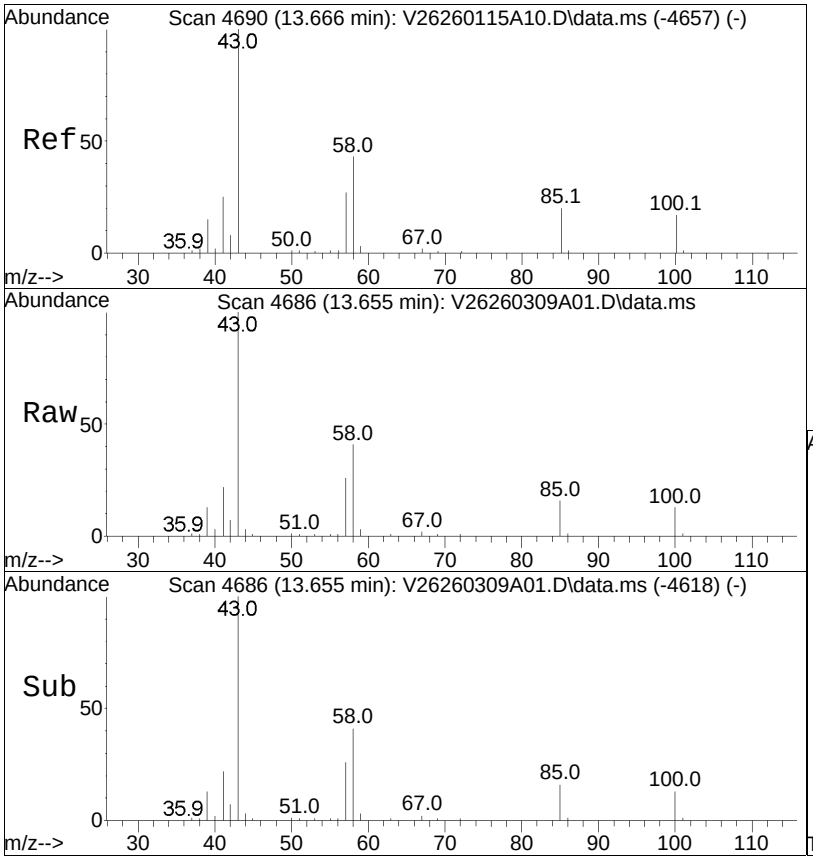


#66
Toluene
Concen: 38.51 ug/L
RT: 14.751 min Scan# 5079
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 92 Resp: 1322645

Ion	Ratio	Lower	Upper
92	100		
91	169.4	132.2	198.2

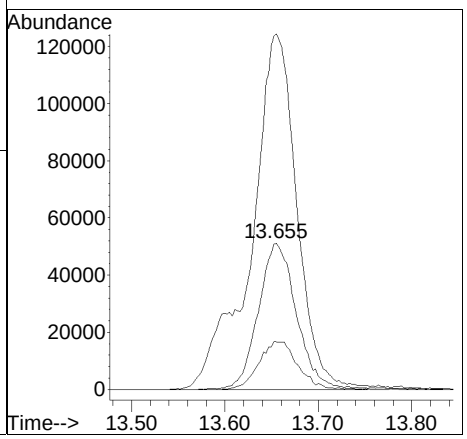


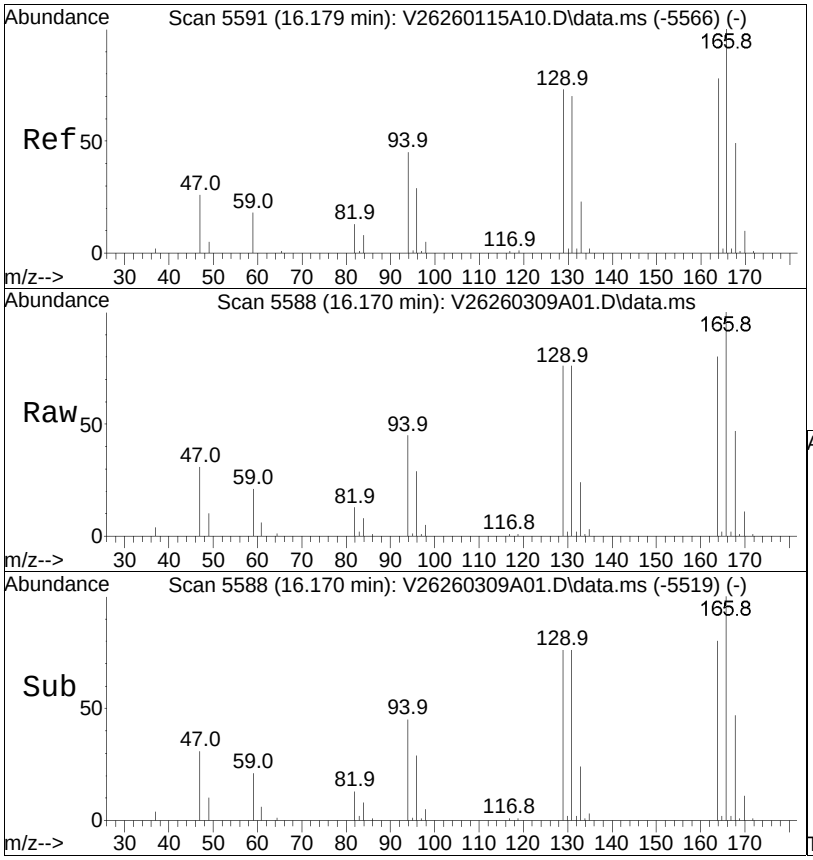


#67
4-Methyl-2-pentanone
Concen: 41.06 ug/L
RT: 13.655 min Scan# 4686
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 58 Resp: 145360

Ion	Ratio	Lower	Upper
58	100		
100	33.2	29.7	44.5
43	245.9	202.8	304.2

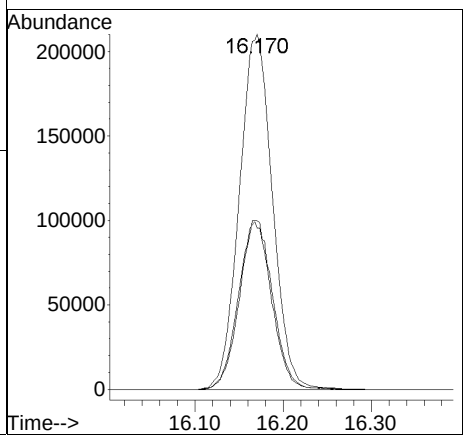


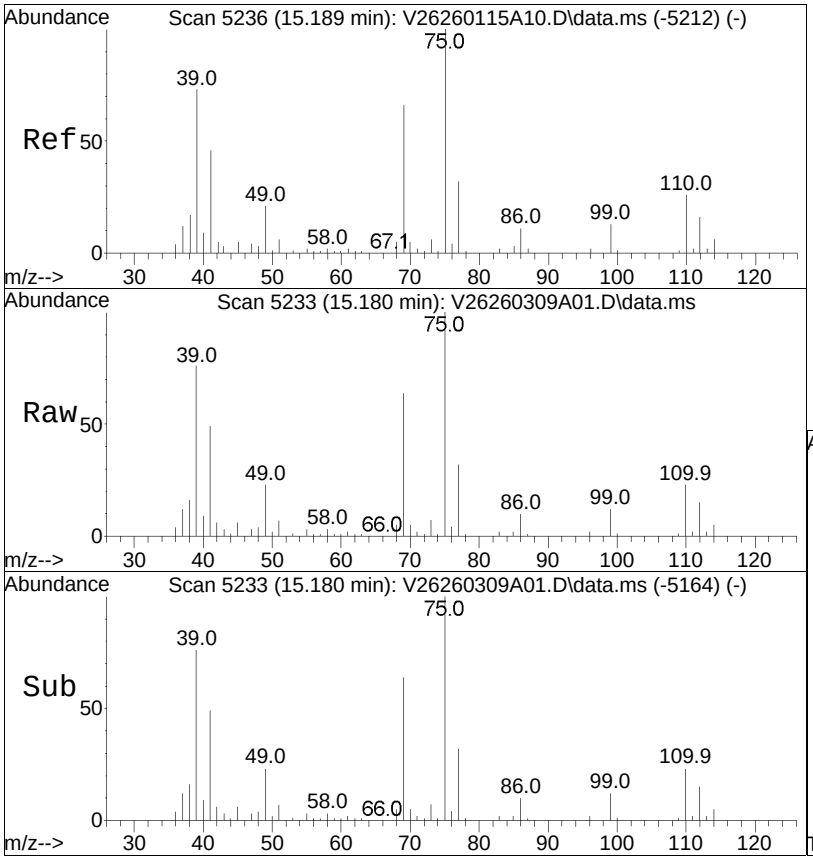


#68
Tetrachloroethene
Concen: 36.65 ug/L
RT: 16.170 min Scan# 5588
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:166 Resp: 549965

Ion	Ratio	Lower	Upper
166	100		
168	47.9	27.8	67.8
94	47.4	24.4	64.4

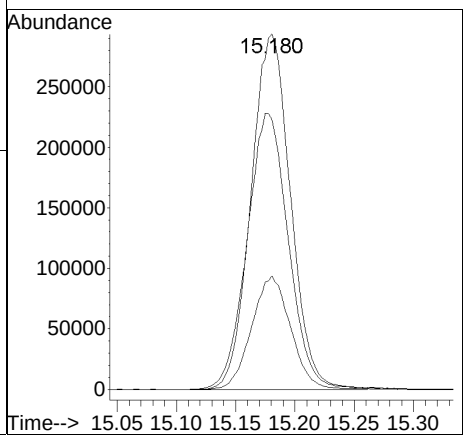


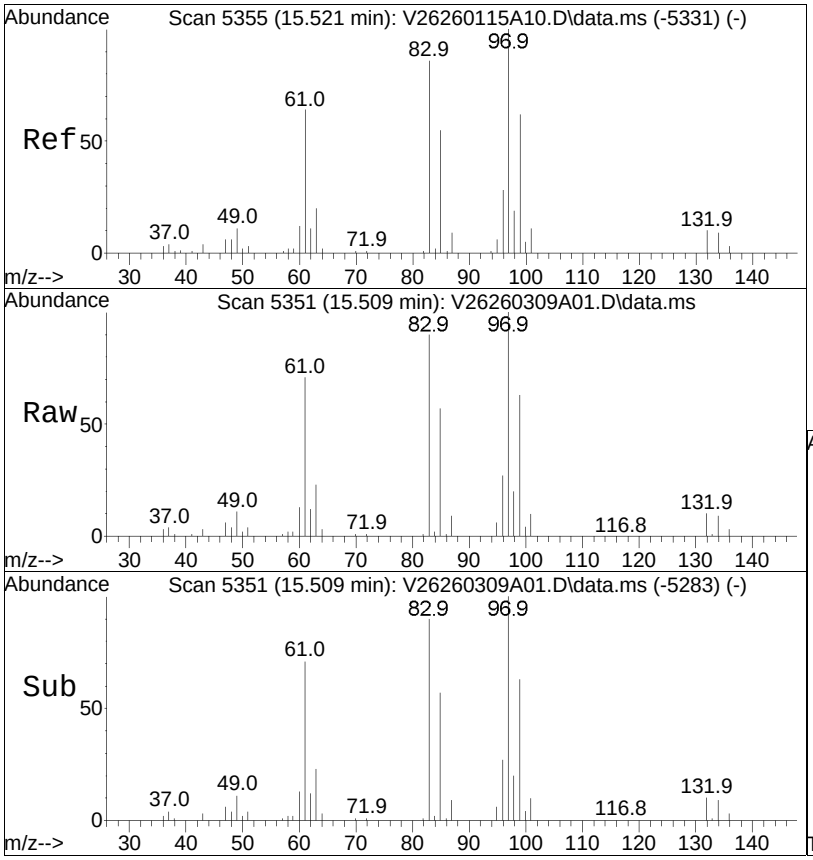


#71
trans-1,3-Dichloropropene
Concen: 38.93 ug/L
RT: 15.180 min Scan# 5233
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 75 Resp: 680907

Ion	Ratio	Lower	Upper
75	100		
77	31.5	11.8	51.8
39	81.3	66.6	106.6

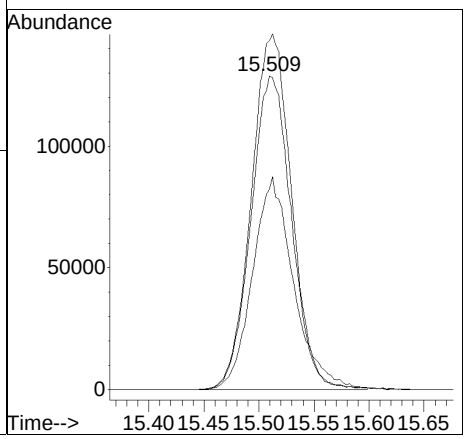


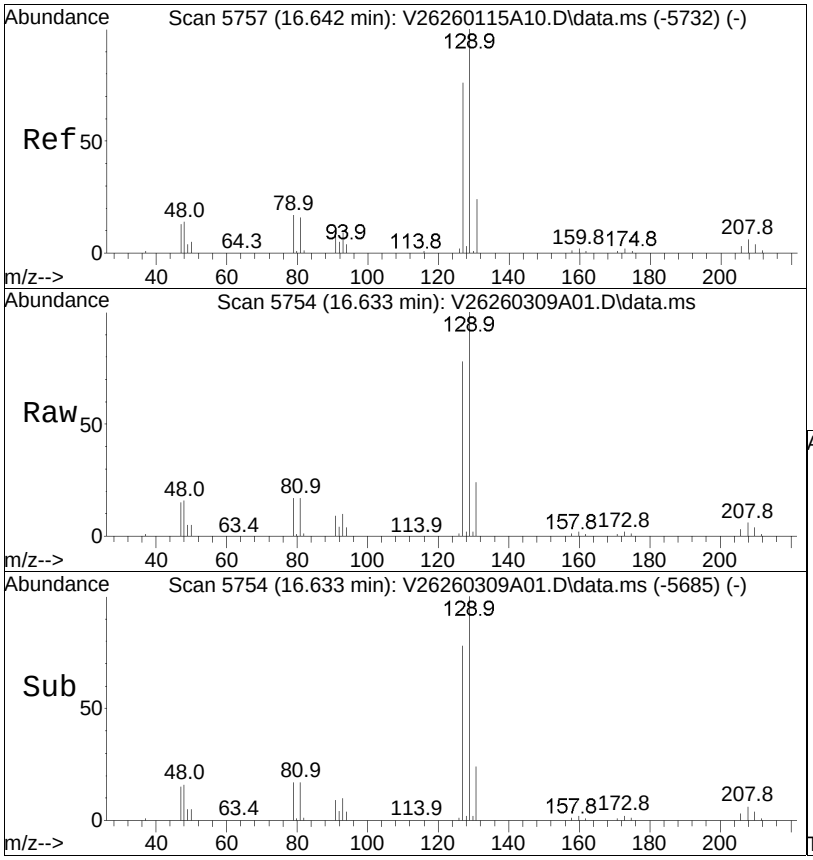


#75
1,1,2-Trichloroethane
Concen: 38.84 ug/L
RT: 15.509 min Scan# 5351
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 83 Resp: 329975

Ion	Ratio	Lower	Upper
83	100		
97	112.5	97.2	137.2
85	68.8	52.0	92.0

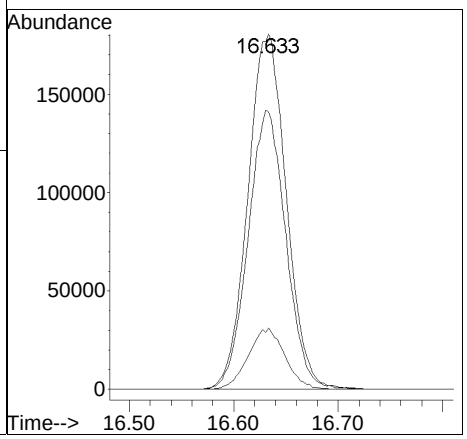


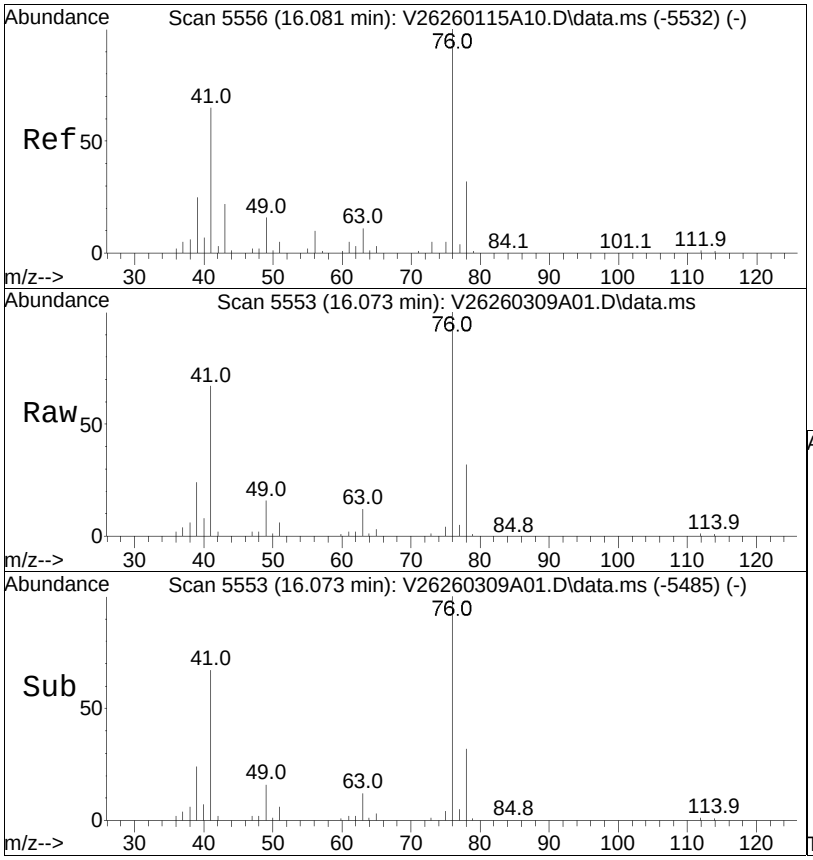


#76
Chlorodibromomethane
Concen: 35.88 ug/L
RT: 16.633 min Scan# 5754
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:129 Resp: 462330

Ion	Ratio	Lower	Upper
129	100		
81	16.5	0.0	35.0
127	77.2	57.6	97.6

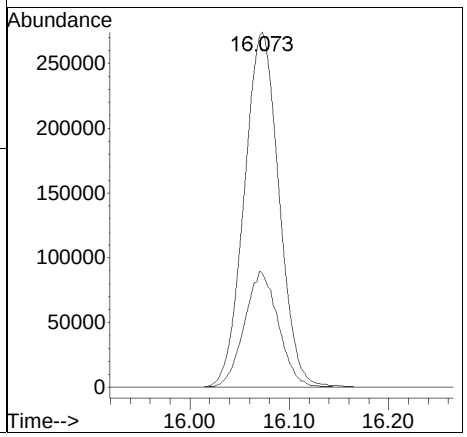


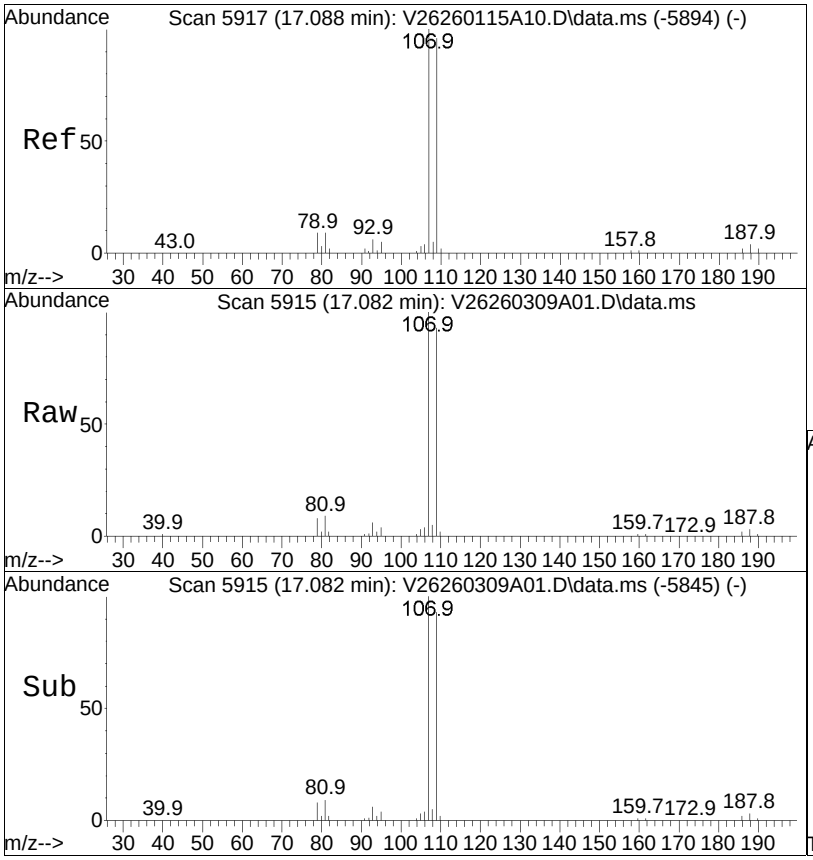


#77
1,3-Dichloropropane
Concen: 38.87 ug/L
RT: 16.073 min Scan# 5553
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 76 Resp: 668382

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.9	38.9

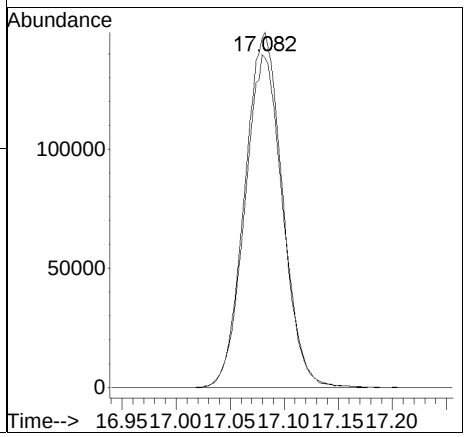


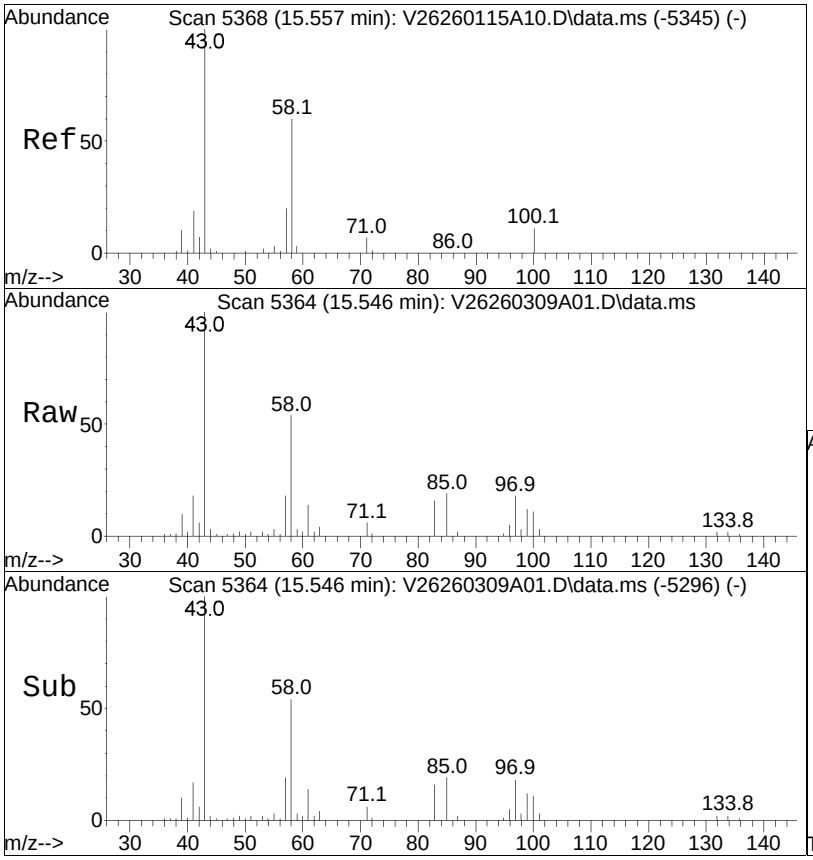


#78
1,2-Dibromoethane
Concen: 37.67 ug/L
RT: 17.082 min Scan# 5915
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:107 Resp: 362855

Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.5	113.3

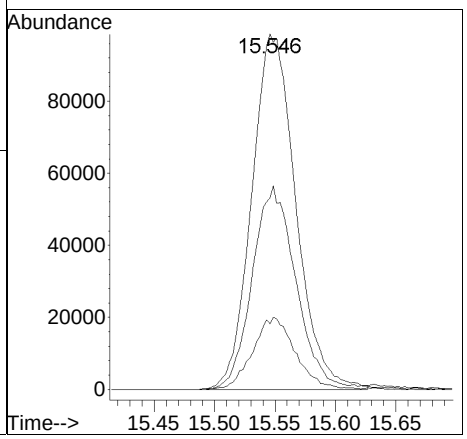


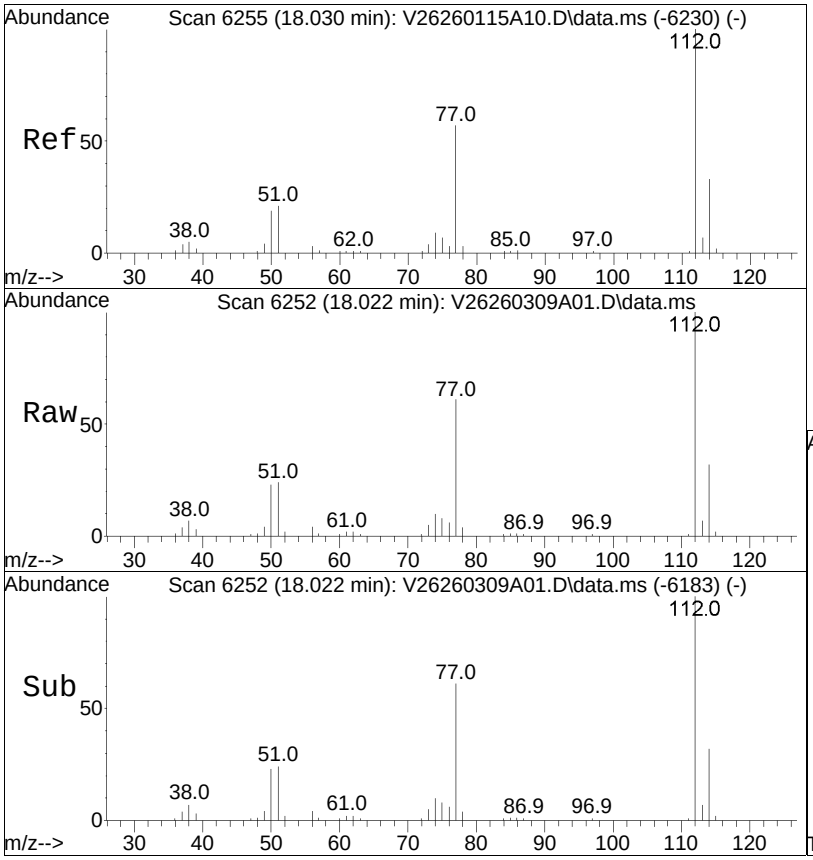


#80
2-Hexanone
Concen: 42.39 ug/L
RT: 15.546 min Scan# 5364
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 43 Resp: 250336

Ion	Ratio	Lower	Upper
43	100		
58	56.8	43.2	64.8
57	19.6	14.8	22.2

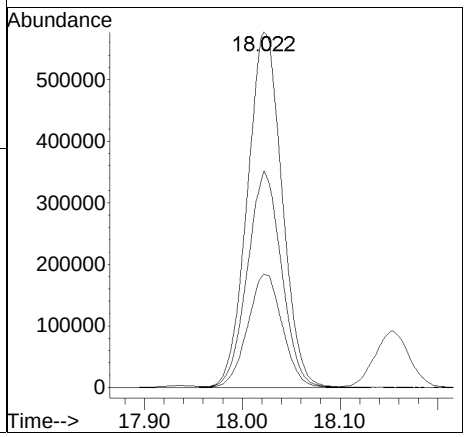


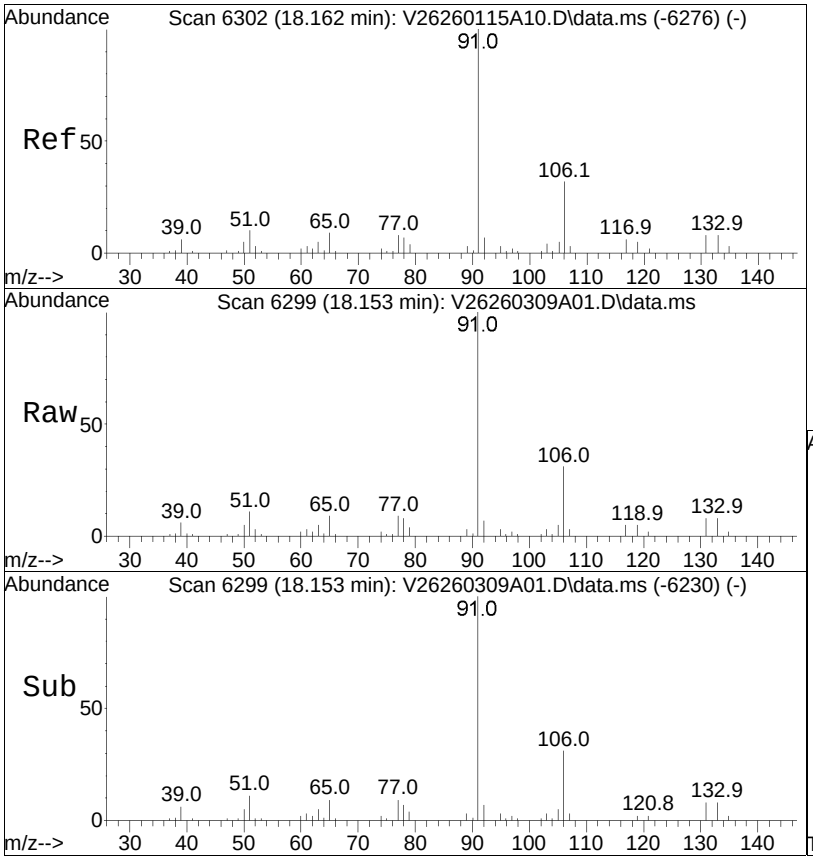


#82
Chlorobenzene
Concen: 37.77 ug/L
RT: 18.022 min Scan# 6252
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:112 Resp: 1424450

Ion	Ratio	Lower	Upper
112	100		
77	59.3	46.1	69.1
114	31.8	26.3	39.5

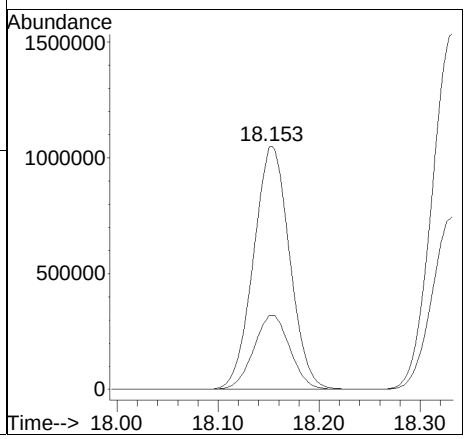


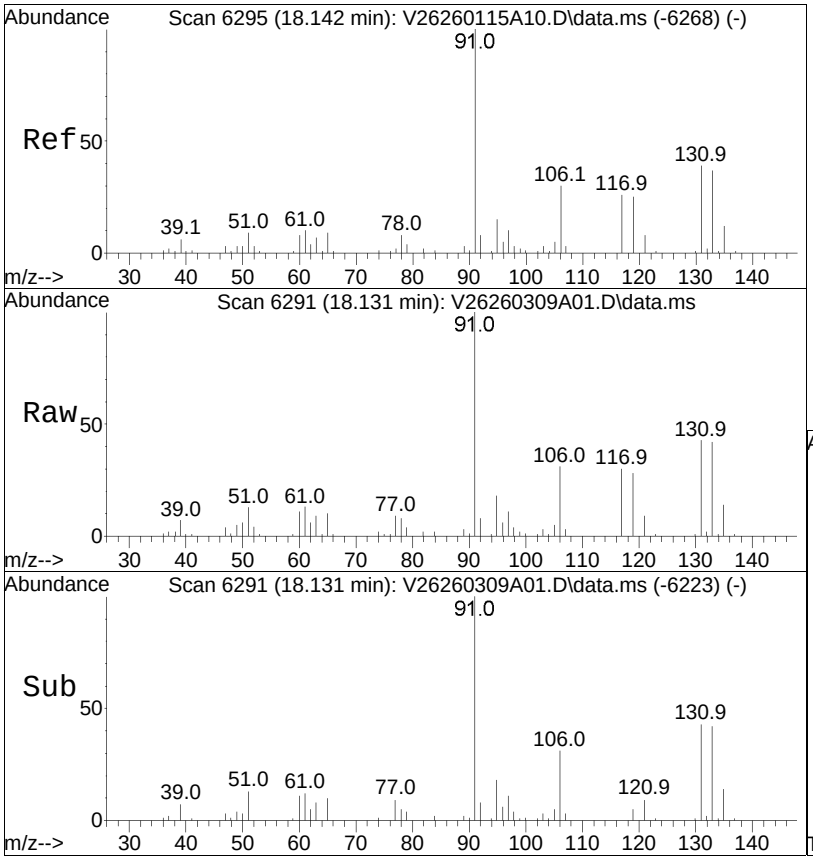


#83
Ethylbenzene
Concen: 39.89 ug/L
RT: 18.153 min Scan# 6299
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 91 Resp: 2612341

Ion	Ratio	Lower	Upper
91	100		
106	30.6	26.6	39.8

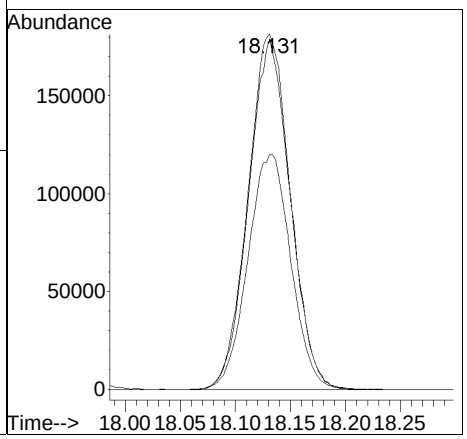


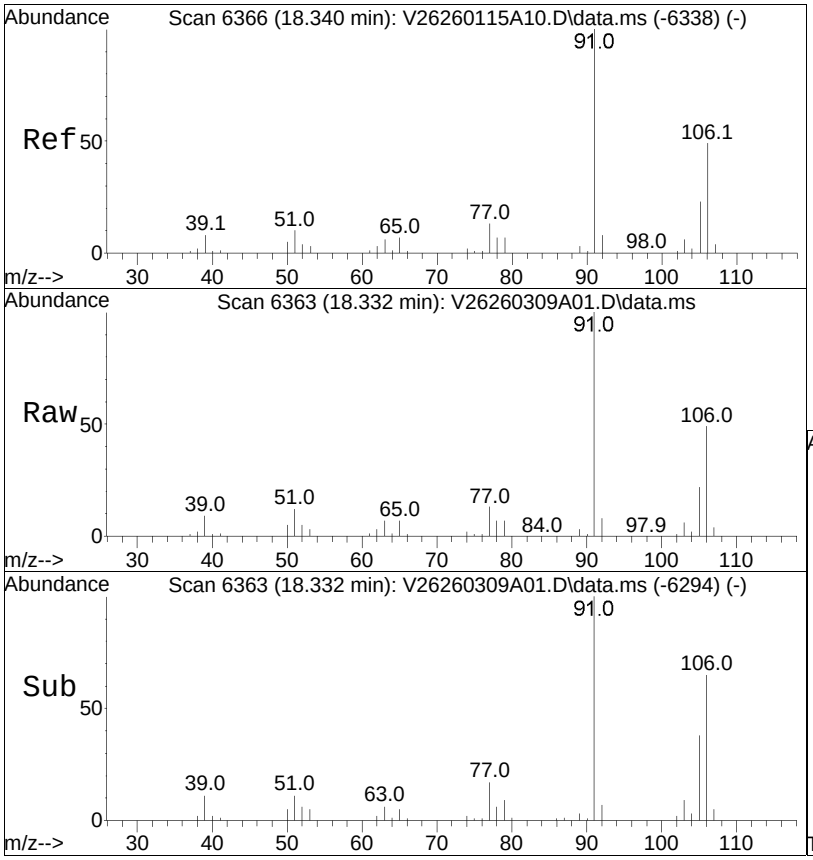


#84
1,1,1,2-Tetrachloroethane
Concen: 36.63 ug/L
RT: 18.131 min Scan# 6291
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:131 Resp: 486877

Ion	Ratio	Lower	Upper
131	100		
133	96.5	75.1	115.1
119	67.2	46.3	86.3

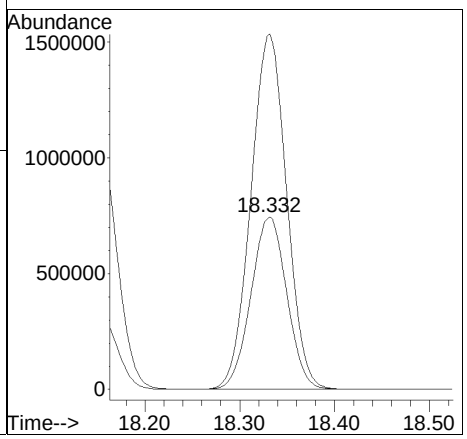


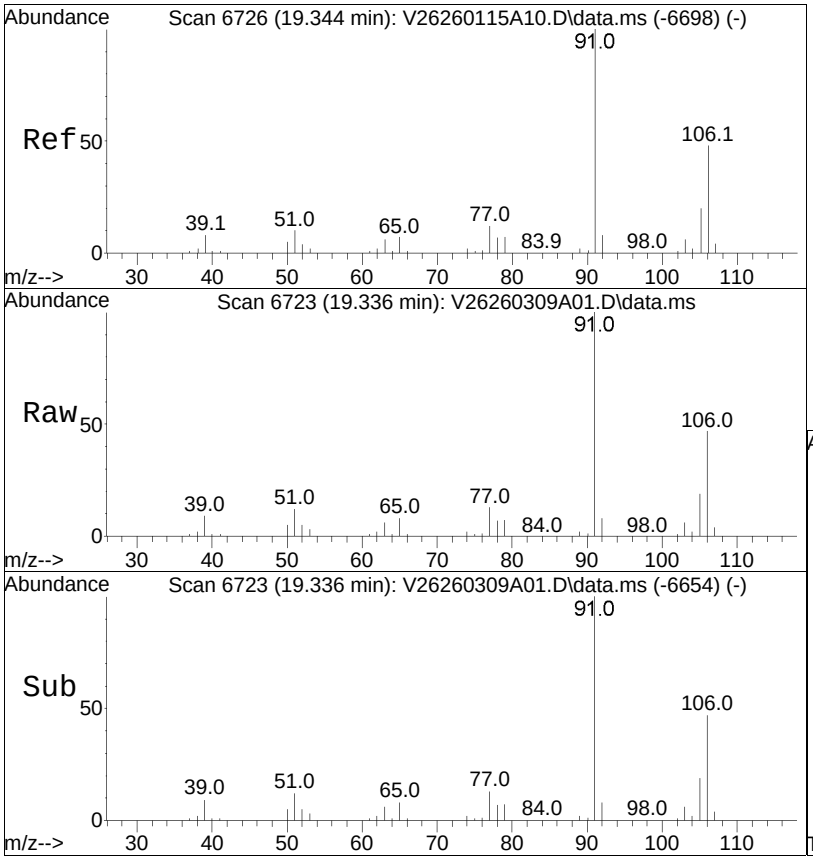


#85
p/m Xylene
Concen: 77.72 ug/L
RT: 18.332 min Scan# 6363
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:106 Resp: 1958523

Ion	Ratio	Lower	Upper
106	100		
91	205.0	147.9	221.9

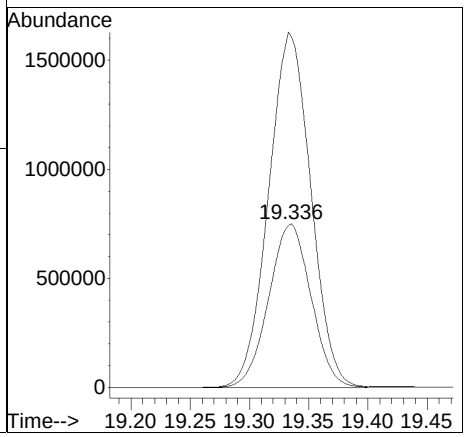


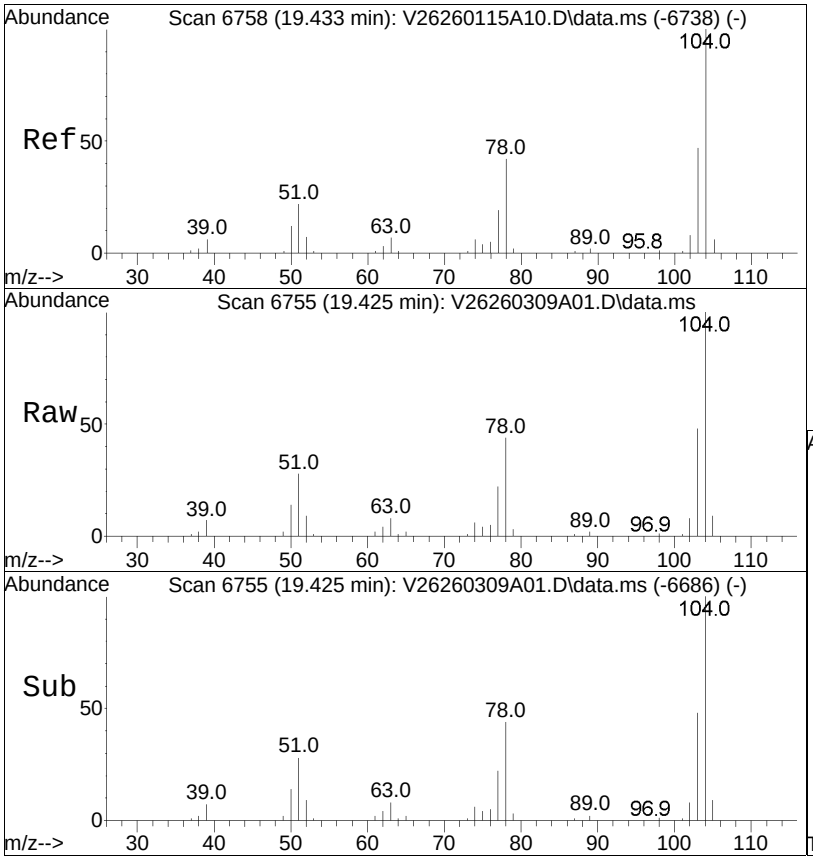


#86
o Xylene
Concen: 76.98 ug/L
RT: 19.336 min Scan# 6723
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:106 Resp: 1860841

Ion	Ratio	Lower	Upper
106	100		
91	216.8	155.0	232.6

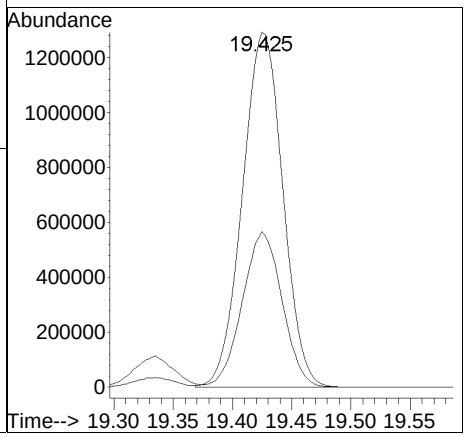


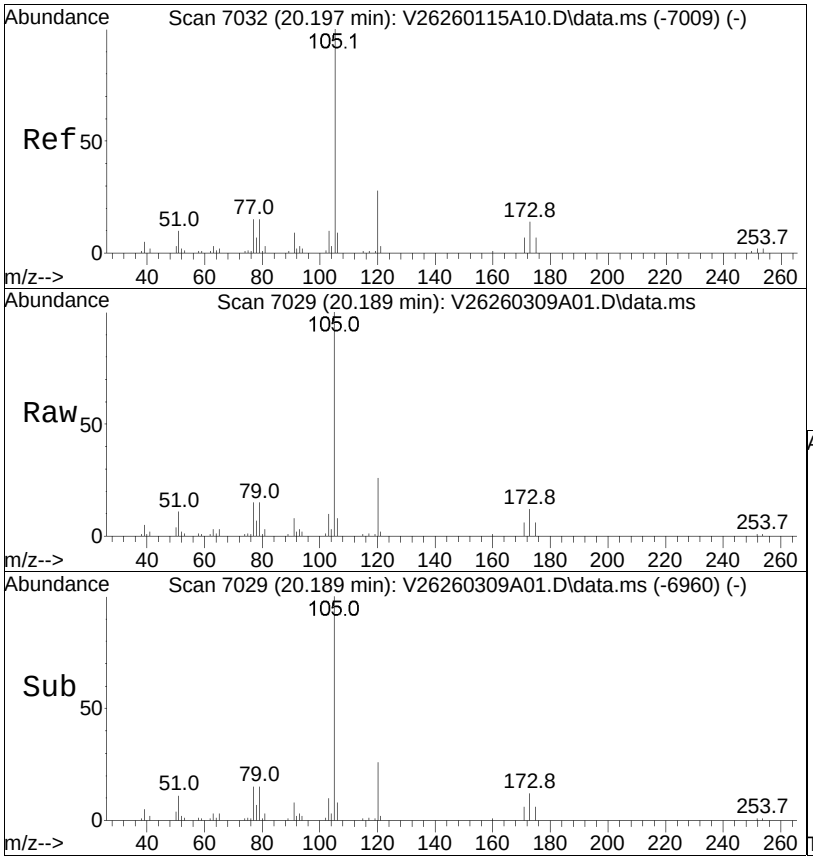


#87
Styrene
Concen: 76.79 ug/L
RT: 19.425 min Scan# 6755
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:104 Resp: 3068555

Ion	Ratio	Lower	Upper
104	100		
78	43.1	36.0	54.0

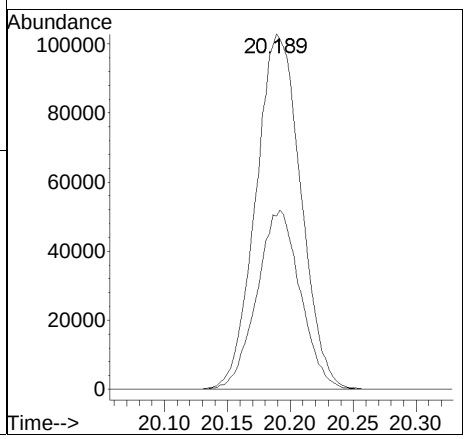


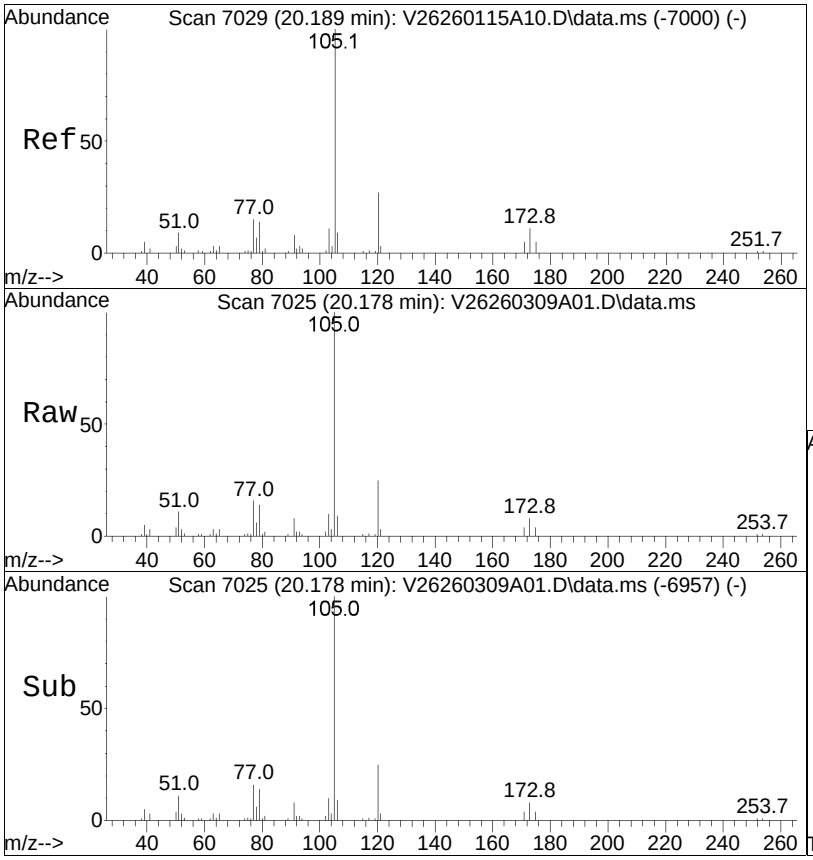


#89
Bromoform
Concen: 34.75 ug/L
RT: 20.189 min Scan# 7029
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:173 Resp: 256331

Ion	Ratio	Lower	Upper
173	100		
175	48.7	28.7	68.7

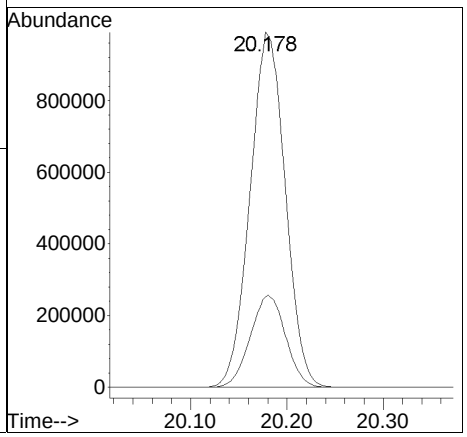


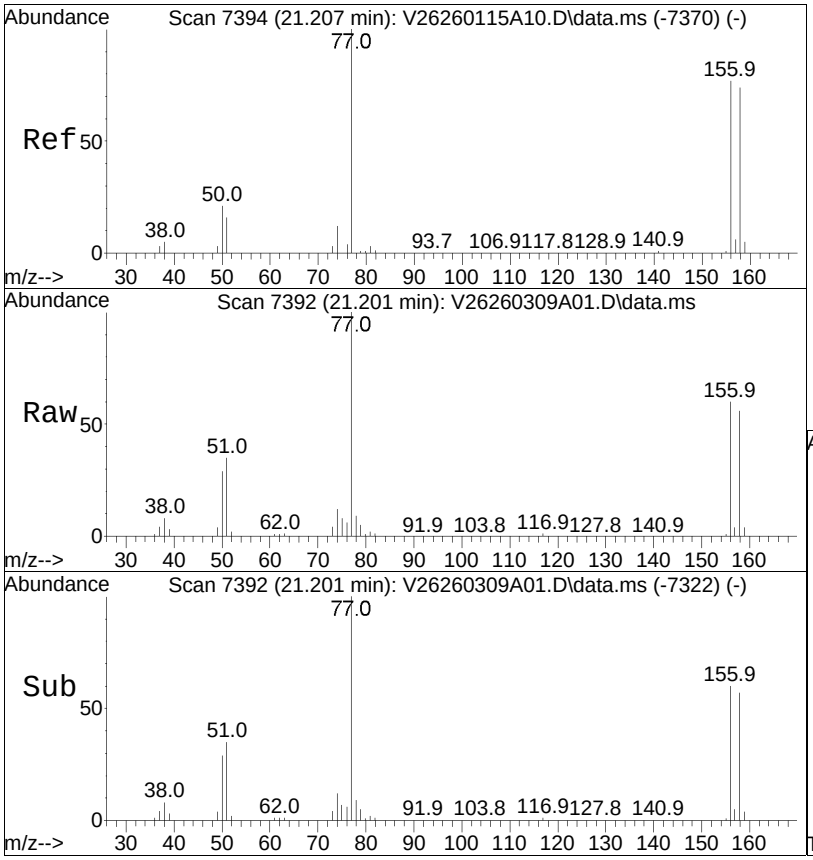


#91
Isopropylbenzene
Concen: 41.18 ug/L
RT: 20.178 min Scan# 7025
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:105 Resp: 2517817

Ion	Ratio	Lower	Upper
105	100		
120	26.0	8.4	48.4

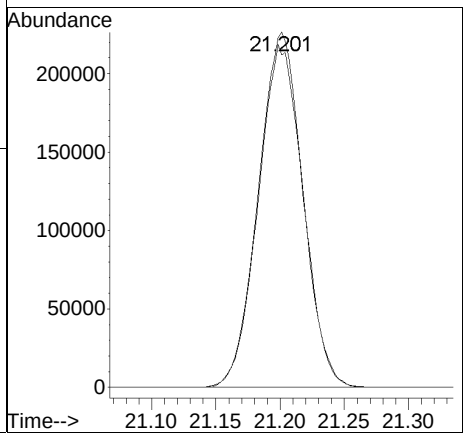


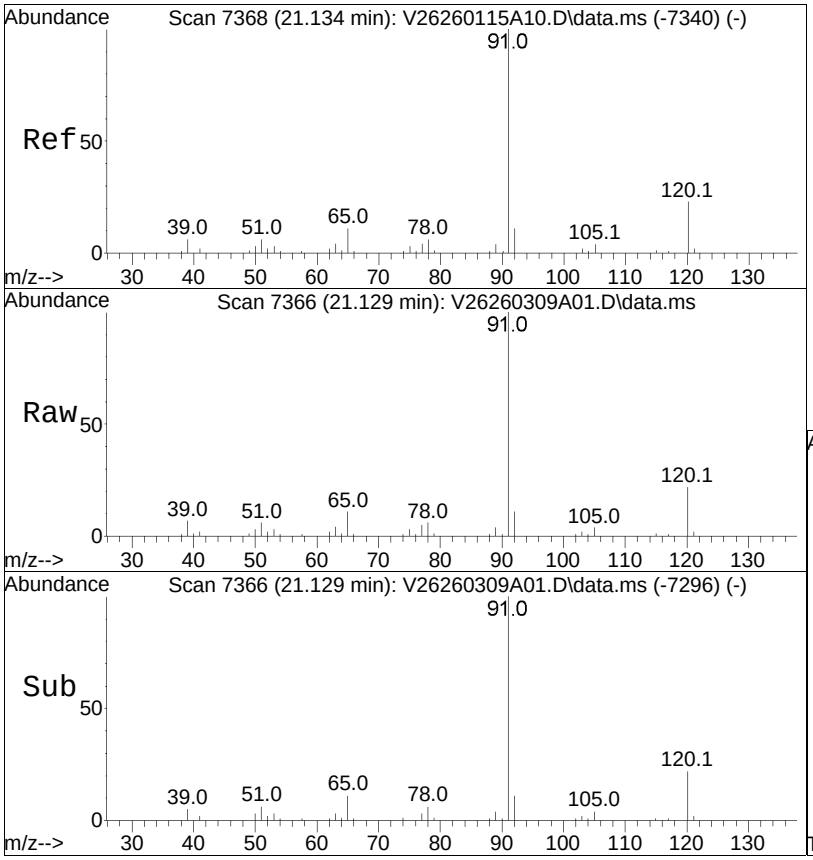


#93
Bromobenzene
Concen: 37.04 ug/L
RT: 21.201 min Scan# 7392
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:156 Resp: 546552

Ion	Ratio	Lower	Upper
156	100		
158	96.7	77.4	116.2

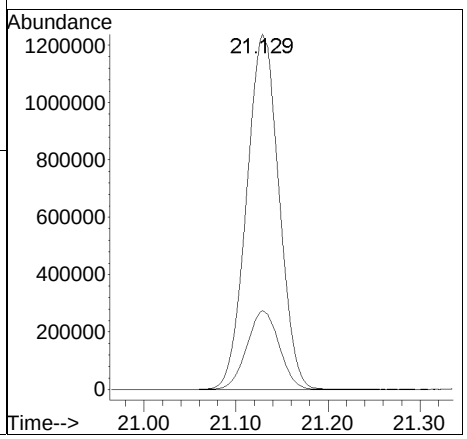


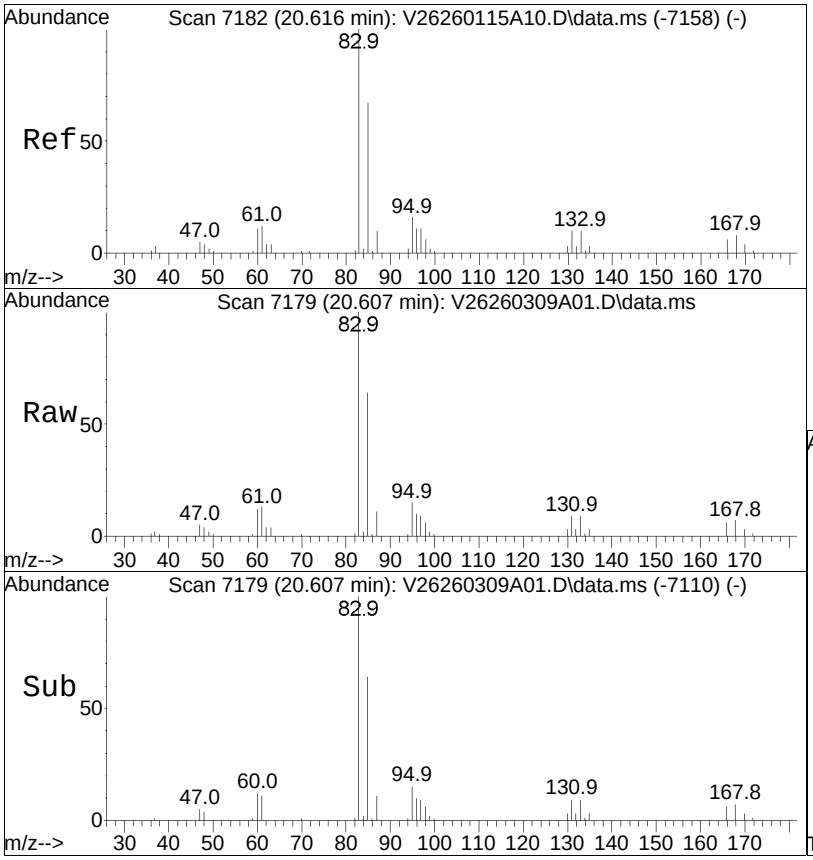


#95
n-Propylbenzene
Concen: 42.49 ug/L
RT: 21.129 min Scan# 7366
Delta R.T. -0.005 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 91 Resp: 3028923

Ion	Ratio	Lower	Upper
91	100		
120	22.0	19.9	29.9

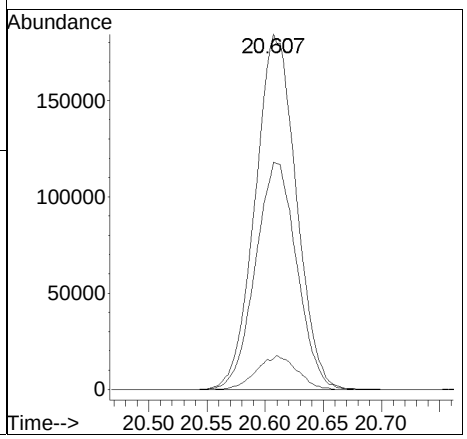


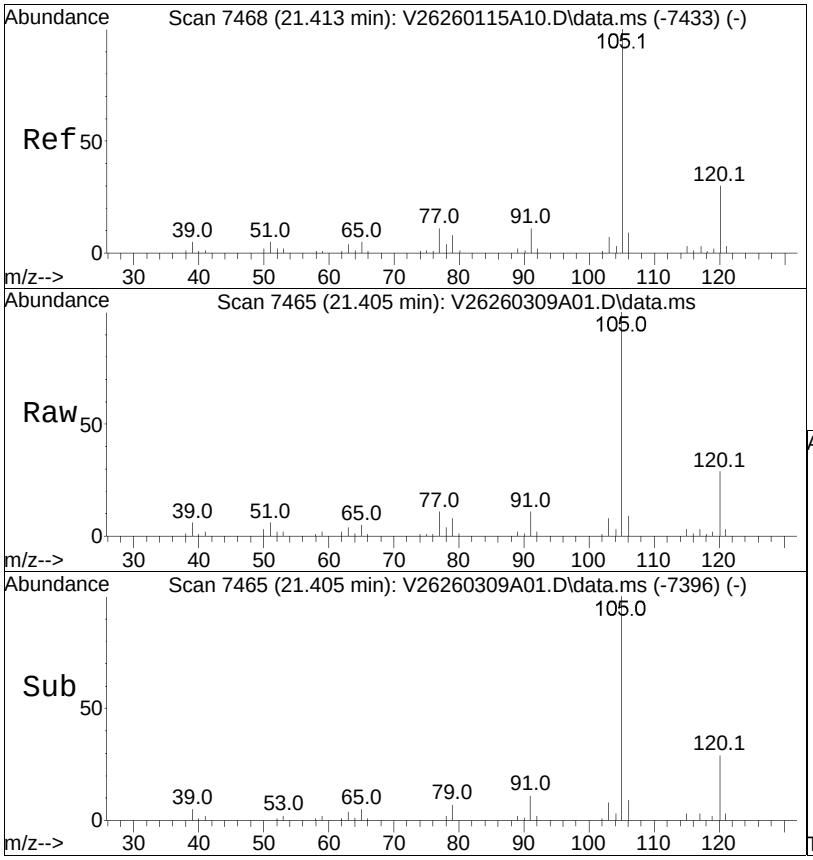


#97
1,1,2,2-Tetrachloroethane
Concen: 40.15 ug/L
RT: 20.607 min Scan# 7179
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 83 Resp: 452165

Ion	Ratio	Lower	Upper
83	100		
131	9.4	0.0	30.3
85	64.3	44.5	84.5

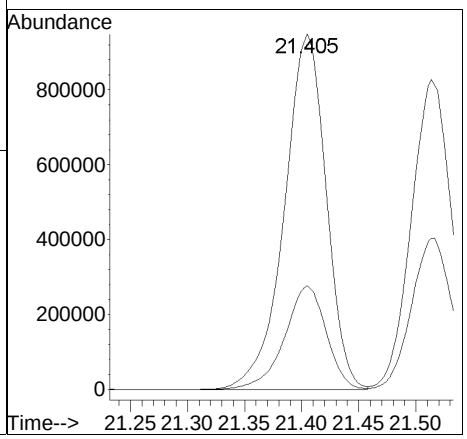


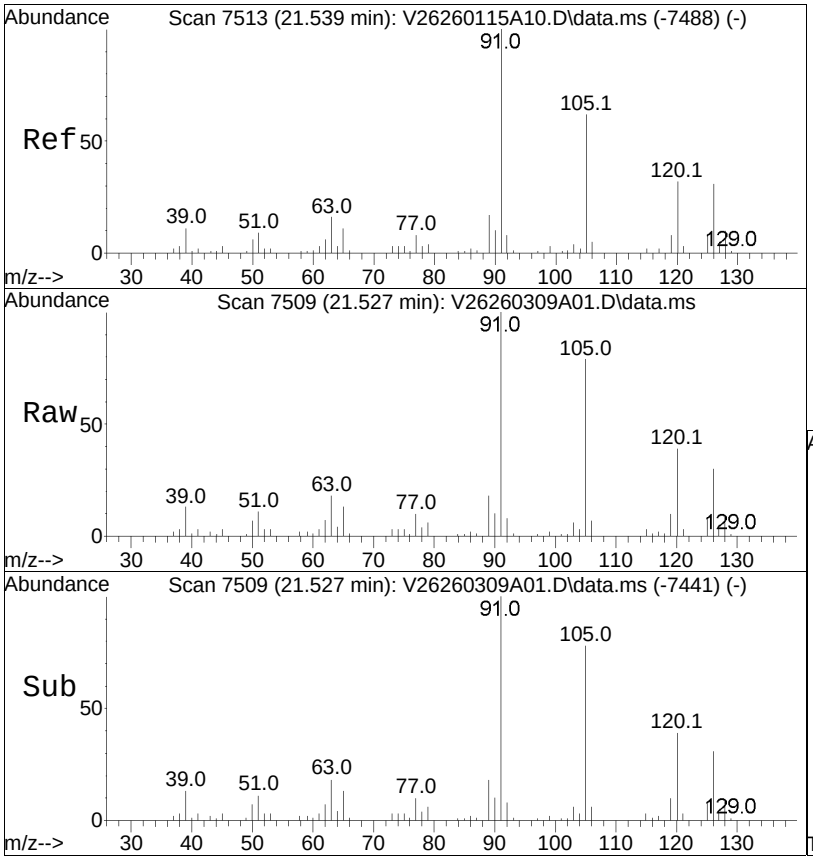


#98
4-Ethyltoluene
Concen: 41.48 ug/L
RT: 21.405 min Scan# 7465
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:105 Resp: 2414606

Ion	Ratio	Lower	Upper
105	100		
120	29.1	20.5	42.5

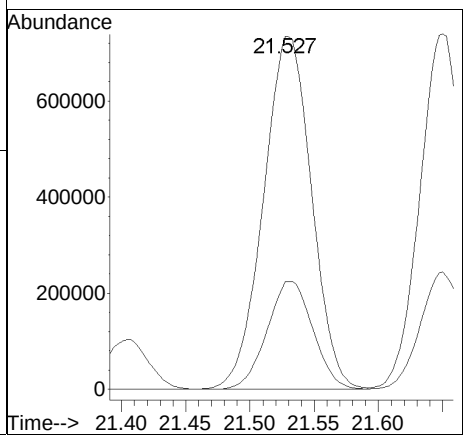


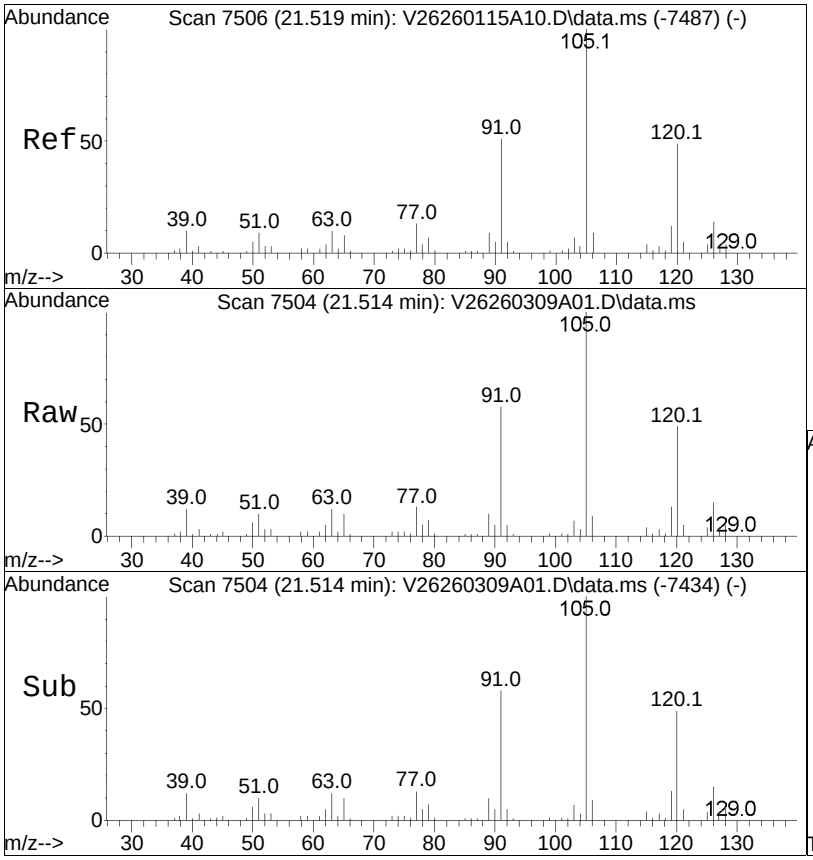


#99
2-Chlorotoluene
Concen: 40.70 ug/L
RT: 21.527 min Scan# 7509
Delta R.T. -0.011 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 91 Resp: 1909821

Ion	Ratio	Lower	Upper
91	100		
126	29.3	25.4	38.0

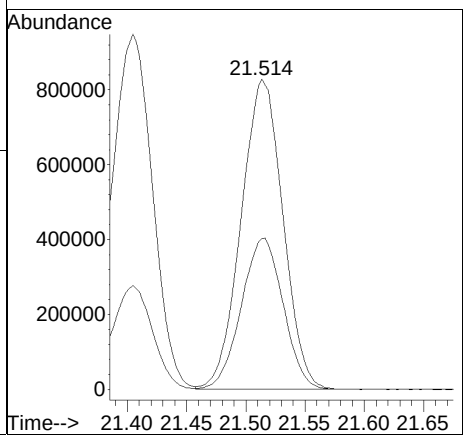


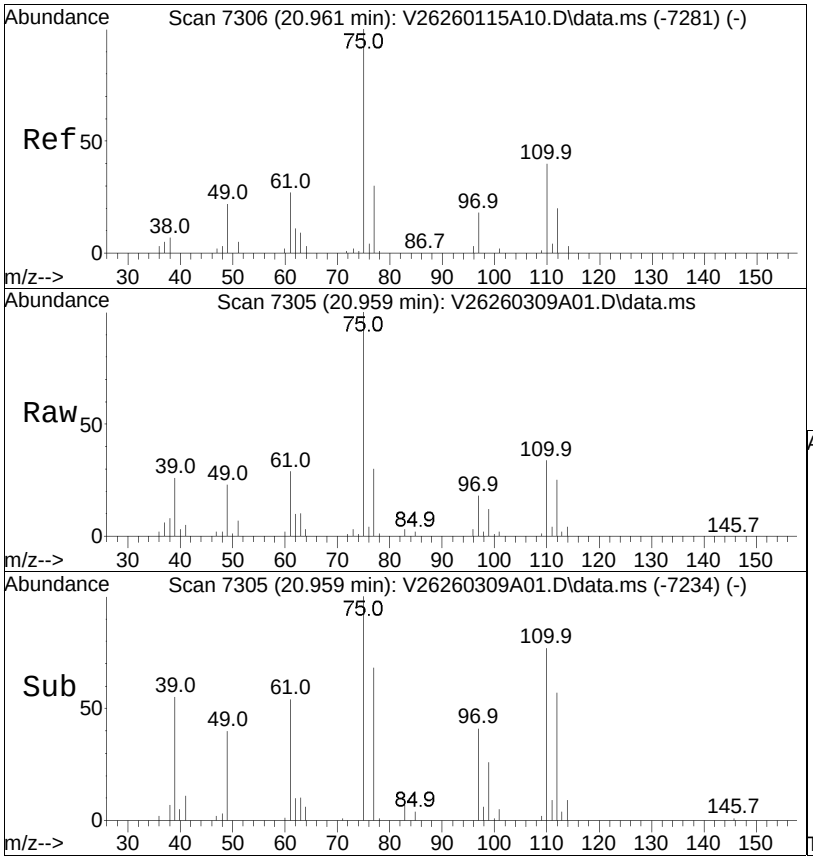


#100
1,3,5-Trimethylbenzene
Concen: 40.95 ug/L
RT: 21.514 min Scan# 7504
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:105 Resp: 2032897

Ion	Ratio	Lower	Upper
105	100		
120	48.8	41.4	62.0

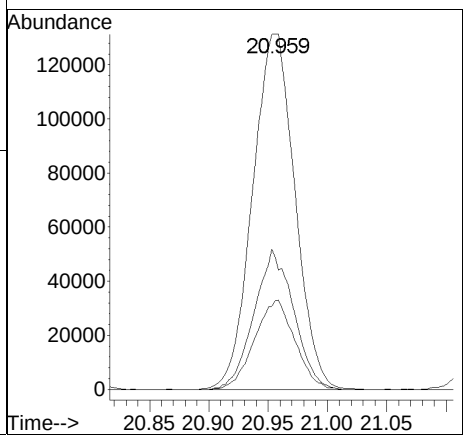


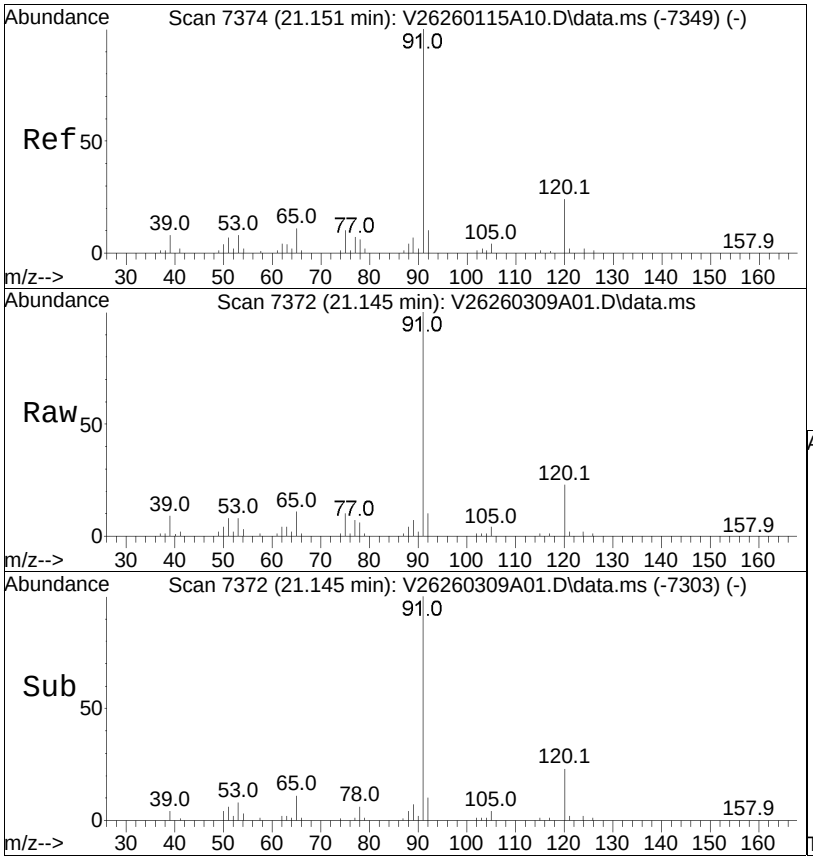


#101
1,2,3-Trichloropropane
Concen: 39.58 ug/L
RT: 20.959 min Scan# 7305
Delta R.T. -0.003 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 75 Resp: 325767

Ion	Ratio	Lower	Upper
75	100		
110	36.8	25.8	53.6
112	24.0	16.4	34.0

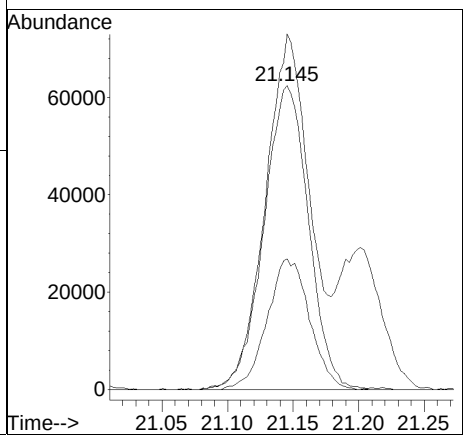


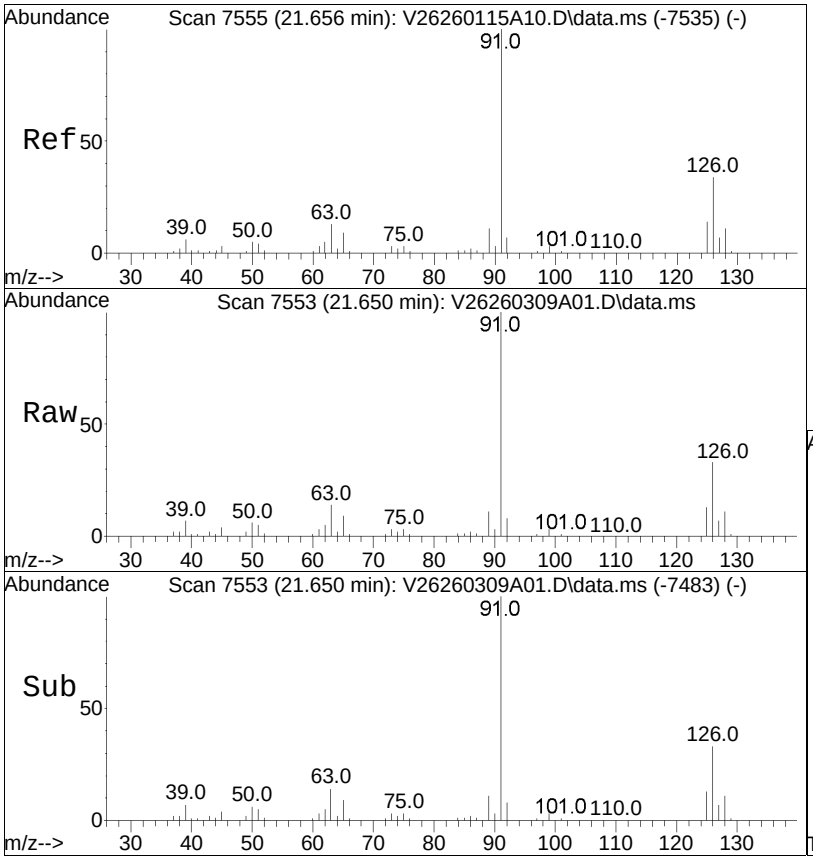


#102
trans-1,4-Dichloro-2-butene
Concen: 42.21 ug/L
RT: 21.145 min Scan# 7372
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 53 Resp: 148212

Ion	Ratio	Lower	Upper
53	100		
88	40.7	37.4	56.0
75	116.1	103.8	155.6

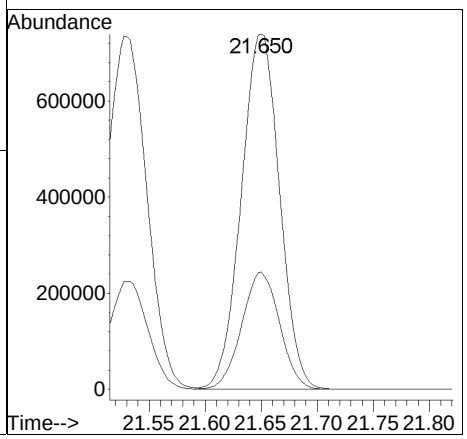


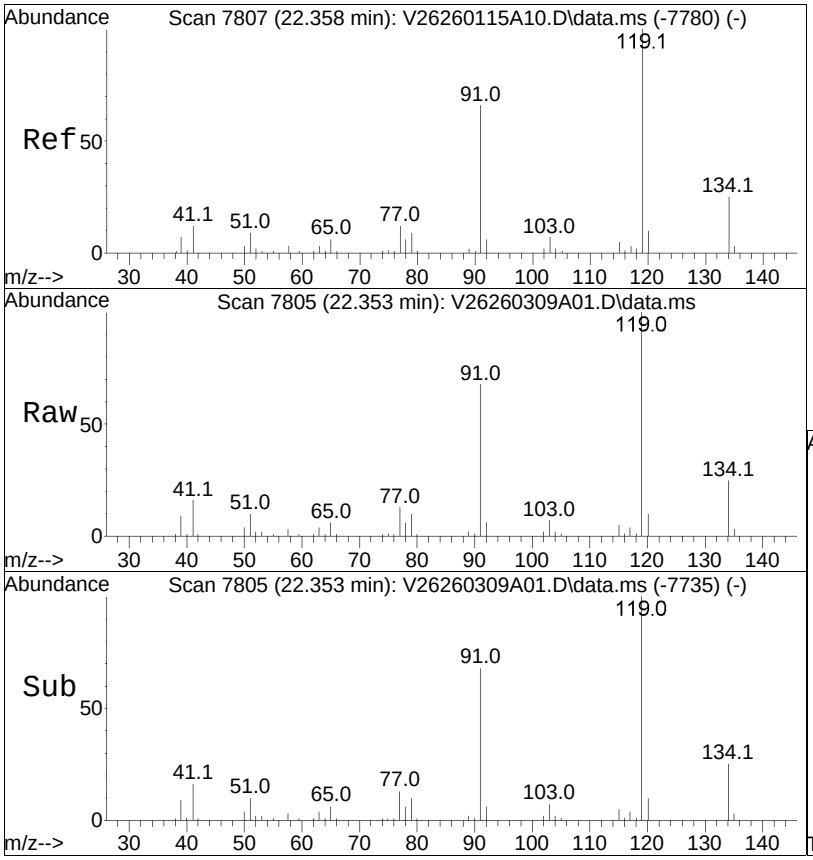


#103
4-Chlorotoluene
Concen: 40.07 ug/L
RT: 21.650 min Scan# 7553
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 91 Resp: 1757846

Ion	Ratio	Lower	Upper
91	100		
126	32.7	28.4	42.6

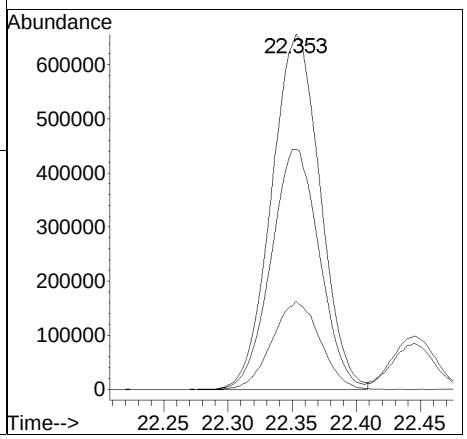


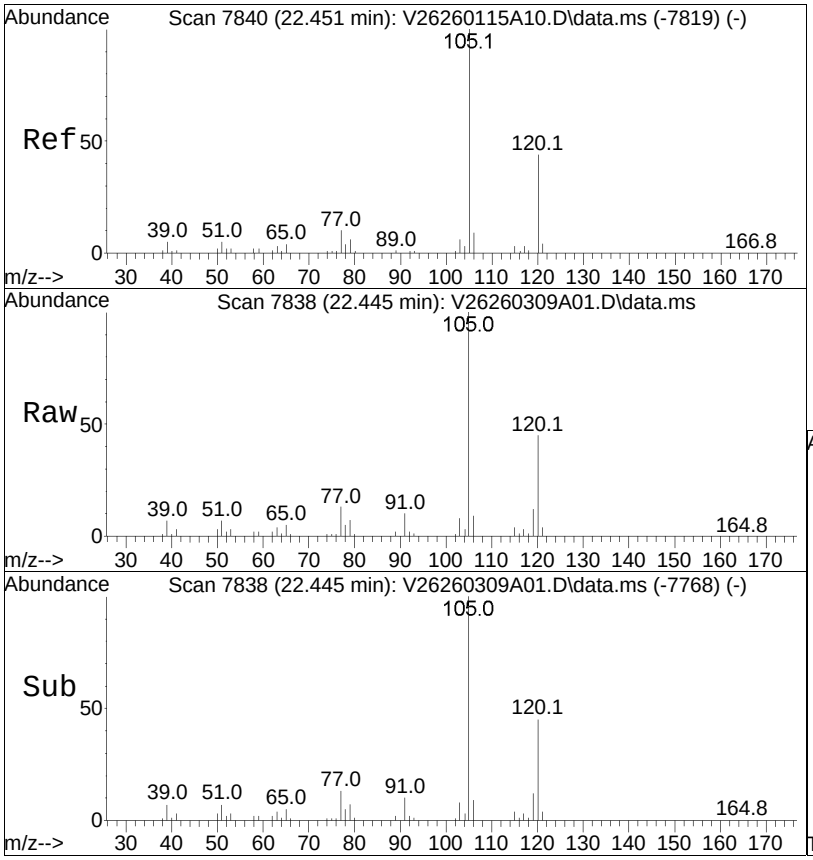


#104
tert-Butylbenzene
Concen: 40.30 ug/L
RT: 22.353 min Scan# 7805
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:119 Resp: 1731052

Ion	Ratio	Lower	Upper
119	100		
91	67.6	52.6	79.0
134	24.5	20.7	31.1

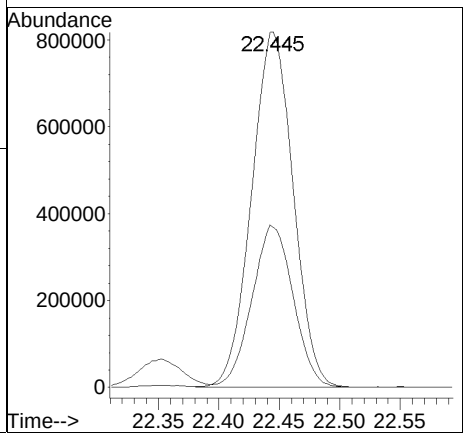


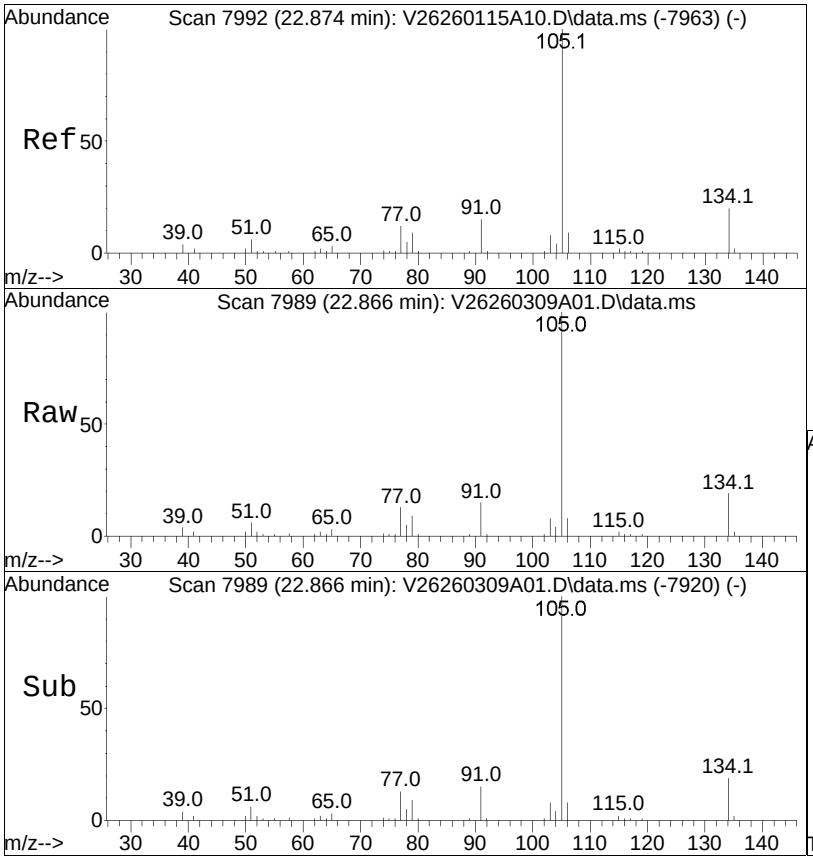


#107
1,2,4-Trimethylbenzene
Concen: 40.59 ug/L
RT: 22.445 min Scan# 7838
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:105 Resp: 1956194

Ion	Ratio	Lower	Upper
105	100		
120	45.3	38.7	58.1

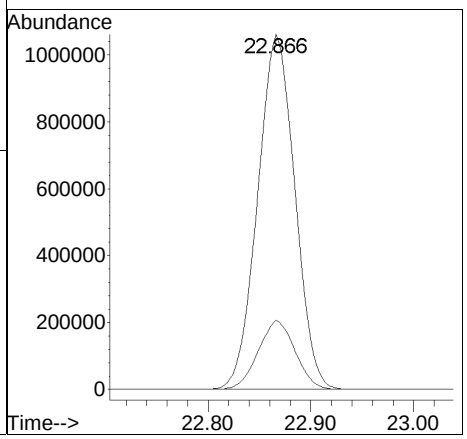


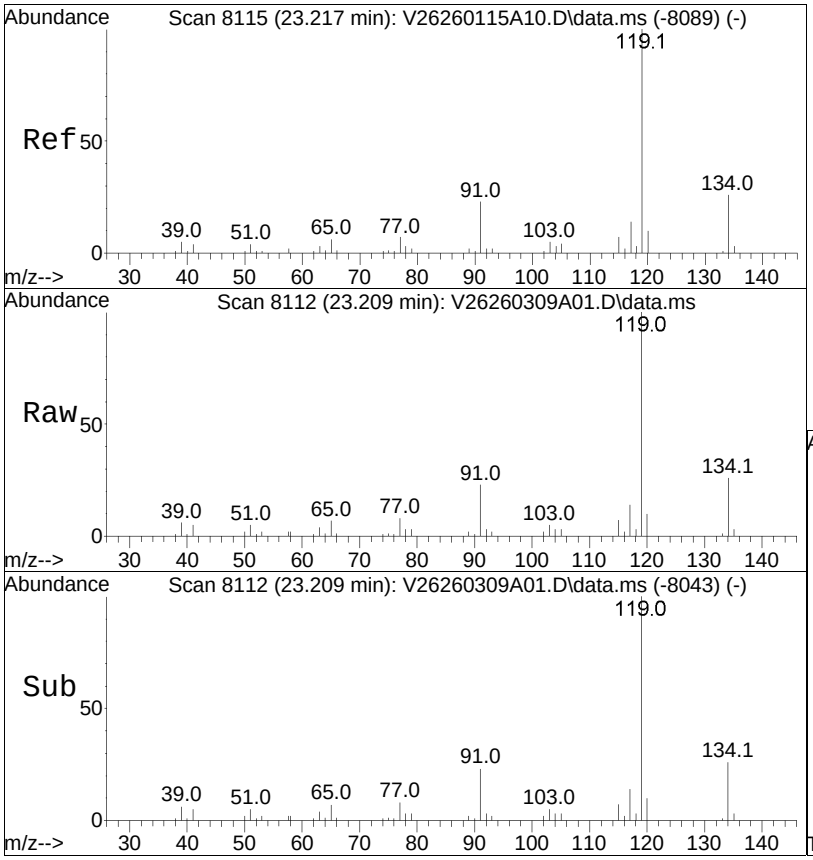


#109
sec-Butylbenzene
Concen: 42.38 ug/L
RT: 22.866 min Scan# 7989
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:105 Resp: 2670651

Ion	Ratio	Lower	Upper
105	100		
134	19.3	14.0	29.0

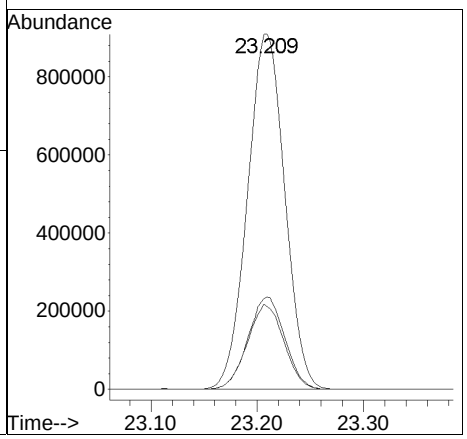


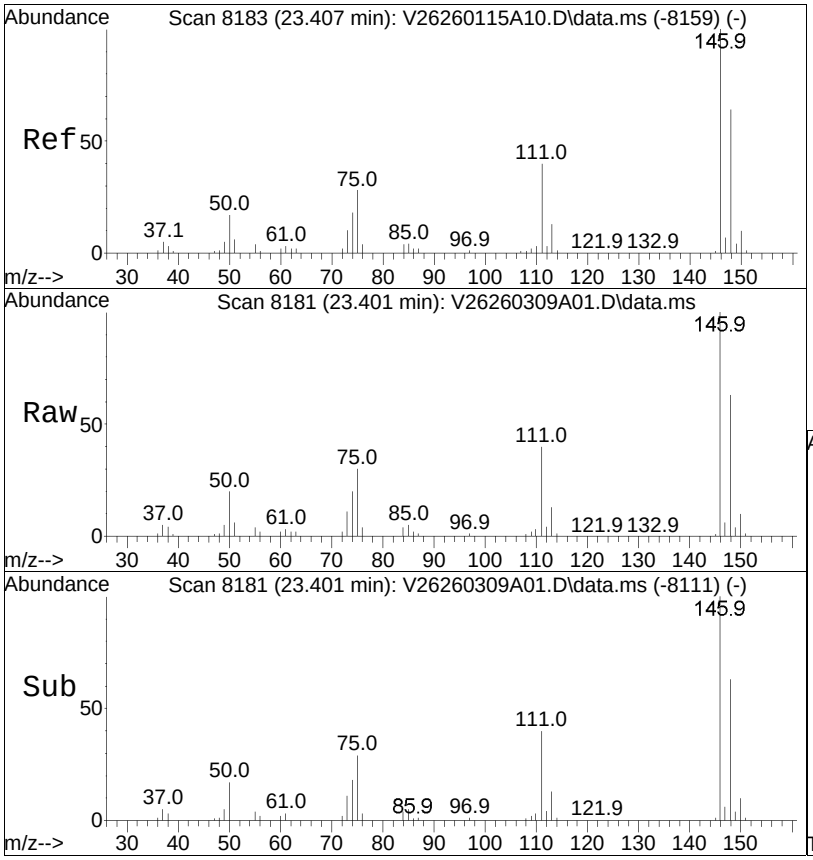


#110
p-Isopropyltoluene
Concen: 41.12 ug/L
RT: 23.209 min Scan# 8112
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:119 Resp: 2219293

Ion	Ratio	Lower	Upper
119	100		
134	25.7	18.0	37.4
91	23.5	15.3	31.9

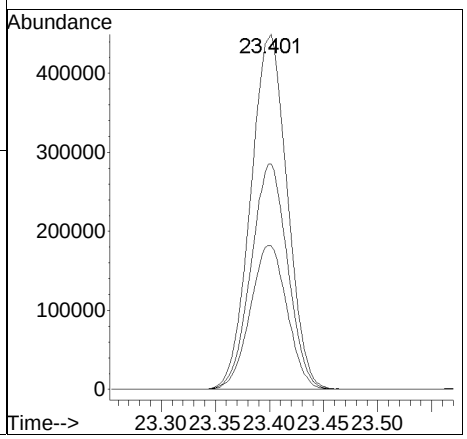


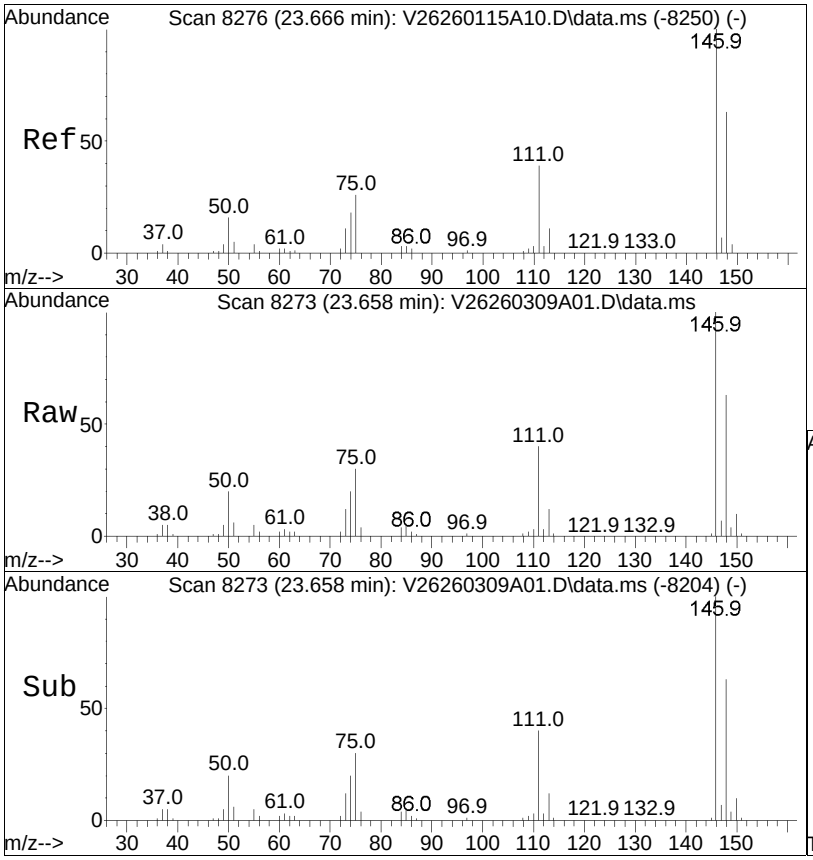


#111
1,3-Dichlorobenzene
Concen: 38.22 ug/L
RT: 23.401 min Scan# 8181
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:146 Resp: 1058594

Ion	Ratio	Lower	Upper
146	100		
111	41.0	26.4	54.8
148	63.6	41.7	86.5

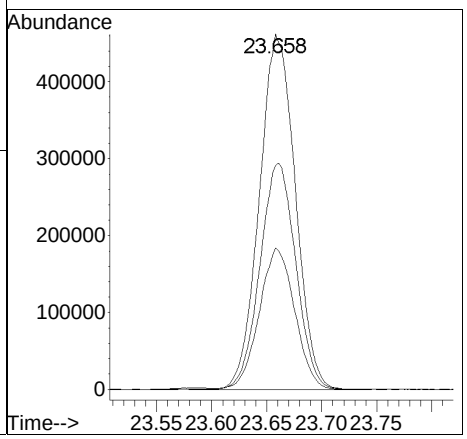


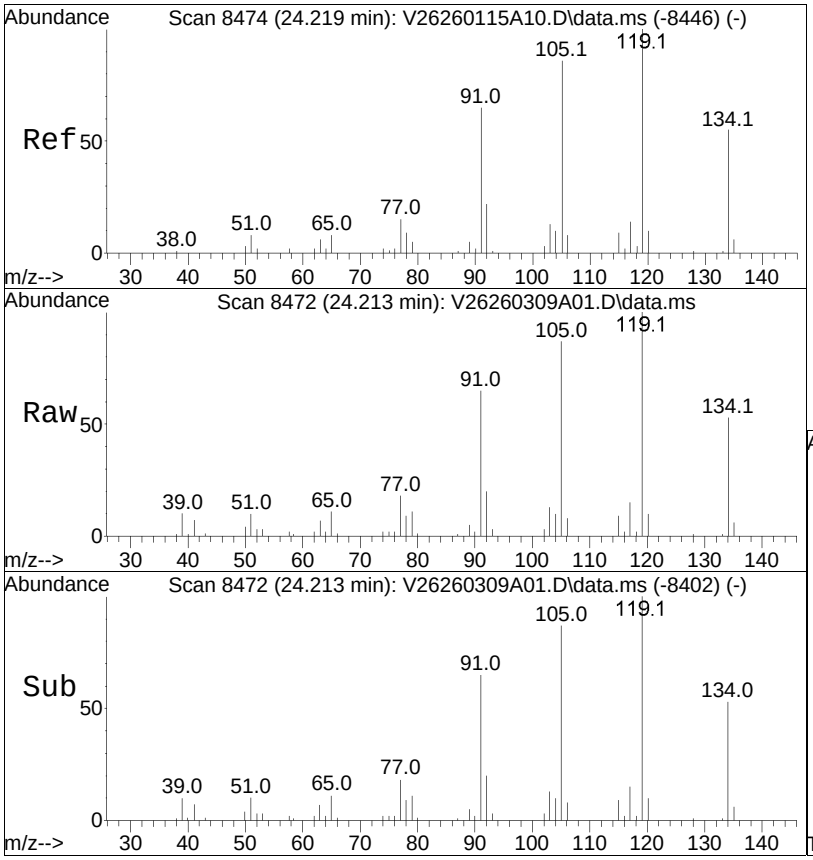


#112
1,4-Dichlorobenzene
Concen: 37.92 ug/L
RT: 23.658 min Scan# 8273
Delta R.T. -0.008 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:146 Resp: 1049385

Ion	Ratio	Lower	Upper
146	100		
111	39.3	31.2	46.8
148	63.4	51.4	77.0

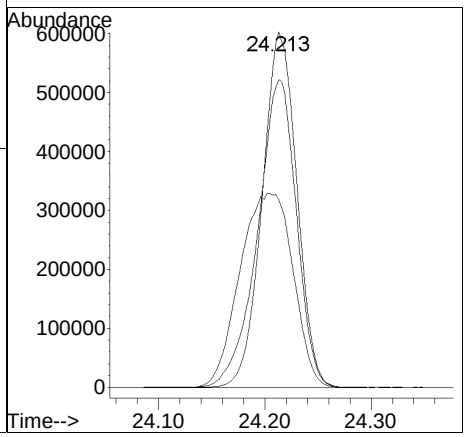


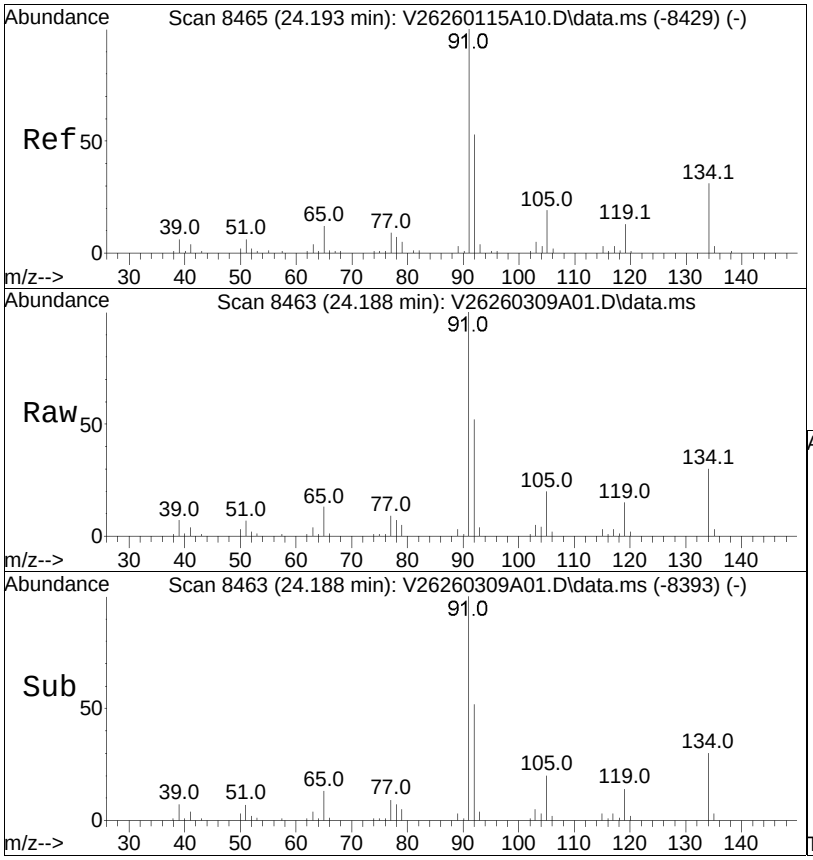


#115
p-Diethylbenzene
Concen: 41.76 ug/L
RT: 24.213 min Scan# 8472
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:119 Resp: 1365605

Ion	Ratio	Lower	Upper
119	100		
105	96.9	62.7	130.3
134	83.7	55.7	115.7

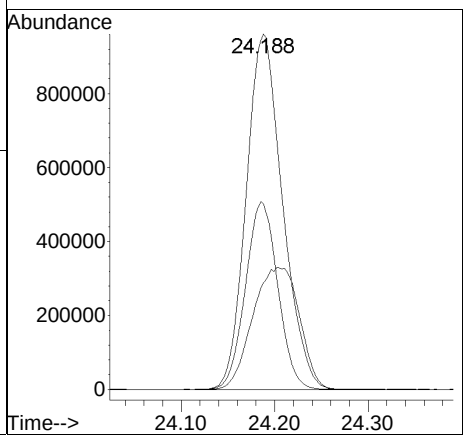


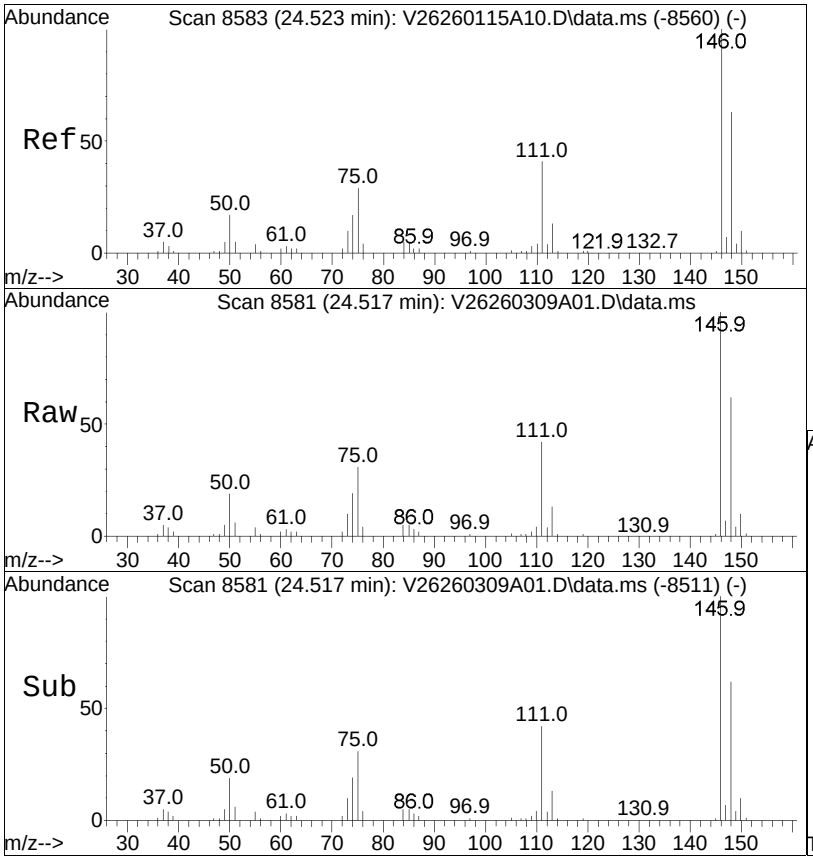


#116
n-Butylbenzene
Concen: 43.15 ug/L
RT: 24.188 min Scan# 8463
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion: 91 Resp: 2597435

Ion	Ratio	Lower	Upper
91	100		
92	47.0	38.2	57.4
134	44.0	39.1	58.7

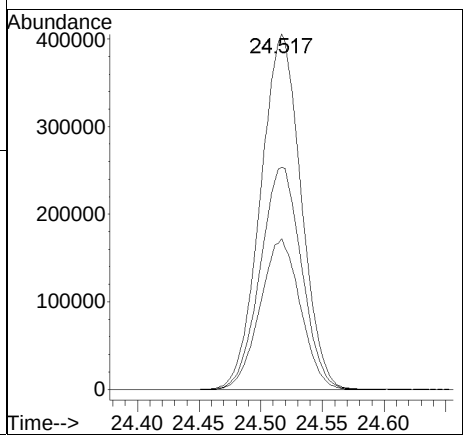


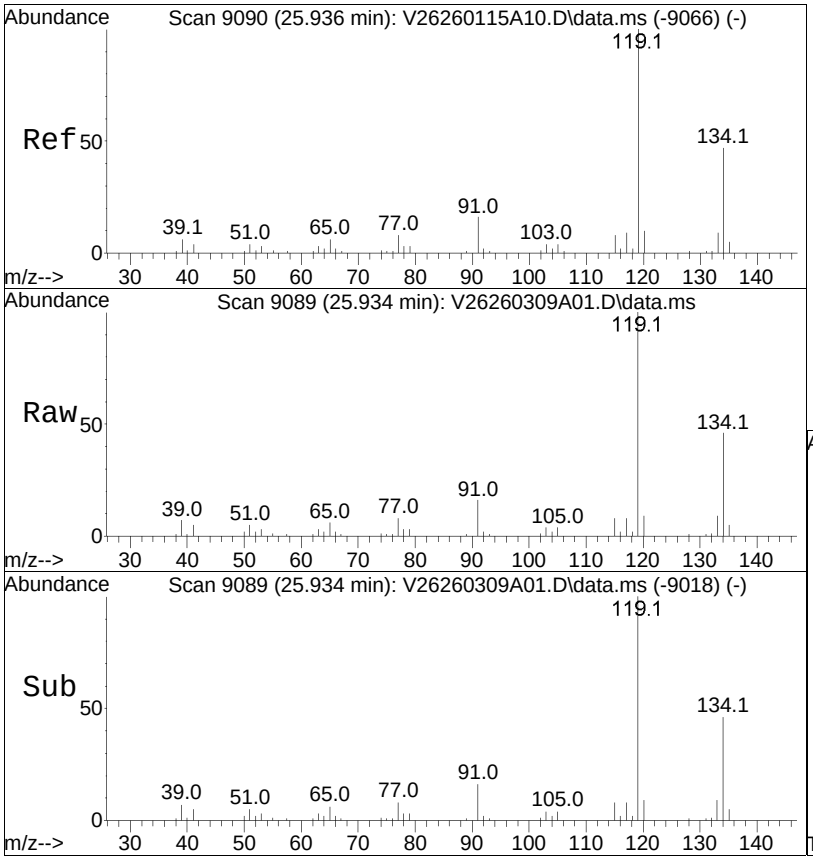


#118
1,2-Dichlorobenzene
Concen: 37.54 ug/L
RT: 24.517 min Scan# 8581
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:146 Resp: 930252

Ion	Ratio	Lower	Upper
146	100		
111	42.2	27.3	56.7
148	63.5	41.6	86.4

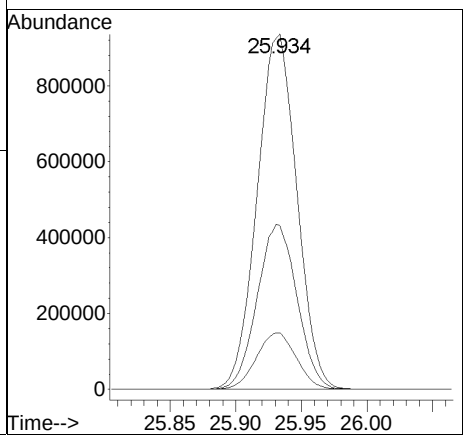


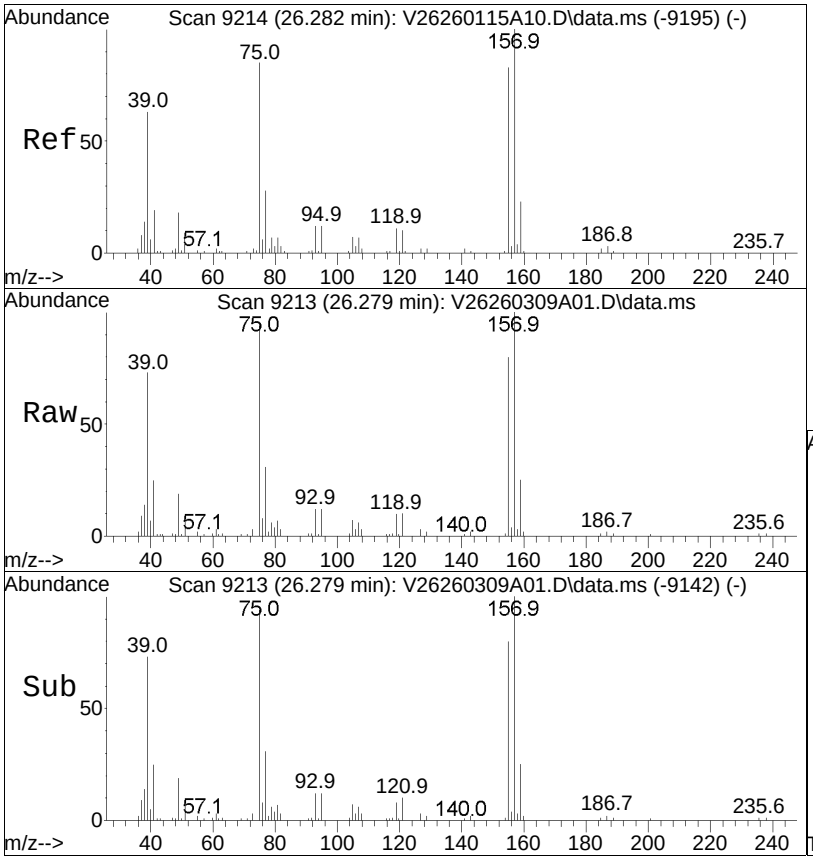


#120
1,2,4,5-Tetramethylbenzene
Concen: 41.66 ug/L
RT: 25.934 min Scan# 9089
Delta R.T. -0.003 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:119 Resp: 1974095

Ion	Ratio	Lower	Upper
119	100		
134	46.6	32.8	68.2
91	16.1	10.7	22.3

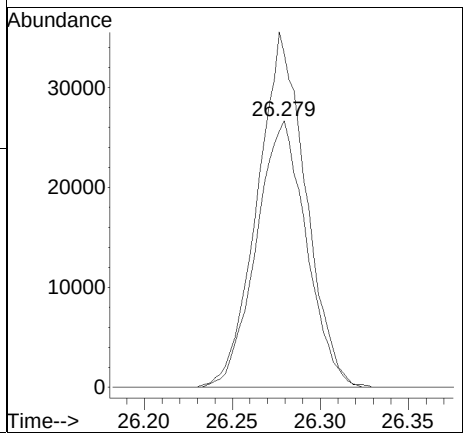


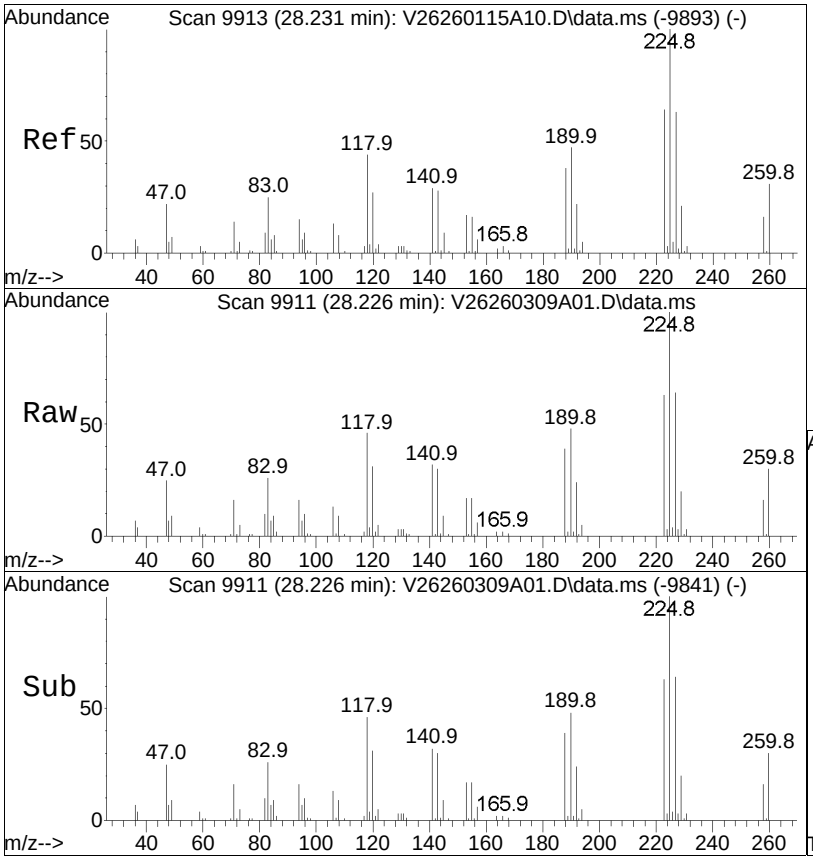


#121
1,2-Dibromo-3-chloropropane
Concen: 34.16 ug/L
RT: 26.279 min Scan# 9213
Delta R.T. -0.003 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:155 Resp: 52797

Ion	Ratio	Lower	Upper
155	100		
157	128.5	101.7	152.5

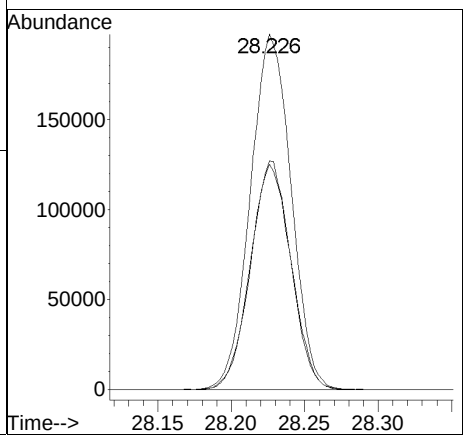


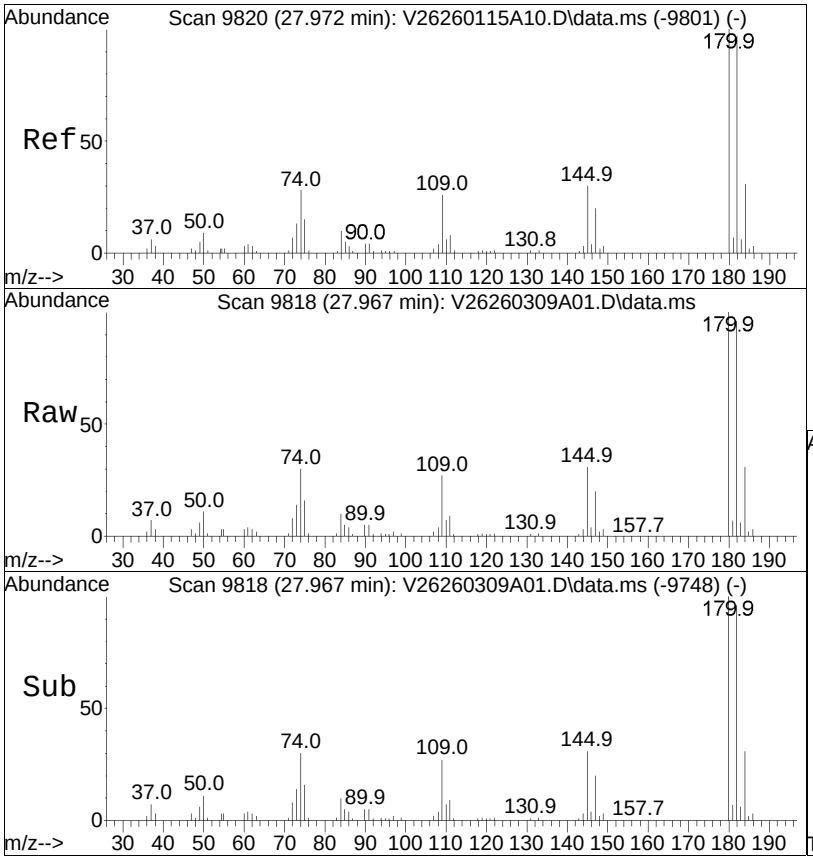


#124
Hexachlorobutadiene
Concen: 40.14 ug/L
RT: 28.226 min Scan# 9911
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:225 Resp: 381913

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.1	75.1
227	63.8	51.5	77.3

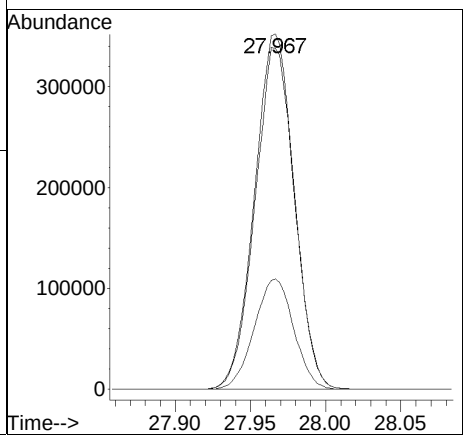


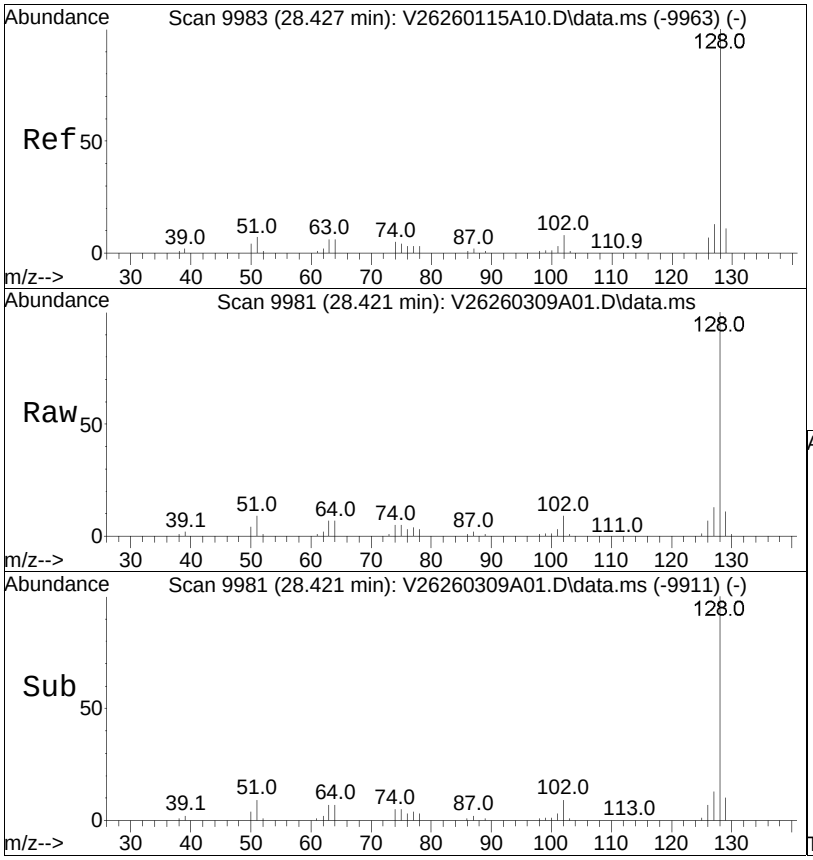


#125
1,2,4-Trichlorobenzene
Concen: 39.58 ug/L
RT: 27.967 min Scan# 9818
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:180 Resp: 648578

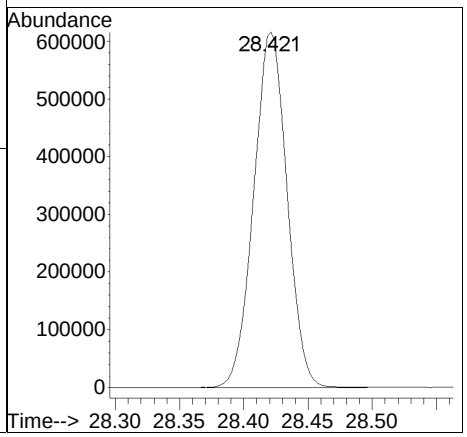
Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.8
145	30.9	25.8	38.8

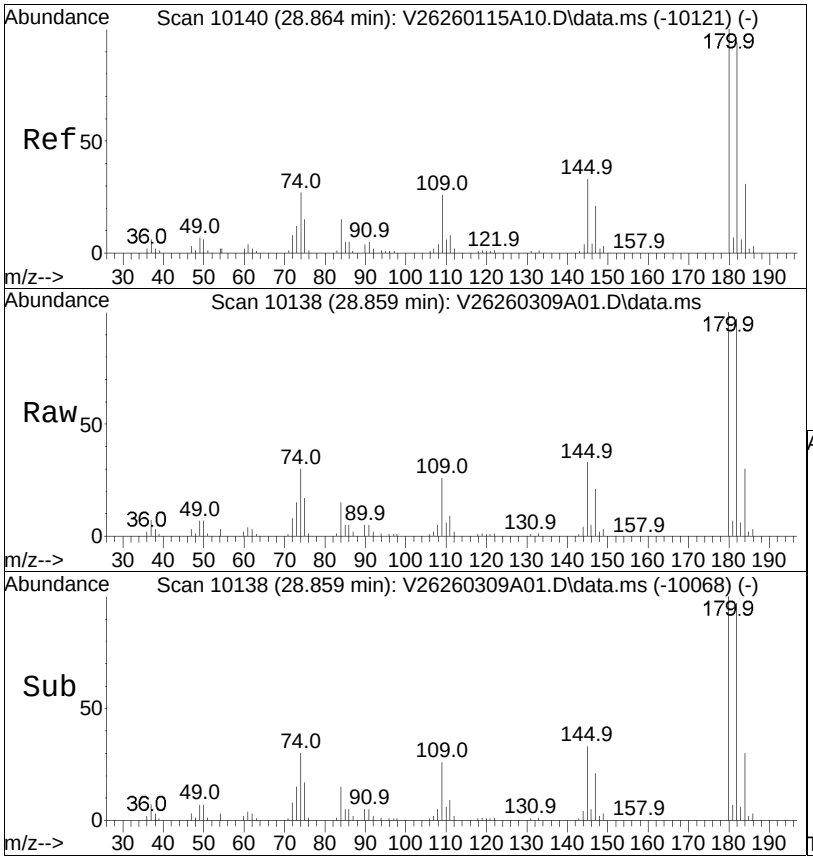




#126
Naphthalene
Concen: 37.93 ug/L
RT: 28.421 min Scan# 9981
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:128 Resp: 1111691

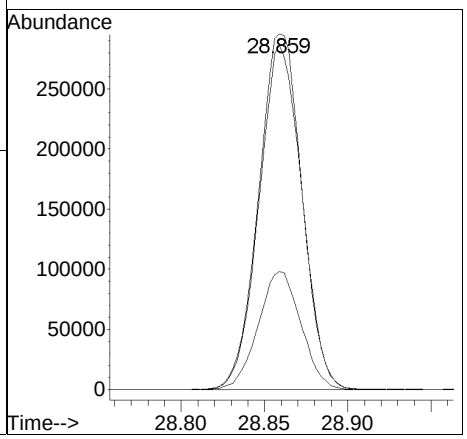




#127
1,2,3-Trichlorobenzene
Concen: 38.90 ug/L
RT: 28.859 min Scan# 10138
Delta R.T. -0.006 min
Lab File: V26260309A01.D
Acq: 09 Mar 2026 09:29 am

Tgt Ion:180 Resp: 535862

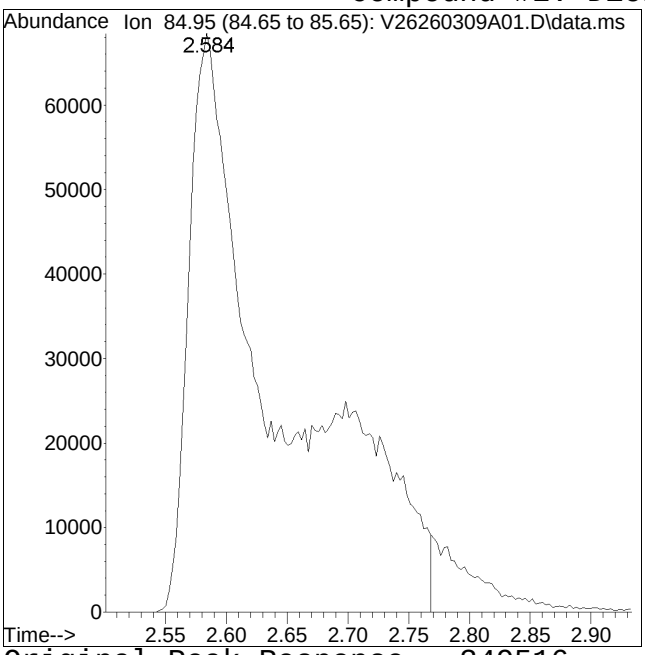
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
145	32.6	27.5	41.3



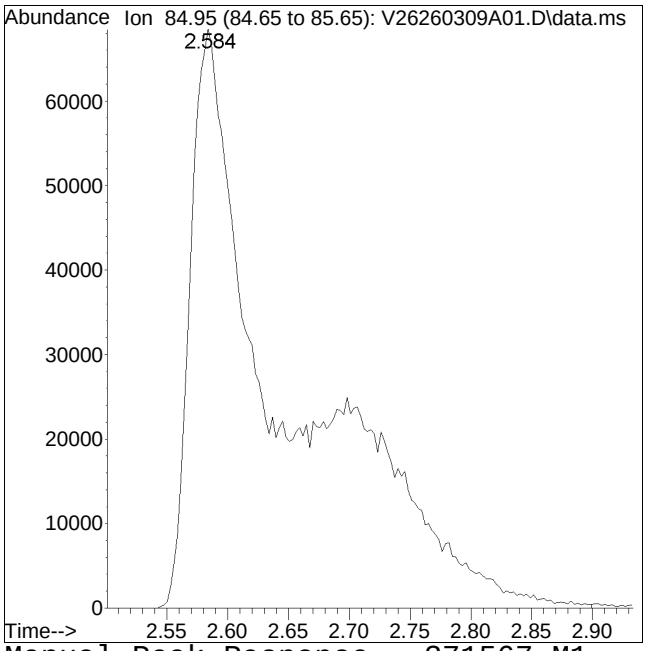
Manual Integration Report

Data Path : K:\VOA126\2026\260309A\ QMethod : V126_260115A_8260.m
Data File : V26260309A01.D Operator : VOA126:TMH
Date Inj'd : 3/9/2026 9:29 am Instrument : VOA126
Sample : WG2183848-3,31h,15,15,0.1 Quant Date : 3/9/2026 10:09 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 349516



Manual Peak Response = 371567 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183816-3,31,5,5
Misc : WG2183816,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.201	96	173144	20.000	ug/L	0.00
Standard Area 1 = 173144			Recovery = 100.00%			
59) Chlorobenzene-d5	9.771	117	127198	20.000	ug/L	0.00
Standard Area 1 = 127198			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.428	152	64537	20.000	ug/L	0.00
Standard Area 1 = 64537			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.376	113	44949	20.820	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.10%			
43) 1,2-Dichloroethane-d4	5.911	65	49448	24.145	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 120.72%			
60) Toluene-d8	7.913	98	173102	21.072	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.36%			
83) 4-Bromofluorobenzene	11.240	95	60424	20.461	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.31%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.658	85	97050	46.662	ug/L	99
3) Chloromethane	1.882	50	114270	50.900	ug/L	97
4) Vinyl chloride	1.940	62	140525	56.550	ug/L	98
5) Bromomethane	2.272	94	80599	42.323	ug/L	99
6) Chloroethane	2.400	64	71238	47.648	ug/L	97
7) Trichlorofluoromethane	2.554	101	143868	50.179	ug/L	98
8) Ethyl ether	2.866	74	48342	40.292	ug/L	78
10) 1,1-Dichloroethene	3.070	96	76859	43.600	ug/L	91
11) Carbon disulfide	3.103	76	276241	41.707	ug/L	99
15) Methylene chloride	3.638	84	92789	38.847	ug/L	77
17) Acetone	3.686	43	23618	41.721	ug/L	97
18) trans-1,2-Dichloroethene	3.803	96	88420	42.536	ug/L	89
20) Methyl tert-butyl ether	3.898	73	253291	39.546	ug/L	88
23) 1,1-Dichloroethane	4.397	63	171054	44.911	ug/L	97
25) Acrylonitrile	4.447	53	23456M1	42.099	ug/L	
27) Vinyl acetate	4.637	43	206045	41.595	ug/L #	95
28) cis-1,2-Dichloroethene	4.927	96	95096	40.073	ug/L	89
29) 2,2-Dichloropropane	5.036	77	137301	44.306	ug/L	96
30) Bromochloromethane	5.128	128	43540	38.747	ug/L #	79
32) Chloroform	5.197	83	172226	43.093	ug/L	97

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183816-3,31,5,5
Misc : WG2183816,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	5.342	117	128340	44.610	ug/L		97
37) 1,1,1-Trichloroethane	5.406	97	145995	46.056	ug/L		99
39) 2-Butanone	5.498	43	28541M1	45.785	ug/L		
40) 1,1-Dichloropropene	5.535	75	119175	47.045	ug/L		98
41) Benzene	5.780	78	348325	42.250	ug/L		92
44) 1,2-Dichloroethane	5.984	62	127178	44.960	ug/L		98
48) Trichloroethene	6.385	95	94200	42.320	ug/L		96
50) Dibromomethane	6.829	93	54734	39.892	ug/L		93
51) 1,2-Dichloropropane	6.935	63	93061	42.112	ug/L		96
54) Bromodichloromethane	7.004	83	127924	41.379	ug/L		99
57) 1,4-Dioxane	7.222	88	30614M3	2134.918	ug/L		
58) cis-1,3-Dichloropropene	7.699	75	141248	39.951	ug/L		95
61) Toluene	7.969	92	219059	41.694	ug/L		96
62) 4-Methyl-2-pentanone	8.399	58	24472	37.181	ug/L	#	93
63) Tetrachloroethene	8.424	166	88867	42.148	ug/L		93
65) trans-1,3-Dichloropropene	8.452	75	126793	40.427	ug/L		84
68) 1,1,2-Trichloroethane	8.639	83	63552	40.231	ug/L		99
69) Chlorodibromomethane	8.856	129	89562	38.635	ug/L		96
70) 1,3-Dichloropropane	8.962	76	129962	41.560	ug/L		100
71) 1,2-Dibromoethane	9.138	107	70899	40.273	ug/L		98
72) 2-Hexanone	9.425	43	35074	36.563	ug/L		94
73) Chlorobenzene	9.793	112	244769	40.458	ug/L	#	85
74) Ethylbenzene	9.829	91	437170	43.246	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.871	131	89358	38.675	ug/L		99
76) p/m Xylene	10.013	106	328488	86.063	ug/L		95
77) o Xylene	10.546	106	323477	83.043	ug/L		96
78) Styrene	10.610	104	526781	80.696	ug/L		99
80) Bromoform	10.632	173	50950	35.336	ug/L		99
82) Isopropylbenzene	10.920	105	426921	44.392	ug/L		99
84) Bromobenzene	11.352	156	99555	38.549	ug/L		99
85) n-Propylbenzene	11.388	91	533030	47.399	ug/L		97
87) 1,1,2,2-Tetrachloroethane	11.466	83	96861	41.885	ug/L		99
88) 4-Ethyltoluene	11.514	105	424856	44.793	ug/L		98
89) 2-Chlorotoluene	11.558	91	301750	44.044	ug/L		94
90) 1,3,5-Trimethylbenzene	11.608	105	365593	44.119	ug/L		97
91) 1,2,3-Trichloropropane	11.608	75	77322	43.518	ug/L		98
92) trans-1,4-Dichloro-2-b...	11.661	53	27761	42.789	ug/L		93
93) 4-Chlorotoluene	11.737	91	314315	44.139	ug/L		97
94) tert-Butylbenzene	11.943	119	304476	43.901	ug/L		97

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183816-3,31,5,5
Misc : WG2183816,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.021	105	354573	43.411	ug/L	97
98) sec-Butylbenzene	12.133	105	472606	46.205	ug/L	98
99) p-Isopropyltoluene	12.281	119	399470	44.715	ug/L	98
100) 1,3-Dichlorobenzene	12.353	146	195882	40.670	ug/L	98
101) 1,4-Dichlorobenzene	12.445	146	194068	38.280	ug/L	98
102) p-Diethylbenzene	12.651	119	231167	43.565	ug/L	98
103) n-Butylbenzene	12.710	91	377598	46.825	ug/L	98
104) 1,2-Dichlorobenzene	12.863	146	180657	39.812	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.435	119	322003	39.772	ug/L	97
106) 1,2-Dibromo-3-chloropr...	13.633	155	12036	34.826	ug/L	98
108) Hexachlorobutadiene	14.233	225	59513	39.337	ug/L	99
109) 1,2,4-Trichlorobenzene	14.260	180	98034	36.125	ug/L	98
110) Naphthalene	14.556	128	171175	33.671	ug/L	100
111) 1,2,3-Trichlorobenzene	14.723	180	71369	34.173	ug/L	96

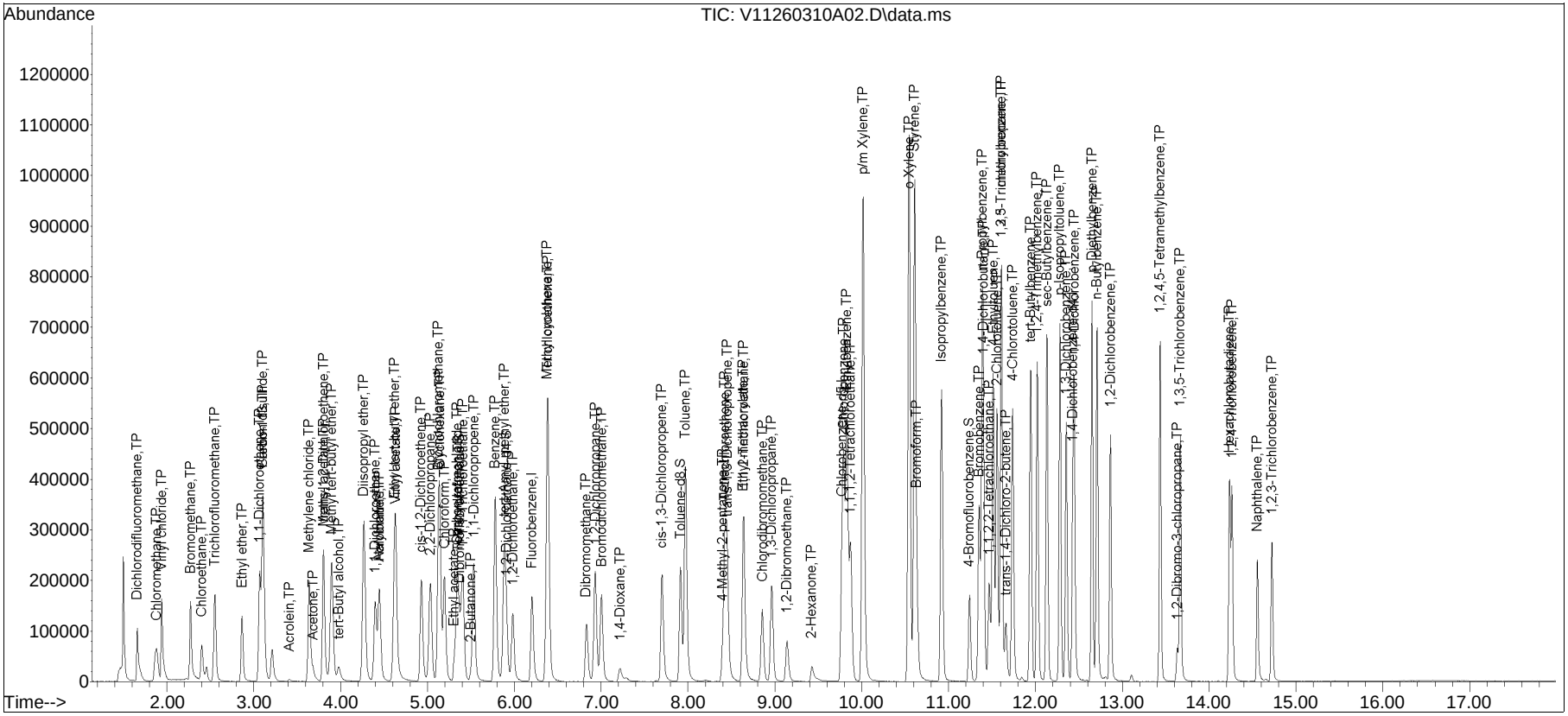
(#) = qualifier out of range (m) = manual integration (+) = signals summed

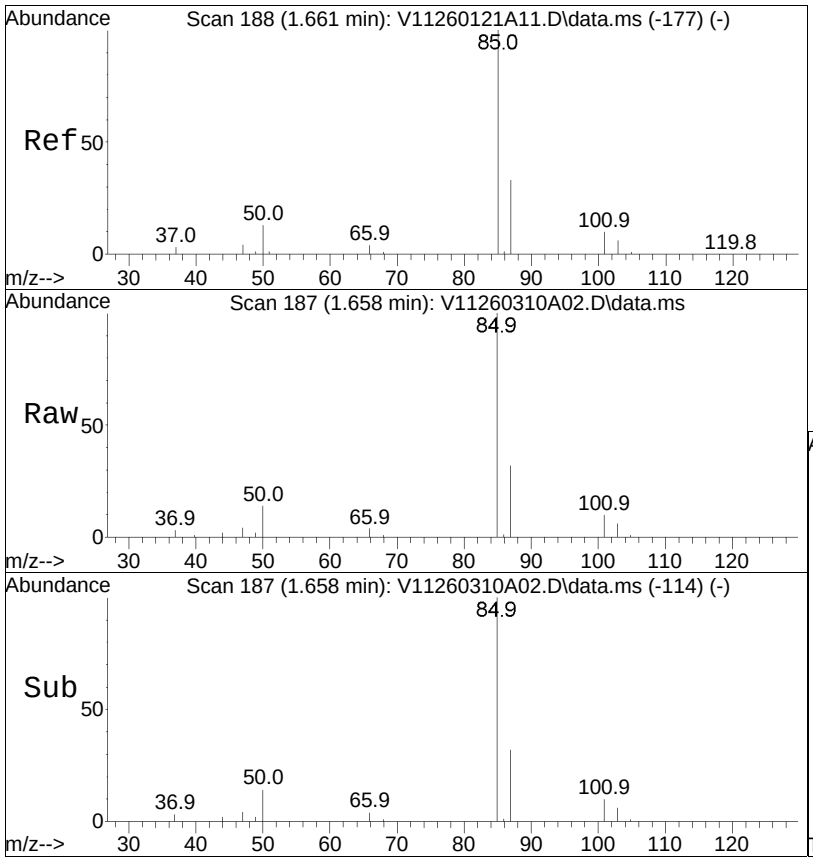
Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Acq On : 10 Mar 2026 08:00 am
Operator : VOA111:MNF
Sample : WG2183816-3,31,5,5
Misc : WG2183816,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:04:54 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

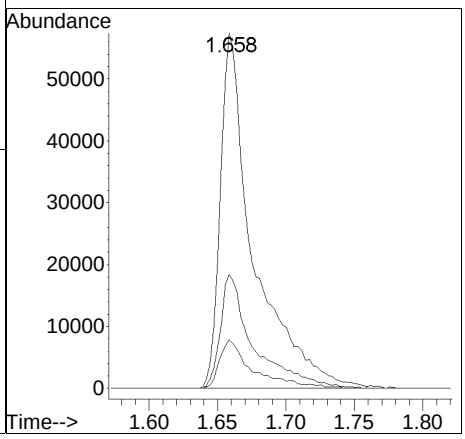


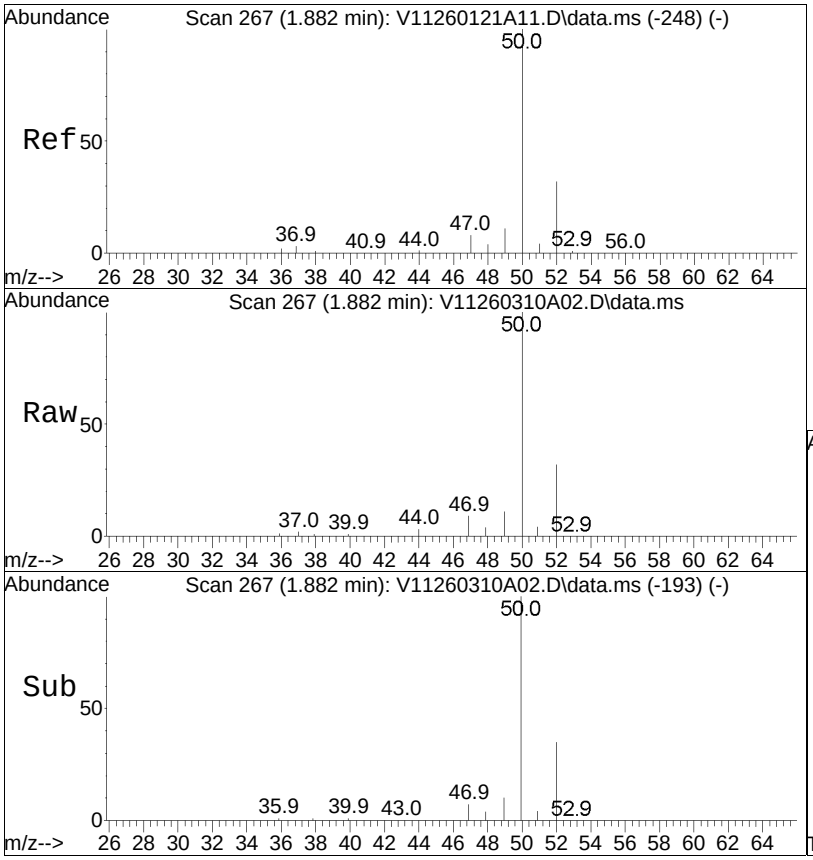


#2
Dichlorodifluoromethane
Concen: 46.66 ug/L
RT: 1.658 min Scan# 187
Delta R.T. 0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 85 Resp: 97050

Ion	Ratio	Lower	Upper
85	100		
87	32.2	20.7	43.1
50	13.7	9.8	20.3

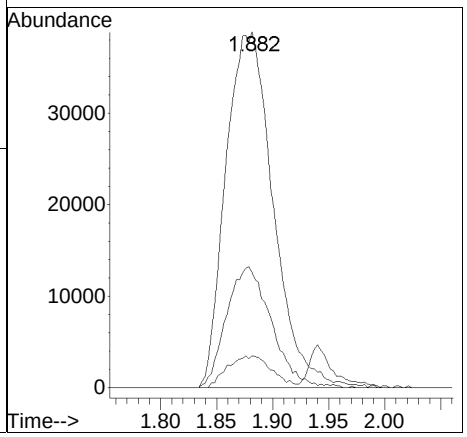


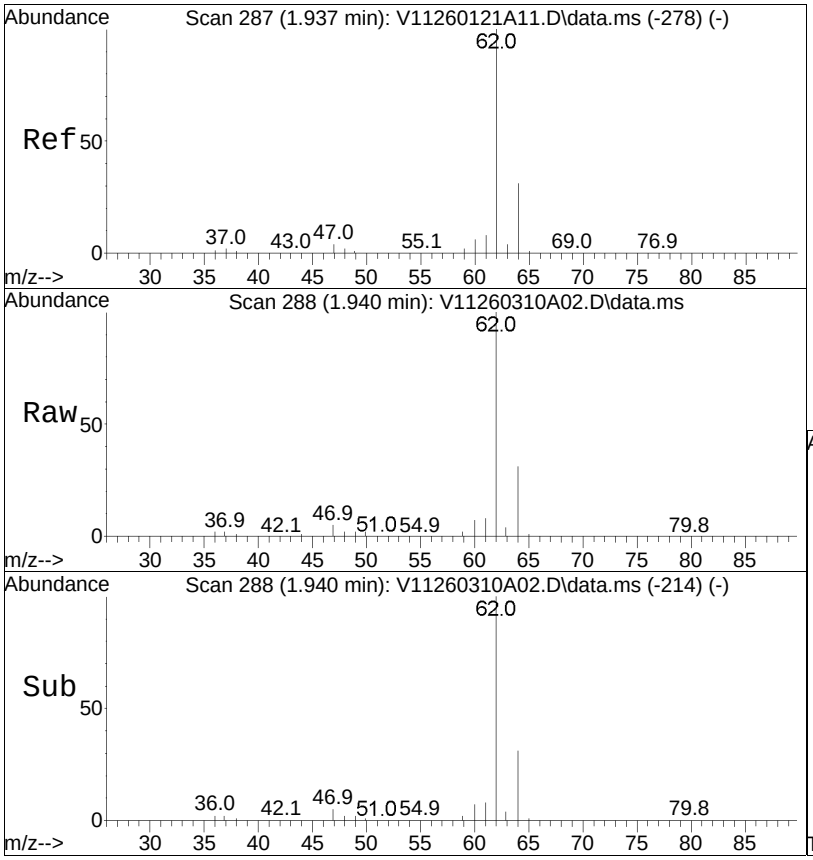


#3
Chloromethane
Concen: 50.90 ug/L
RT: 1.882 min Scan# 267
Delta R.T. 0.005 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 50 Resp: 114270

Ion	Ratio	Lower	Upper
50	100		
52	32.1	10.9	50.9
47	4.2	0.0	27.2

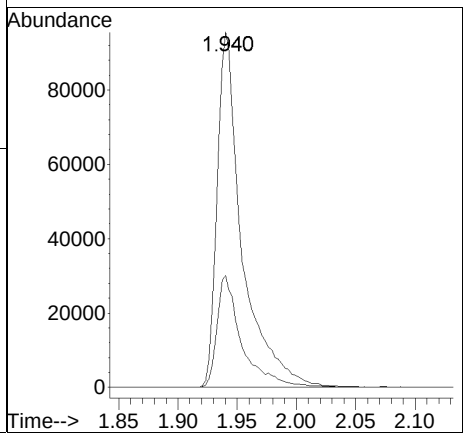


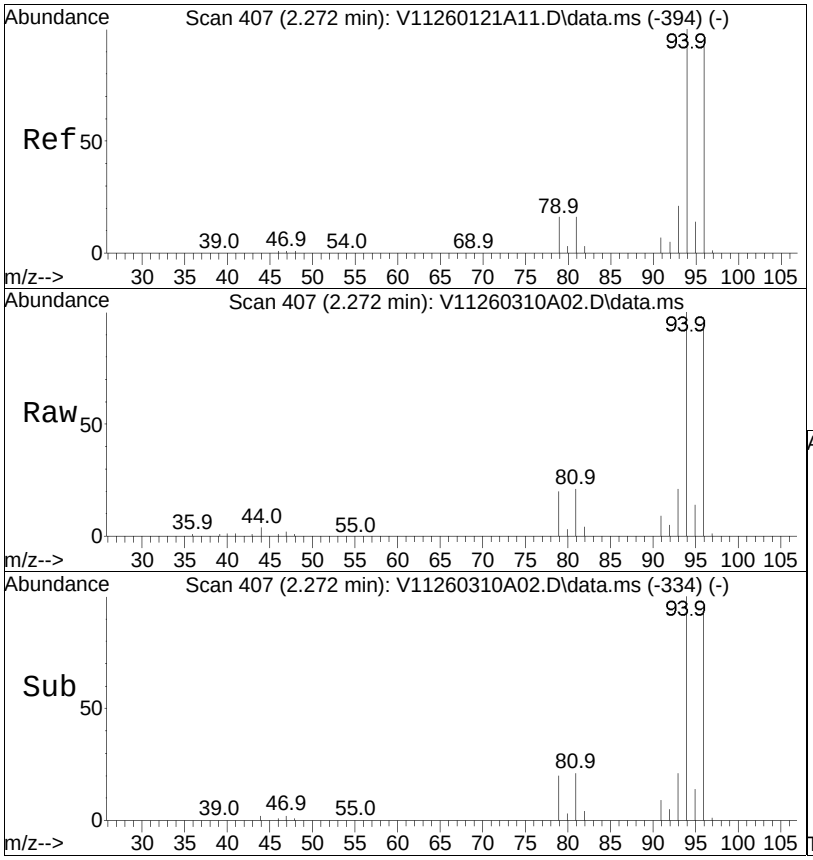


#4
Vinyl chloride
Concen: 56.55 ug/L
RT: 1.940 min Scan# 288
Delta R.T. 0.005 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 62 Resp: 140525

Ion	Ratio	Lower	Upper
62	100		
64	31.2	9.9	49.9

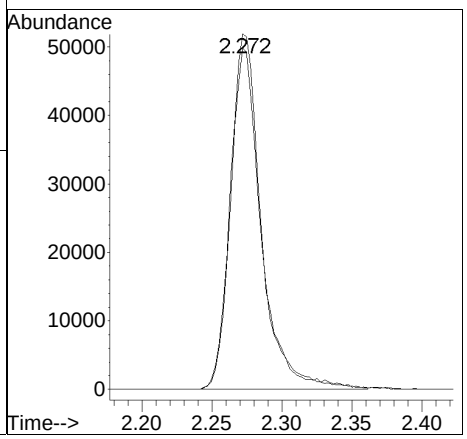


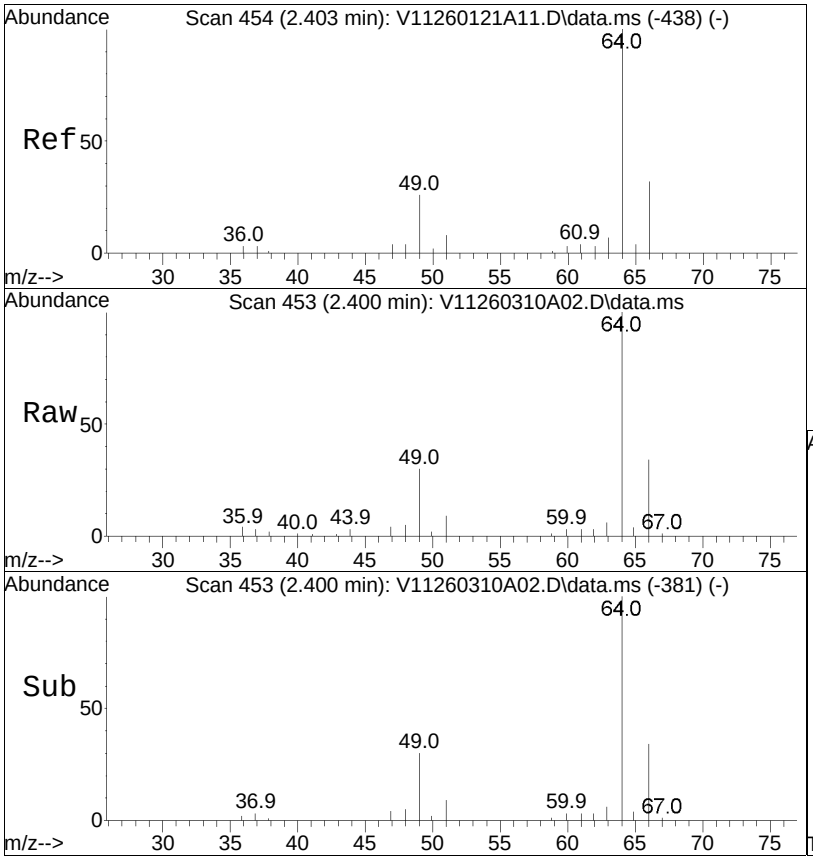


#5
Bromomethane
Concen: 42.32 ug/L
RT: 2.272 min Scan# 407
Delta R.T. 0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 94 Resp: 80599

Ion	Ratio	Lower	Upper
94	100		
96	93.1	72.6	112.6

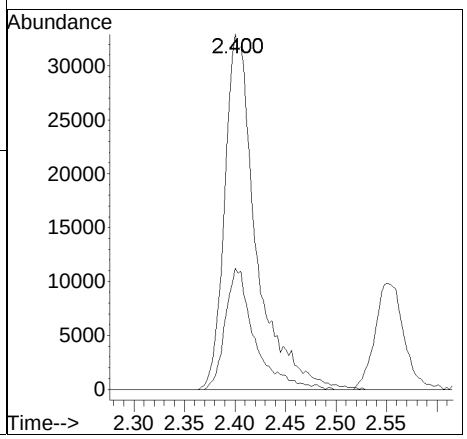


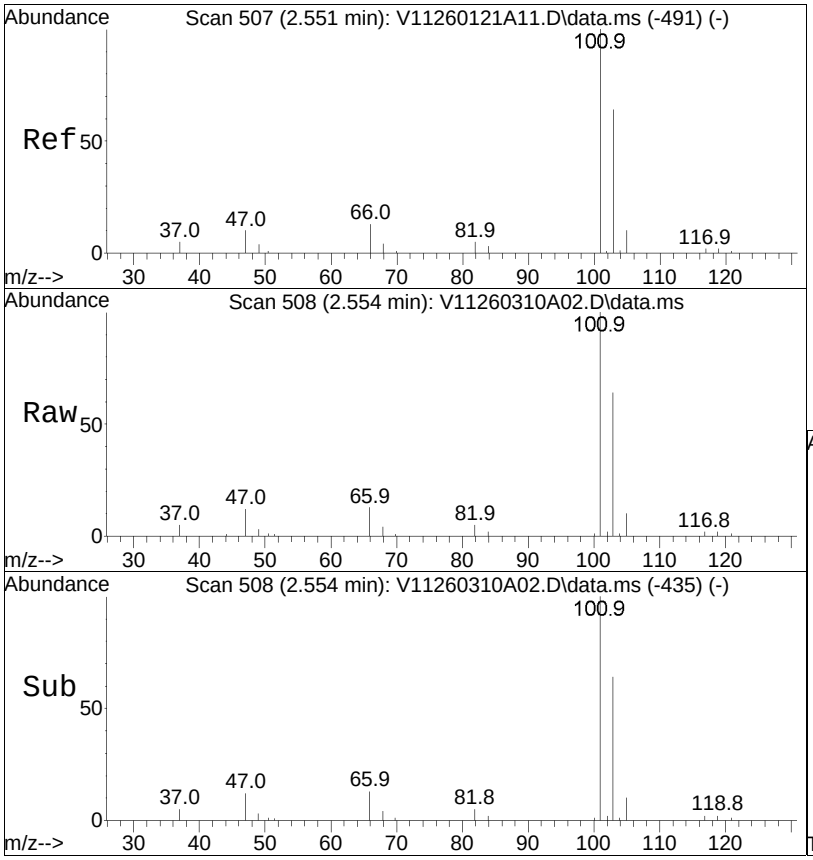


#6
Chloroethane
Concen: 47.65 ug/L
RT: 2.400 min Scan# 453
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 64 Resp: 71238

Ion	Ratio	Lower	Upper
64	100		
66	31.6	10.2	50.2

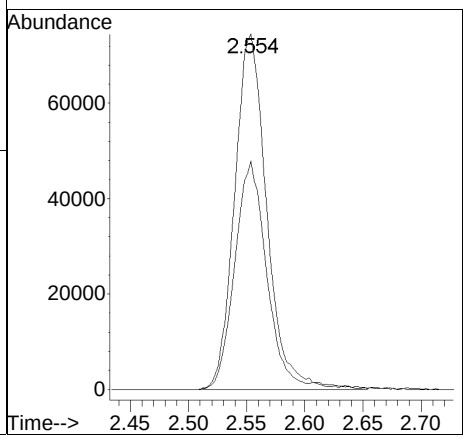


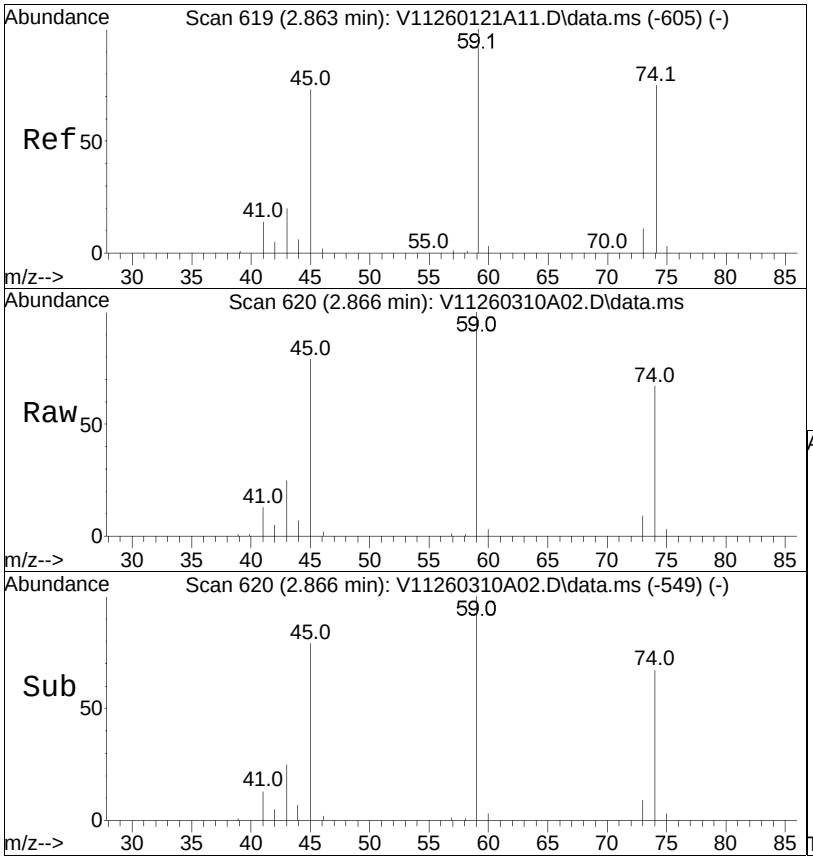


#7
Trichlorofluoromethane
Concen: 50.18 ug/L
RT: 2.554 min Scan# 508
Delta R.T. 0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:101 Resp: 143868

Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.8	77.6

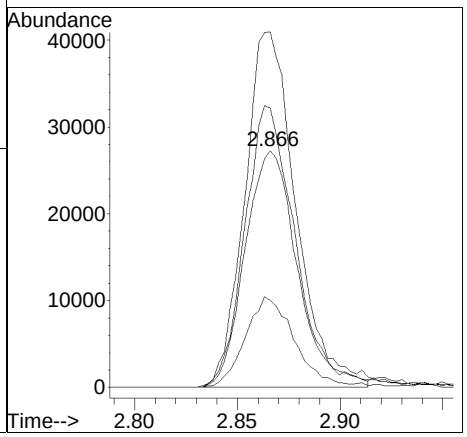


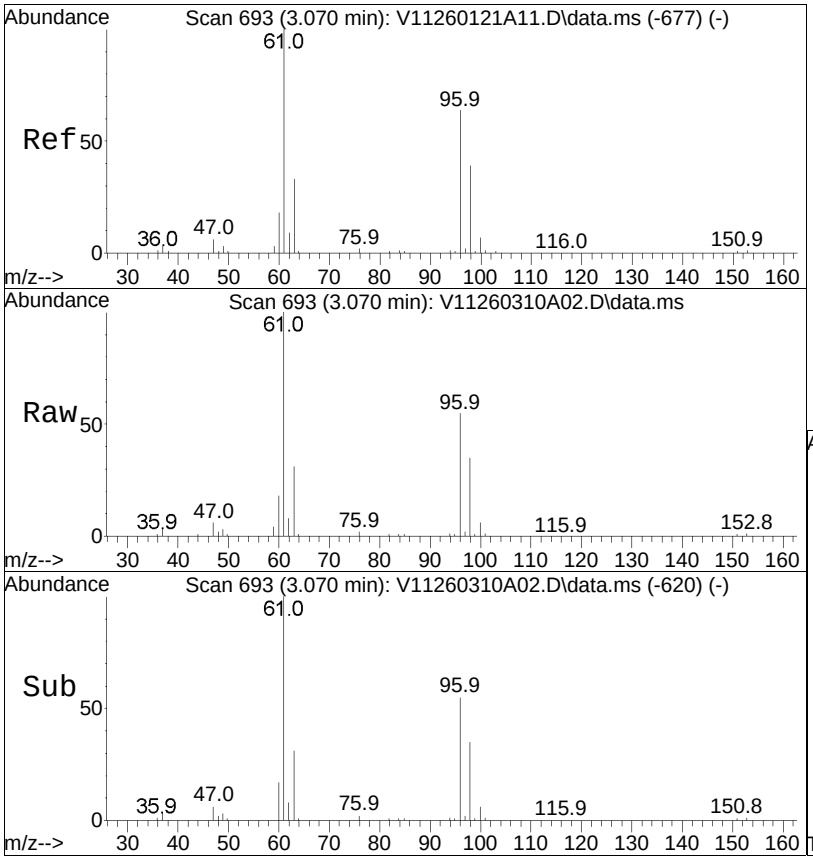


#8
Ethyl ether
Concen: 40.29 ug/L
RT: 2.866 min Scan# 620
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 74 Resp: 48342

Ion	Ratio	Lower	Upper
74	100		
59	150.1	113.5	235.7
45	116.1	100.4	208.4
43	35.8	27.1	56.3

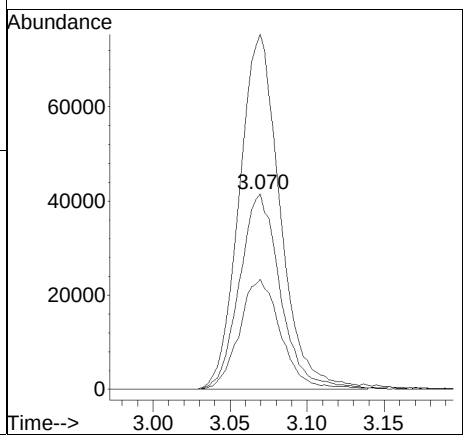


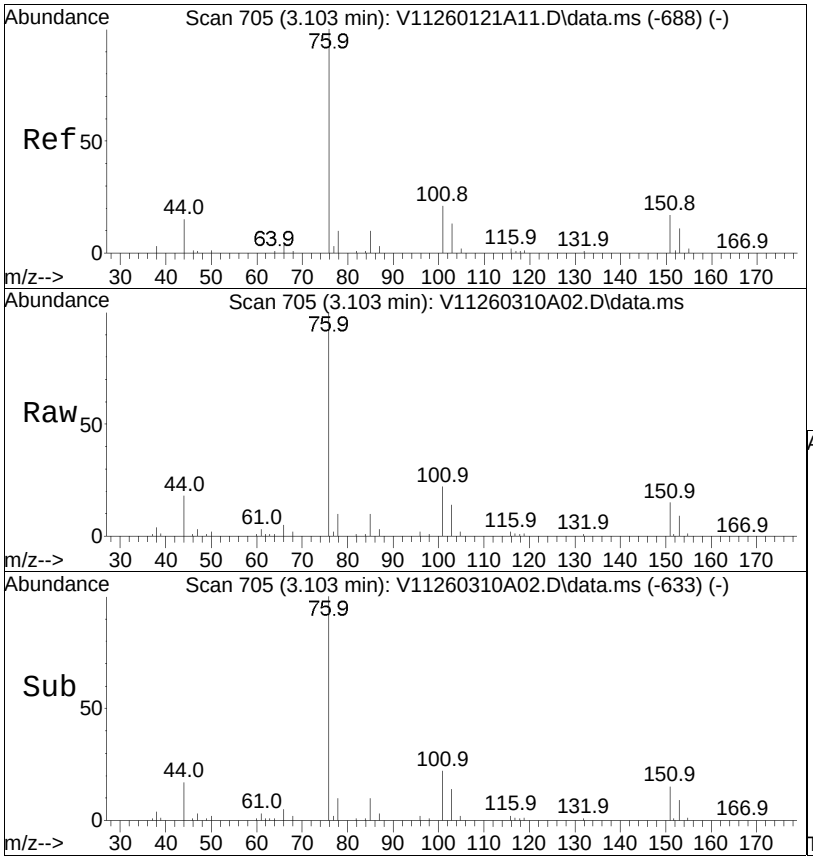


#10
1,1-Dichloroethene
Concen: 43.60 ug/L
RT: 3.070 min Scan# 693
Delta R.T. 0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 96 Resp: 76859

Ion	Ratio	Lower	Upper
96	100		
61	180.7	157.7	236.5
63	57.7	47.9	71.9

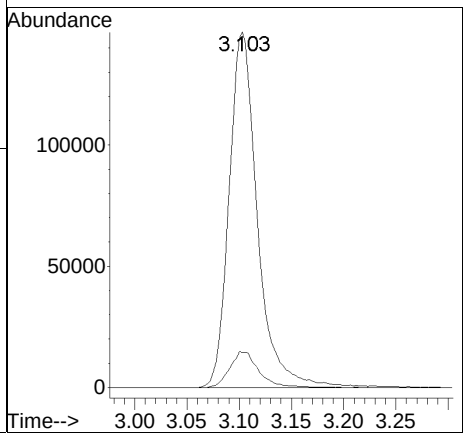


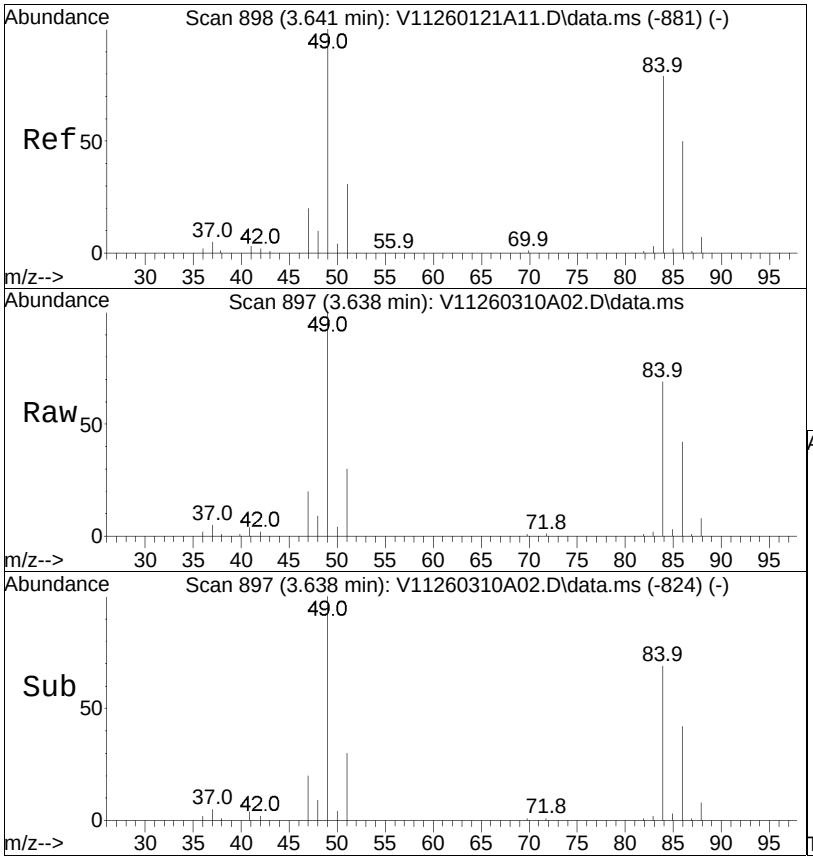


#11
Carbon disulfide
Concen: 41.71 ug/L
RT: 3.103 min Scan# 705
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 76 Resp: 276241

Ion	Ratio	Lower	Upper
76	100		
78	10.2	6.4	13.4

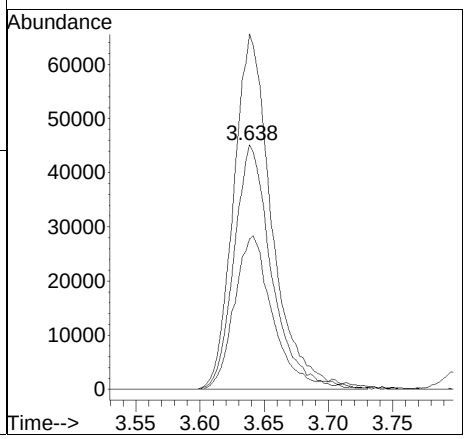


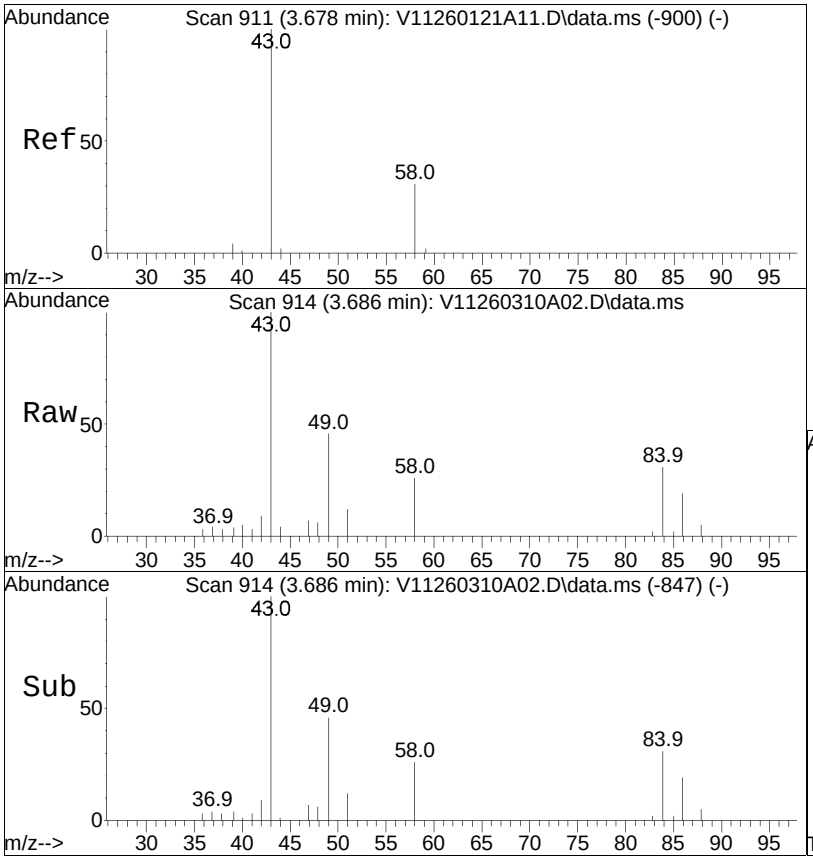


#15
Methylene chloride
Concen: 38.85 ug/L
RT: 3.638 min Scan# 897
Delta R.T. 0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 84 Resp: 92789

Ion	Ratio	Lower	Upper
84	100		
86	64.2	41.1	85.3
49	146.9	124.2	258.0

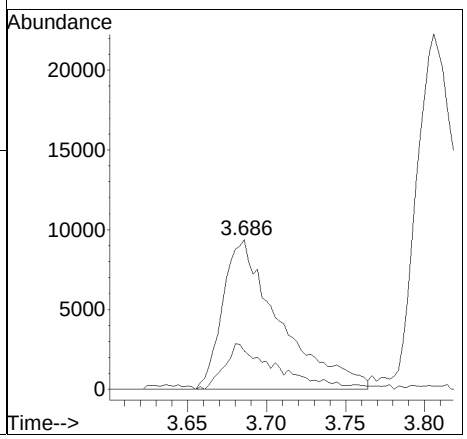


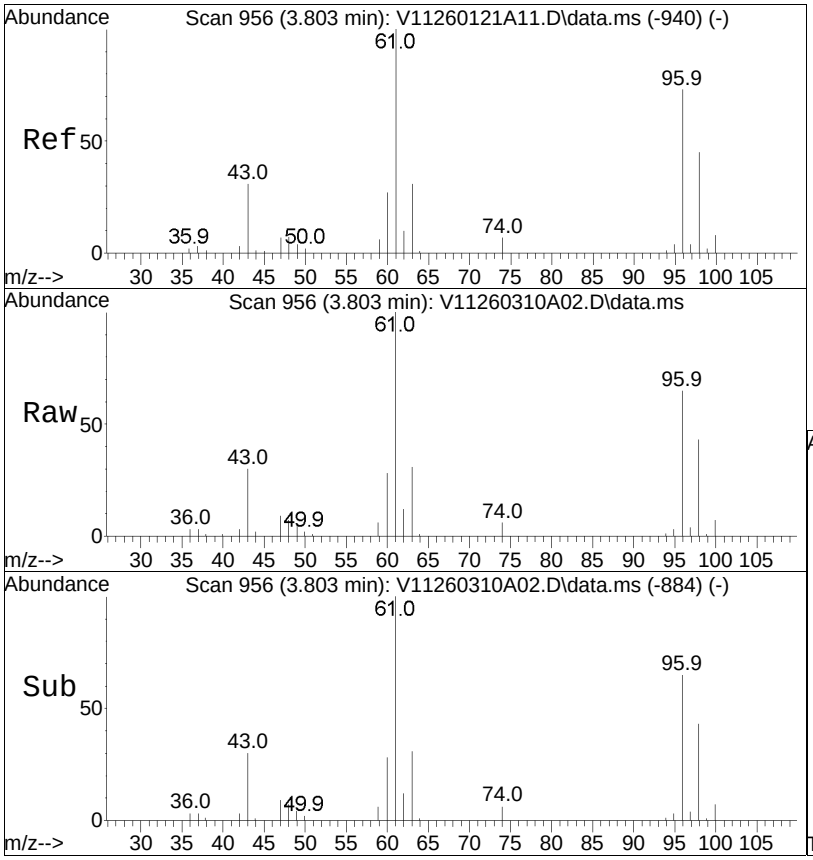


#17
Acetone
Concen: 41.72 ug/L
RT: 3.686 min Scan# 914
Delta R.T. -0.014 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 43 Resp: 23618

Ion	Ratio	Lower	Upper
43	100		
58	27.6	20.8	31.2

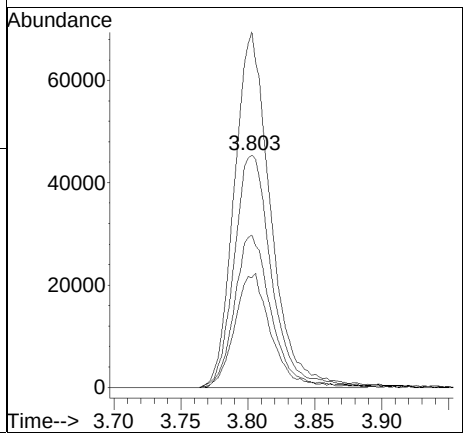


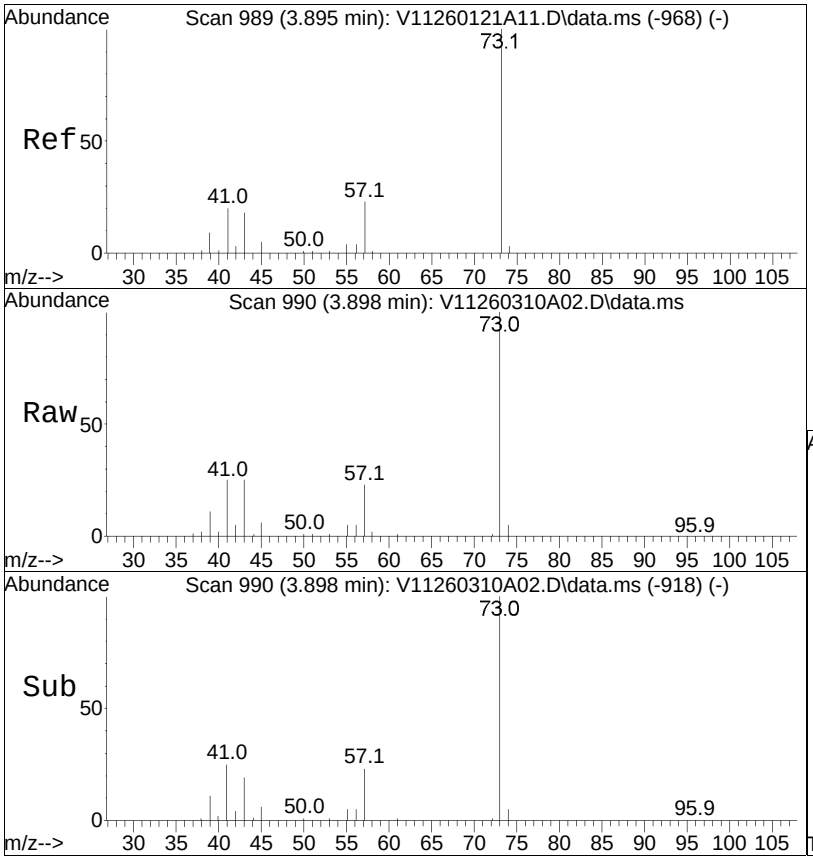


#18
trans-1,2-Dichloroethene
Concen: 42.54 ug/L
RT: 3.803 min Scan# 956
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 96 Resp: 88420

Ion	Ratio	Lower	Upper
96	100		
61	147.8	111.1	230.8
98	63.5	41.8	86.8
63	47.2	33.3	69.1

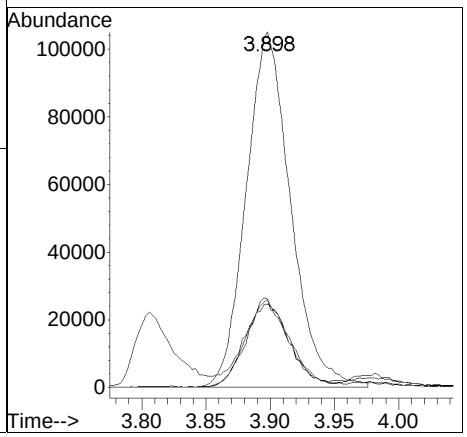


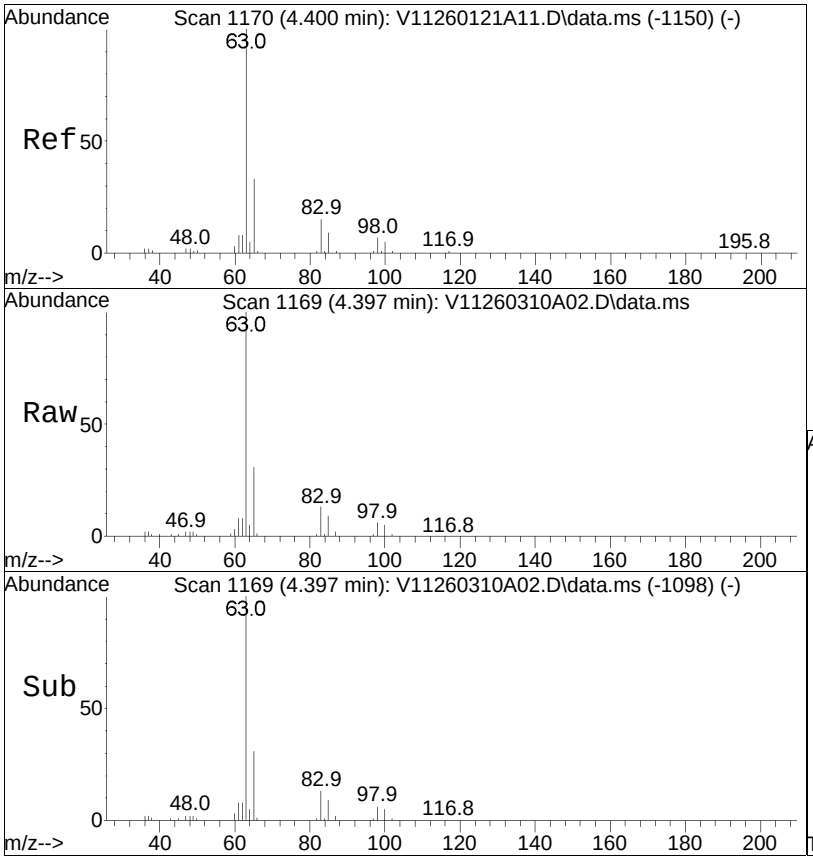


#20
Methyl tert-butyl ether
Concen: 39.55 ug/L
RT: 3.898 min Scan# 990
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 73 Resp: 253291

Ion	Ratio	Lower	Upper
73	100		
57	23.4	19.6	40.6
43	22.8	18.5	38.3
41	23.9	20.3	42.1

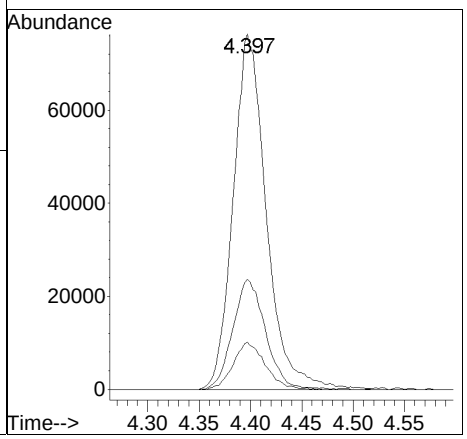


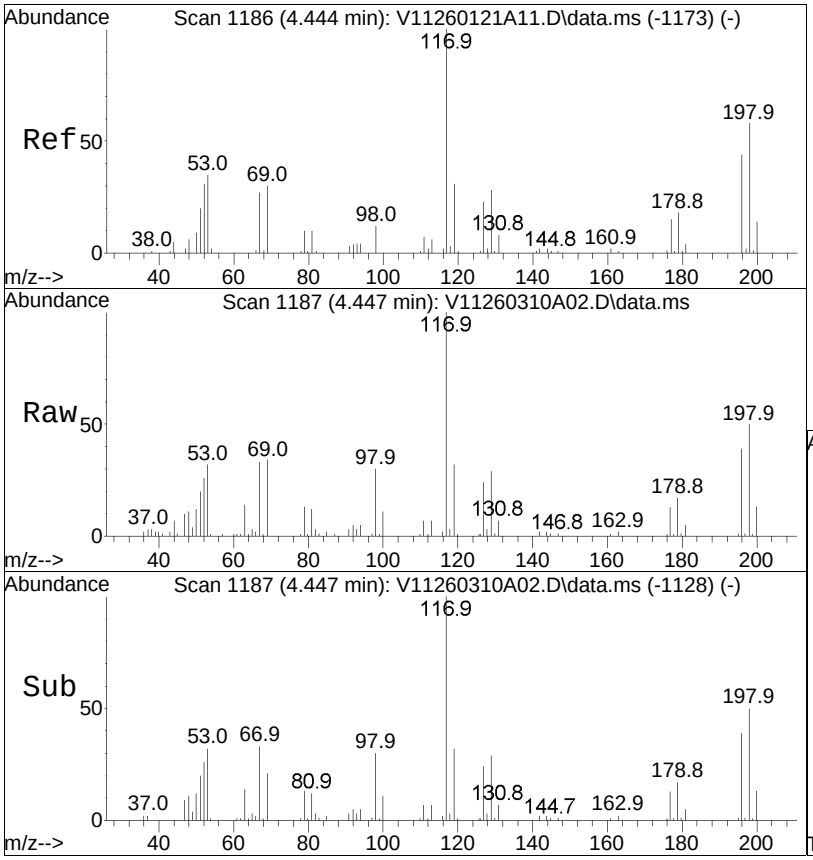


#23
1,1-Dichloroethane
Concen: 44.91 ug/L
RT: 4.397 min Scan# 1169
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 63 Resp: 171054

Ion	Ratio	Lower	Upper
63	100		
65	30.6	9.0	49.0
83	12.8	0.0	31.4

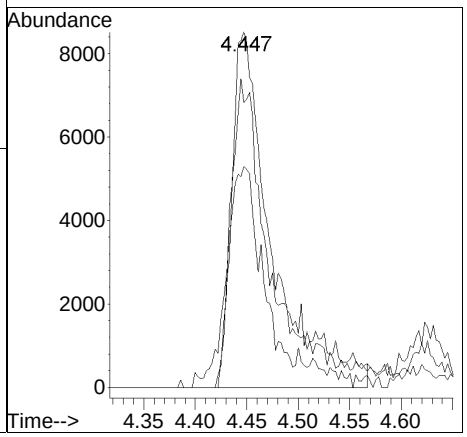


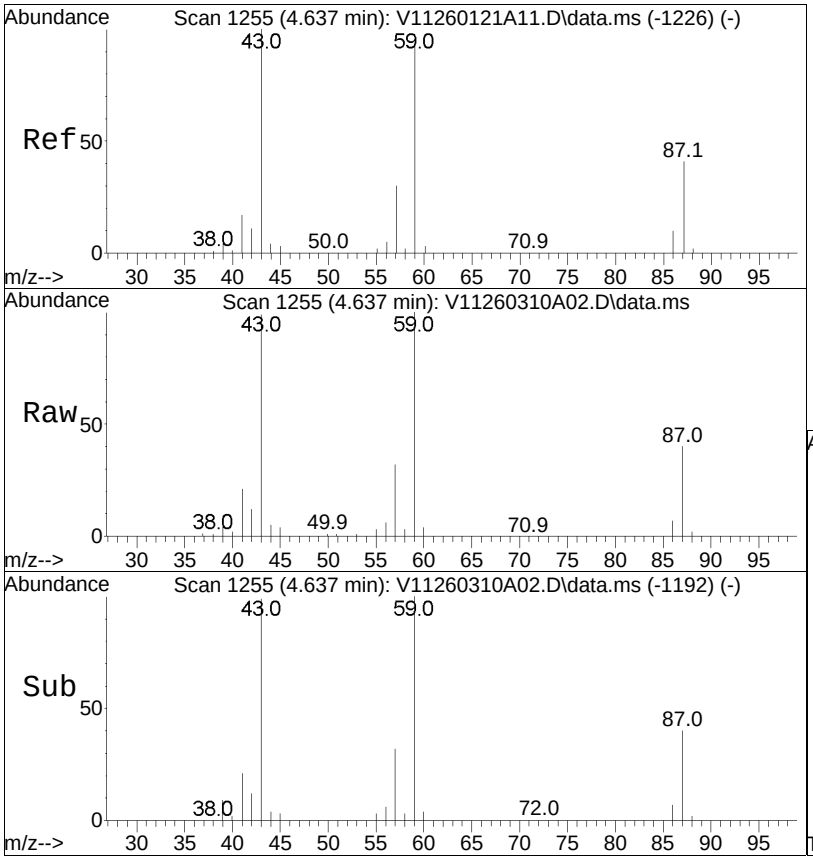


#25
Acrylonitrile
Concen: 42.10 ug/L M1
RT: 4.447 min Scan# 1187
Delta R.T. -0.036 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 53 Resp: 23456

Ion	Ratio	Lower	Upper
53	100		
52	75.4	66.9	100.3
51	49.9	42.6	63.8

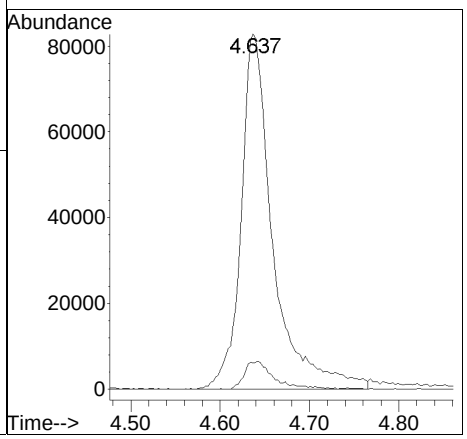


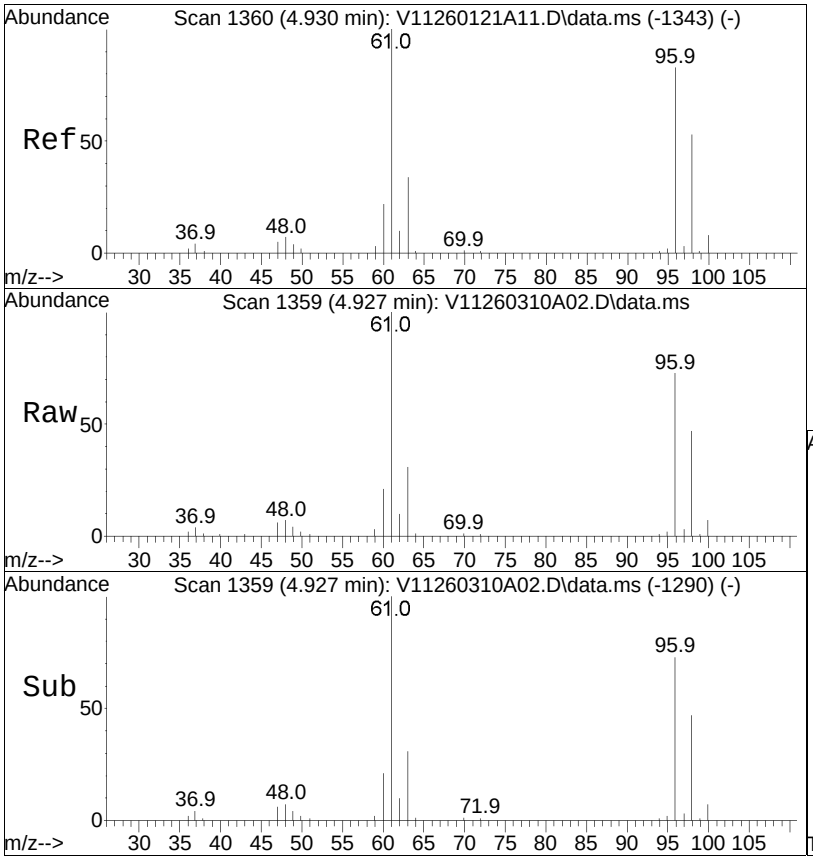


#27
Vinyl acetate
Concen: 41.60 ug/L
RT: 4.637 min Scan# 1255
Delta R.T. -0.025 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 43 Resp: 206045

Ion	Ratio	Lower	Upper
43	100		
86	7.4	4.6	6.8#

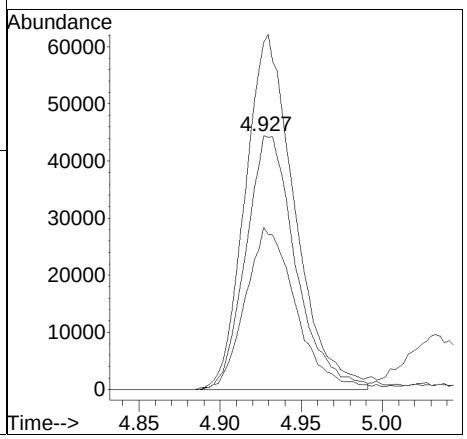


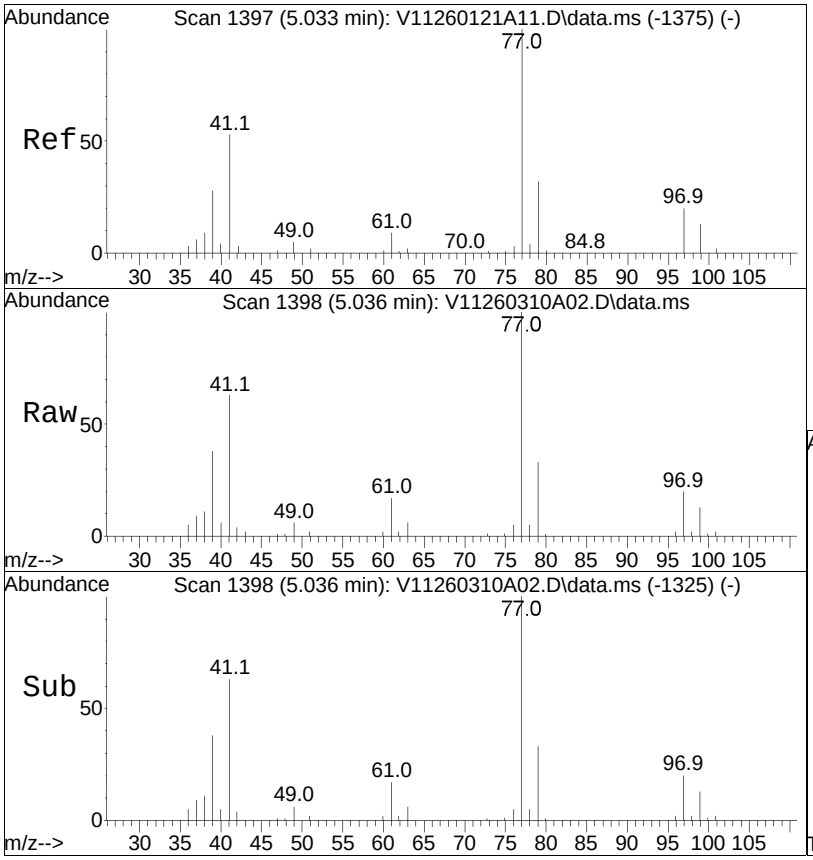


#28
cis-1,2-Dichloroethene
Concen: 40.07 ug/L
RT: 4.927 min Scan# 1359
Delta R.T. -0.008 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 96 Resp: 95096

Ion	Ratio	Lower	Upper
96	100		
61	138.4	126.3	189.5
98	64.6	51.0	76.6

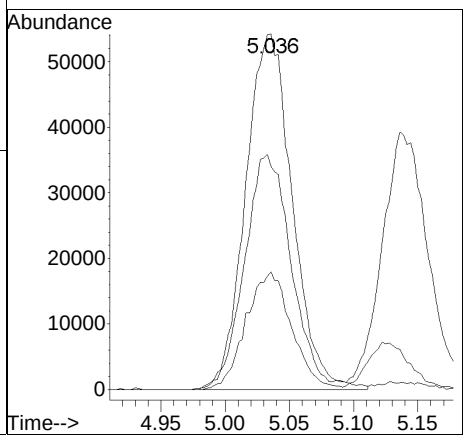


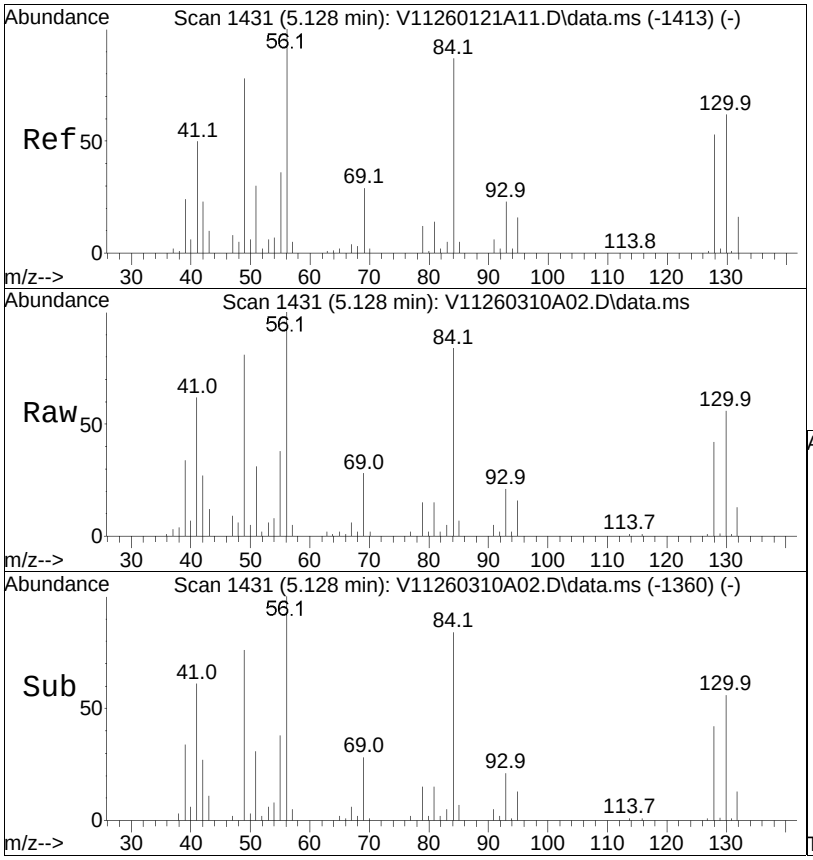


#29
2,2-Dichloropropane
Concen: 44.31 ug/L
RT: 5.036 min Scan# 1398
Delta R.T. 0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 77 Resp: 137301

Ion	Ratio	Lower	Upper
77	100		
41	65.6	45.5	94.5
79	32.3	20.9	43.3

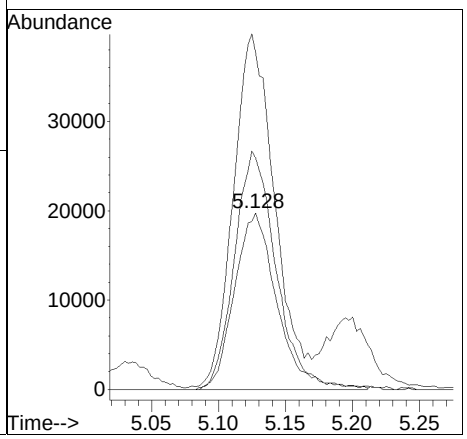


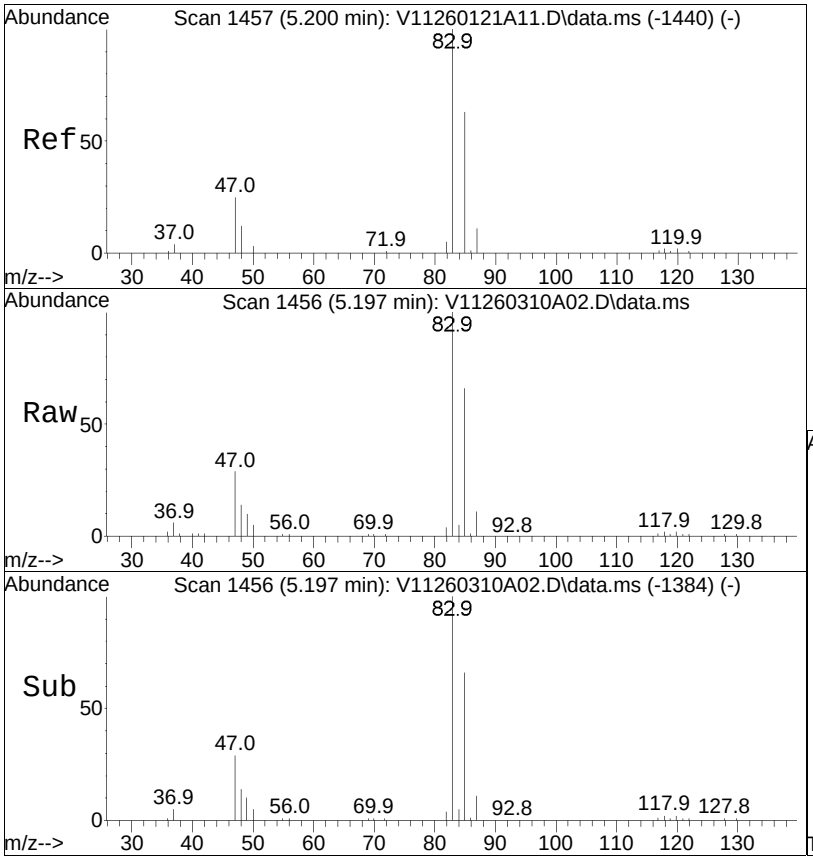


#30
Bromochloromethane
Concen: 38.75 ug/L
RT: 5.128 min Scan# 1431
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:128 Resp: 43540

Ion	Ratio	Lower	Upper
128	100		
49	195.7	201.3	301.9#
130	130.7	106.2	159.2

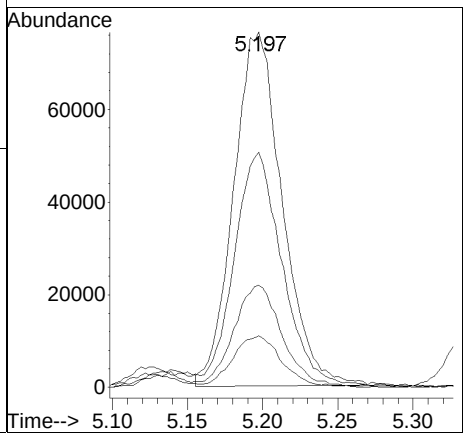


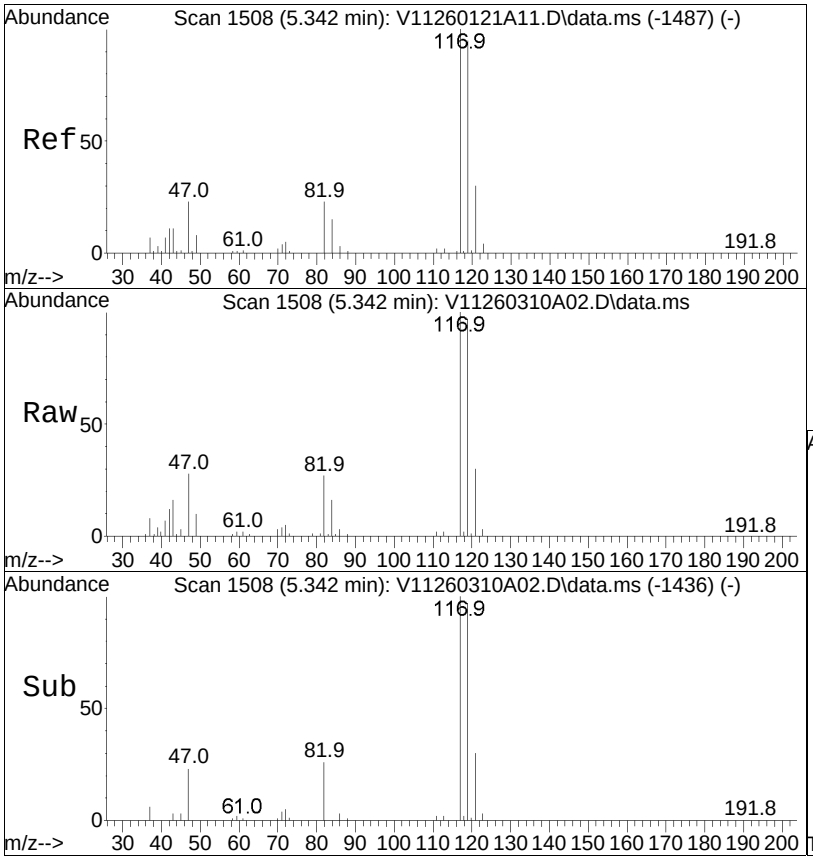


#32
Chloroform
Concen: 43.09 ug/L
RT: 5.197 min Scan# 1456
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 83 Resp: 172226

Ion	Ratio	Lower	Upper
83	100		
85	64.8	41.9	87.1
47	28.2	20.9	43.3
48	14.1	9.9	20.5

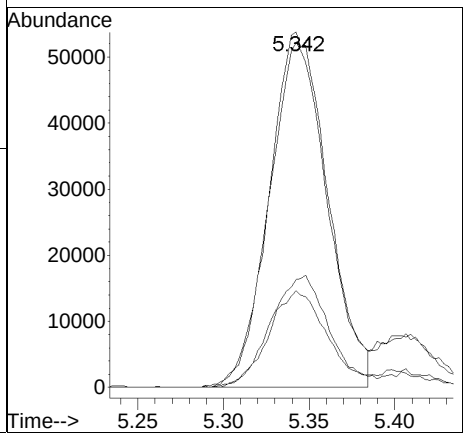


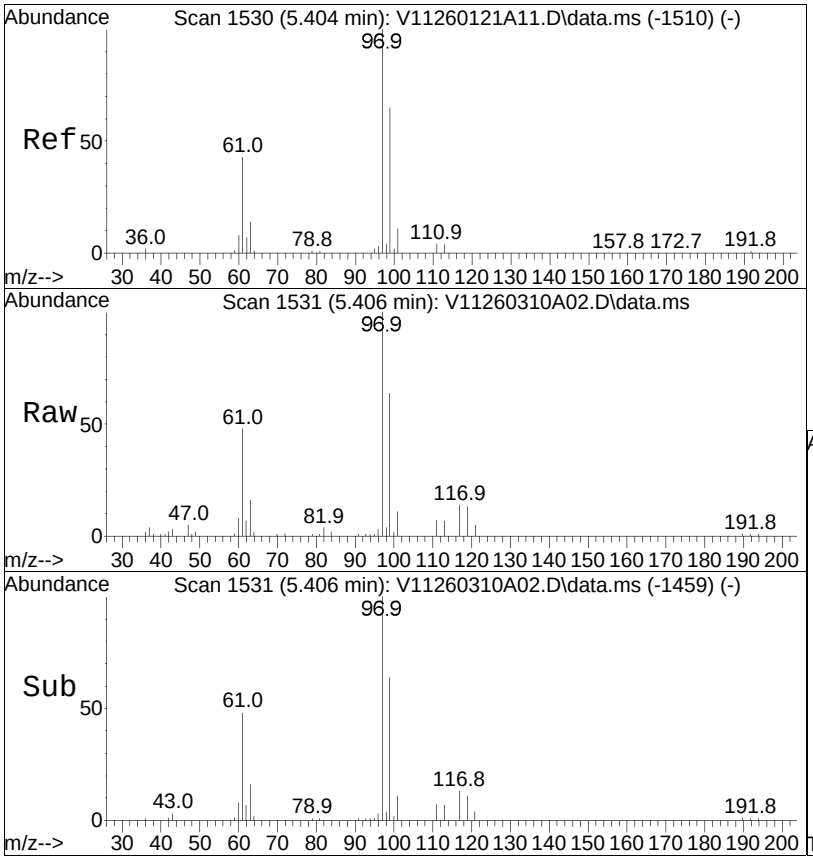


#34
Carbon tetrachloride
Concen: 44.61 ug/L
RT: 5.342 min Scan# 1508
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:117 Resp: 128340

Ion	Ratio	Lower	Upper
117	100		
119	95.9	64.0	132.8
121	31.3	20.7	42.9
82	27.5	16.3	33.8

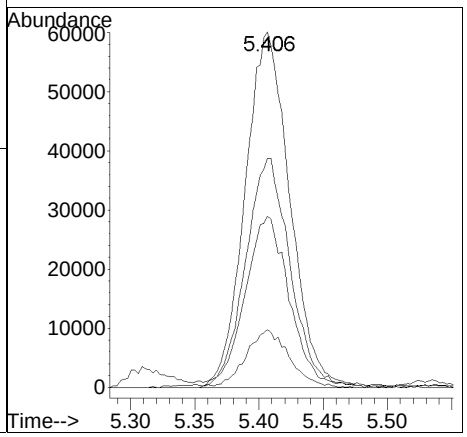


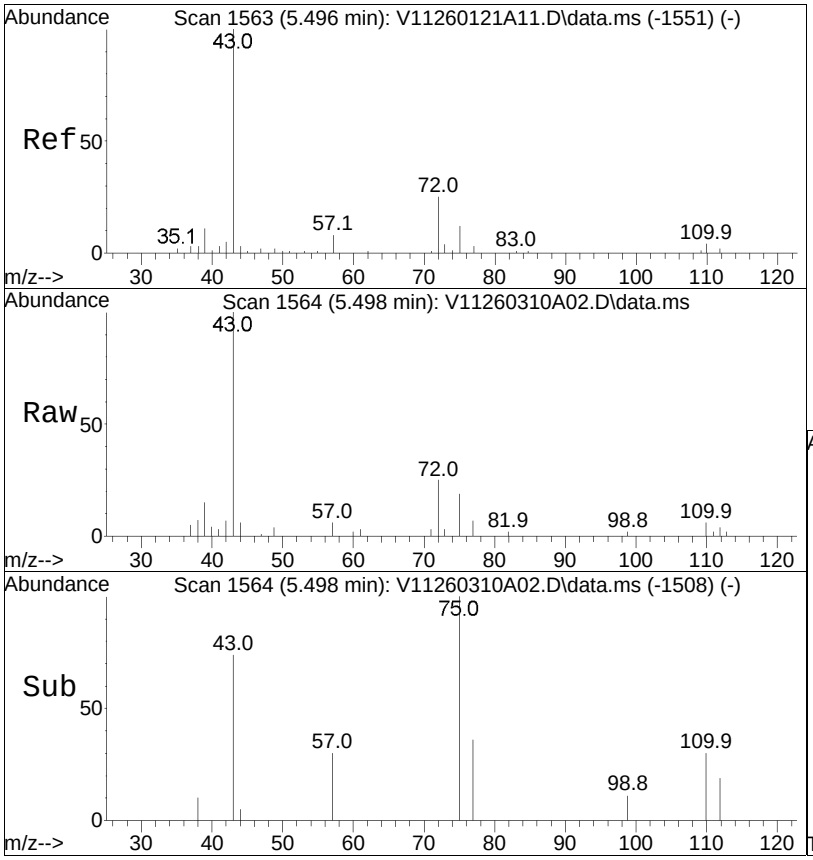


#37
1,1,1-Trichloroethane
Concen: 46.06 ug/L
RT: 5.406 min Scan# 1531
Delta R.T. 0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 97 Resp: 145995

Ion	Ratio	Lower	Upper
97	100		
99	64.0	41.5	86.1
61	47.5	32.2	67.0
63	15.5	10.1	20.9

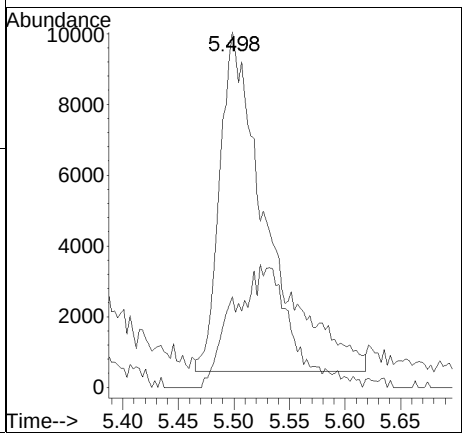


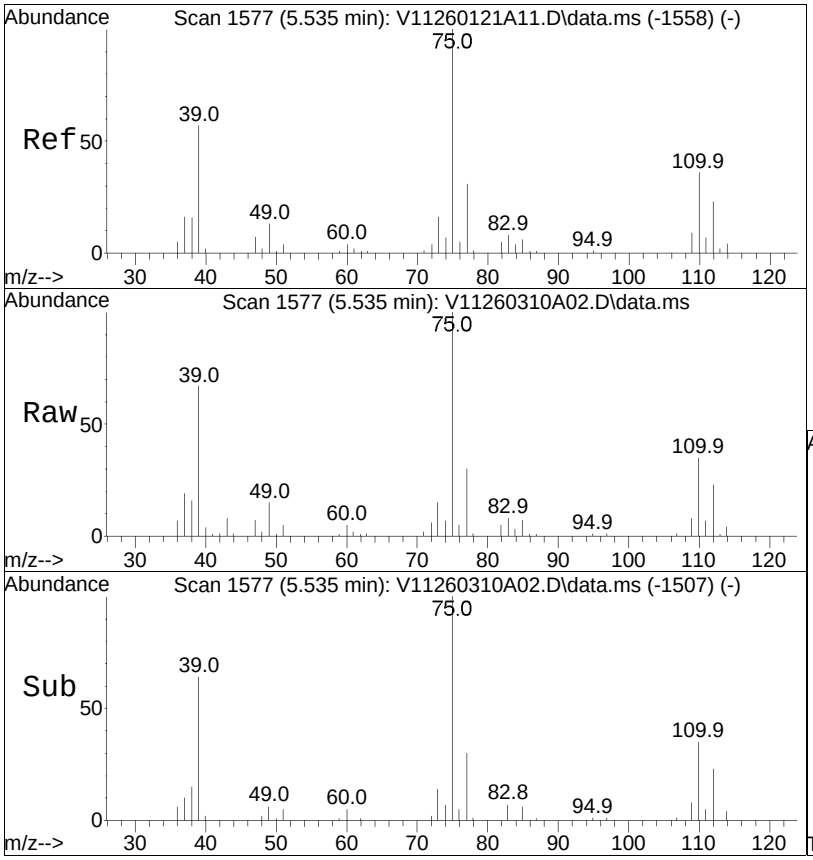


#39
2-Butanone
Concen: 45.78 ug/L M1
RT: 5.498 min Scan# 1564
Delta R.T. -0.045 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 43 Resp: 28541

Ion	Ratio	Lower	Upper
43	100		
72	8.8	21.0	31.6#

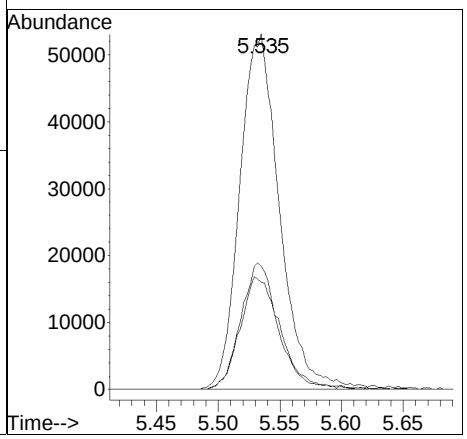


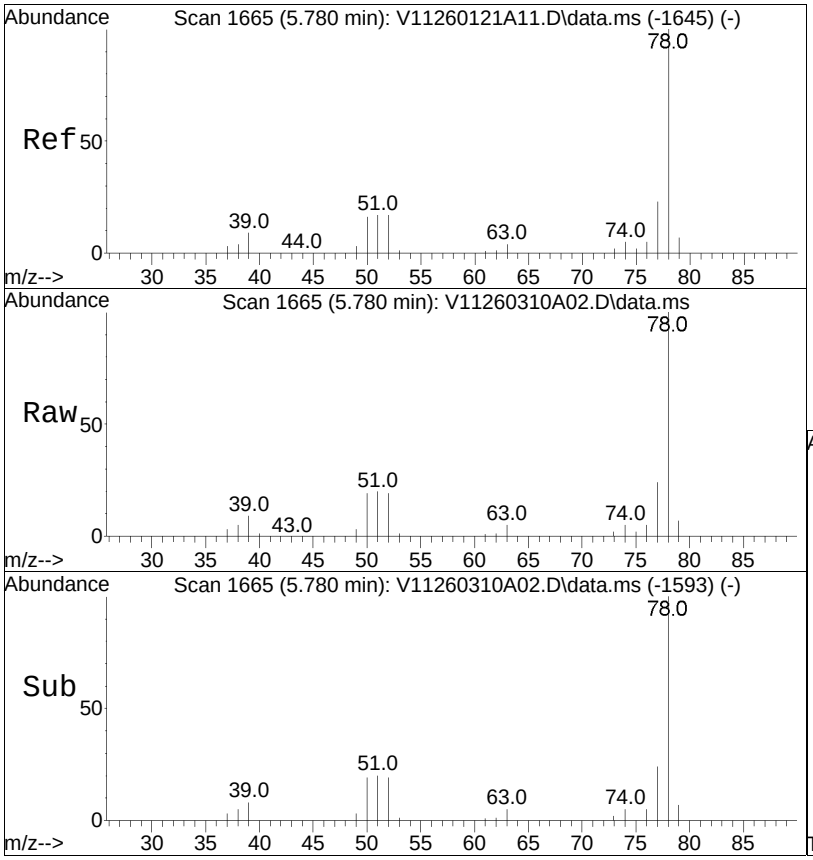


#40
1,1-Dichloropropene
Concen: 47.05 ug/L
RT: 5.535 min Scan# 1577
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 75 Resp: 119175

Ion	Ratio	Lower	Upper
75	100		
110	34.6	23.6	49.0
77	31.2	20.2	41.9

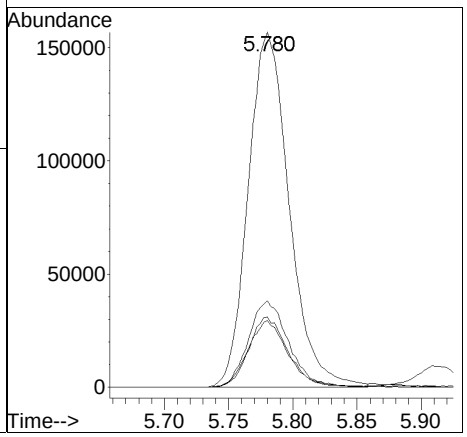


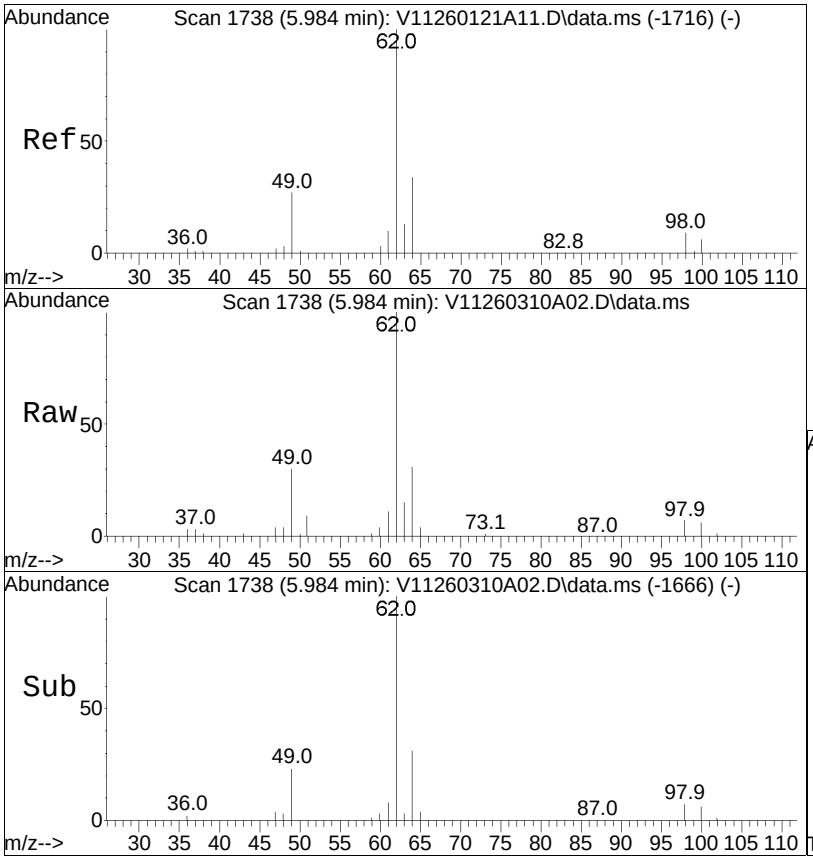


#41
Benzene
Concen: 42.25 ug/L
RT: 5.780 min Scan# 1665
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 78 Resp: 348325

Ion	Ratio	Lower	Upper
78	100		
77	24.1	15.1	31.3
51	19.3	15.8	32.8
52	18.1	15.6	32.4

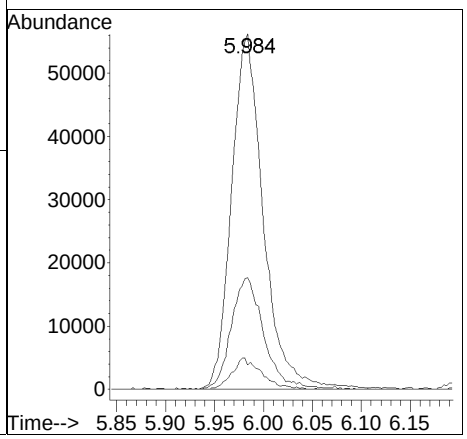


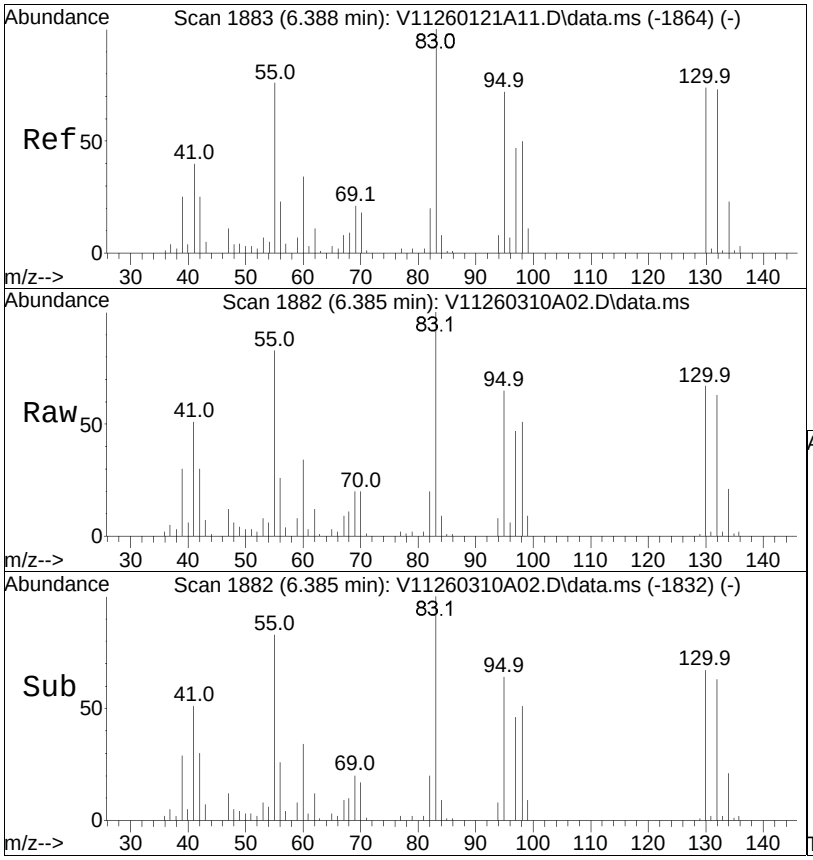


#44
1,2-Dichloroethane
Concen: 44.96 ug/L
RT: 5.984 min Scan# 1738
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 62 Resp: 127178

Ion	Ratio	Lower	Upper
62	100		
64	32.3	11.1	51.1
98	8.2	0.0	28.0

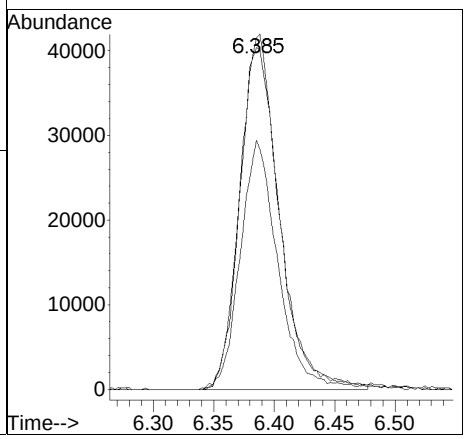


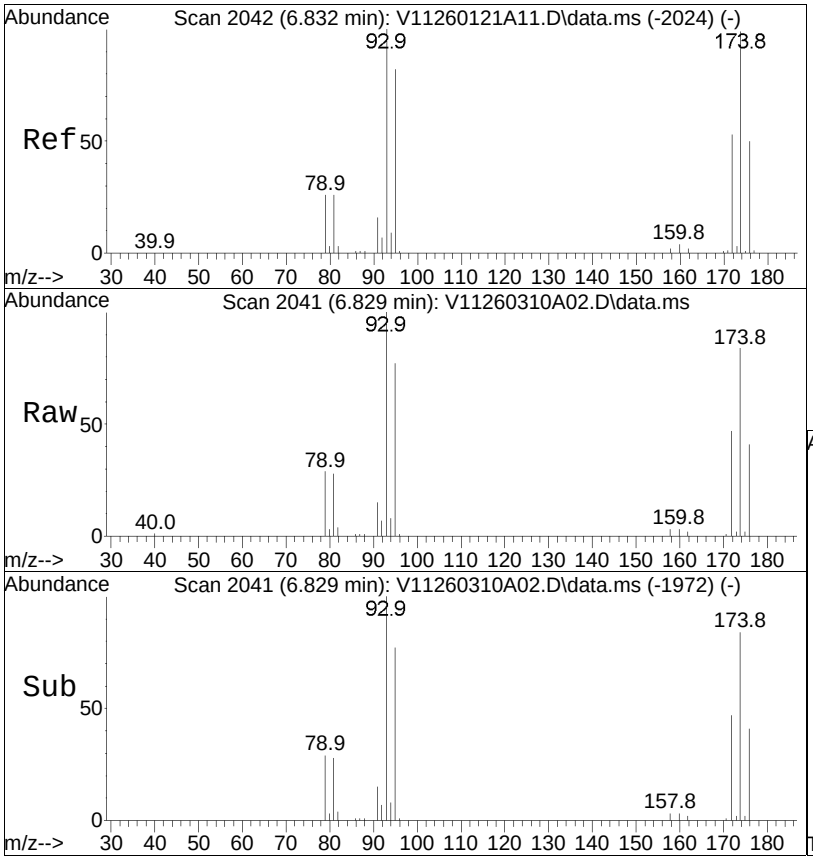


#48
Trichloroethene
Concen: 42.32 ug/L
RT: 6.385 min Scan# 1882
Delta R.T. -0.011 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 95 Resp: 94200

Ion	Ratio	Lower	Upper
95	100		
97	67.8	54.3	81.5
130	98.5	84.6	126.8

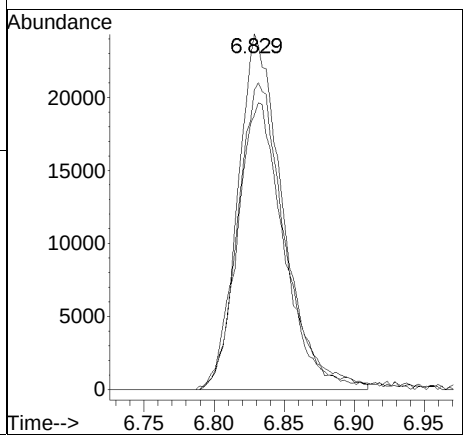


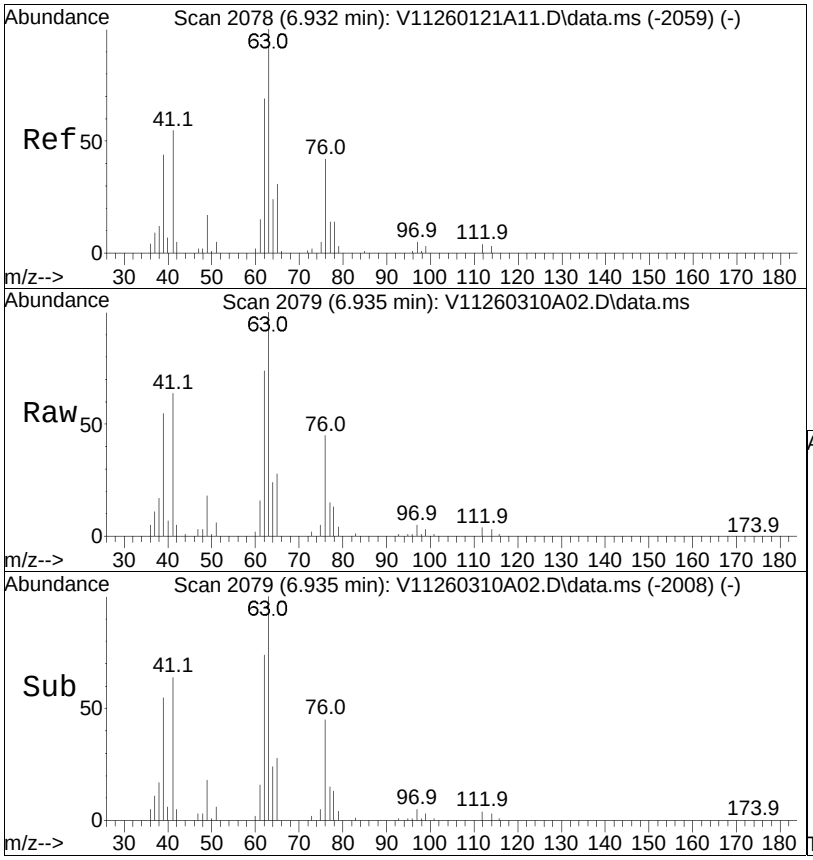


#50
Dibromomethane
Concen: 39.89 ug/L
RT: 6.829 min Scan# 2041
Delta R.T. -0.008 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 93 Resp: 54734

Ion	Ratio	Lower	Upper
93	100		
95	81.8	65.7	98.5
174	87.5	80.2	120.4

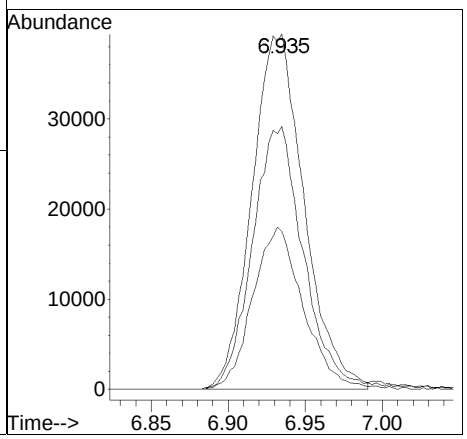


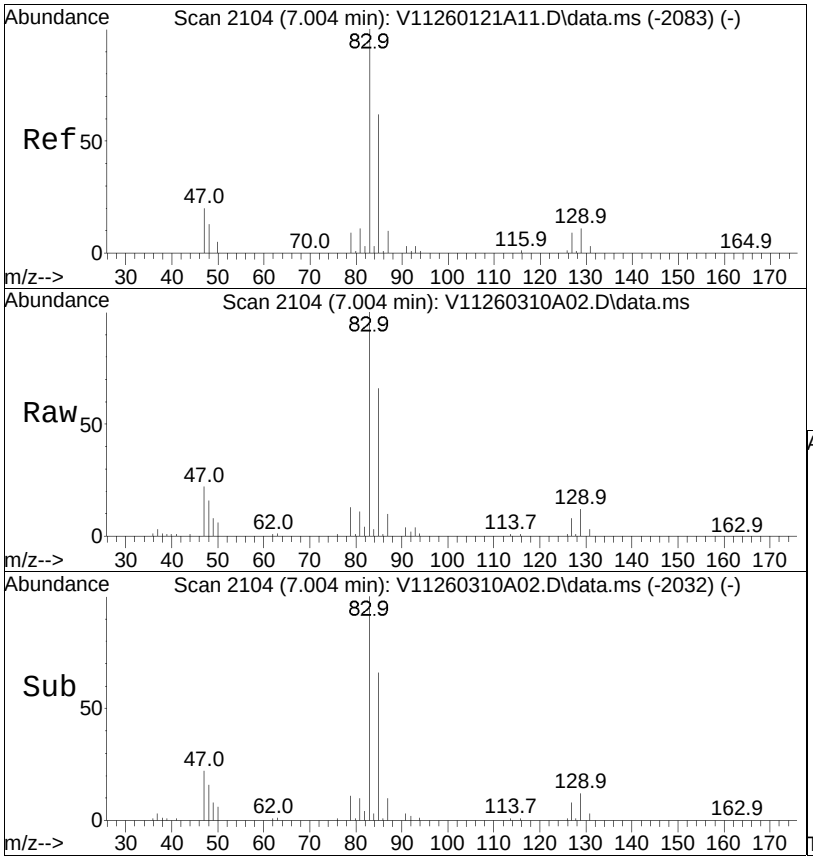


#51
1,2-Dichloropropane
Concen: 42.11 ug/L
RT: 6.935 min Scan# 2079
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 63 Resp: 93061

Ion	Ratio	Lower	Upper
63	100		
62	72.9	57.9	86.9
76	44.4	30.1	45.1

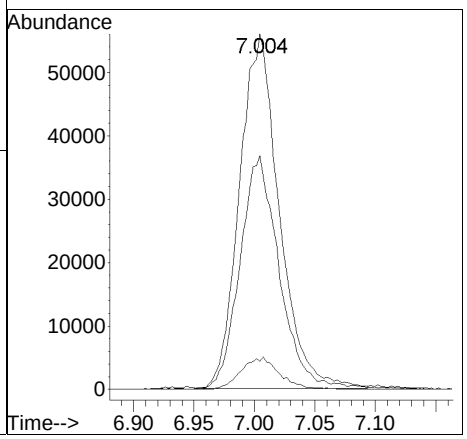


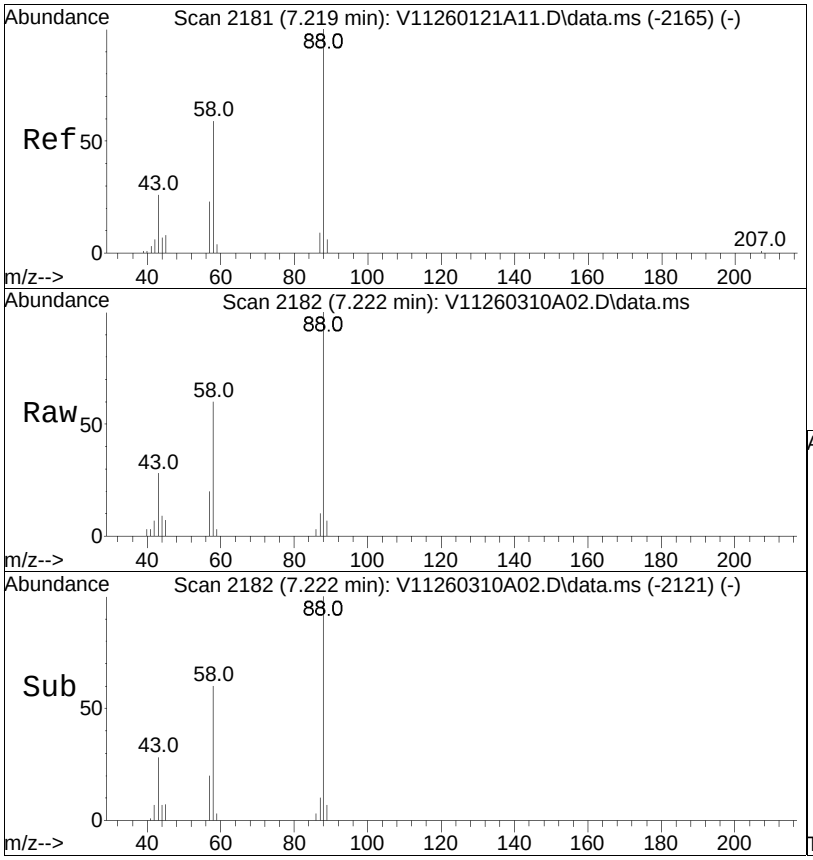


#54
Bromodichloromethane
Concen: 41.38 ug/L
RT: 7.004 min Scan# 2104
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 83 Resp: 127924

Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.6	77.4
127	8.8	7.1	10.7

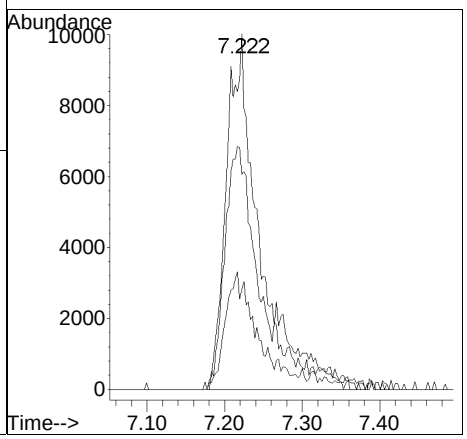


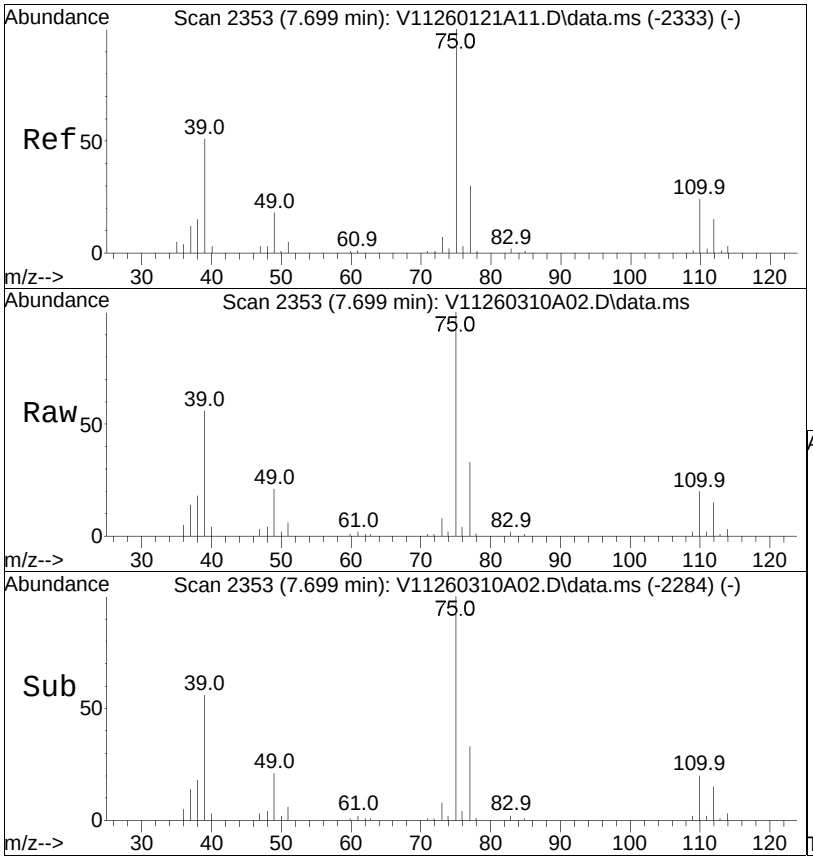


#57
1,4-Dioxane
Concen: 2134.92 ug/L M3
RT: 7.222 min Scan# 2182
Delta R.T. -0.031 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 88 Resp: 30614

Ion	Ratio	Lower	Upper
88	100		
58	59.4	75.4	113.0#
43	26.3	33.5	50.3#

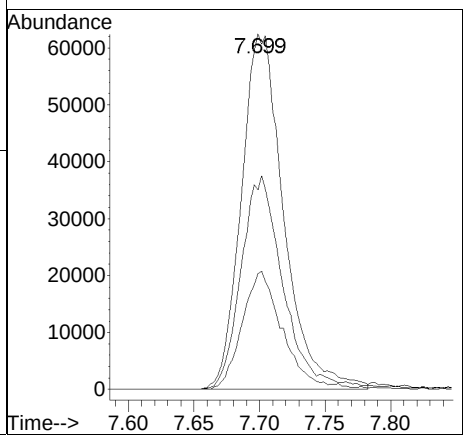


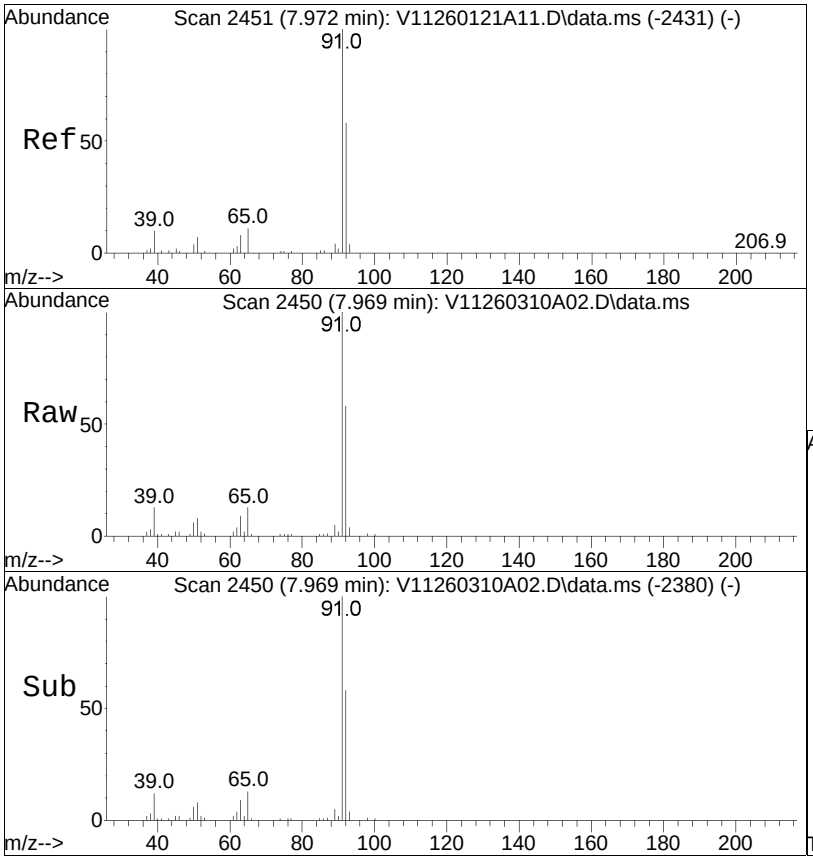


#58
cis-1,3-Dichloropropene
Concen: 39.95 ug/L
RT: 7.699 min Scan# 2353
Delta R.T. -0.008 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 75 Resp: 141248

Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.9	37.3
39	59.6	51.8	77.8

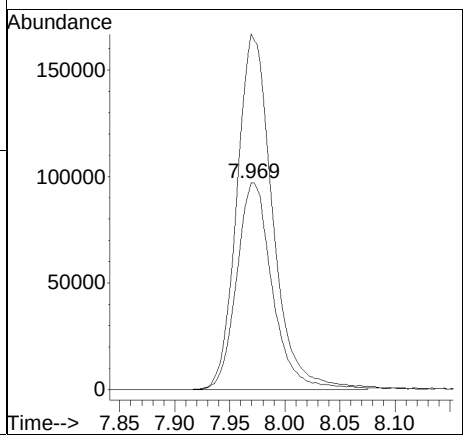


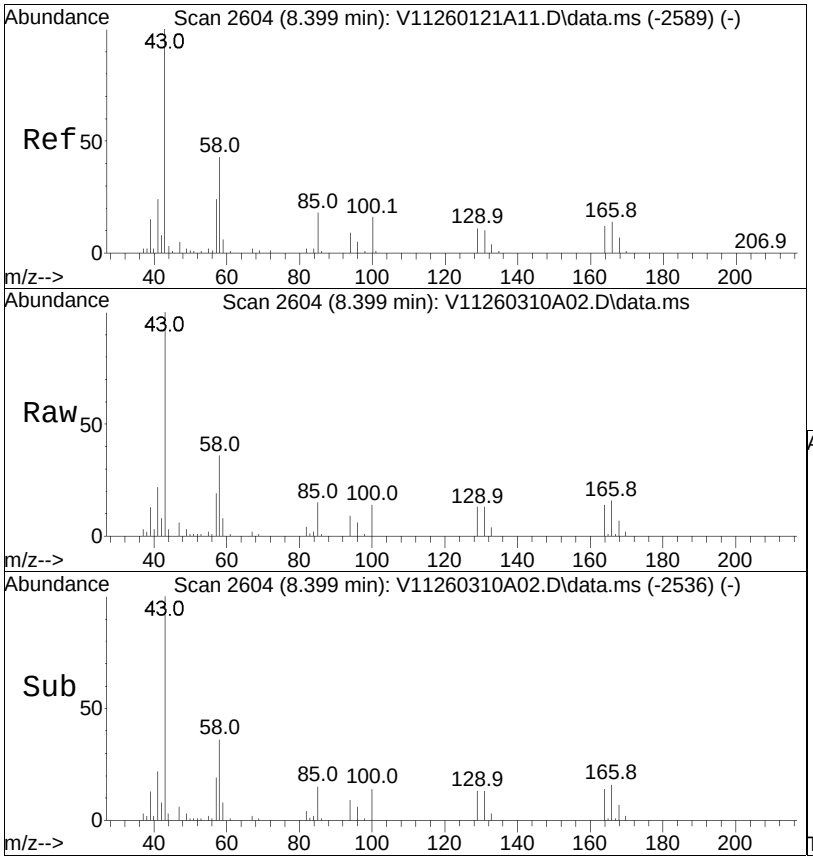


#61
Toluene
Concen: 41.69 ug/L
RT: 7.969 min Scan# 2450
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 92 Resp: 219059

Ion	Ratio	Lower	Upper
92	100		
91	172.1	133.7	200.5

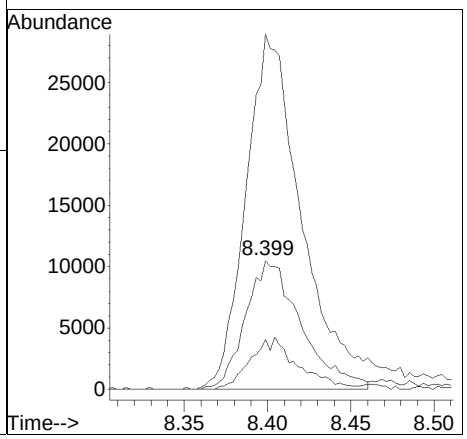


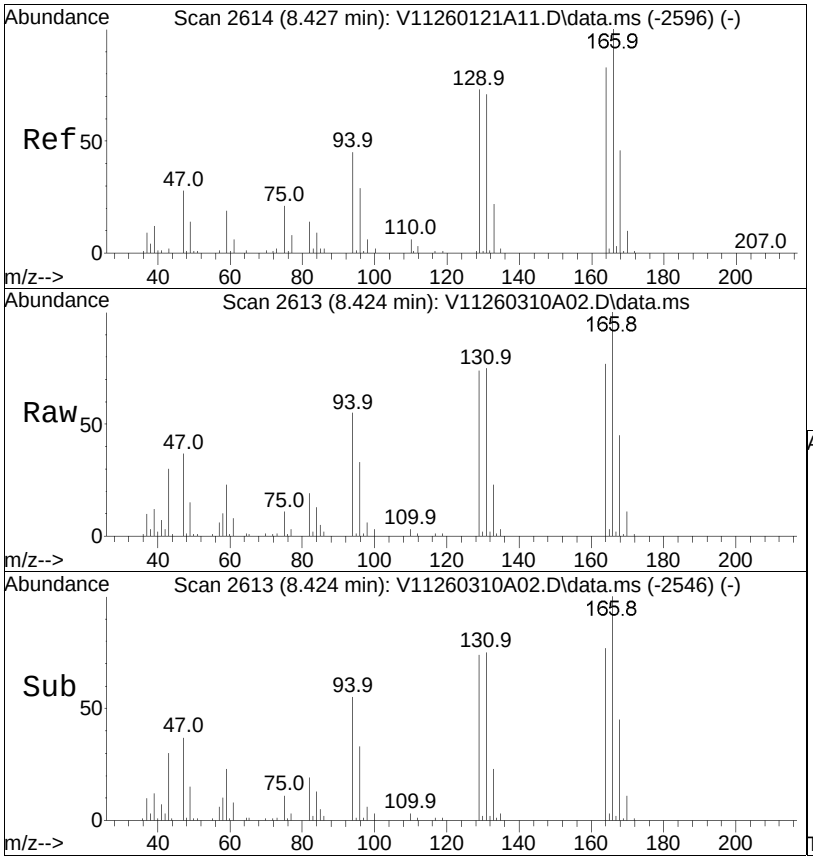


#62
4-Methyl-2-pentanone
Concen: 37.18 ug/L
RT: 8.399 min Scan# 2604
Delta R.T. -0.011 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 58 Resp: 24472

Ion	Ratio	Lower	Upper
58	100		
100	15.4	22.0	33.0#
43	286.3	236.9	355.3

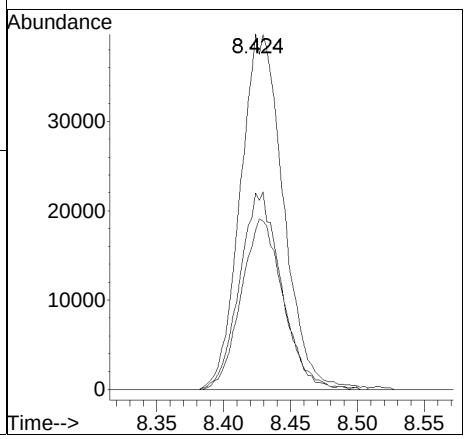


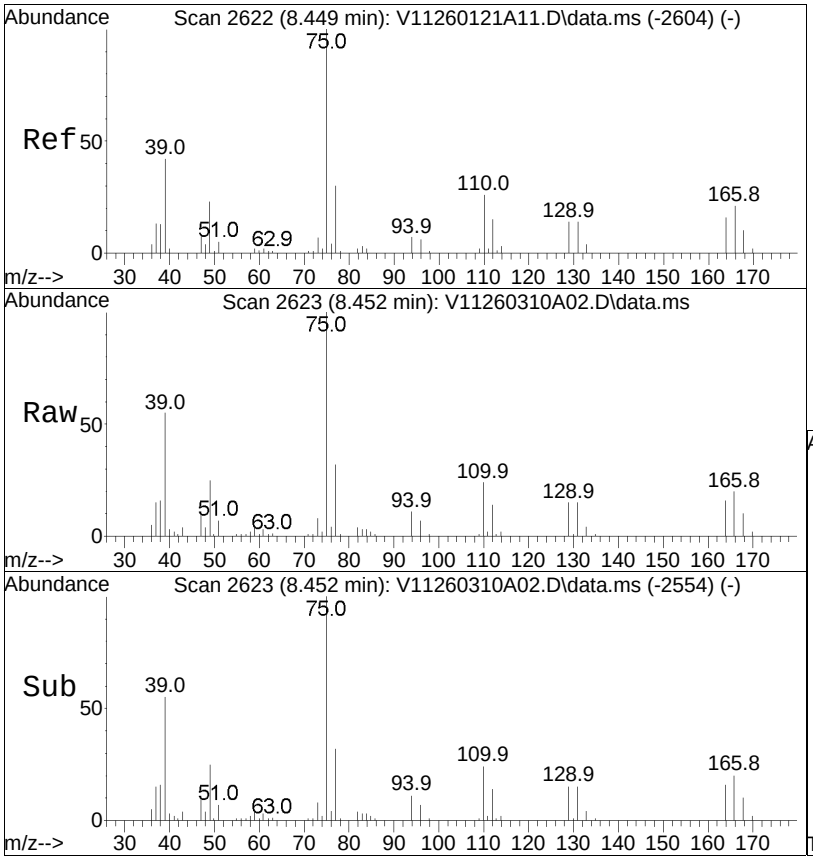


#63
Tetrachloroethene
Concen: 42.15 ug/L
RT: 8.424 min Scan# 2613
Delta R.T. -0.014 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:166 Resp: 88867

Ion	Ratio	Lower	Upper
166	100		
168	46.9	28.2	68.2
94	53.9	26.3	66.3

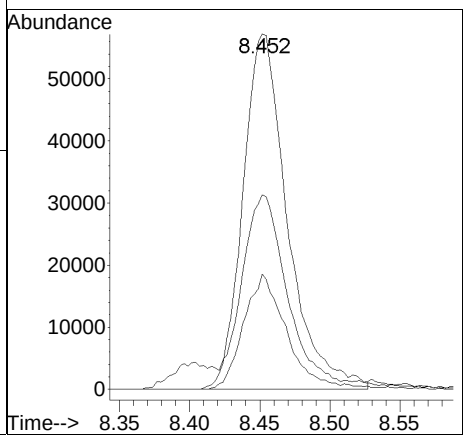


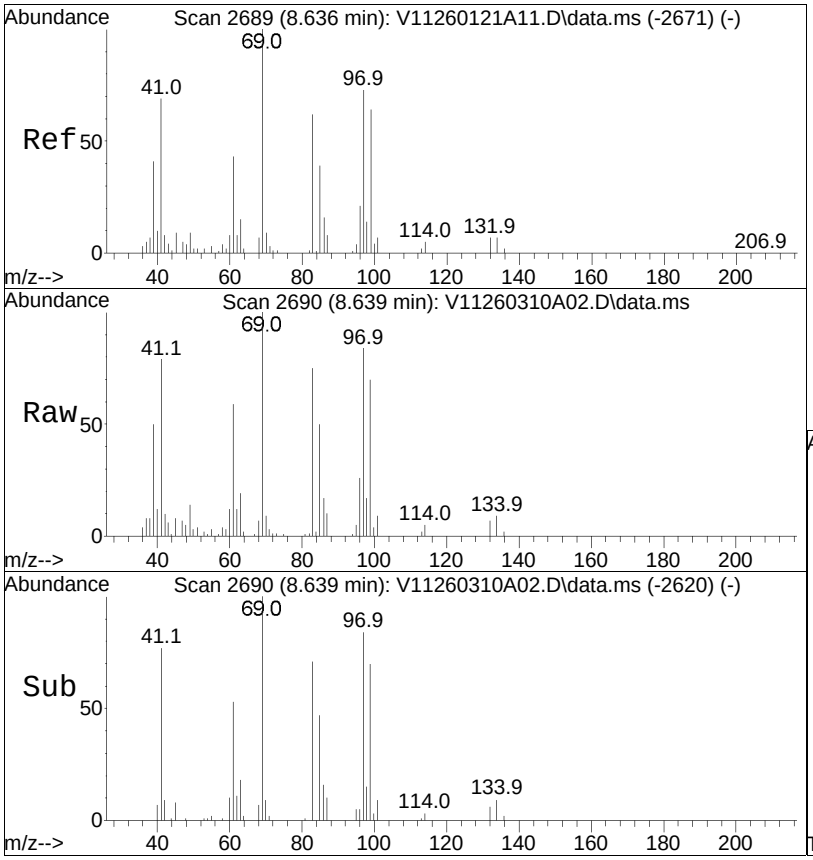


#65
trans-1,3-Dichloropropene
Concen: 40.43 ug/L
RT: 8.452 min Scan# 2623
Delta R.T. -0.008 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 75 Resp: 126793

Ion	Ratio	Lower	Upper
75	100		
77	30.7	11.4	51.4
39	52.1	50.3	90.3

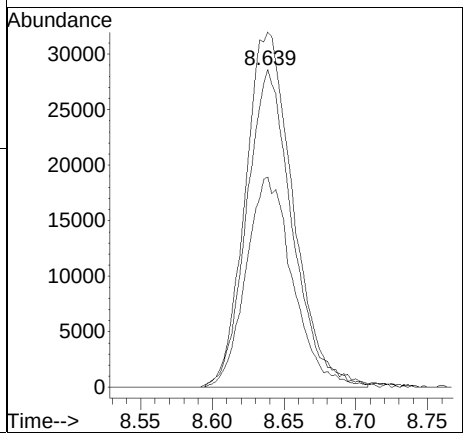


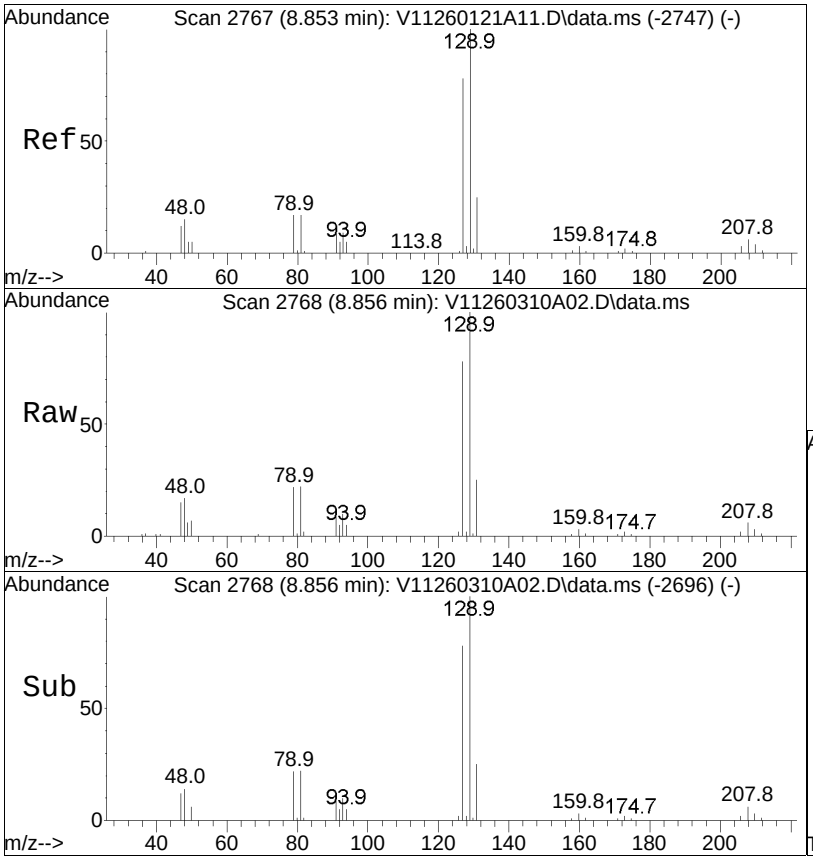


#68
1,1,2-Trichloroethane
Concen: 40.23 ug/L
RT: 8.639 min Scan# 2690
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 83 Resp: 63552

Ion	Ratio	Lower	Upper
83	100		
97	117.6	97.6	137.6
85	68.0	46.8	86.8

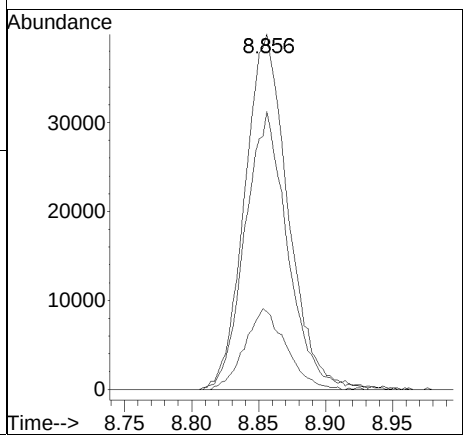


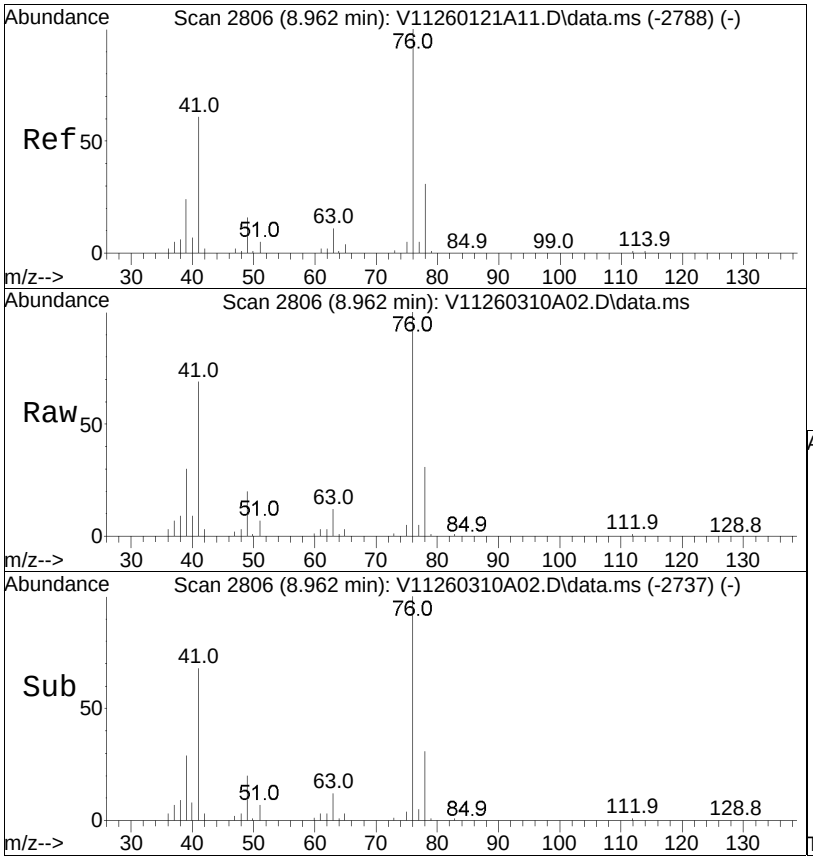


#69
Chlorodibromomethane
Concen: 38.64 ug/L
RT: 8.856 min Scan# 2768
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:129 Resp: 89562

Ion	Ratio	Lower	Upper
129	100		
81	21.8	0.0	36.0
127	77.2	56.0	96.0

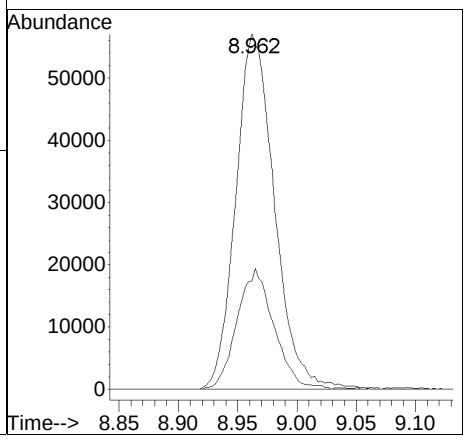


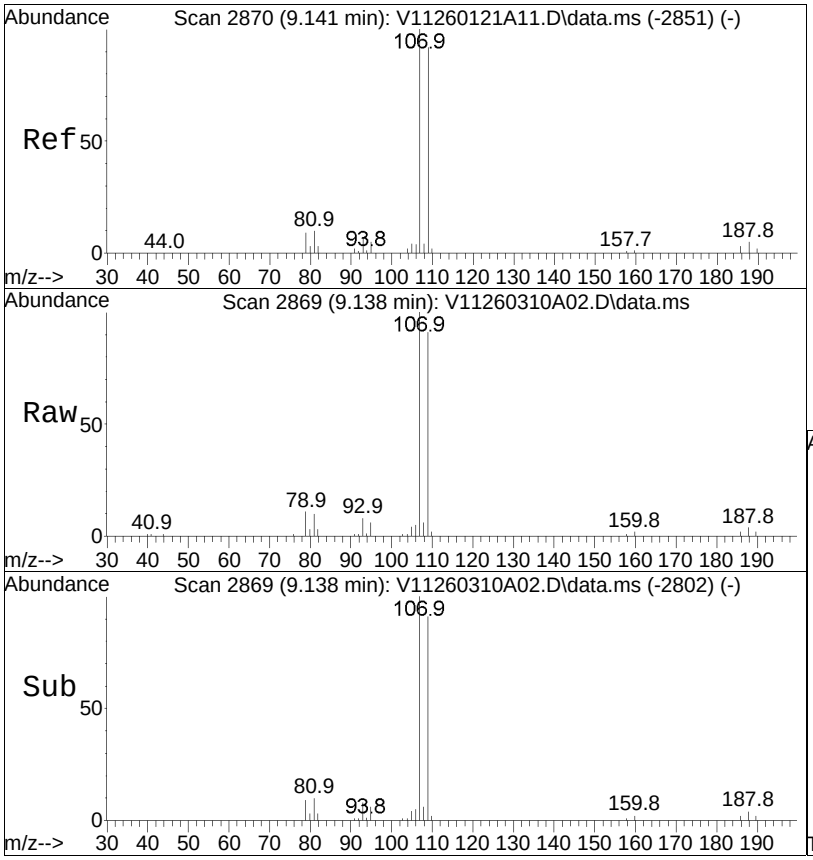


#70
1,3-Dichloropropane
Concen: 41.56 ug/L
RT: 8.962 min Scan# 2806
Delta R.T. -0.008 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 76 Resp: 129962

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

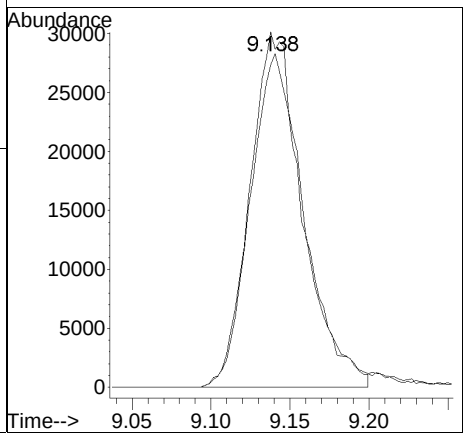


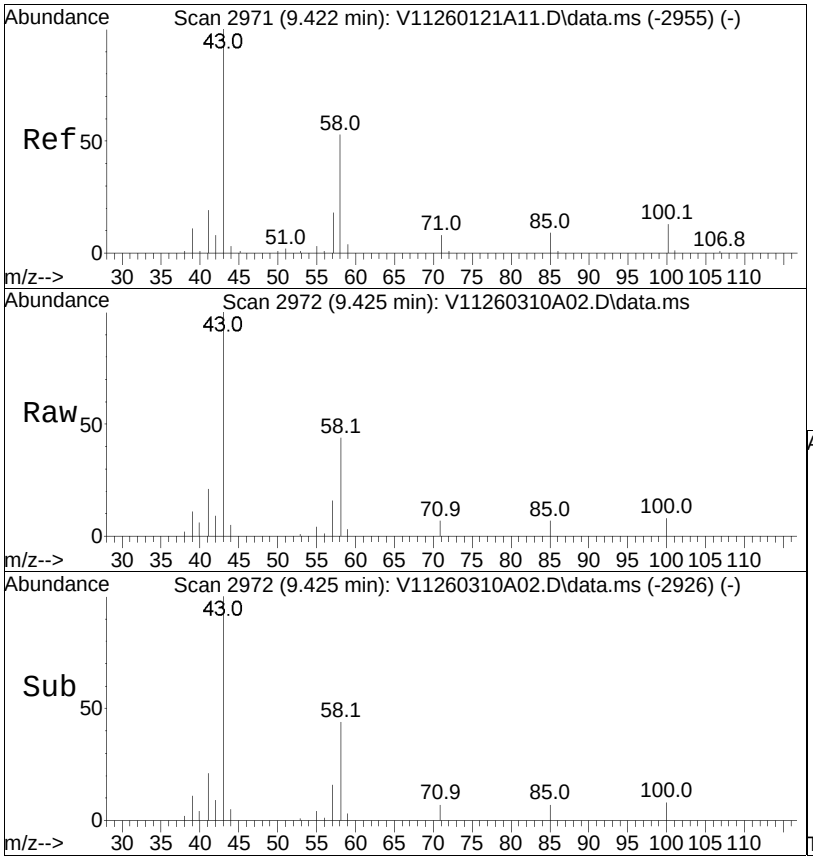


#71
1,2-Dibromoethane
Concen: 40.27 ug/L
RT: 9.138 min Scan# 2869
Delta R.T. -0.014 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:107 Resp: 70899

Ion	Ratio	Lower	Upper
107	100		
109	93.6	76.2	114.4

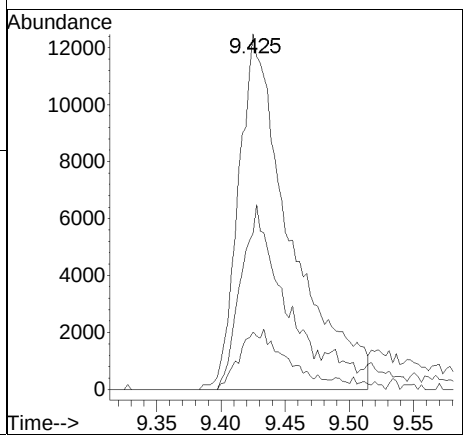


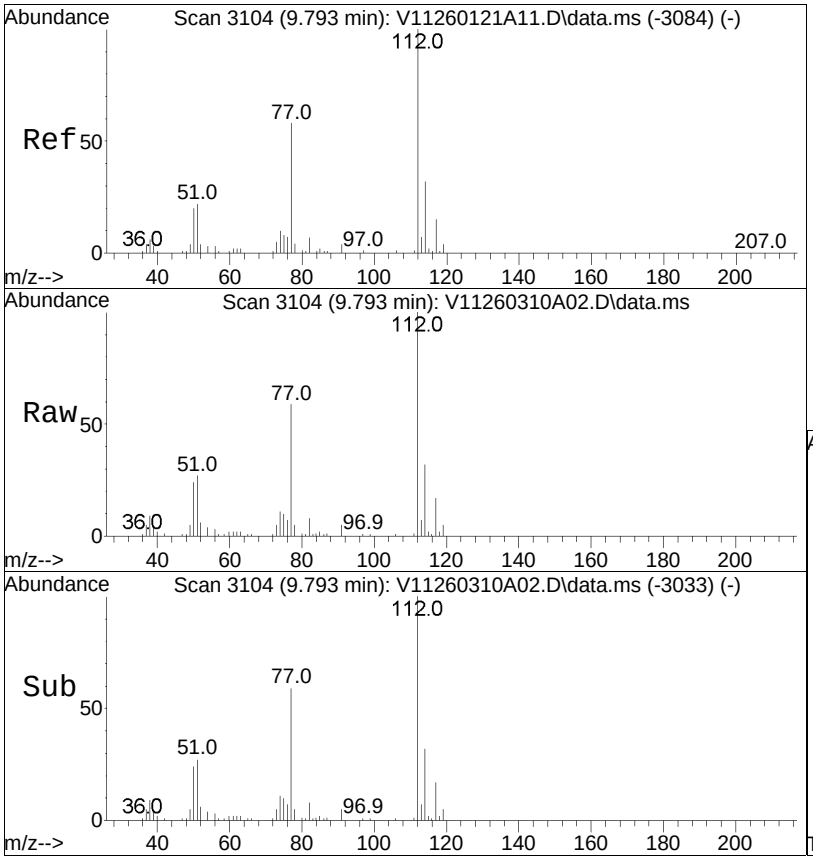


#72
2-Hexanone
Concen: 36.56 ug/L
RT: 9.425 min Scan# 2972
Delta R.T. -0.073 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 43 Resp: 35074

Ion	Ratio	Lower	Upper
43	100		
58	42.5	37.9	56.9
57	14.5	12.6	19.0

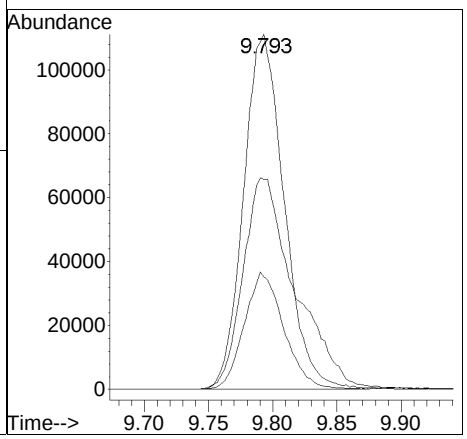


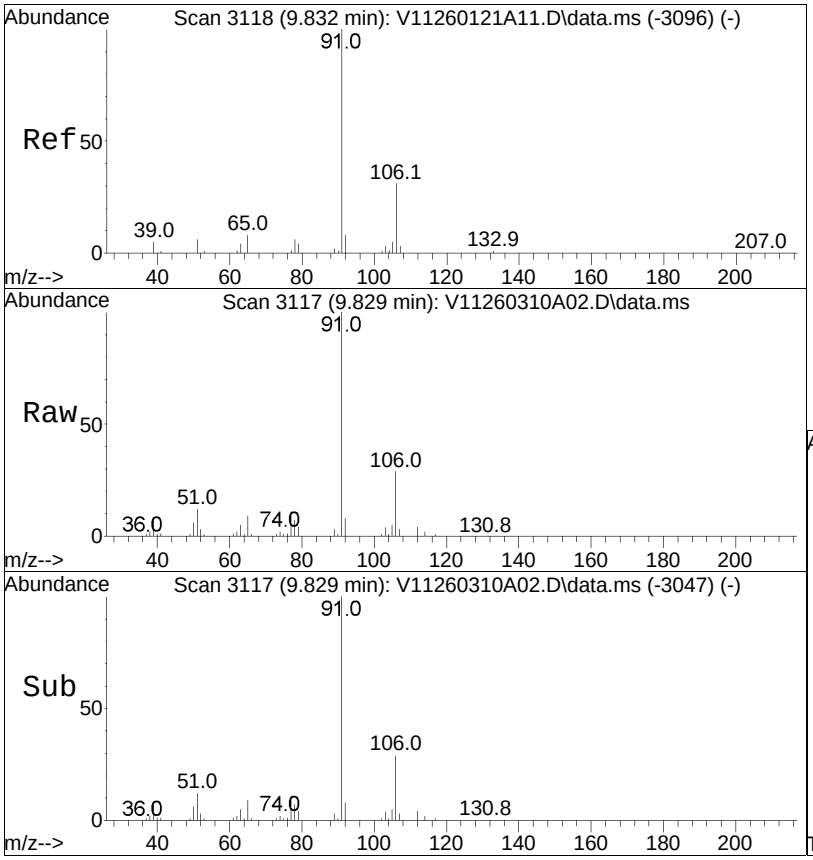


#73
Chlorobenzene
Concen: 40.46 ug/L
RT: 9.793 min Scan# 3104
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:112 Resp: 244769

Ion	Ratio	Lower	Upper
112	100		
77	76.4	47.0	70.4#
114	32.1	25.9	38.9

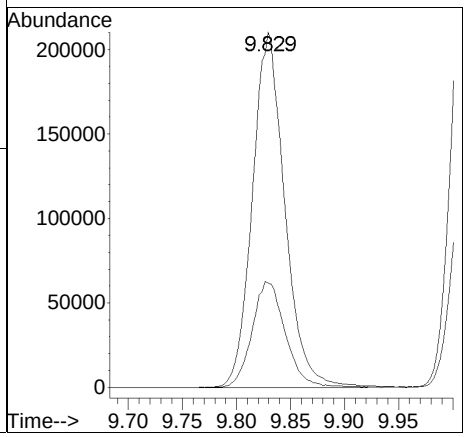


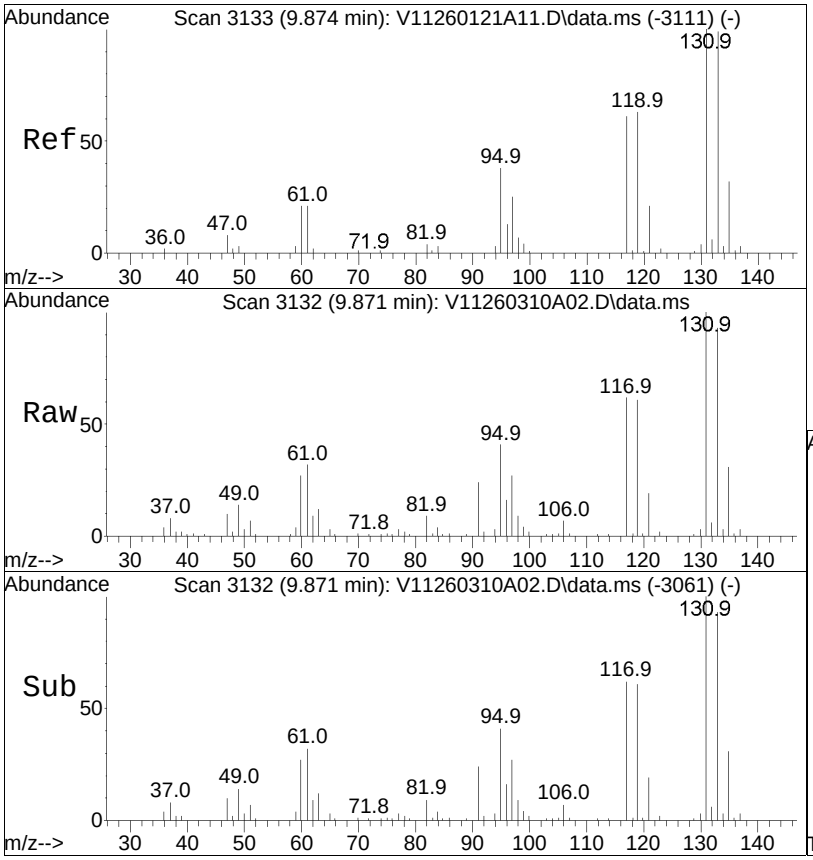


#74
Ethylbenzene
Concen: 43.25 ug/L
RT: 9.829 min Scan# 3117
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 91 Resp: 437170

Ion	Ratio	Lower	Upper
91	100		
106	30.6	25.0	37.4

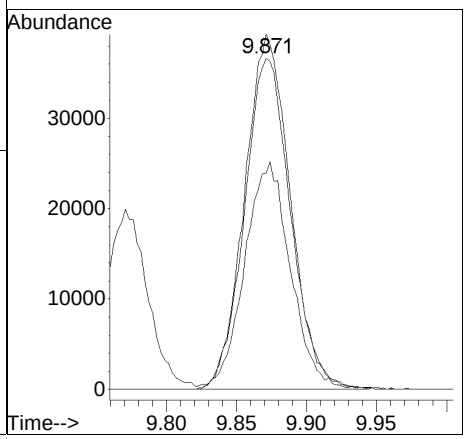


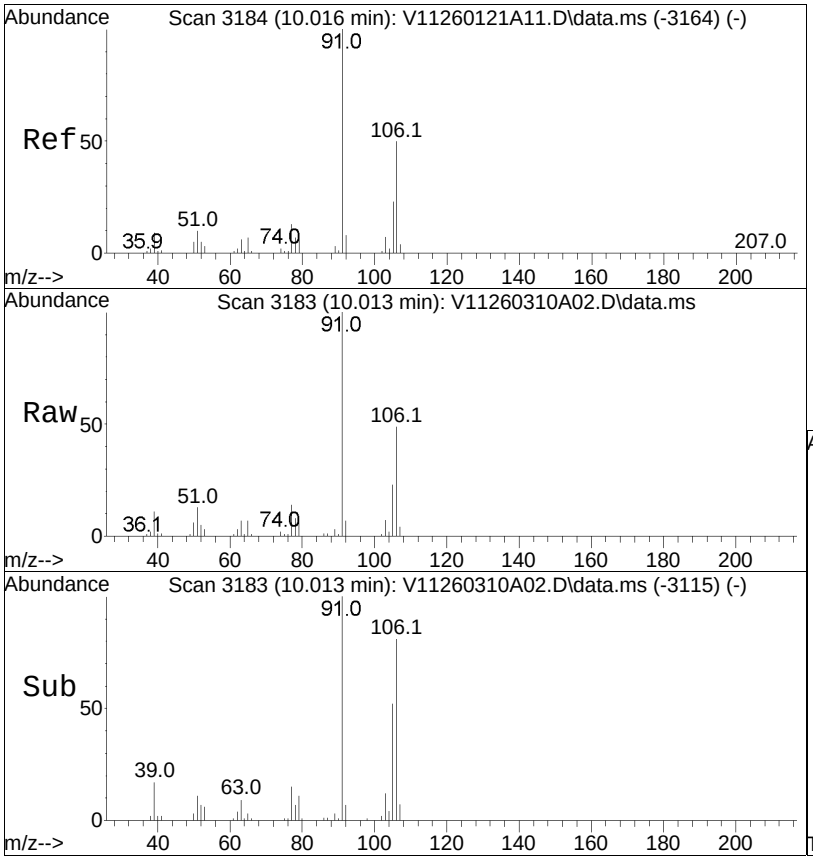


#75
1,1,1,2-Tetrachloroethane
Concen: 38.68 ug/L
RT: 9.871 min Scan# 3132
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:131 Resp: 89358

Ion	Ratio	Lower	Upper
131	100		
133	94.3	75.2	115.2
119	62.8	44.7	84.7

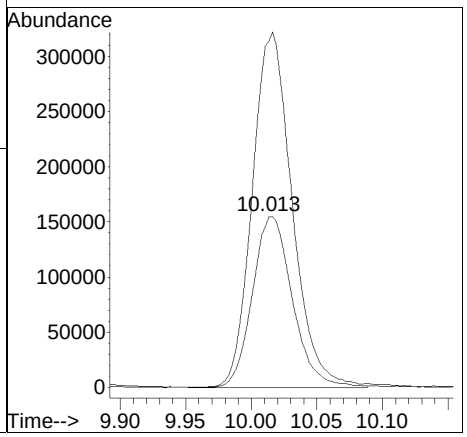


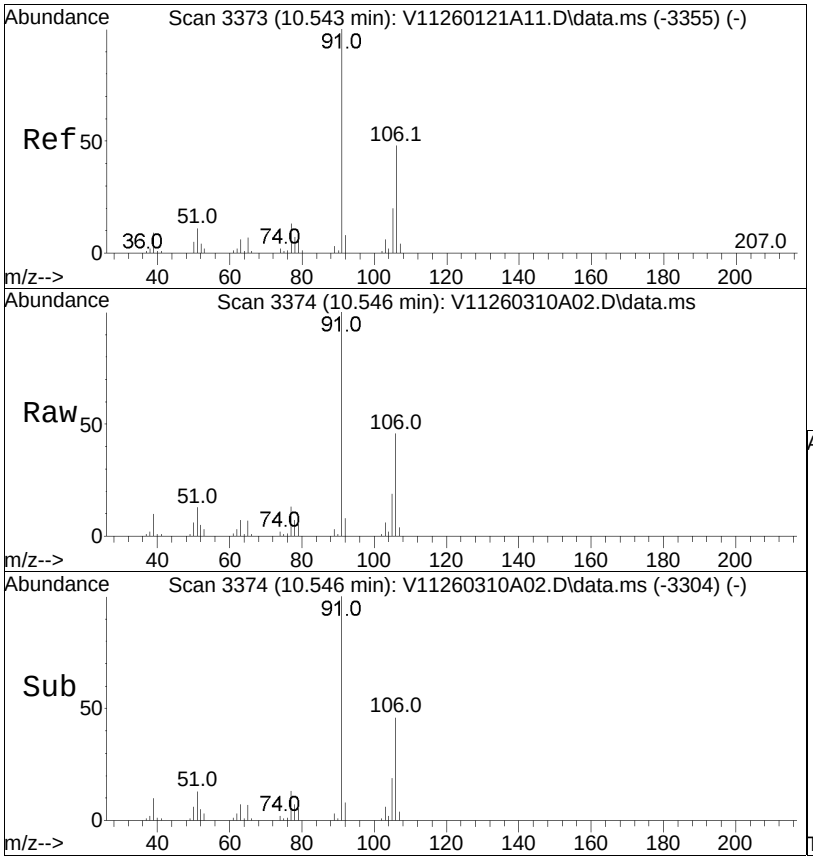


#76
p/m Xylene
Concen: 86.06 ug/L
RT: 10.013 min Scan# 3183
Delta R.T. -0.011 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:106 Resp: 328488

Ion	Ratio	Lower	Upper
106	100		
91	206.1	159.3	238.9

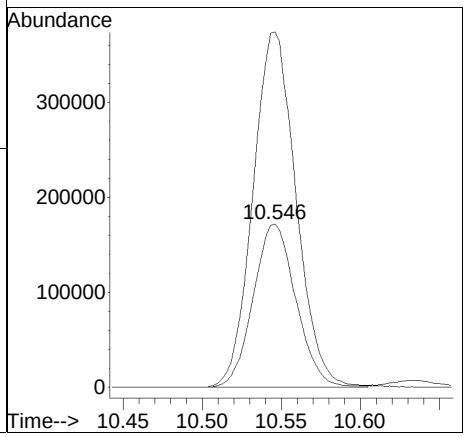


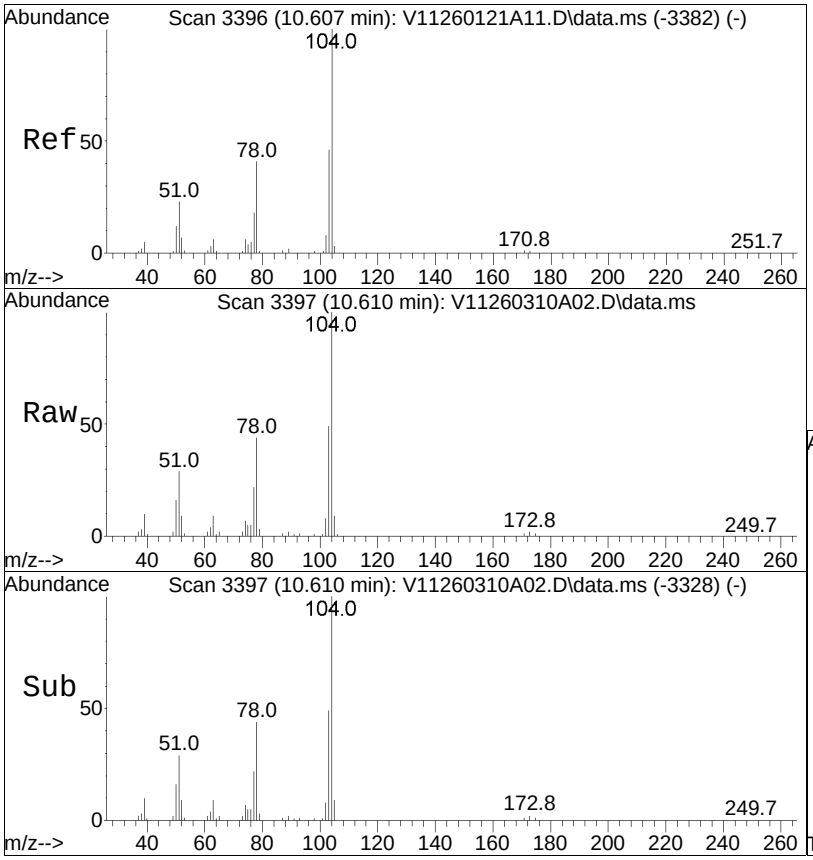


#77
o Xylene
Concen: 83.04 ug/L
RT: 10.546 min Scan# 3374
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:106 Resp: 323477

Ion	Ratio	Lower	Upper
106	100		
91	219.0	170.2	255.2

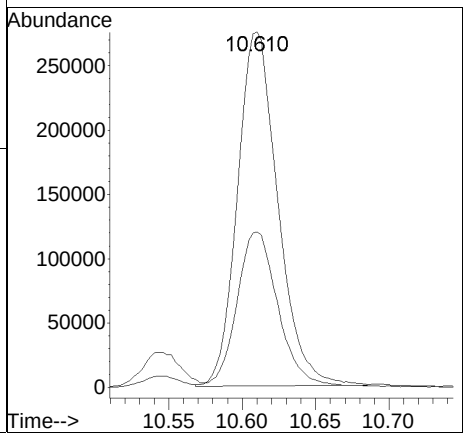


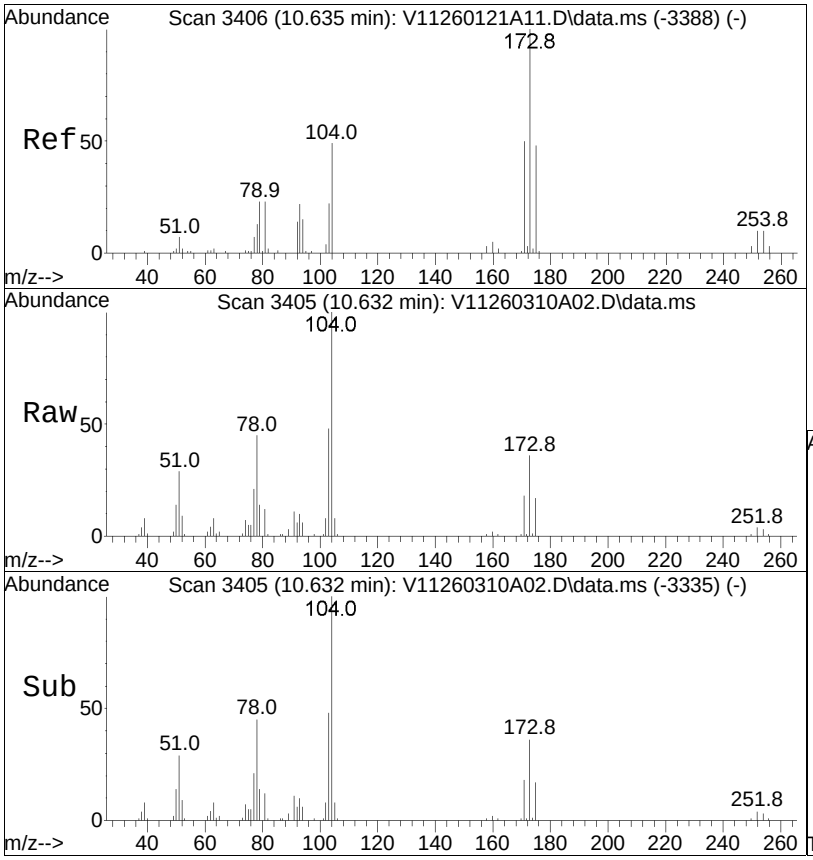


#78
Styrene
Concen: 80.70 ug/L
RT: 10.610 min Scan# 3397
Delta R.T. -0.008 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:104 Resp: 526781

Ion	Ratio	Lower	Upper
104	100		
78	43.7	34.4	51.6

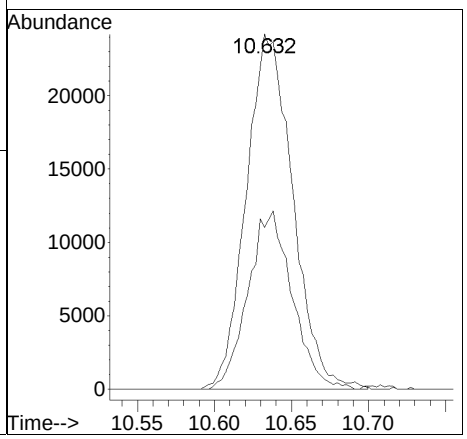


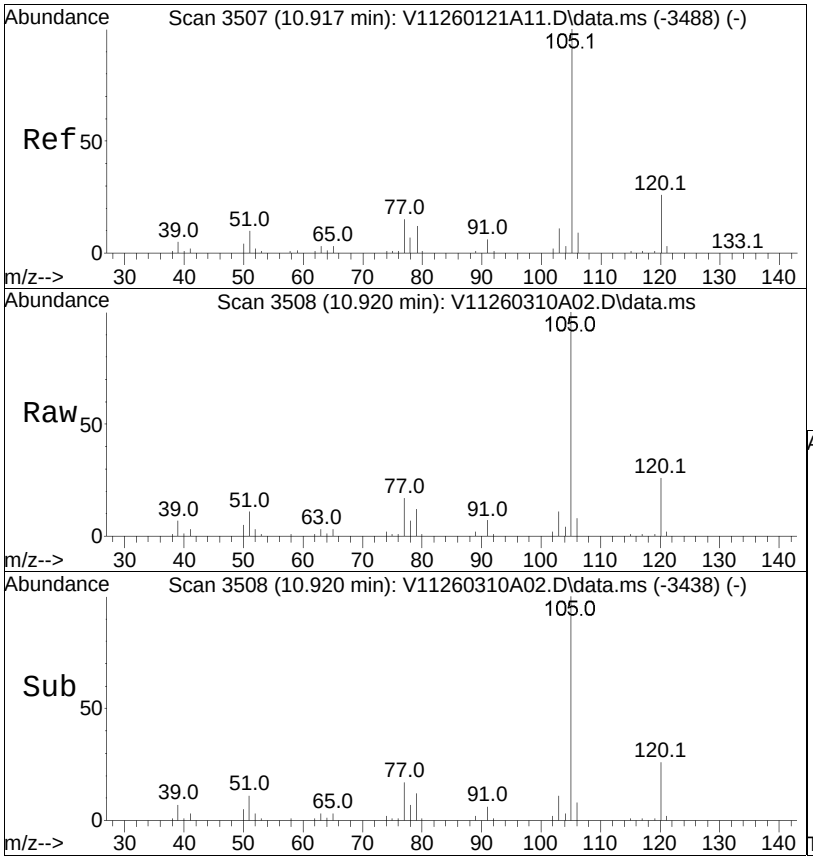


#80
Bromoform
Concen: 35.34 ug/L
RT: 10.632 min Scan# 3405
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:173 Resp: 50950

Ion	Ratio	Lower	Upper
173	100		
175	47.6	28.1	68.1

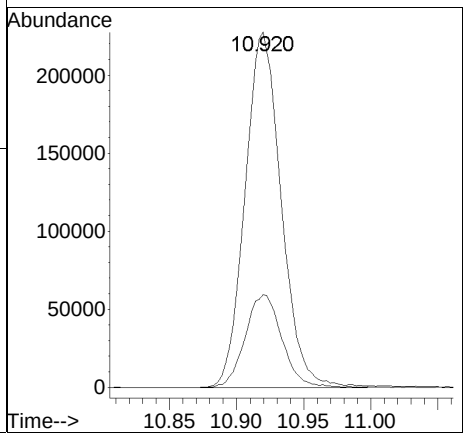


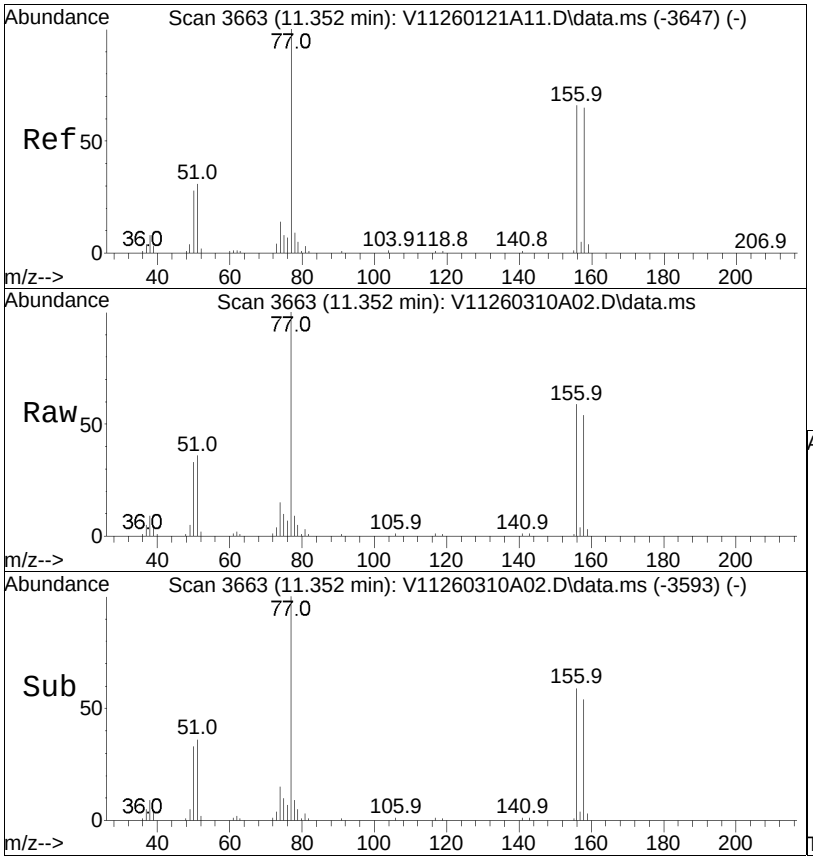


#82
Isopropylbenzene
Concen: 44.39 ug/L
RT: 10.920 min Scan# 3508
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:105 Resp: 426921

Ion	Ratio	Lower	Upper
105	100		
120	26.4	6.9	46.9

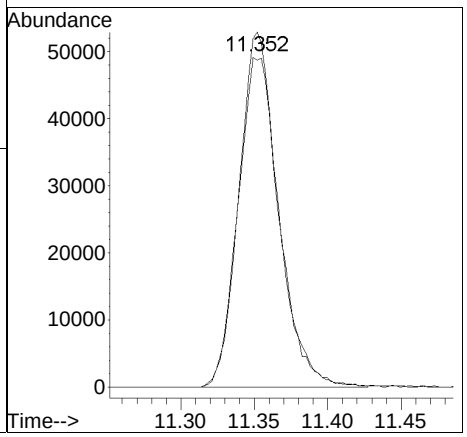


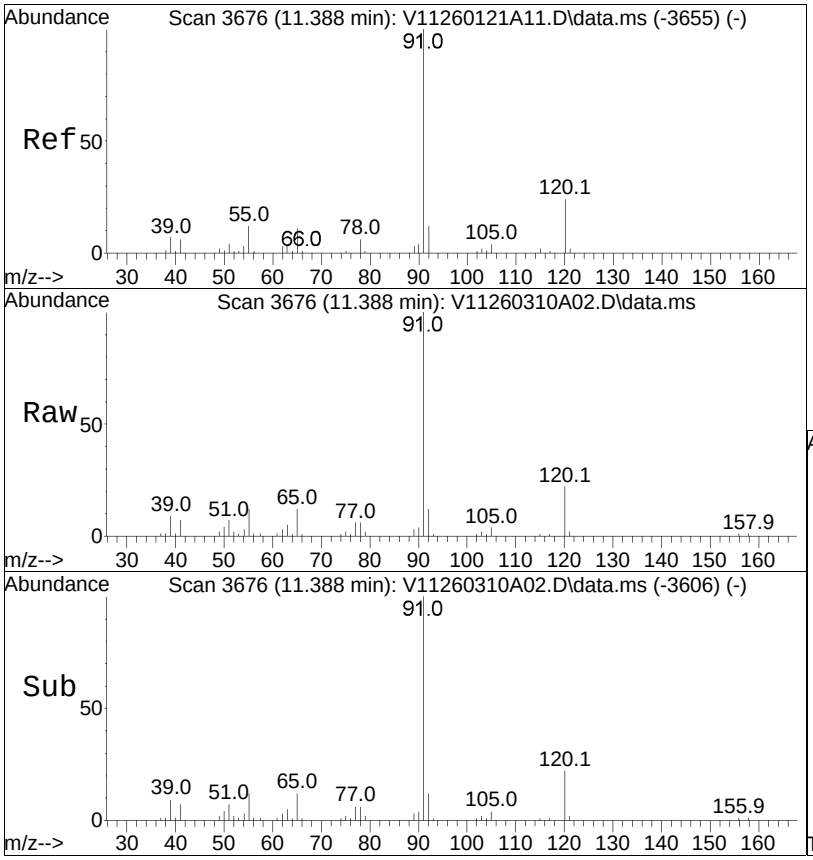


#84
Bromobenzene
Concen: 38.55 ug/L
RT: 11.352 min Scan# 3663
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:156 Resp: 99555

Ion	Ratio	Lower	Upper
156	100		
158	95.9	77.5	116.3

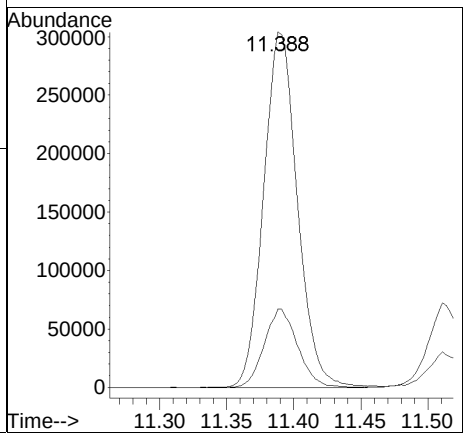


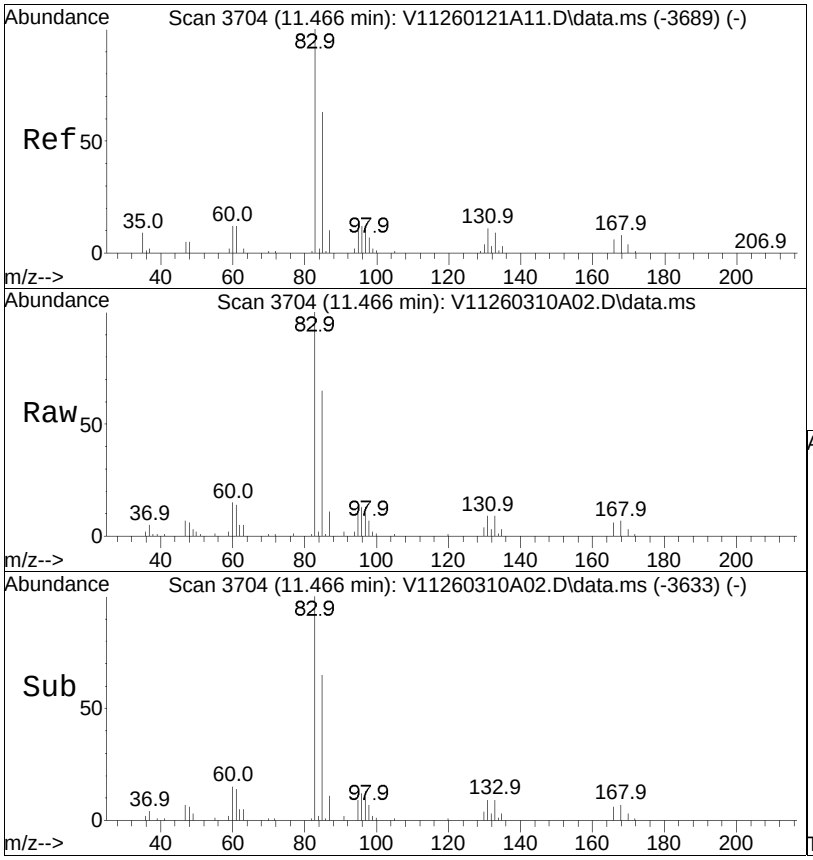


#85
n-Propylbenzene
Concen: 47.40 ug/L
RT: 11.388 min Scan# 3676
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 91 Resp: 533030

Ion	Ratio	Lower	Upper
91	100		
120	21.7	18.6	27.8

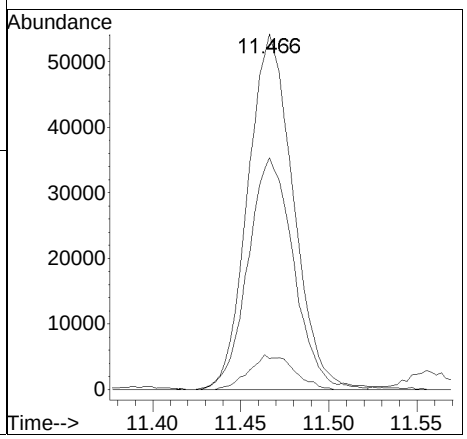


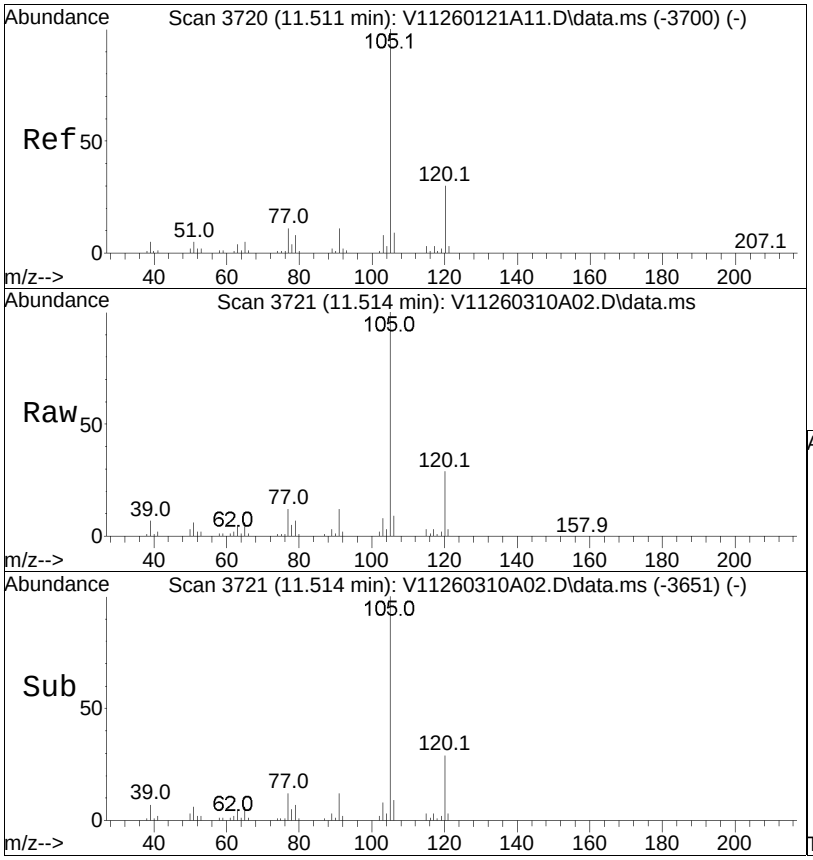


#87
1,1,2,2-Tetrachloroethane
Concen: 41.89 ug/L
RT: 11.466 min Scan# 3704
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 83 Resp: 96861

Ion	Ratio	Lower	Upper
83	100		
131	9.6	0.0	30.1
85	66.2	45.8	85.8

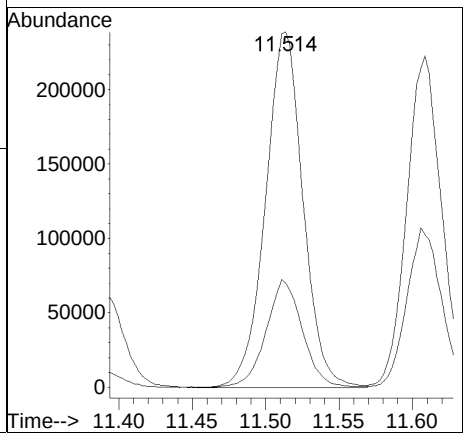


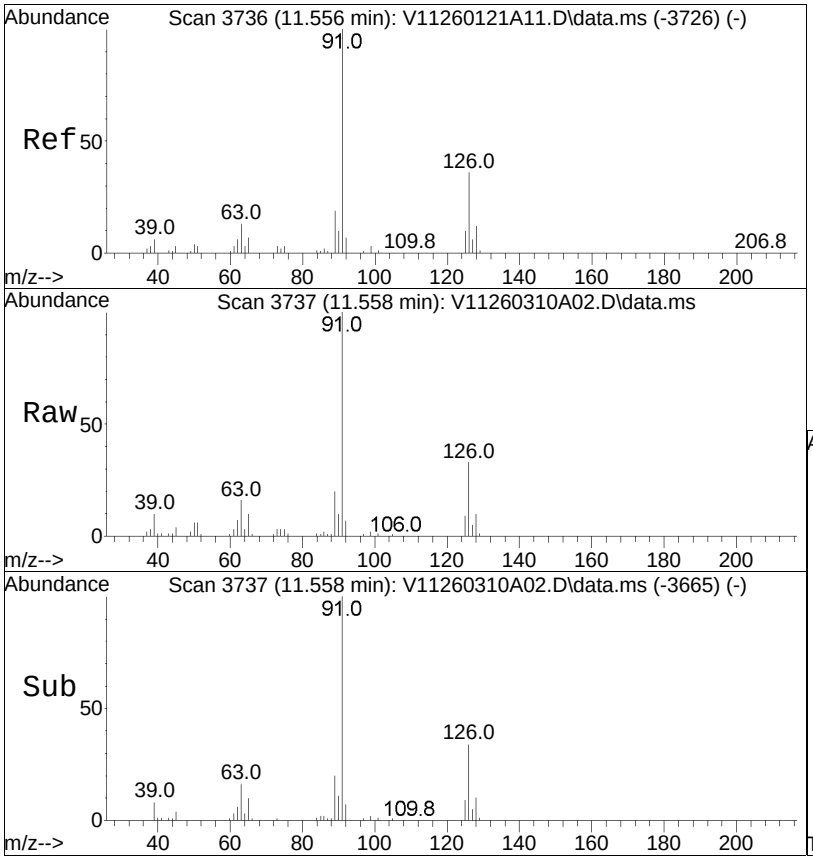


#88
4-Ethyltoluene
Concen: 44.79 ug/L
RT: 11.514 min Scan# 3721
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:105 Resp: 424856

Ion	Ratio	Lower	Upper
105	100		
120	29.1	19.5	40.5

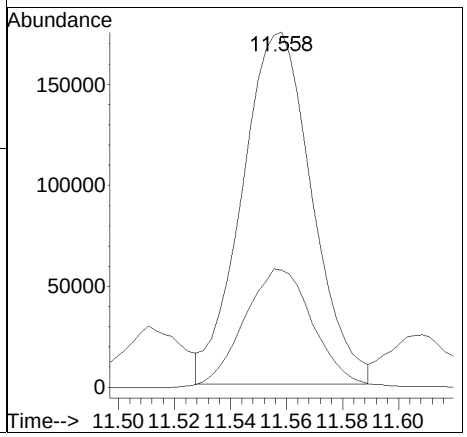


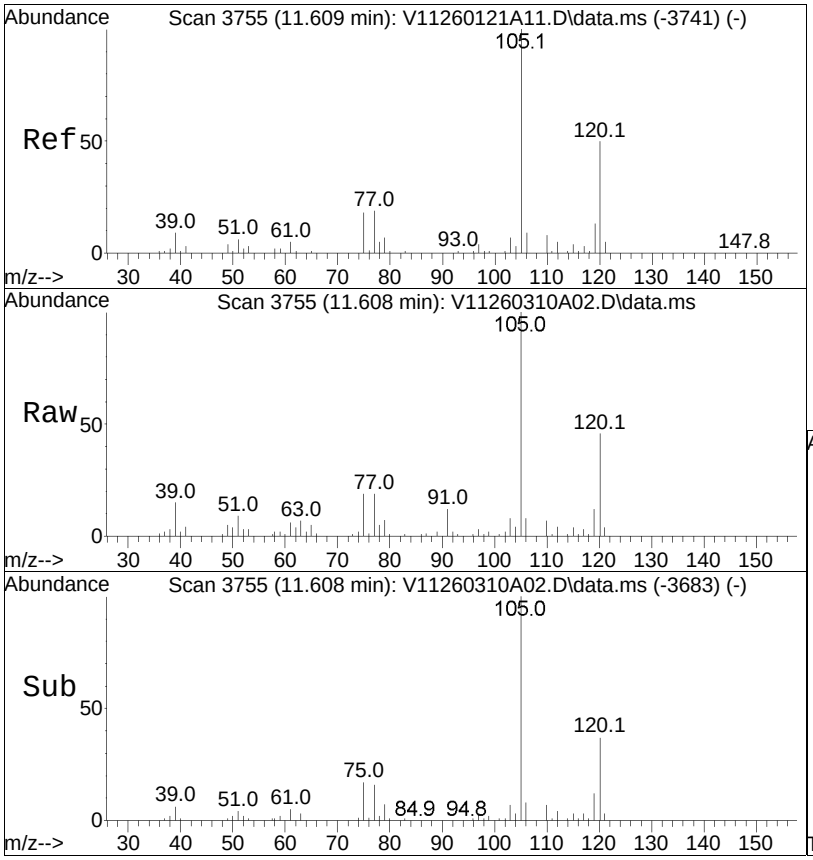


#89
2-Chlorotoluene
Concen: 44.04 ug/L
RT: 11.558 min Scan# 3737
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 91 Resp: 301750

Ion	Ratio	Lower	Upper
91	100		
126	33.5	24.3	36.5

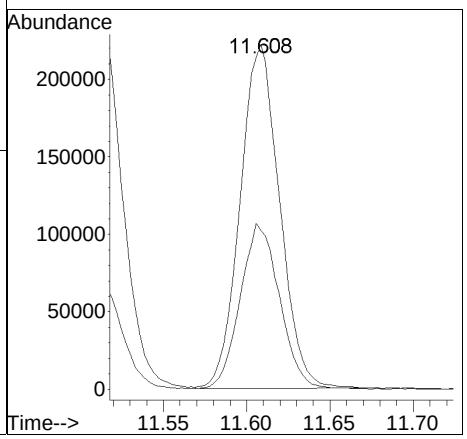


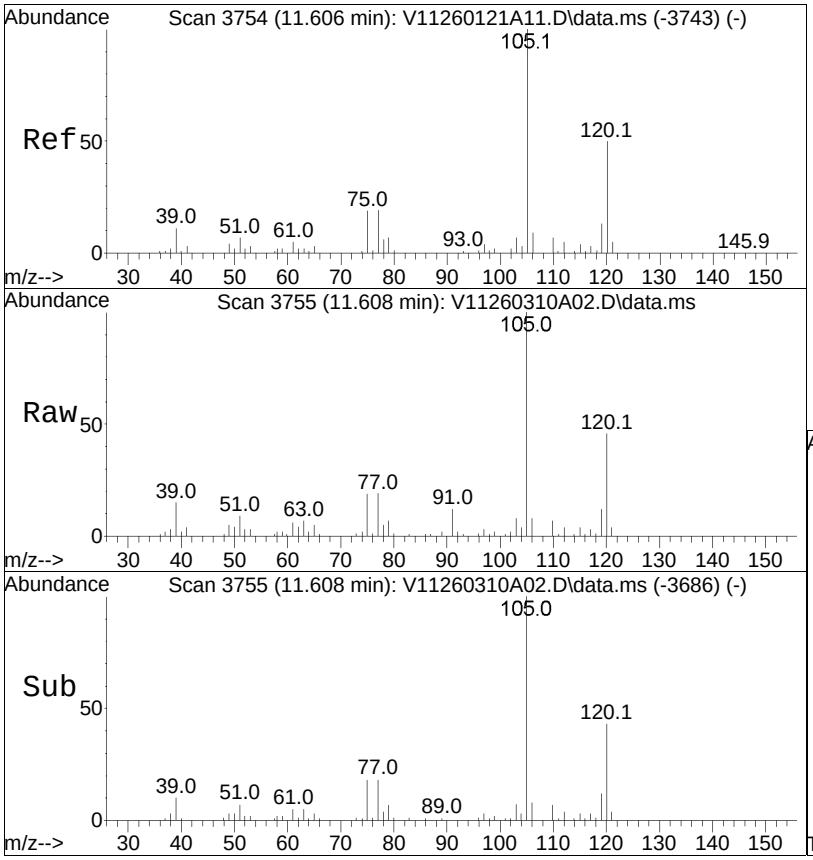


#90
1,3,5-Trimethylbenzene
Concen: 44.12 ug/L
RT: 11.608 min Scan# 3755
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:105 Resp: 365593

Ion	Ratio	Lower	Upper
105	100		
120	47.9	39.8	59.8

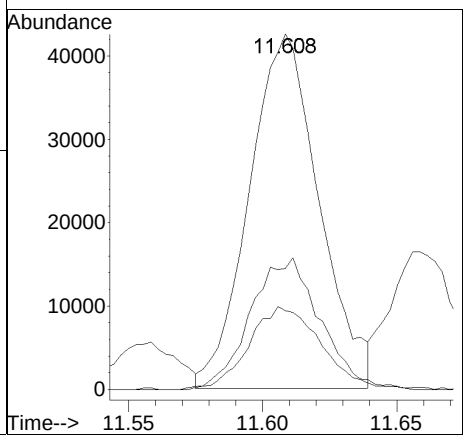


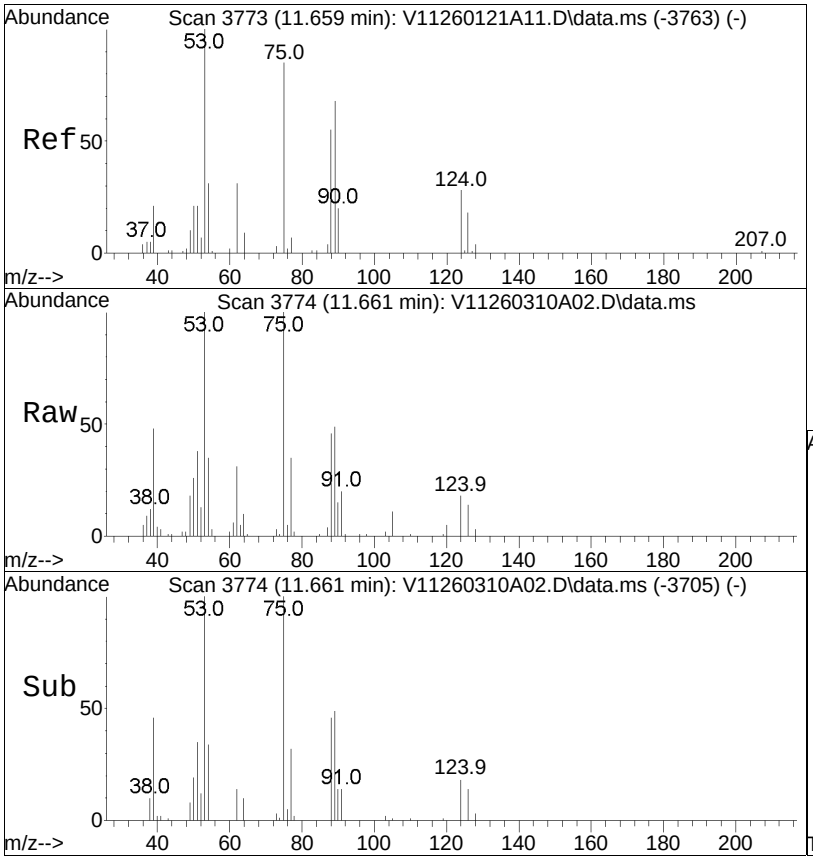


#91
1,2,3-Trichloropropane
Concen: 43.52 ug/L
RT: 11.608 min Scan# 3755
Delta R.T. -0.008 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 75 Resp: 77322

Ion	Ratio	Lower	Upper
75	100		
110	37.1	25.2	52.2
112	23.9	15.7	32.5

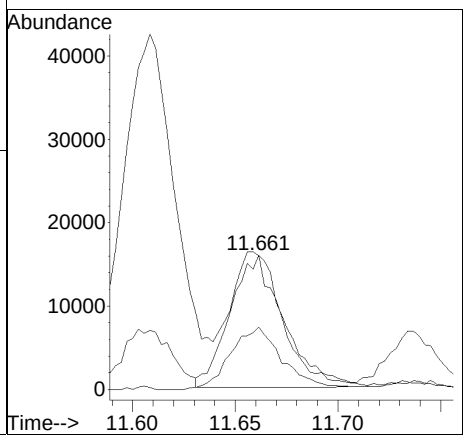


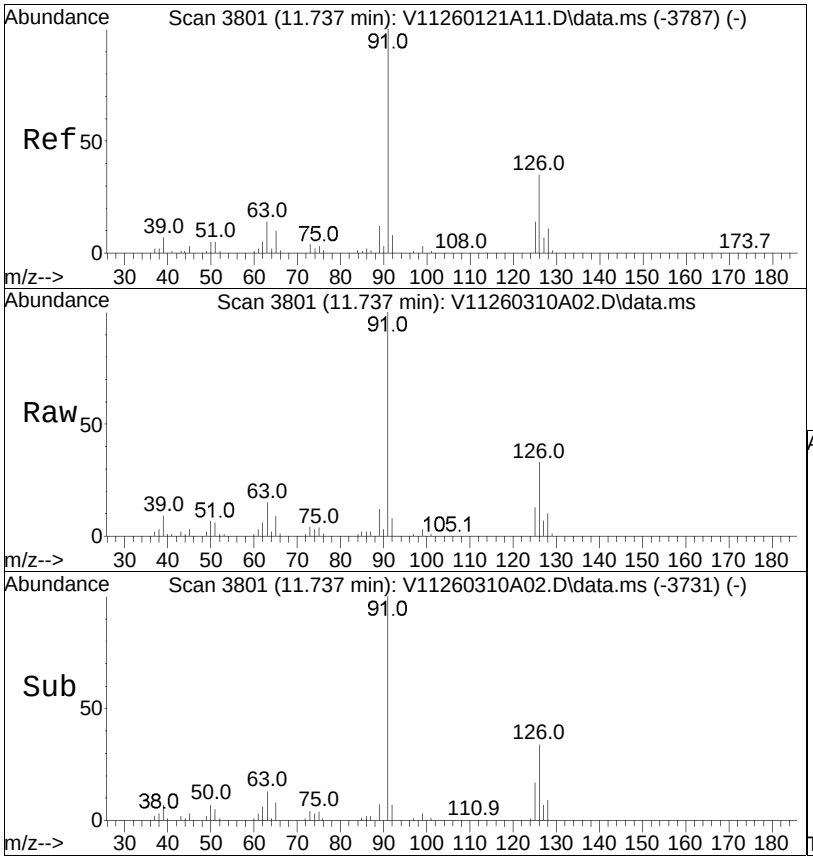


#92
trans-1,4-Dichloro-2-butene
Concen: 42.79 ug/L
RT: 11.661 min Scan# 3774
Delta R.T. -0.008 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 53 Resp: 27761

Ion	Ratio	Lower	Upper
53	100		
88	47.8	34.1	51.1
75	109.7	82.8	124.2

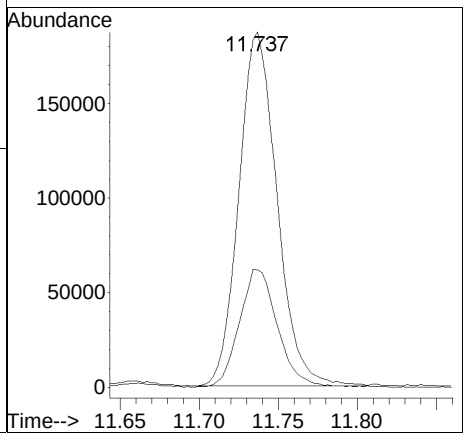


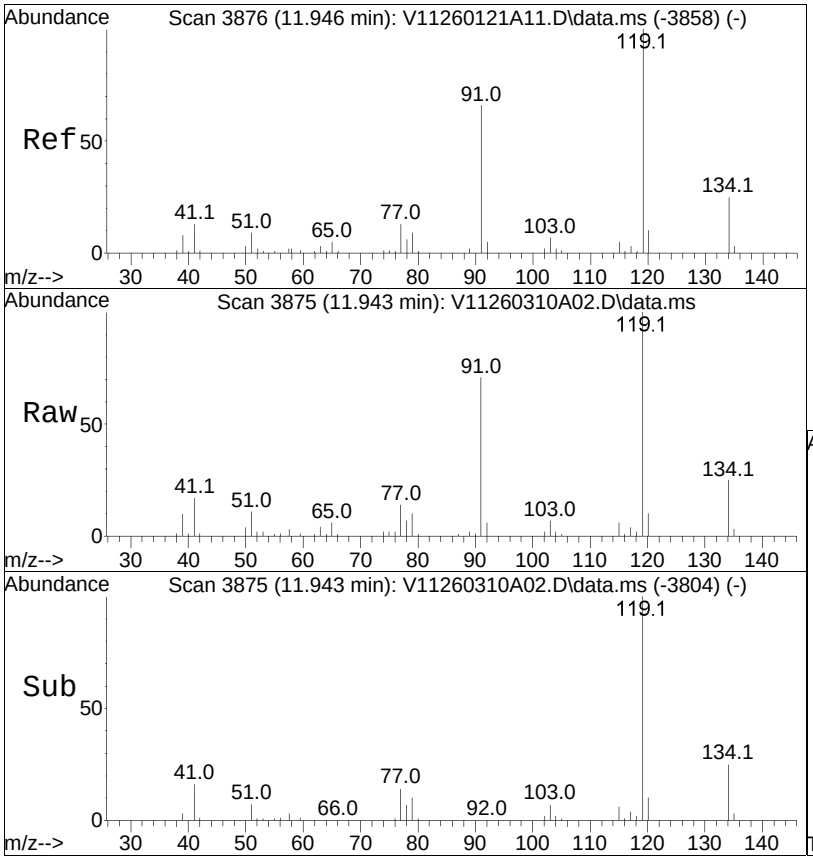


#93
4-Chlorotoluene
Concen: 44.14 ug/L
RT: 11.737 min Scan# 3801
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 91 Resp: 314315

Ion	Ratio	Lower	Upper
91	100		
126	33.1	27.9	41.9

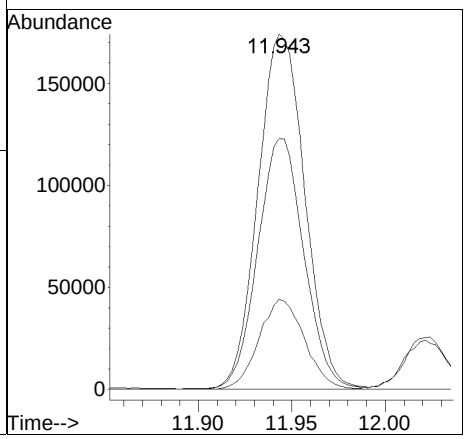


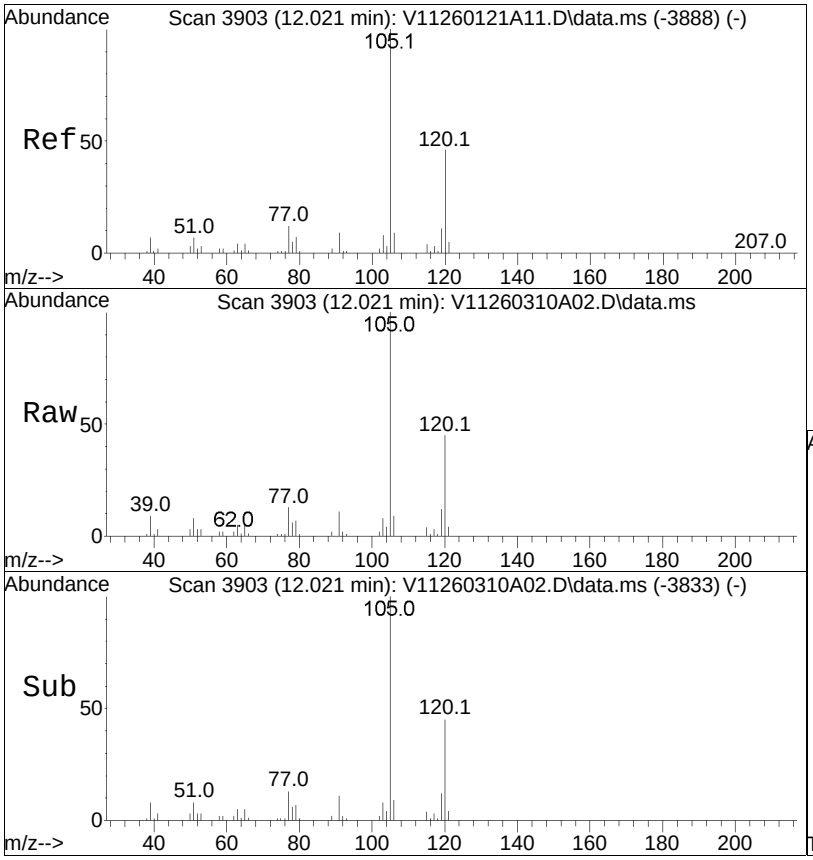


#94
tert-Butylbenzene
Concen: 43.90 ug/L
RT: 11.943 min Scan# 3875
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:119 Resp: 304476

Ion	Ratio	Lower	Upper
119	100		
91	69.3	53.0	79.4
134	24.7	19.8	29.6

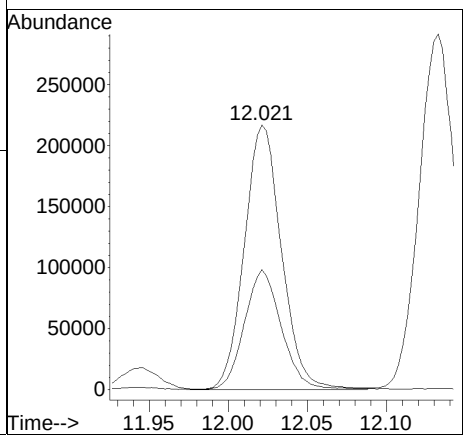


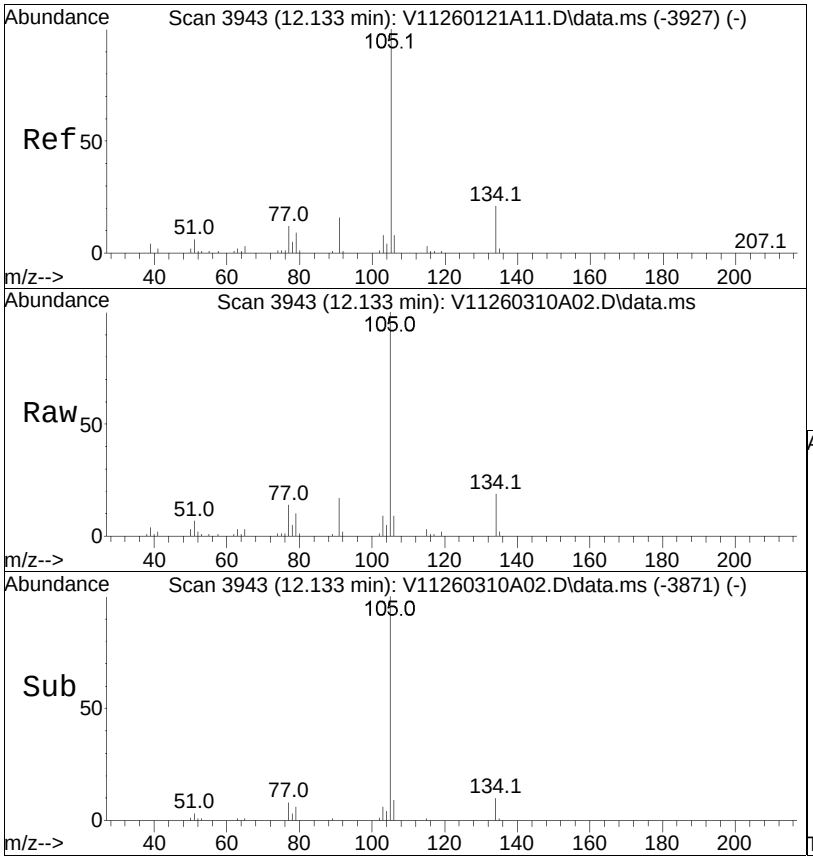


#97
1,2,4-Trimethylbenzene
Concen: 43.41 ug/L
RT: 12.021 min Scan# 3903
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:105 Resp: 354573

Ion	Ratio	Lower	Upper
105	100		
120	44.5	37.4	56.0

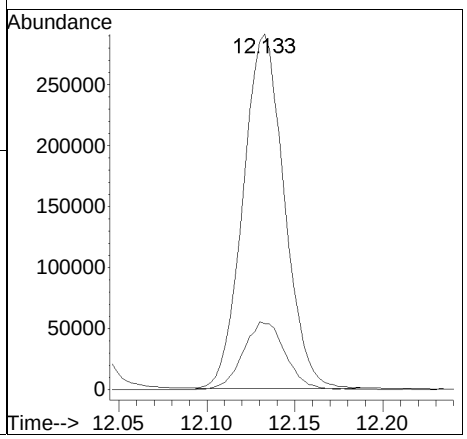


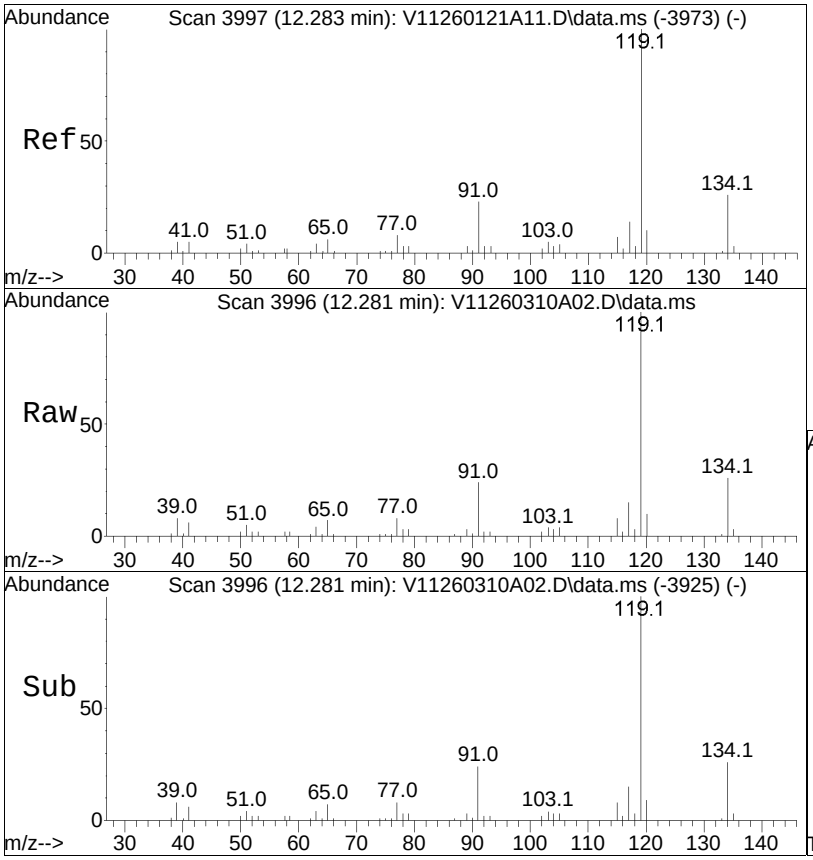


#98
sec-Butylbenzene
Concen: 46.20 ug/L
RT: 12.133 min Scan# 3943
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:105 Resp: 472606

Ion	Ratio	Lower	Upper
105	100		
134	19.4	13.2	27.4

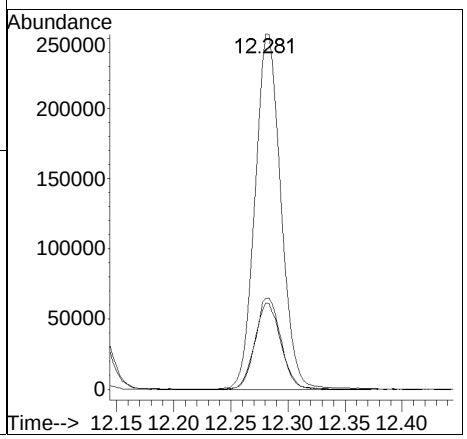


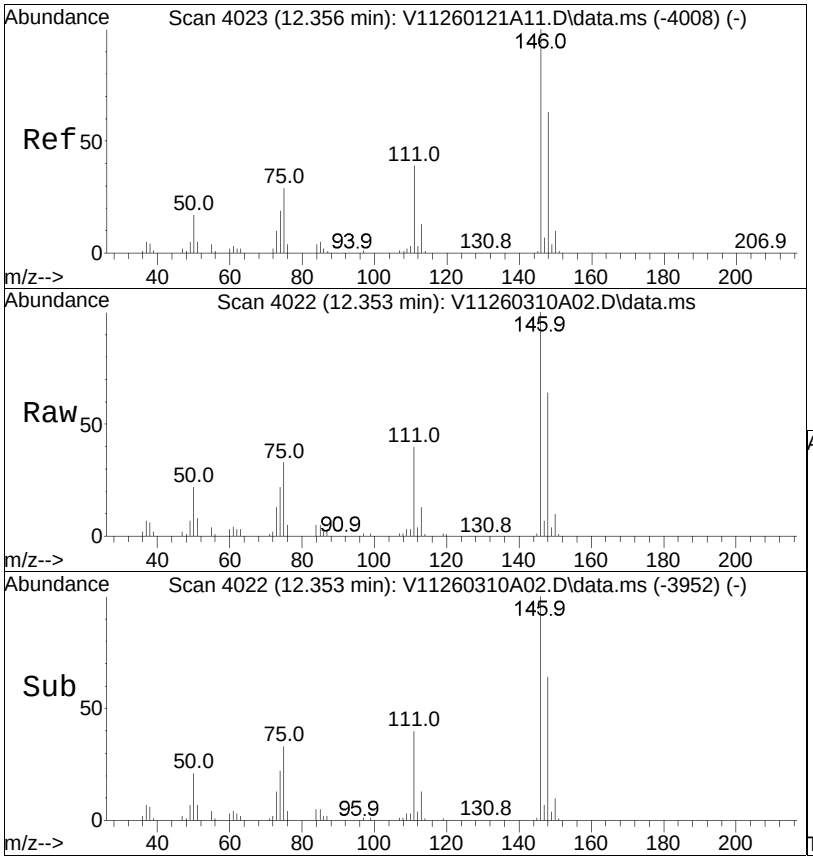


#99
p-Isopropyltoluene
Concen: 44.72 ug/L
RT: 12.281 min Scan# 3996
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:119 Resp: 399470

Ion	Ratio	Lower	Upper
119	100		
134	25.7	17.1	35.5
91	24.6	15.3	31.9

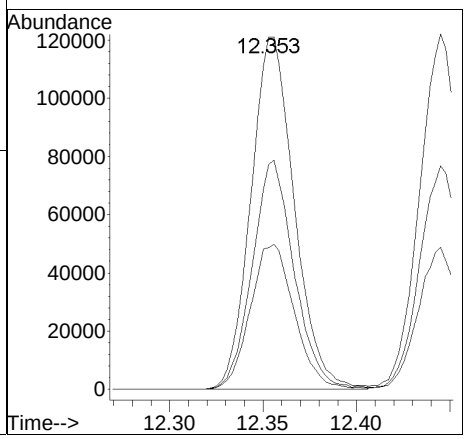


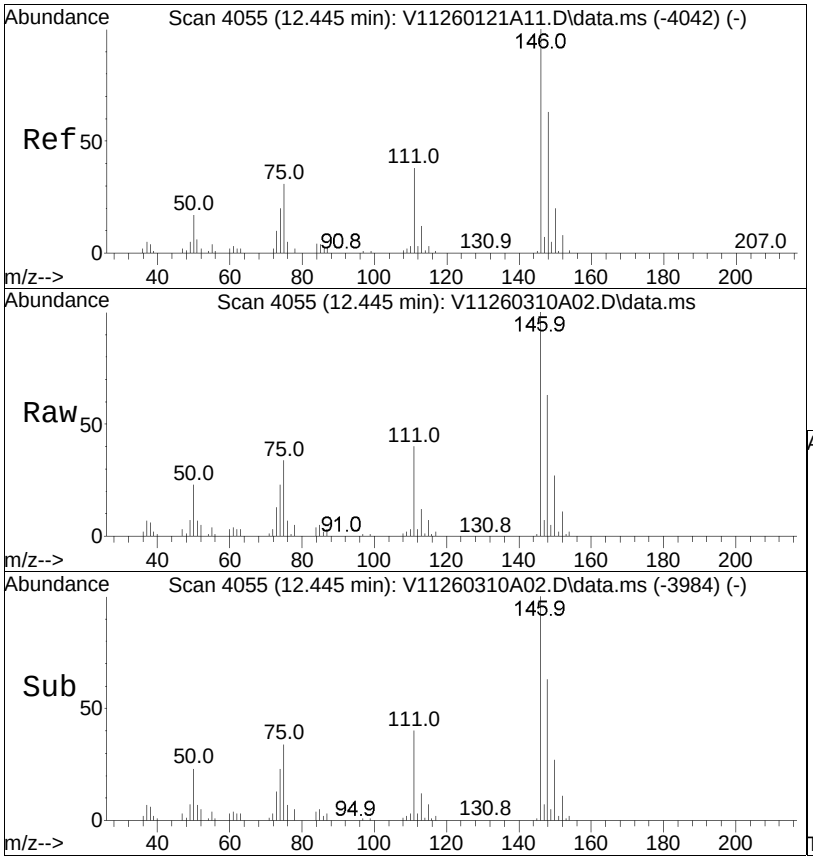


#100
1,3-Dichlorobenzene
Concen: 40.67 ug/L
RT: 12.353 min Scan# 4022
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:146 Resp: 195882

Ion	Ratio	Lower	Upper
146	100		
111	42.0	25.6	53.2
148	62.9	41.3	85.9

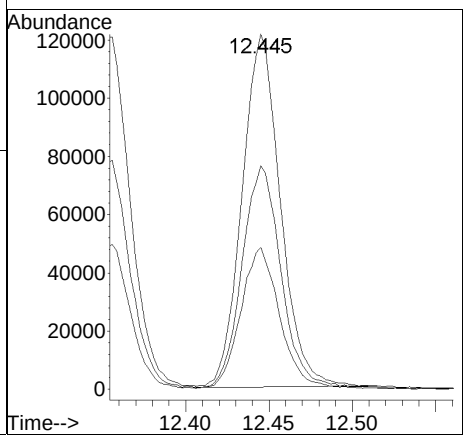


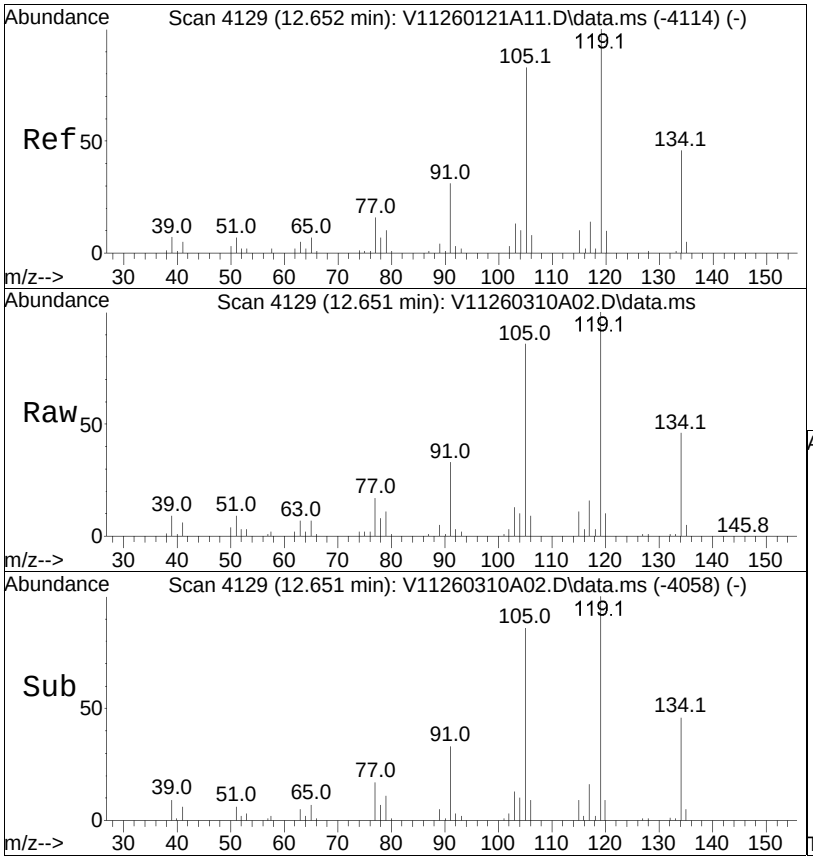


#101
1,4-Dichlorobenzene
Concen: 38.28 ug/L
RT: 12.445 min Scan# 4055
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:146 Resp: 194068

Ion	Ratio	Lower	Upper
146	100		
111	40.7	31.4	47.0
148	64.8	50.7	76.1

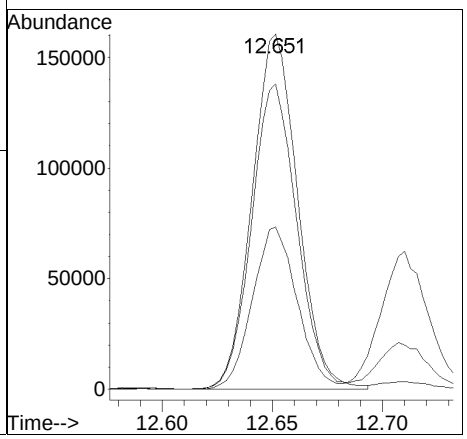


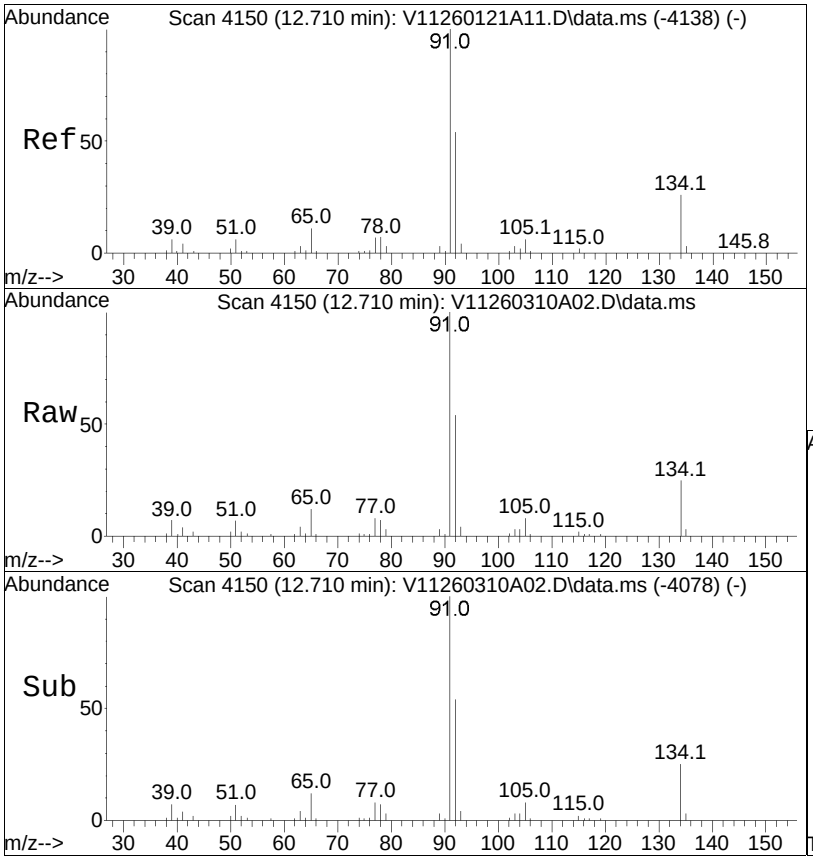


#102
p-Diethylbenzene
Concen: 43.57 ug/L
RT: 12.651 min Scan# 4129
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:119 Resp: 231167

Ion	Ratio	Lower	Upper
119	100		
105	85.4	54.5	113.3
134	45.2	29.9	62.1

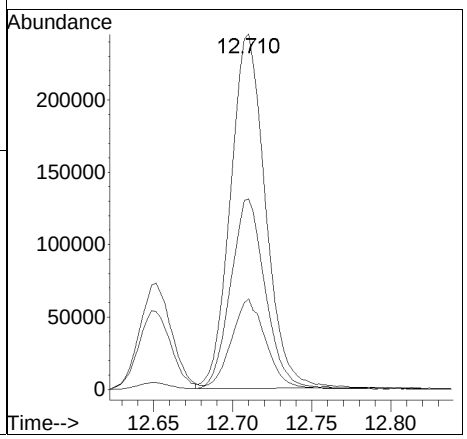


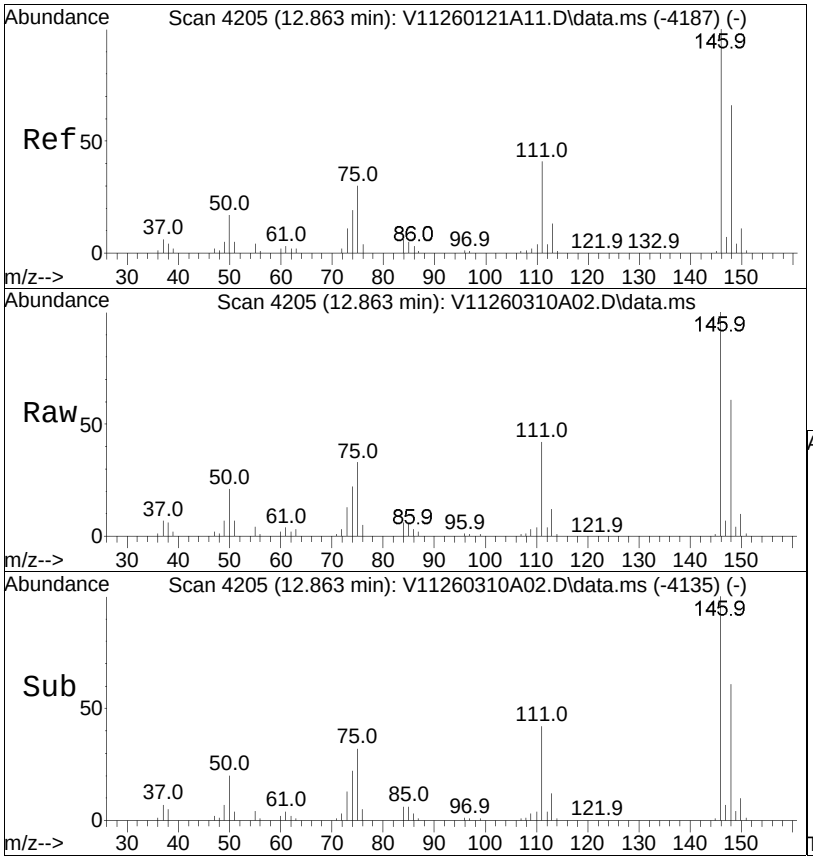


#103
n-Butylbenzene
Concen: 46.82 ug/L
RT: 12.710 min Scan# 4150
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion: 91 Resp: 377598

Ion	Ratio	Lower	Upper
91	100		
92	53.2	43.3	64.9
134	24.8	21.4	32.0

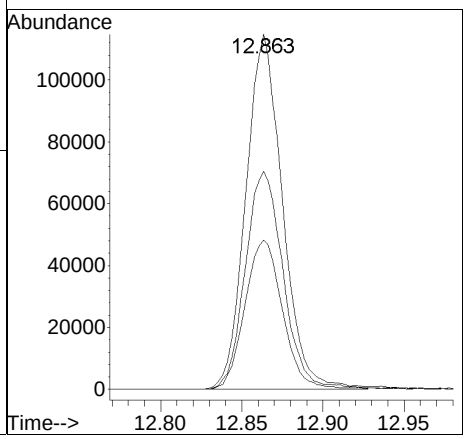


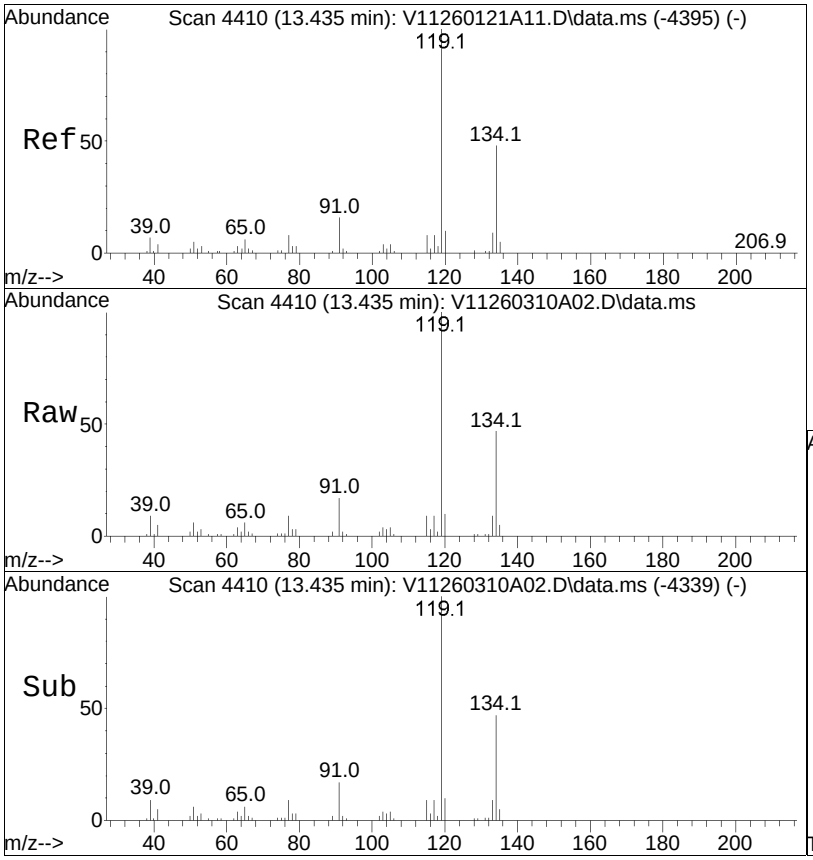


#104
1,2-Dichlorobenzene
Concen: 39.81 ug/L
RT: 12.863 min Scan# 4205
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:146 Resp: 180657

Ion	Ratio	Lower	Upper
146	100		
111	43.2	26.9	55.9
148	63.6	41.2	85.6

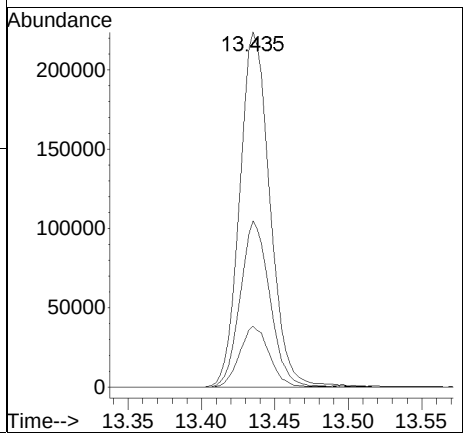


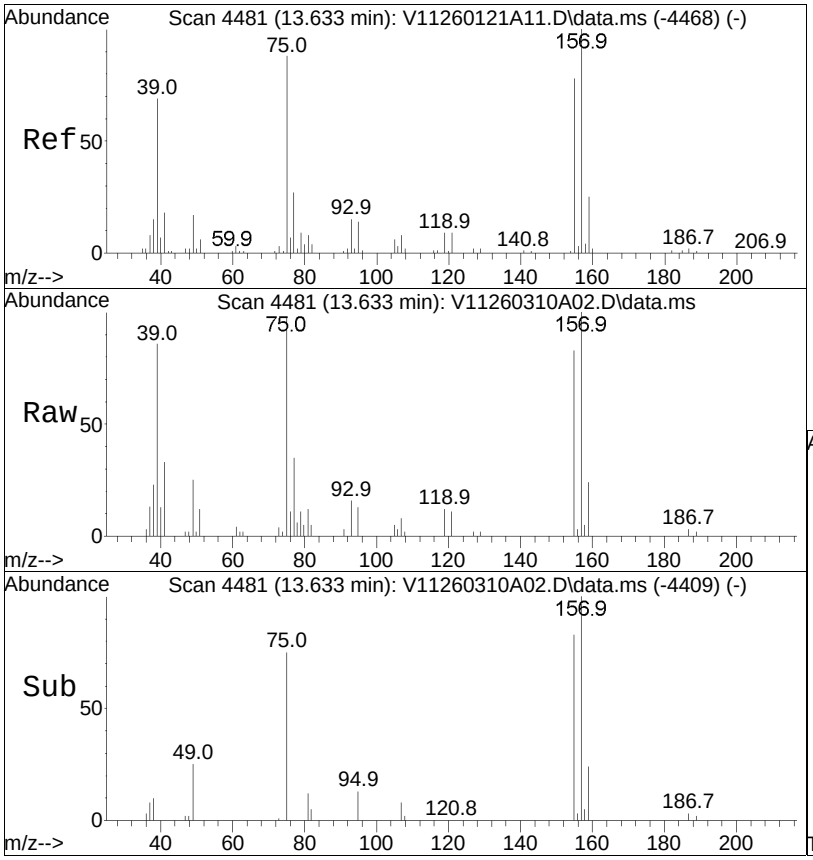


#105
1,2,4,5-Tetramethylbenzene
Concen: 39.77 ug/L
RT: 13.435 min Scan# 4410
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:119 Resp: 322003

Ion	Ratio	Lower	Upper
119	100		
134	46.0	31.1	64.5
91	16.9	10.4	21.6

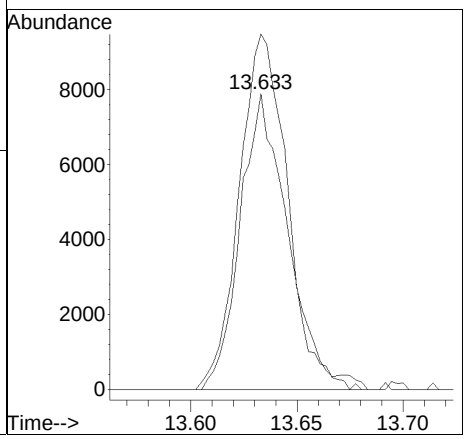


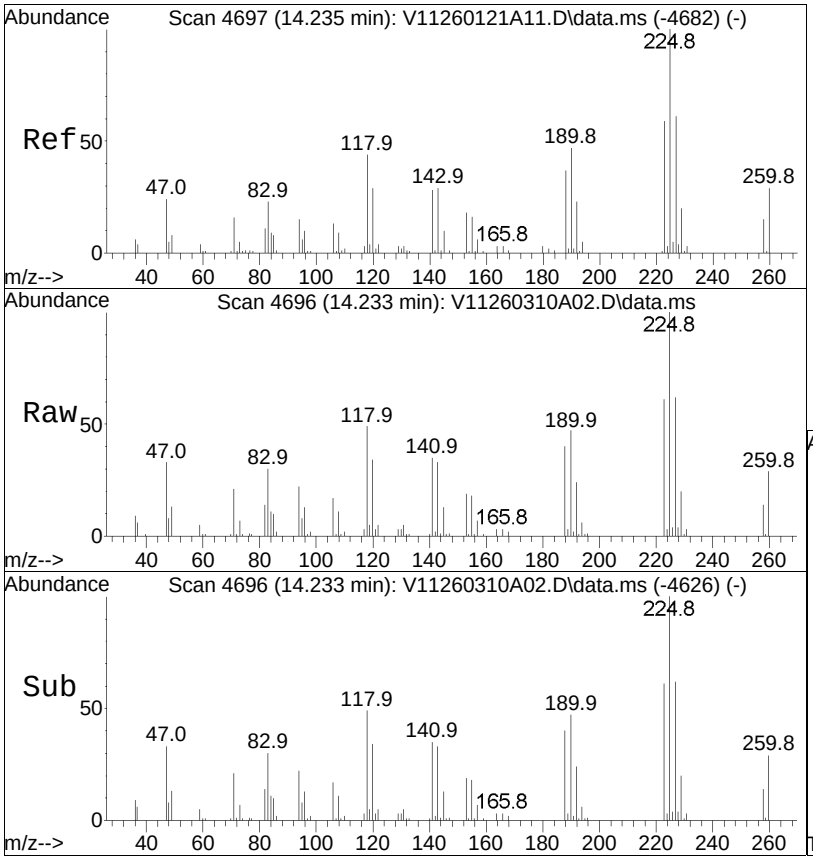


#106
1,2-Dibromo-3-chloropropane
Concen: 34.83 ug/L
RT: 13.633 min Scan# 4481
Delta R.T. -0.000 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:155 Resp: 12036

Ion	Ratio	Lower	Upper
155	100		
157	126.9	100.0	150.0

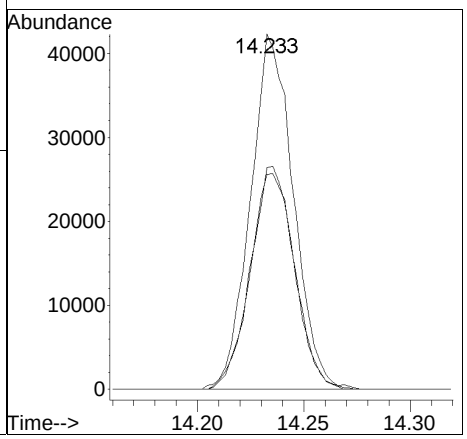


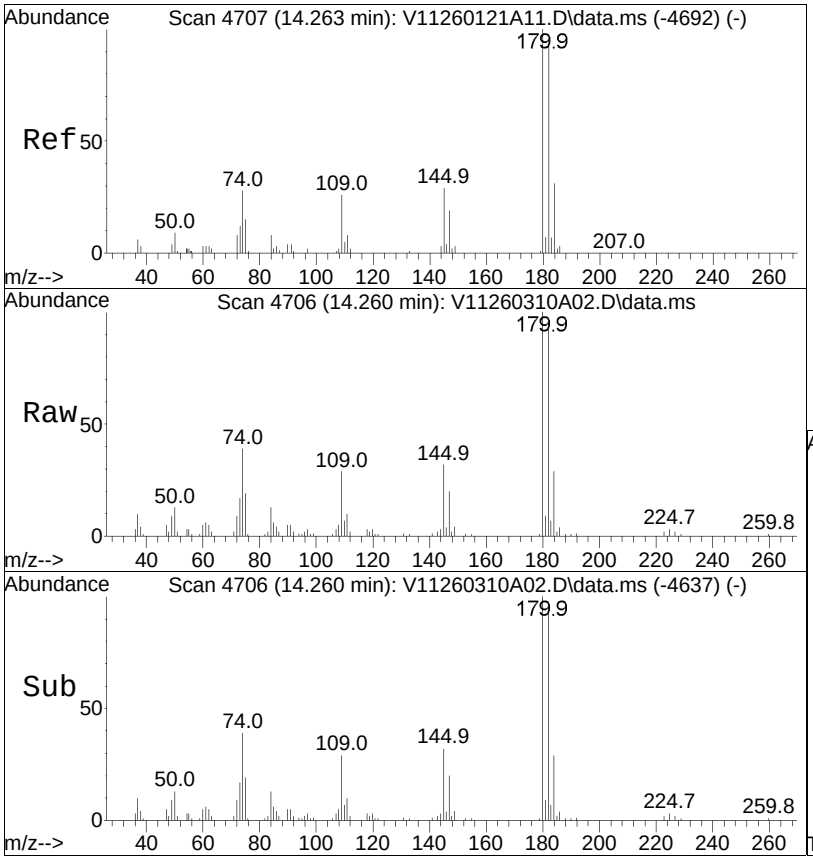


#108
Hexachlorobutadiene
Concen: 39.34 ug/L
RT: 14.233 min Scan# 4696
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:225 Resp: 59513

Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.9	74.9
227	64.0	50.6	75.8

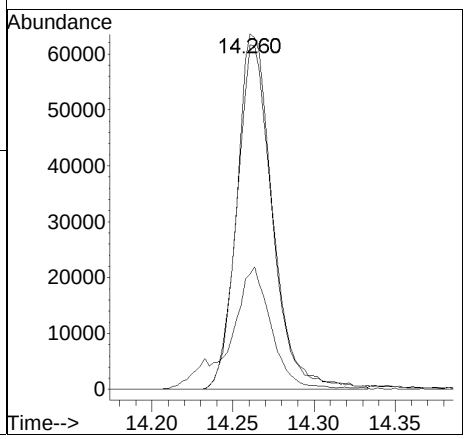


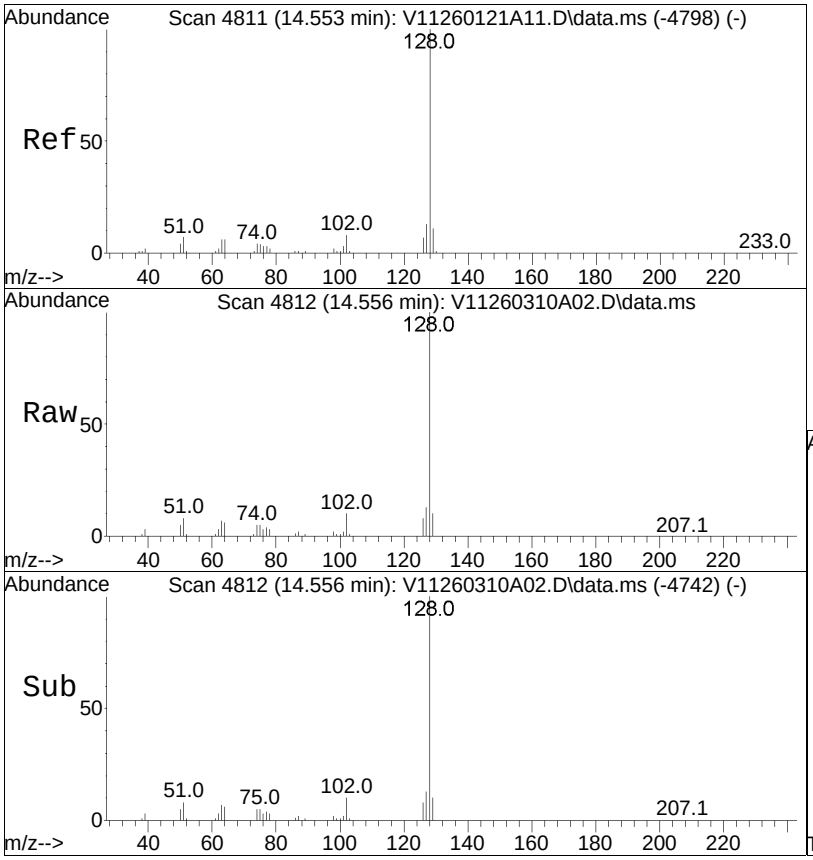


#109
1,2,4-Trichlorobenzene
Concen: 36.13 ug/L
RT: 14.260 min Scan# 4706
Delta R.T. -0.008 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:180 Resp: 98034

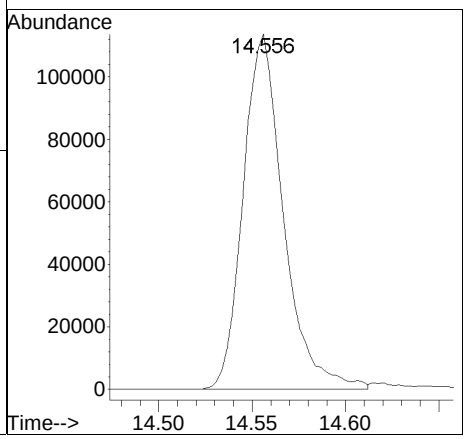
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.6
145	33.6	29.6	44.4

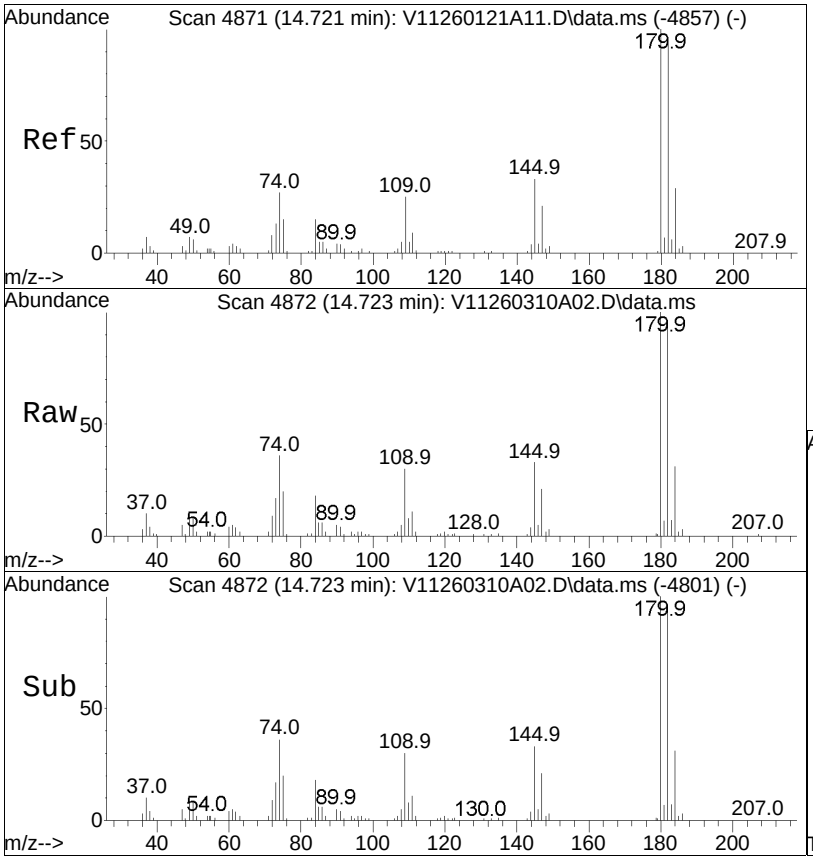




#110
Naphthalene
Concen: 33.67 ug/L
RT: 14.556 min Scan# 4812
Delta R.T. -0.006 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:128 Resp: 171175

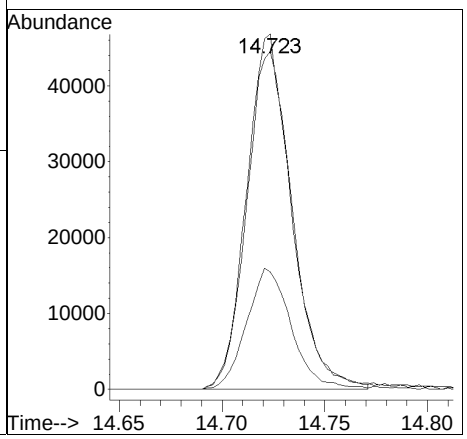




#111
1,2,3-Trichlorobenzene
Concen: 34.17 ug/L
RT: 14.723 min Scan# 4872
Delta R.T. -0.003 min
Lab File: V11260310A02.D
Acq: 10 Mar 2026 08:00 am

Tgt Ion:180 Resp: 71369

Ion	Ratio	Lower	Upper
180	100		
182	96.9	74.2	111.4
145	33.9	26.3	39.5

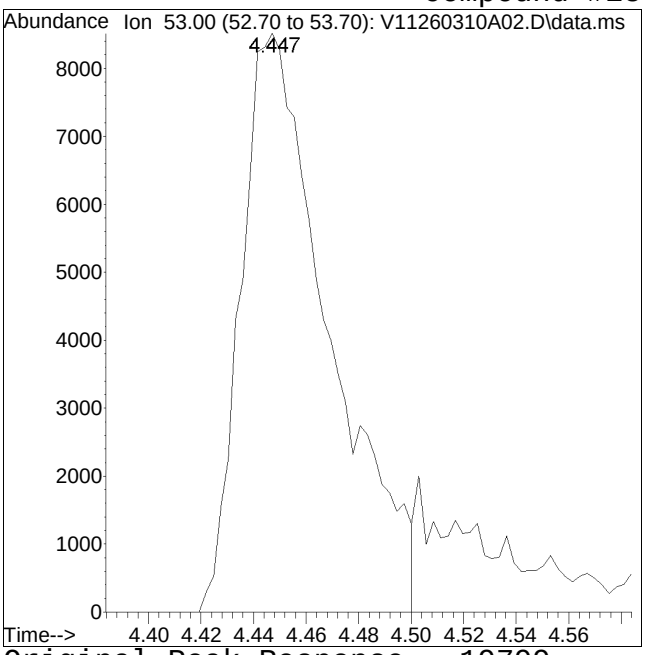


Manual Integration Report

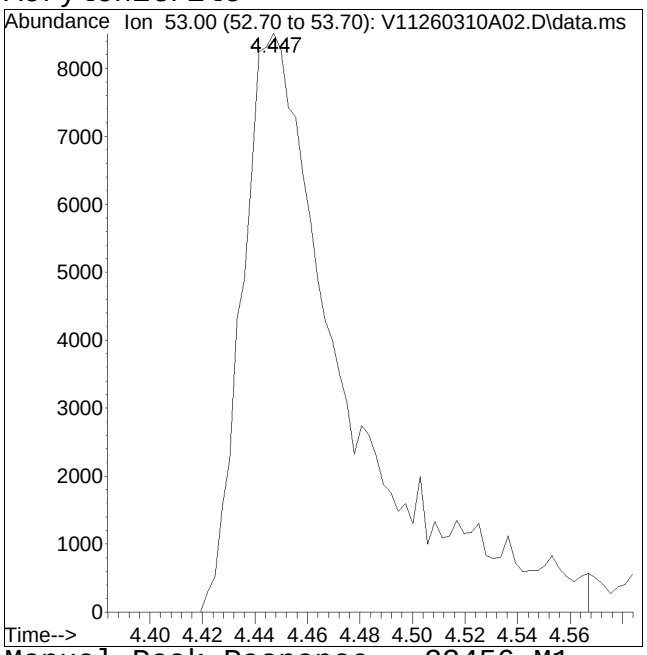
Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Date Inj'd : 3/10/2026 8:00 am
Sample : WG2183816-3,31,5,5

QMethod : V111_260121A_8260.m
Operator : VOA111:MNF
Instrument : VOA111
Quant Date : 3/10/2026 8:51 am

Compound #25: Acrylonitrile



Original Peak Response = 19799



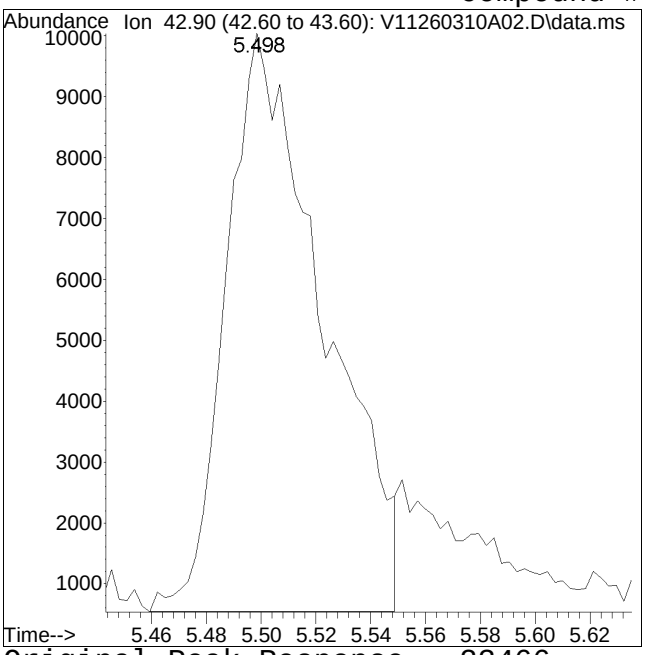
Manual Peak Response = 23456 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

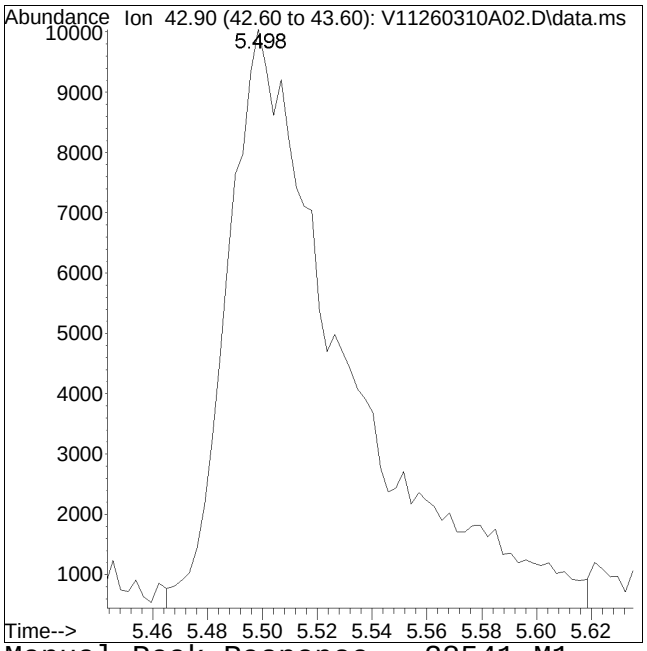
Manual Integration Report

Data Path	: K:\VOA111\2026\260310A\	QMethod	: V111_260121A_8260.m
Data File	: V11260310A02.D	Operator	: VOA111:MNF
Date Inj'd	: 3/10/2026 8:00 am	Instrument	: VOA111
Sample	: WG2183816-3,31,5,5	Quant Date	: 3/10/2026 8:51 am

Compound #39: 2-Butanone



Original Peak Response = 23466



Manual Peak Response = 28541 M1

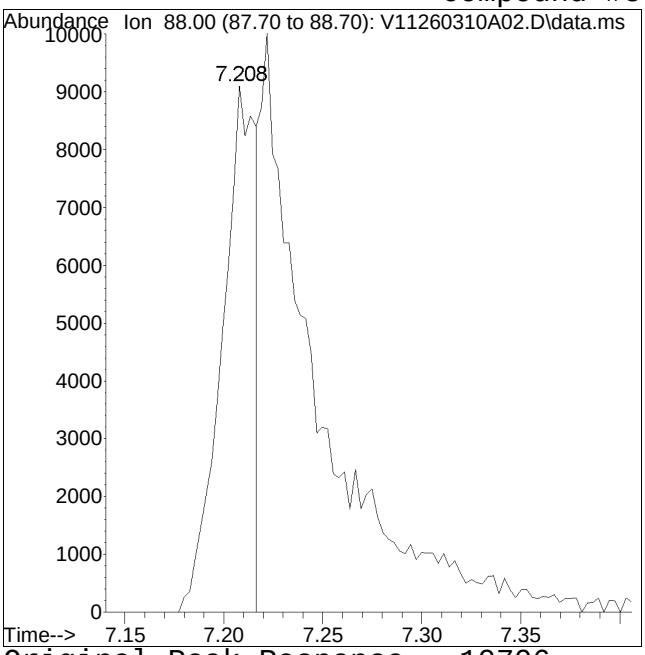
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

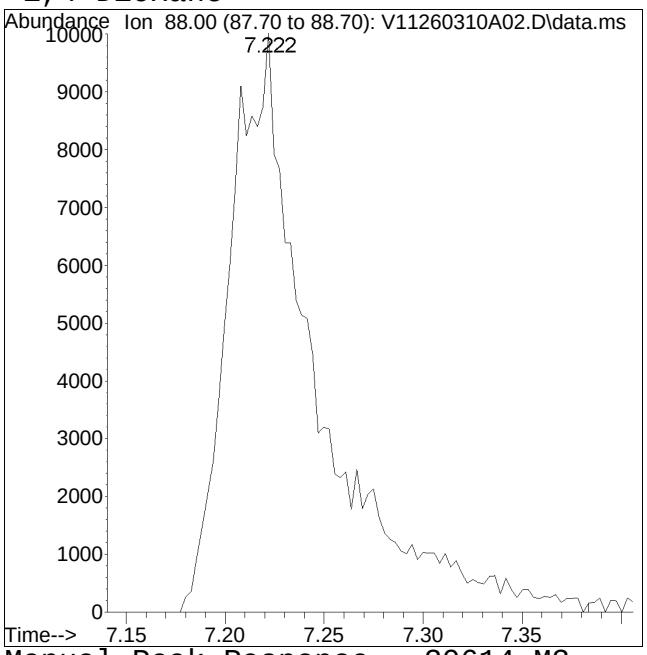
Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A02.D
Date Inj'd : 3/10/2026 8:00 am
Sample : WG2183816-3,31,5,5

QMethod : V111_260121A_8260.m
Operator : VOA111:MNF
Instrument : VOA111
Quant Date : 3/10/2026 8:51 am

Compound #57: 1,4-Dioxane



Original Peak Response = 10706



Manual Peak Response = 30614 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B01.D
Acq On : 11 Mar 2026 12:59 pm
Operator : VOA111:BAD
Sample : WG2183467-10,31H,15,15,0.100,,
Misc : WG2183467,ICAL22987
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 11 13:39:23 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260311B\V11260311B01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.201	96	316441	20.000	ug/L	0.00
Standard Area 1 = 316441			Recovery = 100.00%			
59) Chlorobenzene-d5	9.771	117	225831	20.000	ug/L	0.00
Standard Area 1 = 225831			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.428	152	107740	20.000	ug/L	0.00
Standard Area 1 = 107740			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.370	113	78793	19.969	ug/L	-0.01
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.84%			
43) 1,2-Dichloroethane-d4	5.911	65	86343	23.068	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 115.34%			
60) Toluene-d8	7.911	98	313917	21.524	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.62%			
83) 4-Bromofluorobenzene	11.238	95	113904	23.104	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 115.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.659	85	145682	38.326	ug/L	98
3) Chloromethane	1.879	50	205333	50.045	ug/L	98
4) Vinyl chloride	1.937	62	164858	36.300	ug/L	98
5) Bromomethane	2.272	94	88009	25.287	ug/L	100
6) Chloroethane	2.400	64	116386	42.594	ug/L	98
7) Trichlorofluoromethane	2.551	101	215169	41.063	ug/L	98
8) Ethyl ether	2.863	74	93085	42.451	ug/L	79
10) 1,1-Dichloroethene	3.067	96	125914	39.082	ug/L	96
11) Carbon disulfide	3.100	76	464949	38.410	ug/L	100
12) Freon-113	3.106	101	127439	40.566	ug/L	92
14) Acrolein	3.404	56	8359M1	32.422	ug/L	
15) Methylene chloride	3.636	84	165874	37.997	ug/L	80
17) Acetone	3.680	43	55892	54.023	ug/L	94
18) trans-1,2-Dichloroethene	3.800	96	148278	39.030	ug/L	96
19) Methyl acetate	3.803	43	88657	46.587	ug/L #	88
20) Methyl tert-butyl ether	3.898	73	482106	41.185	ug/L	89
21) tert-Butyl alcohol	3.979	59	68825	177.333	ug/L	92
22) Diisopropyl ether	4.266	45	639750	49.847	ug/L	96
23) 1,1-Dichloroethane	4.397	63	311400	44.735	ug/L	97
24) Halothane	4.442	117	104739	37.710	ug/L	100
25) Acrylonitrile	4.447	53	47177M1	46.330	ug/L	

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B01.D
Acq On : 11 Mar 2026 12:59 pm
Operator : VOA111:BAD
Sample : WG2183467-10,31H,15,15,0.100,,
Misc : WG2183467,ICAL22987
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 11 13:39:23 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260311B\V11260311B01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.620	59	558382	43.841	ug/L		95
27) Vinyl acetate	4.637	43	397674	43.926	ug/L		97
28) cis-1,2-Dichloroethene	4.927	96	168626	38.880	ug/L		93
29) 2,2-Dichloropropane	5.030	77	237829	41.992	ug/L		94
30) Bromochloromethane	5.128	128	76082	37.047	ug/L		83
31) Cyclohexane	5.136	56	266107	46.021	ug/L		78
32) Chloroform	5.197	83	294106	40.265	ug/L		96
33) Ethyl acetate	5.309	43	139516	46.330	ug/L	#	95
34) Carbon tetrachloride	5.340	117	205343	39.054	ug/L		97
35) Tetrahydrofuran	5.356	42	49557M1	48.217	ug/L		
37) 1,1,1-Trichloroethane	5.404	97	240062	41.437	ug/L		97
39) 2-Butanone	5.499	43	51176	44.919	ug/L	#	76
40) 1,1-Dichloropropene	5.529	75	205641	44.418	ug/L		97
41) Benzene	5.777	78	626048	41.550	ug/L		93
42) tert-Amyl methyl ether	5.886	73	456601	38.698	ug/L		93
44) 1,2-Dichloroethane	5.981	62	224013	43.331	ug/L		99
47) Methyl cyclohexane	6.377	83	243115	40.369	ug/L		82
48) Trichloroethene	6.385	95	161325	39.657	ug/L		92
50) Dibromomethane	6.832	93	94331	37.618	ug/L		93
51) 1,2-Dichloropropane	6.932	63	174193	43.131	ug/L		97
54) Bromodichloromethane	6.999	83	226785	40.138	ug/L		99
57) 1,4-Dioxane	7.216	88	56849M1	2169.195	ug/L		
58) cis-1,3-Dichloropropene	7.696	75	272579	42.184	ug/L		91
61) Toluene	7.969	92	381033	40.848	ug/L		98
62) 4-Methyl-2-pentanone	8.402	58	46558	39.842	ug/L	#	98
63) Tetrachloroethene	8.427	166	140037	37.409	ug/L		94
65) trans-1,3-Dichloropropene	8.449	75	237208	42.599	ug/L	#	82
67) Ethyl methacrylate	8.639	69	172003	40.288	ug/L		96
68) 1,1,2-Trichloroethane	8.639	83	115539	41.196	ug/L		98
69) Chlorodibromomethane	8.853	129	158000	38.390	ug/L		98
70) 1,3-Dichloropropane	8.962	76	237408	42.761	ug/L		99
71) 1,2-Dibromoethane	9.135	107	128649	41.160	ug/L		98
72) 2-Hexanone	9.425	43	77428	45.463	ug/L	#	92
73) Chlorobenzene	9.793	112	424566	39.527	ug/L	#	83
74) Ethylbenzene	9.829	91	734056	40.900	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.868	131	154454	37.653	ug/L		99
76) p/m Xylene	10.013	106	547376	80.776	ug/L		92
77) o Xylene	10.546	106	543830	78.636	ug/L		93
78) Styrene	10.607	104	910600	78.568	ug/L		97
80) Bromoform	10.635	173	85180	35.387	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B01.D
Acq On : 11 Mar 2026 12:59 pm
Operator : VOA111:BAD
Sample : WG2183467-10,31H,15,15,0.100,,
Misc : WG2183467,ICAL22987
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 11 13:39:23 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260311B\V11260311B01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
82) Isopropylbenzene	10.920	105	692741	43.148	ug/L		98
84) Bromobenzene	11.352	156	164858	38.238	ug/L		99
85) n-Propylbenzene	11.388	91	838146	44.644	ug/L		97
86) 1,4-Dichlorobutane	11.402	55	259746	49.033	ug/L		96
87) 1,1,2,2-Tetrachloroethane	11.464	83	165469	42.861	ug/L		99
88) 4-Ethyltoluene	11.511	105	688400	43.475	ug/L		98
89) 2-Chlorotoluene	11.556	91	508469	44.457	ug/L		96
90) 1,3,5-Trimethylbenzene	11.606	105	590587	42.692	ug/L		96
91) 1,2,3-Trichloropropane	11.606	75	129680	43.719	ug/L		98
92) trans-1,4-Dichloro-2-b...	11.659	53	45046	41.590	ug/L	#	82
93) 4-Chlorotoluene	11.734	91	538967	45.336	ug/L		94
94) tert-Butylbenzene	11.943	119	485696	41.949	ug/L		96
97) 1,2,4-Trimethylbenzene	12.021	105	589153	43.207	ug/L		96
98) sec-Butylbenzene	12.133	105	727240	42.589	ug/L		98
99) p-Isopropyltoluene	12.283	119	629038	42.178	ug/L		97
100) 1,3-Dichlorobenzene	12.356	146	320397	39.847	ug/L		98
101) 1,4-Dichlorobenzene	12.442	146	318528	37.636	ug/L		98
102) p-Diethylbenzene	12.649	119	366812	41.408	ug/L		97
103) n-Butylbenzene	12.710	91	594544	44.163	ug/L		97
104) 1,2-Dichlorobenzene	12.863	146	301816	39.841	ug/L		98
105) 1,2,4,5-Tetramethylben...	13.438	119	555439	41.095	ug/L		97
106) 1,2-Dibromo-3-chloropr...	13.636	155	20177	34.971	ug/L		99
107) 1,3,5-Trichlorobenzene	13.667	180	214367	38.115	ug/L		97
108) Hexachlorobutadiene	14.238	225	99014	39.202	ug/L		99
109) 1,2,4-Trichlorobenzene	14.263	180	166335	36.715	ug/L		99
110) Naphthalene	14.556	128	315249	37.145	ug/L		100
111) 1,2,3-Trichlorobenzene	14.723	180	122550	35.149	ug/L		97

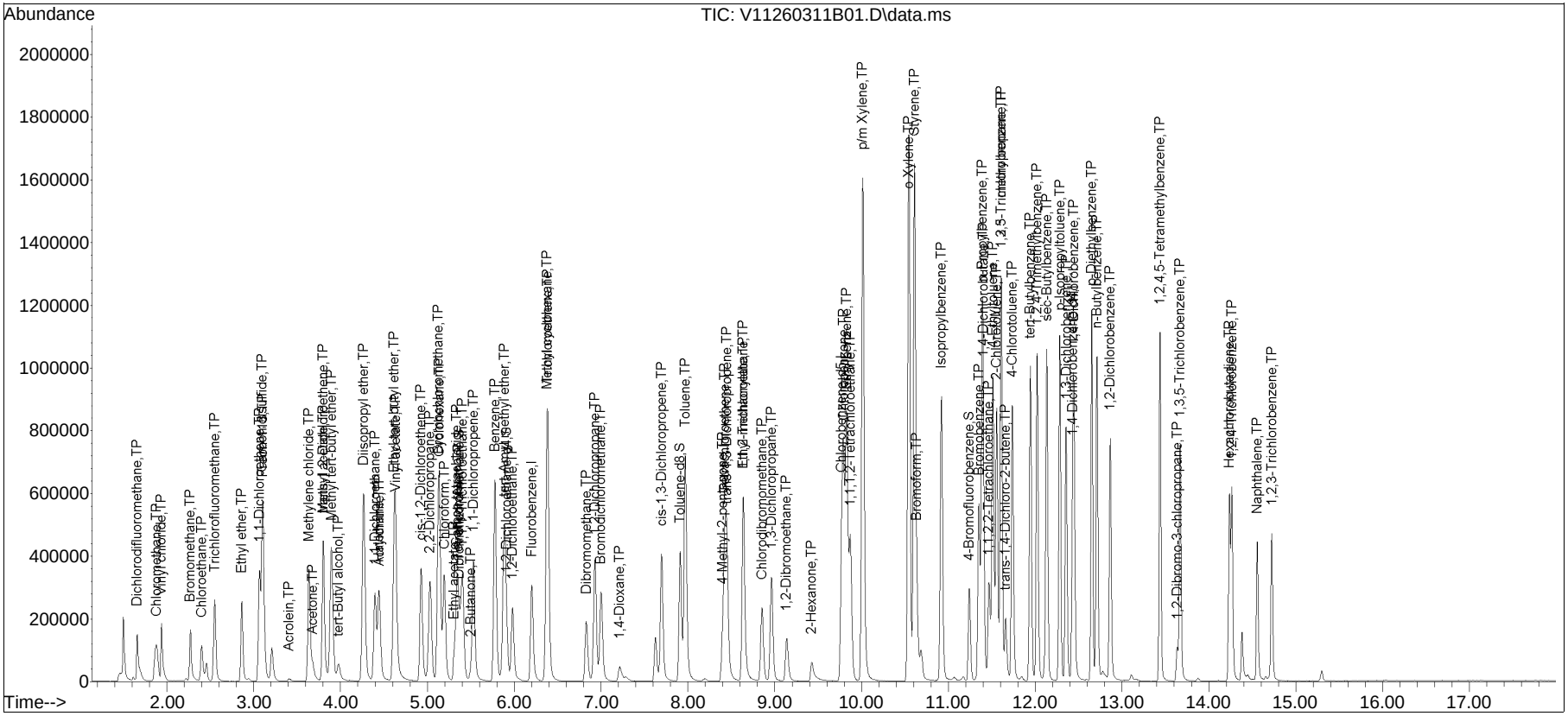
(#) = qualifier out of range (m) = manual integration (+) = signals summed

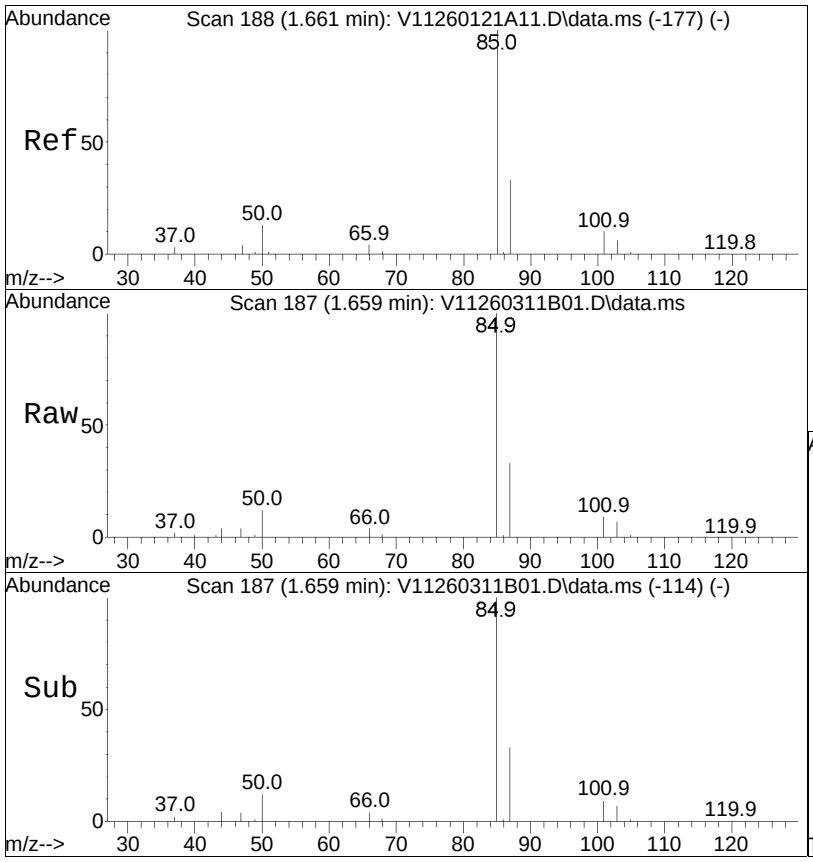
Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B01.D
Acq On : 11 Mar 2026 12:59 pm
Operator : VOA111:BAD
Sample : WG2183467-10,31H,15,15,0.100,,
Misc : WG2183467,ICAL22987
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 11 13:39:23 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

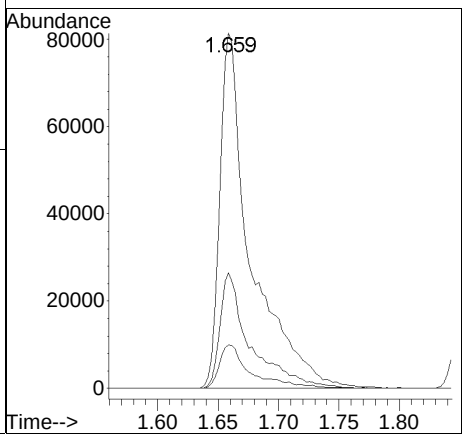


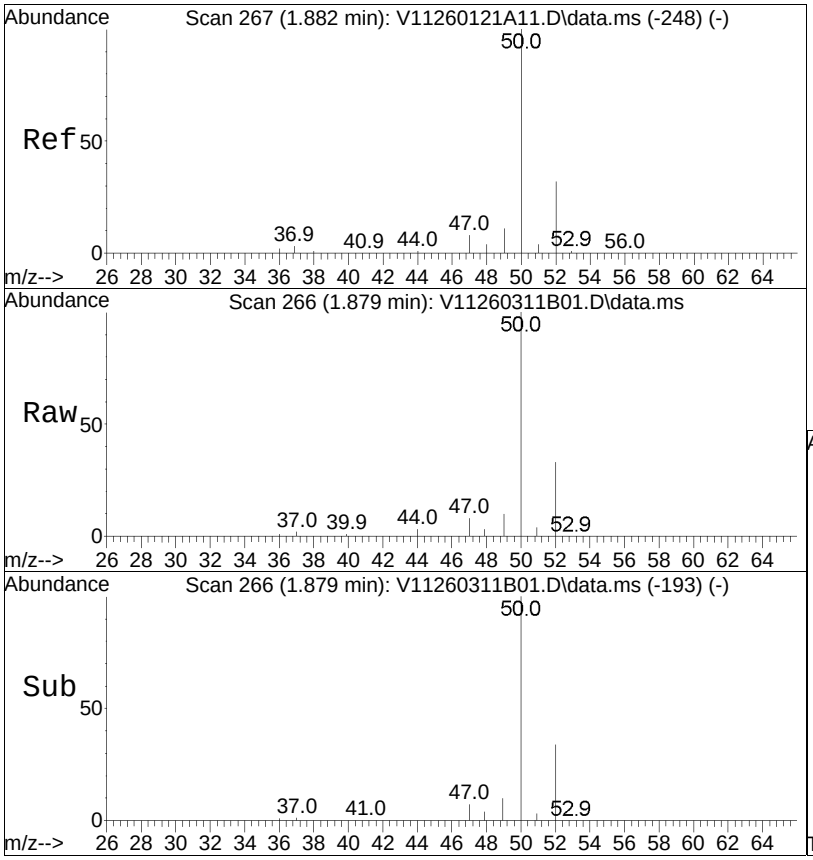


#2
Dichlorodifluoromethane
Concen: 38.33 ug/L
RT: 1.659 min Scan# 187
Delta R.T. 0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 85 Resp: 145682

Ion	Ratio	Lower	Upper
85	100		
87	32.0	20.7	43.1
50	12.5	9.8	20.3

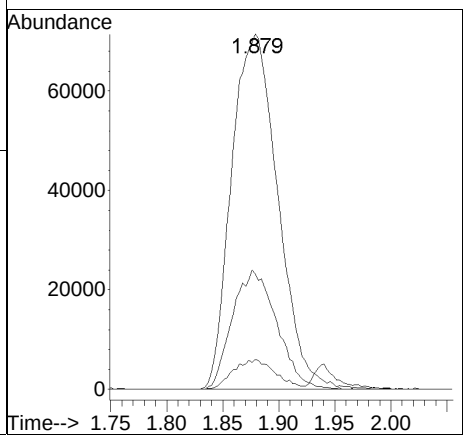


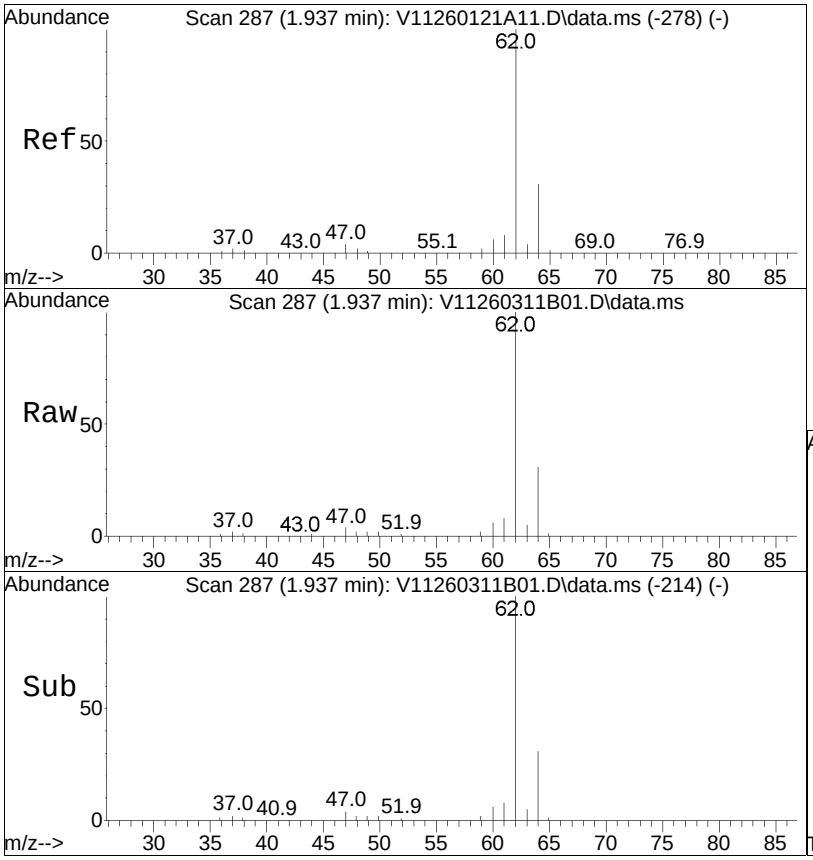


#3
Chloromethane
Concen: 50.04 ug/L
RT: 1.879 min Scan# 266
Delta R.T. 0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 50 Resp: 205333

Ion	Ratio	Lower	Upper
50	100		
52	32.3	10.9	50.9
47	7.7	0.0	27.2

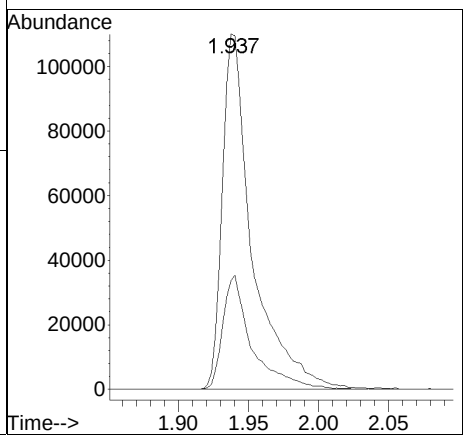


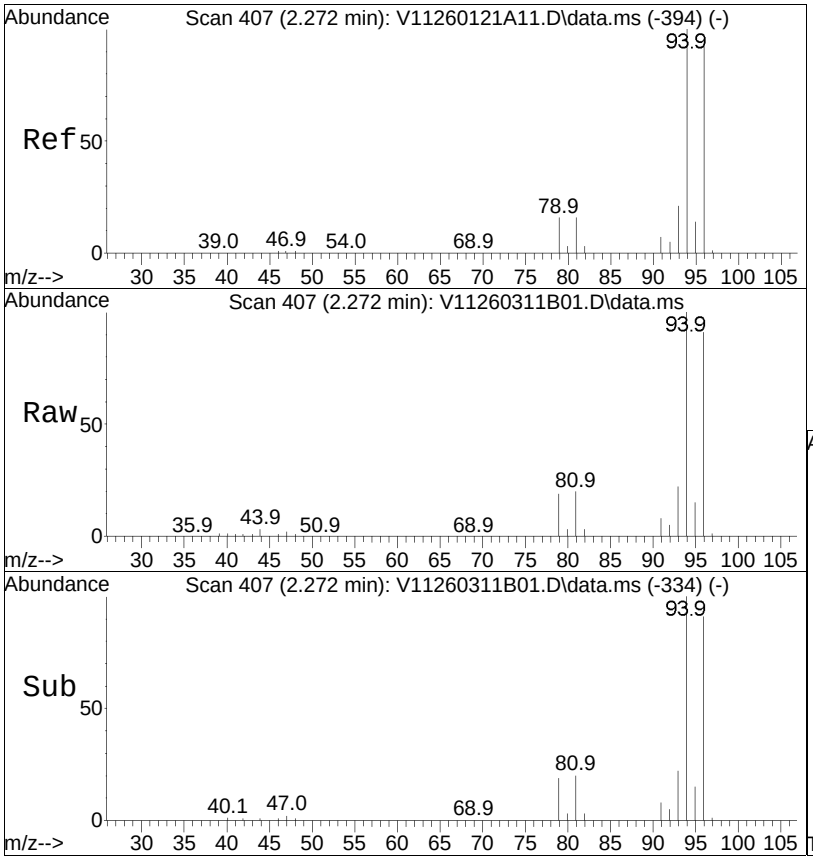


#4
Vinyl chloride
Concen: 36.30 ug/L
RT: 1.937 min Scan# 287
Delta R.T. 0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 62 Resp: 164858

Ion	Ratio	Lower	Upper
62	100		
64	31.1	9.9	49.9

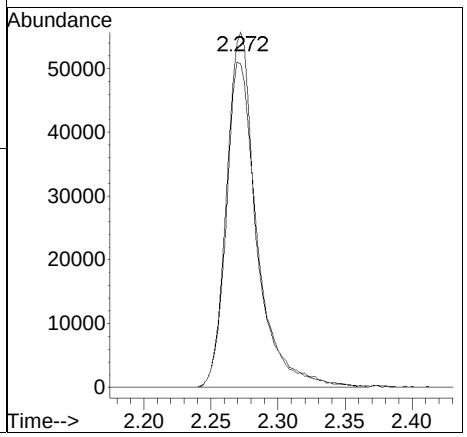


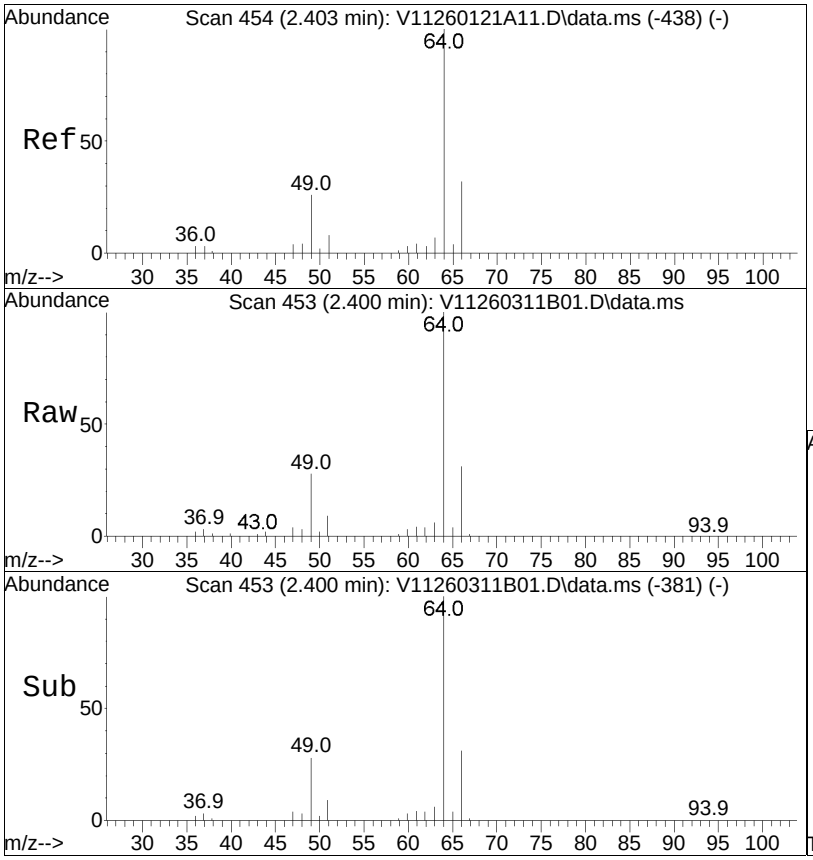


#5
Bromomethane
Concen: 25.29 ug/L
RT: 2.272 min Scan# 407
Delta R.T. 0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 94 Resp: 88009

Ion	Ratio	Lower	Upper
94	100		
96	92.7	72.6	112.6

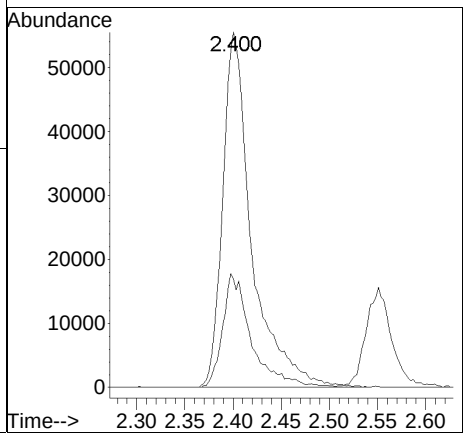


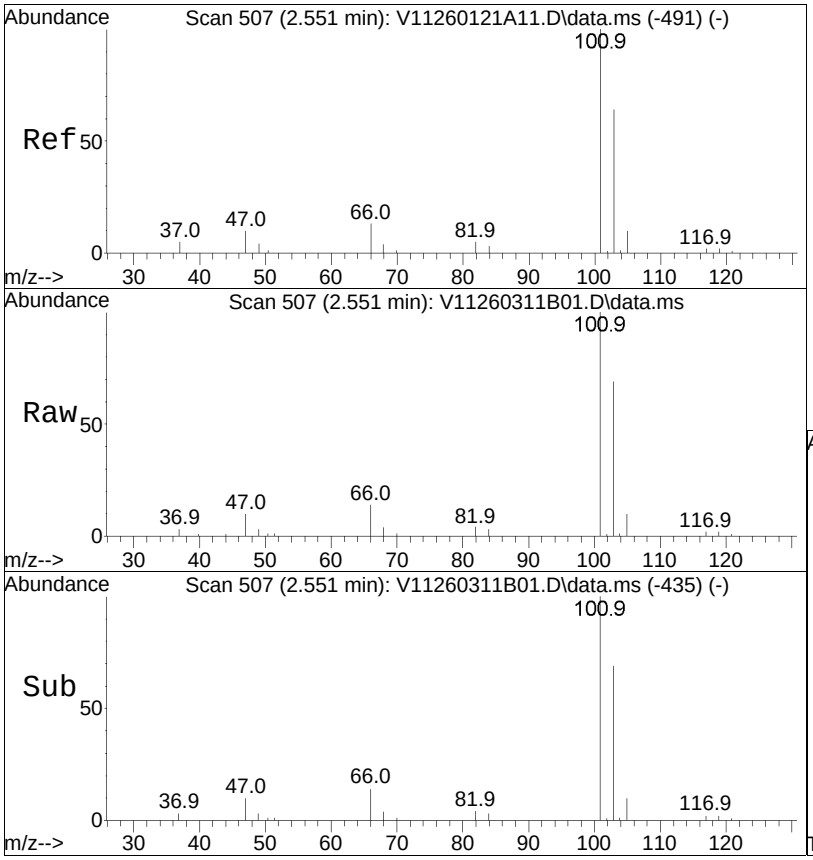


#6
Chloroethane
Concen: 42.59 ug/L
RT: 2.400 min Scan# 453
Delta R.T. -0.000 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 64 Resp: 116386

Ion	Ratio	Lower	Upper
64	100		
66	31.3	10.2	50.2

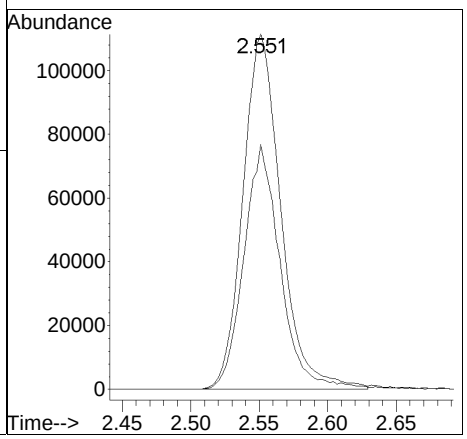


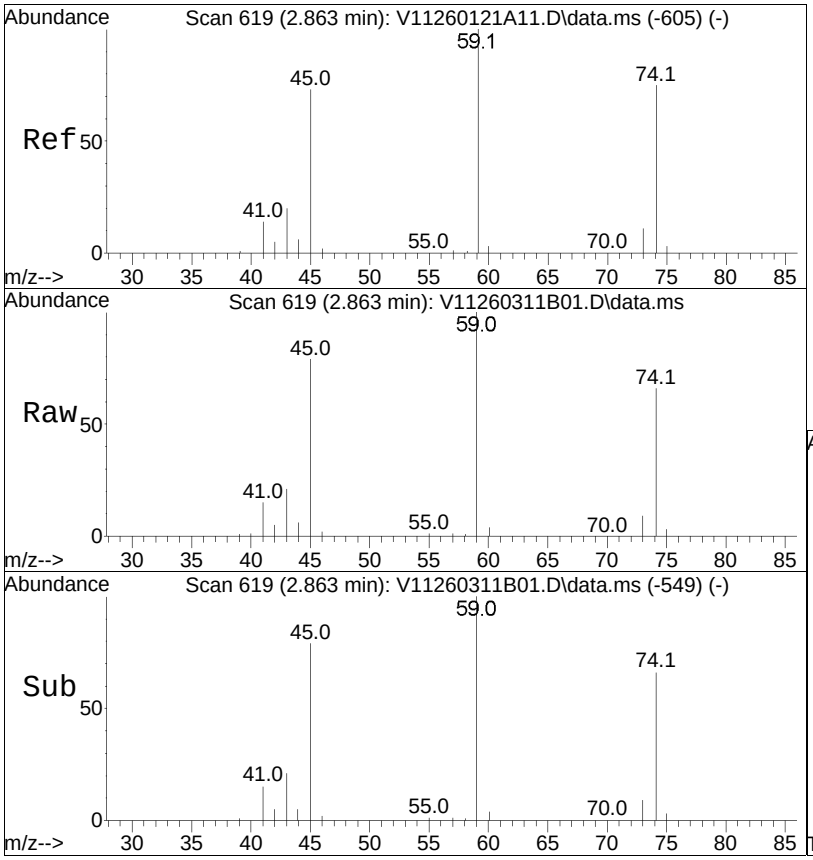


#7
Trichlorofluoromethane
Concen: 41.06 ug/L
RT: 2.551 min Scan# 507
Delta R.T. -0.000 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:101 Resp: 215169

Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.8	77.6

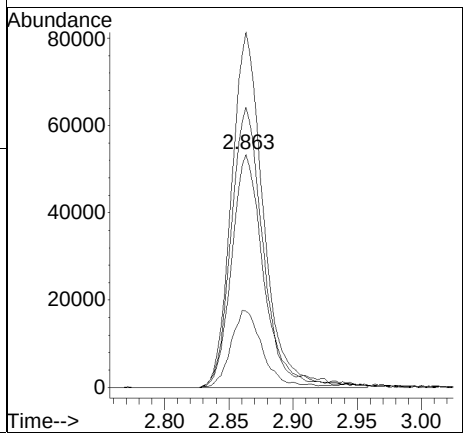


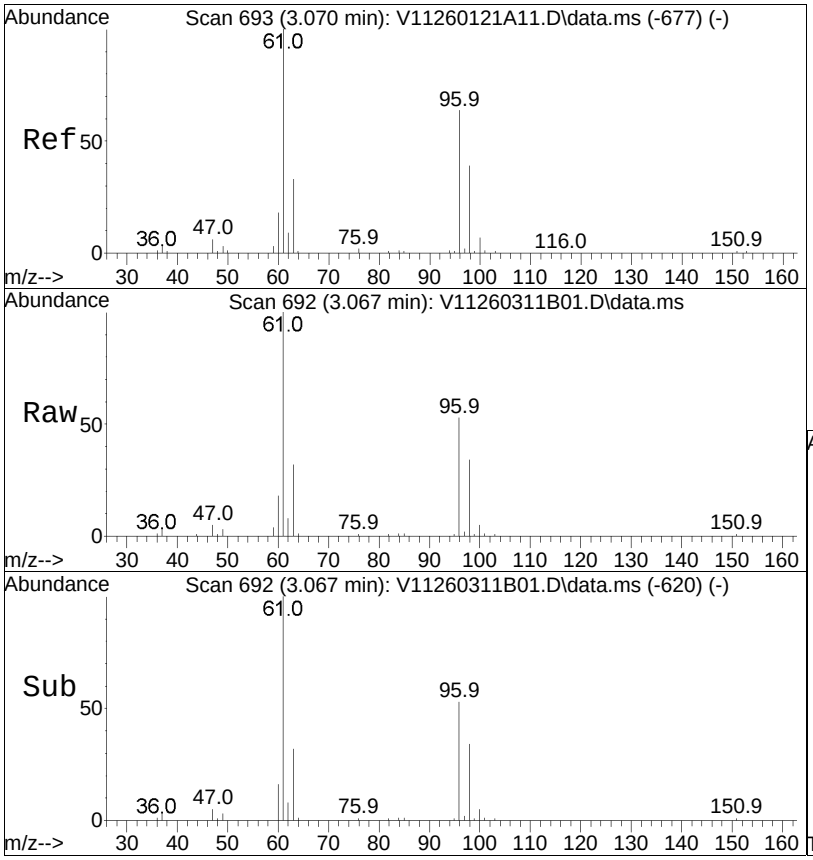


#8
Ethyl ether
Concen: 42.45 ug/L
RT: 2.863 min Scan# 619
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 74 Resp: 93085

Ion	Ratio	Lower	Upper
74	100		
59	150.6	113.5	235.7
45	120.2	100.4	208.4
43	32.3	27.1	56.3

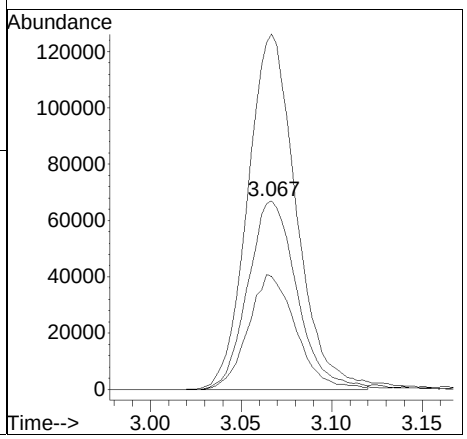


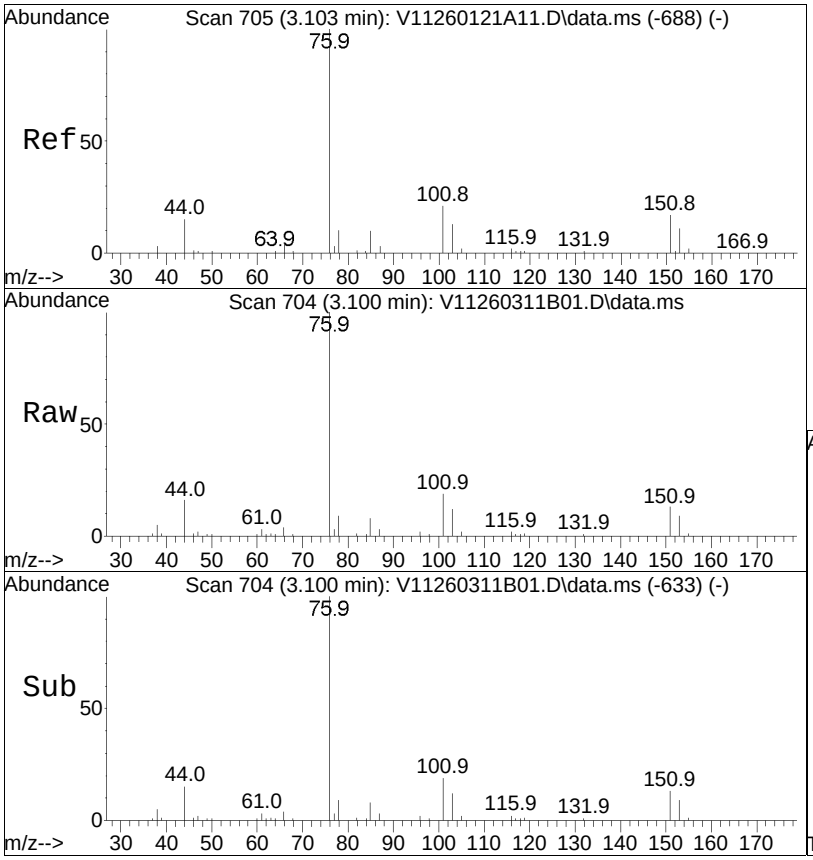


#10
1,1-Dichloroethene
Concen: 39.08 ug/L
RT: 3.067 min Scan# 692
Delta R.T. -0.000 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 96 Resp: 125914

Ion	Ratio	Lower	Upper
96	100		
61	188.9	157.7	236.5
63	59.8	47.9	71.9

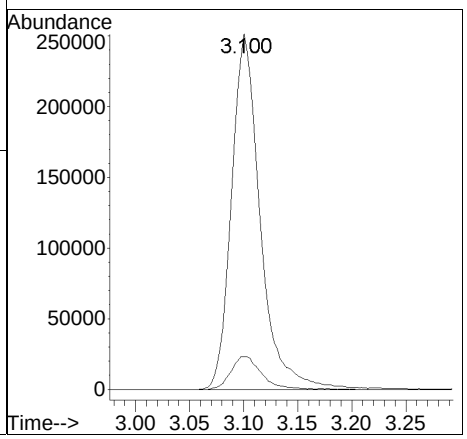


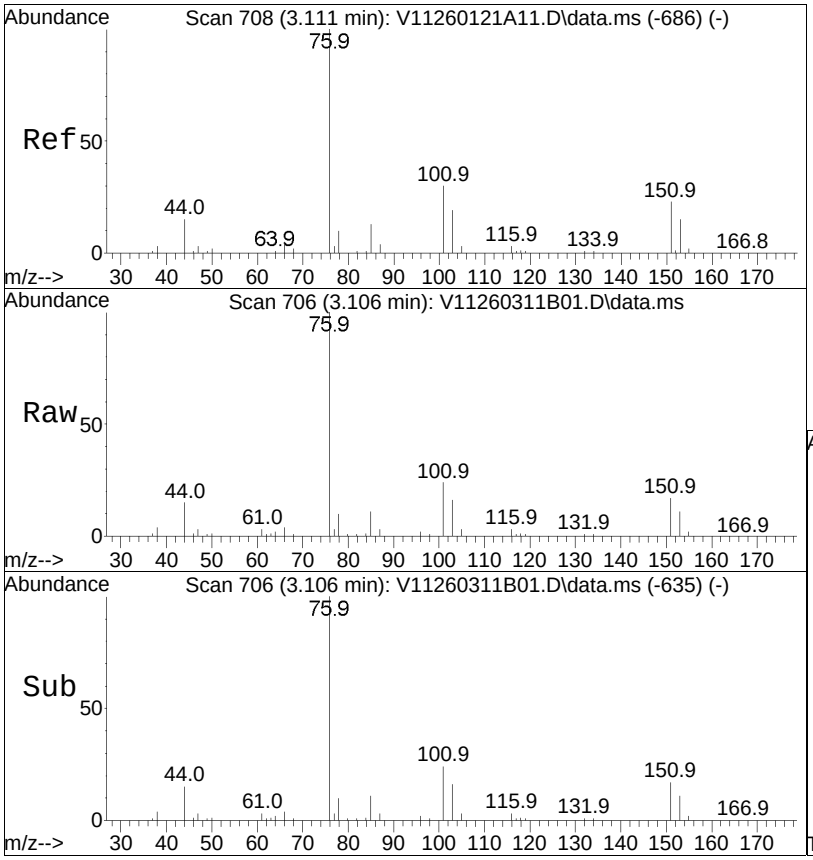


#11
Carbon disulfide
Concen: 38.41 ug/L
RT: 3.100 min Scan# 704
Delta R.T. -0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 76 Resp: 464949

Ion	Ratio	Lower	Upper
76	100		
78	9.8	6.4	13.4

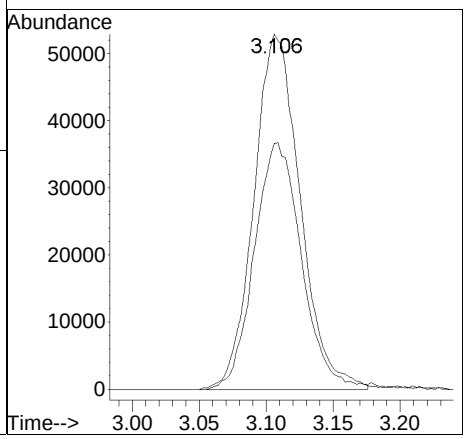


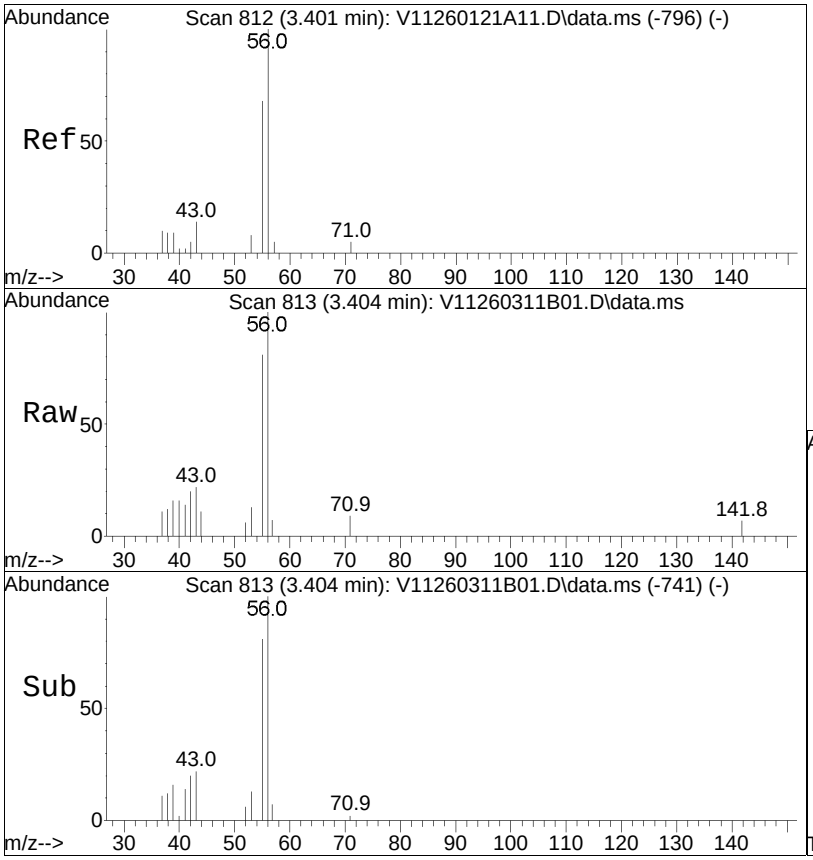


#12
Freon-113
Concen: 40.57 ug/L
RT: 3.106 min Scan# 706
Delta R.T. -0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:101 Resp: 127439

Ion	Ratio	Lower	Upper
101	100		
151	70.7	62.2	93.4

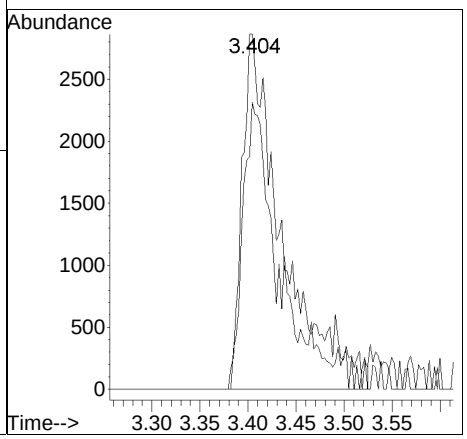


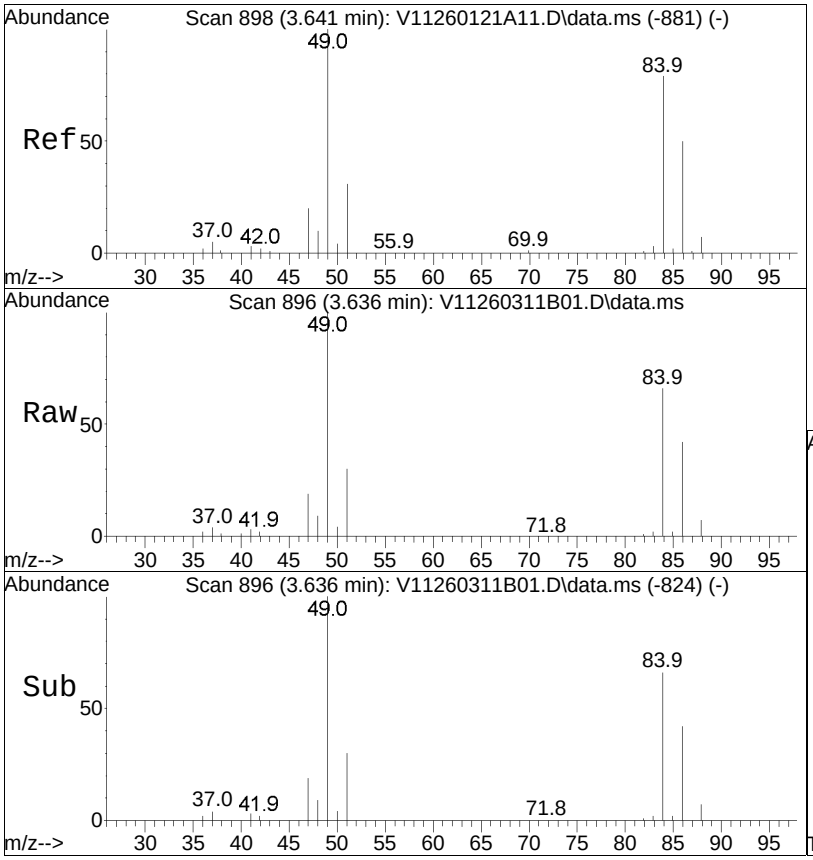


#14
Acrolein
Concen: 32.42 ug/L M1
RT: 3.404 min Scan# 813
Delta R.T. 0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 56 Resp: 8359

Ion	Ratio	Lower	Upper
56	100		
55	49.9	54.6	82.0#

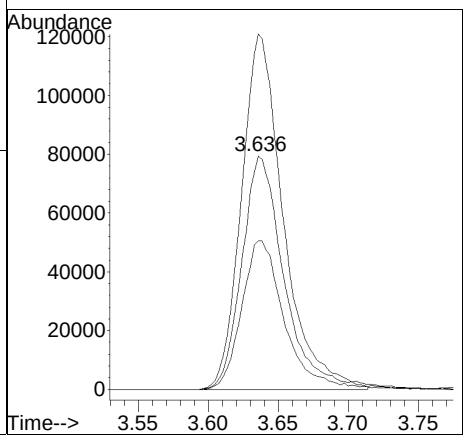


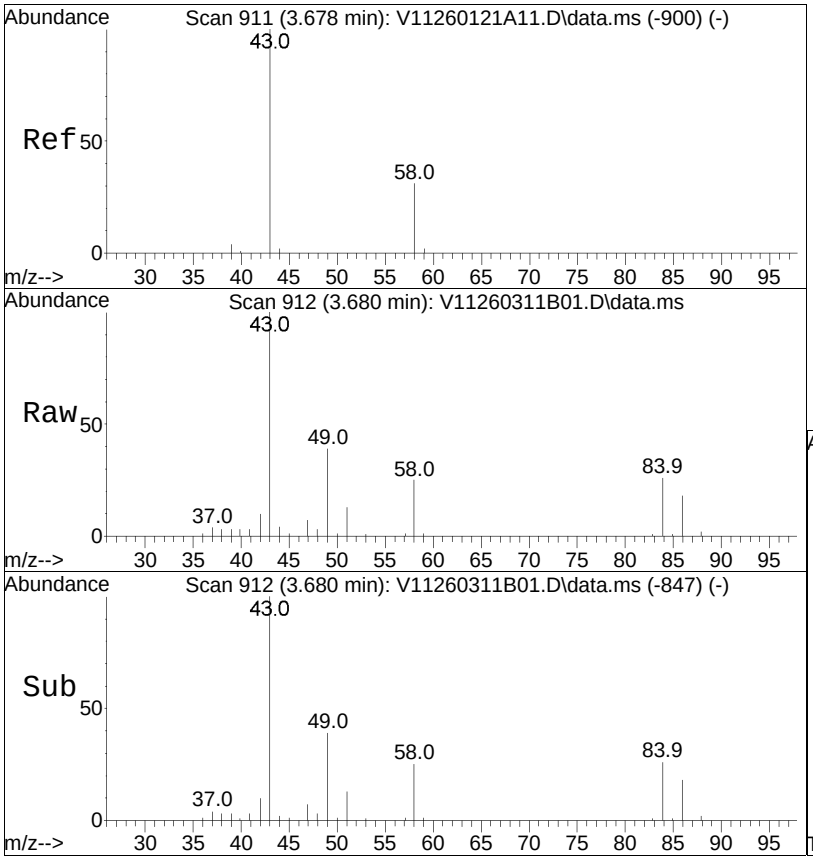


#15
Methylene chloride
Concen: 38.00 ug/L
RT: 3.636 min Scan# 896
Delta R.T. -0.000 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 84 Resp: 165874

Ion	Ratio	Lower	Upper
84	100		
86	64.7	41.1	85.3
49	152.8	124.2	258.0

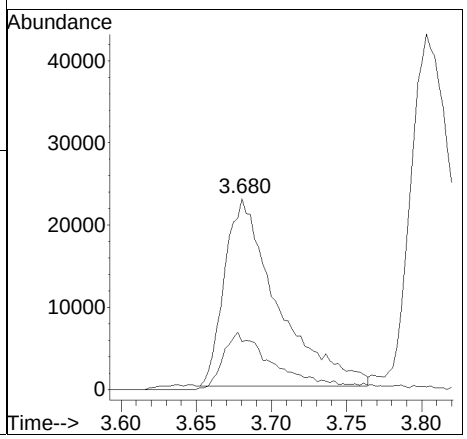


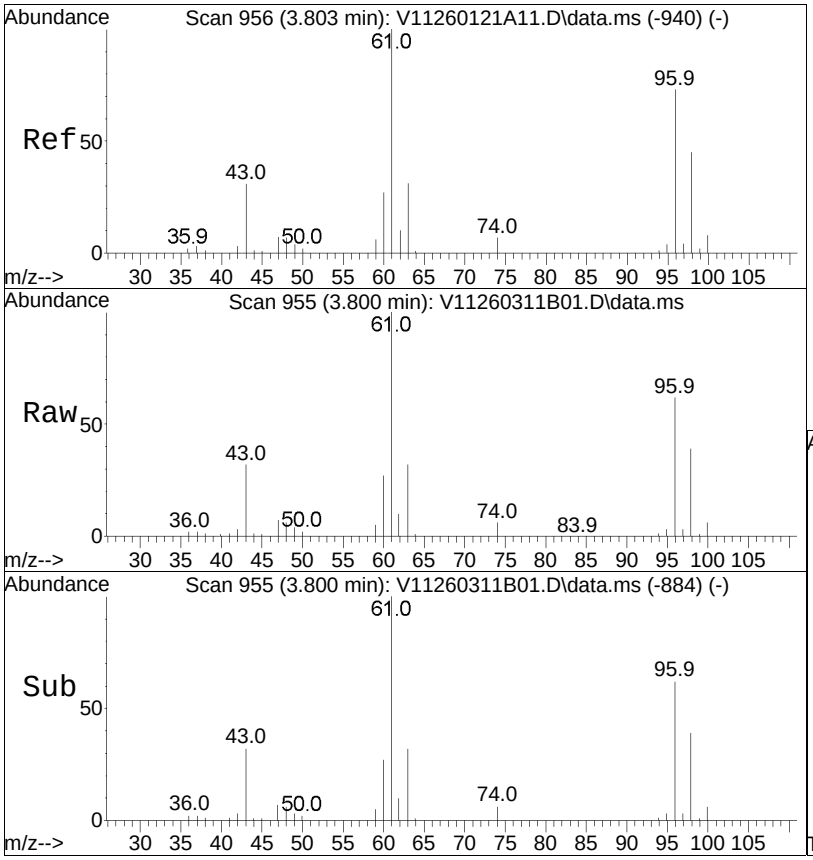


#17
Acetone
Concen: 54.02 ug/L
RT: 3.680 min Scan# 912
Delta R.T. -0.020 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 43 Resp: 55892

Ion	Ratio	Lower	Upper
43	100		
58	29.2	20.8	31.2

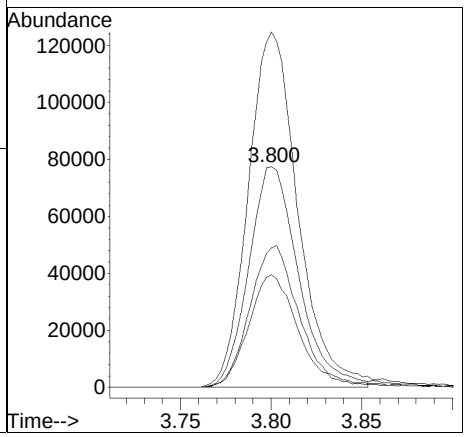


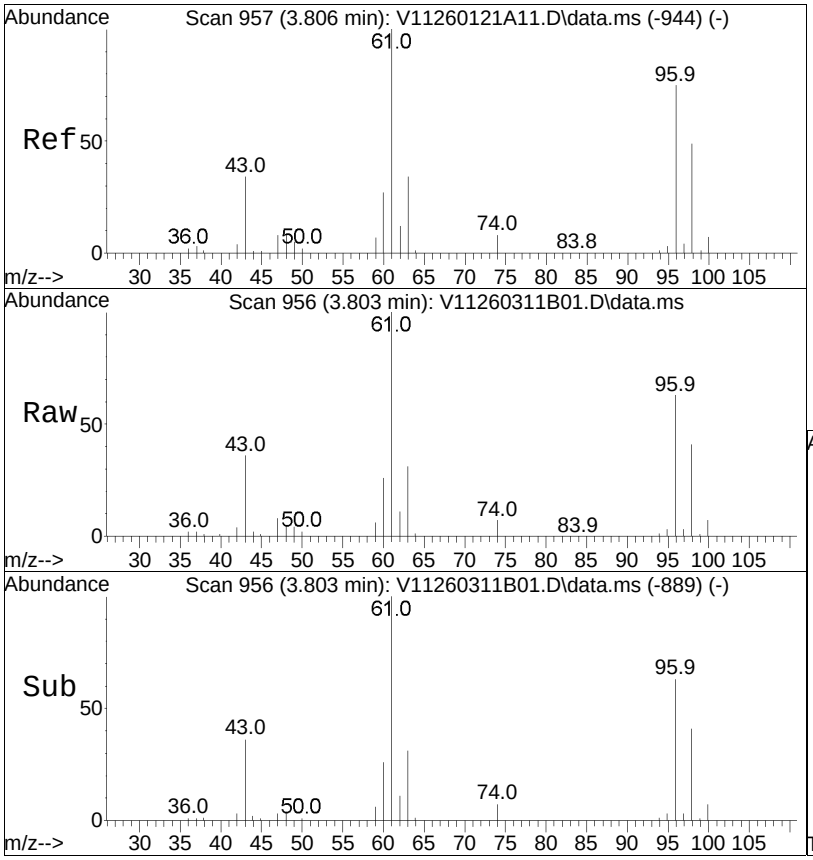


#18
trans-1,2-Dichloroethene
Concen: 39.03 ug/L
RT: 3.800 min Scan# 955
Delta R.T. -0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 96 Resp: 148278

Ion	Ratio	Lower	Upper
96	100		
61	163.6	111.1	230.8
98	63.2	41.8	86.8
63	51.3	33.3	69.1

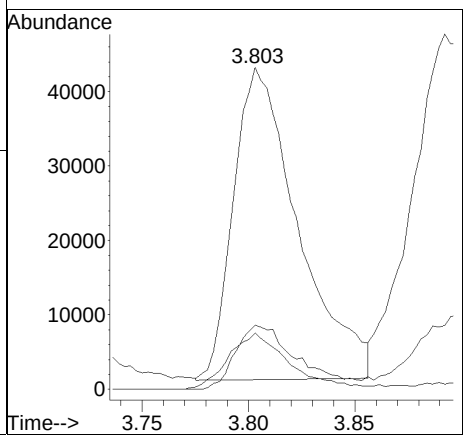


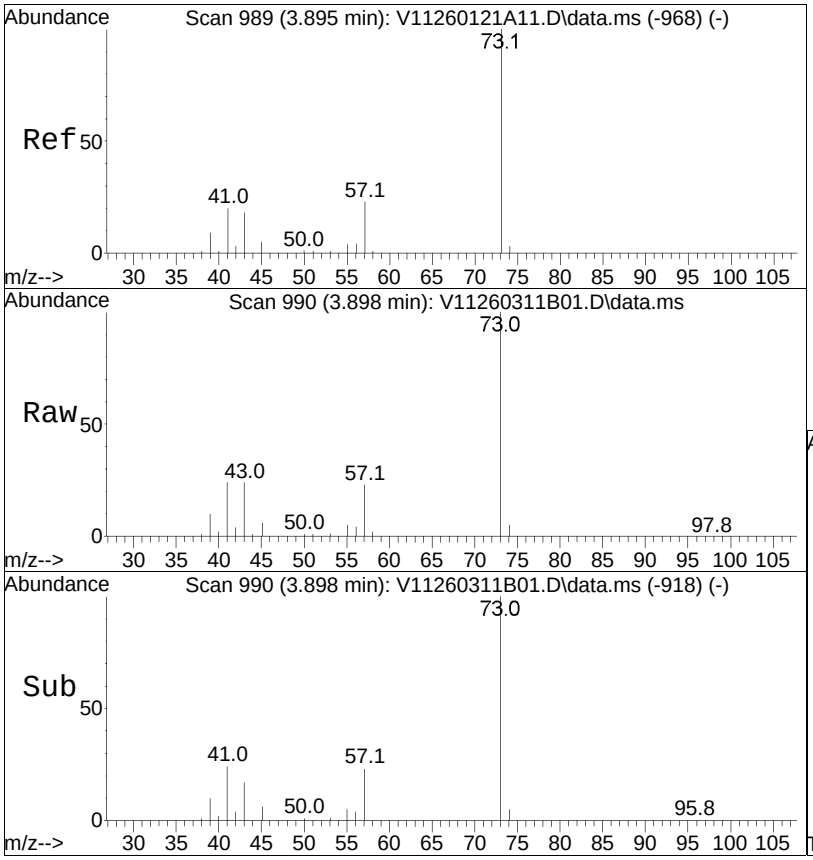


#19
Methyl acetate
Concen: 46.59 ug/L
RT: 3.803 min Scan# 956
Delta R.T. -0.014 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 43 Resp: 88657

Ion	Ratio	Lower	Upper
43	100		
74	20.0	11.3	16.9#
59	16.9	10.4	15.6#

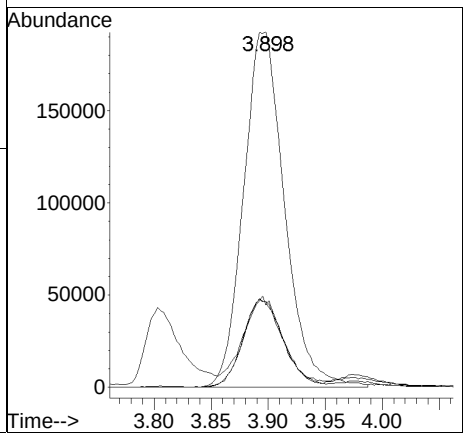


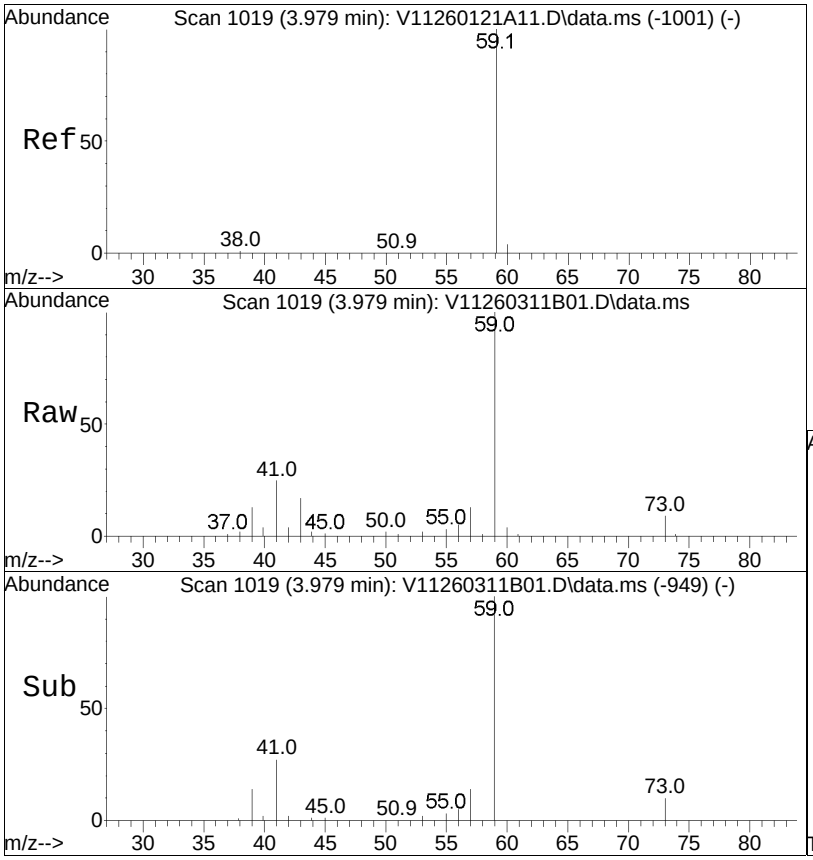


#20
Methyl tert-butyl ether
Concen: 41.18 ug/L
RT: 3.898 min Scan# 990
Delta R.T. -0.000 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 73 Resp: 482106

Ion	Ratio	Lower	Upper
73	100		
57	24.4	19.6	40.6
43	24.1	18.5	38.3
41	24.1	20.3	42.1

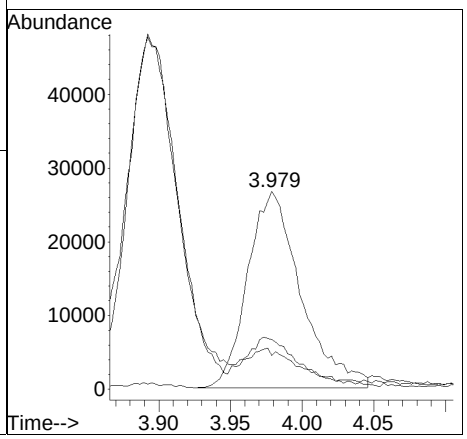


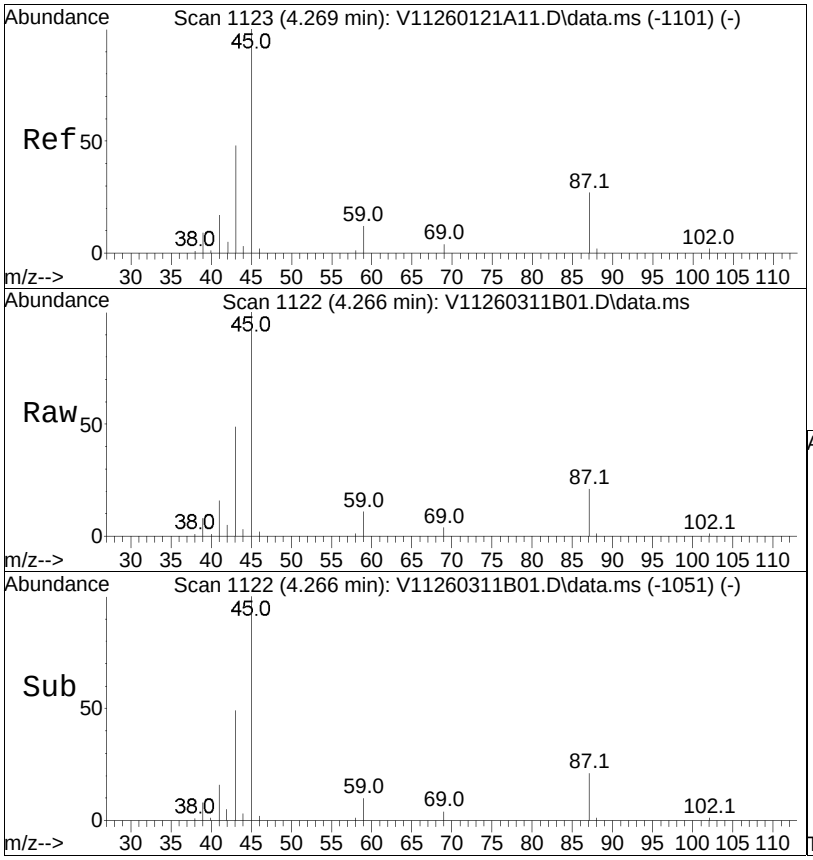


#21
tert-Butyl alcohol
Concen: 177.33 ug/L
RT: 3.979 min Scan# 1019
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 59 Resp: 68825

Ion	Ratio	Lower	Upper
59	100		
41	22.3	17.1	35.5
43	14.1	11.5	23.9

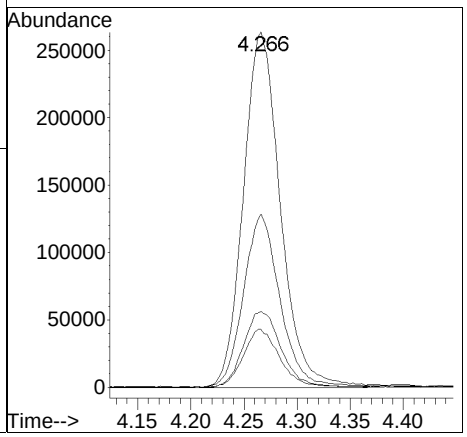


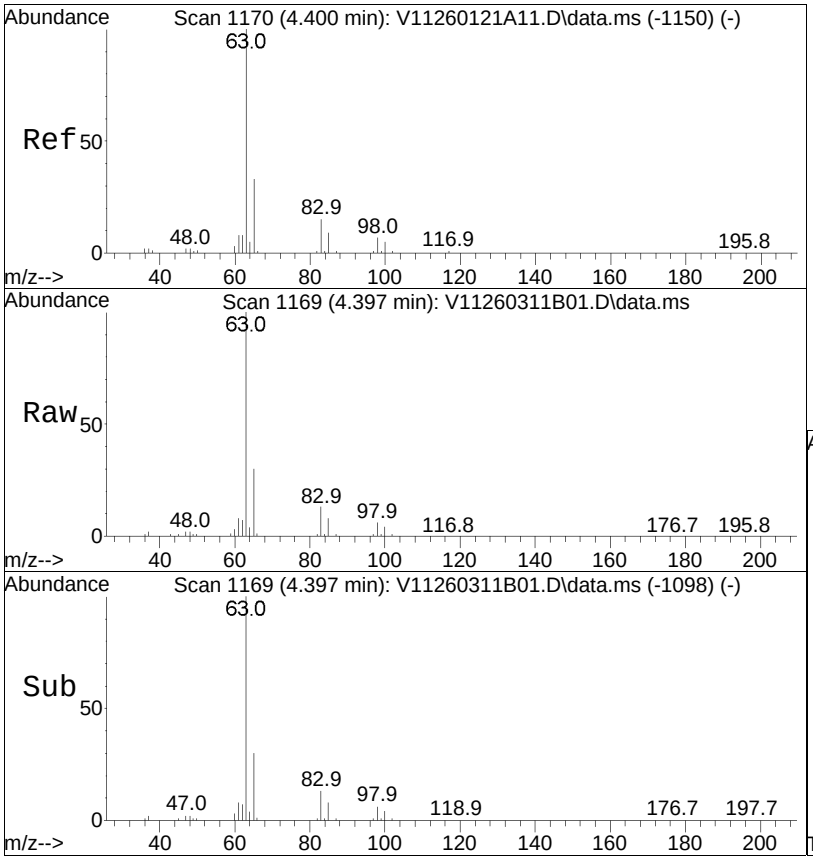


#22
Diisopropyl ether
Concen: 49.85 ug/L
RT: 4.266 min Scan# 1122
Delta R.T. -0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 45 Resp: 639750

Ion	Ratio	Lower	Upper
45	100		
43	47.5	30.0	62.2
87	21.8	11.1	23.0
41	16.2	9.9	20.7

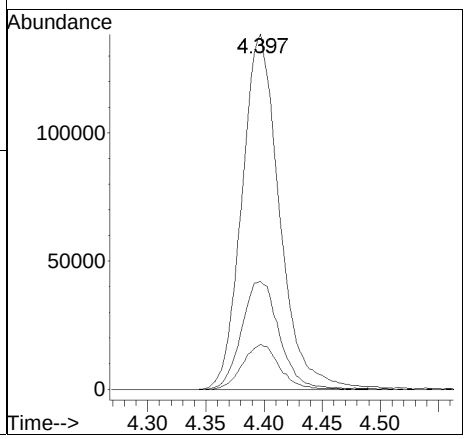


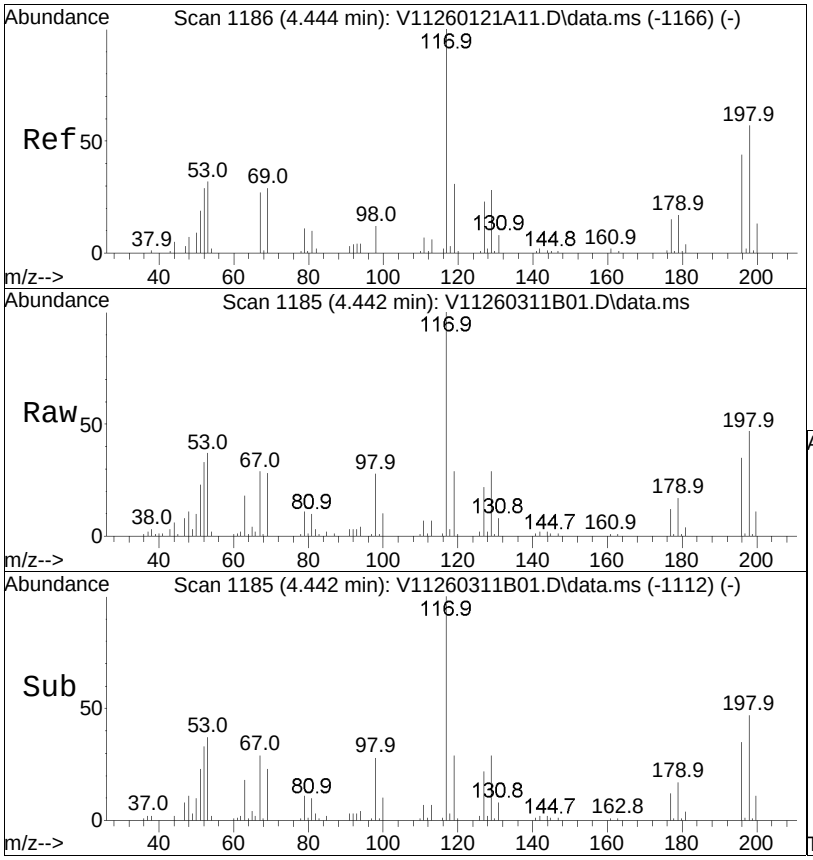


#23
1,1-Dichloroethane
Concen: 44.74 ug/L
RT: 4.397 min Scan# 1169
Delta R.T. -0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 63 Resp: 311400

Ion	Ratio	Lower	Upper
63	100		
65	30.6	9.0	49.0
83	12.4	0.0	31.4

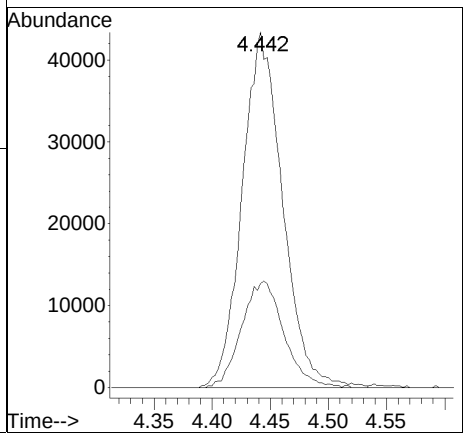


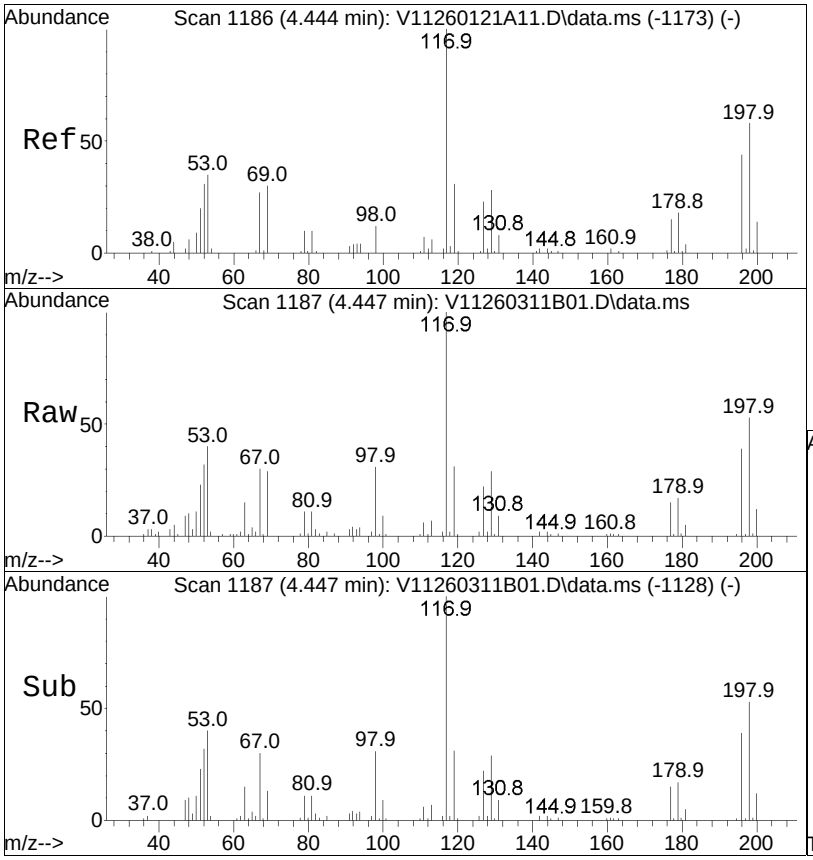


#24
Halothane
Concen: 37.71 ug/L
RT: 4.442 min Scan# 1185
Delta R.T. 0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:117 Resp: 104739

Ion	Ratio	Lower	Upper
117	100		
119	31.3	20.3	42.1

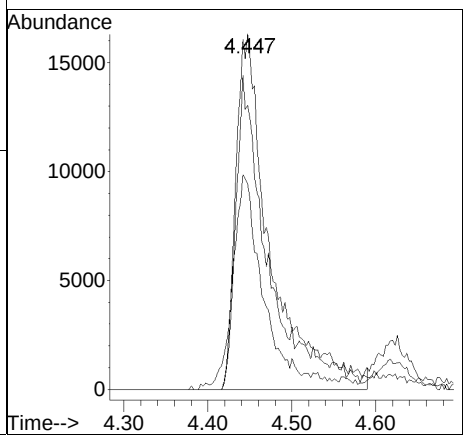


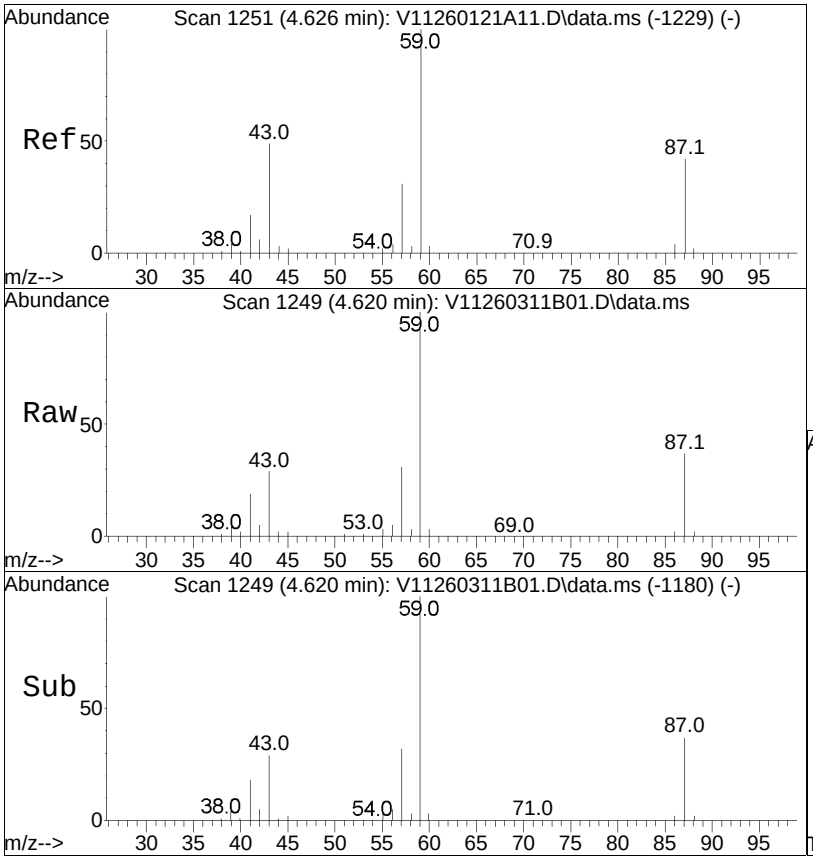


#25
Acrylonitrile
Concen: 46.33 ug/L M1
RT: 4.447 min Scan# 1187
Delta R.T. -0.036 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 53 Resp: 47177

Ion	Ratio	Lower	Upper
53	100		
52	70.2	66.9	100.3
51	49.6	42.6	63.8

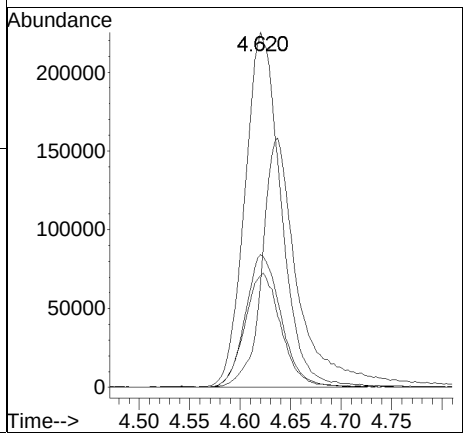


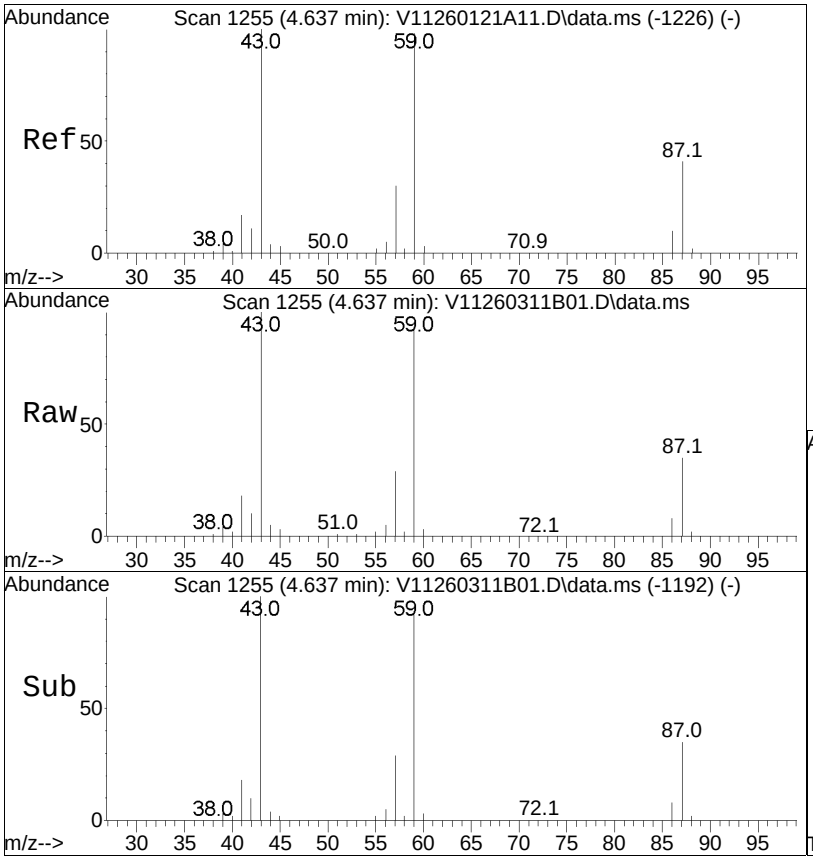


#26
Ethyl tert-butyl ether
Concen: 43.84 ug/L
RT: 4.620 min Scan# 1249
Delta R.T. -0.008 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 59 Resp: 558382

Ion	Ratio	Lower	Upper
59	100		
87	37.4	21.6	44.8
57	32.5	22.2	46.0
43	71.2	48.8	101.4

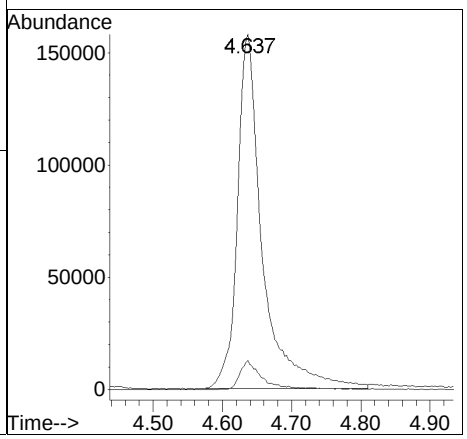


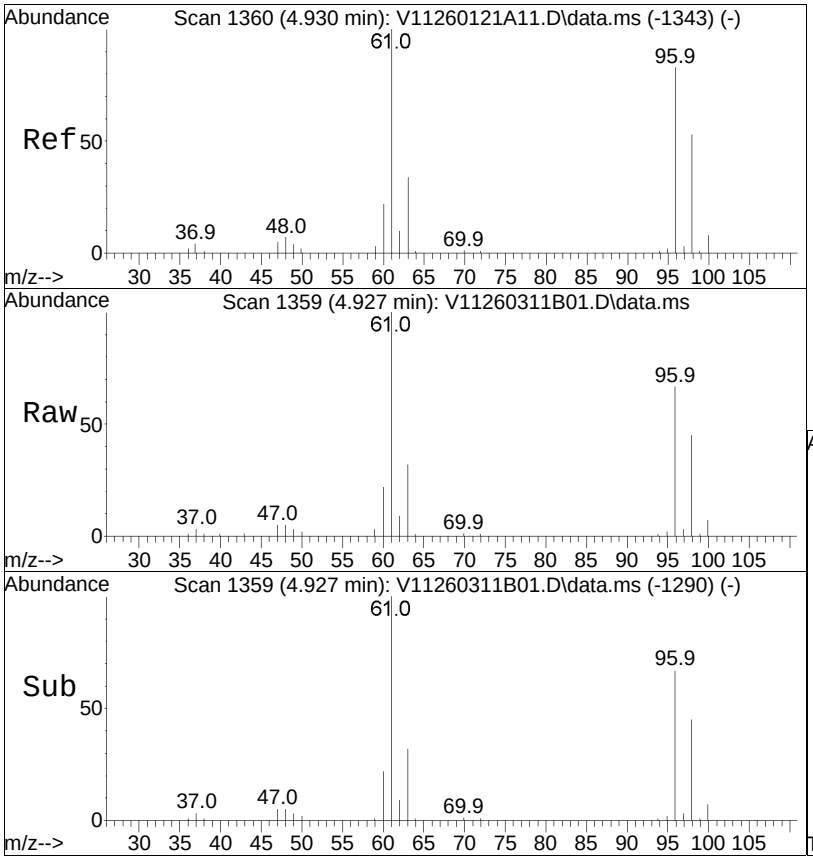


#27
Vinyl acetate
Concen: 43.93 ug/L
RT: 4.637 min Scan# 1255
Delta R.T. -0.025 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 43 Resp: 397674

Ion	Ratio	Lower	Upper
43	100		
86	6.6	4.6	6.8

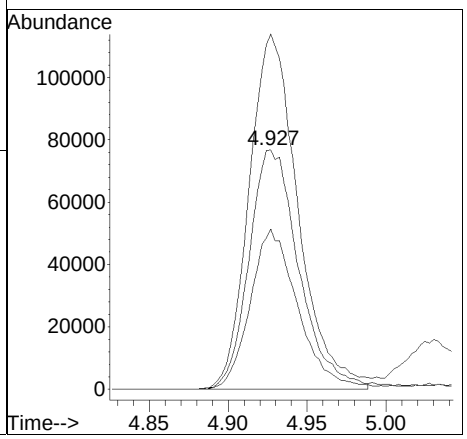


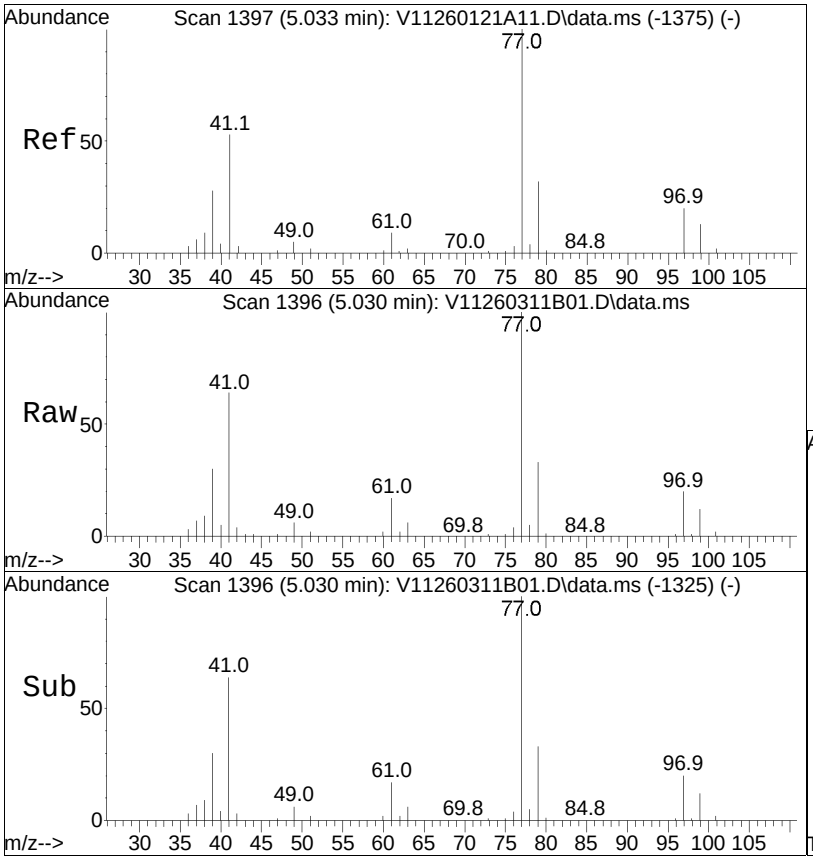


#28
cis-1,2-Dichloroethene
Concen: 38.88 ug/L
RT: 4.927 min Scan# 1359
Delta R.T. -0.008 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 96 Resp: 168626

Ion	Ratio	Lower	Upper
96	100		
61	146.1	126.3	189.5
98	64.2	51.0	76.6

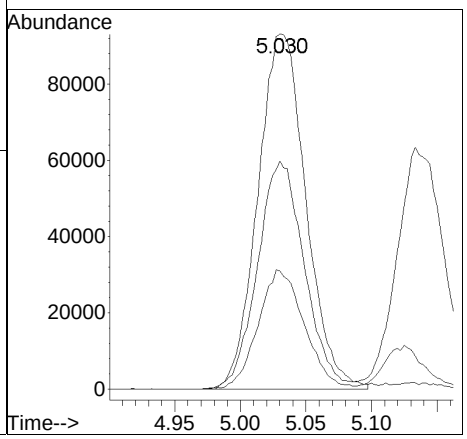


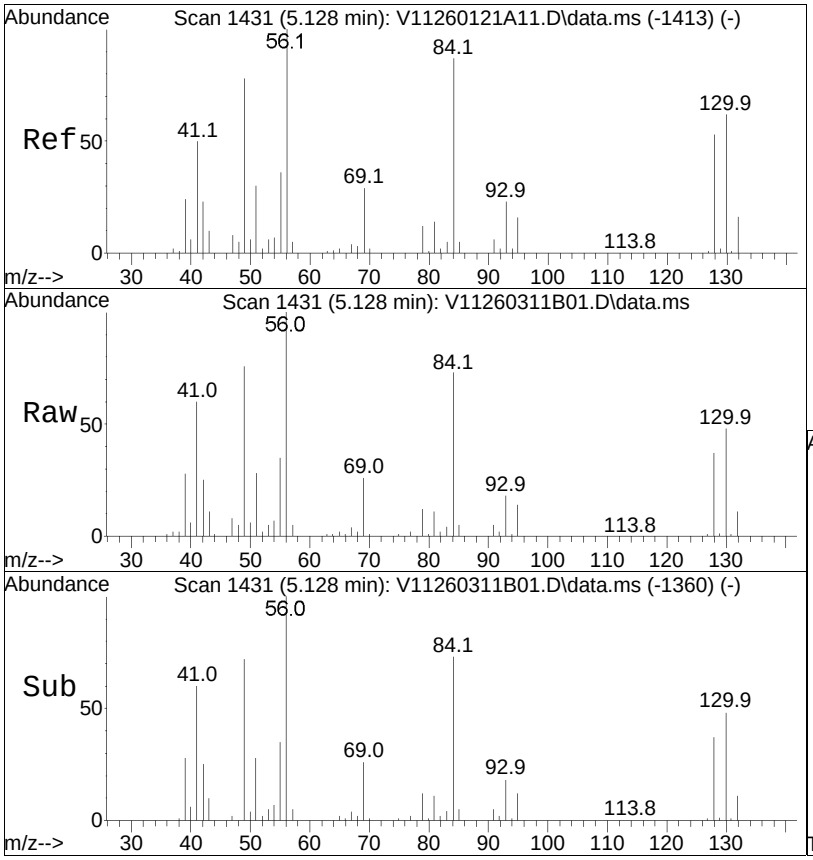


#29
2,2-Dichloropropane
Concen: 41.99 ug/L
RT: 5.030 min Scan# 1396
Delta R.T. -0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 77 Resp: 237829

Ion	Ratio	Lower	Upper
77	100		
41	62.7	45.5	94.5
79	32.3	20.9	43.3

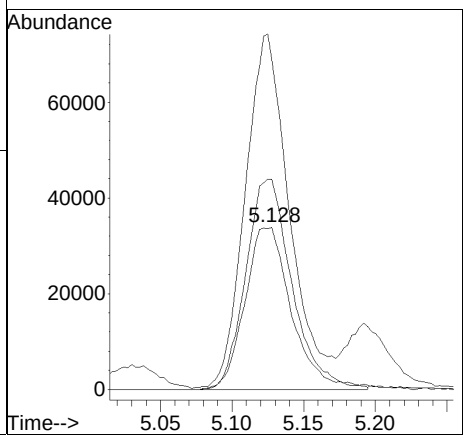


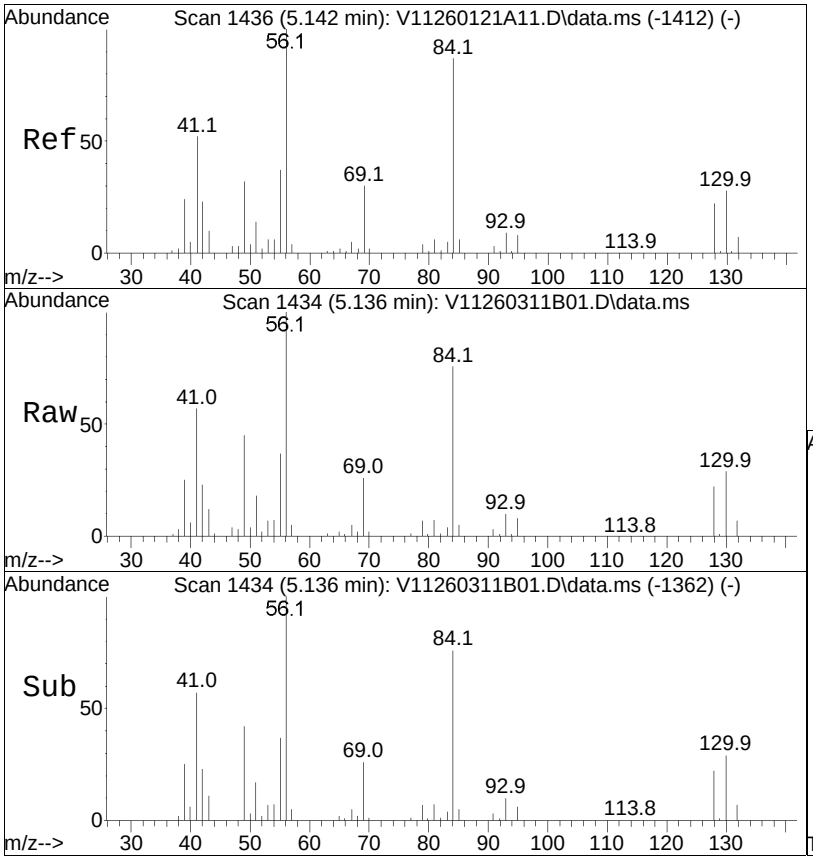


#30
Bromochloromethane
Concen: 37.05 ug/L
RT: 5.128 min Scan# 1431
Delta R.T. -0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:128 Resp: 76082

Ion	Ratio	Lower	Upper
128	100		
49	209.0	201.3	301.9
130	130.5	106.2	159.2

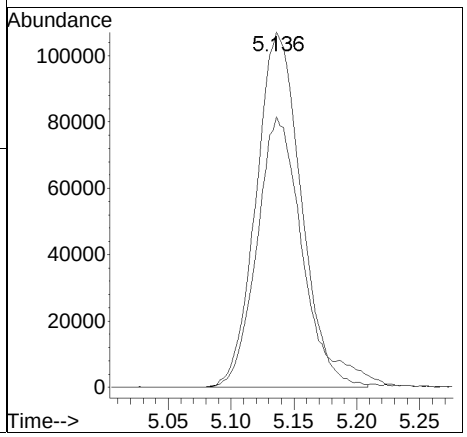


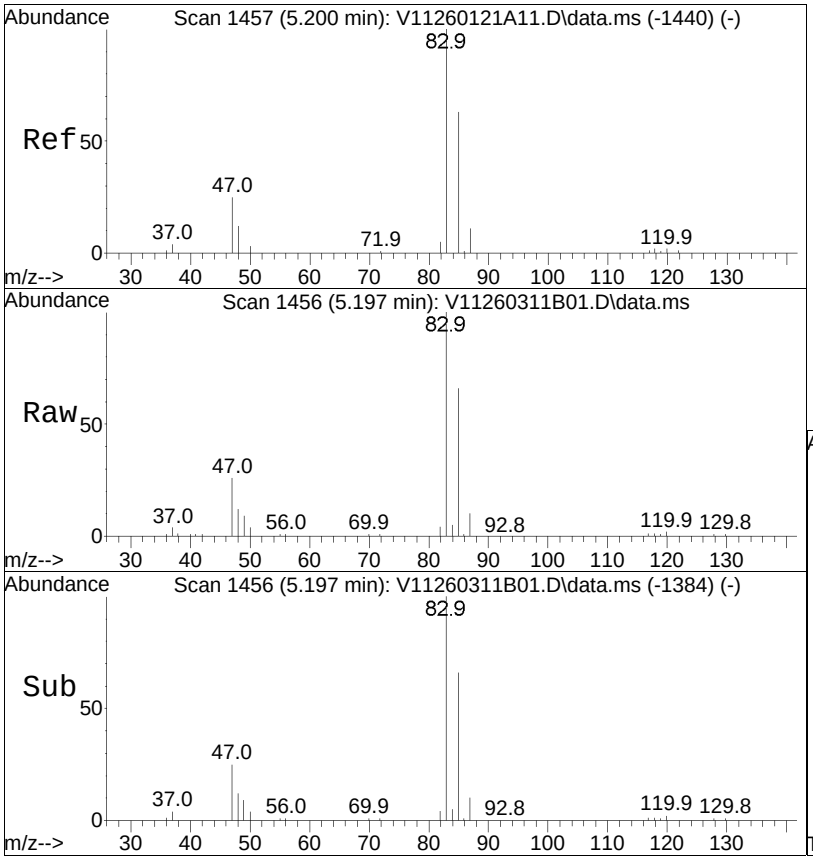


#31
Cyclohexane
Concen: 46.02 ug/L
RT: 5.136 min Scan# 1434
Delta R.T. -0.000 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 56 Resp: 266107

Ion	Ratio	Lower	Upper
56	100		
84	79.1	40.5	84.1

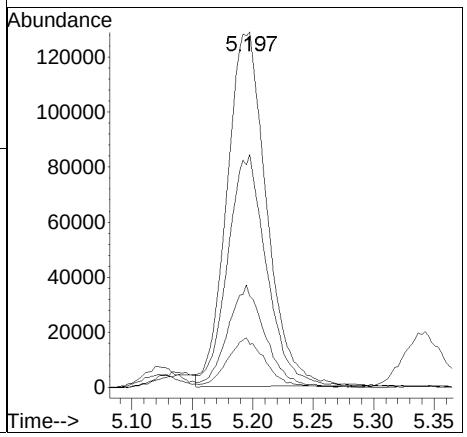


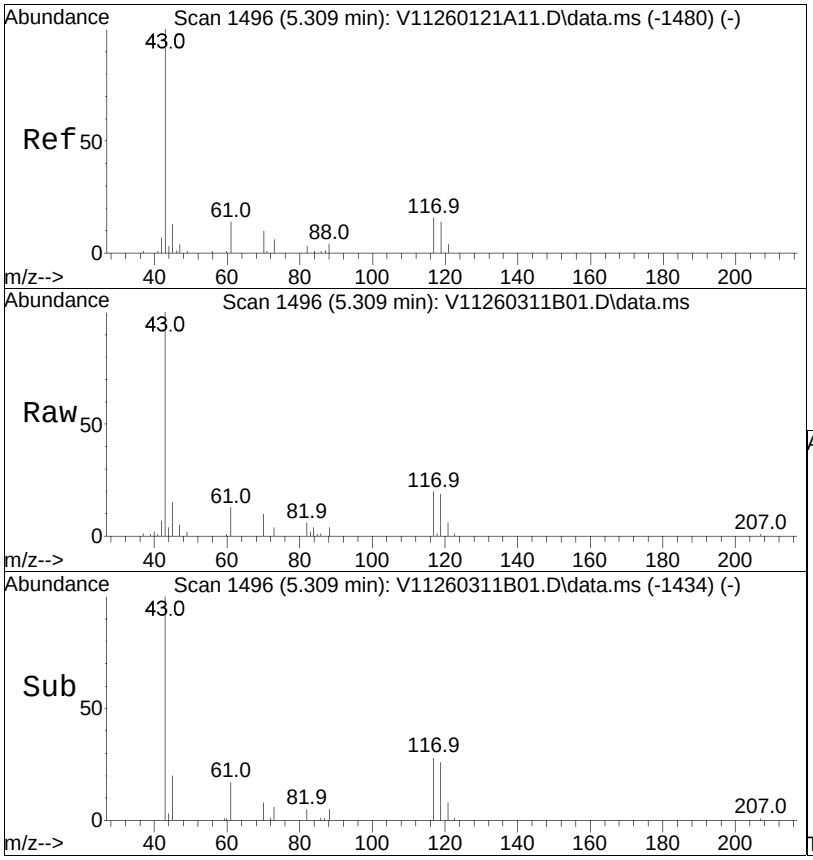


#32
Chloroform
Concen: 40.26 ug/L
RT: 5.197 min Scan# 1456
Delta R.T. -0.000 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 83 Resp: 294106

Ion	Ratio	Lower	Upper
83	100		
85	63.9	41.9	87.1
47	26.8	20.9	43.3
48	13.2	9.9	20.5

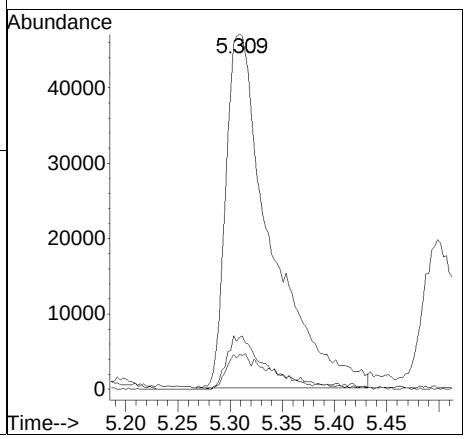


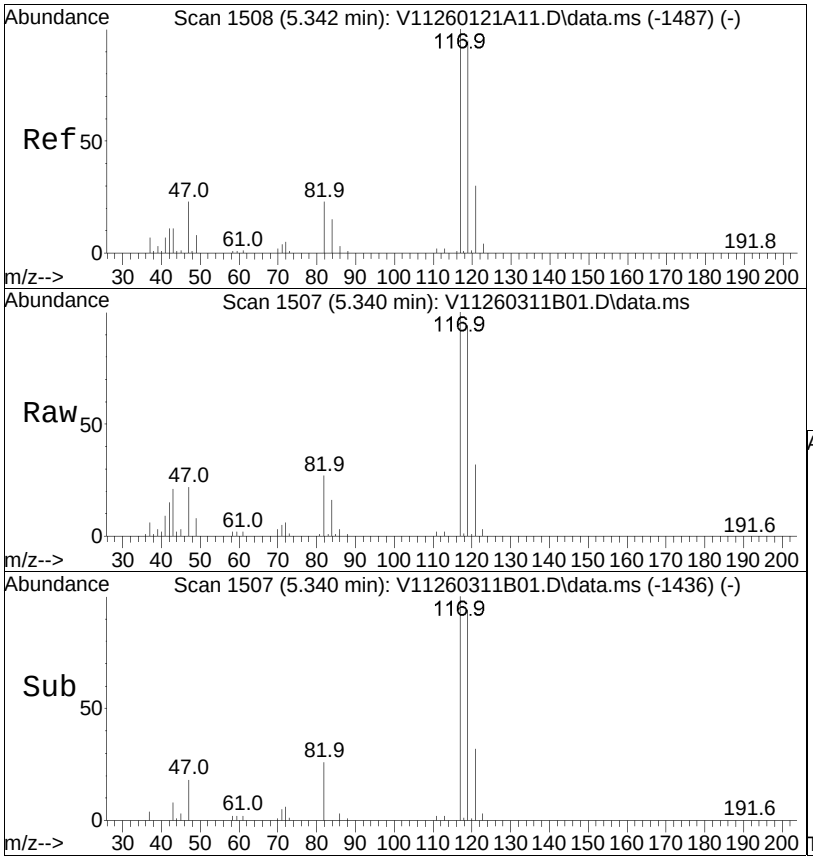


#33
Ethyl acetate
Concen: 46.33 ug/L
RT: 5.309 min Scan# 1496
Delta R.T. -0.028 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 43 Resp: 139516

Ion	Ratio	Lower	Upper
43	100		
45	12.4	10.9	16.3
70	5.1	6.2	9.2#

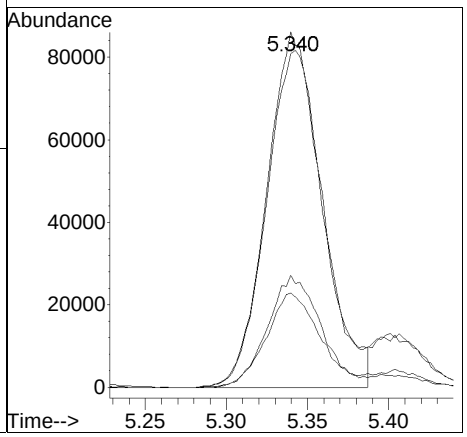


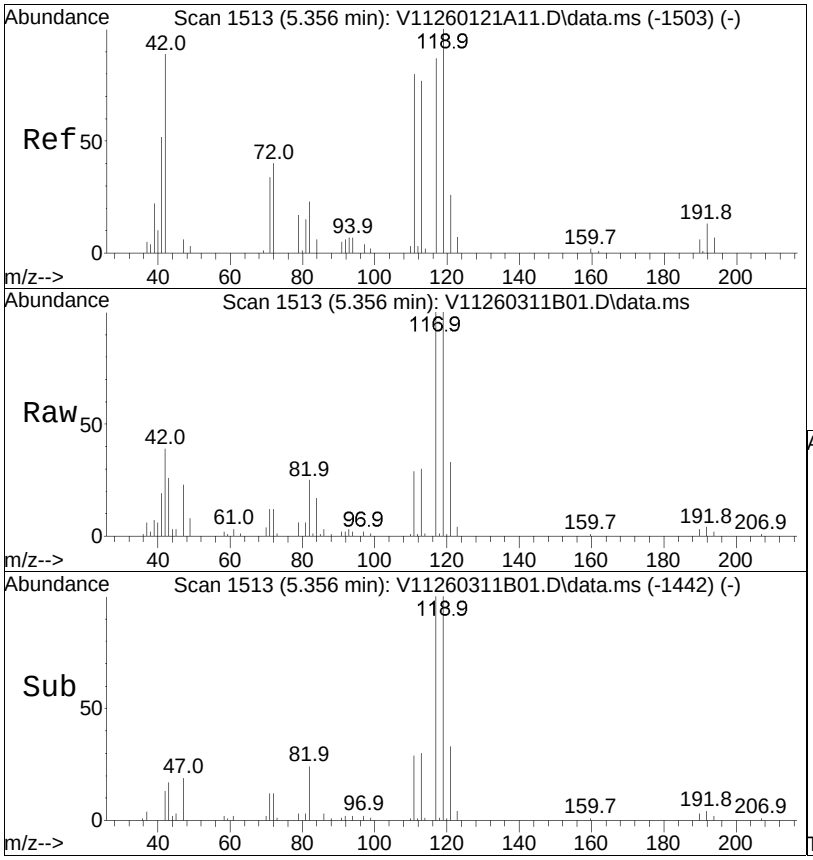


#34
Carbon tetrachloride
Concen: 39.05 ug/L
RT: 5.340 min Scan# 1507
Delta R.T. -0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:117 Resp: 205343

Ion	Ratio	Lower	Upper
117	100		
119	95.5	64.0	132.8
121	30.1	20.7	42.9
82	26.2	16.3	33.8

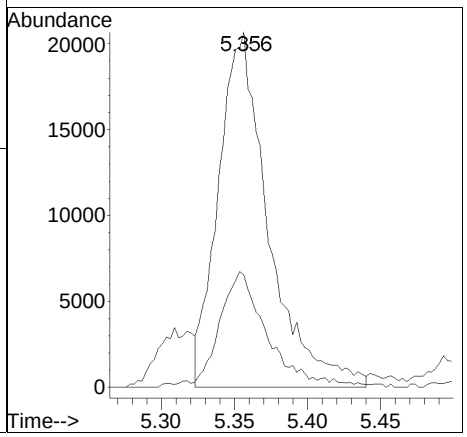


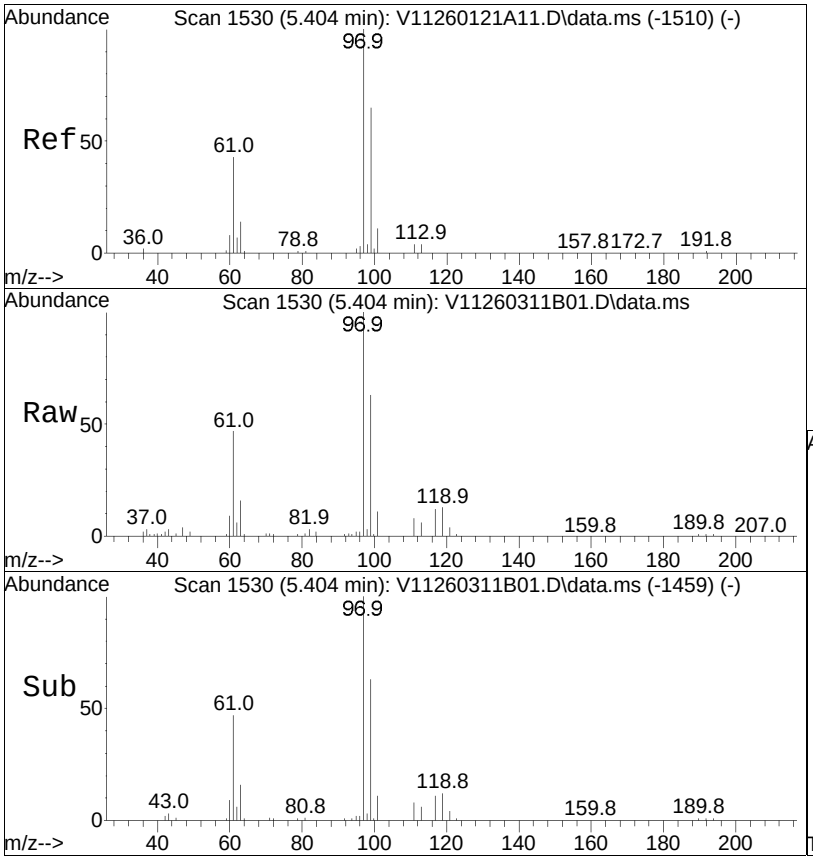


#35
Tetrahydrofuran
Concen: 48.22 ug/L M1
RT: 5.356 min Scan# 1513
Delta R.T. -0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 42 Resp: 49557

Ion	Ratio	Lower	Upper
42	100		
71	28.5	16.9	25.3#

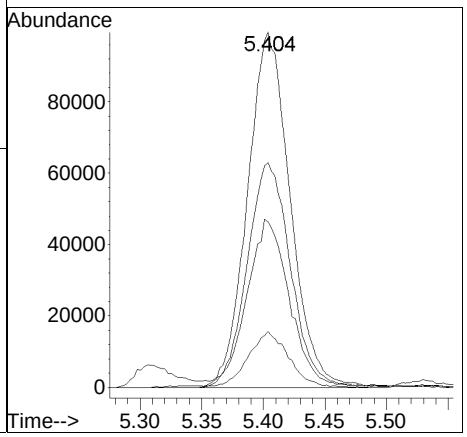


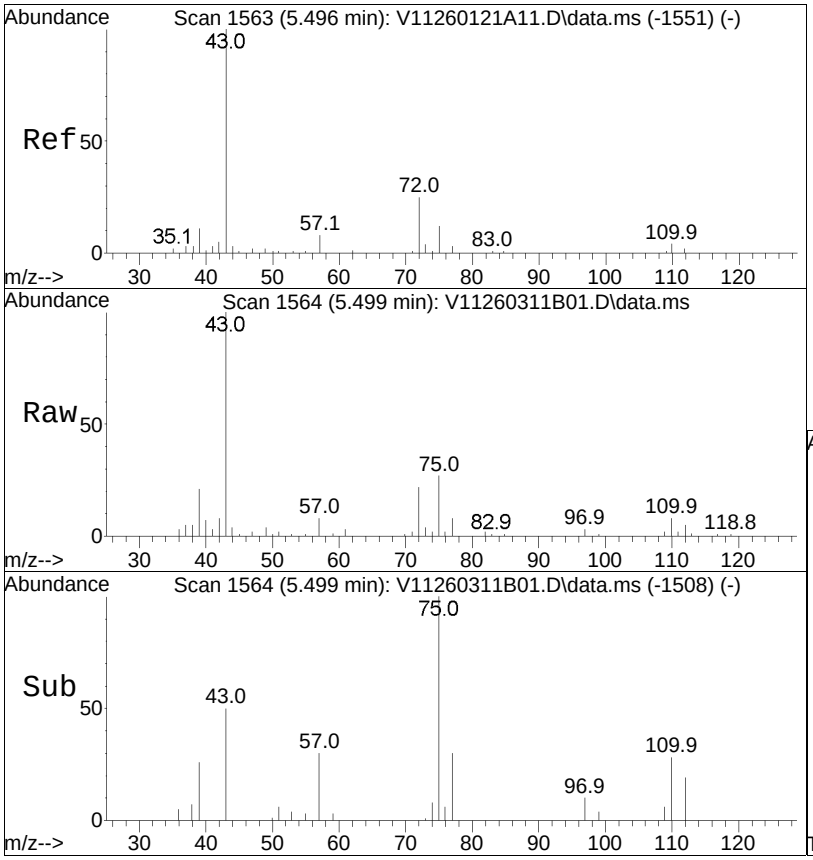


#37
1,1,1-Trichloroethane
Concen: 41.44 ug/L
RT: 5.404 min Scan# 1530
Delta R.T. -0.000 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 97 Resp: 240062

Ion	Ratio	Lower	Upper
97	100		
99	64.4	41.5	86.1
61	46.0	32.2	67.0
63	14.9	10.1	20.9

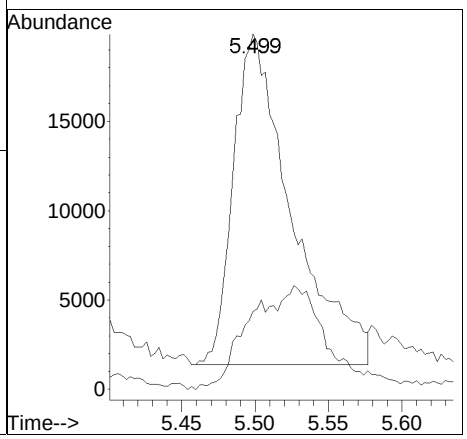


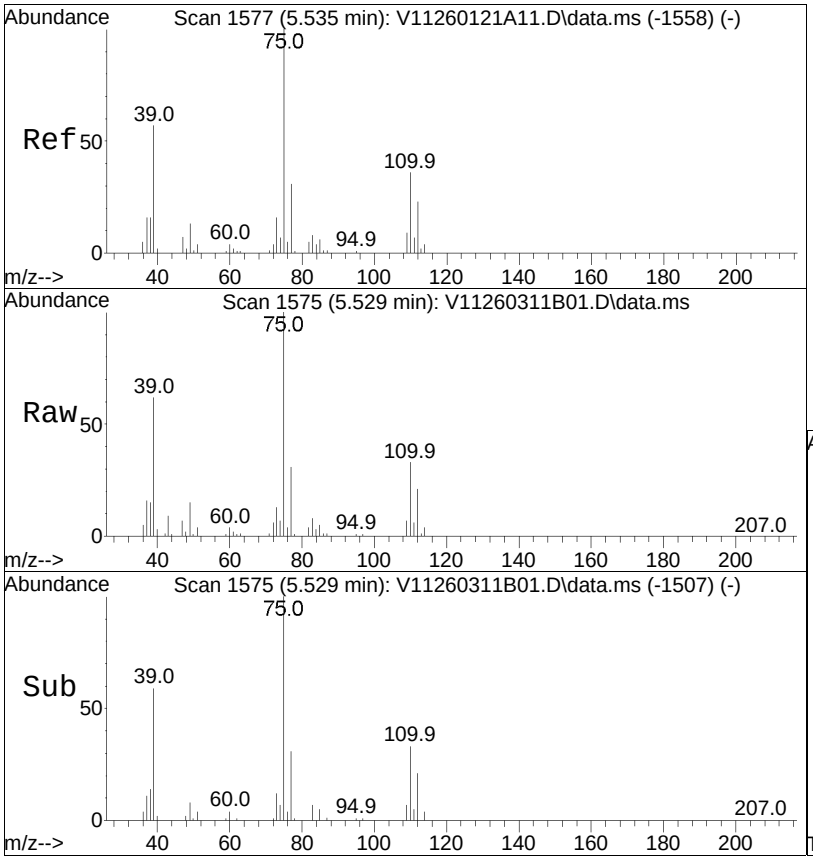


#39
2-Butanone
Concen: 44.92 ug/L
RT: 5.499 min Scan# 1564
Delta R.T. -0.045 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 43 Resp: 51176

Ion	Ratio	Lower	Upper
43	100		
72	14.3	21.0	31.6#

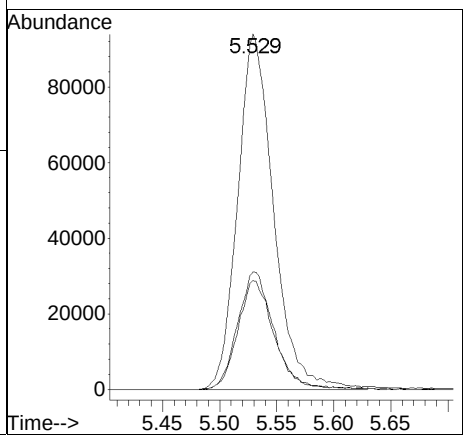


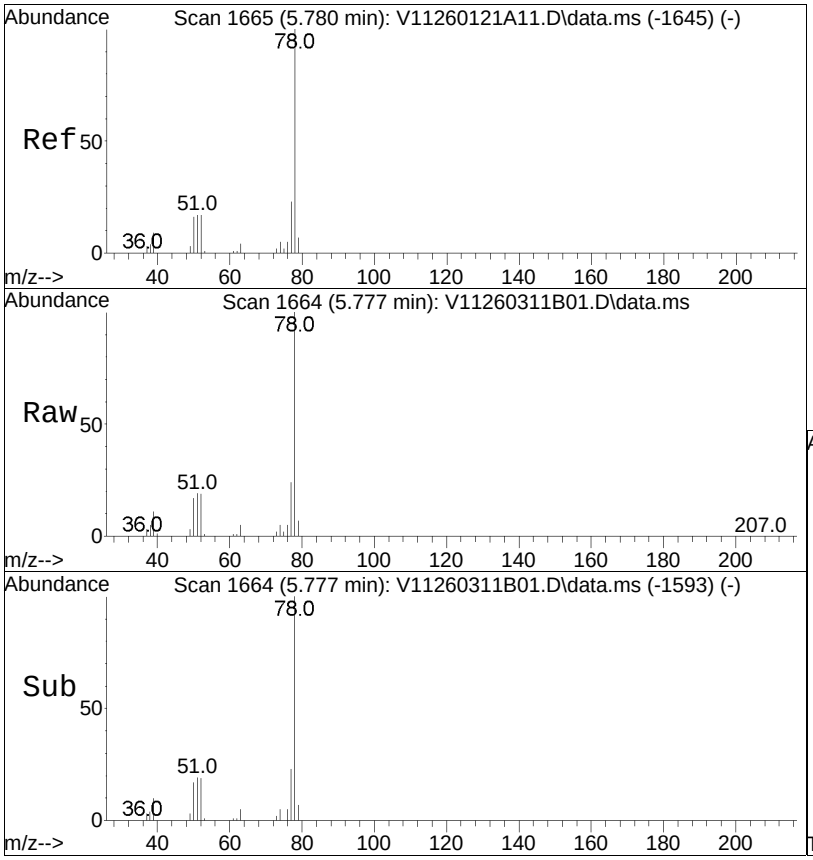


#40
1,1-Dichloropropene
Concen: 44.42 ug/L
RT: 5.529 min Scan# 1575
Delta R.T. -0.011 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 75 Resp: 205641

Ion	Ratio	Lower	Upper
75	100		
110	33.1	23.6	49.0
77	30.8	20.2	41.9

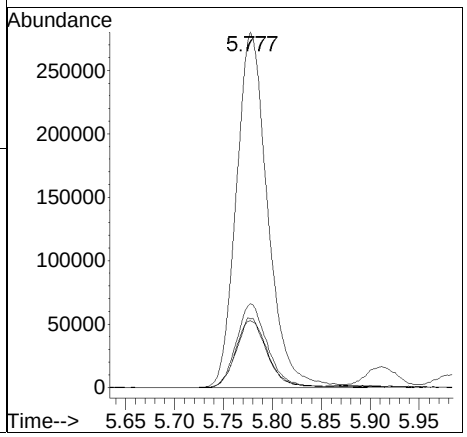


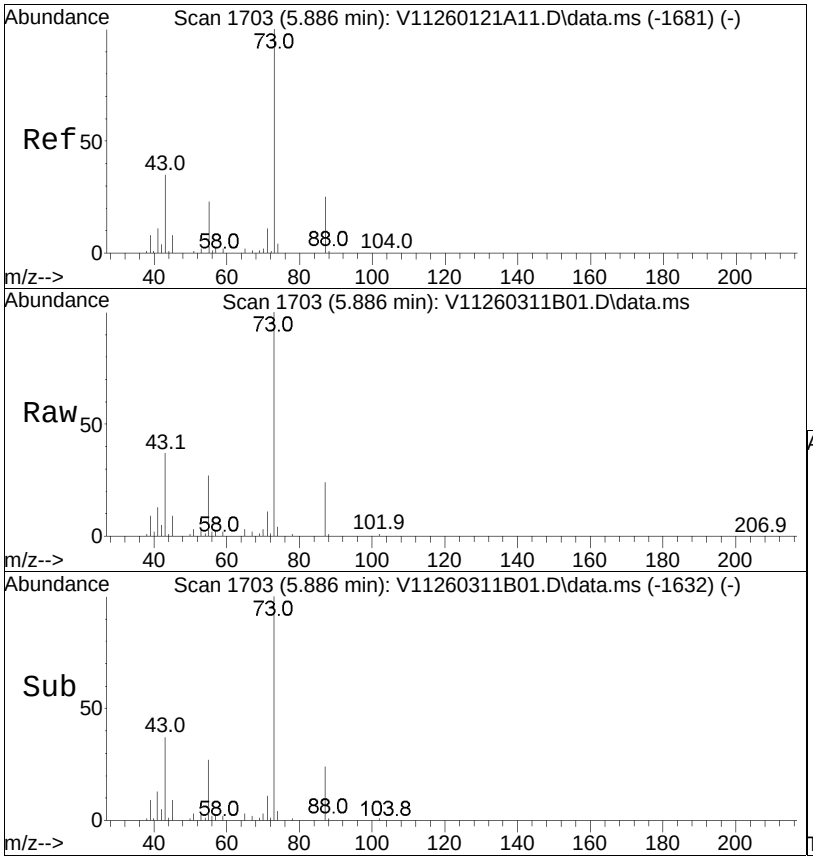


#41
Benzene
Concen: 41.55 ug/L
RT: 5.777 min Scan# 1664
Delta R.T. -0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 78 Resp: 626048

Ion	Ratio	Lower	Upper
78	100		
77	23.3	15.1	31.3
51	19.4	15.8	32.8
52	18.7	15.6	32.4

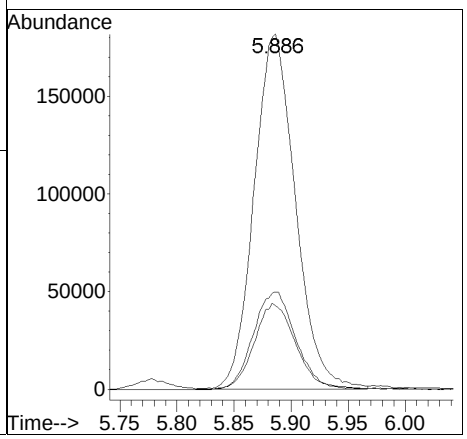


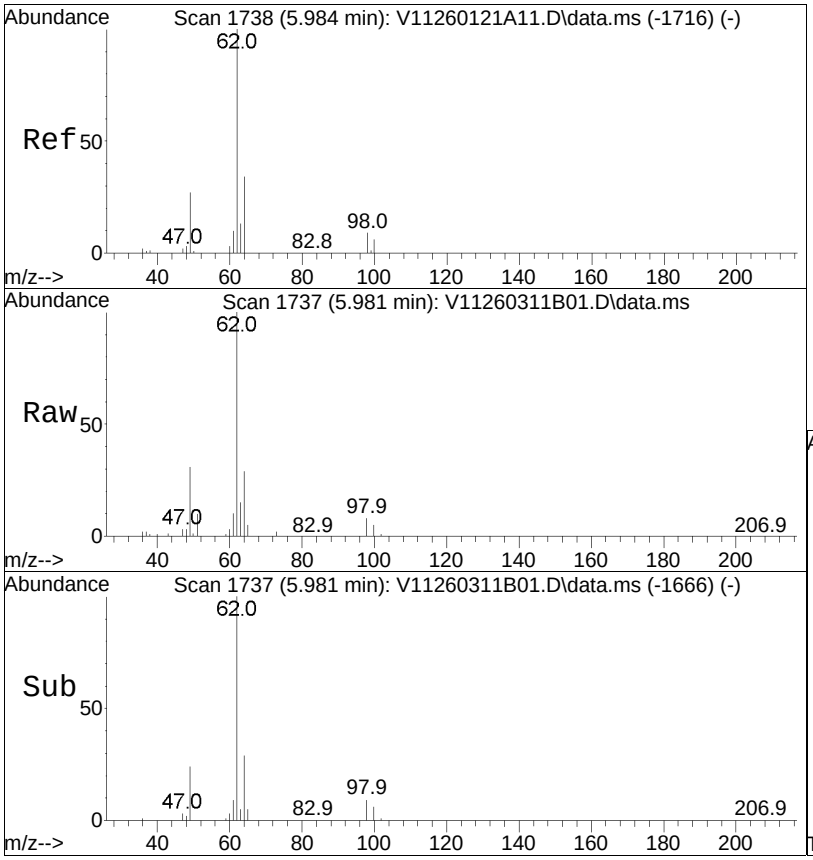


#42
tert-Amyl methyl ether
Concen: 38.70 ug/L
RT: 5.886 min Scan# 1703
Delta R.T. -0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 73 Resp: 456601

Ion	Ratio	Lower	Upper
73	100		
55	28.4	22.5	46.7
87	24.1	16.0	33.2

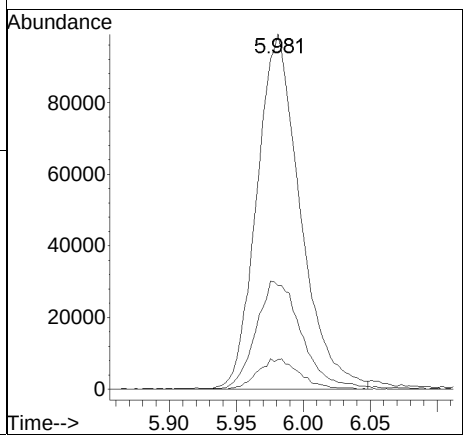


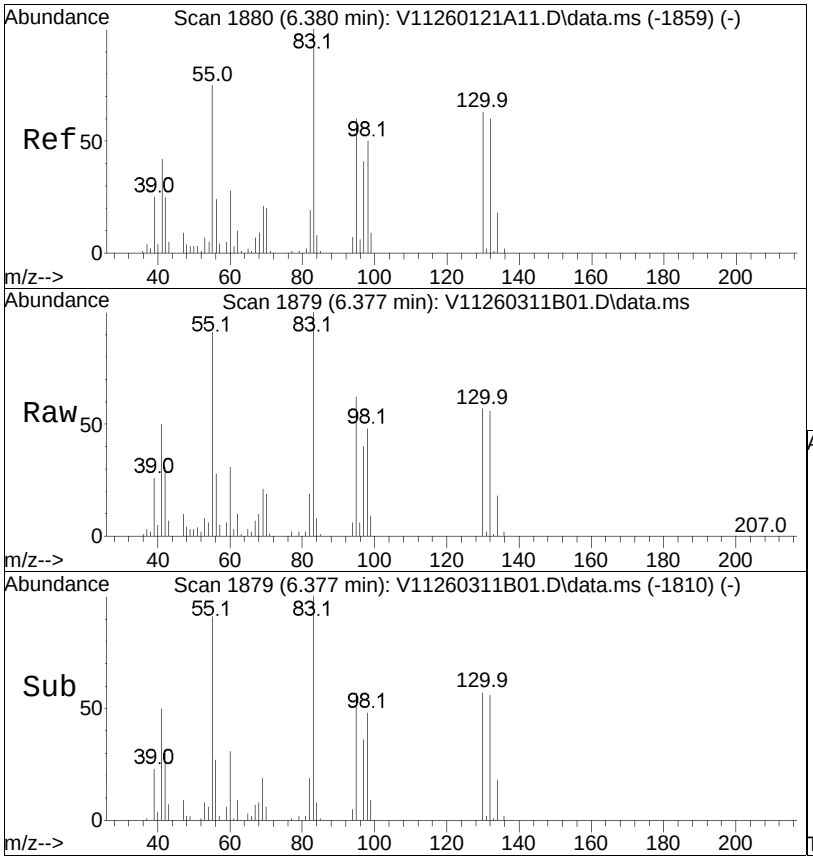


#44
1,2-Dichloroethane
Concen: 43.33 ug/L
RT: 5.981 min Scan# 1737
Delta R.T. -0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 62 Resp: 224013

Ion	Ratio	Lower	Upper
62	100		
64	31.6	11.1	51.1
98	8.4	0.0	28.0

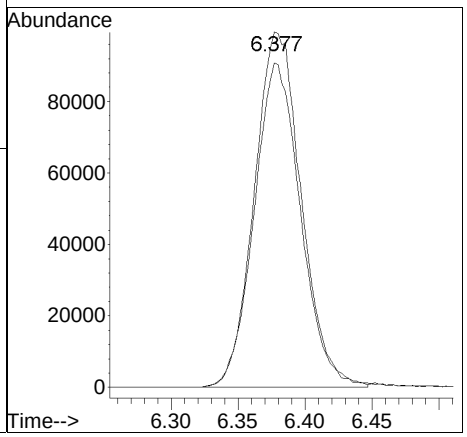


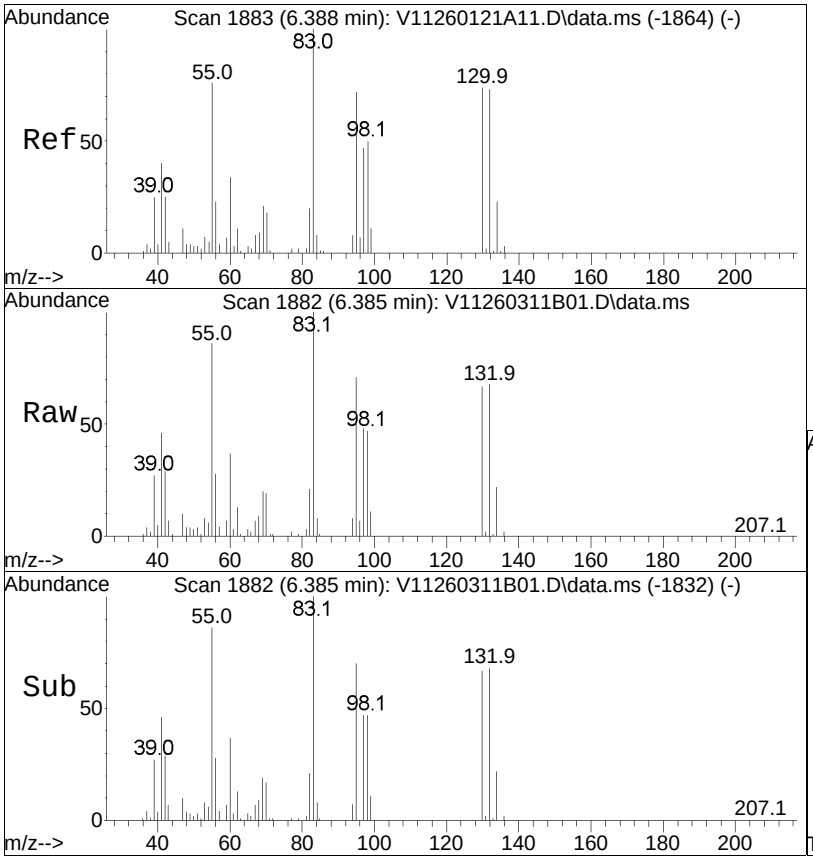


#47
Methyl cyclohexane
Concen: 40.37 ug/L
RT: 6.377 min Scan# 1879
Delta R.T. -0.008 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 83 Resp: 243115

Ion	Ratio	Lower	Upper
83	100		
55	90.8	88.1	132.1

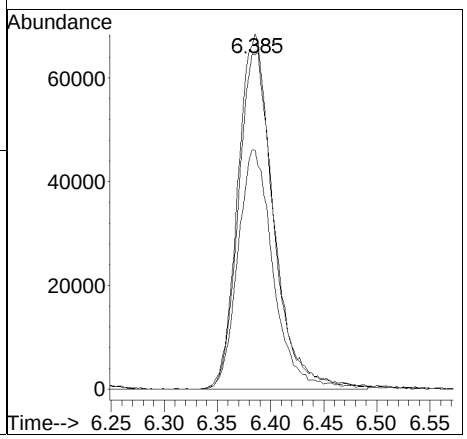


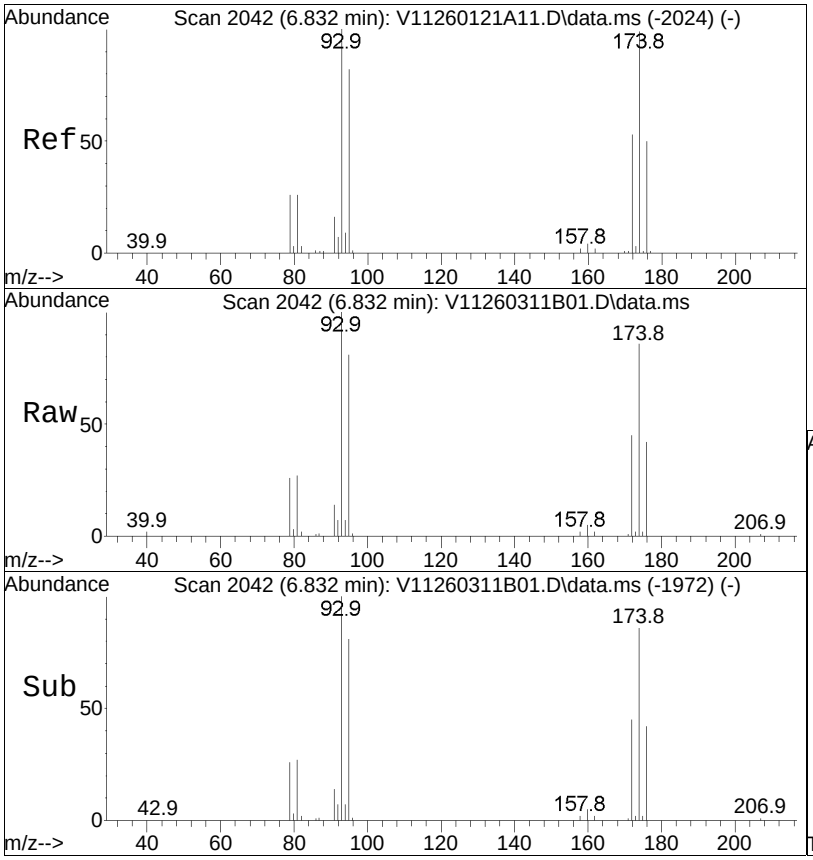


#48
Trichloroethene
Concen: 39.66 ug/L
RT: 6.385 min Scan# 1882
Delta R.T. -0.011 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 95 Resp: 161325

Ion	Ratio	Lower	Upper
95	100		
97	65.9	54.3	81.5
130	93.3	84.6	126.8

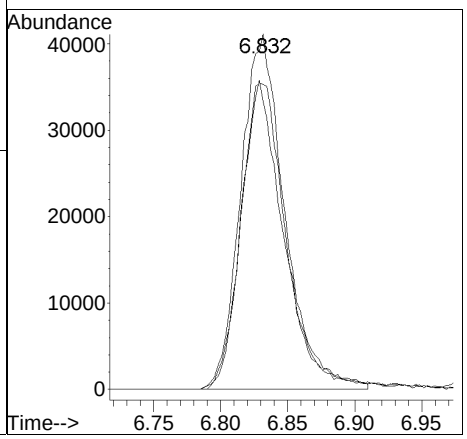


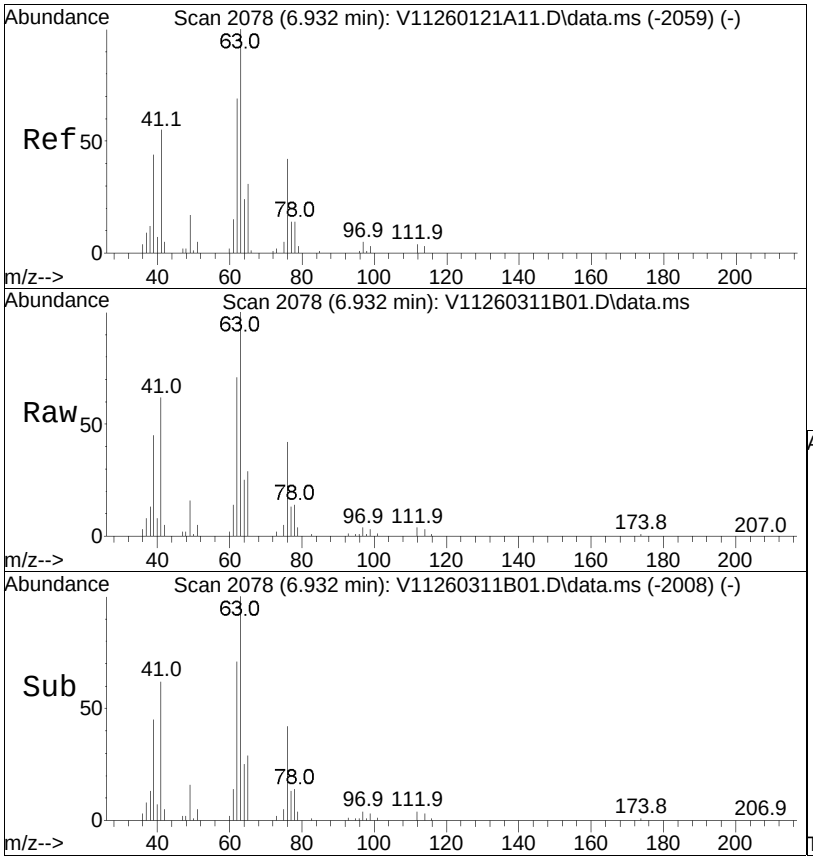


#50
Dibromomethane
Concen: 37.62 ug/L
RT: 6.832 min Scan# 2042
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 93 Resp: 94331

Ion	Ratio	Lower	Upper
93	100		
95	83.5	65.7	98.5
174	88.6	80.2	120.4

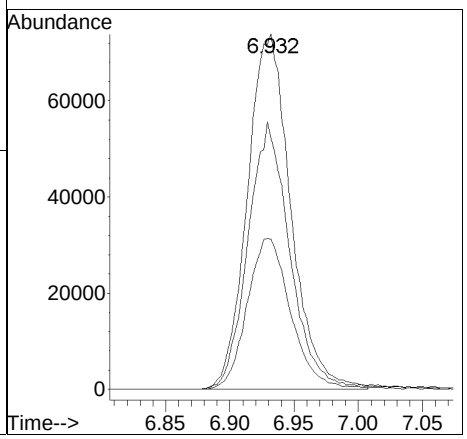


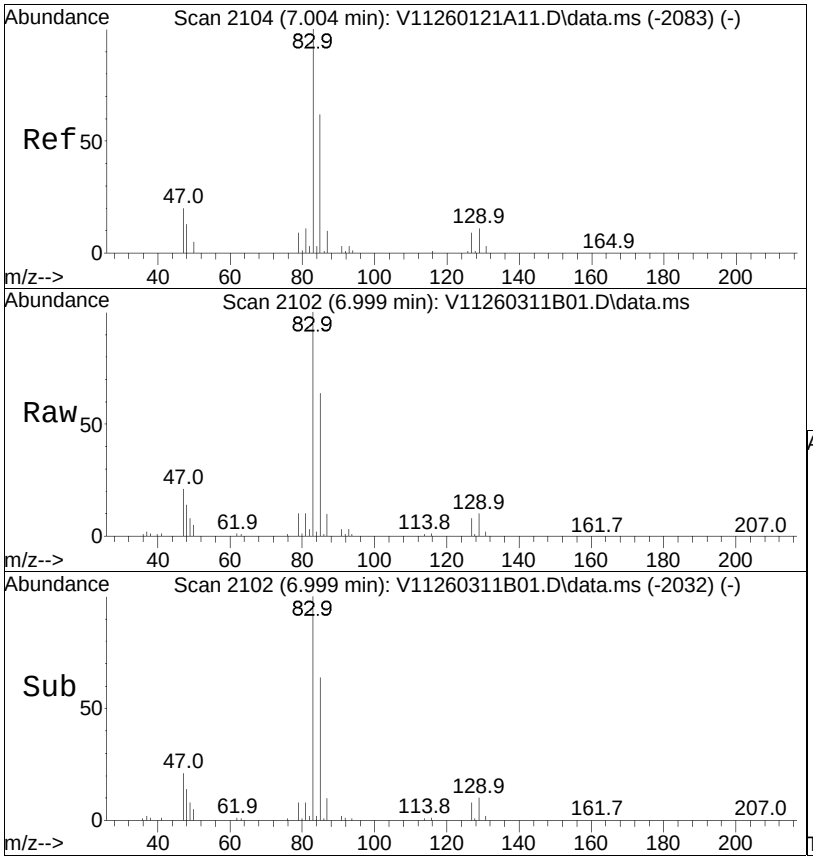


#51
1,2-Dichloropropane
Concen: 43.13 ug/L
RT: 6.932 min Scan# 2078
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 63 Resp: 174193

Ion	Ratio	Lower	Upper
63	100		
62	72.4	57.9	86.9
76	42.6	30.1	45.1

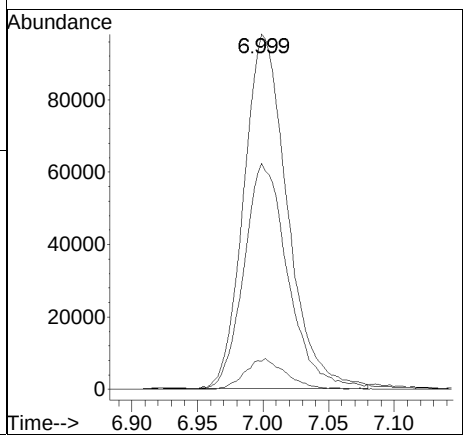


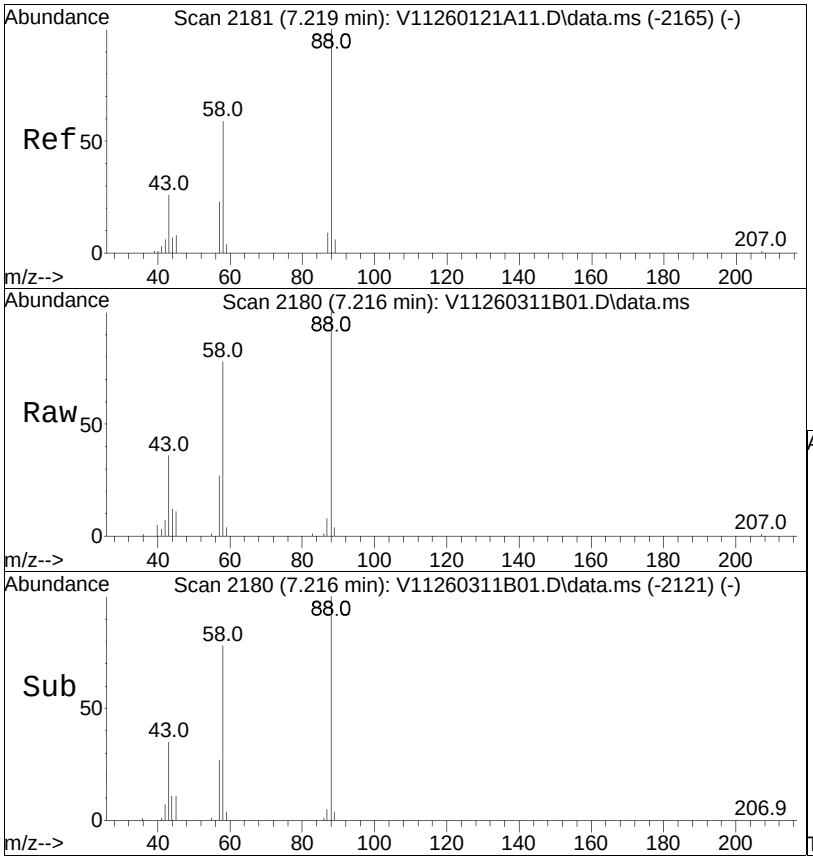


#54
Bromodichloromethane
Concen: 40.14 ug/L
RT: 6.999 min Scan# 2102
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 83 Resp: 226785

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.6	77.4
127	8.1	7.1	10.7

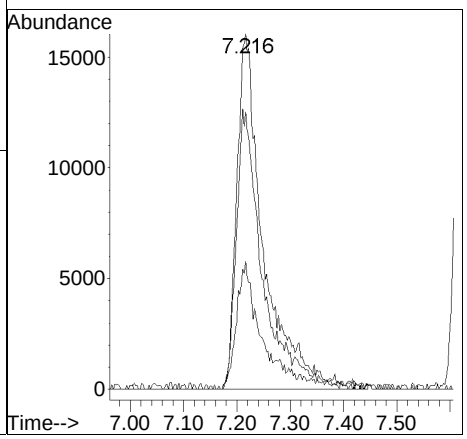


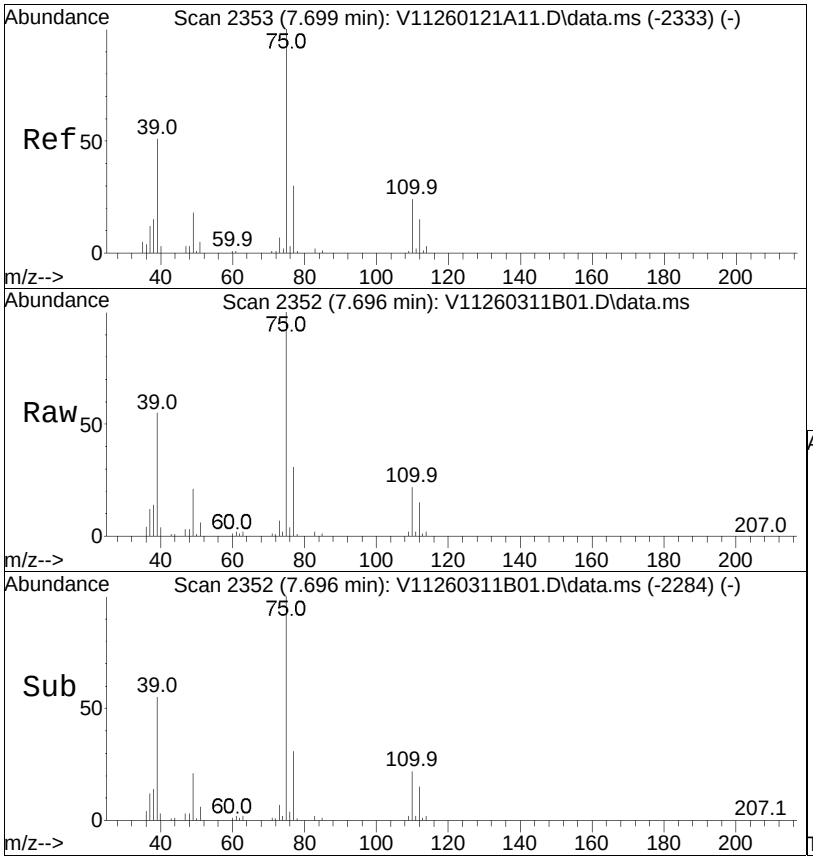


#57
1,4-Dioxane
Concen: 2169.19 ug/L M1
RT: 7.216 min Scan# 2180
Delta R.T. -0.036 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 88 Resp: 56849

Ion	Ratio	Lower	Upper
88	100		
58	64.0	75.4	113.0#
43	27.8	33.5	50.3#

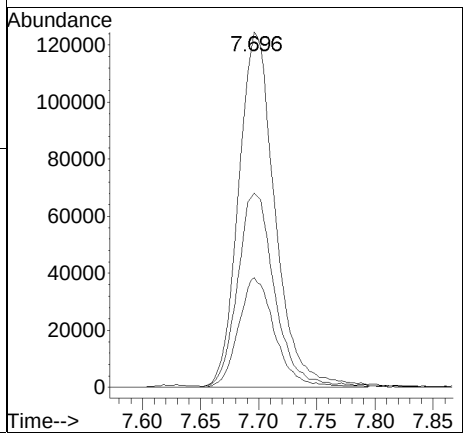


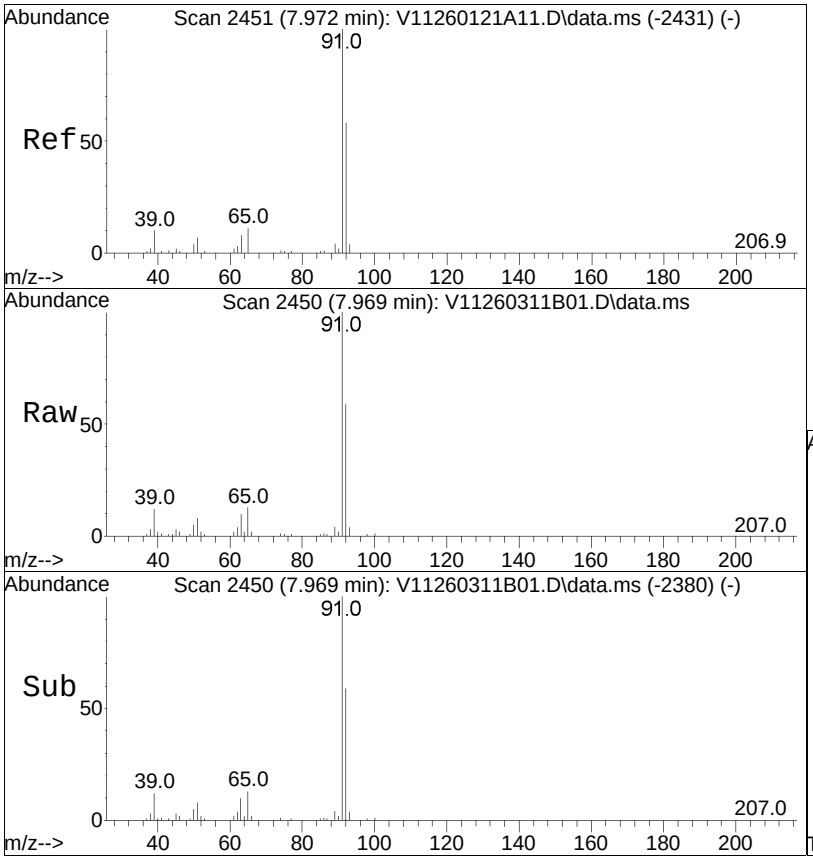


#58
cis-1,3-Dichloropropene
Concen: 42.18 ug/L
RT: 7.696 min Scan# 2352
Delta R.T. -0.011 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 75 Resp: 272579

Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.9	37.3
39	54.6	51.8	77.8

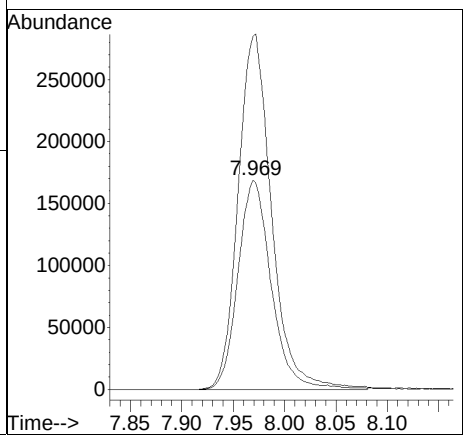


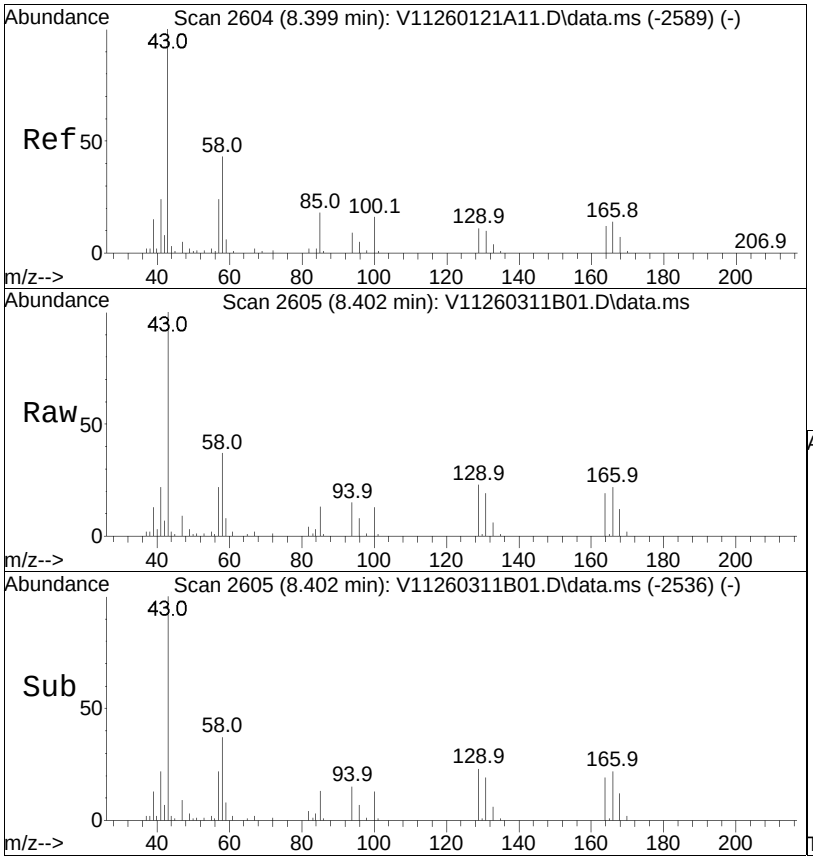


#61
Toluene
Concen: 40.85 ug/L
RT: 7.969 min Scan# 2450
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 92 Resp: 381033

Ion	Ratio	Lower	Upper
92	100		
91	170.5	133.7	200.5

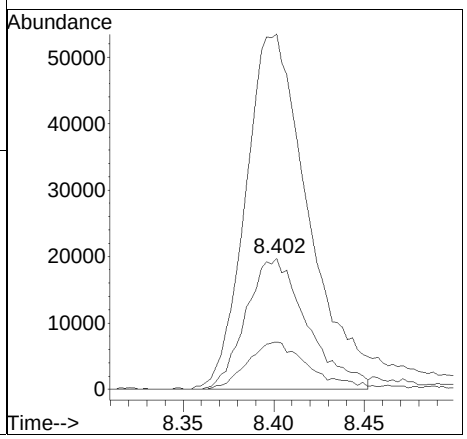


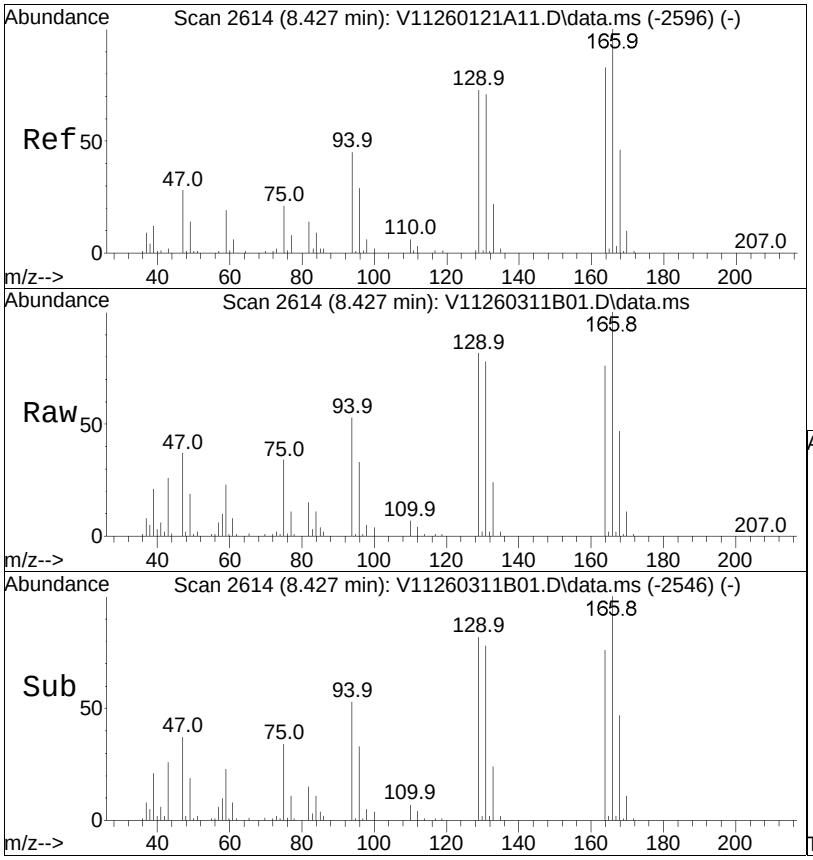


#62
4-Methyl-2-pentanone
Concen: 39.84 ug/L
RT: 8.402 min Scan# 2605
Delta R.T. -0.008 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 58 Resp: 46558

Ion	Ratio	Lower	Upper
58	100		
100	36.7	22.0	33.0#
43	297.1	236.9	355.3

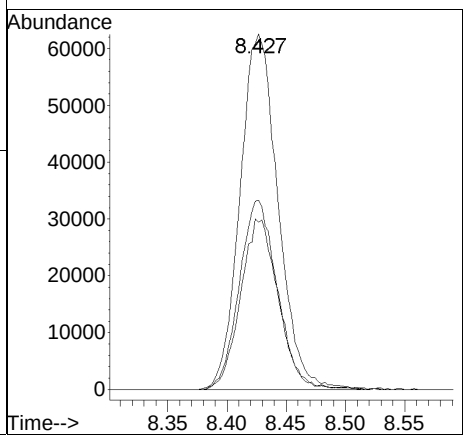


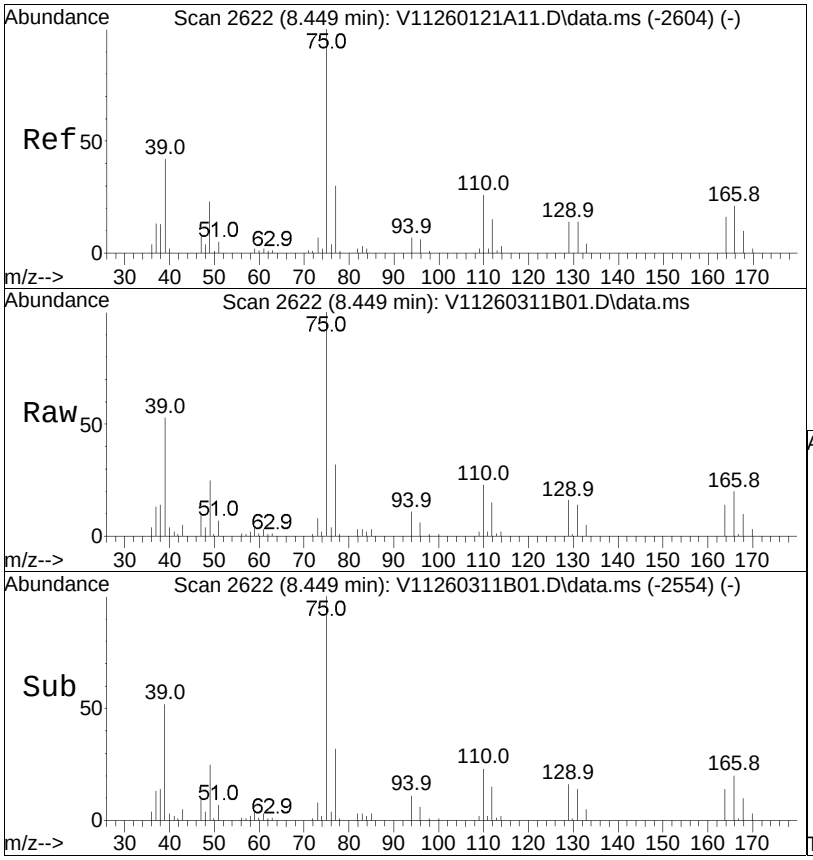


#63
Tetrachloroethene
Concen: 37.41 ug/L
RT: 8.427 min Scan# 2614
Delta R.T. -0.011 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:166 Resp: 140037

Ion	Ratio	Lower	Upper
166	100		
168	47.2	28.2	68.2
94	52.8	26.3	66.3

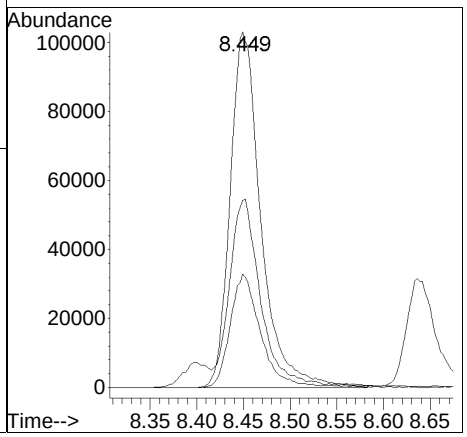


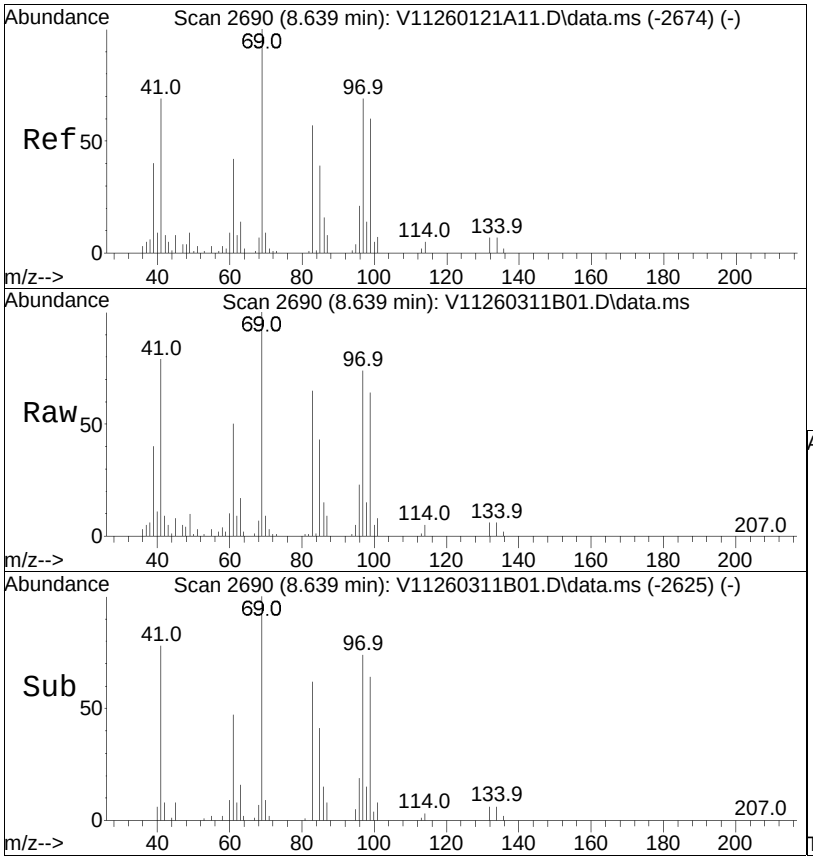


#65
trans-1,3-Dichloropropene
Concen: 42.60 ug/L
RT: 8.449 min Scan# 2622
Delta R.T. -0.011 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 75 Resp: 237208

Ion	Ratio	Lower	Upper
75	100		
77	31.1	11.4	51.4
39	49.6	50.3	90.3#

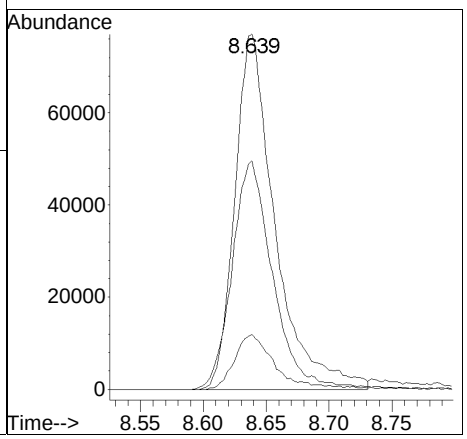


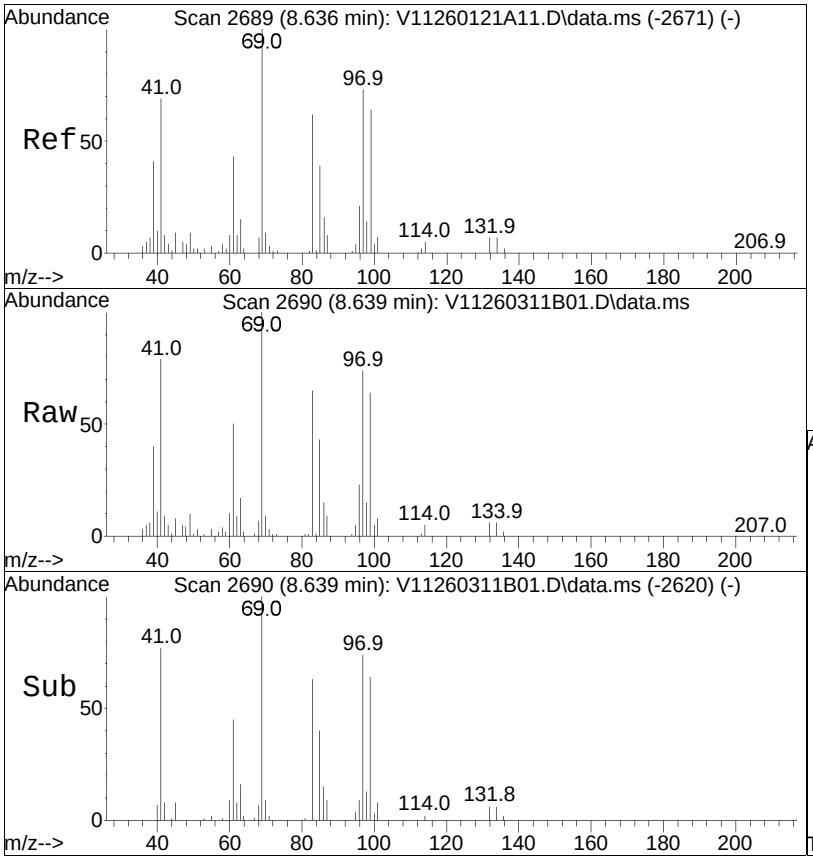


#67
Ethyl methacrylate
Concen: 40.29 ug/L
RT: 8.639 min Scan# 2690
Delta R.T. -0.020 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 69 Resp: 172003

Ion	Ratio	Lower	Upper
69	100		
99	64.4	47.9	87.9
86	15.4	0.0	36.0

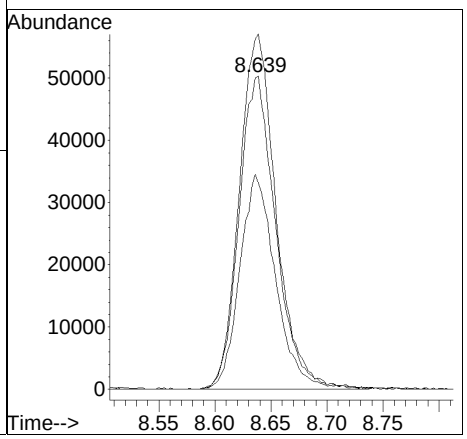


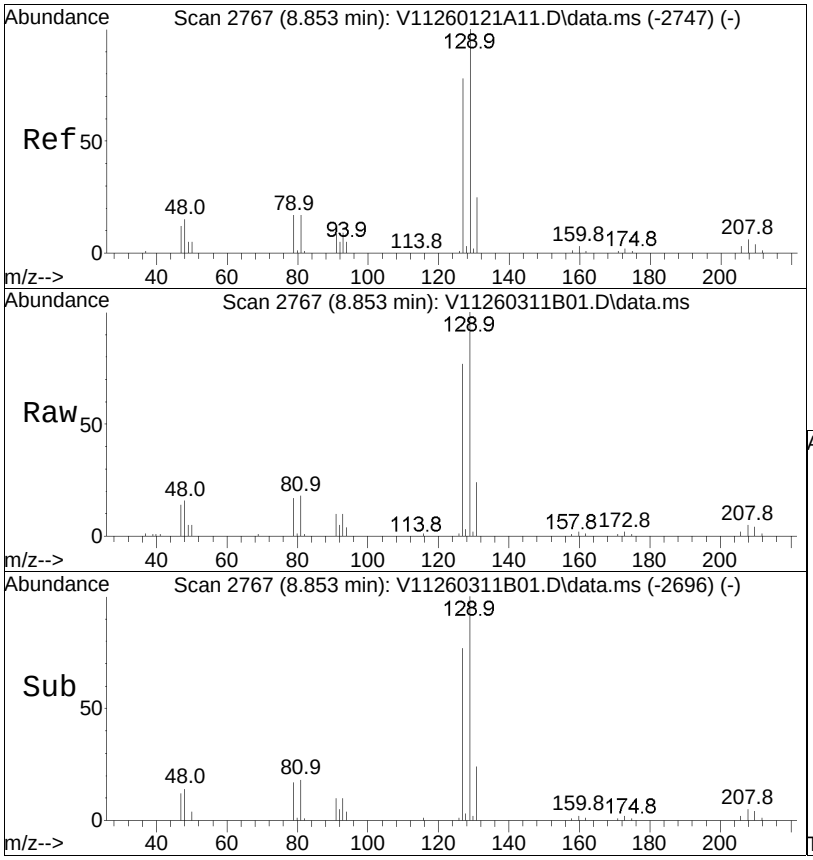


#68
1,1,2-Trichloroethane
Concen: 41.20 ug/L
RT: 8.639 min Scan# 2690
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 83 Resp: 115539

Ion	Ratio	Lower	Upper
83	100		
97	113.6	97.6	137.6
85	66.9	46.8	86.8

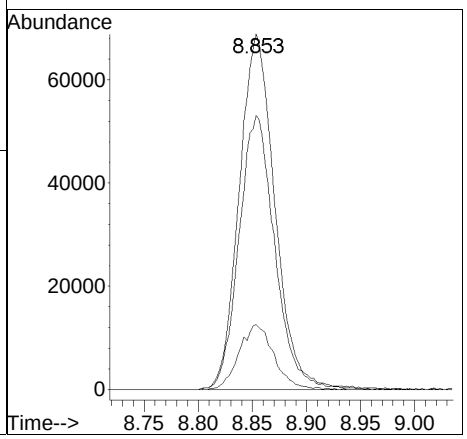


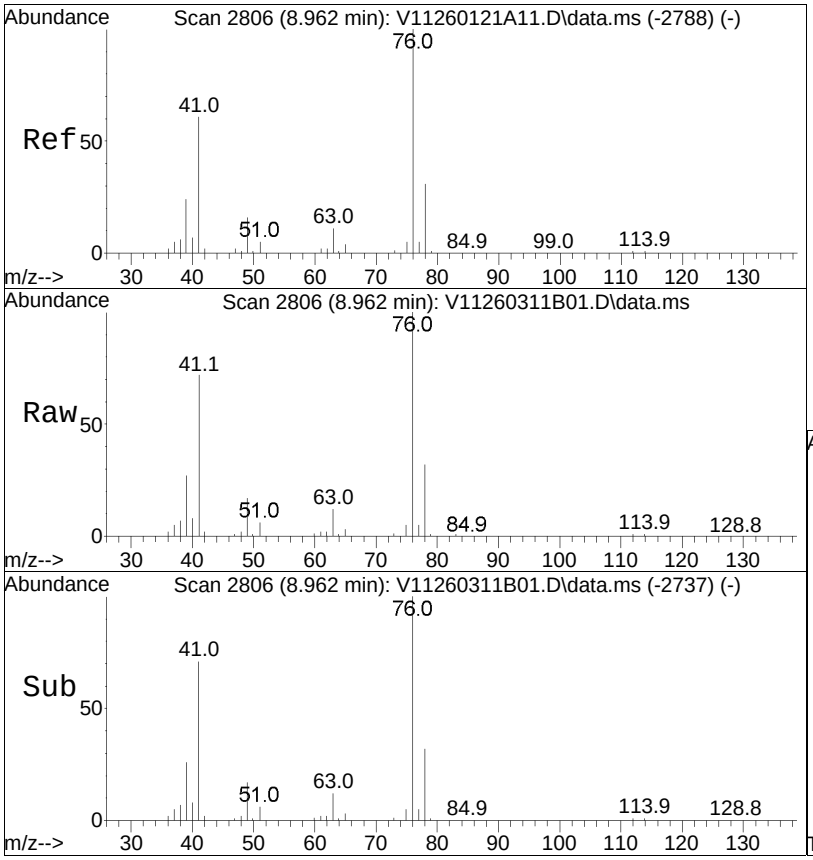


#69
Chlorodibromomethane
Concen: 38.39 ug/L
RT: 8.853 min Scan# 2767
Delta R.T. -0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:129 Resp: 158000

Ion	Ratio	Lower	Upper
129	100		
81	17.7	0.0	36.0
127	77.3	56.0	96.0

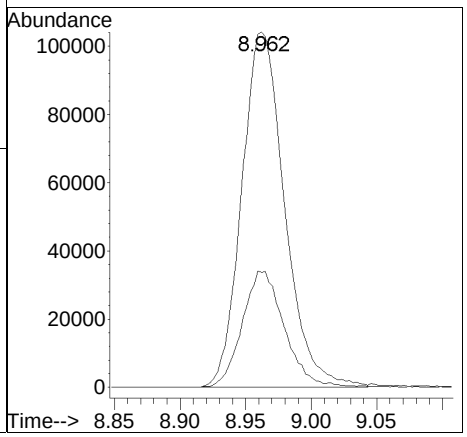


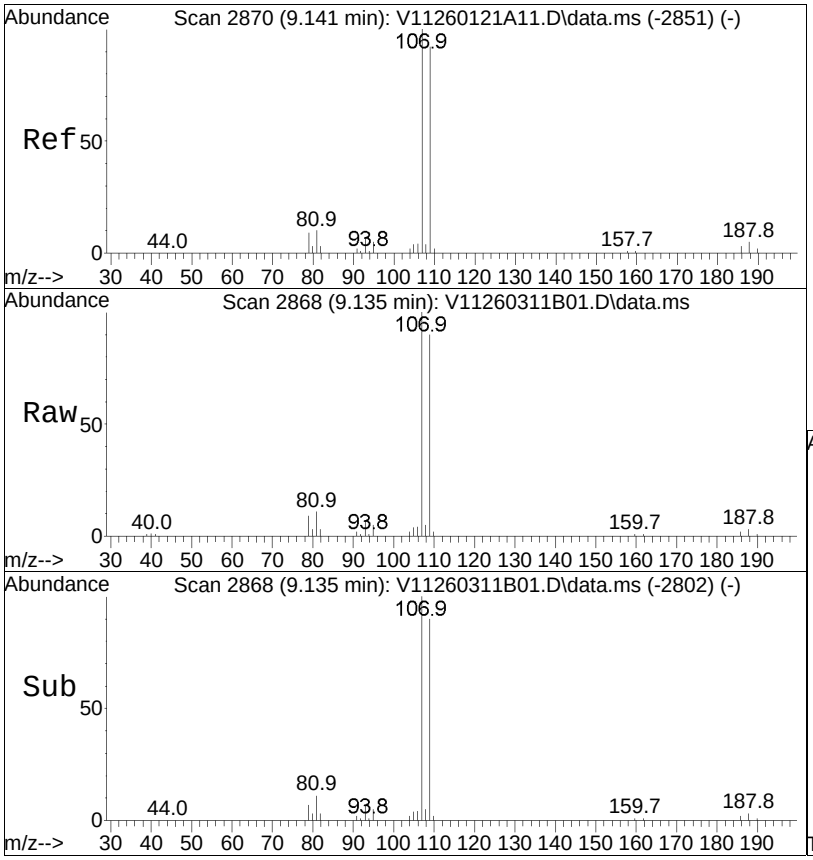


#70
1,3-Dichloropropane
Concen: 42.76 ug/L
RT: 8.962 min Scan# 2806
Delta R.T. -0.008 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 76 Resp: 237408

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.9	38.9

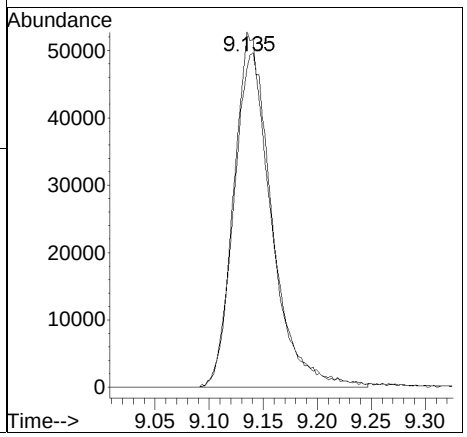


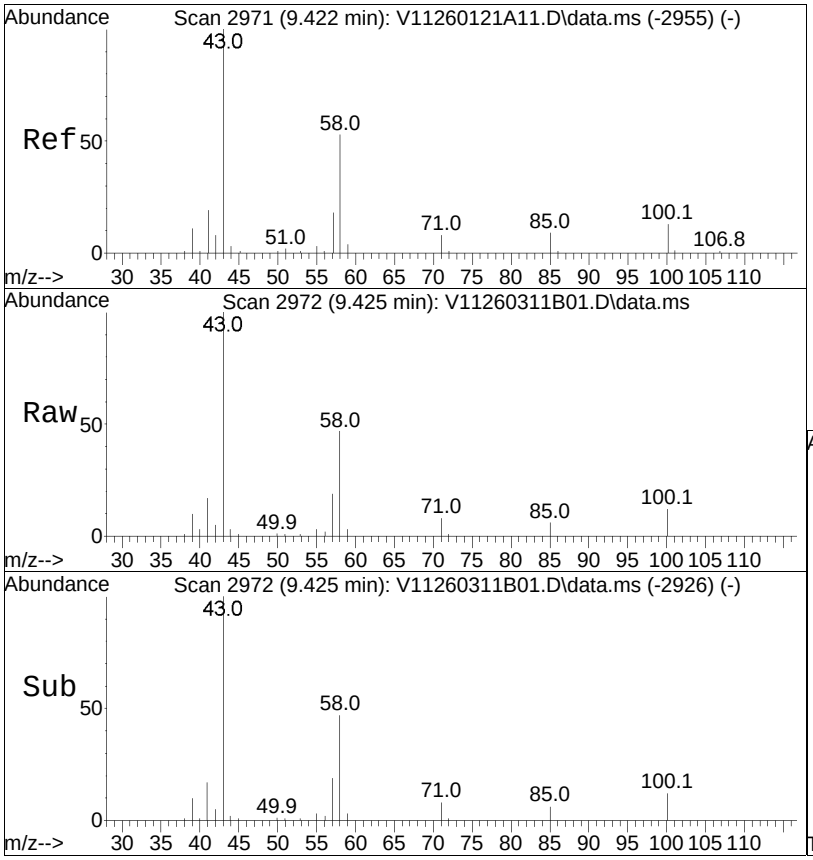


#71
1,2-Dibromoethane
Concen: 41.16 ug/L
RT: 9.135 min Scan# 2868
Delta R.T. -0.017 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:107 Resp: 128649

Ion	Ratio	Lower	Upper
107	100		
109	93.7	76.2	114.4

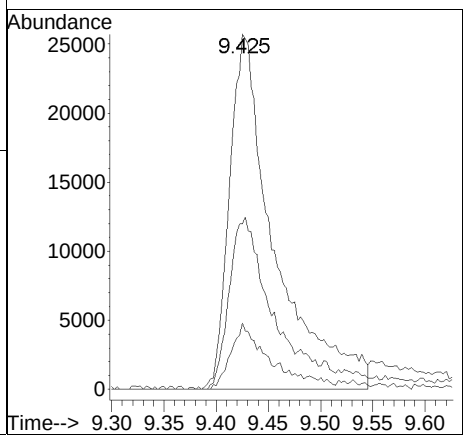


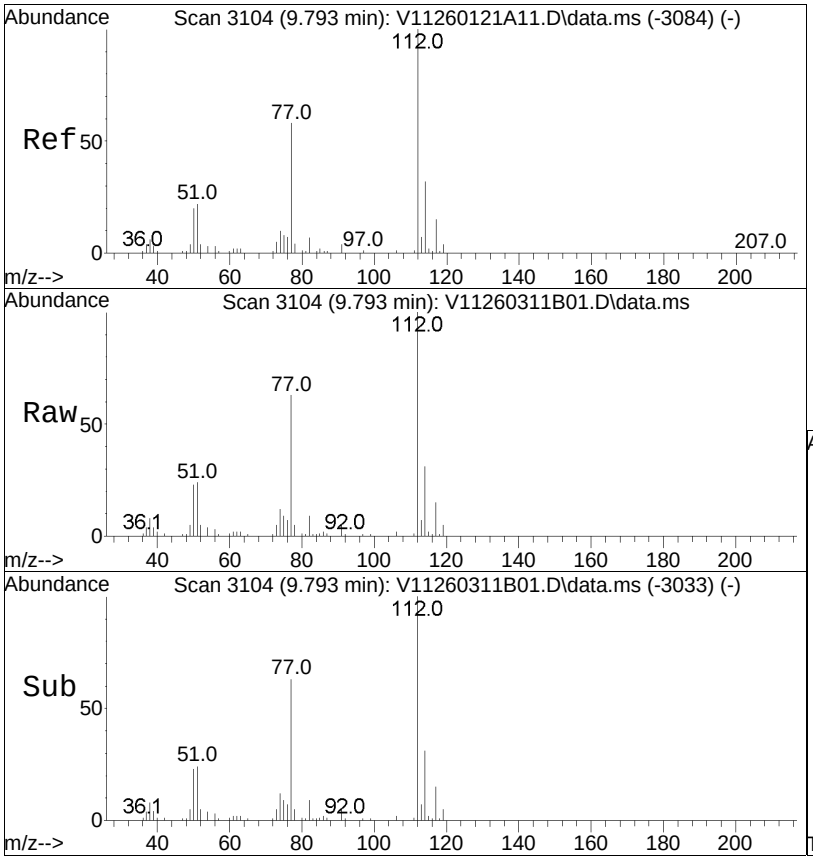


#72
2-Hexanone
Concen: 45.46 ug/L
RT: 9.425 min Scan# 2972
Delta R.T. -0.073 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 43 Resp: 77428

Ion	Ratio	Lower	Upper
43	100		
58	41.8	37.9	56.9
57	12.3	12.6	19.0#

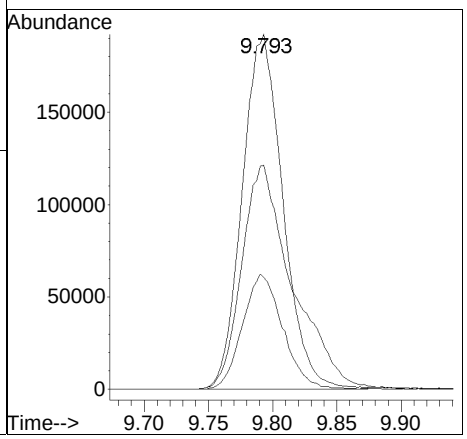


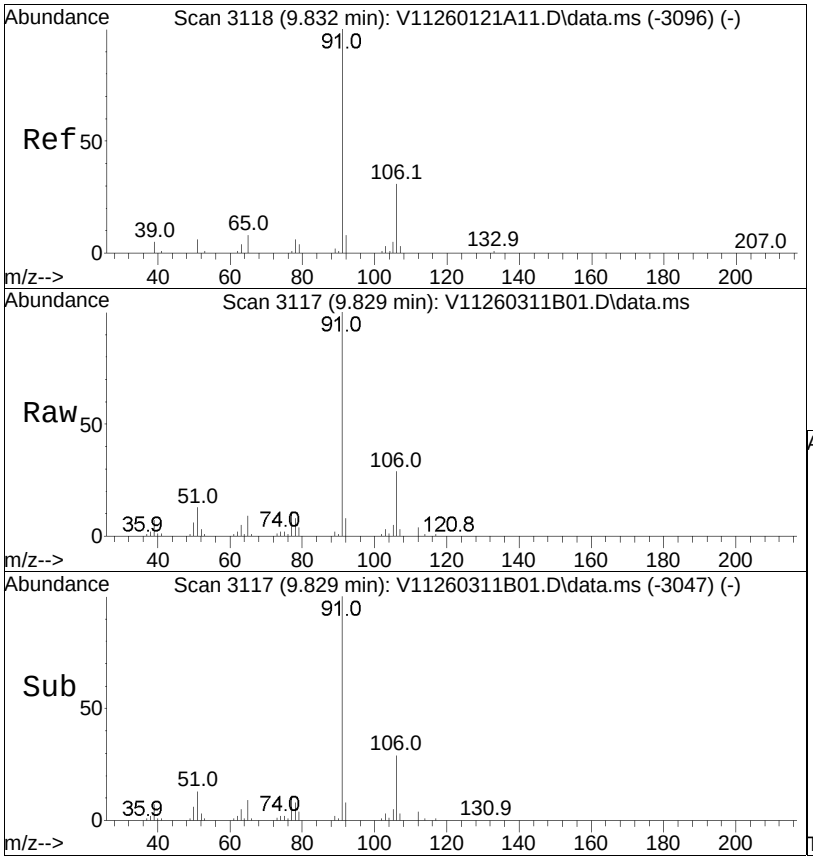


#73
Chlorobenzene
Concen: 39.53 ug/L
RT: 9.793 min Scan# 3104
Delta R.T. -0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:112 Resp: 424566

Ion	Ratio	Lower	Upper
112	100		
77	78.3	47.0	70.4#
114	32.1	25.9	38.9

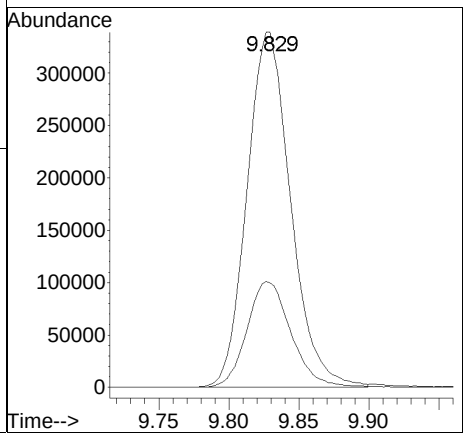


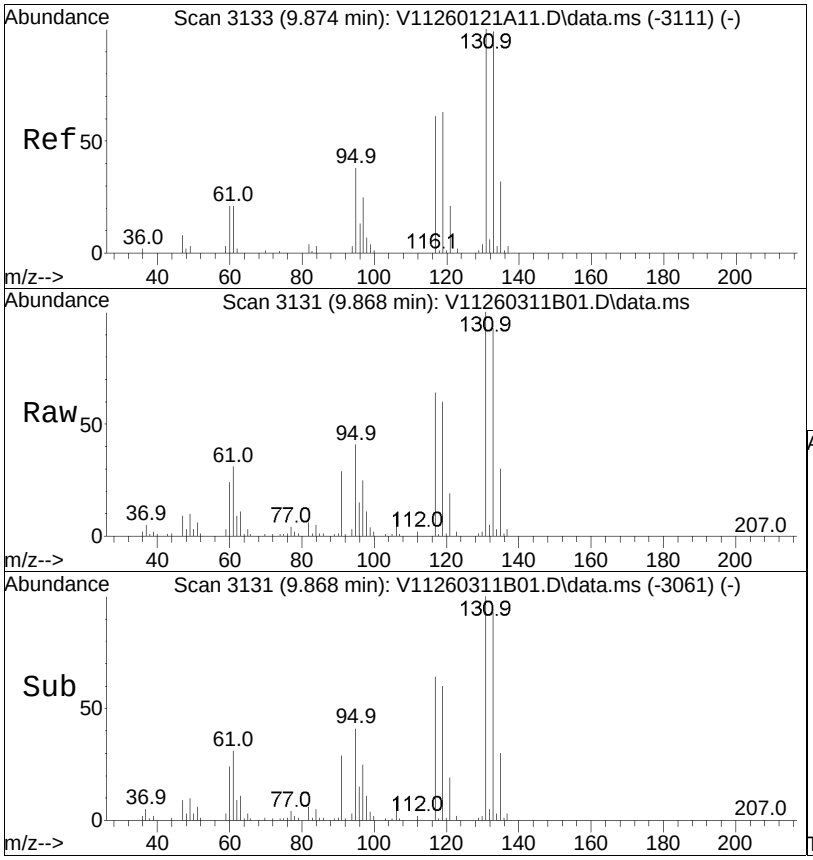


#74
Ethylbenzene
Concen: 40.90 ug/L
RT: 9.829 min Scan# 3117
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 91 Resp: 734056

Ion	Ratio	Lower	Upper
91	100		
106	30.3	25.0	37.4

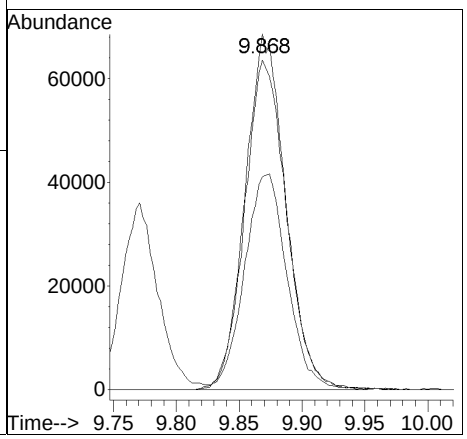


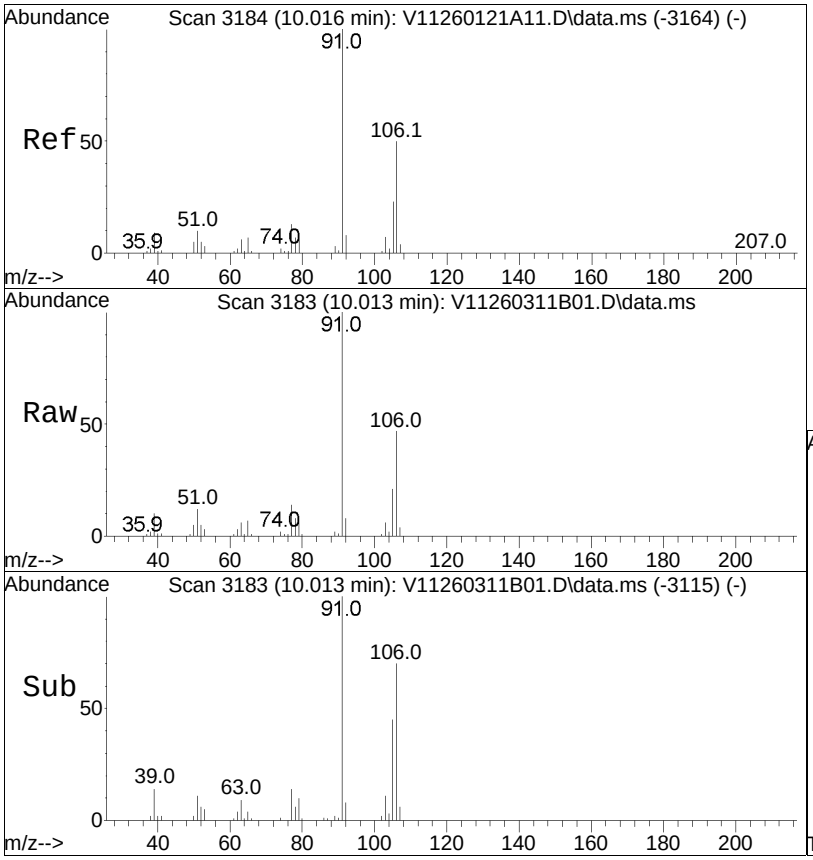


#75
1,1,1,2-Tetrachloroethane
Concen: 37.65 ug/L
RT: 9.868 min Scan# 3131
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:131 Resp: 154454

Ion	Ratio	Lower	Upper
131	100		
133	95.0	75.2	115.2
119	63.2	44.7	84.7

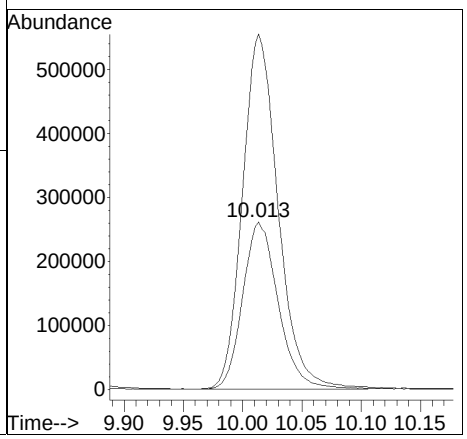


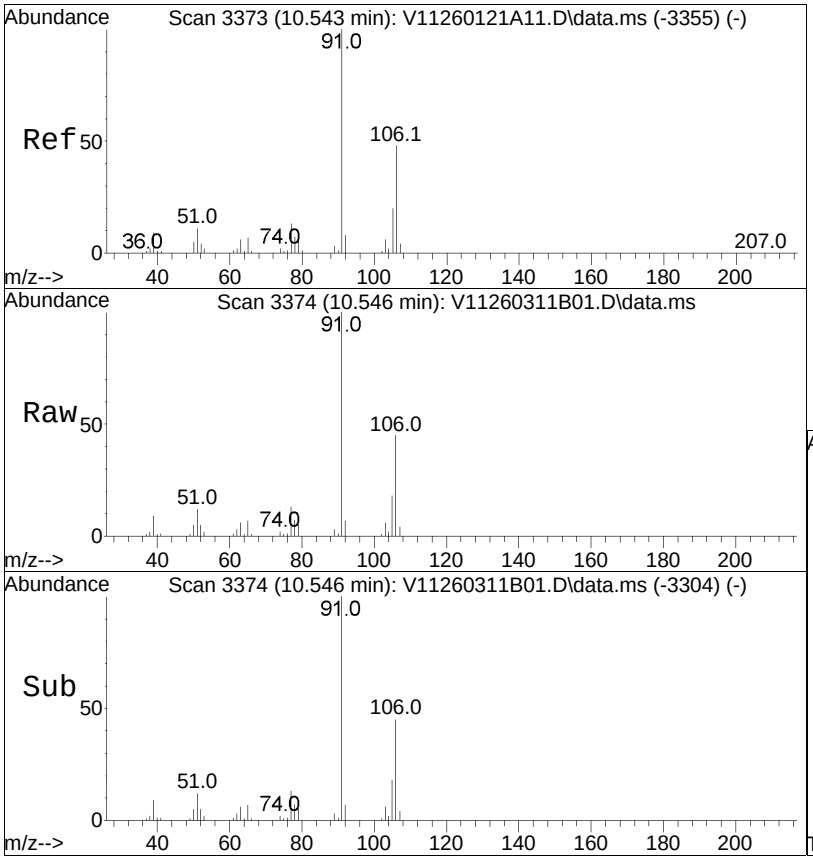


#76
p/m Xylene
Concen: 80.78 ug/L
RT: 10.013 min Scan# 3183
Delta R.T. -0.011 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:106 Resp: 547376

Ion	Ratio	Lower	Upper
106	100		
91	211.9	159.3	238.9

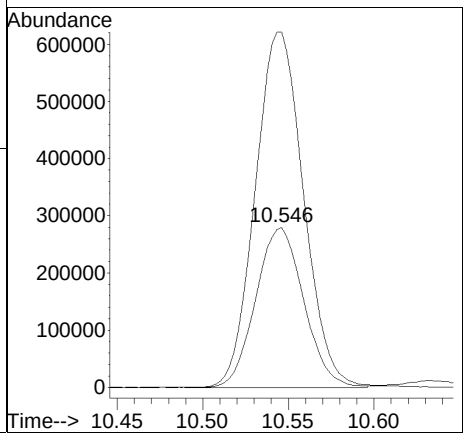


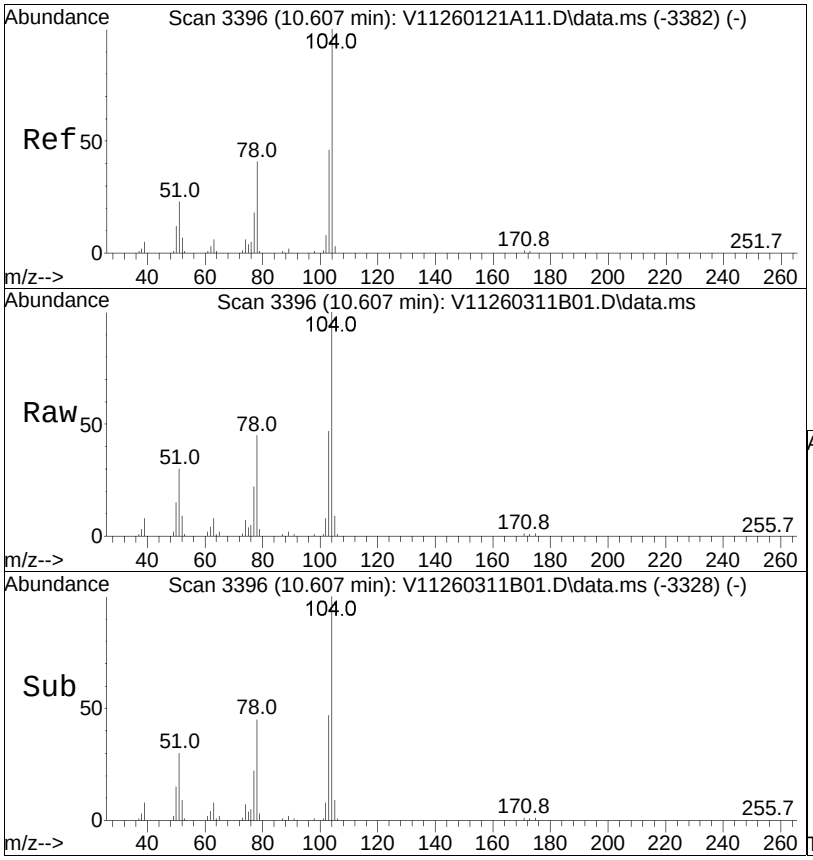


#77
o Xylene
Concen: 78.64 ug/L
RT: 10.546 min Scan# 3374
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:106 Resp: 543830

Ion	Ratio	Lower	Upper
106	100		
91	224.3	170.2	255.2

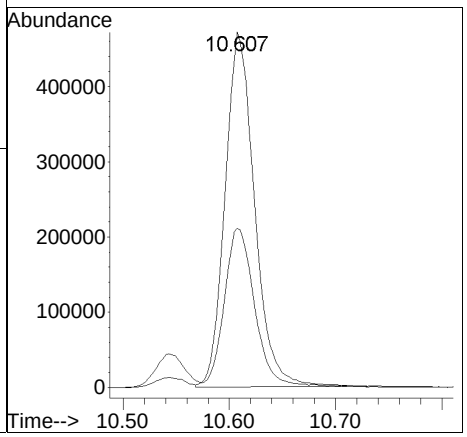


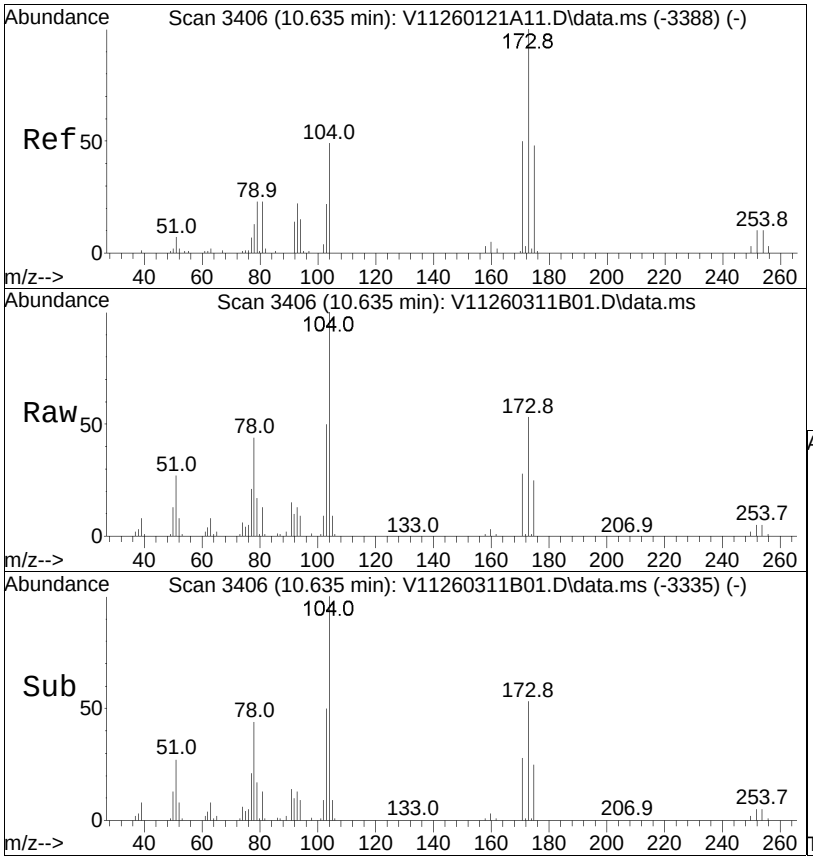


#78
Styrene
Concen: 78.57 ug/L
RT: 10.607 min Scan# 3396
Delta R.T. -0.011 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:104 Resp: 910600

Ion	Ratio	Lower	Upper
104	100		
78	45.1	34.4	51.6

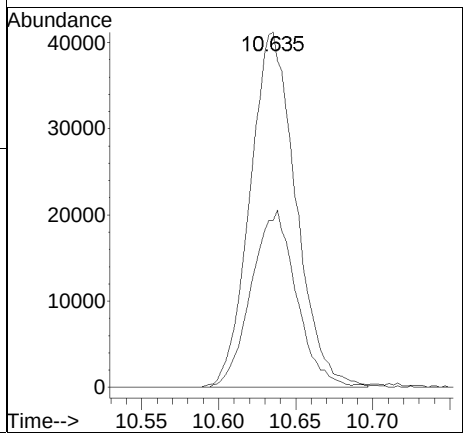


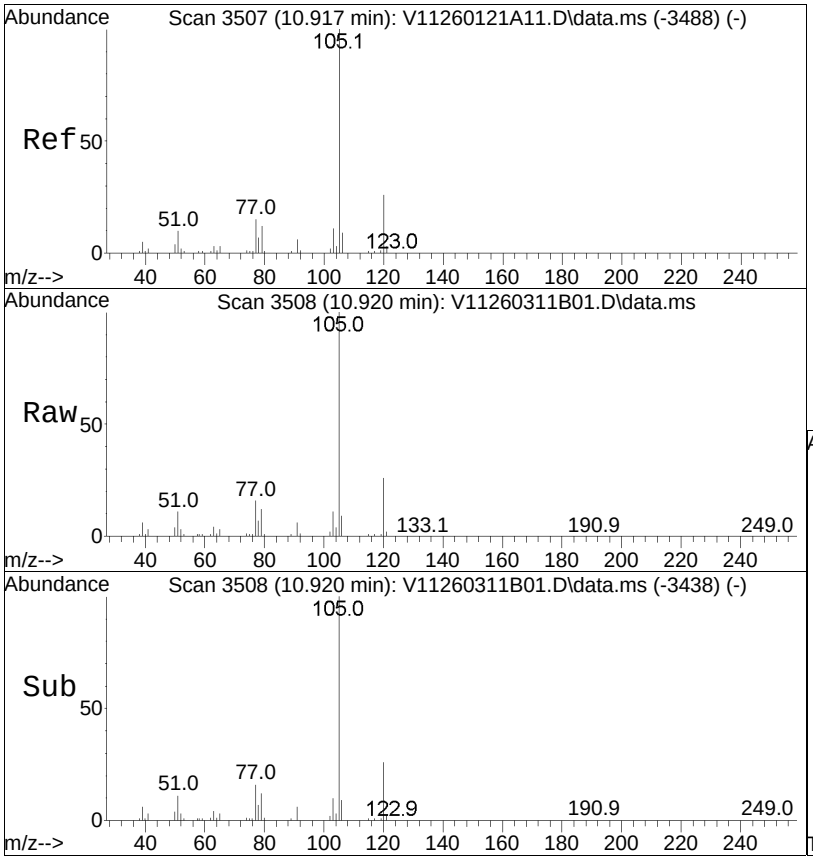


#80
Bromoform
Concen: 35.39 ug/L
RT: 10.635 min Scan# 3406
Delta R.T. -0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:173 Resp: 85180

Ion	Ratio	Lower	Upper
173	100		
175	49.3	28.1	68.1

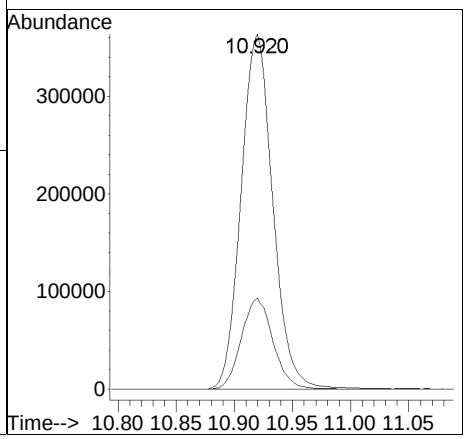


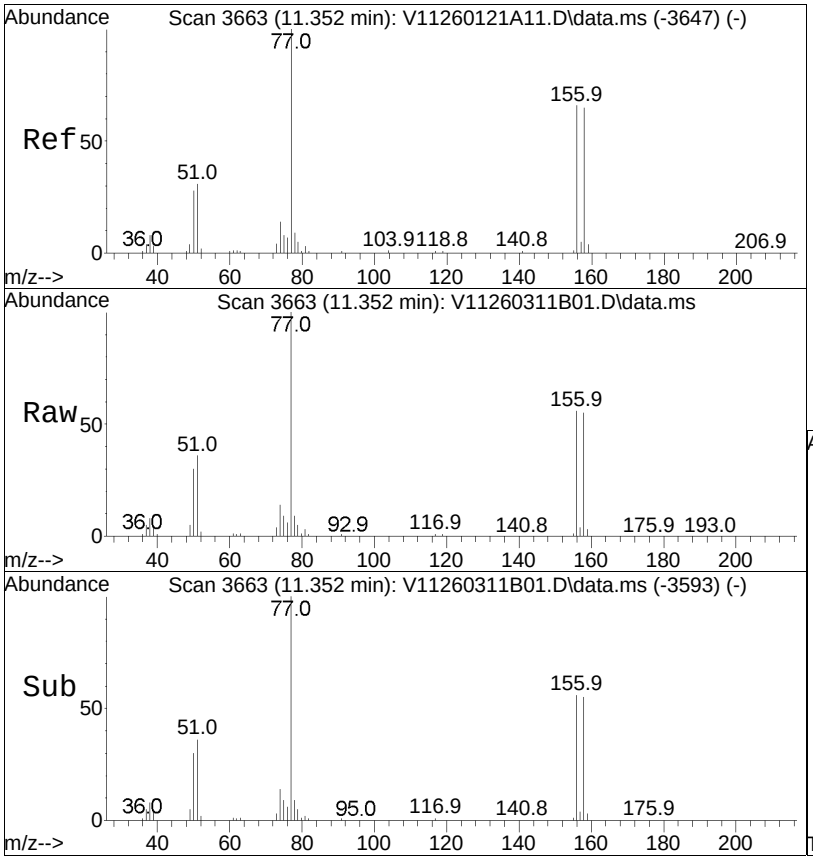


#82
Isopropylbenzene
Concen: 43.15 ug/L
RT: 10.920 min Scan# 3508
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:105 Resp: 692741

Ion	Ratio	Lower	Upper
105	100		
120	25.7	6.9	46.9

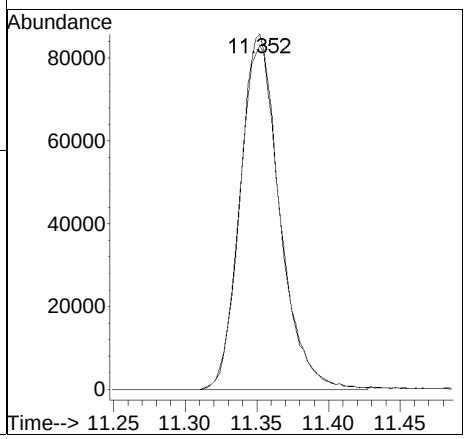


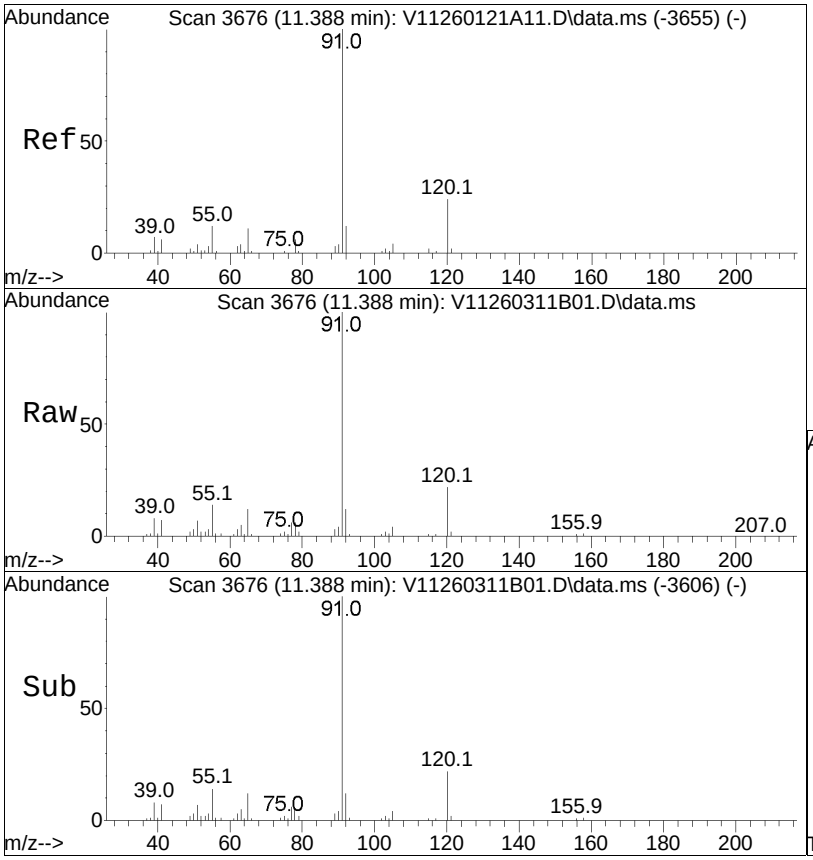


#84
Bromobenzene
Concen: 38.24 ug/L
RT: 11.352 min Scan# 3663
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:156 Resp: 164858

Ion	Ratio	Lower	Upper
156	100		
158	97.8	77.5	116.3

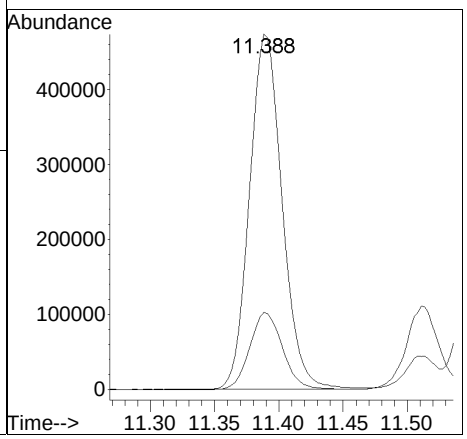


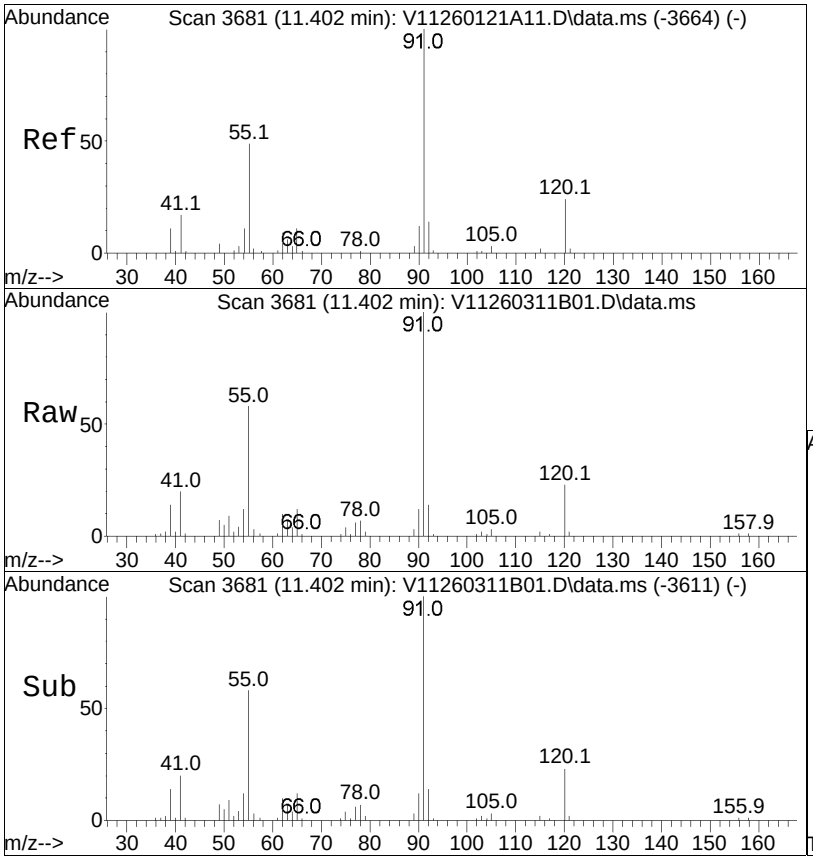


#85
n-Propylbenzene
Concen: 44.64 ug/L
RT: 11.388 min Scan# 3676
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 91 Resp: 838146

Ion	Ratio	Lower	Upper
91	100		
120	21.7	18.6	27.8

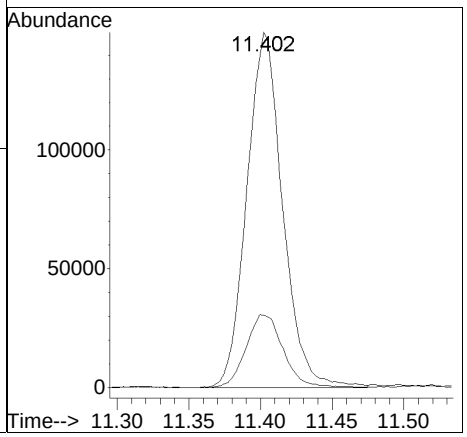


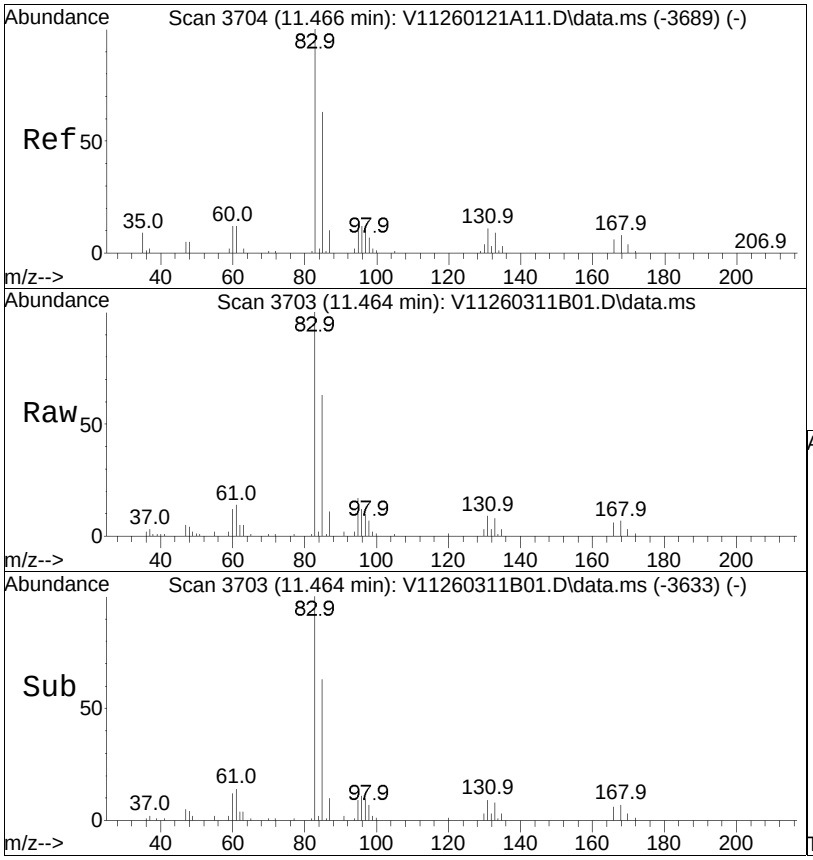


#86
1,4-Dichlorobutane
Concen: 49.03 ug/L
RT: 11.402 min Scan# 3681
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 55 Resp: 259746

Ion	Ratio	Lower	Upper
55	100		
54	21.2	15.6	23.4

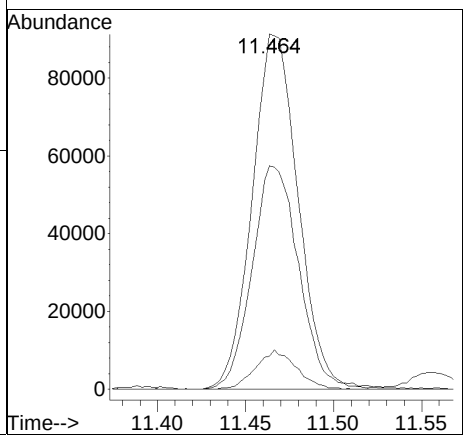


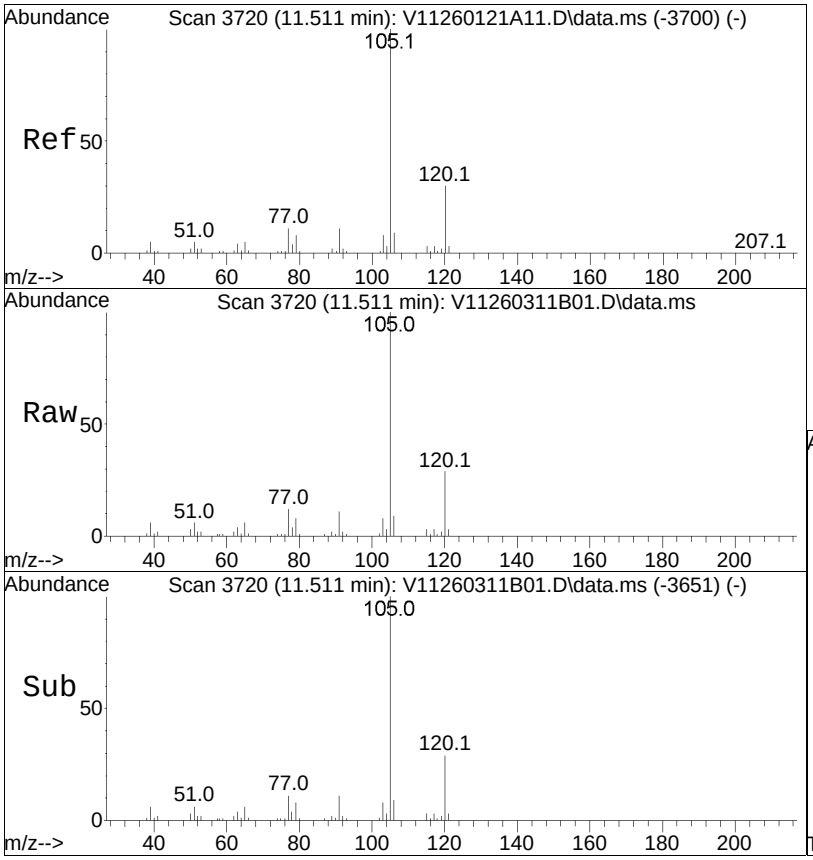


#87
1,1,2,2-Tetrachloroethane
Concen: 42.86 ug/L
RT: 11.464 min Scan# 3703
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 83 Resp: 165469

Ion	Ratio	Lower	Upper
83	100		
131	9.9	0.0	30.1
85	64.5	45.8	85.8

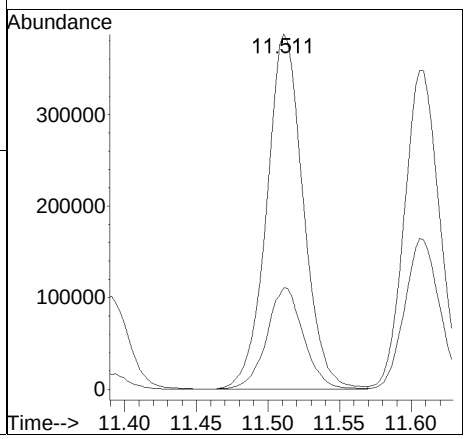


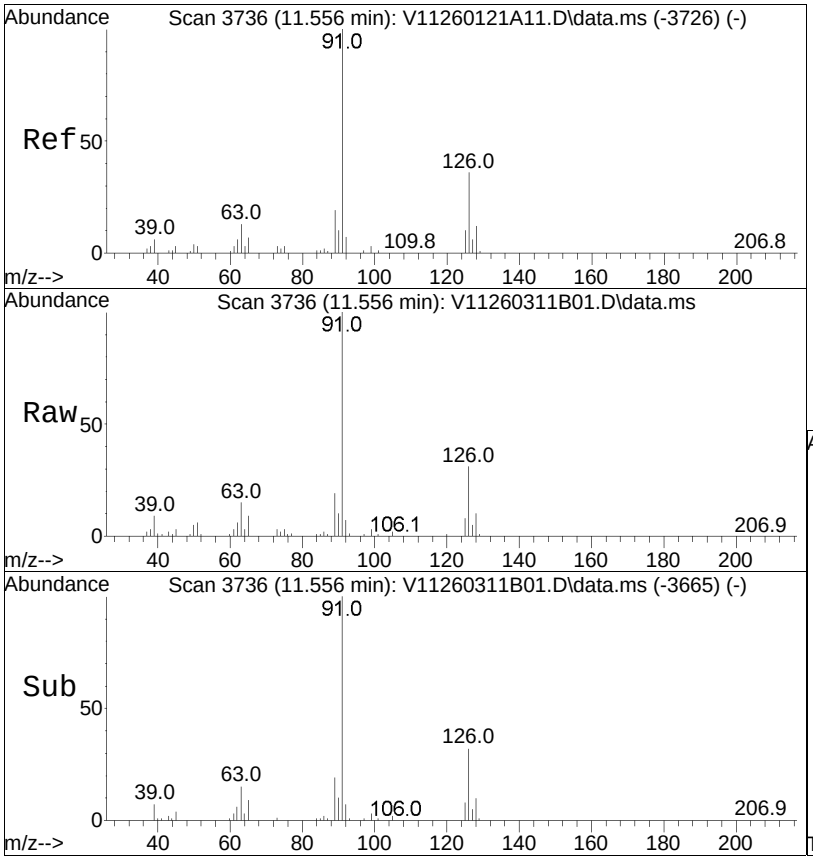


#88
4-Ethyltoluene
Concen: 43.47 ug/L
RT: 11.511 min Scan# 3720
Delta R.T. -0.008 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:105 Resp: 688400

Ion	Ratio	Lower	Upper
105	100		
120	28.7	19.5	40.5

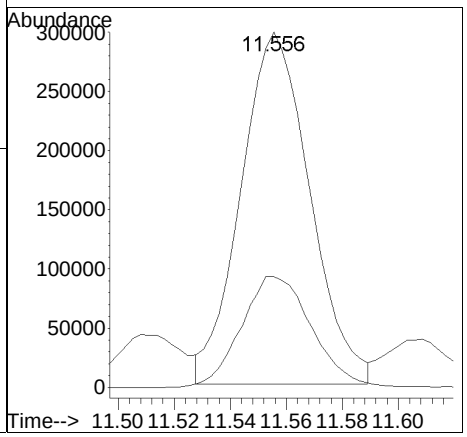


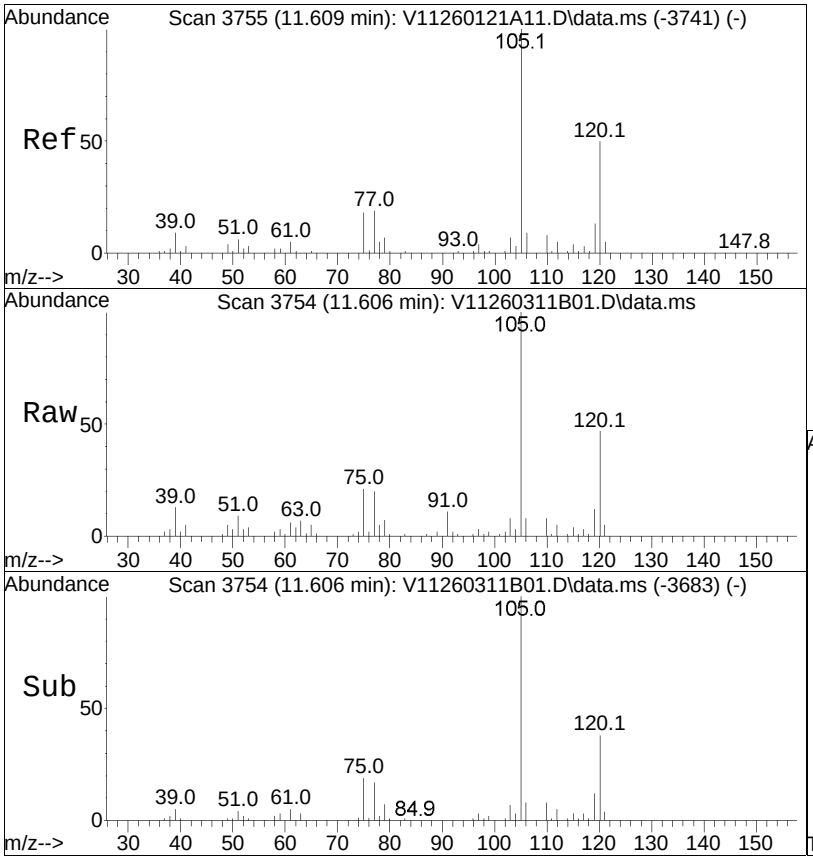


#89
2-Chlorotoluene
Concen: 44.46 ug/L
RT: 11.556 min Scan# 3736
Delta R.T. -0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 91 Resp: 508469

Ion	Ratio	Lower	Upper
91	100		
126	32.3	24.3	36.5

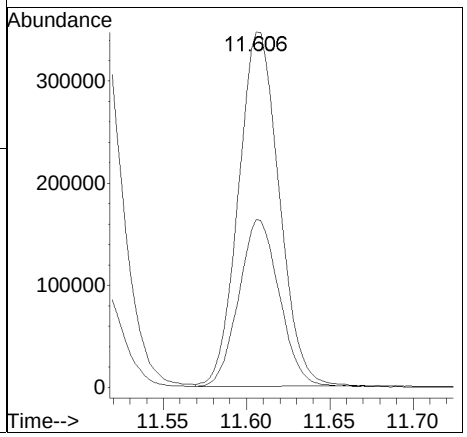


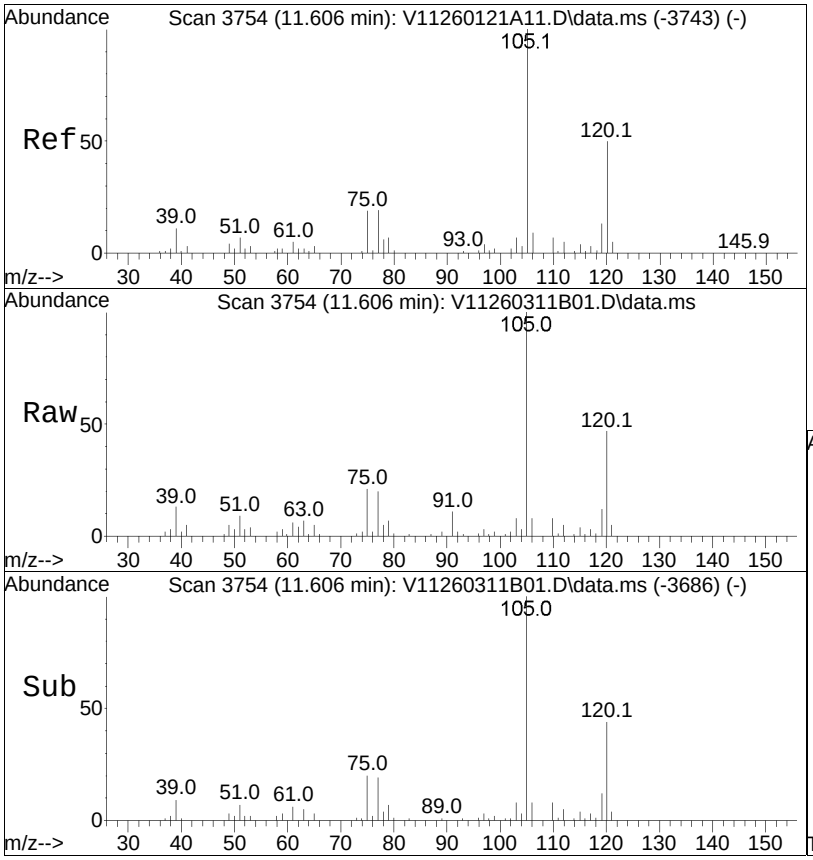


#90
1,3,5-Trimethylbenzene
Concen: 42.69 ug/L
RT: 11.606 min Scan# 3754
Delta R.T. -0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:105 Resp: 590587

Ion	Ratio	Lower	Upper
105	100		
120	47.4	39.8	59.8

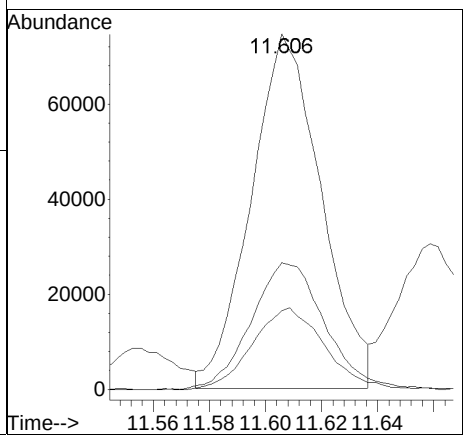


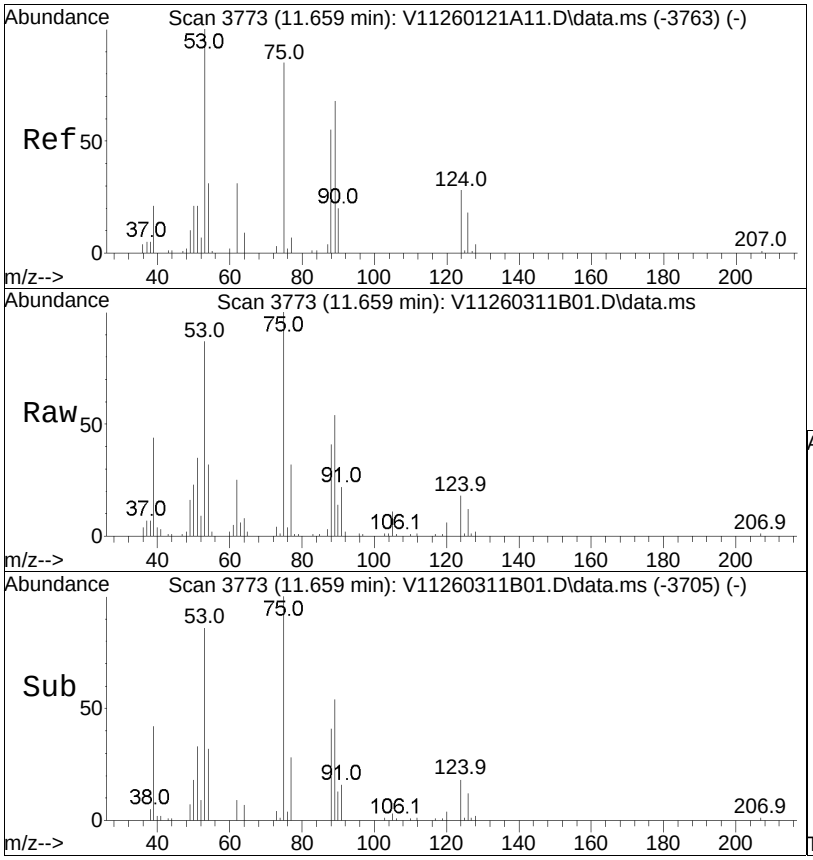


#91
1,2,3-Trichloropropane
Concen: 43.72 ug/L
RT: 11.606 min Scan# 3754
Delta R.T. -0.011 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 75 Resp: 129680

Ion	Ratio	Lower	Upper
75	100		
110	37.5	25.2	52.2
112	23.7	15.7	32.5

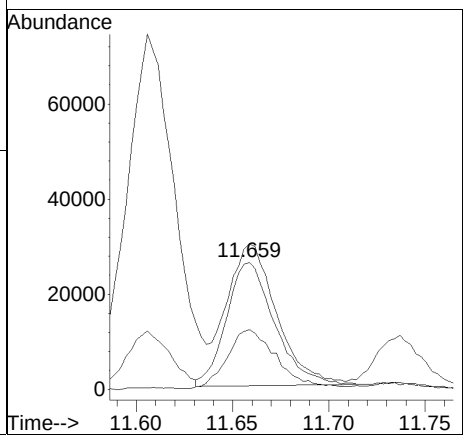


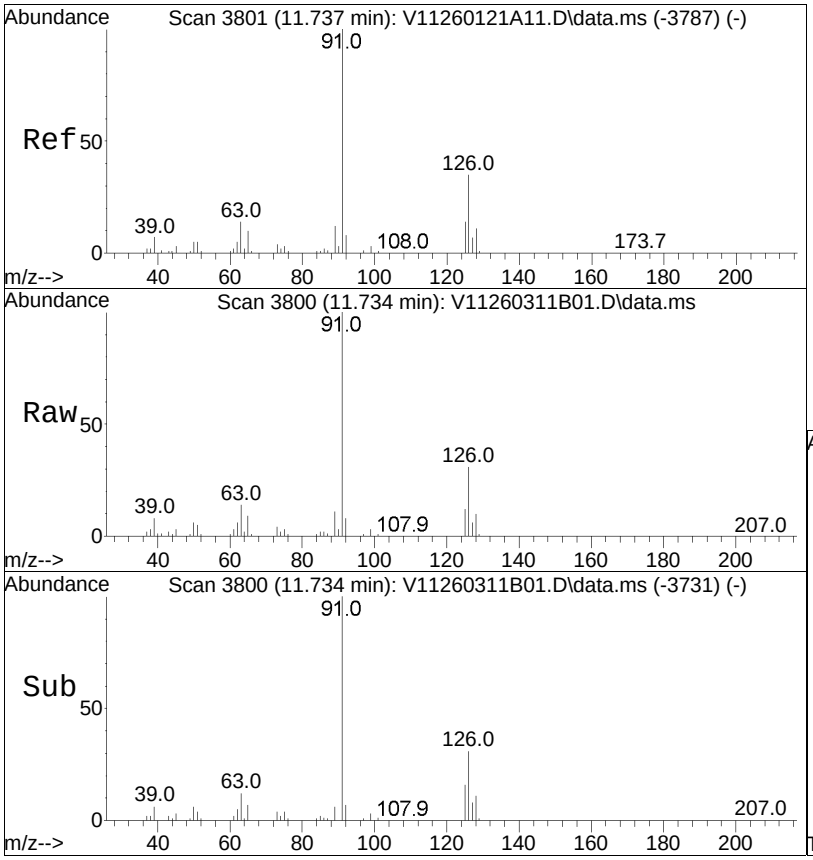


#92
trans-1,4-Dichloro-2-butene
Concen: 41.59 ug/L
RT: 11.659 min Scan# 3773
Delta R.T. -0.011 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 53 Resp: 45046

Ion	Ratio	Lower	Upper
53	100		
88	49.3	34.1	51.1
75	125.2	82.8	124.2#

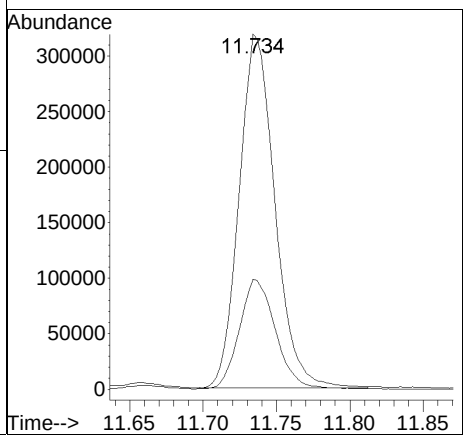


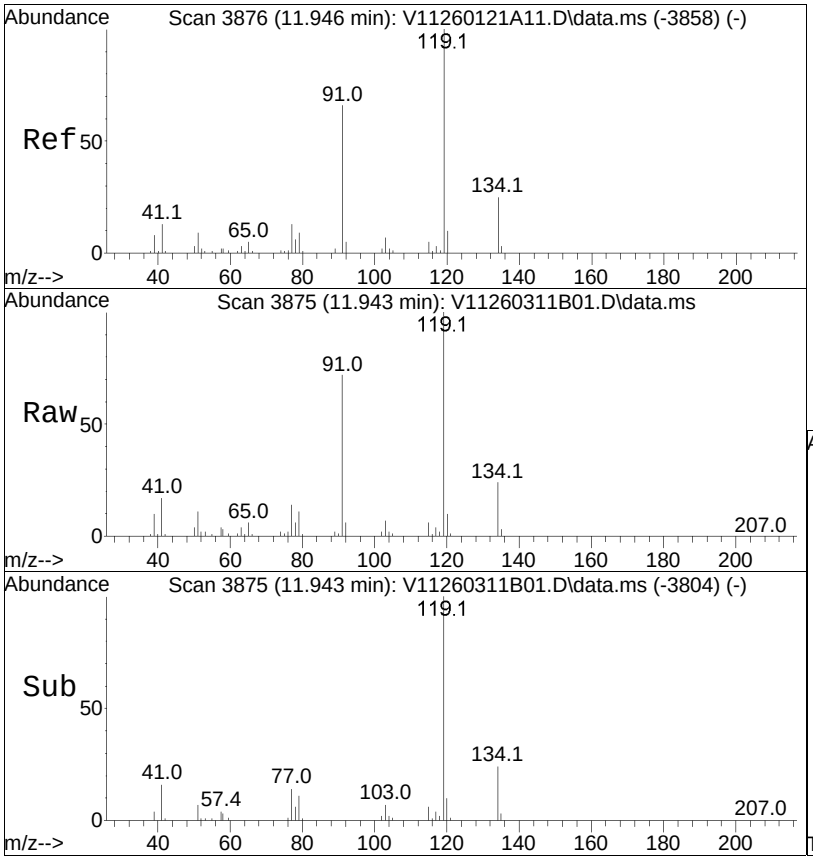


#93
4-Chlorotoluene
Concen: 45.34 ug/L
RT: 11.734 min Scan# 3800
Delta R.T. -0.008 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 91 Resp: 538967

Ion	Ratio	Lower	Upper
91	100		
126	31.3	27.9	41.9

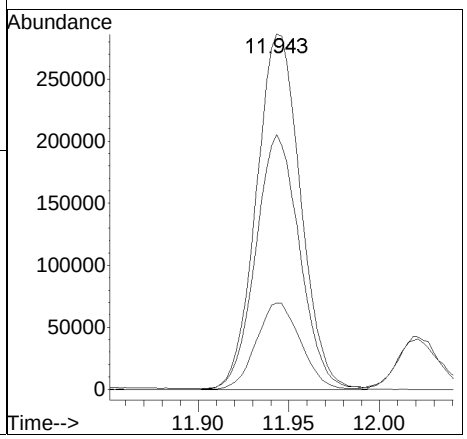


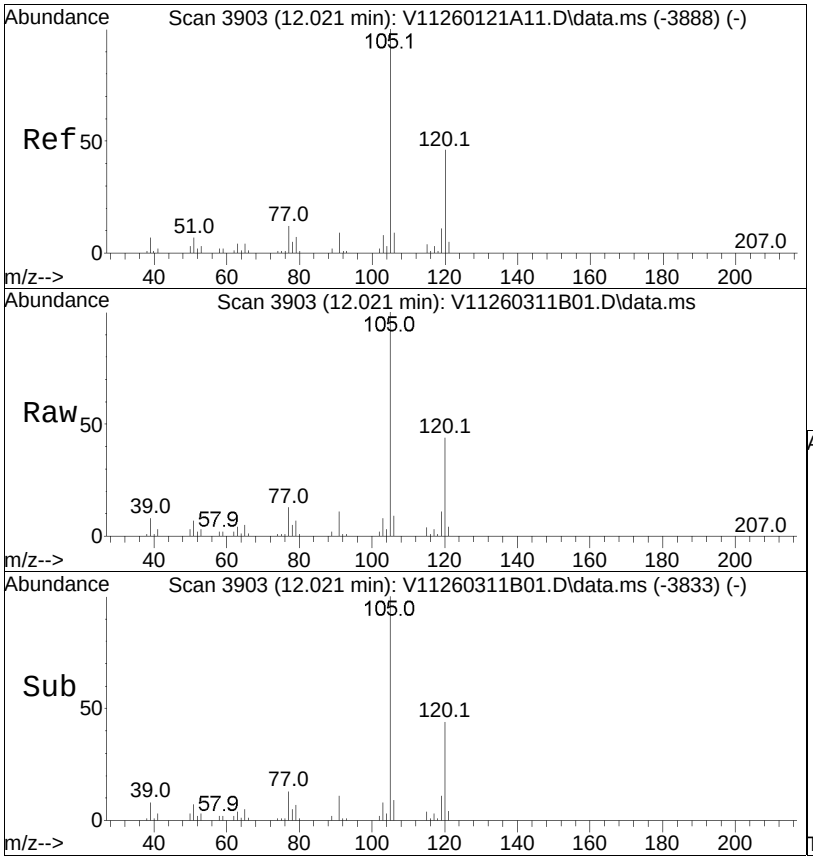


#94
tert-Butylbenzene
Concen: 41.95 ug/L
RT: 11.943 min Scan# 3875
Delta R.T. -0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:119 Resp: 485696

Ion	Ratio	Lower	Upper
119	100		
91	70.8	53.0	79.4
134	24.3	19.8	29.6

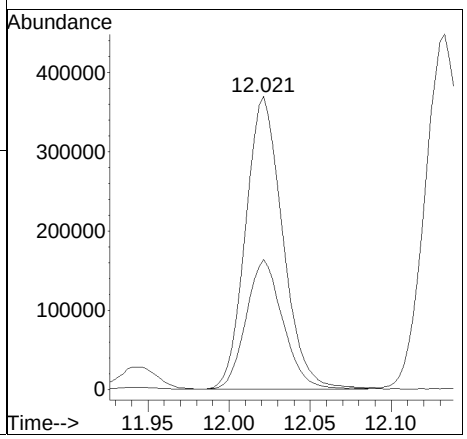


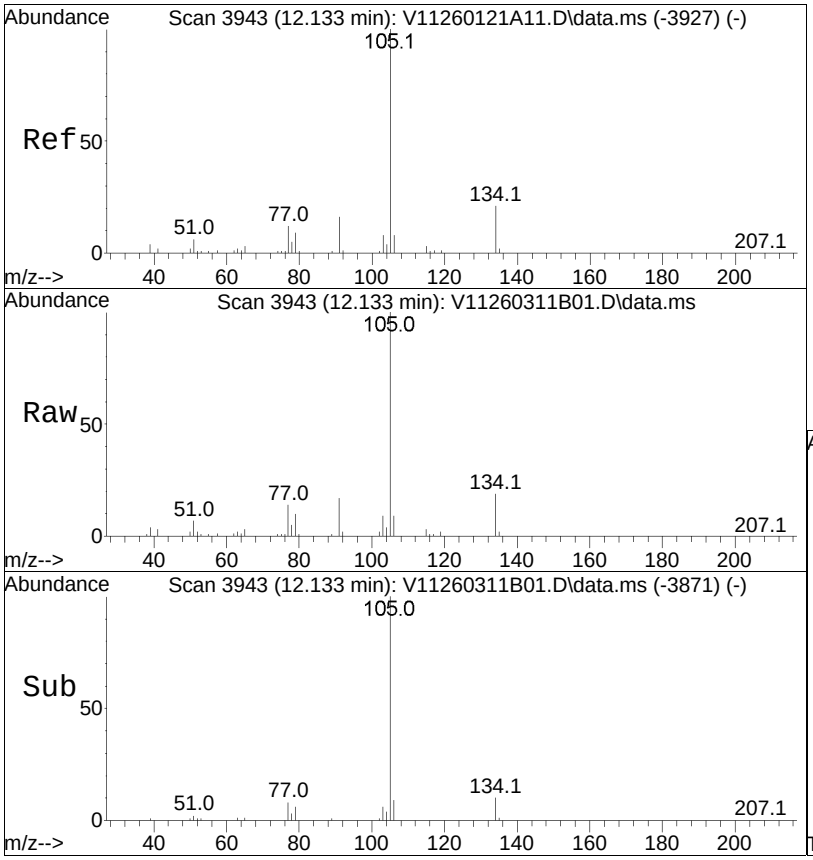


#97
1,2,4-Trimethylbenzene
Concen: 43.21 ug/L
RT: 12.021 min Scan# 3903
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:105 Resp: 589153

Ion	Ratio	Lower	Upper
105	100		
120	43.7	37.4	56.0

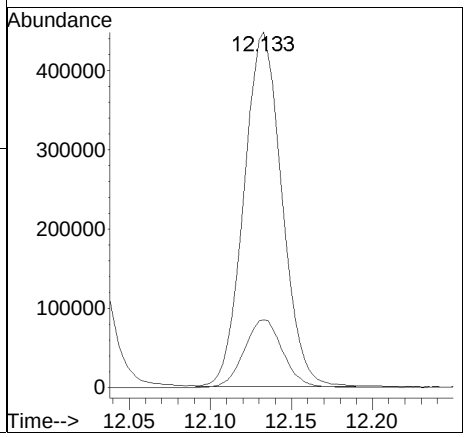


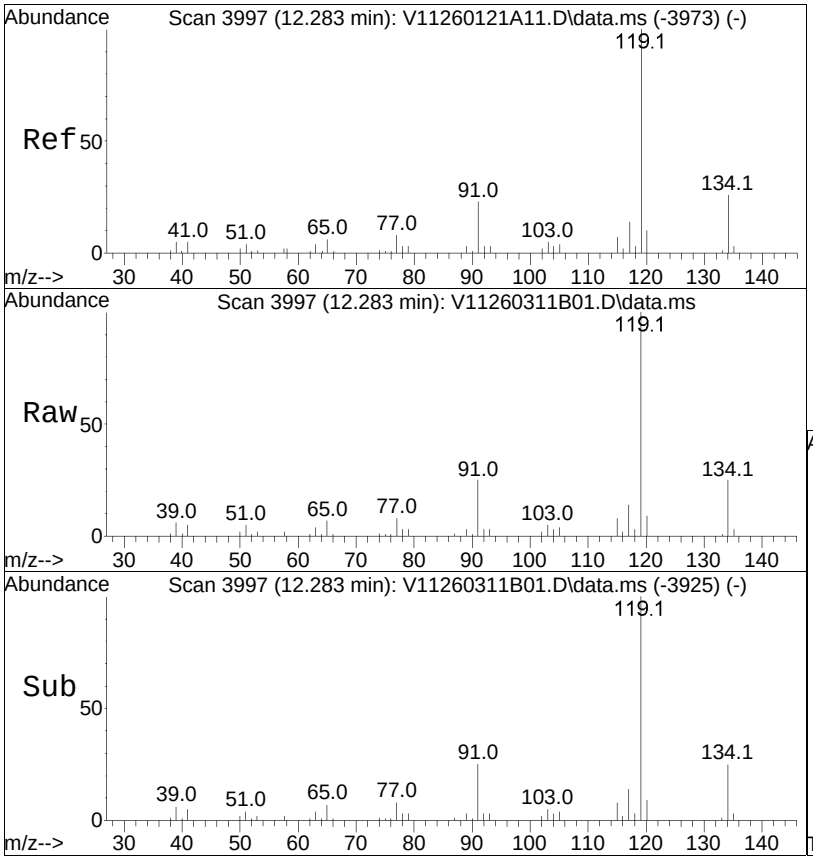


#98
sec-Butylbenzene
Concen: 42.59 ug/L
RT: 12.133 min Scan# 3943
Delta R.T. -0.000 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:105 Resp: 727240

Ion	Ratio	Lower	Upper
105	100		
134	19.4	13.2	27.4

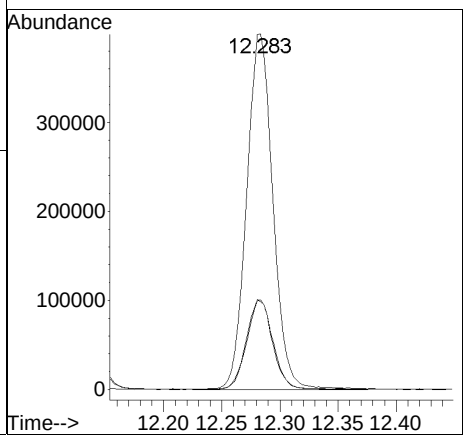


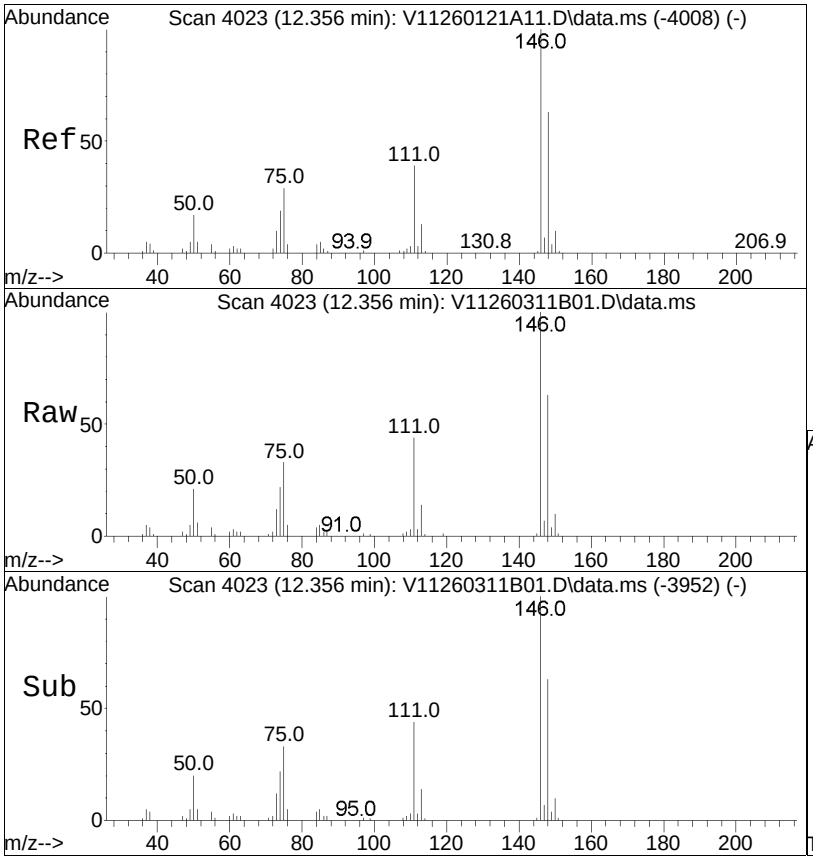


#99
p-Isopropyltoluene
Concen: 42.18 ug/L
RT: 12.283 min Scan# 3997
Delta R.T. -0.000 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:119 Resp: 629038

Ion	Ratio	Lower	Upper
119	100		
134	25.0	17.1	35.5
91	24.9	15.3	31.9

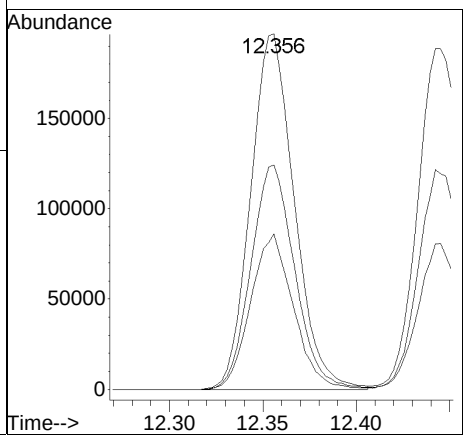


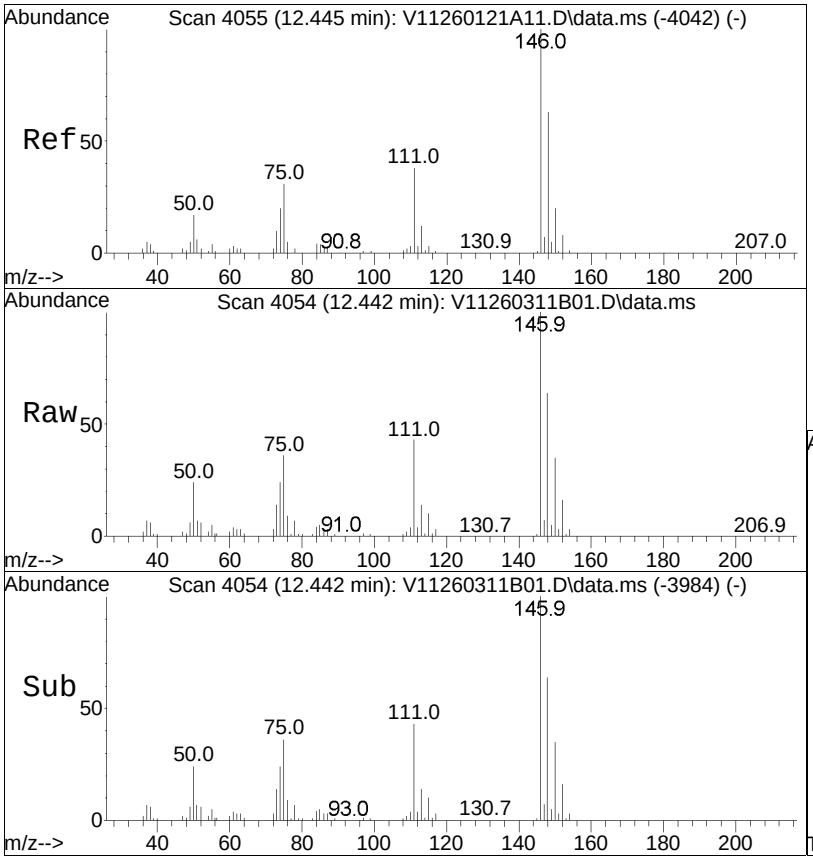


#100
1,3-Dichlorobenzene
Concen: 39.85 ug/L
RT: 12.356 min Scan# 4023
Delta R.T. -0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:146 Resp: 320397

Ion	Ratio	Lower	Upper
146	100		
111	42.9	25.6	53.2
148	63.2	41.3	85.9

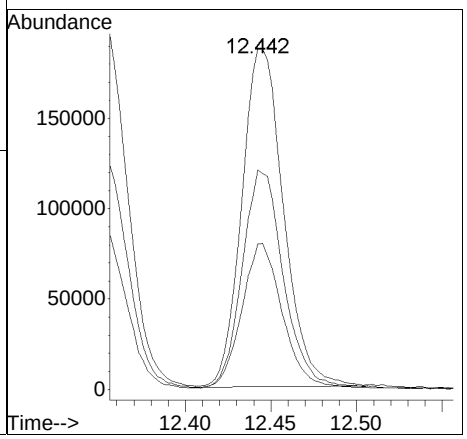


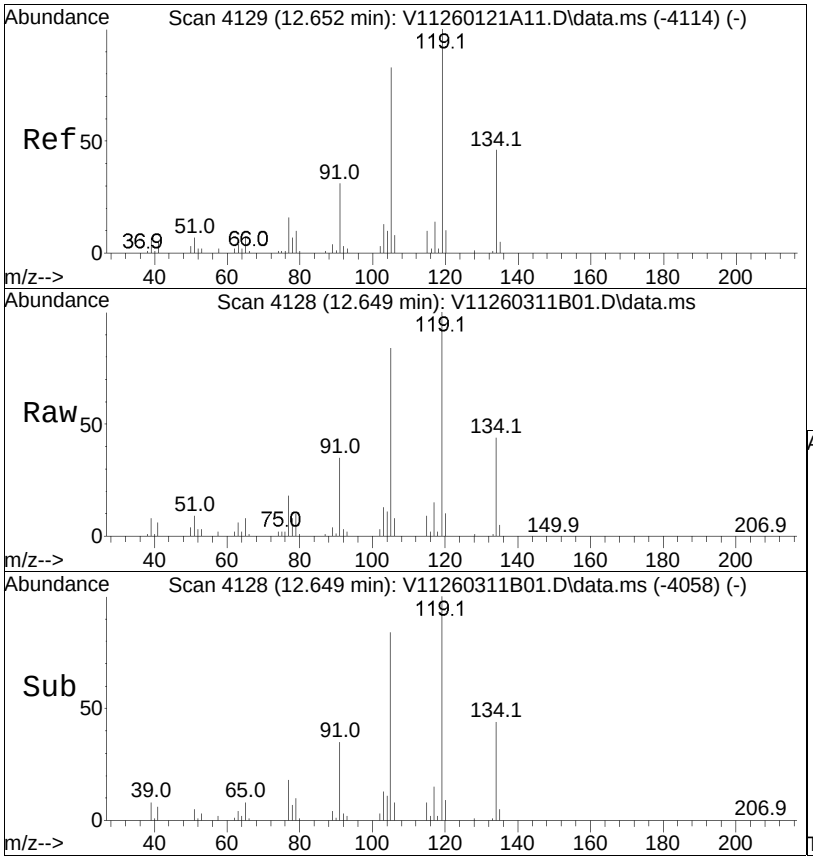


#101
1,4-Dichlorobenzene
Concen: 37.64 ug/L
RT: 12.442 min Scan# 4054
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:146 Resp: 318528

Ion	Ratio	Lower	Upper
146	100		
111	41.9	31.4	47.0
148	63.5	50.7	76.1

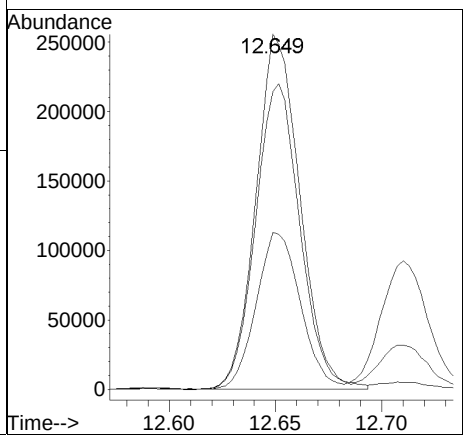


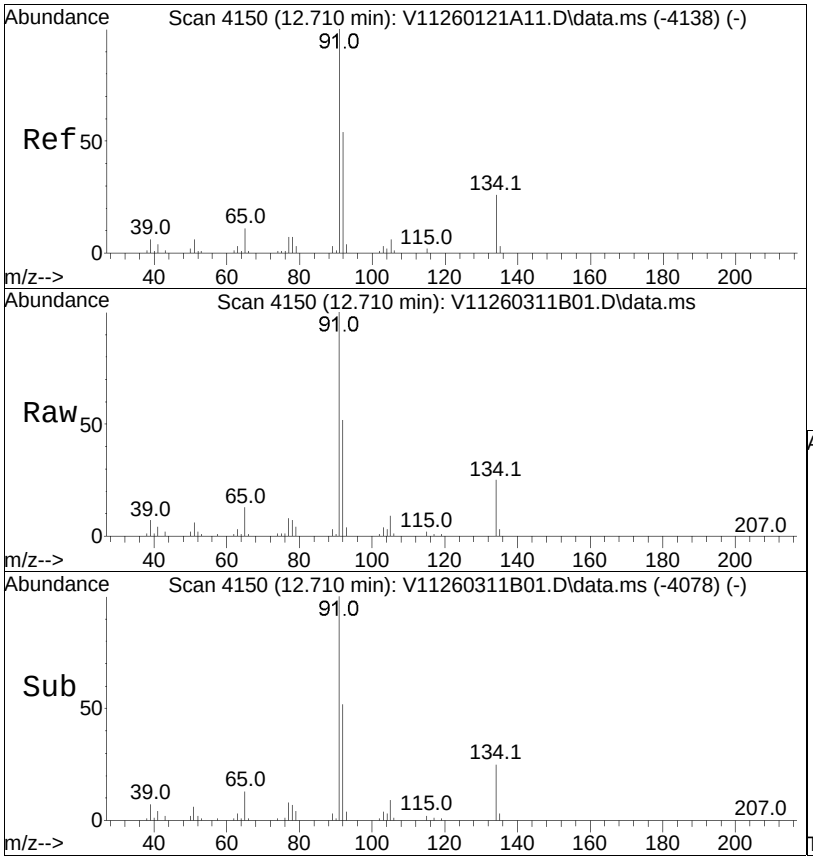


#102
p-Diethylbenzene
Concen: 41.41 ug/L
RT: 12.649 min Scan# 4128
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:119 Resp: 366812

Ion	Ratio	Lower	Upper
119	100		
105	86.6	54.5	113.3
134	44.7	29.9	62.1

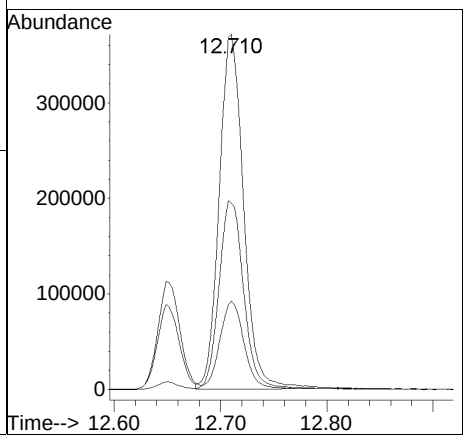


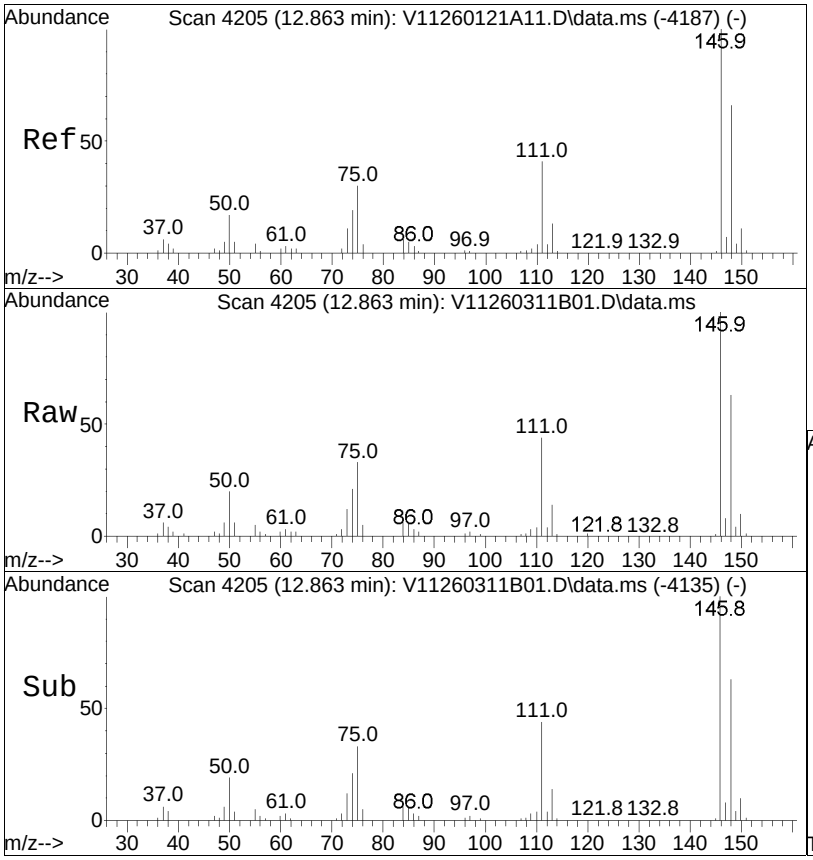


#103
n-Butylbenzene
Concen: 44.16 ug/L
RT: 12.710 min Scan# 4150
Delta R.T. -0.000 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion: 91 Resp: 594544

Ion	Ratio	Lower	Upper
91	100		
92	52.8	43.3	64.9
134	24.1	21.4	32.0

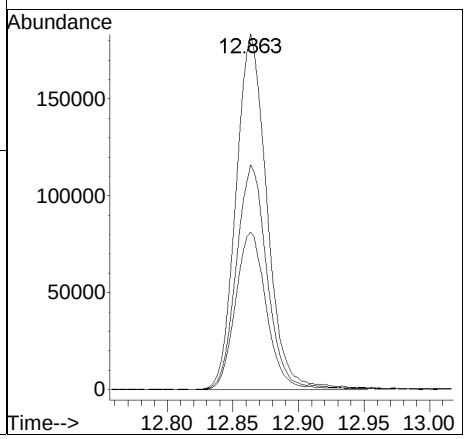


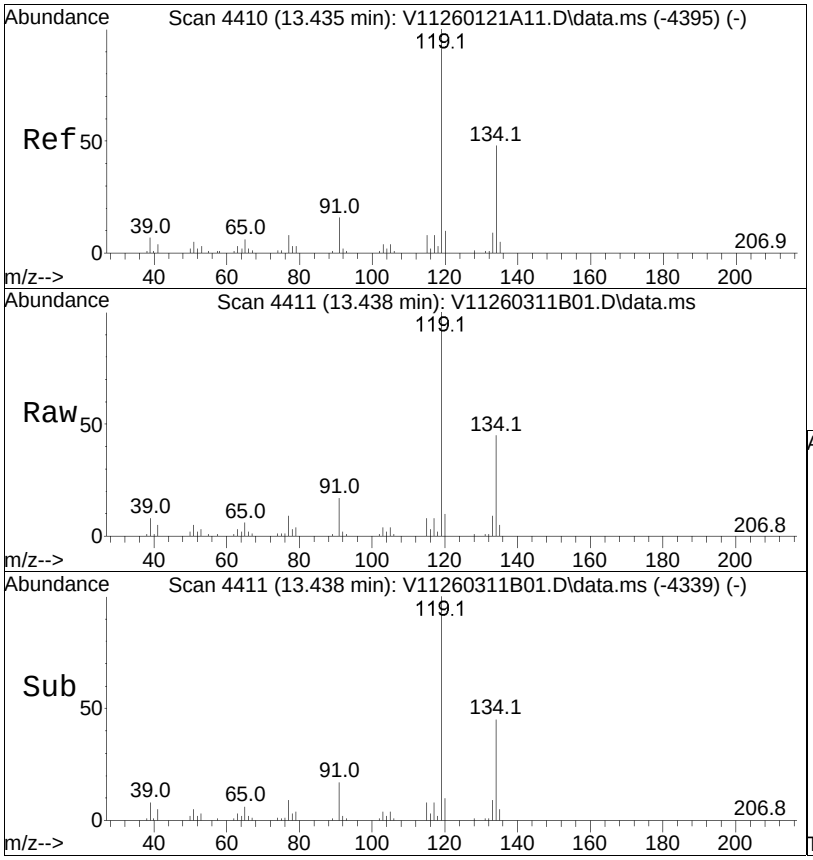


#104
1,2-Dichlorobenzene
Concen: 39.84 ug/L
RT: 12.863 min Scan# 4205
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:146 Resp: 301816

Ion	Ratio	Lower	Upper
146	100		
111	44.2	26.9	55.9
148	62.8	41.2	85.6

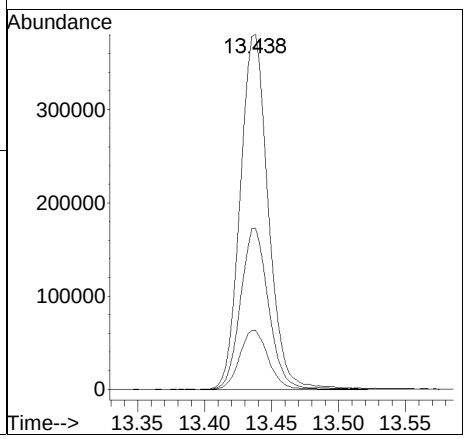


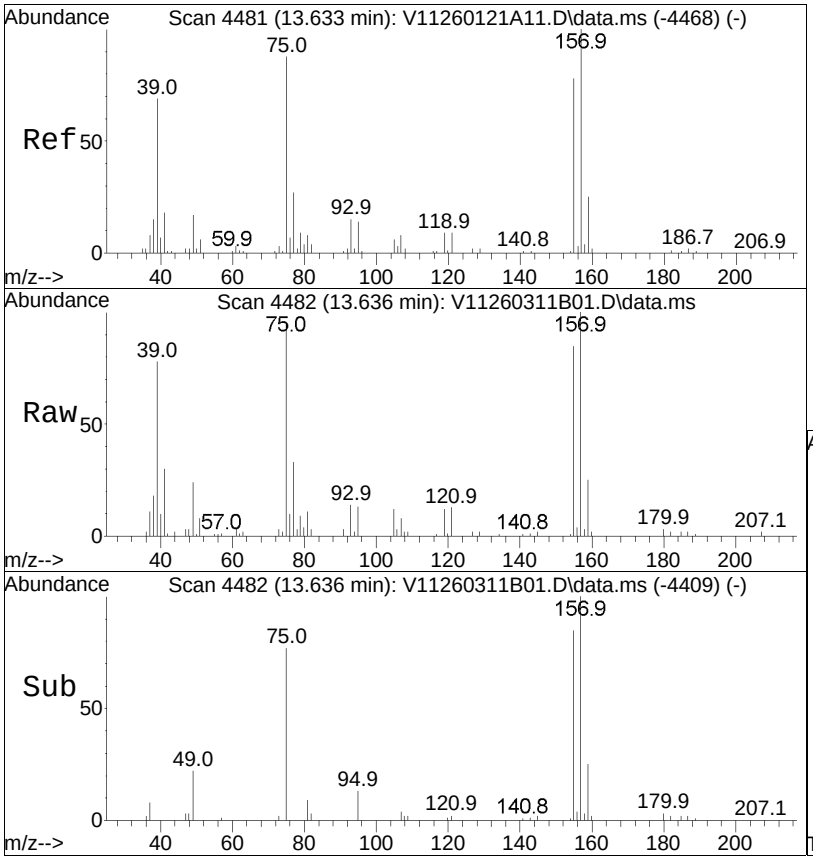


#105
1,2,4,5-Tetramethylbenzene
Concen: 41.09 ug/L
RT: 13.438 min Scan# 4411
Delta R.T. -0.000 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:119 Resp: 555439

Ion	Ratio	Lower	Upper
119	100		
134	45.2	31.1	64.5
91	17.0	10.4	21.6

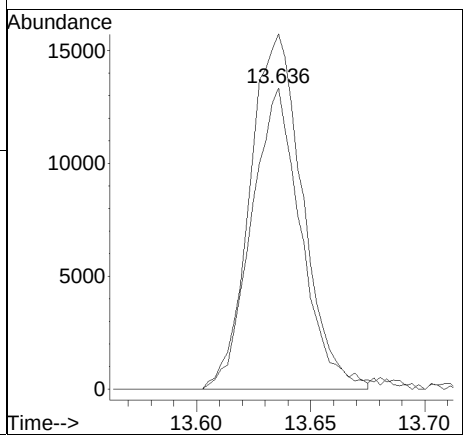


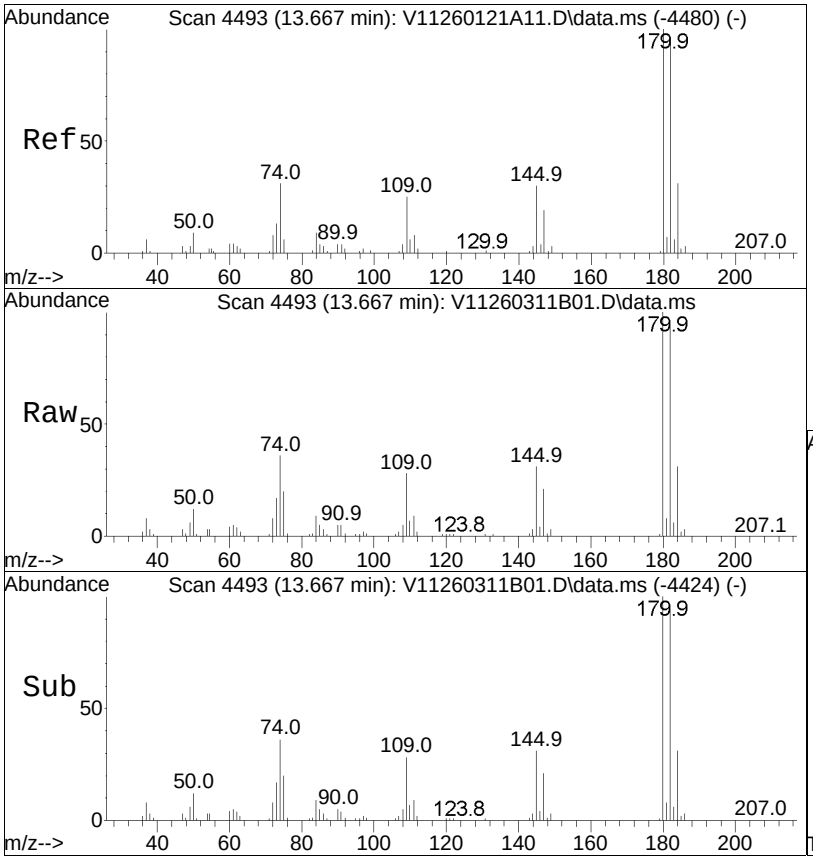


#106
1,2-Dibromo-3-chloropropane
Concen: 34.97 ug/L
RT: 13.636 min Scan# 4482
Delta R.T. 0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:155 Resp: 20177

Ion	Ratio	Lower	Upper
155	100		
157	125.9	100.0	150.0

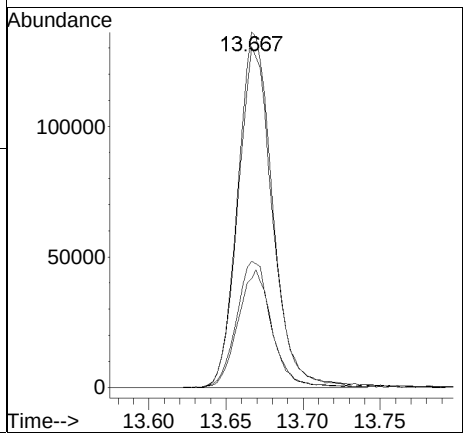


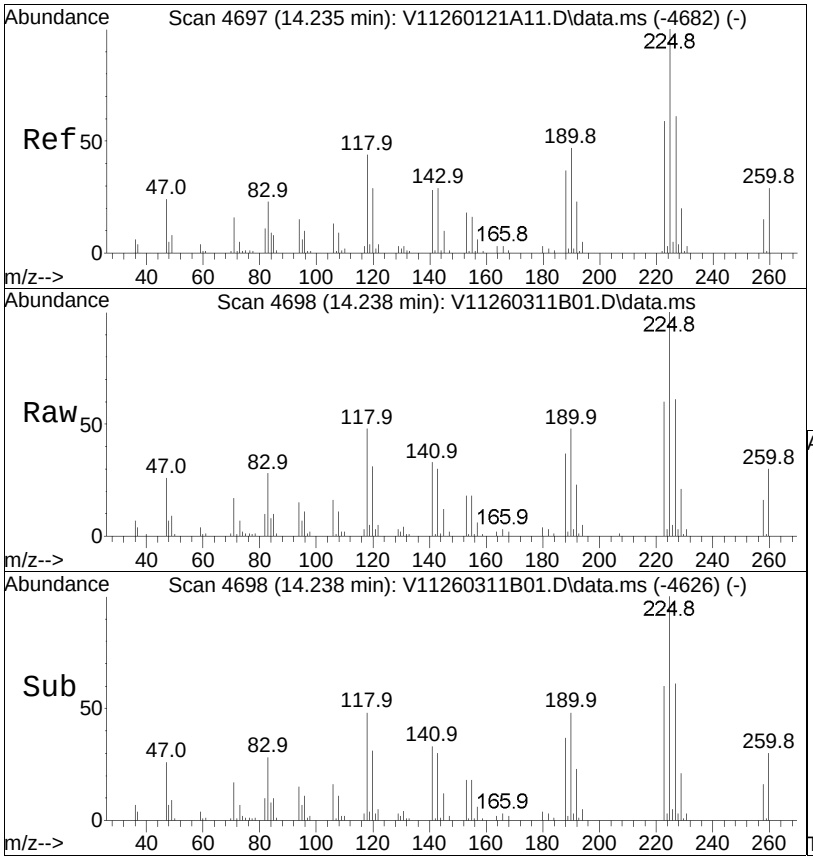


#107
1,3,5-Trichlorobenzene
Concen: 38.11 ug/L
RT: 13.667 min Scan# 4493
Delta R.T. -0.008 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:180 Resp: 214367

Ion	Ratio	Lower	Upper
180	100		
182	94.4	62.3	129.3
145	32.4	20.3	42.1
74	35.7	20.1	41.7

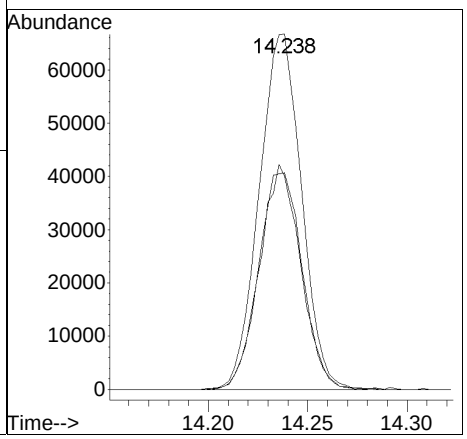


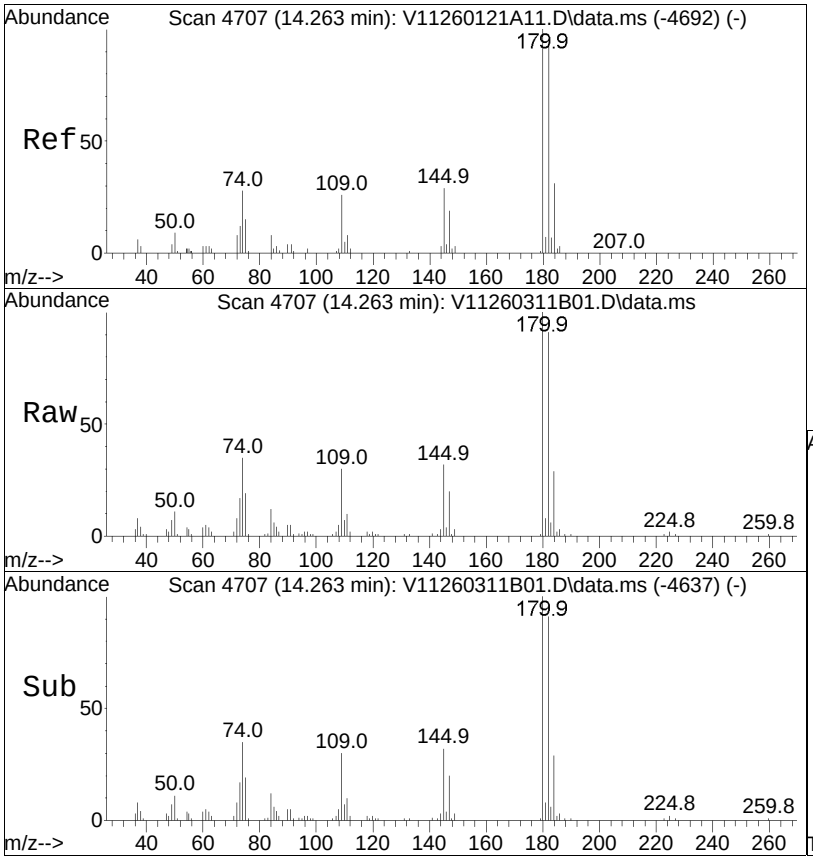


#108
Hexachlorobutadiene
Concen: 39.20 ug/L
RT: 14.238 min Scan# 4698
Delta R.T. -0.000 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:225 Resp: 99014

Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.9	74.9
227	63.2	50.6	75.8

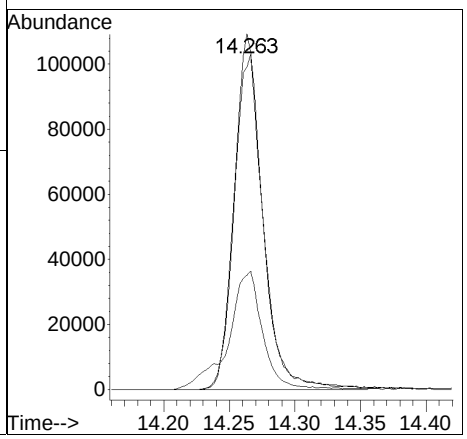


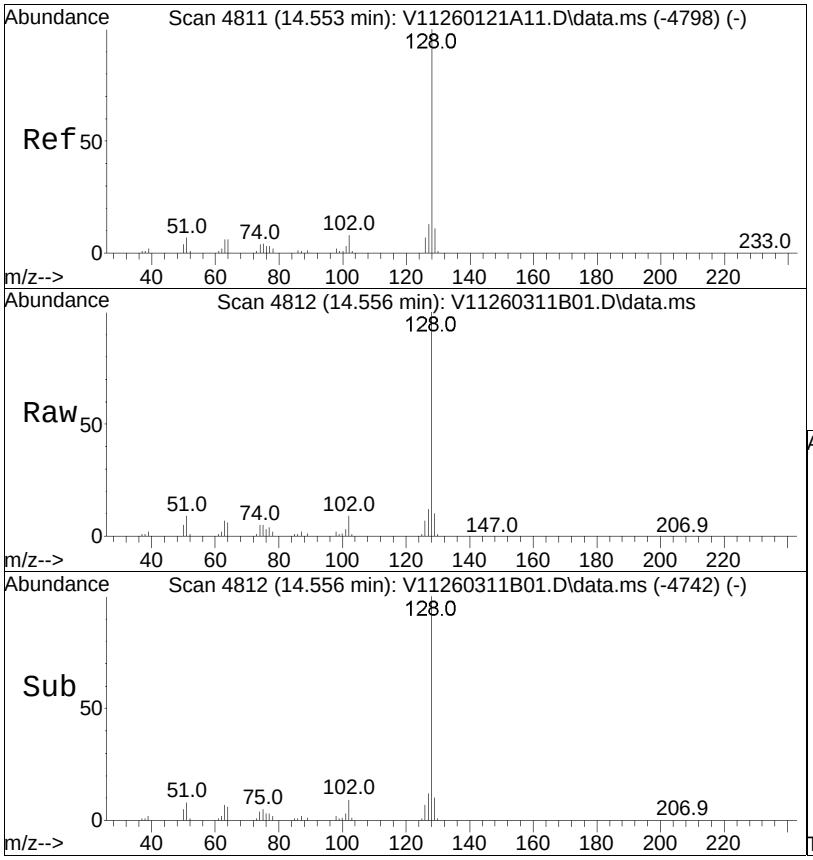


#109
1,2,4-Trichlorobenzene
Concen: 36.72 ug/L
RT: 14.263 min Scan# 4707
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:180 Resp: 166335

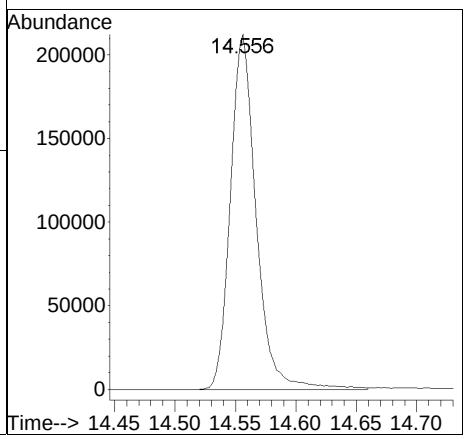
Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.6
145	39.2	29.6	44.4

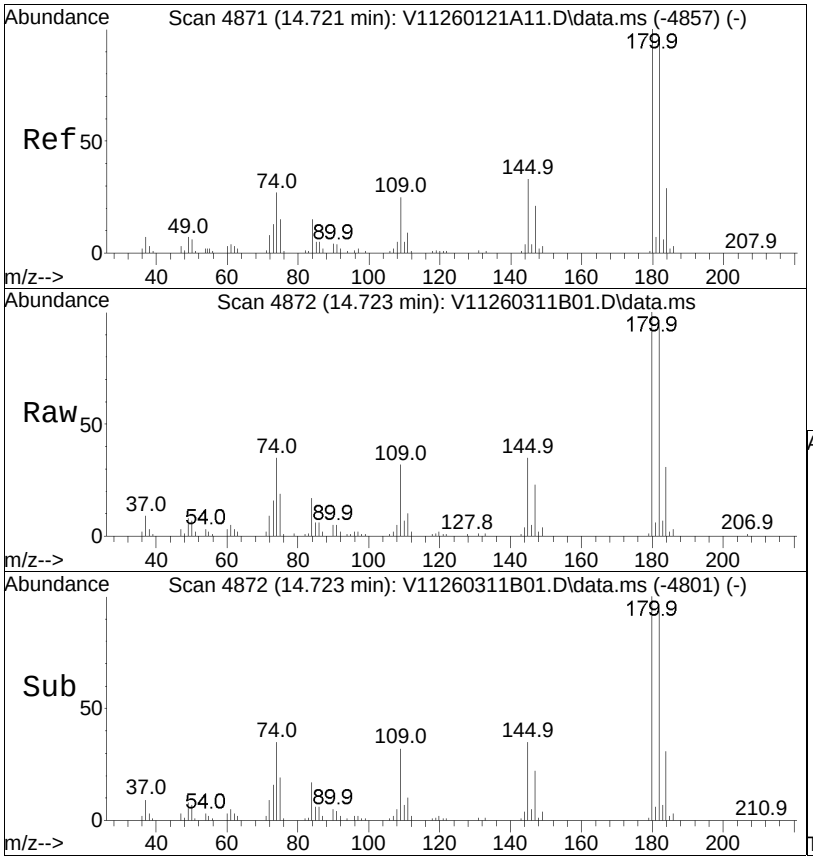




#110
Naphthalene
Concen: 37.14 ug/L
RT: 14.556 min Scan# 4812
Delta R.T. -0.006 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:128 Resp: 315249

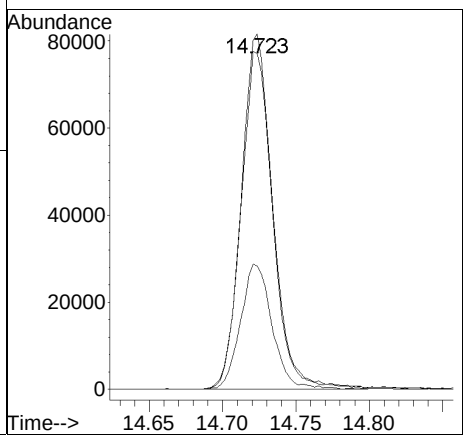




#111
1,2,3-Trichlorobenzene
Concen: 35.15 ug/L
RT: 14.723 min Scan# 4872
Delta R.T. -0.003 min
Lab File: V11260311B01.D
Acq: 11 Mar 2026 12:59 pm

Tgt Ion:180 Resp: 122550

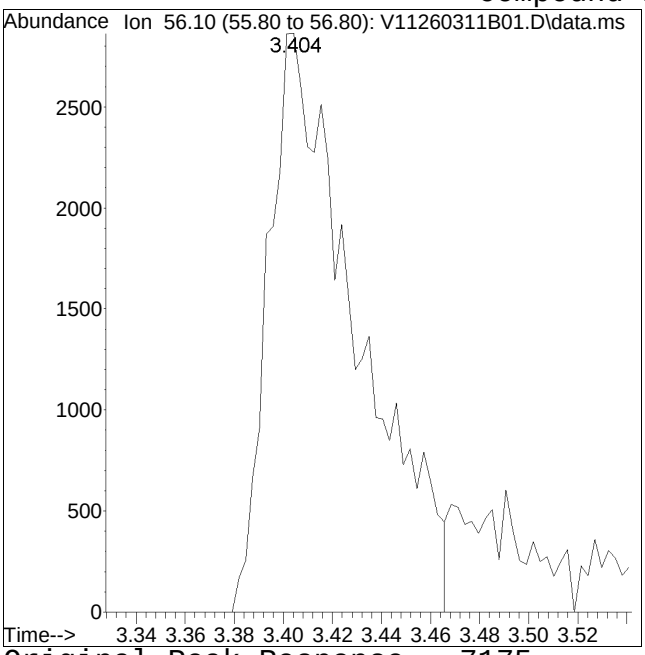
Ion	Ratio	Lower	Upper
180	100		
182	95.3	74.2	111.4
145	35.3	26.3	39.5



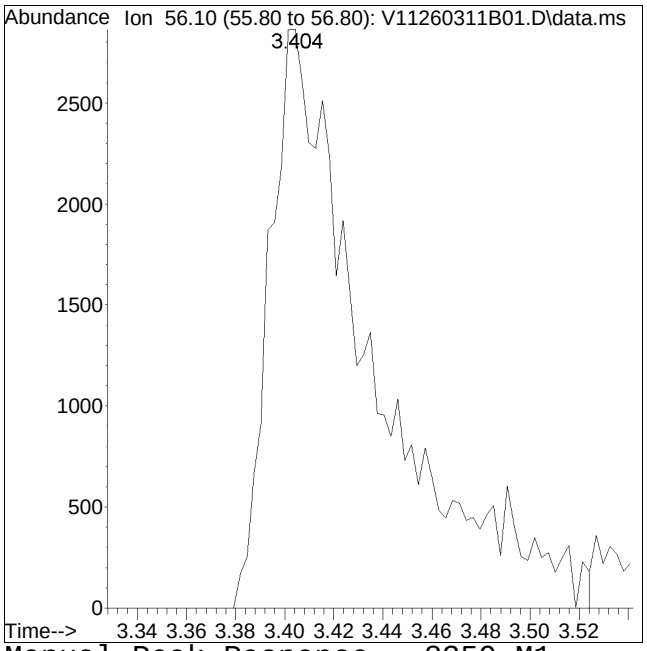
Manual Integration Report

Data Path : K:\VOA111\2026\260311B\ QMethod : V111_260121A_8260.m
Data File : V11260311B01.D Operator : VOA111:BAD
Date Inj'd : 3/11/2026 12:59 pm Instrument : VOA111
Sample : WG2183467-10,31H,15,15,0.1Quant Date : 3/11/2026 1:37 pm

Compound #14: Acrolein



Original Peak Response = 7175



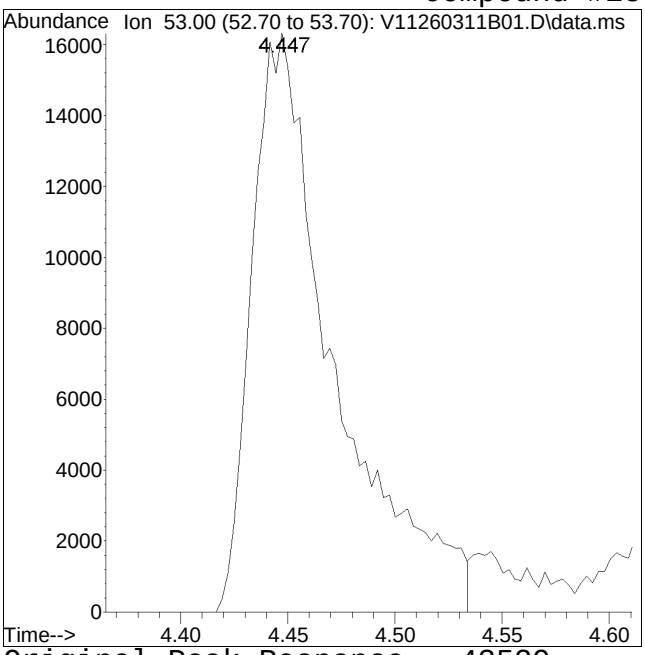
Manual Peak Response = 8359 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

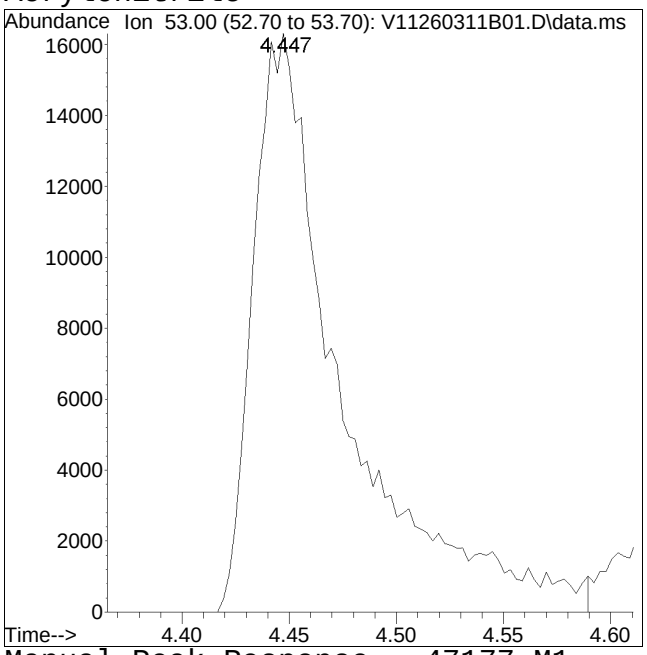
Manual Integration Report

Data Path : K:\VOA111\2026\260311B\ QMethod : V111_260121A_8260.m
Data File : V11260311B01.D Operator : VOA111:BAD
Date Inj'd : 3/11/2026 12:59 pm Instrument : VOA111
Sample : WG2183467-10,31H,15,15,0.1Quant Date : 3/11/2026 1:37 pm

Compound #25: Acrylonitrile



Original Peak Response = 43529



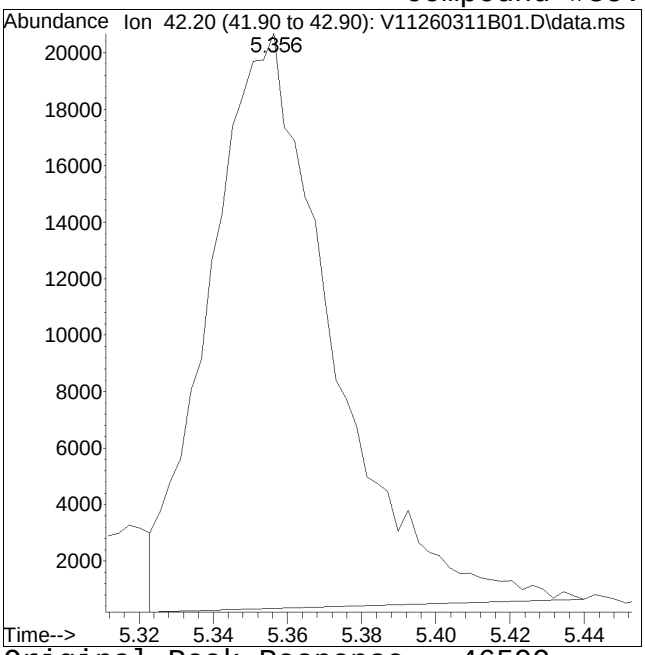
Manual Peak Response = 47177 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

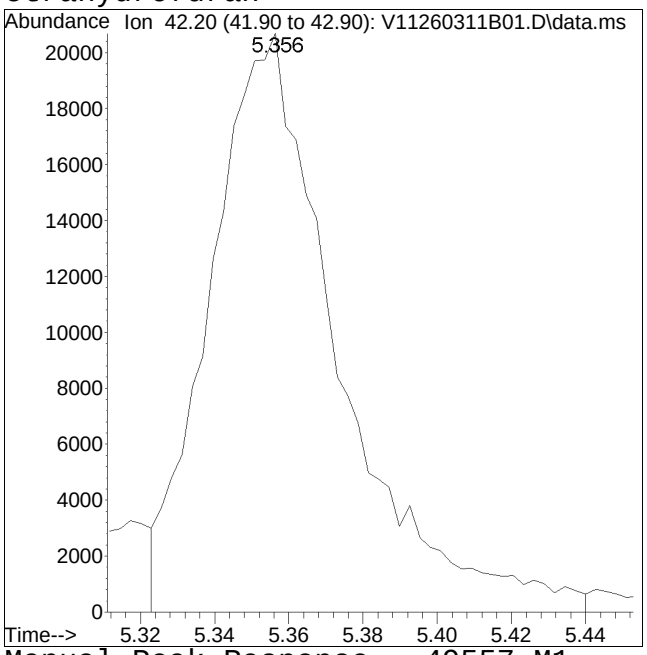
Manual Integration Report

Data Path : K:\VOA111\2026\260311B\ QMethod : V111_260121A_8260.m
Data File : V11260311B01.D Operator : VOA111:BAD
Date Inj'd : 3/11/2026 12:59 pm Instrument : VOA111
Sample : WG2183467-10,31H,15,15,0.1Quant Date : 3/11/2026 1:37 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 46599



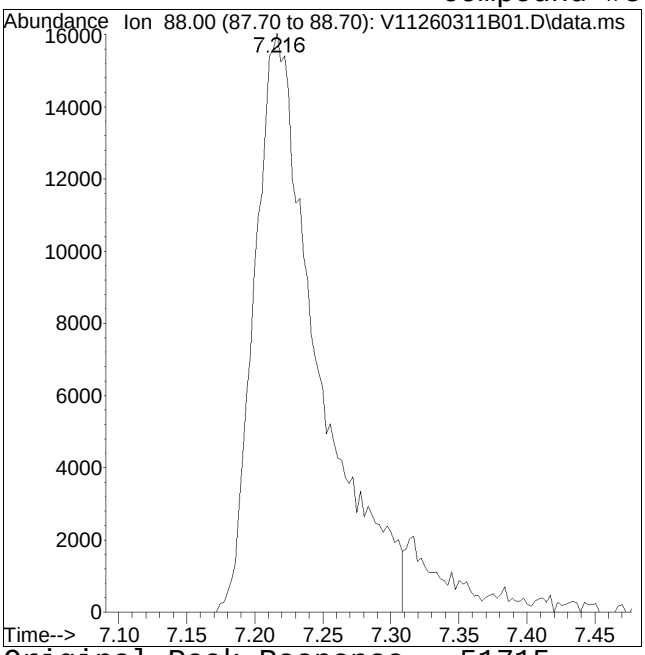
Manual Peak Response = 49557 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

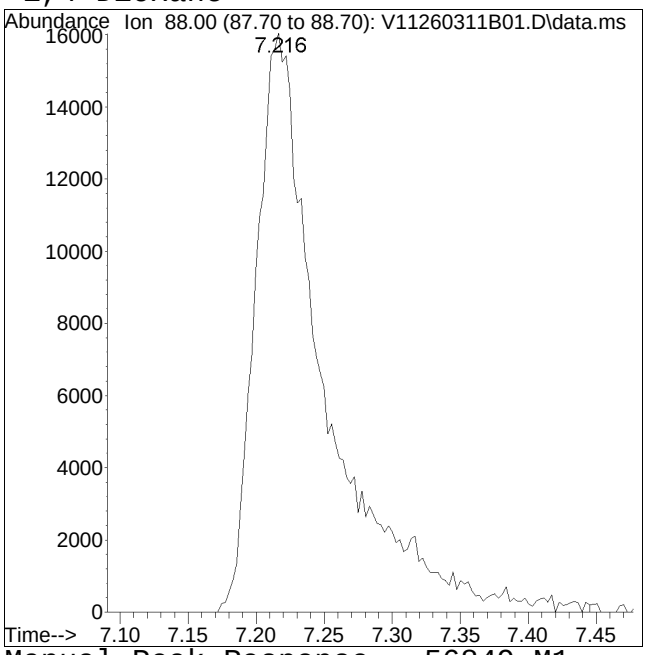
Manual Integration Report

Data Path : K:\VOA111\2026\260311B\ QMethod : V111_260121A_8260.m
Data File : V11260311B01.D Operator : VOA111:BAD
Date Inj'd : 3/11/2026 12:59 pm Instrument : VOA111
Sample : WG2183467-10,31H,15,15,0.1Quant Date : 3/11/2026 1:37 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 51715



Manual Peak Response = 56849 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A01.D
Acq On : 10 Mar 2026 1:16 pm
Operator : VOA110:AJK
Sample : WG2183801-3,31,5,5
Misc : WG2183801,ICAL23128
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 10 13:41:03 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260310A\V10260310A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.197	96	176818	20.000	ug/L	0.00
Standard Area 1 = 176818			Recovery = 100.00%			
59) Chlorobenzene-d5	9.746	117	133069	20.000	ug/L	0.00
Standard Area 1 = 133069			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.412	152	74532	20.000	ug/L	0.00
Standard Area 1 = 74532			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.374	113	42851	18.481	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.41%			
43) 1,2-Dichloroethane-d4	5.912	65	46872	19.036	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.18%			
60) Toluene-d8	7.892	98	170759	21.444	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.22%			
83) 4-Bromofluorobenzene	11.219	95	63983	19.656	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.735	85	78074	58.860	ug/L	98
3) Chloromethane	1.930	50	120726	43.289	ug/L	98
4) Vinyl chloride	2.011	62	102194	45.813	ug/L	98
5) Bromomethane	2.337	94	51669	40.469	ug/L	96
6) Chloroethane	2.460	64	65066	42.571	ug/L	97
7) Trichlorofluoromethane	2.605	101	109375	47.114	ug/L	100
8) Ethyl ether	2.909	74	48941	36.663	ug/L	85
10) 1,1-Dichloroethene	3.104	96	73476	41.001	ug/L	97
11) Carbon disulfide	3.135	76	251777	41.786	ug/L	100
15) Methylene chloride	3.664	84	80925	39.344	ug/L	89
17) Acetone	3.709	43	38835	36.892	ug/L #	27
18) trans-1,2-Dichloroethene	3.821	96	80017	36.062	ug/L	99
20) Methyl tert-butyl ether	3.918	73	239927	34.734	ug/L	93
23) 1,1-Dichloroethane	4.409	63	160765	38.149	ug/L	99
25) Acrylonitrile	4.462	53	37825	33.062	ug/L #	89
27) Vinyl acetate	4.643	43	275593	36.896	ug/L #	92
28) cis-1,2-Dichloroethene	4.933	96	90949	37.049	ug/L	91
29) 2,2-Dichloropropane	5.039	77	125265	40.062	ug/L	96
30) Bromochloromethane	5.126	128	43223	36.786	ug/L	89
32) Chloroform	5.198	83	137381	34.953	ug/L	98

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A01.D
Acq On : 10 Mar 2026 1:16 pm
Operator : VOA110:AJK
Sample : WG2183801-3,31,5,5
Misc : WG2183801,ICAL23128
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 10 13:41:03 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260310A\V10260310A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	5.340	117	110645	43.411	ug/L		98
37) 1,1,1-Trichloroethane	5.407	97	119454	37.072	ug/L		99
39) 2-Butanone	5.502	43	50944	32.812	ug/L	#	8
40) 1,1-Dichloropropene	5.527	75	111584	43.102	ug/L		96
41) Benzene	5.773	78	326659	38.309	ug/L		95
44) 1,2-Dichloroethane	5.979	62	107080	36.248	ug/L		100
48) Trichloroethene	6.375	95	84503	40.493	ug/L		93
50) Dibromomethane	6.816	93	47219	35.199	ug/L	#	85
51) 1,2-Dichloropropane	6.922	63	91403	36.915	ug/L		96
54) Bromodichloromethane	6.989	83	108609	37.629	ug/L		98
57) 1,4-Dioxane	7.206	88	47624M1	1670.334	ug/L		
58) cis-1,3-Dichloropropene	7.683	75	138648	37.517	ug/L		96
61) Toluene	7.951	92	204181	41.531	ug/L		99
62) 4-Methyl-2-pentanone	8.383	58	38268	38.191	ug/L		87
63) Tetrachloroethene	8.405	166	87903	46.044	ug/L		96
65) trans-1,3-Dichloropropene	8.433	75	123101	41.237	ug/L		99
68) 1,1,2-Trichloroethane	8.620	83	58791	36.733	ug/L		98
69) Chlorodibromomethane	8.832	129	86440	40.006	ug/L		96
70) 1,3-Dichloropropane	8.946	76	124801	40.084	ug/L		100
71) 1,2-Dibromoethane	9.119	107	73759	41.932	ug/L		98
72) 2-Hexanone	9.395	43	77043	36.628	ug/L		95
73) Chlorobenzene	9.769	112	233678	40.847	ug/L		90
74) Ethylbenzene	9.802	91	391713	42.293	ug/L		97
75) 1,1,1,2-Tetrachloroethane	9.847	131	86578	42.440	ug/L		98
76) p/m Xylene	9.986	106	314474	82.461	ug/L		94
77) o Xylene	10.522	106	304885	81.459	ug/L		94
78) Styrene	10.586	104	518751	80.659	ug/L		95
80) Bromoform	10.611	173	57178	38.893	ug/L		98
82) Isopropylbenzene	10.895	105	399244	43.311	ug/L		97
84) Bromobenzene	11.328	156	103136	41.978	ug/L		99
85) n-Propylbenzene	11.367	91	483856	44.941	ug/L		97
87) 1,1,2,2-Tetrachloroethane	11.450	83	104101	36.373	ug/L		96
88) 4-Ethyltoluene	11.489	105	409629	44.217	ug/L		98
89) 2-Chlorotoluene	11.537	91	273585	41.622	ug/L		91
90) 1,3,5-Trimethylbenzene	11.584	105	342050	43.187	ug/L		96
91) 1,2,3-Trichloropropane	11.593	75	80118	37.923	ug/L		98
92) trans-1,4-Dichloro-2-b...	11.640	53	36527	37.889	ug/L		94
93) 4-Chlorotoluene	11.718	91	290667	42.442	ug/L		92
94) tert-Butylbenzene	11.922	119	316191	44.693	ug/L		97

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A01.D
Acq On : 10 Mar 2026 1:16 pm
Operator : VOA110:AJK
Sample : WG2183801-3,31,5,5
Misc : WG2183801,ICAL23128
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 10 13:41:03 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260310A\V10260310A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.000	105	340258	42.870	ug/L	95
98) sec-Butylbenzene	12.108	105	455093	45.325	ug/L	95
99) p-Isopropyltoluene	12.262	119	418568	44.944	ug/L	96
100) 1,3-Dichlorobenzene	12.337	146	204680	42.493	ug/L	98
101) 1,4-Dichlorobenzene	12.429	146	209241	42.367	ug/L	98
102) p-Diethylbenzene	12.630	119	255432	44.743	ug/L	94
103) n-Butylbenzene	12.691	91	364677	45.593	ug/L	97
104) 1,2-Dichlorobenzene	12.850	146	192598	41.700	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.422	119	393704	43.342	ug/L	94
106) 1,2-Dibromo-3-chloropr...	13.623	155	20721	37.839	ug/L	100
108) Hexachlorobutadiene	14.225	225	69262	46.748	ug/L	99
109) 1,2,4-Trichlorobenzene	14.253	180	139507	42.870	ug/L	97
110) Naphthalene	14.543	128	371647	39.445	ug/L	100
111) 1,2,3-Trichlorobenzene	14.713	180	128273	41.348	ug/L	98

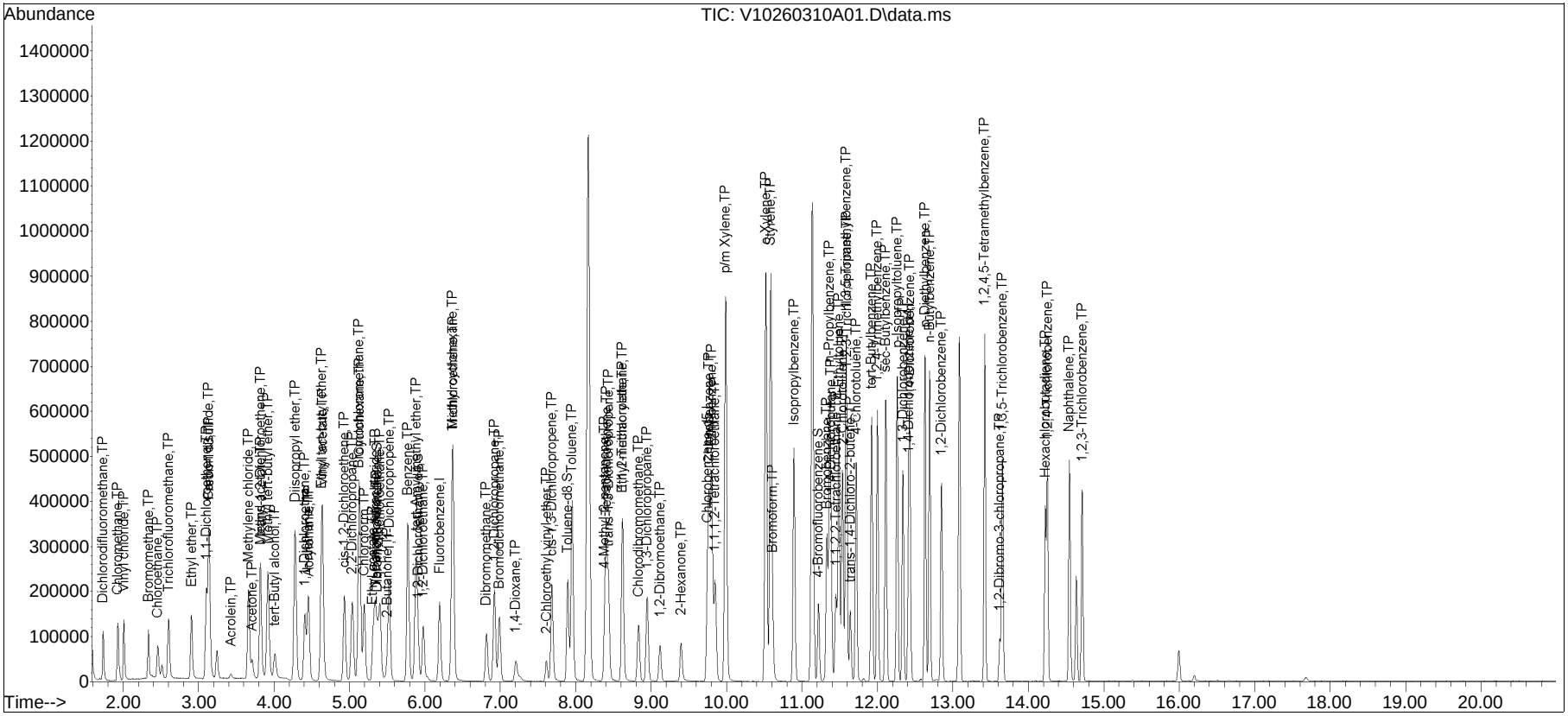
(#) = qualifier out of range (m) = manual integration (+) = signals summed

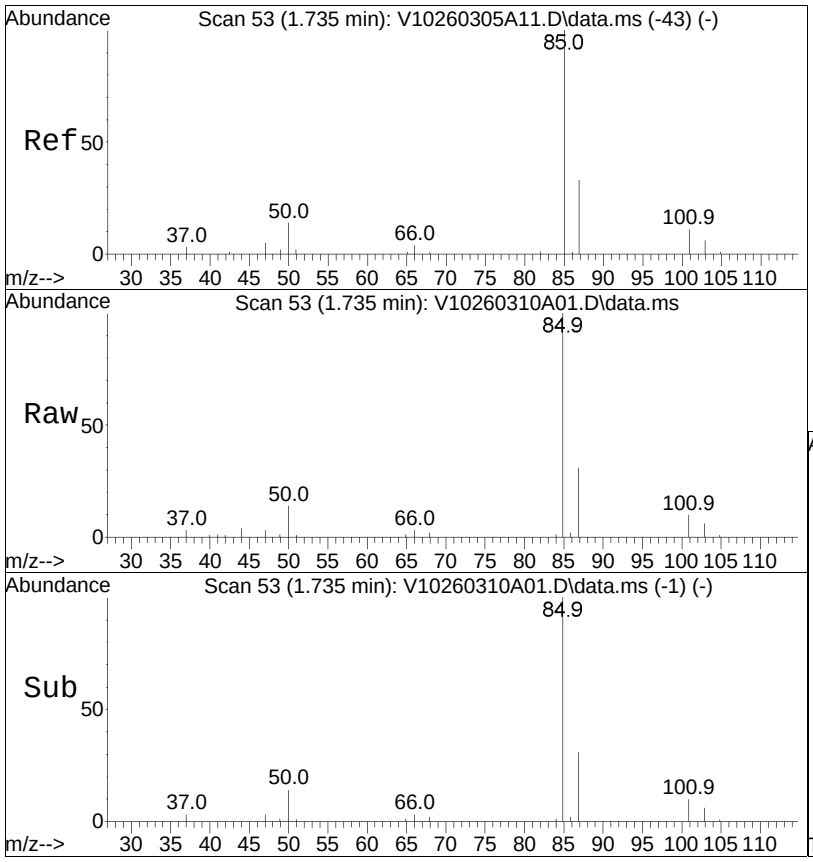
Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A01.D
Acq On : 10 Mar 2026 1:16 pm
Operator : VOA110:AJK
Sample : WG2183801-3,31,5,5
Misc : WG2183801,ICAL23128
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 10 13:41:03 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox10A01.D•

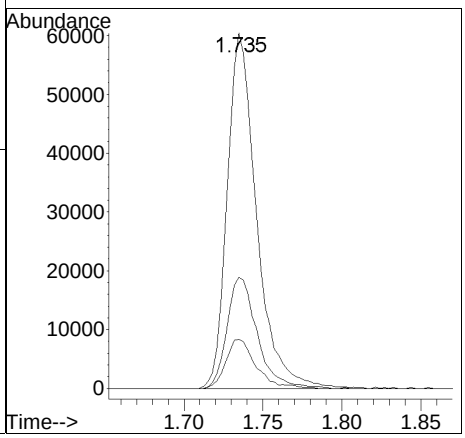


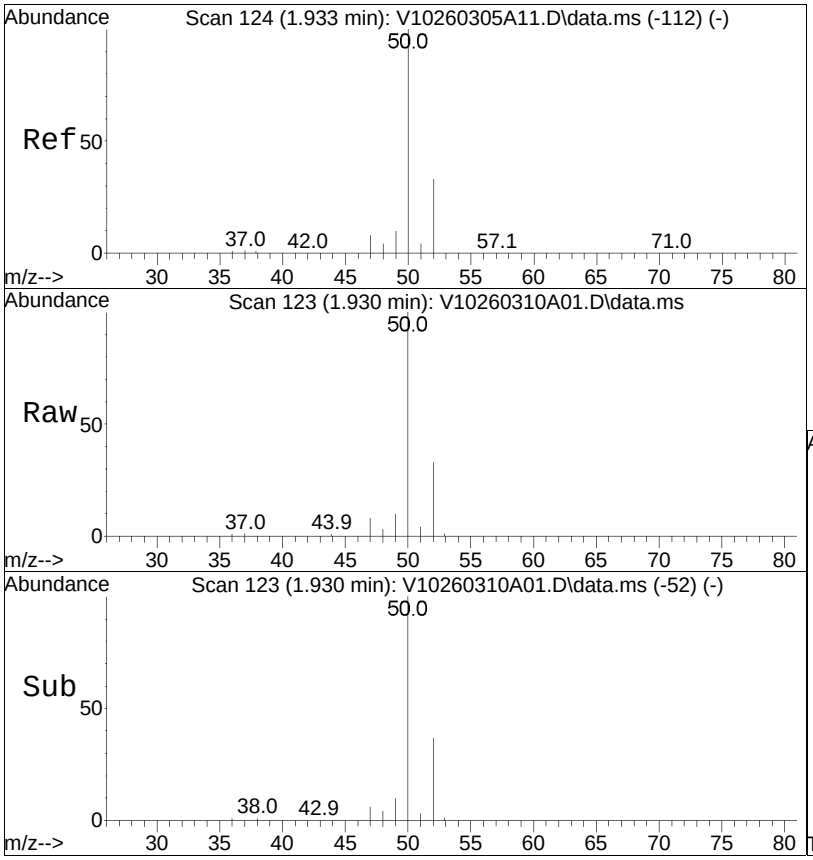


#2
Dichlorodifluoromethane
Concen: 58.86 ug/L
RT: 1.735 min Scan# 53
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 85 Resp: 78074

Ion	Ratio	Lower	Upper
85	100		
87	32.2	20.3	42.1
50	14.2	8.5	17.6

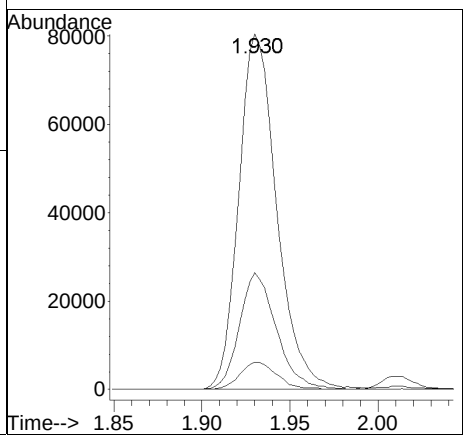


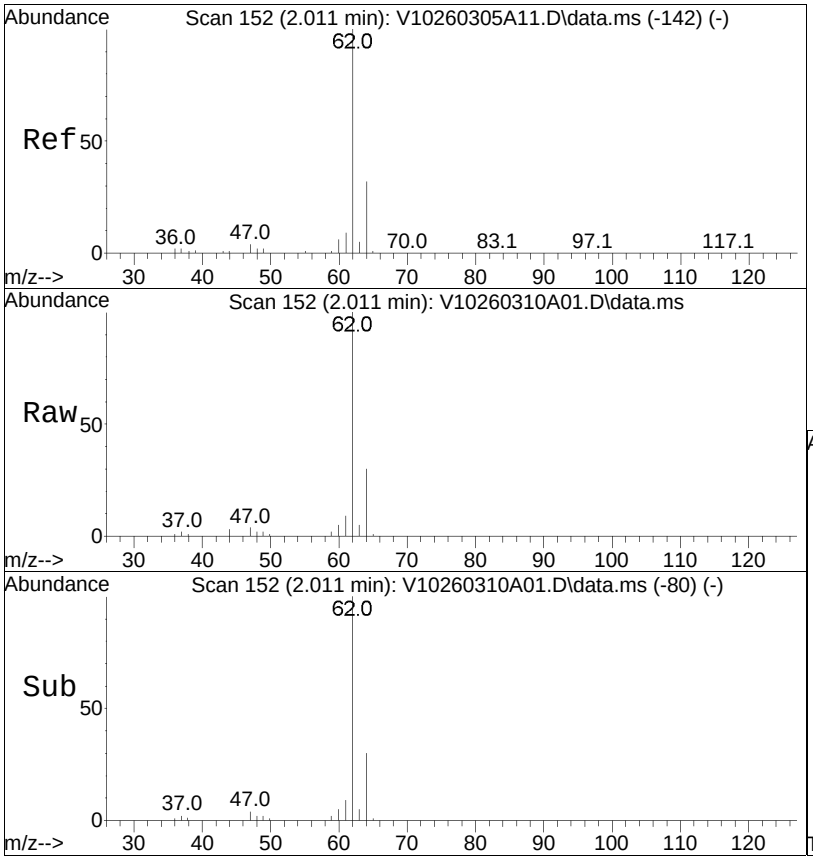


#3
Chloromethane
Concen: 43.29 ug/L
RT: 1.930 min Scan# 123
Delta R.T. -0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 50 Resp: 120726

Ion	Ratio	Lower	Upper
50	100		
52	31.8	13.2	53.2
47	7.5	0.0	28.3

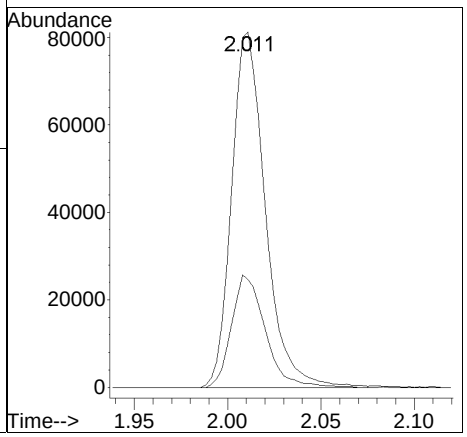


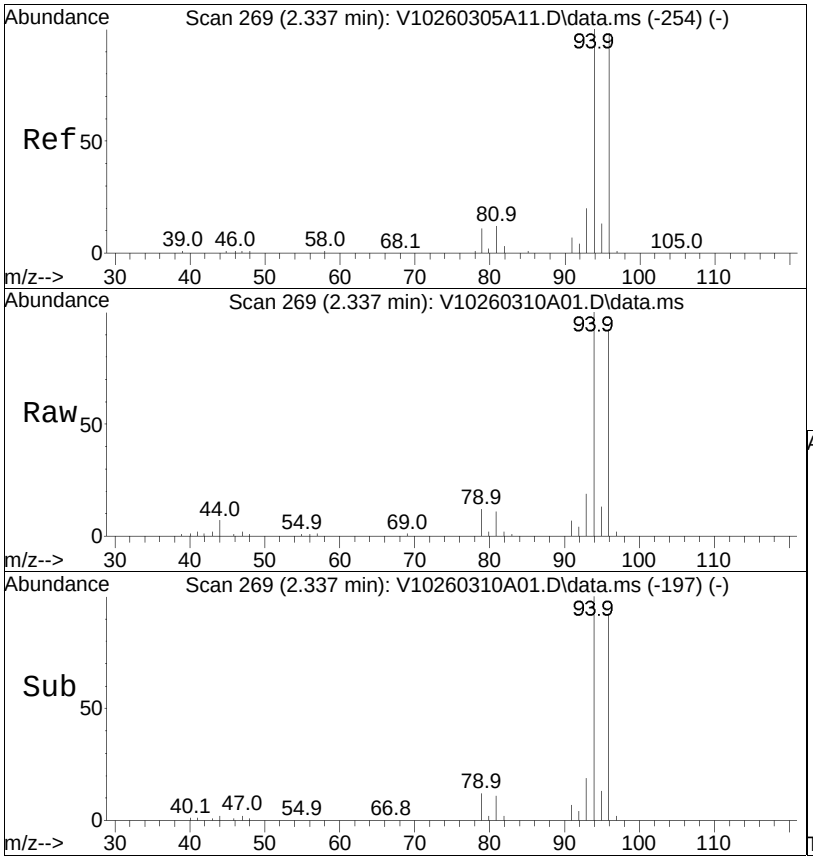


#4
Vinyl chloride
Concen: 45.81 ug/L
RT: 2.011 min Scan# 152
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 62 Resp: 102194

Ion	Ratio	Lower	Upper
62	100		
64	31.5	10.5	50.5

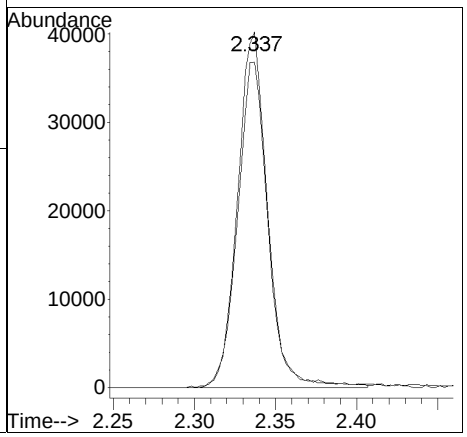


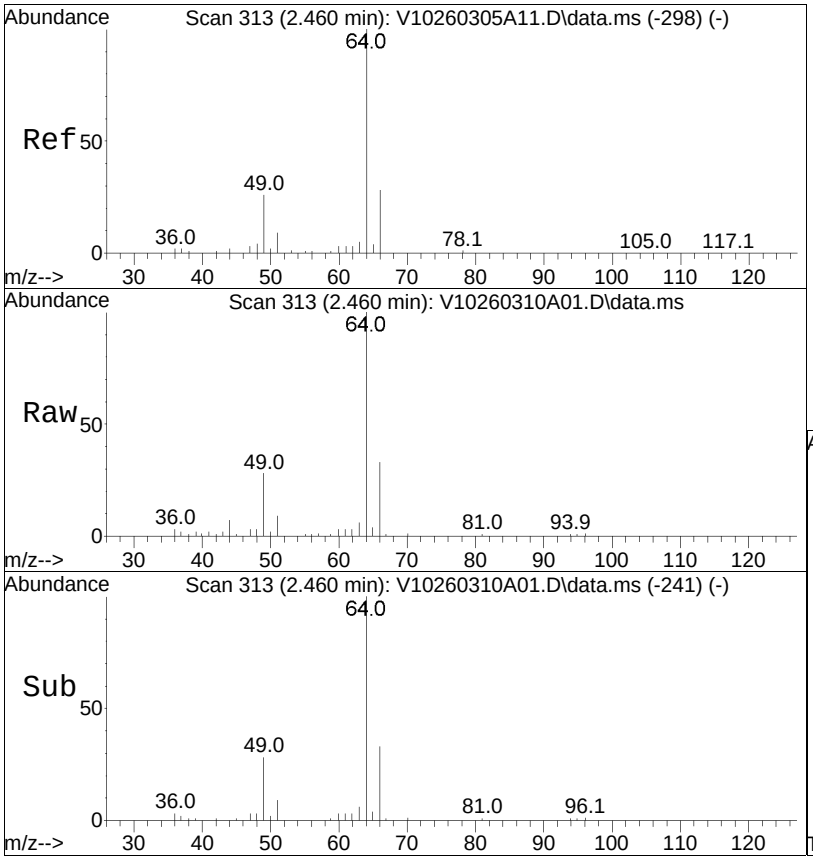


#5
Bromomethane
Concen: 40.47 ug/L
RT: 2.337 min Scan# 269
Delta R.T. 0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 94 Resp: 51669

Ion	Ratio	Lower	Upper
94	100		
96	91.3	67.4	107.4

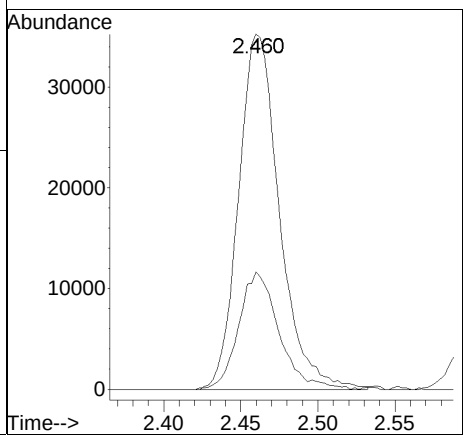


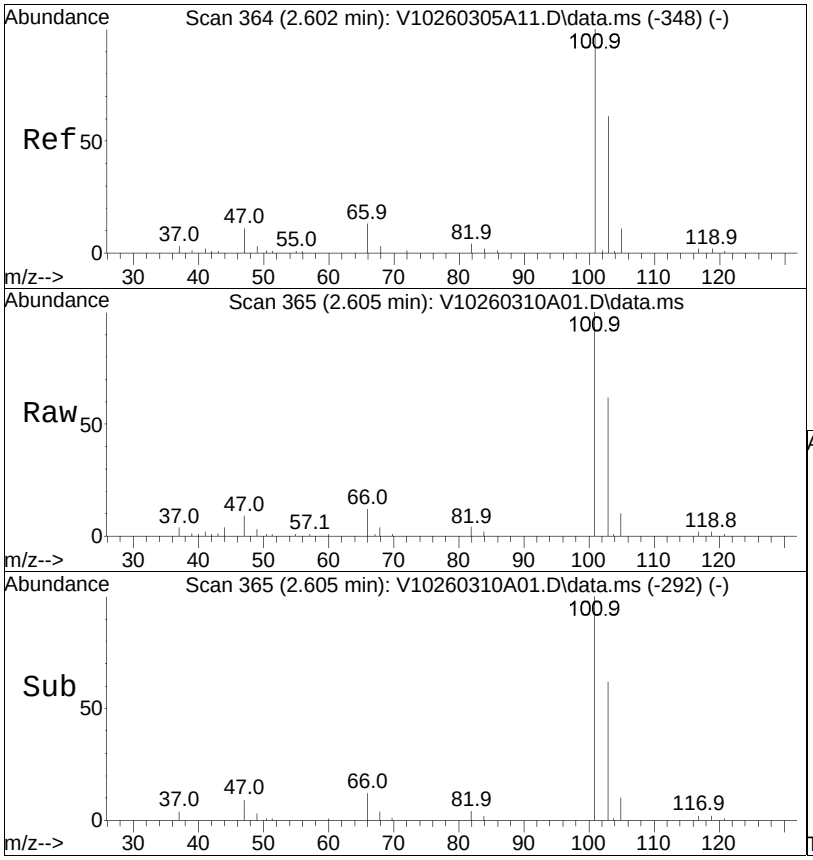


#6
Chloroethane
Concen: 42.57 ug/L
RT: 2.460 min Scan# 313
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 64 Resp: 65066

Ion	Ratio	Lower	Upper
64	100		
66	32.7	14.1	54.1

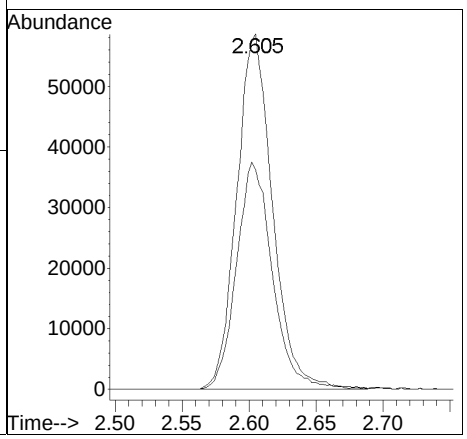


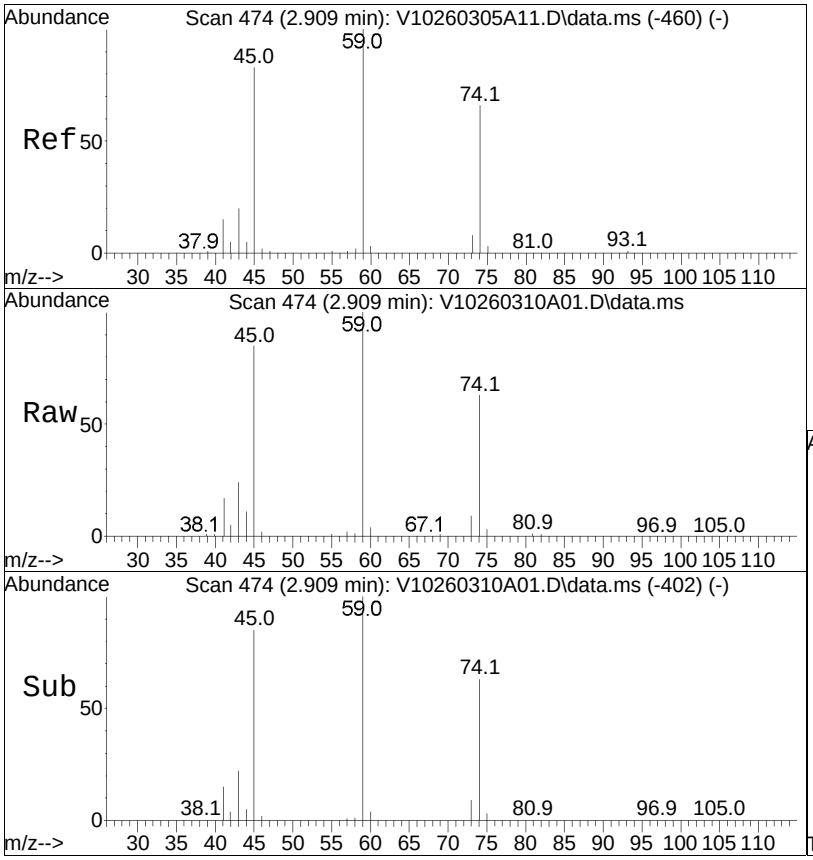


#7
Trichlorofluoromethane
Concen: 47.11 ug/L
RT: 2.605 min Scan# 365
Delta R.T. 0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:101 Resp: 109375

Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.1	76.7

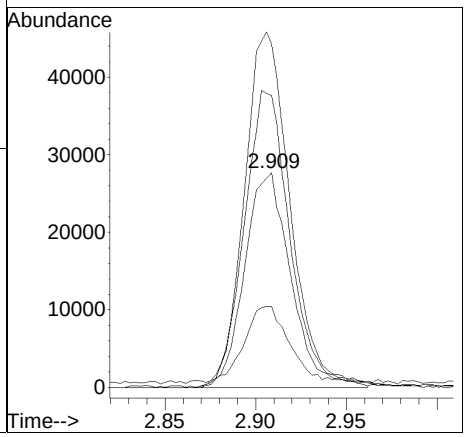


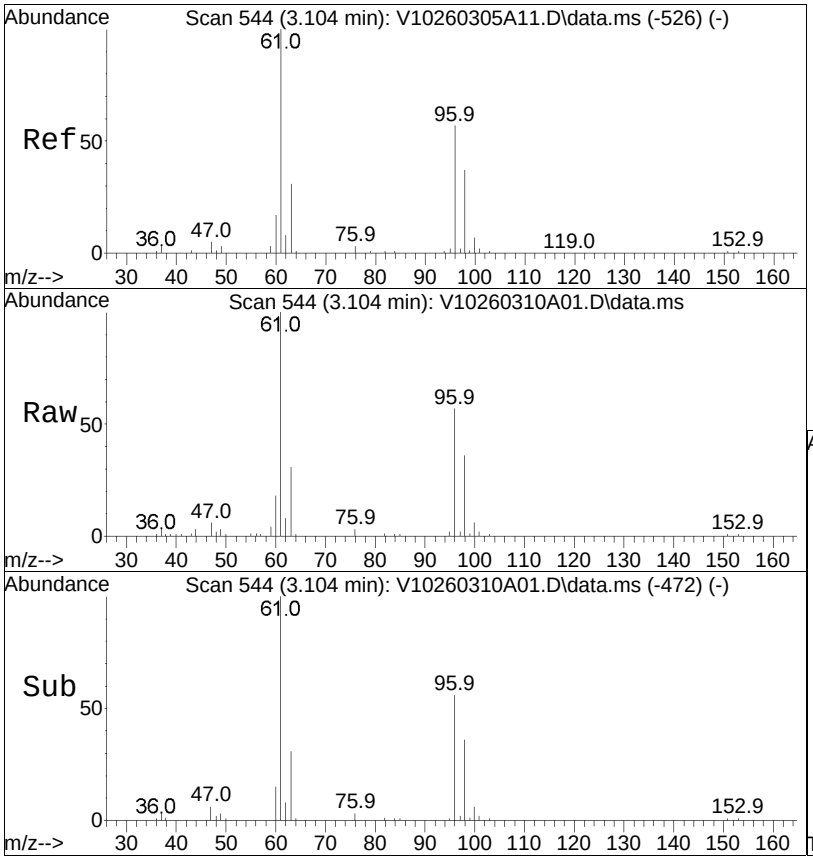


#8
Ethyl ether
Concen: 36.66 ug/L
RT: 2.909 min Scan# 474
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 74 Resp: 48941

Ion	Ratio	Lower	Upper
74	100		
59	165.8	97.8	203.0
45	138.0	73.4	152.4
43	35.7	23.5	48.7

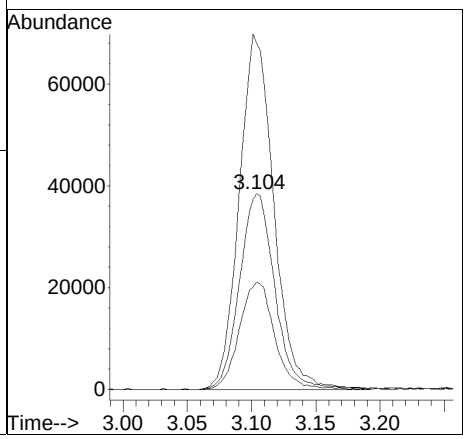


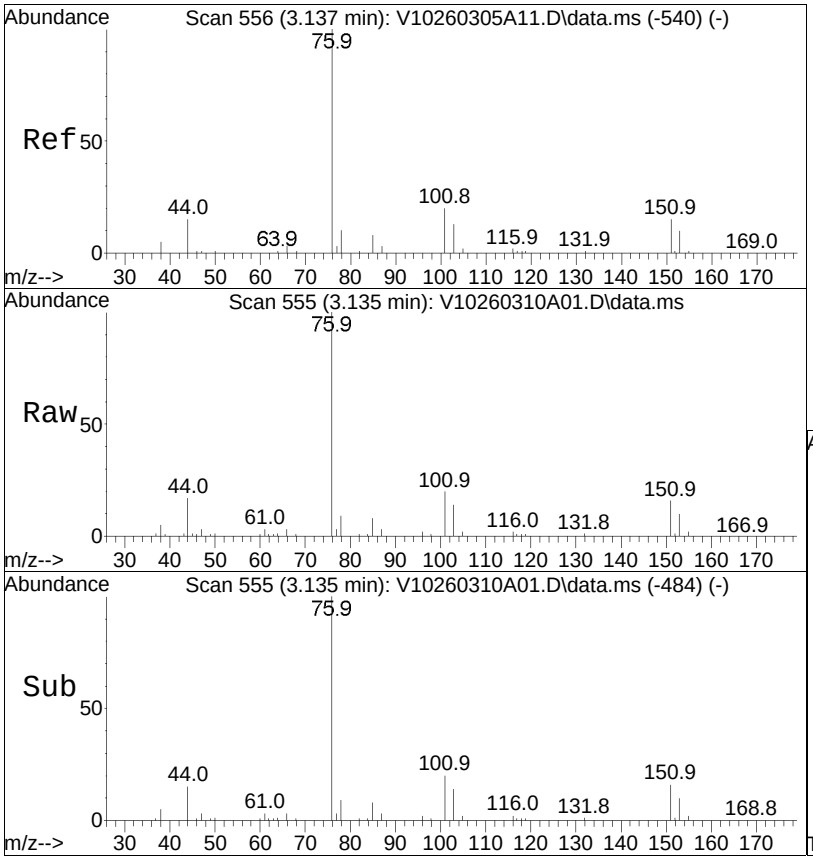


#10
1,1-Dichloroethene
Concen: 41.00 ug/L
RT: 3.104 min Scan# 544
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 96 Resp: 73476

Ion	Ratio	Lower	Upper
96	100		
61	177.7	145.0	217.4
63	54.4	46.8	70.2

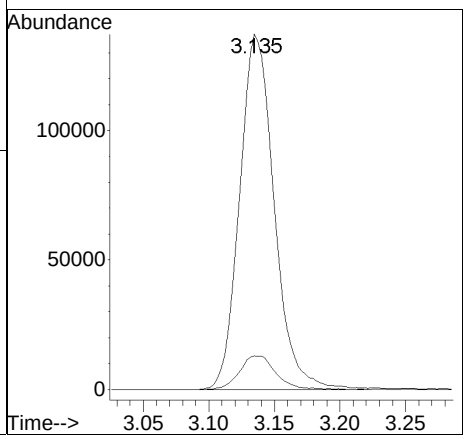


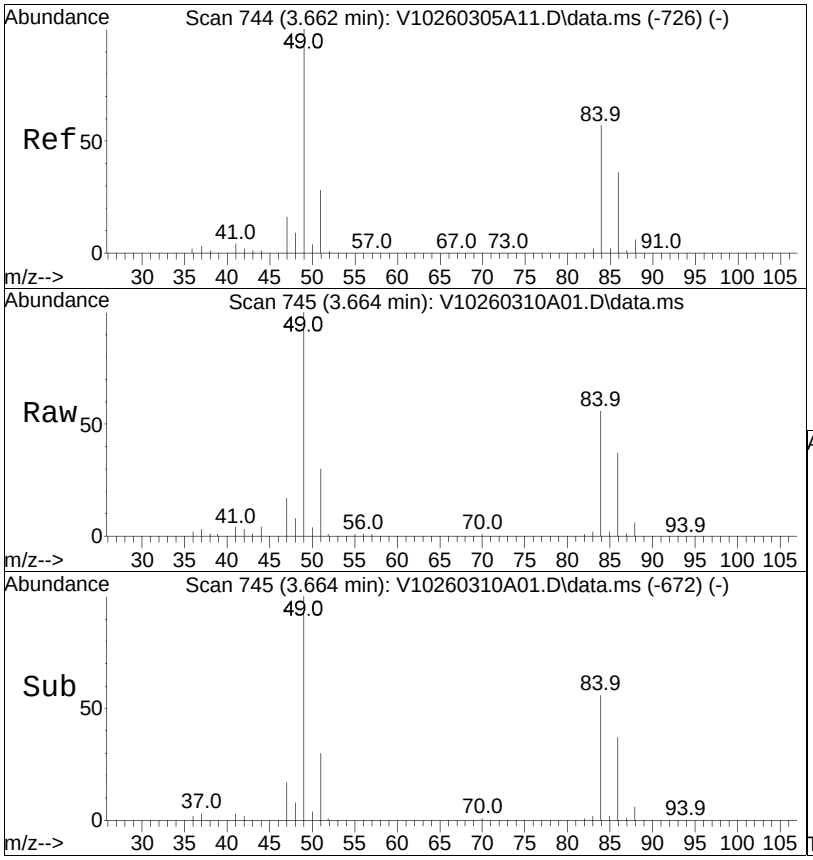


#11
Carbon disulfide
Concen: 41.79 ug/L
RT: 3.135 min Scan# 555
Delta R.T. -0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 76 Resp: 251777

Ion	Ratio	Lower	Upper
76	100		
78	9.9	6.4	13.2

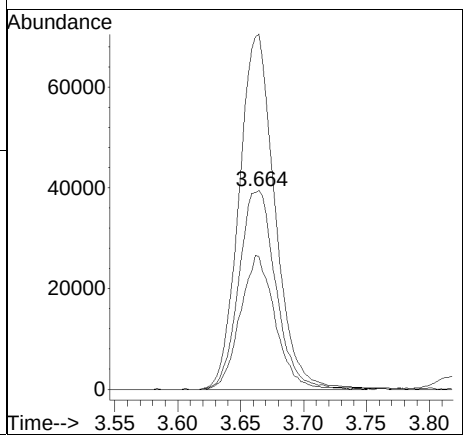


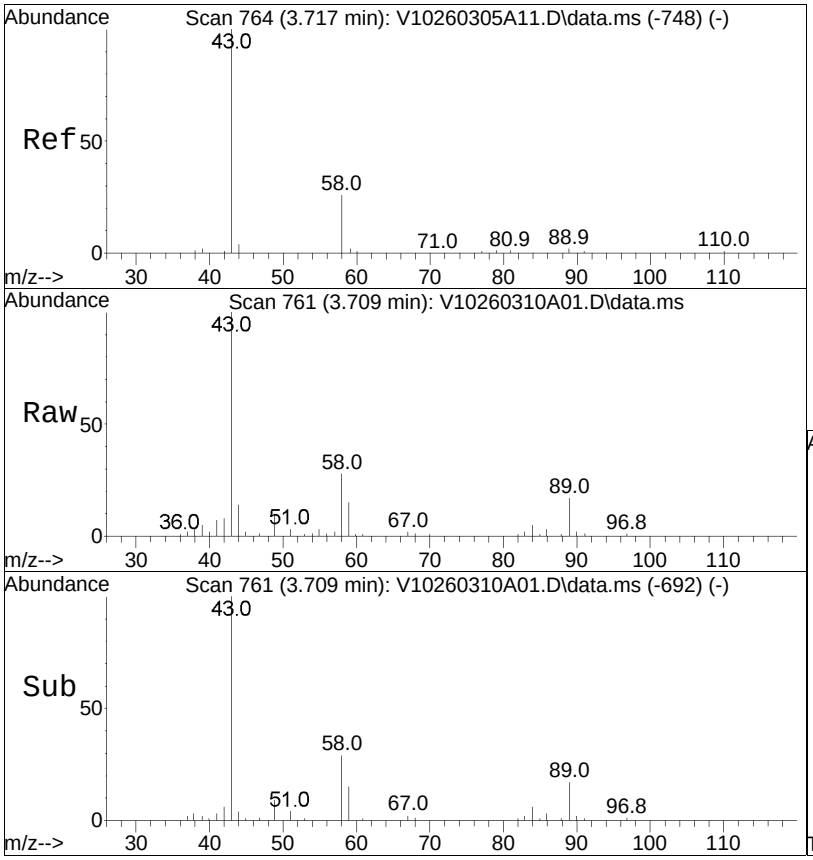


#15
Methylene chloride
Concen: 39.34 ug/L
RT: 3.664 min Scan# 745
Delta R.T. 0.002 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 84 Resp: 80925

Ion	Ratio	Lower	Upper
84	100		
86	63.9	41.5	86.3
49	173.2	99.3	206.1

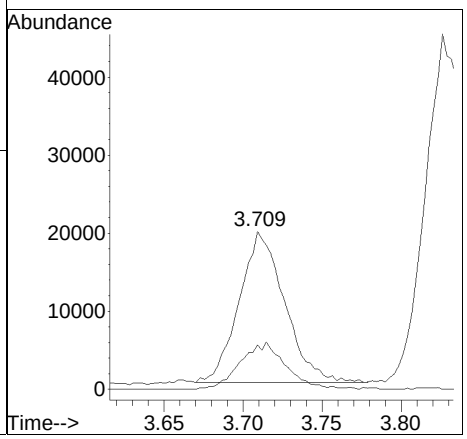


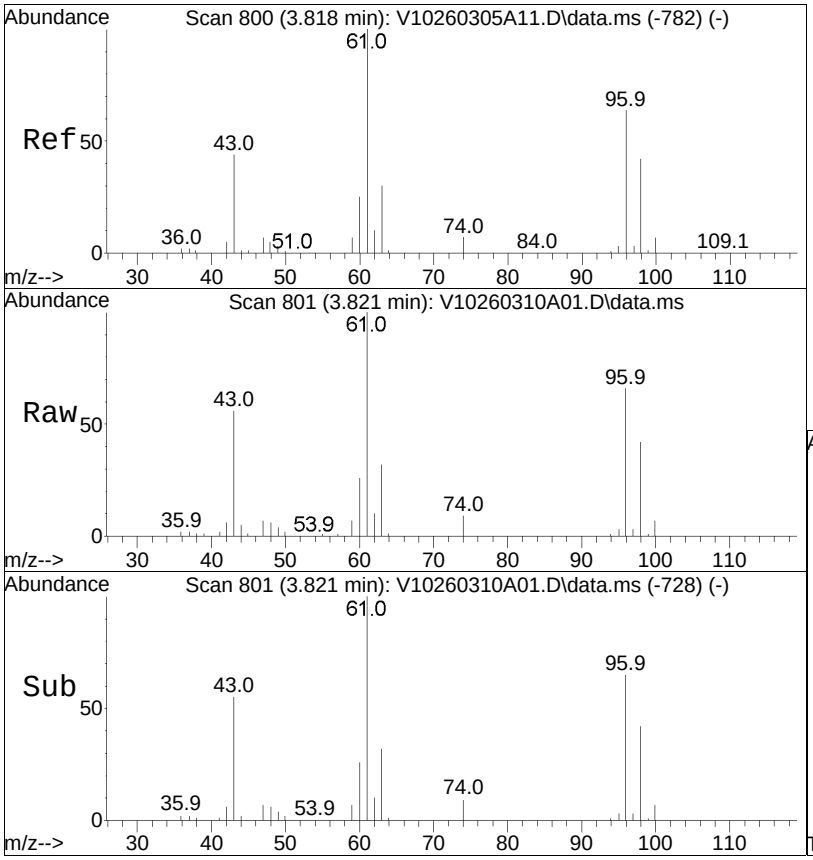


#17
Acetone
Concen: 36.89 ug/L
RT: 3.709 min Scan# 761
Delta R.T. -0.008 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 43 Resp: 38835

Ion	Ratio	Lower	Upper
43	100		
58	31.2	5.0	7.6#

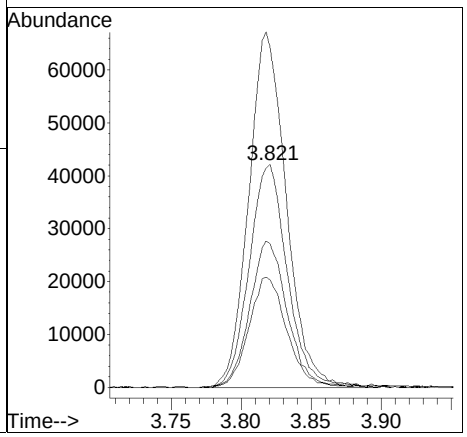


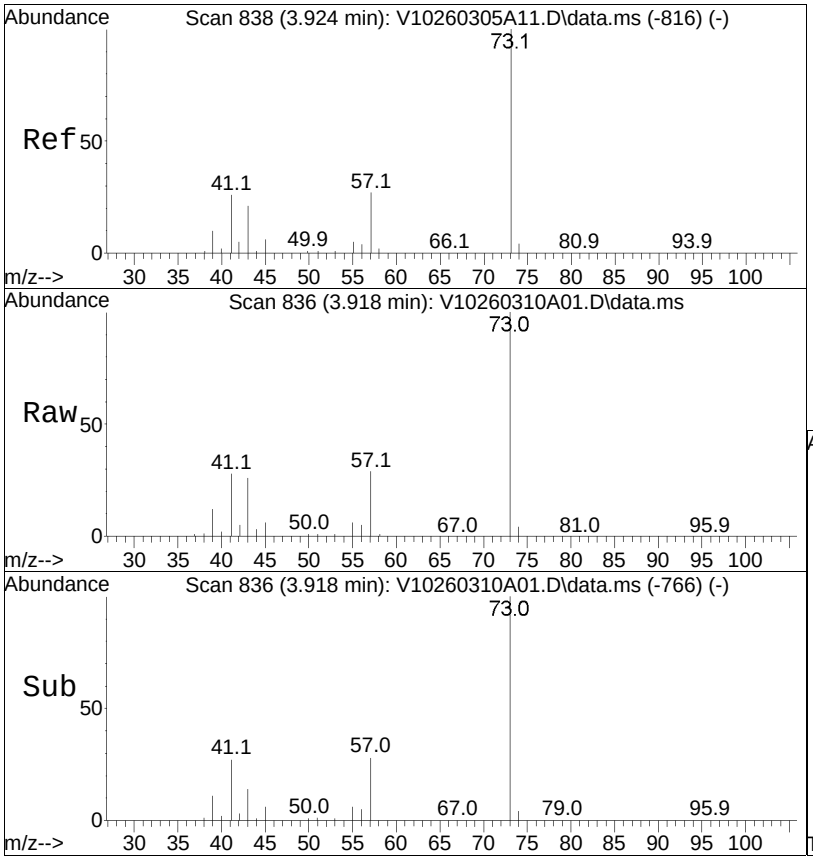


#18
trans-1,2-Dichloroethene
Concen: 36.06 ug/L
RT: 3.821 min Scan# 801
Delta R.T. 0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 96 Resp: 80017

Ion	Ratio	Lower	Upper
96	100		
61	156.7	102.0	211.8
98	64.1	40.9	84.9
63	49.0	32.8	68.2

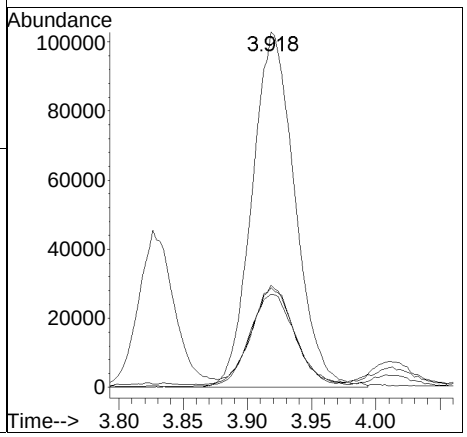


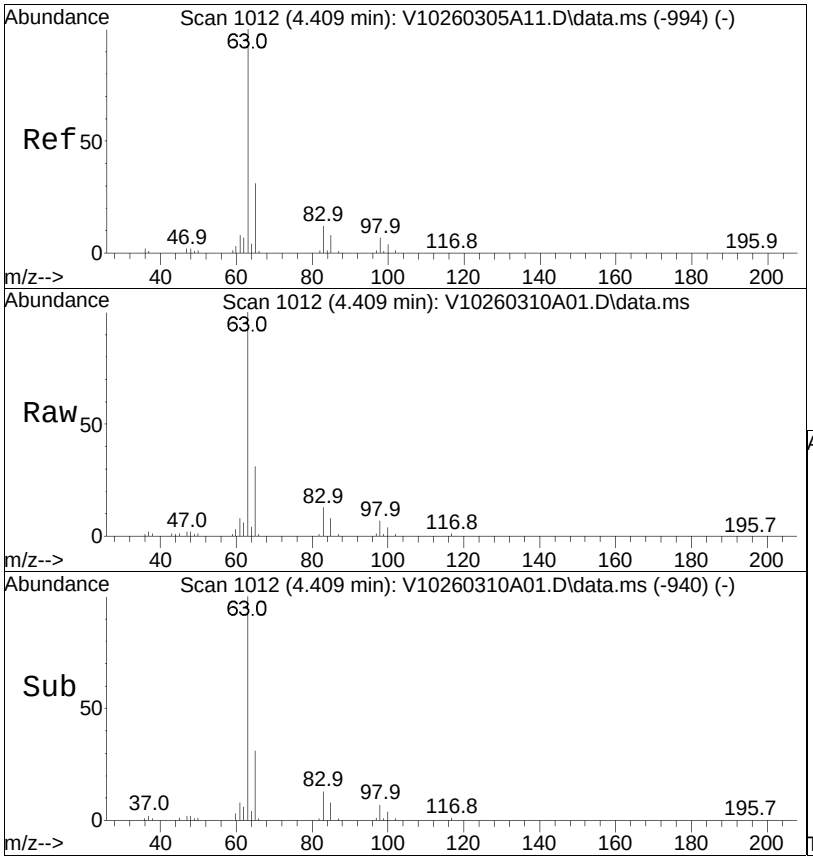


#20
Methyl tert-butyl ether
Concen: 34.73 ug/L
RT: 3.918 min Scan# 836
Delta R.T. -0.006 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 73 Resp: 239927

Ion	Ratio	Lower	Upper
73	100		
57	28.5	15.9	32.9
43	26.1	15.7	32.5
41	27.7	14.8	30.8

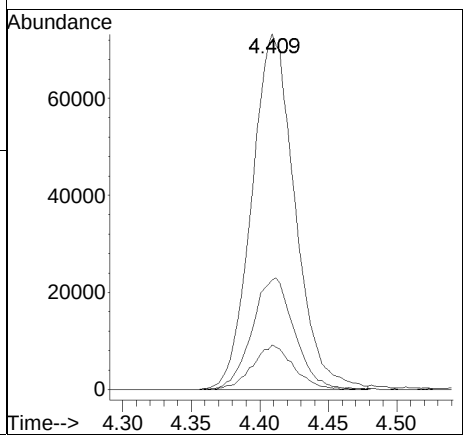


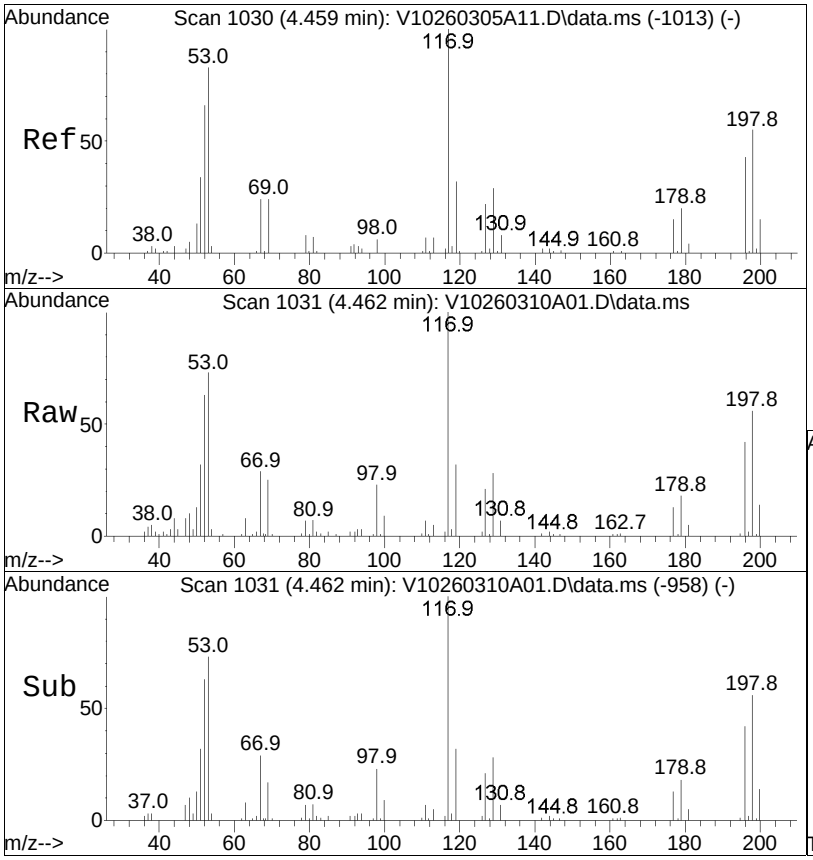


#23
1,1-Dichloroethane
Concen: 38.15 ug/L
RT: 4.409 min Scan# 1012
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 63 Resp: 160765

Ion	Ratio	Lower	Upper
63	100		
65	30.6	11.0	51.0
83	11.8	0.0	32.5

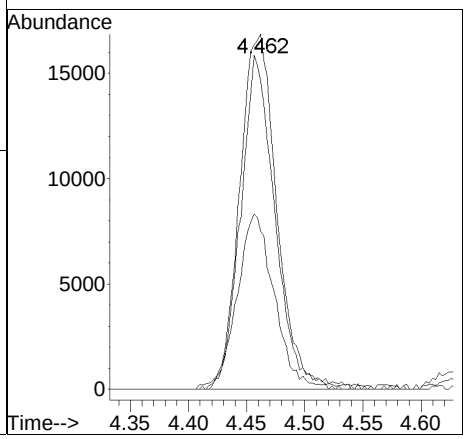


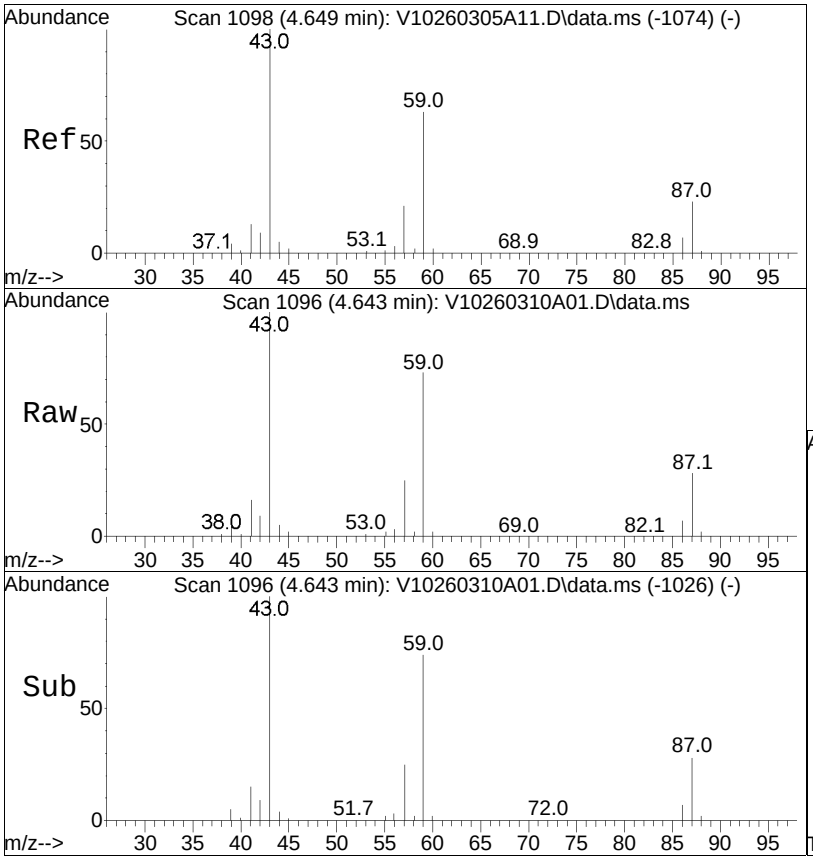


#25
Acrylonitrile
Concen: 33.06 ug/L
RT: 4.462 min Scan# 1031
Delta R.T. 0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 53 Resp: 37825

Ion	Ratio	Lower	Upper
53	100		
52	85.7	64.2	96.4
51	49.4	29.8	44.6#

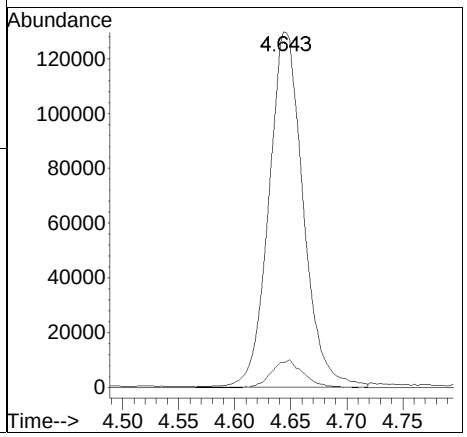


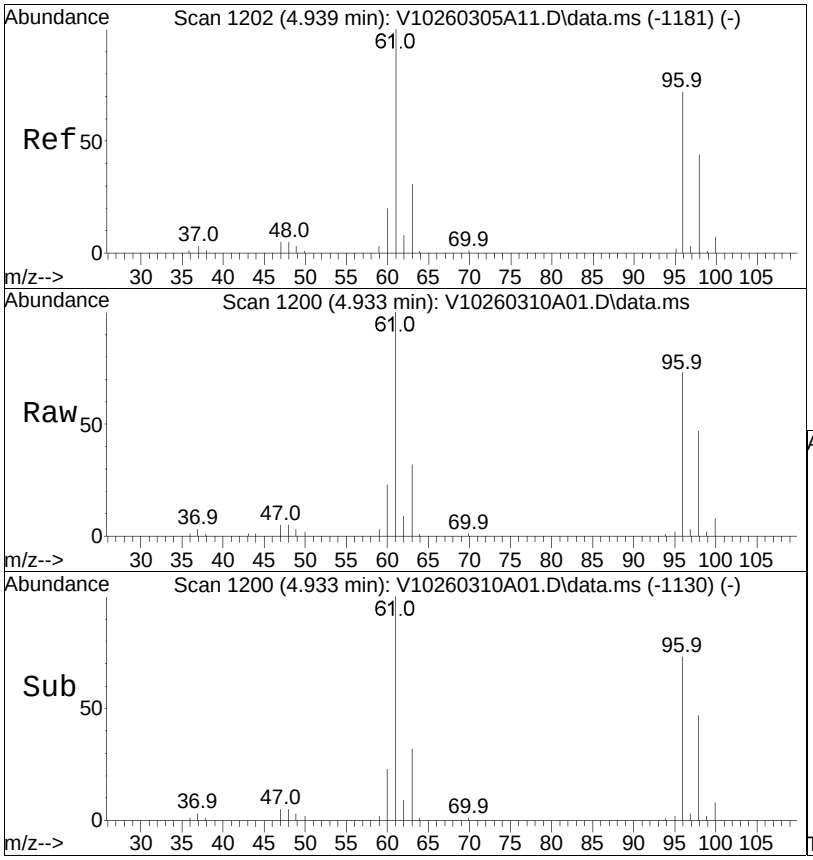


#27
Vinyl acetate
Concen: 36.90 ug/L
RT: 4.643 min Scan# 1096
Delta R.T. -0.006 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 43 Resp: 275593

Ion	Ratio	Lower	Upper
43	100		
86	7.1	7.9	11.9#

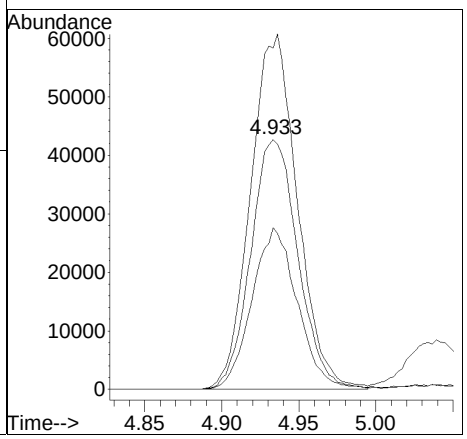


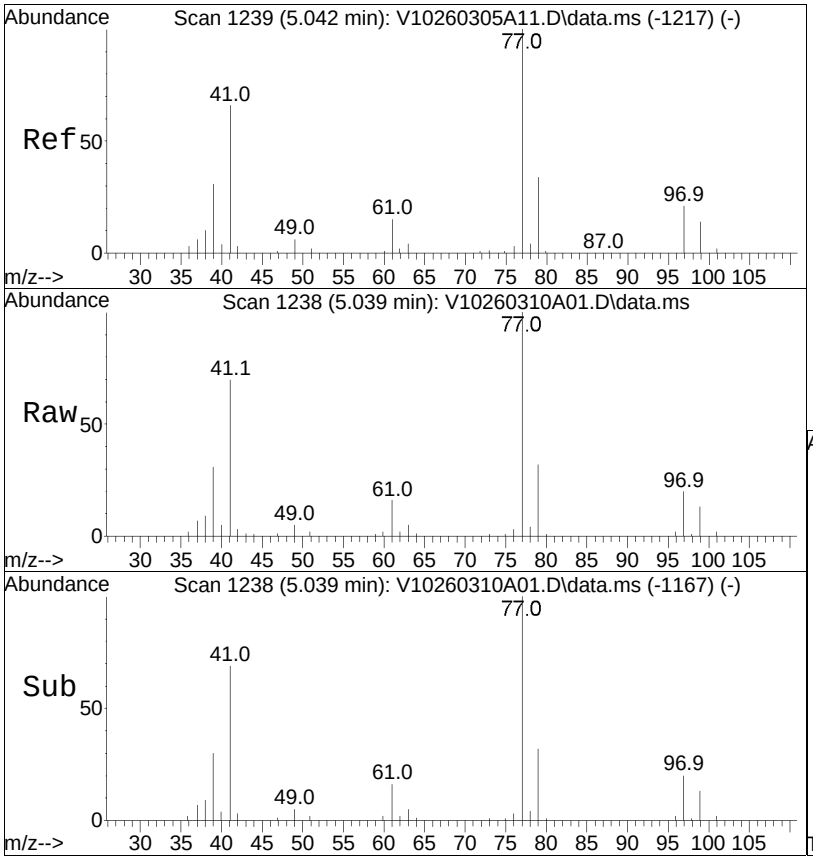


#28
cis-1,2-Dichloroethene
Concen: 37.05 ug/L
RT: 4.933 min Scan# 1200
Delta R.T. -0.006 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 96 Resp: 90949

Ion	Ratio	Lower	Upper
96	100		
61	141.2	101.0	151.4
98	62.4	50.7	76.1

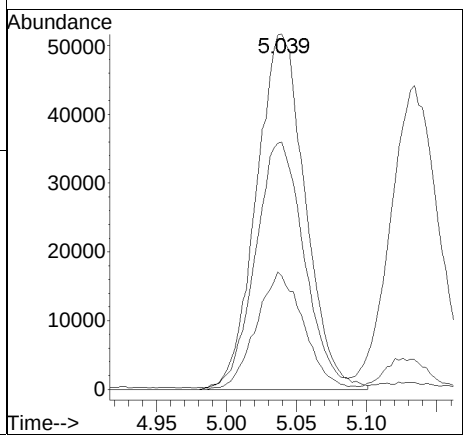


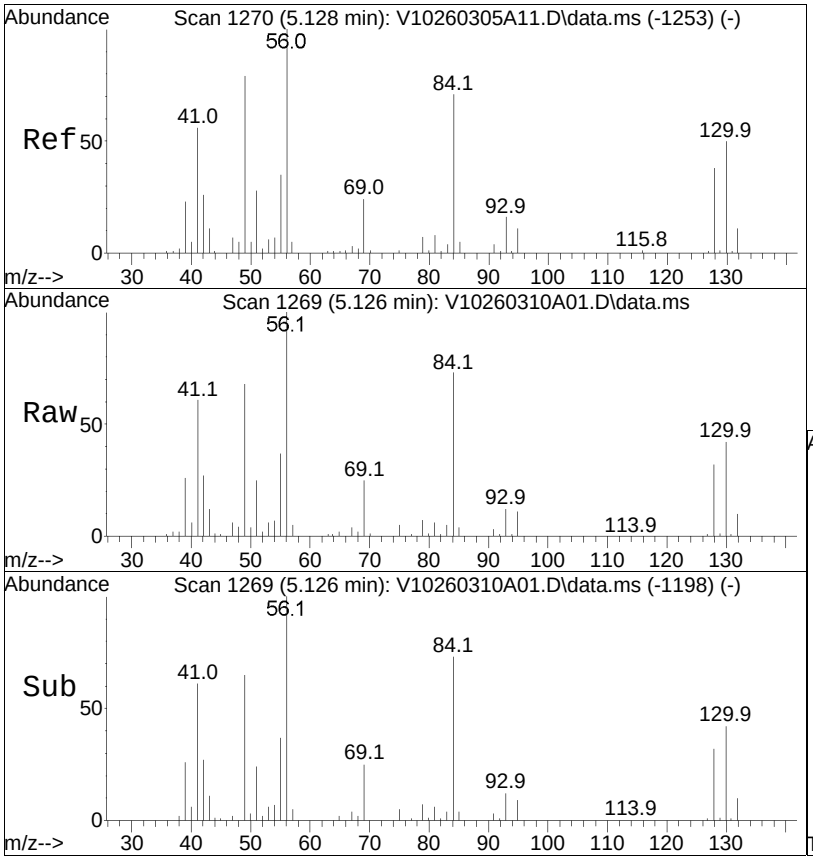


#29
2,2-Dichloropropane
Concen: 40.06 ug/L
RT: 5.039 min Scan# 1238
Delta R.T. -0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 77 Resp: 125265

Ion	Ratio	Lower	Upper
77	100		
41	68.7	42.1	87.5
79	32.2	21.1	43.9

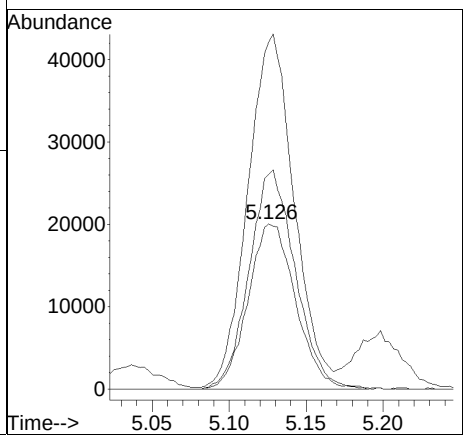


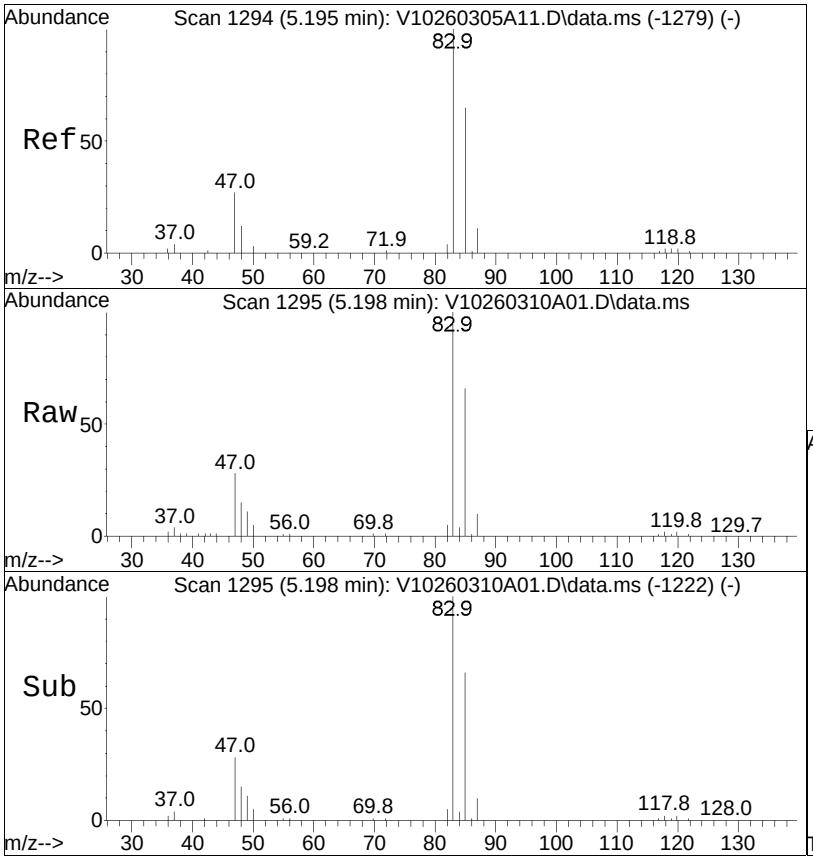


#30
Bromochloromethane
Concen: 36.79 ug/L
RT: 5.126 min Scan# 1269
Delta R.T. -0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:128 Resp: 43223

Ion	Ratio	Lower	Upper
128	100		
49	207.3	145.7	218.5
130	128.8	101.9	152.9

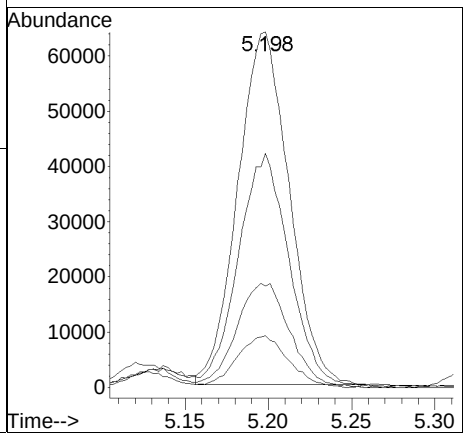


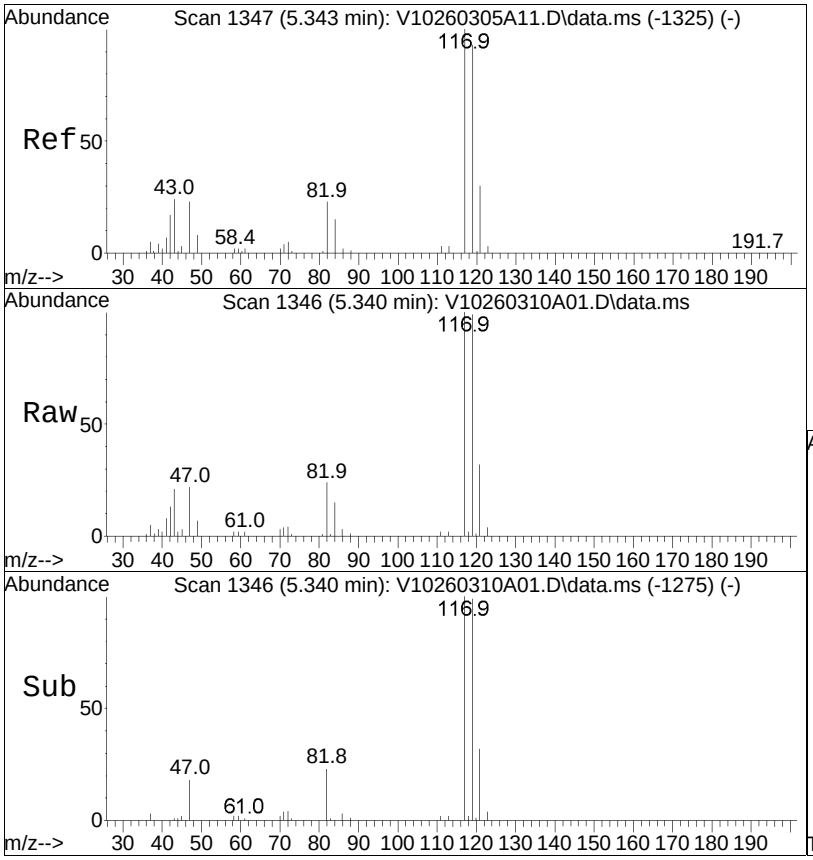


#32
Chloroform
Concen: 34.95 ug/L
RT: 5.198 min Scan# 1295
Delta R.T. 0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 83 Resp: 137381

Ion	Ratio	Lower	Upper
83	100		
85	64.9	41.9	87.1
47	30.8	18.4	38.2
48	14.8	9.4	19.4

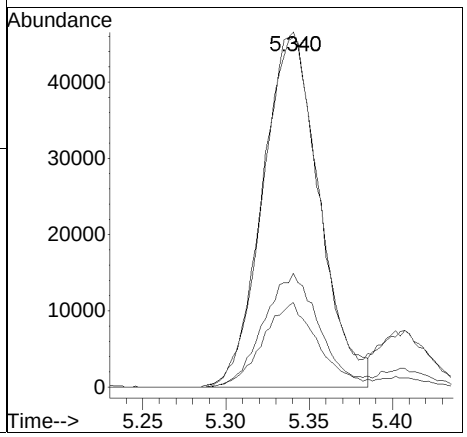


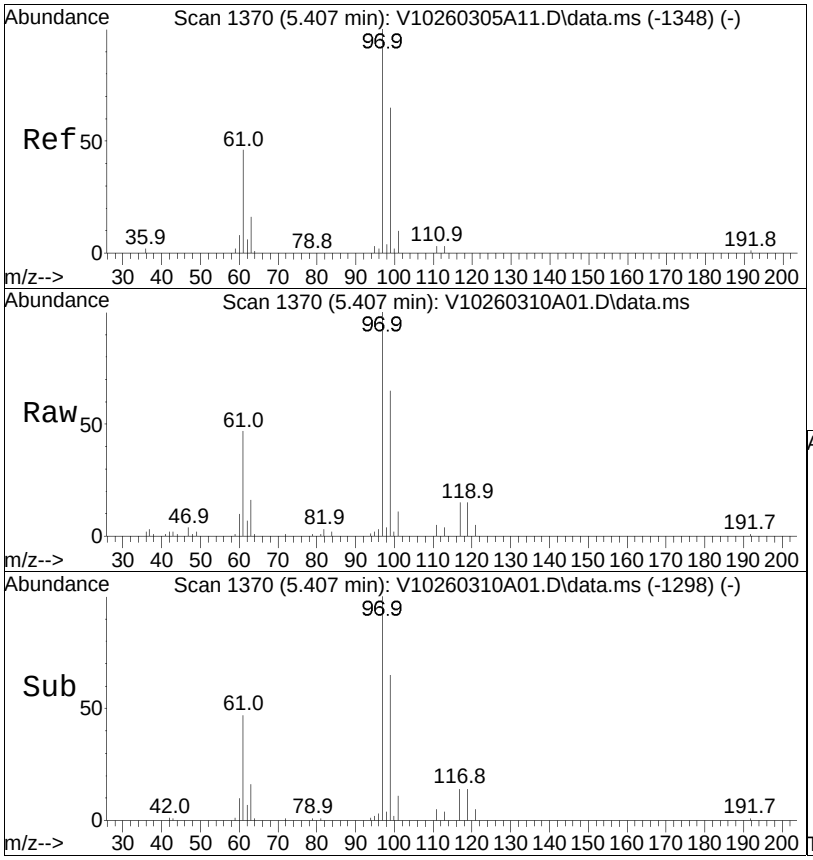


#34
Carbon tetrachloride
Concen: 43.41 ug/L
RT: 5.340 min Scan# 1346
Delta R.T. -0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:117 Resp: 110645

Ion	Ratio	Lower	Upper
117	100		
119	97.0	62.9	130.5
121	31.4	19.1	39.7
82	23.2	16.3	33.9

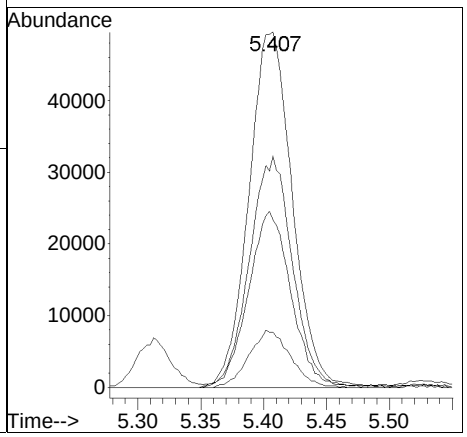


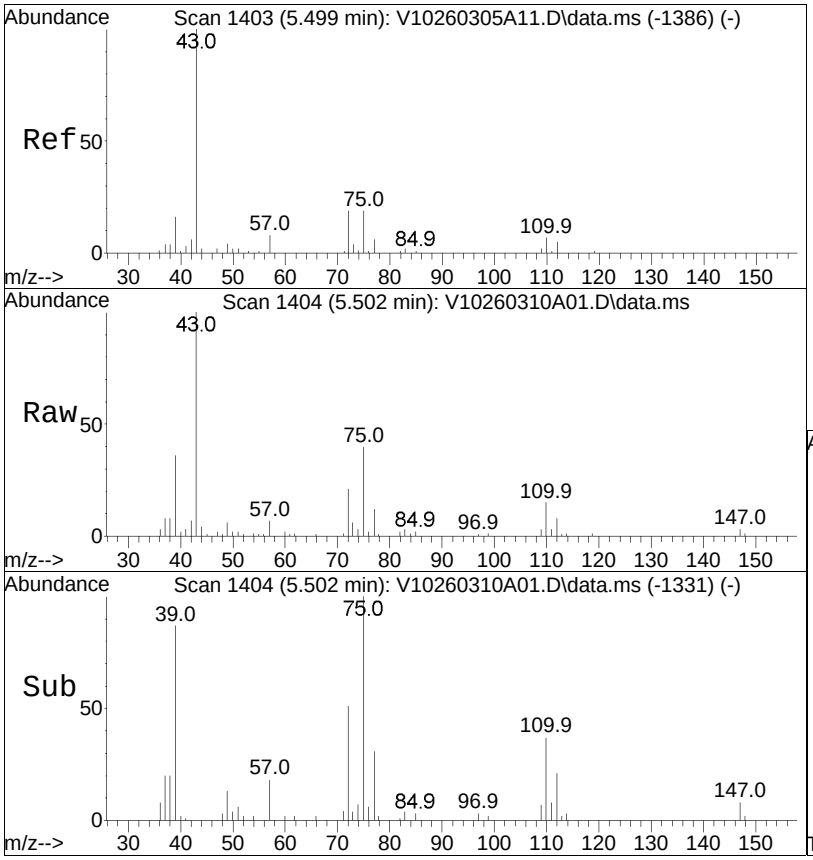


#37
1,1,1-Trichloroethane
Concen: 37.07 ug/L
RT: 5.407 min Scan# 1370
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 97 Resp: 119454

Ion	Ratio	Lower	Upper
97	100		
99	64.2	41.7	86.5
61	48.7	30.1	62.5
63	15.3	9.9	20.5

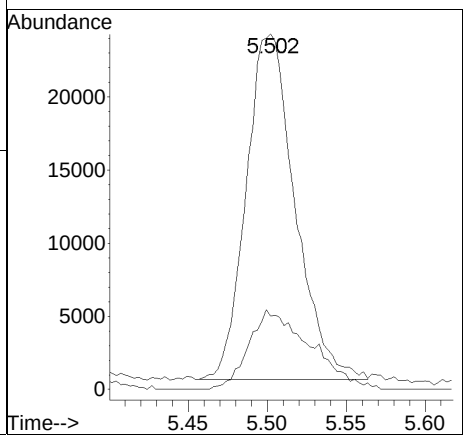


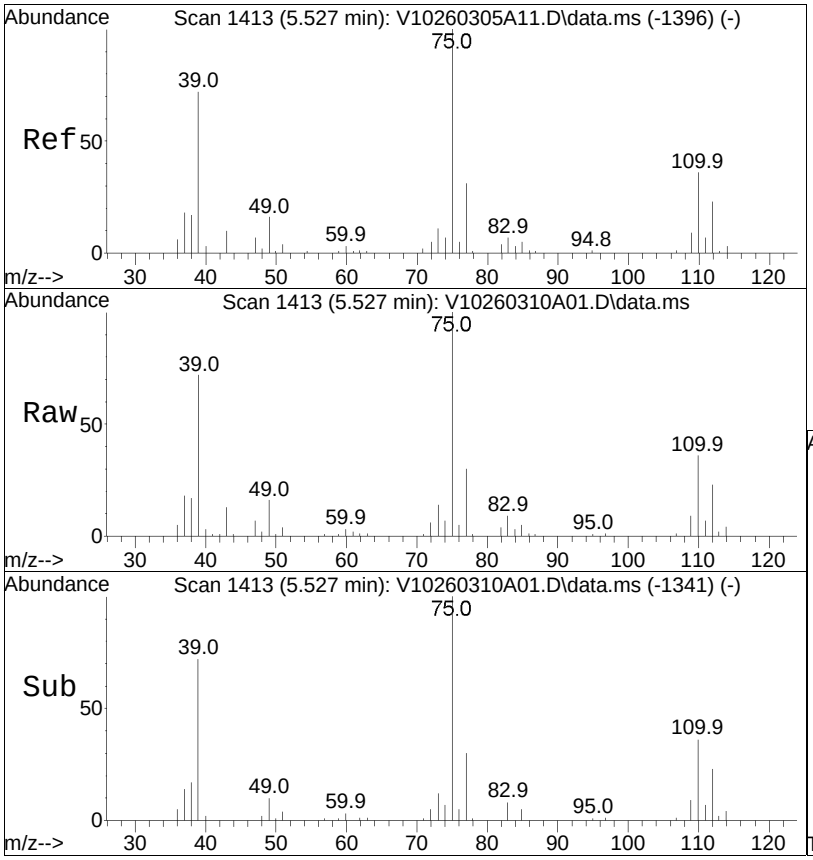


#39
2-Butanone
Concen: 32.81 ug/L
RT: 5.502 min Scan# 1404
Delta R.T. 0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 43 Resp: 50944

Ion	Ratio	Lower	Upper
43	100		
72	28.8	113.1	169.7#

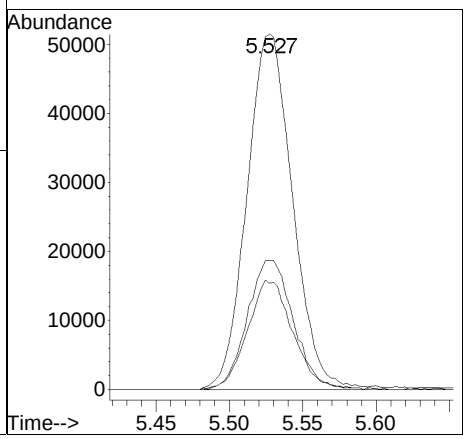


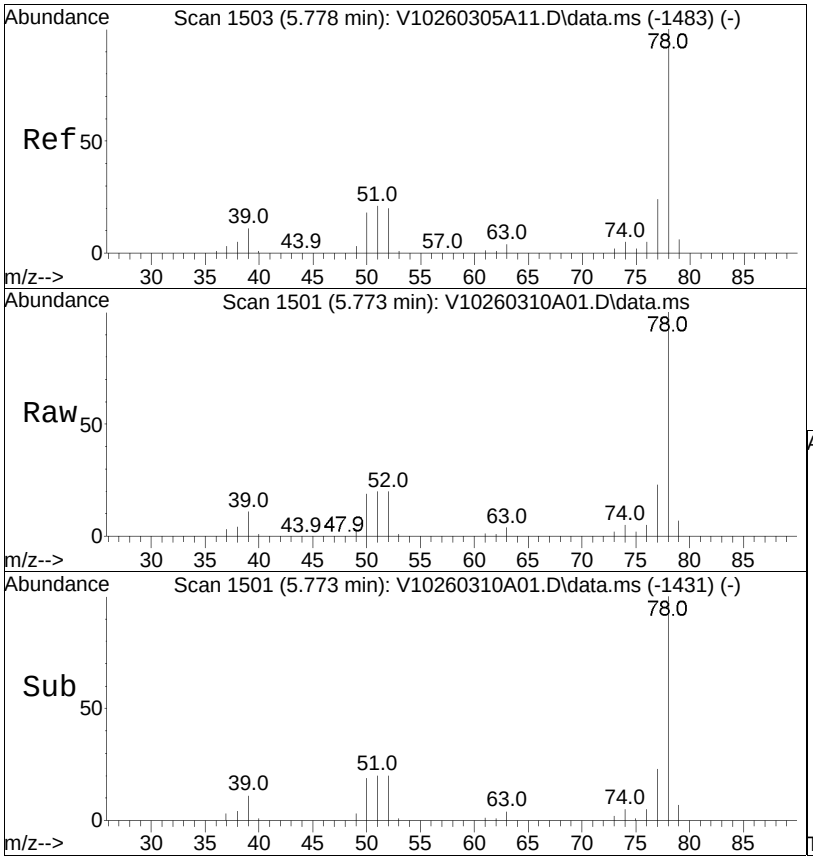


#40
1,1-Dichloropropene
Concen: 43.10 ug/L
RT: 5.527 min Scan# 1413
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 75 Resp: 111584

Ion	Ratio	Lower	Upper
75	100		
110	36.4	21.6	45.0
77	30.4	20.4	42.4

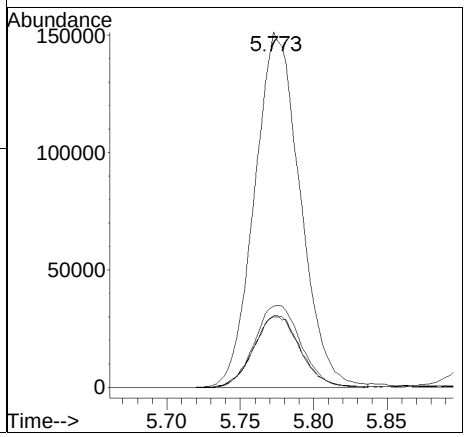


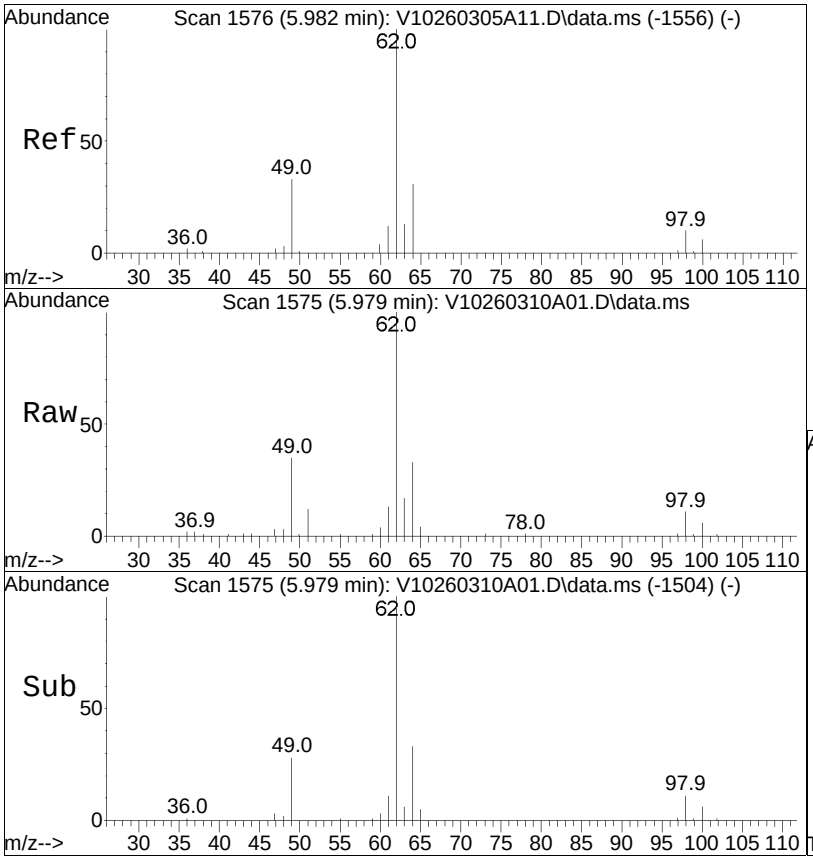


#41
Benzene
Concen: 38.31 ug/L
RT: 5.773 min Scan# 1501
Delta R.T. -0.006 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 78 Resp: 326659

Ion	Ratio	Lower	Upper
78	100		
77	23.8	16.1	33.5
51	20.6	11.8	24.6
52	20.4	11.0	22.8

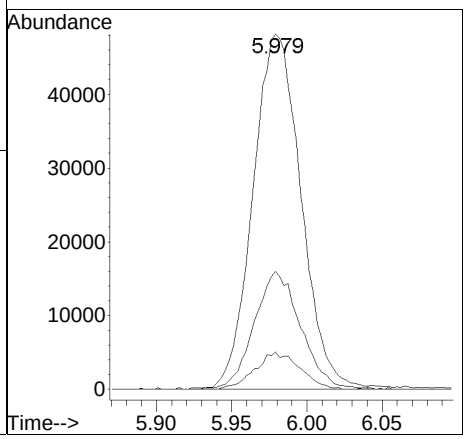


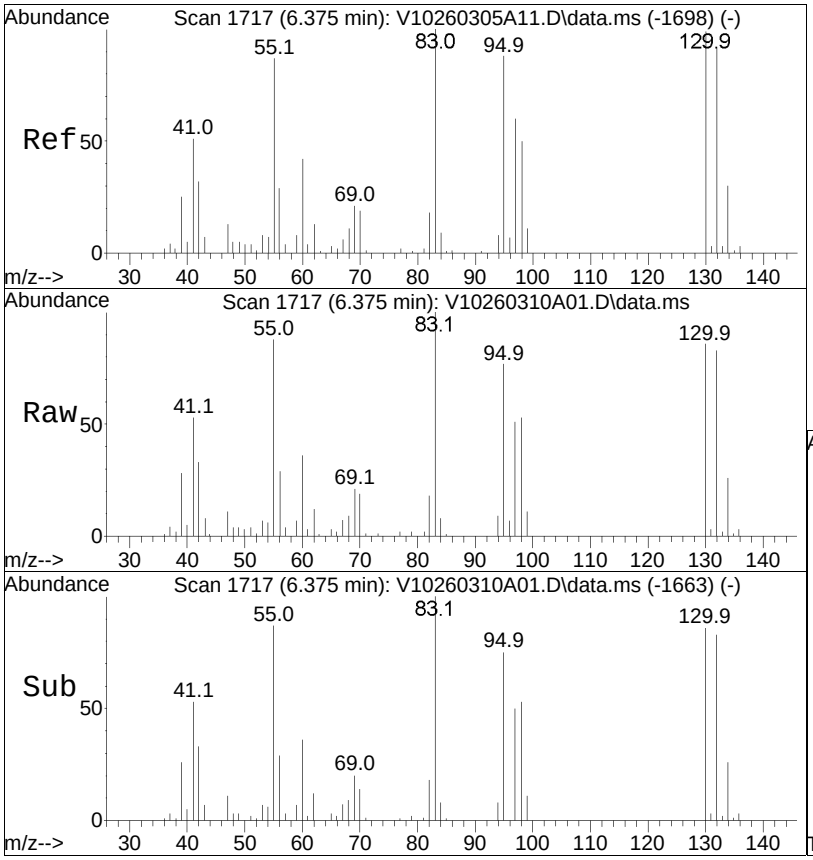


#44
1,2-Dichloroethane
Concen: 36.25 ug/L
RT: 5.979 min Scan# 1575
Delta R.T. -0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 62 Resp: 107080

Ion	Ratio	Lower	Upper
62	100		
64	32.3	12.3	52.3
98	9.8	0.0	29.5

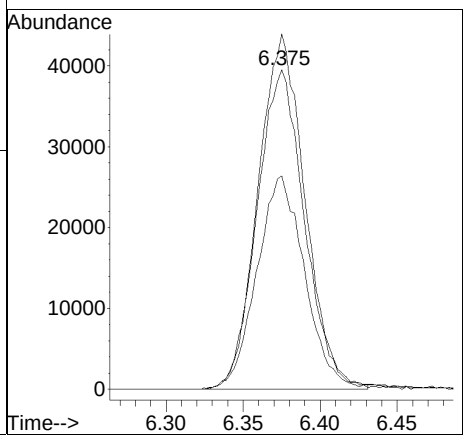


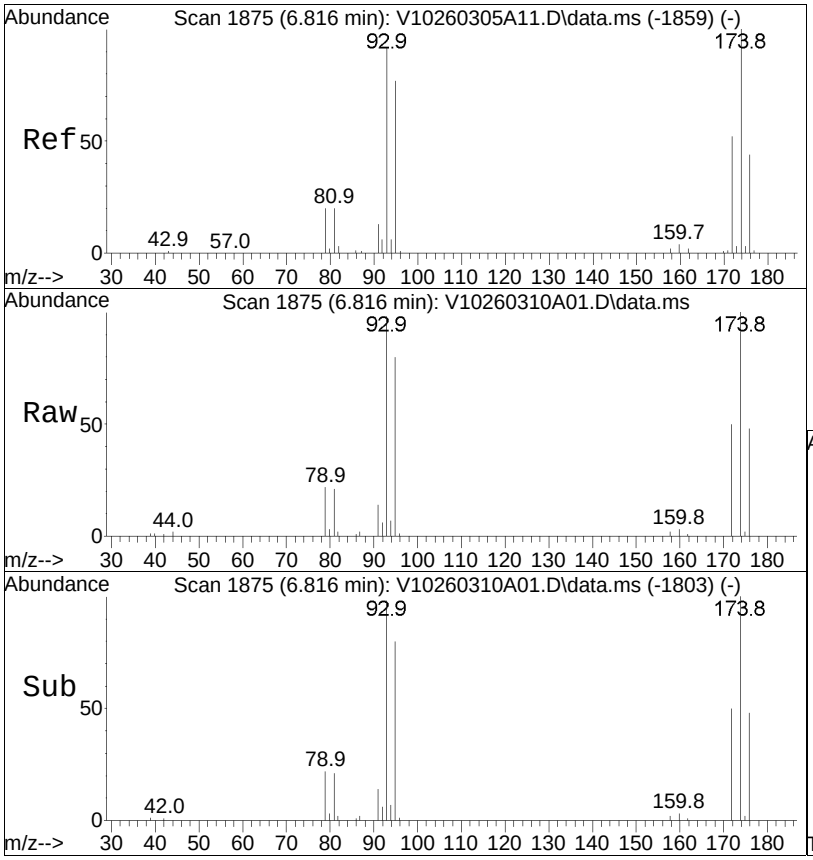


#48
Trichloroethene
Concen: 40.49 ug/L
RT: 6.375 min Scan# 1717
Delta R.T. 0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 95 Resp: 84503

Ion	Ratio	Lower	Upper
95	100		
97	67.7	53.3	79.9
130	111.1	80.7	121.1

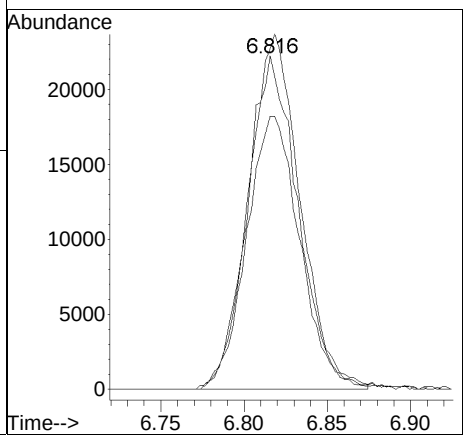


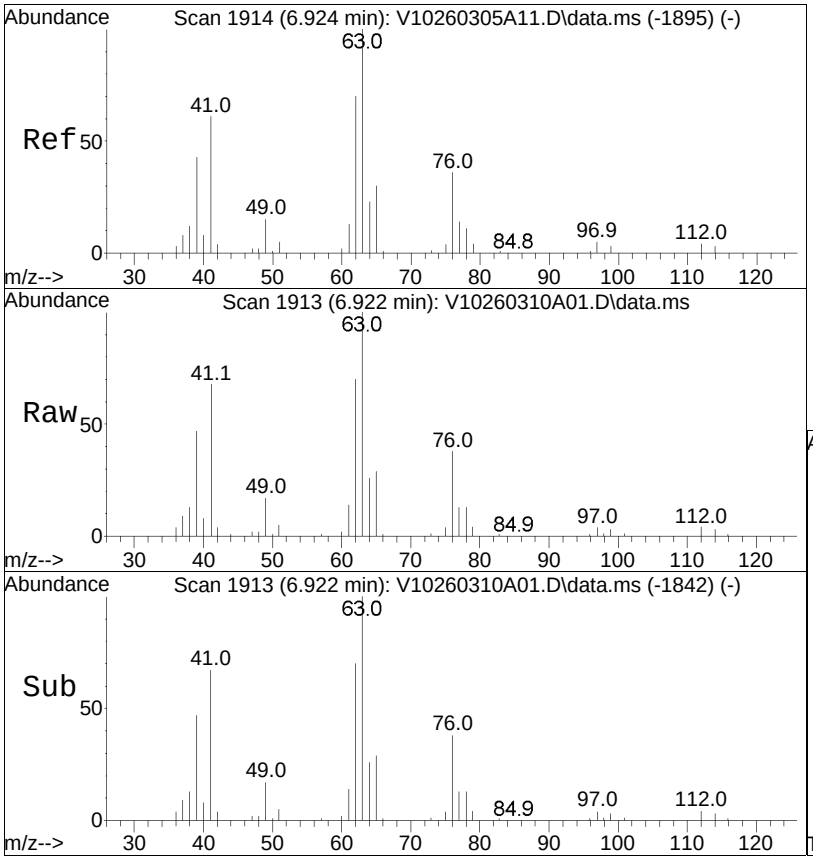


#50
Dibromomethane
Concen: 35.20 ug/L
RT: 6.816 min Scan# 1875
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 93 Resp: 47219

Ion	Ratio	Lower	Upper
93	100		
95	85.7	65.8	98.6
174	109.2	69.0	103.4#

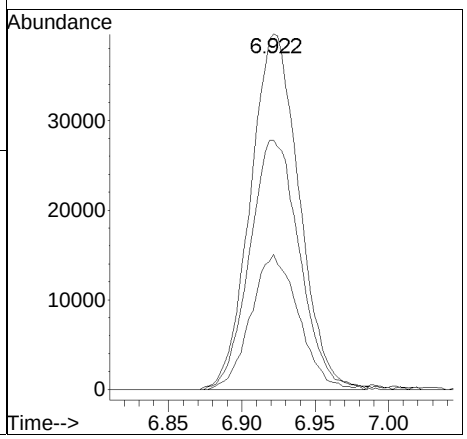


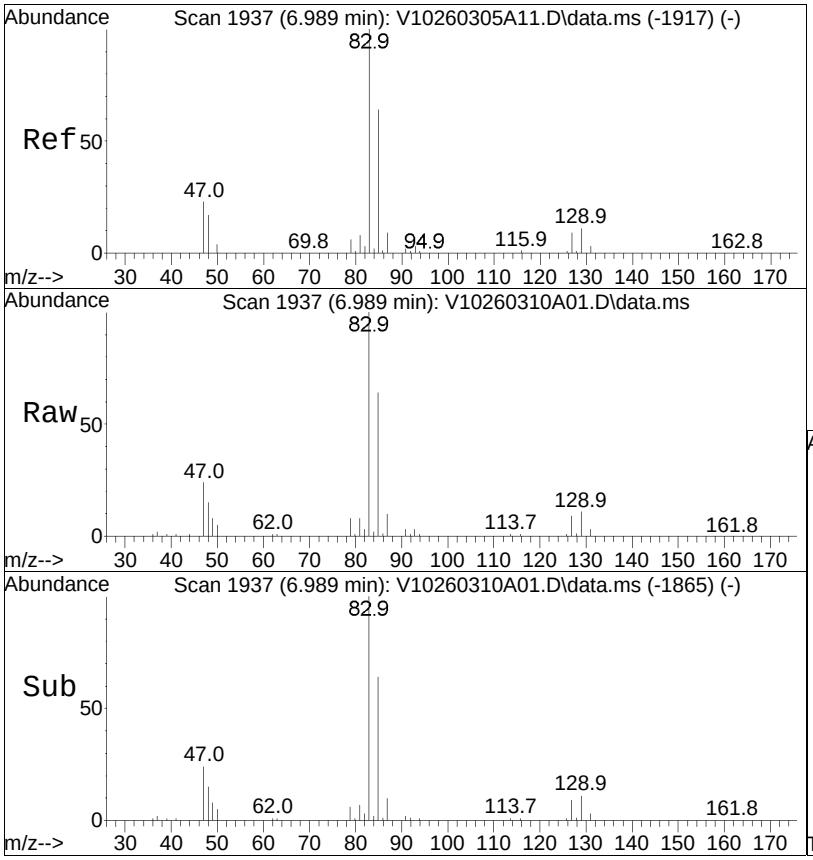


#51
1,2-Dichloropropane
Concen: 36.92 ug/L
RT: 6.922 min Scan# 1913
Delta R.T. -0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 63 Resp: 91403

Ion	Ratio	Lower	Upper
63	100		
62	72.1	56.2	84.2
76	37.3	33.0	49.4

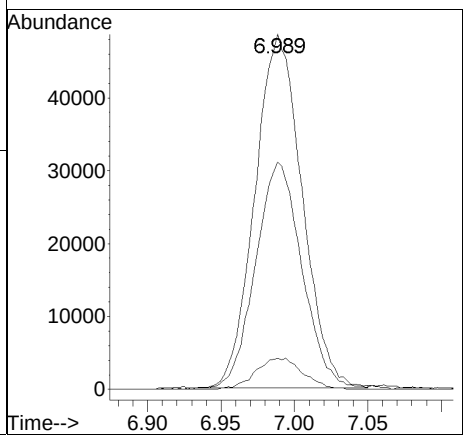


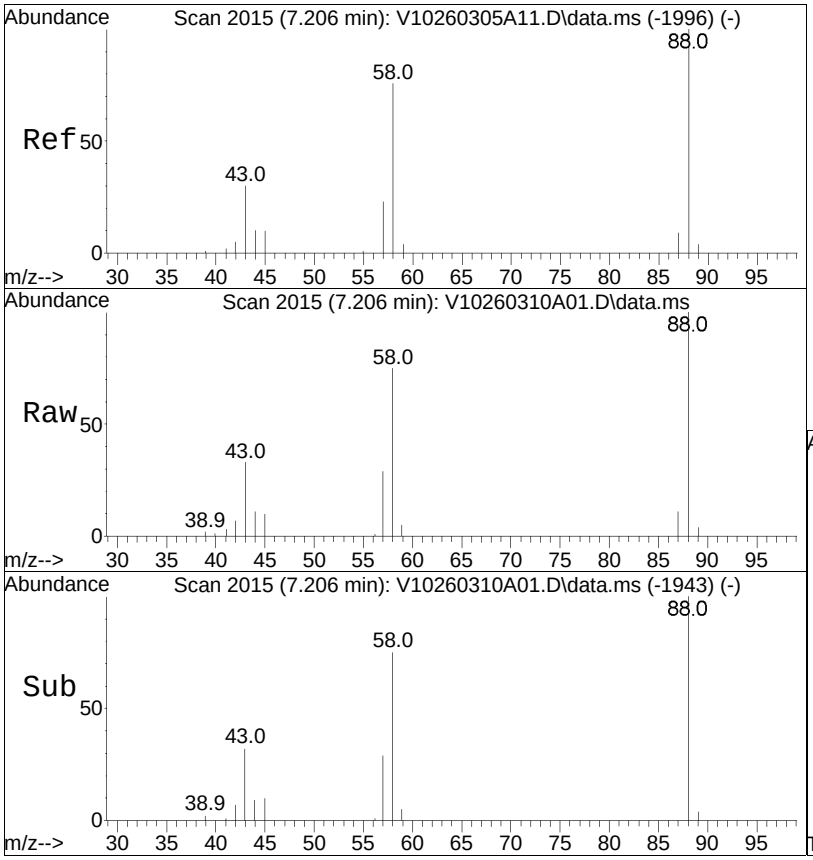


#54
Bromodichloromethane
Concen: 37.63 ug/L
RT: 6.989 min Scan# 1937
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 83 Resp: 108609

Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.9	76.3
127	8.9	6.3	9.5

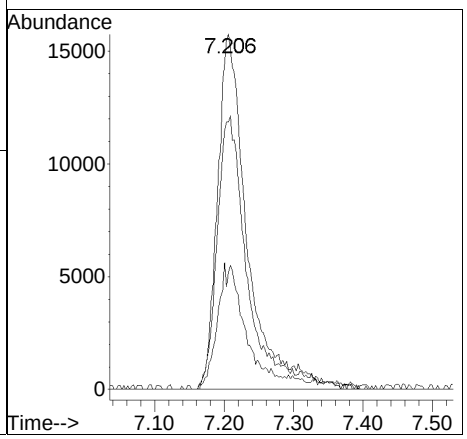


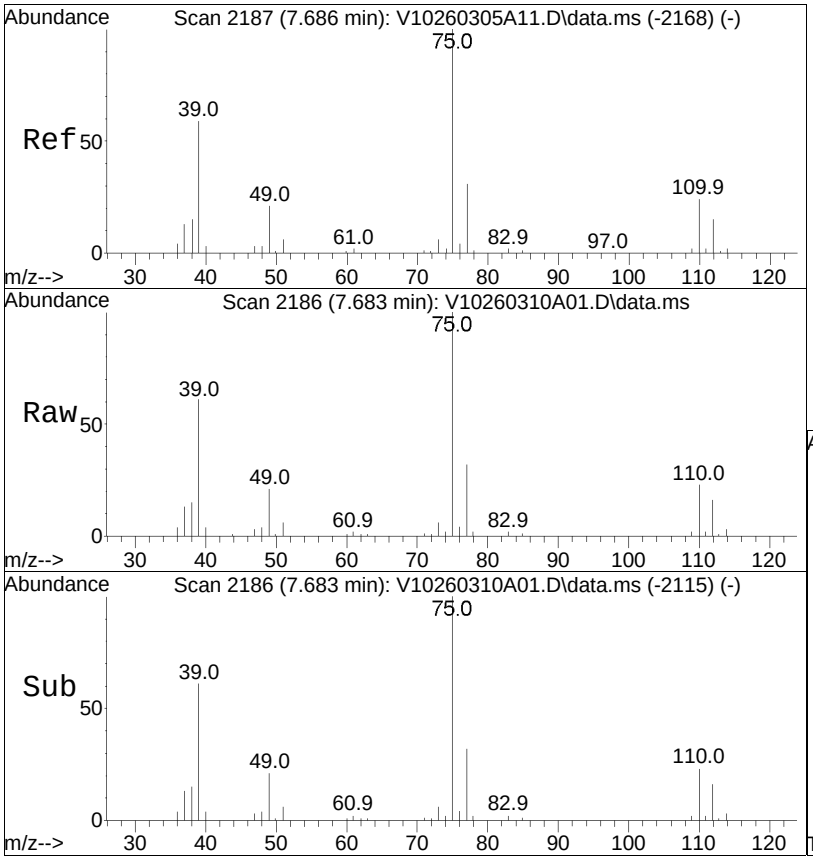


#57
1,4-Dioxane
Concen: 1670.33 ug/L M1
RT: 7.206 min Scan# 2015
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 88 Resp: 47624

Ion	Ratio	Lower	Upper
88	100		
58	74.7	55.4	83.0
43	11.8	24.7	37.1#

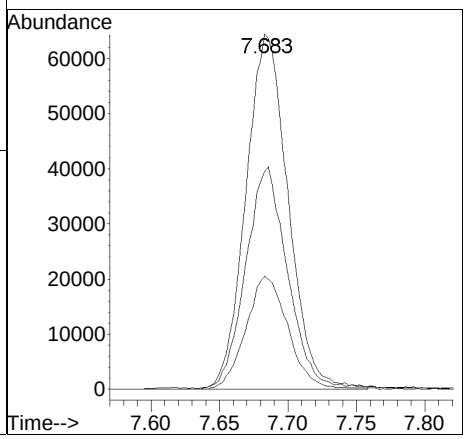


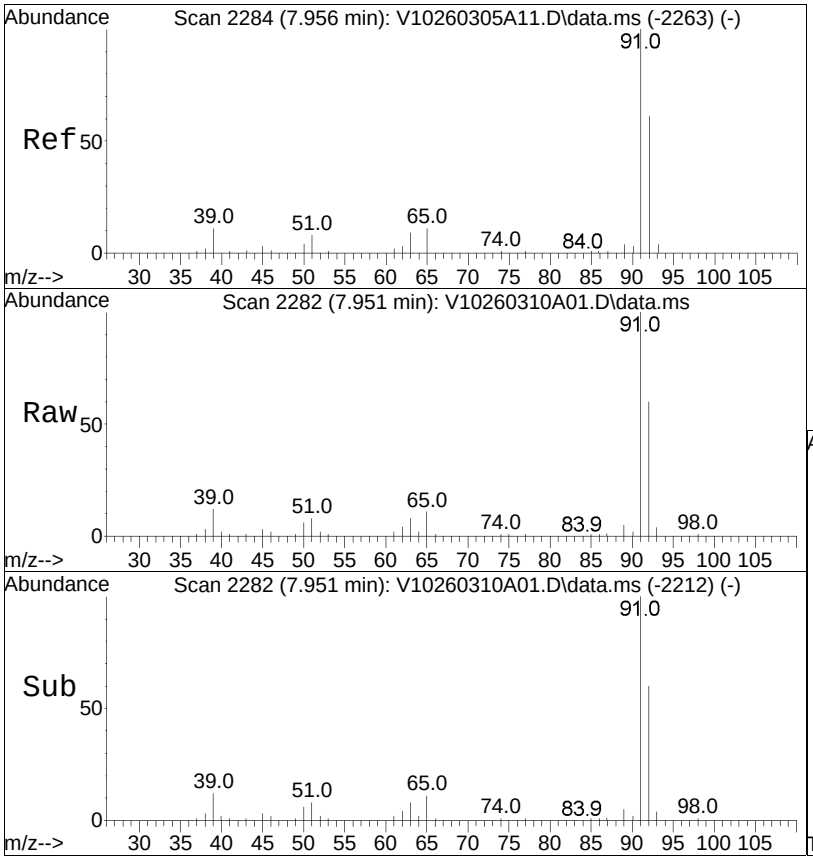


#58
cis-1,3-Dichloropropene
Concen: 37.52 ug/L
RT: 7.683 min Scan# 2186
Delta R.T. -0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 75 Resp: 138648

Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.2	36.4
39	61.4	45.8	68.8

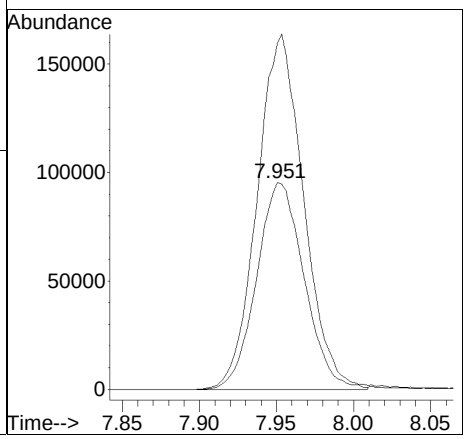


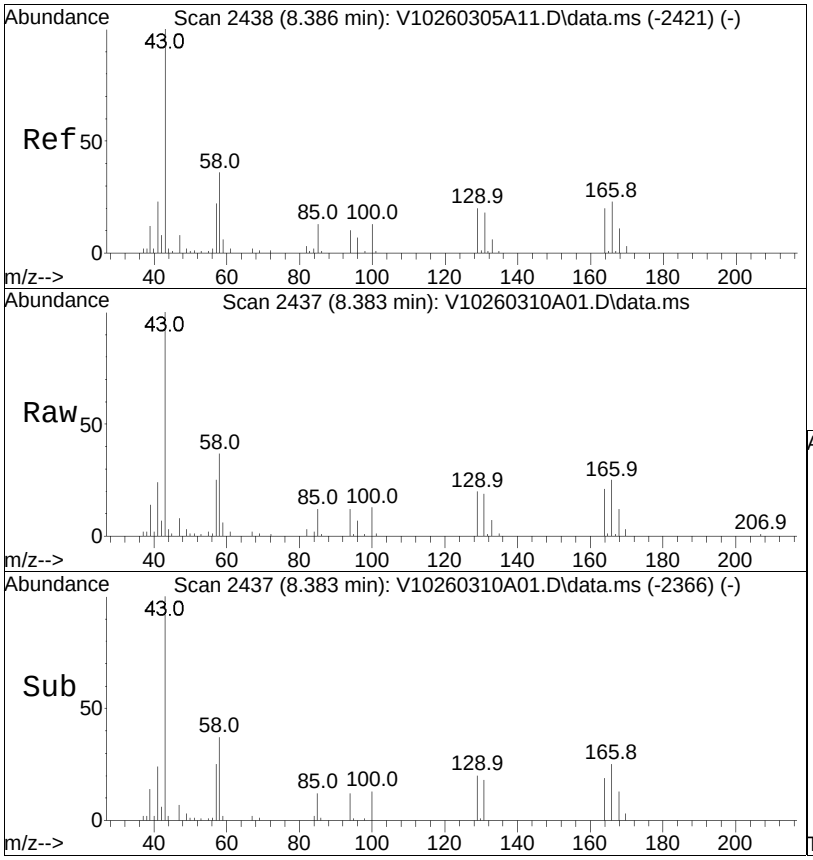


#61
Toluene
Concen: 41.53 ug/L
RT: 7.951 min Scan# 2282
Delta R.T. -0.006 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 92 Resp: 204181

Ion	Ratio	Lower	Upper
92	100		
91	169.4	134.9	202.3

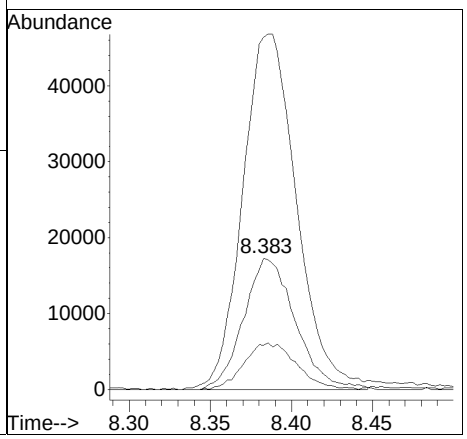


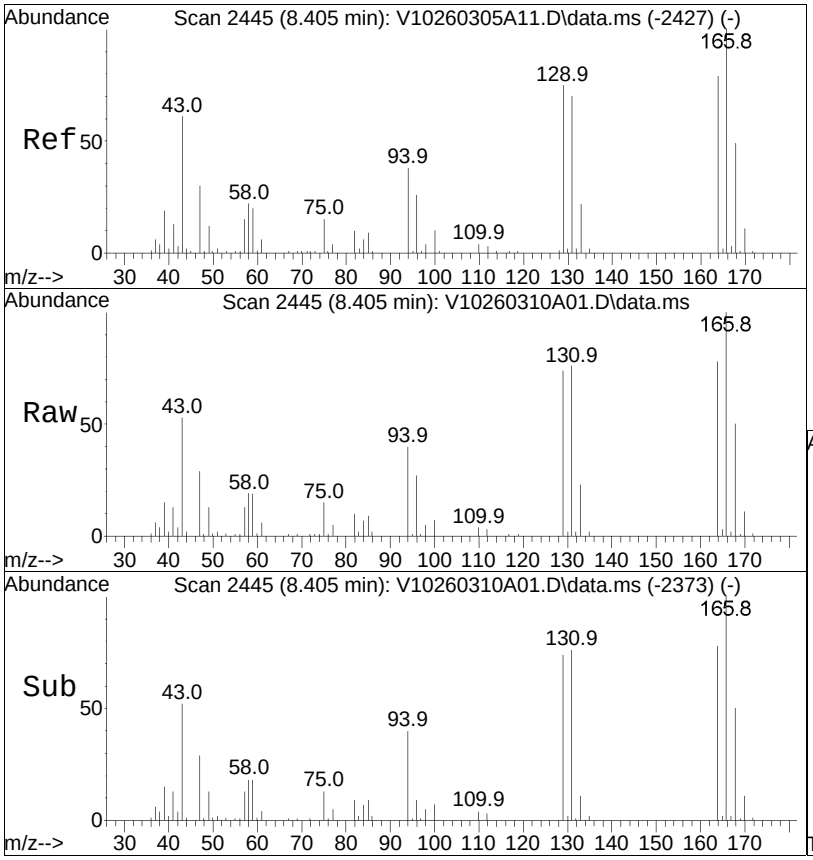


#62
4-Methyl-2-pentanone
Concen: 38.19 ug/L
RT: 8.383 min Scan# 2437
Delta R.T. -0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 58 Resp: 38268

Ion	Ratio	Lower	Upper
58	100		
100	35.6	32.3	48.5
43	284.6	207.4	311.0

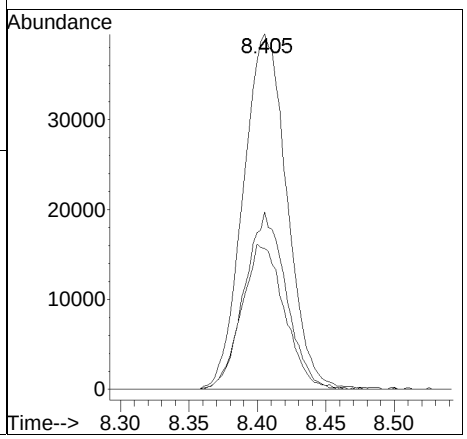


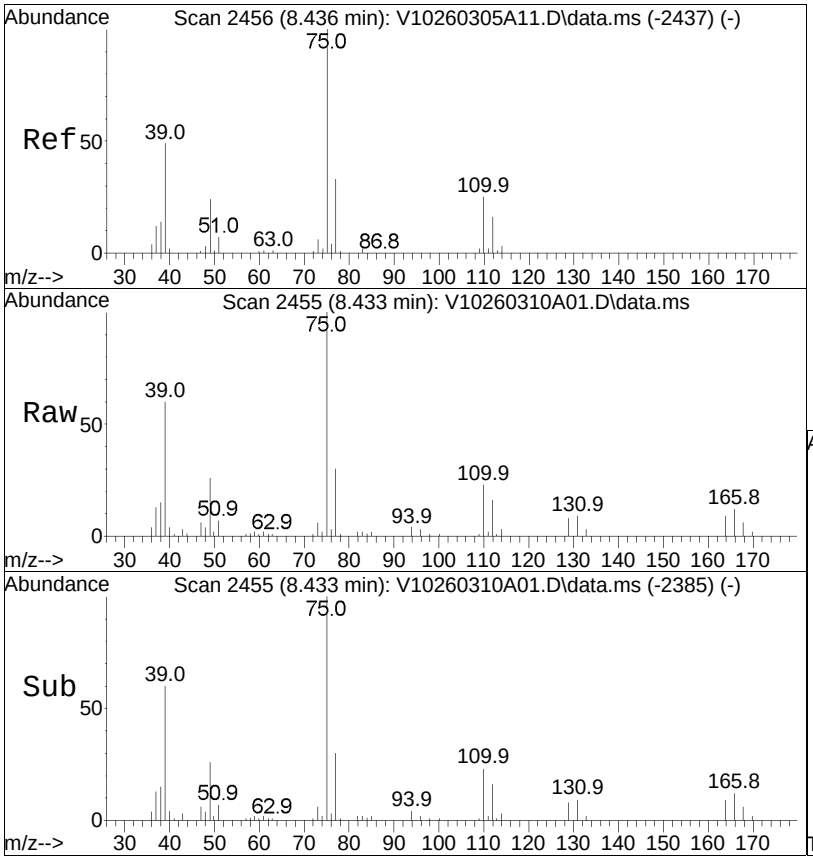


#63
Tetrachloroethene
Concen: 46.04 ug/L
RT: 8.405 min Scan# 2445
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:166 Resp: 87903

Ion	Ratio	Lower	Upper
166	100		
168	47.5	26.7	66.7
94	39.9	24.4	64.4

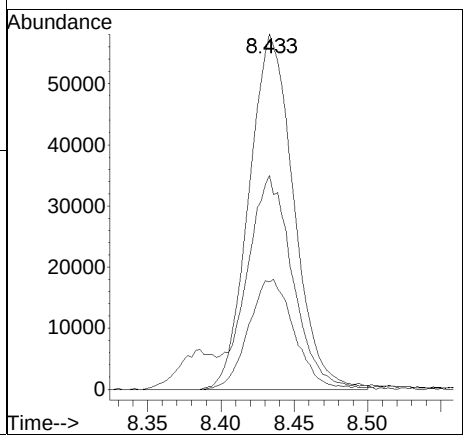


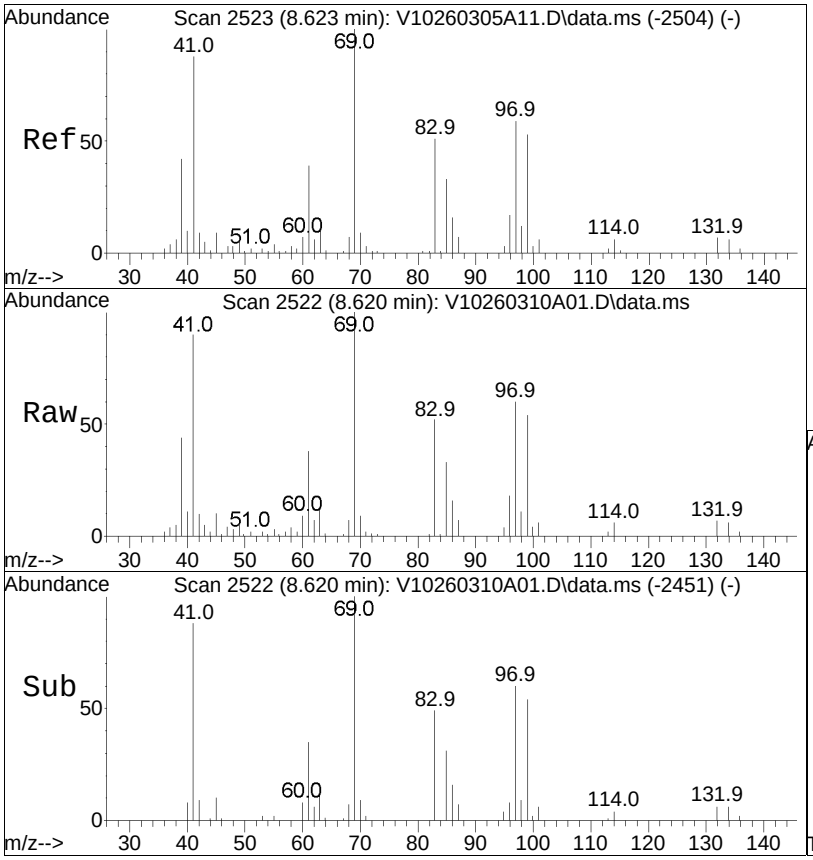


#65
trans-1,3-Dichloropropene
Concen: 41.24 ug/L
RT: 8.433 min Scan# 2455
Delta R.T. -0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 75 Resp: 123101

Ion	Ratio	Lower	Upper
75	100		
77	31.9	11.0	51.0
39	58.6	38.3	78.3

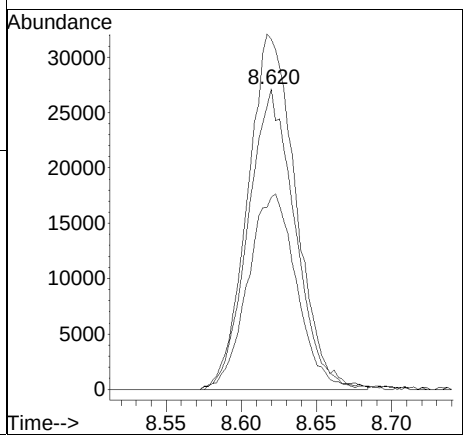


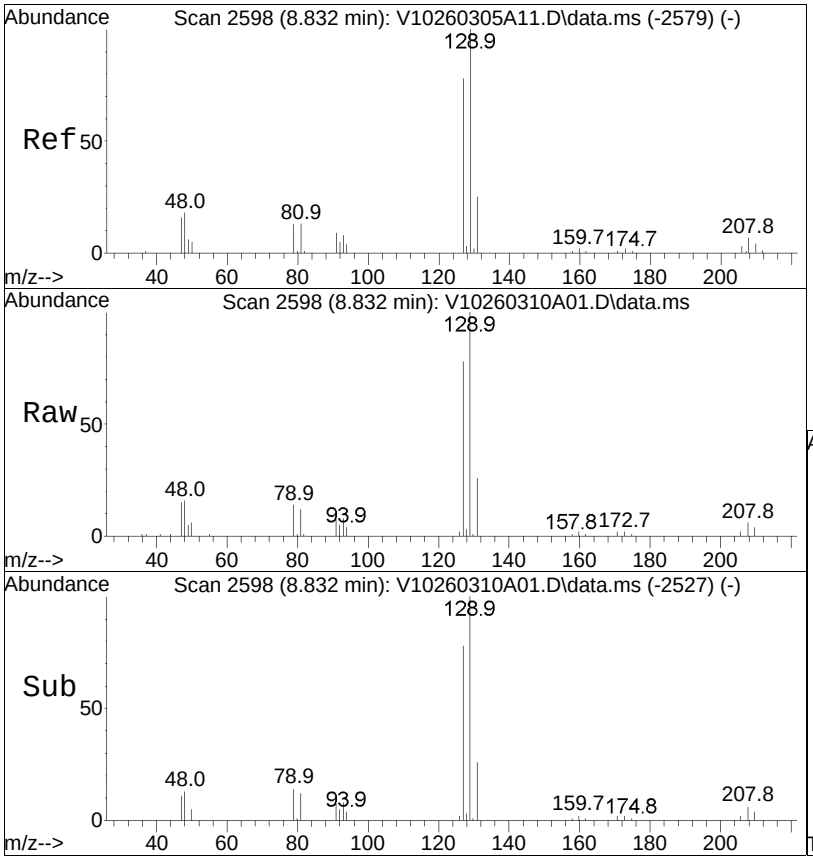


#68
1,1,2-Trichloroethane
Concen: 36.73 ug/L
RT: 8.620 min Scan# 2522
Delta R.T. -0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 83 Resp: 58791

Ion	Ratio	Lower	Upper
83	100		
97	121.8	103.5	143.5
85	67.6	49.8	89.8

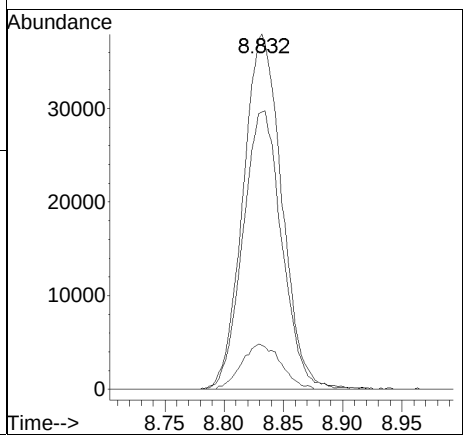


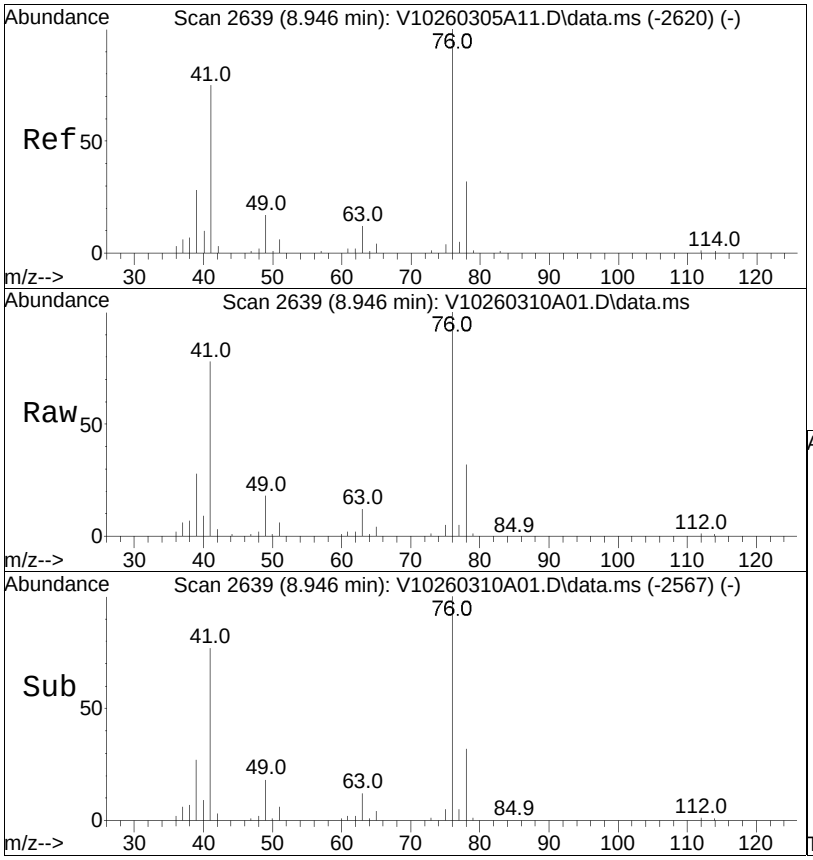


#69
Chlorodibromomethane
Concen: 40.01 ug/L
RT: 8.832 min Scan# 2598
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:129 Resp: 86440

Ion	Ratio	Lower	Upper
129	100		
81	13.0	0.0	38.1
127	78.4	56.5	96.5

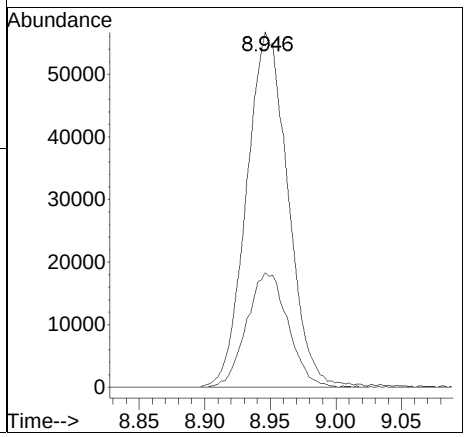


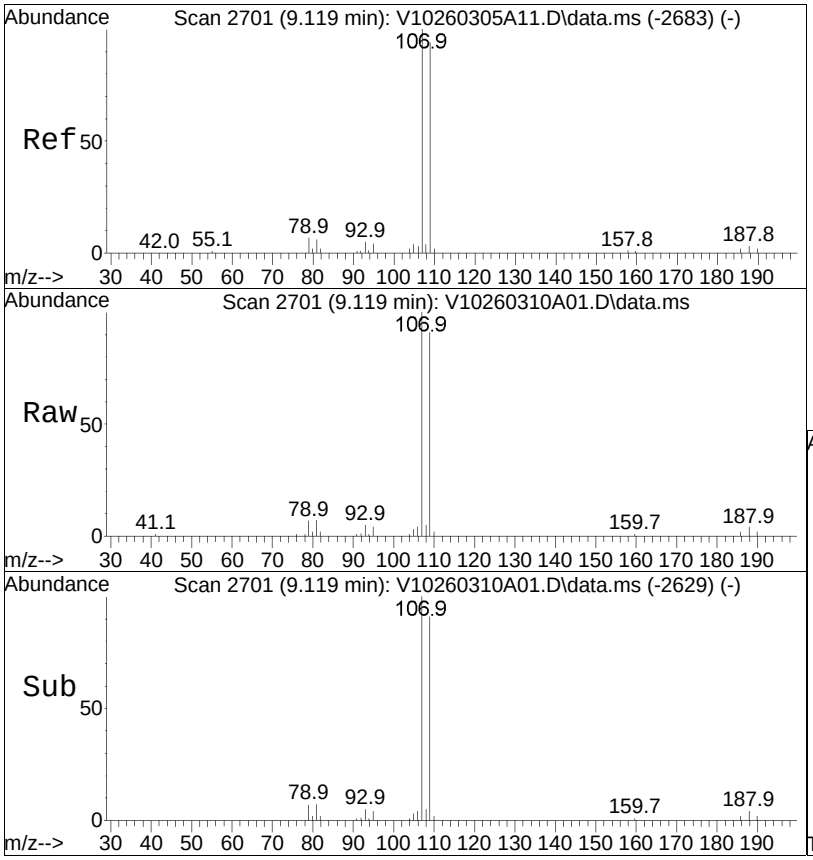


#70
1,3-Dichloropropane
Concen: 40.08 ug/L
RT: 8.946 min Scan# 2639
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 76 Resp: 124801

Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

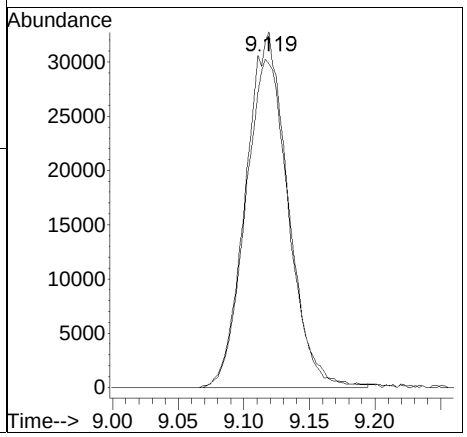


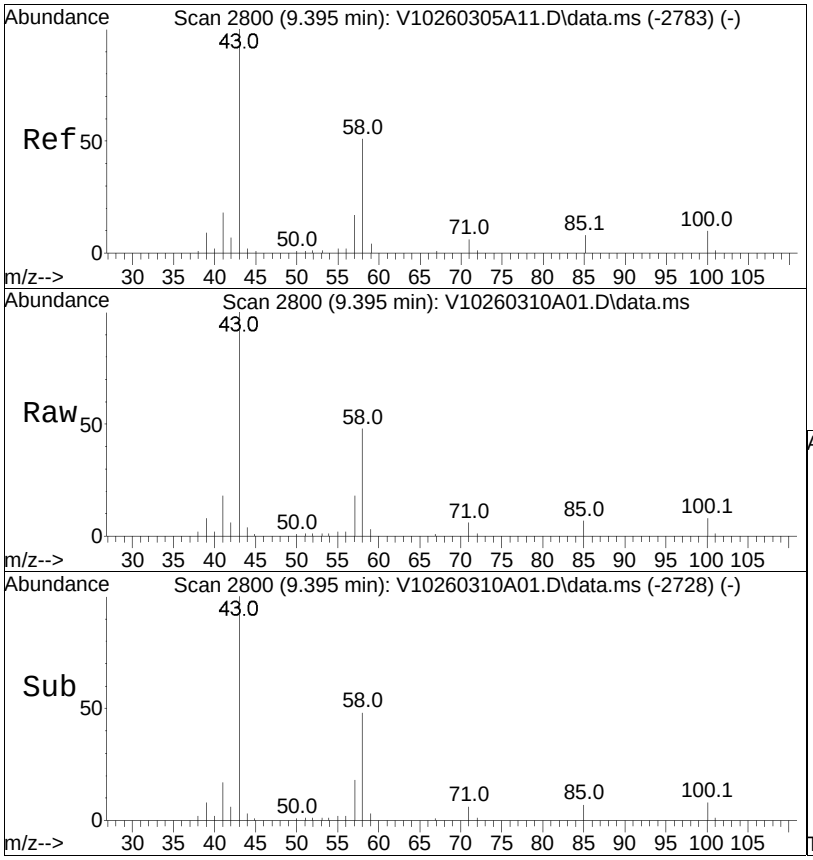


#71
1,2-Dibromoethane
Concen: 41.93 ug/L
RT: 9.119 min Scan# 2701
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:107 Resp: 73759

Ion	Ratio	Lower	Upper
107	100		
109	93.6	76.8	115.2

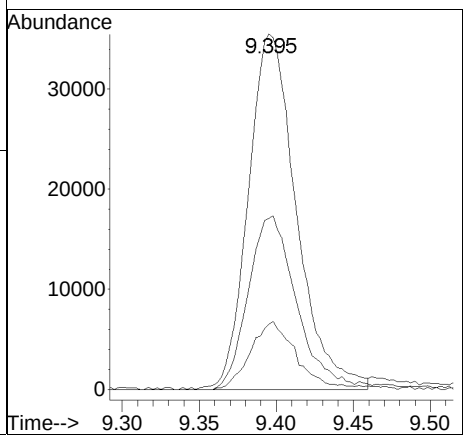


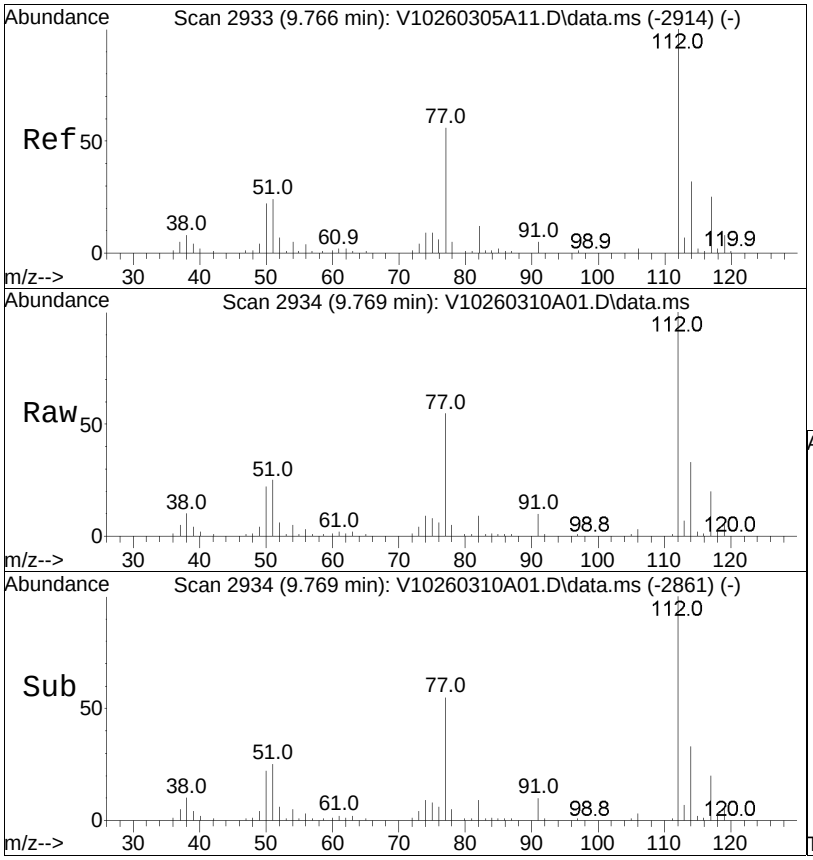


#72
2-Hexanone
Concen: 36.63 ug/L
RT: 9.395 min Scan# 2800
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 43 Resp: 77043

Ion	Ratio	Lower	Upper
43	100		
58	48.7	43.0	64.4
57	18.1	14.6	21.8

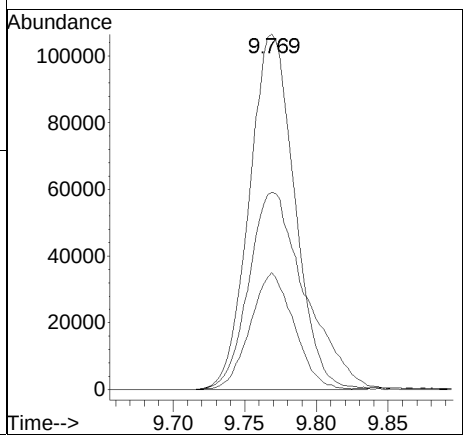


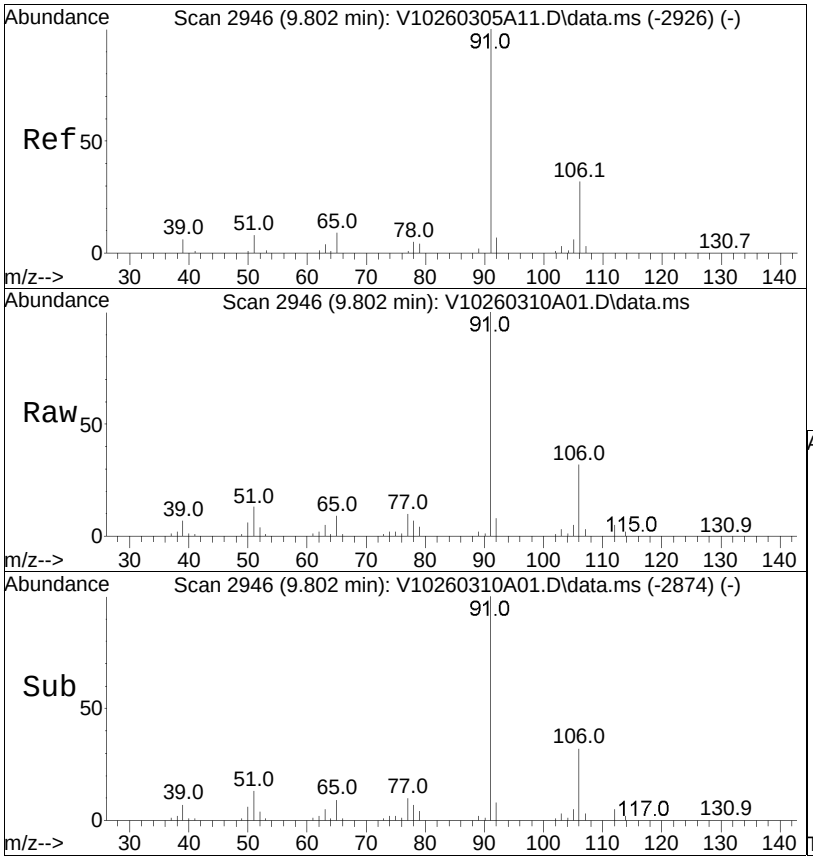


#73
Chlorobenzene
Concen: 40.85 ug/L
RT: 9.769 min Scan# 2934
Delta R.T. 0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:112 Resp: 233678

Ion	Ratio	Lower	Upper
112	100		
77	69.4	47.0	70.6
114	31.9	26.2	39.2

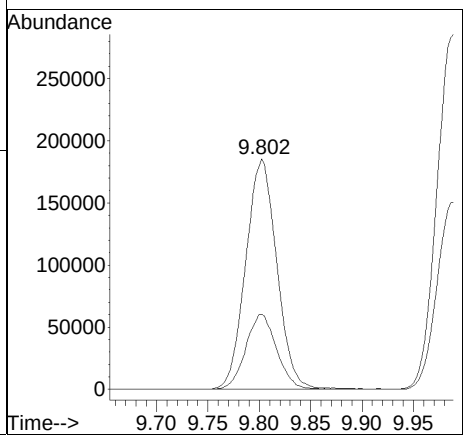


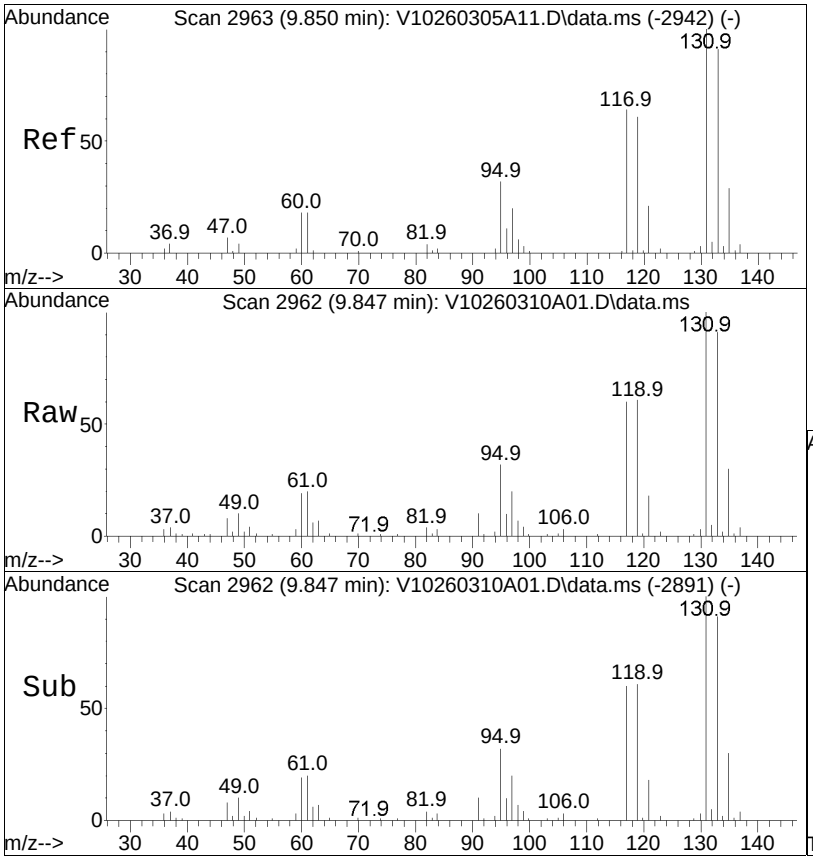


#74
Ethylbenzene
Concen: 42.29 ug/L
RT: 9.802 min Scan# 2946
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 91 Resp: 391713

Ion	Ratio	Lower	Upper
91	100		
106	32.3	24.7	37.1

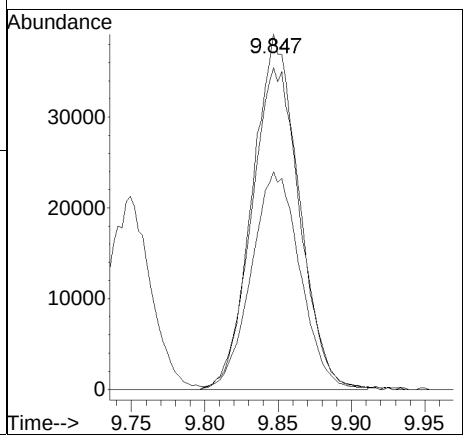


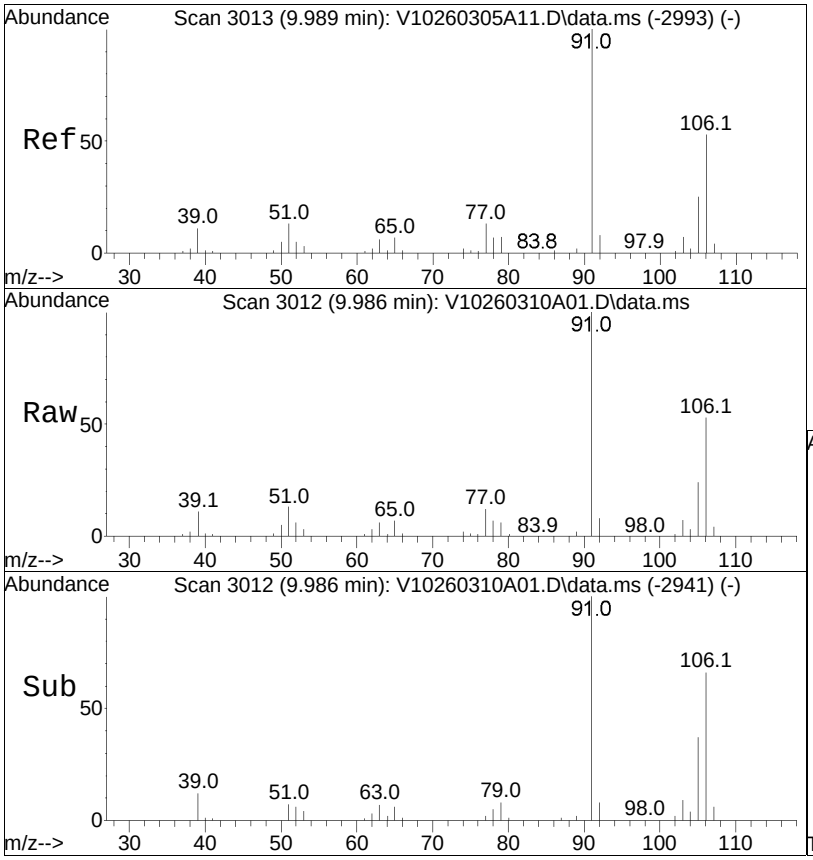


#75
1,1,1,2-Tetrachloroethane
Concen: 42.44 ug/L
RT: 9.847 min Scan# 2962
Delta R.T. -0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:131 Resp: 86578

Ion	Ratio	Lower	Upper
131	100		
133	94.0	74.6	114.6
119	64.2	47.7	87.7

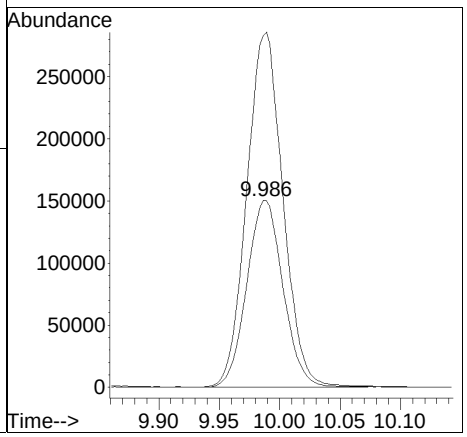


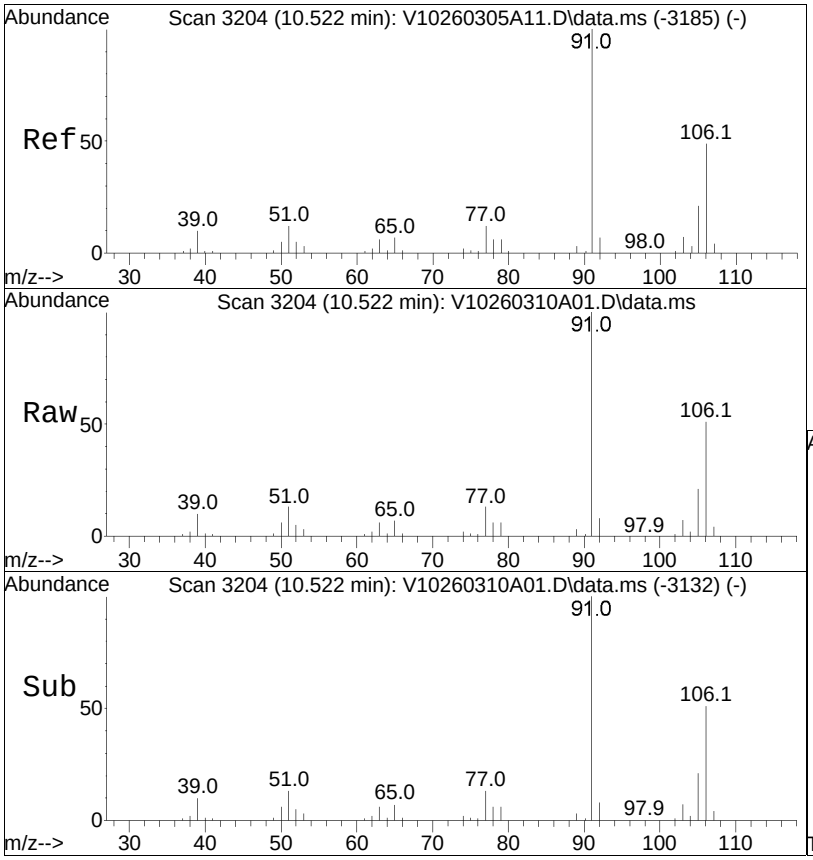


#76
p/m Xylene
Concen: 82.46 ug/L
RT: 9.986 min Scan# 3012
Delta R.T. -0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:106 Resp: 314474

Ion	Ratio	Lower	Upper
106	100		
91	188.2	158.2	237.2

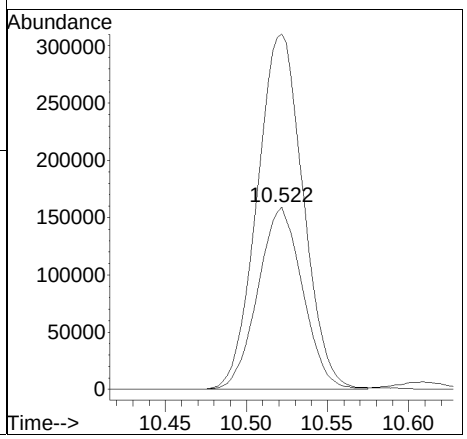


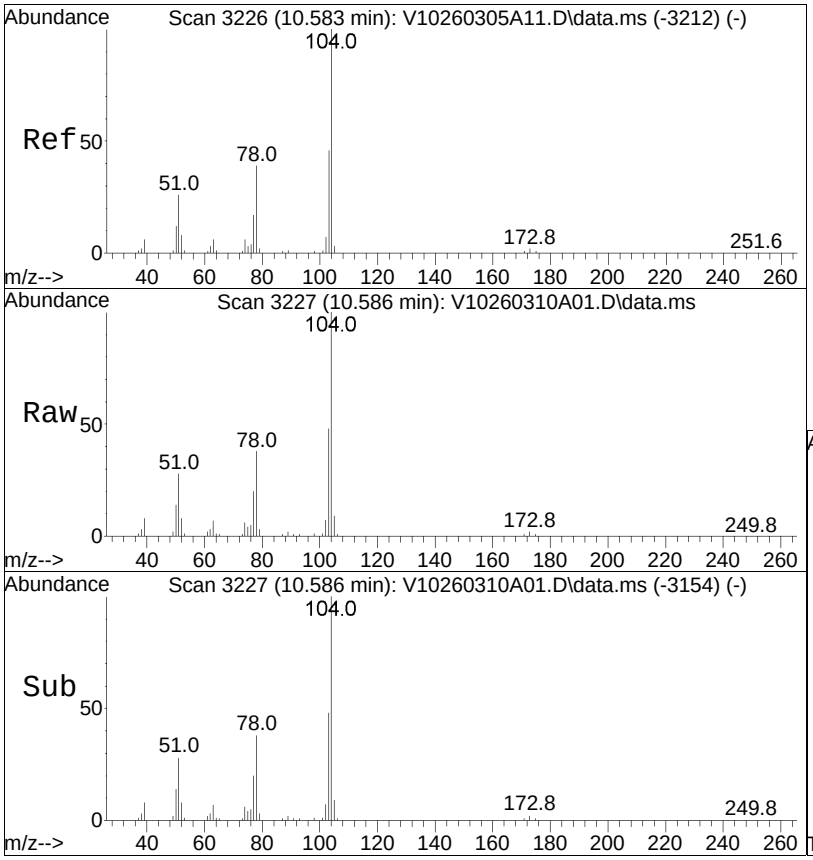


#77
o Xylene
Concen: 81.46 ug/L
RT: 10.522 min Scan# 3204
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:106 Resp: 304885

Ion	Ratio	Lower	Upper
106	100		
91	200.8	167.9	251.9

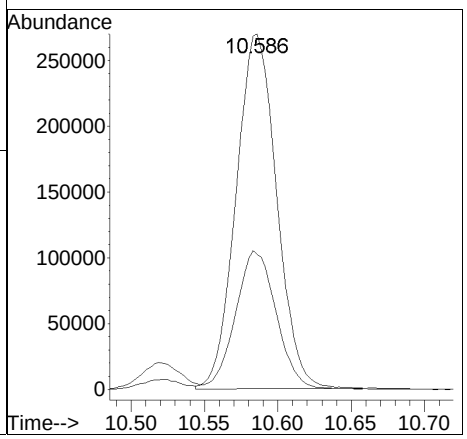


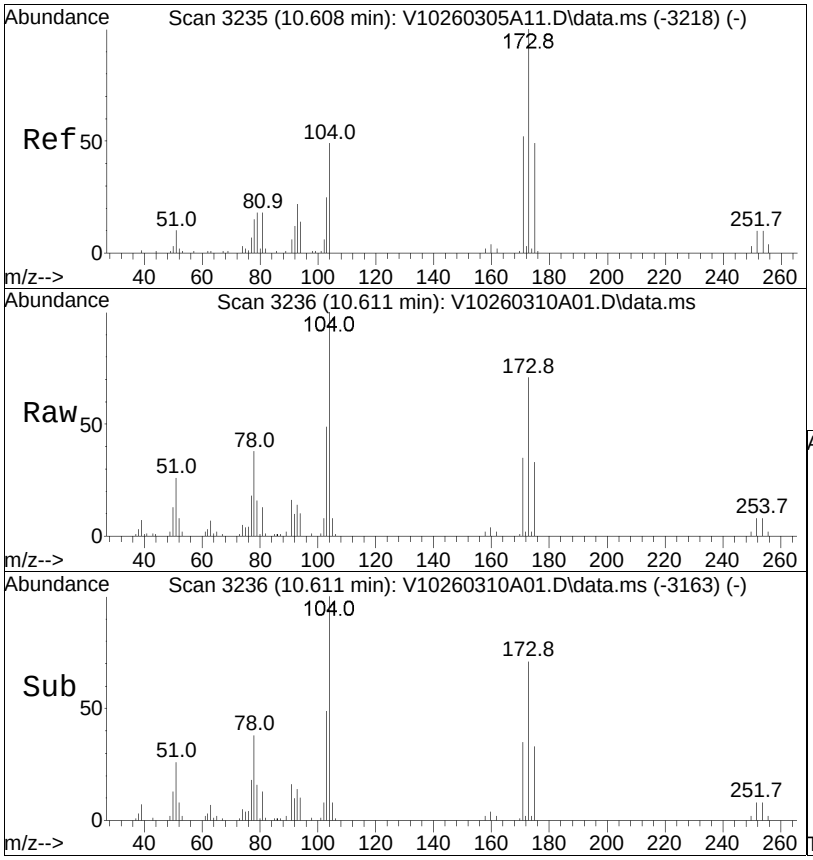


#78
Styrene
Concen: 80.66 ug/L
RT: 10.586 min Scan# 3227
Delta R.T. 0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:104 Resp: 518751

Ion	Ratio	Lower	Upper
104	100		
78	38.9	33.9	50.9

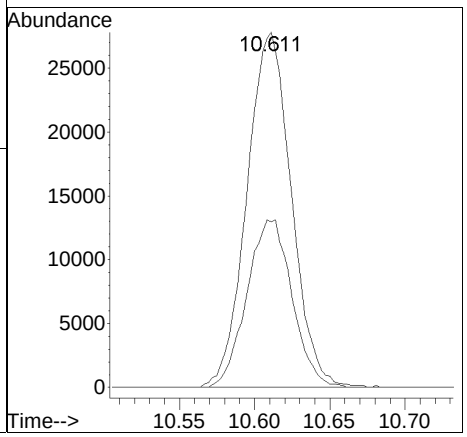


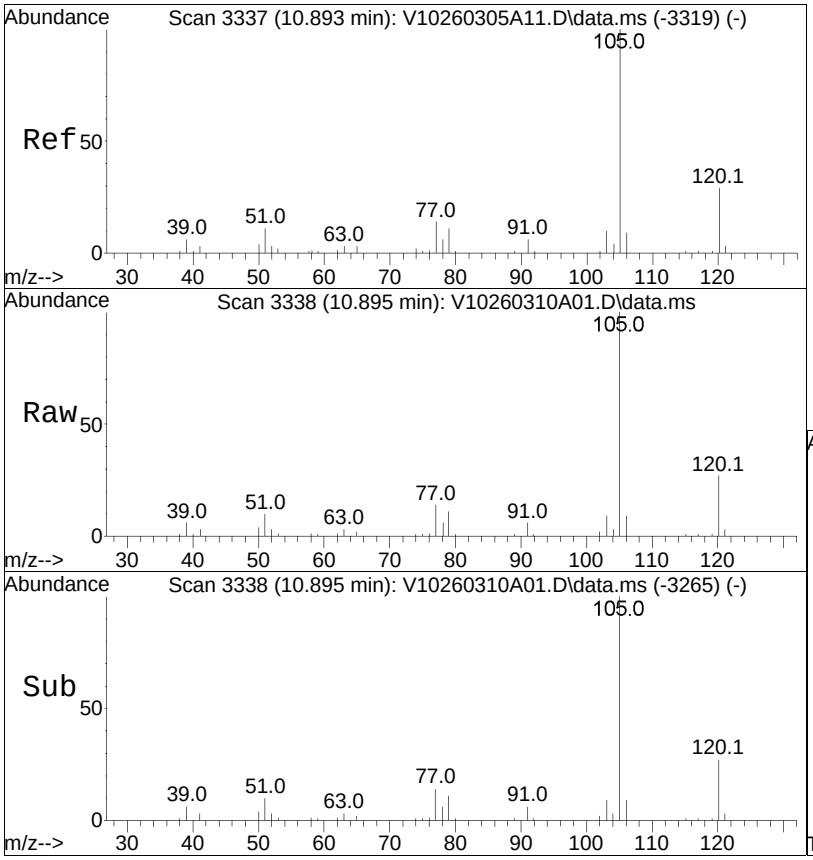


#80
Bromoform
Concen: 38.89 ug/L
RT: 10.611 min Scan# 3236
Delta R.T. 0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:173 Resp: 57178

Ion	Ratio	Lower	Upper
173	100		
175	47.9	29.4	69.4

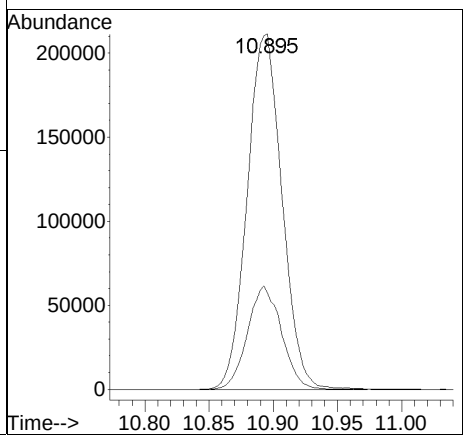


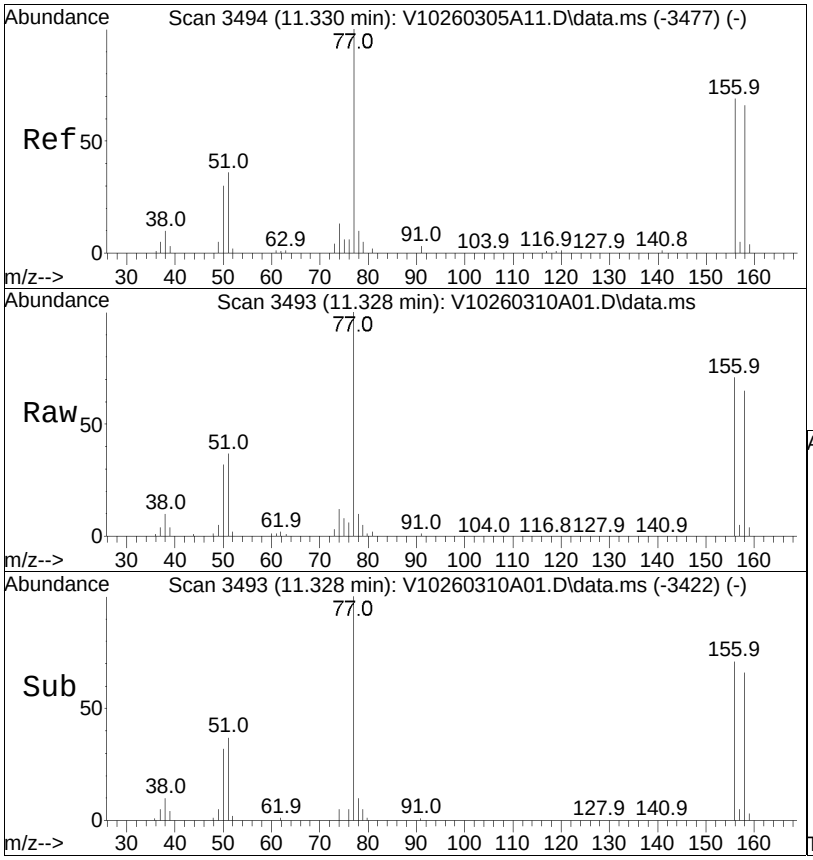


#82
Isopropylbenzene
Concen: 43.31 ug/L
RT: 10.895 min Scan# 3338
Delta R.T. 0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:105 Resp: 399244

Ion	Ratio	Lower	Upper
105	100		
120	28.3	6.7	46.7

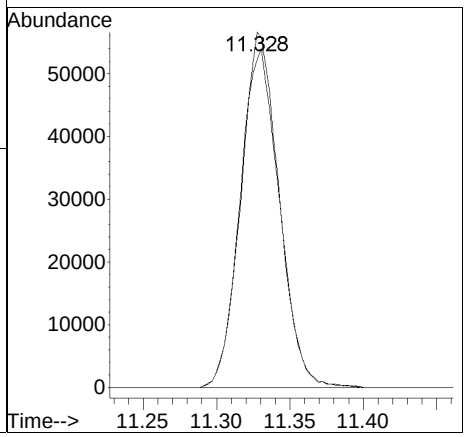


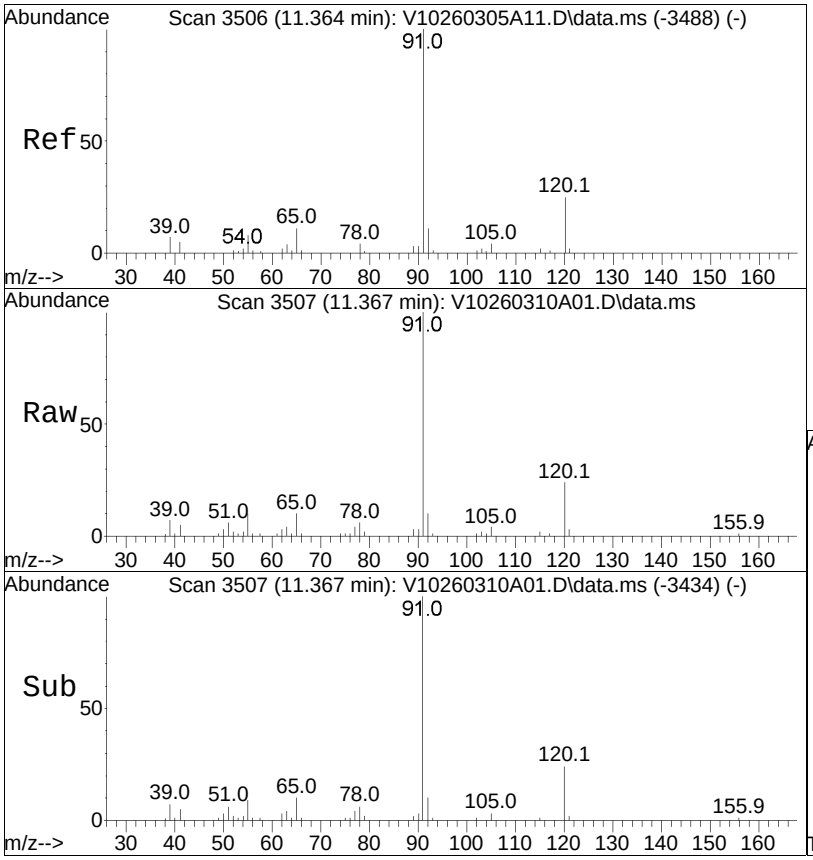


#84
Bromobenzene
Concen: 41.98 ug/L
RT: 11.328 min Scan# 3493
Delta R.T. -0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:156 Resp: 103136

Ion	Ratio	Lower	Upper
156	100		
158	96.4	76.2	114.4

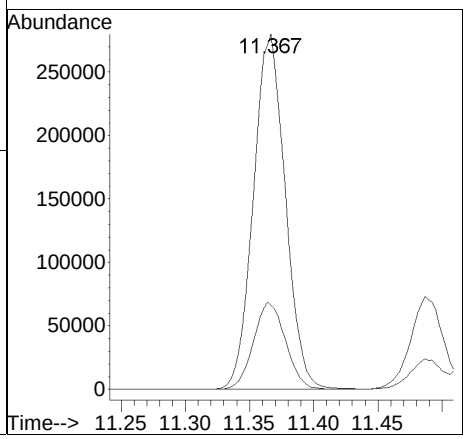


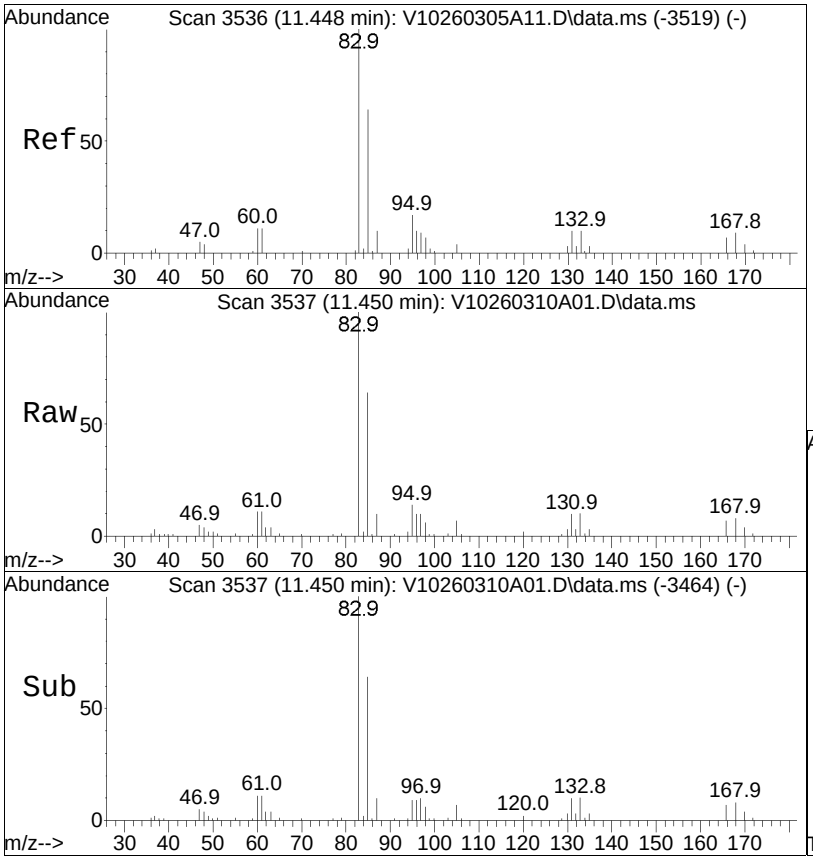


#85
n-Propylbenzene
Concen: 44.94 ug/L
RT: 11.367 min Scan# 3507
Delta R.T. 0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 91 Resp: 483856

Ion	Ratio	Lower	Upper
91	100		
120	24.7	18.7	28.1

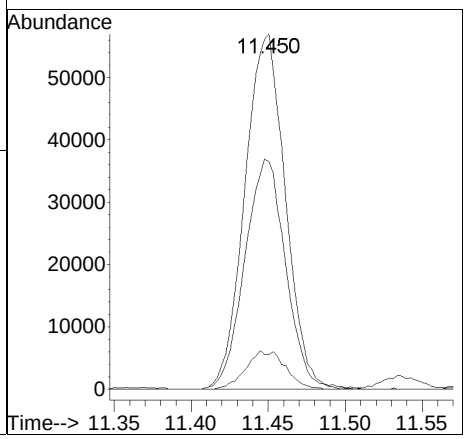


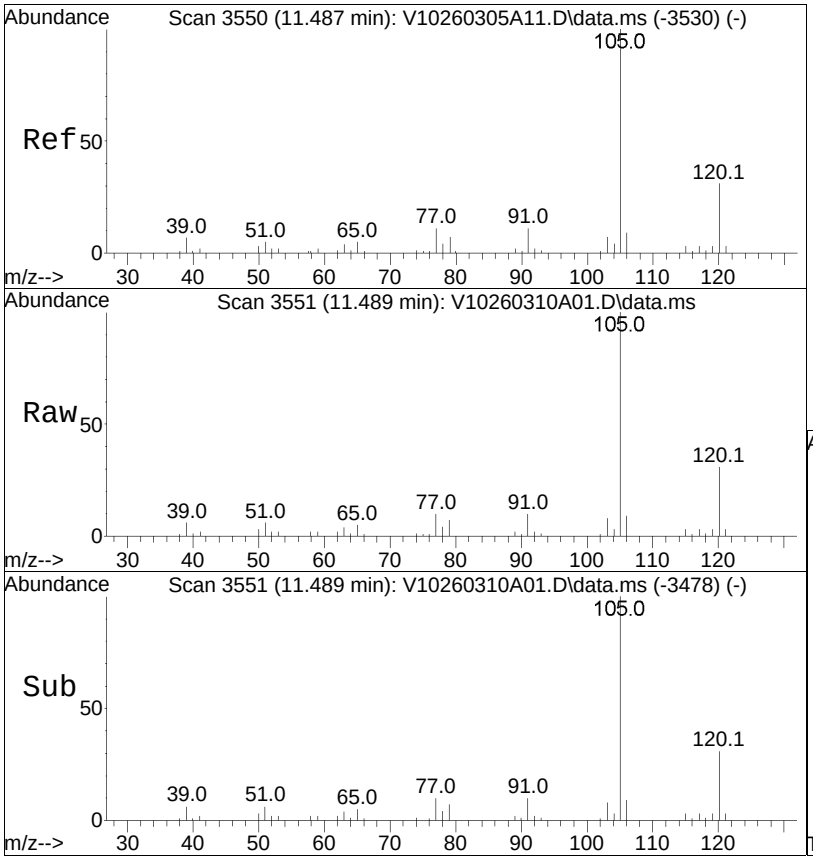


#87
1,1,2,2-Tetrachloroethane
Concen: 36.37 ug/L
RT: 11.450 min Scan# 3537
Delta R.T. 0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 83 Resp: 104101

Ion	Ratio	Lower	Upper
83	100		
131	10.7	0.0	29.3
85	65.6	42.1	82.1

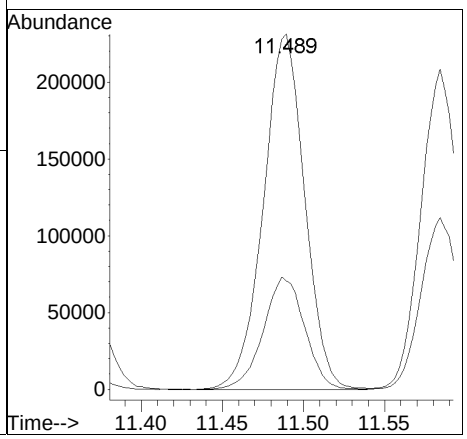


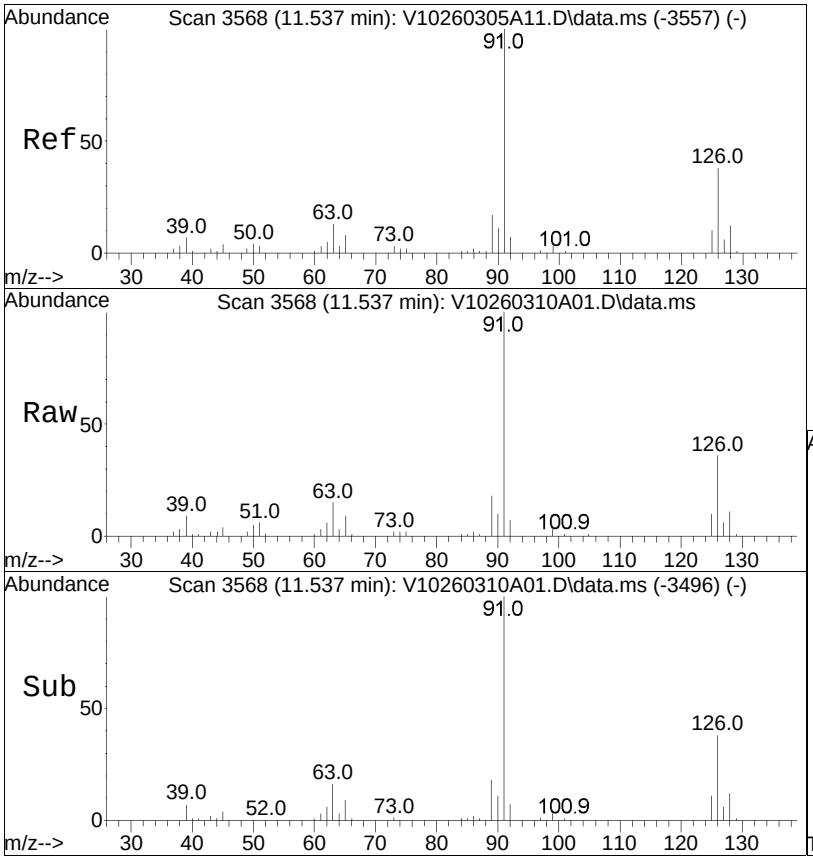


#88
4-Ethyltoluene
Concen: 44.22 ug/L
RT: 11.489 min Scan# 3551
Delta R.T. 0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:105 Resp: 409629

Ion	Ratio	Lower	Upper
105	100		
120	31.7	19.8	41.2

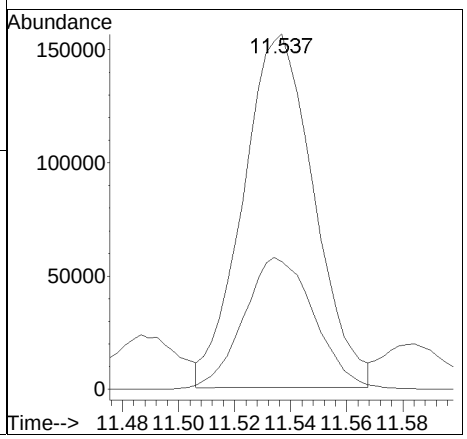


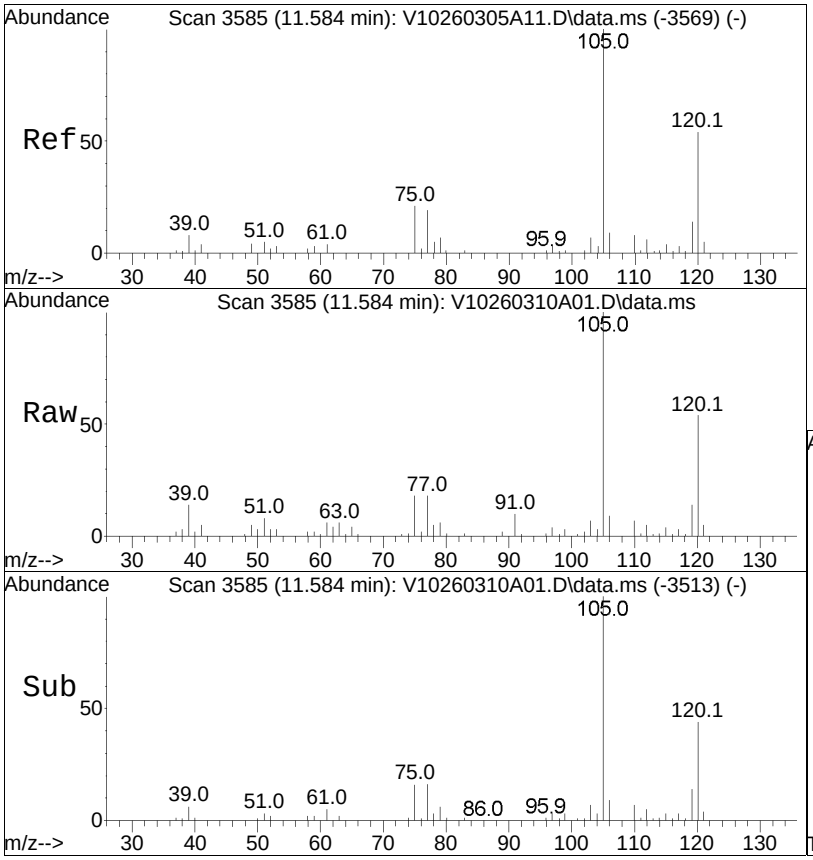


#89
2-Chlorotoluene
Concen: 41.62 ug/L
RT: 11.537 min Scan# 3568
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 91 Resp: 273585

Ion	Ratio	Lower	Upper
91	100		
126	37.5	25.9	38.9

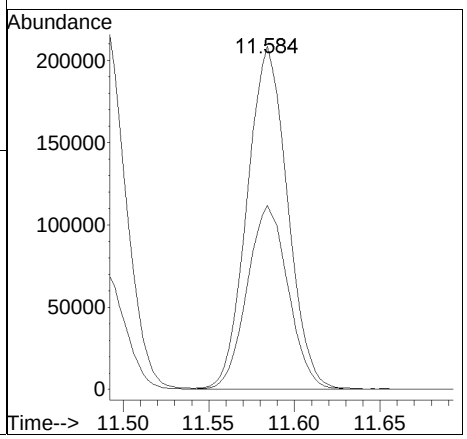


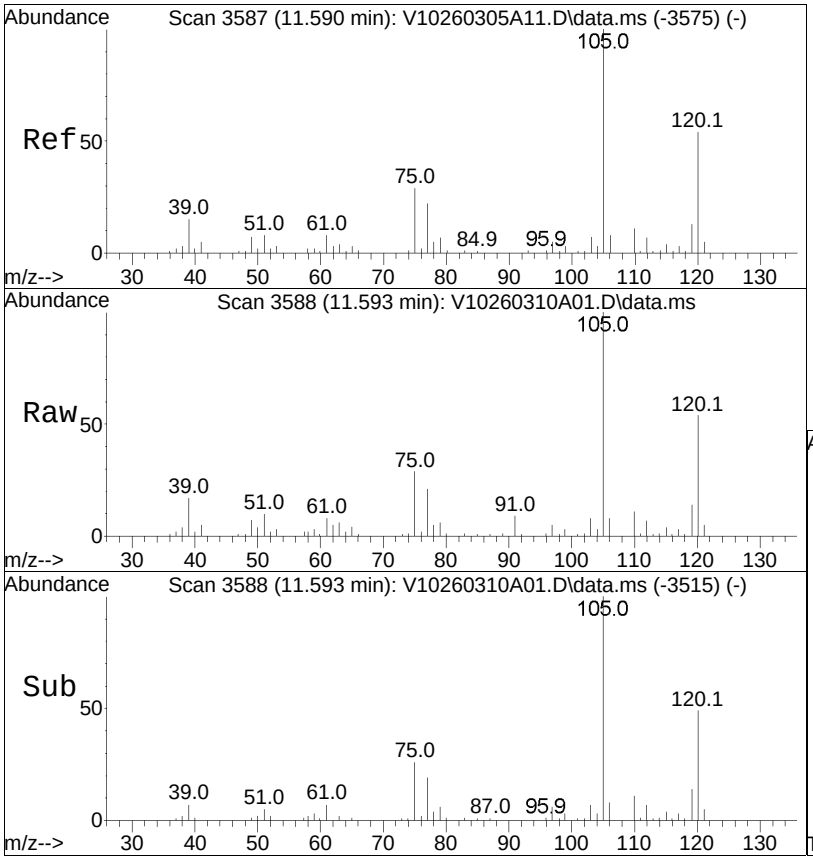


#90
1,3,5-Trimethylbenzene
Concen: 43.19 ug/L
RT: 11.584 min Scan# 3585
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:105 Resp: 342050

Ion	Ratio	Lower	Upper
105	100		
120	54.1	41.0	61.4

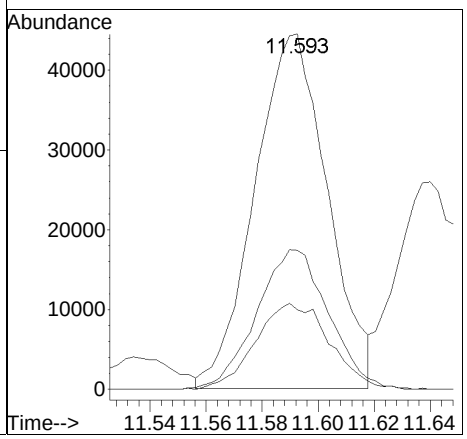


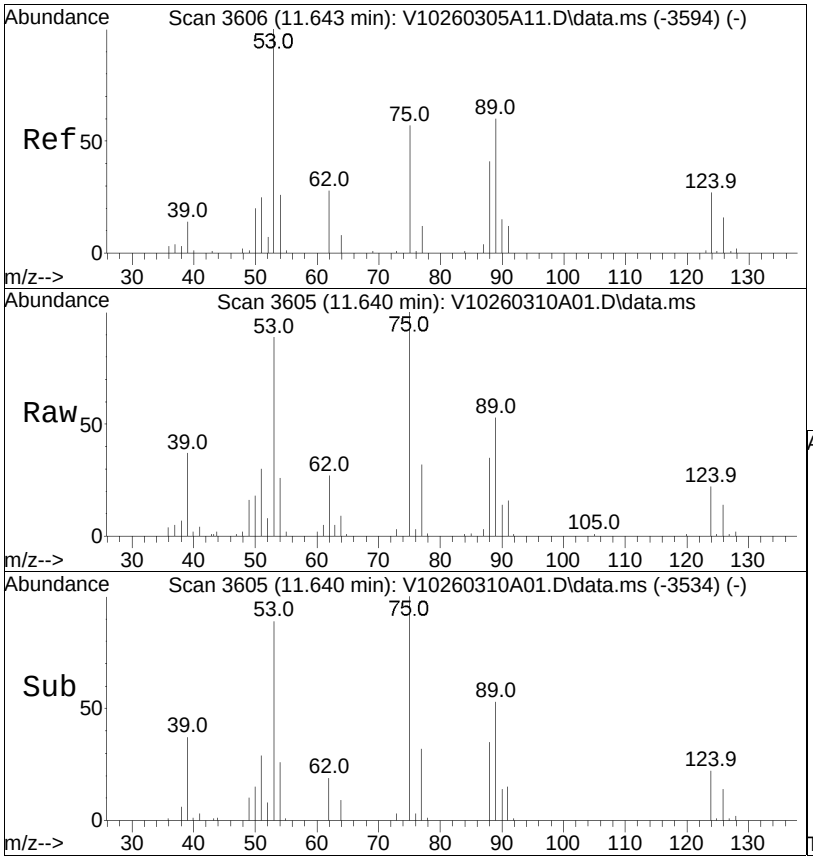


#91
1,2,3-Trichloropropane
Concen: 37.92 ug/L
RT: 11.593 min Scan# 3588
Delta R.T. 0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 75 Resp: 80118

Ion	Ratio	Lower	Upper
75	100		
110	39.0	24.3	50.5
112	24.8	16.0	33.2

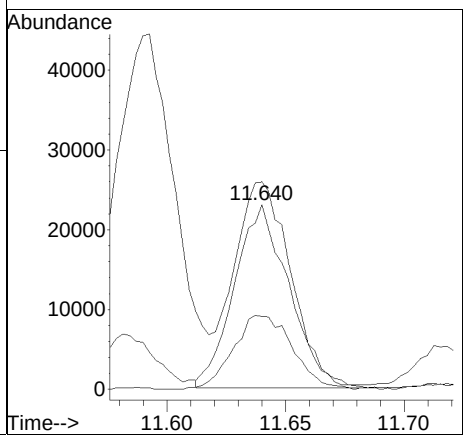


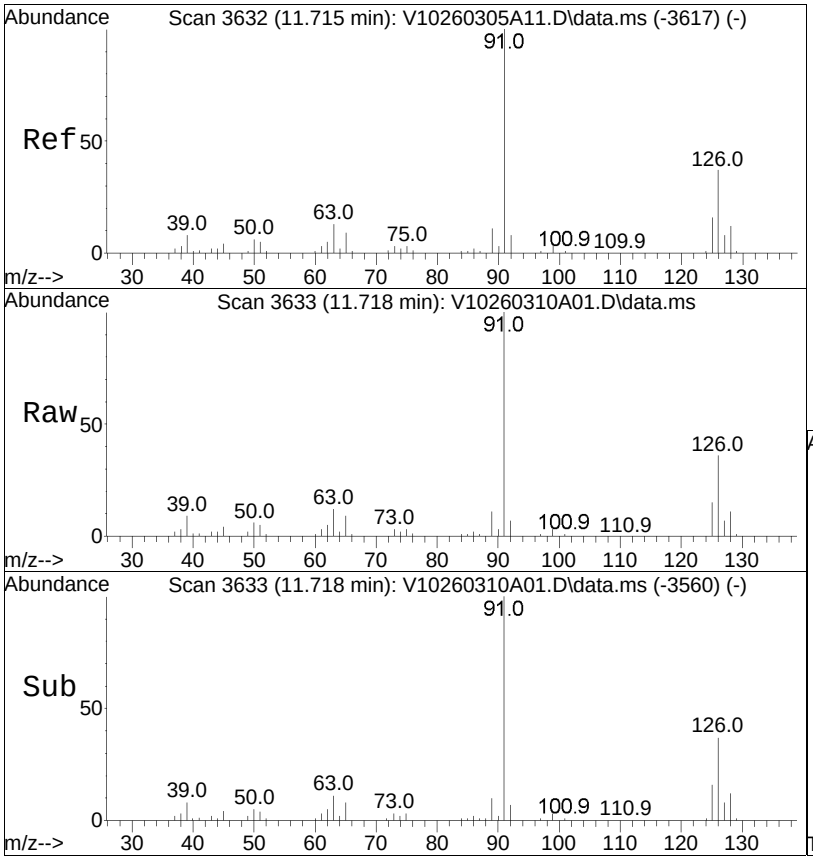


#92
trans-1,4-Dichloro-2-butene
Concen: 37.89 ug/L
RT: 11.640 min Scan# 3605
Delta R.T. -0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 53 Resp: 36527

Ion	Ratio	Lower	Upper
53	100		
88	44.1	39.1	58.7
75	119.9	101.6	152.4

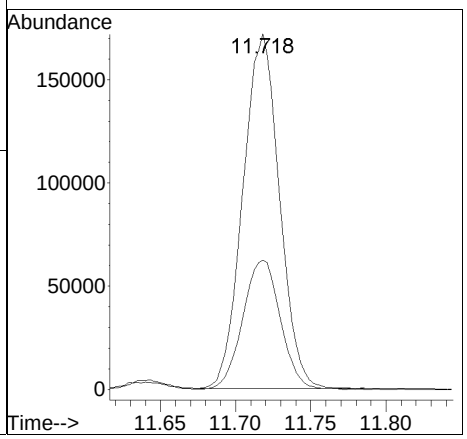


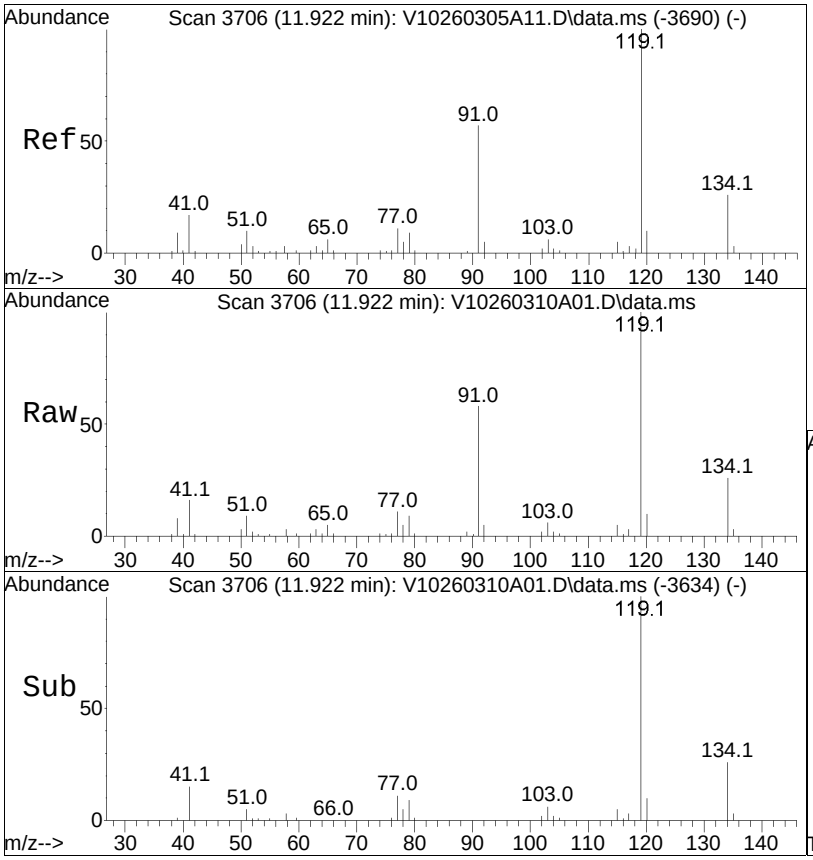


#93
4-Chlorotoluene
Concen: 42.44 ug/L
RT: 11.718 min Scan# 3633
Delta R.T. 0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 91 Resp: 290667

Ion	Ratio	Lower	Upper
91	100		
126	37.5	26.4	39.6

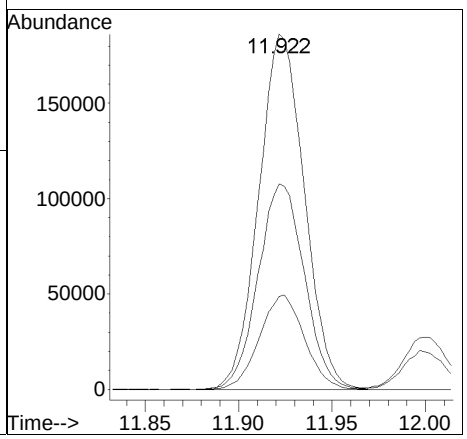


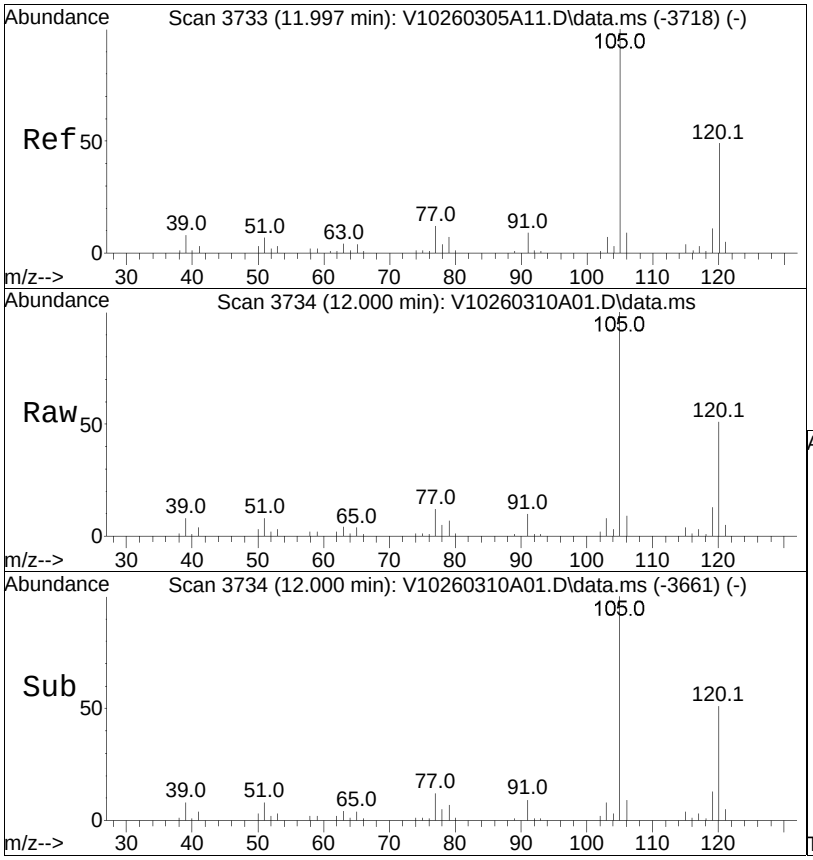


#94
tert-Butylbenzene
Concen: 44.69 ug/L
RT: 11.922 min Scan# 3706
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:119 Resp: 316191

Ion	Ratio	Lower	Upper
119	100		
91	58.6	49.0	73.4
134	26.2	20.0	30.0

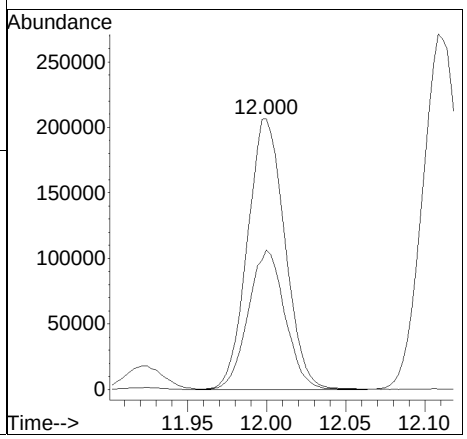


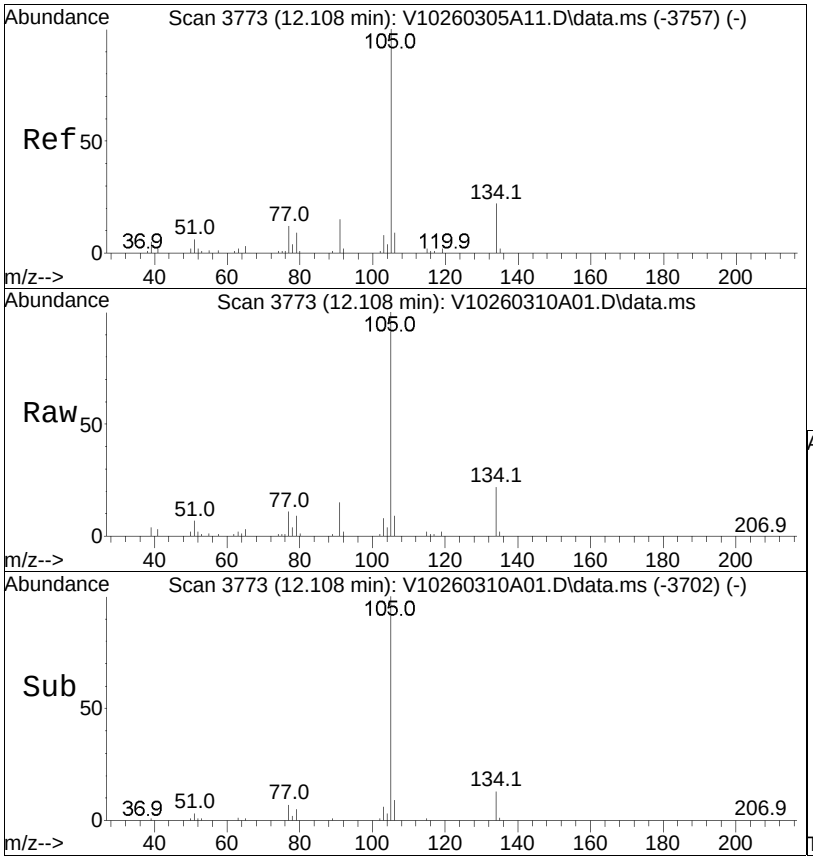


#97
1,2,4-Trimethylbenzene
Concen: 42.87 ug/L
RT: 12.000 min Scan# 3734
Delta R.T. 0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:105 Resp: 340258

Ion	Ratio	Lower	Upper
105	100		
120	50.4	37.8	56.6

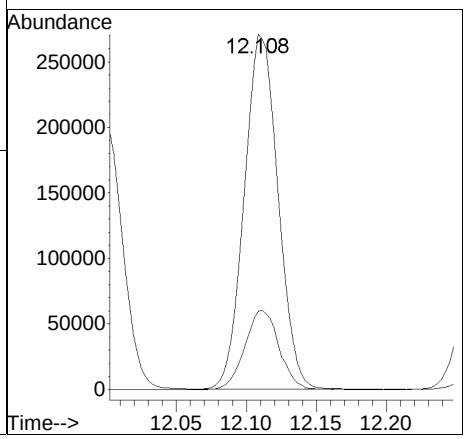


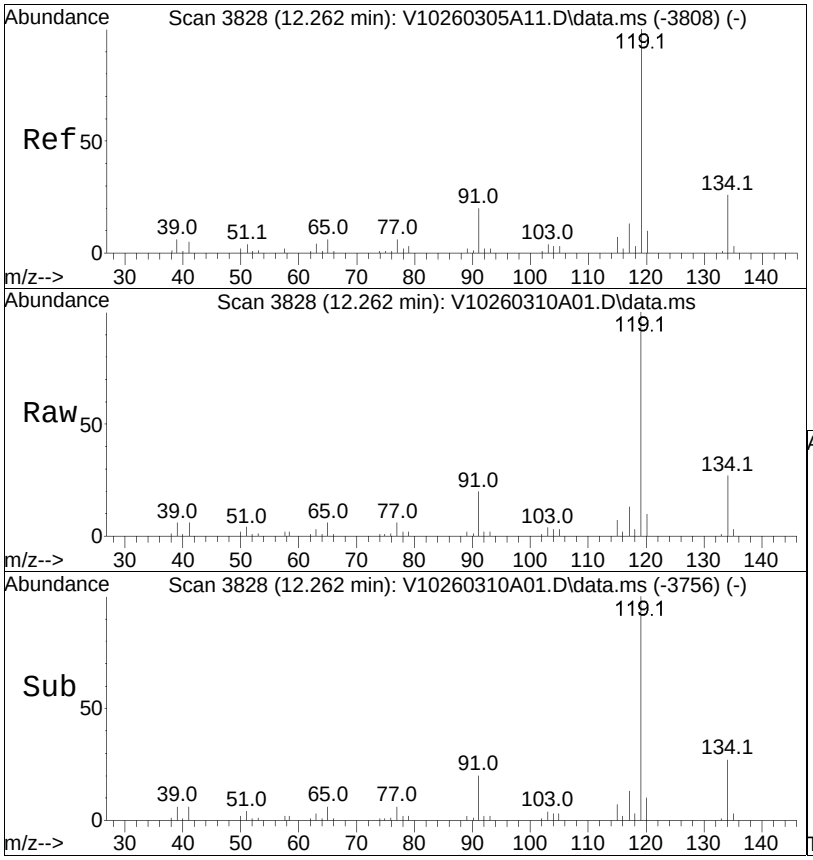


#98
sec-Butylbenzene
Concen: 45.33 ug/L
RT: 12.108 min Scan# 3773
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:105 Resp: 455093

Ion	Ratio	Lower	Upper
105	100		
134	22.4	13.0	27.0

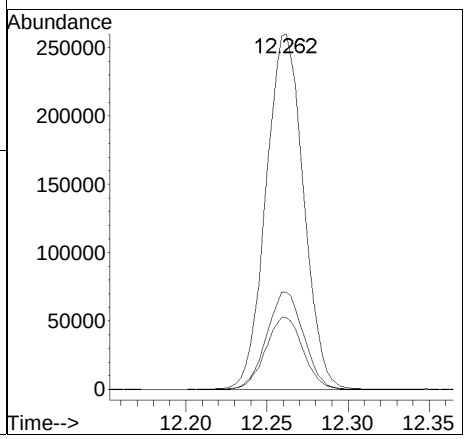


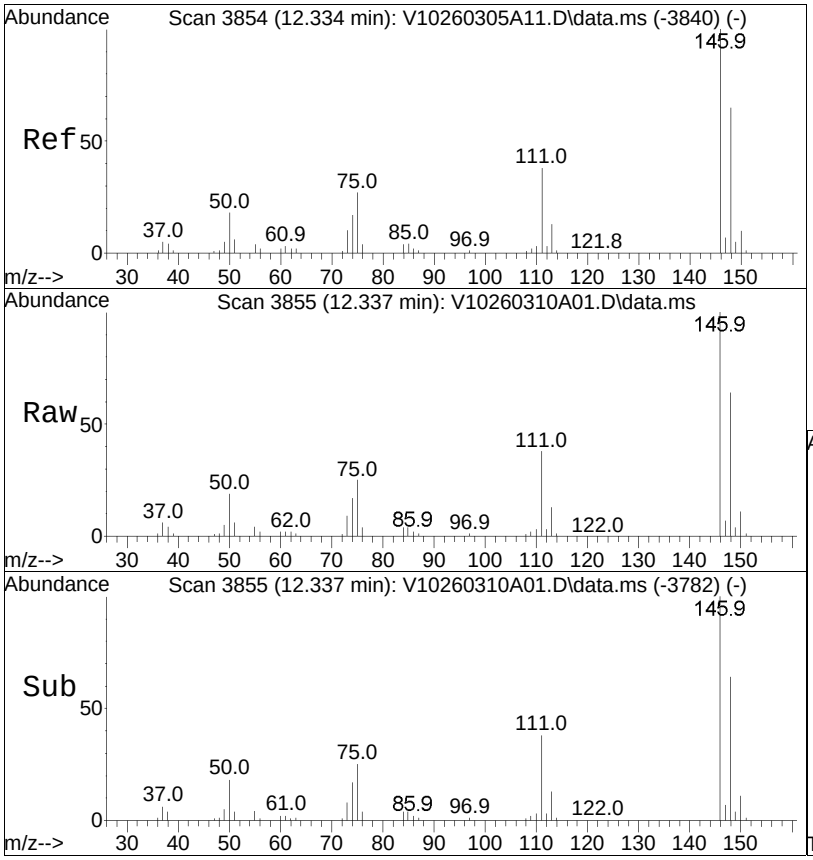


#99
p-Isopropyltoluene
Concen: 44.94 ug/L
RT: 12.262 min Scan# 3828
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:119 Resp: 418568

Ion	Ratio	Lower	Upper
119	100		
134	27.0	16.7	34.7
91	20.2	15.1	31.3

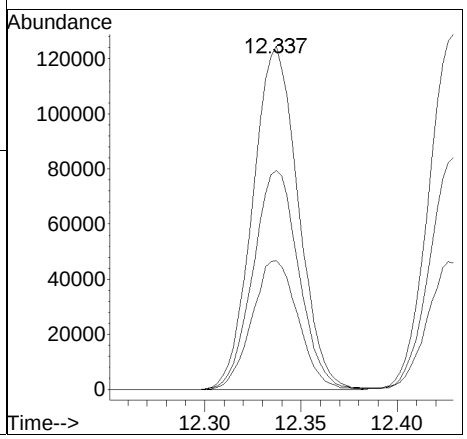


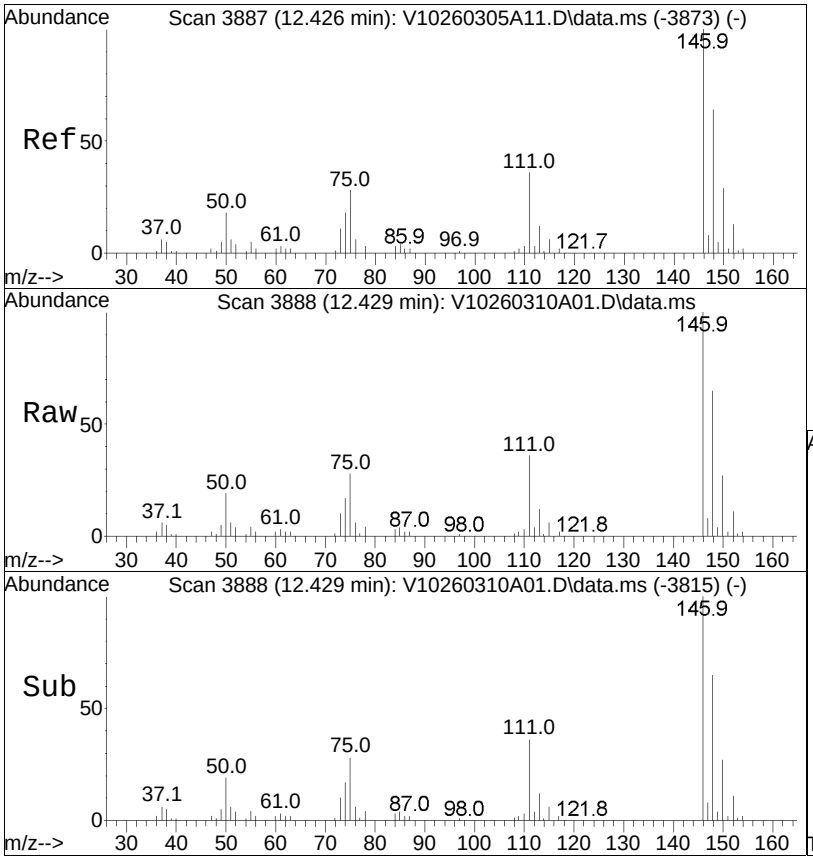


#100
1,3-Dichlorobenzene
Concen: 42.49 ug/L
RT: 12.337 min Scan# 3855
Delta R.T. 0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:146 Resp: 204680

Ion	Ratio	Lower	Upper
146	100		
111	38.0	26.5	55.1
148	64.1	41.5	86.1

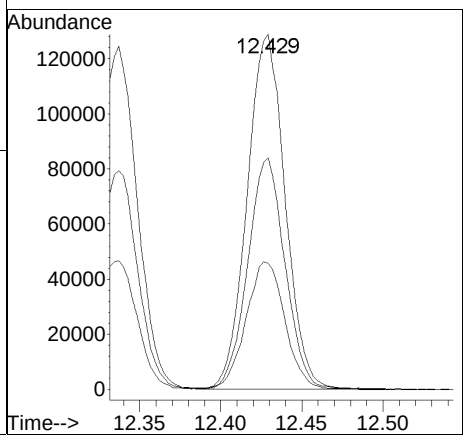


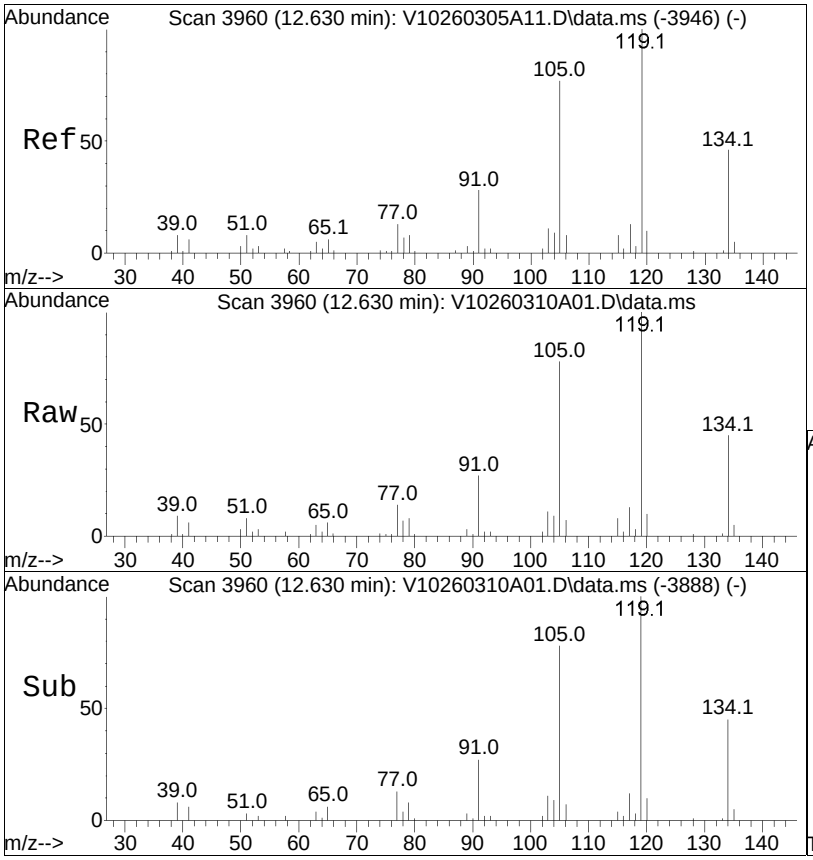


#101
1,4-Dichlorobenzene
Concen: 42.37 ug/L
RT: 12.429 min Scan# 3888
Delta R.T. 0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:146 Resp: 209241

Ion	Ratio	Lower	Upper
146	100		
111	37.0	30.8	46.2
148	64.4	50.6	76.0

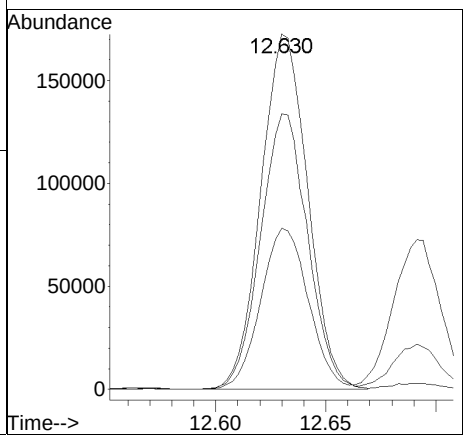


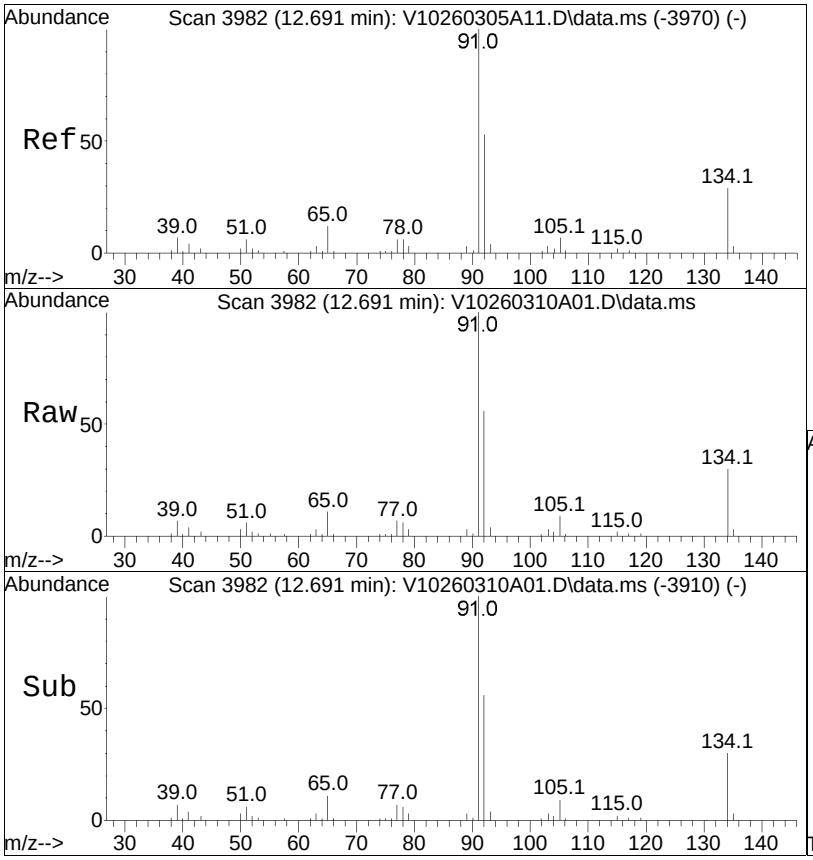


#102
p-Diethylbenzene
Concen: 44.74 ug/L
RT: 12.630 min Scan# 3960
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:119 Resp: 255432

Ion	Ratio	Lower	Upper
119	100		
105	77.8	55.5	115.3
134	46.2	30.4	63.0

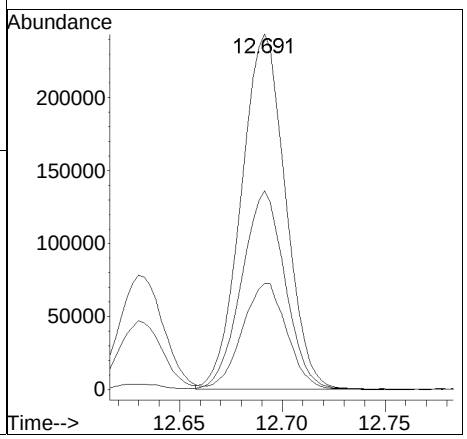


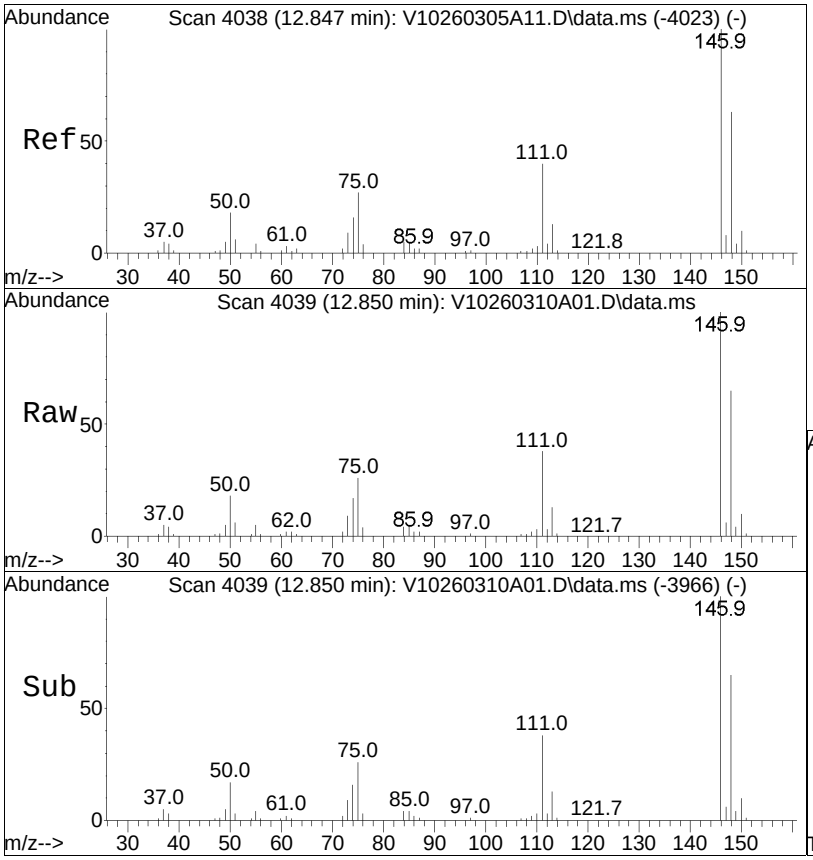


#103
n-Butylbenzene
Concen: 45.59 ug/L
RT: 12.691 min Scan# 3982
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion: 91 Resp: 364677

Ion	Ratio	Lower	Upper
91	100		
92	55.2	43.1	64.7
134	30.1	21.2	31.8

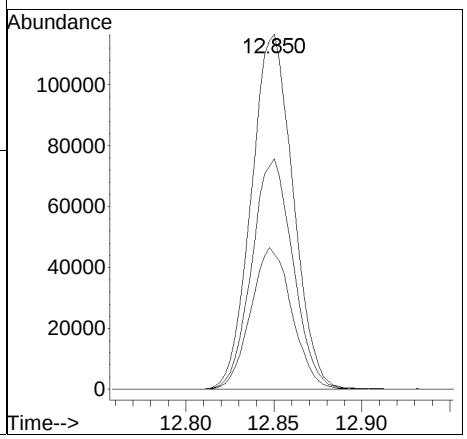


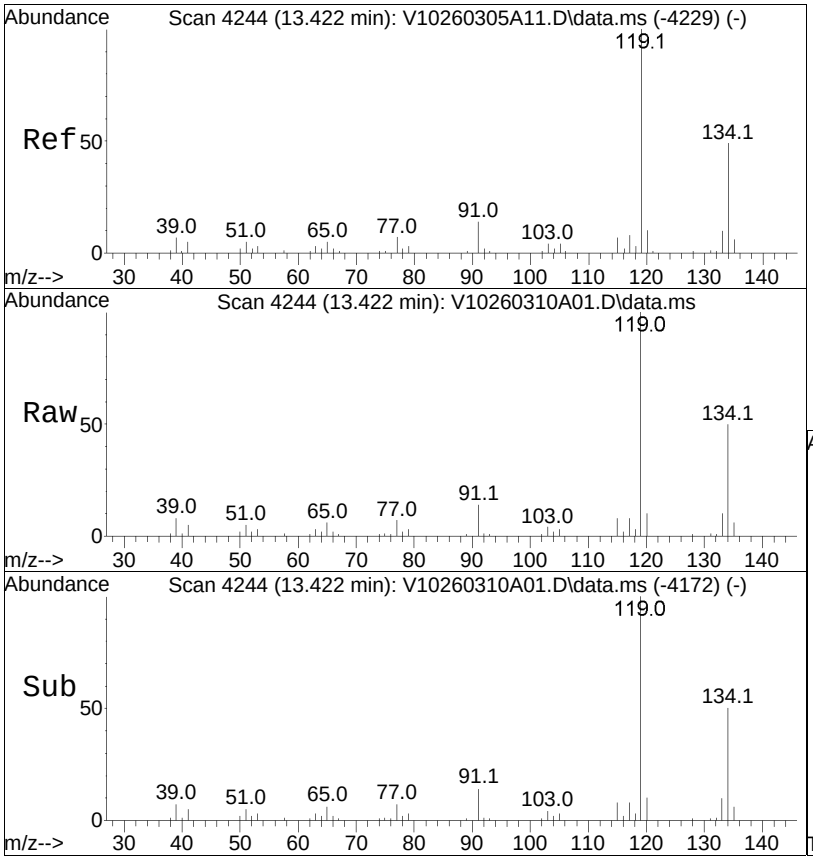


#104
1,2-Dichlorobenzene
Concen: 41.70 ug/L
RT: 12.850 min Scan# 4039
Delta R.T. 0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:146 Resp: 192598

Ion	Ratio	Lower	Upper
146	100		
111	39.5	26.8	55.8
148	64.1	41.3	85.7

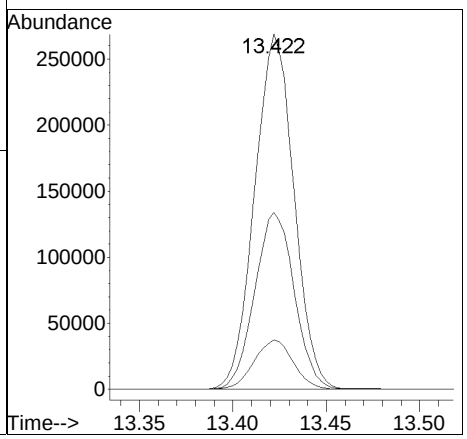


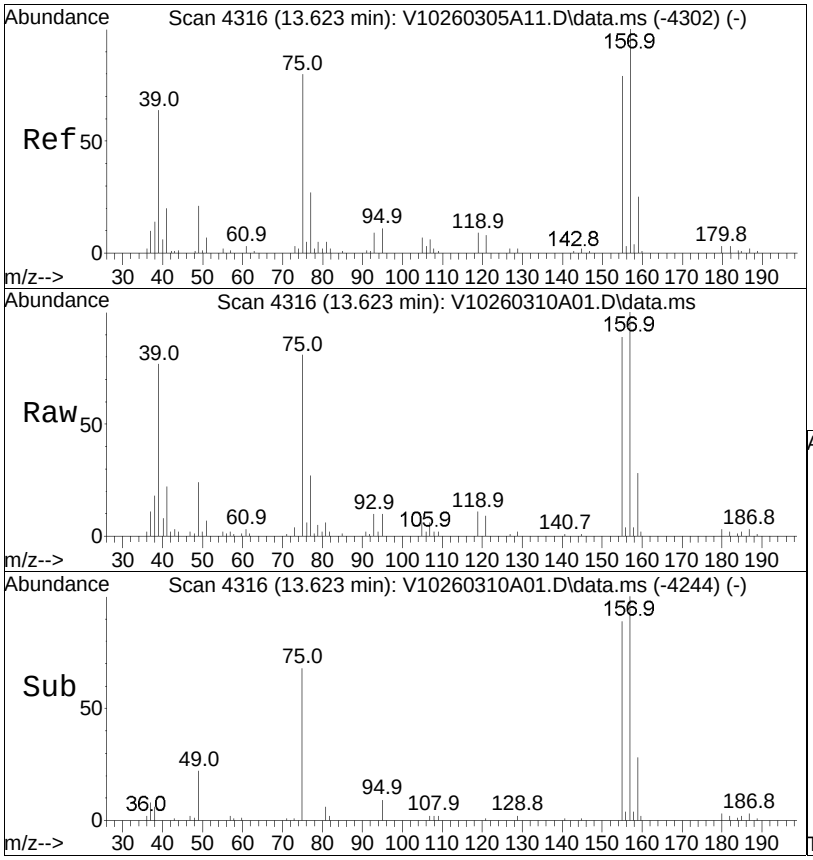


#105
1,2,4,5-Tetramethylbenzene
Concen: 43.34 ug/L
RT: 13.422 min Scan# 4244
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:119 Resp: 393704

Ion	Ratio	Lower	Upper
119	100		
134	50.2	30.0	62.2
91	13.9	10.3	21.3

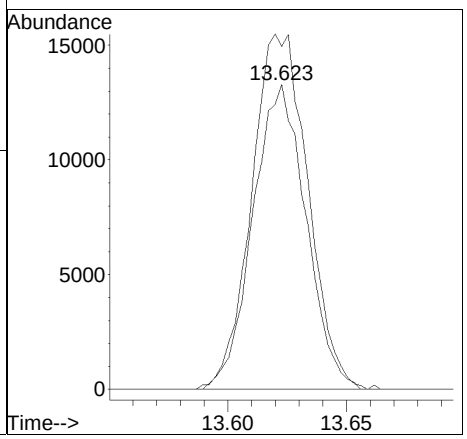


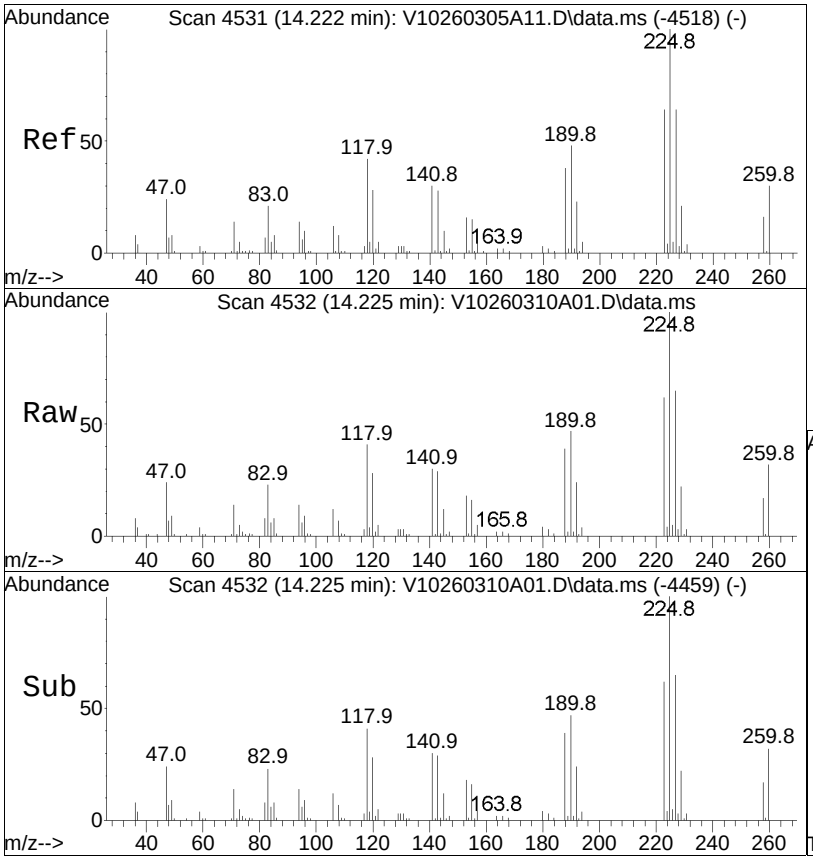


#106
1,2-Dibromo-3-chloropropane
Concen: 37.84 ug/L
RT: 13.623 min Scan# 4316
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:155 Resp: 20721

Ion	Ratio	Lower	Upper
155	100		
157	123.5	98.7	148.1

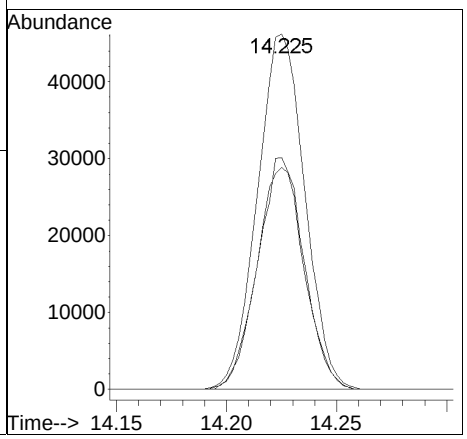


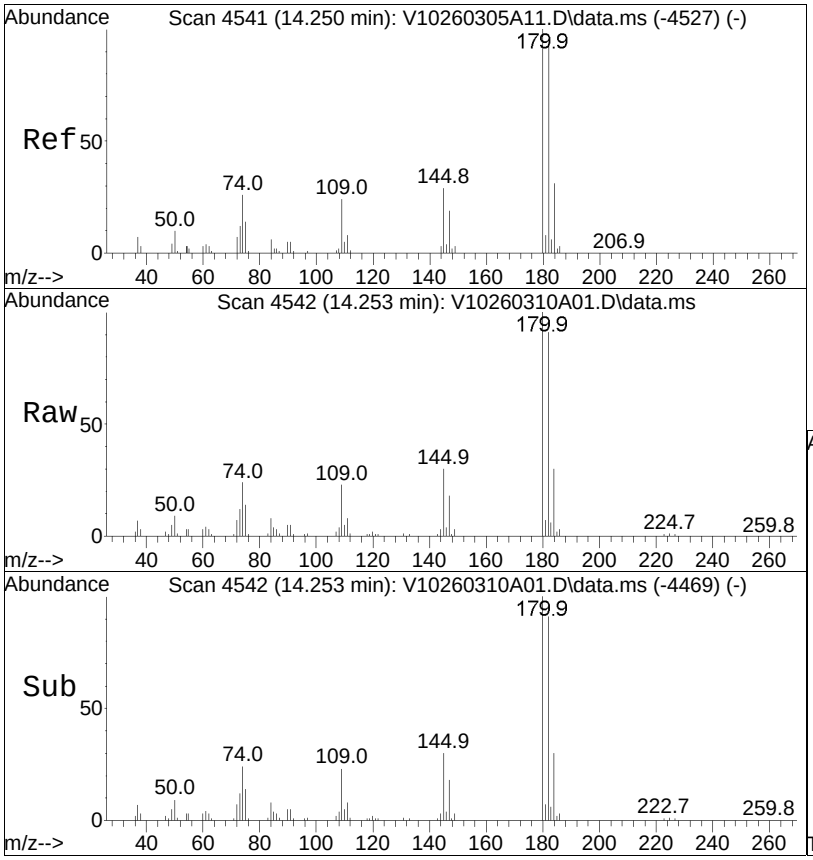


#108
Hexachlorobutadiene
Concen: 46.75 ug/L
RT: 14.225 min Scan# 4532
Delta R.T. 0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:225 Resp: 69262

Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.1	76.7
227	64.0	51.9	77.9

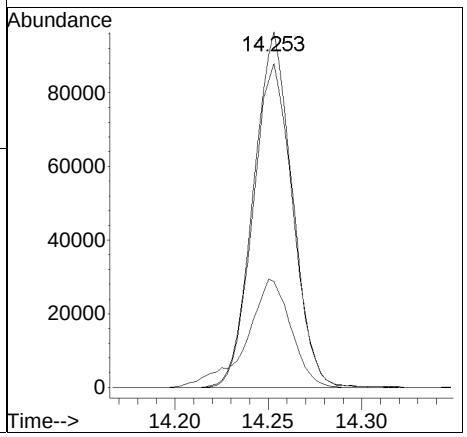


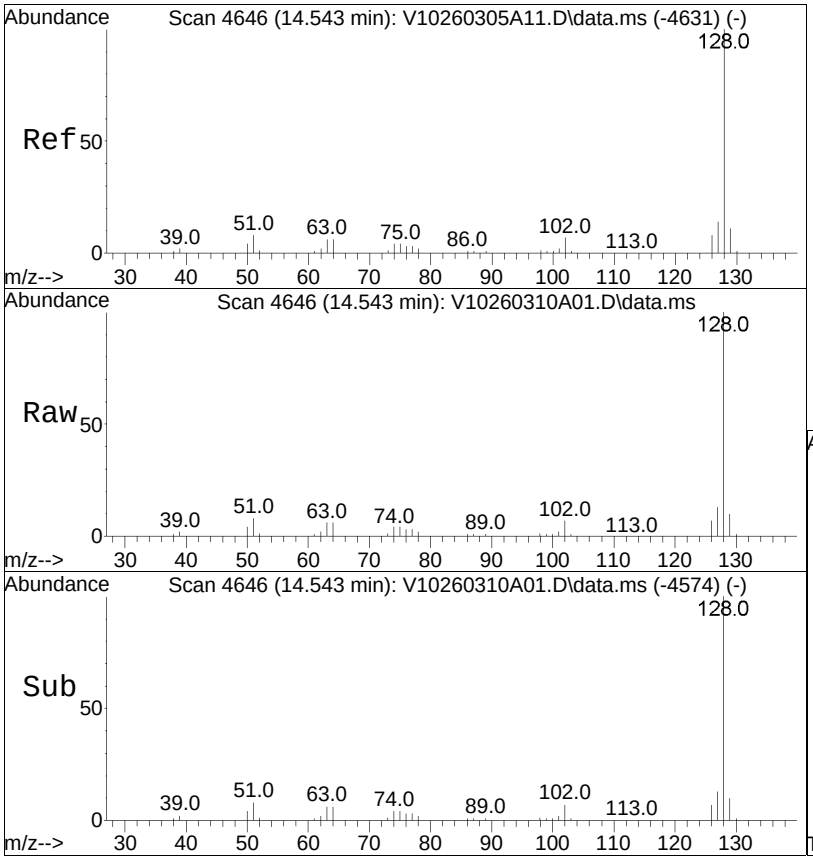


#109
1,2,4-Trichlorobenzene
Concen: 42.87 ug/L
RT: 14.253 min Scan# 4542
Delta R.T. 0.003 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:180 Resp: 139507

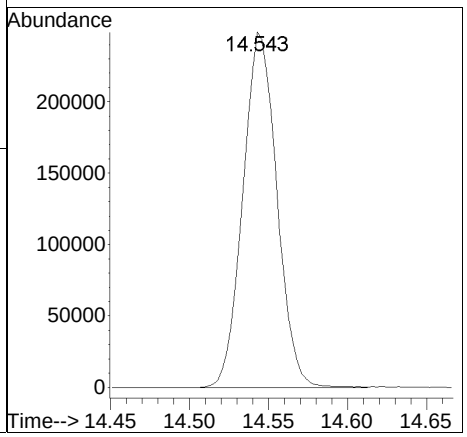
Ion	Ratio	Lower	Upper
180	100		
182	93.6	77.1	115.7
145	34.9	26.6	39.8

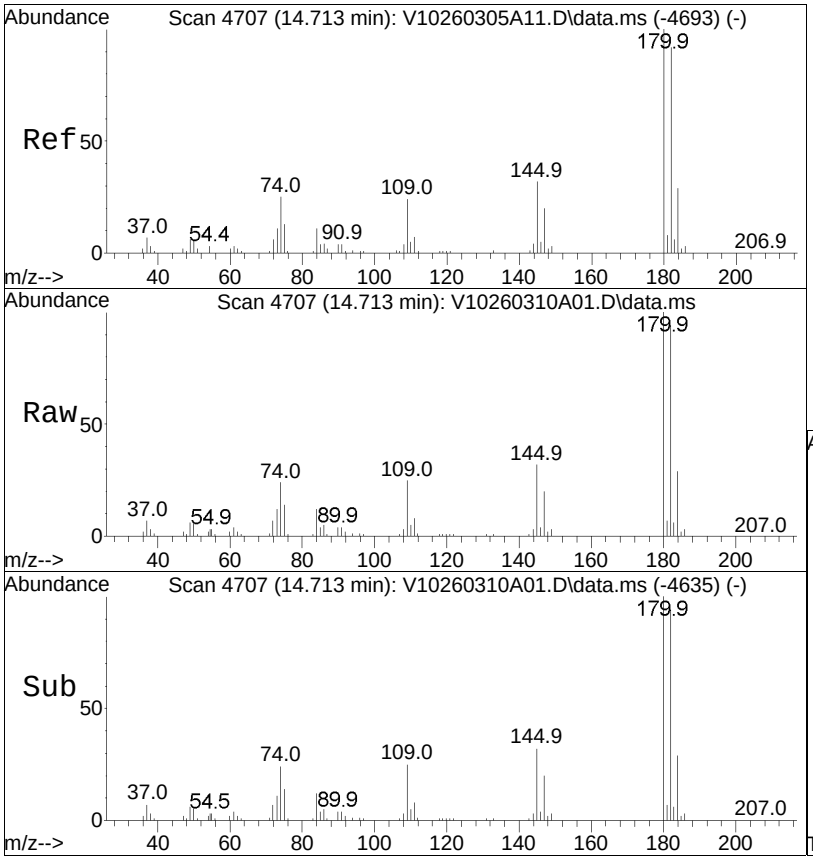




#110
Naphthalene
Concen: 39.44 ug/L
RT: 14.543 min Scan# 4646
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:128 Resp: 371647

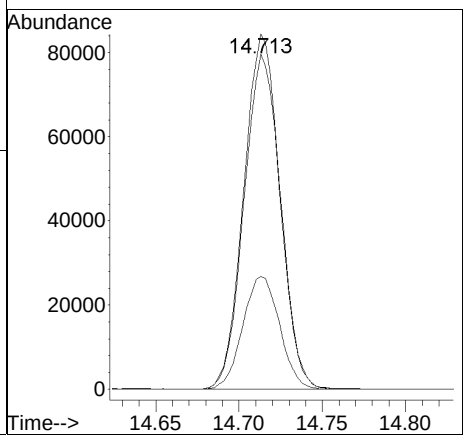




#111
1,2,3-Trichlorobenzene
Concen: 41.35 ug/L
RT: 14.713 min Scan# 4707
Delta R.T. -0.000 min
Lab File: V10260310A01.D
Acq: 10 Mar 2026 1:16 pm

Tgt Ion:180 Resp: 128273

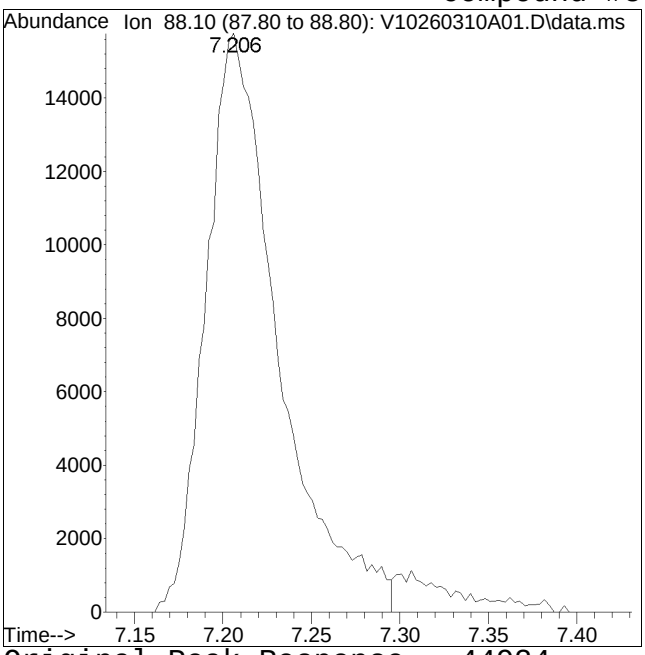
Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.3	114.5
145	32.2	28.1	42.1



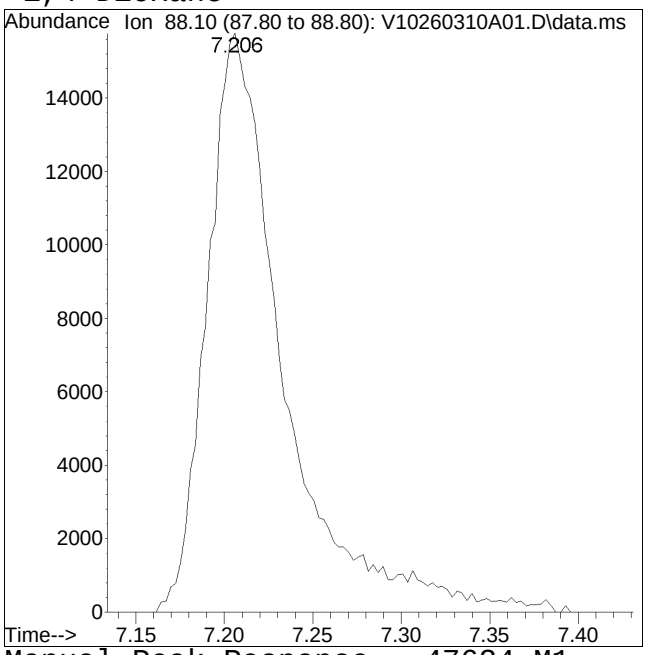
Manual Integration Report

Data Path	: K:\VOA110\2026\260310A\	QMethod	: V110_260305A_8260.m
Data File	: V10260310A01.D	Operator	: VOA110:AJK
Date Inj'd	: 3/10/2026 1:16 pm	Instrument	: VOA110
Sample	: WG2183801-3,31,5,5	Quant Date	: 3/10/2026 1:40 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 44924



Manual Peak Response = 47624 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A03.D
Acq On : 10 Mar 2026 08:27 am
Operator : VOA111:MNF
Sample : WG2183467-4,31H,5,5,0.100
Misc : WG2183467,ICAL22987
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 10 12:08:44 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.204	96	173456	20.000	ug/L	0.00
Standard Area 1 = 173144			Recovery = 100.18%			
59) Chlorobenzene-d5	9.771	117	176663	20.000	ug/L	0.00
Standard Area 1 = 127198			Recovery = 138.89%			
79) 1,4-Dichlorobenzene-d4	12.428	152	85019	20.000	ug/L	0.00
Standard Area 1 = 64537			Recovery = 131.74%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.376	113	45441	21.010	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.05%			
43) 1,2-Dichloroethane-d4	5.911	65	48418	23.599	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 118.00%			
60) Toluene-d8	7.911	98	172518	15.121	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 75.61%			
83) 4-Bromofluorobenzene	11.240	95	89257	22.943	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 114.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.661	85	96688	46.404	ug/L	98
3) Chloromethane	1.873	50	112814	50.161	ug/L	97
4) Vinyl chloride	1.940	62	136813	54.957	ug/L	98
5) Bromomethane	2.275	94	85054	44.582	ug/L	100
6) Chloroethane	2.403	64	71315	47.614	ug/L	98
7) Trichlorofluoromethane	2.551	101	141738	49.347	ug/L	100
8) Ethyl ether	2.866	74	48216	40.115	ug/L	75
10) 1,1-Dichloroethene	3.070	96	77486	43.876	ug/L	90
11) Carbon disulfide	3.103	76	275870	41.576	ug/L	100
15) Methylene chloride	3.641	84	92728	38.752	ug/L	76
17) Acetone	3.680	43	21451	37.825	ug/L	100
18) trans-1,2-Dichloroethene	3.806	96	88078	42.295	ug/L	89
20) Methyl tert-butyl ether	3.898	73	245980	38.335	ug/L	90
23) 1,1-Dichloroethane	4.397	63	171467	44.938	ug/L	97
25) Acrylonitrile	4.447	53	17013	30.480	ug/L #	89
27) Vinyl acetate	4.637	43	155853	31.406	ug/L #	96
28) cis-1,2-Dichloroethene	4.932	96	97090	40.839	ug/L	88
29) 2,2-Dichloropropane	5.033	77	137622	44.330	ug/L	96
30) Bromochloromethane	5.125	128	44303	39.355	ug/L #	75
32) Chloroform	5.194	83	173670	43.376	ug/L	98

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A03.D
Acq On : 10 Mar 2026 08:27 am
Operator : VOA111:MNF
Sample : WG2183467-4,31H,5,5,0.100
Misc : WG2183467,ICAL22987
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 10 12:08:44 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	5.345	117	132844	46.093	ug/L		97
37) 1,1,1-Trichloroethane	5.409	97	147094	46.320	ug/L		98
39) 2-Butanone	5.498	43	24682M1	39.523	ug/L		
40) 1,1-Dichloropropene	5.535	75	119408	47.053	ug/L		98
41) Benzene	5.777	78	349120	42.270	ug/L		92
44) 1,2-Dichloroethane	5.984	62	123234	43.487	ug/L		98
48) Trichloroethene	6.385	95	98369	44.114	ug/L		95
50) Dibromomethane	6.831	93	53659	39.038	ug/L		92
51) 1,2-Dichloropropane	6.932	63	94230	42.565	ug/L		96
54) Bromodichloromethane	7.002	83	128682	41.549	ug/L		99
57) 1,4-Dioxane	7.219	88	27877M1	1940.552	ug/L		
58) cis-1,3-Dichloropropene	7.702	75	143787	40.596	ug/L		94
61) Toluene	7.972	92	216930	29.728	ug/L		96
62) 4-Methyl-2-pentanone	8.399	58	21491	23.509	ug/L	#	95
63) Tetrachloroethene	8.427	166	88282	30.147	ug/L		94
65) trans-1,3-Dichloropropene	8.452	75	125383	28.784	ug/L		85
68) 1,1,2-Trichloroethane	8.636	83	63731	29.048	ug/L		98
69) Chlorodibromomethane	8.856	129	120760	37.508	ug/L		96
70) 1,3-Dichloropropane	8.965	76	189100	43.540	ug/L		99
71) 1,2-Dibromoethane	9.138	107	86403	35.337	ug/L		100
72) 2-Hexanone	9.428	43	56604M1	42.486	ug/L		
73) Chlorobenzene	9.793	112	343504	40.880	ug/L	#	81
74) Ethylbenzene	9.829	91	625484	44.550	ug/L		97
75) 1,1,1,2-Tetrachloroethane	9.871	131	123232	38.403	ug/L		99
76) p/m Xylene	10.013	106	455729	85.968	ug/L		89
77) o Xylene	10.546	106	447914	82.792	ug/L		91
78) Styrene	10.610	104	737669	81.362	ug/L		96
80) Bromoform	10.635	173	67552	35.564	ug/L		100
82) Isopropylbenzene	10.920	105	602221	47.534	ug/L		97
84) Bromobenzene	11.352	156	130497	38.357	ug/L		100
85) n-Propylbenzene	11.391	91	744972	50.286	ug/L		96
87) 1,1,2,2-Tetrachloroethane	11.466	83	126445	41.506	ug/L		99
88) 4-Ethyltoluene	11.514	105	594636	47.589	ug/L		97
89) 2-Chlorotoluene	11.555	91	430291	47.676	ug/L		97
90) 1,3,5-Trimethylbenzene	11.608	105	509050	46.632	ug/L		96
91) 1,2,3-Trichloropropane	11.608	75	103832	44.360	ug/L		97
92) trans-1,4-Dichloro-2-b...	11.656	53	36037	42.164	ug/L		91
93) 4-Chlorotoluene	11.737	91	453702	48.363	ug/L		93
94) tert-Butylbenzene	11.943	119	422802	46.275	ug/L		94

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A03.D
Acq On : 10 Mar 2026 08:27 am
Operator : VOA111:MNF
Sample : WG2183467-4,31H,5,5,0.100
Misc : WG2183467,ICAL22987
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 10 12:08:44 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.021	105	494424	45.951	ug/L	96
98) sec-Butylbenzene	12.133	105	650666	48.288	ug/L	97
99) p-Isopropyltoluene	12.281	119	545703	46.368	ug/L	97
100) 1,3-Dichlorobenzene	12.356	146	258971	40.815	ug/L	97
101) 1,4-Dichlorobenzene	12.445	146	258985	38.778	ug/L	98
102) p-Diethylbenzene	12.651	119	315916	45.194	ug/L	97
103) n-Butylbenzene	12.707	91	526739	49.583	ug/L	98
104) 1,2-Dichlorobenzene	12.863	146	240242	40.188	ug/L	97
105) 1,2,4,5-Tetramethylben...	13.435	119	454710	42.633	ug/L	96
106) 1,2-Dibromo-3-chloropr...	13.633	155	15341	33.695	ug/L	95
108) Hexachlorobutadiene	14.235	225	82730	41.509	ug/L	99
109) 1,2,4-Trichlorobenzene	14.263	180	130690	36.557	ug/L	98
110) Naphthalene	14.556	128	237074	35.399	ug/L	100
111) 1,2,3-Trichlorobenzene	14.723	180	95907	34.859	ug/L	97

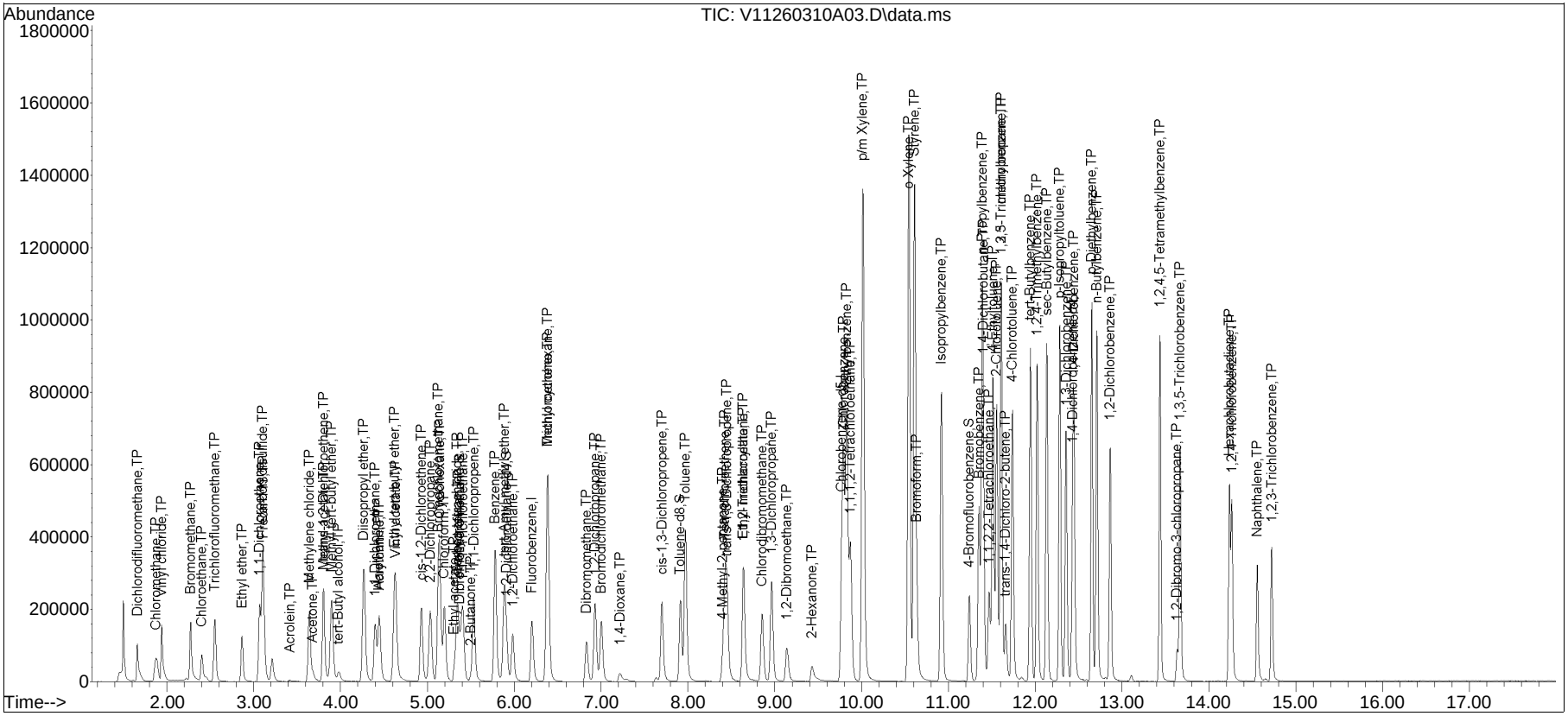
(#) = qualifier out of range (m) = manual integration (+) = signals summed

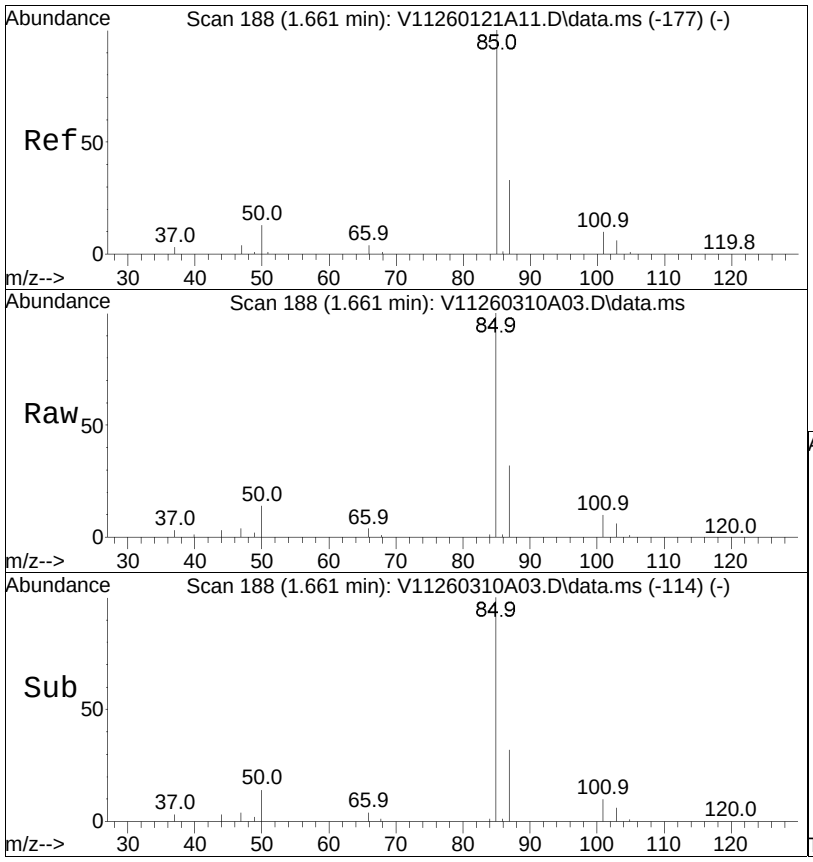
Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A03.D
Acq On : 10 Mar 2026 08:27 am
Operator : VOA111:MNF
Sample : WG2183467-4,31H,5,5,0.100
Misc : WG2183467,ICAL22987
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 10 12:08:44 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

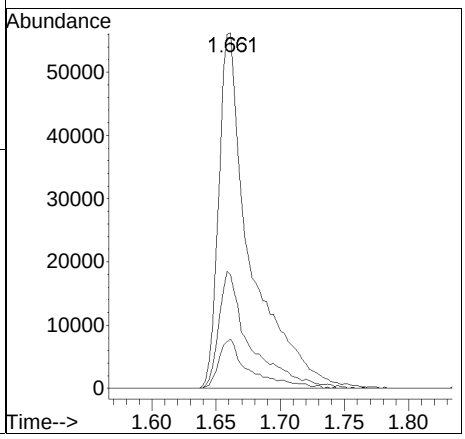


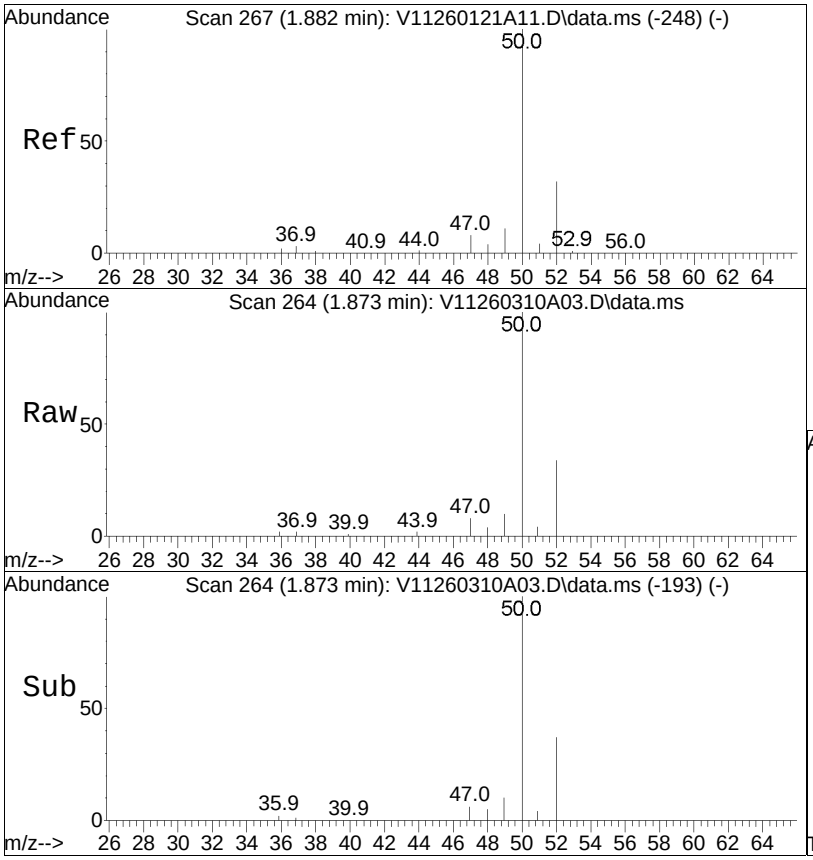


#2
Dichlorodifluoromethane
Concen: 46.40 ug/L
RT: 1.661 min Scan# 188
Delta R.T. 0.005 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 85 Resp: 96688

Ion	Ratio	Lower	Upper
85	100		
87	32.8	20.7	43.1
50	13.6	9.8	20.3

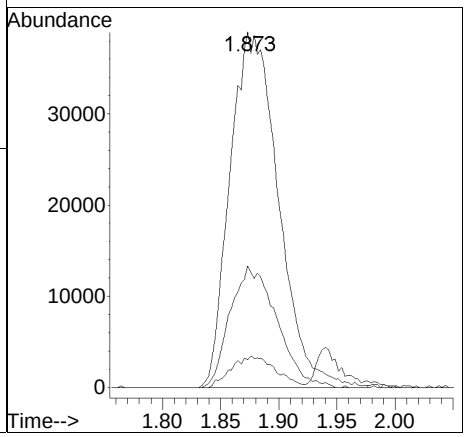


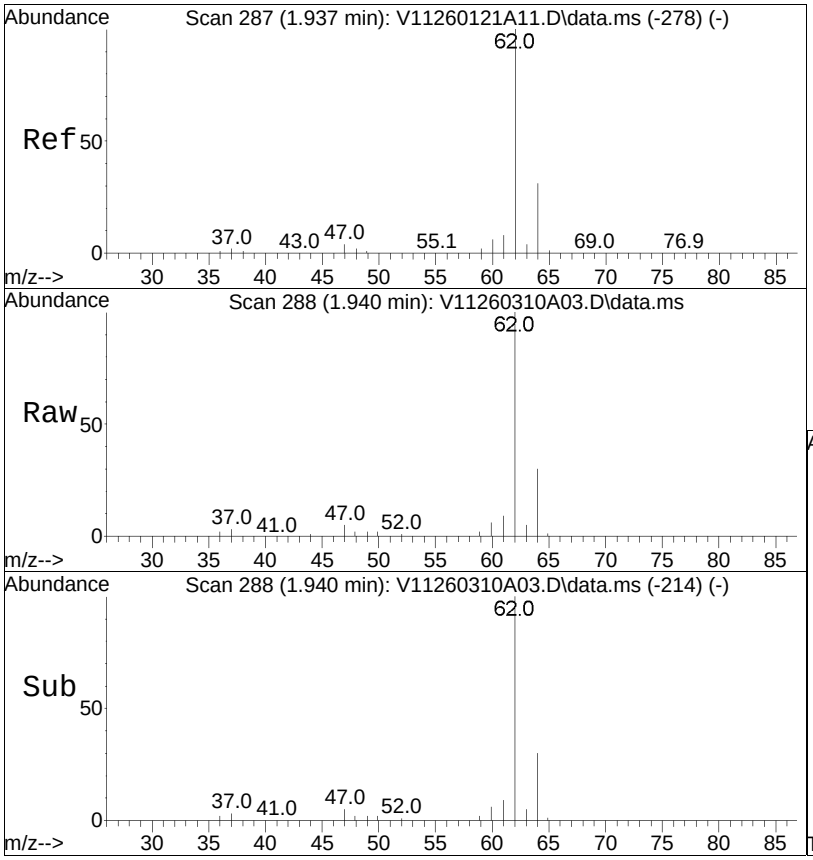


#3
Chloromethane
Concen: 50.16 ug/L
RT: 1.873 min Scan# 264
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 50 Resp: 112814

Ion	Ratio	Lower	Upper
50	100		
52	32.7	10.9	50.9
47	8.0	0.0	27.2

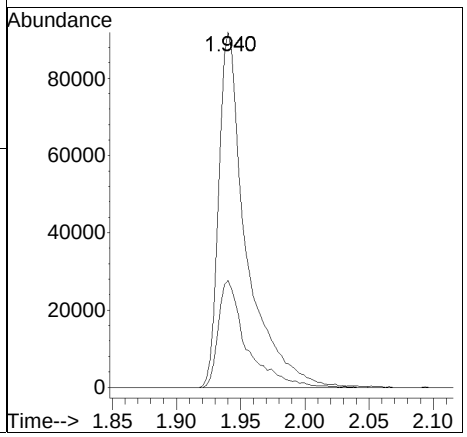


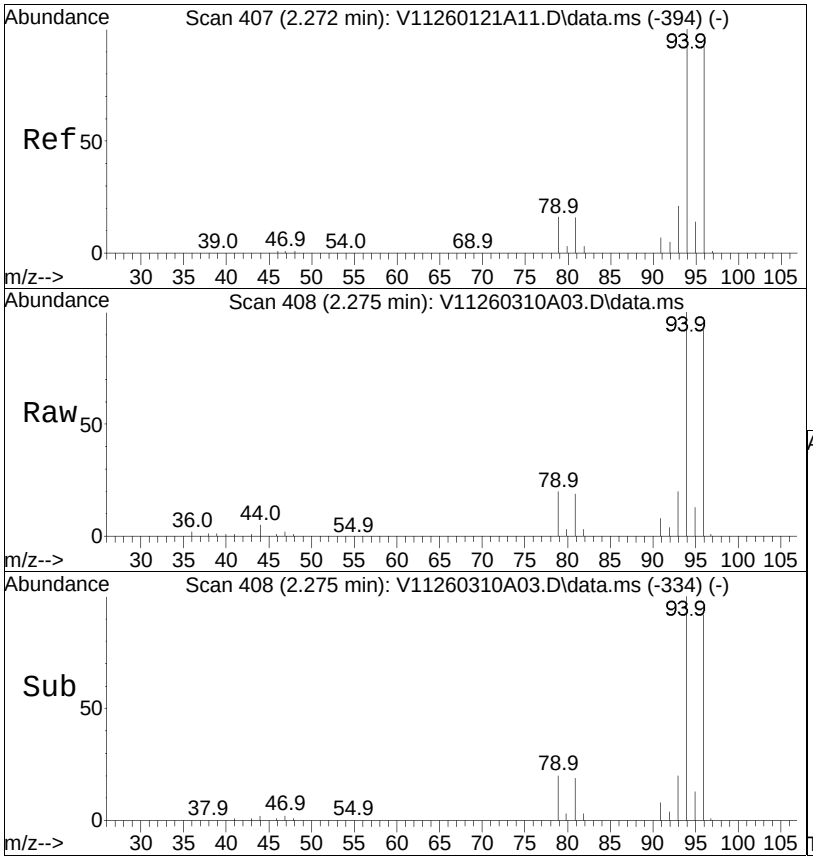


#4
Vinyl chloride
Concen: 54.96 ug/L
RT: 1.940 min Scan# 288
Delta R.T. 0.005 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 62 Resp: 136813

Ion	Ratio	Lower	Upper
62	100		
64	31.1	9.9	49.9

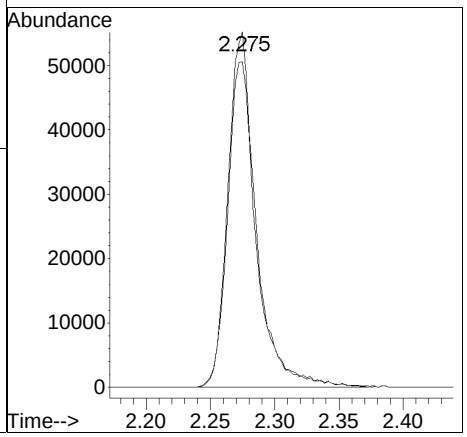


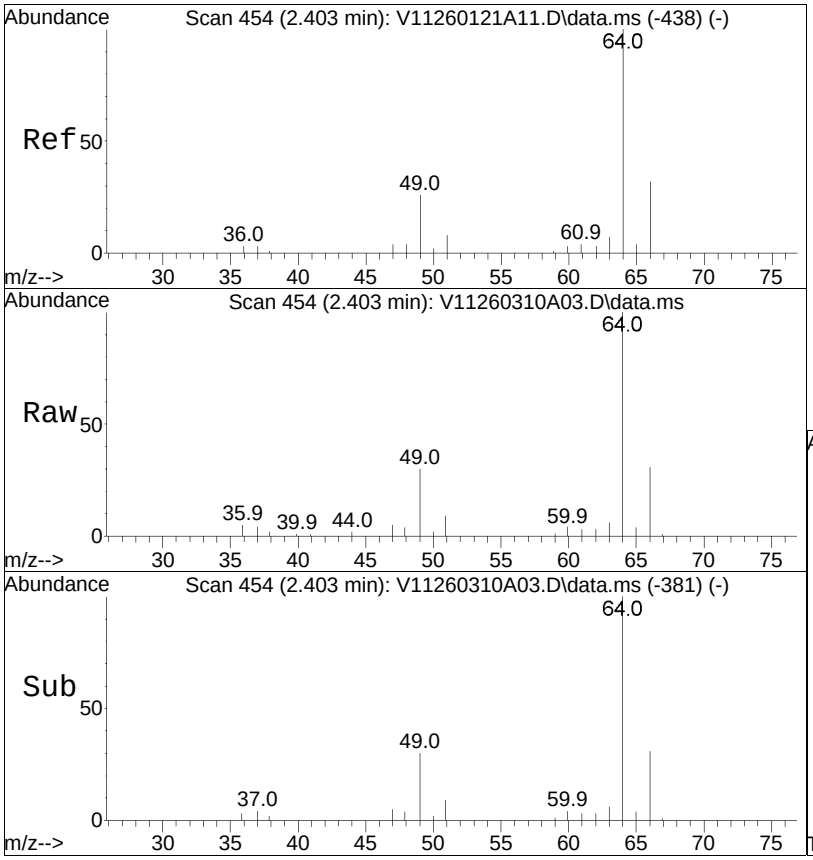


#5
Bromomethane
Concen: 44.58 ug/L
RT: 2.275 min Scan# 408
Delta R.T. 0.005 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 94 Resp: 85054

Ion	Ratio	Lower	Upper
94	100		
96	92.9	72.6	112.6

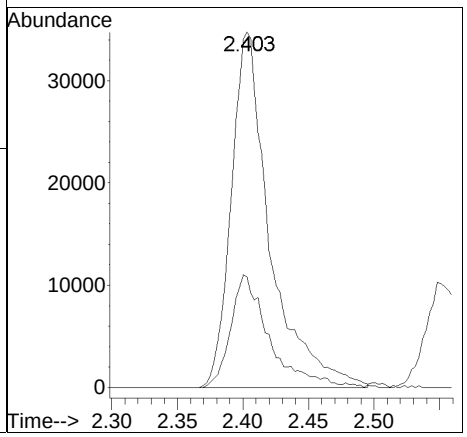


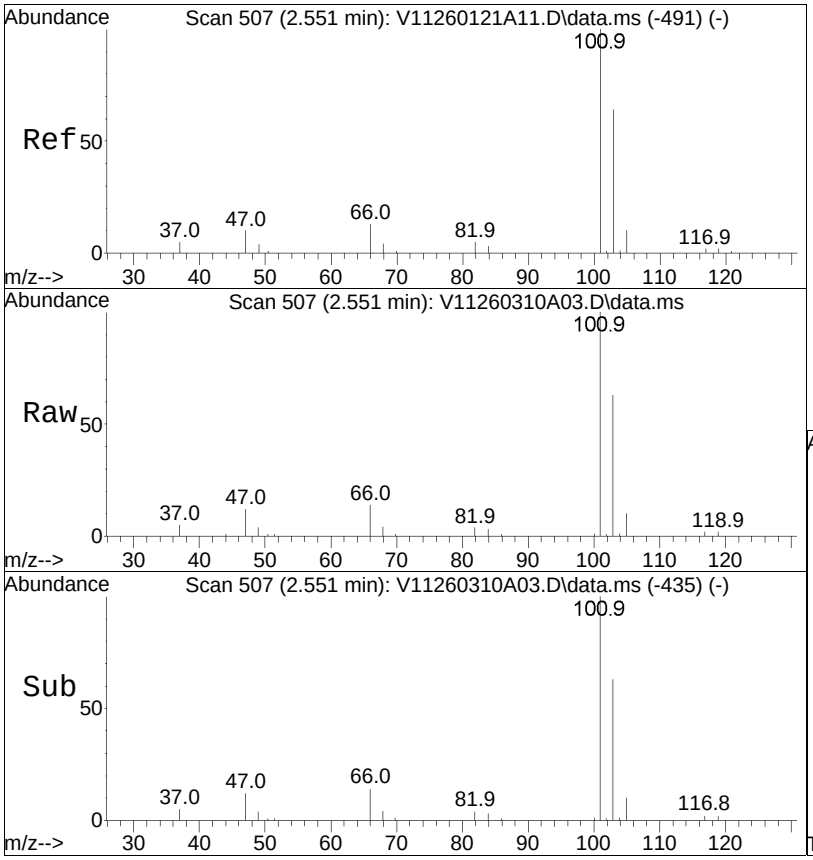


#6
Chloroethane
Concen: 47.61 ug/L
RT: 2.403 min Scan# 454
Delta R.T. 0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 64 Resp: 71315

Ion	Ratio	Lower	Upper
64	100		
66	31.3	10.2	50.2

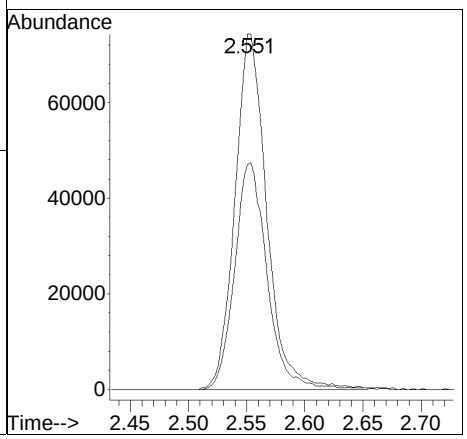


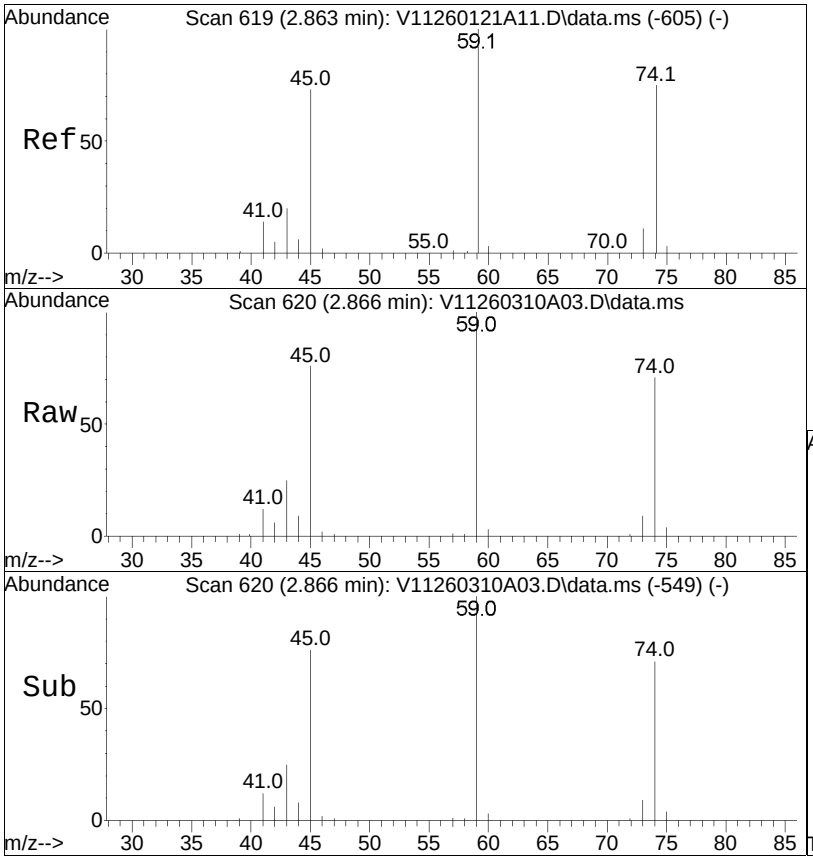


#7
Trichlorofluoromethane
Concen: 49.35 ug/L
RT: 2.551 min Scan# 507
Delta R.T. -0.000 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:101 Resp: 141738

Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.8	77.6

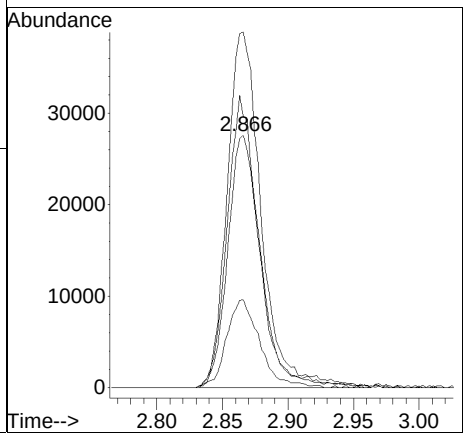


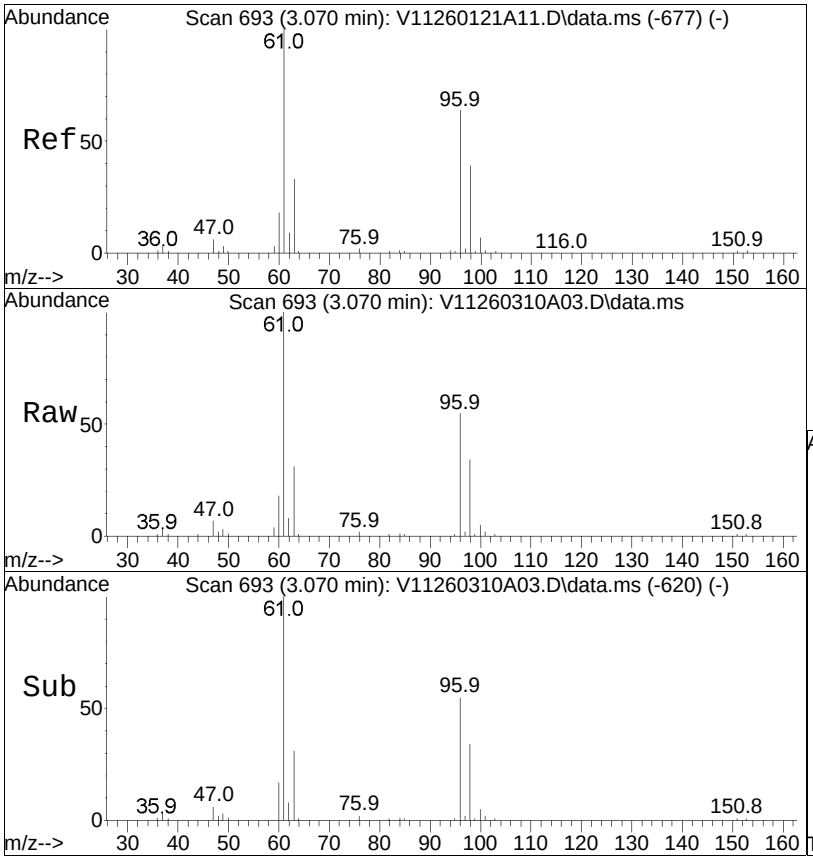


#8
Ethyl ether
Concen: 40.11 ug/L
RT: 2.866 min Scan# 620
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 74 Resp: 48216

Ion	Ratio	Lower	Upper
74	100		
59	145.9	113.5	235.7
45	111.3	100.4	208.4
43	35.0	27.1	56.3

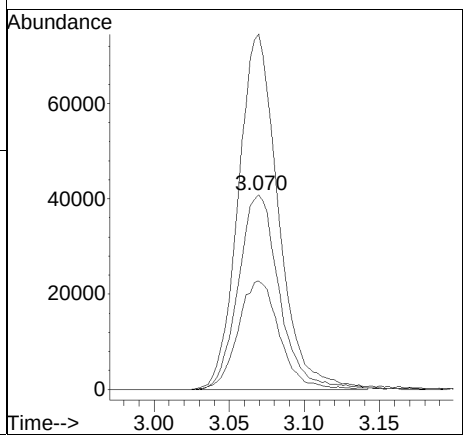


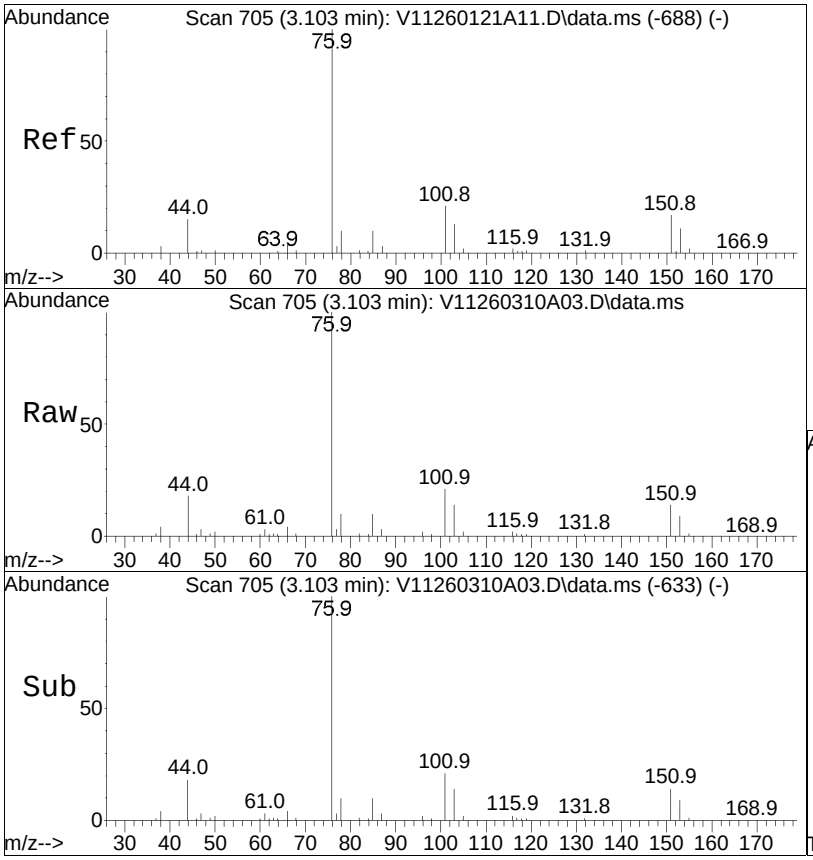


#10
1,1-Dichloroethene
Concen: 43.88 ug/L
RT: 3.070 min Scan# 693
Delta R.T. 0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 96 Resp: 77486

Ion	Ratio	Lower	Upper
96	100		
61	178.7	157.7	236.5
63	56.5	47.9	71.9

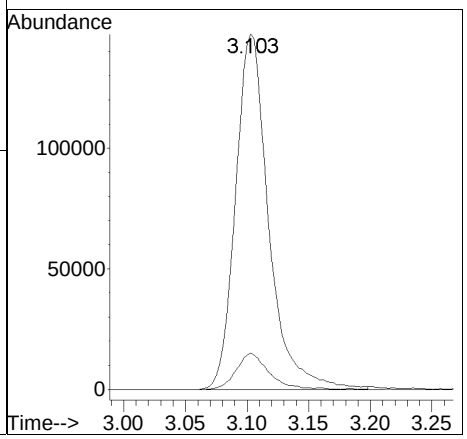


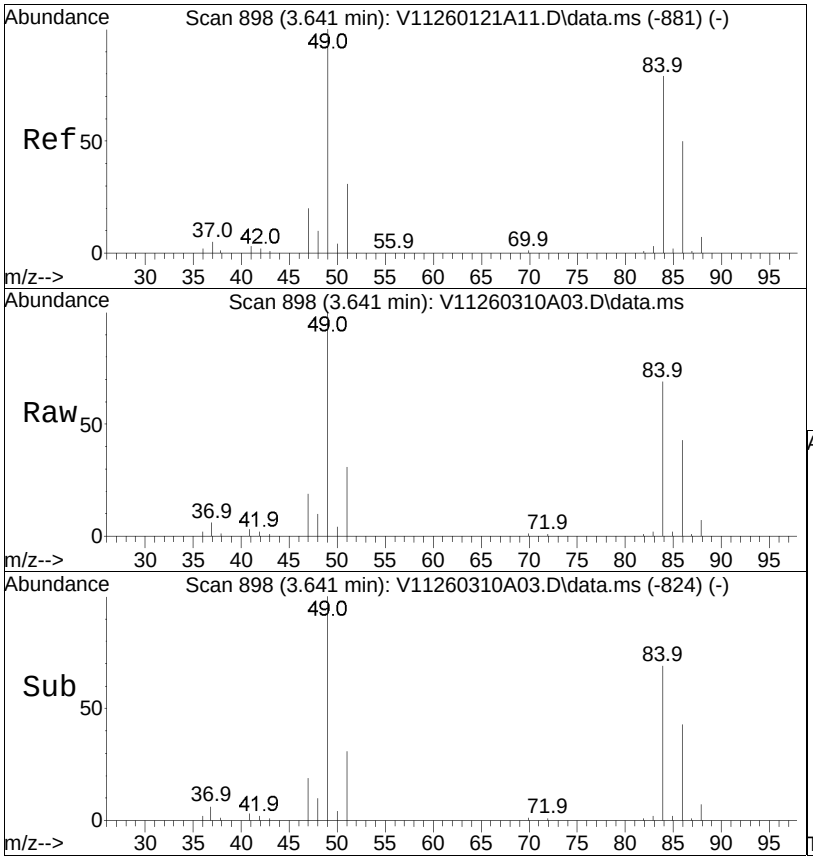


#11
Carbon disulfide
Concen: 41.58 ug/L
RT: 3.103 min Scan# 705
Delta R.T. -0.000 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 76 Resp: 275870

Ion	Ratio	Lower	Upper
76	100		
78	9.9	6.4	13.4

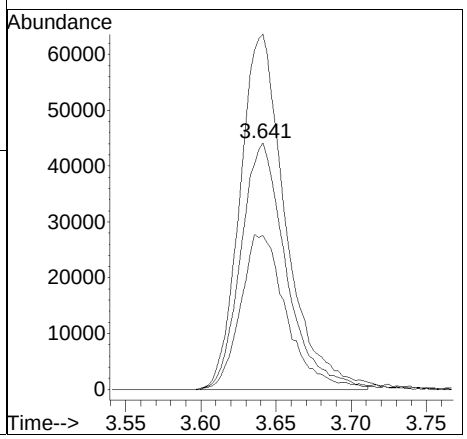


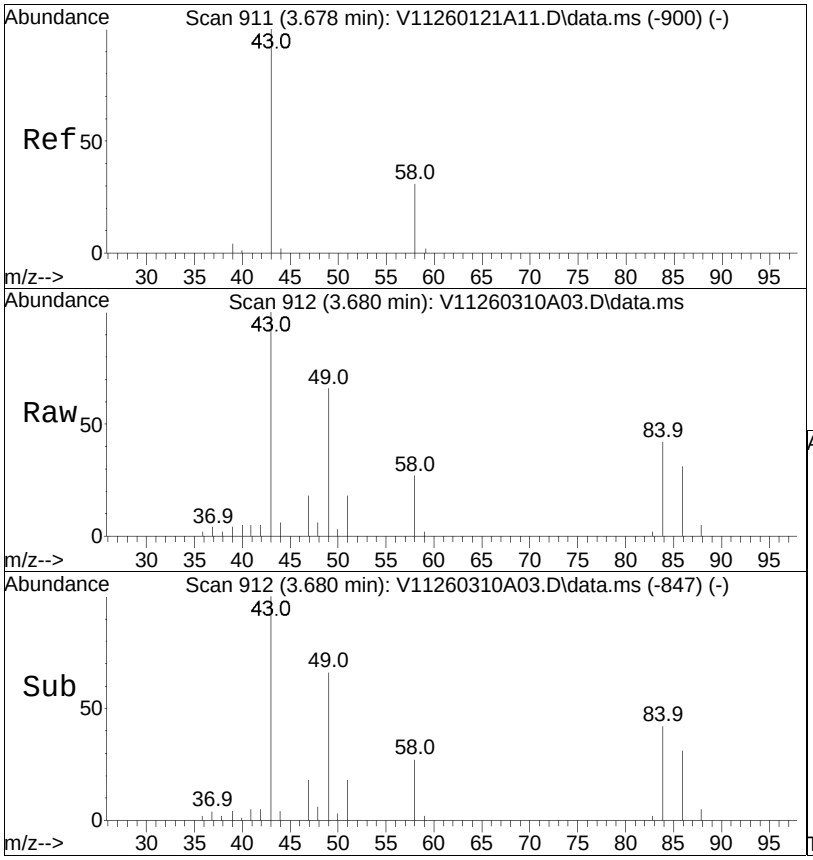


#15
Methylene chloride
Concen: 38.75 ug/L
RT: 3.641 min Scan# 898
Delta R.T. 0.005 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 84 Resp: 92728

Ion	Ratio	Lower	Upper
84	100		
86	64.3	41.1	85.3
49	145.5	124.2	258.0

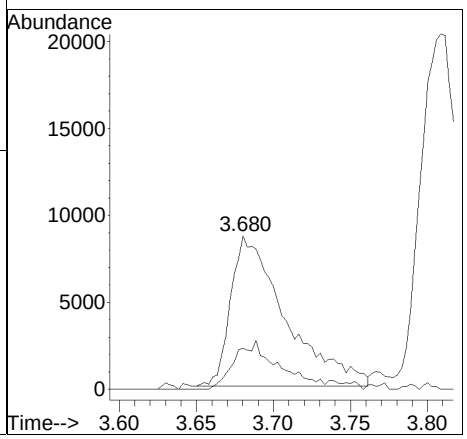


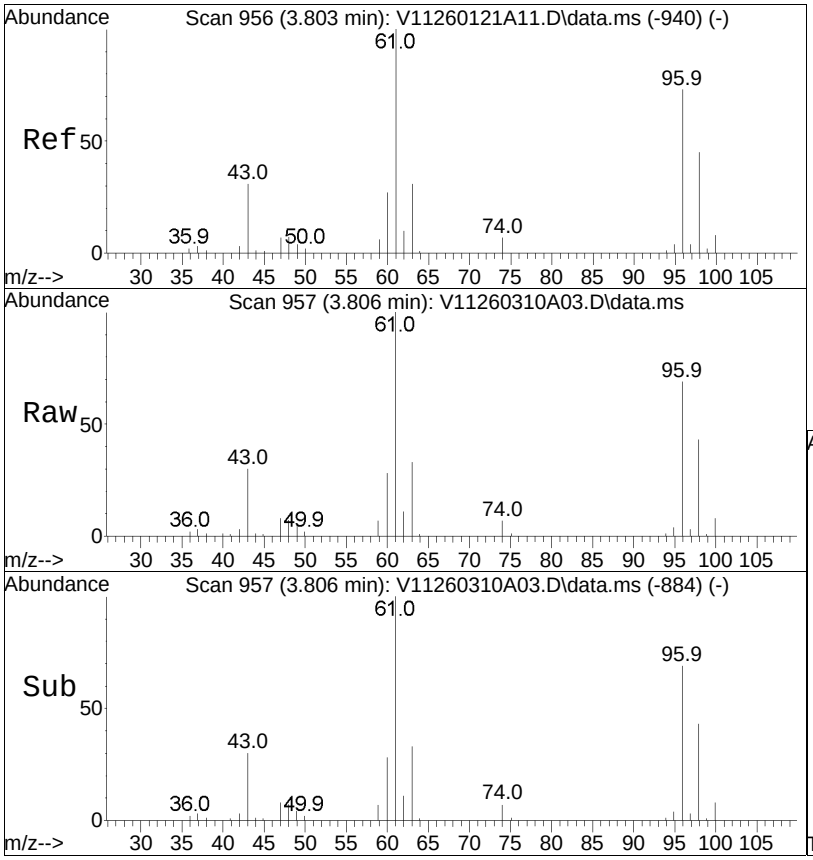


#17
Acetone
Concen: 37.82 ug/L
RT: 3.680 min Scan# 912
Delta R.T. -0.020 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 43 Resp: 21451

Ion	Ratio	Lower	Upper
43	100		
58	26.2	20.8	31.2

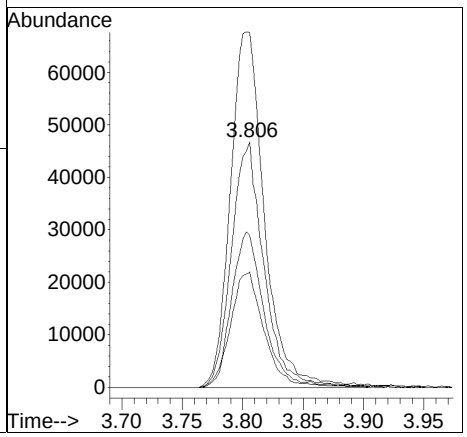


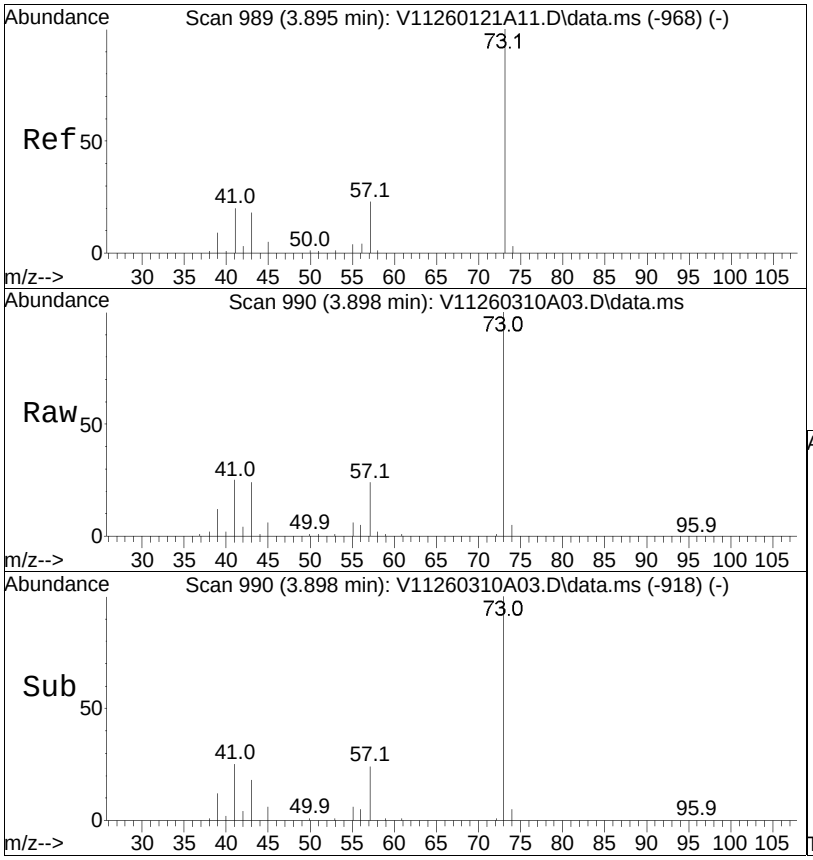


#18
trans-1,2-Dichloroethene
Concen: 42.30 ug/L
RT: 3.806 min Scan# 957
Delta R.T. 0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 96 Resp: 88078

Ion	Ratio	Lower	Upper
96	100		
61	149.9	111.1	230.8
98	62.2	41.8	86.8
63	47.5	33.3	69.1

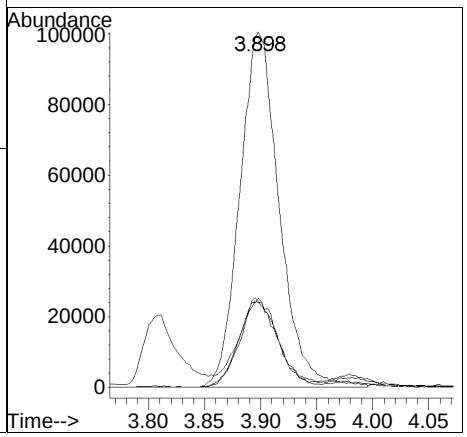


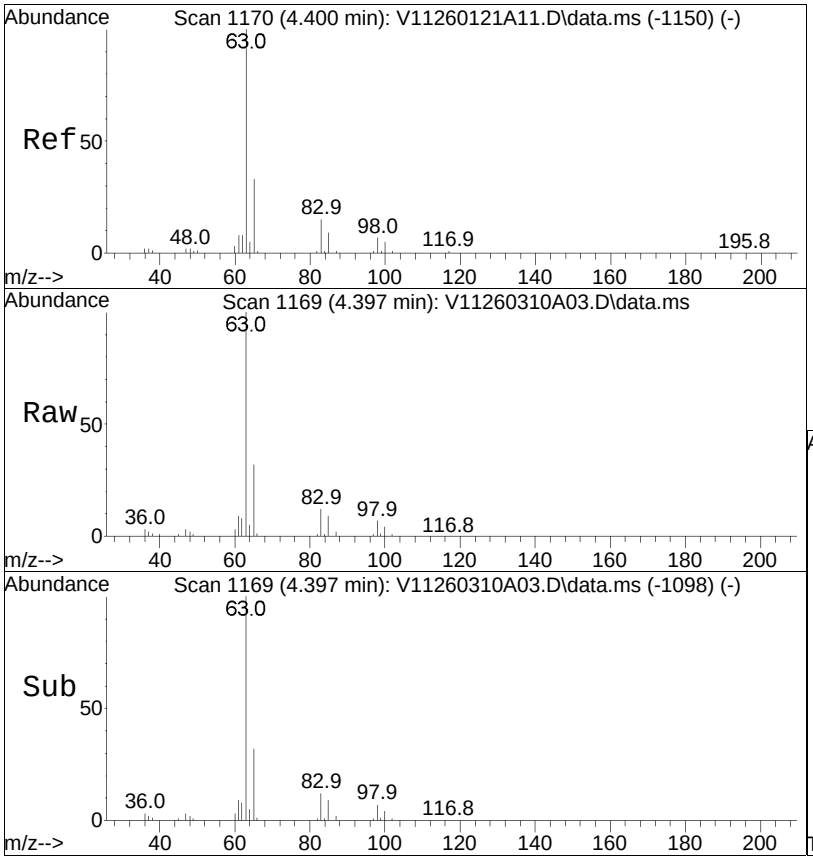


#20
Methyl tert-butyl ether
Concen: 38.34 ug/L
RT: 3.898 min Scan# 990
Delta R.T. -0.000 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 73 Resp: 245980

Ion	Ratio	Lower	Upper
73	100		
57	23.8	19.6	40.6
43	24.6	18.5	38.3
41	24.6	20.3	42.1

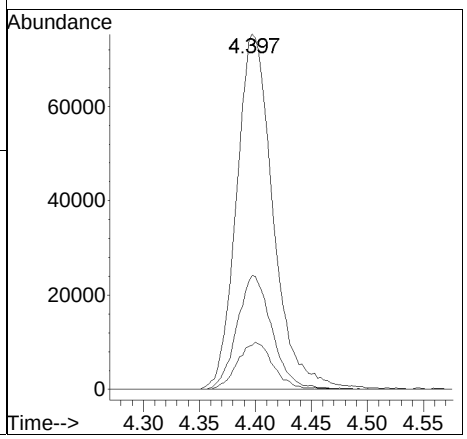


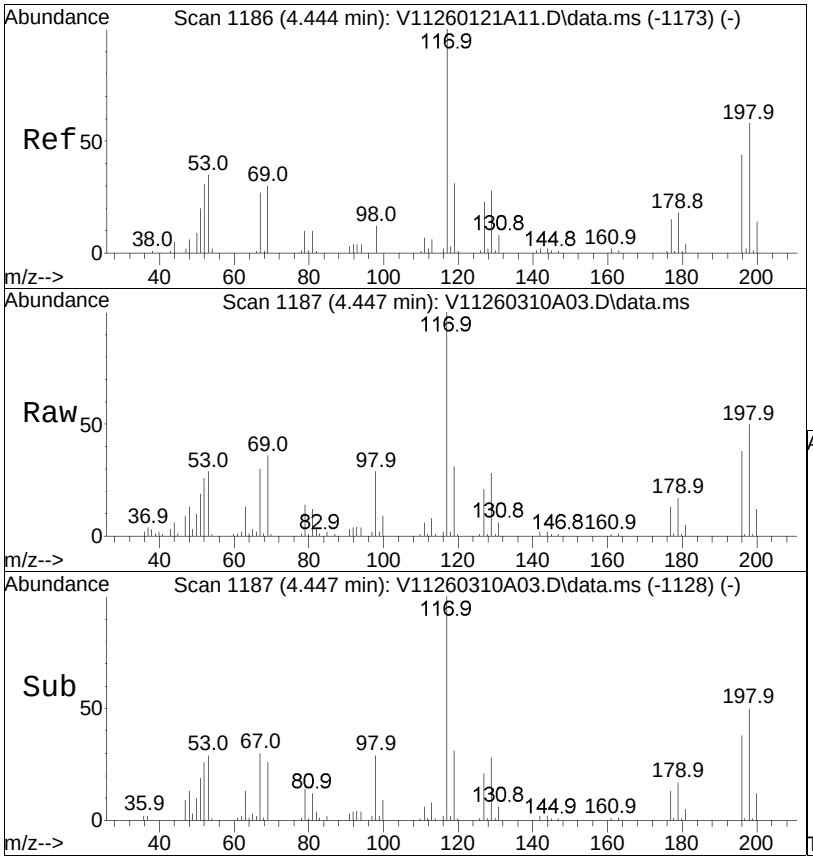


#23
1,1-Dichloroethane
Concen: 44.94 ug/L
RT: 4.397 min Scan# 1169
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 63 Resp: 171467

Ion	Ratio	Lower	Upper
63	100		
65	30.7	9.0	49.0
83	12.8	0.0	31.4

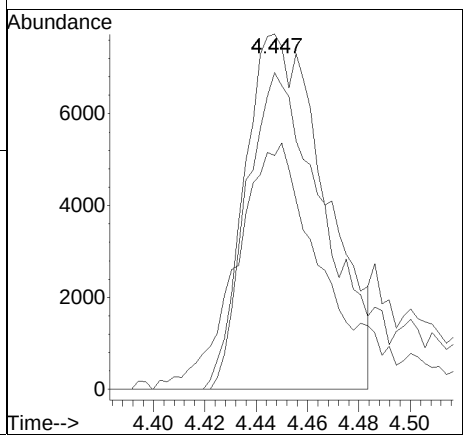


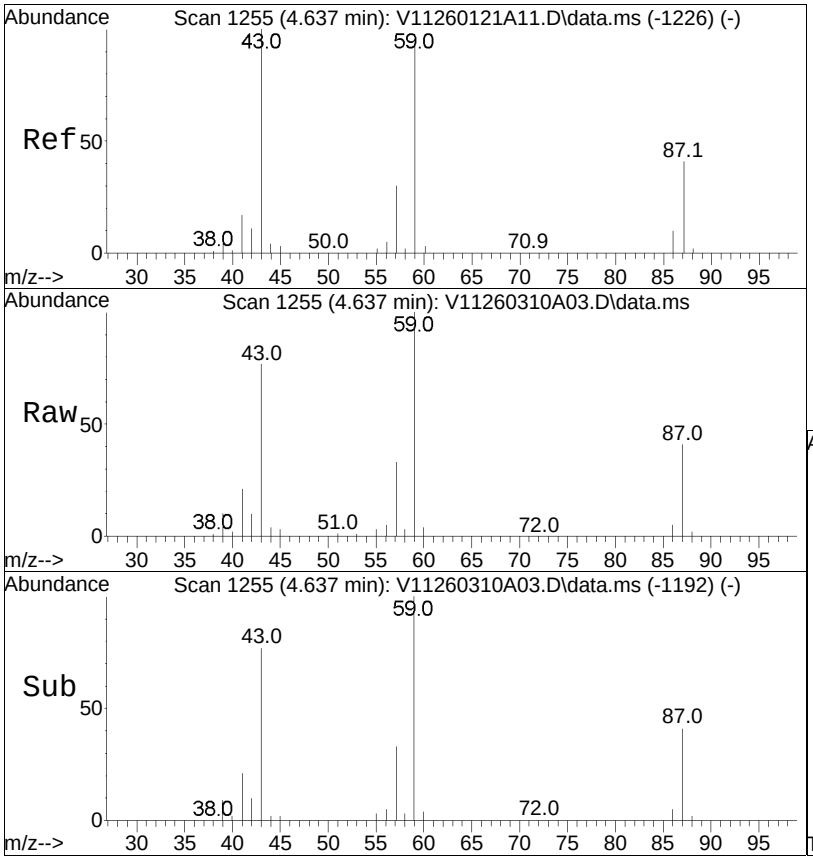


#25
Acrylonitrile
Concen: 30.48 ug/L
RT: 4.447 min Scan# 1187
Delta R.T. -0.036 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 53 Resp: 17013

Ion	Ratio	Lower	Upper
53	100		
52	87.7	66.9	100.3
51	67.4	42.6	63.8#

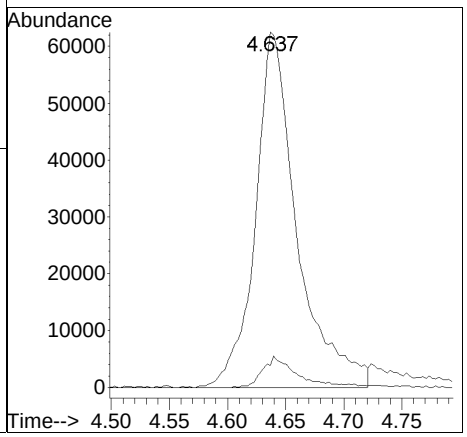


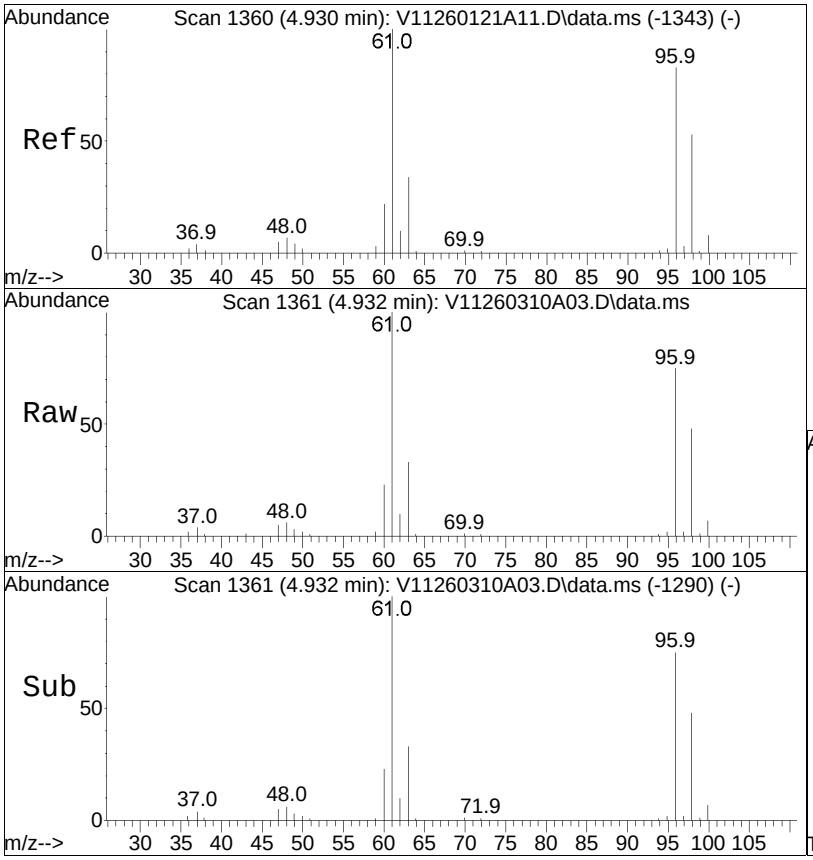


#27
Vinyl acetate
Concen: 31.41 ug/L
RT: 4.637 min Scan# 1255
Delta R.T. -0.025 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 43 Resp: 155853

Ion	Ratio	Lower	Upper
43	100		
86	7.0	4.6	6.8#

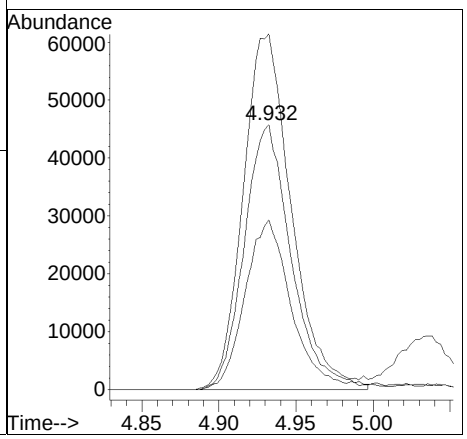


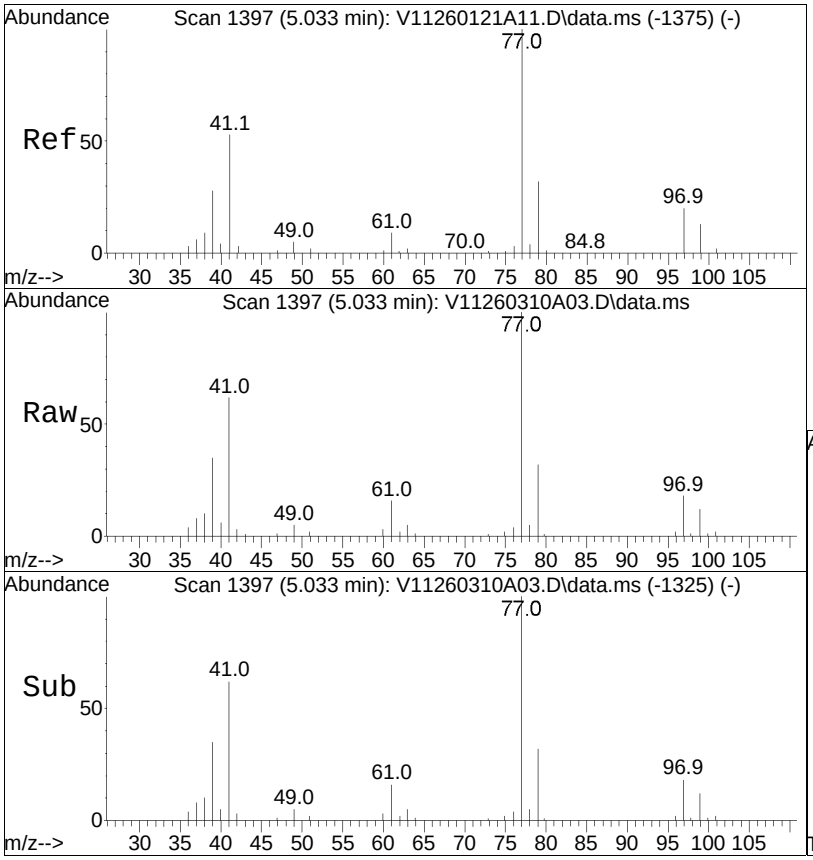


#28
cis-1,2-Dichloroethene
Concen: 40.84 ug/L
RT: 4.932 min Scan# 1361
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 96 Resp: 97090

Ion	Ratio	Lower	Upper
96	100		
61	137.0	126.3	189.5
98	62.5	51.0	76.6

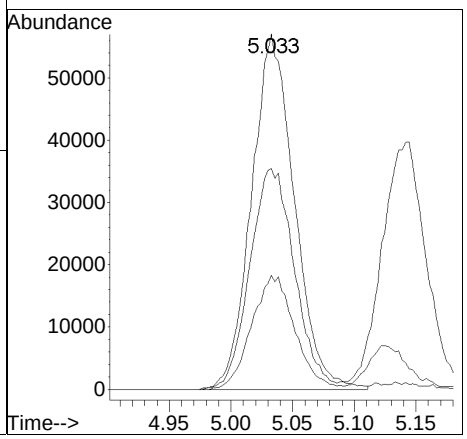


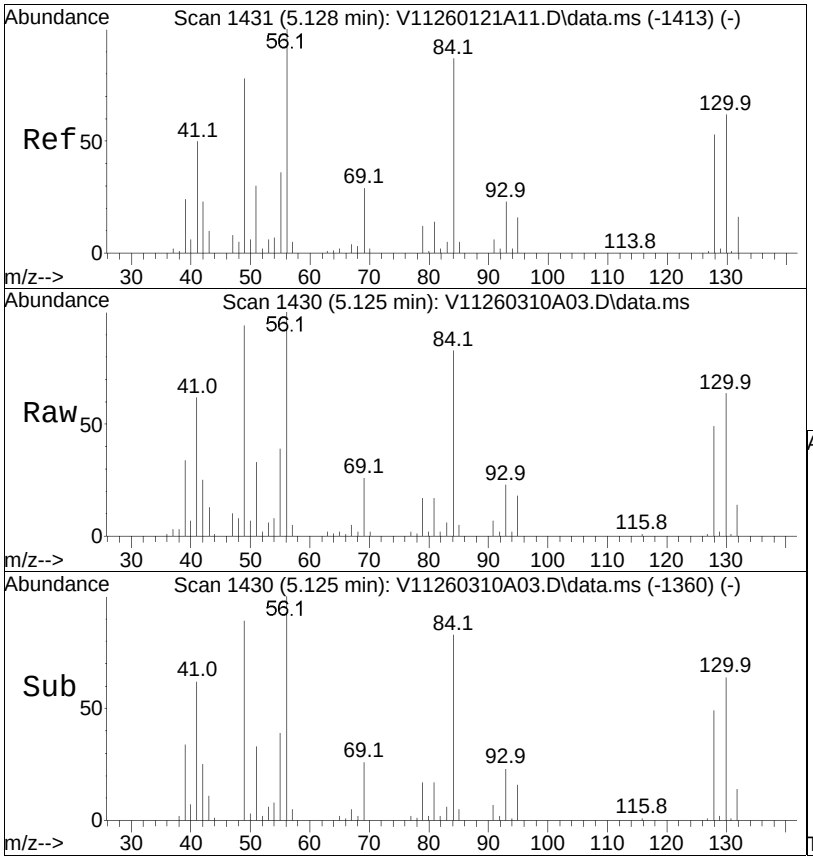


#29
2,2-Dichloropropane
Concen: 44.33 ug/L
RT: 5.033 min Scan# 1397
Delta R.T. -0.000 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 77 Resp: 137622

Ion	Ratio	Lower	Upper
77	100		
41	64.8	45.5	94.5
79	32.3	20.9	43.3

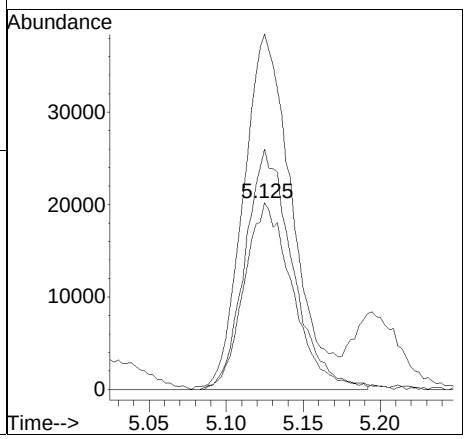


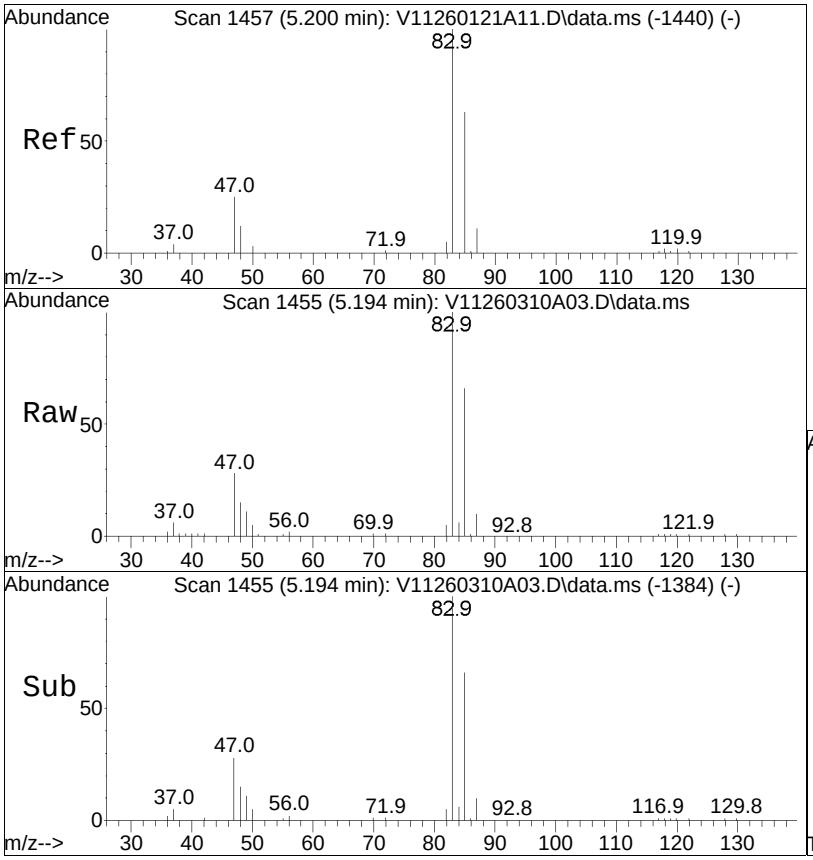


#30
Bromochloromethane
Concen: 39.36 ug/L
RT: 5.125 min Scan# 1430
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:128 Resp: 44303

Ion	Ratio	Lower	Upper
128	100		
49	190.5	201.3	301.9#
130	126.2	106.2	159.2

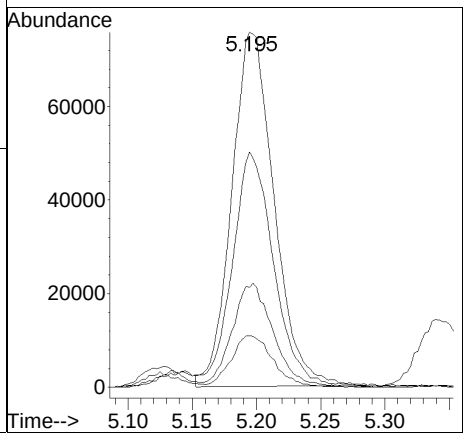


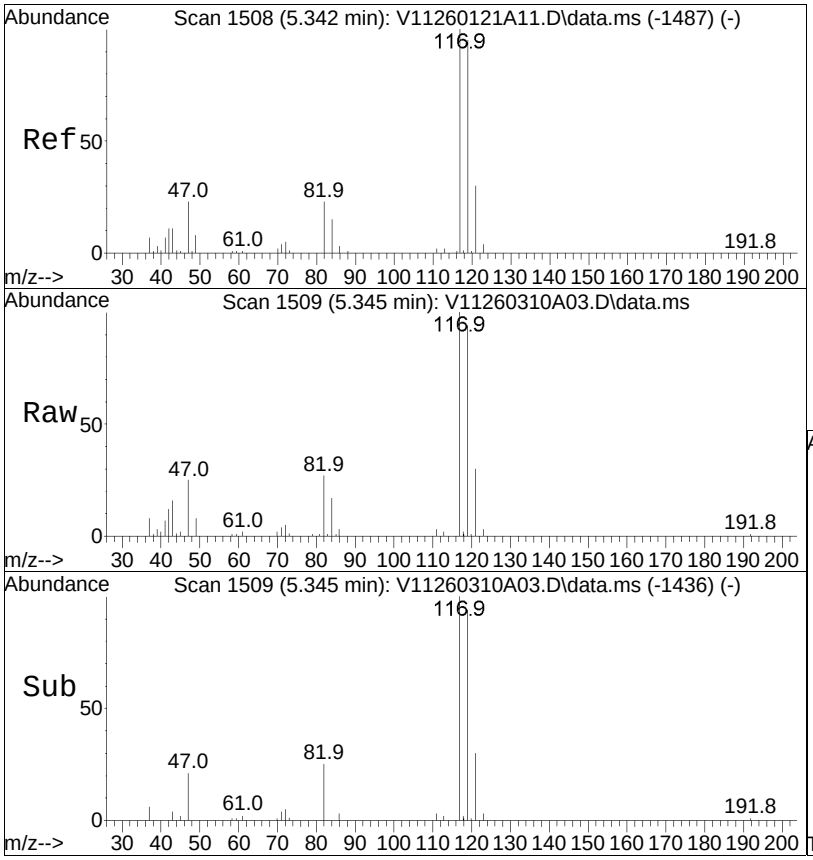


#32
Chloroform
Concen: 43.38 ug/L
RT: 5.194 min Scan# 1455
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 83 Resp: 173670

Ion	Ratio	Lower	Upper
83	100		
85	64.1	41.9	87.1
47	29.1	20.9	43.3
48	14.6	9.9	20.5

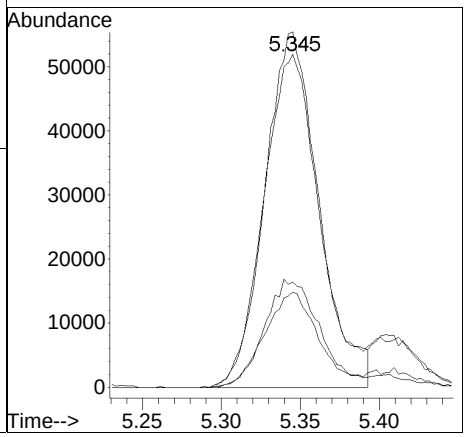


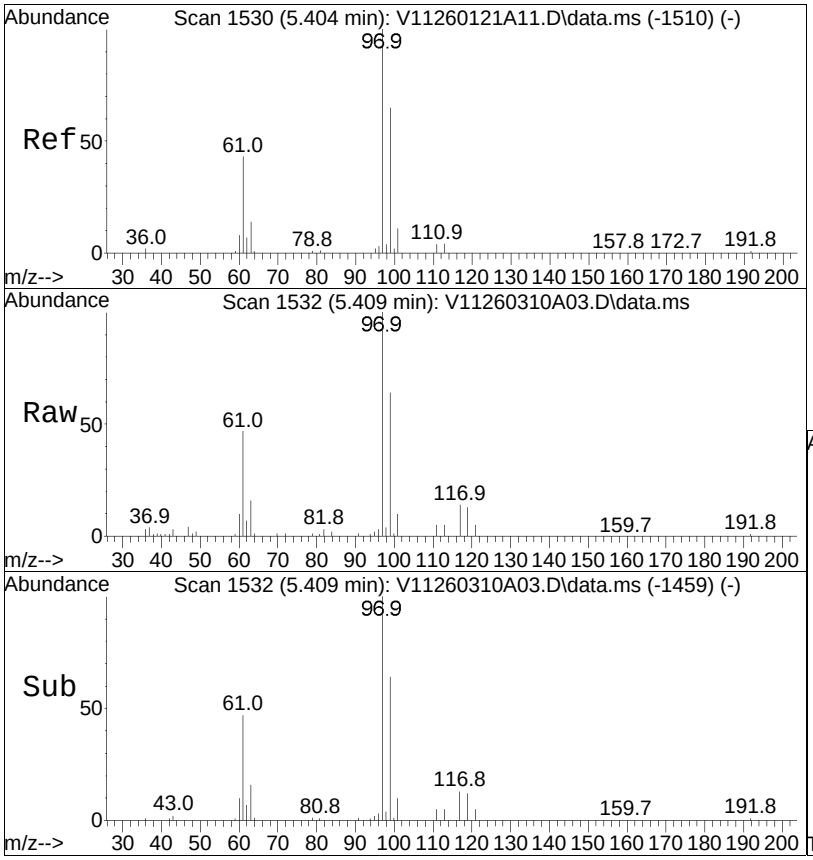


#34
Carbon tetrachloride
Concen: 46.09 ug/L
RT: 5.345 min Scan# 1509
Delta R.T. 0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:117 Resp: 132844

Ion	Ratio	Lower	Upper
117	100		
119	94.9	64.0	132.8
121	30.2	20.7	42.9
82	26.9	16.3	33.8

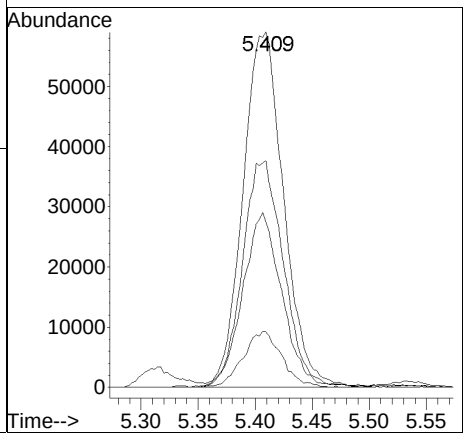


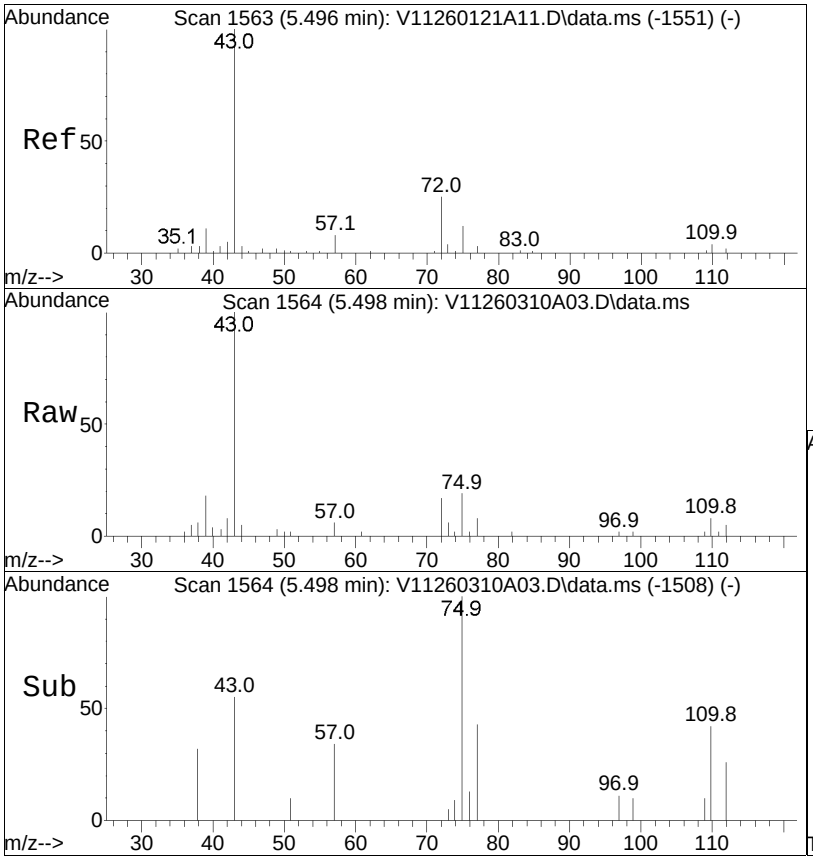


#37
1,1,1-Trichloroethane
Concen: 46.32 ug/L
RT: 5.409 min Scan# 1532
Delta R.T. 0.005 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 97 Resp: 147094

Ion	Ratio	Lower	Upper
97	100		
99	63.6	41.5	86.1
61	45.8	32.2	67.0
63	15.2	10.1	20.9

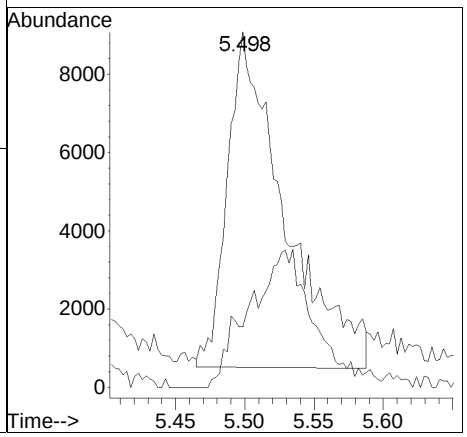


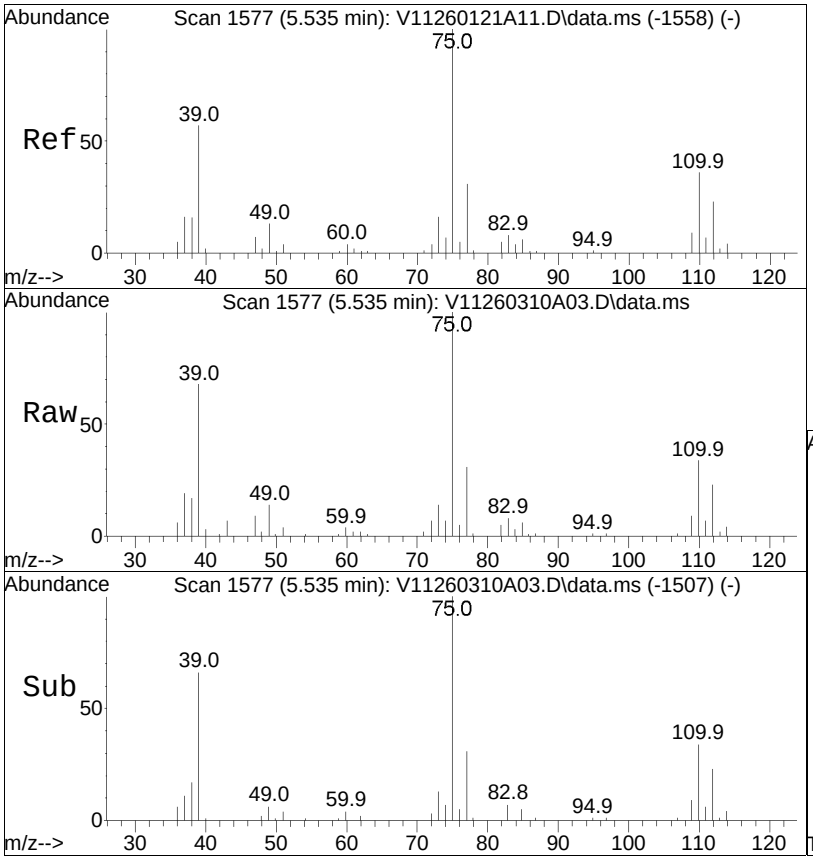


#39
2-Butanone
Concen: 39.52 ug/L M1
RT: 5.498 min Scan# 1564
Delta R.T. -0.045 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 43 Resp: 24682

Ion	Ratio	Lower	Upper
43	100		
72	5.8	21.0	31.6#

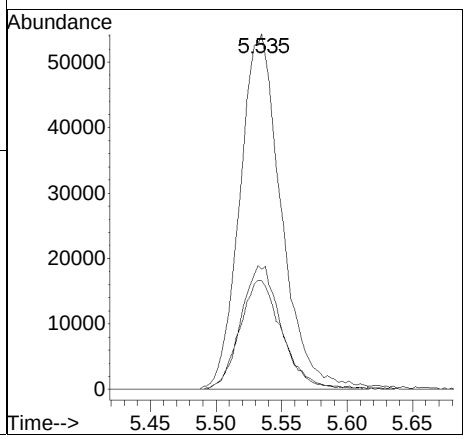


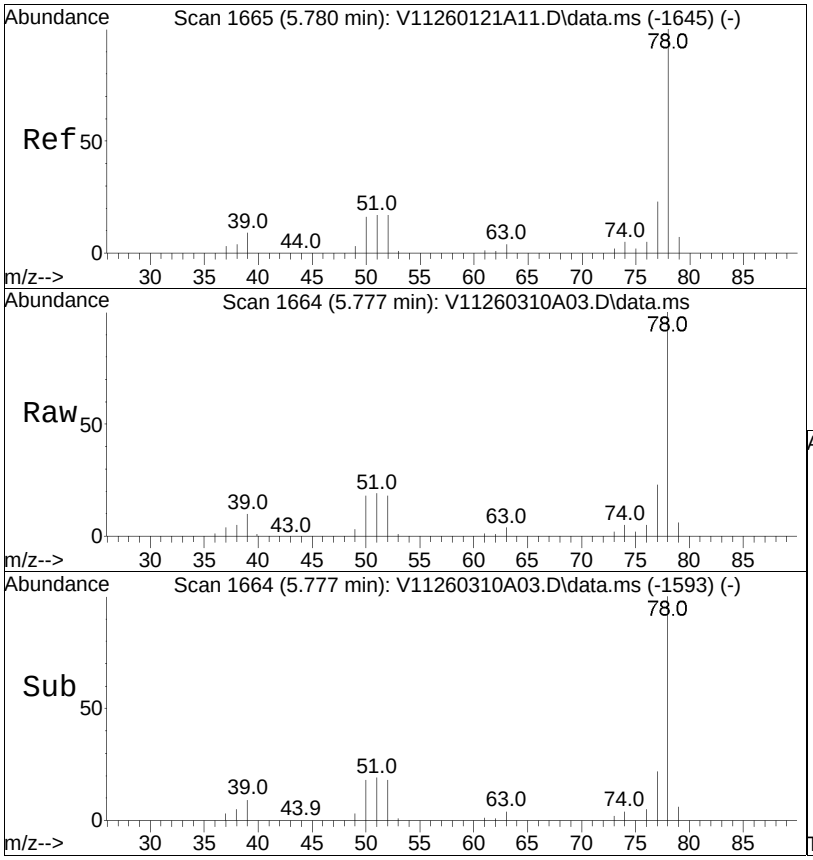


#40
1,1-Dichloropropene
Concen: 47.05 ug/L
RT: 5.535 min Scan# 1577
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 75 Resp: 119408

Ion	Ratio	Lower	Upper
75	100		
110	34.2	23.6	49.0
77	31.1	20.2	41.9

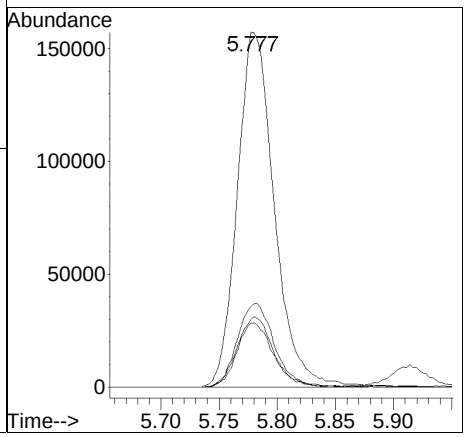


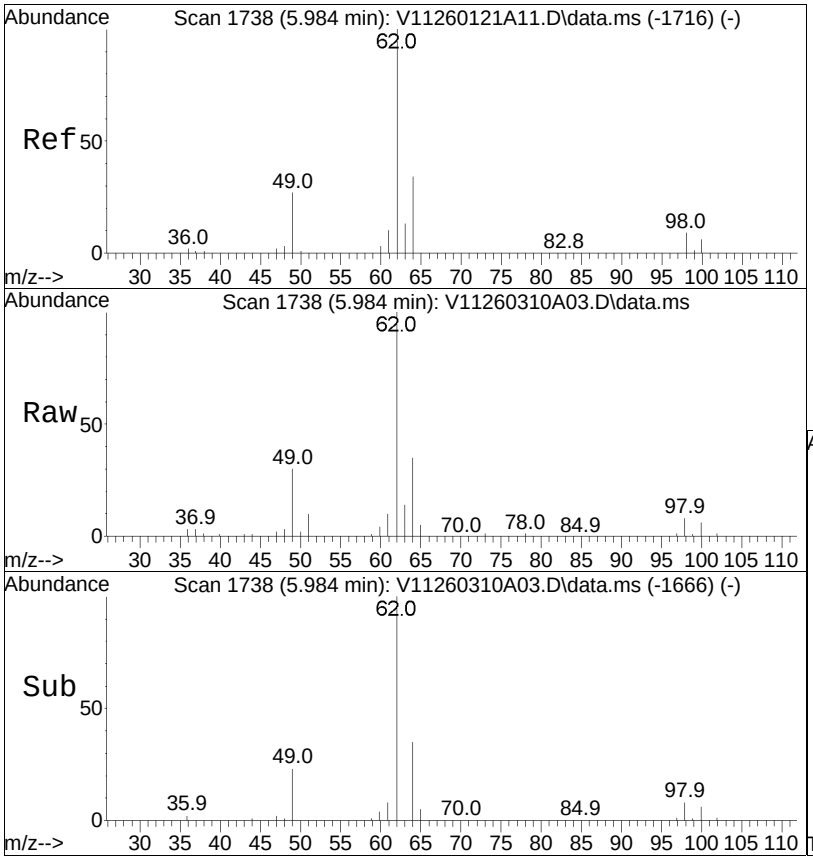


#41
Benzene
Concen: 42.27 ug/L
RT: 5.777 min Scan# 1664
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 78 Resp: 349120

Ion	Ratio	Lower	Upper
78	100		
77	23.9	15.1	31.3
51	19.5	15.8	32.8
52	17.9	15.6	32.4

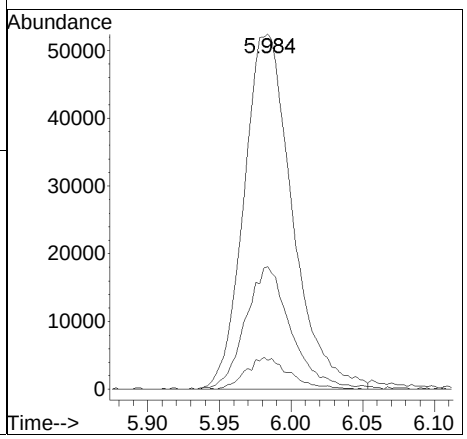


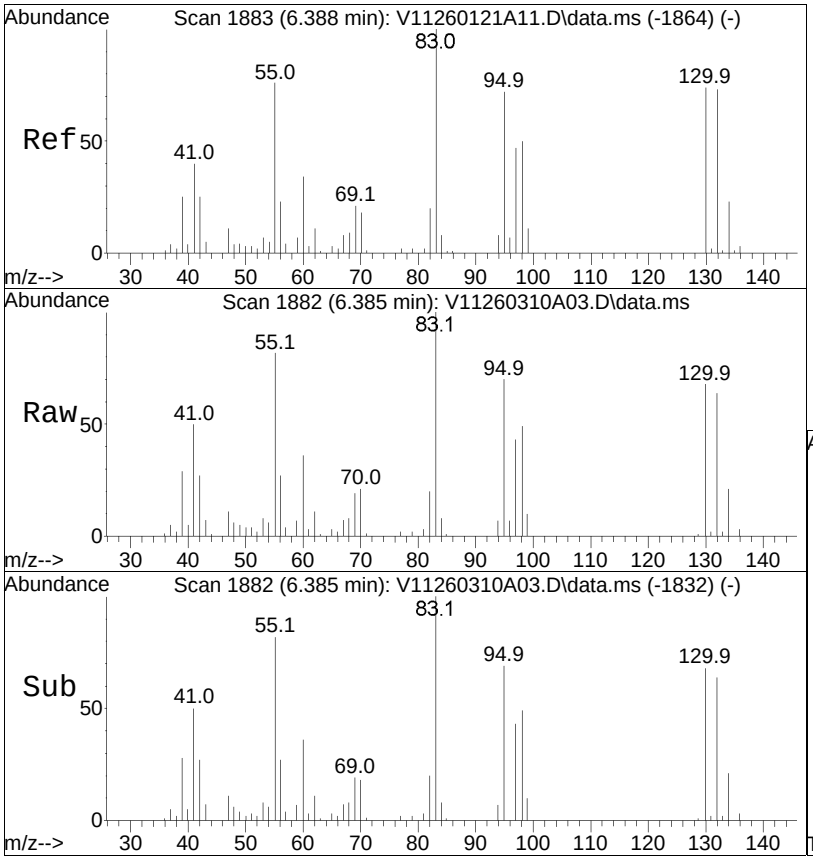


#44
1,2-Dichloroethane
Concen: 43.49 ug/L
RT: 5.984 min Scan# 1738
Delta R.T. -0.000 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 62 Resp: 123234

Ion	Ratio	Lower	Upper
62	100		
64	32.6	11.1	51.1
98	8.2	0.0	28.0

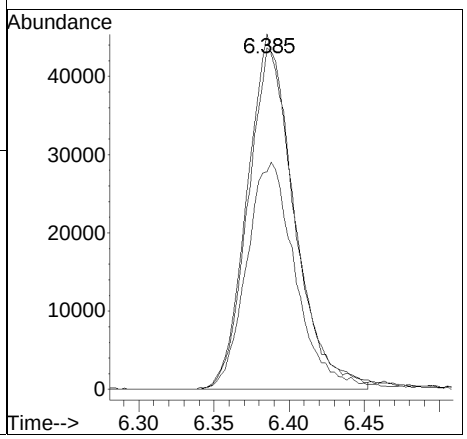


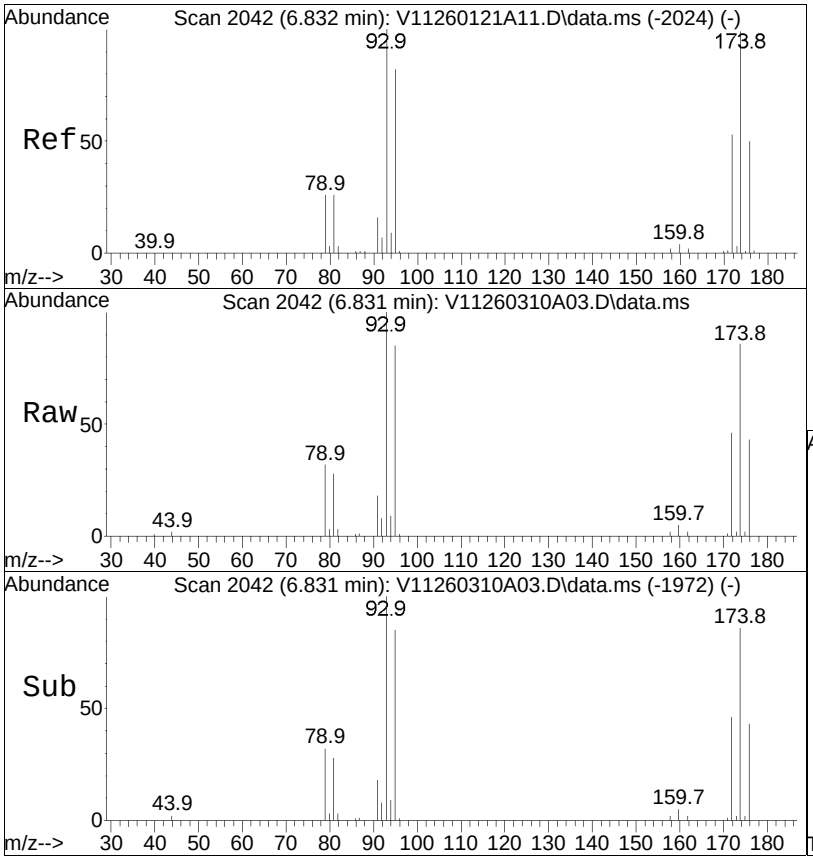


#48
Trichloroethene
Concen: 44.11 ug/L
RT: 6.385 min Scan# 1882
Delta R.T. -0.011 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 95 Resp: 98369

Ion	Ratio	Lower	Upper
95	100		
97	67.6	54.3	81.5
130	96.9	84.6	126.8

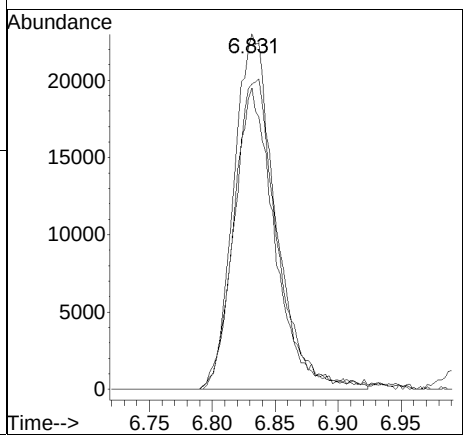


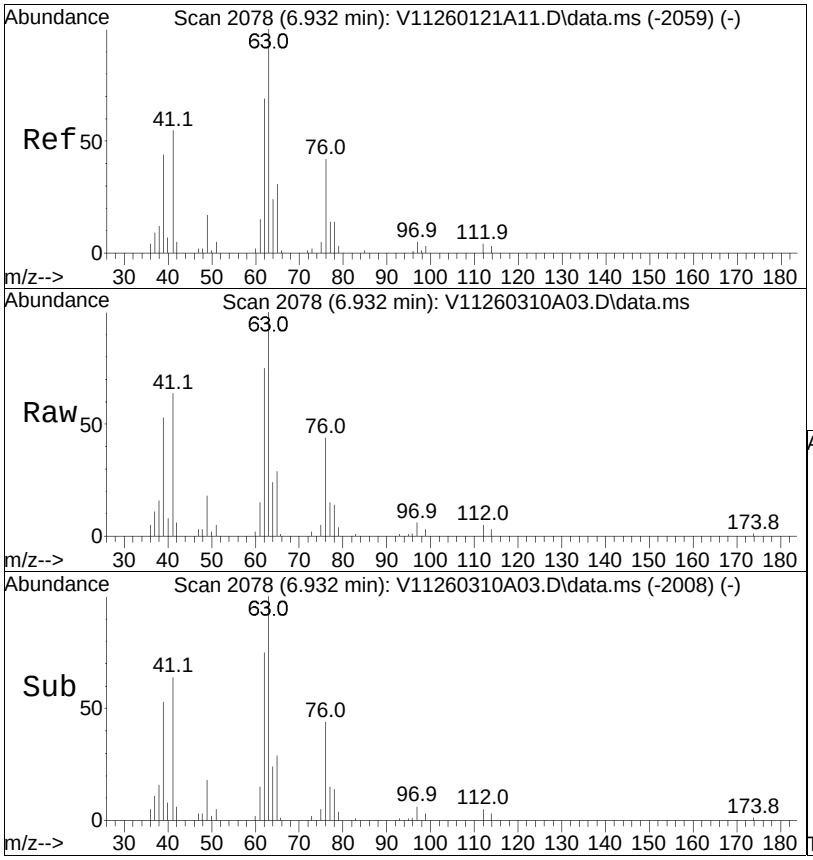


#50
Dibromomethane
Concen: 39.04 ug/L
RT: 6.831 min Scan# 2042
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 93 Resp: 53659

Ion	Ratio	Lower	Upper
93	100		
95	81.5	65.7	98.5
174	87.2	80.2	120.4

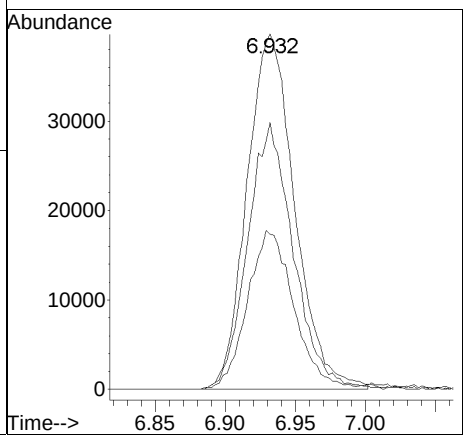


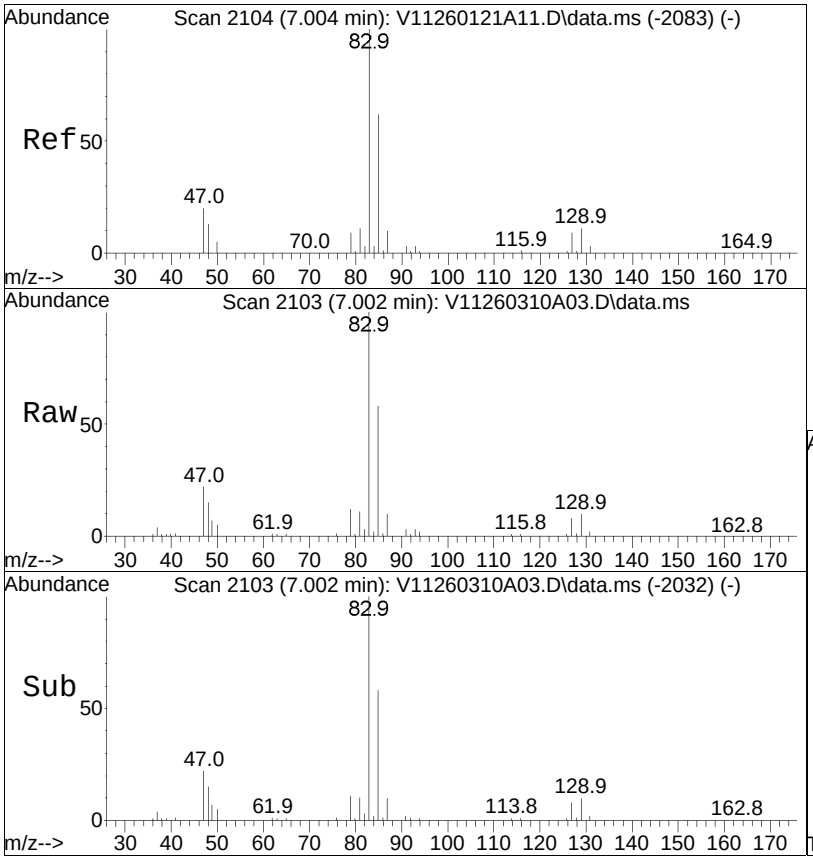


#51
1,2-Dichloropropane
Concen: 42.56 ug/L
RT: 6.932 min Scan# 2078
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 63 Resp: 94230

Ion	Ratio	Lower	Upper
63	100		
62	71.7	57.9	86.9
76	43.4	30.1	45.1

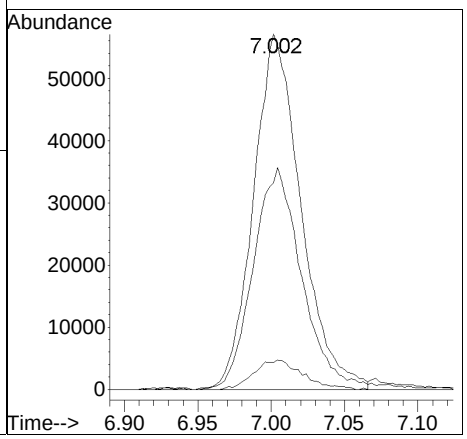


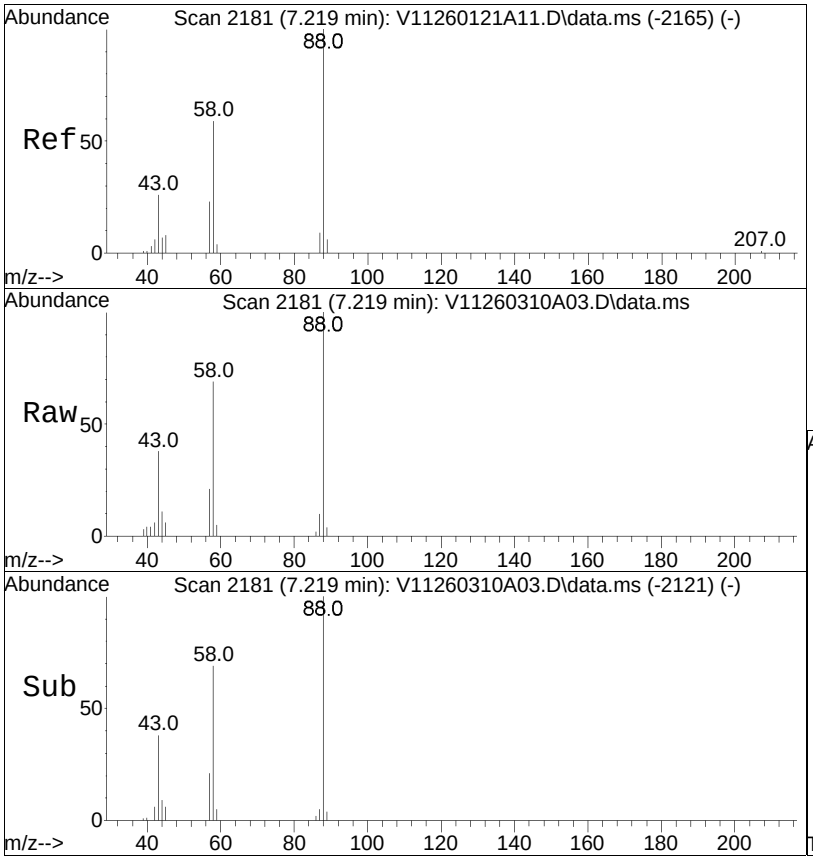


#54
Bromodichloromethane
Concen: 41.55 ug/L
RT: 7.002 min Scan# 2103
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 83 Resp: 128682

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.6	77.4
127	8.4	7.1	10.7

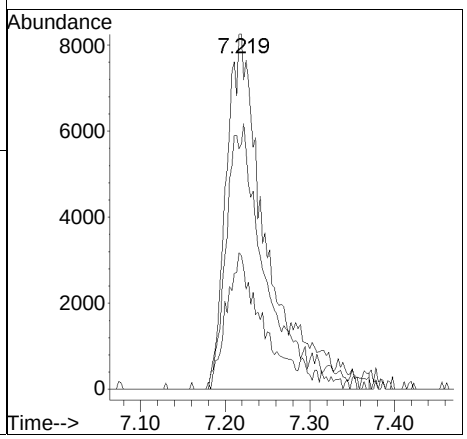


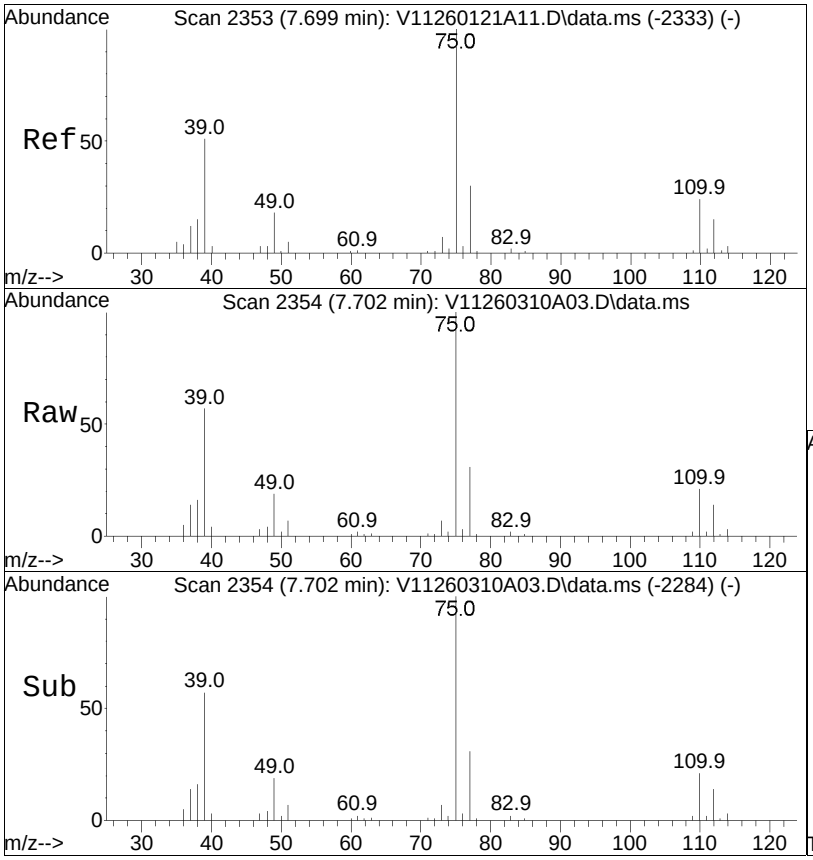


#57
1,4-Dioxane
Concen: 1940.55 ug/L M1
RT: 7.219 min Scan# 2181
Delta R.T. -0.034 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 88 Resp: 27877

Ion	Ratio	Lower	Upper
88	100		
58	24.5	75.4	113.0#
43	33.2	33.5	50.3#

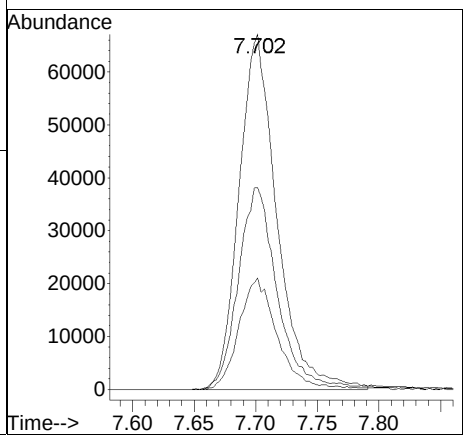


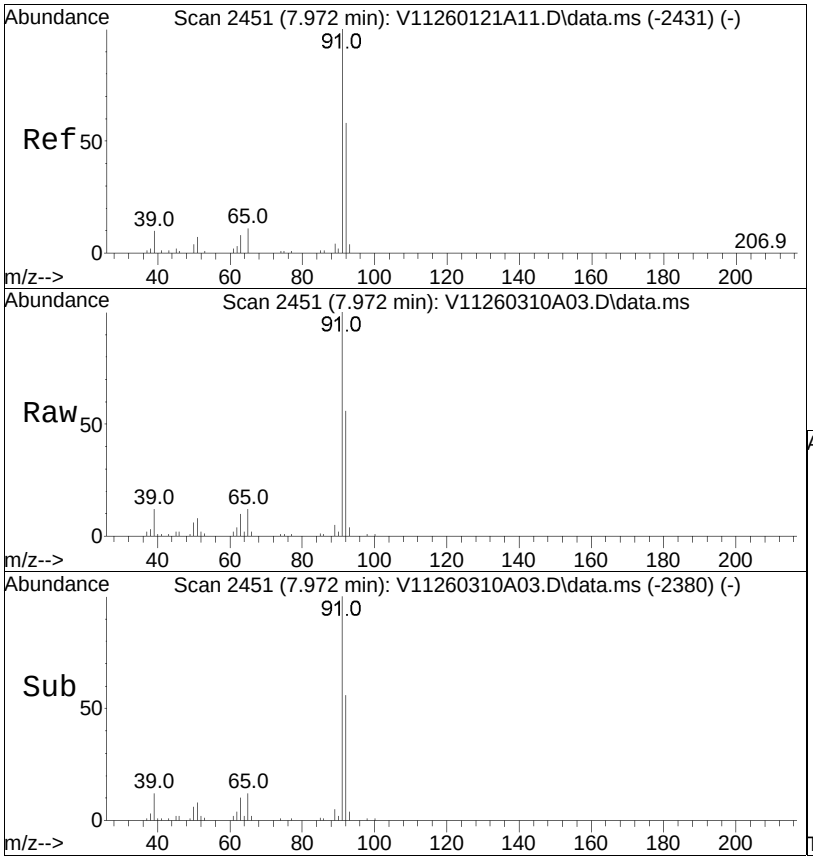


#58
cis-1,3-Dichloropropene
Concen: 40.60 ug/L
RT: 7.702 min Scan# 2354
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 75 Resp: 143787

Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.9	37.3
39	58.2	51.8	77.8

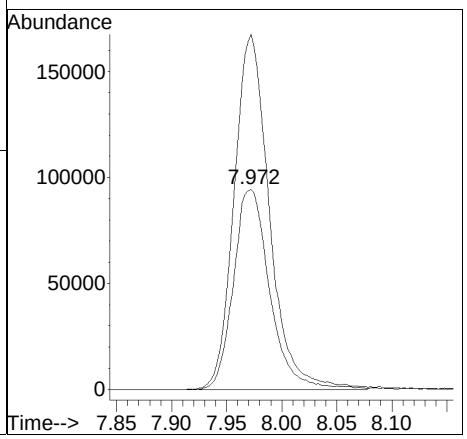


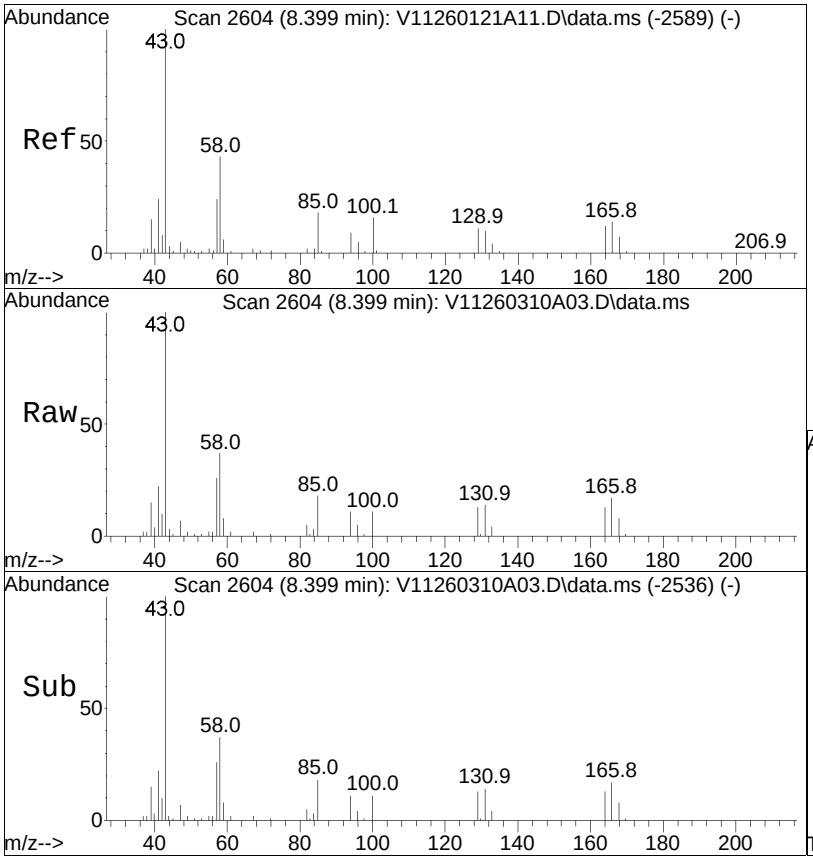


#61
Toluene
Concen: 29.73 ug/L
RT: 7.972 min Scan# 2451
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 92 Resp: 216930

Ion	Ratio	Lower	Upper
92	100		
91	172.5	133.7	200.5

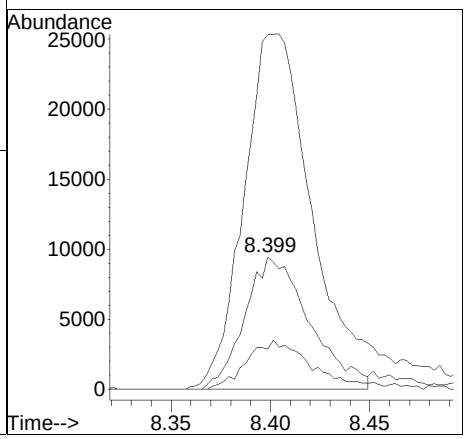


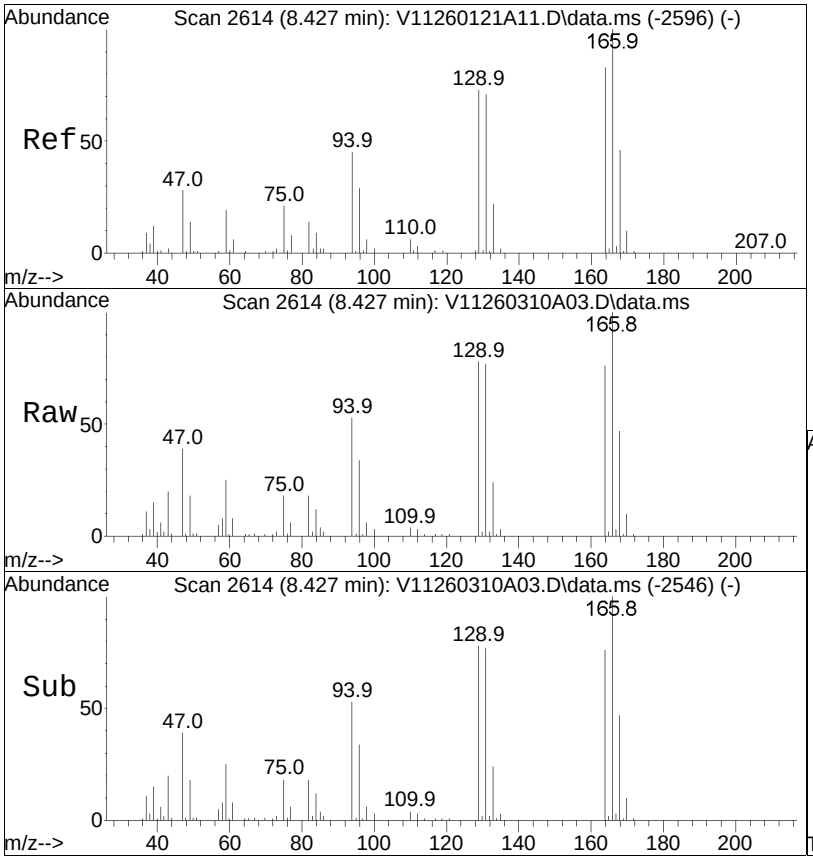


#62
4-Methyl-2-pentanone
Concen: 23.51 ug/L
RT: 8.399 min Scan# 2604
Delta R.T. -0.011 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 58 Resp: 21491

Ion	Ratio	Lower	Upper
58	100		
100	37.3	22.0	33.0#
43	289.2	236.9	355.3

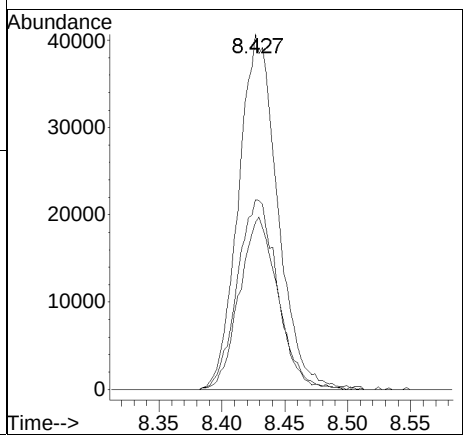


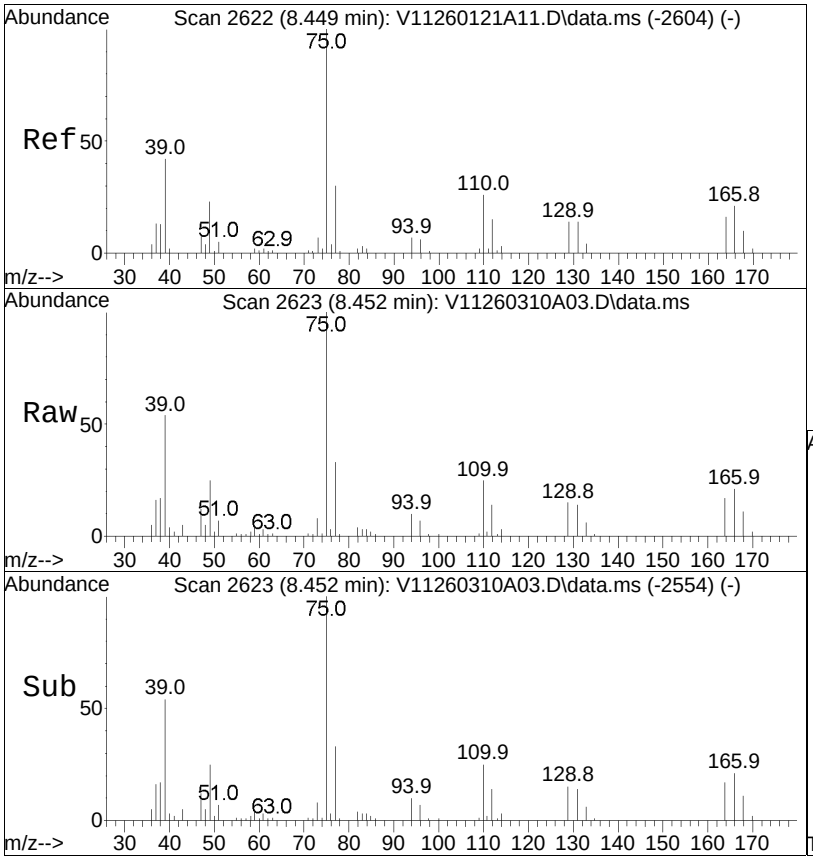


#63
Tetrachloroethene
Concen: 30.15 ug/L
RT: 8.427 min Scan# 2614
Delta R.T. -0.011 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:166 Resp: 88282

Ion	Ratio	Lower	Upper
166	100		
168	47.7	28.2	68.2
94	54.6	26.3	66.3

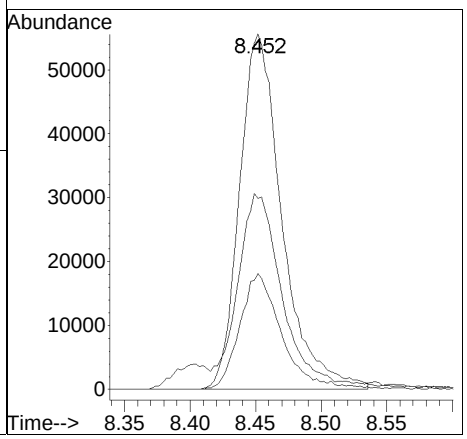


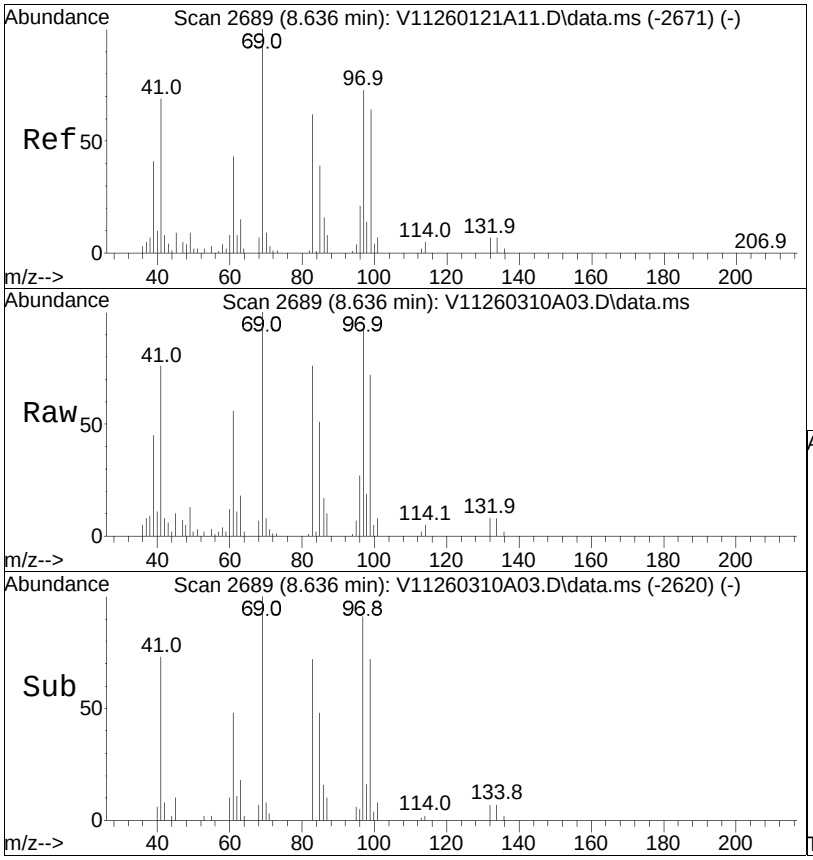


#65
trans-1,3-Dichloropropene
Concen: 28.78 ug/L
RT: 8.452 min Scan# 2623
Delta R.T. -0.008 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 75 Resp: 125383

Ion	Ratio	Lower	Upper
75	100		
77	32.2	11.4	51.4
39	53.3	50.3	90.3

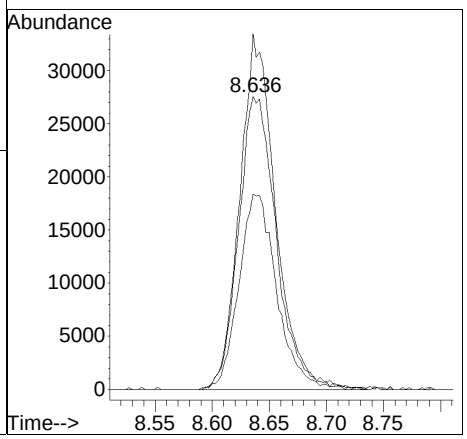


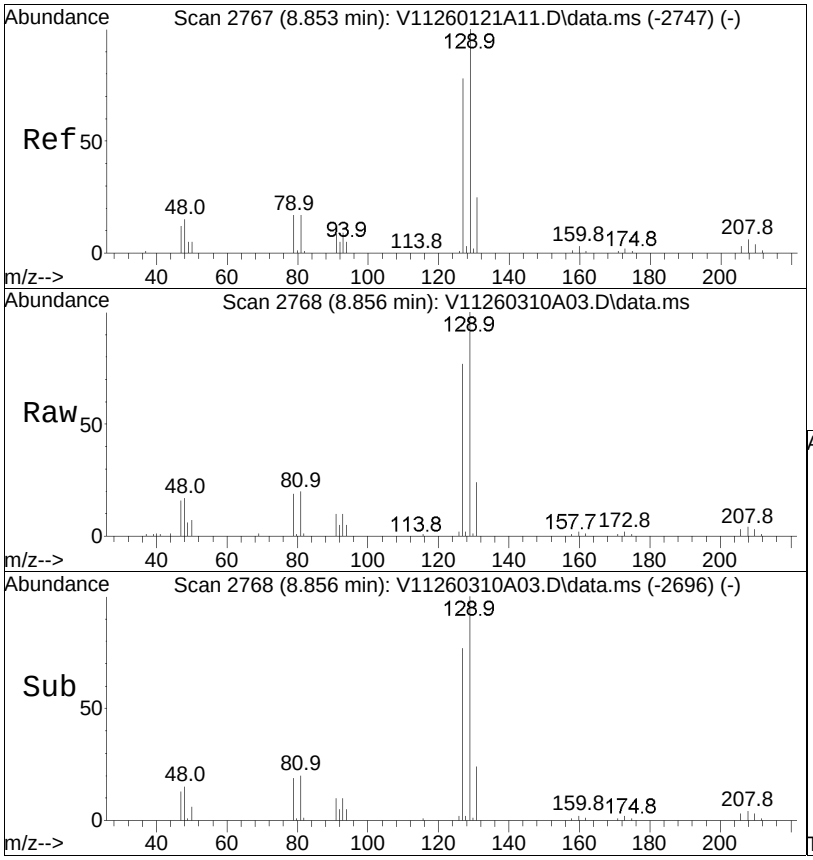


#68
1,1,2-Trichloroethane
Concen: 29.05 ug/L
RT: 8.636 min Scan# 2689
Delta R.T. -0.008 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 83 Resp: 63731

Ion	Ratio	Lower	Upper
83	100		
97	114.4	97.6	137.6
85	66.4	46.8	86.8

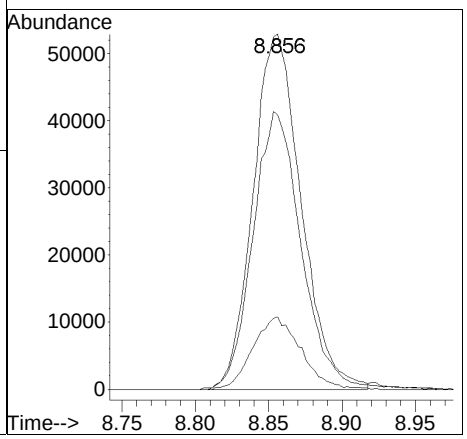


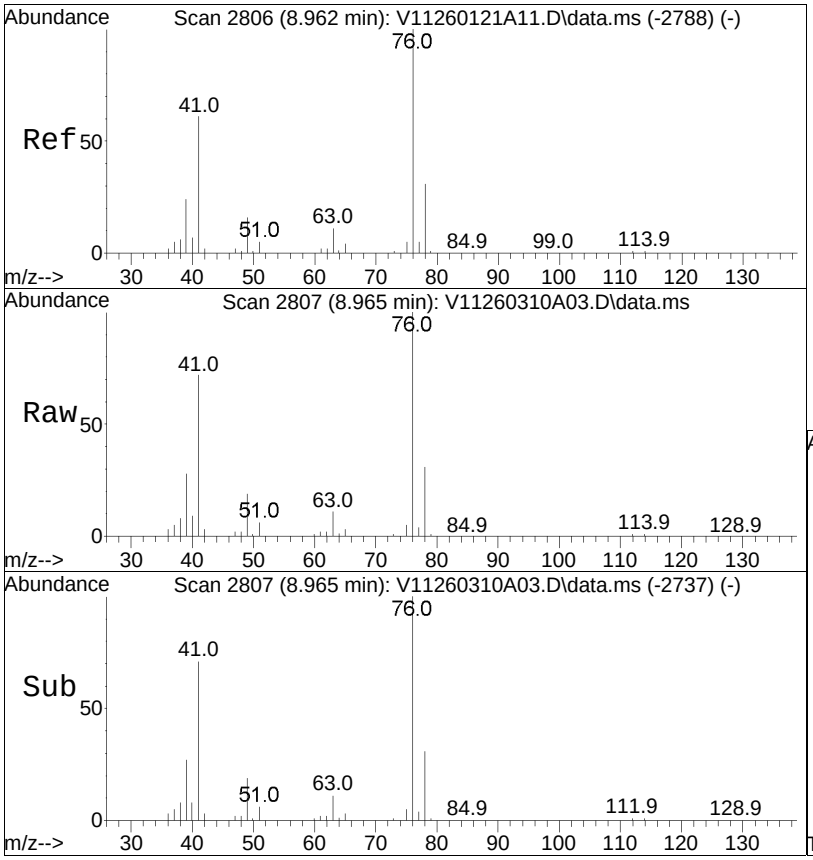


#69
Chlorodibromomethane
Concen: 37.51 ug/L
RT: 8.856 min Scan# 2768
Delta R.T. -0.000 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:129 Resp: 120760

Ion	Ratio	Lower	Upper
129	100		
81	20.4	0.0	36.0
127	78.1	56.0	96.0

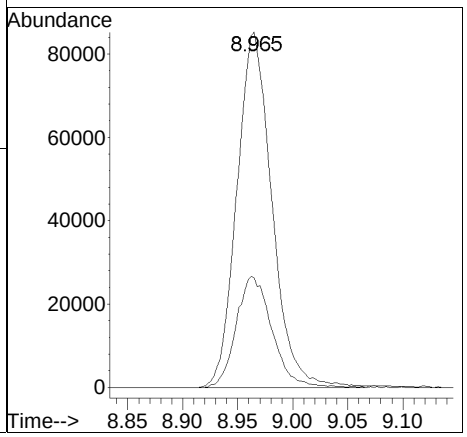


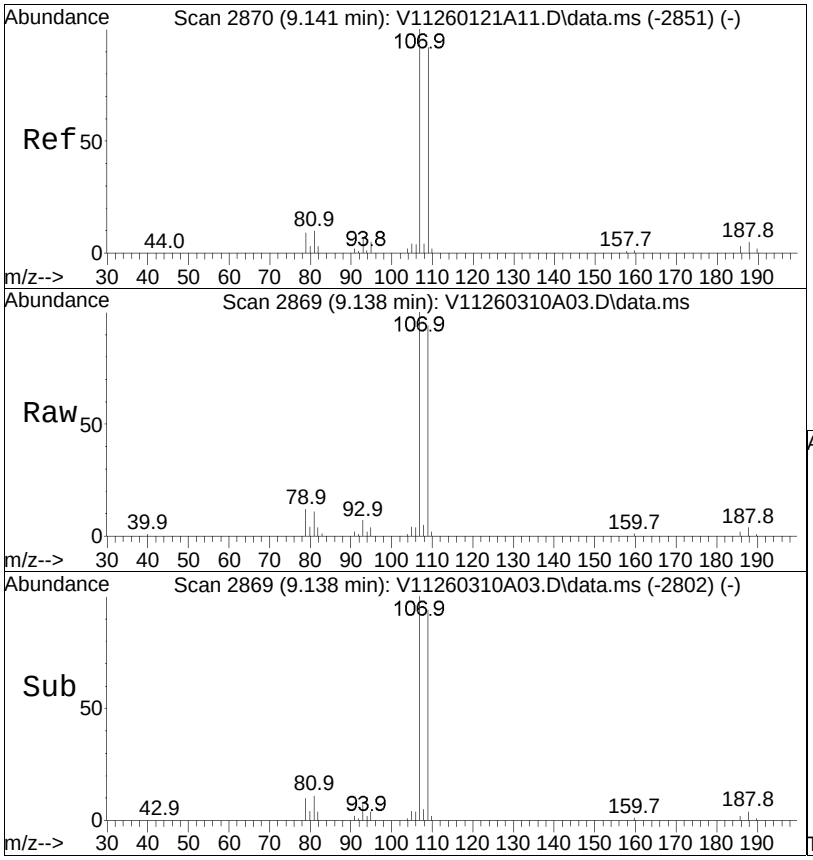


#70
1,3-Dichloropropane
Concen: 43.54 ug/L
RT: 8.965 min Scan# 2807
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 76 Resp: 189100

Ion	Ratio	Lower	Upper
76	100		
78	31.6	25.9	38.9

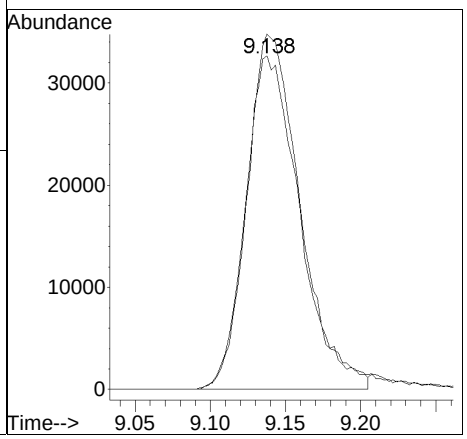


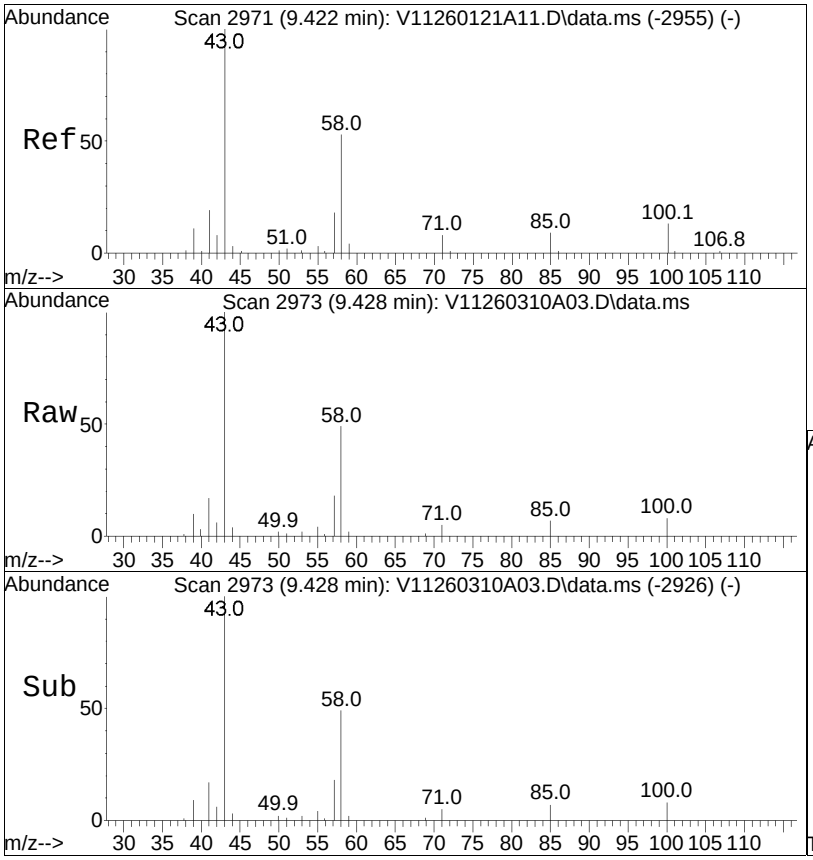


#71
1,2-Dibromoethane
Concen: 35.34 ug/L
RT: 9.138 min Scan# 2869
Delta R.T. -0.014 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:107 Resp: 86403

Ion	Ratio	Lower	Upper
107	100		
109	95.2	76.2	114.4

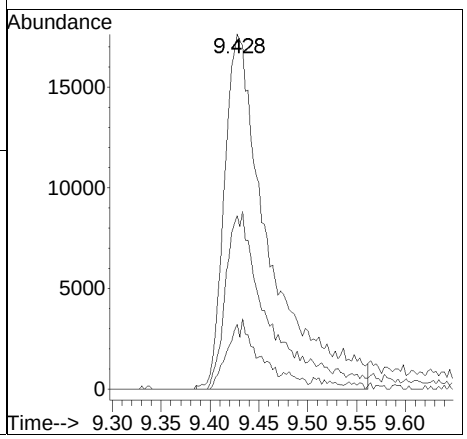


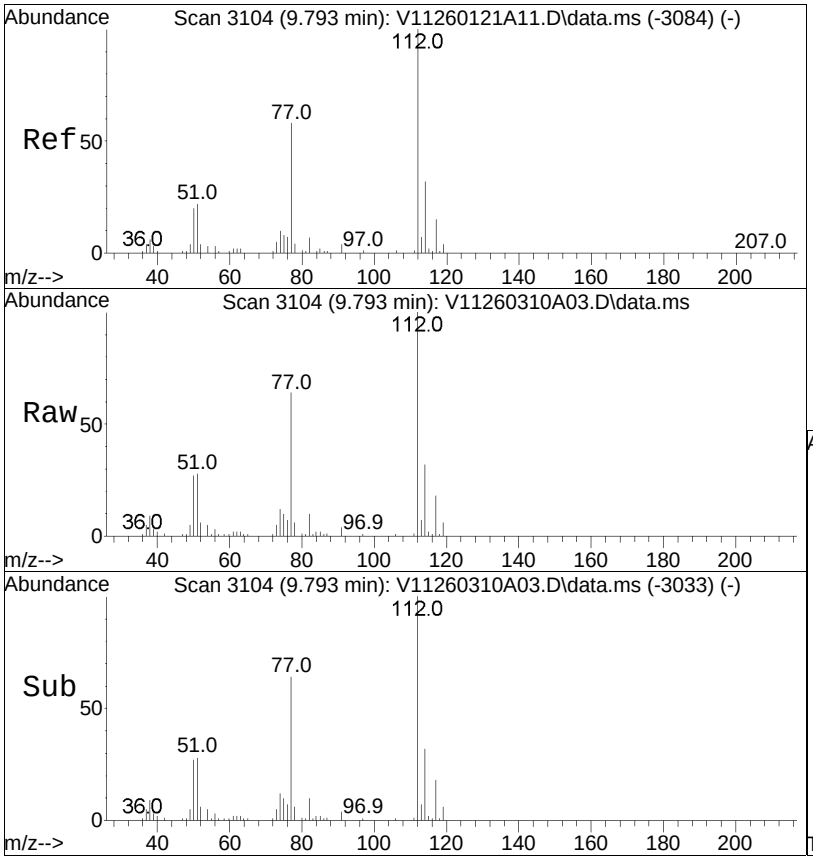


#72
2-Hexanone
Concen: 42.49 ug/L M1
RT: 9.428 min Scan# 2973
Delta R.T. -0.070 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 43 Resp: 56604

Ion	Ratio	Lower	Upper
43	100		
58	42.5	37.9	56.9
57	5.7	12.6	19.0#

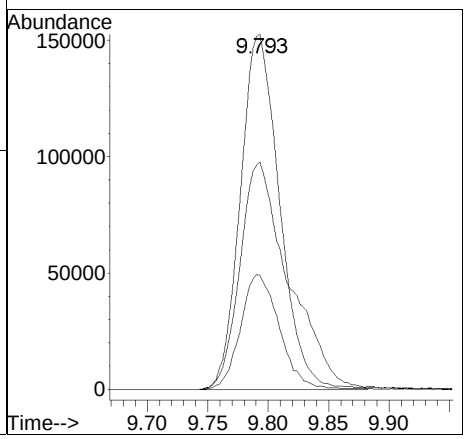


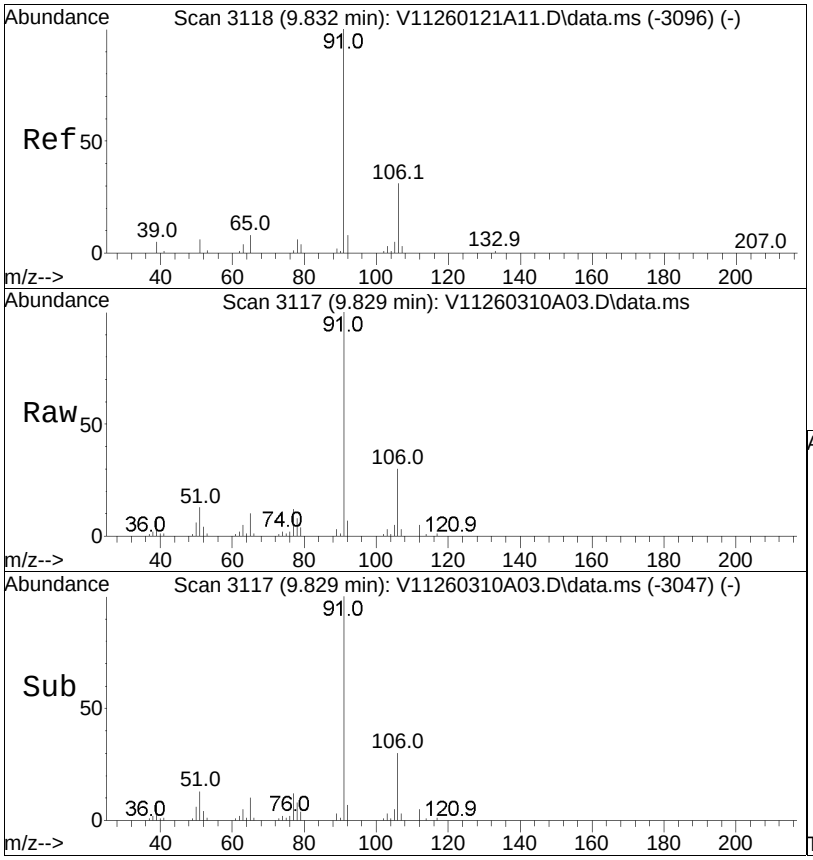


#73
Chlorobenzene
Concen: 40.88 ug/L
RT: 9.793 min Scan# 3104
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:112 Resp: 343504

Ion	Ratio	Lower	Upper
112	100		
77	80.1	47.0	70.4#
114	32.1	25.9	38.9

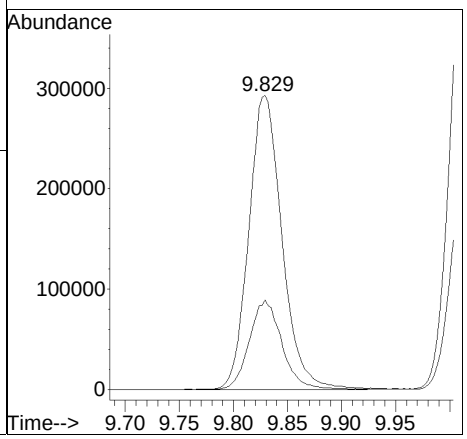


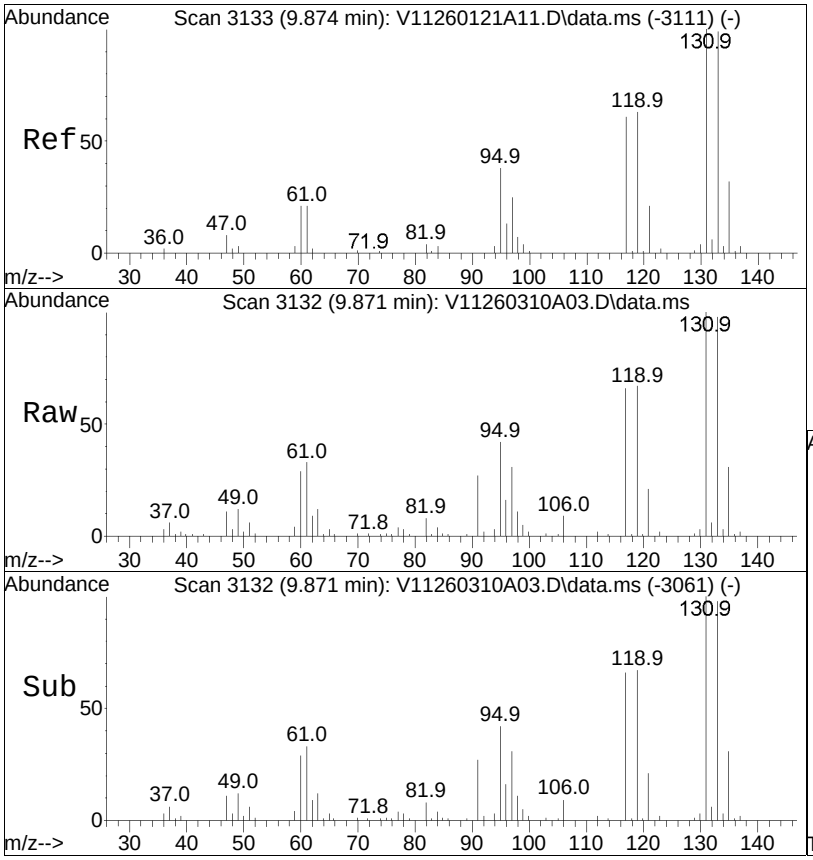


#74
Ethylbenzene
Concen: 44.55 ug/L
RT: 9.829 min Scan# 3117
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 91 Resp: 625484

Ion	Ratio	Lower	Upper
91	100		
106	29.6	25.0	37.4

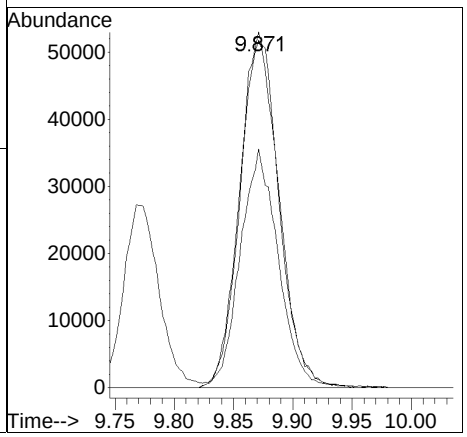


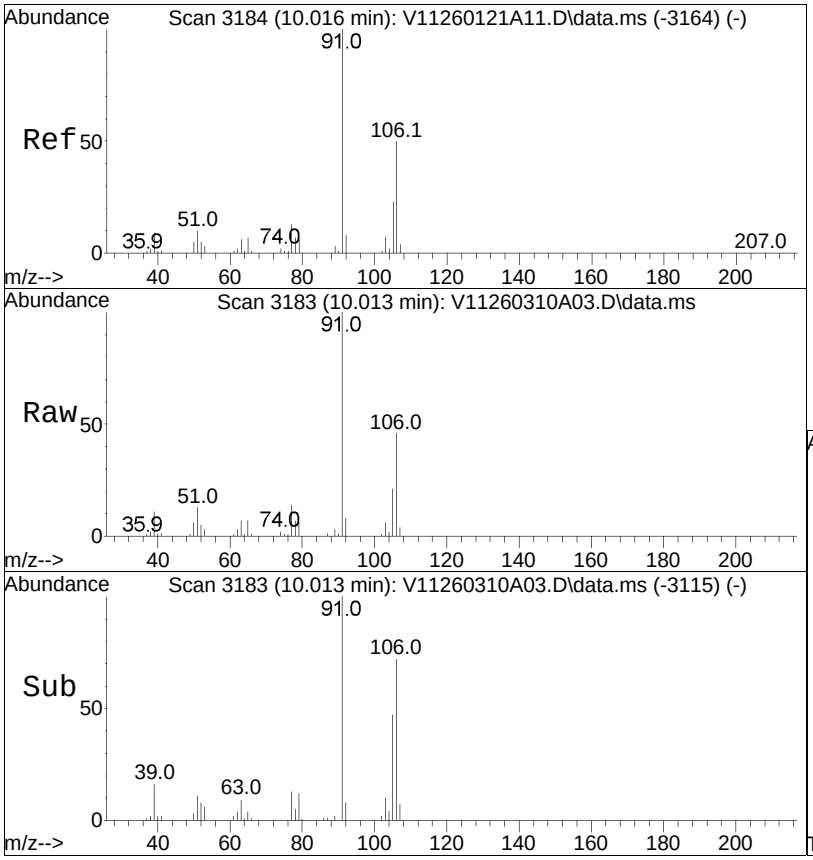


#75
1,1,1,2-Tetrachloroethane
Concen: 38.40 ug/L
RT: 9.871 min Scan# 3132
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:131 Resp: 123232

Ion	Ratio	Lower	Upper
131	100		
133	95.9	75.2	115.2
119	64.2	44.7	84.7

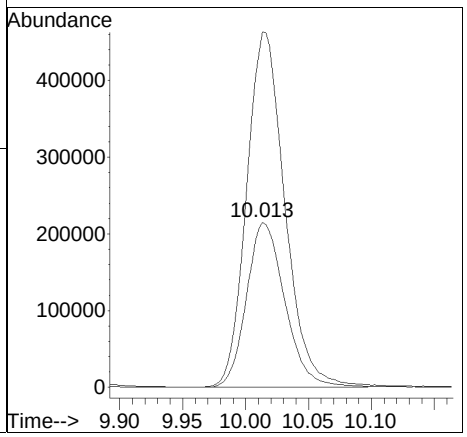


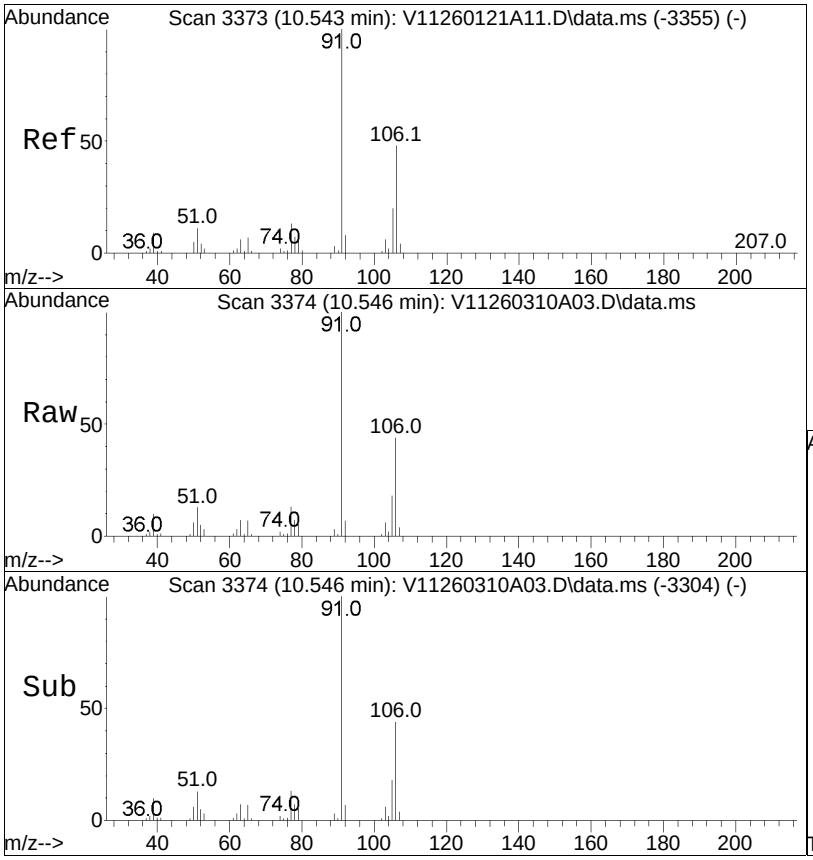


#76
p/m Xylene
Concen: 85.97 ug/L
RT: 10.013 min Scan# 3183
Delta R.T. -0.011 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:106 Resp: 455729

Ion	Ratio	Lower	Upper
106	100		
91	215.1	159.3	238.9

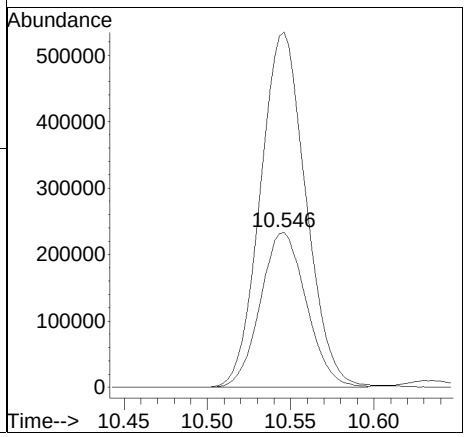


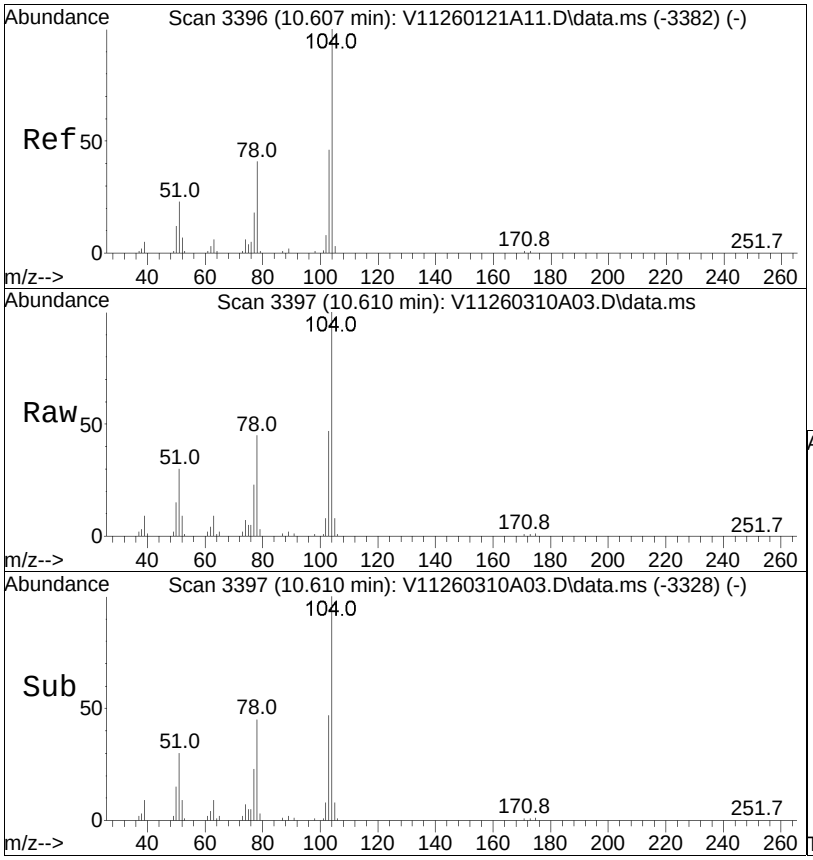


#77
o Xylene
Concen: 82.79 ug/L
RT: 10.546 min Scan# 3374
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:106 Resp: 447914

Ion	Ratio	Lower	Upper
106	100		
91	226.8	170.2	255.2

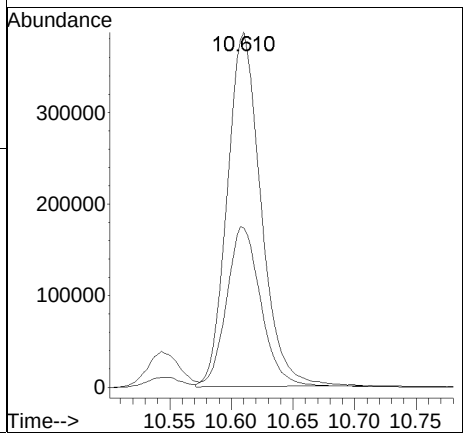


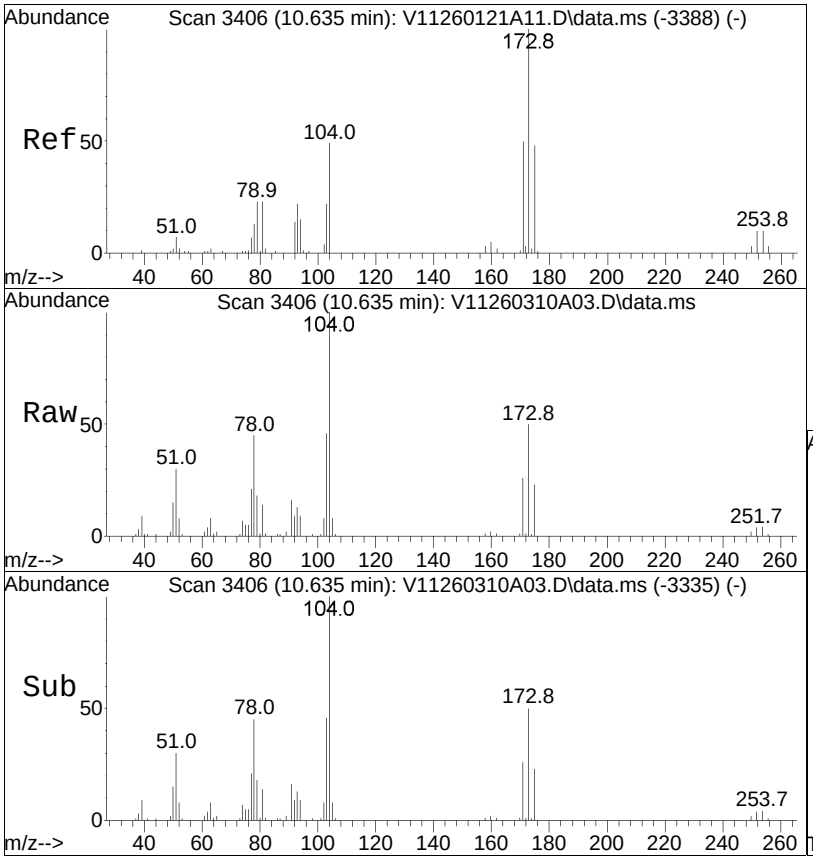


#78
Styrene
Concen: 81.36 ug/L
RT: 10.610 min Scan# 3397
Delta R.T. -0.008 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:104 Resp: 737669

Ion	Ratio	Lower	Upper
104	100		
78	45.6	34.4	51.6

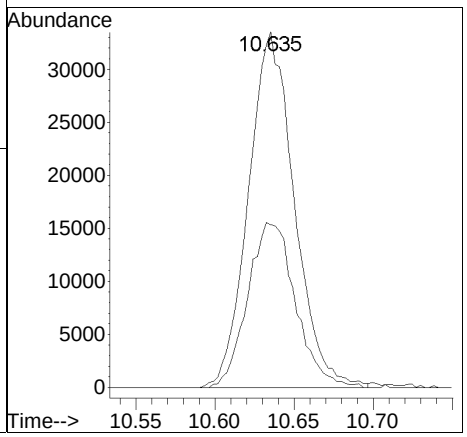


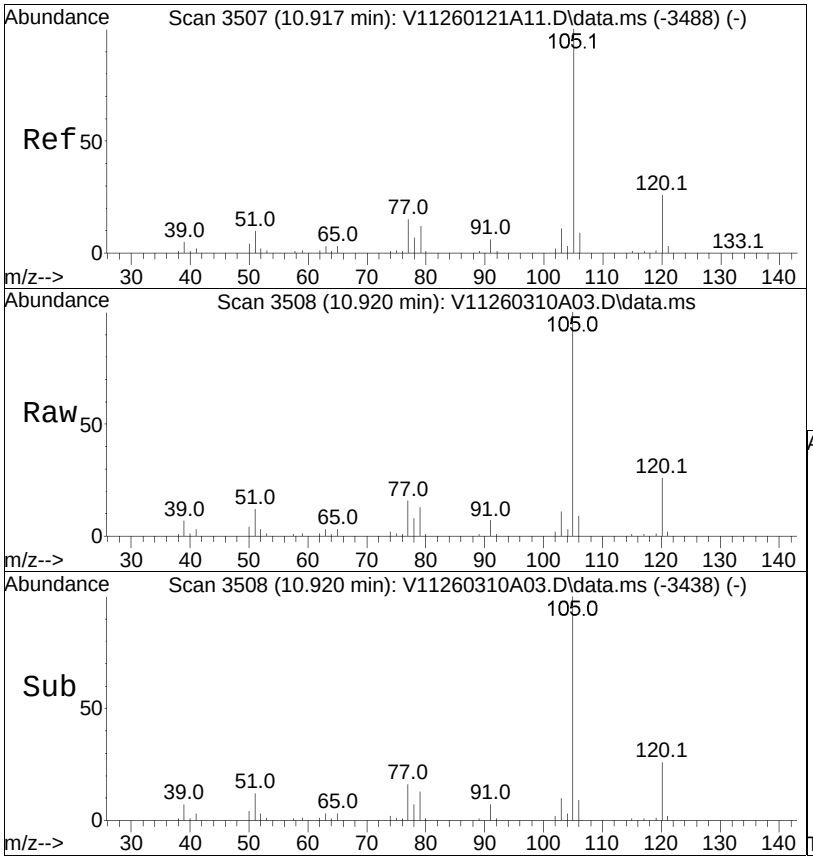


#80
Bromoform
Concen: 35.56 ug/L
RT: 10.635 min Scan# 3406
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:173 Resp: 67552

Ion	Ratio	Lower	Upper
173	100		
175	48.3	28.1	68.1

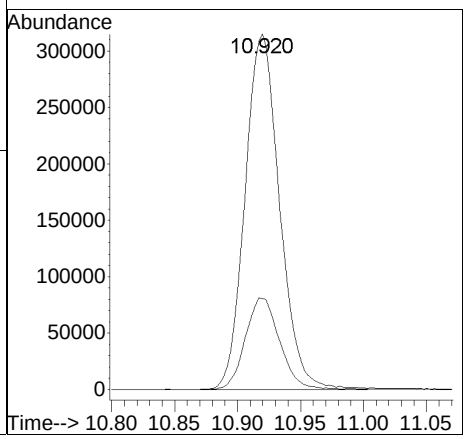


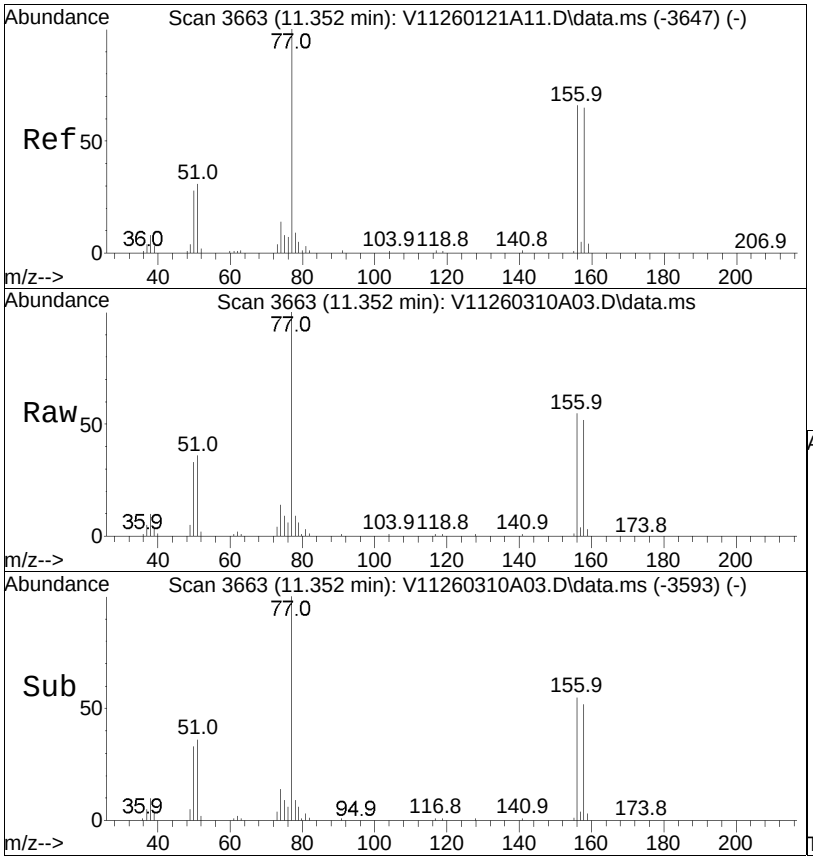


#82
Isopropylbenzene
Concen: 47.53 ug/L
RT: 10.920 min Scan# 3508
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:105 Resp: 602221

Ion	Ratio	Lower	Upper
105	100		
120	25.4	6.9	46.9

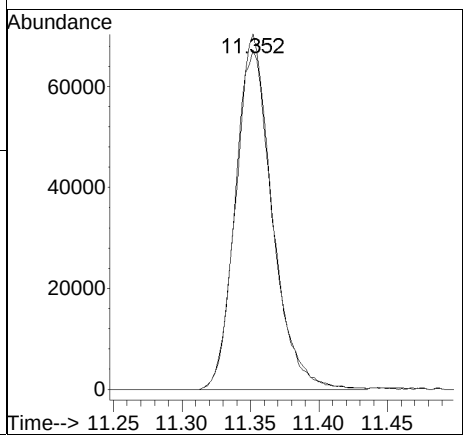


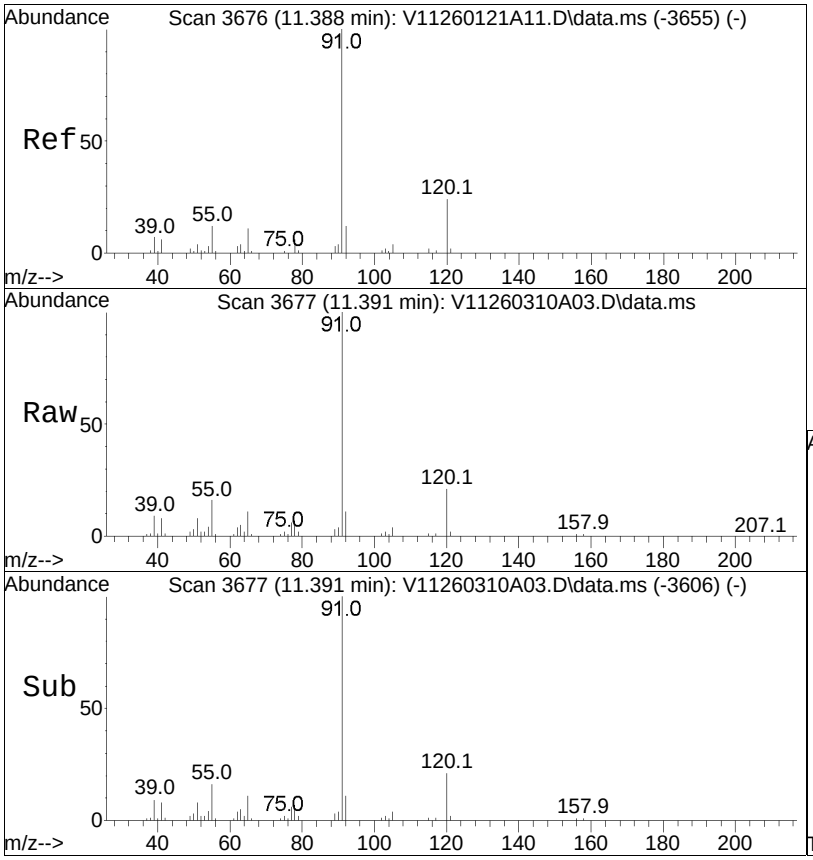


#84
Bromobenzene
Concen: 38.36 ug/L
RT: 11.352 min Scan# 3663
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:156 Resp: 130497

Ion	Ratio	Lower	Upper
156	100		
158	97.4	77.5	116.3

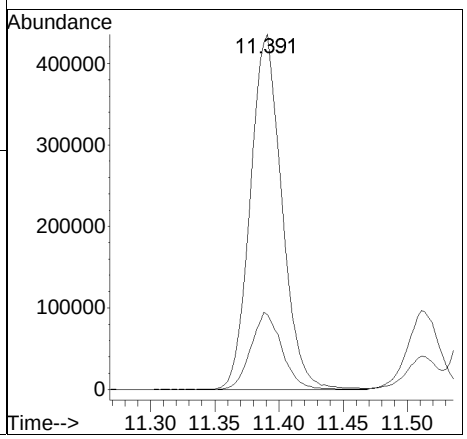


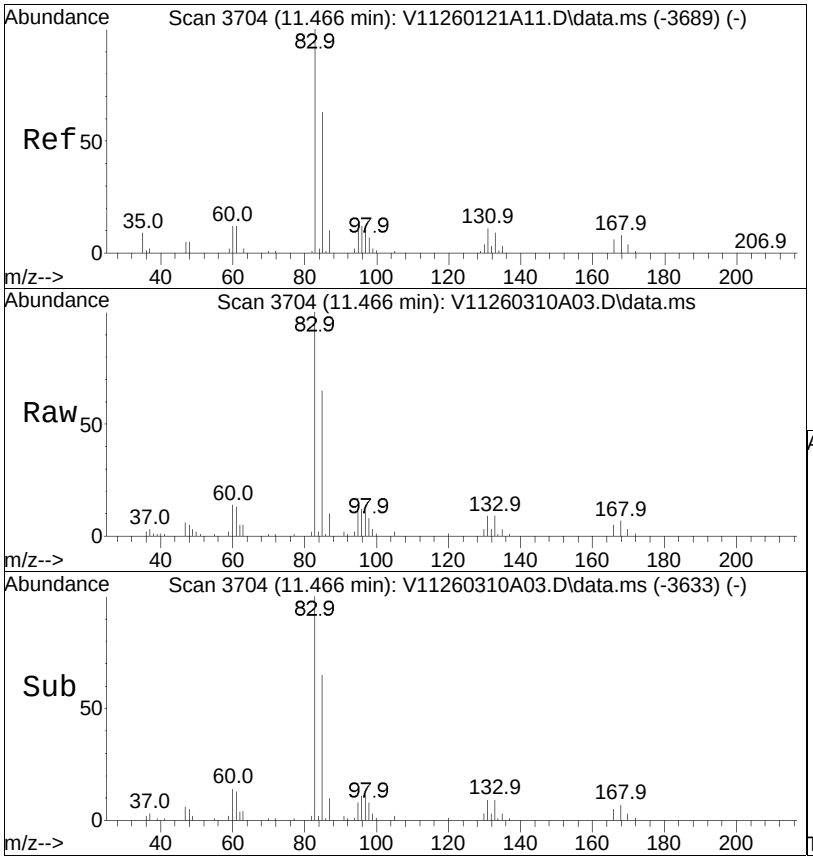


#85
n-Propylbenzene
Concen: 50.29 ug/L
RT: 11.391 min Scan# 3677
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 91 Resp: 744972

Ion	Ratio	Lower	Upper
91	100		
120	21.2	18.6	27.8

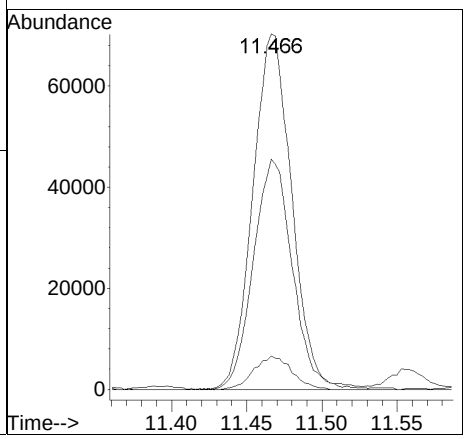


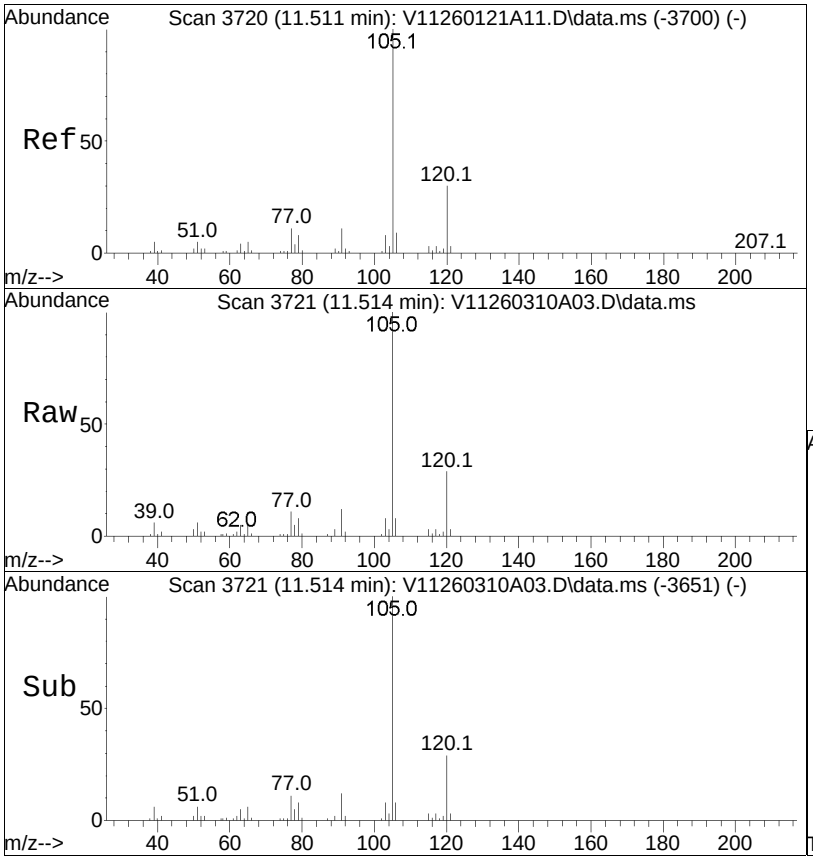


#87
1,1,2,2-Tetrachloroethane
Concen: 41.51 ug/L
RT: 11.466 min Scan# 3704
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 83 Resp: 126445

Ion	Ratio	Lower	Upper
83	100		
131	9.1	0.0	30.1
85	65.5	45.8	85.8

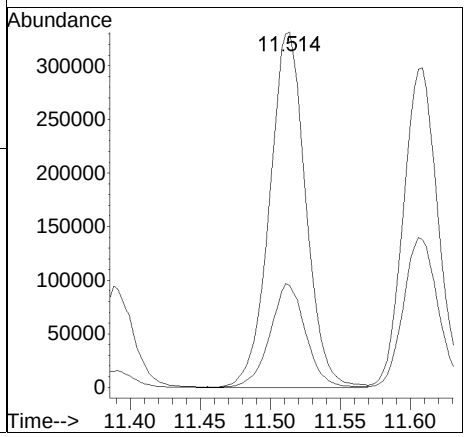


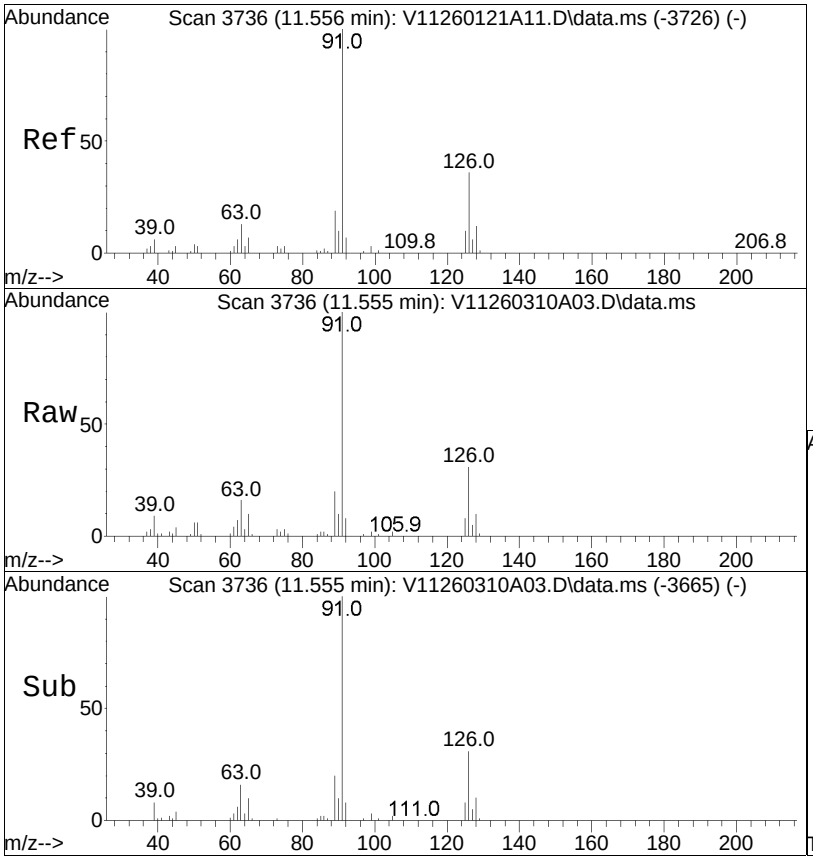


#88
4-Ethyltoluene
Concen: 47.59 ug/L
RT: 11.514 min Scan# 3721
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:105 Resp: 594636

Ion	Ratio	Lower	Upper
105	100		
120	28.4	19.5	40.5

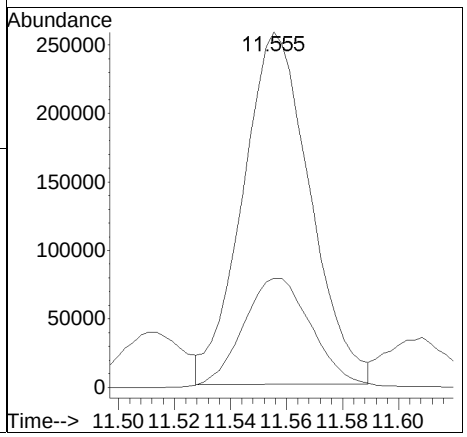


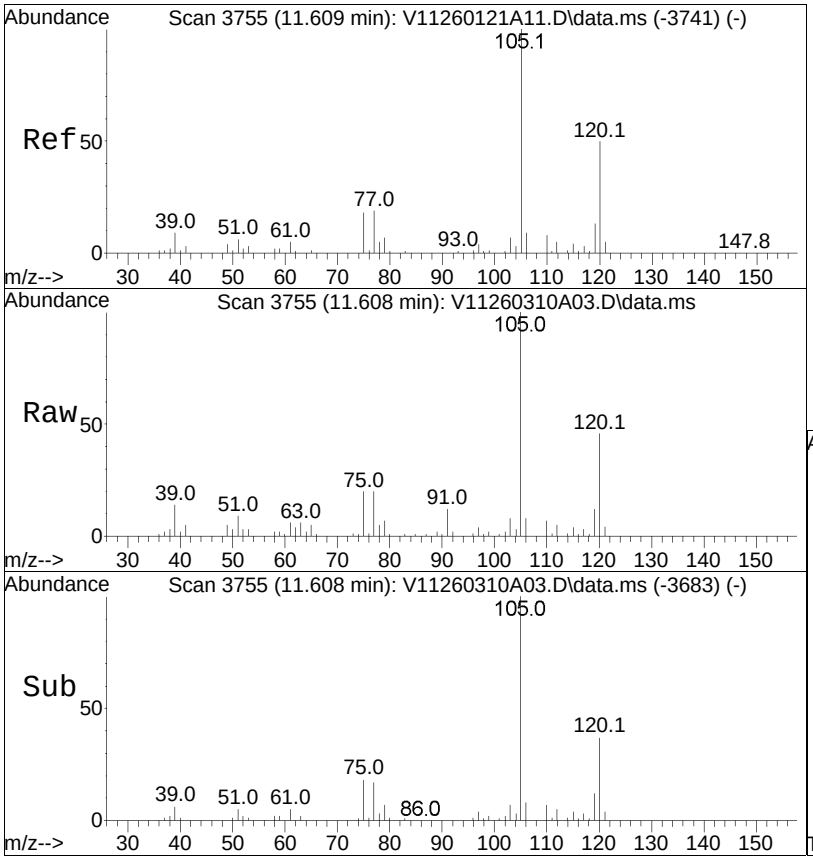


#89
2-Chlorotoluene
Concen: 47.68 ug/L
RT: 11.555 min Scan# 3736
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 91 Resp: 430291

Ion	Ratio	Lower	Upper
91	100		
126	32.0	24.3	36.5

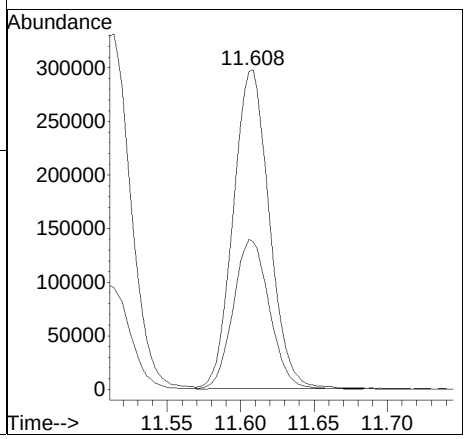


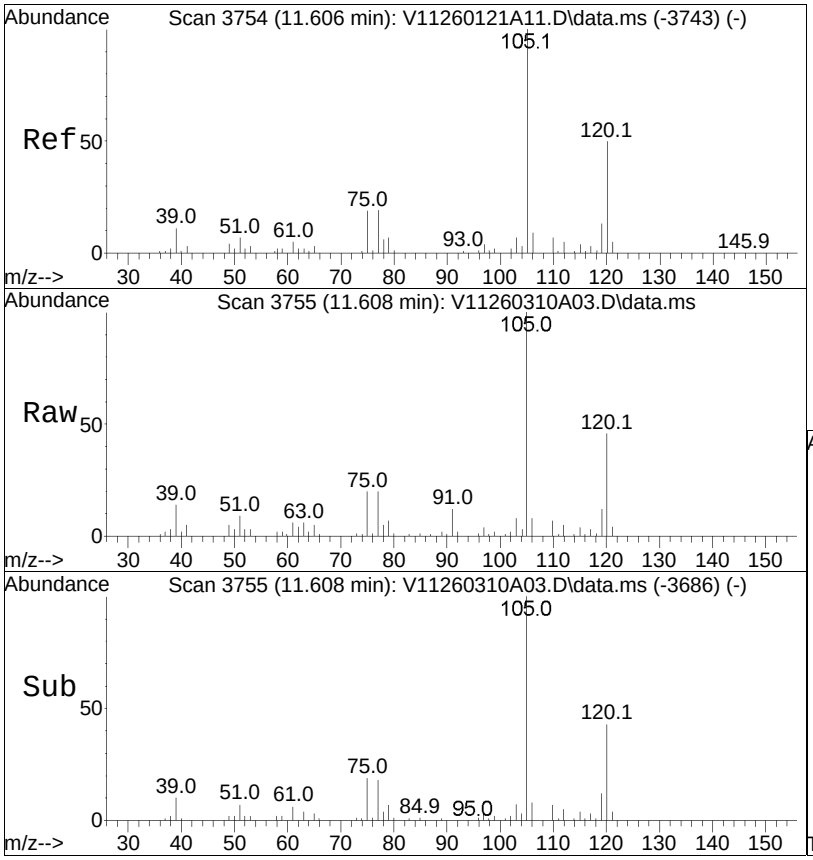


#90
1,3,5-Trimethylbenzene
Concen: 46.63 ug/L
RT: 11.608 min Scan# 3755
Delta R.T. -0.000 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:105 Resp: 509050

Ion	Ratio	Lower	Upper
105	100		
120	46.9	39.8	59.8

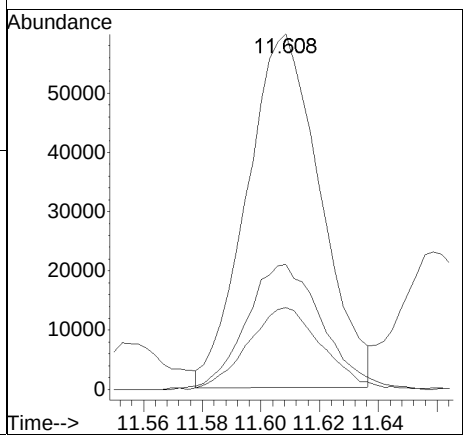


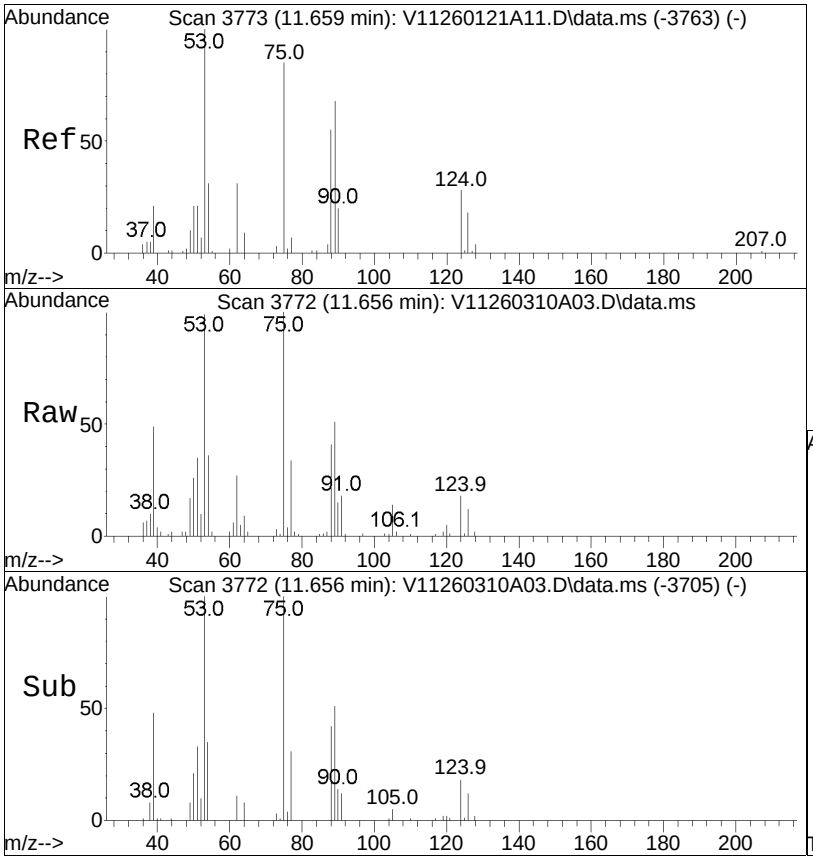


#91
1,2,3-Trichloropropane
Concen: 44.36 ug/L
RT: 11.608 min Scan# 3755
Delta R.T. -0.008 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 75 Resp: 103832

Ion	Ratio	Lower	Upper
75	100		
110	36.7	25.2	52.2
112	23.4	15.7	32.5

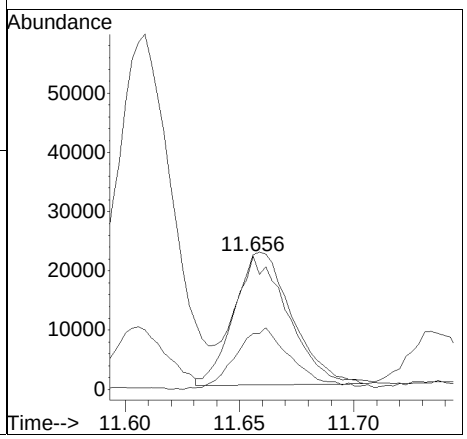


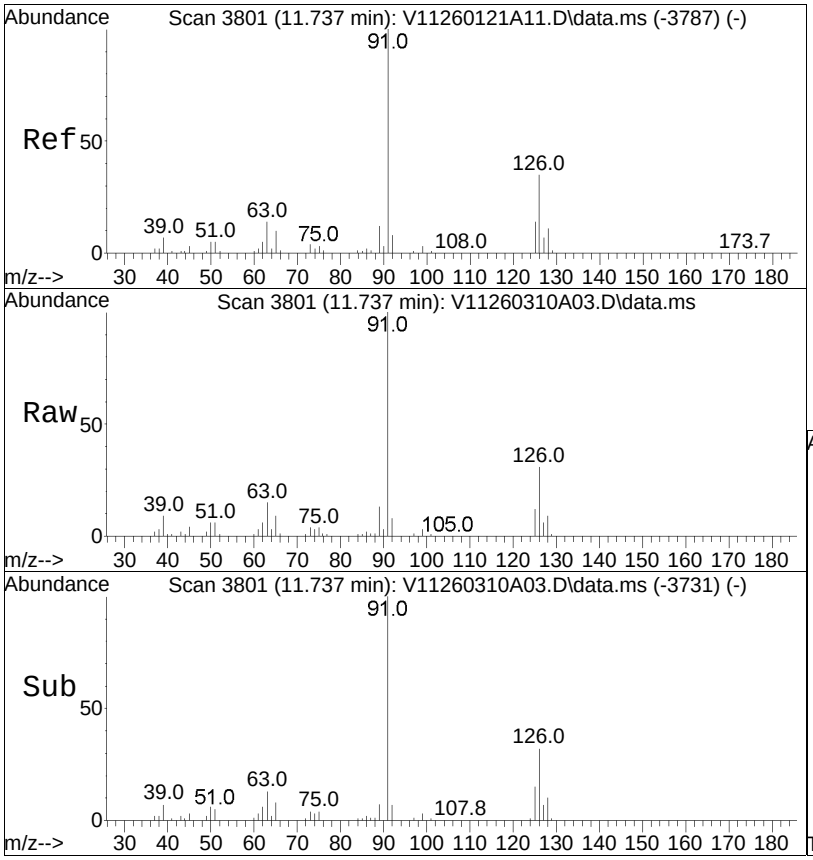


#92
trans-1,4-Dichloro-2-butene
Concen: 42.16 ug/L
RT: 11.656 min Scan# 3772
Delta R.T. -0.014 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 53 Resp: 36037

Ion	Ratio	Lower	Upper
53	100		
88	50.5	34.1	51.1
75	111.4	82.8	124.2

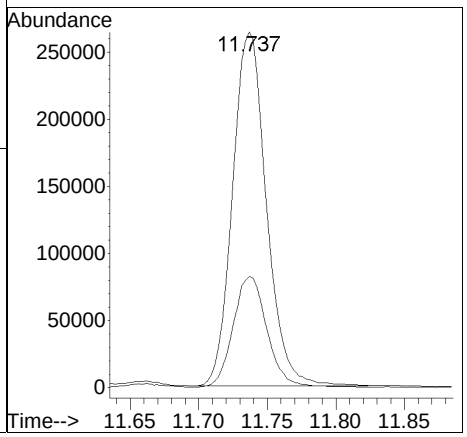


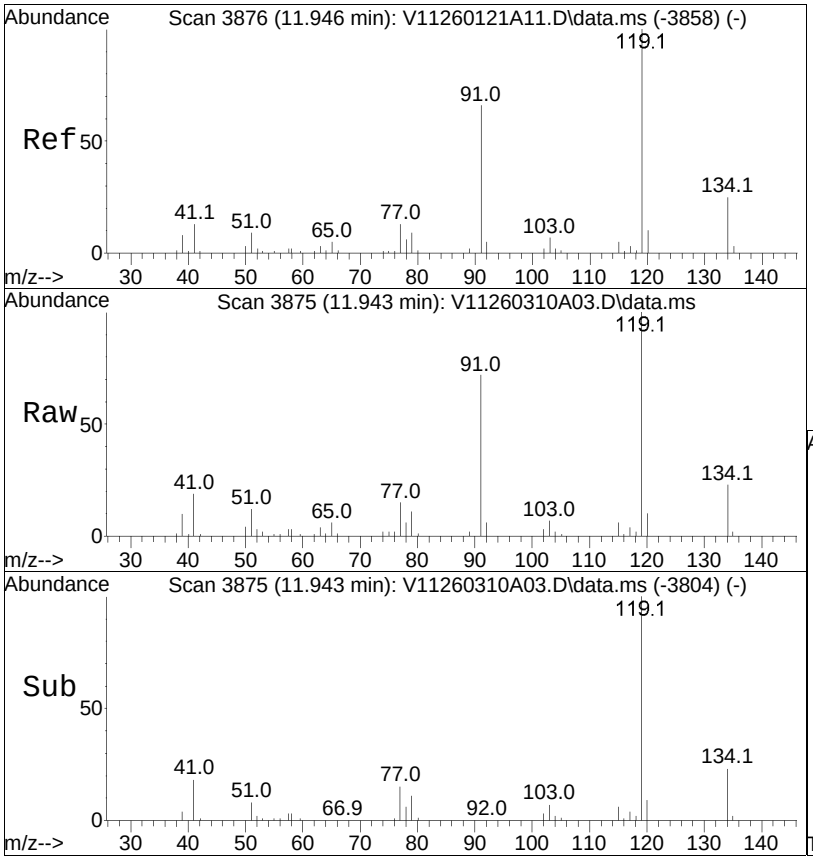


#93
4-Chlorotoluene
Concen: 48.36 ug/L
RT: 11.737 min Scan# 3801
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 91 Resp: 453702

Ion	Ratio	Lower	Upper
91	100		
126	30.9	27.9	41.9

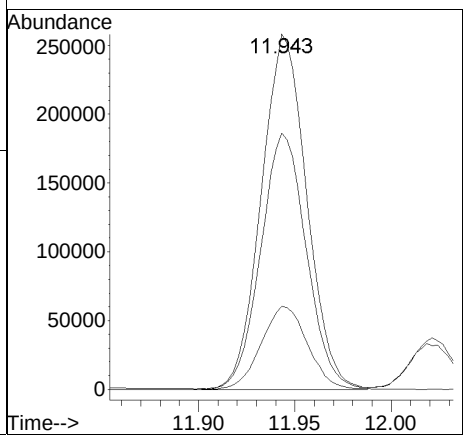


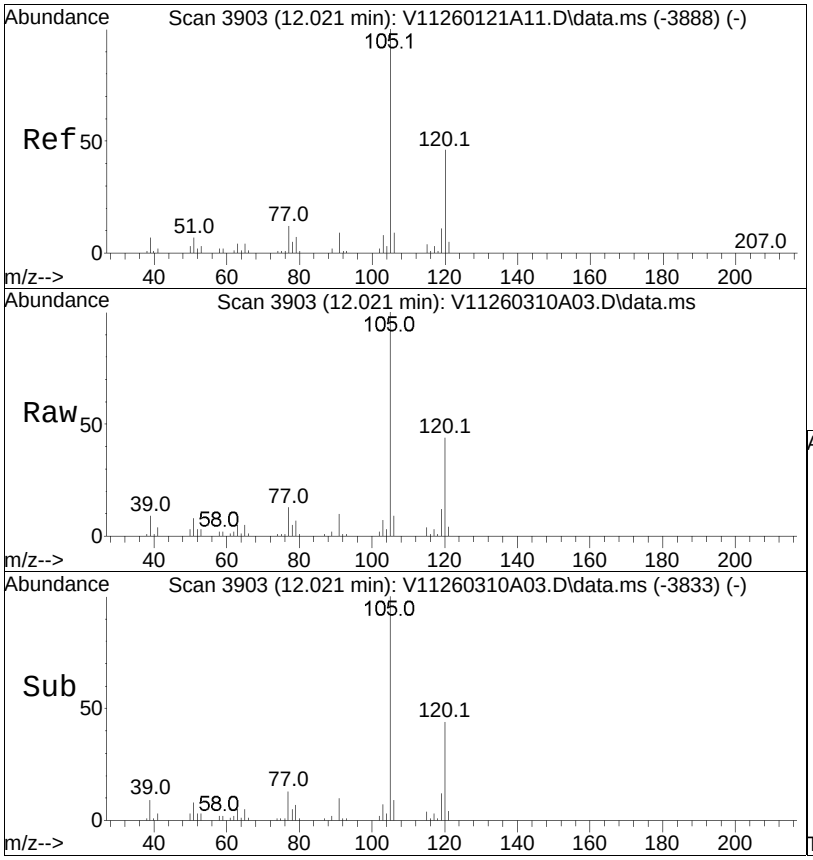


#94
tert-Butylbenzene
Concen: 46.28 ug/L
RT: 11.943 min Scan# 3875
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:119 Resp: 422802

Ion	Ratio	Lower	Upper
119	100		
91	72.2	53.0	79.4
134	23.9	19.8	29.6

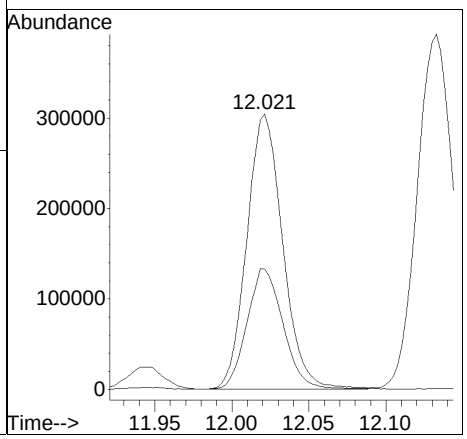


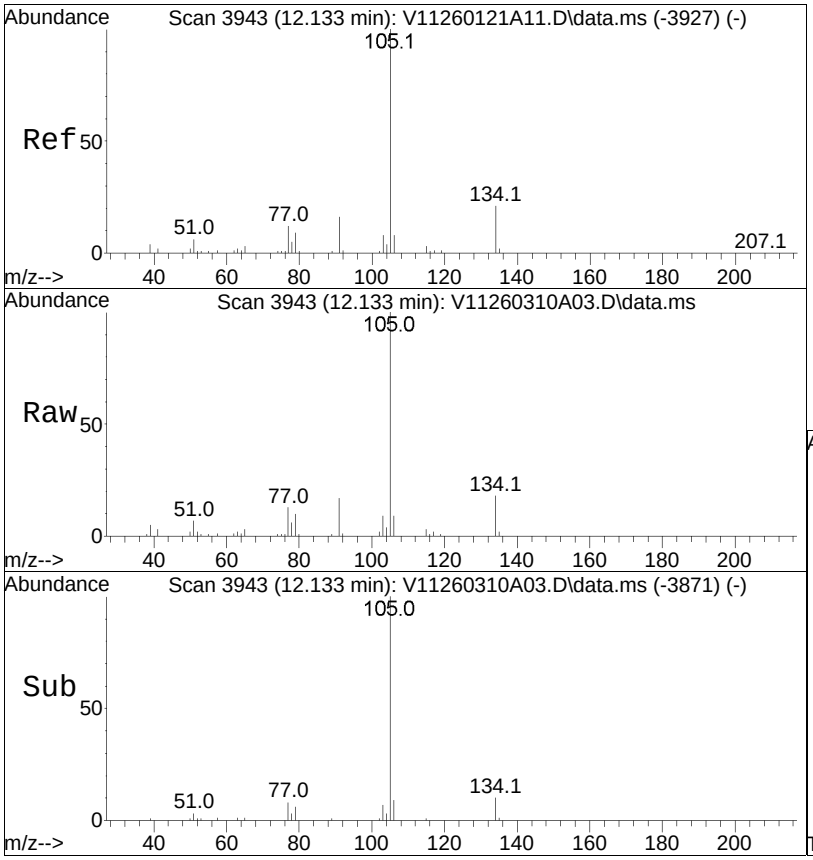


#97
1,2,4-Trimethylbenzene
Concen: 45.95 ug/L
RT: 12.021 min Scan# 3903
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:105 Resp: 494424

Ion	Ratio	Lower	Upper
105	100		
120	43.8	37.4	56.0

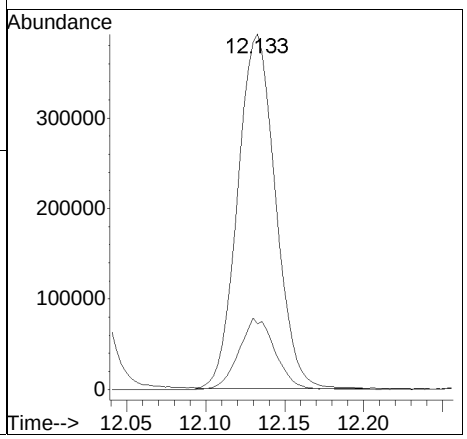


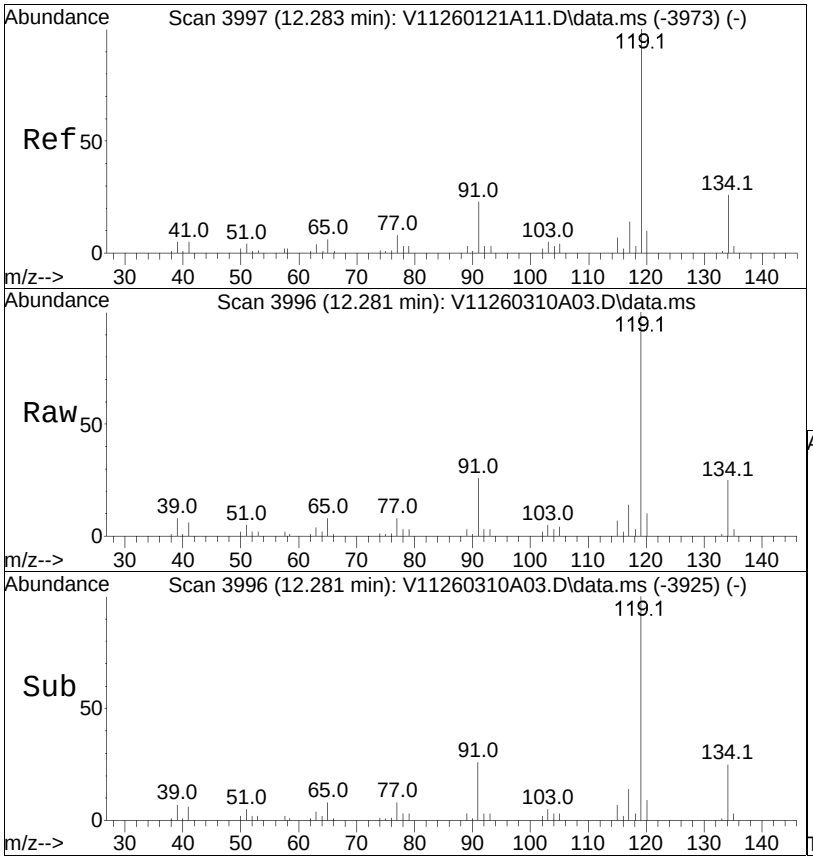


#98
sec-Butylbenzene
Concen: 48.29 ug/L
RT: 12.133 min Scan# 3943
Delta R.T. -0.000 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:105 Resp: 650666

Ion	Ratio	Lower	Upper
105	100		
134	19.1	13.2	27.4

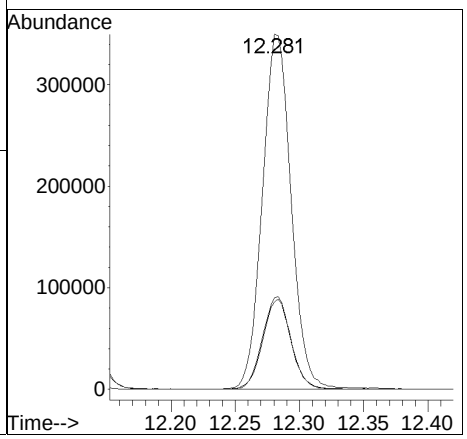


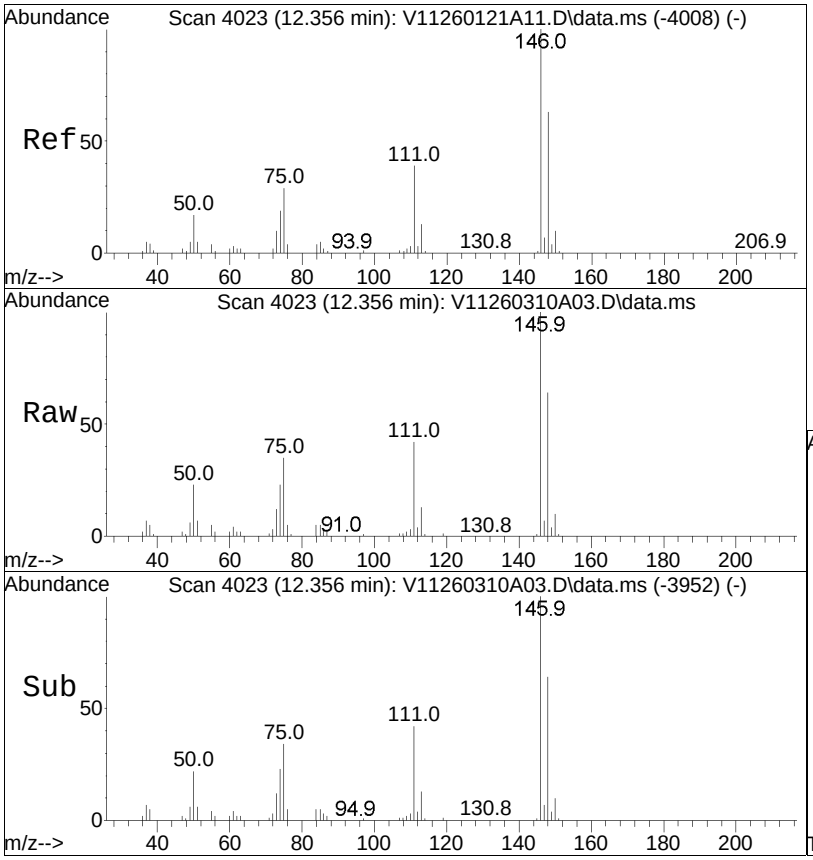


#99
p-Isopropyltoluene
Concen: 46.37 ug/L
RT: 12.281 min Scan# 3996
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:119 Resp: 545703

Ion	Ratio	Lower	Upper
119	100		
134	25.2	17.1	35.5
91	25.6	15.3	31.9

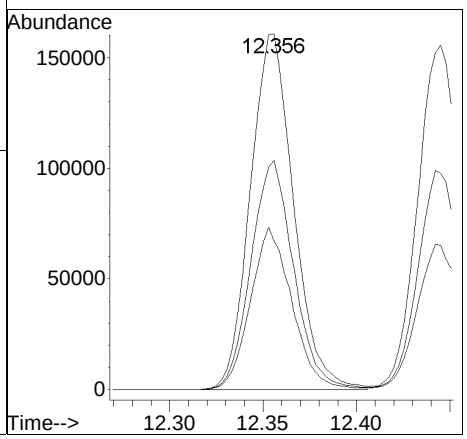


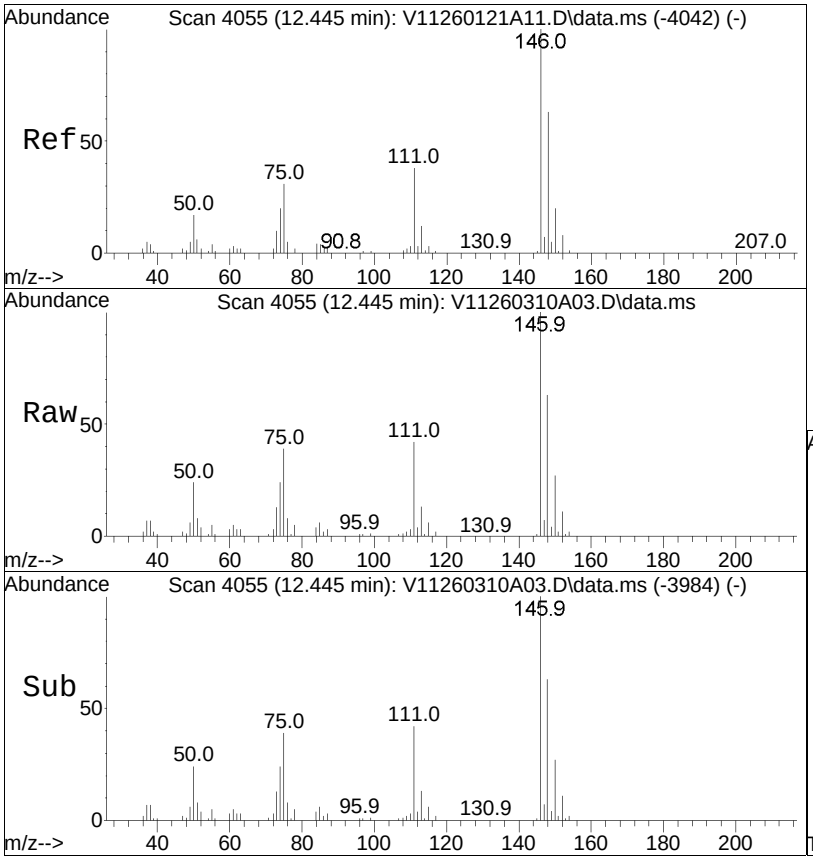


#100
1,3-Dichlorobenzene
Concen: 40.82 ug/L
RT: 12.356 min Scan# 4023
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:146 Resp: 258971

Ion	Ratio	Lower	Upper
146	100		
111	43.7	25.6	53.2
148	63.5	41.3	85.9

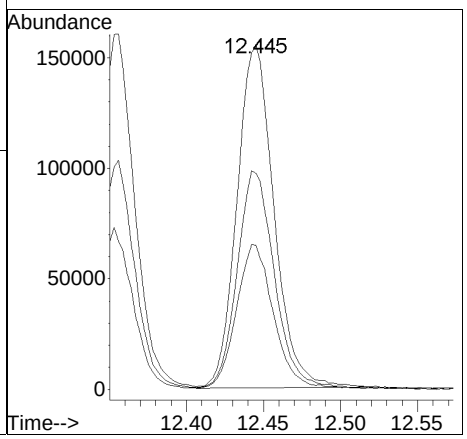


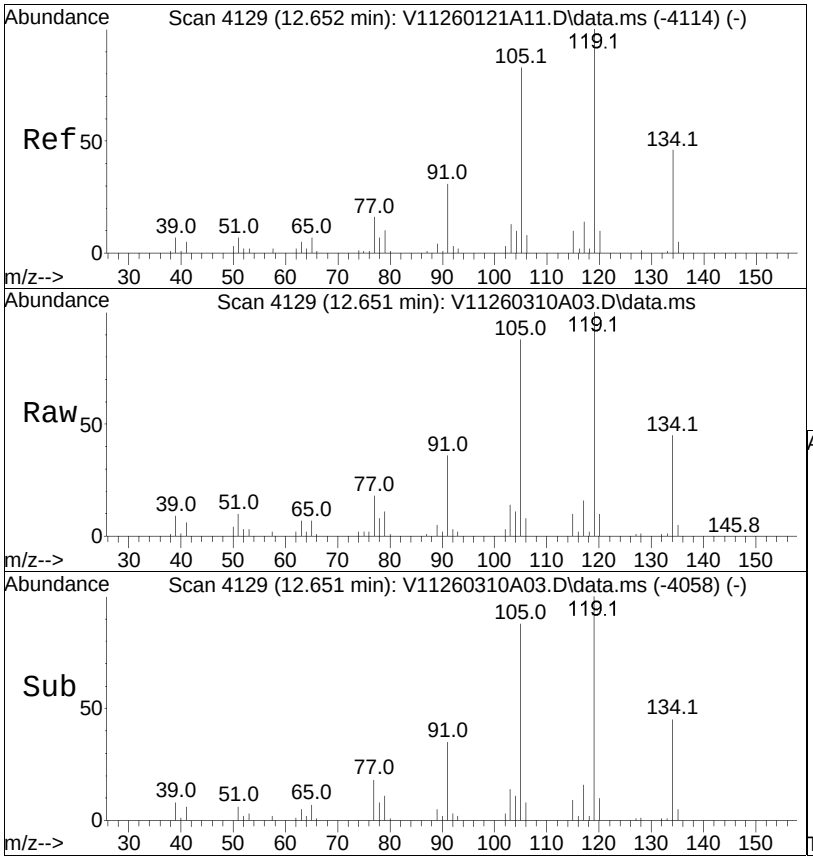


#101
1,4-Dichlorobenzene
Concen: 38.78 ug/L
RT: 12.445 min Scan# 4055
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:146 Resp: 258985

Ion	Ratio	Lower	Upper
146	100		
111	42.3	31.4	47.0
148	63.4	50.7	76.1

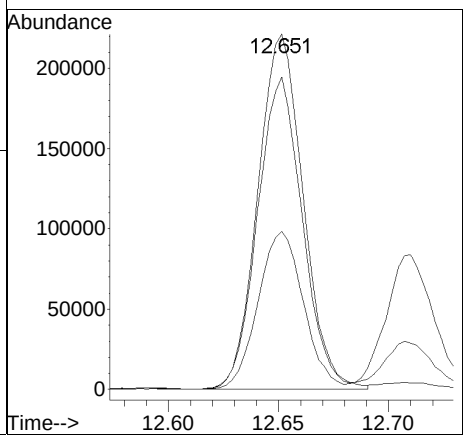


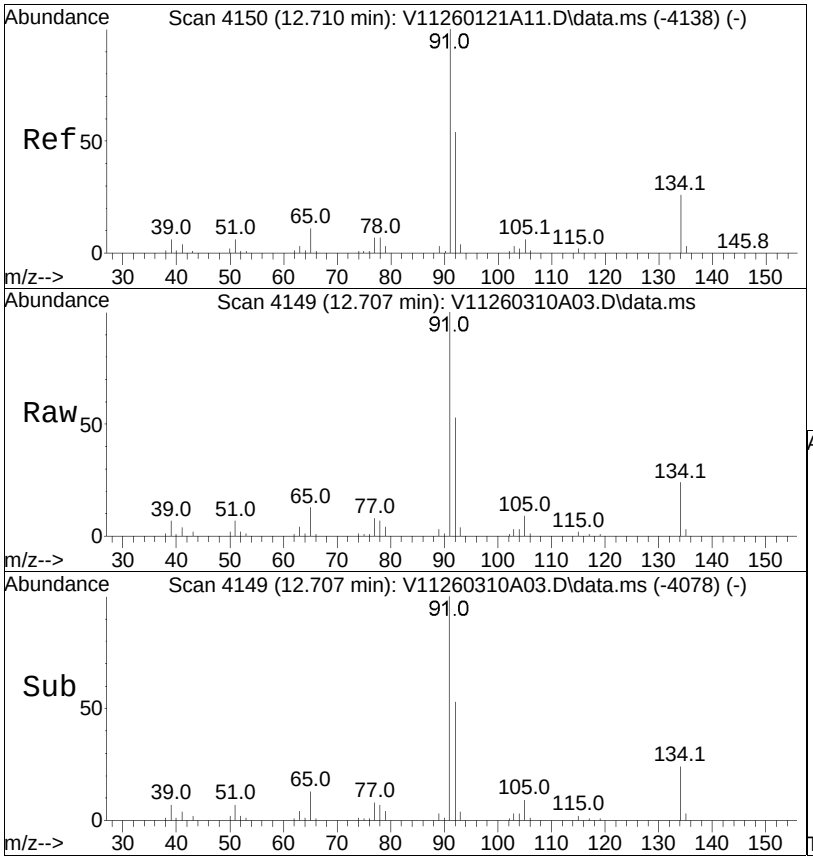


#102
p-Diethylbenzene
Concen: 45.19 ug/L
RT: 12.651 min Scan# 4129
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:119 Resp: 315916

Ion	Ratio	Lower	Upper
119	100		
105	86.8	54.5	113.3
134	44.8	29.9	62.1

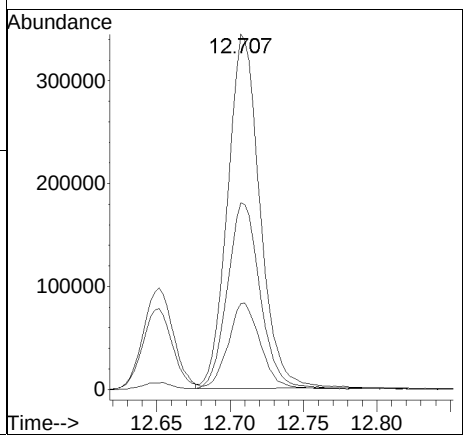


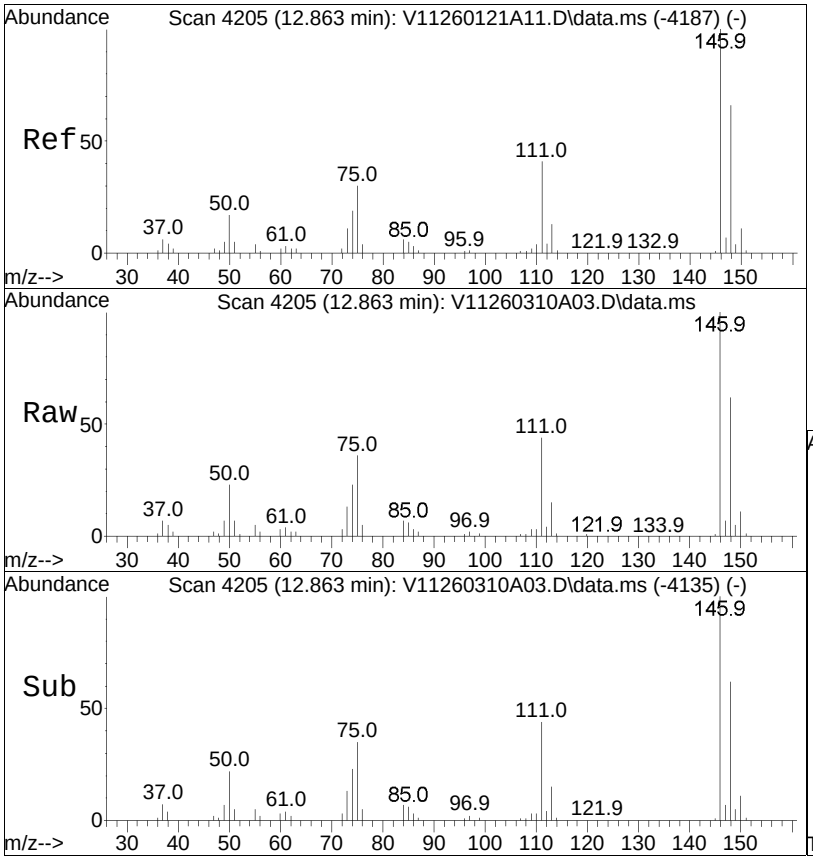


#103
n-Butylbenzene
Concen: 49.58 ug/L
RT: 12.707 min Scan# 4149
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 91 Resp: 526739

Ion	Ratio	Lower	Upper
91	100		
92	53.4	43.3	64.9
134	24.5	21.4	32.0

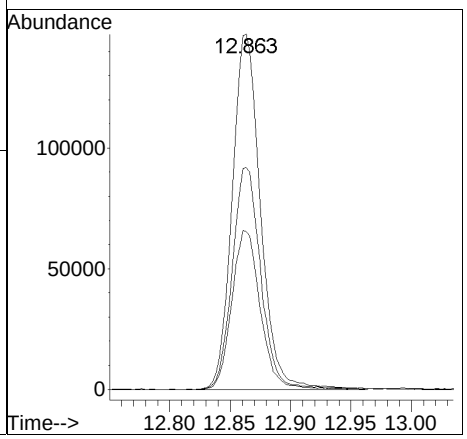


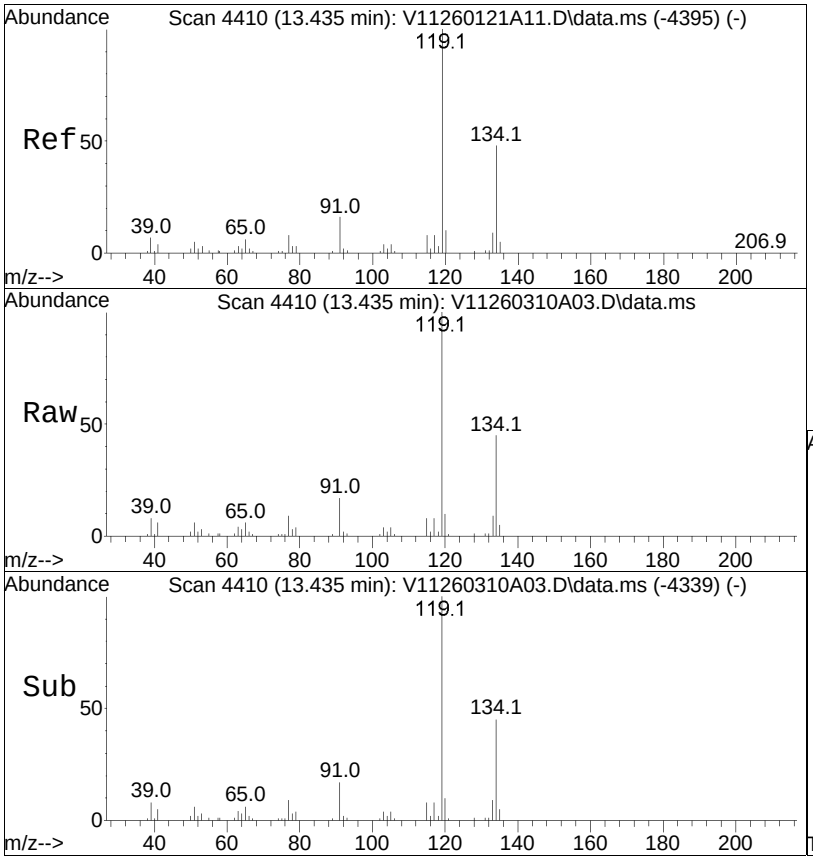


#104
1,2-Dichlorobenzene
Concen: 40.19 ug/L
RT: 12.863 min Scan# 4205
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:146 Resp: 240242

Ion	Ratio	Lower	Upper
146	100		
111	44.8	26.9	55.9
148	62.6	41.2	85.6

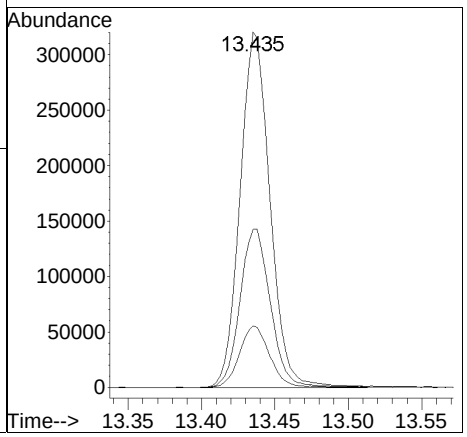


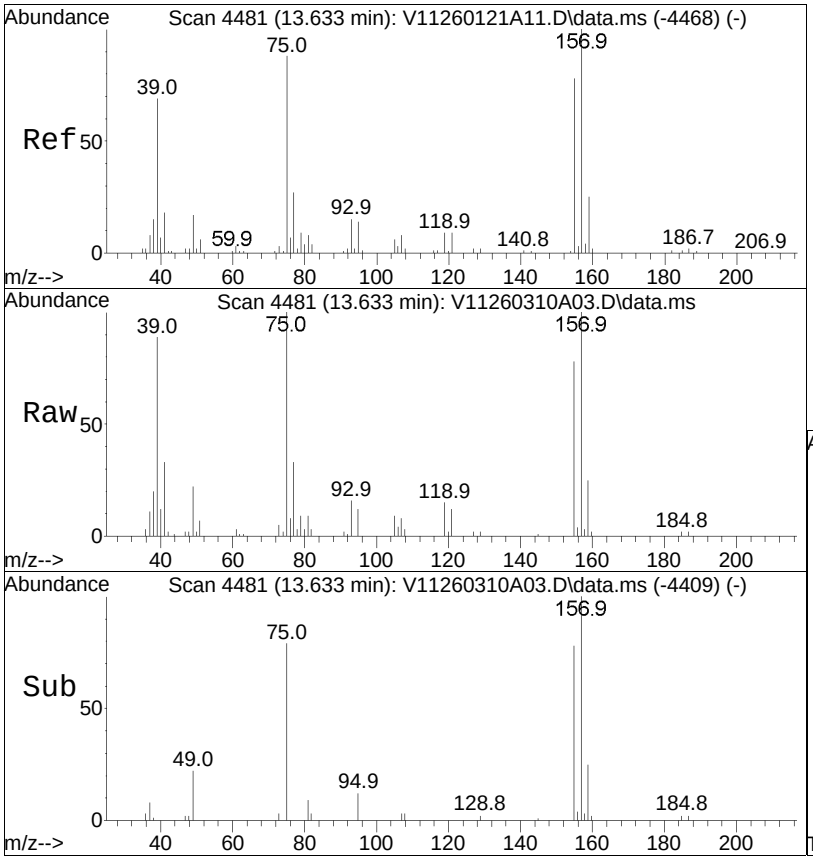


#105
1,2,4,5-Tetramethylbenzene
Concen: 42.63 ug/L
RT: 13.435 min Scan# 4410
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:119 Resp: 454710

Ion	Ratio	Lower	Upper
119	100		
134	45.2	31.1	64.5
91	17.5	10.4	21.6

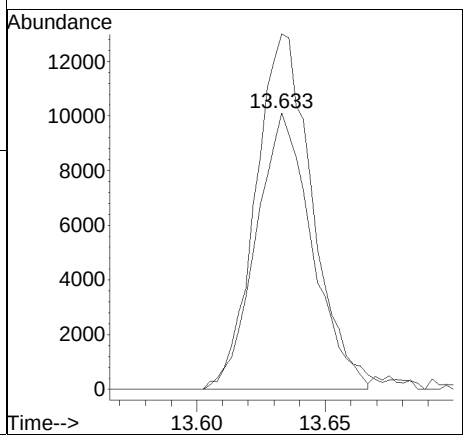


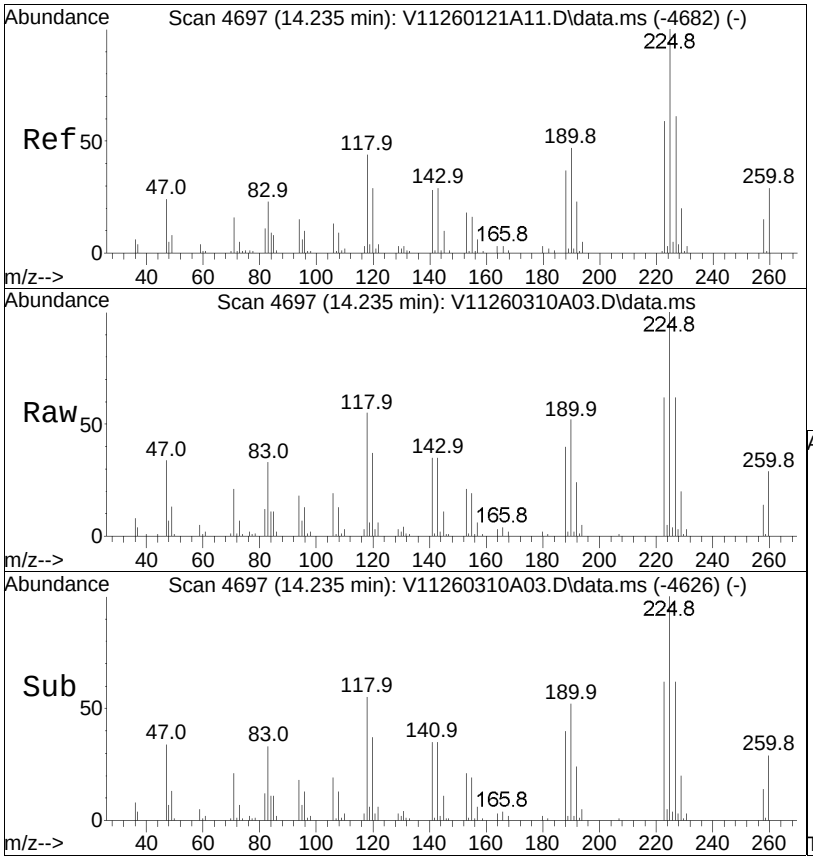


#106
1,2-Dibromo-3-chloropropane
Concen: 33.70 ug/L
RT: 13.633 min Scan# 4481
Delta R.T. -0.000 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:155 Resp: 15341

Ion	Ratio	Lower	Upper
155	100		
157	130.6	100.0	150.0

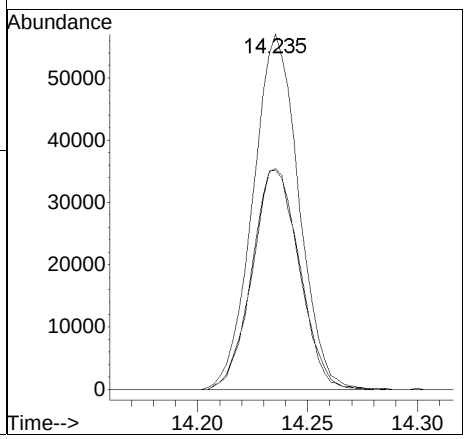


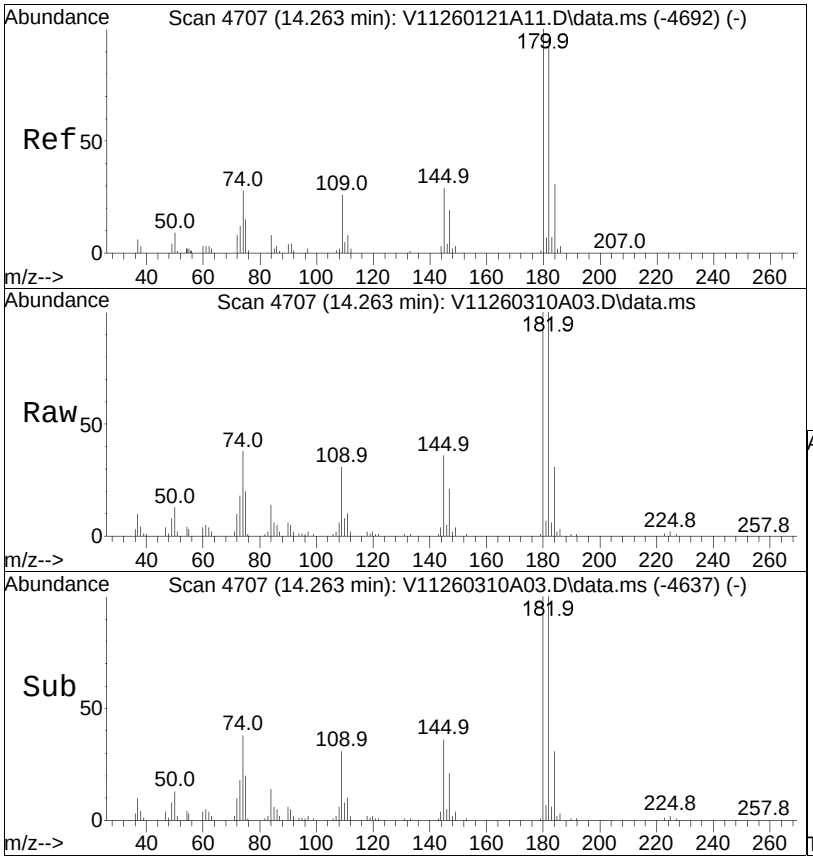


#108
Hexachlorobutadiene
Concen: 41.51 ug/L
RT: 14.235 min Scan# 4697
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:225 Resp: 82730

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.9	74.9
227	63.8	50.6	75.8

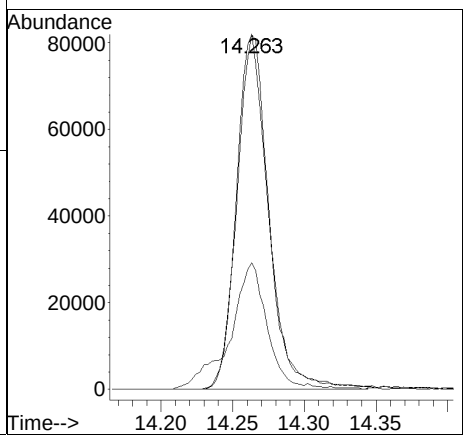


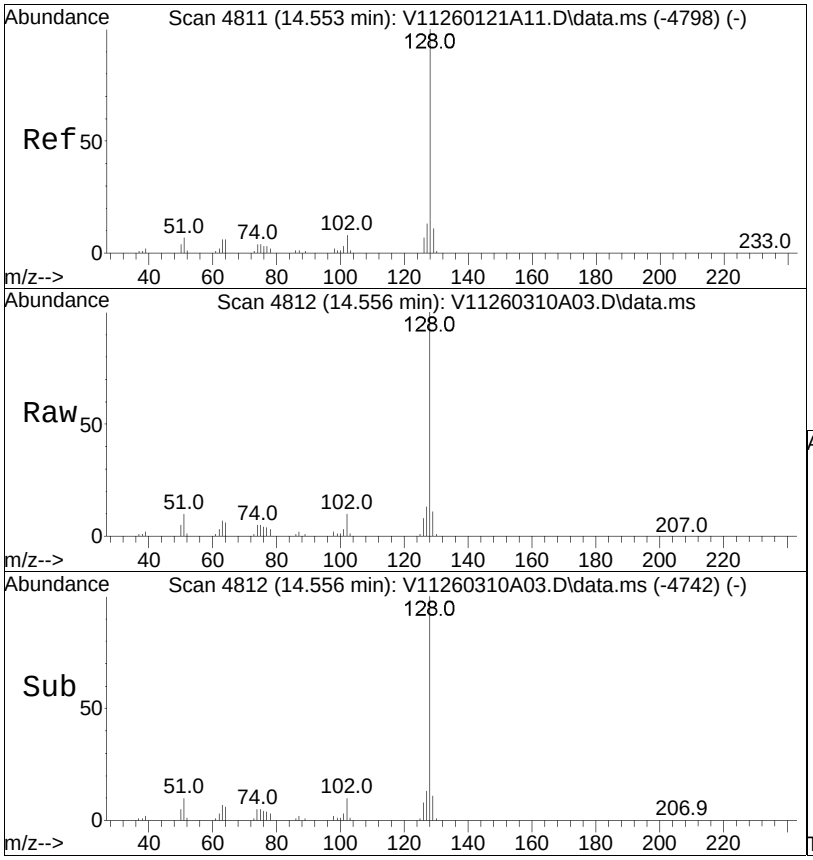


#109
1,2,4-Trichlorobenzene
Concen: 36.56 ug/L
RT: 14.263 min Scan# 4707
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:180 Resp: 130690

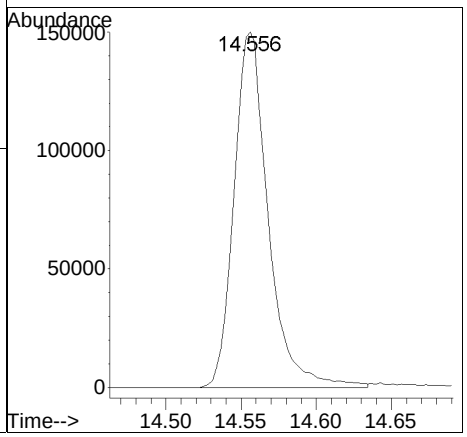
Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.6
145	40.5	29.6	44.4

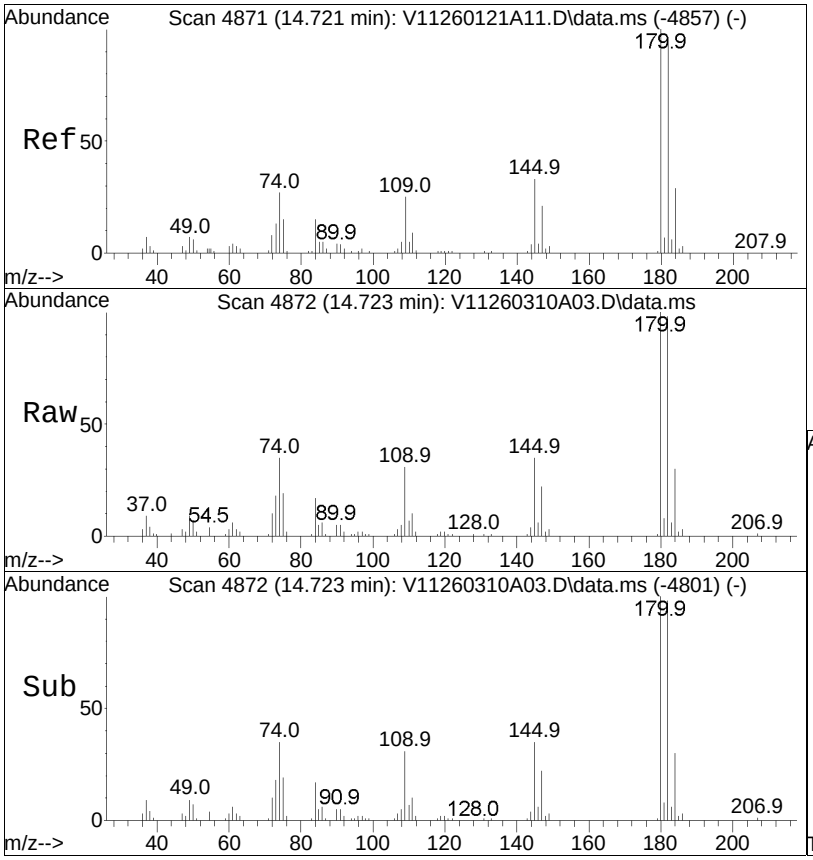




#110
Naphthalene
Concen: 35.40 ug/L
RT: 14.556 min Scan# 4812
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:128 Resp: 237074

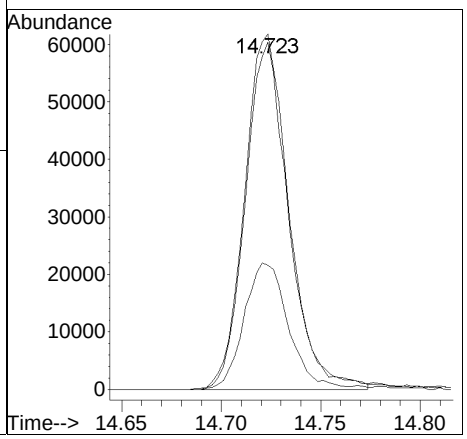




#111
1,2,3-Trichlorobenzene
Concen: 34.86 ug/L
RT: 14.723 min Scan# 4872
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:180 Resp: 95907

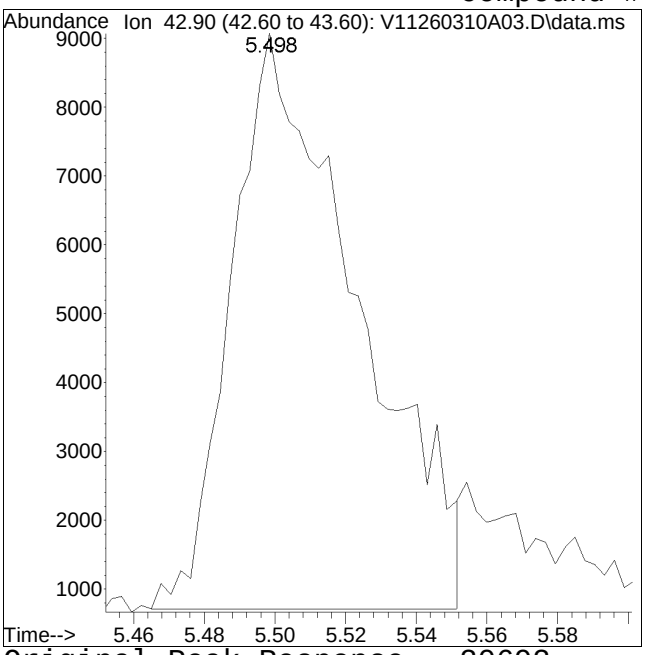
Ion	Ratio	Lower	Upper
180	100		
182	95.7	74.2	111.4
145	35.5	26.3	39.5



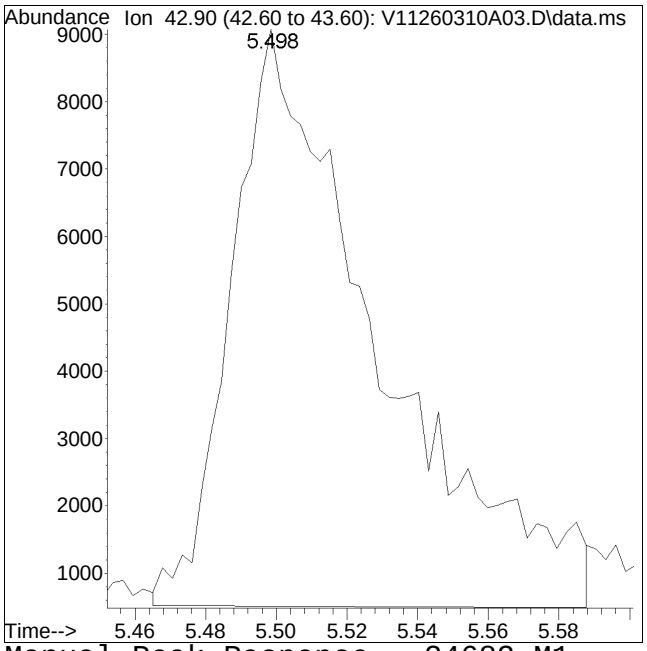
Manual Integration Report

Data Path : K:\VOA111\2026\260310A\ QMethod : V111_260121A_8260.m
Data File : V11260310A03.D Operator : VOA111:MNF
Date Inj'd : 3/10/2026 8:27 am Instrument : VOA111
Sample : WG2183467-4,31H,5,5,0.100 Quant Date : 3/10/2026 10:08 am

Compound #39: 2-Butanone



Original Peak Response = 20692



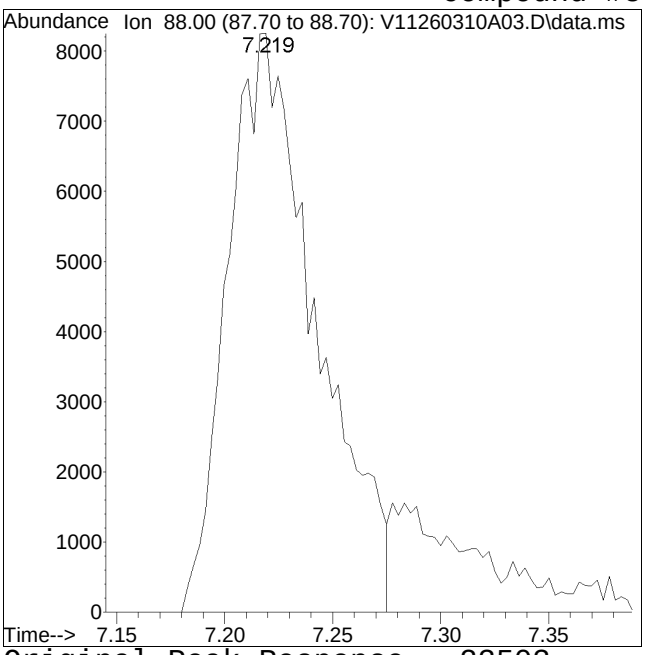
Manual Peak Response = 24682 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

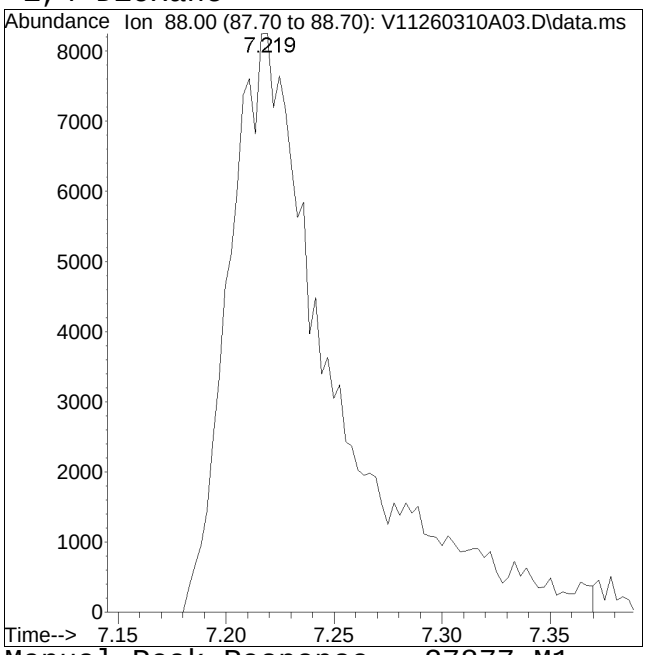
Manual Integration Report

Data Path : K:\VOA111\2026\260310A\ QMethod : V111_260121A_8260.m
Data File : V11260310A03.D Operator : VOA111:MNF
Date Inj'd : 3/10/2026 8:27 am Instrument : VOA111
Sample : WG2183467-4,31H,5,5,0.100 Quant Date : 3/10/2026 10:08 am

Compound #57: 1,4-Dioxane



Original Peak Response = 23503



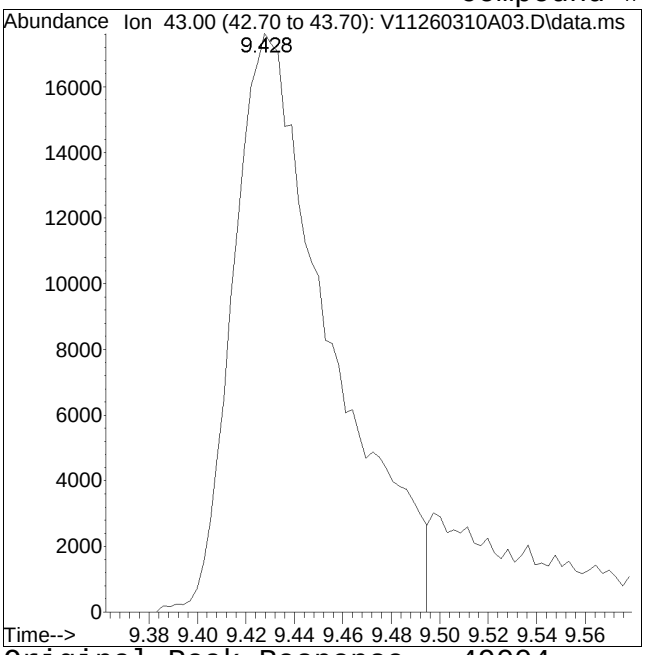
Manual Peak Response = 27877 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

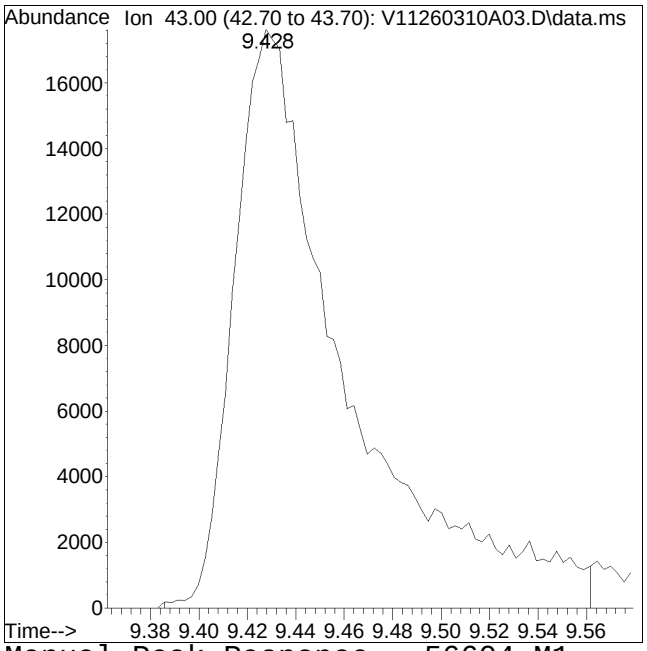
Manual Integration Report

Data Path : K:\VOA111\2026\260310A\ QMethod : V111_260121A_8260.m
Data File : V11260310A03.D Operator : VOA111:MNF
Date Inj'd : 3/10/2026 8:27 am Instrument : VOA111
Sample : WG2183467-4,31H,5,5,0.100 Quant Date : 3/10/2026 10:08 am

Compound #72: 2-Hexanone



Original Peak Response = 49004



Manual Peak Response = 56604 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A02.D
Acq On : 09 Mar 2026 10:08 am
Operator : VOA126:TMH
Sample : WG2183398-4,31,5,5
Misc : WG2183398,ICAL22967
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 11:00:14 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	11.268	96	1128447	20.000	ug/L	0.00
Standard Area 1 = 1096647			Recovery = 102.90%			
63) Chlorobenzene-d5	17.944	117	823384	20.000	ug/L	0.00
Standard Area 1 = 791330			Recovery = 104.05%			
88) 1,4-Dichlorobenzene-d4	23.591	152	383784	20.000	ug/L	0.00
Standard Area 1 = 374599			Recovery = 102.45%			
System Monitoring Compounds						
39) Dibromofluoromethane	9.639	113	277688	19.964	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.82%			
47) 1,2-Dichloroethane-d4	10.637	65	280420	20.389	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.94%			
65) Toluene-d8	14.592	98	1148782	21.434	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.17%			
92) 4-Bromofluorobenzene	20.772	95	394281	21.146	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.73%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.584	85	356618M1	21.669	ug/L	
4) Chloromethane	3.041	50	574332M1	33.745	ug/L	
5) Vinyl chloride	3.100	62	646485	34.650	ug/L	100
6) Bromomethane	3.797	94	363220	30.365	ug/L	97
7) Chloroethane	3.933	64	413664	36.336	ug/L	99
8) Trichlorofluoromethane	4.355	101	771404	35.827	ug/L	98
9) Ethyl ether	4.887	74	266235	37.080	ug/L	92
11) 1,1-Dichloroethene	5.453	96	472130	36.110	ug/L	86
12) Carbon disulfide	6.348	76	1660694	36.190	ug/L	100
17) Methylene chloride	6.365	84	528477	32.507	ug/L	94
19) Acetone	5.261	43	127888	38.077	ug/L	98
20) trans-1,2-Dichloroethene	6.909	96	535932	36.240	ug/L	90
23) Methyl tert-butyl ether	6.641	73	1304554	36.189	ug/L	98
26) 1,1-Dichloroethane	7.732	63	1073544	39.399	ug/L	99
28) Acrylonitrile	6.625	53	145679	41.867	ug/L	98
30) Vinyl acetate	7.757	43	879141	39.476	ug/L	99
31) cis-1,2-Dichloroethene	8.906	96	579868	35.668	ug/L	93
32) 2,2-Dichloropropane	8.805	77	817156	36.787	ug/L	99
33) Bromochloromethane	9.539	128	237734	34.852	ug/L	89
35) Chloroform	9.212	83	975182	34.708	ug/L	100

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A02.D
Acq On : 09 Mar 2026 10:08 am
Operator : VOA126:TMH
Sample : WG2183398-4,31,5,5
Misc : WG2183398,ICAL22967
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 11:00:14 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
37) Carbon tetrachloride	10.481	117	747634	35.703	ug/L		99
40) 1,1,1-Trichloroethane	9.985	97	833796	36.619	ug/L		97
42) 2-Butanone	8.574	43	154722	36.649	ug/L		99
43) 1,1-Dichloropropene	10.300	75	763005	40.236	ug/L		97
45) Benzene	10.833	78	2116801	38.220	ug/L		99
48) 1,2-Dichloroethane	10.822	62	687100	36.958	ug/L		98
52) Trichloroethene	12.074	95	582548	37.574	ug/L		96
54) Dibromomethane	13.044	93	280882	35.157	ug/L		99
55) 1,2-Dichloropropane	12.445	63	611203	40.485	ug/L		98
58) Bromodichloromethane	12.930	83	729109	36.173	ug/L		100
61) 1,4-Dioxane	12.997	88	152551	1879.618	ug/L	#	89
62) cis-1,3-Dichloropropene	14.093	75	851284	37.769	ug/L		98
66) Toluene	14.762	92	1384027	38.726	ug/L		97
67) 4-Methyl-2-pentanone	13.660	58	151410	41.104	ug/L		90
68) Tetrachloroethene	16.176	166	579391	37.111	ug/L		98
71) trans-1,3-Dichloropropene	15.186	75	711410	39.089	ug/L		95
75) 1,1,2-Trichloroethane	15.520	83	346659	39.216	ug/L		97
76) Chlorodibromomethane	16.639	129	489704	36.528	ug/L		99
77) 1,3-Dichloropropane	16.078	76	708368	39.592	ug/L		100
78) 1,2-Dibromoethane	17.088	107	382602	38.177	ug/L		99
80) 2-Hexanone	15.557	43	263671	42.914	ug/L		97
82) Chlorobenzene	18.030	112	1507995	38.425	ug/L		98
83) Ethylbenzene	18.161	91	2749211	40.347	ug/L		95
84) 1,1,1,2-Tetrachloroethane	18.139	131	516660	37.361	ug/L		99
85) p/m Xylene	18.337	106	2066554	78.814	ug/L		87
86) o Xylene	19.341	106	1962649	78.026	ug/L		84
87) Styrene	19.430	104	3245032	78.045	ug/L		97
89) Bromoform	20.197	173	271028	35.861	ug/L		99
91) Isopropylbenzene	20.186	105	2666993	42.573	ug/L		96
93) Bromobenzene	21.207	156	575436	38.065	ug/L		100
95) n-Propylbenzene	21.134	91	3186695	43.629	ug/L		94
97) 1,1,2,2-Tetrachloroethane	20.615	83	477101	41.347	ug/L		99
98) 4-Ethyltoluene	21.410	105	2529497	42.418	ug/L		95
99) 2-Chlorotoluene	21.536	91	1997007	41.543	ug/L		96
100) 1,3,5-Trimethylbenzene	21.519	105	2125475	41.794	ug/L		96
101) 1,2,3-Trichloropropane	20.958	75	343045	40.683	ug/L		97
102) trans-1,4-Dichloro-2-b...	21.148	53	155020	43.088	ug/L		90
103) 4-Chlorotoluene	21.656	91	1832367	40.767	ug/L		96
104) tert-Butylbenzene	22.358	119	1814562	41.238	ug/L		98

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A02.D
Acq On : 09 Mar 2026 10:08 am
Operator : VOA126:TMH
Sample : WG2183398-4,31,5,5
Misc : WG2183398,ICAL22967
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 11:00:14 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) 1,2,4-Trimethylbenzene	22.450	105	2032220	41.157	ug/L	95
109) sec-Butylbenzene	22.871	105	2780371	43.067	ug/L	95
110) p-Isopropyltoluene	23.214	119	2296233	41.524	ug/L	98
111) 1,3-Dichlorobenzene	23.404	146	1098383	38.712	ug/L	100
112) 1,4-Dichlorobenzene	23.663	146	1085603	38.287	ug/L	99
115) p-Diethylbenzene	24.218	119	1399357	41.769	ug/L	99
116) n-Butylbenzene	24.190	91	2664925	43.208	ug/L	96
118) 1,2-Dichlorobenzene	24.522	146	962988	37.934	ug/L	99
120) 1,2,4,5-Tetramethylben...	25.936	119	2029726	41.810	ug/L	96
121) 1,2-Dibromo-3-chloropr...	26.279	155	55934	35.325	ug/L	99
124) Hexachlorobutadiene	28.231	225	397185	40.747	ug/L	100
125) 1,2,4-Trichlorobenzene	27.969	180	674770	40.188	ug/L	99
126) Naphthalene	28.424	128	1167569	38.882	ug/L	100
127) 1,2,3-Trichlorobenzene	28.861	180	555690	39.373	ug/L	99

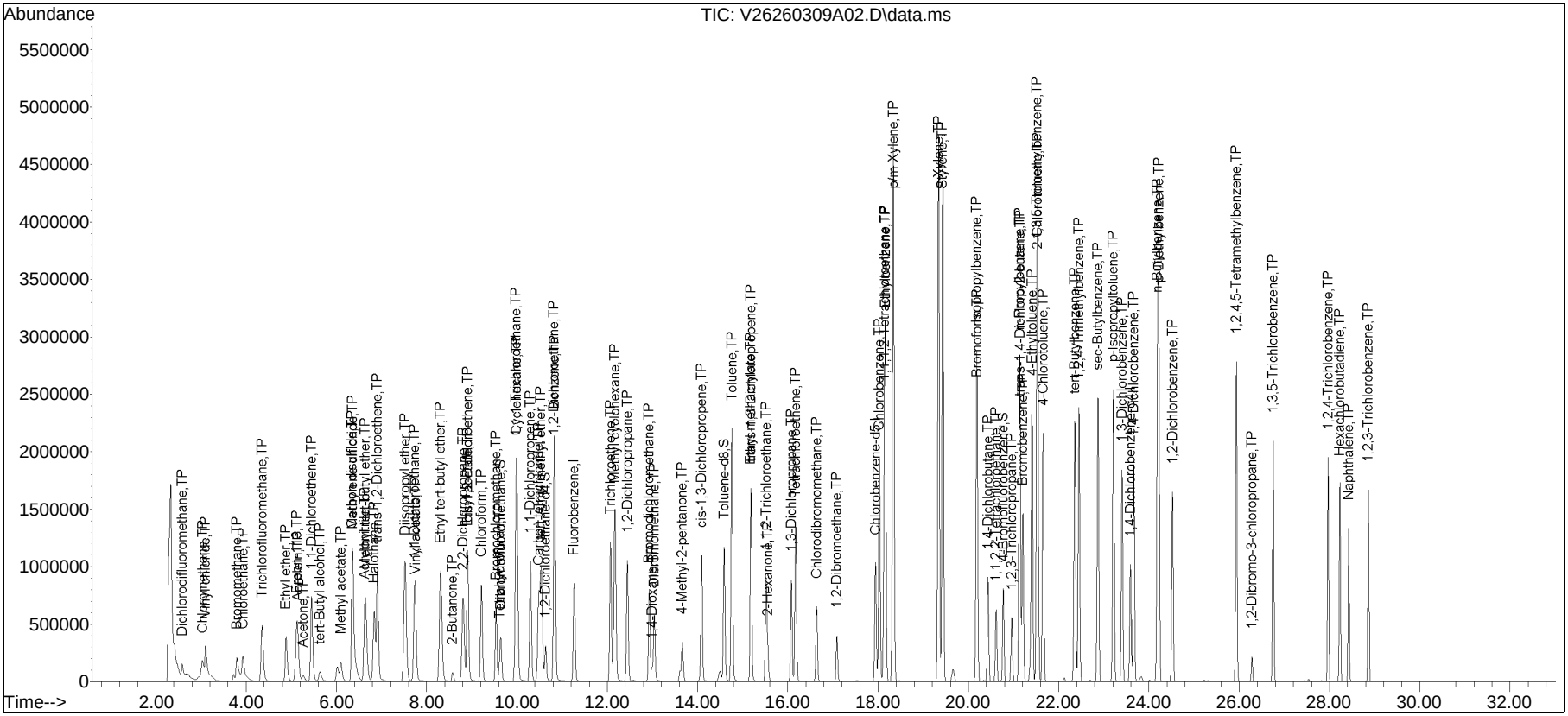
(#) = qualifier out of range (m) = manual integration (+) = signals summed

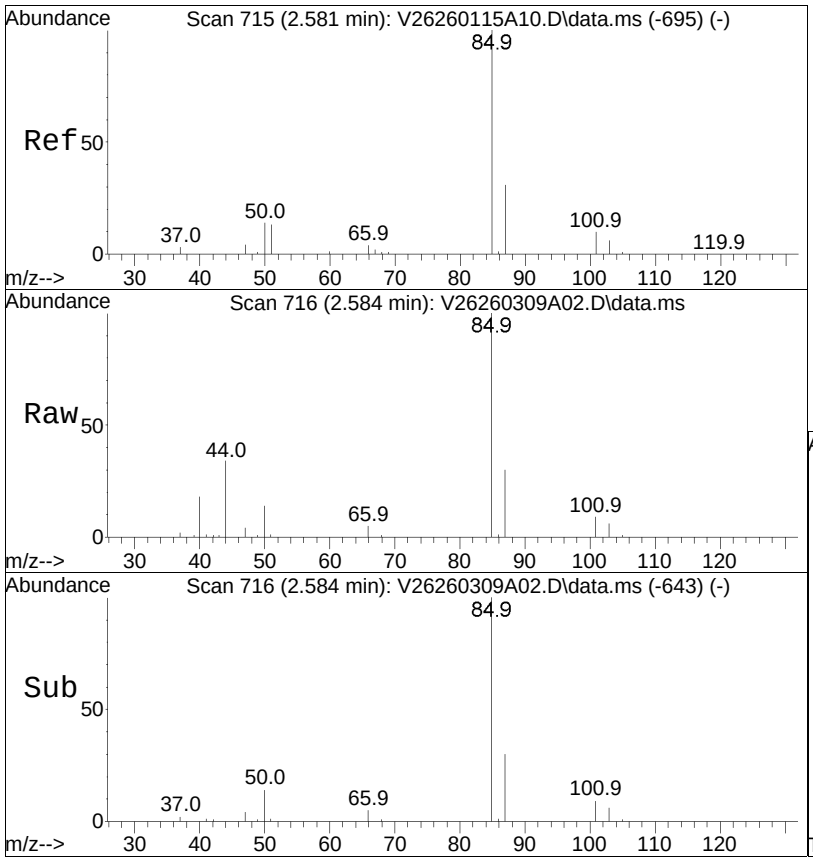
Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A02.D
Acq On : 09 Mar 2026 10:08 am
Operator : VOA126:TMH
Sample : WG2183398-4,31,5,5
Misc : WG2183398,ICAL22967
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 11:00:14 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

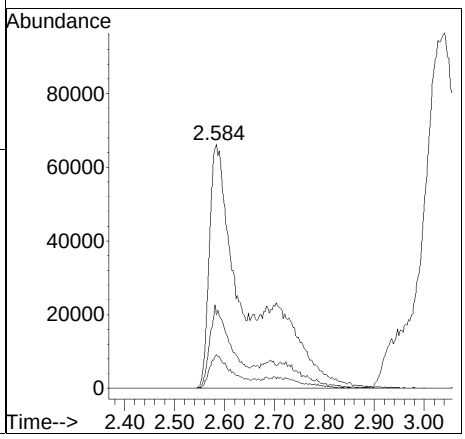


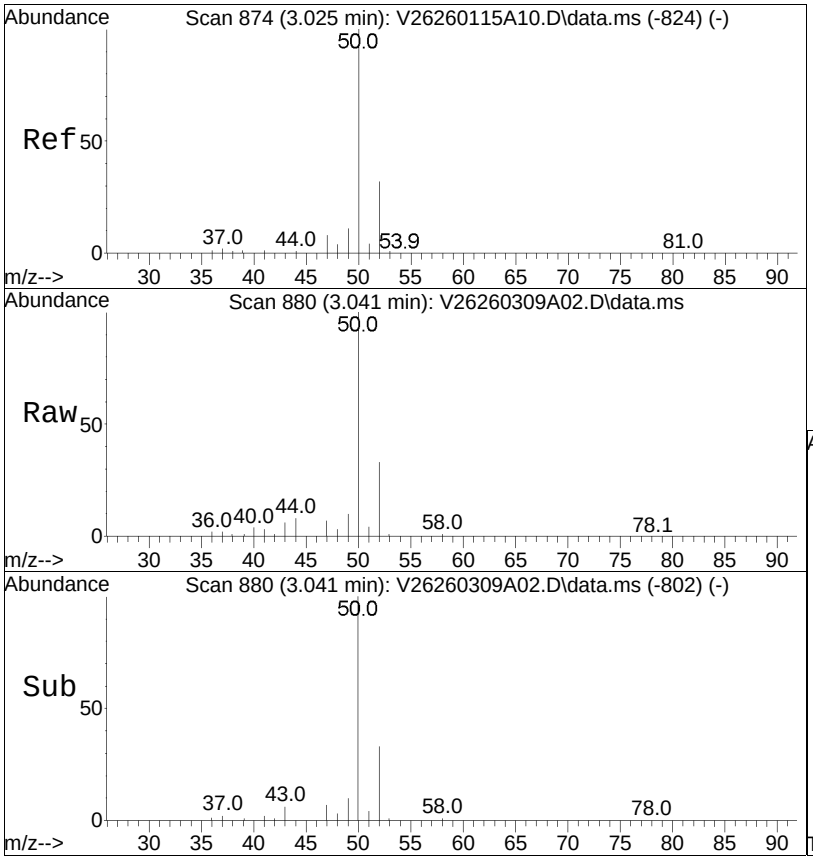


#2
Dichlorodifluoromethane
Concen: 21.67 ug/L M1
RT: 2.584 min Scan# 716
Delta R.T. 0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 85 Resp: 356618

Ion	Ratio	Lower	Upper
85	100		
87	20.9	21.1	43.7#
50	8.0	14.2	29.4#

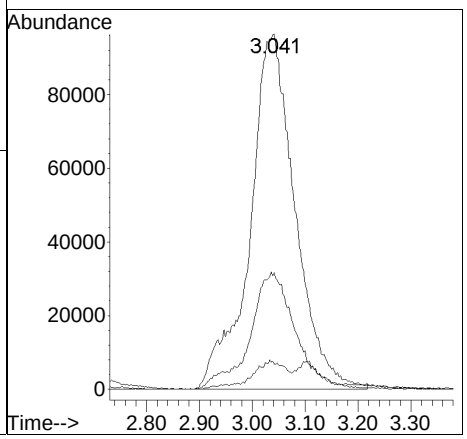


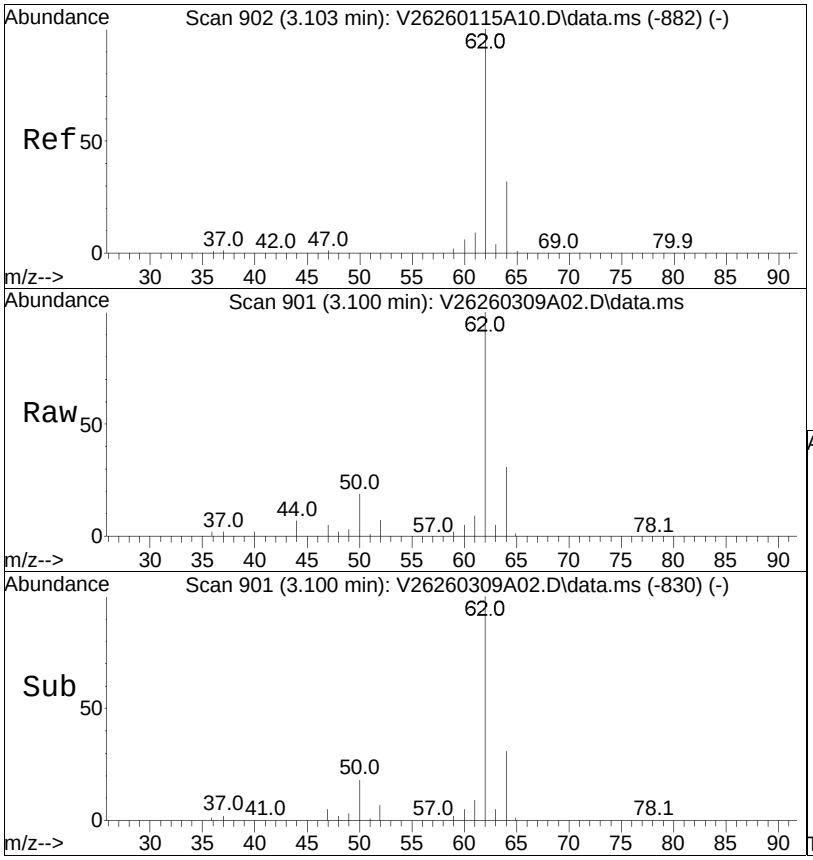


#4
Chloromethane
Concen: 33.75 ug/L M1
RT: 3.041 min Scan# 880
Delta R.T. 0.017 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 50 Resp: 574332

Ion	Ratio	Lower	Upper
50	100		
52	30.5	12.5	52.5
47	1.2	0.0	27.8

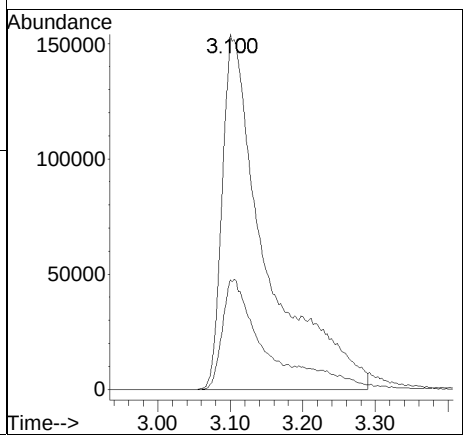


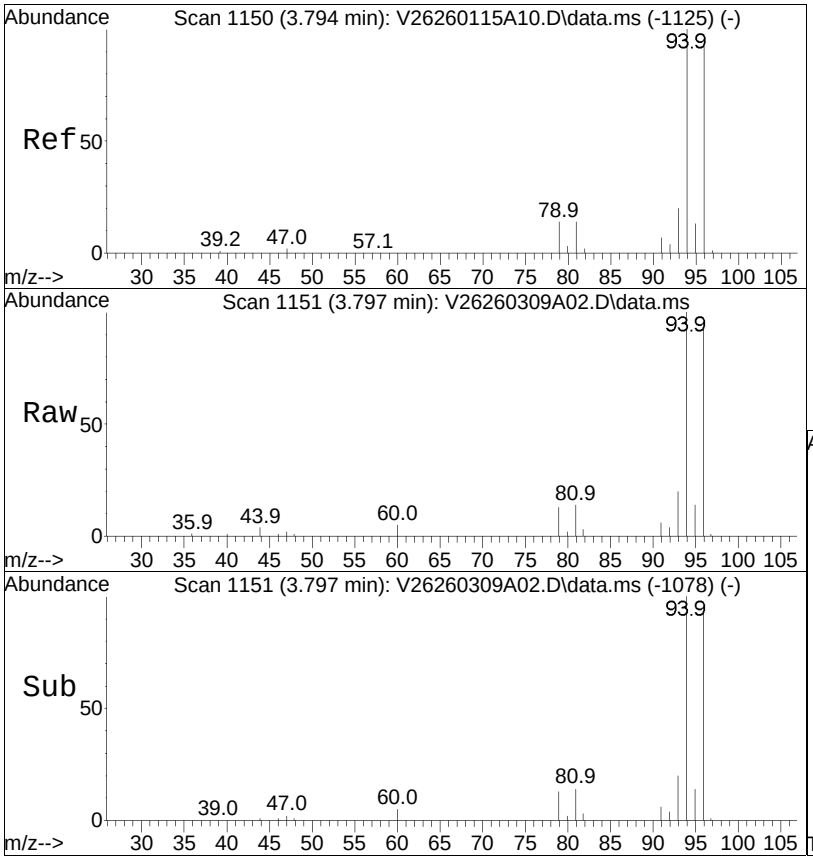


#5
Vinyl chloride
Concen: 34.65 ug/L
RT: 3.100 min Scan# 901
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 62 Resp: 646485

Ion	Ratio	Lower	Upper
62	100		
64	31.1	11.3	51.3

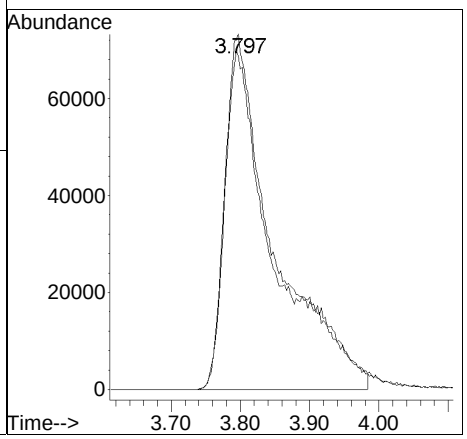


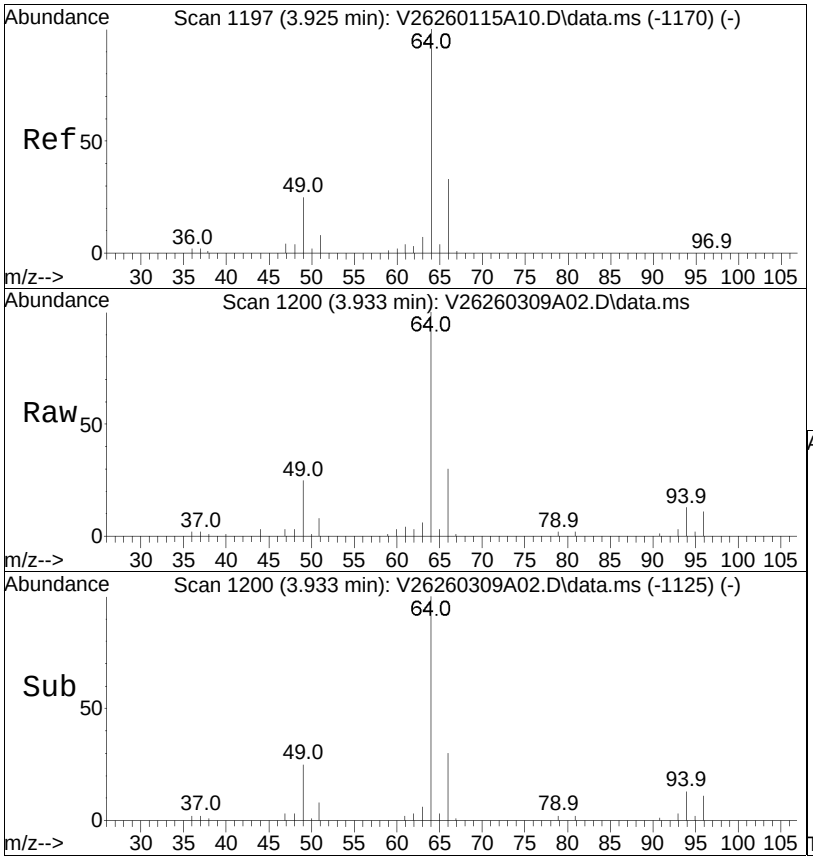


#6
Bromomethane
Concen: 30.36 ug/L
RT: 3.797 min Scan# 1151
Delta R.T. 0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 94 Resp: 363220

Ion	Ratio	Lower	Upper
94	100		
96	94.0	71.1	111.1

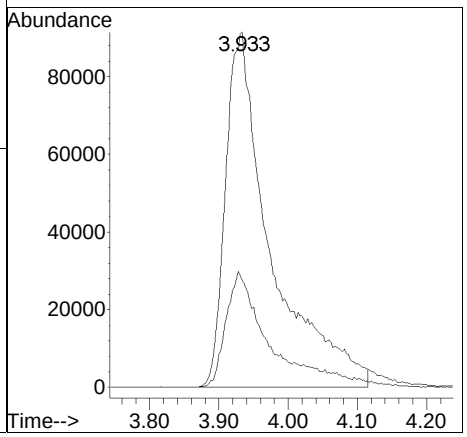


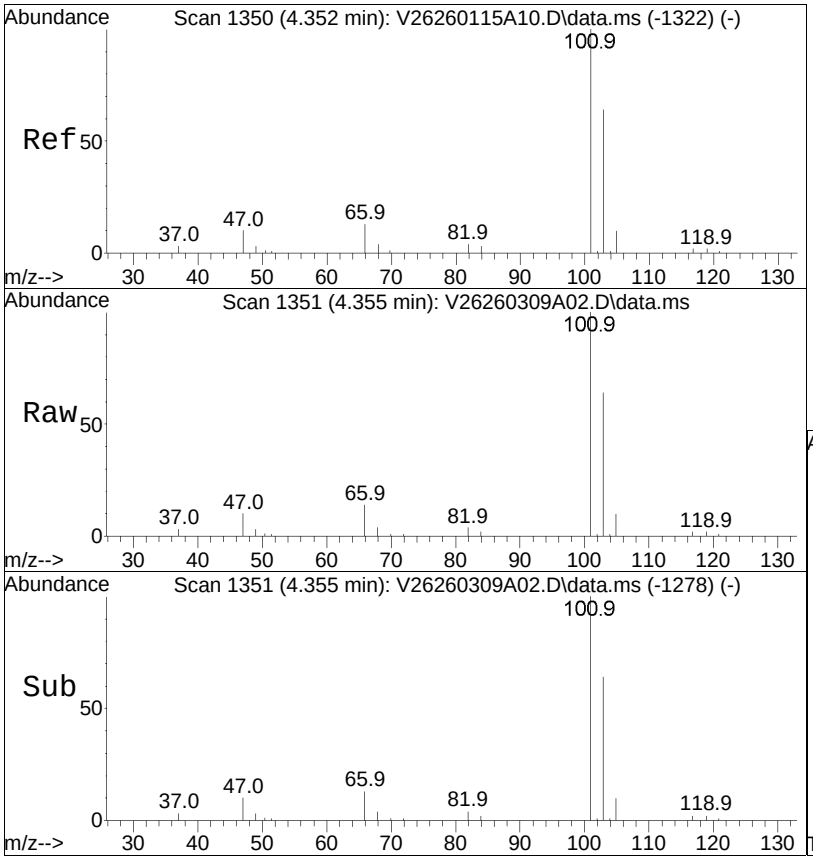


#7
Chloroethane
Concen: 36.34 ug/L
RT: 3.933 min Scan# 1200
Delta R.T. 0.008 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 64 Resp: 413664

Ion	Ratio	Lower	Upper
64	100		
66	31.0	11.3	51.3

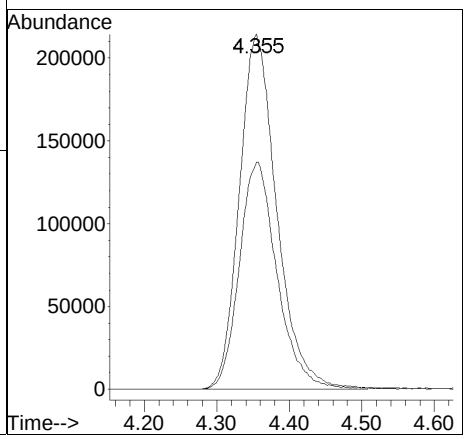


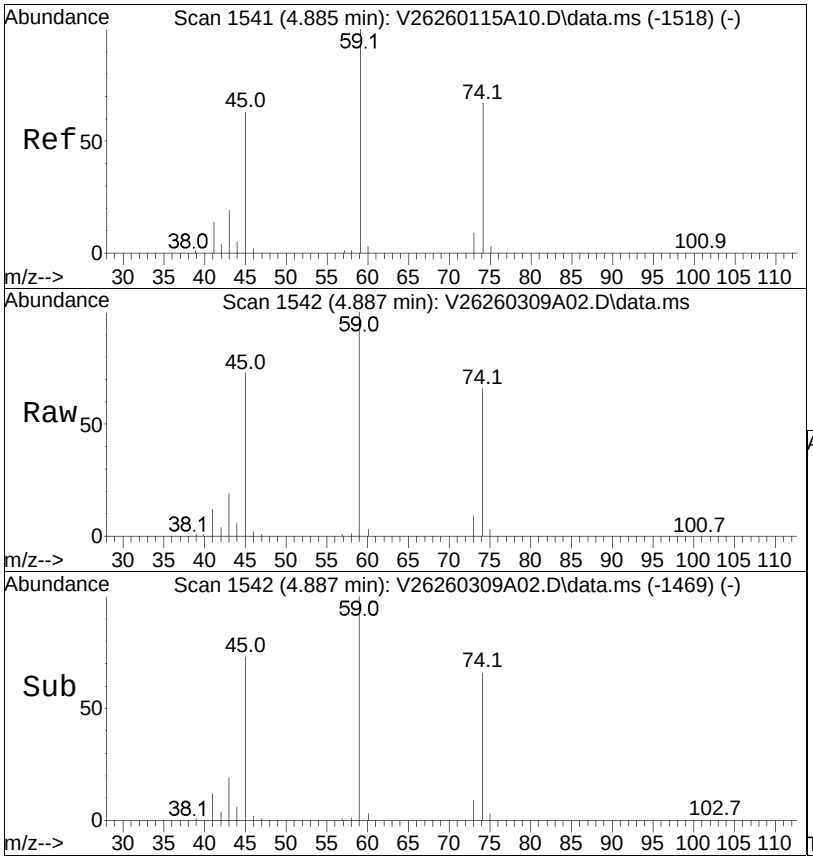


#8
Trichlorofluoromethane
Concen: 35.83 ug/L
RT: 4.355 min Scan# 1351
Delta R.T. 0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:101 Resp: 771404

Ion	Ratio	Lower	Upper
101	100		
103	64.7	50.5	75.7

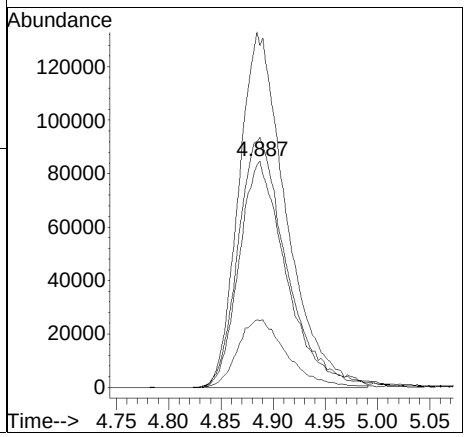


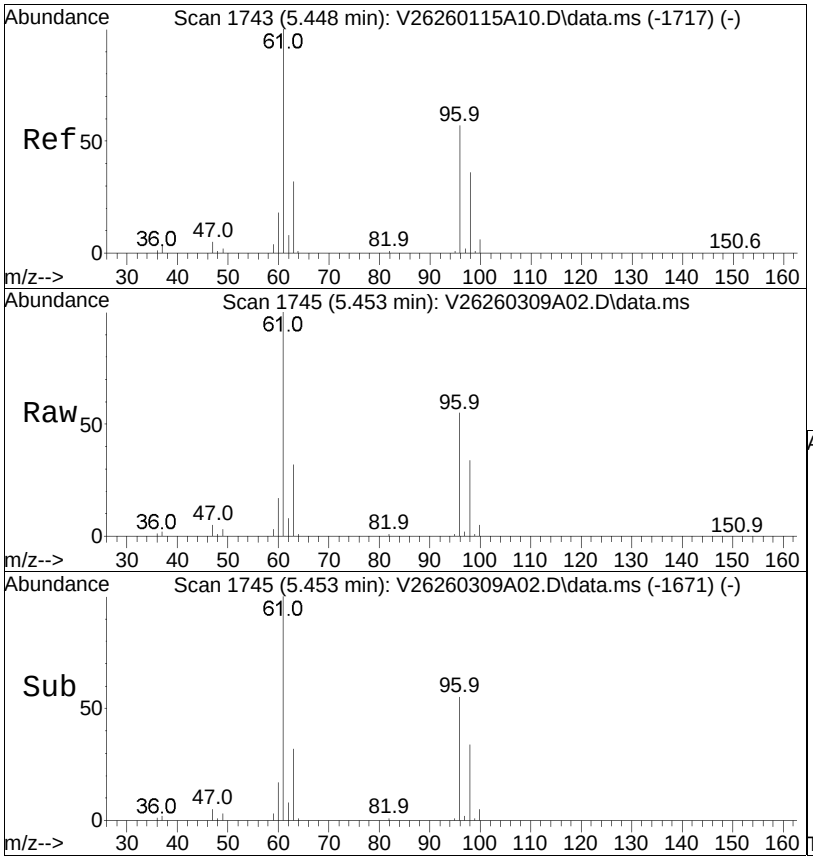


#9
Ethyl ether
Concen: 37.08 ug/L
RT: 4.887 min Scan# 1542
Delta R.T. 0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 74 Resp: 266235

Ion	Ratio	Lower	Upper
74	100		
59	158.9	93.6	194.4
45	113.5	70.7	146.9
43	31.3	19.2	40.0

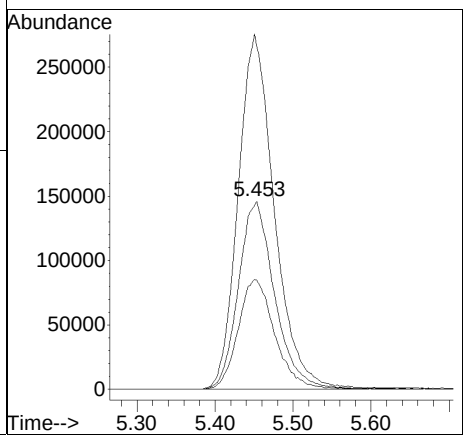


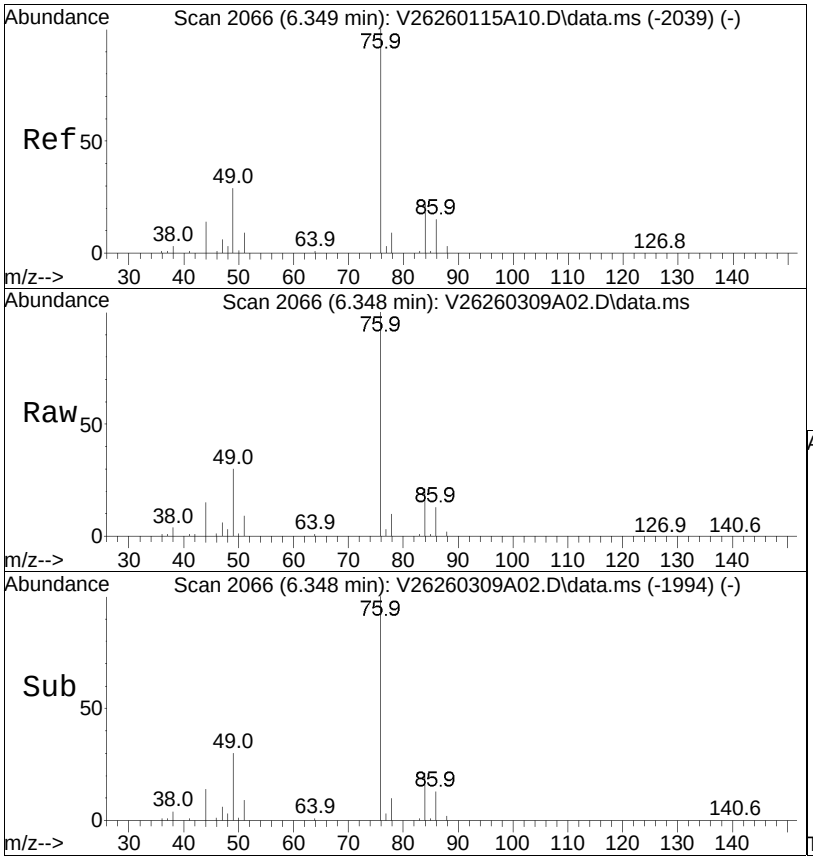


#11
1,1-Dichloroethene
Concen: 36.11 ug/L
RT: 5.453 min Scan# 1745
Delta R.T. 0.005 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 96 Resp: 472130

Ion	Ratio	Lower	Upper
96	100		
61	188.5	133.8	200.8
63	59.2	42.6	63.8

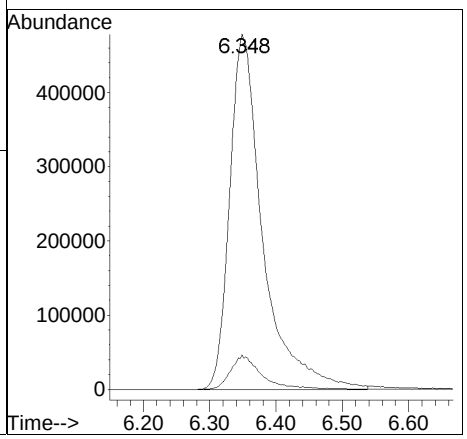


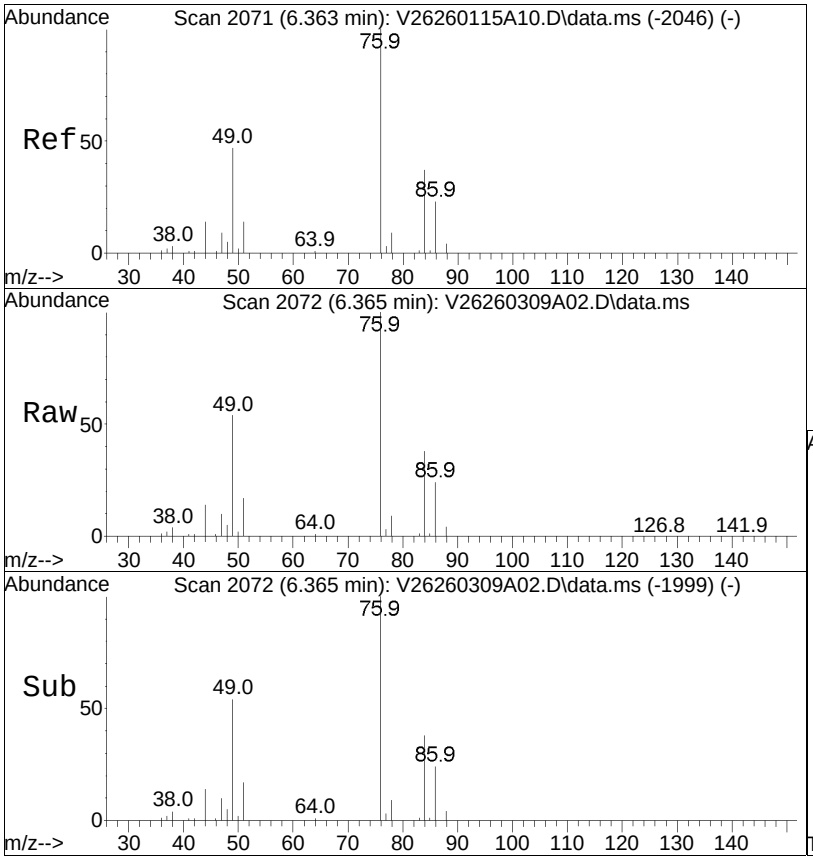


#12
Carbon disulfide
Concen: 36.19 ug/L
RT: 6.348 min Scan# 2066
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 76 Resp: 1660694

Ion	Ratio	Lower	Upper
76	100		
78	9.2	5.9	12.3

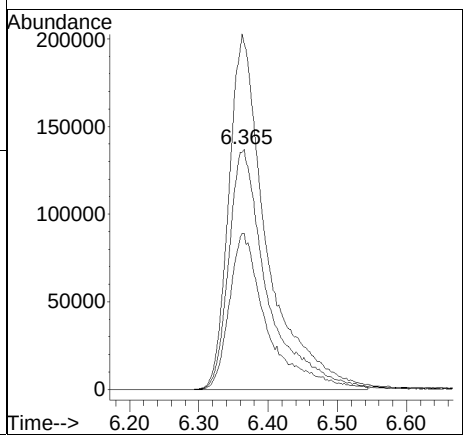


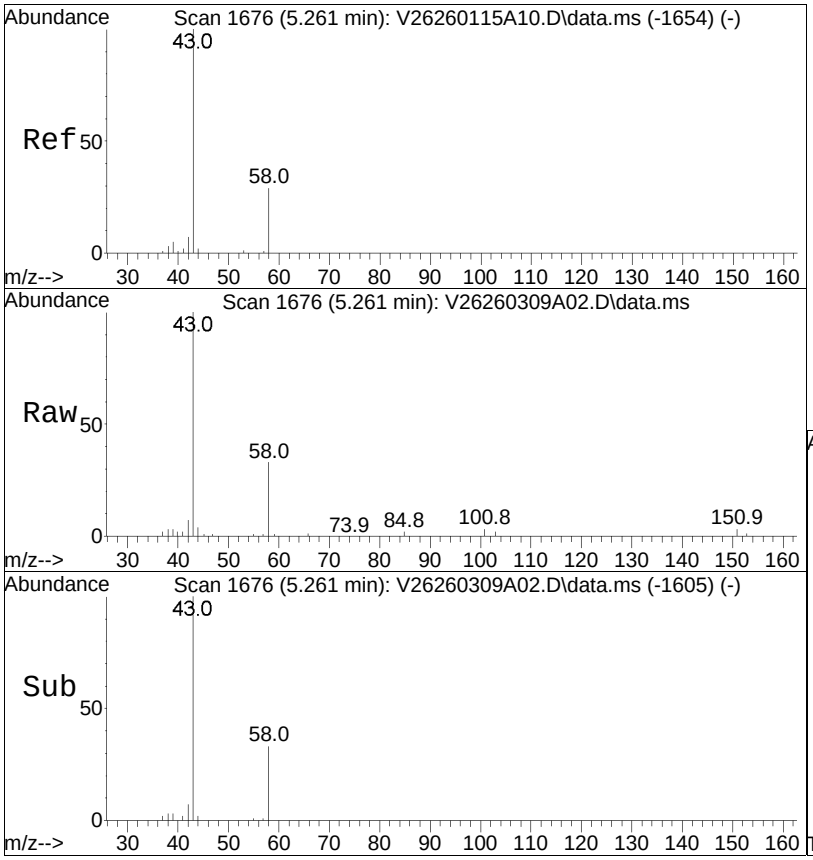


#17
Methylene chloride
Concen: 32.51 ug/L
RT: 6.365 min Scan# 2072
Delta R.T. 0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 84 Resp: 528477

Ion	Ratio	Lower	Upper
84	100		
86	64.2	41.9	87.1
49	146.2	88.1	183.1

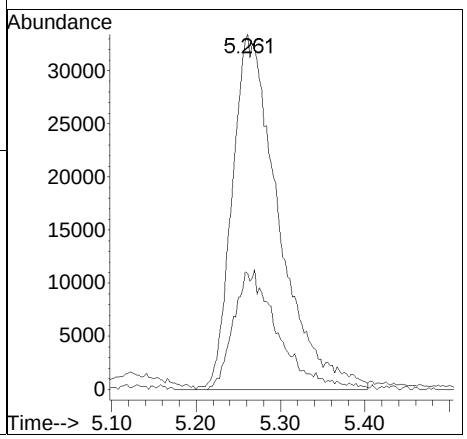


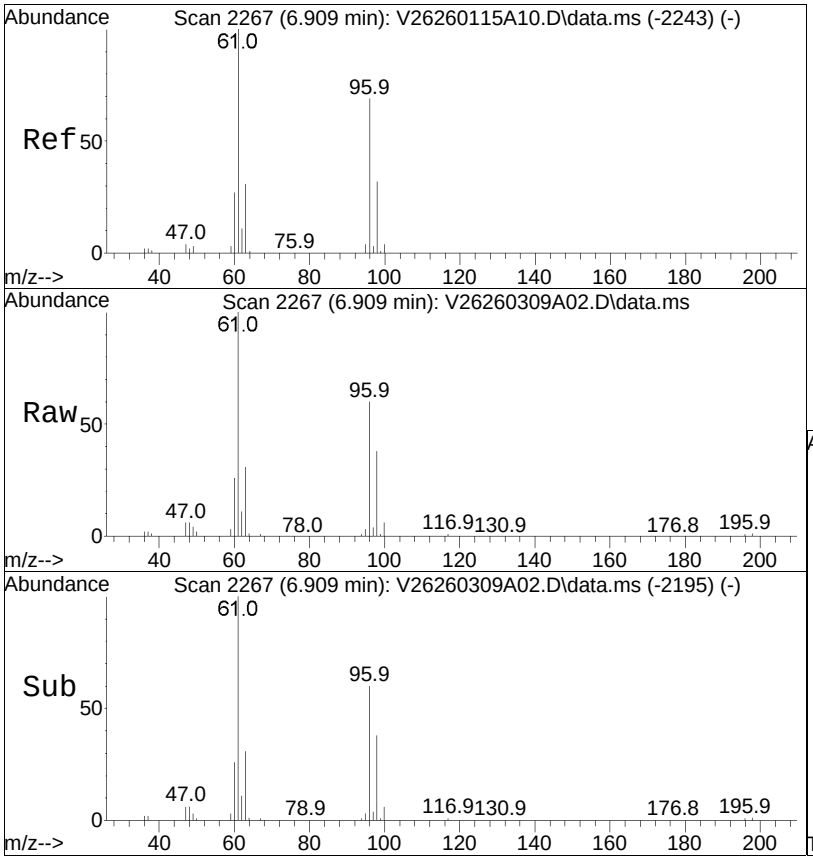


#19
Acetone
Concen: 38.08 ug/L
RT: 5.261 min Scan# 1676
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 43 Resp: 127888

Ion	Ratio	Lower	Upper
43	100		
58	31.9	24.6	37.0

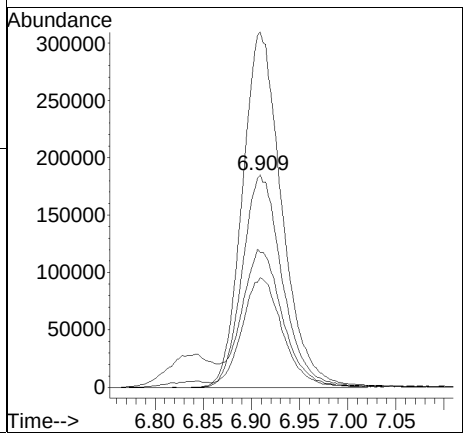


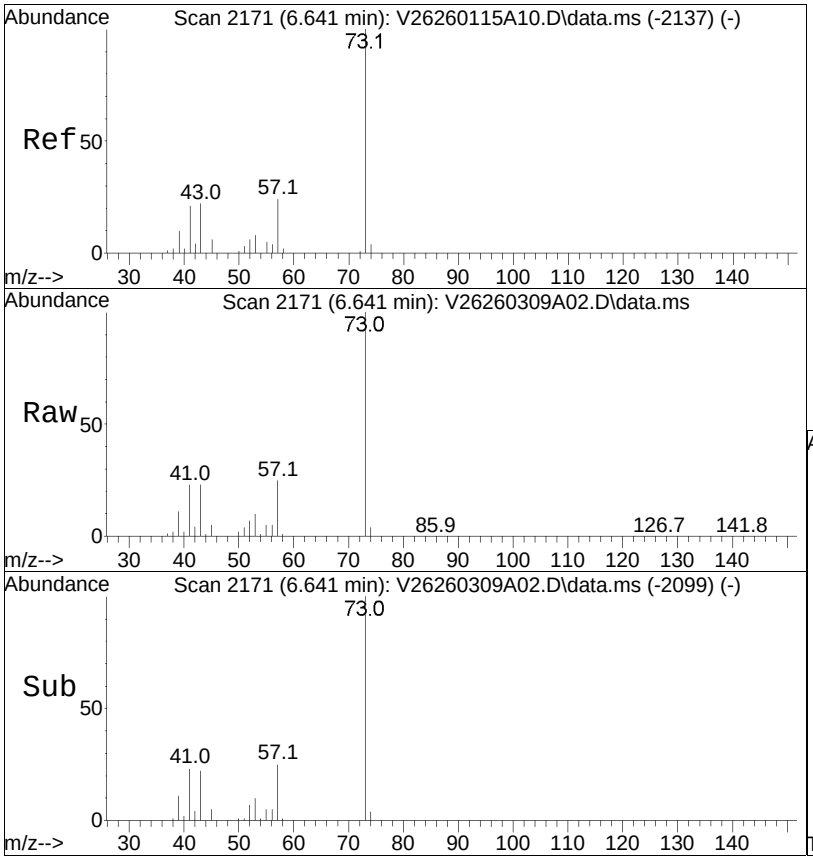


#20
trans-1,2-Dichloroethene
Concen: 36.24 ug/L
RT: 6.909 min Scan# 2267
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 96 Resp: 535932

Ion	Ratio	Lower	Upper
96	100		
61	164.9	94.1	195.5
98	65.2	42.4	88.0
63	51.5	30.4	63.0

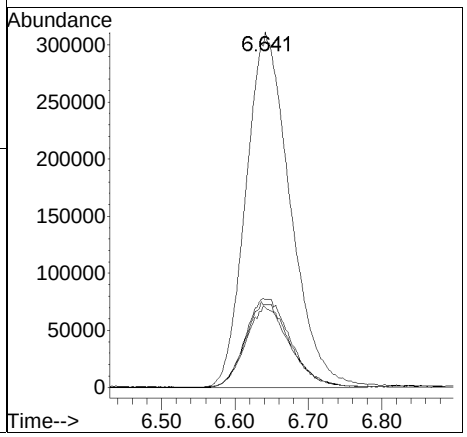


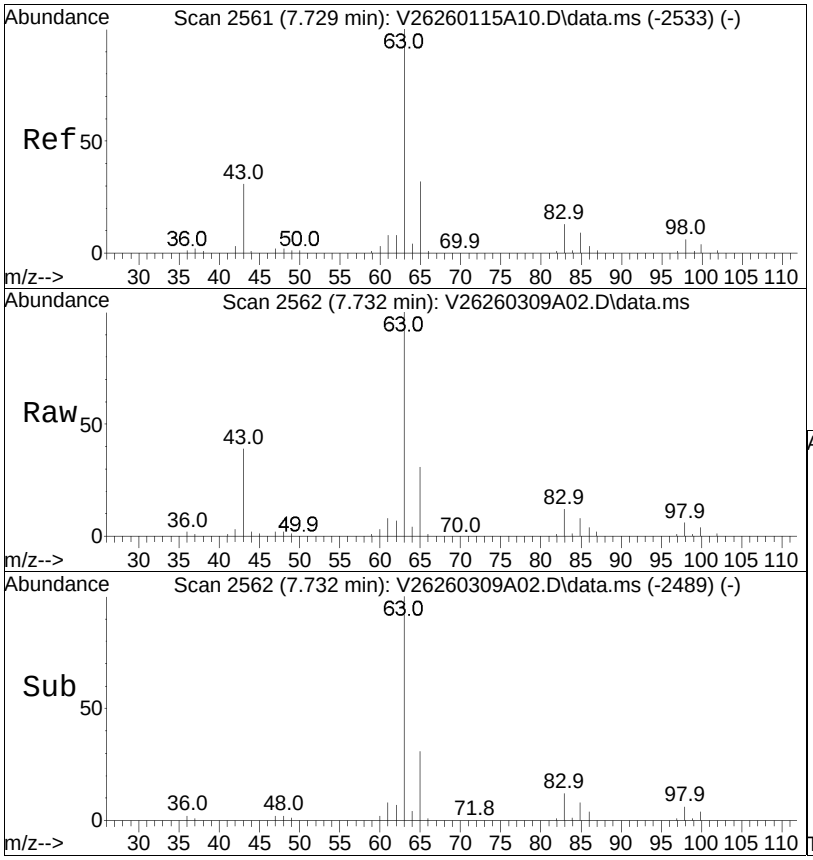


#23
Methyl tert-butyl ether
Concen: 36.19 ug/L
RT: 6.641 min Scan# 2171
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 73 Resp: 1304554

Ion	Ratio	Lower	Upper
73	100		
57	25.8	15.8	32.8
43	22.9	14.7	30.5
41	24.4	14.8	30.8

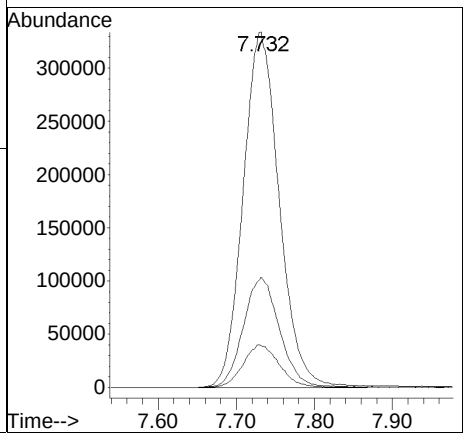


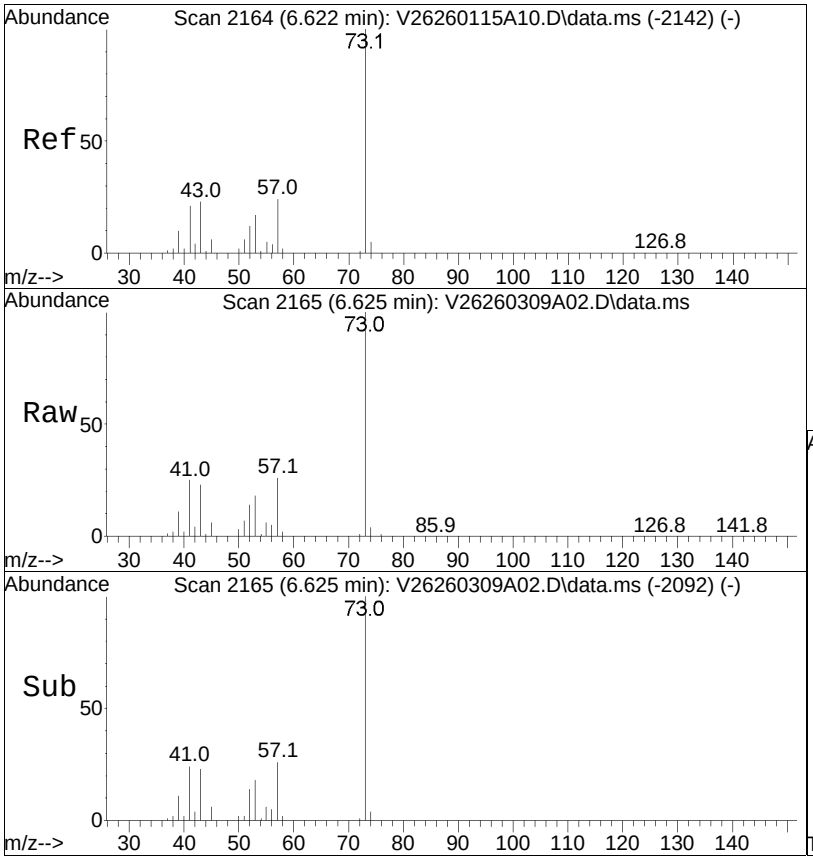


#26
1,1-Dichloroethane
Concen: 39.40 ug/L
RT: 7.732 min Scan# 2562
Delta R.T. 0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 63 Resp: 1073544

Ion	Ratio	Lower	Upper
63	100		
65	31.1	11.3	51.3
83	12.0	0.0	33.1

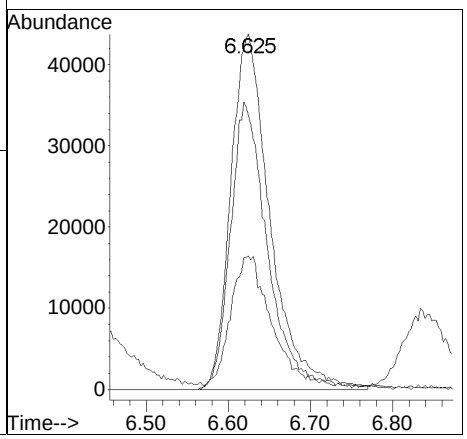


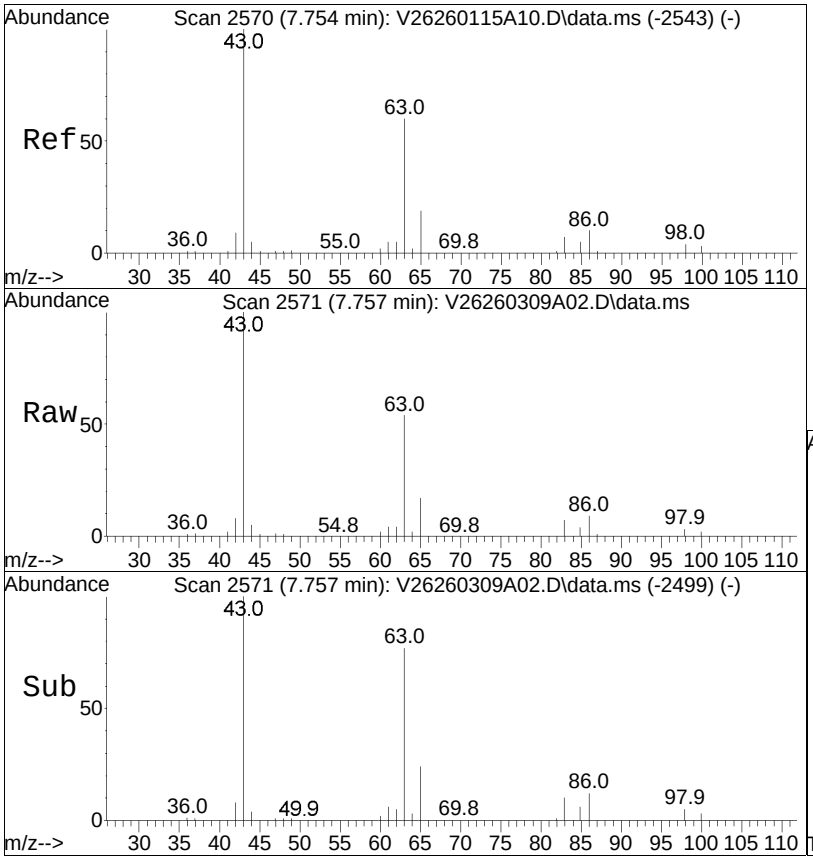


#28
Acrylonitrile
Concen: 41.87 ug/L
RT: 6.625 min Scan# 2165
Delta R.T. 0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 53 Resp: 145679

Ion	Ratio	Lower	Upper
53	100		
52	75.9	62.6	93.8
51	36.5	29.4	44.2

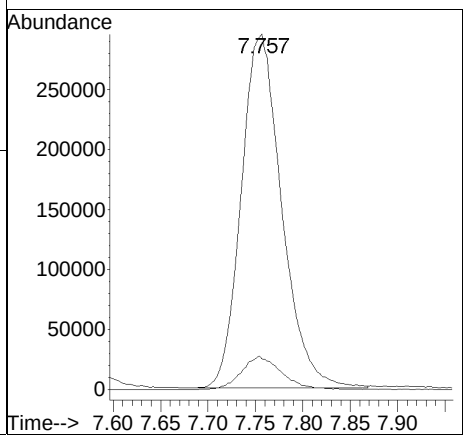


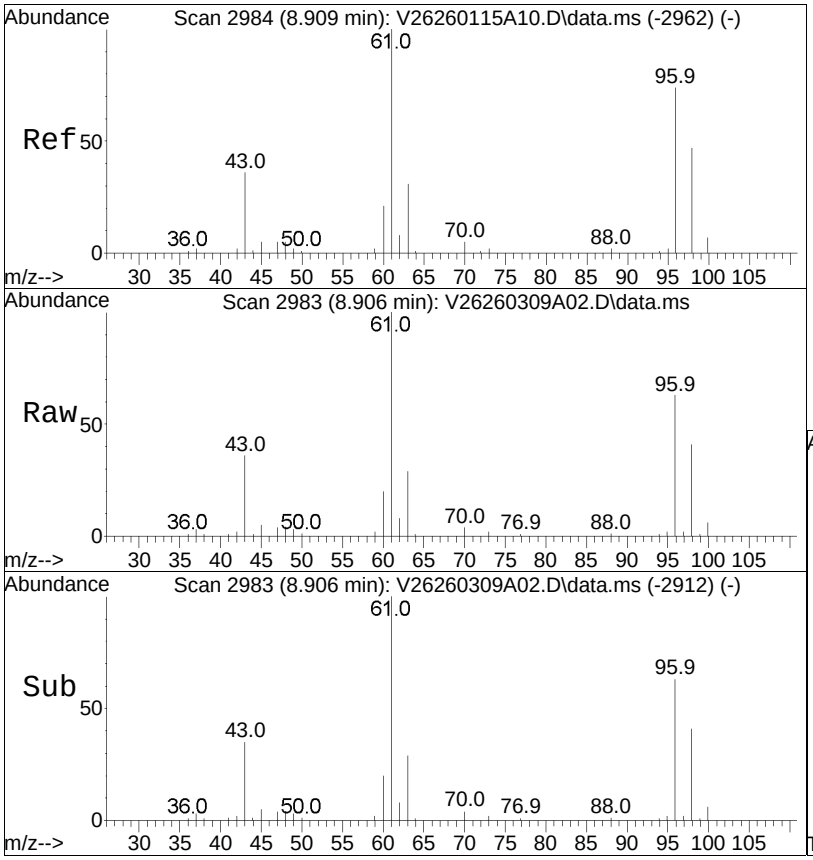


#30
Vinyl acetate
Concen: 39.48 ug/L
RT: 7.757 min Scan# 2571
Delta R.T. 0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 43 Resp: 879141

Ion	Ratio	Lower	Upper
43	100		
86	9.2	7.7	11.5

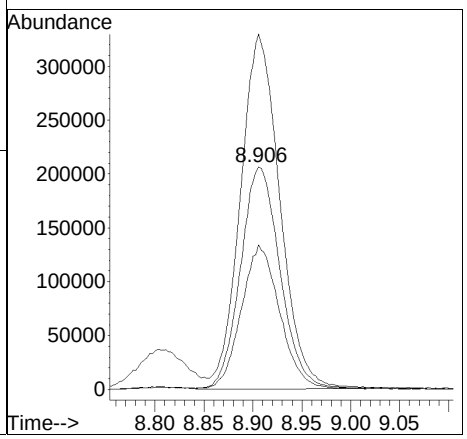


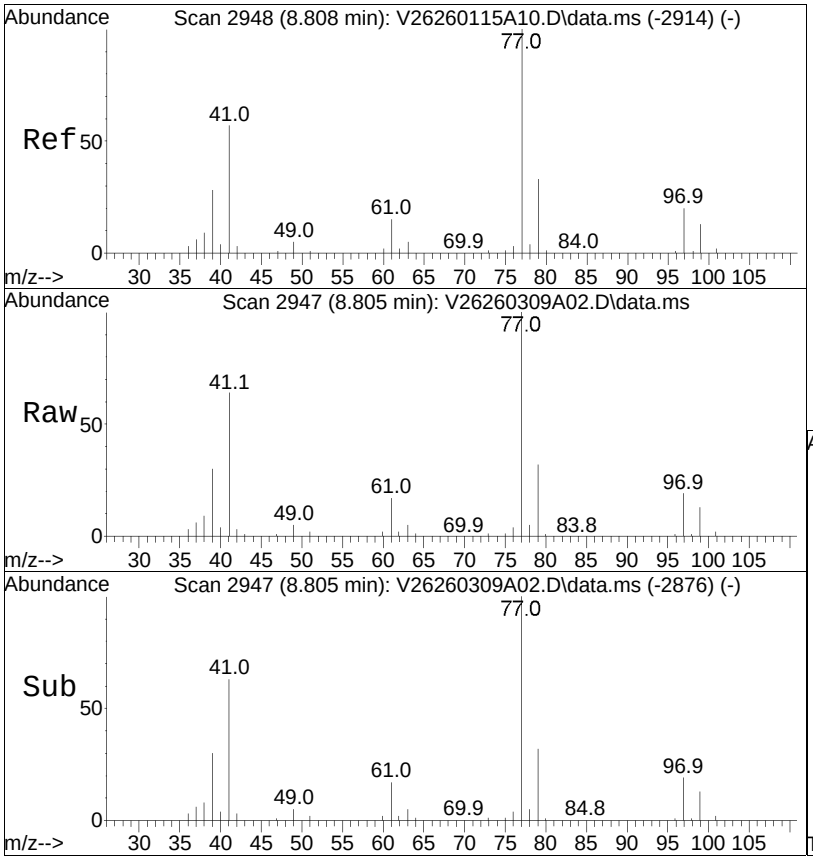


#31
cis-1,2-Dichloroethene
Concen: 35.67 ug/L
RT: 8.906 min Scan# 2983
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 96 Resp: 579868

Ion	Ratio	Lower	Upper
96	100		
61	158.9	117.3	175.9
98	63.0	51.4	77.0

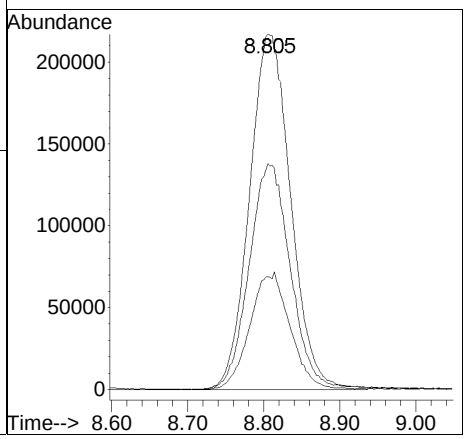


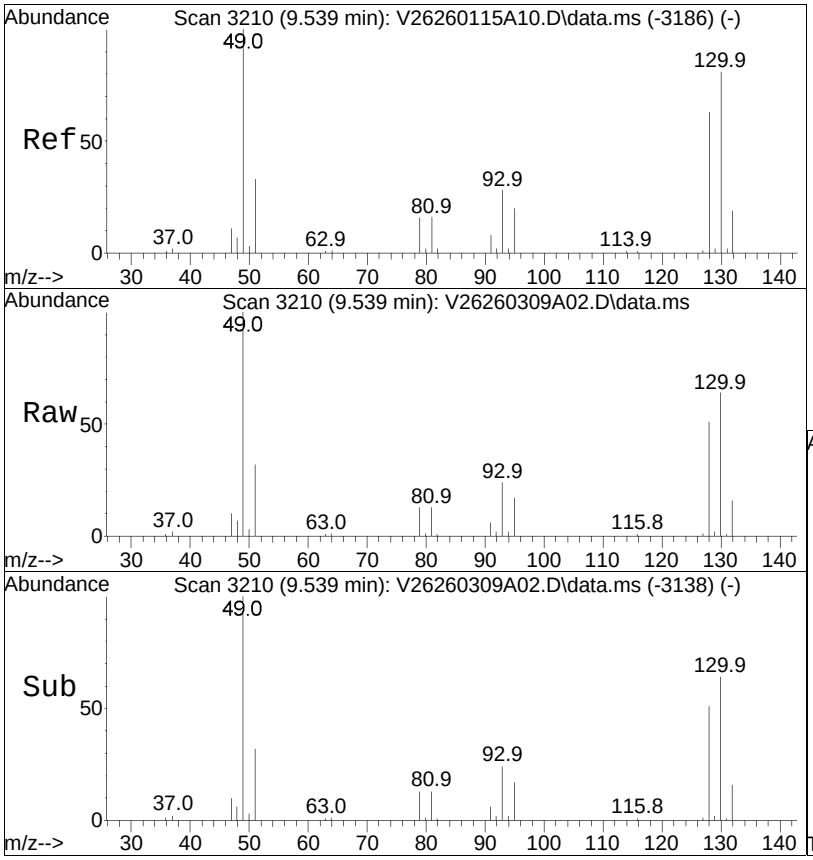


#32
2,2-Dichloropropane
Concen: 36.79 ug/L
RT: 8.805 min Scan# 2947
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 77 Resp: 817156

Ion	Ratio	Lower	Upper
77	100		
41	63.7	40.4	83.8
79	32.0	20.9	43.5

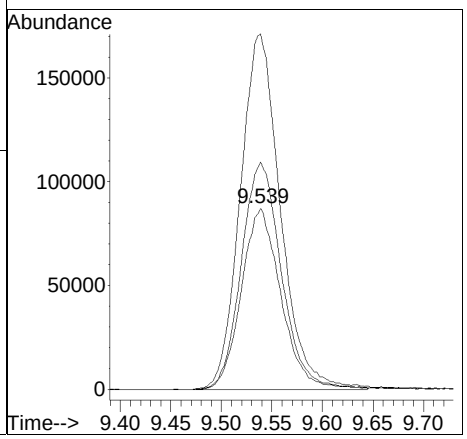


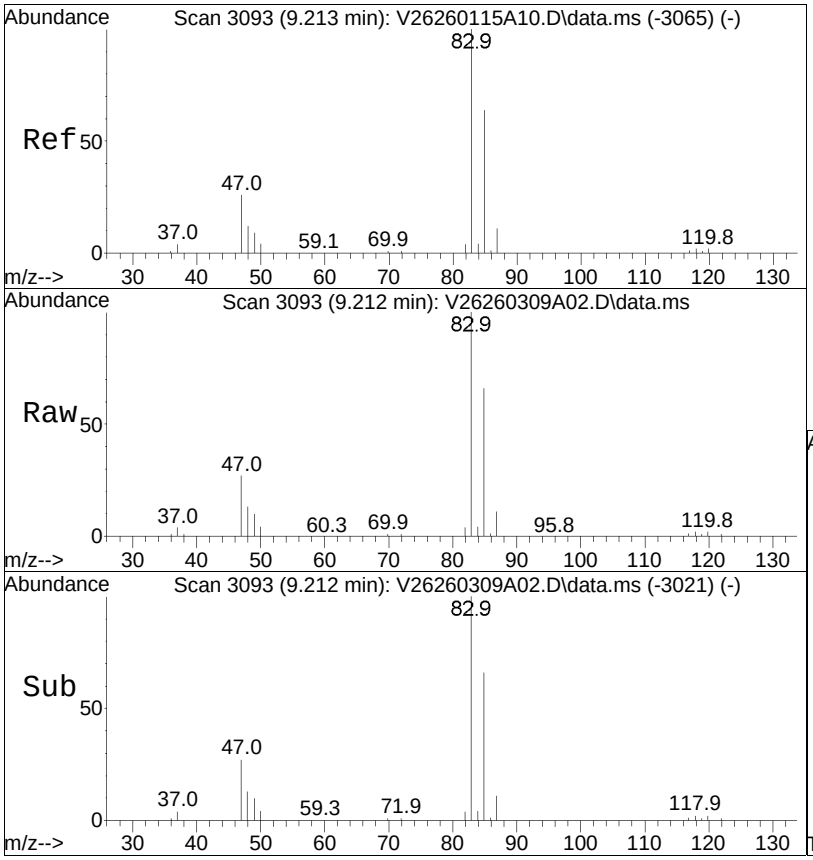


#33
Bromochloromethane
Concen: 34.85 ug/L
RT: 9.539 min Scan# 3210
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:128 Resp: 237734

Ion	Ratio	Lower	Upper
128	100		
49	200.1	139.0	208.4
130	128.0	102.9	154.3

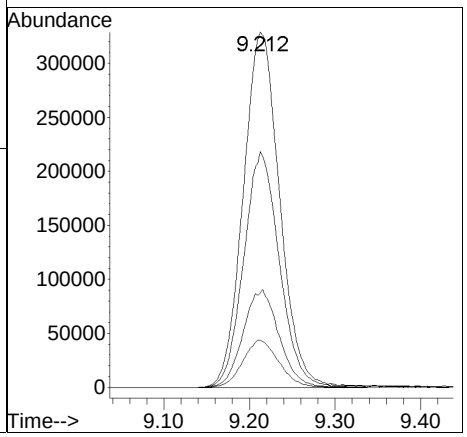


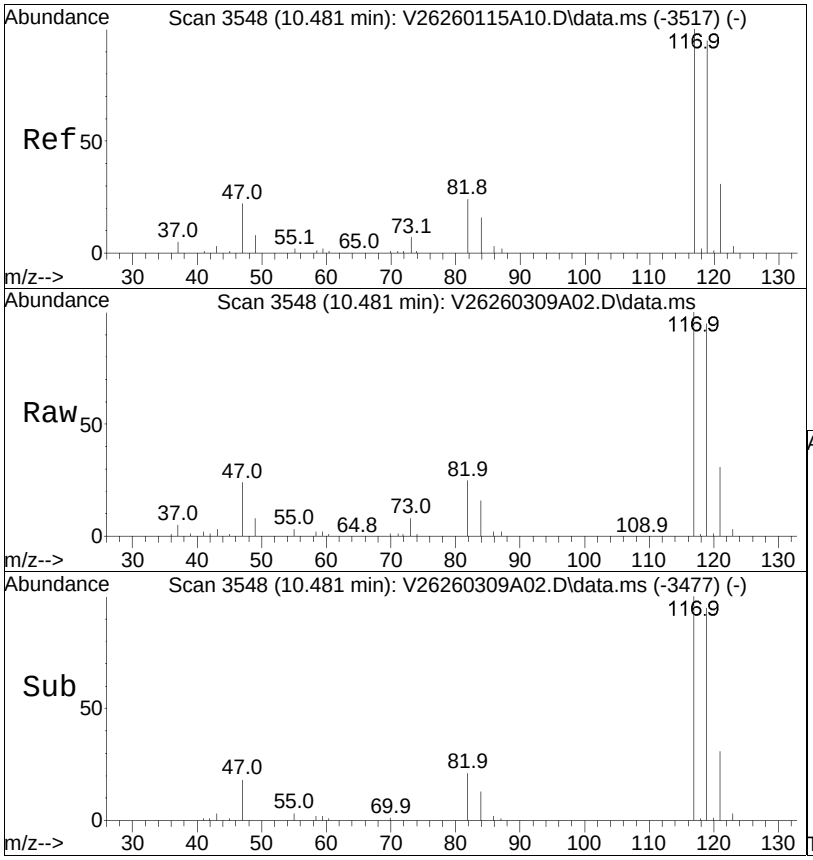


#35
Chloroform
Concen: 34.71 ug/L
RT: 9.212 min Scan# 3093
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 83 Resp: 975182

Ion	Ratio	Lower	Upper
83	100		
85	65.2	42.3	87.9
47	27.3	17.3	35.9
48	13.2	8.3	17.3

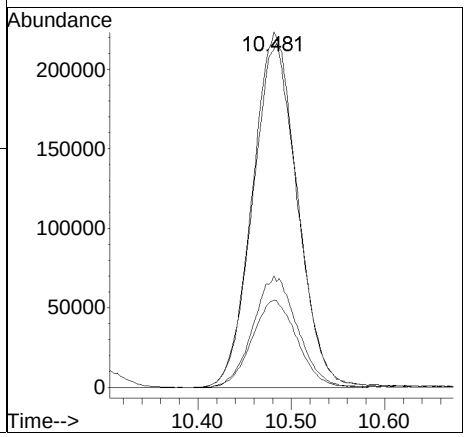


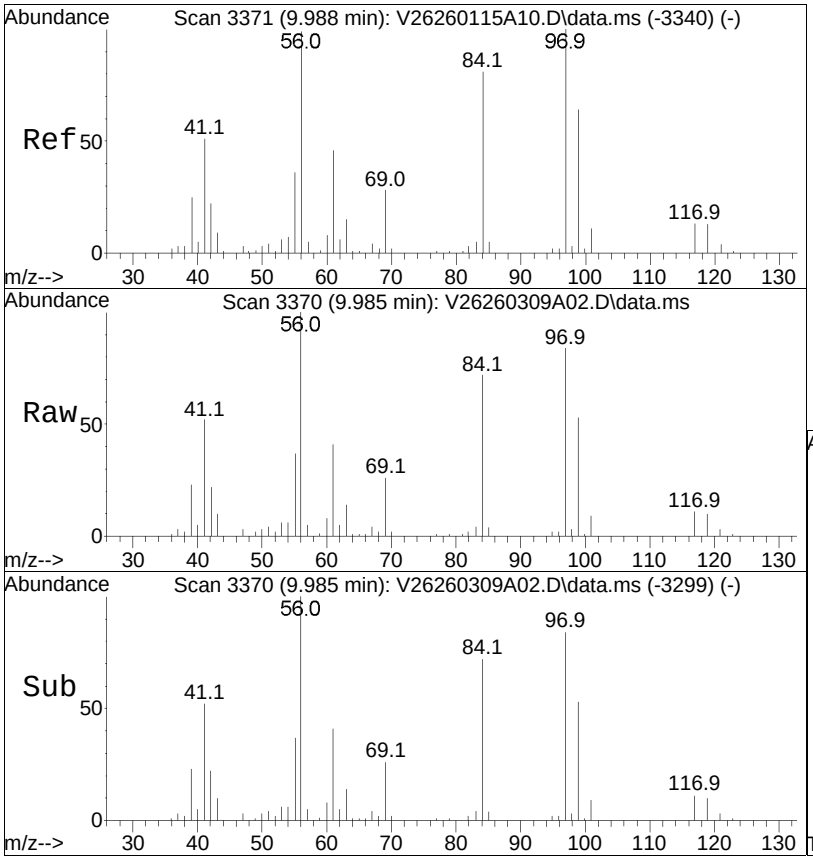


#37
Carbon tetrachloride
Concen: 35.70 ug/L
RT: 10.481 min Scan# 3548
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:117 Resp: 747634

Ion	Ratio	Lower	Upper
117	100		
119	96.3	62.5	129.9
121	30.9	20.3	42.1
82	24.8	15.5	32.1

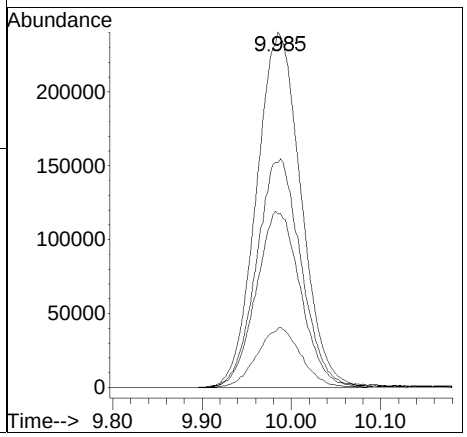


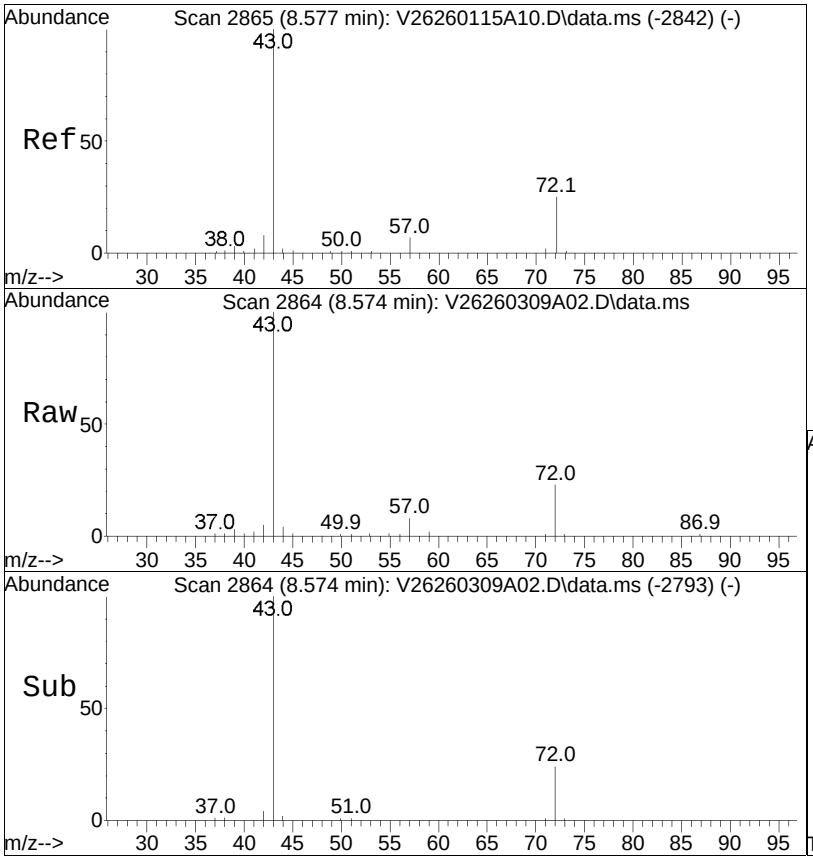


#40
1,1,1-Trichloroethane
Concen: 36.62 ug/L
RT: 9.985 min Scan# 3370
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 97 Resp: 833796

Ion	Ratio	Lower	Upper
97	100		
99	64.5	41.9	86.9
61	49.8	29.7	61.7
63	16.6	9.9	20.5

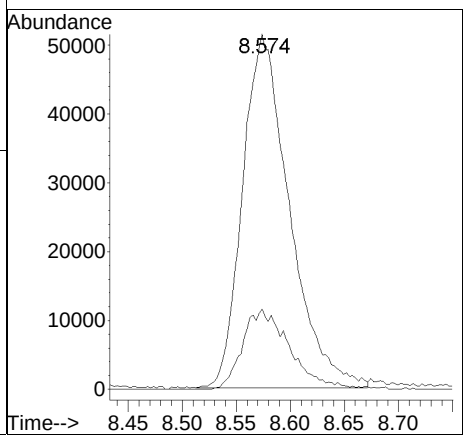


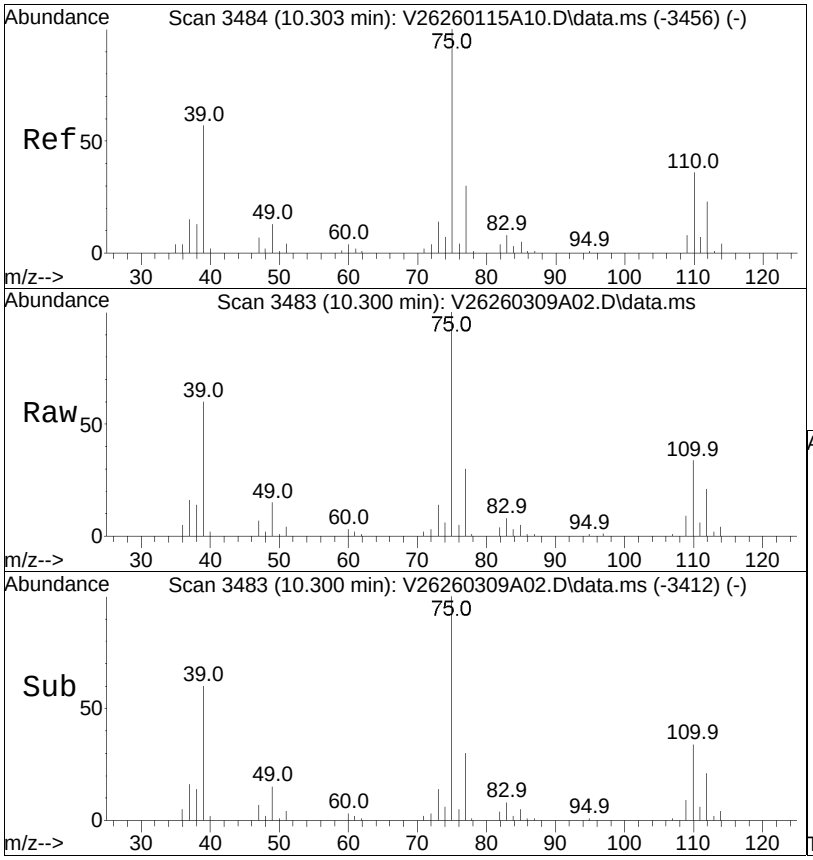


#42
2-Butanone
Concen: 36.65 ug/L
RT: 8.574 min Scan# 2864
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 43 Resp: 154722

Ion	Ratio	Lower	Upper
43	100		
72	23.0	18.7	28.1

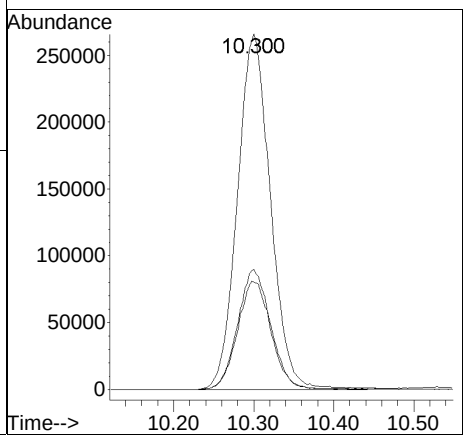


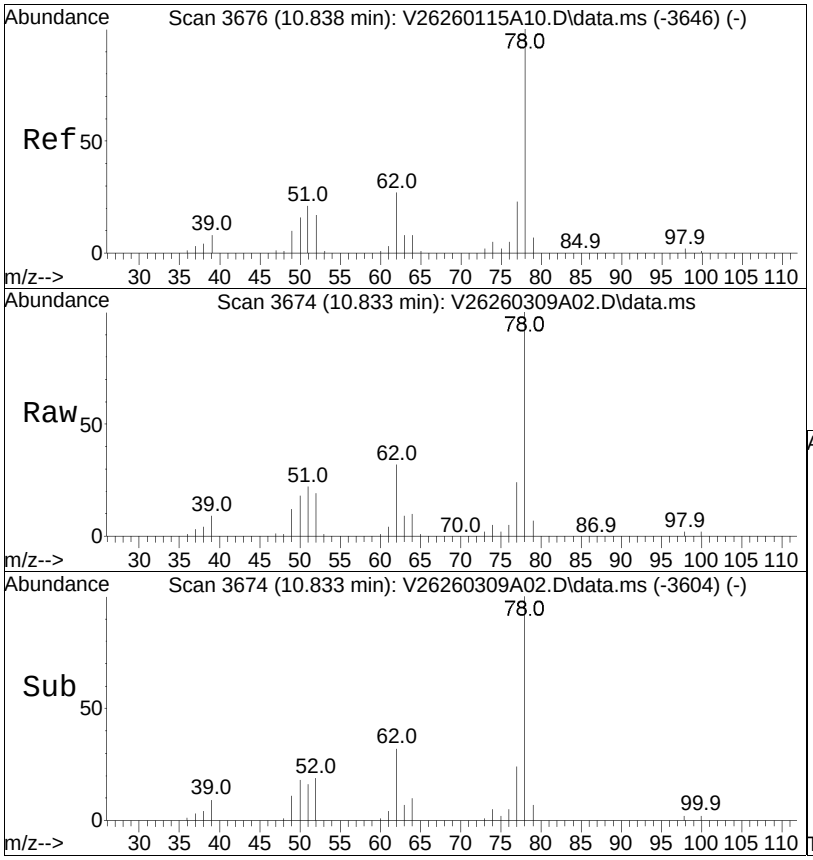


#43
1,1-Dichloropropene
Concen: 40.24 ug/L
RT: 10.300 min Scan# 3483
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 75 Resp: 763005

Ion	Ratio	Lower	Upper
75	100		
110	33.6	23.9	49.7
77	30.8	20.2	42.0

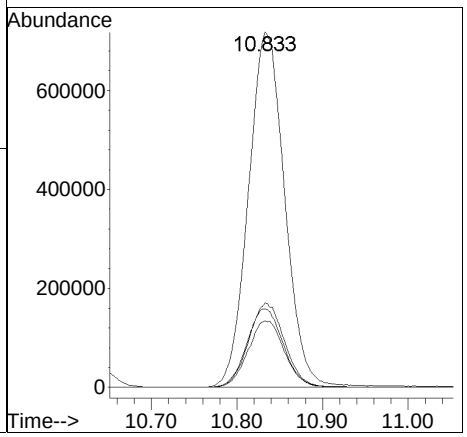


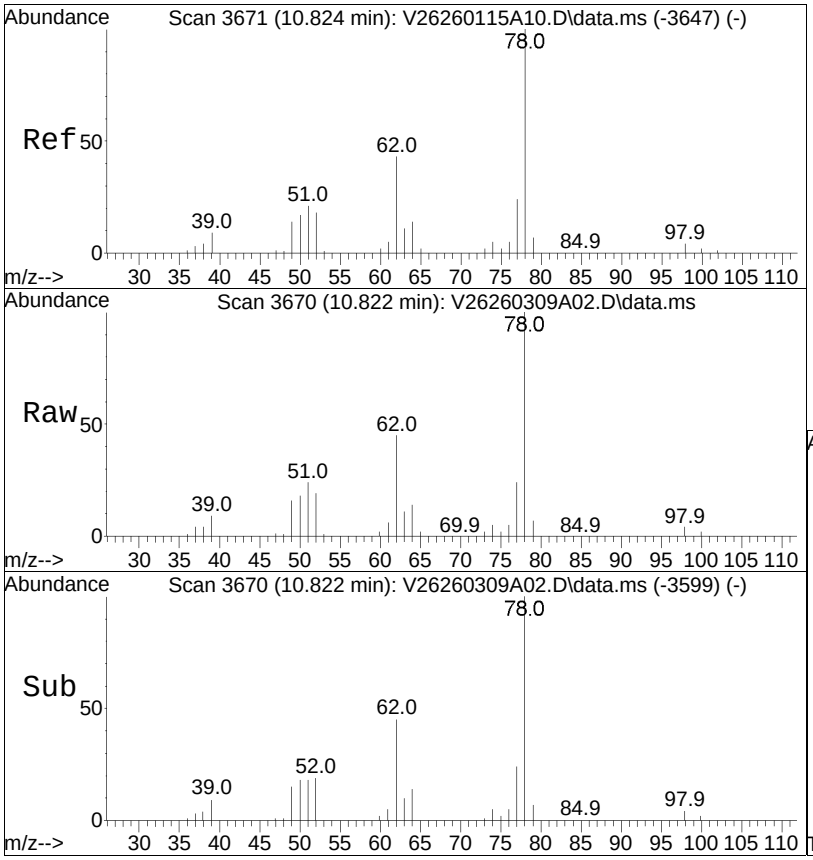


#45
Benzene
Concen: 38.22 ug/L
RT: 10.833 min Scan# 3674
Delta R.T. -0.006 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 78 Resp: 2116801

Ion	Ratio	Lower	Upper
78	100		
77	23.8	15.6	32.4
51	22.4	14.3	29.7
52	18.9	11.9	24.7

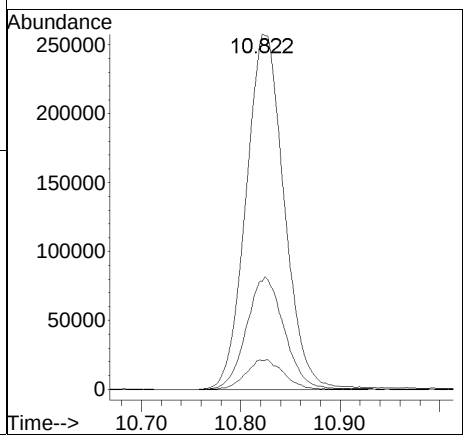


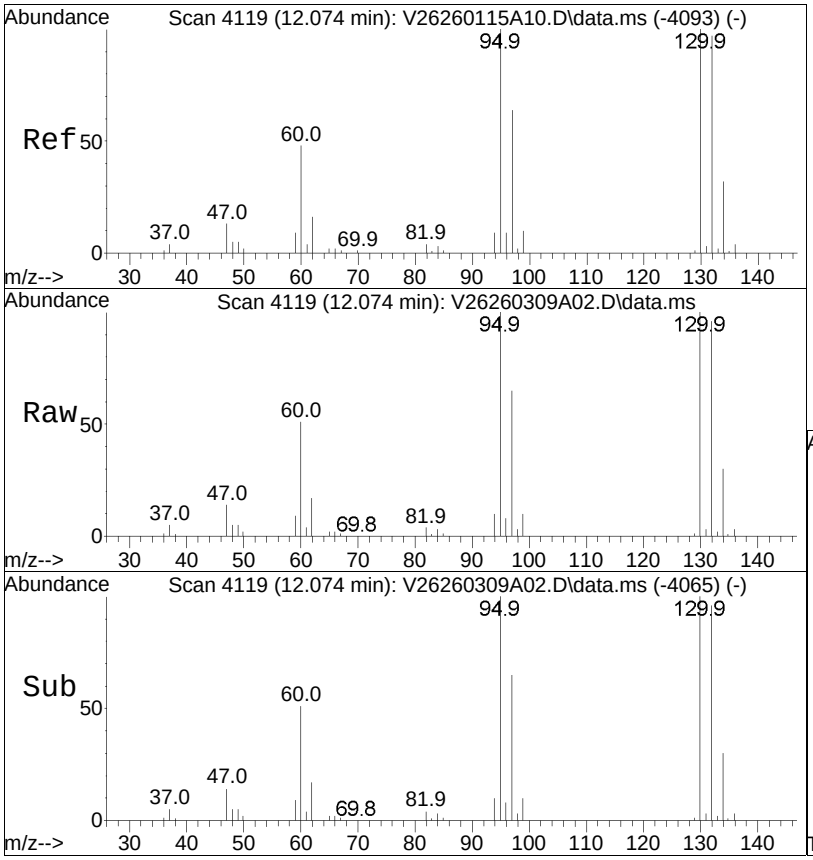


#48
1,2-Dichloroethane
Concen: 36.96 ug/L
RT: 10.822 min Scan# 3670
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 62 Resp: 687100

Ion	Ratio	Lower	Upper
62	100		
64	31.3	12.0	52.0
98	8.3	0.0	29.3

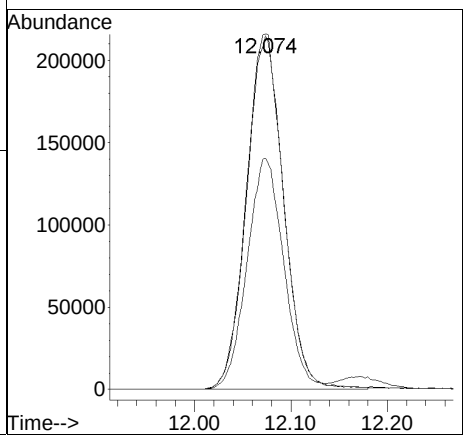


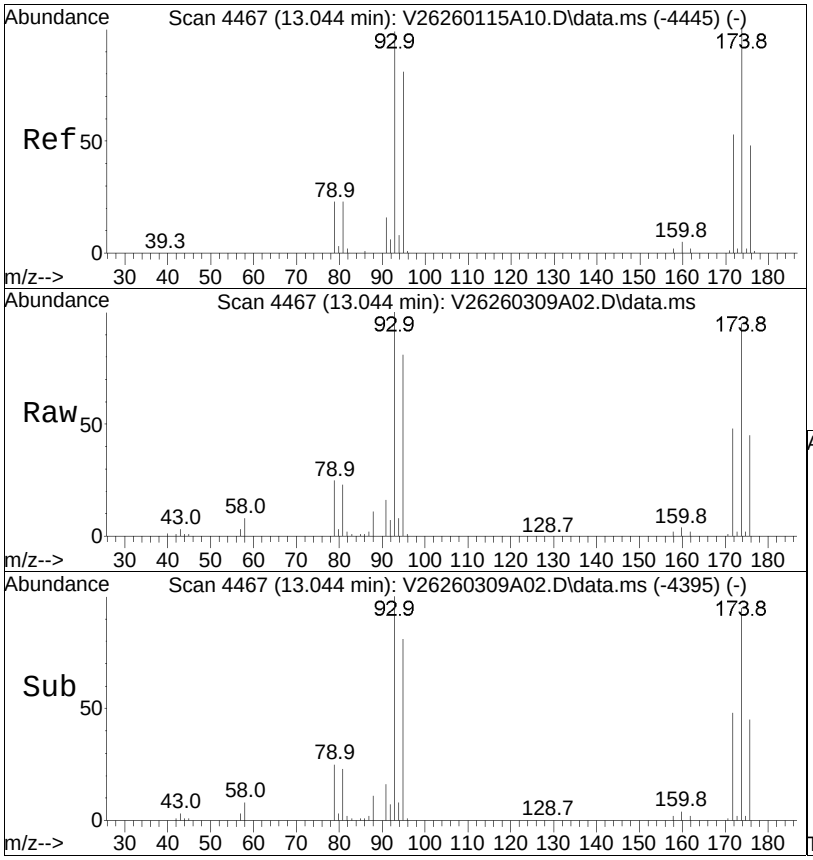


#52
Trichloroethene
Concen: 37.57 ug/L
RT: 12.074 min Scan# 4119
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 95 Resp: 582548

Ion	Ratio	Lower	Upper
95	100		
97	63.9	51.3	76.9
130	98.5	84.5	126.7

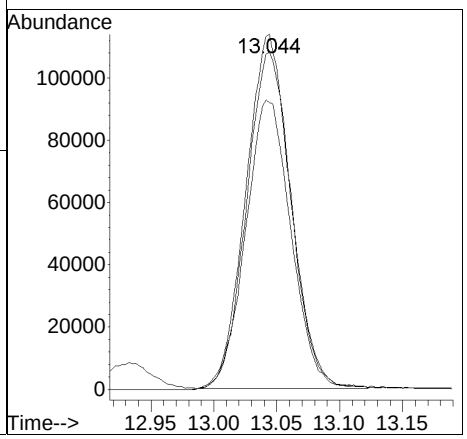


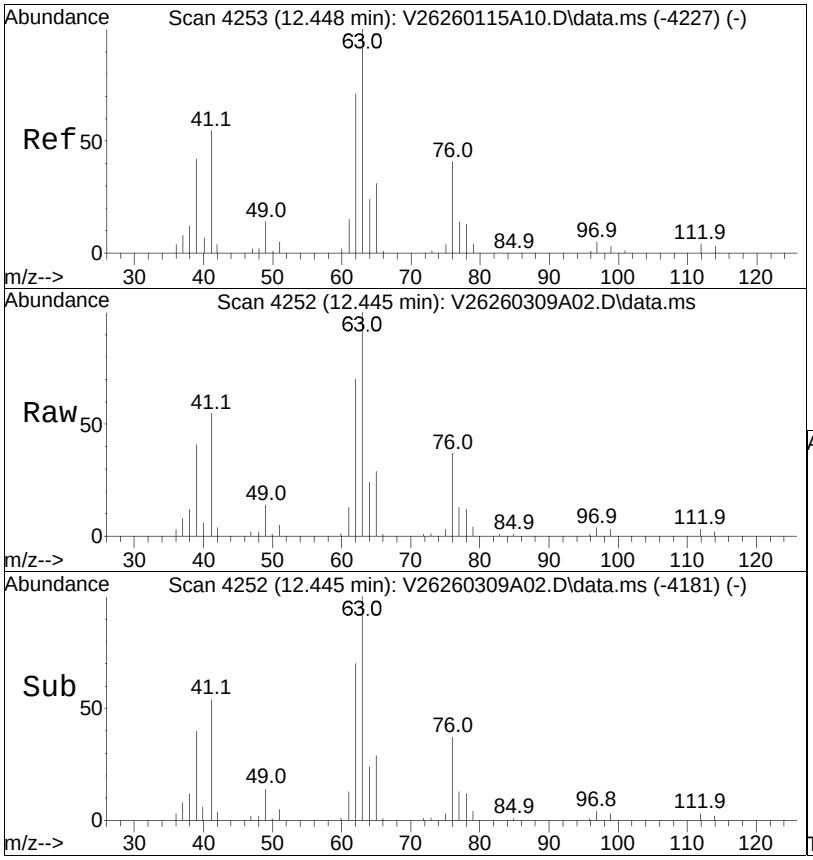


#54
Dibromomethane
Concen: 35.16 ug/L
RT: 13.044 min Scan# 4467
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 93 Resp: 280882

Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.8	100.2
174	96.9	79.5	119.3

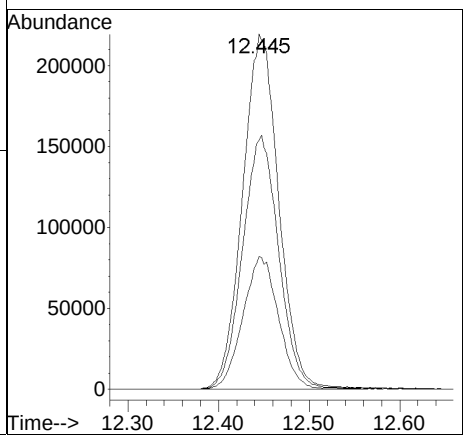


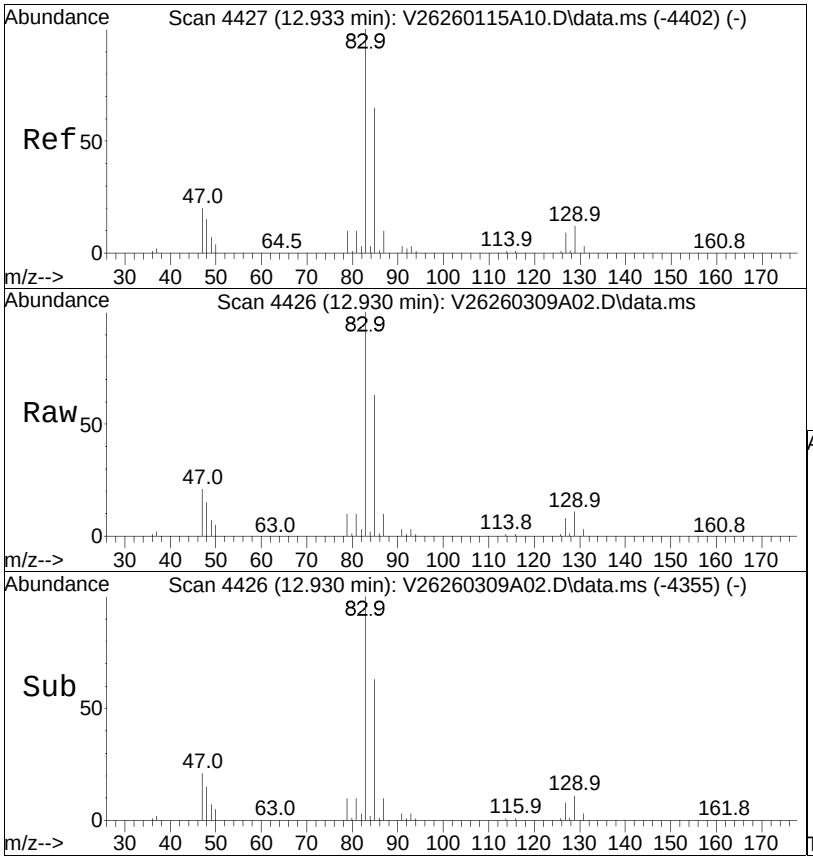


#55
1,2-Dichloropropane
Concen: 40.49 ug/L
RT: 12.445 min Scan# 4252
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 63 Resp: 611203

Ion	Ratio	Lower	Upper
63	100		
62	71.3	57.3	85.9
76	36.8	31.9	47.9

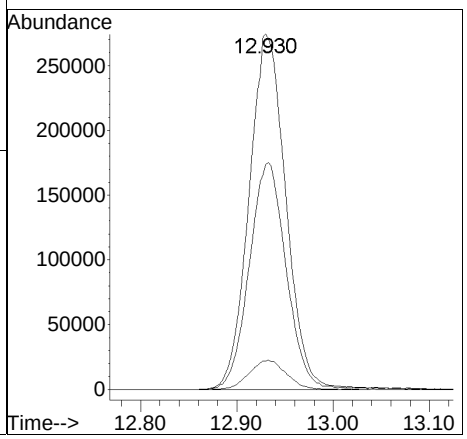


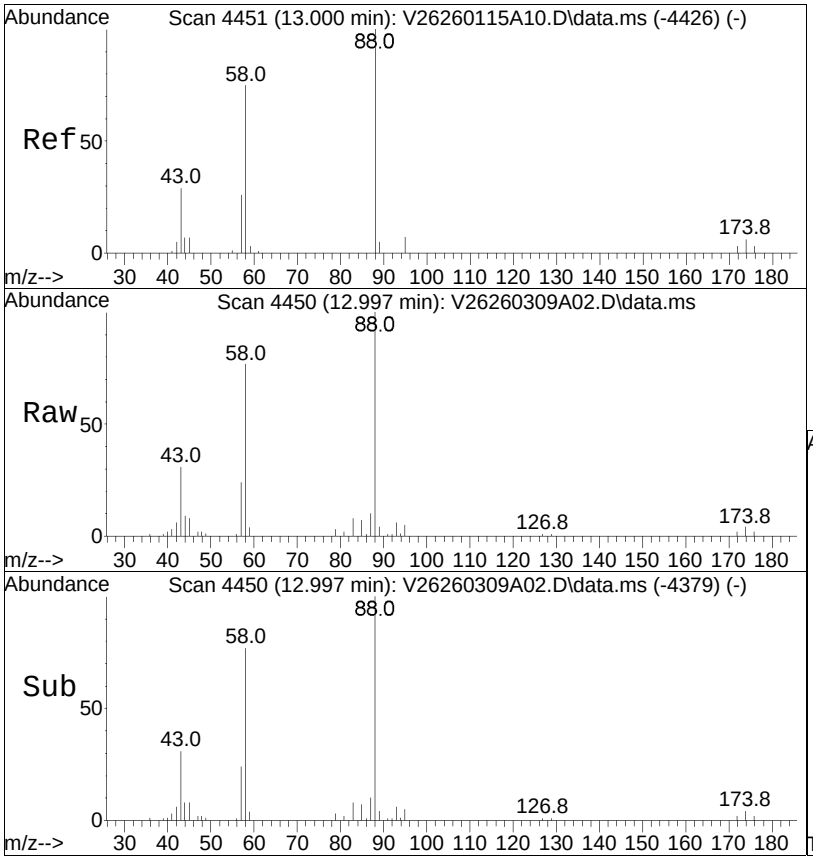


#58
Bromodichloromethane
Concen: 36.17 ug/L
RT: 12.930 min Scan# 4426
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 83 Resp: 729109

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.4	77.0
127	8.2	7.1	10.7

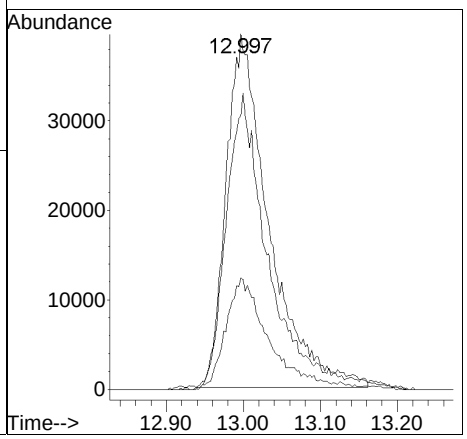


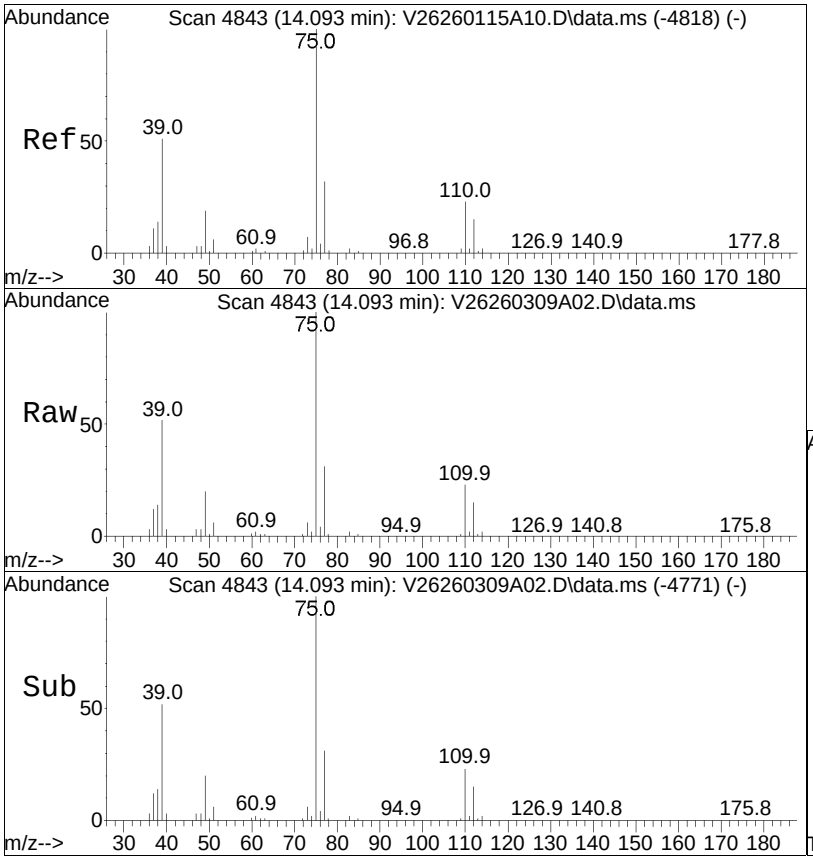


#61
1,4-Dioxane
Concen: 1879.62 ug/L
RT: 12.997 min Scan# 4450
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 88 Resp: 152551

Ion	Ratio	Lower	Upper
88	100		
58	80.6	57.0	85.4
43	31.3	20.4	30.6#

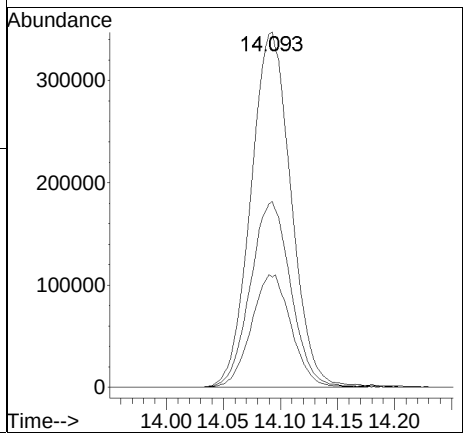


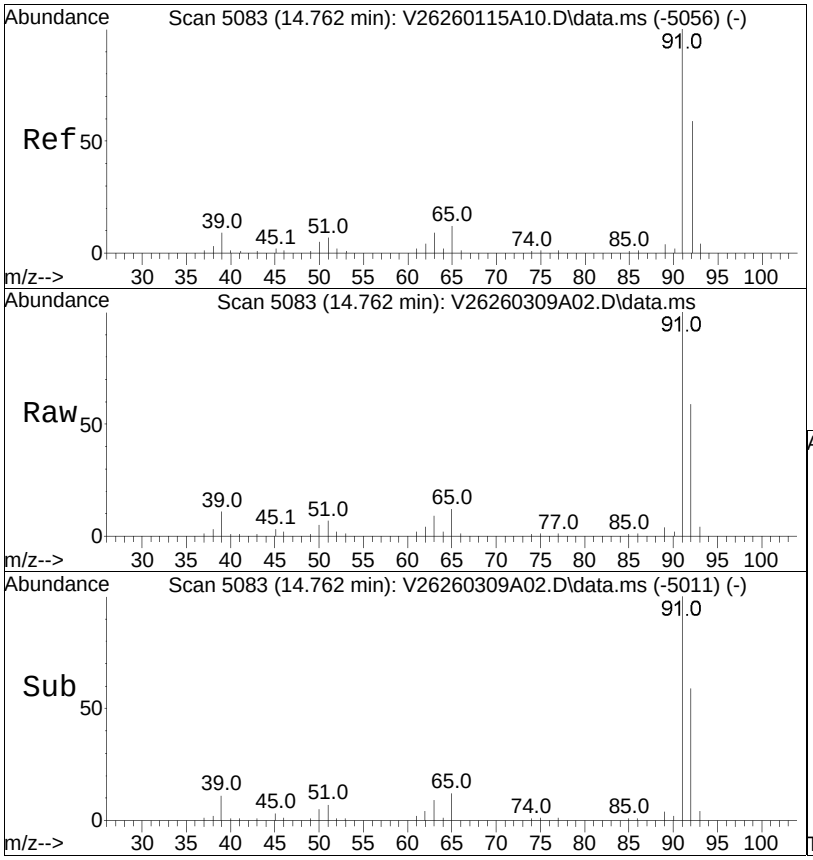


#62
cis-1,3-Dichloropropene
Concen: 37.77 ug/L
RT: 14.093 min Scan# 4843
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 75 Resp: 851284

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.5	38.3
39	52.6	43.7	65.5

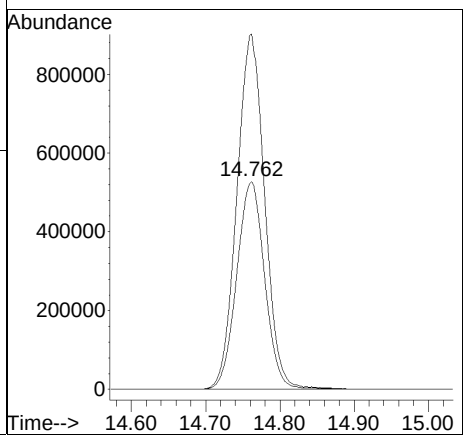


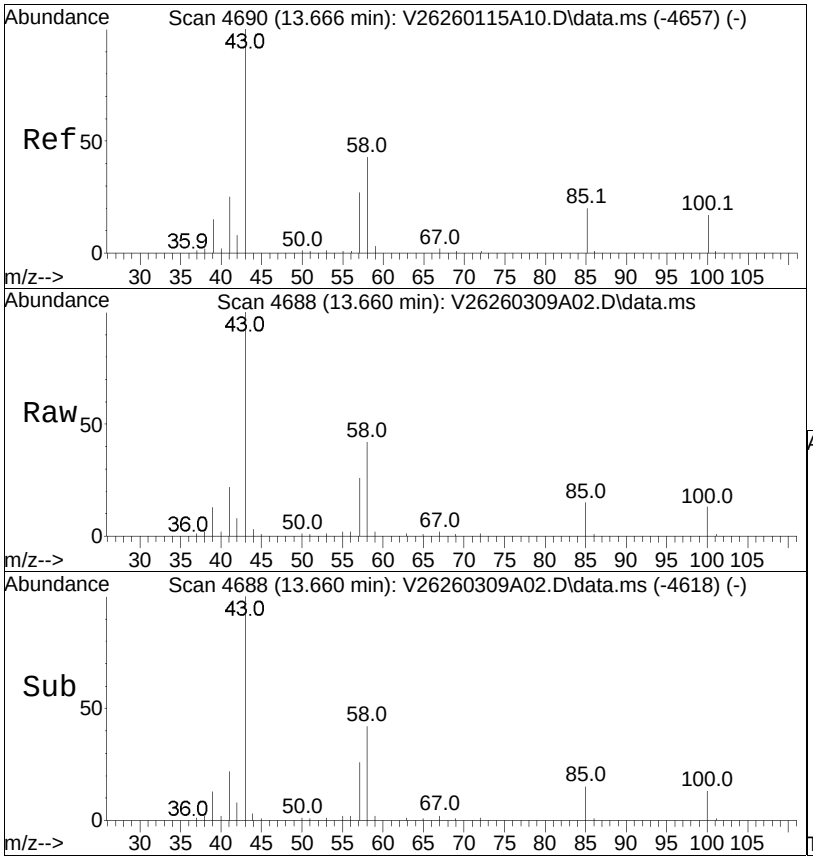


#66
Toluene
Concen: 38.73 ug/L
RT: 14.762 min Scan# 5083
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 92 Resp: 1384027

Ion	Ratio	Lower	Upper
92	100		
91	169.7	132.2	198.2

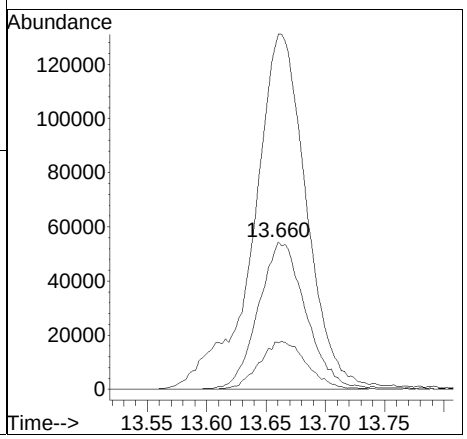


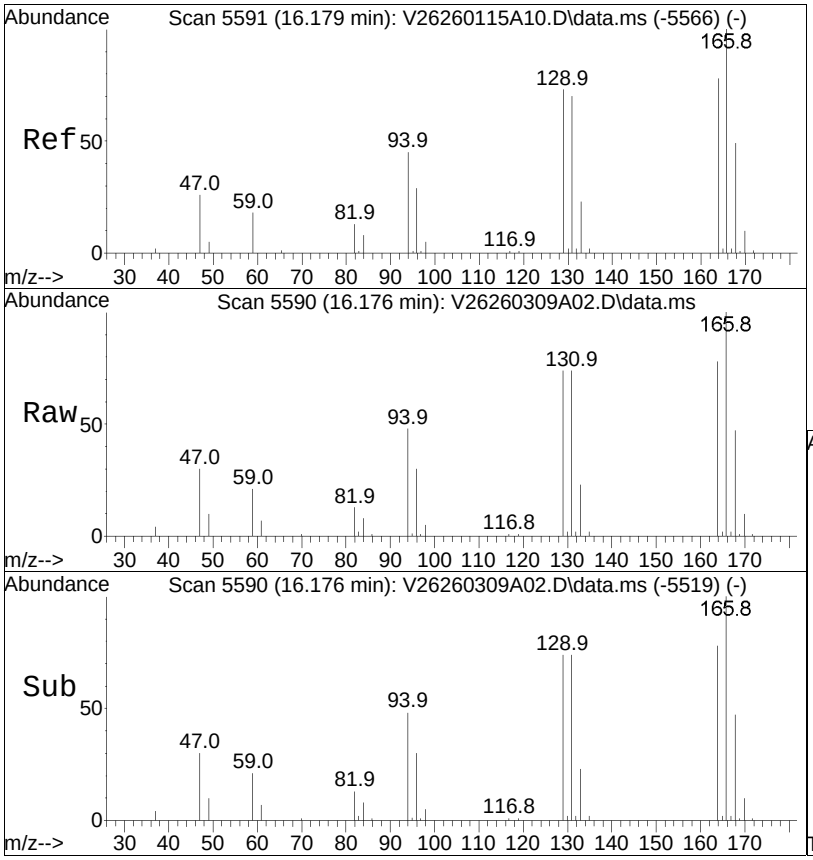


#67
4-Methyl-2-pentanone
Concen: 41.10 ug/L
RT: 13.660 min Scan# 4688
Delta R.T. -0.006 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 58 Resp: 151410

Ion	Ratio	Lower	Upper
58	100		
100	33.0	29.7	44.5
43	271.6	202.8	304.2

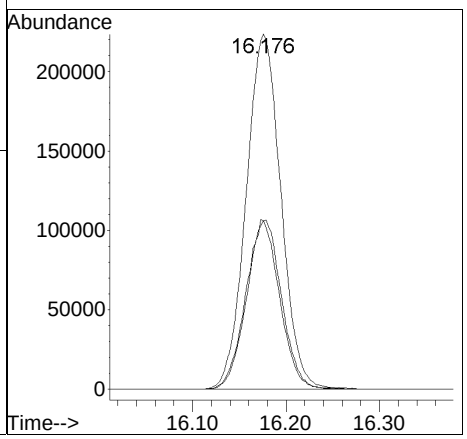


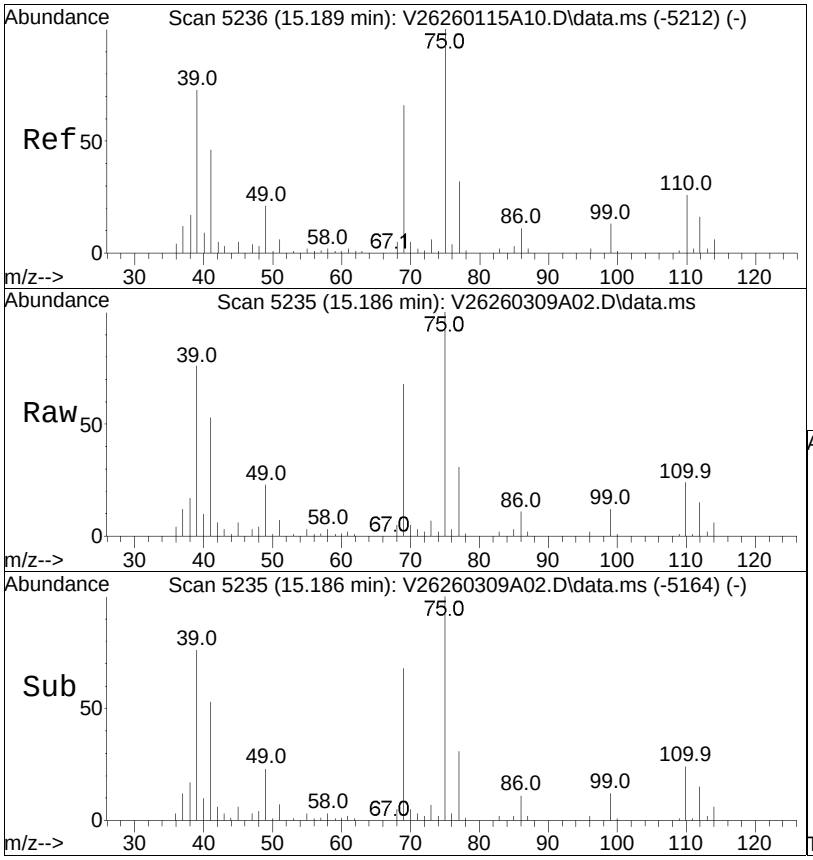


#68
Tetrachloroethene
Concen: 37.11 ug/L
RT: 16.176 min Scan# 5590
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:166 Resp: 579391

Ion	Ratio	Lower	Upper
166	100		
168	48.0	27.8	67.8
94	46.7	24.4	64.4

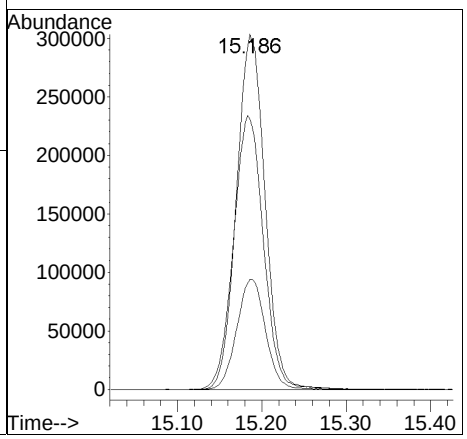


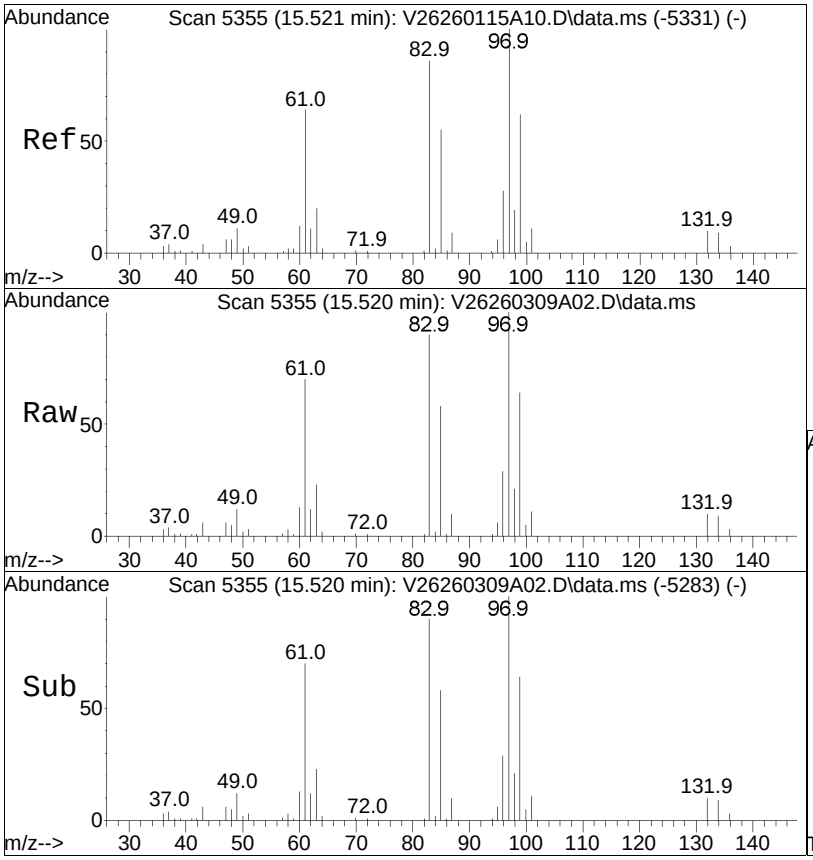


#71
trans-1,3-Dichloropropene
Concen: 39.09 ug/L
RT: 15.186 min Scan# 5235
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 75 Resp: 711410

Ion	Ratio	Lower	Upper
75	100		
77	31.3	11.8	51.8
39	81.1	66.6	106.6

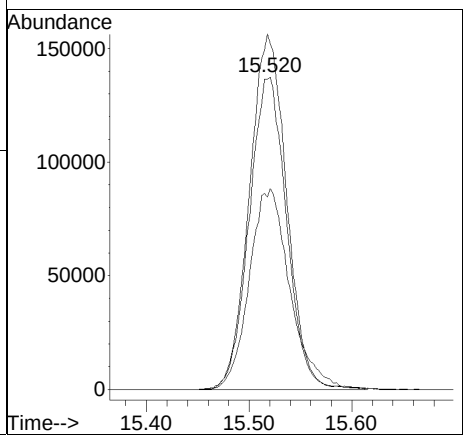


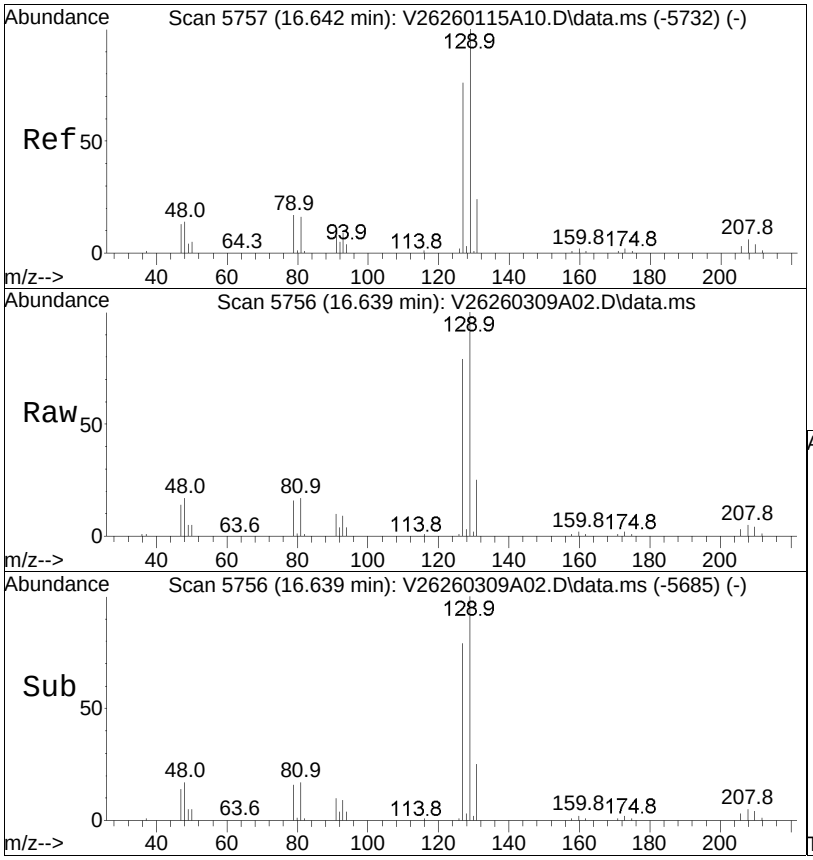


#75
1,1,2-Trichloroethane
Concen: 39.22 ug/L
RT: 15.520 min Scan# 5355
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 83 Resp: 346659

Ion	Ratio	Lower	Upper
83	100		
97	113.7	97.2	137.2
85	70.3	52.0	92.0

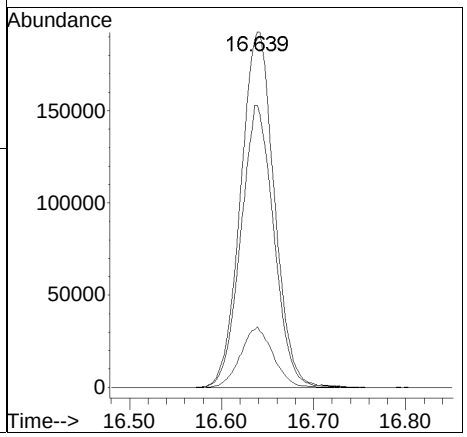


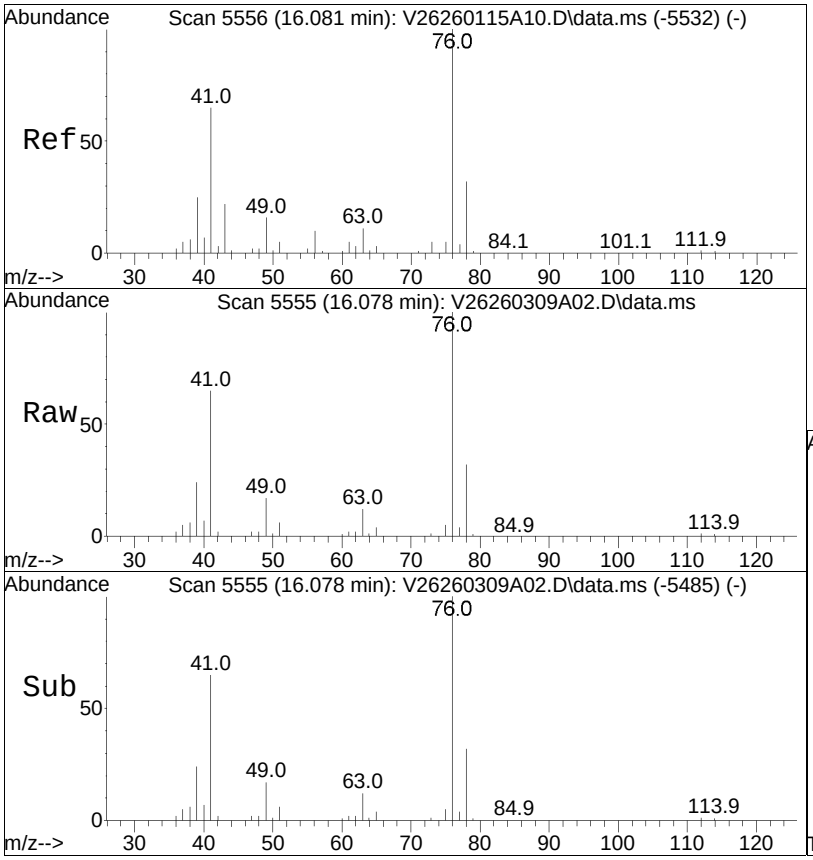


#76
Chlorodibromomethane
Concen: 36.53 ug/L
RT: 16.639 min Scan# 5756
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:129 Resp: 489704

Ion	Ratio	Lower	Upper
129	100		
81	16.4	0.0	35.0
127	77.7	57.6	97.6

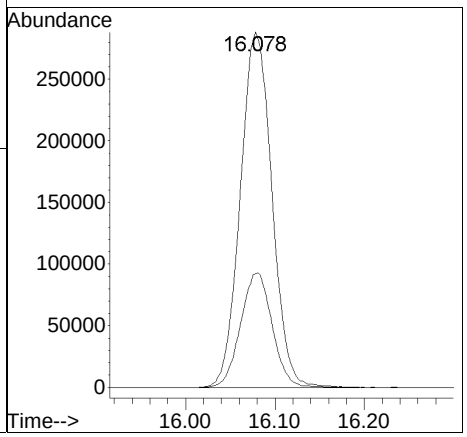


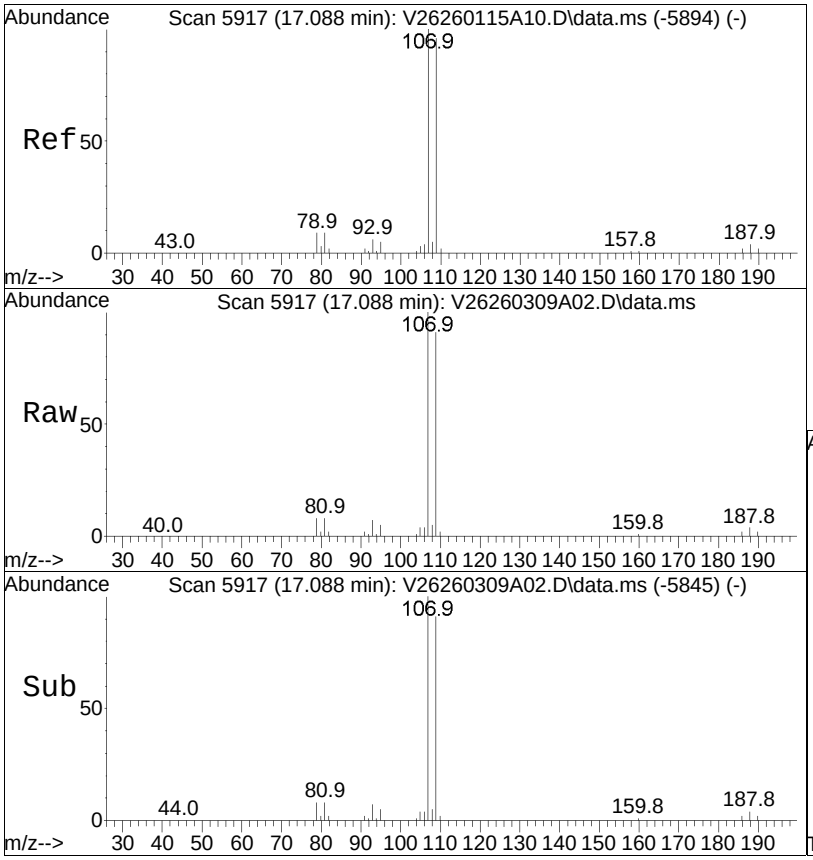


#77
1,3-Dichloropropane
Concen: 39.59 ug/L
RT: 16.078 min Scan# 5555
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 76 Resp: 708368

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.9	38.9

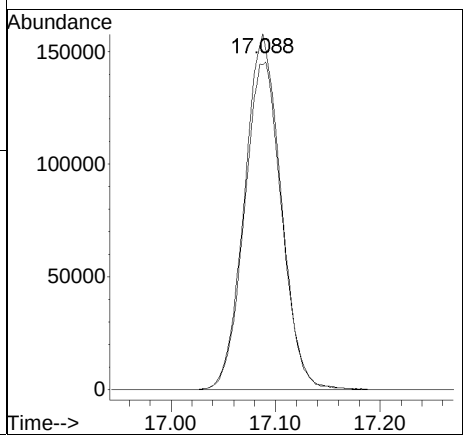


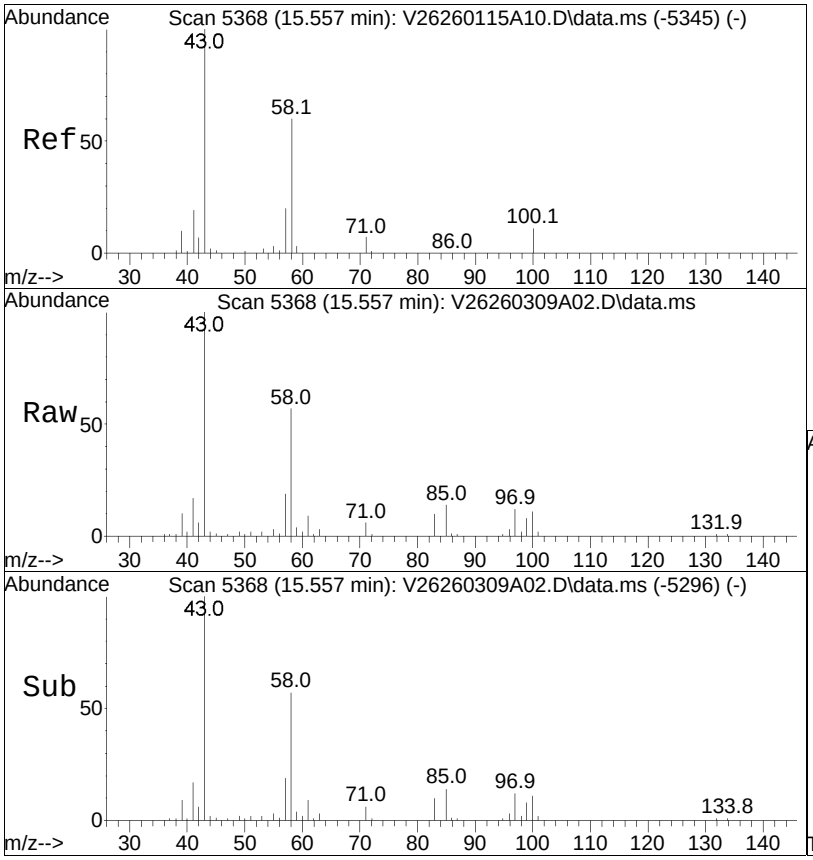


#78
1,2-Dibromoethane
Concen: 38.18 ug/L
RT: 17.088 min Scan# 5917
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:107 Resp: 382602

Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.5	113.3

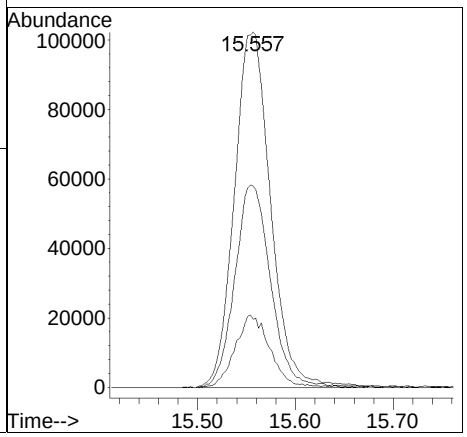


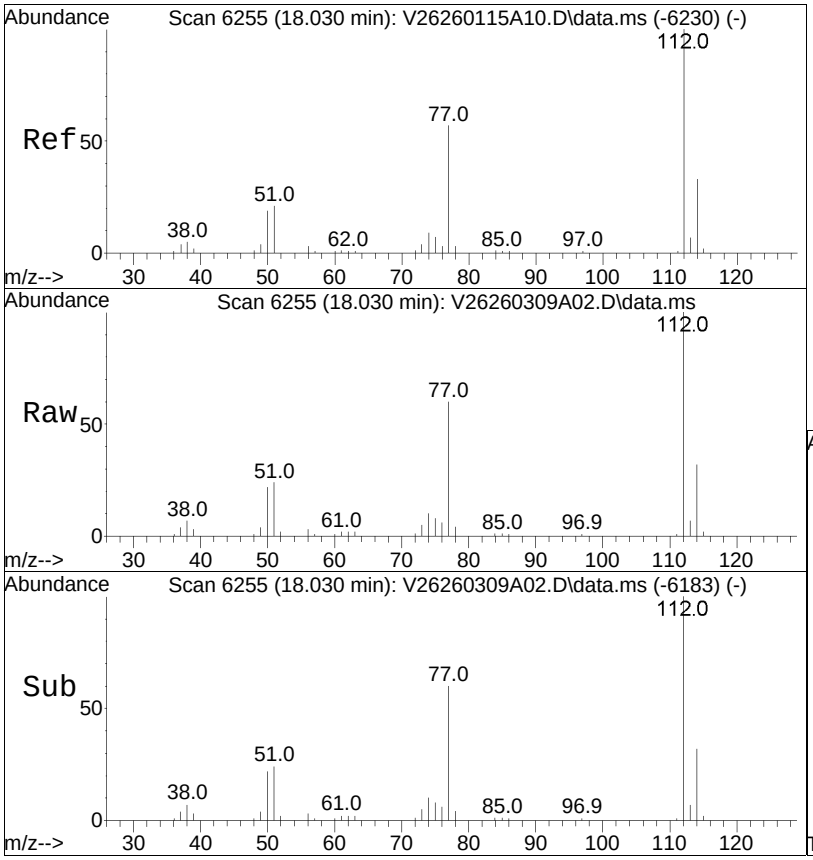


#80
2-Hexanone
Concen: 42.91 ug/L
RT: 15.557 min Scan# 5368
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 43 Resp: 263671

Ion	Ratio	Lower	Upper
43	100		
58	56.4	43.2	64.8
57	19.4	14.8	22.2

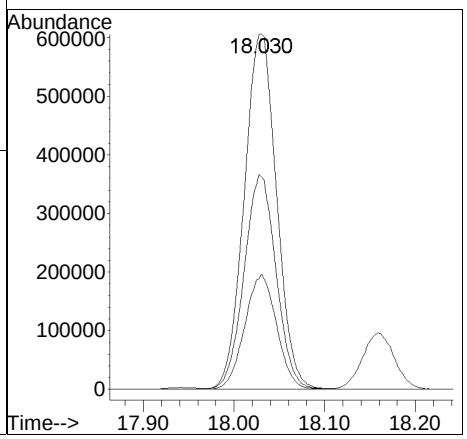


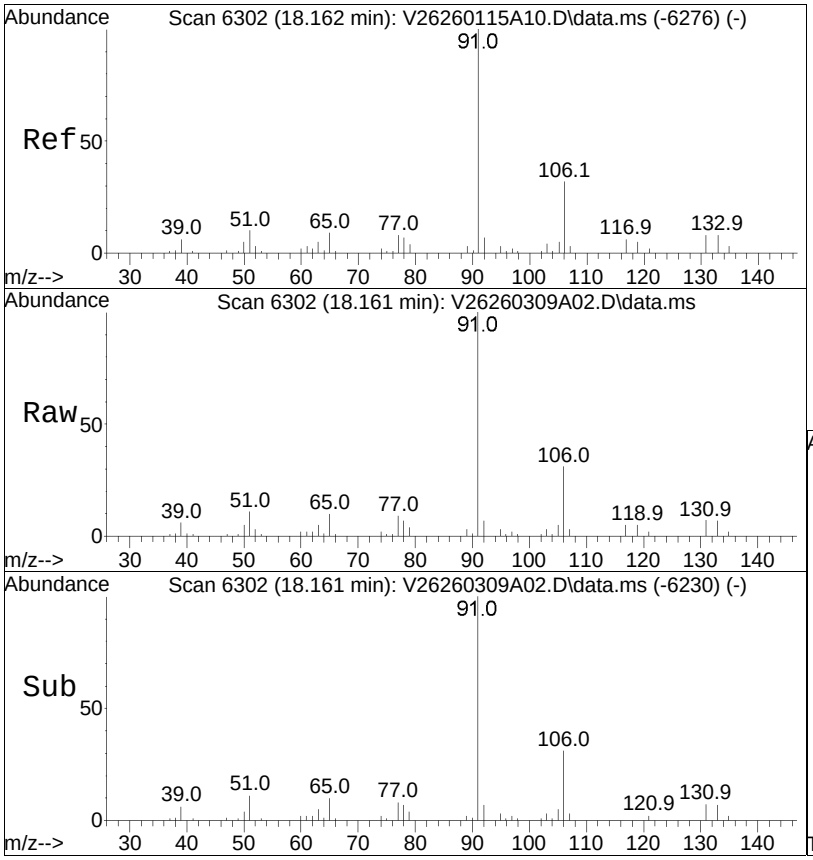


#82
Chlorobenzene
Concen: 38.43 ug/L
RT: 18.030 min Scan# 6255
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:112 Resp: 1507995

Ion	Ratio	Lower	Upper
112	100		
77	59.2	46.1	69.1
114	31.9	26.3	39.5

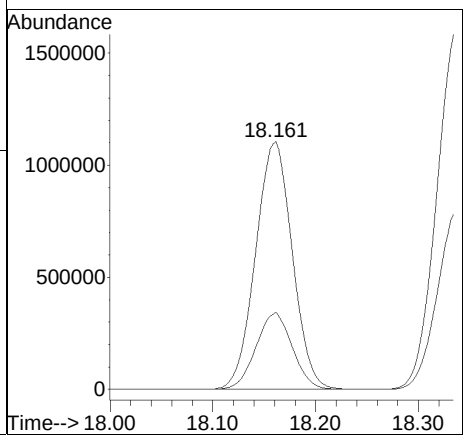


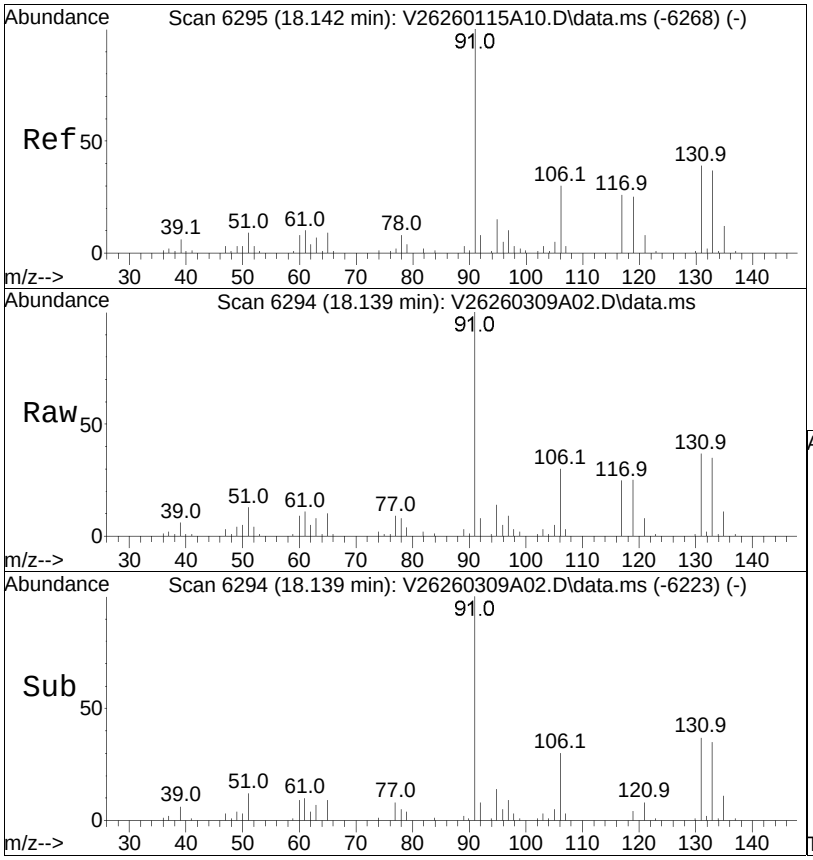


#83
Ethylbenzene
Concen: 40.35 ug/L
RT: 18.161 min Scan# 6302
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 91 Resp: 2749211

Ion	Ratio	Lower	Upper
91	100		
106	30.6	26.6	39.8

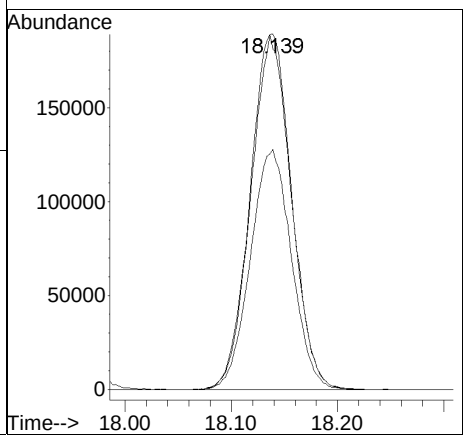


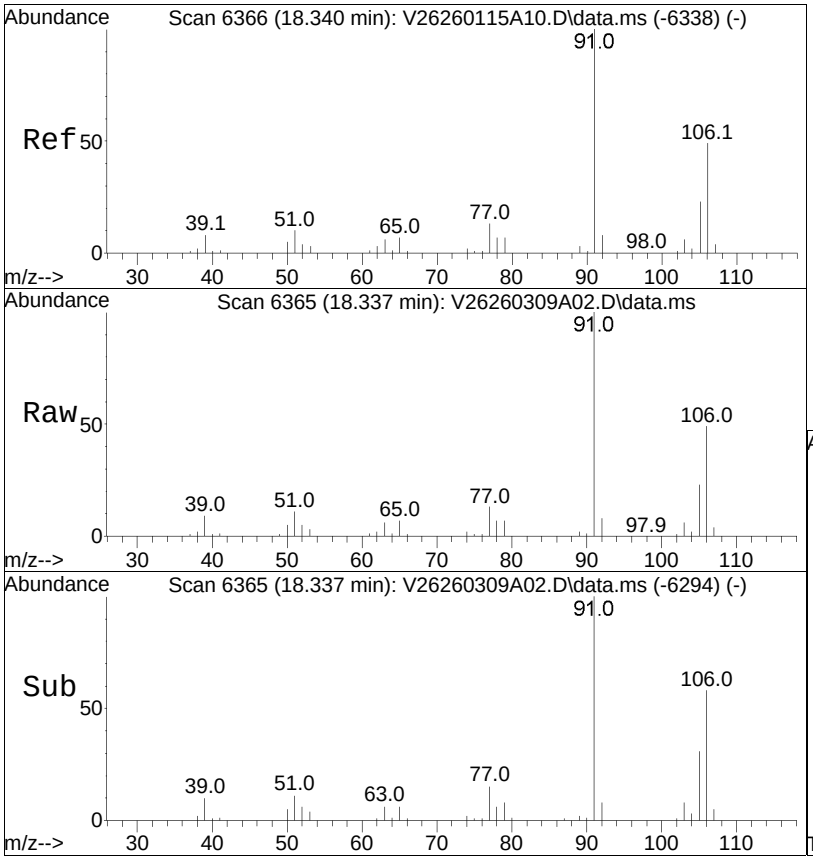


#84
1,1,1,2-Tetrachloroethane
Concen: 37.36 ug/L
RT: 18.139 min Scan# 6294
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:131 Resp: 516660

Ion	Ratio	Lower	Upper
131	100		
133	96.2	75.1	115.1
119	66.5	46.3	86.3

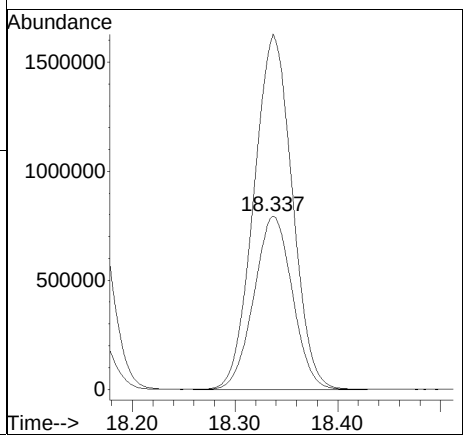


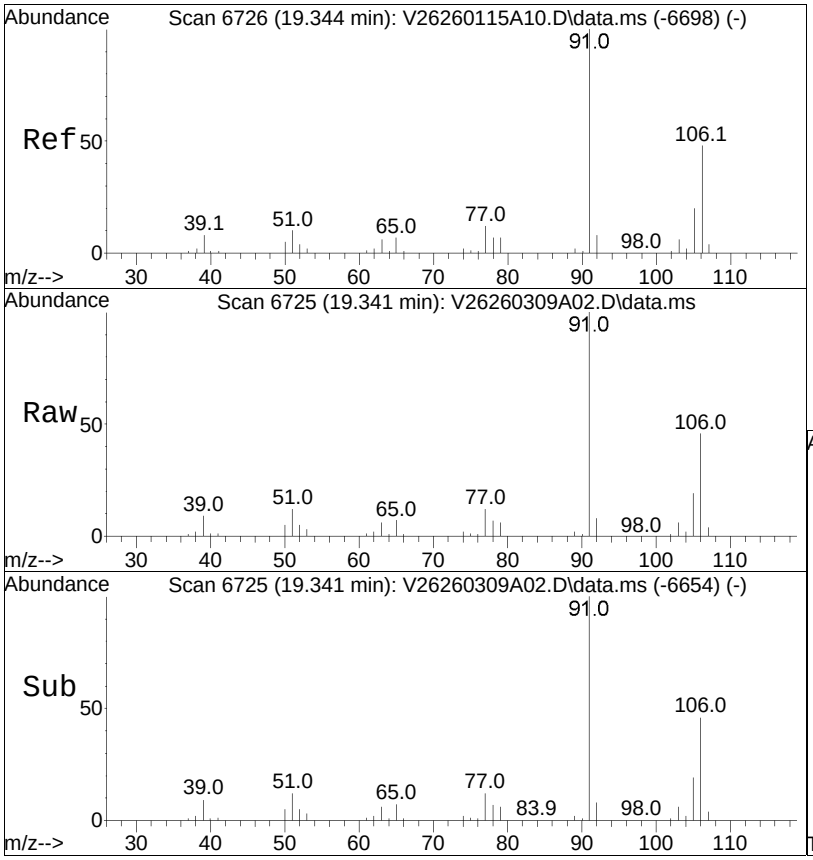


#85
p/m Xylene
Concen: 78.81 ug/L
RT: 18.337 min Scan# 6365
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:106 Resp: 2066554

Ion	Ratio	Lower	Upper
106	100		
91	204.2	147.9	221.9

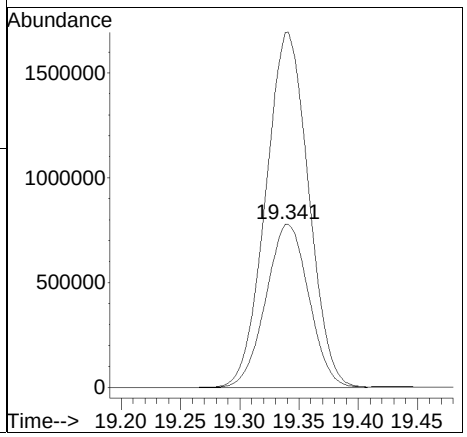


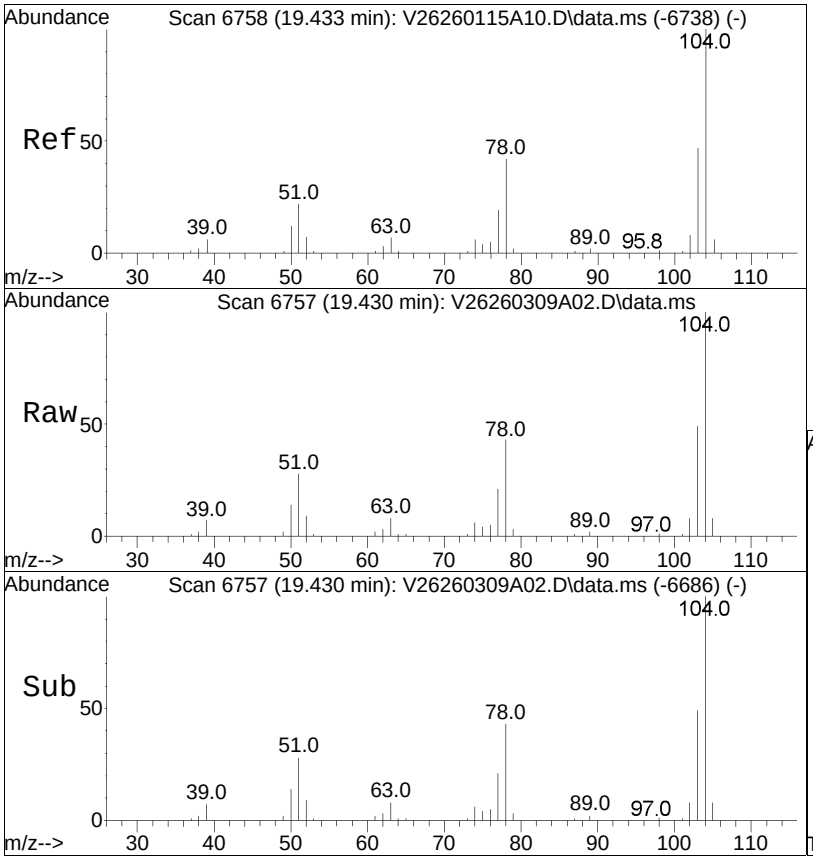


#86
o Xylene
Concen: 78.03 ug/L
RT: 19.341 min Scan# 6725
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:106 Resp: 1962649

Ion	Ratio	Lower	Upper
106	100		
91	217.0	155.0	232.6

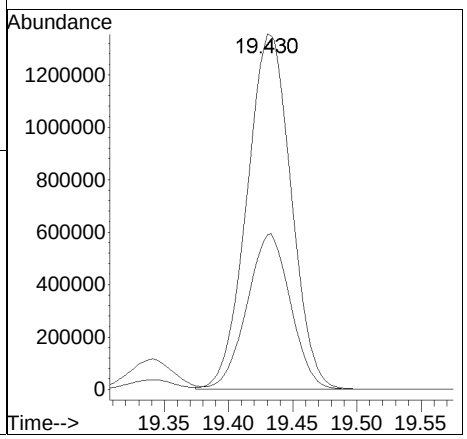


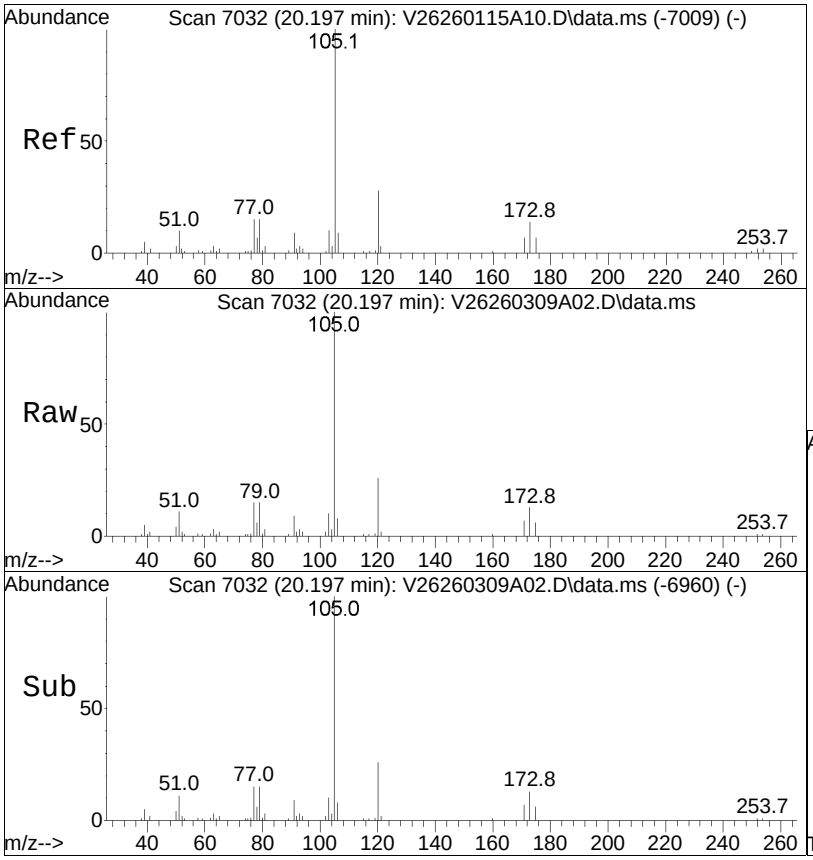


#87
Styrene
Concen: 78.05 ug/L
RT: 19.430 min Scan# 6757
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:104 Resp: 3245032

Ion	Ratio	Lower	Upper
104	100		
78	43.0	36.0	54.0

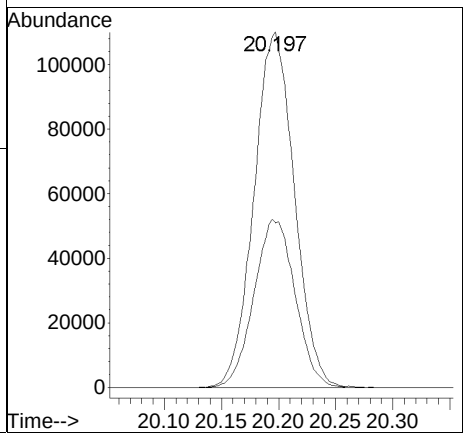


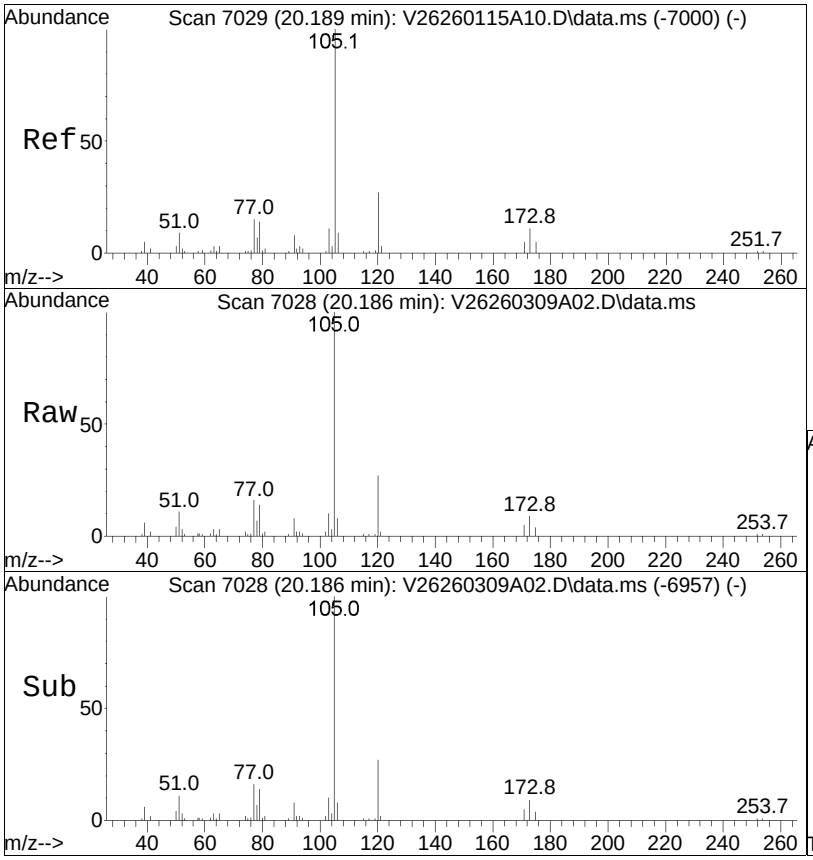


#89
Bromoform
Concen: 35.86 ug/L
RT: 20.197 min Scan# 7032
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:173 Resp: 271028

Ion	Ratio	Lower	Upper
173	100		
175	48.1	28.7	68.7

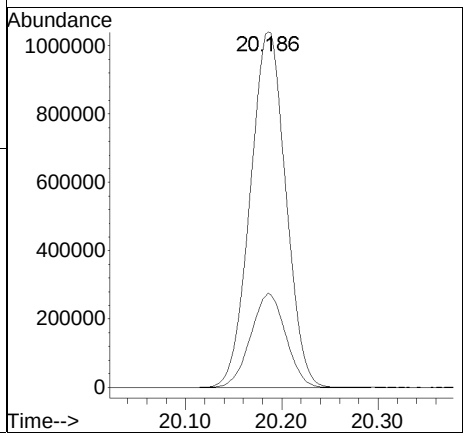


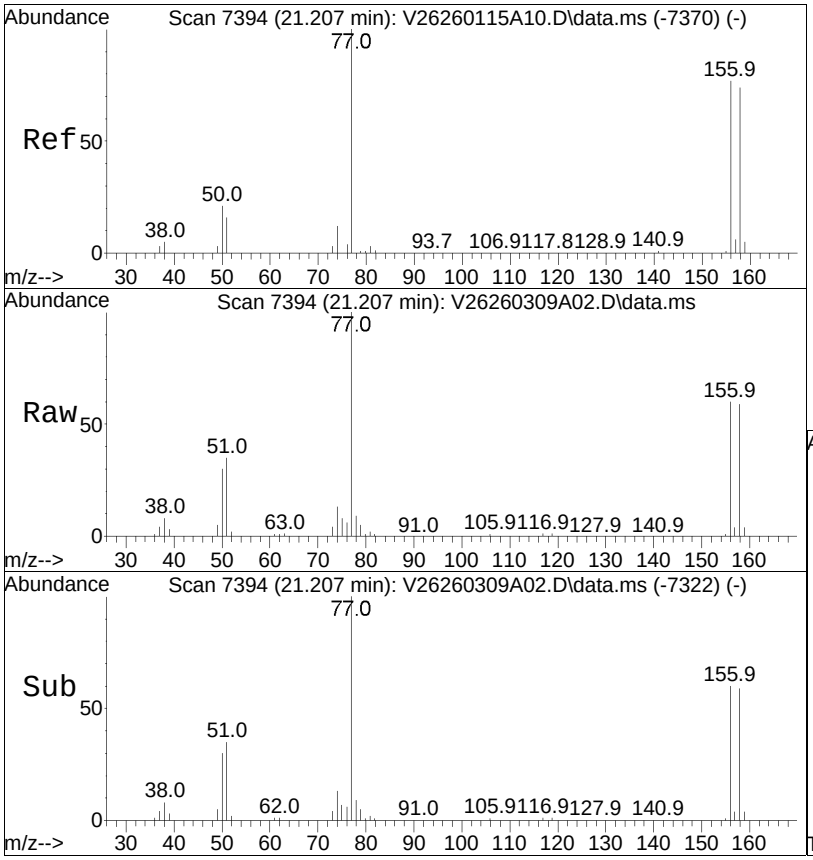


#91
Isopropylbenzene
Concen: 42.57 ug/L
RT: 20.186 min Scan# 7028
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:105 Resp: 2666993

Ion	Ratio	Lower	Upper
105	100		
120	26.1	8.4	48.4

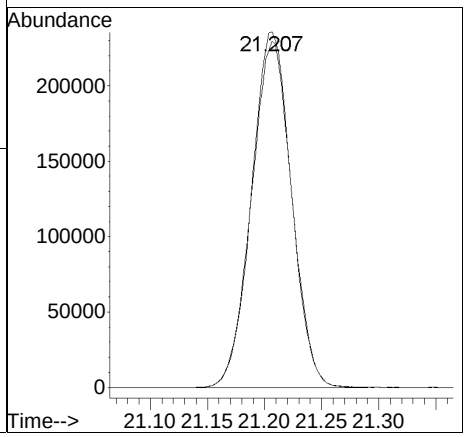


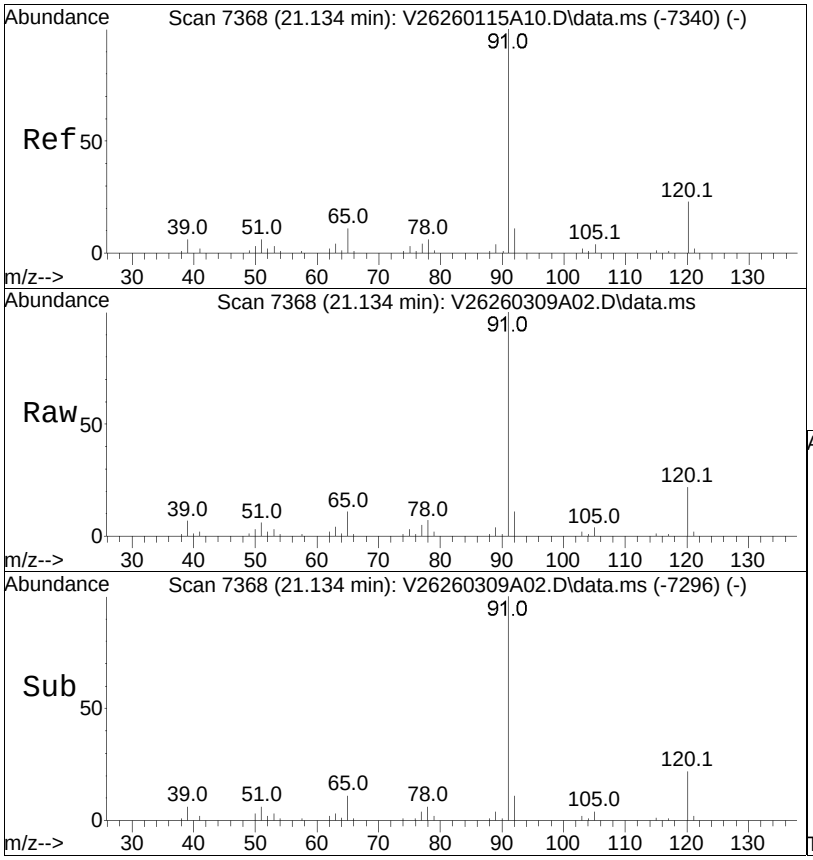


#93
Bromobenzene
Concen: 38.06 ug/L
RT: 21.207 min Scan# 7394
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:156 Resp: 575436

Ion	Ratio	Lower	Upper
156	100		
158	97.1	77.4	116.2

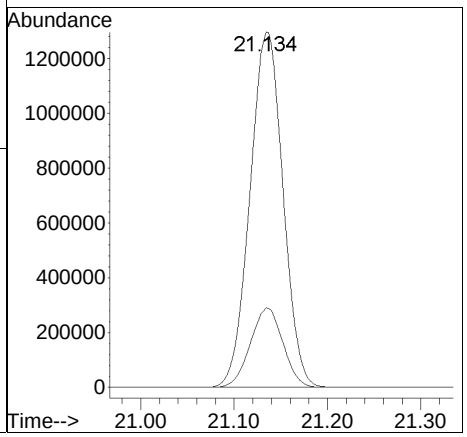


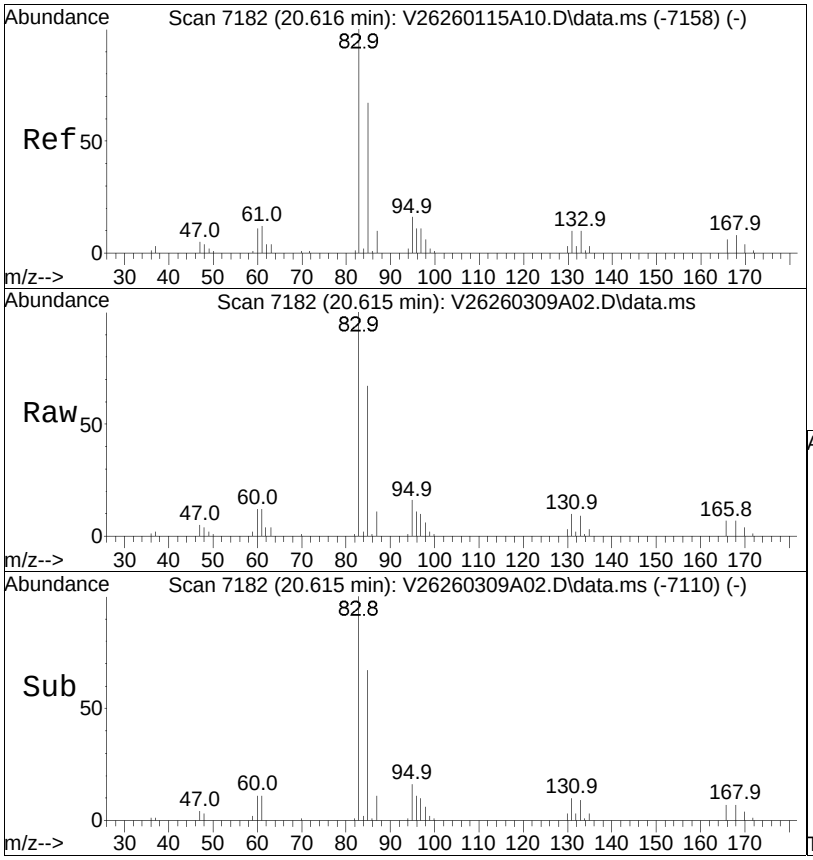


#95
n-Propylbenzene
Concen: 43.63 ug/L
RT: 21.134 min Scan# 7368
Delta R.T. 0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 91 Resp: 3186695

Ion	Ratio	Lower	Upper
91	100		
120	22.1	19.9	29.9

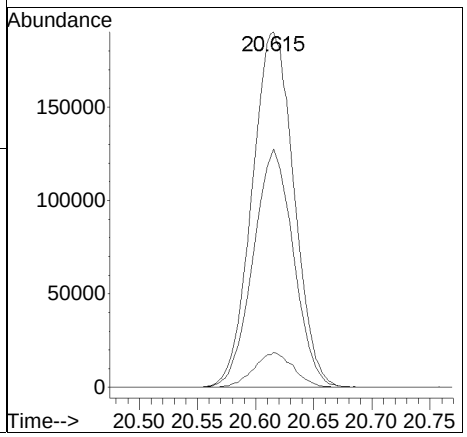


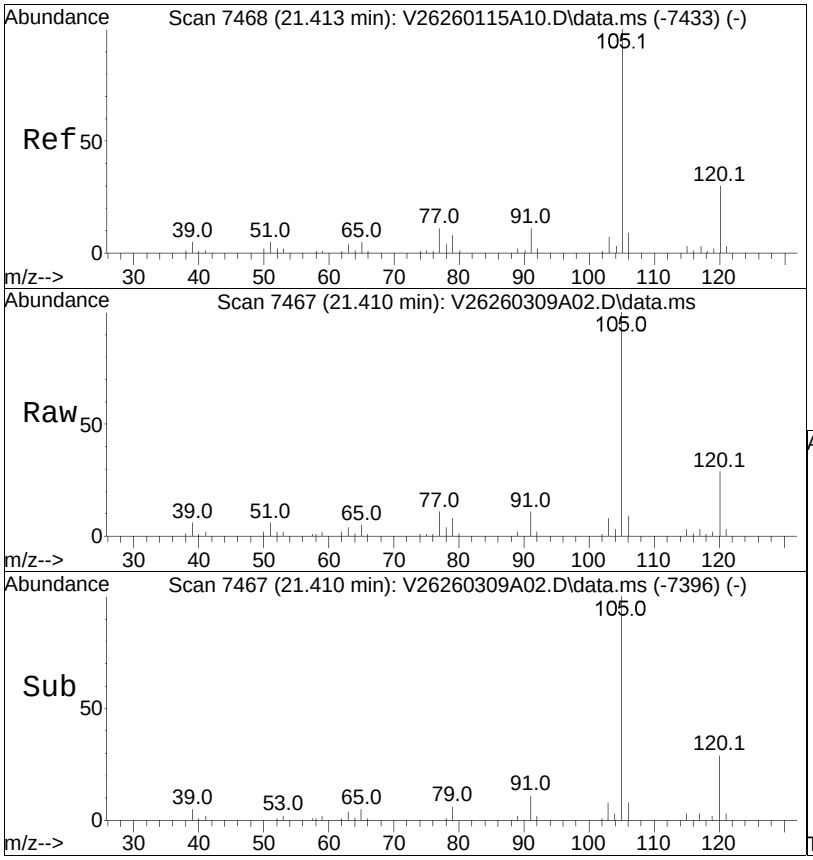


#97
1,1,2,2-Tetrachloroethane
Concen: 41.35 ug/L
RT: 20.615 min Scan# 7182
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 83 Resp: 477101

Ion	Ratio	Lower	Upper
83	100		
131	9.3	0.0	30.3
85	64.7	44.5	84.5

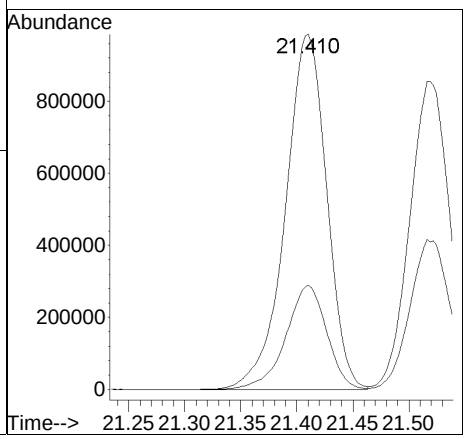


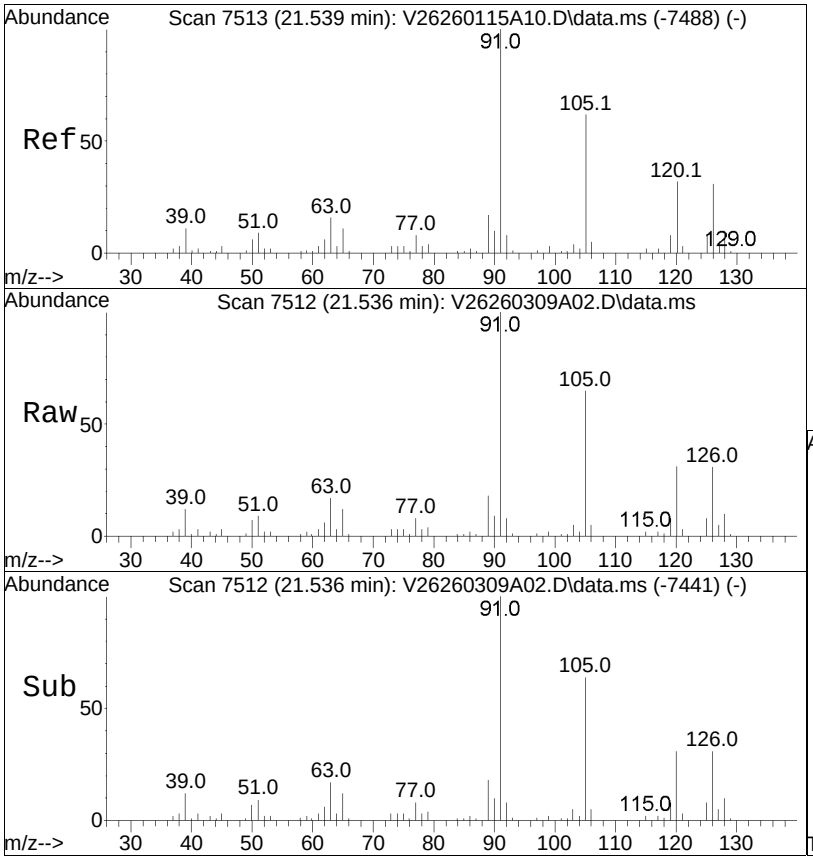


#98
4-Ethyltoluene
Concen: 42.42 ug/L
RT: 21.410 min Scan# 7467
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:105 Resp: 2529497

Ion	Ratio	Lower	Upper
105	100		
120	29.0	20.5	42.5

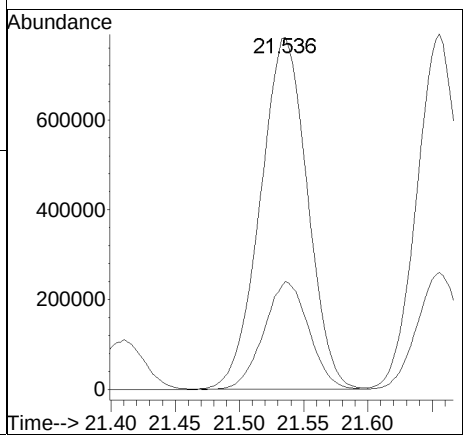


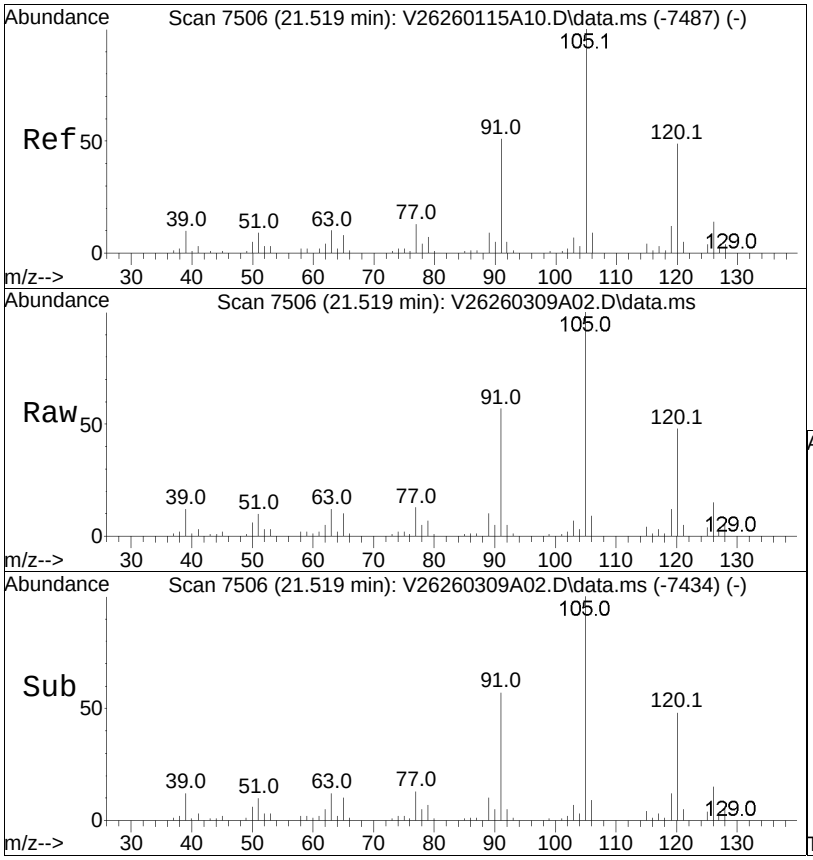


#99
2-Chlorotoluene
Concen: 41.54 ug/L
RT: 21.536 min Scan# 7512
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 91 Resp: 1997007

Ion	Ratio	Lower	Upper
91	100		
126	29.3	25.4	38.0

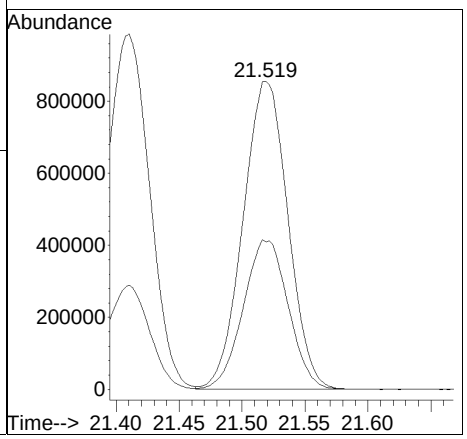


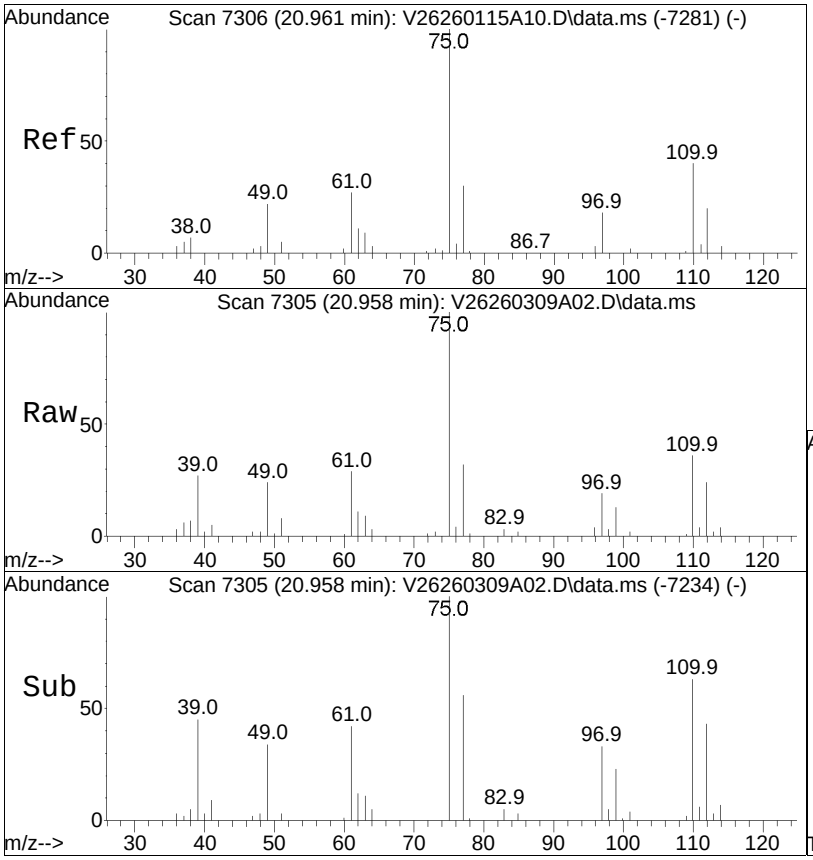


#100
1,3,5-Trimethylbenzene
Concen: 41.79 ug/L
RT: 21.519 min Scan# 7506
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:105 Resp: 2125475

Ion	Ratio	Lower	Upper
105	100		
120	48.6	41.4	62.0

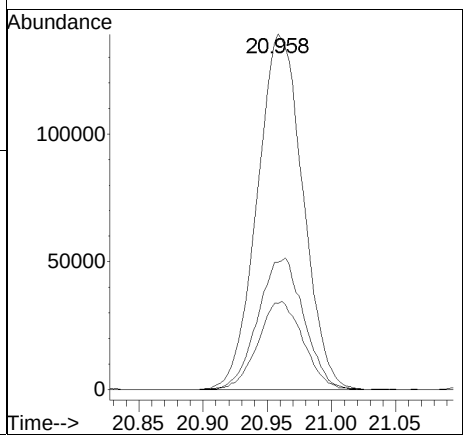


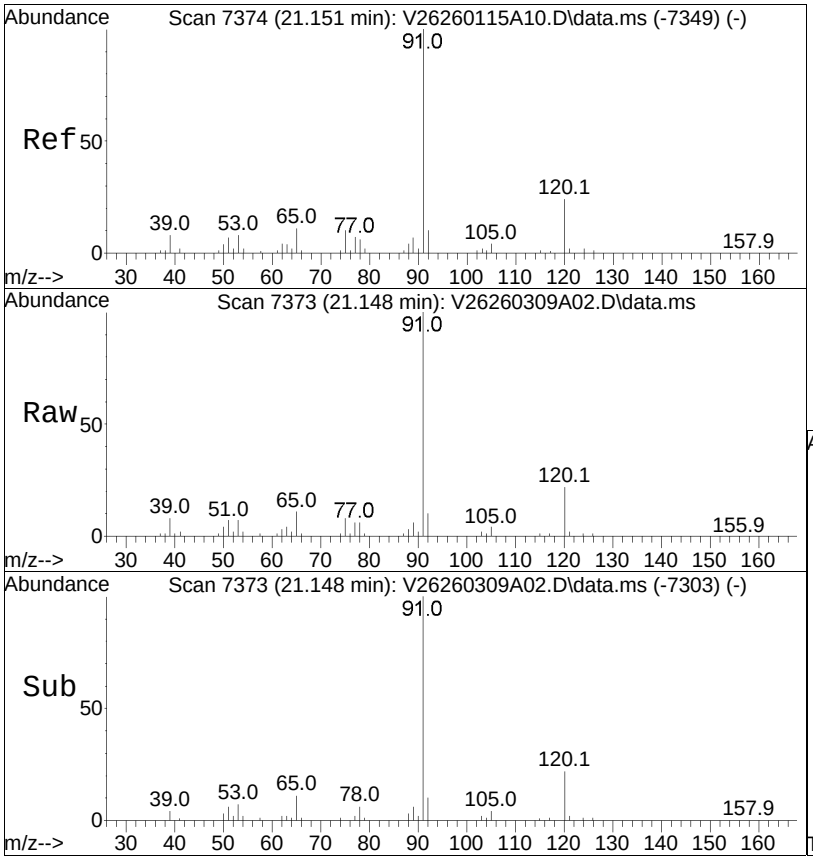


#101
1,2,3-Trichloropropane
Concen: 40.68 ug/L
RT: 20.958 min Scan# 7305
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 75 Resp: 343045

Ion	Ratio	Lower	Upper
75	100		
110	37.2	25.8	53.6
112	24.5	16.4	34.0

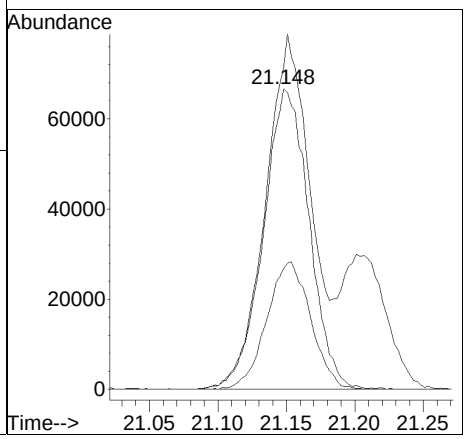


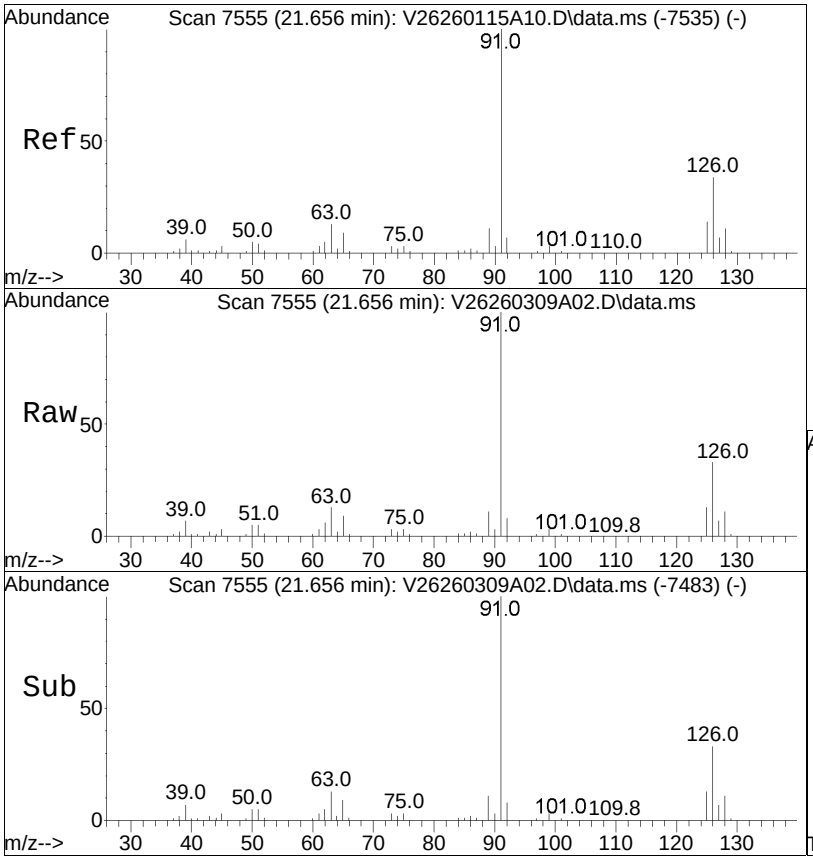


#102
trans-1,4-Dichloro-2-butene
Concen: 43.09 ug/L
RT: 21.148 min Scan# 7373
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 53 Resp: 155020

Ion	Ratio	Lower	Upper
53	100		
88	40.7	37.4	56.0
75	116.8	103.8	155.6

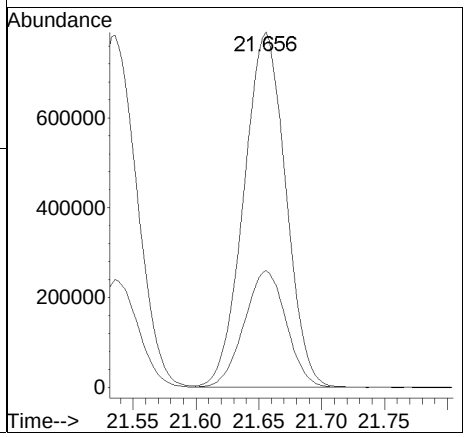


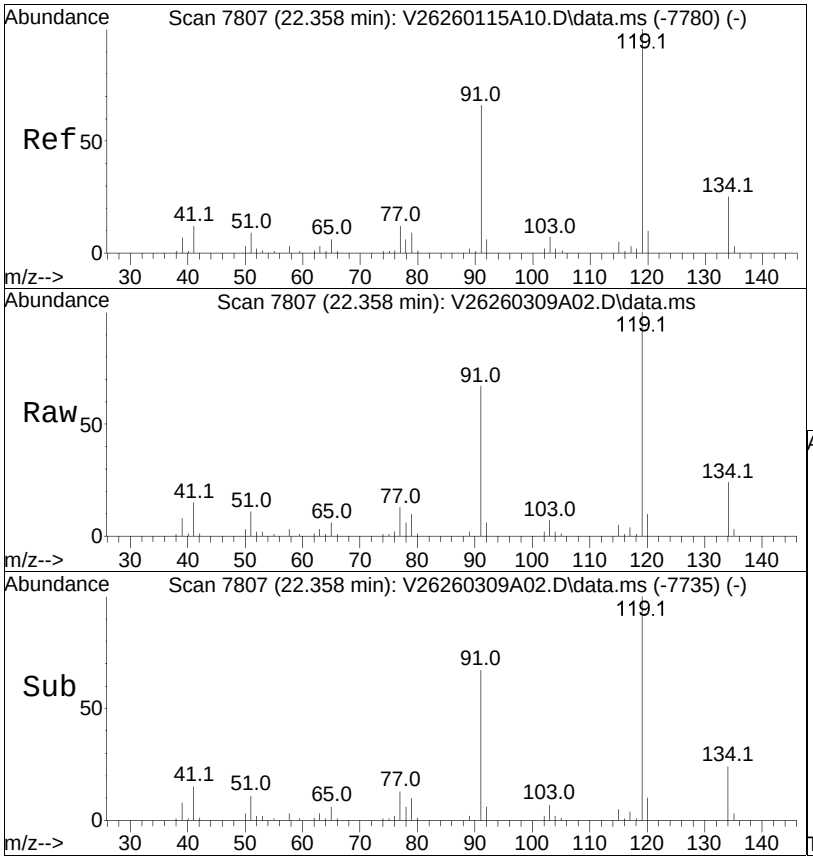


#103
4-Chlorotoluene
Concen: 40.77 ug/L
RT: 21.656 min Scan# 7555
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 91 Resp: 1832367

Ion	Ratio	Lower	Upper
91	100		
126	33.0	28.4	42.6

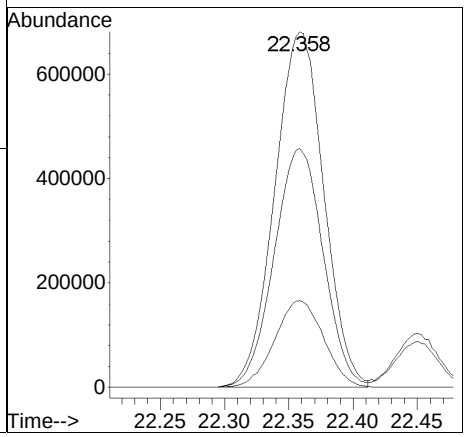


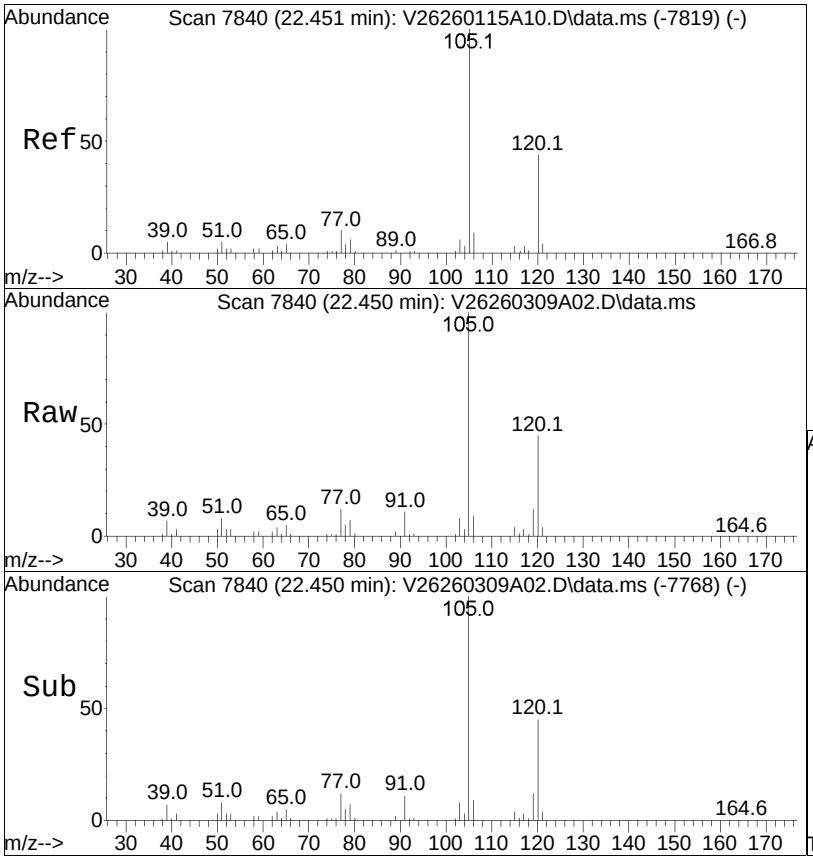


#104
tert-Butylbenzene
Concen: 41.24 ug/L
RT: 22.358 min Scan# 7807
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:119 Resp: 1814562

Ion	Ratio	Lower	Upper
119	100		
91	67.4	52.6	79.0
134	24.4	20.7	31.1

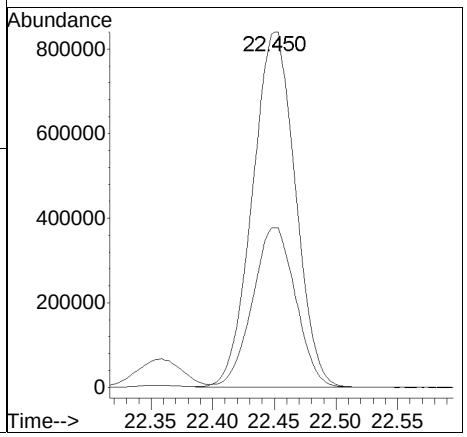


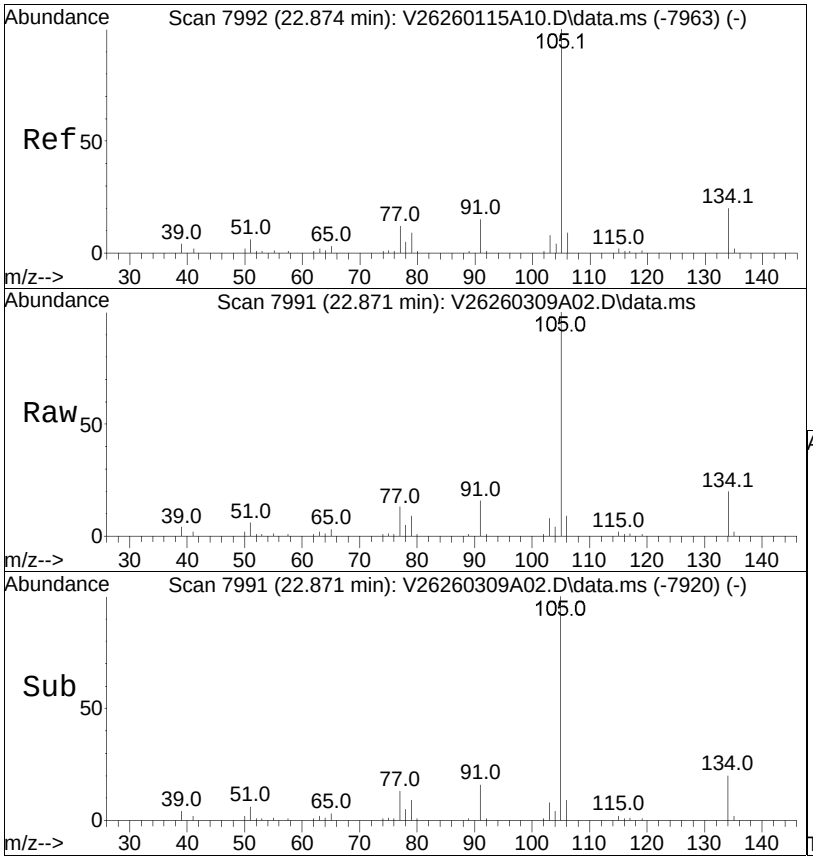


#107
1,2,4-Trimethylbenzene
Concen: 41.16 ug/L
RT: 22.450 min Scan# 7840
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:105 Resp: 2032220

Ion	Ratio	Lower	Upper
105	100		
120	45.3	38.7	58.1

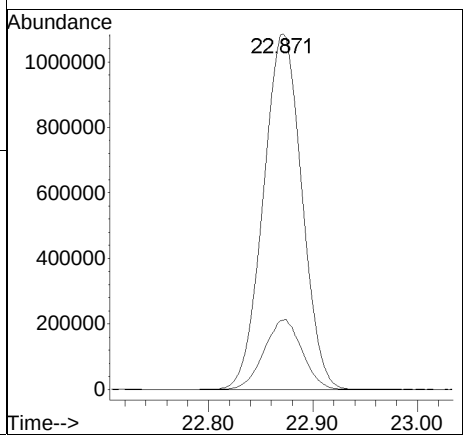


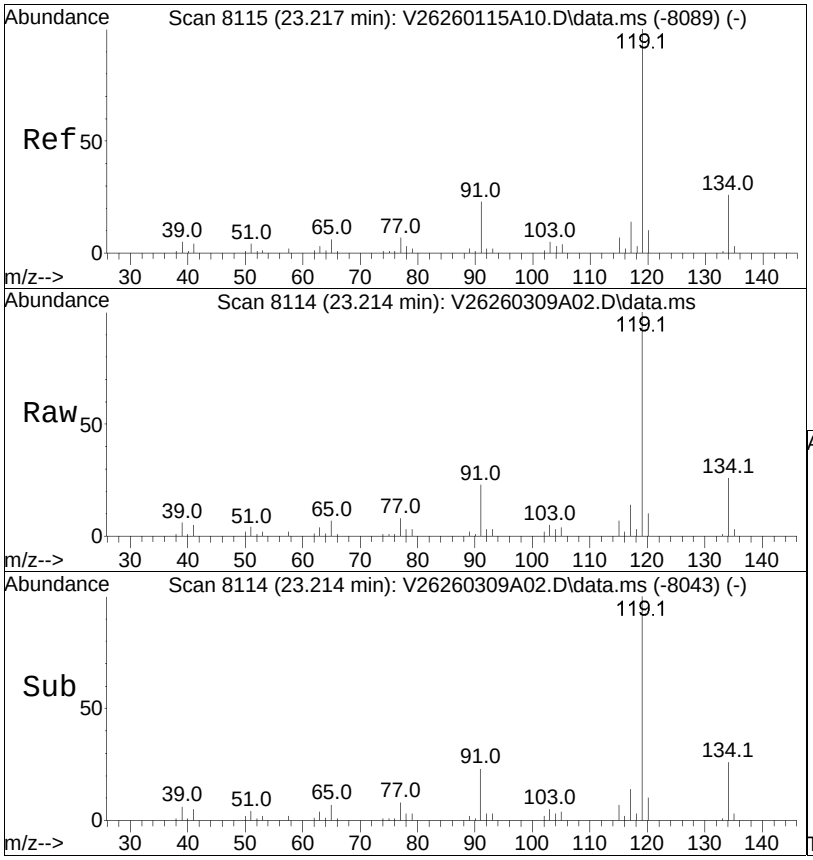


#109
sec-Butylbenzene
Concen: 43.07 ug/L
RT: 22.871 min Scan# 7991
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:105 Resp: 2780371

Ion	Ratio	Lower	Upper
105	100		
134	19.3	14.0	29.0

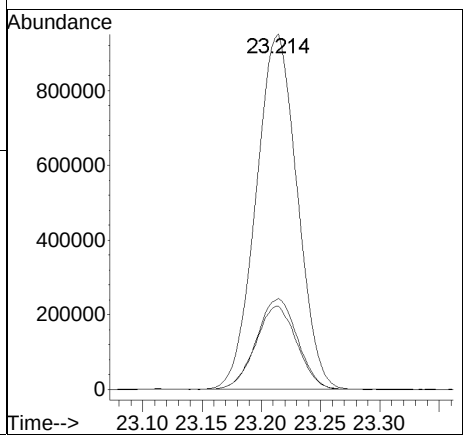


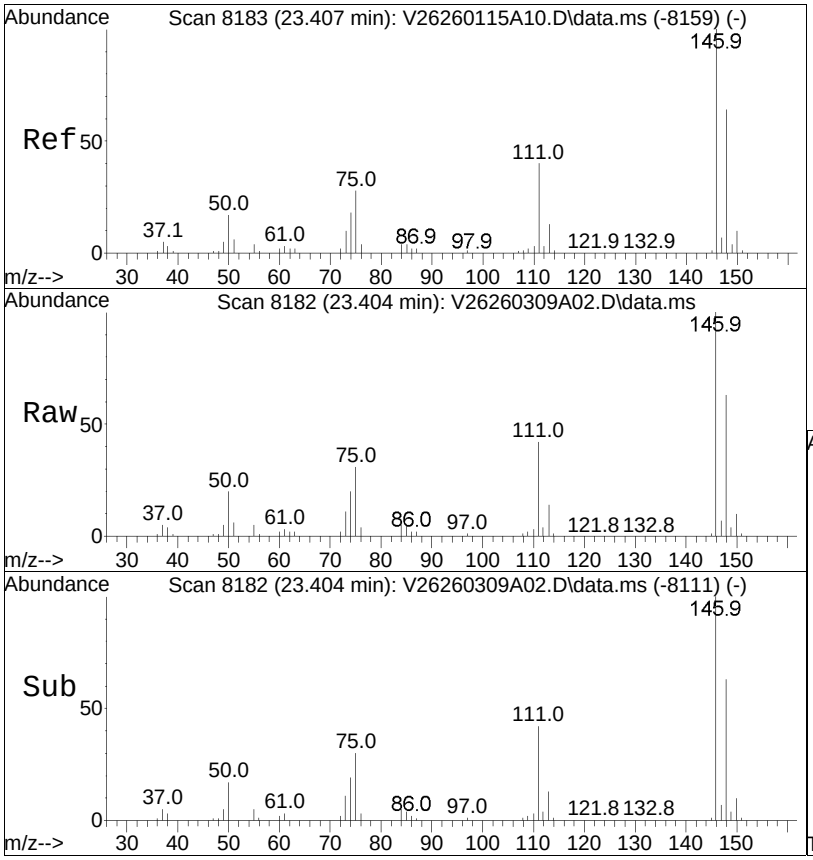


#110
p-Isopropyltoluene
Concen: 41.52 ug/L
RT: 23.214 min Scan# 8114
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:119 Resp: 2296233

Ion	Ratio	Lower	Upper
119	100		
134	25.7	18.0	37.4
91	23.6	15.3	31.9

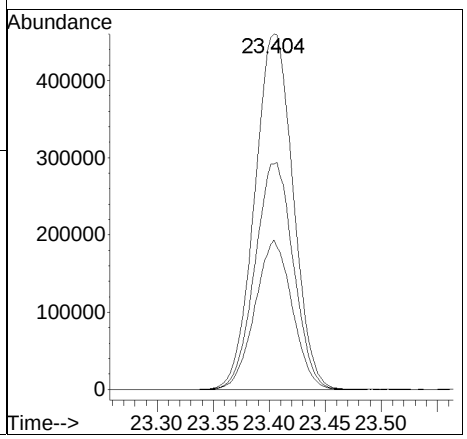


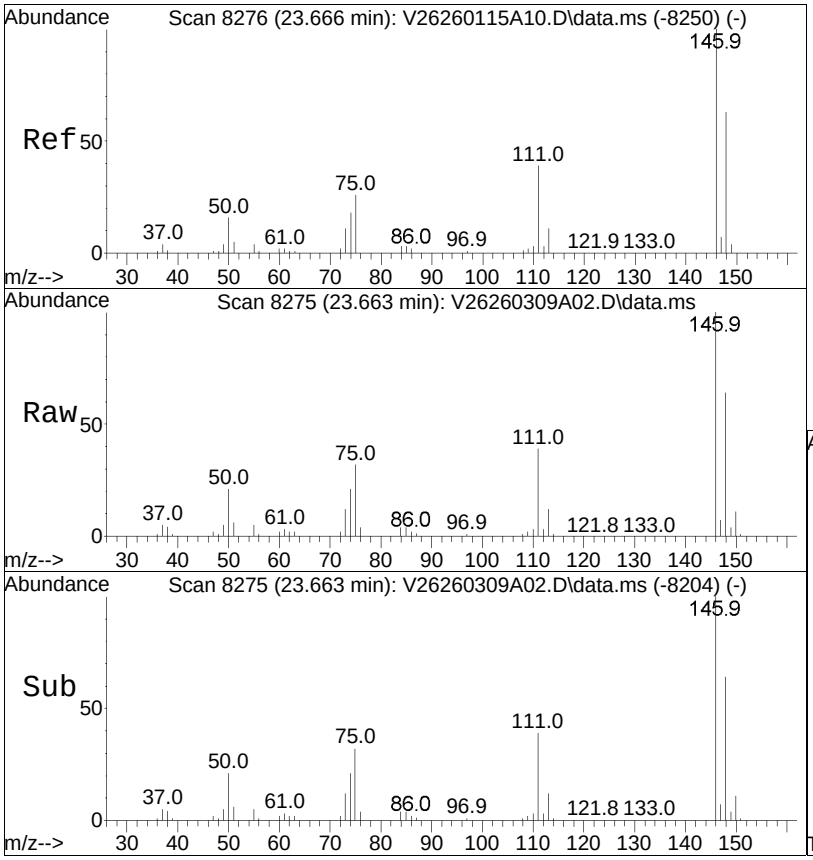


#111
1,3-Dichlorobenzene
Concen: 38.71 ug/L
RT: 23.404 min Scan# 8182
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:146 Resp: 1098383

Ion	Ratio	Lower	Upper
146	100		
111	40.8	26.4	54.8
148	63.9	41.7	86.5

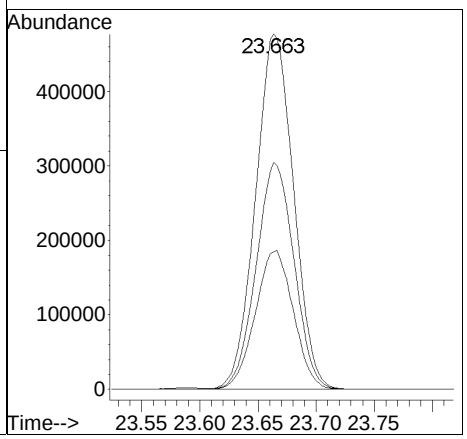


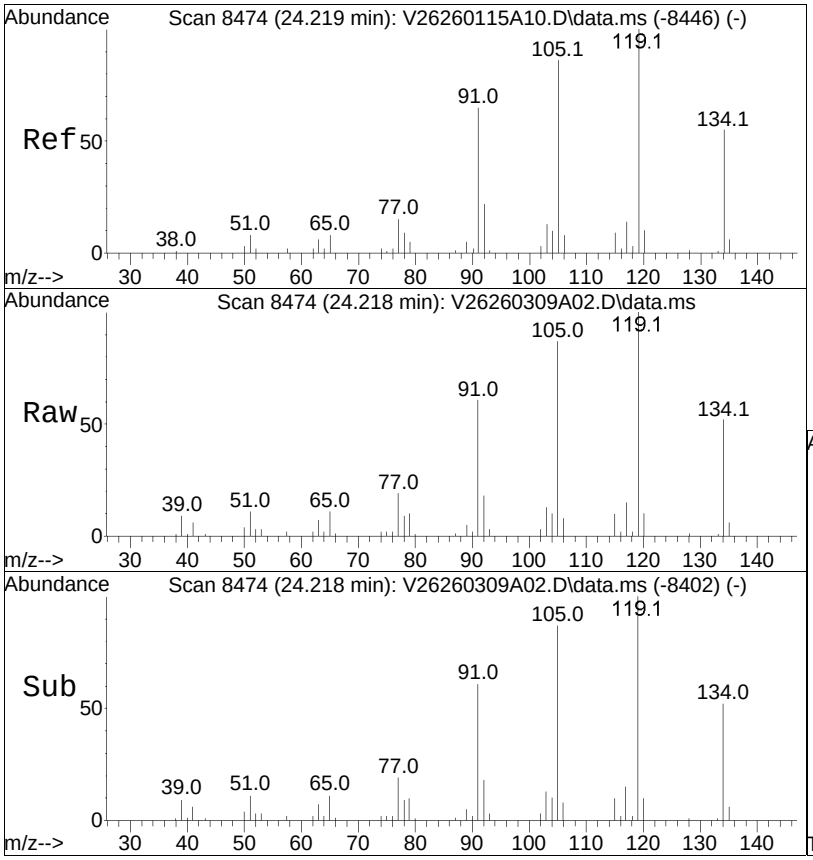


#112
1,4-Dichlorobenzene
Concen: 38.29 ug/L
RT: 23.663 min Scan# 8275
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:146 Resp: 1085603

Ion	Ratio	Lower	Upper
146	100		
111	39.1	31.2	46.8
148	63.5	51.4	77.0

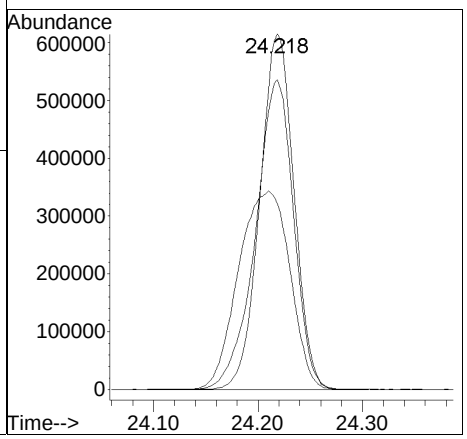


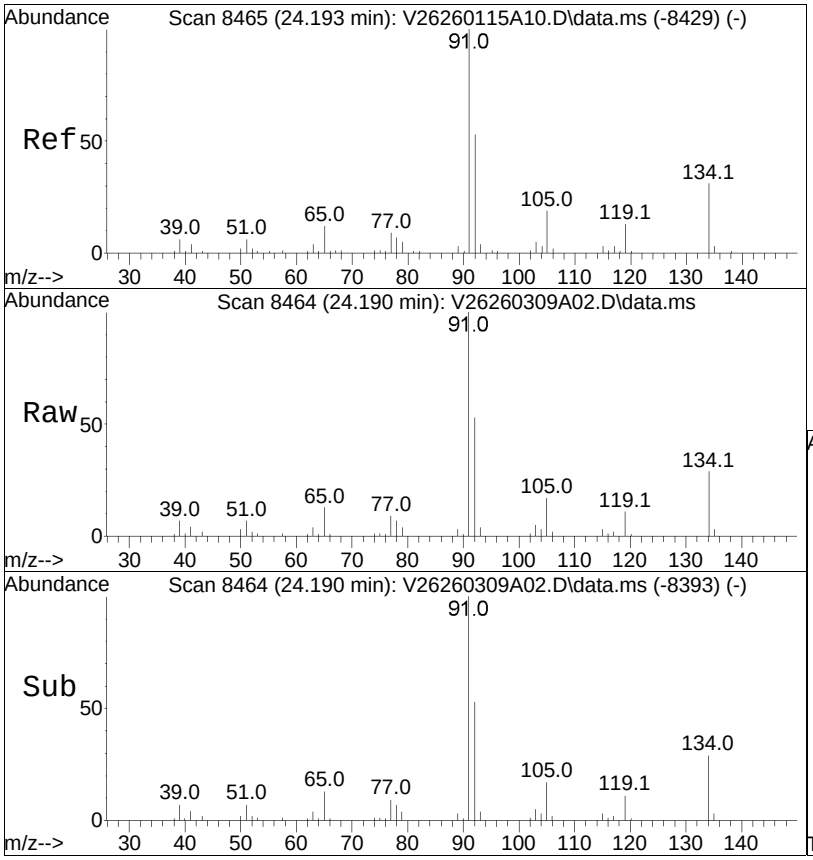


#115
p-Diethylbenzene
Concen: 41.77 ug/L
RT: 24.218 min Scan# 8474
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:119 Resp: 1399357

Ion	Ratio	Lower	Upper
119	100		
105	97.2	62.7	130.3
134	83.8	55.7	115.7

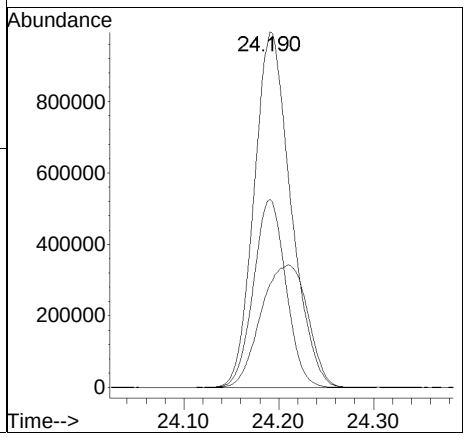


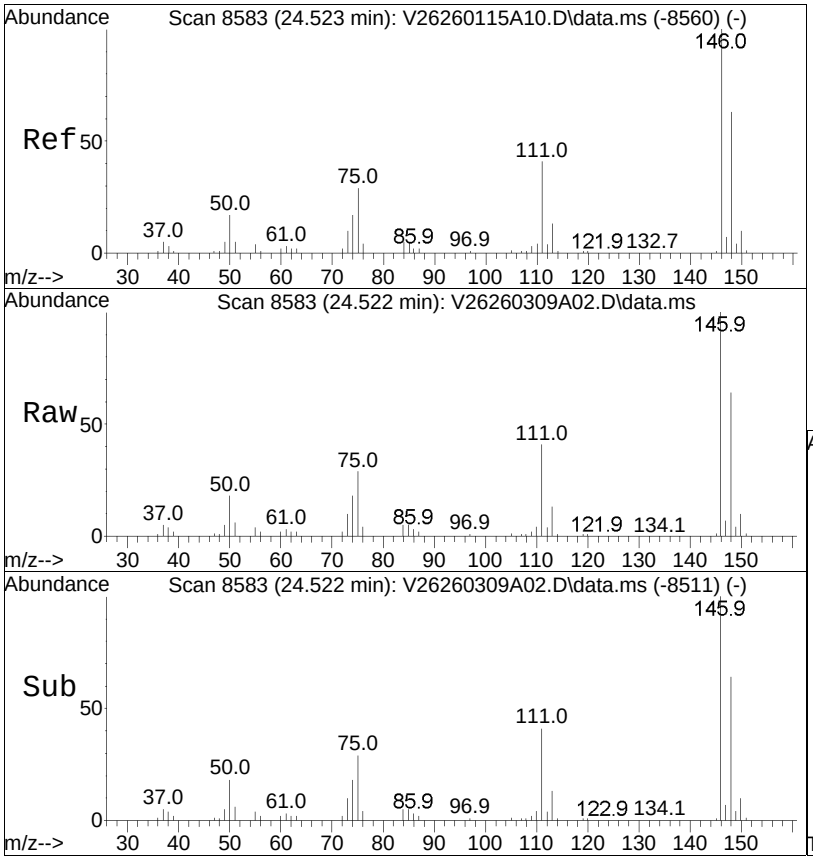


#116
n-Butylbenzene
Concen: 43.21 ug/L
RT: 24.190 min Scan# 8464
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 91 Resp: 2664925

Ion	Ratio	Lower	Upper
91	100		
92	47.1	38.2	57.4
134	44.0	39.1	58.7

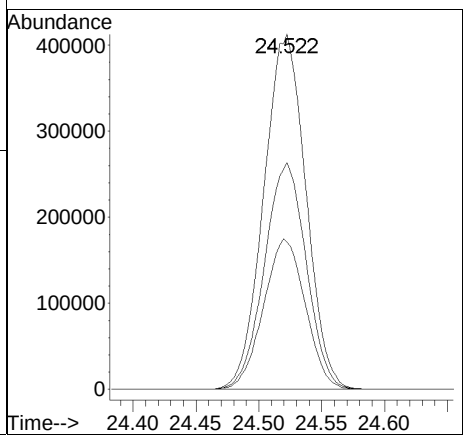


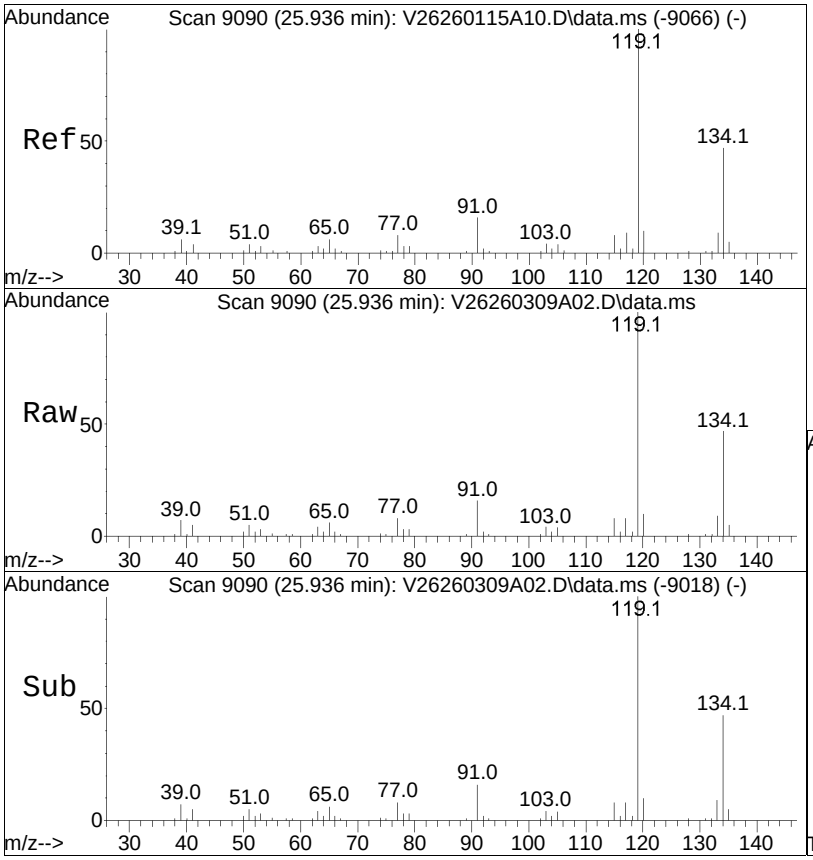


#118
1,2-Dichlorobenzene
Concen: 37.93 ug/L
RT: 24.522 min Scan# 8583
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:146 Resp: 962988

Ion	Ratio	Lower	Upper
146	100		
111	42.1	27.3	56.7
148	63.4	41.6	86.4

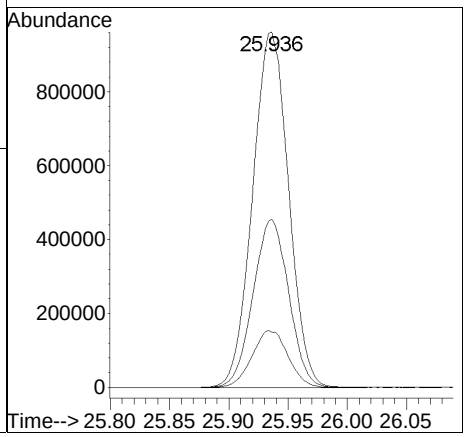


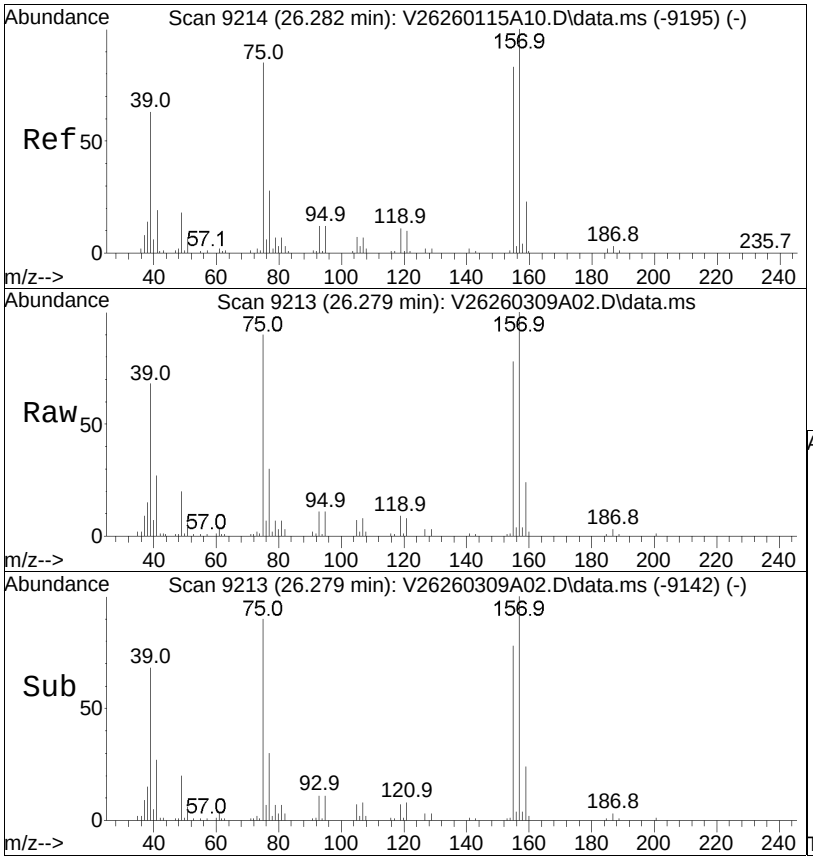


#120
1,2,4,5-Tetramethylbenzene
Concen: 41.81 ug/L
RT: 25.936 min Scan# 9090
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:119 Resp: 2029726

Ion	Ratio	Lower	Upper
119	100		
134	46.9	32.8	68.2
91	16.1	10.7	22.3

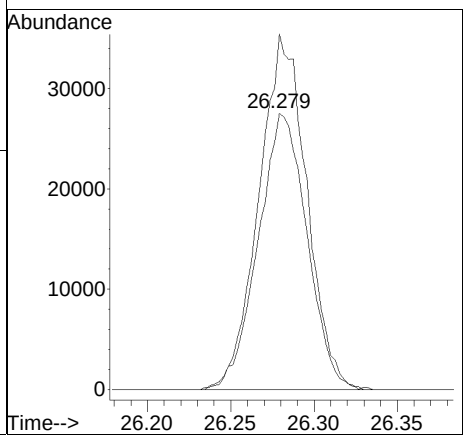


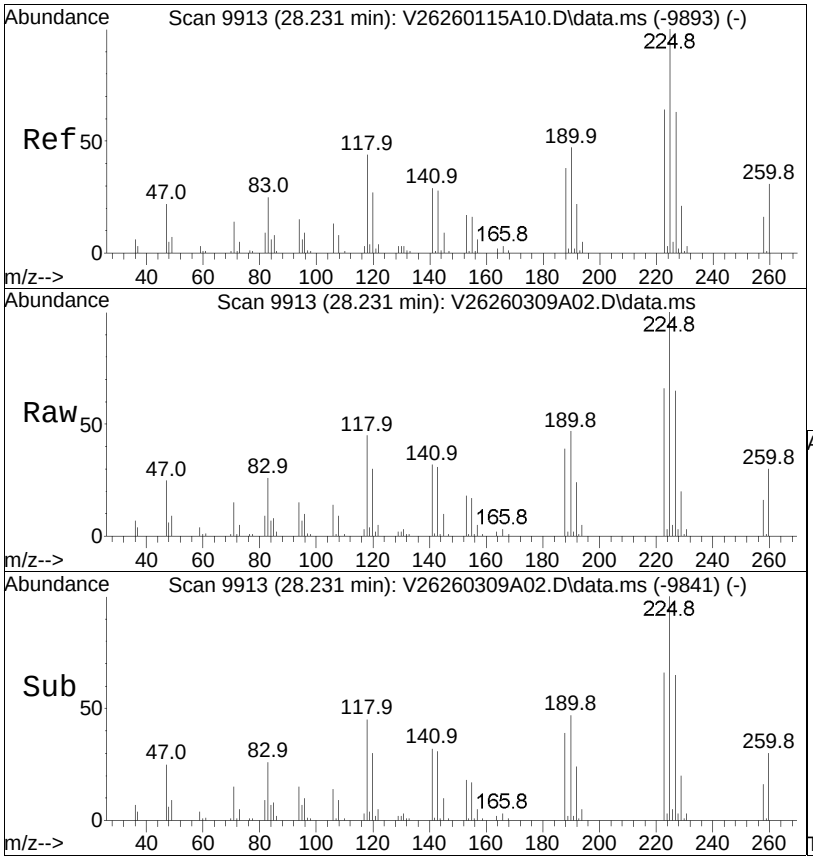


#121
1,2-Dibromo-3-chloropropane
Concen: 35.32 ug/L
RT: 26.279 min Scan# 9213
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:155 Resp: 55934

Ion	Ratio	Lower	Upper
155	100		
157	126.2	101.7	152.5

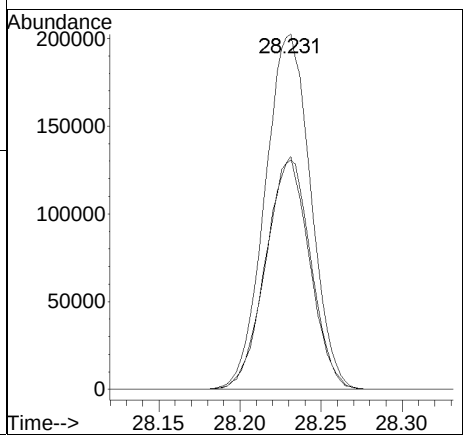


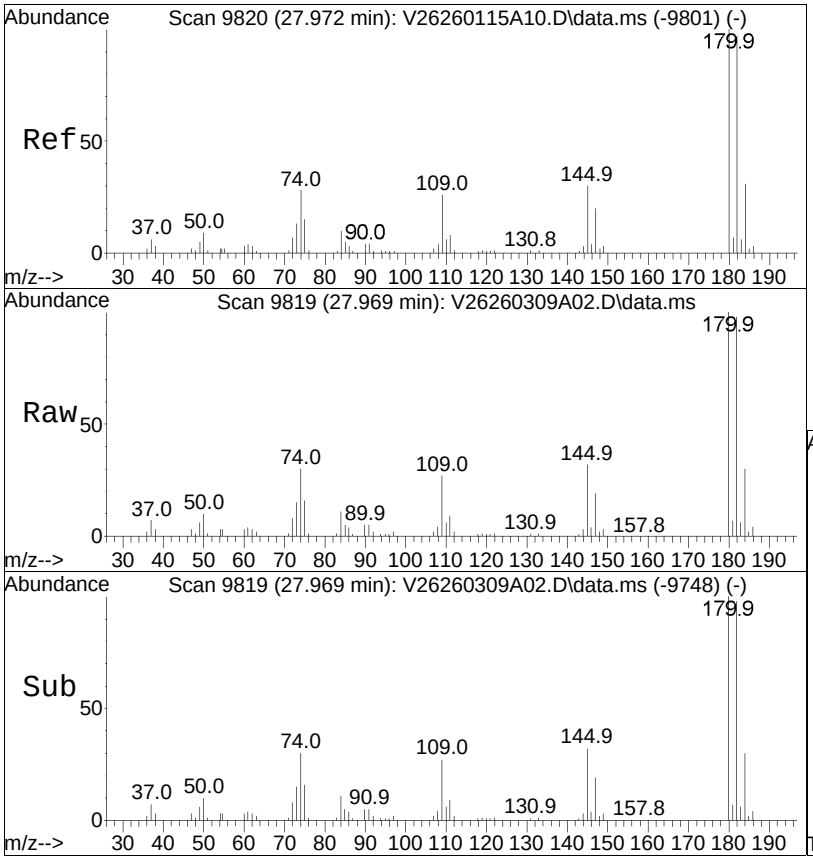


#124
Hexachlorobutadiene
Concen: 40.75 ug/L
RT: 28.231 min Scan# 9913
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:225 Resp: 397185

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	64.5	51.5	77.3

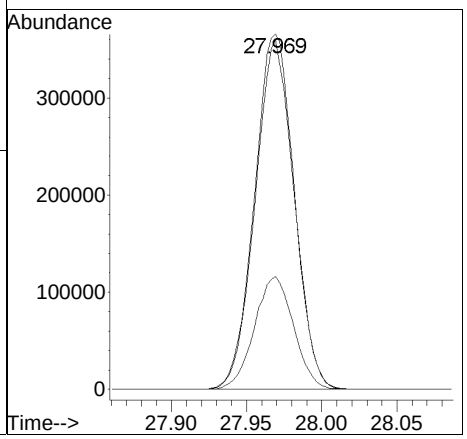


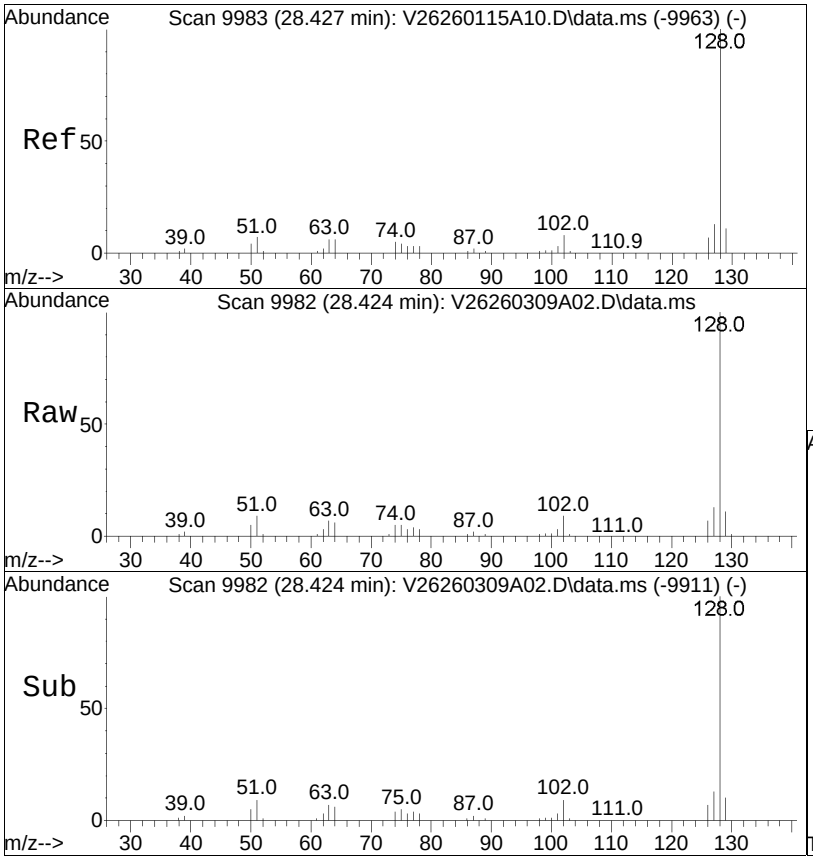


#125
1,2,4-Trichlorobenzene
Concen: 40.19 ug/L
RT: 27.969 min Scan# 9819
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:180 Resp: 674770

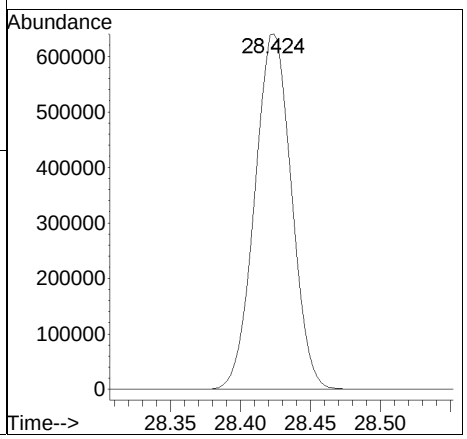
Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.8
145	31.2	25.8	38.8

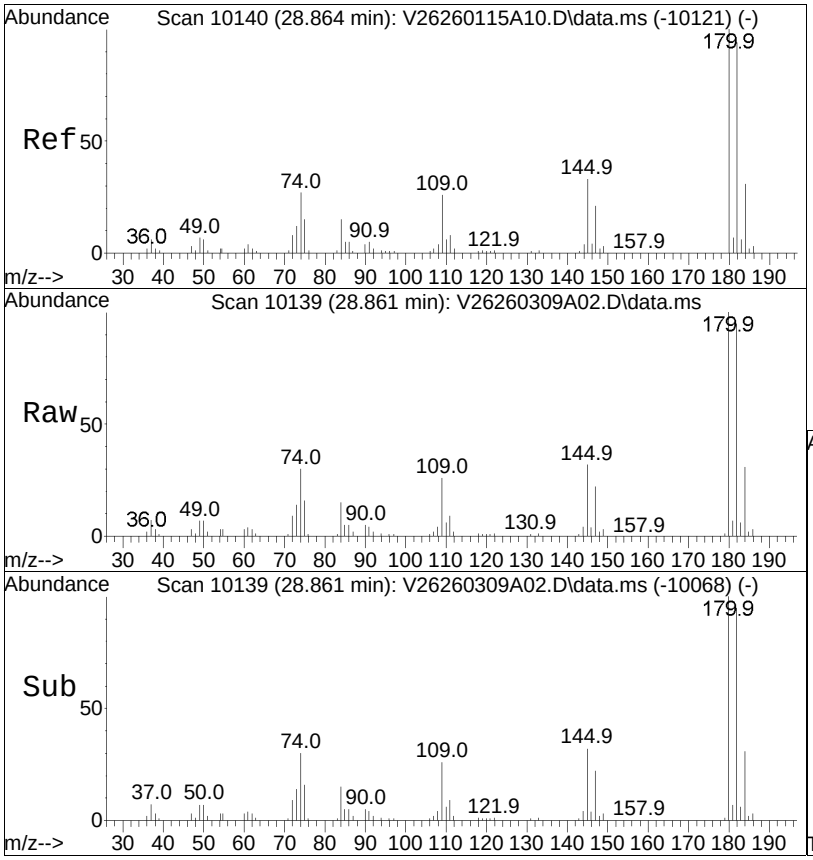




#126
Naphthalene
Concen: 38.88 ug/L
RT: 28.424 min Scan# 9982
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:128 Resp: 1167569

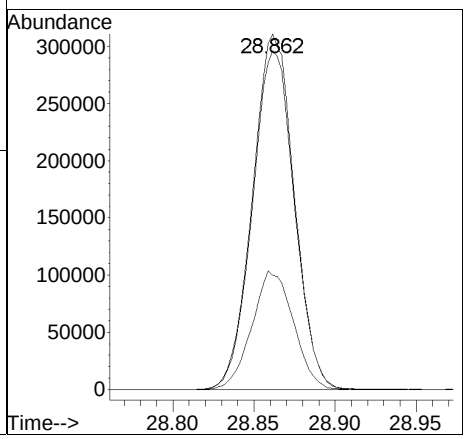




#127
1,2,3-Trichlorobenzene
Concen: 39.37 ug/L
RT: 28.861 min Scan# 10139
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:180 Resp: 555690

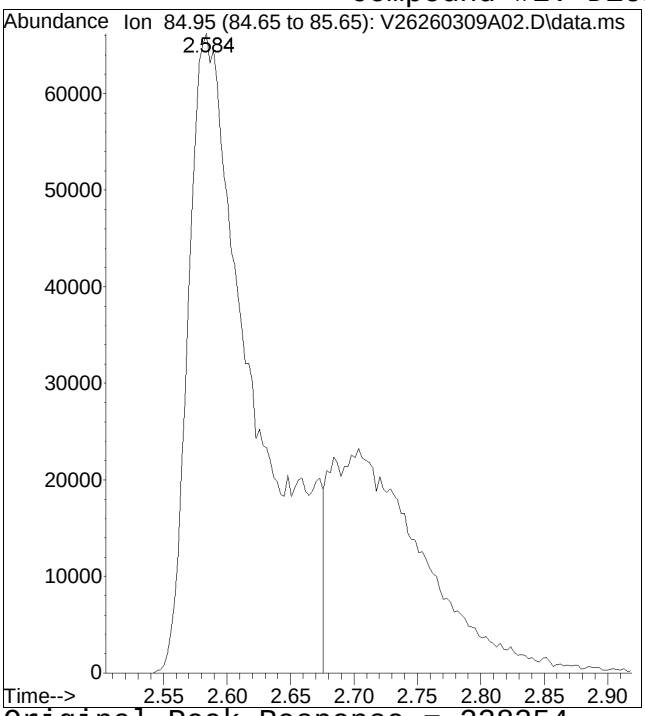
Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.0	114.0
145	33.1	27.5	41.3



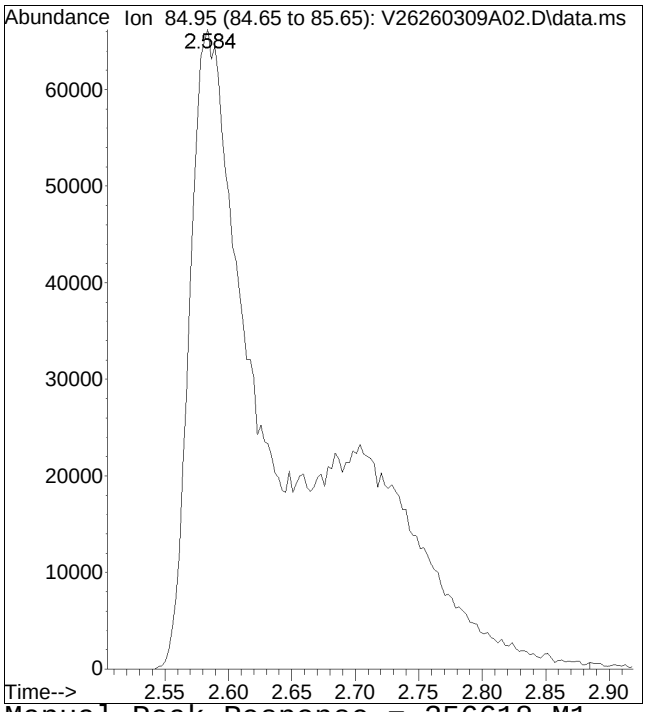
Manual Integration Report

Data Path	: K:\VOA126\2026\260309A\	QMethod	: V126_260115A_8260.m
Data File	: V26260309A02.D	Operator	: VOA126:TMH
Date Inj'd	: 3/9/2026 10:08 am	Instrument	: VOA126
Sample	: WG2183398-4,31,5,5	Quant Date	: 3/9/2026 10:59 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 238354



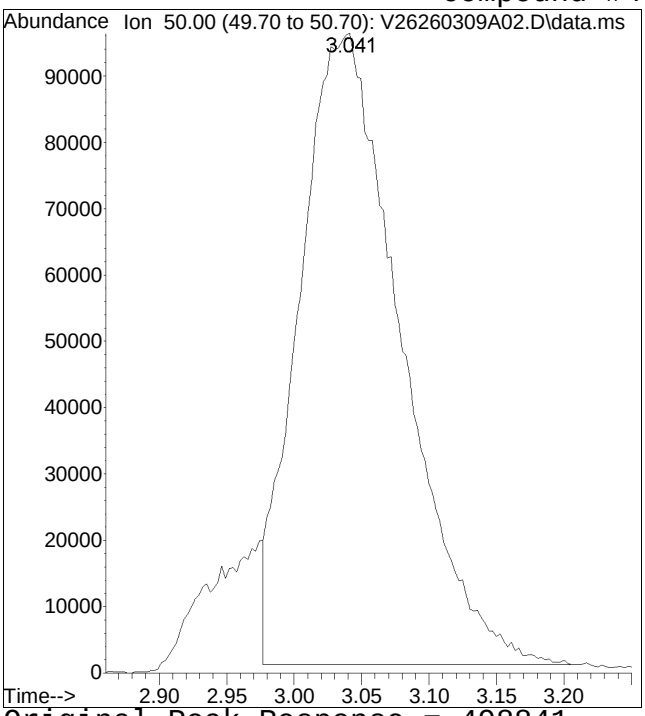
Manual Peak Response = 356618 M1

M1 = Peak Integration was less than it should be

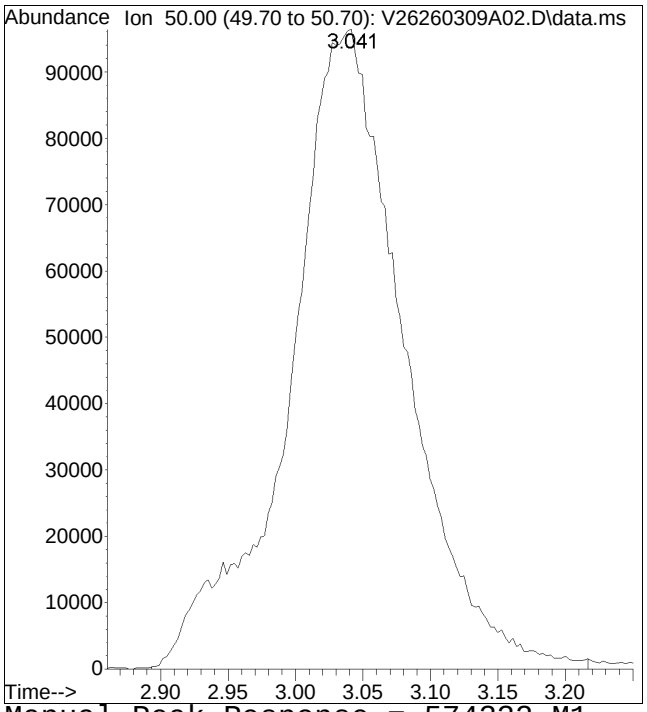
Manual Integration Report

Data Path	: K:\VOA126\2026\260309A\	QMethod	: V126_260115A_8260.m
Data File	: V26260309A02.D	Operator	: VOA126:TMH
Date Inj'd	: 3/9/2026 10:08 am	Instrument	: VOA126
Sample	: WG2183398-4,31,5,5	Quant Date	: 3/9/2026 10:59 am

Compound #4: Chloromethane



Original Peak Response = 498841



Manual Peak Response = 574332 M1

M1 = Peak Integration was less than it should be

Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A02.D
Acq On : 09 Mar 2026 10:08 am
Operator : VOA126:TMH
Sample : WG2183848-4,31h,15,15,0.1
Misc : WG2183848,ICAL22967
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 11:00:14 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	11.268	96	1128447	20.000	ug/L	0.00
Standard Area 1 = 1096647			Recovery = 102.90%			
63) Chlorobenzene-d5	17.944	117	823384	20.000	ug/L	0.00
Standard Area 1 = 791330			Recovery = 104.05%			
88) 1,4-Dichlorobenzene-d4	23.591	152	383784	20.000	ug/L	0.00
Standard Area 1 = 374599			Recovery = 102.45%			
System Monitoring Compounds						
39) Dibromofluoromethane	9.639	113	277688	19.964	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.82%			
47) 1,2-Dichloroethane-d4	10.637	65	280420	20.389	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.94%			
65) Toluene-d8	14.592	98	1148782	21.434	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.17%			
92) 4-Bromofluorobenzene	20.772	95	394281	21.146	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.73%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.584	85	356618M1	21.669	ug/L	
4) Chloromethane	3.041	50	574332M1	33.745	ug/L	
5) Vinyl chloride	3.100	62	646485	34.650	ug/L	100
6) Bromomethane	3.797	94	363220	30.365	ug/L	97
7) Chloroethane	3.933	64	413664	36.336	ug/L	99
8) Trichlorofluoromethane	4.355	101	771404	35.827	ug/L	98
9) Ethyl ether	4.887	74	266235	37.080	ug/L	92
11) 1,1-Dichloroethene	5.453	96	472130	36.110	ug/L	86
12) Carbon disulfide	6.348	76	1660694	36.190	ug/L	100
17) Methylene chloride	6.365	84	528477	32.507	ug/L	94
19) Acetone	5.261	43	127888	38.077	ug/L	98
20) trans-1,2-Dichloroethene	6.909	96	535932	36.240	ug/L	90
23) Methyl tert-butyl ether	6.641	73	1304554	36.189	ug/L	98
26) 1,1-Dichloroethane	7.732	63	1073544	39.399	ug/L	99
28) Acrylonitrile	6.625	53	145679	41.867	ug/L	98
30) Vinyl acetate	7.757	43	879141	39.476	ug/L	99
31) cis-1,2-Dichloroethene	8.906	96	579868	35.668	ug/L	93
32) 2,2-Dichloropropane	8.805	77	817156	36.787	ug/L	99
33) Bromochloromethane	9.539	128	237734	34.852	ug/L	89
35) Chloroform	9.212	83	975182	34.708	ug/L	100

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A02.D
Acq On : 09 Mar 2026 10:08 am
Operator : VOA126:TMH
Sample : WG2183848-4,31h,15,15,0.1
Misc : WG2183848,ICAL22967
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 11:00:14 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
37) Carbon tetrachloride	10.481	117	747634	35.703	ug/L		99
40) 1,1,1-Trichloroethane	9.985	97	833796	36.619	ug/L		97
42) 2-Butanone	8.574	43	154722	36.649	ug/L		99
43) 1,1-Dichloropropene	10.300	75	763005	40.236	ug/L		97
45) Benzene	10.833	78	2116801	38.220	ug/L		99
48) 1,2-Dichloroethane	10.822	62	687100	36.958	ug/L		98
52) Trichloroethene	12.074	95	582548	37.574	ug/L		96
54) Dibromomethane	13.044	93	280882	35.157	ug/L		99
55) 1,2-Dichloropropane	12.445	63	611203	40.485	ug/L		98
58) Bromodichloromethane	12.930	83	729109	36.173	ug/L		100
61) 1,4-Dioxane	12.997	88	152551	1879.618	ug/L	#	89
62) cis-1,3-Dichloropropene	14.093	75	851284	37.769	ug/L		98
66) Toluene	14.762	92	1384027	38.726	ug/L		97
67) 4-Methyl-2-pentanone	13.660	58	151410	41.104	ug/L		90
68) Tetrachloroethene	16.176	166	579391	37.111	ug/L		98
71) trans-1,3-Dichloropropene	15.186	75	711410	39.089	ug/L		95
75) 1,1,2-Trichloroethane	15.520	83	346659	39.216	ug/L		97
76) Chlorodibromomethane	16.639	129	489704	36.528	ug/L		99
77) 1,3-Dichloropropane	16.078	76	708368	39.592	ug/L		100
78) 1,2-Dibromoethane	17.088	107	382602	38.177	ug/L		99
80) 2-Hexanone	15.557	43	263671	42.914	ug/L		97
82) Chlorobenzene	18.030	112	1507995	38.425	ug/L		98
83) Ethylbenzene	18.161	91	2749211	40.347	ug/L		95
84) 1,1,1,2-Tetrachloroethane	18.139	131	516660	37.361	ug/L		99
85) p/m Xylene	18.337	106	2066554	78.814	ug/L		87
86) o Xylene	19.341	106	1962649	78.026	ug/L		84
87) Styrene	19.430	104	3245032	78.045	ug/L		97
89) Bromoform	20.197	173	271028	35.861	ug/L		99
91) Isopropylbenzene	20.186	105	2666993	42.573	ug/L		96
93) Bromobenzene	21.207	156	575436	38.065	ug/L		100
95) n-Propylbenzene	21.134	91	3186695	43.629	ug/L		94
97) 1,1,2,2-Tetrachloroethane	20.615	83	477101	41.347	ug/L		99
98) 4-Ethyltoluene	21.410	105	2529497	42.418	ug/L		95
99) 2-Chlorotoluene	21.536	91	1997007	41.543	ug/L		96
100) 1,3,5-Trimethylbenzene	21.519	105	2125475	41.794	ug/L		96
101) 1,2,3-Trichloropropane	20.958	75	343045	40.683	ug/L		97
102) trans-1,4-Dichloro-2-b...	21.148	53	155020	43.088	ug/L		90
103) 4-Chlorotoluene	21.656	91	1832367	40.767	ug/L		96
104) tert-Butylbenzene	22.358	119	1814562	41.238	ug/L		98

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A02.D
Acq On : 09 Mar 2026 10:08 am
Operator : VOA126:TMH
Sample : WG2183848-4,31h,15,15,0.1
Misc : WG2183848,ICAL22967
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 11:00:14 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA126\2026\260309A\V26260309A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) 1,2,4-Trimethylbenzene	22.450	105	2032220	41.157	ug/L	95
109) sec-Butylbenzene	22.871	105	2780371	43.067	ug/L	95
110) p-Isopropyltoluene	23.214	119	2296233	41.524	ug/L	98
111) 1,3-Dichlorobenzene	23.404	146	1098383	38.712	ug/L	100
112) 1,4-Dichlorobenzene	23.663	146	1085603	38.287	ug/L	99
115) p-Diethylbenzene	24.218	119	1399357	41.769	ug/L	99
116) n-Butylbenzene	24.190	91	2664925	43.208	ug/L	96
118) 1,2-Dichlorobenzene	24.522	146	962988	37.934	ug/L	99
120) 1,2,4,5-Tetramethylben...	25.936	119	2029726	41.810	ug/L	96
121) 1,2-Dibromo-3-chloropr...	26.279	155	55934	35.325	ug/L	99
124) Hexachlorobutadiene	28.231	225	397185	40.747	ug/L	100
125) 1,2,4-Trichlorobenzene	27.969	180	674770	40.188	ug/L	99
126) Naphthalene	28.424	128	1167569	38.882	ug/L	100
127) 1,2,3-Trichlorobenzene	28.861	180	555690	39.373	ug/L	99

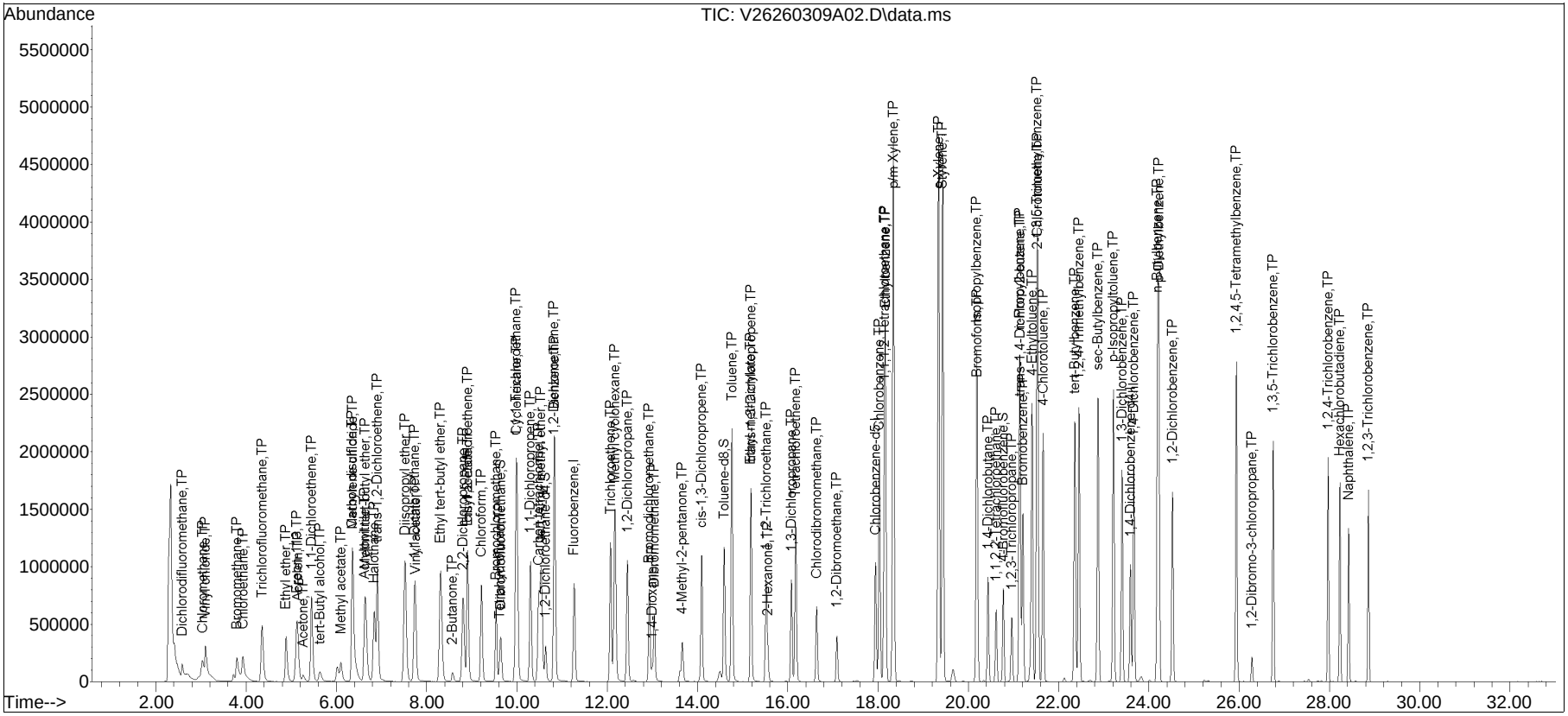
(#) = qualifier out of range (m) = manual integration (+) = signals summed

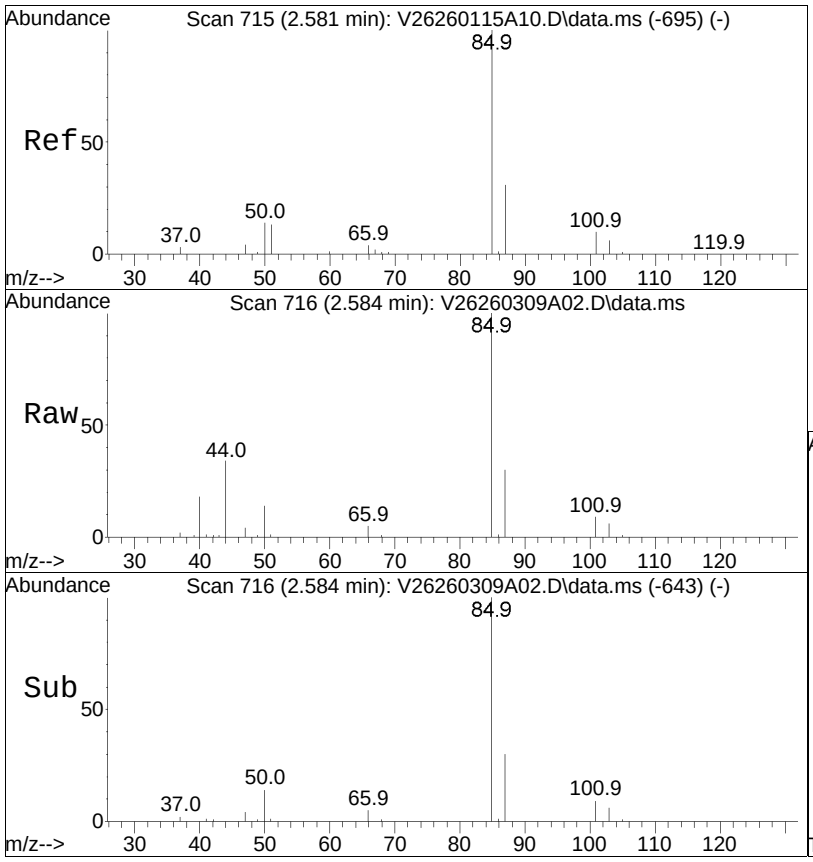
Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2026\260309A\
Data File : V26260309A02.D
Acq On : 09 Mar 2026 10:08 am
Operator : VOA126:TMH
Sample : WG2183848-4,31h,15,15,0.1
Misc : WG2183848,ICAL22967
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 11:00:14 2026
Quant Method : K:\VOA126\2026\260309A\V126_260115A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jan 16 09:03:24 2026
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

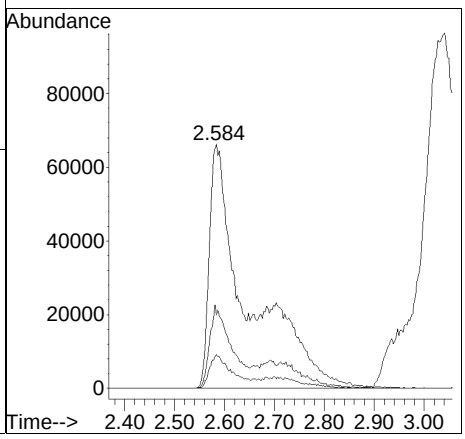


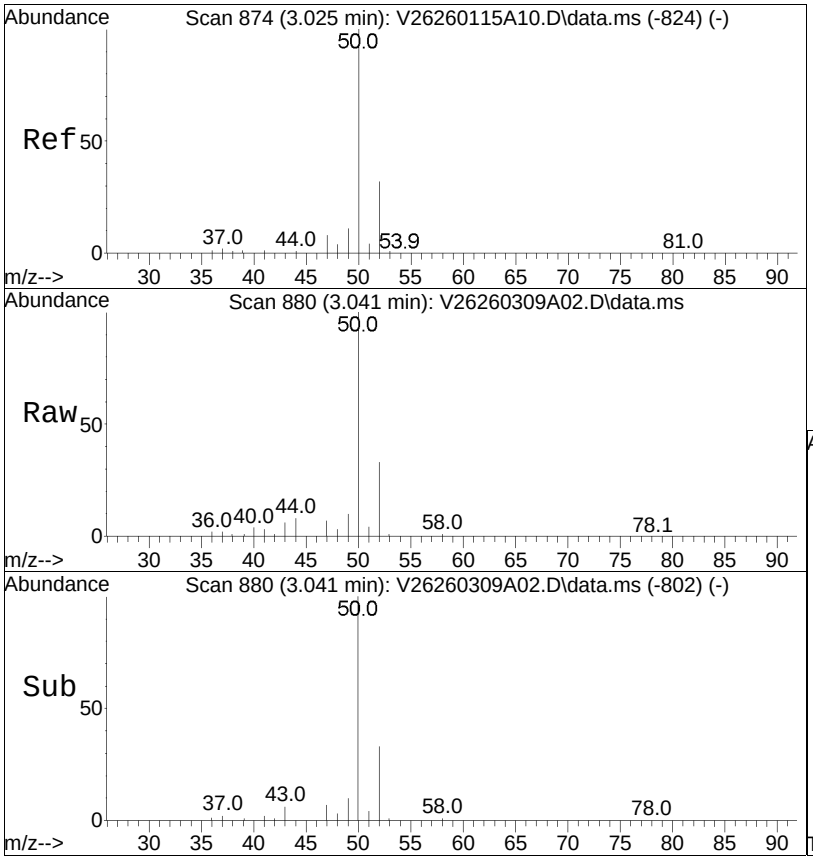


#2
Dichlorodifluoromethane
Concen: 21.67 ug/L M1
RT: 2.584 min Scan# 716
Delta R.T. 0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 85 Resp: 356618

Ion	Ratio	Lower	Upper
85	100		
87	20.9	21.1	43.7#
50	8.0	14.2	29.4#

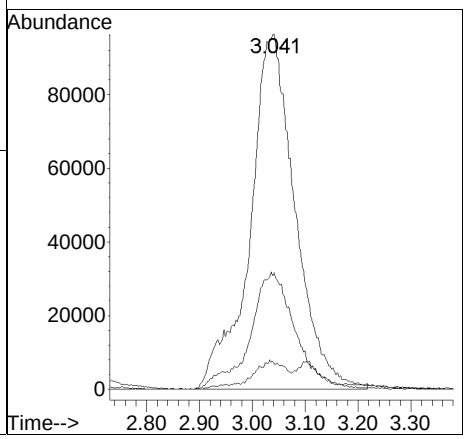


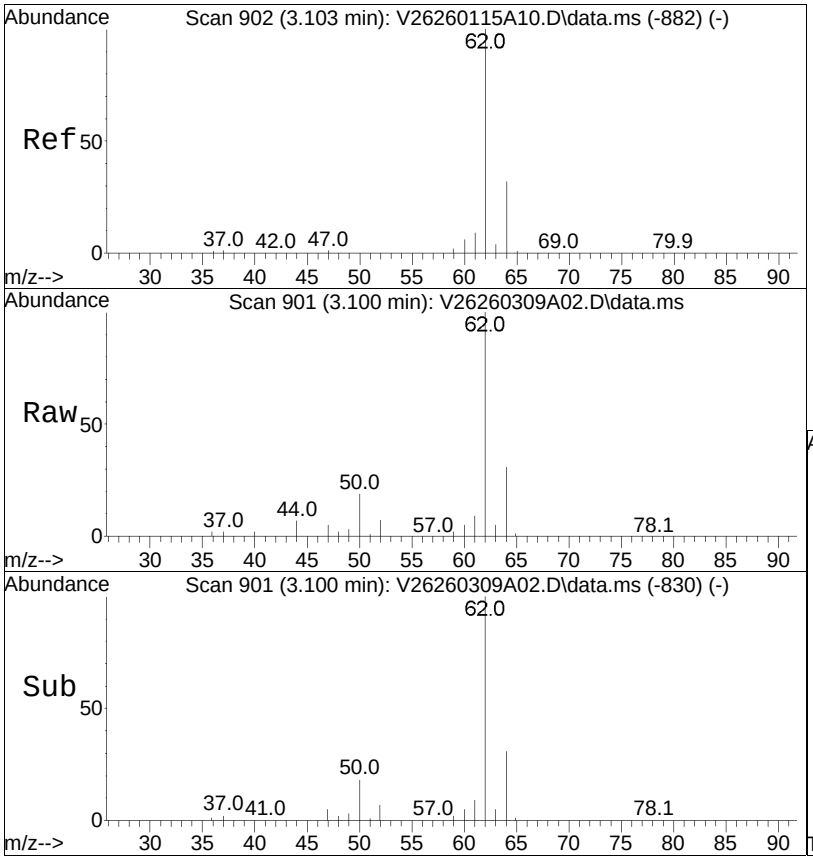


#4
Chloromethane
Concen: 33.75 ug/L M1
RT: 3.041 min Scan# 880
Delta R.T. 0.017 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 50 Resp: 574332

Ion	Ratio	Lower	Upper
50	100		
52	30.5	12.5	52.5
47	1.2	0.0	27.8

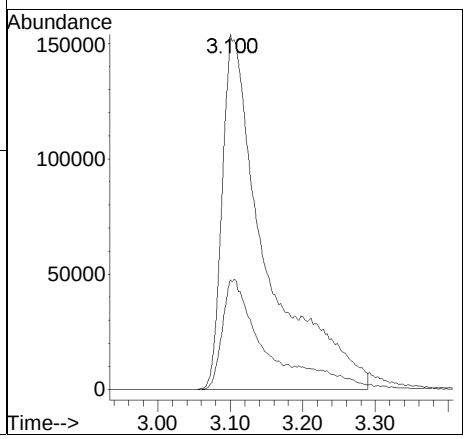


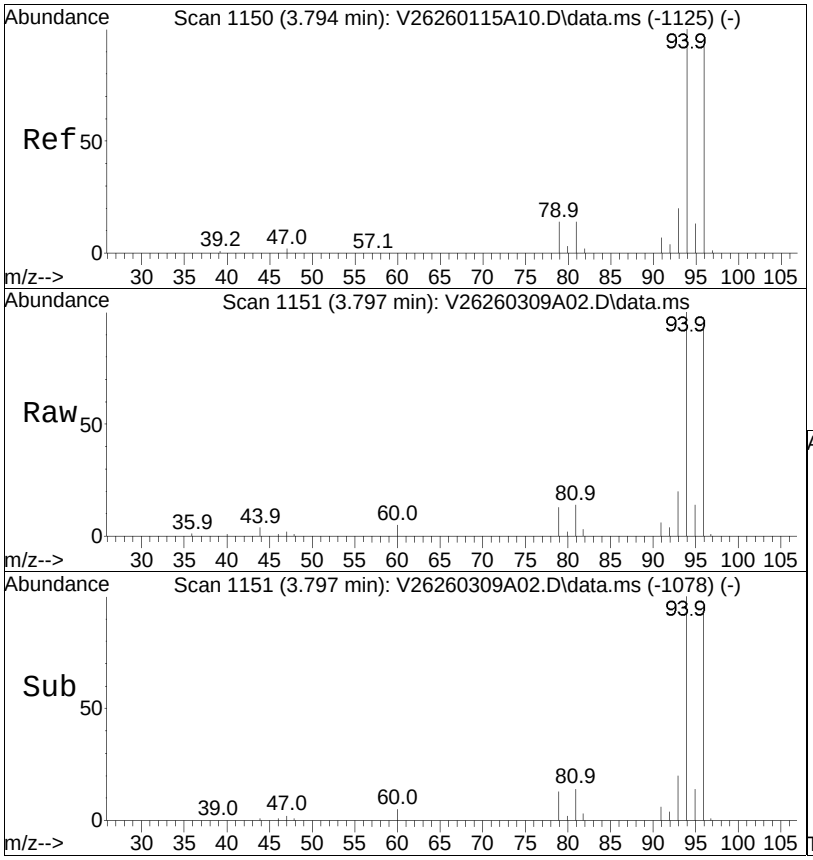


#5
Vinyl chloride
Concen: 34.65 ug/L
RT: 3.100 min Scan# 901
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 62 Resp: 646485

Ion	Ratio	Lower	Upper
62	100		
64	31.1	11.3	51.3

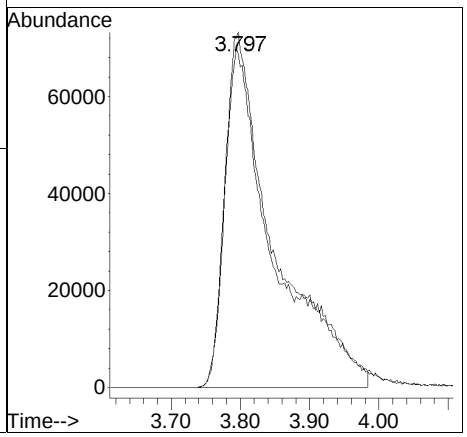


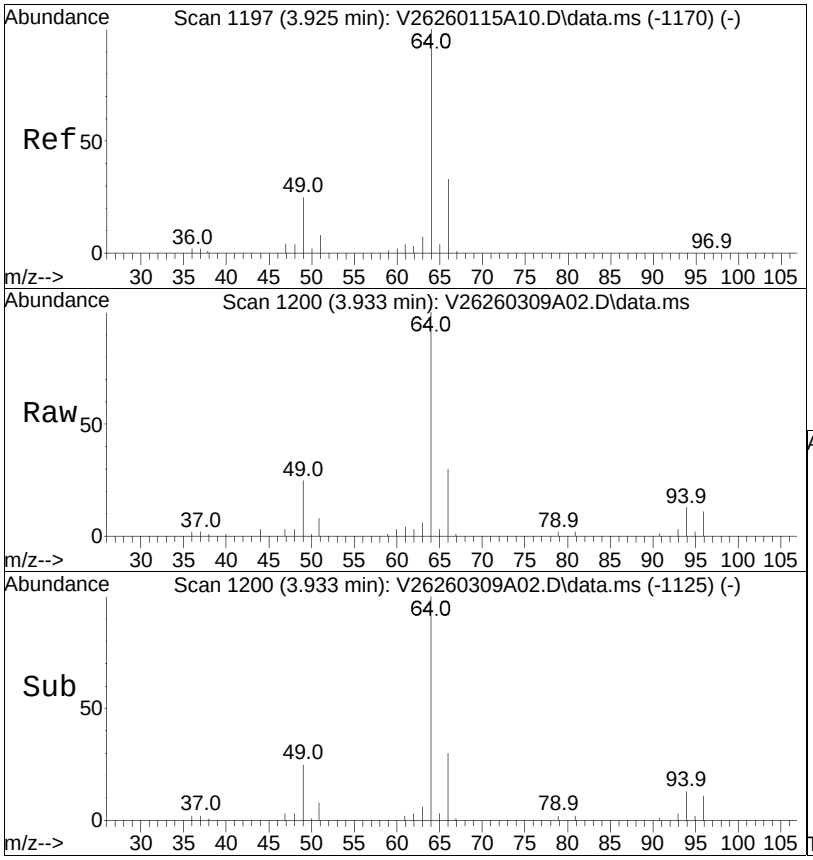


#6
Bromomethane
Concen: 30.36 ug/L
RT: 3.797 min Scan# 1151
Delta R.T. 0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 94 Resp: 363220

Ion	Ratio	Lower	Upper
94	100		
96	94.0	71.1	111.1

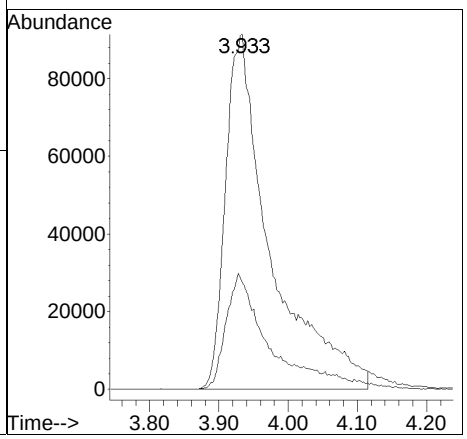


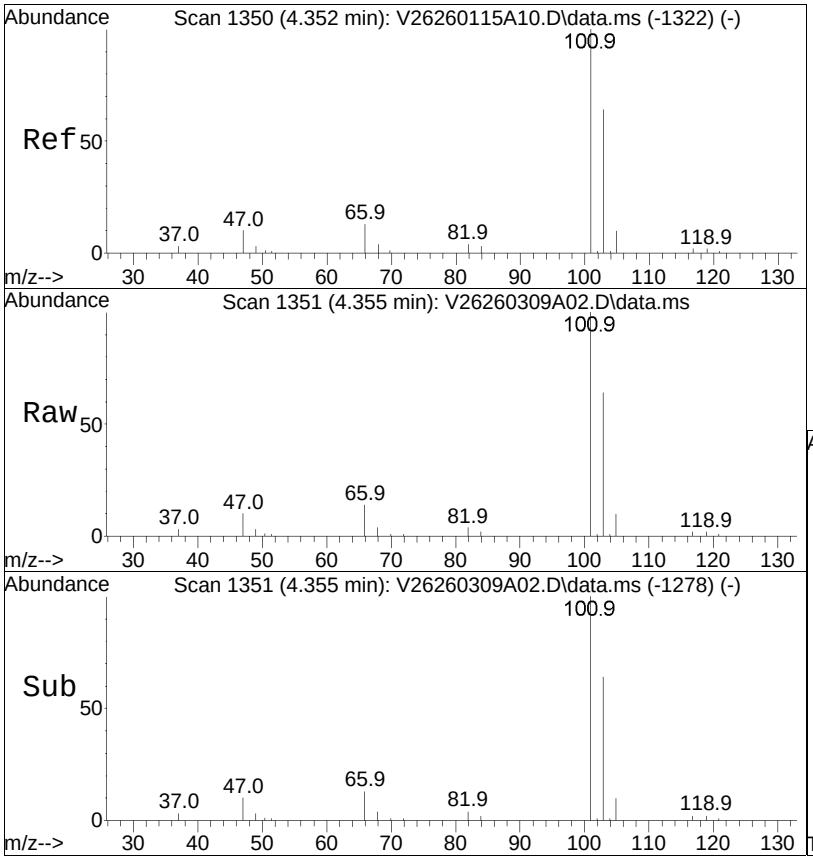


#7
Chloroethane
Concen: 36.34 ug/L
RT: 3.933 min Scan# 1200
Delta R.T. 0.008 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 64 Resp: 413664

Ion	Ratio	Lower	Upper
64	100		
66	31.0	11.3	51.3

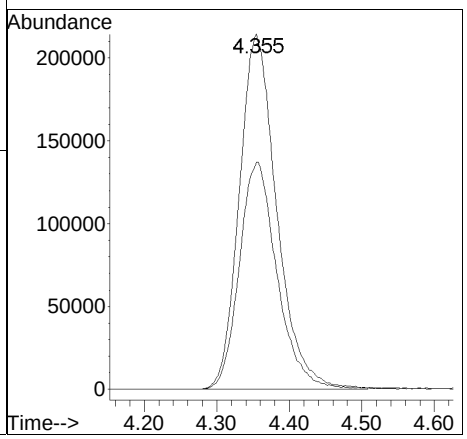


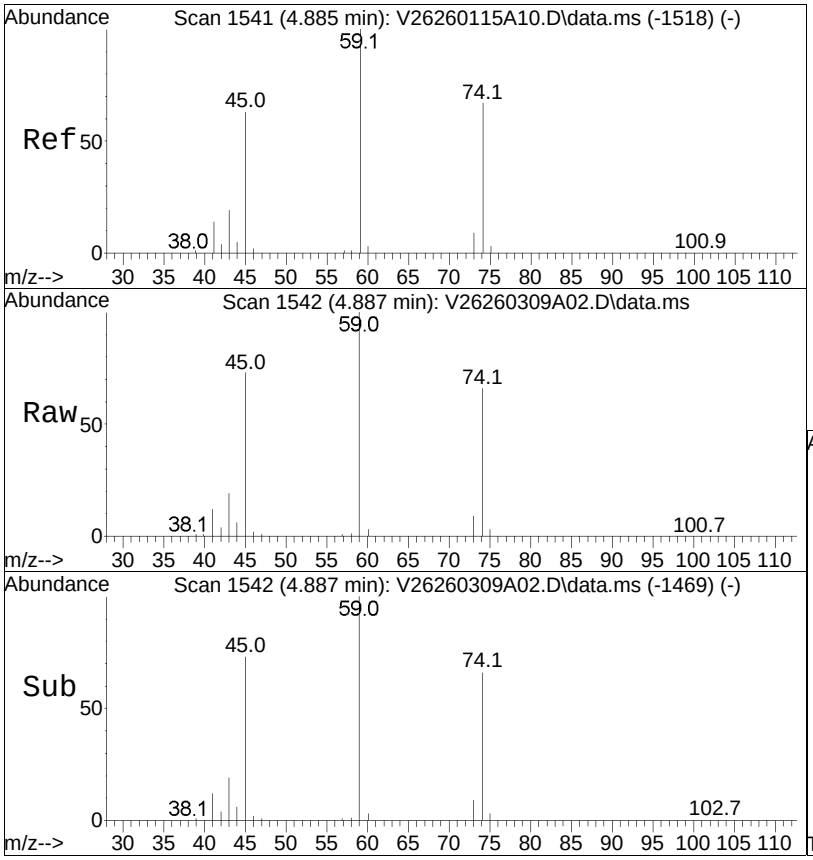


#8
Trichlorofluoromethane
Concen: 35.83 ug/L
RT: 4.355 min Scan# 1351
Delta R.T. 0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:101 Resp: 771404

Ion	Ratio	Lower	Upper
101	100		
103	64.7	50.5	75.7

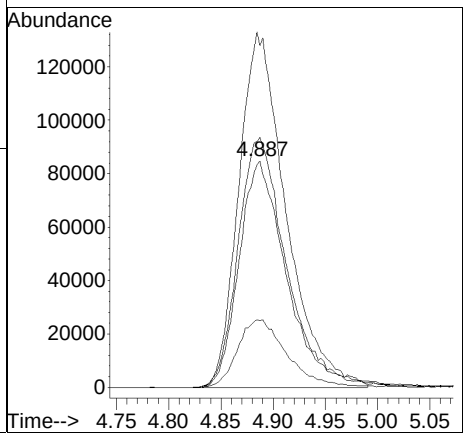


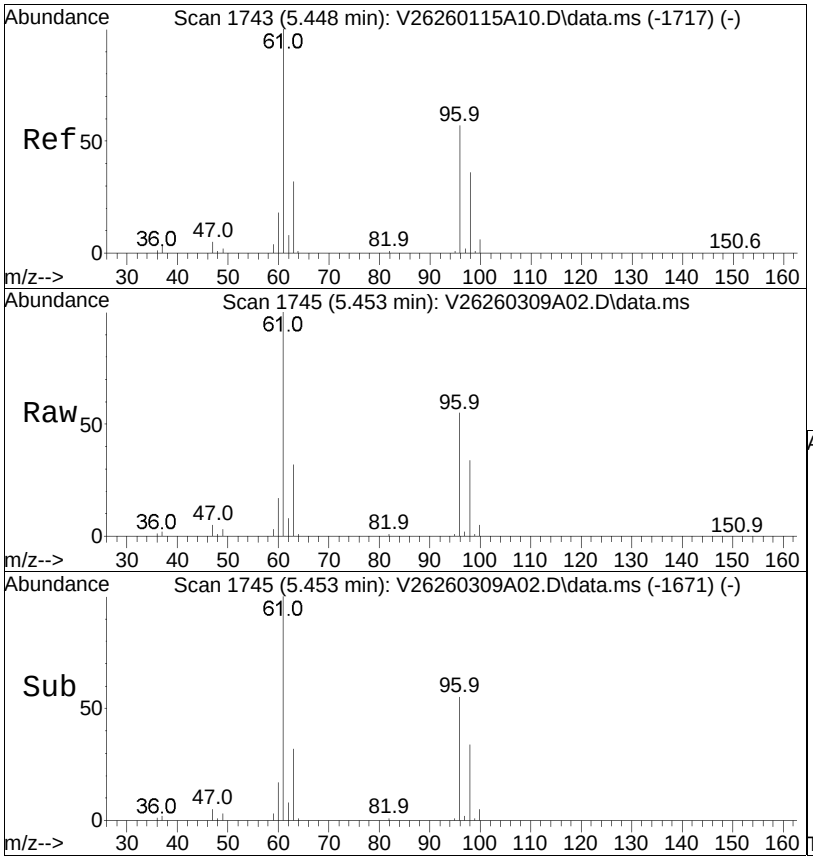


#9
Ethyl ether
Concen: 37.08 ug/L
RT: 4.887 min Scan# 1542
Delta R.T. 0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 74 Resp: 266235

Ion	Ratio	Lower	Upper
74	100		
59	158.9	93.6	194.4
45	113.5	70.7	146.9
43	31.3	19.2	40.0

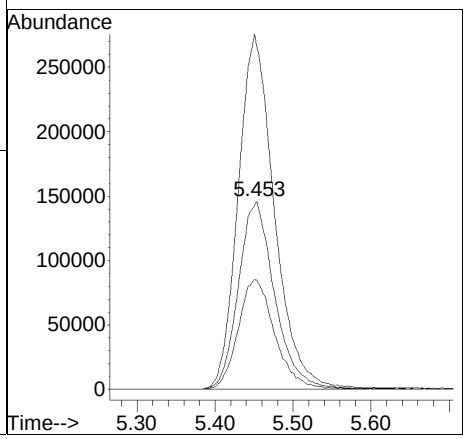


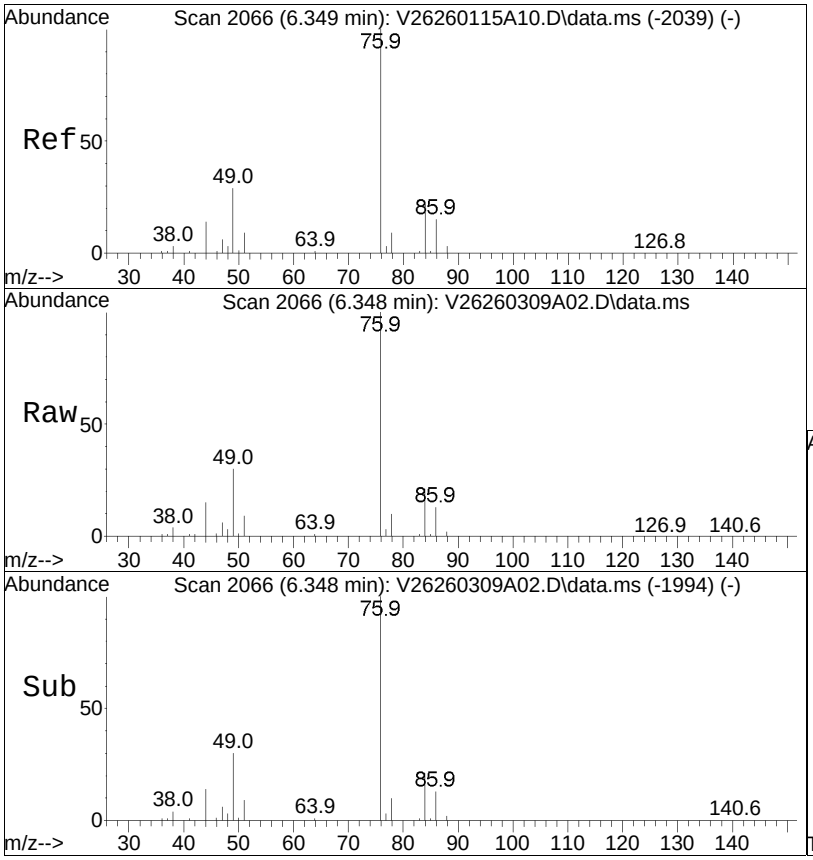


#11
1,1-Dichloroethene
Concen: 36.11 ug/L
RT: 5.453 min Scan# 1745
Delta R.T. 0.005 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 96 Resp: 472130

Ion	Ratio	Lower	Upper
96	100		
61	188.5	133.8	200.8
63	59.2	42.6	63.8

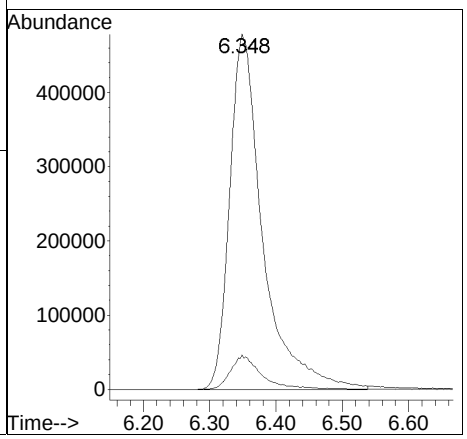


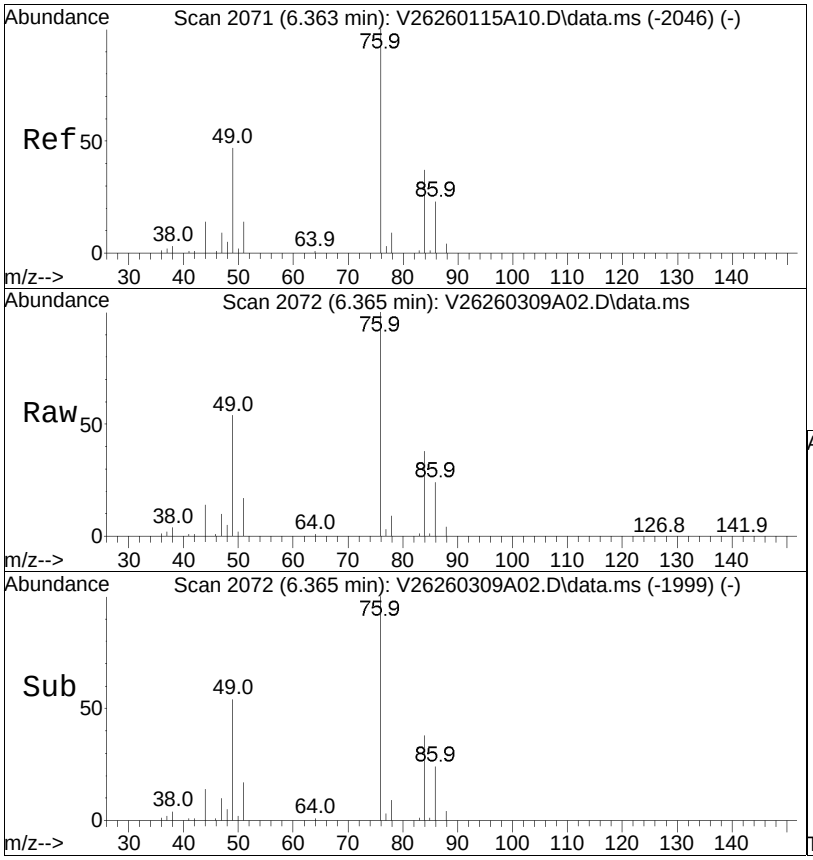


#12
Carbon disulfide
Concen: 36.19 ug/L
RT: 6.348 min Scan# 2066
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 76 Resp: 1660694

Ion	Ratio	Lower	Upper
76	100		
78	9.2	5.9	12.3

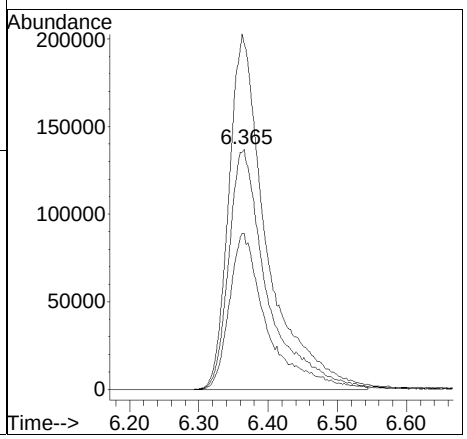


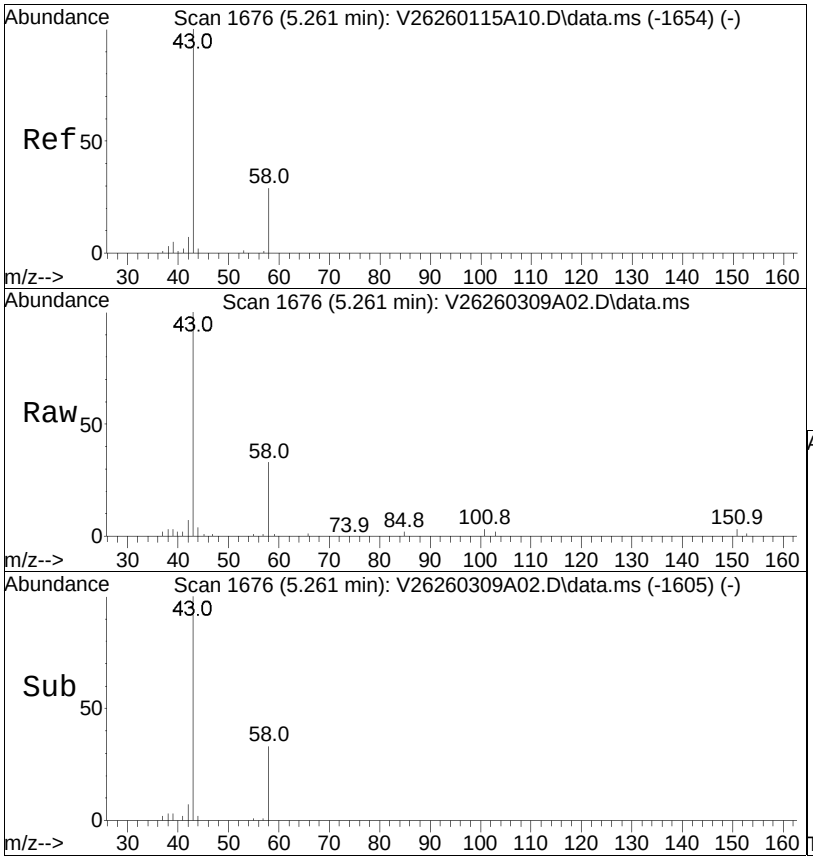


#17
Methylene chloride
Concen: 32.51 ug/L
RT: 6.365 min Scan# 2072
Delta R.T. 0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 84 Resp: 528477

Ion	Ratio	Lower	Upper
84	100		
86	64.2	41.9	87.1
49	146.2	88.1	183.1

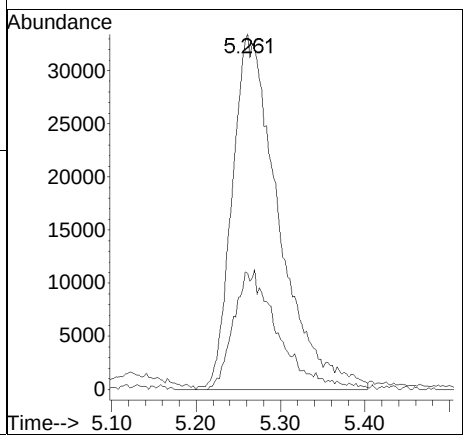


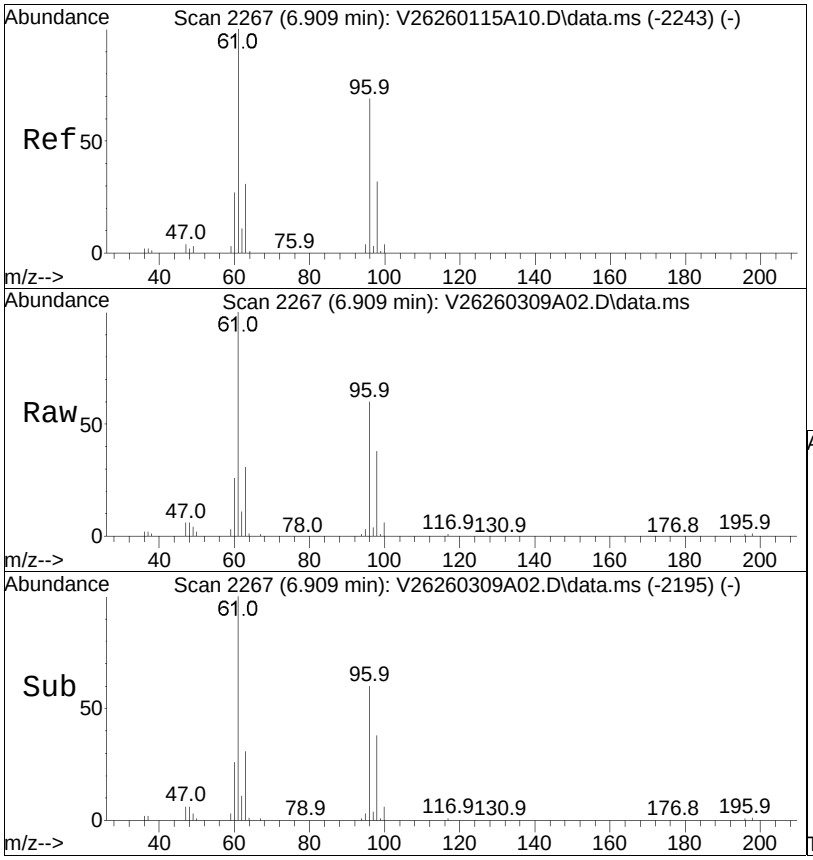


#19
Acetone
Concen: 38.08 ug/L
RT: 5.261 min Scan# 1676
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 43 Resp: 127888

Ion	Ratio	Lower	Upper
43	100		
58	31.9	24.6	37.0

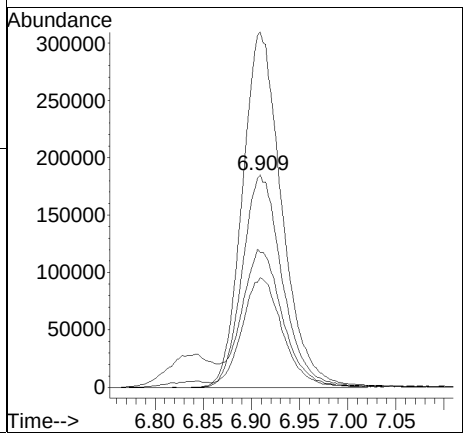


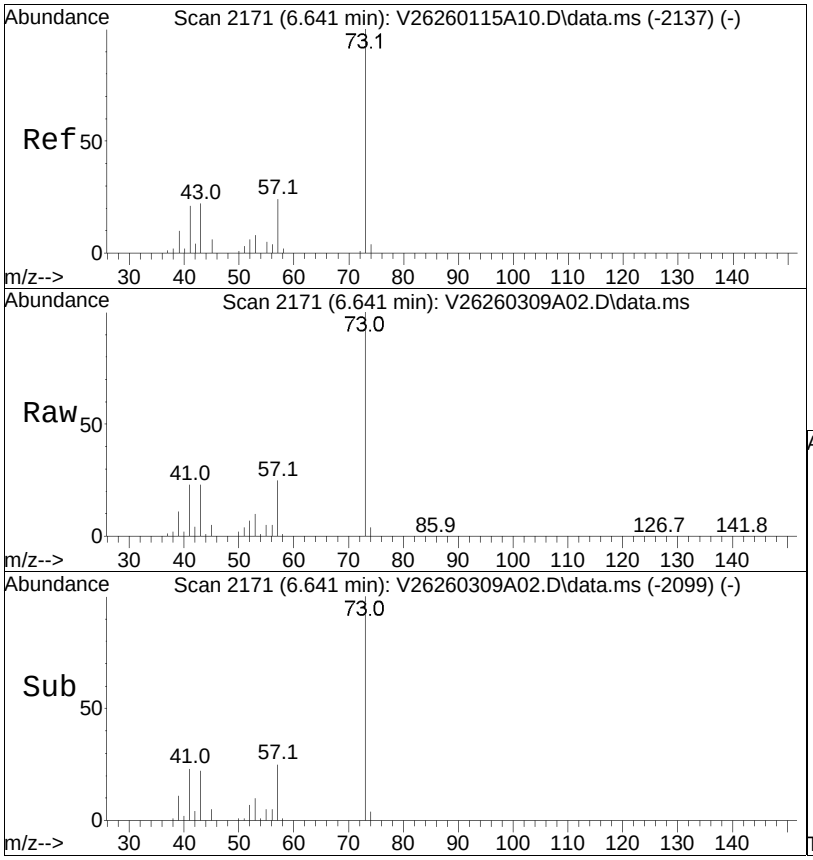


#20
trans-1,2-Dichloroethene
Concen: 36.24 ug/L
RT: 6.909 min Scan# 2267
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 96 Resp: 535932

Ion	Ratio	Lower	Upper
96	100		
61	164.9	94.1	195.5
98	65.2	42.4	88.0
63	51.5	30.4	63.0

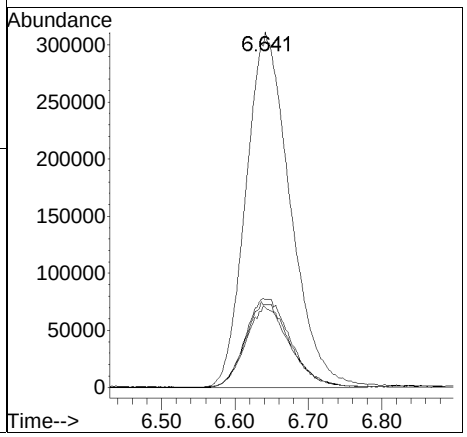


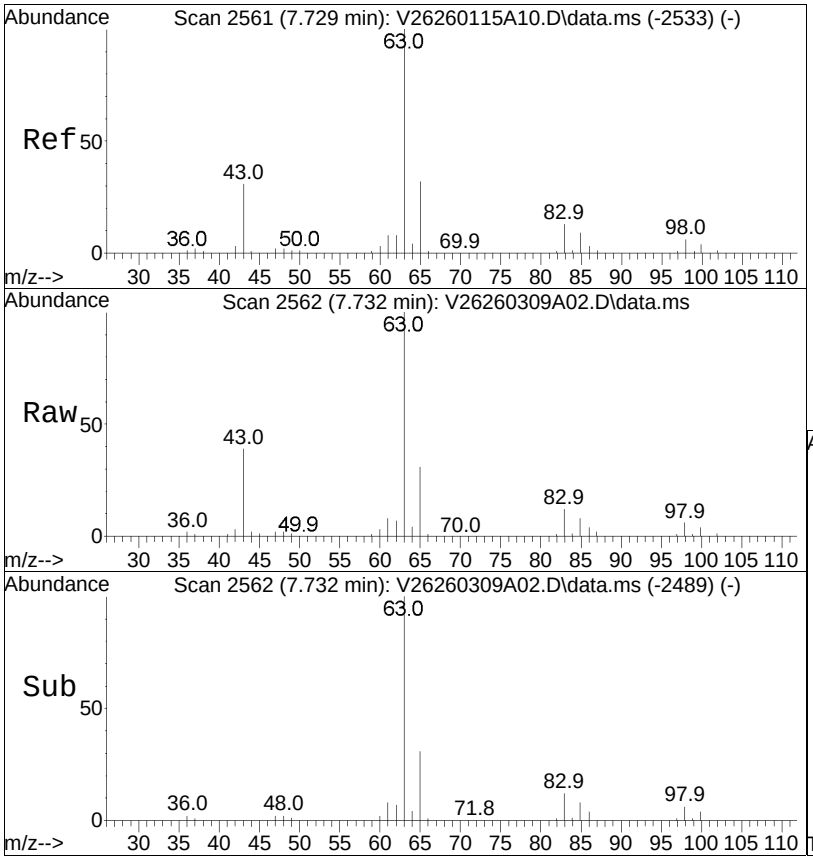


#23
Methyl tert-butyl ether
Concen: 36.19 ug/L
RT: 6.641 min Scan# 2171
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 73 Resp: 1304554

Ion	Ratio	Lower	Upper
73	100		
57	25.8	15.8	32.8
43	22.9	14.7	30.5
41	24.4	14.8	30.8

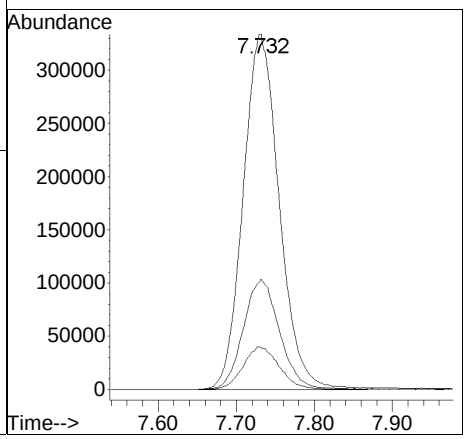


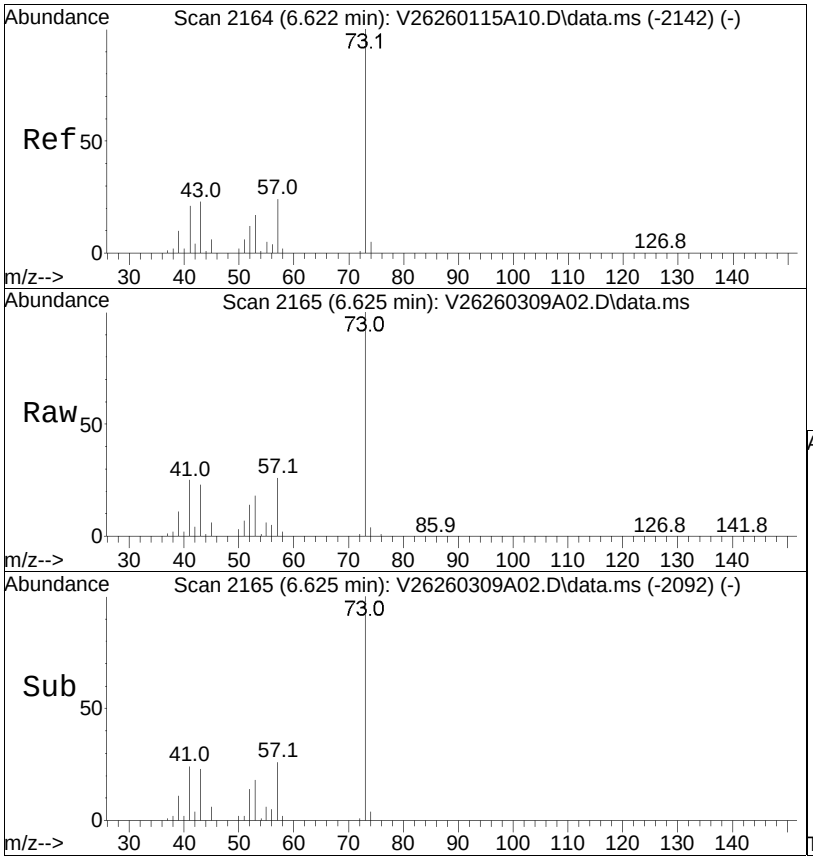


#26
1,1-Dichloroethane
Concen: 39.40 ug/L
RT: 7.732 min Scan# 2562
Delta R.T. 0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 63 Resp: 1073544

Ion	Ratio	Lower	Upper
63	100		
65	31.1	11.3	51.3
83	12.0	0.0	33.1

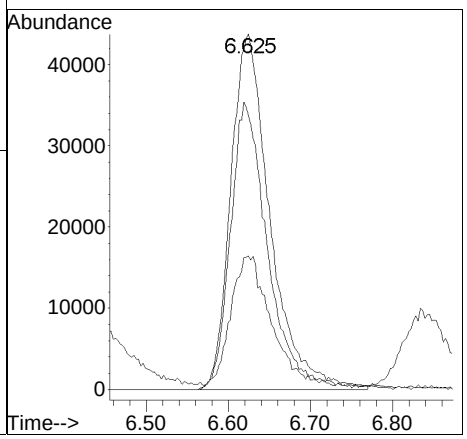


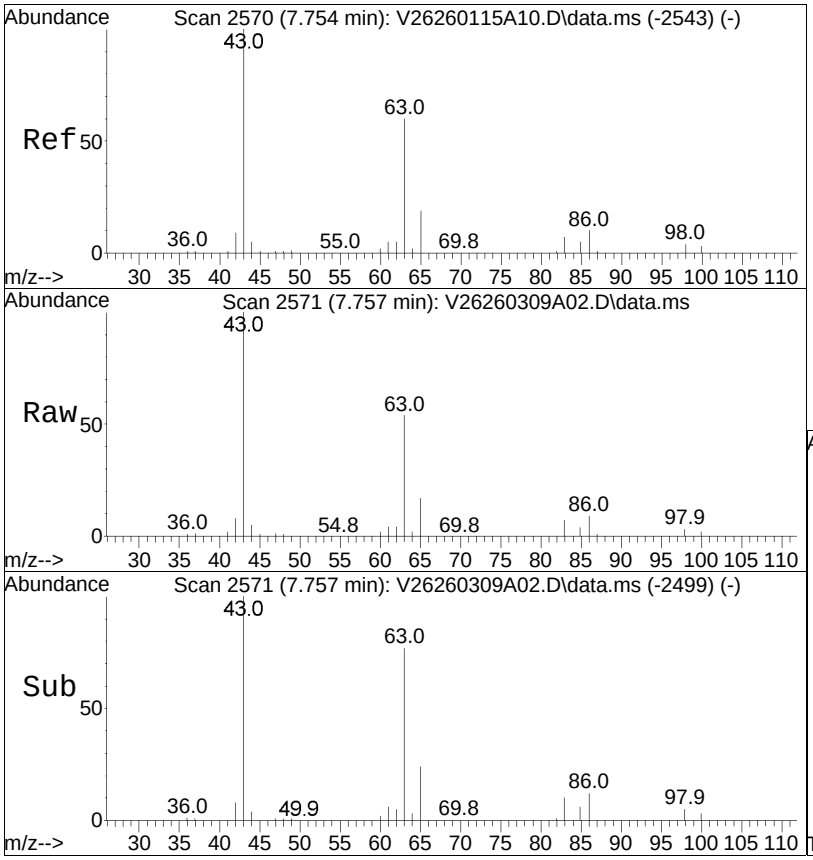


#28
Acrylonitrile
Concen: 41.87 ug/L
RT: 6.625 min Scan# 2165
Delta R.T. 0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 53 Resp: 145679

Ion	Ratio	Lower	Upper
53	100		
52	75.9	62.6	93.8
51	36.5	29.4	44.2

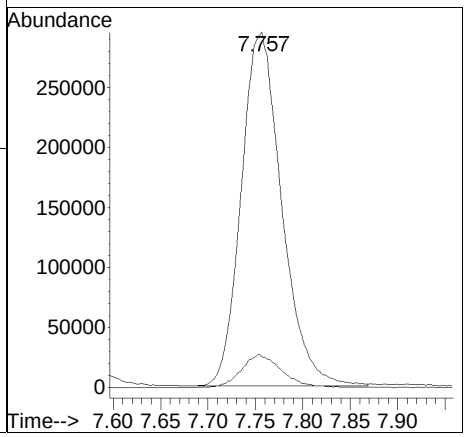


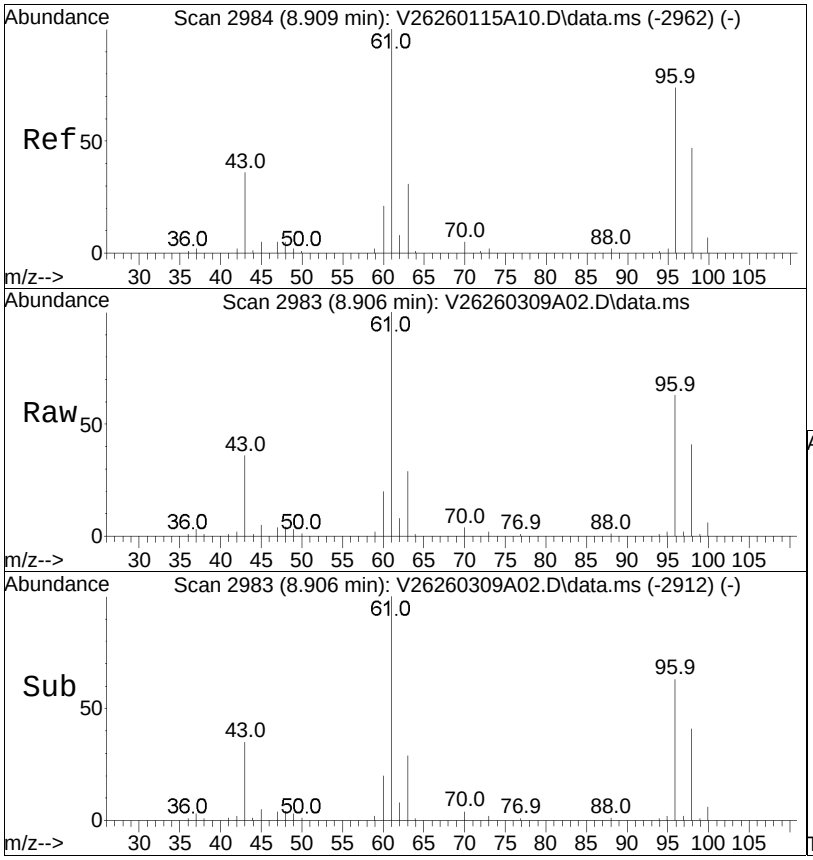


#30
Vinyl acetate
Concen: 39.48 ug/L
RT: 7.757 min Scan# 2571
Delta R.T. 0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 43 Resp: 879141

Ion	Ratio	Lower	Upper
43	100		
86	9.2	7.7	11.5

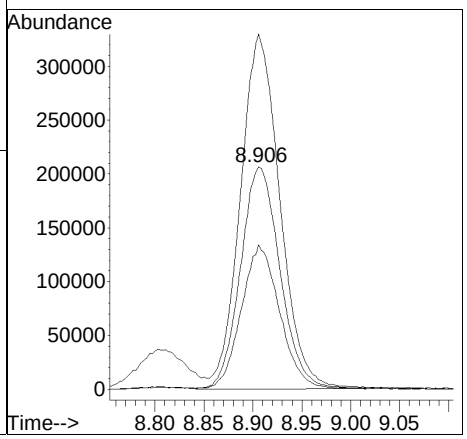


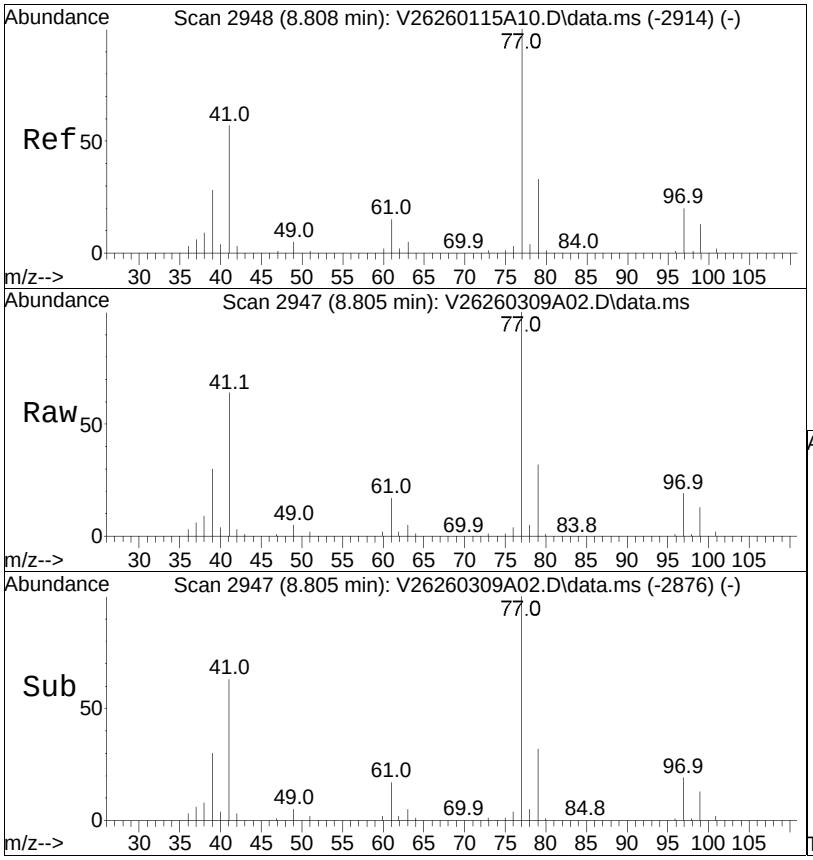


#31
cis-1,2-Dichloroethene
Concen: 35.67 ug/L
RT: 8.906 min Scan# 2983
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 96 Resp: 579868

Ion	Ratio	Lower	Upper
96	100		
61	158.9	117.3	175.9
98	63.0	51.4	77.0

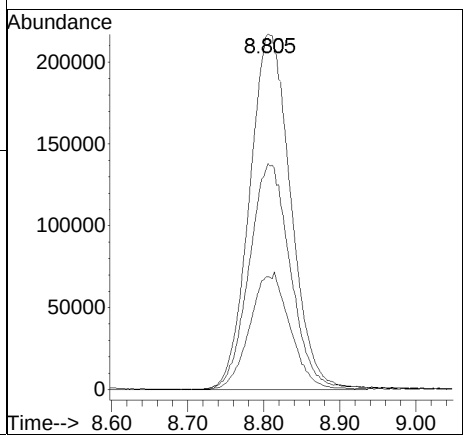


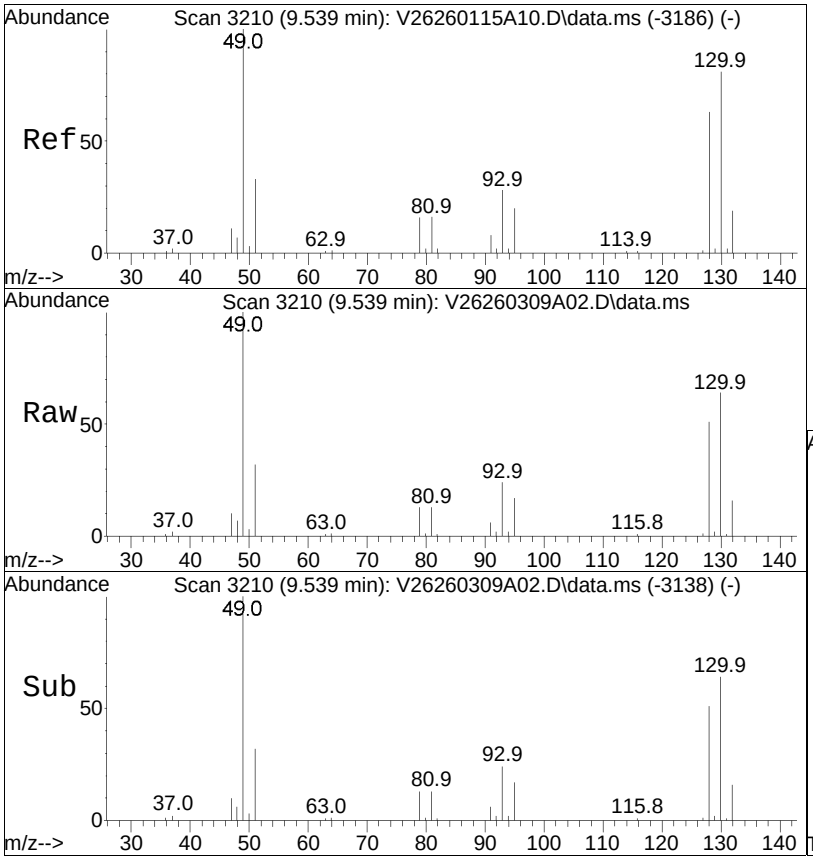


#32
2,2-Dichloropropane
Concen: 36.79 ug/L
RT: 8.805 min Scan# 2947
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 77 Resp: 817156

Ion	Ratio	Lower	Upper
77	100		
41	63.7	40.4	83.8
79	32.0	20.9	43.5

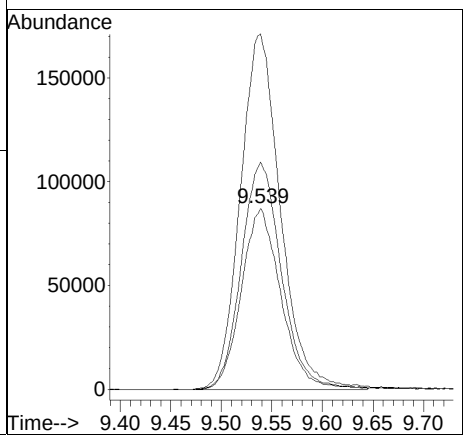


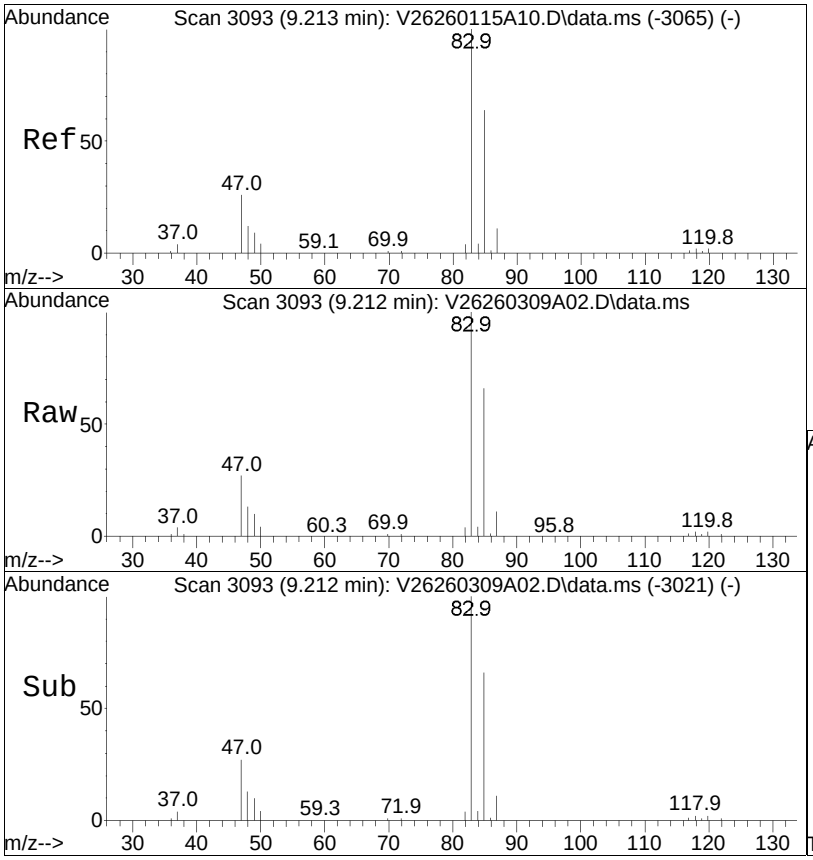


#33
Bromochloromethane
Concen: 34.85 ug/L
RT: 9.539 min Scan# 3210
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:128 Resp: 237734

Ion	Ratio	Lower	Upper
128	100		
49	200.1	139.0	208.4
130	128.0	102.9	154.3

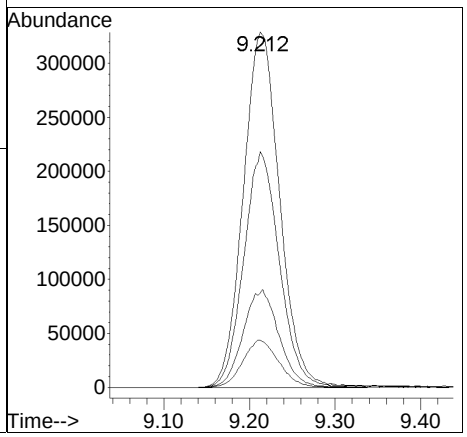


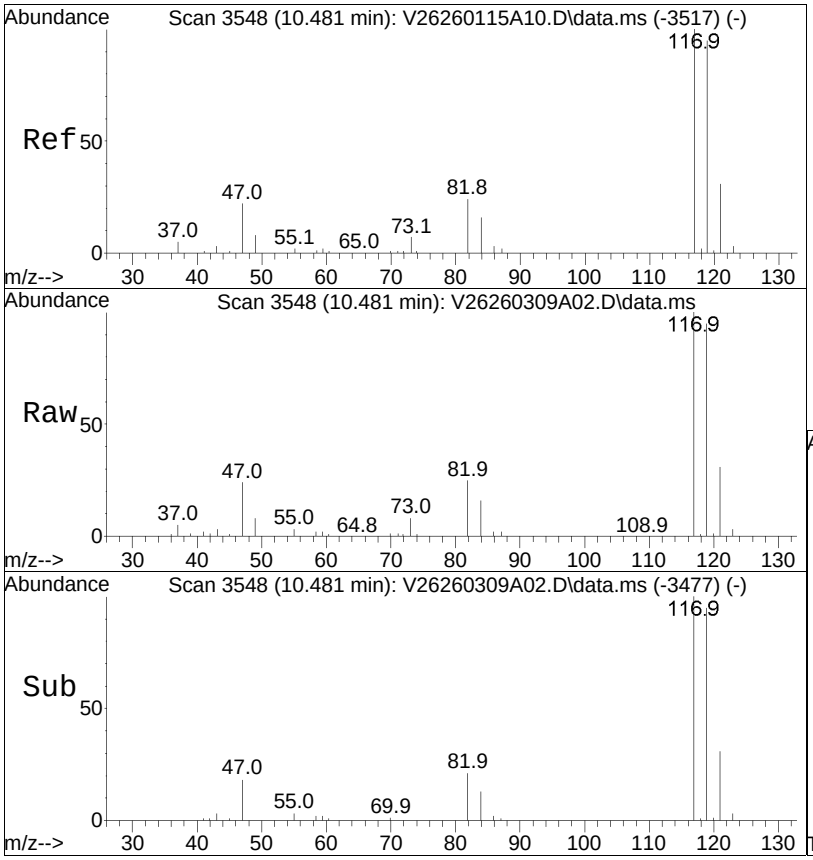


#35
Chloroform
Concen: 34.71 ug/L
RT: 9.212 min Scan# 3093
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 83 Resp: 975182

Ion	Ratio	Lower	Upper
83	100		
85	65.2	42.3	87.9
47	27.3	17.3	35.9
48	13.2	8.3	17.3

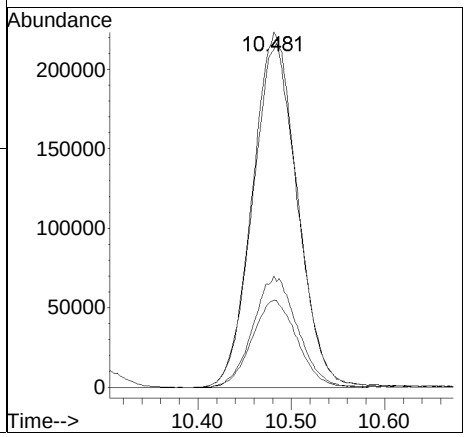


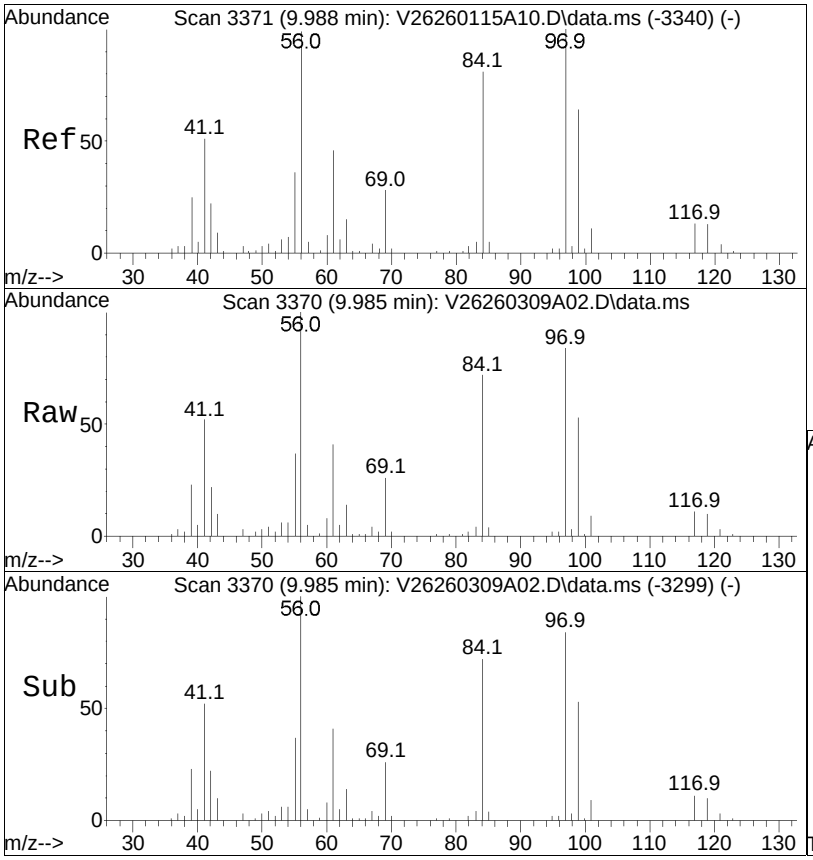


#37
Carbon tetrachloride
Concen: 35.70 ug/L
RT: 10.481 min Scan# 3548
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:117 Resp: 747634

Ion	Ratio	Lower	Upper
117	100		
119	96.3	62.5	129.9
121	30.9	20.3	42.1
82	24.8	15.5	32.1

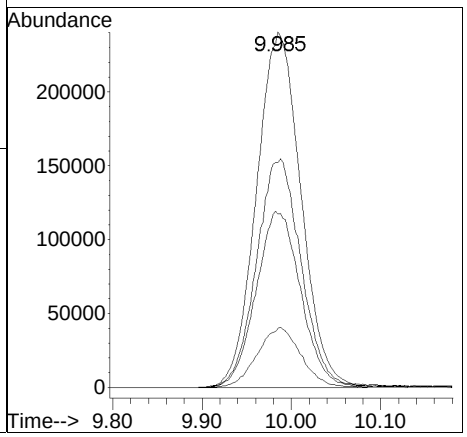


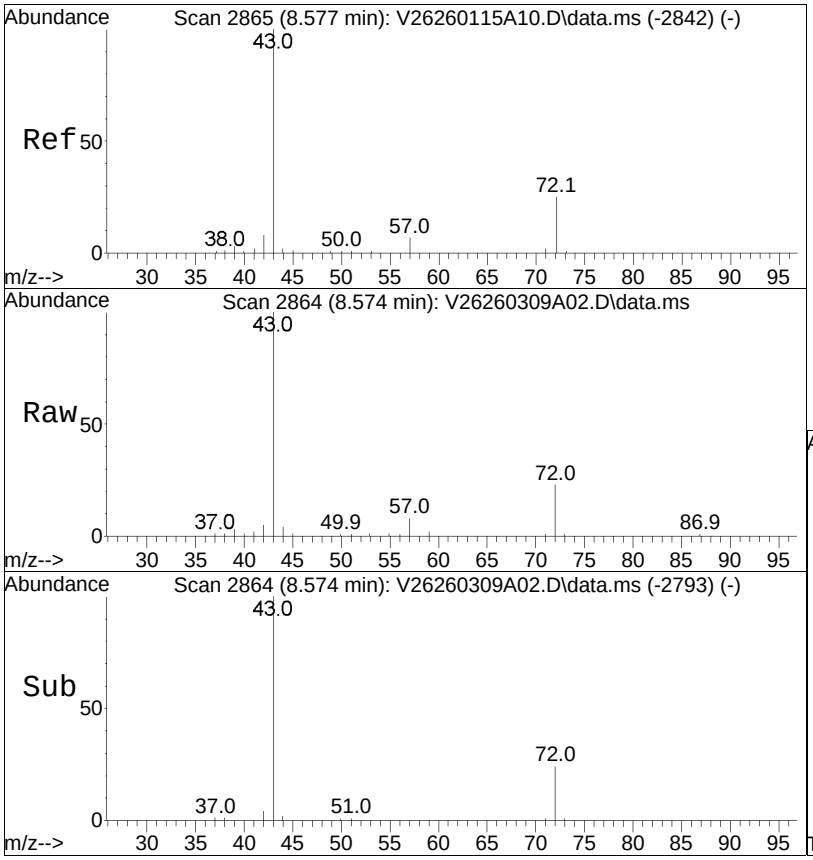


#40
1,1,1-Trichloroethane
Concen: 36.62 ug/L
RT: 9.985 min Scan# 3370
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 97 Resp: 833796

Ion	Ratio	Lower	Upper
97	100		
99	64.5	41.9	86.9
61	49.8	29.7	61.7
63	16.6	9.9	20.5

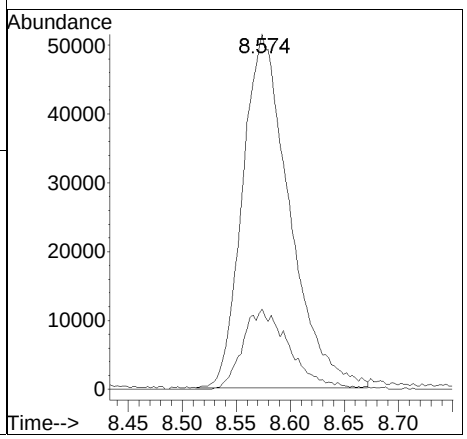


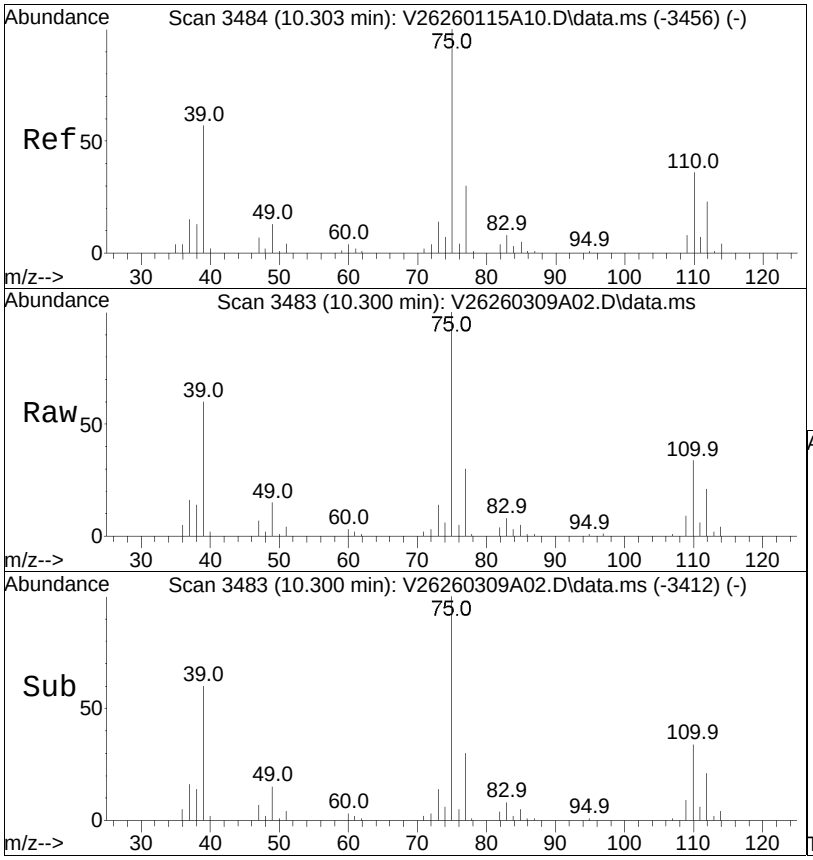


#42
2-Butanone
Concen: 36.65 ug/L
RT: 8.574 min Scan# 2864
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 43 Resp: 154722

Ion	Ratio	Lower	Upper
43	100		
72	23.0	18.7	28.1

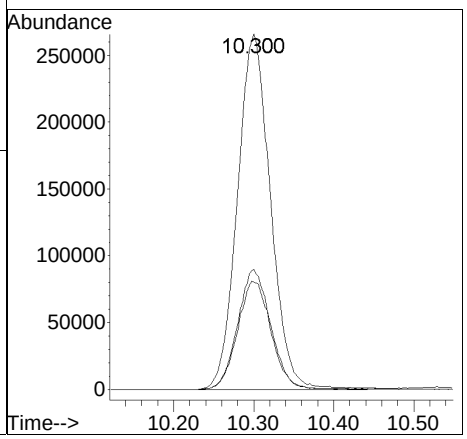


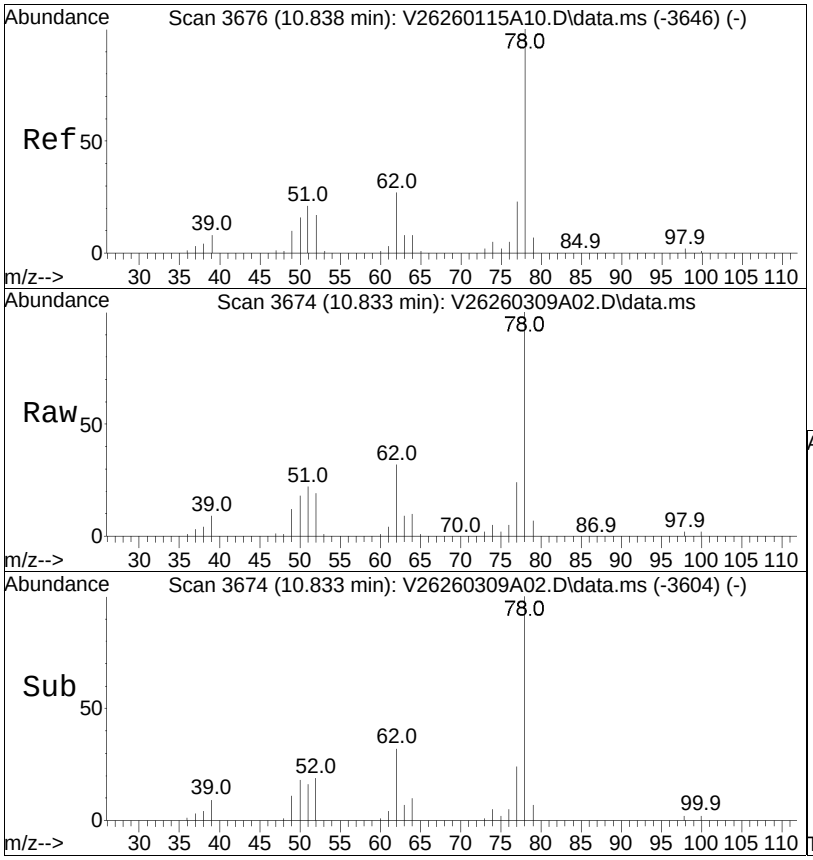


#43
1,1-Dichloropropene
Concen: 40.24 ug/L
RT: 10.300 min Scan# 3483
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 75 Resp: 763005

Ion	Ratio	Lower	Upper
75	100		
110	33.6	23.9	49.7
77	30.8	20.2	42.0

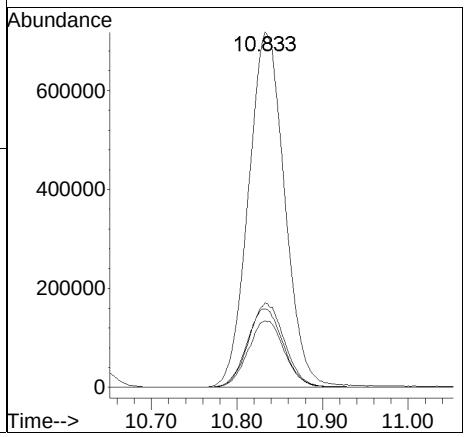


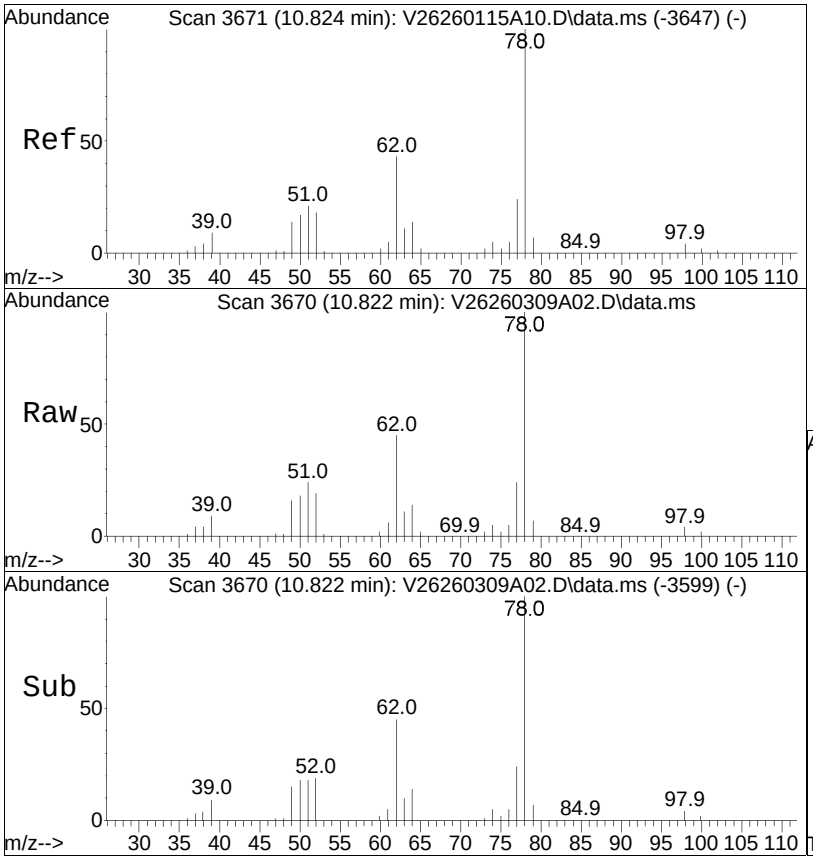


#45
Benzene
Concen: 38.22 ug/L
RT: 10.833 min Scan# 3674
Delta R.T. -0.006 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 78 Resp: 2116801

Ion	Ratio	Lower	Upper
78	100		
77	23.8	15.6	32.4
51	22.4	14.3	29.7
52	18.9	11.9	24.7

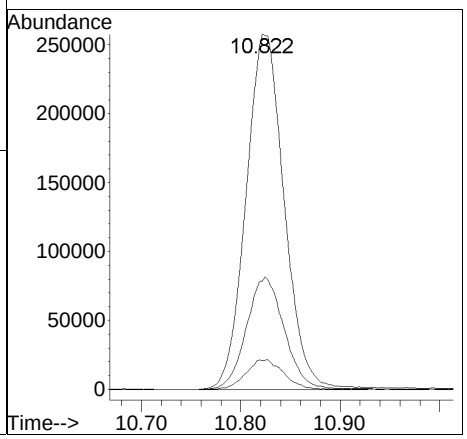


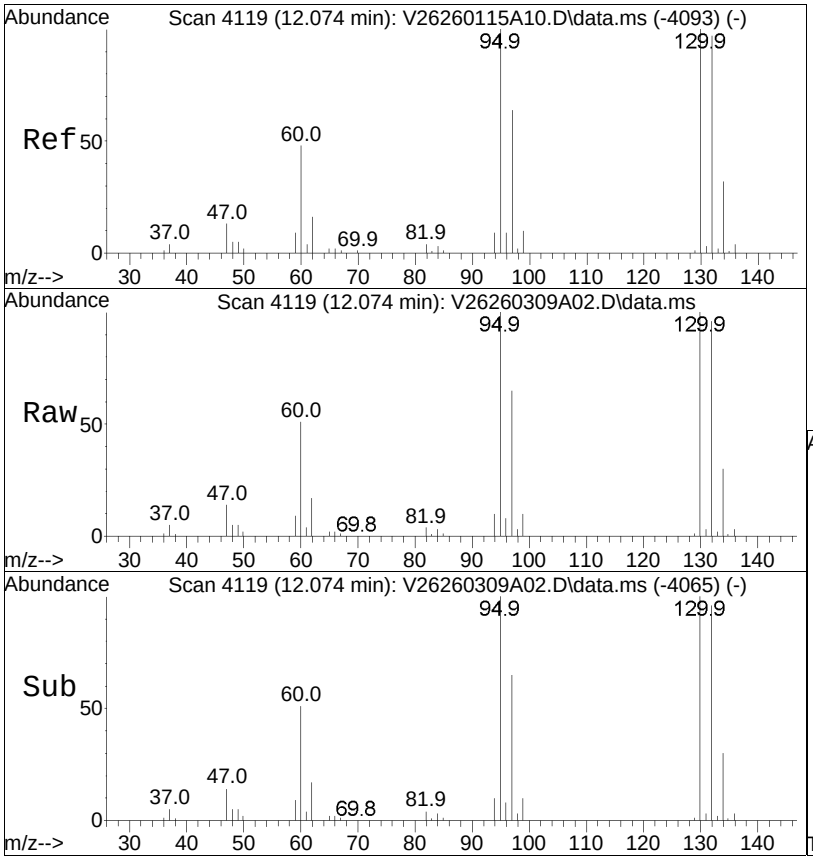


#48
1,2-Dichloroethane
Concen: 36.96 ug/L
RT: 10.822 min Scan# 3670
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 62 Resp: 687100

Ion	Ratio	Lower	Upper
62	100		
64	31.3	12.0	52.0
98	8.3	0.0	29.3

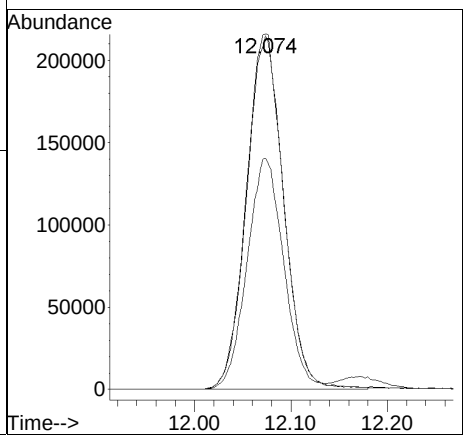


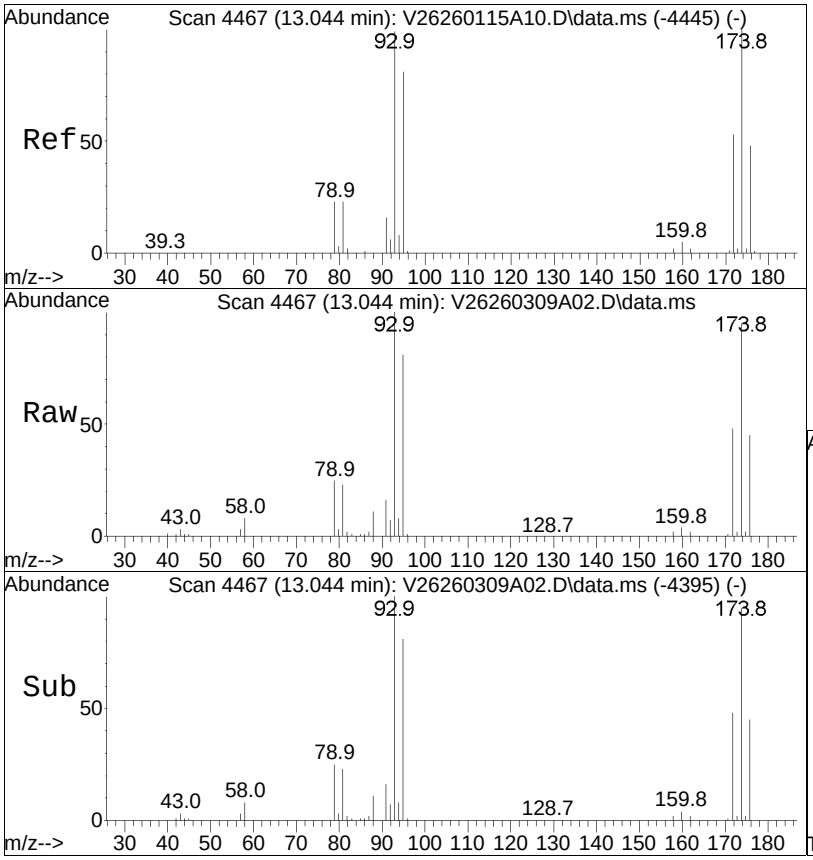


#52
Trichloroethene
Concen: 37.57 ug/L
RT: 12.074 min Scan# 4119
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 95 Resp: 582548

Ion	Ratio	Lower	Upper
95	100		
97	63.9	51.3	76.9
130	98.5	84.5	126.7

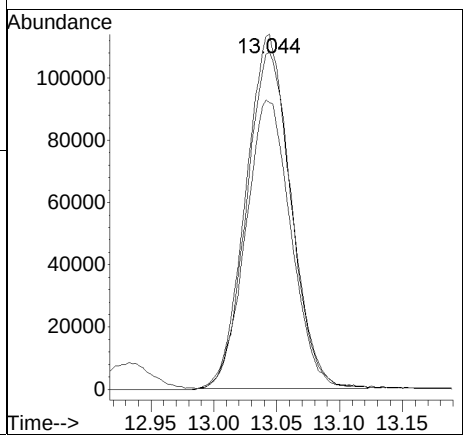


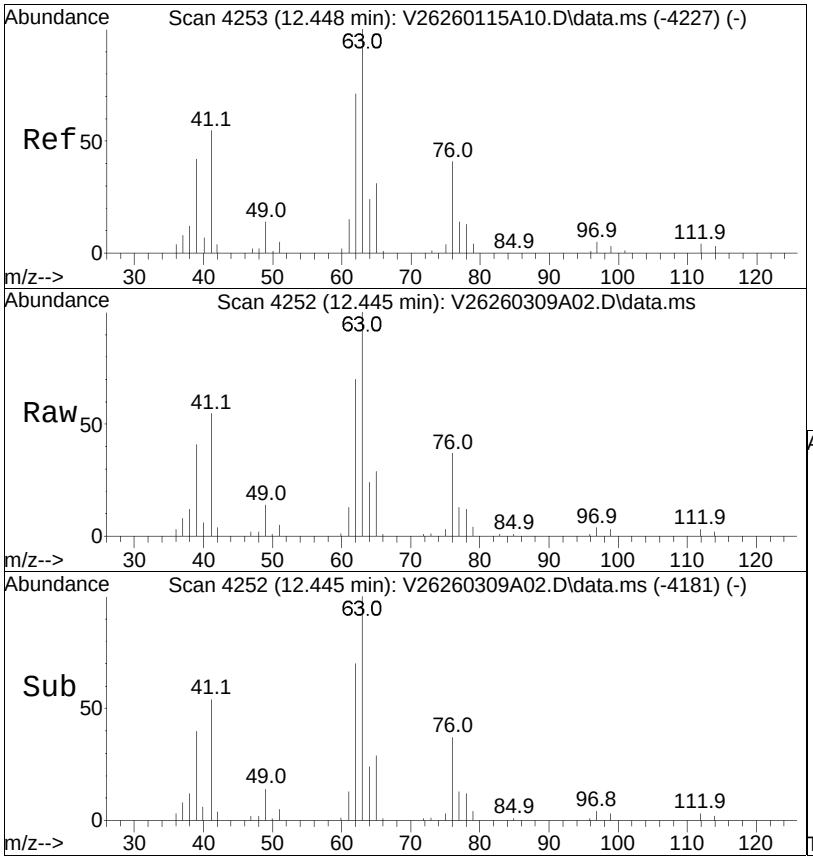


#54
Dibromomethane
Concen: 35.16 ug/L
RT: 13.044 min Scan# 4467
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 93 Resp: 280882

Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.8	100.2
174	96.9	79.5	119.3

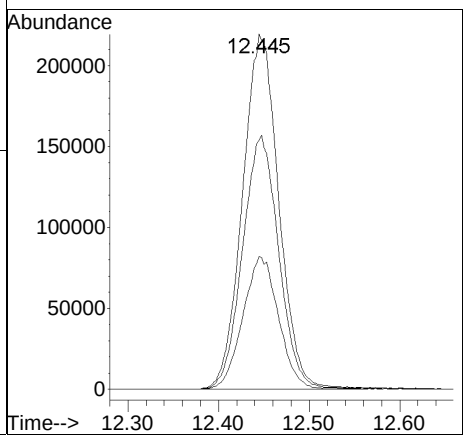


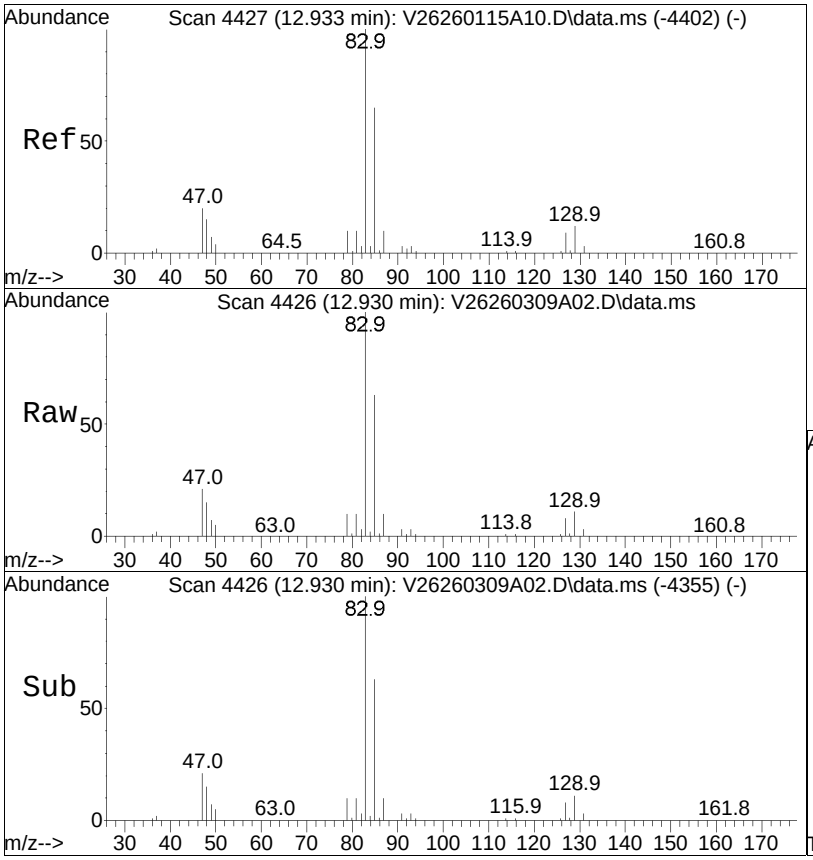


#55
1,2-Dichloropropane
Concen: 40.49 ug/L
RT: 12.445 min Scan# 4252
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 63 Resp: 611203

Ion	Ratio	Lower	Upper
63	100		
62	71.3	57.3	85.9
76	36.8	31.9	47.9

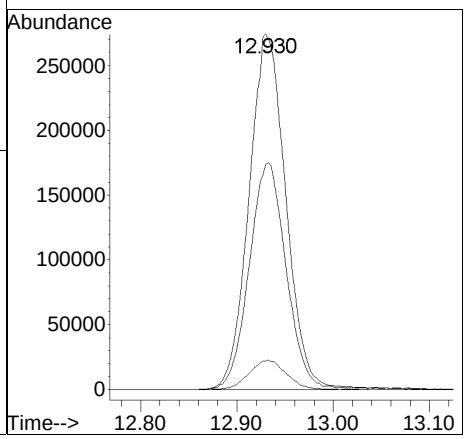


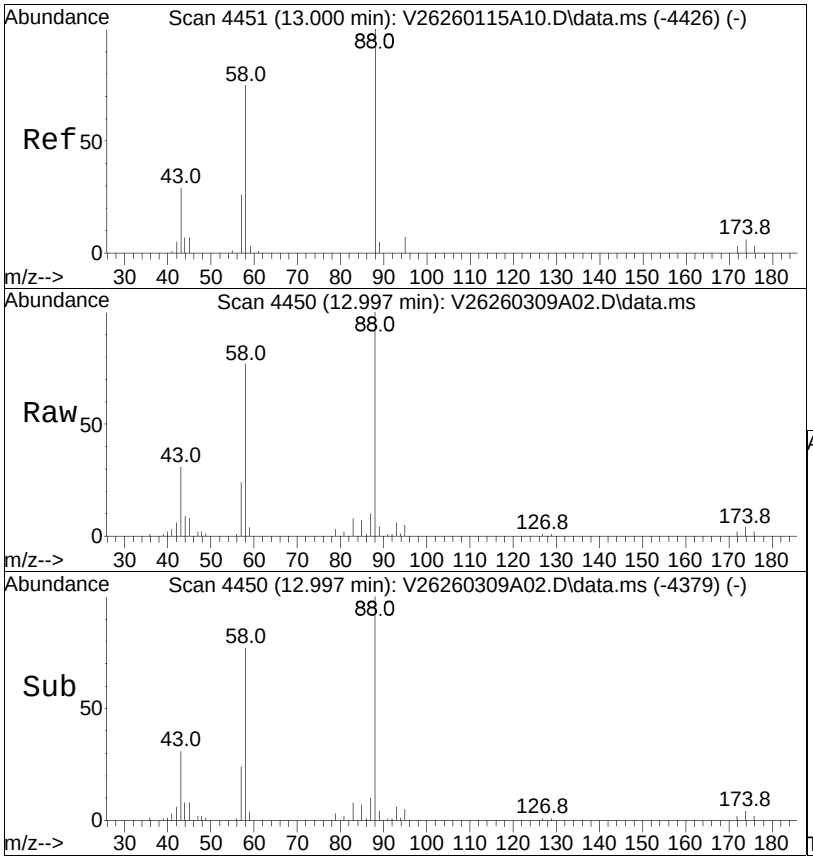


#58
Bromodichloromethane
Concen: 36.17 ug/L
RT: 12.930 min Scan# 4426
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 83 Resp: 729109

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.4	77.0
127	8.2	7.1	10.7

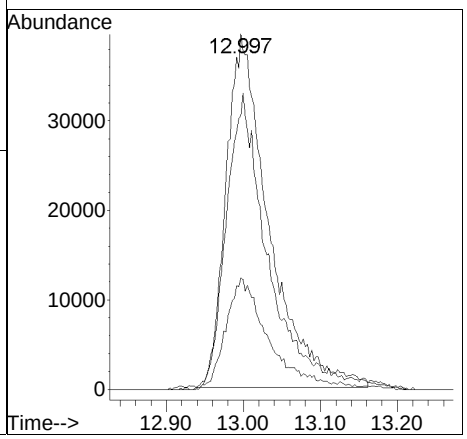


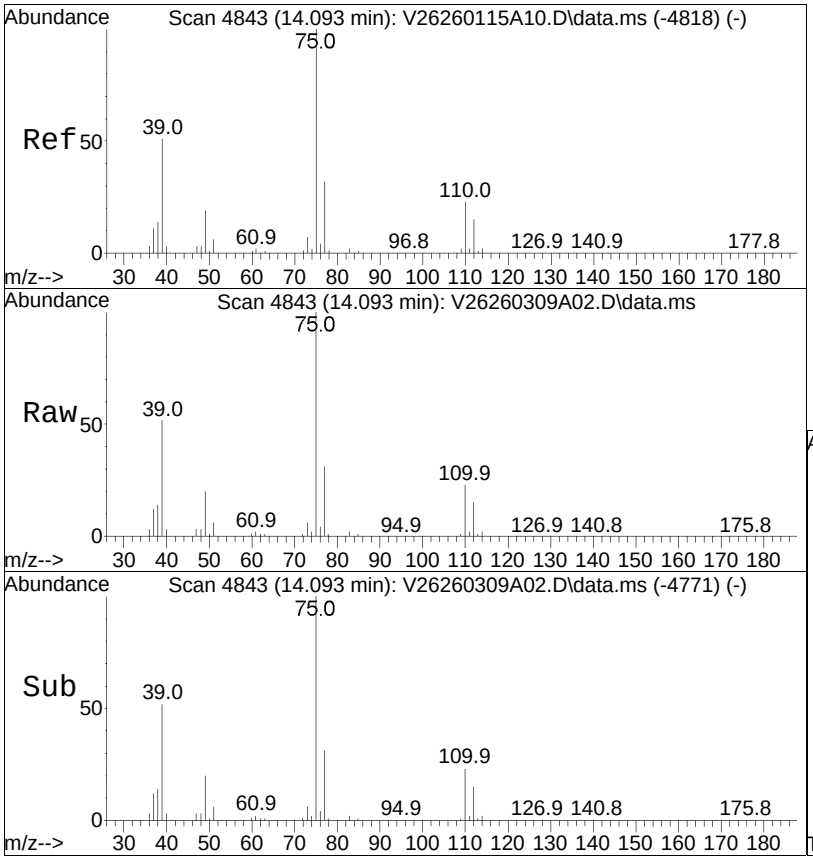


#61
1,4-Dioxane
Concen: 1879.62 ug/L
RT: 12.997 min Scan# 4450
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 88 Resp: 152551

Ion	Ratio	Lower	Upper
88	100		
58	80.6	57.0	85.4
43	31.3	20.4	30.6#

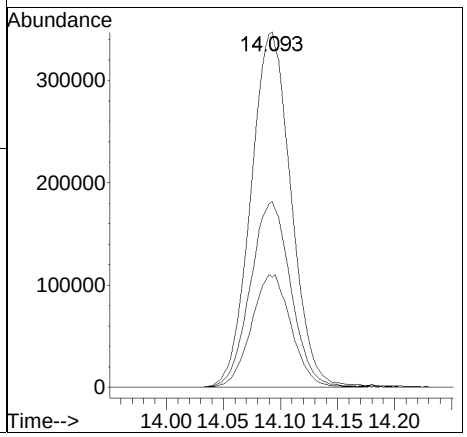


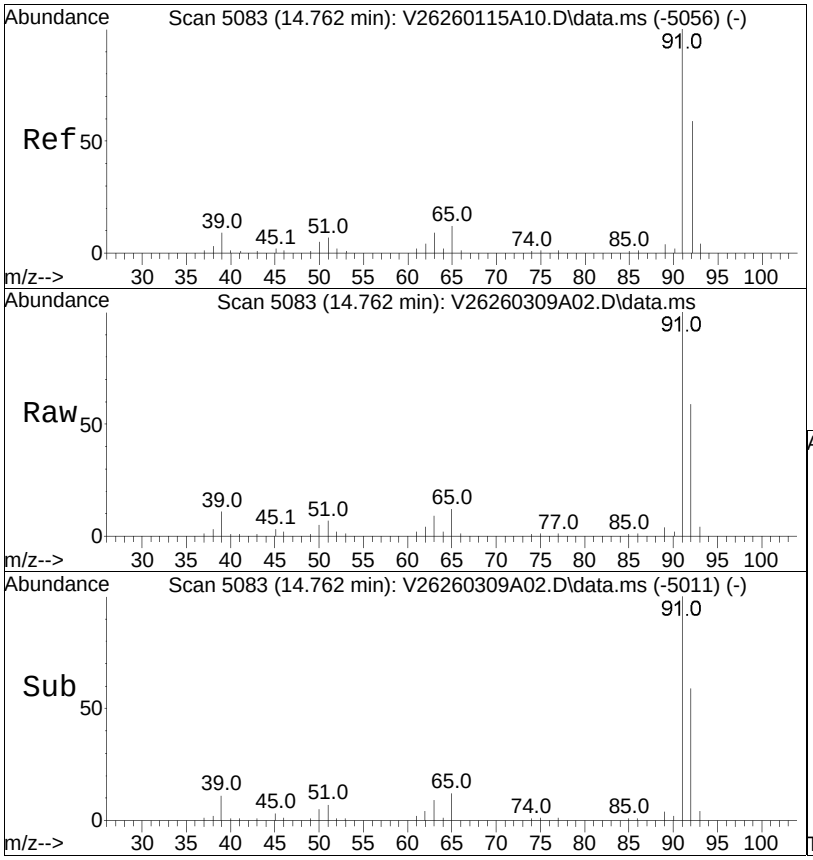


#62
cis-1,3-Dichloropropene
Concen: 37.77 ug/L
RT: 14.093 min Scan# 4843
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 75 Resp: 851284

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.5	38.3
39	52.6	43.7	65.5

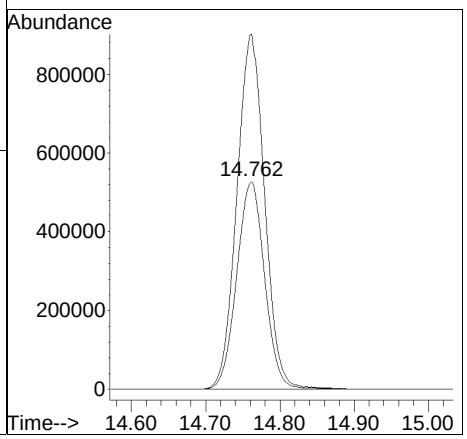


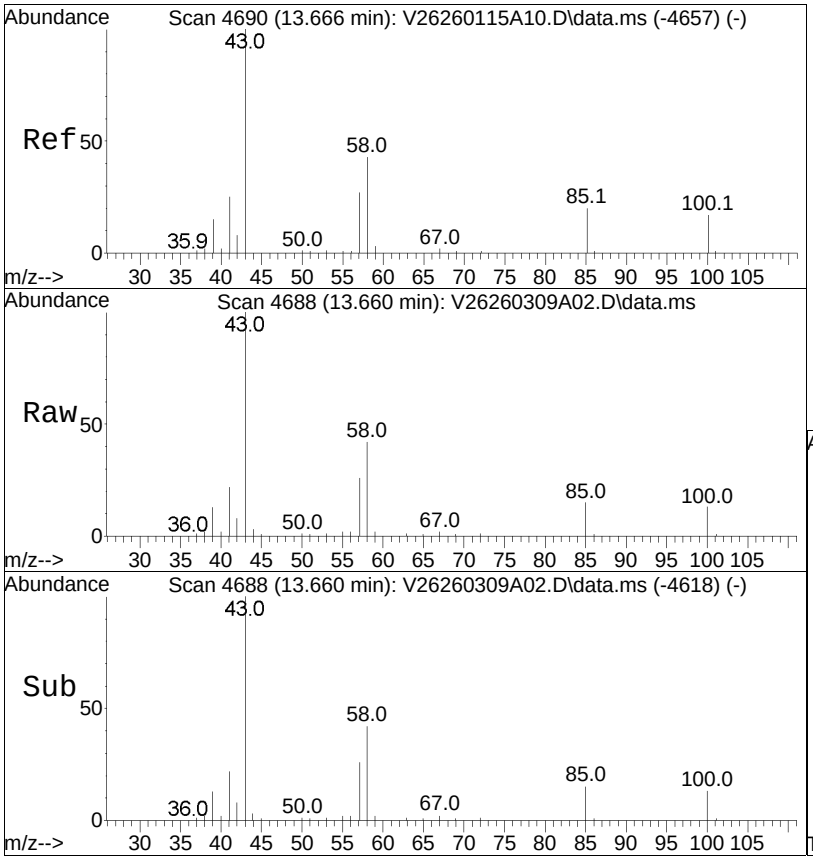


#66
Toluene
Concen: 38.73 ug/L
RT: 14.762 min Scan# 5083
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 92 Resp: 1384027

Ion	Ratio	Lower	Upper
92	100		
91	169.7	132.2	198.2

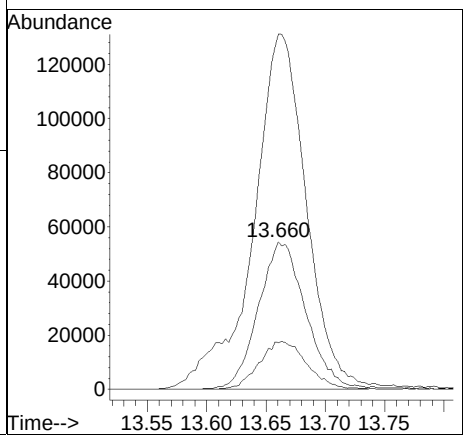


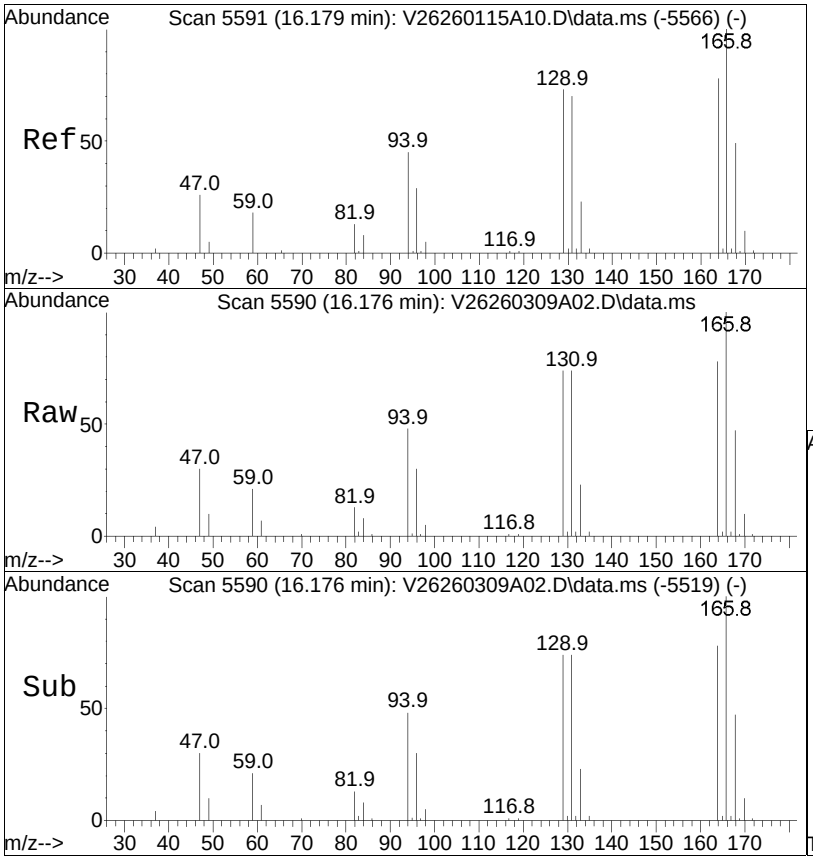


#67
4-Methyl-2-pentanone
Concen: 41.10 ug/L
RT: 13.660 min Scan# 4688
Delta R.T. -0.006 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 58 Resp: 151410

Ion	Ratio	Lower	Upper
58	100		
100	33.0	29.7	44.5
43	271.6	202.8	304.2

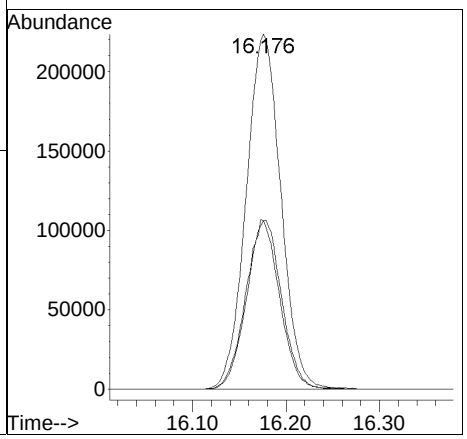


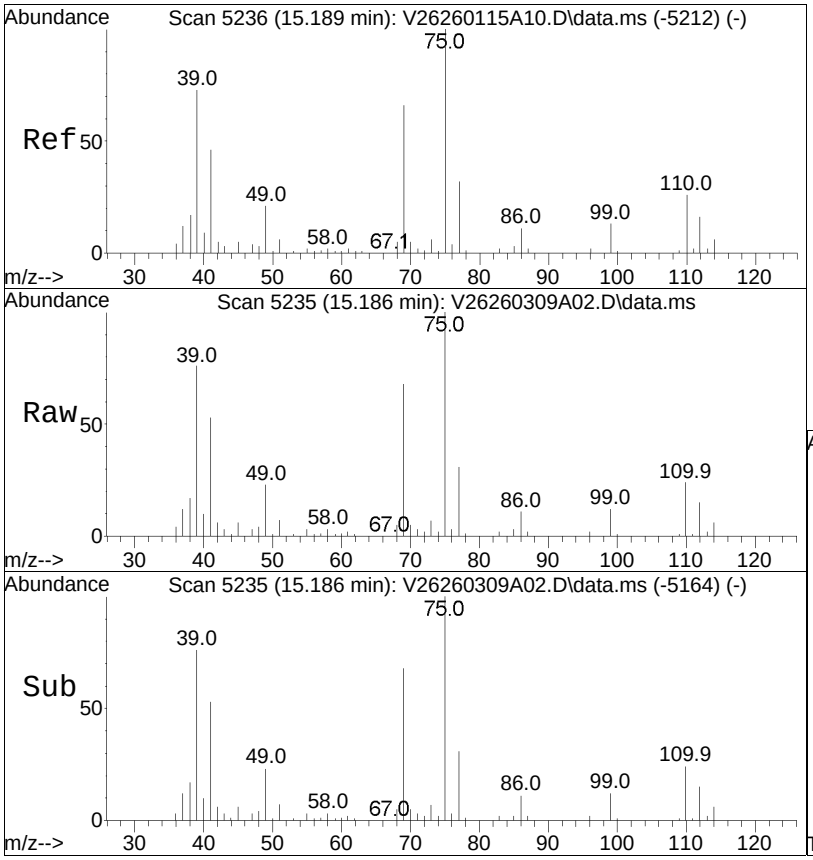


#68
Tetrachloroethene
Concen: 37.11 ug/L
RT: 16.176 min Scan# 5590
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:166 Resp: 579391

Ion	Ratio	Lower	Upper
166	100		
168	48.0	27.8	67.8
94	46.7	24.4	64.4

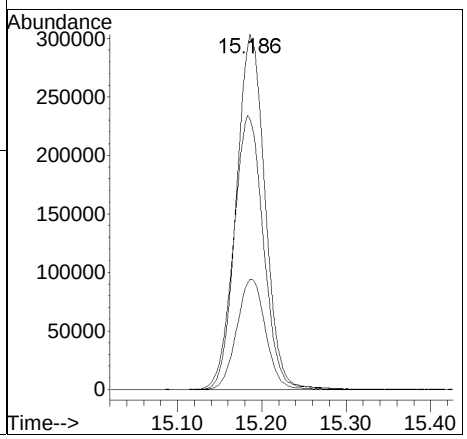


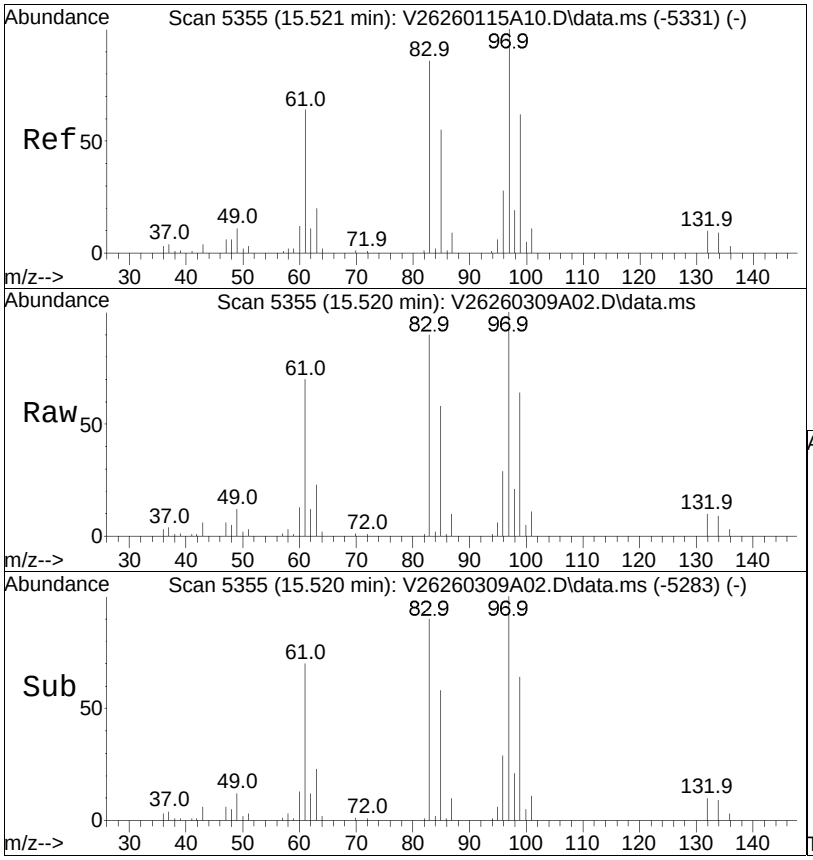


#71
trans-1,3-Dichloropropene
Concen: 39.09 ug/L
RT: 15.186 min Scan# 5235
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 75 Resp: 711410

Ion	Ratio	Lower	Upper
75	100		
77	31.3	11.8	51.8
39	81.1	66.6	106.6

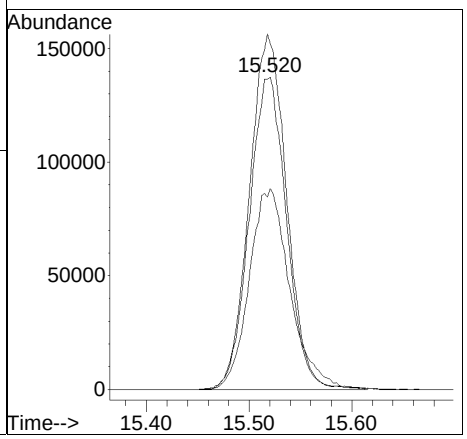


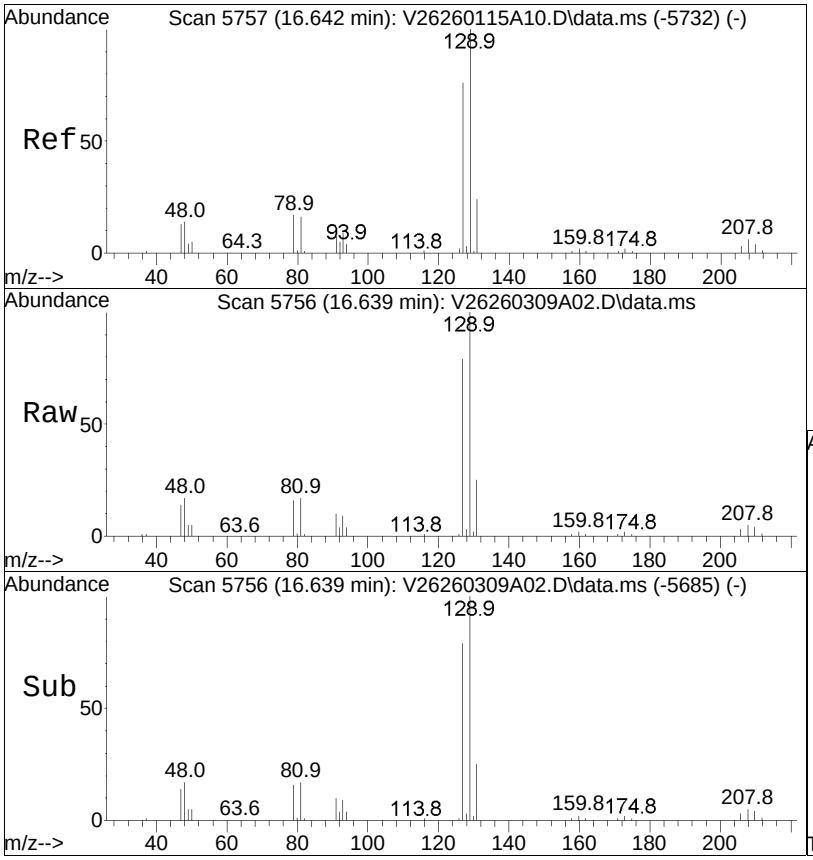


#75
1,1,2-Trichloroethane
Concen: 39.22 ug/L
RT: 15.520 min Scan# 5355
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 83 Resp: 346659

Ion	Ratio	Lower	Upper
83	100		
97	113.7	97.2	137.2
85	70.3	52.0	92.0

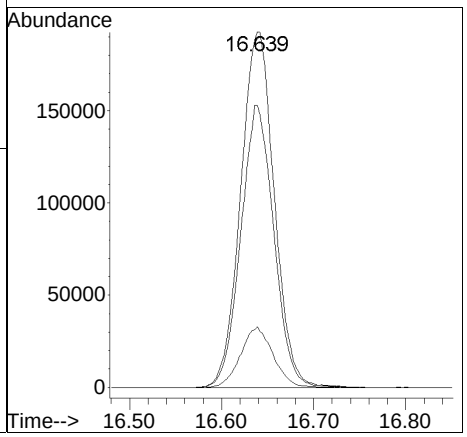


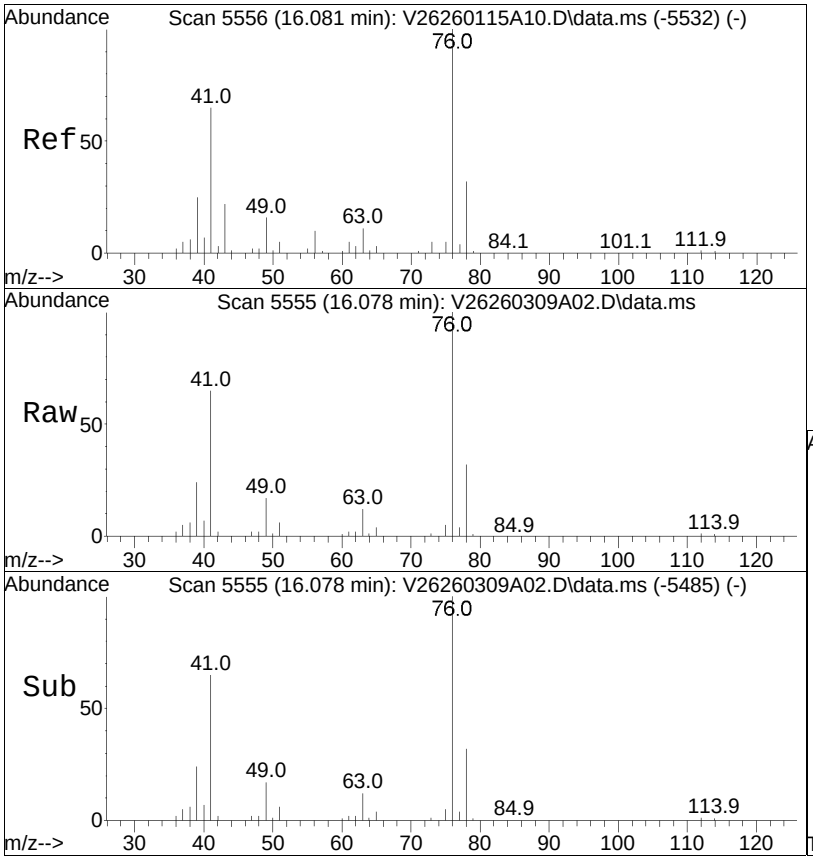


#76
Chlorodibromomethane
Concen: 36.53 ug/L
RT: 16.639 min Scan# 5756
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:129 Resp: 489704

Ion	Ratio	Lower	Upper
129	100		
81	16.4	0.0	35.0
127	77.7	57.6	97.6

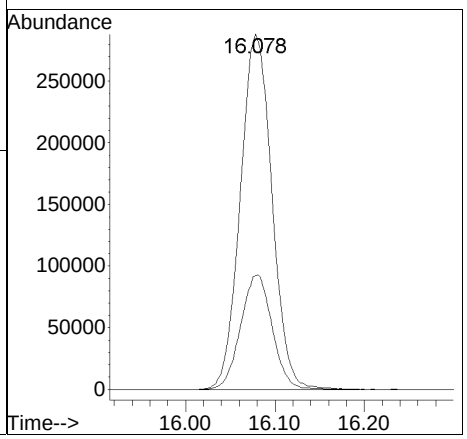


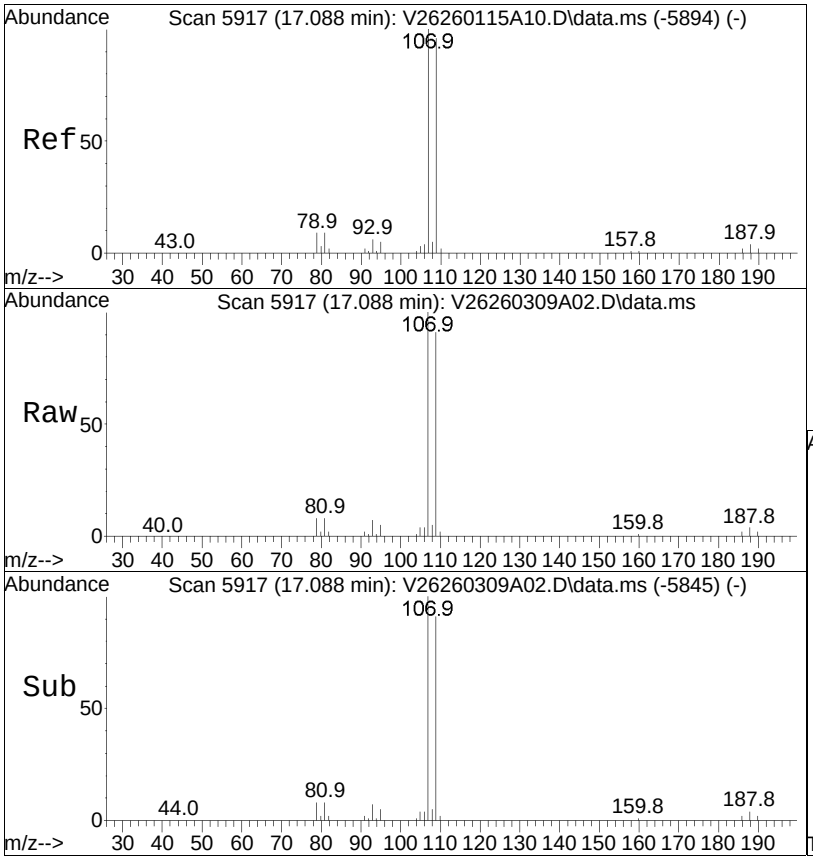


#77
1,3-Dichloropropane
Concen: 39.59 ug/L
RT: 16.078 min Scan# 5555
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 76 Resp: 708368

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.9	38.9

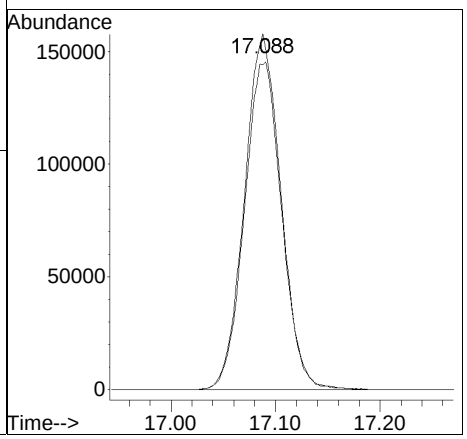


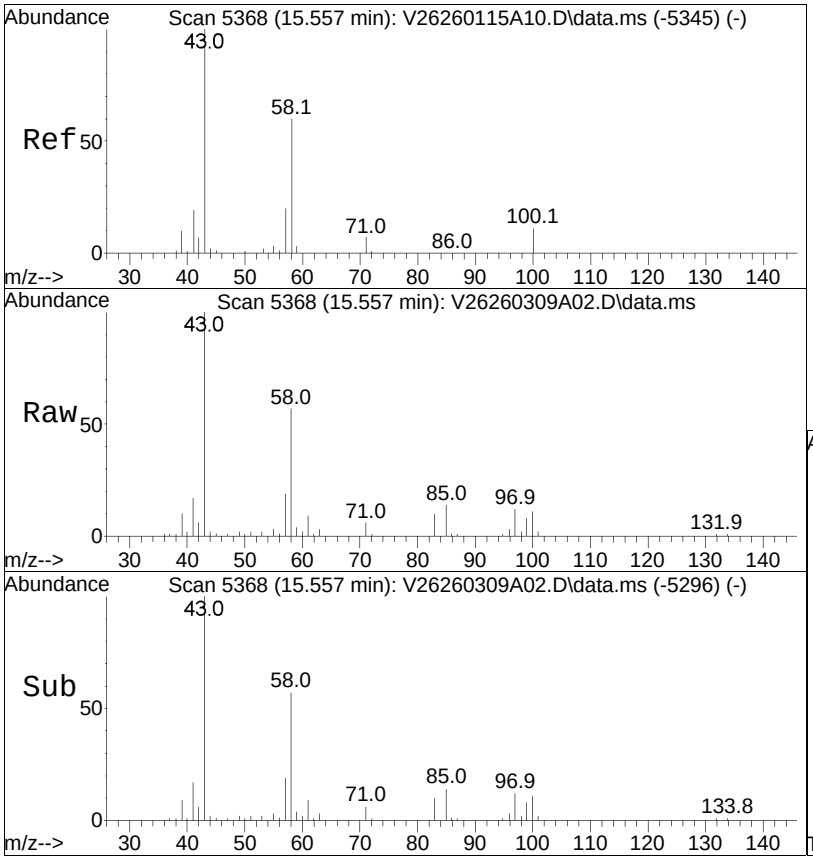


#78
1,2-Dibromoethane
Concen: 38.18 ug/L
RT: 17.088 min Scan# 5917
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:107 Resp: 382602

Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.5	113.3

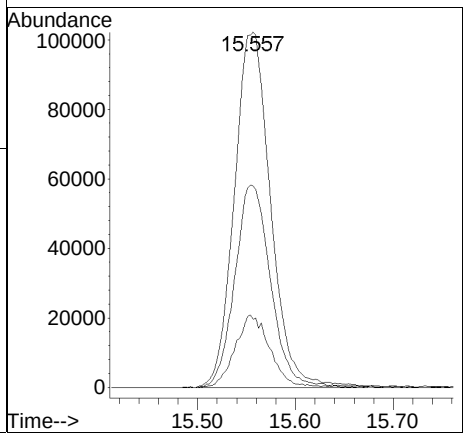


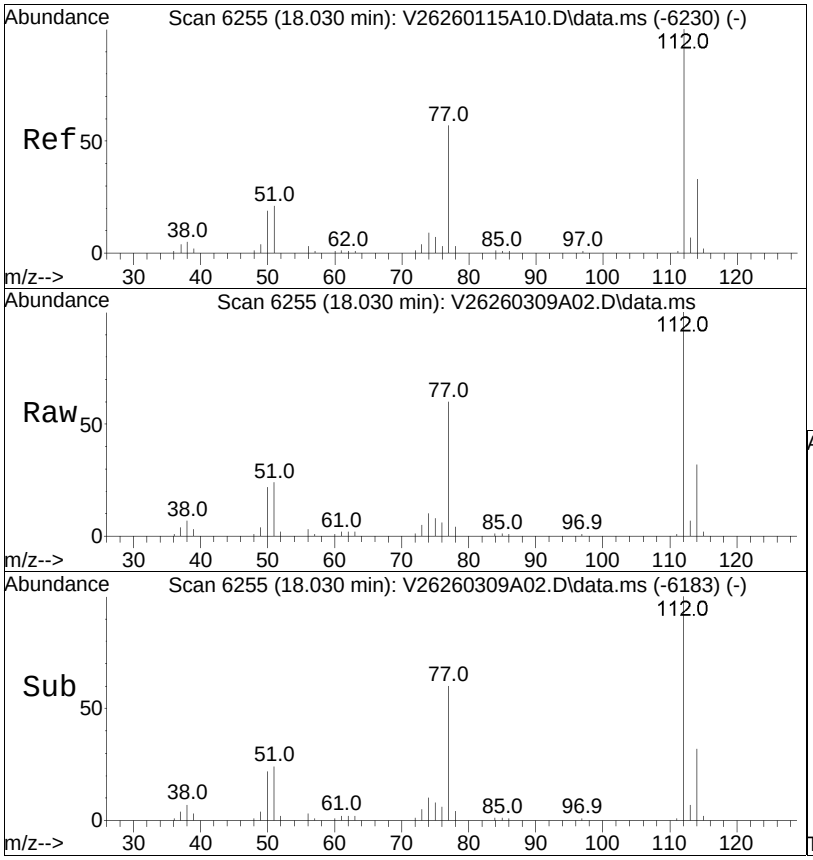


#80
2-Hexanone
Concen: 42.91 ug/L
RT: 15.557 min Scan# 5368
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 43 Resp: 263671

Ion	Ratio	Lower	Upper
43	100		
58	56.4	43.2	64.8
57	19.4	14.8	22.2

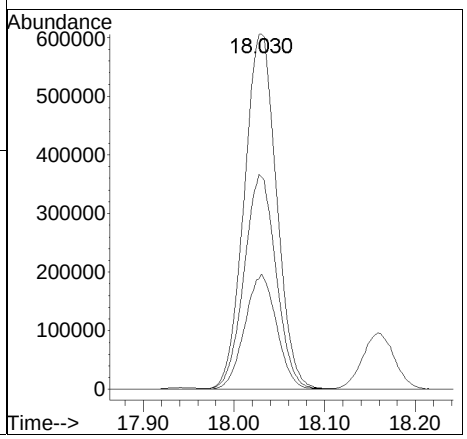


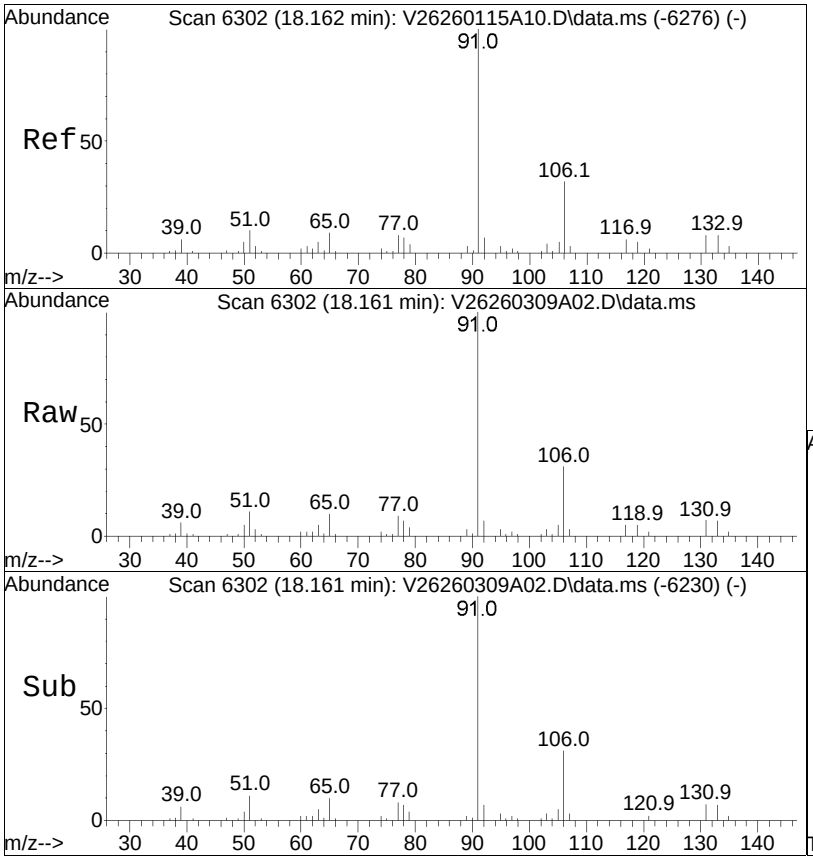


#82
Chlorobenzene
Concen: 38.43 ug/L
RT: 18.030 min Scan# 6255
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:112 Resp: 1507995

Ion	Ratio	Lower	Upper
112	100		
77	59.2	46.1	69.1
114	31.9	26.3	39.5

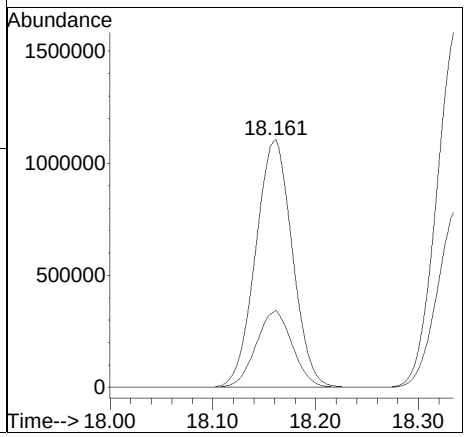


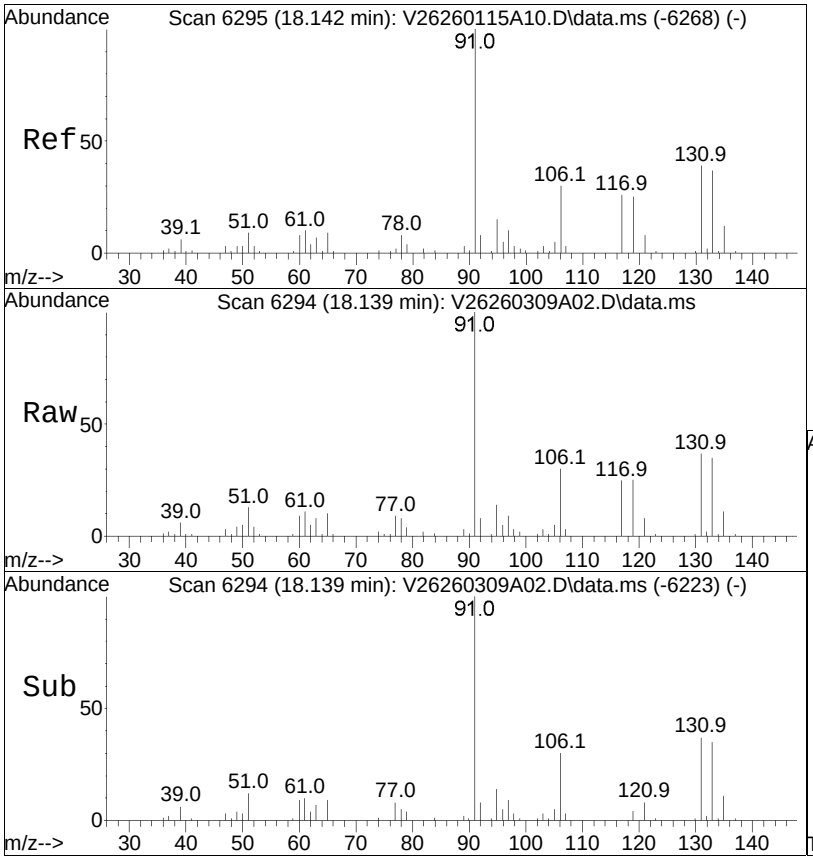


#83
Ethylbenzene
Concen: 40.35 ug/L
RT: 18.161 min Scan# 6302
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 91 Resp: 2749211

Ion	Ratio	Lower	Upper
91	100		
106	30.6	26.6	39.8

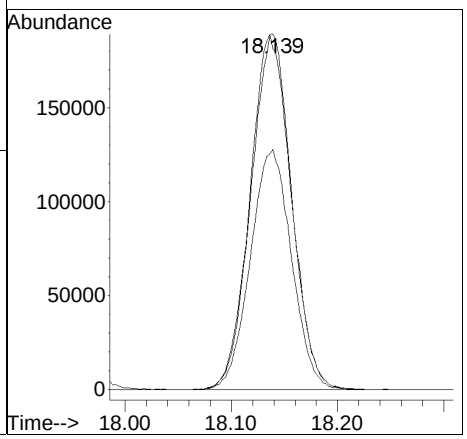


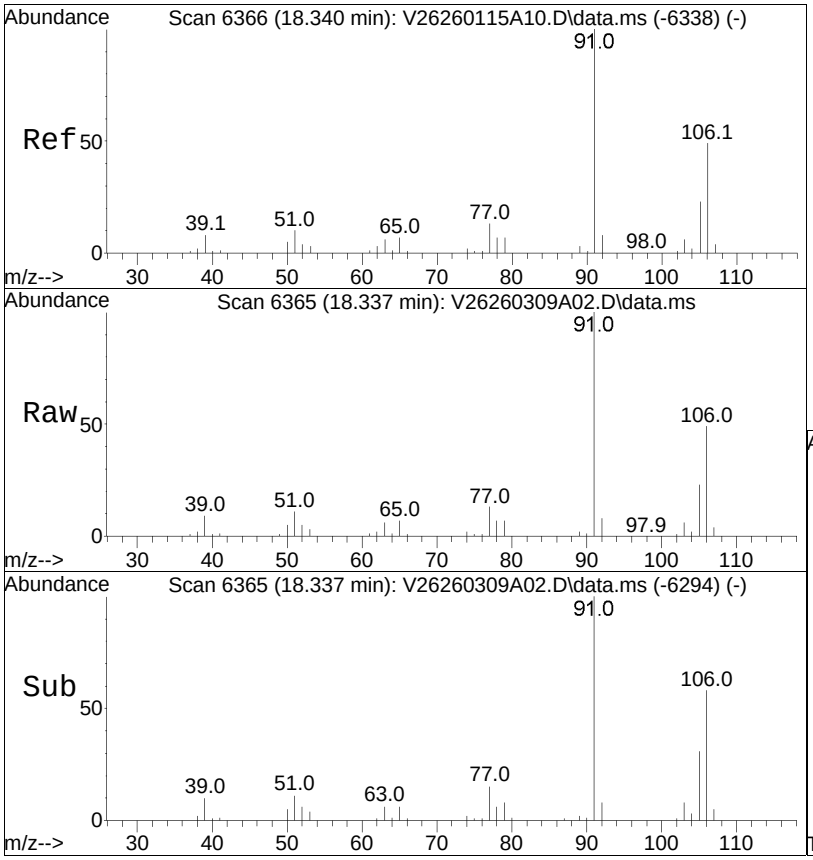


#84
1,1,1,2-Tetrachloroethane
Concen: 37.36 ug/L
RT: 18.139 min Scan# 6294
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:131 Resp: 516660

Ion	Ratio	Lower	Upper
131	100		
133	96.2	75.1	115.1
119	66.5	46.3	86.3

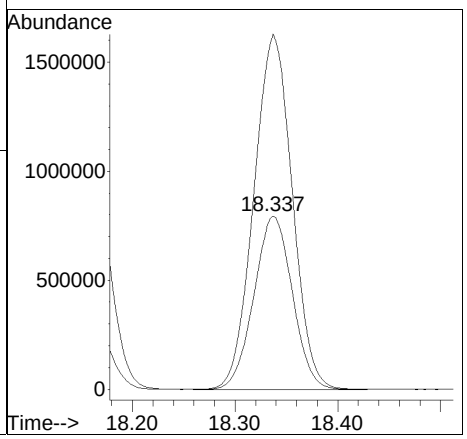


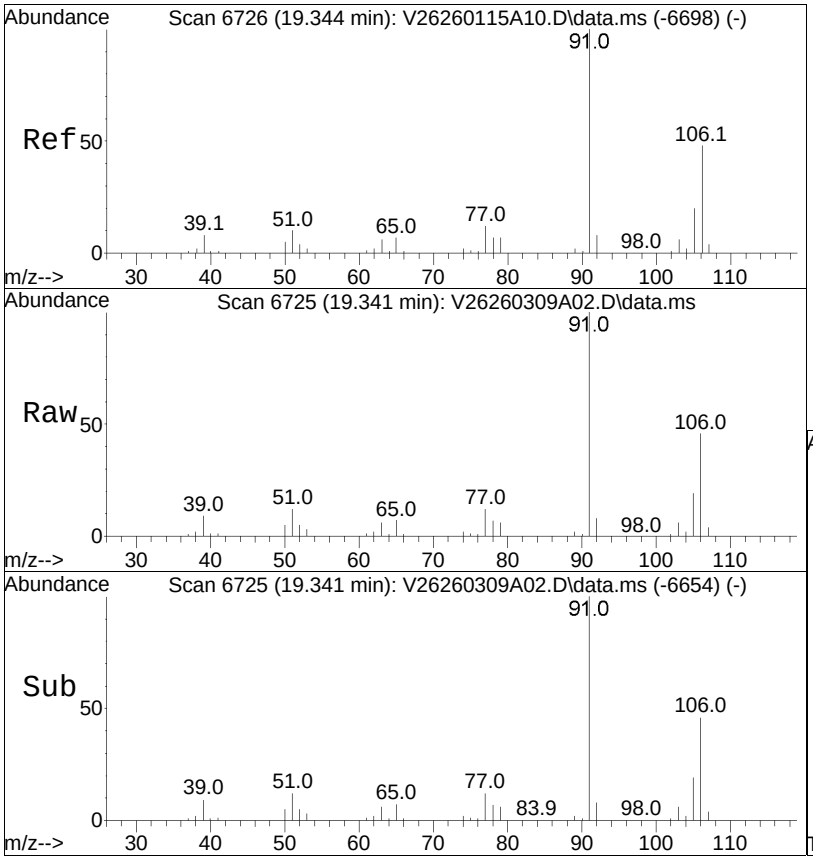


#85
p/m Xylene
Concen: 78.81 ug/L
RT: 18.337 min Scan# 6365
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:106 Resp: 2066554

Ion	Ratio	Lower	Upper
106	100		
91	204.2	147.9	221.9

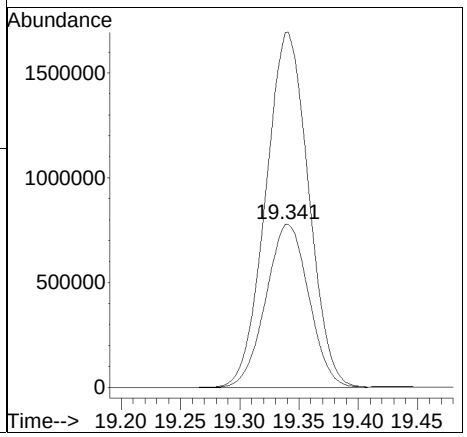


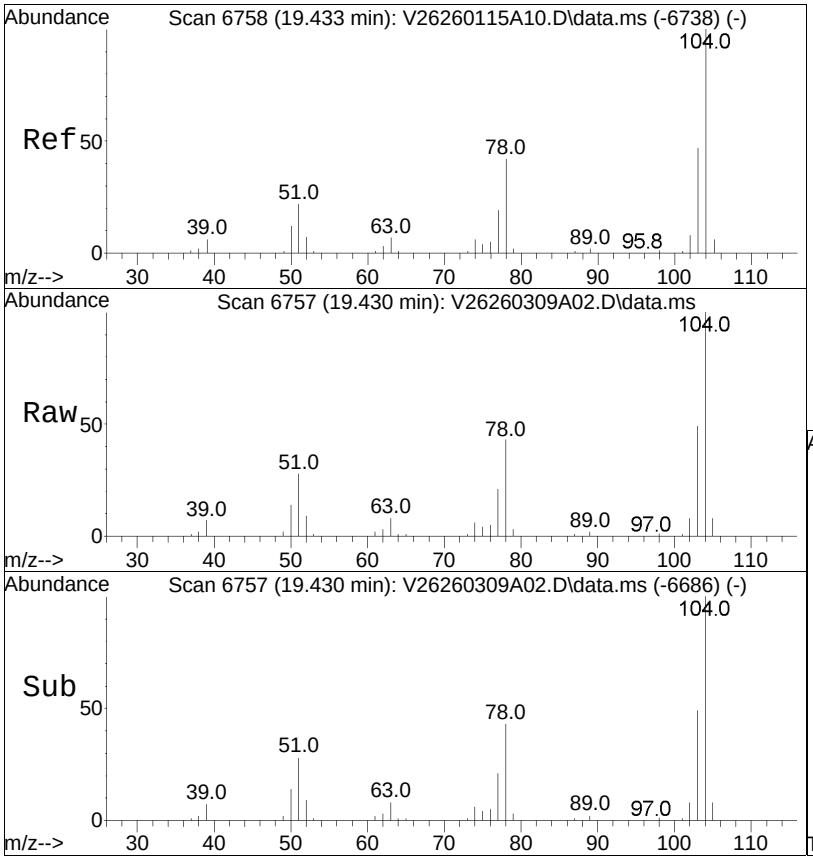


#86
o Xylene
Concen: 78.03 ug/L
RT: 19.341 min Scan# 6725
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:106 Resp: 1962649

Ion	Ratio	Lower	Upper
106	100		
91	217.0	155.0	232.6

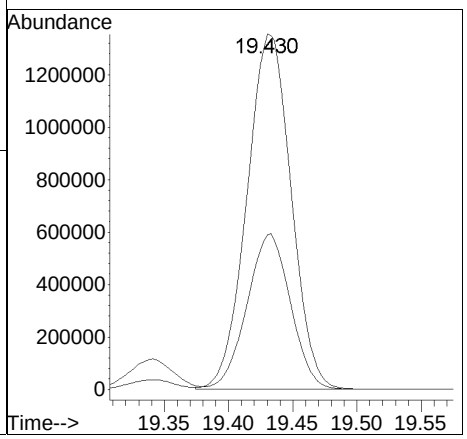


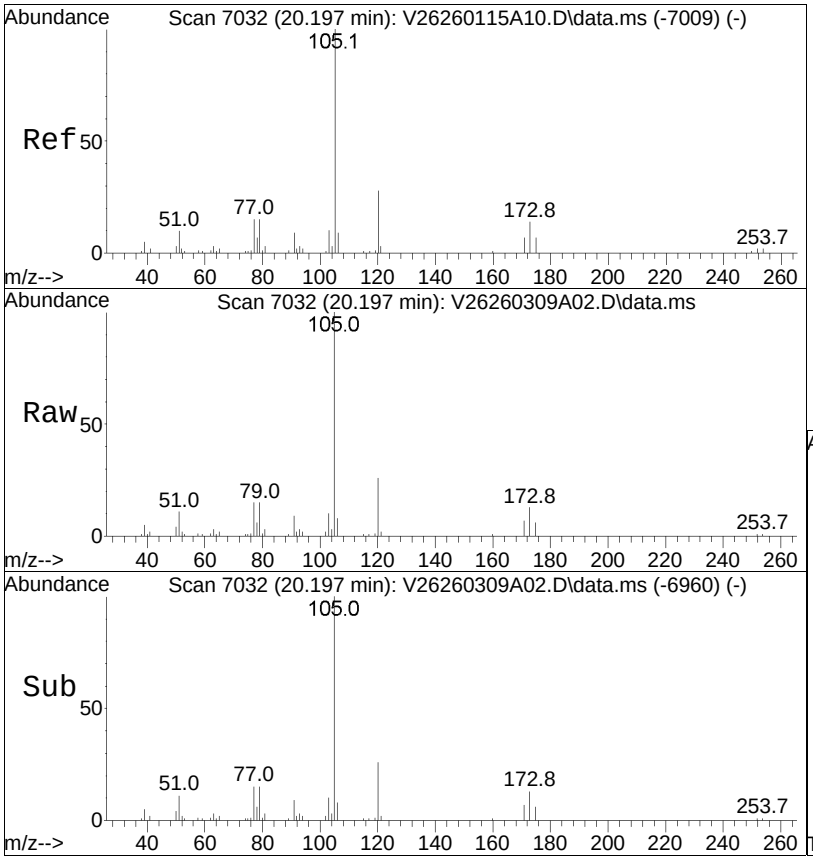


#87
Styrene
Concen: 78.05 ug/L
RT: 19.430 min Scan# 6757
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:104 Resp: 3245032

Ion	Ratio	Lower	Upper
104	100		
78	43.0	36.0	54.0

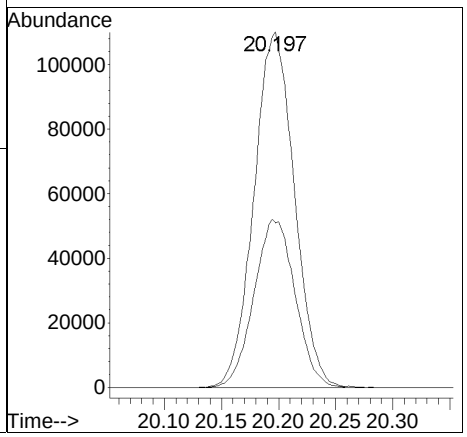


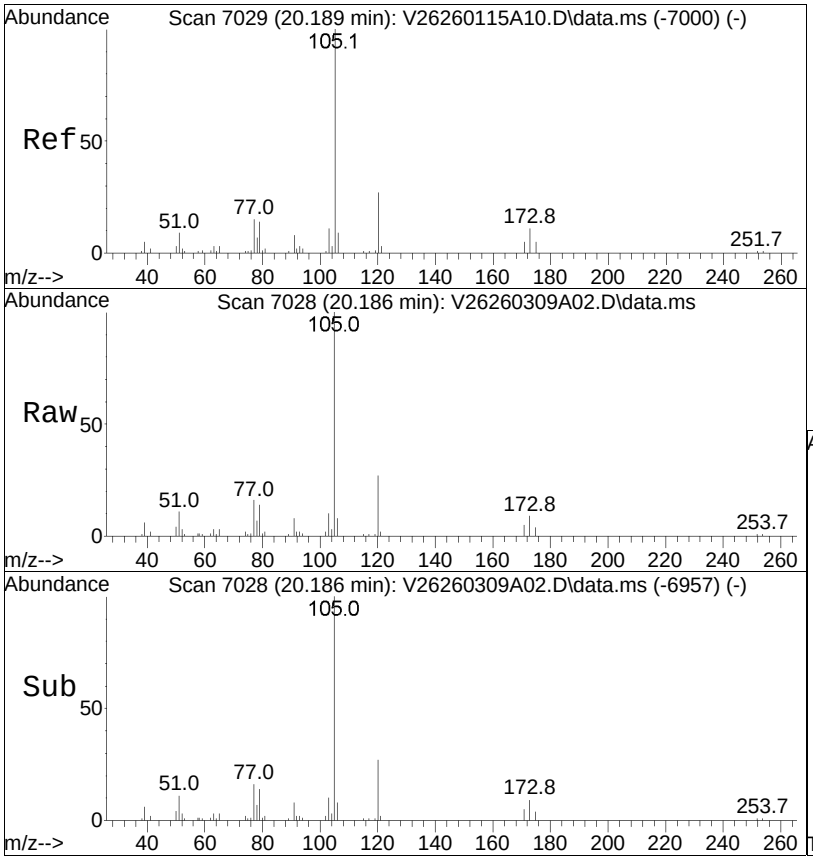


#89
Bromoform
Concen: 35.86 ug/L
RT: 20.197 min Scan# 7032
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:173 Resp: 271028

Ion	Ratio	Lower	Upper
173	100		
175	48.1	28.7	68.7

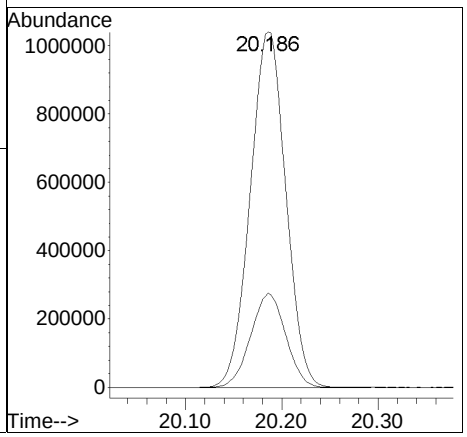


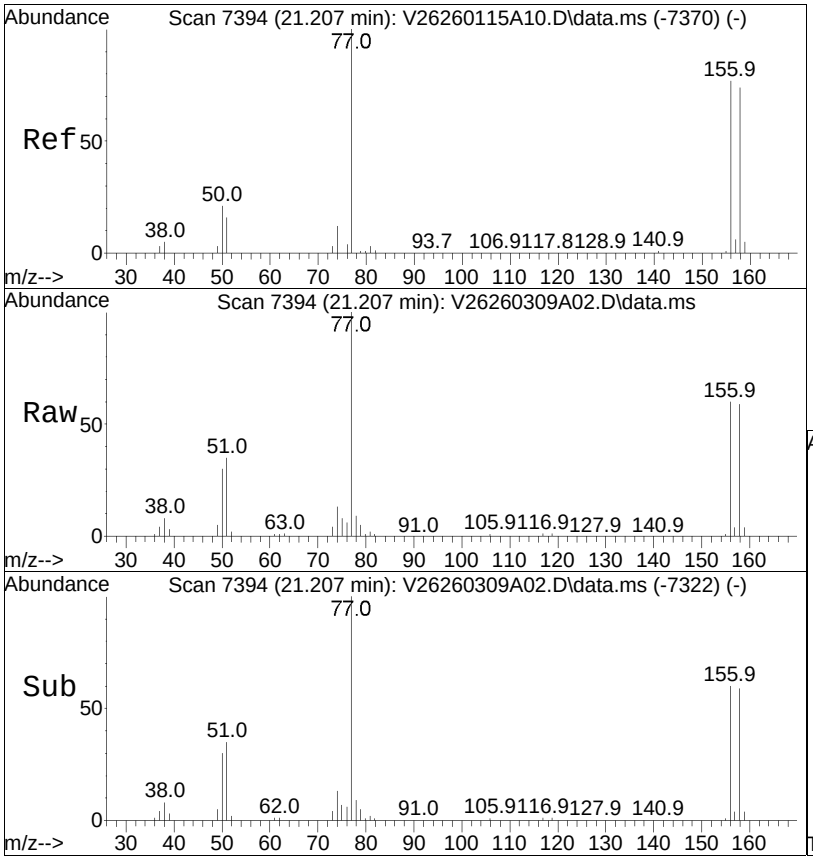


#91
Isopropylbenzene
Concen: 42.57 ug/L
RT: 20.186 min Scan# 7028
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:105 Resp: 2666993

Ion	Ratio	Lower	Upper
105	100		
120	26.1	8.4	48.4

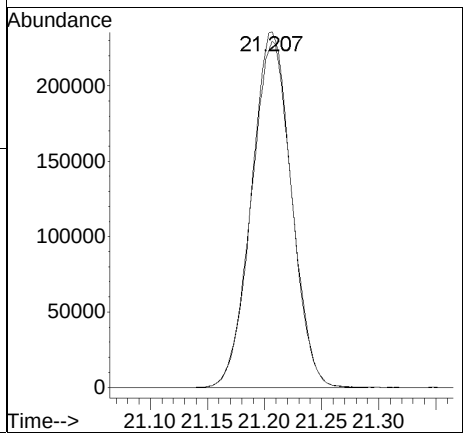


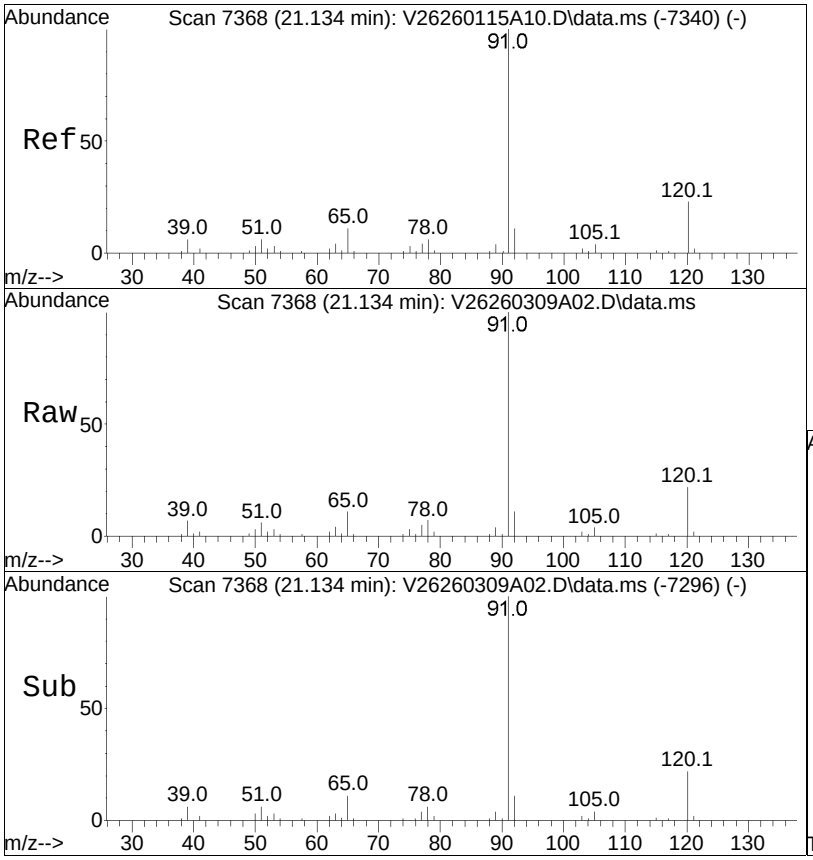


#93
Bromobenzene
Concen: 38.06 ug/L
RT: 21.207 min Scan# 7394
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:156 Resp: 575436

Ion	Ratio	Lower	Upper
156	100		
158	97.1	77.4	116.2

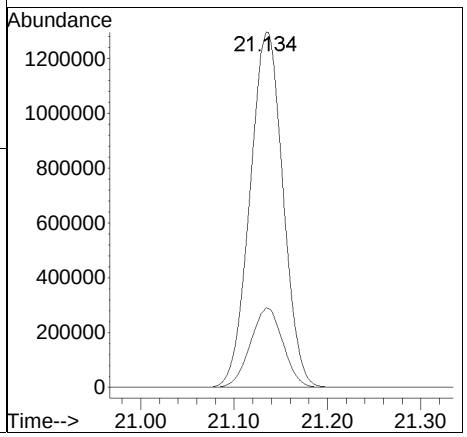


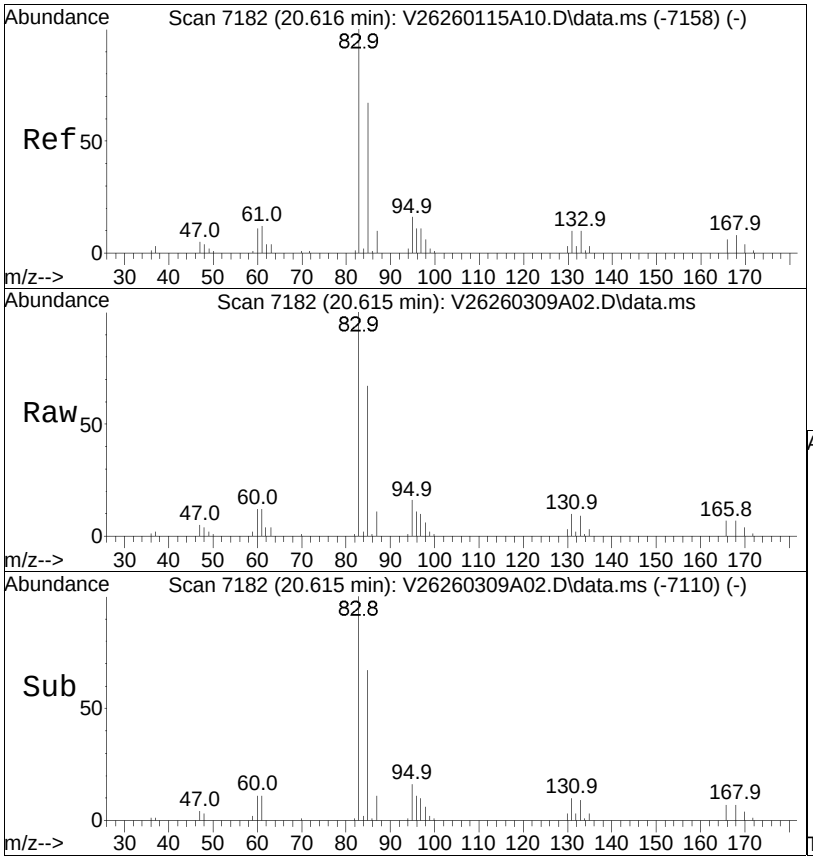


#95
n-Propylbenzene
Concen: 43.63 ug/L
RT: 21.134 min Scan# 7368
Delta R.T. 0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 91 Resp: 3186695

Ion	Ratio	Lower	Upper
91	100		
120	22.1	19.9	29.9

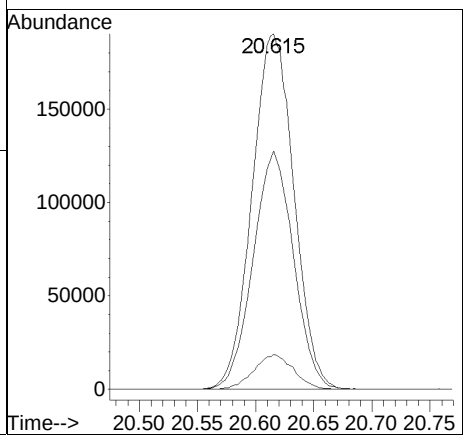


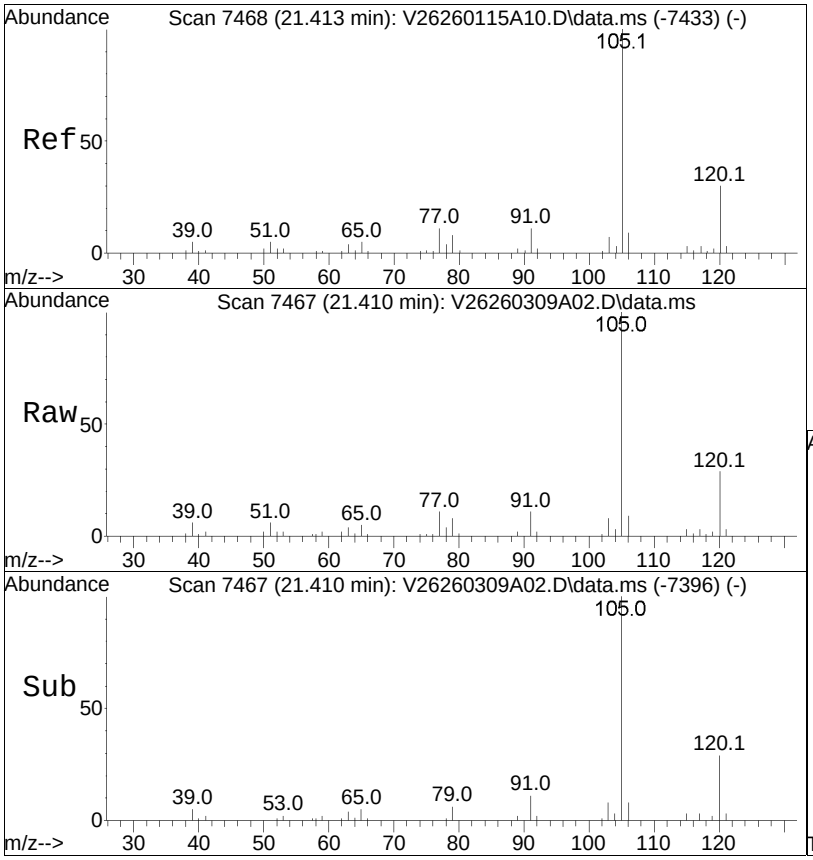


#97
1,1,2,2-Tetrachloroethane
Concen: 41.35 ug/L
RT: 20.615 min Scan# 7182
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 83 Resp: 477101

Ion	Ratio	Lower	Upper
83	100		
131	9.3	0.0	30.3
85	64.7	44.5	84.5

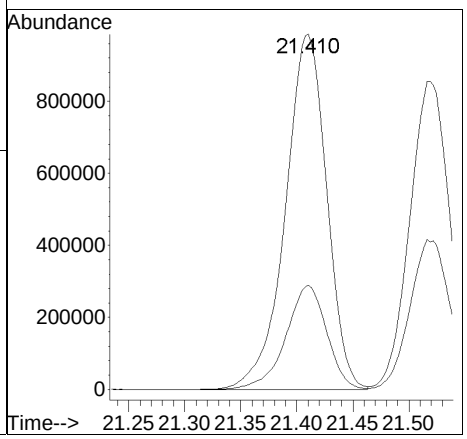


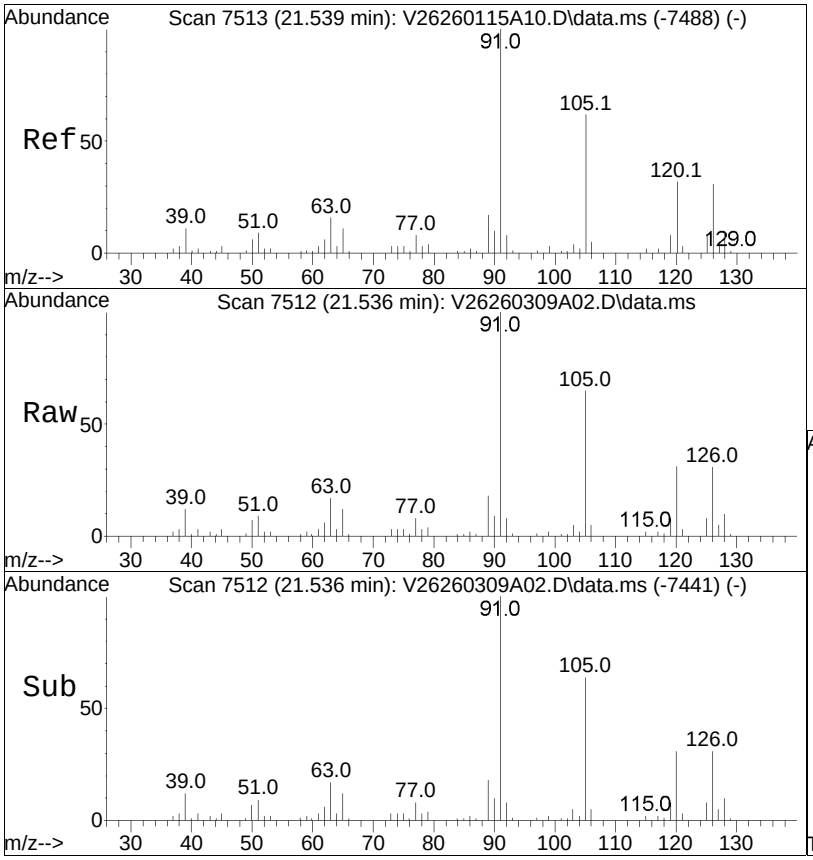


#98
4-Ethyltoluene
Concen: 42.42 ug/L
RT: 21.410 min Scan# 7467
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:105 Resp: 2529497

Ion	Ratio	Lower	Upper
105	100		
120	29.0	20.5	42.5

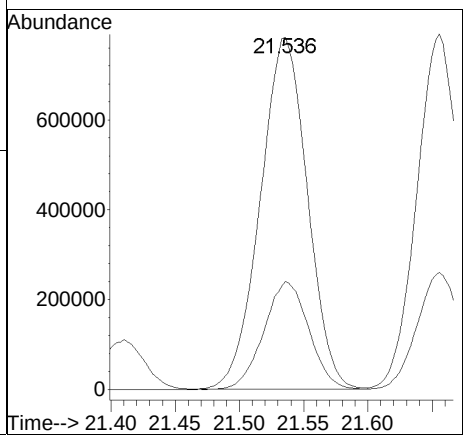


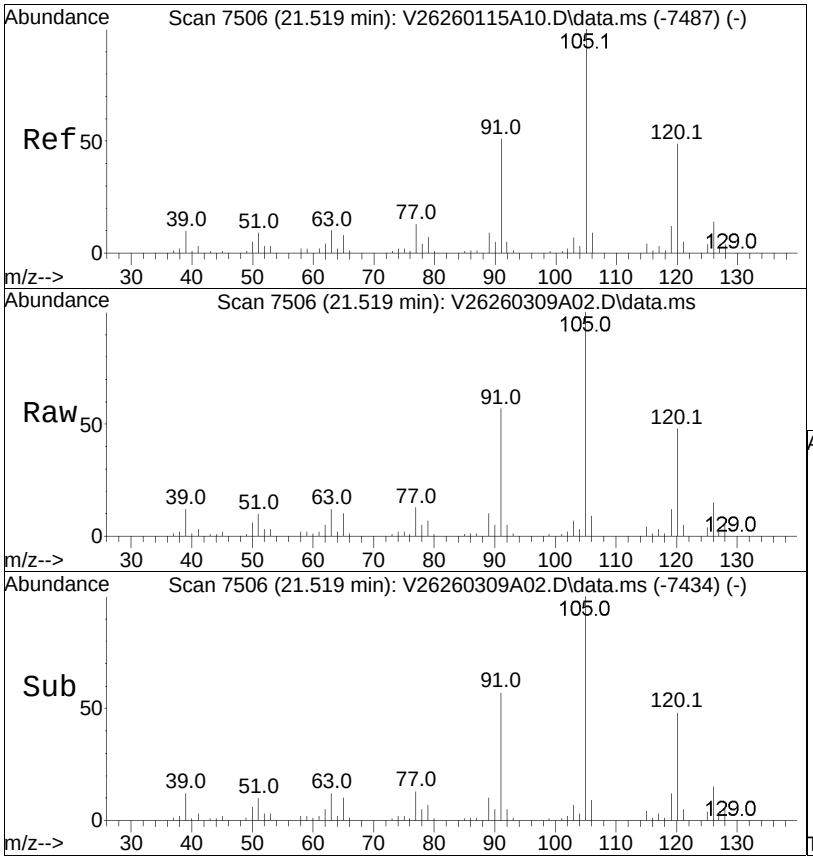


#99
2-Chlorotoluene
Concen: 41.54 ug/L
RT: 21.536 min Scan# 7512
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 91 Resp: 1997007

Ion	Ratio	Lower	Upper
91	100		
126	29.3	25.4	38.0

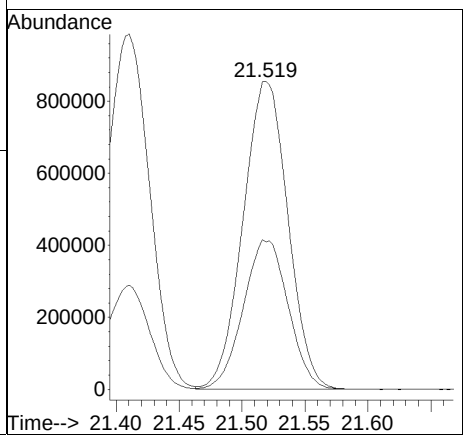


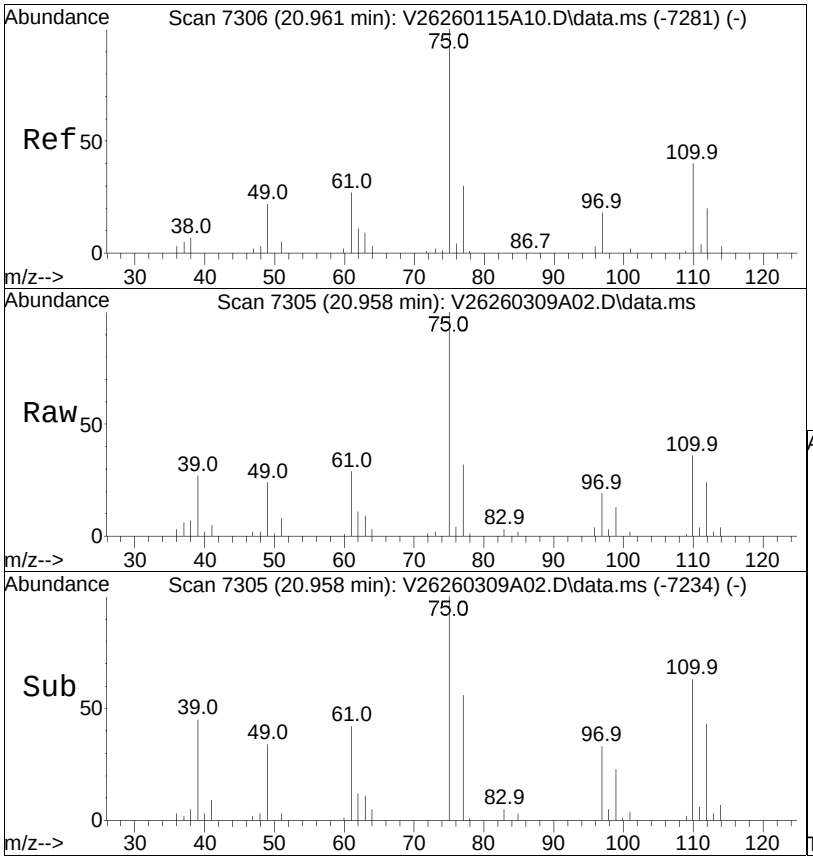


#100
1,3,5-Trimethylbenzene
Concen: 41.79 ug/L
RT: 21.519 min Scan# 7506
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:105 Resp: 2125475

Ion	Ratio	Lower	Upper
105	100		
120	48.6	41.4	62.0

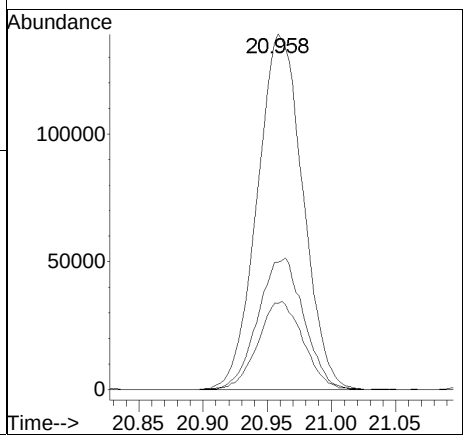


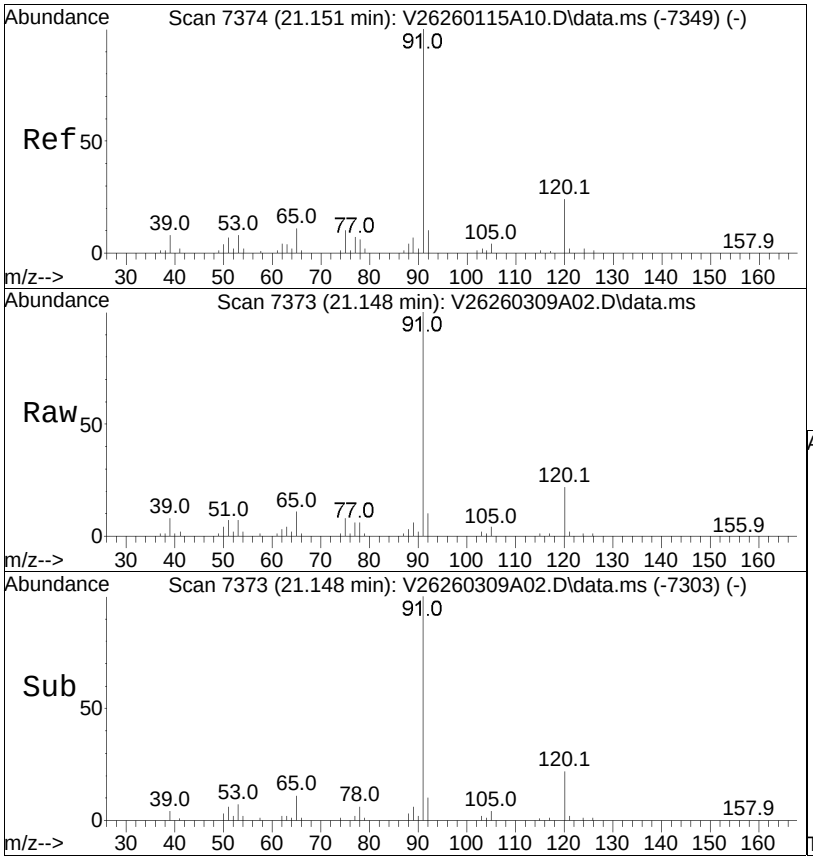


#101
1,2,3-Trichloropropane
Concen: 40.68 ug/L
RT: 20.958 min Scan# 7305
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 75 Resp: 343045

Ion	Ratio	Lower	Upper
75	100		
110	37.2	25.8	53.6
112	24.5	16.4	34.0

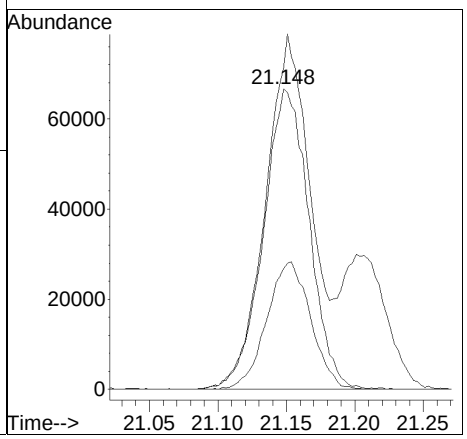


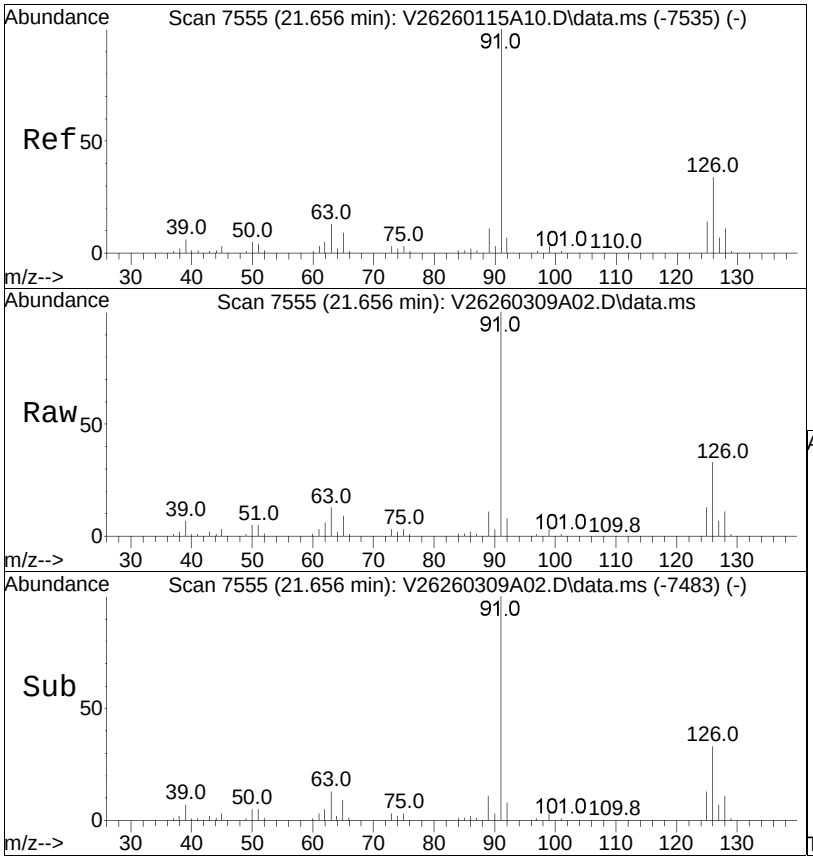


#102
trans-1,4-Dichloro-2-butene
Concen: 43.09 ug/L
RT: 21.148 min Scan# 7373
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 53 Resp: 155020

Ion	Ratio	Lower	Upper
53	100		
88	40.7	37.4	56.0
75	116.8	103.8	155.6

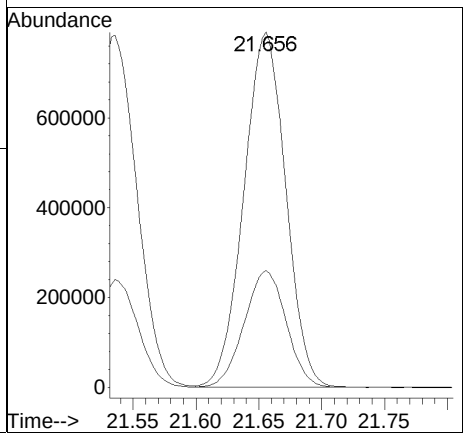


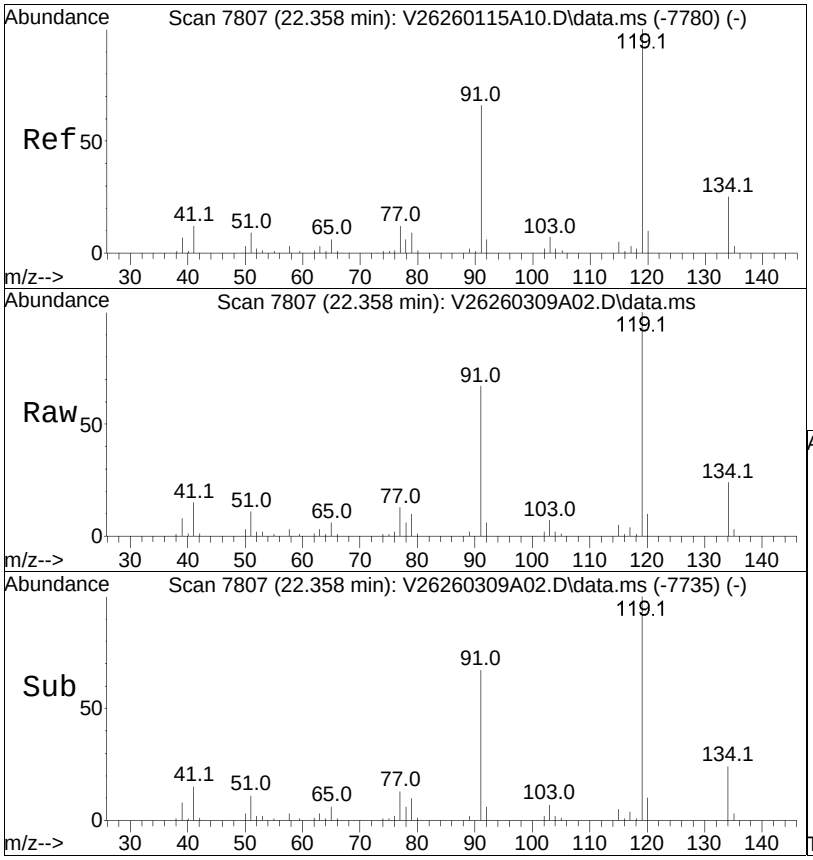


#103
4-Chlorotoluene
Concen: 40.77 ug/L
RT: 21.656 min Scan# 7555
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 91 Resp: 1832367

Ion	Ratio	Lower	Upper
91	100		
126	33.0	28.4	42.6

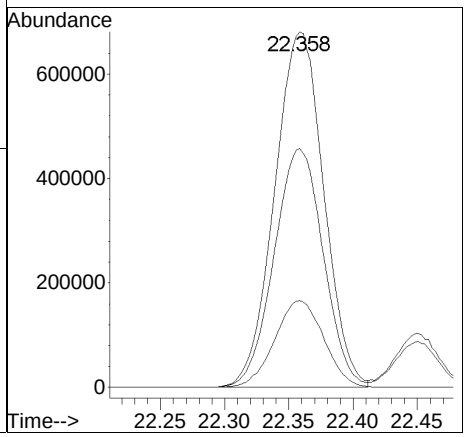


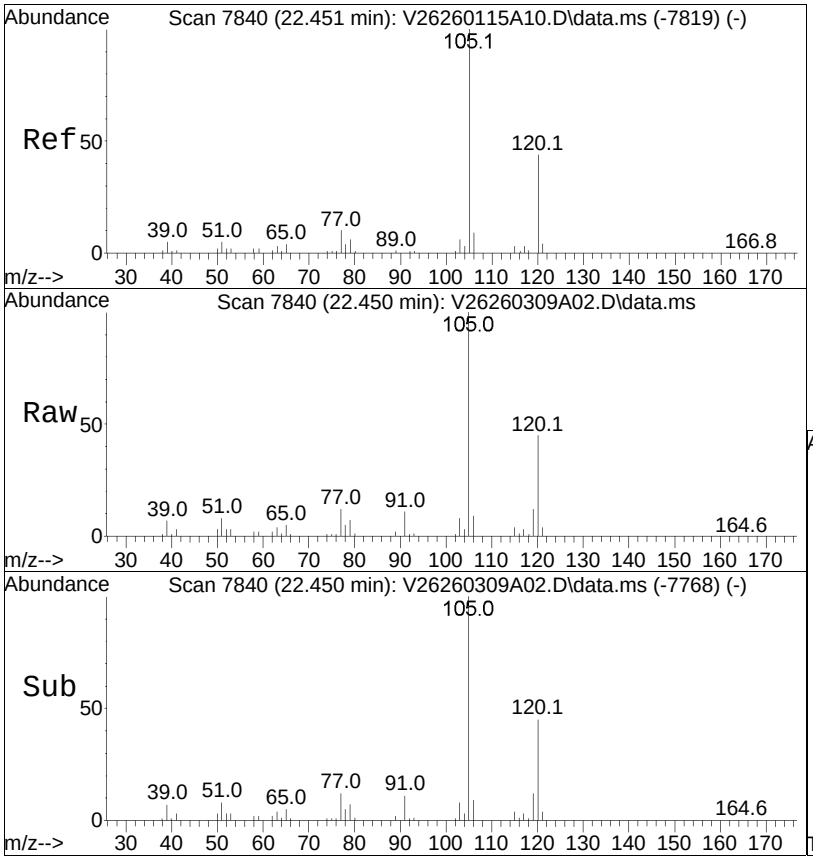


#104
tert-Butylbenzene
Concen: 41.24 ug/L
RT: 22.358 min Scan# 7807
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:119 Resp: 1814562

Ion	Ratio	Lower	Upper
119	100		
91	67.4	52.6	79.0
134	24.4	20.7	31.1

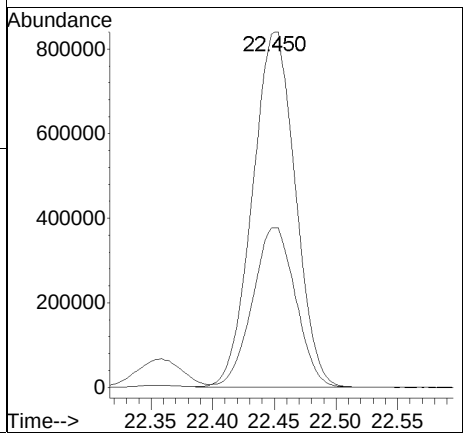


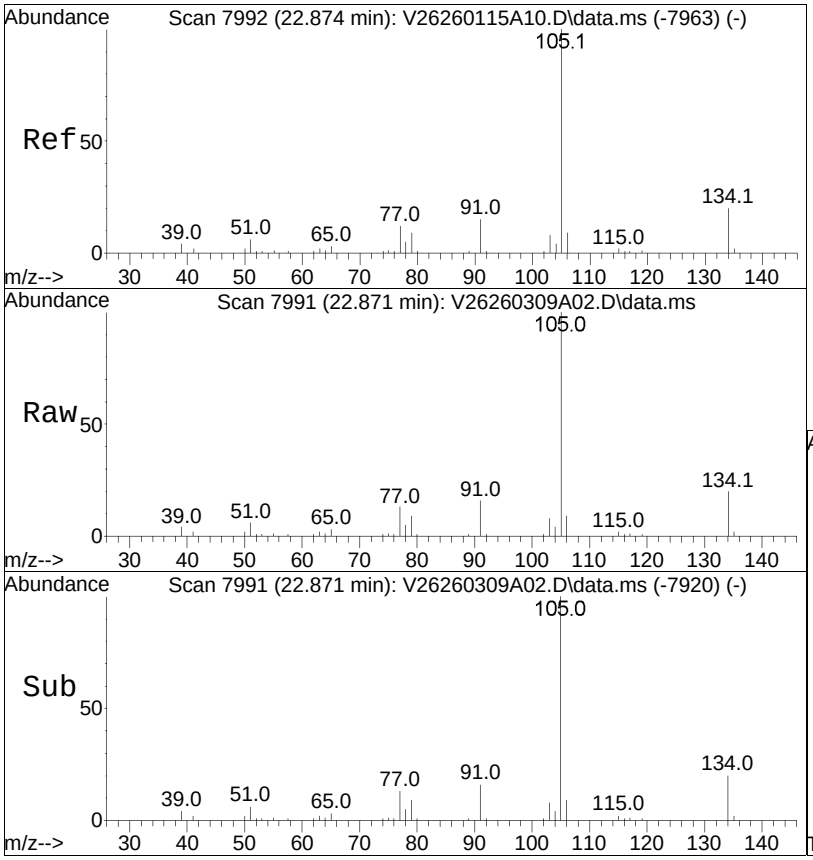


#107
1,2,4-Trimethylbenzene
Concen: 41.16 ug/L
RT: 22.450 min Scan# 7840
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:105 Resp: 2032220

Ion	Ratio	Lower	Upper
105	100		
120	45.3	38.7	58.1

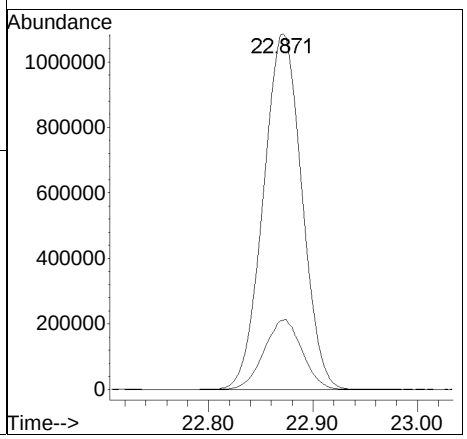


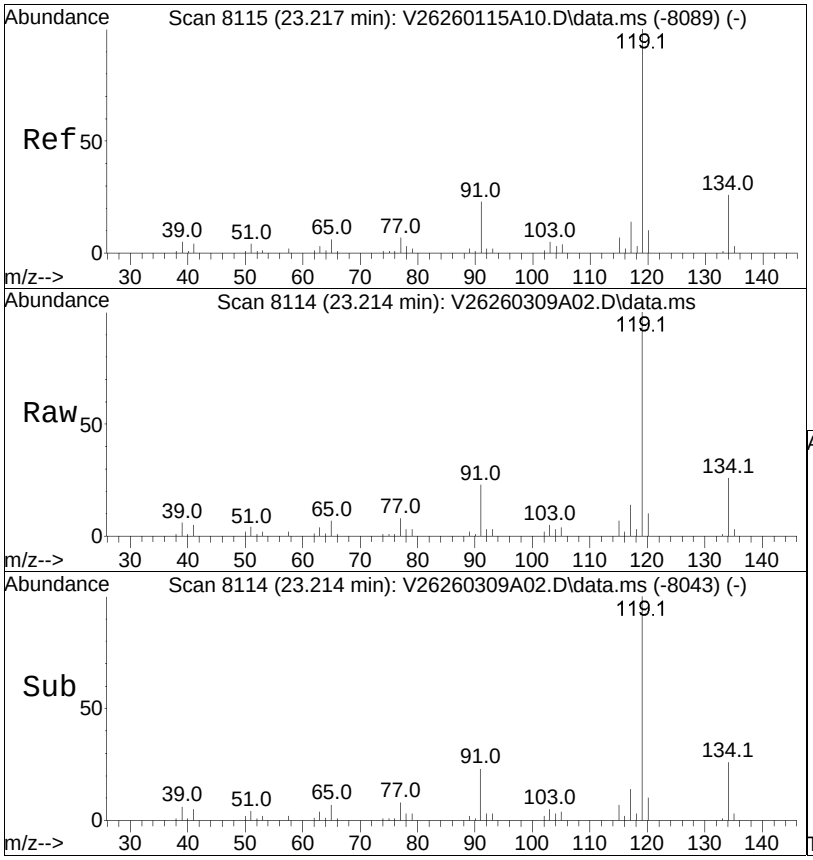


#109
sec-Butylbenzene
Concen: 43.07 ug/L
RT: 22.871 min Scan# 7991
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:105 Resp: 2780371

Ion	Ratio	Lower	Upper
105	100		
134	19.3	14.0	29.0

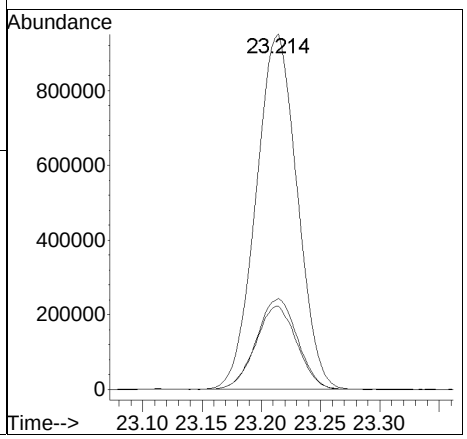


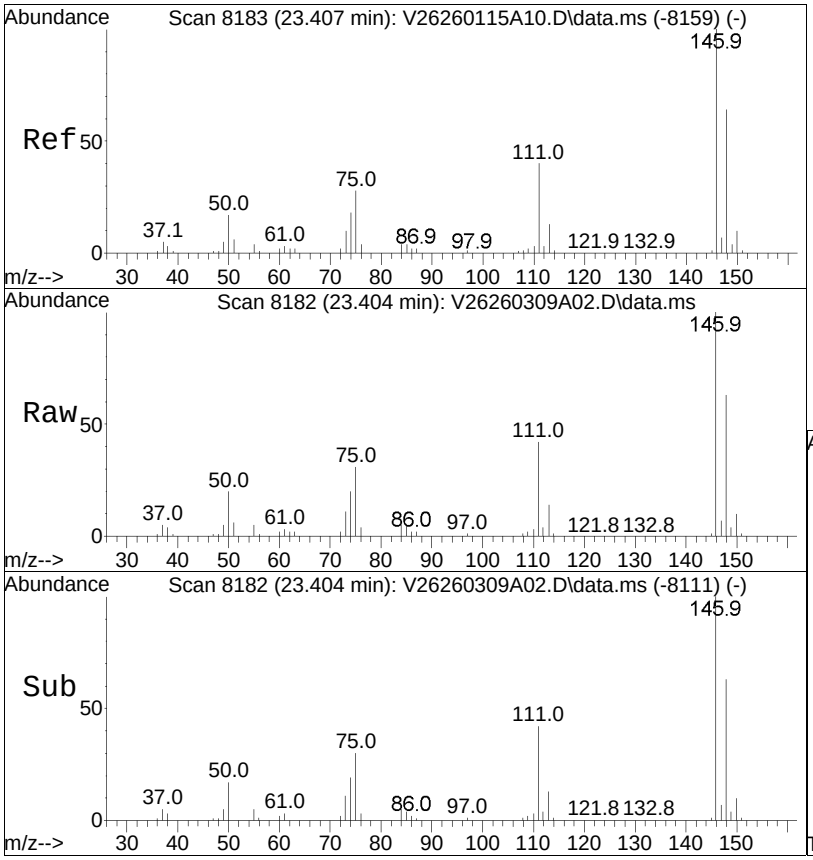


#110
p-Isopropyltoluene
Concen: 41.52 ug/L
RT: 23.214 min Scan# 8114
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:119 Resp: 2296233

Ion	Ratio	Lower	Upper
119	100		
134	25.7	18.0	37.4
91	23.6	15.3	31.9

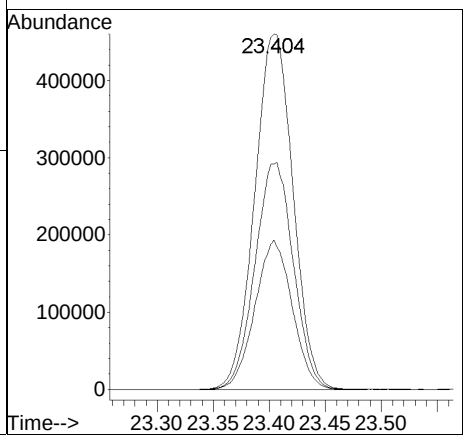


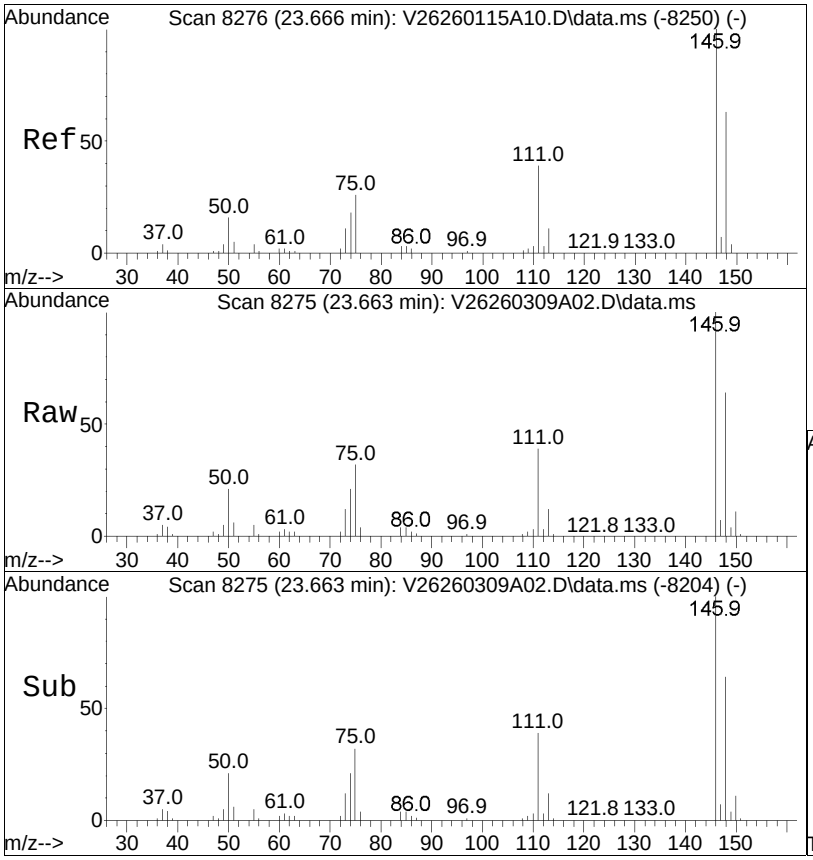


#111
1,3-Dichlorobenzene
Concen: 38.71 ug/L
RT: 23.404 min Scan# 8182
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:146 Resp: 1098383

Ion	Ratio	Lower	Upper
146	100		
111	40.8	26.4	54.8
148	63.9	41.7	86.5

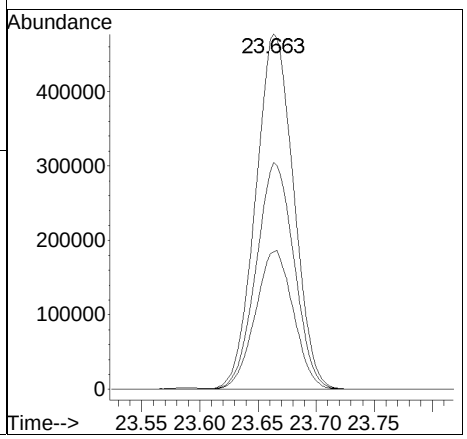


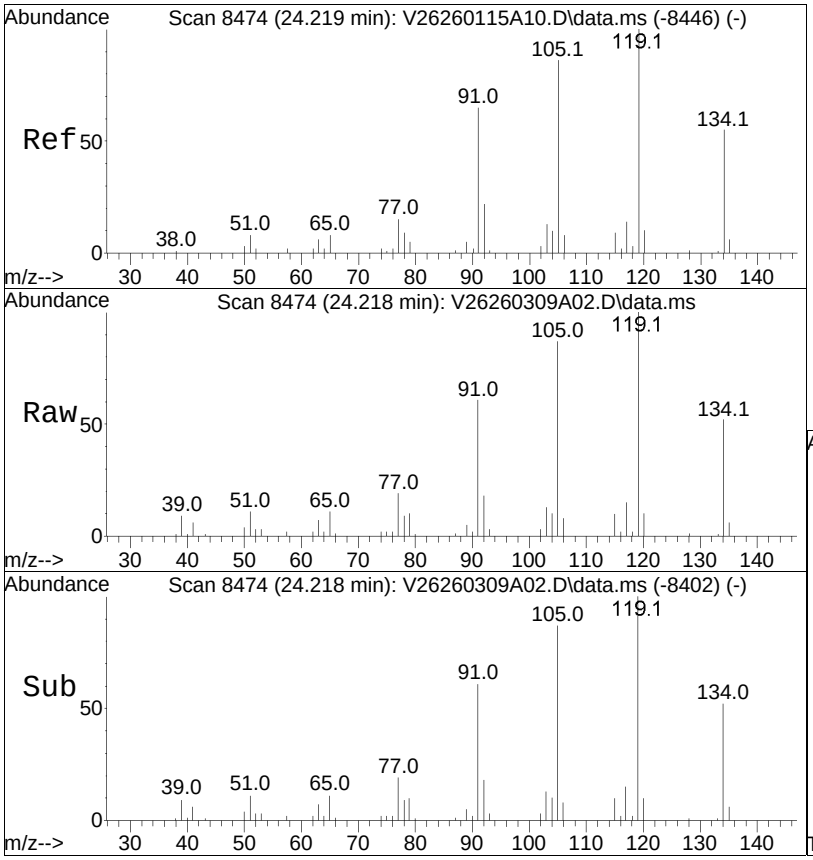


#112
1,4-Dichlorobenzene
Concen: 38.29 ug/L
RT: 23.663 min Scan# 8275
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:146 Resp: 1085603

Ion	Ratio	Lower	Upper
146	100		
111	39.1	31.2	46.8
148	63.5	51.4	77.0

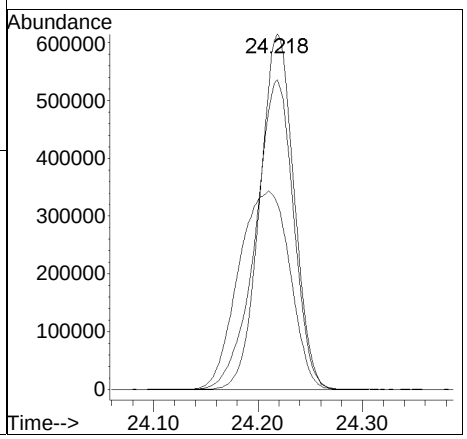


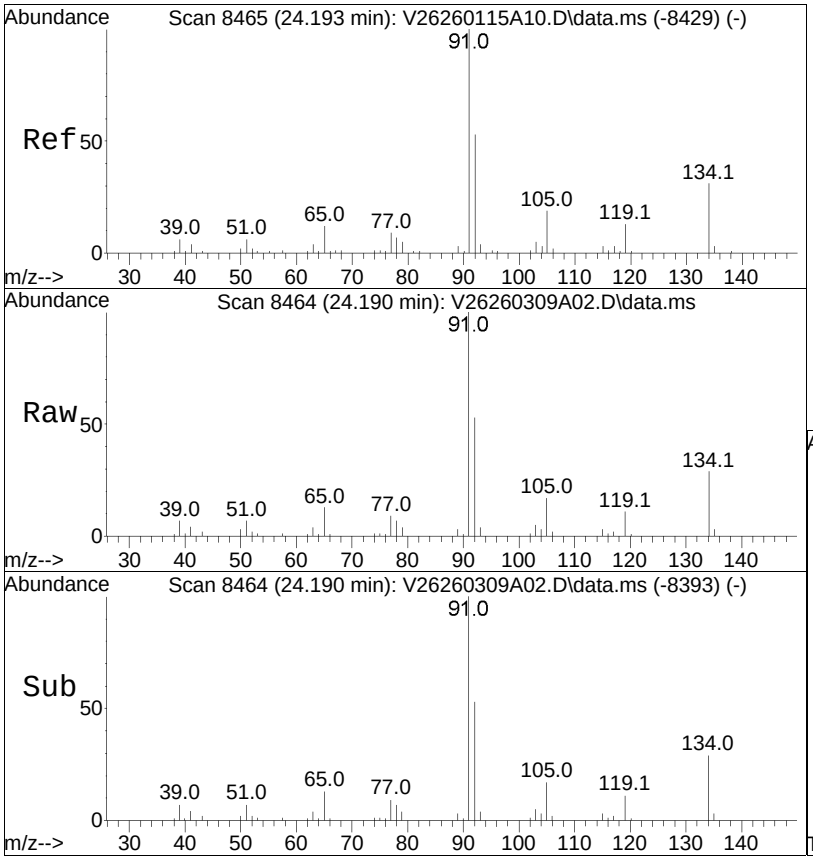


#115
p-Diethylbenzene
Concen: 41.77 ug/L
RT: 24.218 min Scan# 8474
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:119 Resp: 1399357

Ion	Ratio	Lower	Upper
119	100		
105	97.2	62.7	130.3
134	83.8	55.7	115.7

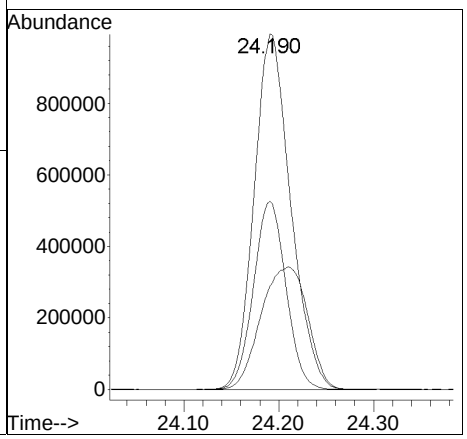


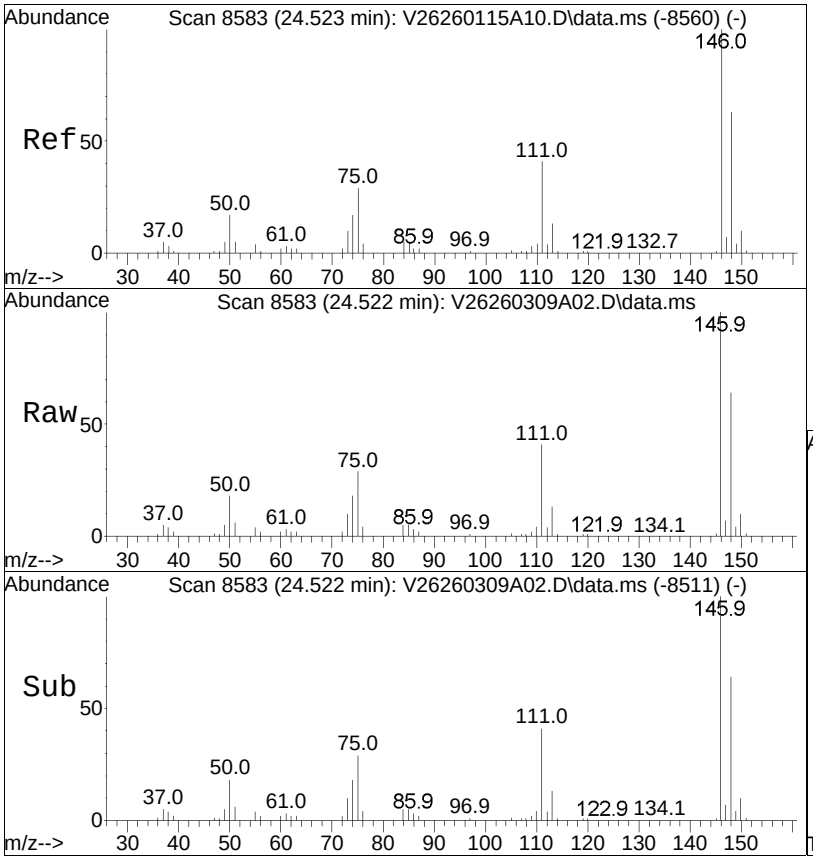


#116
n-Butylbenzene
Concen: 43.21 ug/L
RT: 24.190 min Scan# 8464
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion: 91 Resp: 2664925

Ion	Ratio	Lower	Upper
91	100		
92	47.1	38.2	57.4
134	44.0	39.1	58.7

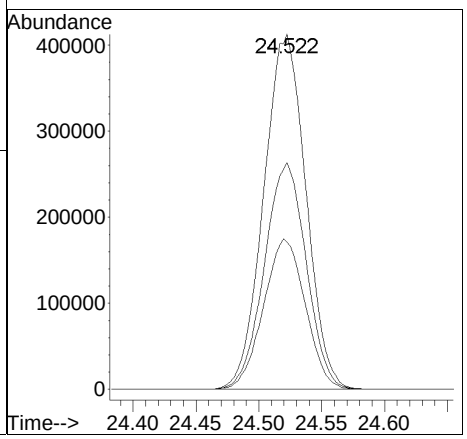


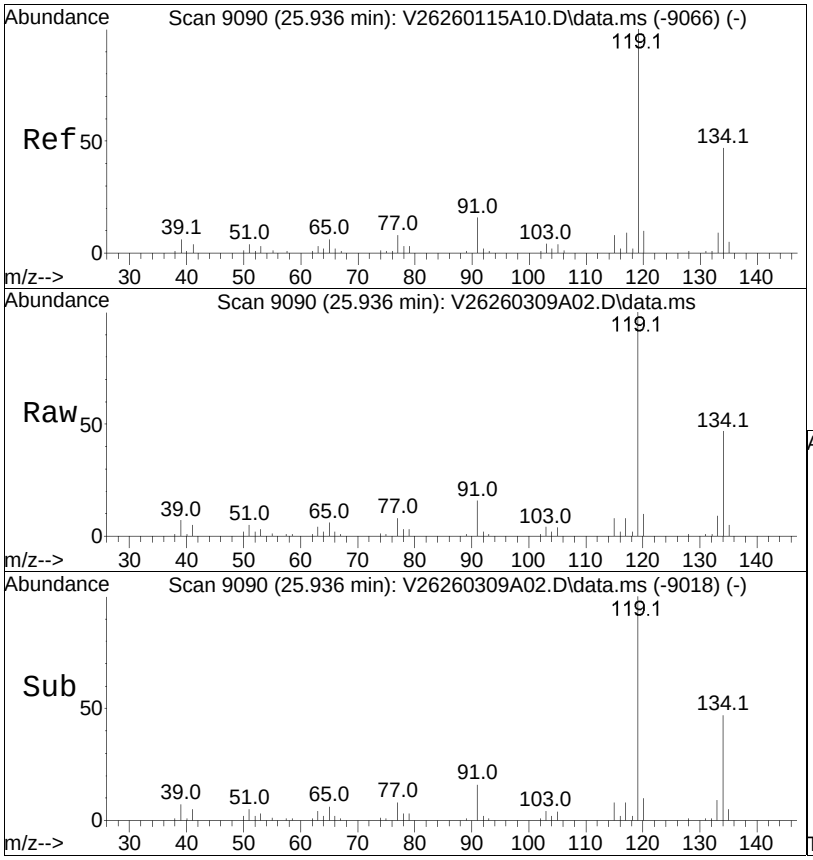


#118
1,2-Dichlorobenzene
Concen: 37.93 ug/L
RT: 24.522 min Scan# 8583
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:146 Resp: 962988

Ion	Ratio	Lower	Upper
146	100		
111	42.1	27.3	56.7
148	63.4	41.6	86.4

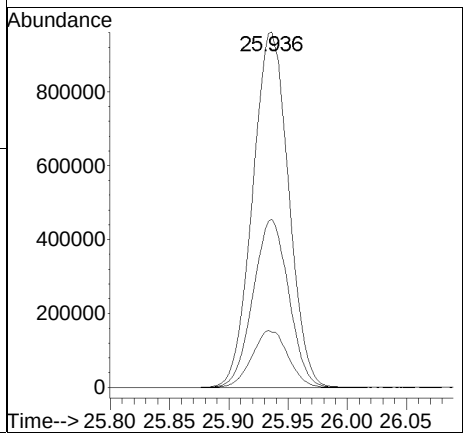


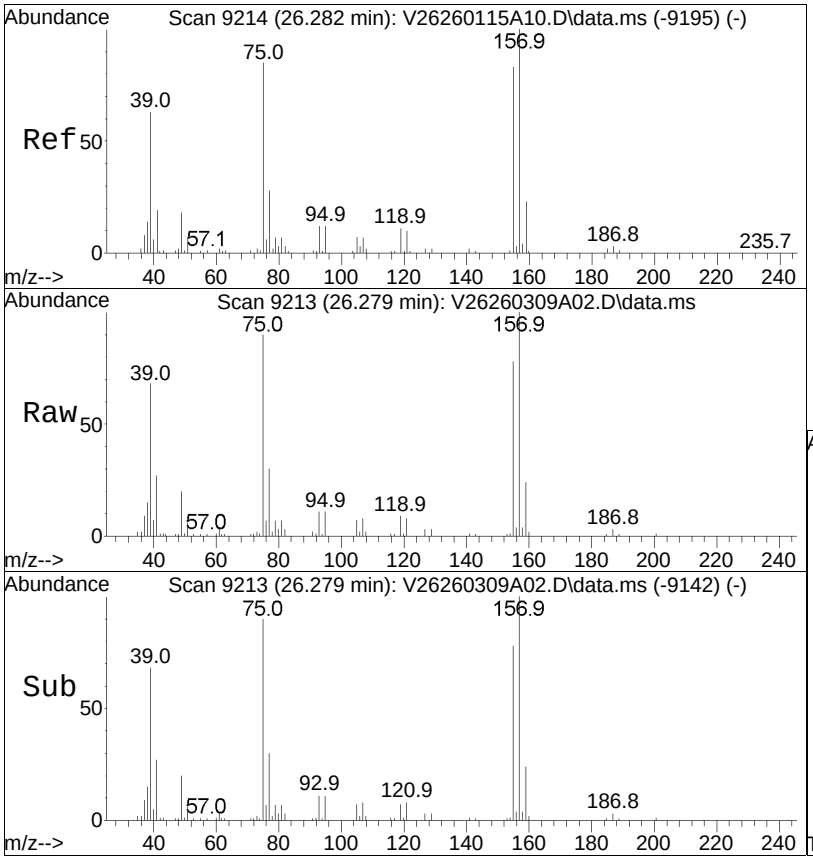


#120
1,2,4,5-Tetramethylbenzene
Concen: 41.81 ug/L
RT: 25.936 min Scan# 9090
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:119 Resp: 2029726

Ion	Ratio	Lower	Upper
119	100		
134	46.9	32.8	68.2
91	16.1	10.7	22.3

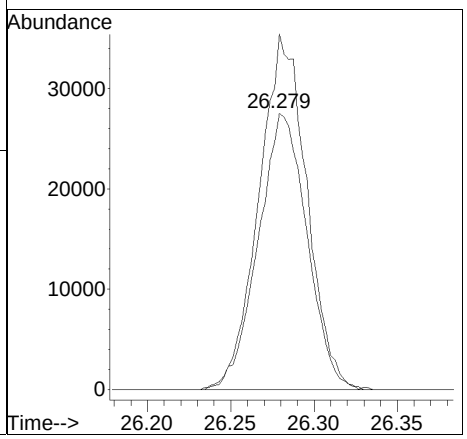


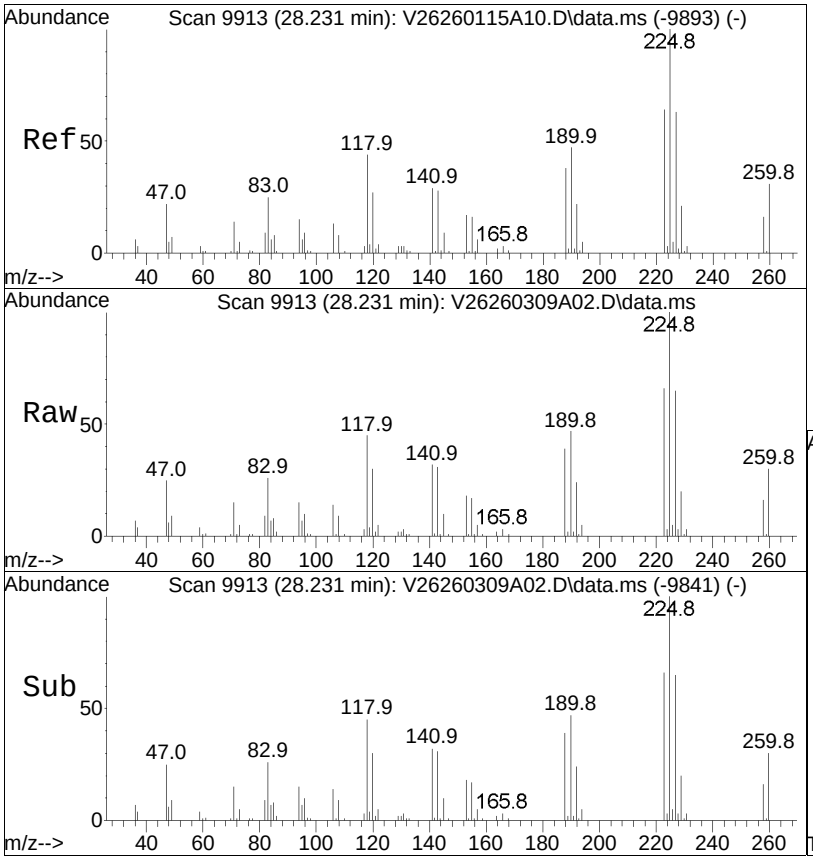


#121
1,2-Dibromo-3-chloropropane
Concen: 35.32 ug/L
RT: 26.279 min Scan# 9213
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:155 Resp: 55934

Ion	Ratio	Lower	Upper
155	100		
157	126.2	101.7	152.5

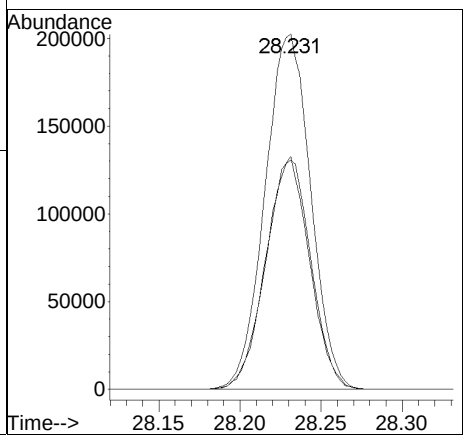


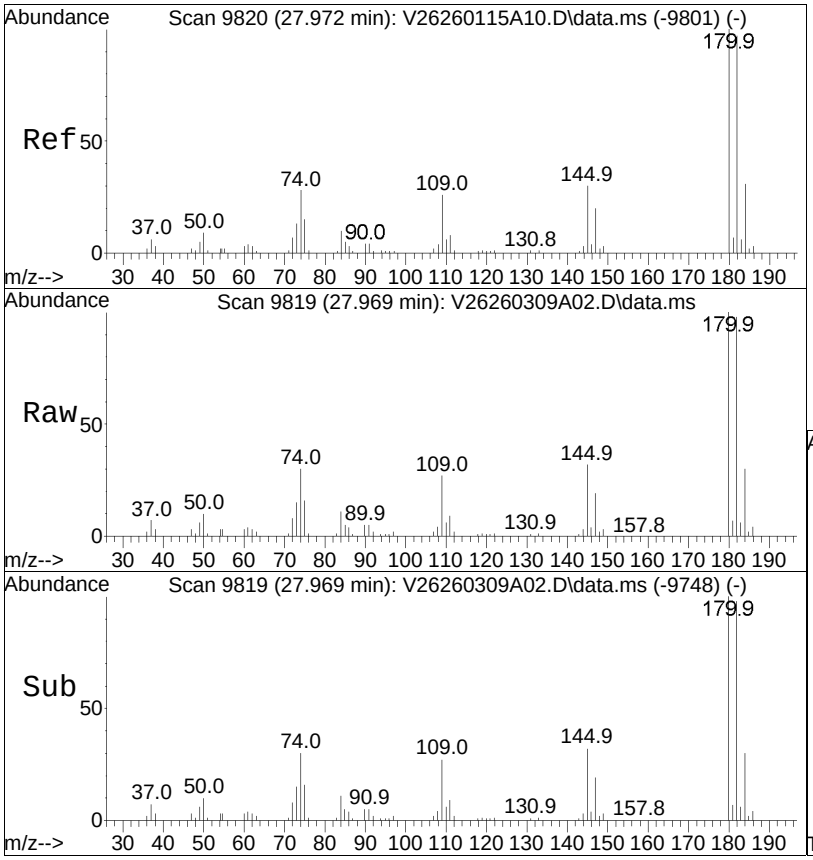


#124
Hexachlorobutadiene
Concen: 40.75 ug/L
RT: 28.231 min Scan# 9913
Delta R.T. -0.000 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:225 Resp: 397185

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	64.5	51.5	77.3

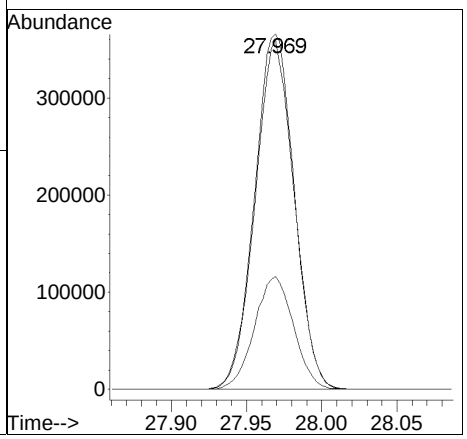


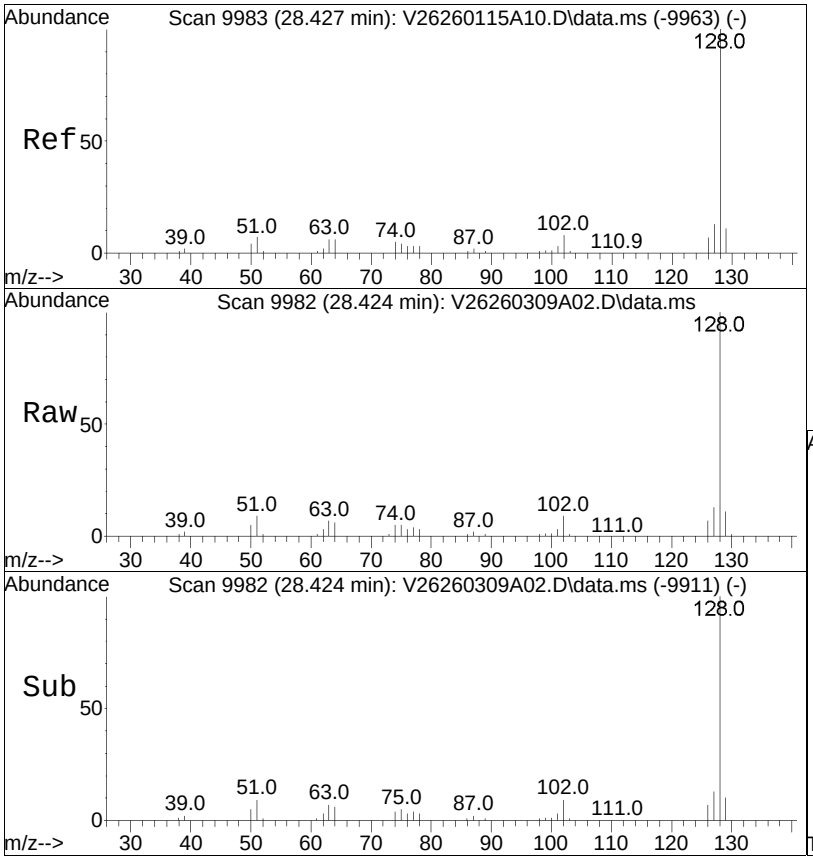


#125
1,2,4-Trichlorobenzene
Concen: 40.19 ug/L
RT: 27.969 min Scan# 9819
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:180 Resp: 674770

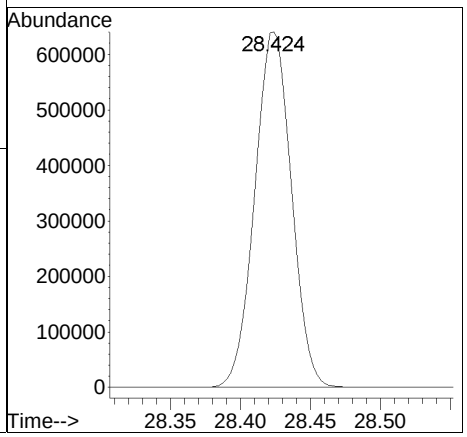
Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.8
145	31.2	25.8	38.8

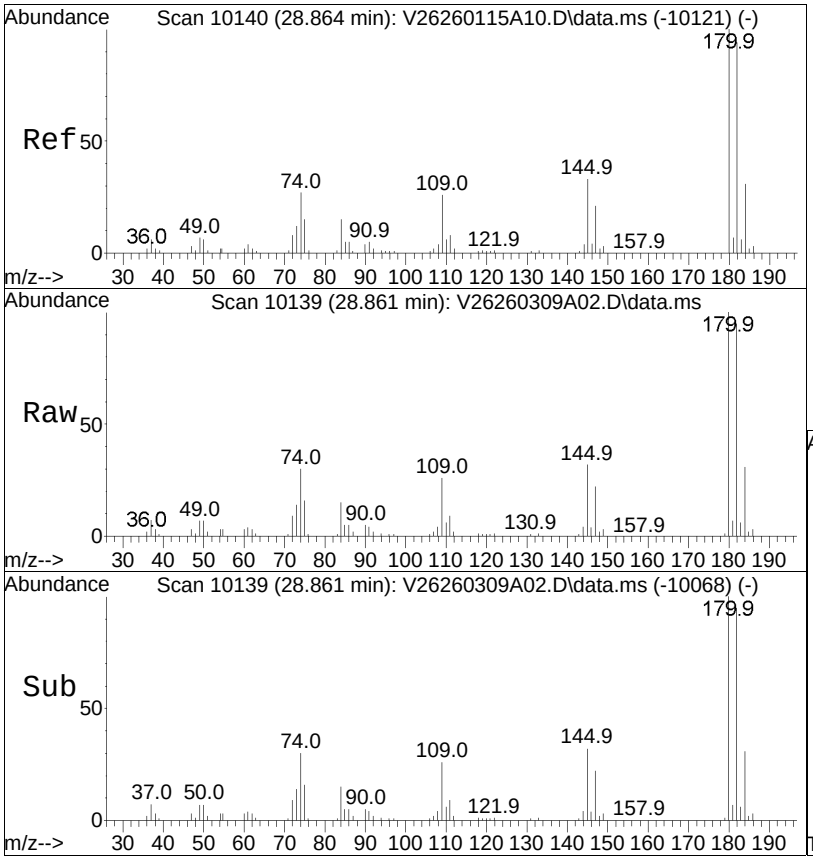




#126
Naphthalene
Concen: 38.88 ug/L
RT: 28.424 min Scan# 9982
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:128 Resp: 1167569

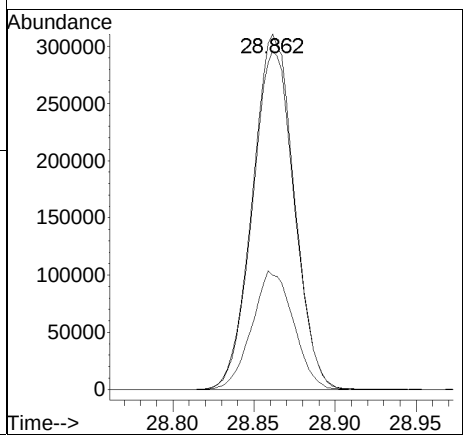




#127
1,2,3-Trichlorobenzene
Concen: 39.37 ug/L
RT: 28.861 min Scan# 10139
Delta R.T. -0.003 min
Lab File: V26260309A02.D
Acq: 09 Mar 2026 10:08 am

Tgt Ion:180 Resp: 555690

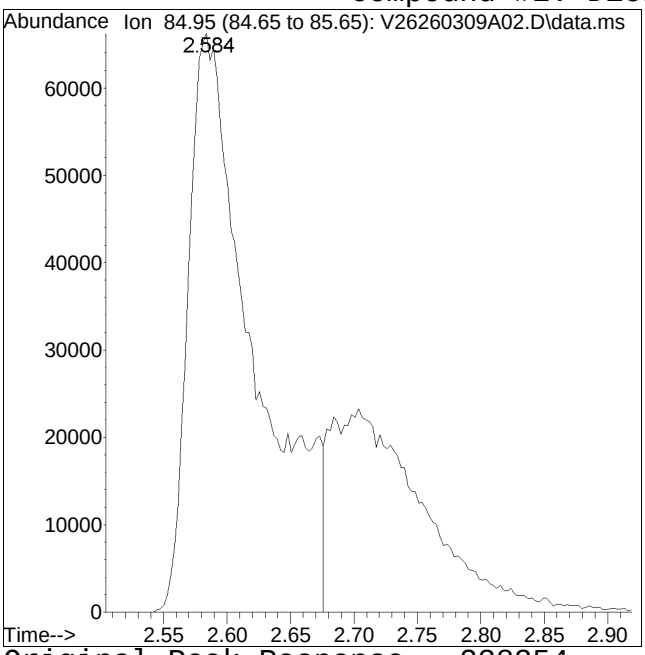
Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.0	114.0
145	33.1	27.5	41.3



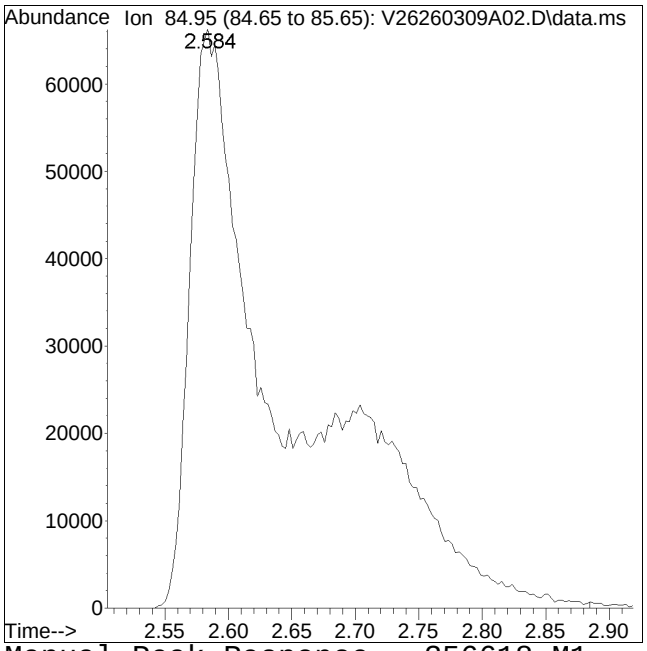
Manual Integration Report

Data Path : K:\VOA126\2026\260309A\ QMethod : V126_260115A_8260.m
Data File : V26260309A02.D Operator : VOA126:TMH
Date Inj'd : 3/9/2026 10:08 am Instrument : VOA126
Sample : WG2183848-4,31h,15,15,0.1 Quant Date : 3/9/2026 10:59 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 238354



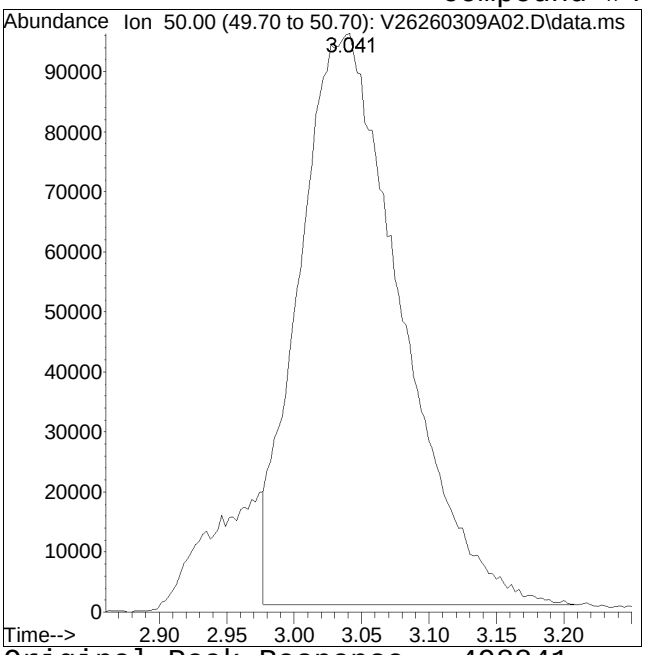
Manual Peak Response = 356618 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

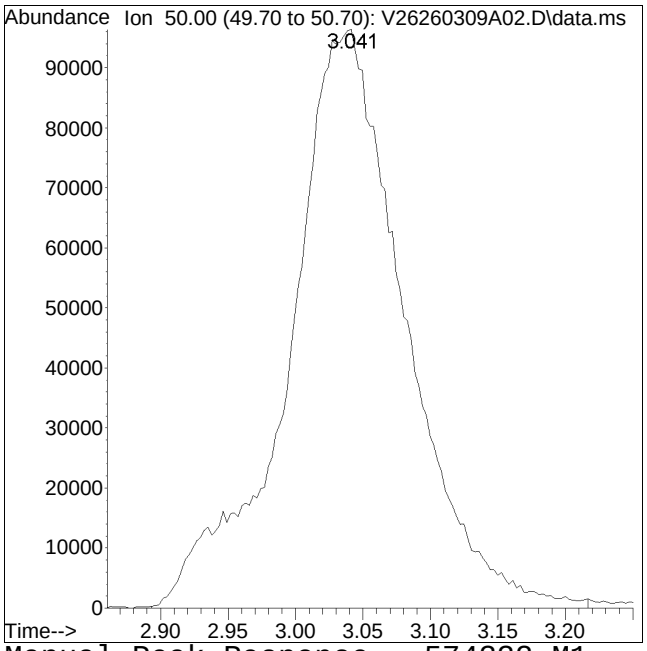
Manual Integration Report

Data Path : K:\VOA126\2026\260309A\ QMethod : V126_260115A_8260.m
Data File : V26260309A02.D Operator : VOA126:TMH
Date Inj'd : 3/9/2026 10:08 am Instrument : VOA126
Sample : WG2183848-4,31h,15,15,0.1 Quant Date : 3/9/2026 10:59 am

Compound #4: Chloromethane



Original Peak Response = 498841



Manual Peak Response = 574332 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A03.D
Acq On : 10 Mar 2026 08:27 am
Operator : VOA111:MNF
Sample : WG2183816-4,31,5,5
Misc : WG2183816,ICAL22987
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 10 12:08:44 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.204	96	173456	20.000	ug/L	0.00
Standard Area 1 = 173144			Recovery = 100.18%			
59) Chlorobenzene-d5	9.771	117	176663	20.000	ug/L	0.00
Standard Area 1 = 127198			Recovery = 138.89%			
79) 1,4-Dichlorobenzene-d4	12.428	152	85019	20.000	ug/L	0.00
Standard Area 1 = 64537			Recovery = 131.74%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.376	113	45441	21.010	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.05%			
43) 1,2-Dichloroethane-d4	5.911	65	48418	23.599	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 118.00%			
60) Toluene-d8	7.911	98	172518	15.121	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 75.61%			
83) 4-Bromofluorobenzene	11.240	95	89257	22.943	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 114.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.661	85	96688	46.404	ug/L	98
3) Chloromethane	1.873	50	112814	50.161	ug/L	97
4) Vinyl chloride	1.940	62	136813	54.957	ug/L	98
5) Bromomethane	2.275	94	85054	44.582	ug/L	100
6) Chloroethane	2.403	64	71315	47.614	ug/L	98
7) Trichlorofluoromethane	2.551	101	141738	49.347	ug/L	100
8) Ethyl ether	2.866	74	48216	40.115	ug/L	75
10) 1,1-Dichloroethene	3.070	96	77486	43.876	ug/L	90
11) Carbon disulfide	3.103	76	275870	41.576	ug/L	100
15) Methylene chloride	3.641	84	92728	38.752	ug/L	76
17) Acetone	3.680	43	21451	37.825	ug/L	100
18) trans-1,2-Dichloroethene	3.806	96	88078	42.295	ug/L	89
20) Methyl tert-butyl ether	3.898	73	245980	38.335	ug/L	90
23) 1,1-Dichloroethane	4.397	63	171467	44.938	ug/L	97
25) Acrylonitrile	4.447	53	17013	30.480	ug/L #	89
27) Vinyl acetate	4.637	43	155853	31.406	ug/L #	96
28) cis-1,2-Dichloroethene	4.932	96	97090	40.839	ug/L	88
29) 2,2-Dichloropropane	5.033	77	137622	44.330	ug/L	96
30) Bromochloromethane	5.125	128	44303	39.355	ug/L #	75
32) Chloroform	5.194	83	173670	43.376	ug/L	98

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A03.D
Acq On : 10 Mar 2026 08:27 am
Operator : VOA111:MNF
Sample : WG2183816-4,31,5,5
Misc : WG2183816,ICAL22987
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 10 12:08:44 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	5.345	117	132844	46.093	ug/L		97
37) 1,1,1-Trichloroethane	5.409	97	147094	46.320	ug/L		98
39) 2-Butanone	5.498	43	24682M1	39.523	ug/L		
40) 1,1-Dichloropropene	5.535	75	119408	47.053	ug/L		98
41) Benzene	5.777	78	349120	42.270	ug/L		92
44) 1,2-Dichloroethane	5.984	62	123234	43.487	ug/L		98
48) Trichloroethene	6.385	95	98369	44.114	ug/L		95
50) Dibromomethane	6.831	93	53659	39.038	ug/L		92
51) 1,2-Dichloropropane	6.932	63	94230	42.565	ug/L		96
54) Bromodichloromethane	7.002	83	128682	41.549	ug/L		99
57) 1,4-Dioxane	7.219	88	27877M1	1940.552	ug/L		
58) cis-1,3-Dichloropropene	7.702	75	143787	40.596	ug/L		94
61) Toluene	7.972	92	216930	29.728	ug/L		96
62) 4-Methyl-2-pentanone	8.399	58	21491	23.509	ug/L	#	95
63) Tetrachloroethene	8.427	166	88282	30.147	ug/L		94
65) trans-1,3-Dichloropropene	8.452	75	125383	28.784	ug/L		85
68) 1,1,2-Trichloroethane	8.636	83	63731	29.048	ug/L		98
69) Chlorodibromomethane	8.856	129	120760	37.508	ug/L		96
70) 1,3-Dichloropropane	8.965	76	189100	43.540	ug/L		99
71) 1,2-Dibromoethane	9.138	107	86403	35.337	ug/L		100
72) 2-Hexanone	9.428	43	56604M1	42.486	ug/L		
73) Chlorobenzene	9.793	112	343504	40.880	ug/L	#	81
74) Ethylbenzene	9.829	91	625484	44.550	ug/L		97
75) 1,1,1,2-Tetrachloroethane	9.871	131	123232	38.403	ug/L		99
76) p/m Xylene	10.013	106	455729	85.968	ug/L		89
77) o Xylene	10.546	106	447914	82.792	ug/L		91
78) Styrene	10.610	104	737669	81.362	ug/L		96
80) Bromoform	10.635	173	67552	35.564	ug/L		100
82) Isopropylbenzene	10.920	105	602221	47.534	ug/L		97
84) Bromobenzene	11.352	156	130497	38.357	ug/L		100
85) n-Propylbenzene	11.391	91	744972	50.286	ug/L		96
87) 1,1,2,2-Tetrachloroethane	11.466	83	126445	41.506	ug/L		99
88) 4-Ethyltoluene	11.514	105	594636	47.589	ug/L		97
89) 2-Chlorotoluene	11.555	91	430291	47.676	ug/L		97
90) 1,3,5-Trimethylbenzene	11.608	105	509050	46.632	ug/L		96
91) 1,2,3-Trichloropropane	11.608	75	103832	44.360	ug/L		97
92) trans-1,4-Dichloro-2-b...	11.656	53	36037	42.164	ug/L		91
93) 4-Chlorotoluene	11.737	91	453702	48.363	ug/L		93
94) tert-Butylbenzene	11.943	119	422802	46.275	ug/L		94

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A03.D
Acq On : 10 Mar 2026 08:27 am
Operator : VOA111:MNF
Sample : WG2183816-4,31,5,5
Misc : WG2183816,ICAL22987
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 10 12:08:44 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260310A\V11260310A02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.021	105	494424	45.951	ug/L	96
98) sec-Butylbenzene	12.133	105	650666	48.288	ug/L	97
99) p-Isopropyltoluene	12.281	119	545703	46.368	ug/L	97
100) 1,3-Dichlorobenzene	12.356	146	258971	40.815	ug/L	97
101) 1,4-Dichlorobenzene	12.445	146	258985	38.778	ug/L	98
102) p-Diethylbenzene	12.651	119	315916	45.194	ug/L	97
103) n-Butylbenzene	12.707	91	526739	49.583	ug/L	98
104) 1,2-Dichlorobenzene	12.863	146	240242	40.188	ug/L	97
105) 1,2,4,5-Tetramethylben...	13.435	119	454710	42.633	ug/L	96
106) 1,2-Dibromo-3-chloropr...	13.633	155	15341	33.695	ug/L	95
108) Hexachlorobutadiene	14.235	225	82730	41.509	ug/L	99
109) 1,2,4-Trichlorobenzene	14.263	180	130690	36.557	ug/L	98
110) Naphthalene	14.556	128	237074	35.399	ug/L	100
111) 1,2,3-Trichlorobenzene	14.723	180	95907	34.859	ug/L	97

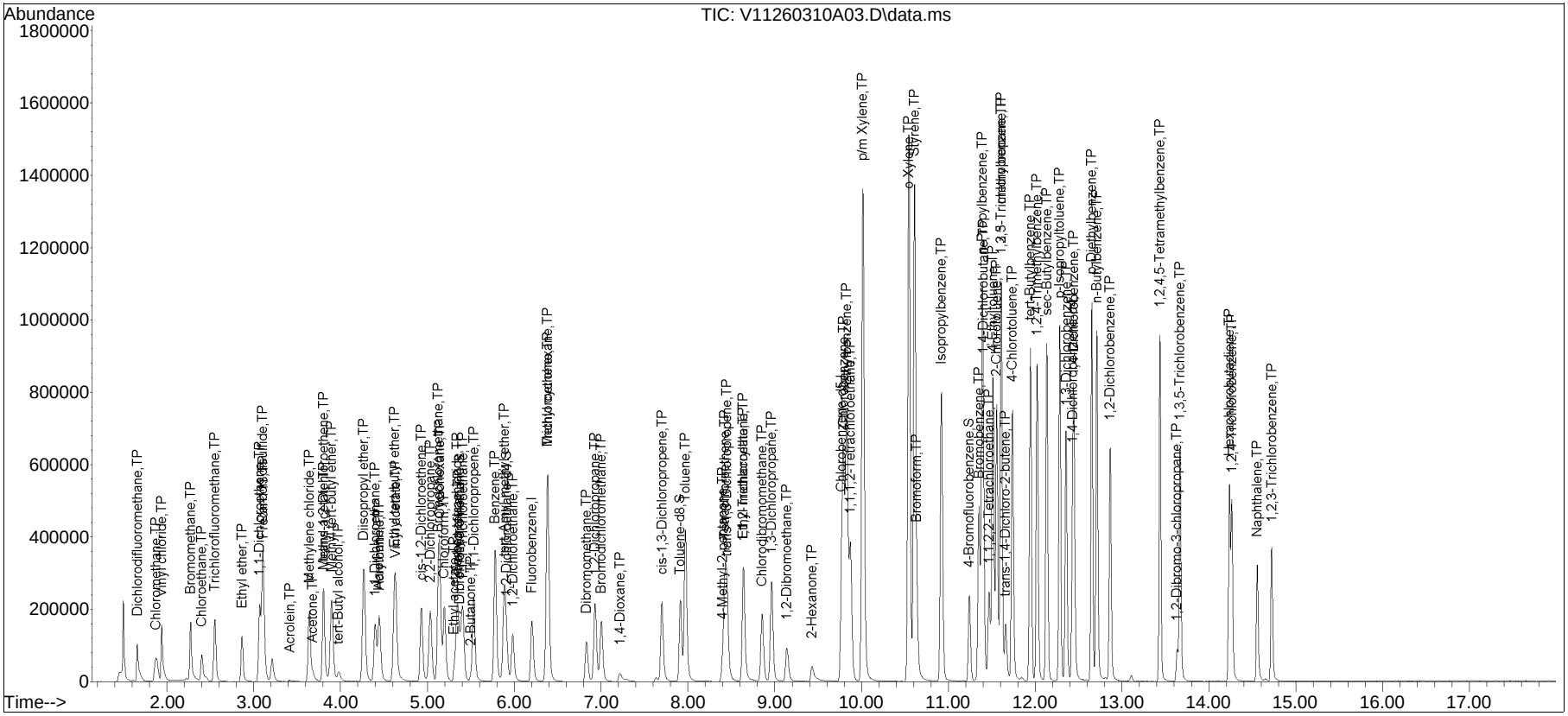
(#) = qualifier out of range (m) = manual integration (+) = signals summed

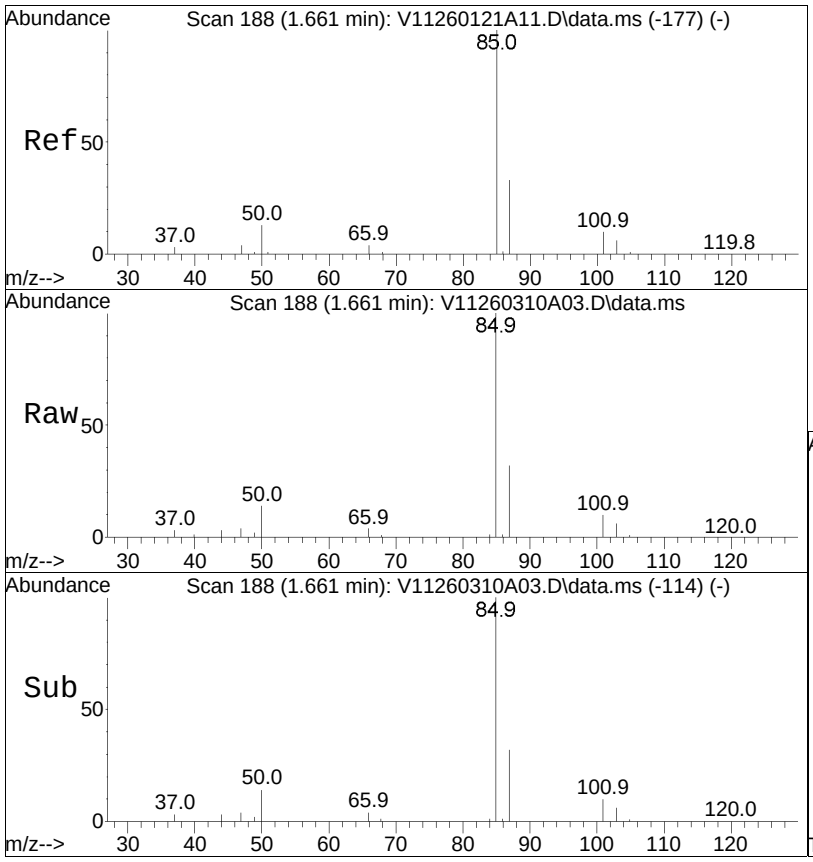
Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260310A\
Data File : V11260310A03.D
Acq On : 10 Mar 2026 08:27 am
Operator : VOA111:MNF
Sample : WG2183816-4,31,5,5
Misc : WG2183816,ICAL22987
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 10 12:08:44 2026
Quant Method : K:\VOA111\2026\260310A\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

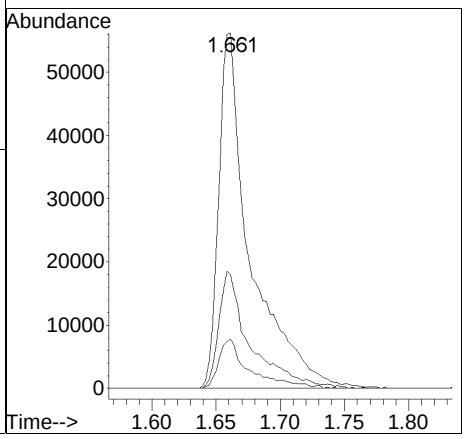


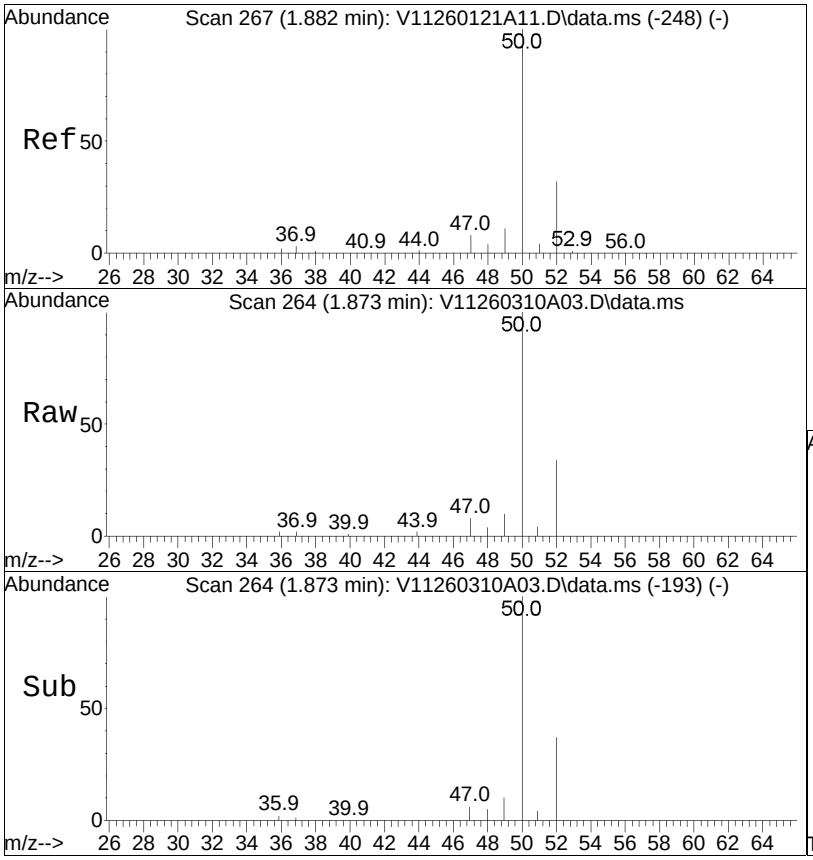


#2
Dichlorodifluoromethane
Concen: 46.40 ug/L
RT: 1.661 min Scan# 188
Delta R.T. 0.005 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 85 Resp: 96688

Ion	Ratio	Lower	Upper
85	100		
87	32.8	20.7	43.1
50	13.6	9.8	20.3

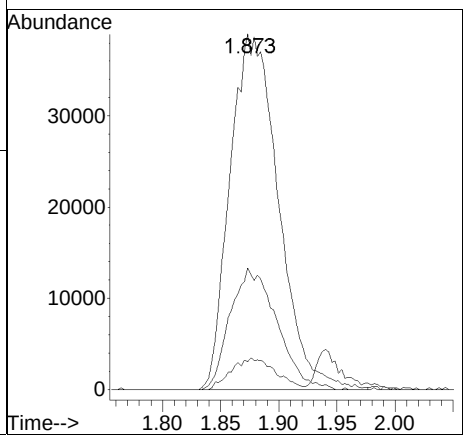


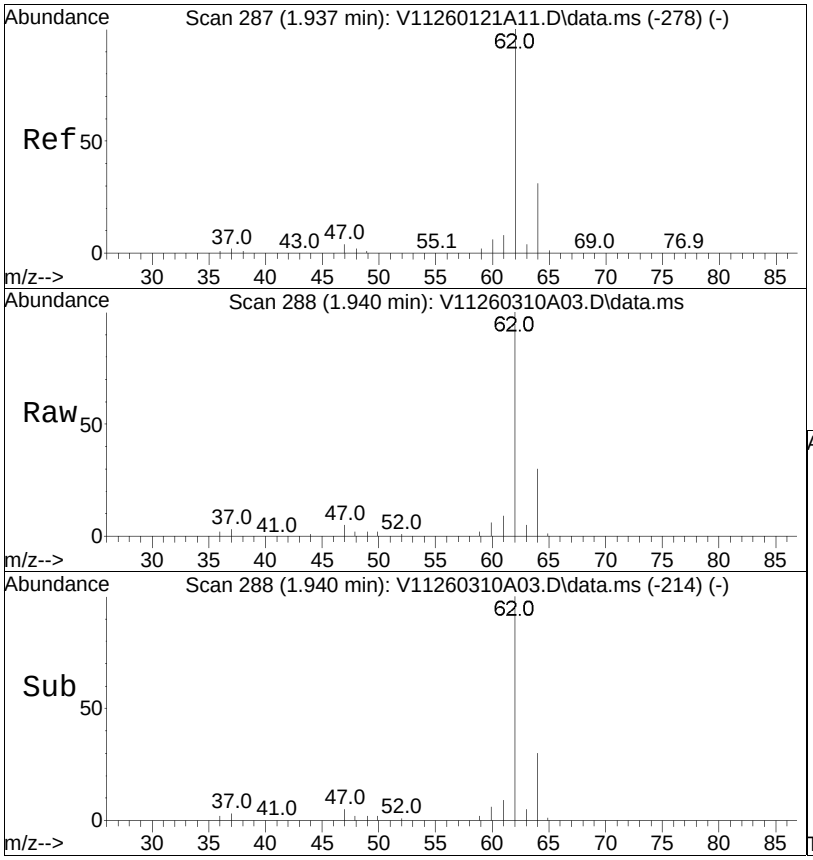


#3
Chloromethane
Concen: 50.16 ug/L
RT: 1.873 min Scan# 264
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 50 Resp: 112814

Ion	Ratio	Lower	Upper
50	100		
52	32.7	10.9	50.9
47	8.0	0.0	27.2

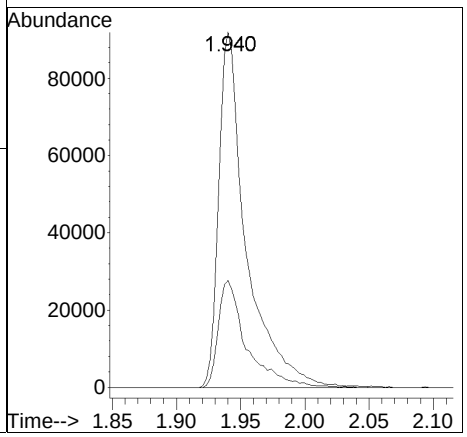


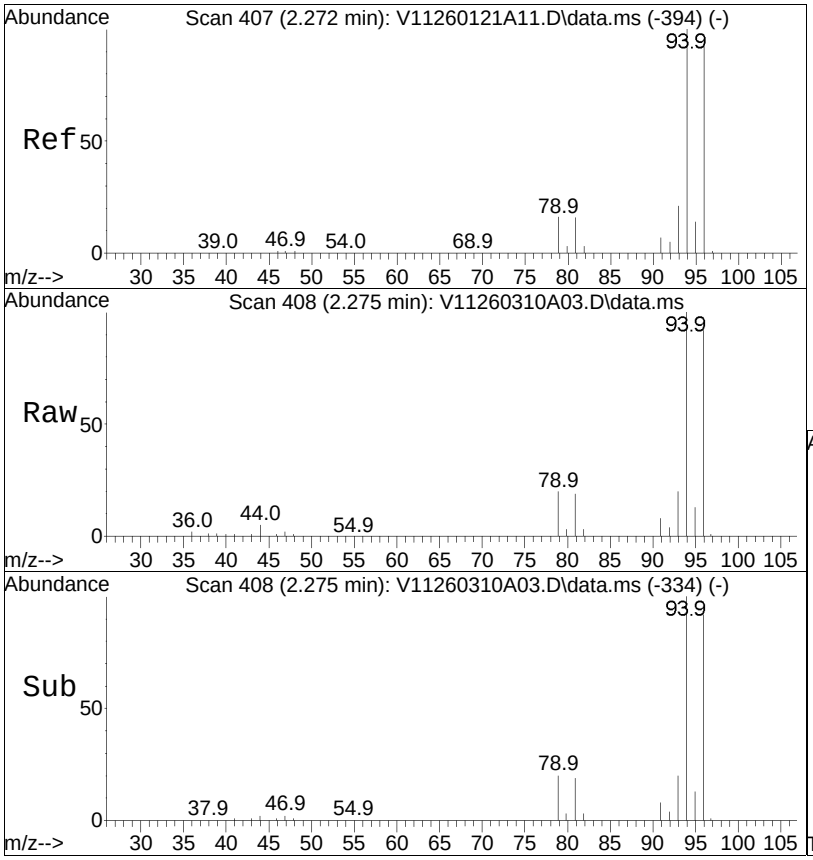


#4
Vinyl chloride
Concen: 54.96 ug/L
RT: 1.940 min Scan# 288
Delta R.T. 0.005 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 62 Resp: 136813

Ion	Ratio	Lower	Upper
62	100		
64	31.1	9.9	49.9

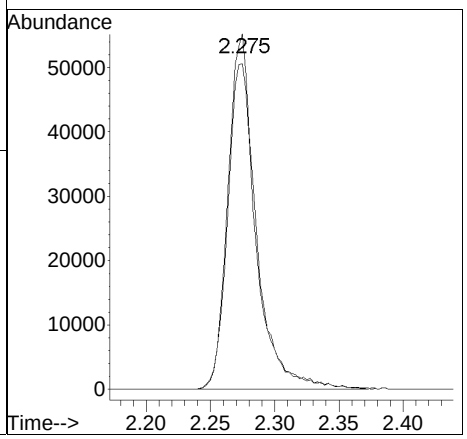


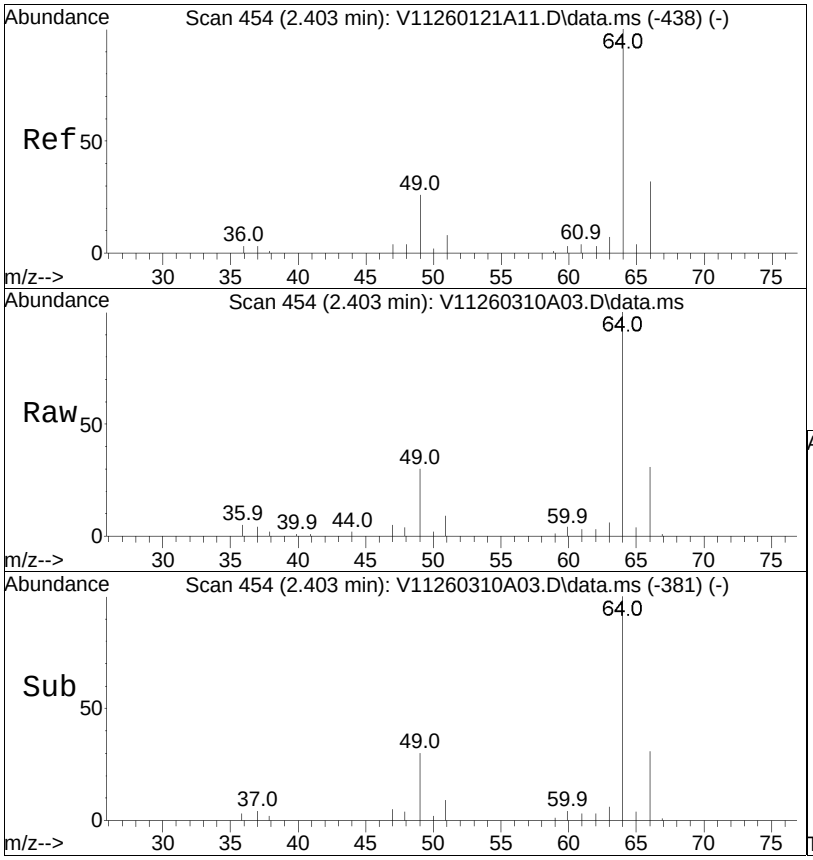


#5
Bromomethane
Concen: 44.58 ug/L
RT: 2.275 min Scan# 408
Delta R.T. 0.005 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 94 Resp: 85054

Ion	Ratio	Lower	Upper
94	100		
96	92.9	72.6	112.6

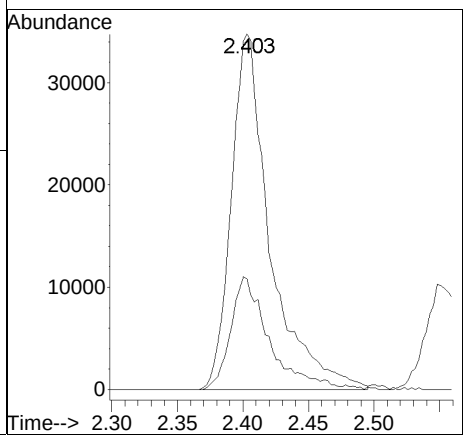


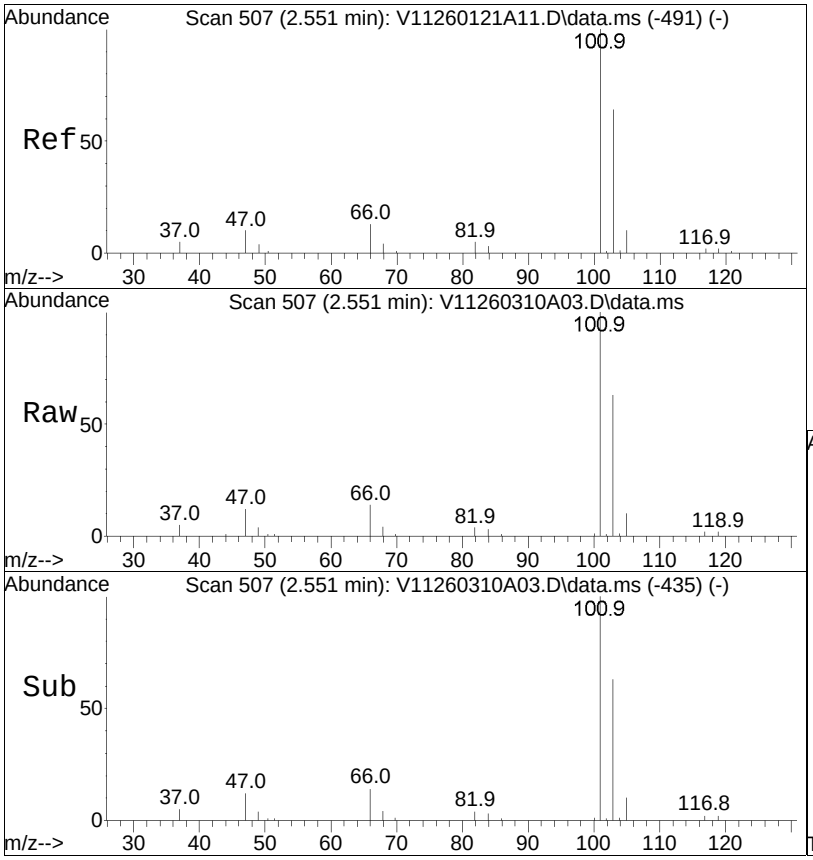


#6
Chloroethane
Concen: 47.61 ug/L
RT: 2.403 min Scan# 454
Delta R.T. 0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 64 Resp: 71315

Ion	Ratio	Lower	Upper
64	100		
66	31.3	10.2	50.2

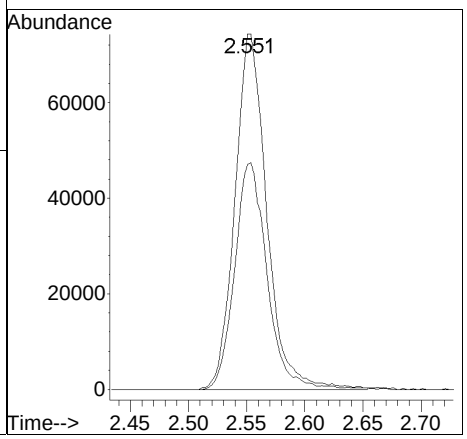


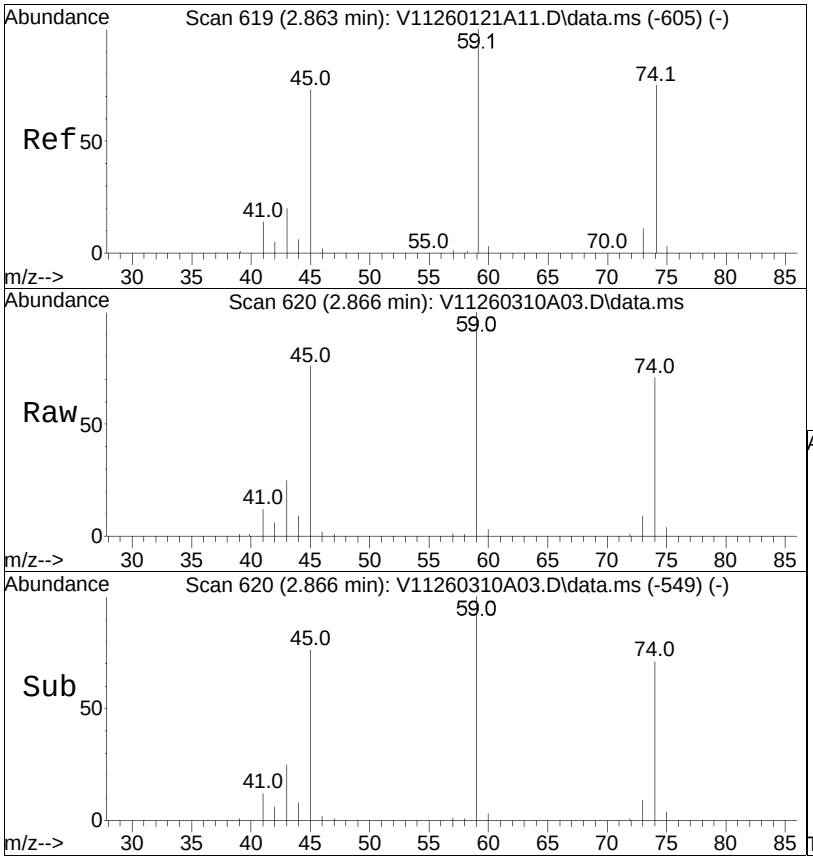


#7
Trichlorofluoromethane
Concen: 49.35 ug/L
RT: 2.551 min Scan# 507
Delta R.T. -0.000 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:101 Resp: 141738

Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.8	77.6

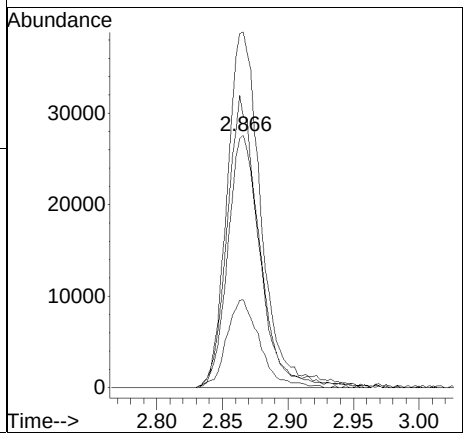


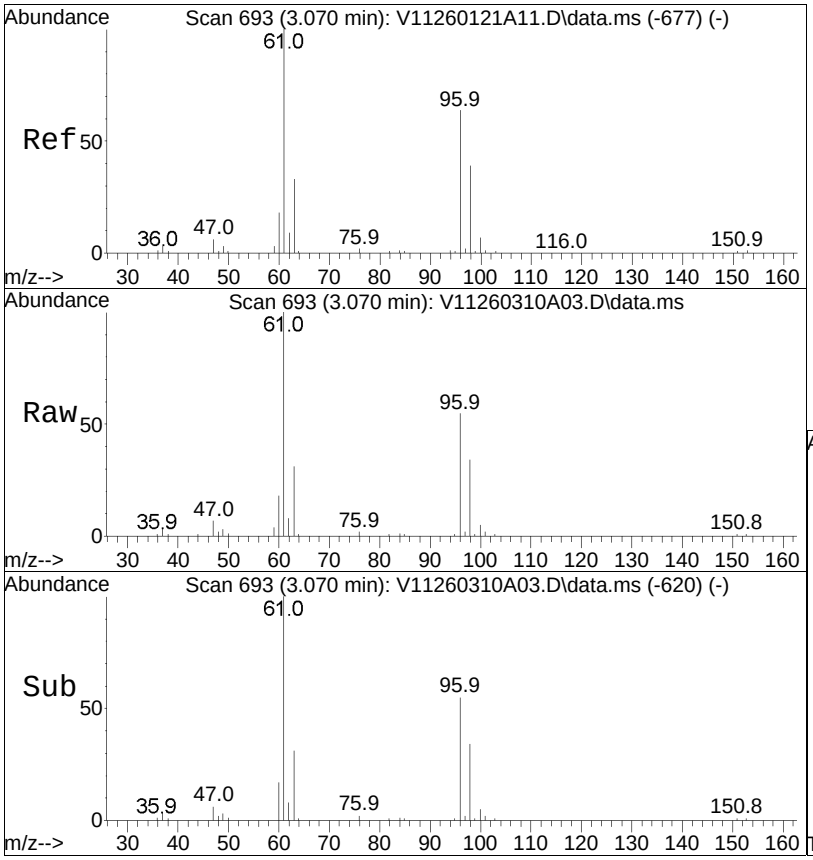


#8
Ethyl ether
Concen: 40.11 ug/L
RT: 2.866 min Scan# 620
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 74 Resp: 48216

Ion	Ratio	Lower	Upper
74	100		
59	145.9	113.5	235.7
45	111.3	100.4	208.4
43	35.0	27.1	56.3

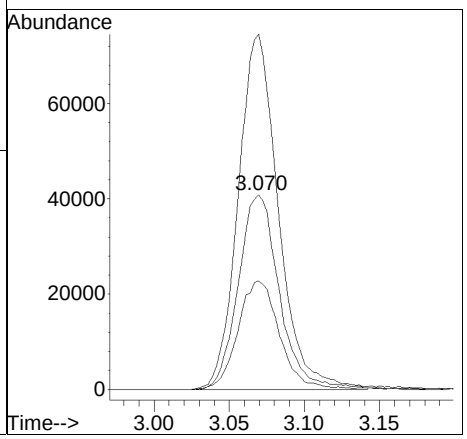


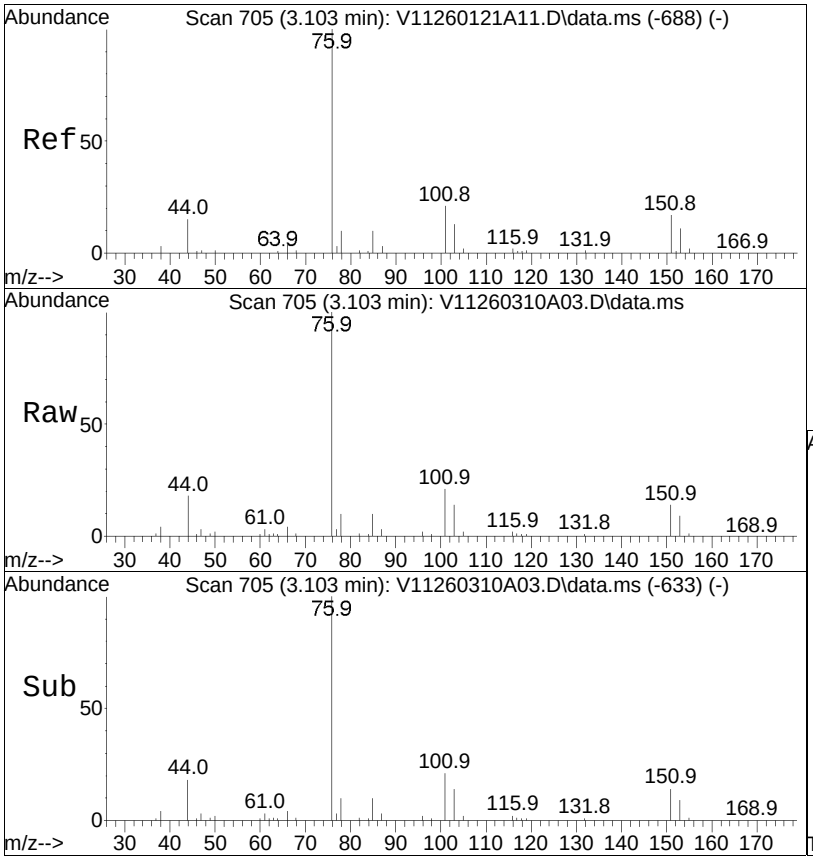


#10
1,1-Dichloroethene
Concen: 43.88 ug/L
RT: 3.070 min Scan# 693
Delta R.T. 0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 96 Resp: 77486

Ion	Ratio	Lower	Upper
96	100		
61	178.7	157.7	236.5
63	56.5	47.9	71.9

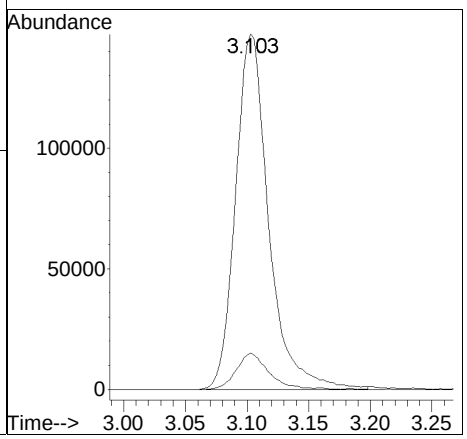


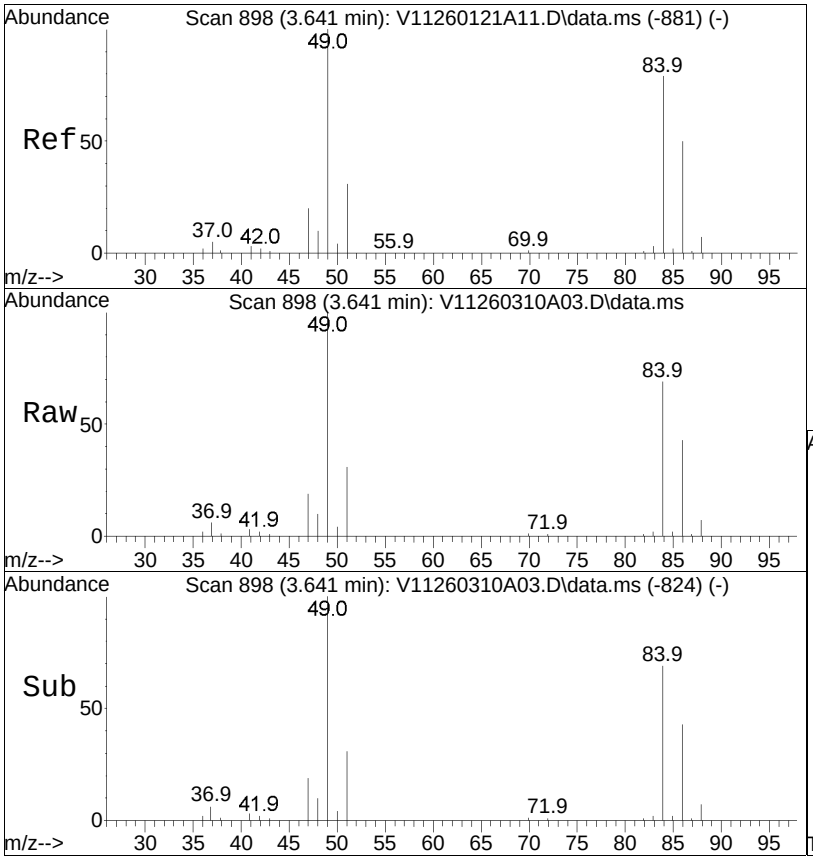


#11
Carbon disulfide
Concen: 41.58 ug/L
RT: 3.103 min Scan# 705
Delta R.T. -0.000 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 76 Resp: 275870

Ion	Ratio	Lower	Upper
76	100		
78	9.9	6.4	13.4

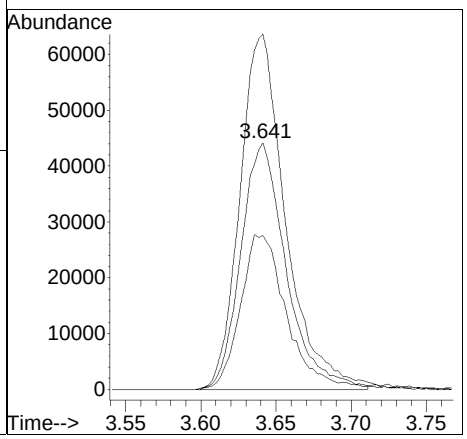


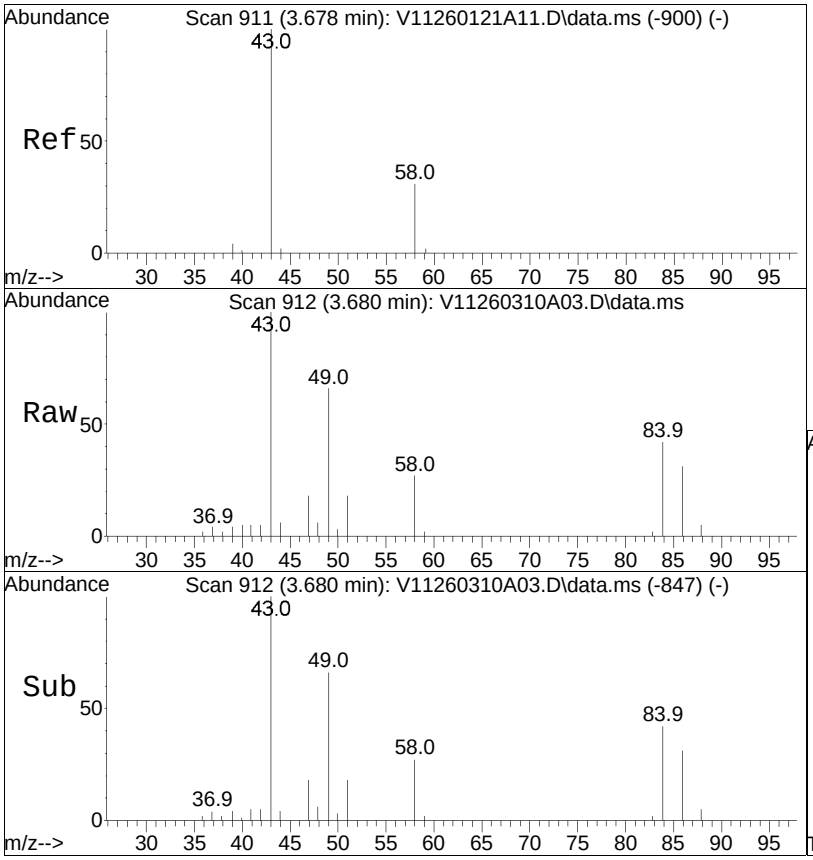


#15
Methylene chloride
Concen: 38.75 ug/L
RT: 3.641 min Scan# 898
Delta R.T. 0.005 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 84 Resp: 92728

Ion	Ratio	Lower	Upper
84	100		
86	64.3	41.1	85.3
49	145.5	124.2	258.0

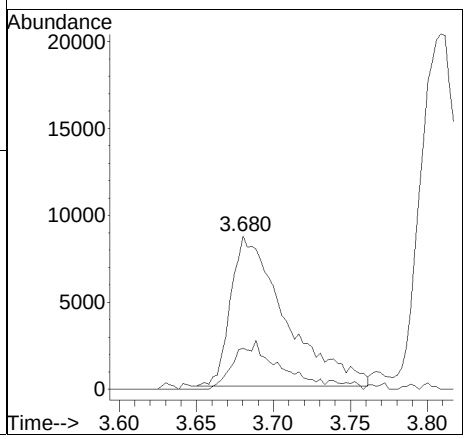


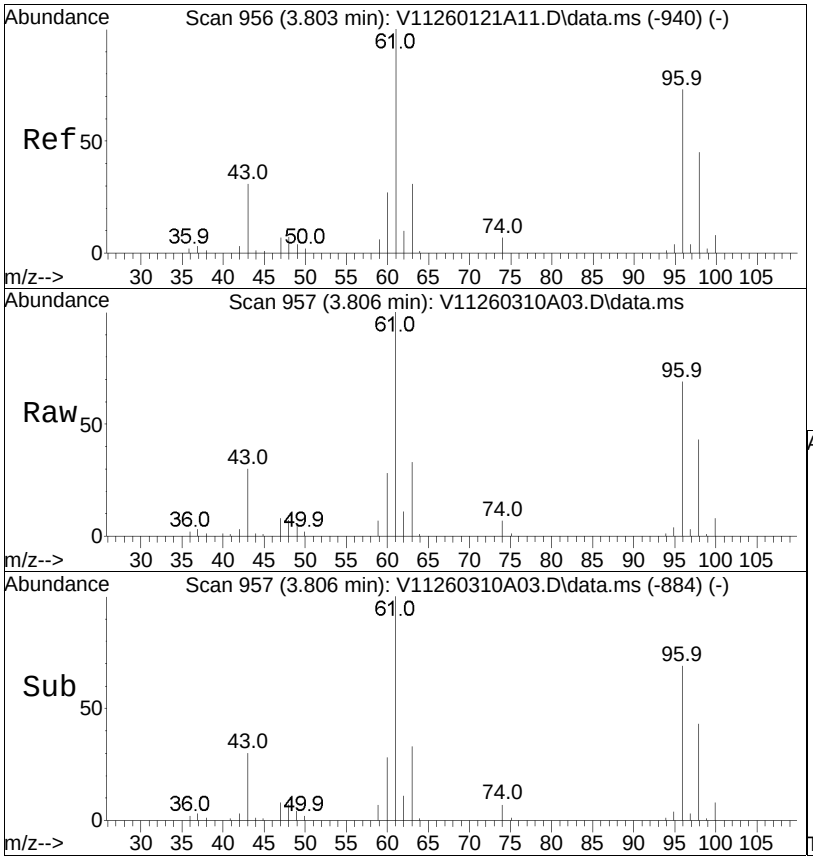


#17
Acetone
Concen: 37.82 ug/L
RT: 3.680 min Scan# 912
Delta R.T. -0.020 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 43 Resp: 21451

Ion	Ratio	Lower	Upper
43	100		
58	26.2	20.8	31.2

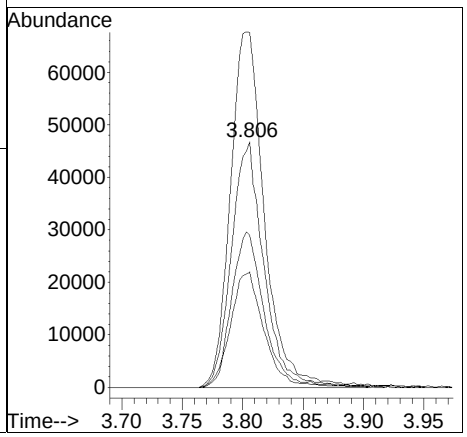


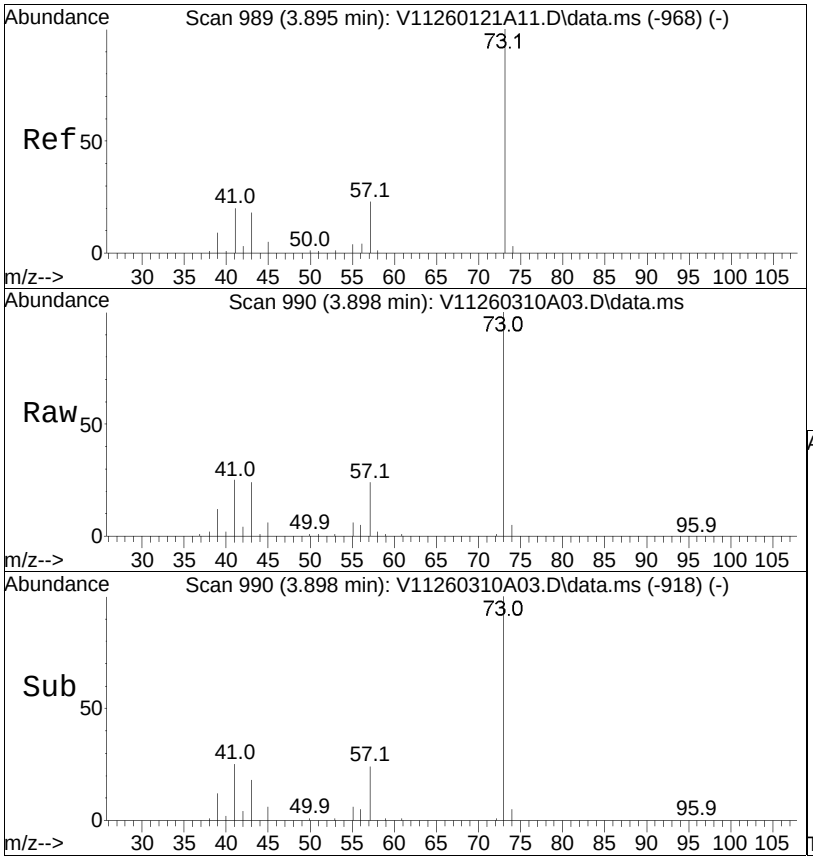


#18
trans-1,2-Dichloroethene
Concen: 42.30 ug/L
RT: 3.806 min Scan# 957
Delta R.T. 0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 96 Resp: 88078

Ion	Ratio	Lower	Upper
96	100		
61	149.9	111.1	230.8
98	62.2	41.8	86.8
63	47.5	33.3	69.1

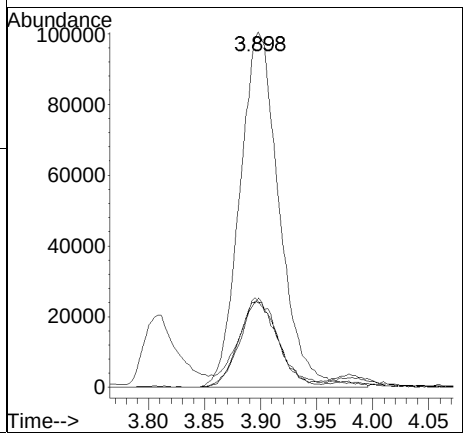


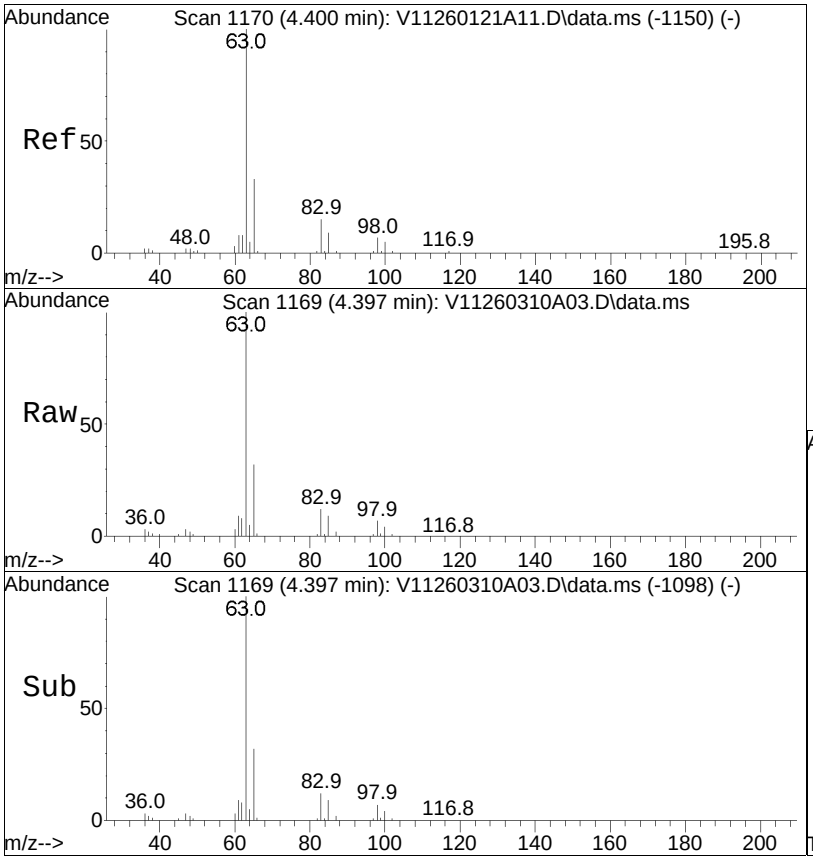


#20
Methyl tert-butyl ether
Concen: 38.34 ug/L
RT: 3.898 min Scan# 990
Delta R.T. -0.000 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 73 Resp: 245980

Ion	Ratio	Lower	Upper
73	100		
57	23.8	19.6	40.6
43	24.6	18.5	38.3
41	24.6	20.3	42.1

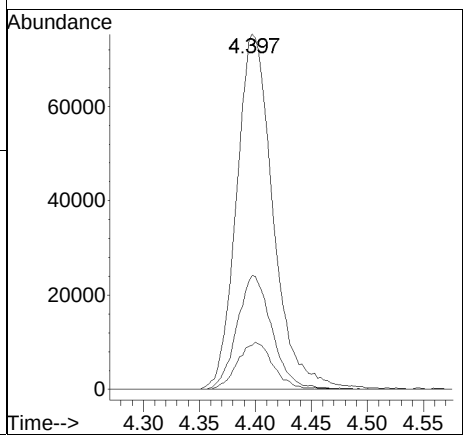


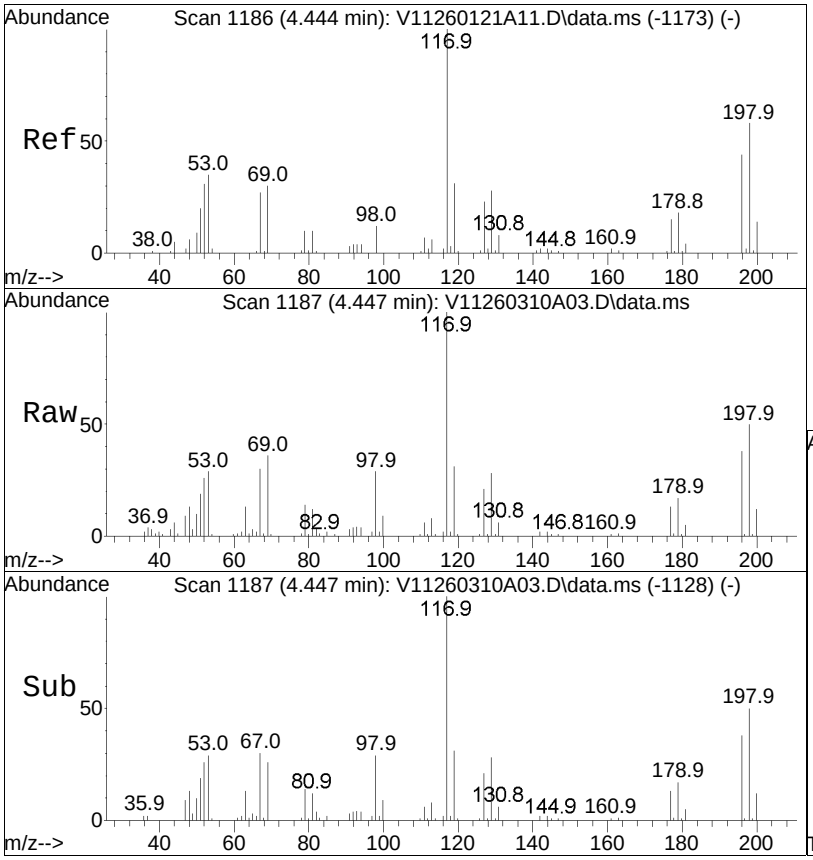


#23
1,1-Dichloroethane
Concen: 44.94 ug/L
RT: 4.397 min Scan# 1169
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 63 Resp: 171467

Ion	Ratio	Lower	Upper
63	100		
65	30.7	9.0	49.0
83	12.8	0.0	31.4

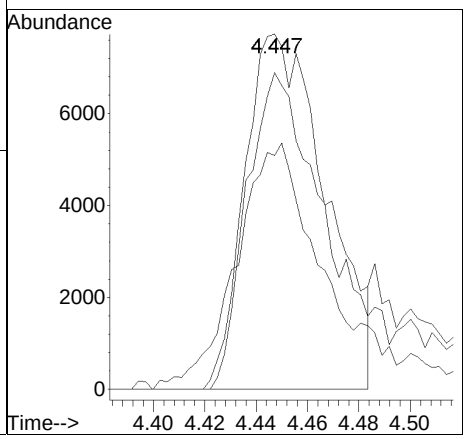


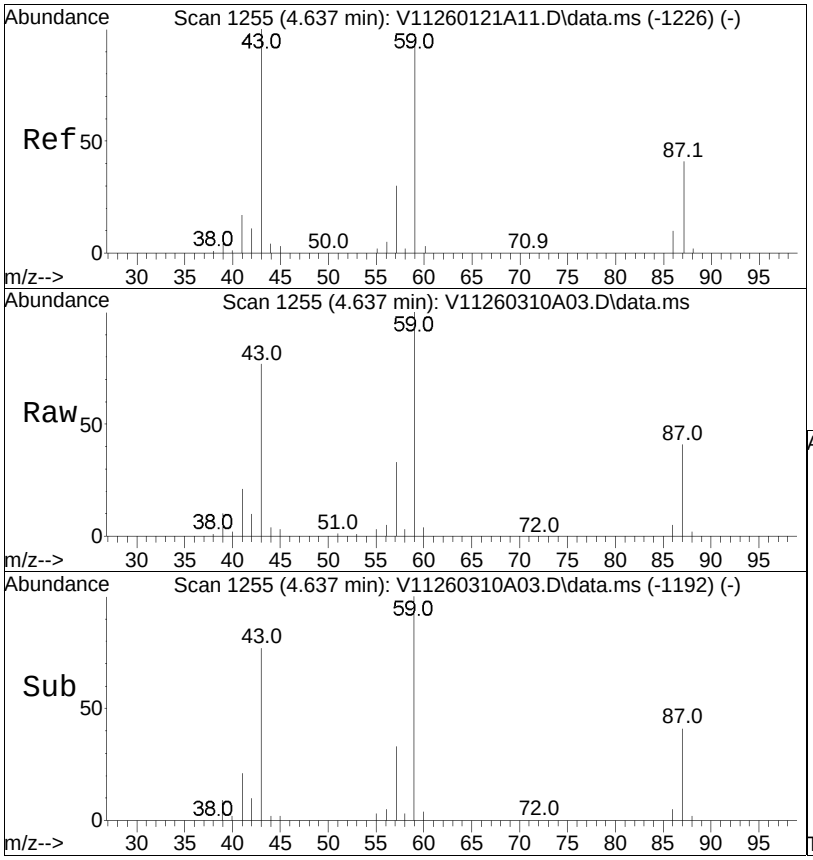


#25
Acrylonitrile
Concen: 30.48 ug/L
RT: 4.447 min Scan# 1187
Delta R.T. -0.036 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 53 Resp: 17013

Ion	Ratio	Lower	Upper
53	100		
52	87.7	66.9	100.3
51	67.4	42.6	63.8#

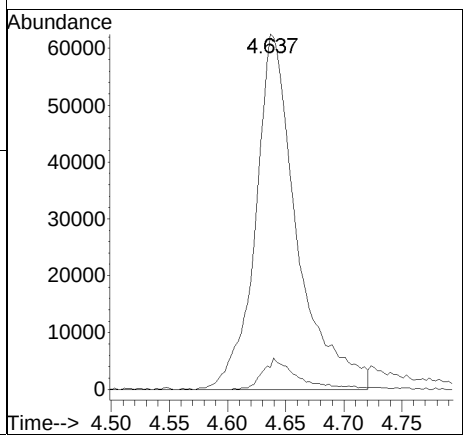


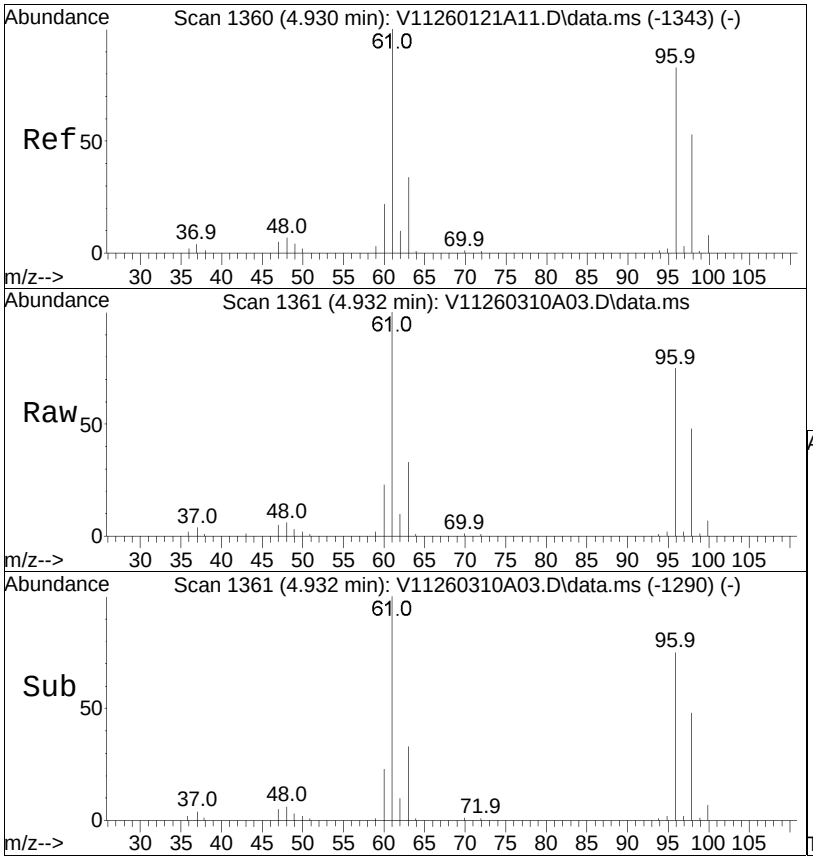


#27
Vinyl acetate
Concen: 31.41 ug/L
RT: 4.637 min Scan# 1255
Delta R.T. -0.025 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 43 Resp: 155853

Ion	Ratio	Lower	Upper
43	100		
86	7.0	4.6	6.8#

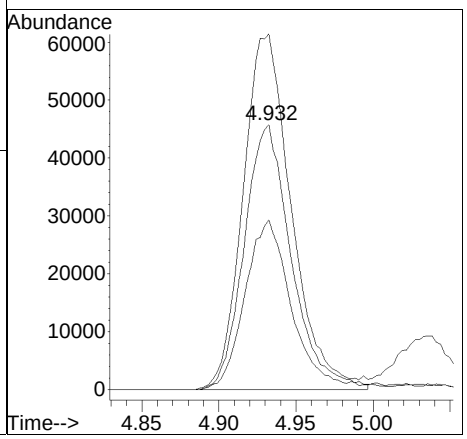


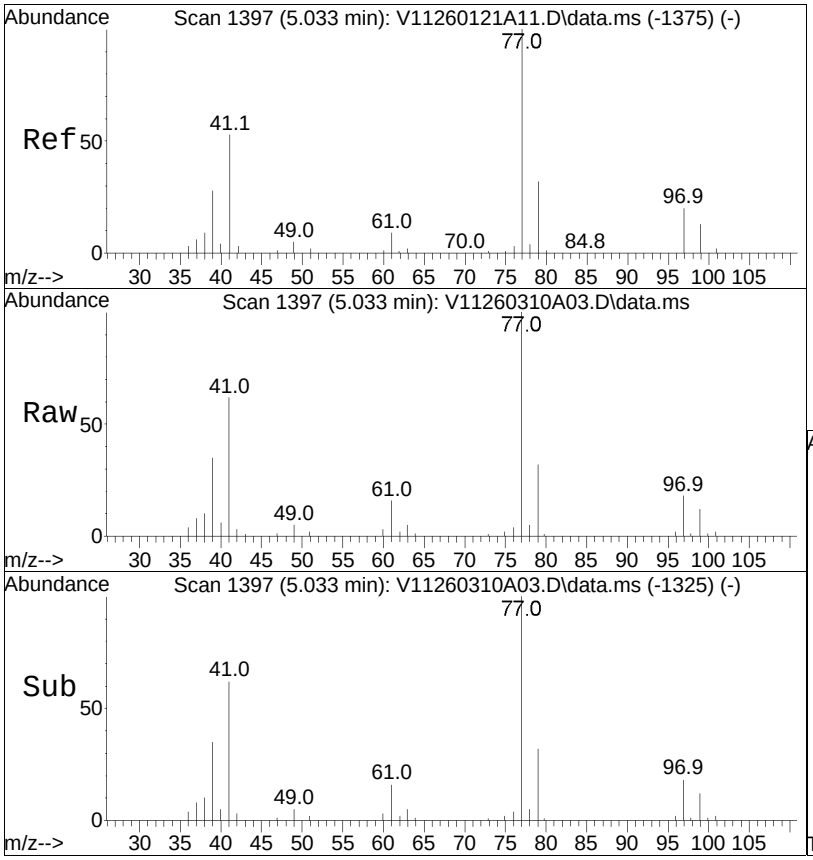


#28
cis-1,2-Dichloroethene
Concen: 40.84 ug/L
RT: 4.932 min Scan# 1361
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 96 Resp: 97090

Ion	Ratio	Lower	Upper
96	100		
61	137.0	126.3	189.5
98	62.5	51.0	76.6

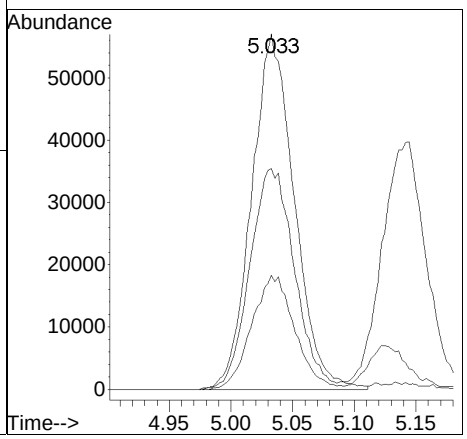


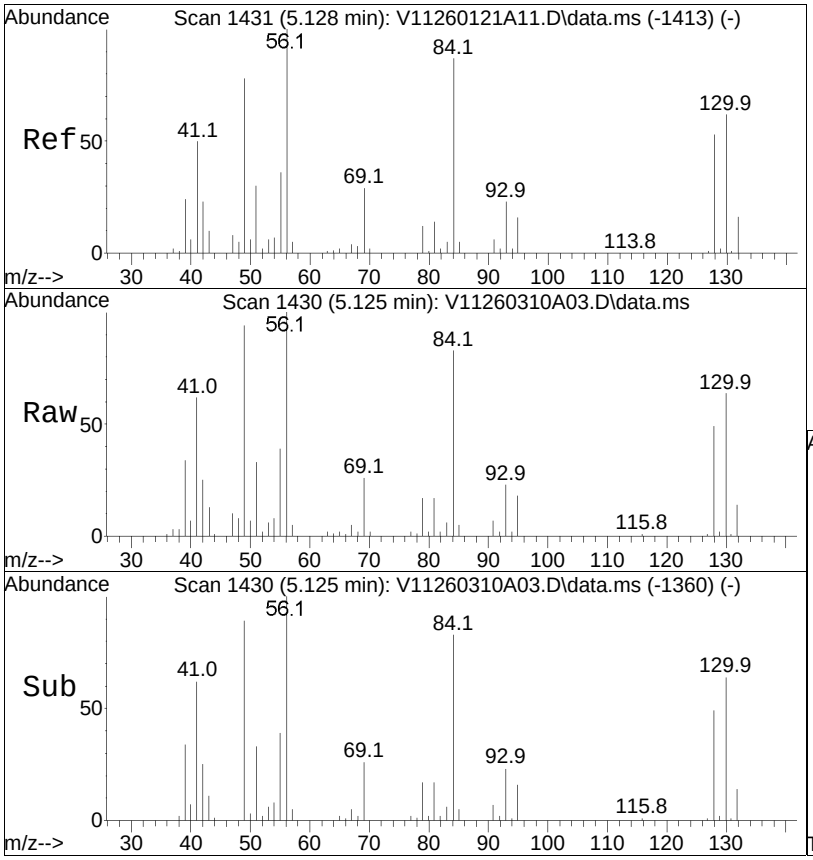


#29
2,2-Dichloropropane
Concen: 44.33 ug/L
RT: 5.033 min Scan# 1397
Delta R.T. -0.000 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 77 Resp: 137622

Ion	Ratio	Lower	Upper
77	100		
41	64.8	45.5	94.5
79	32.3	20.9	43.3

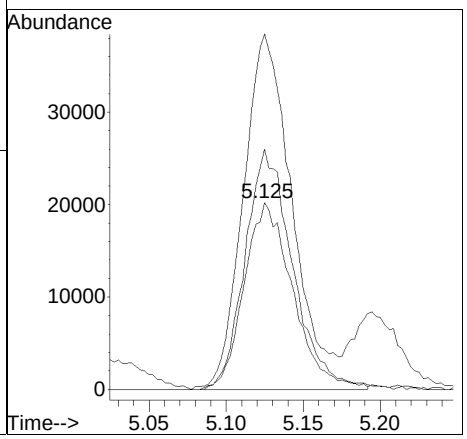


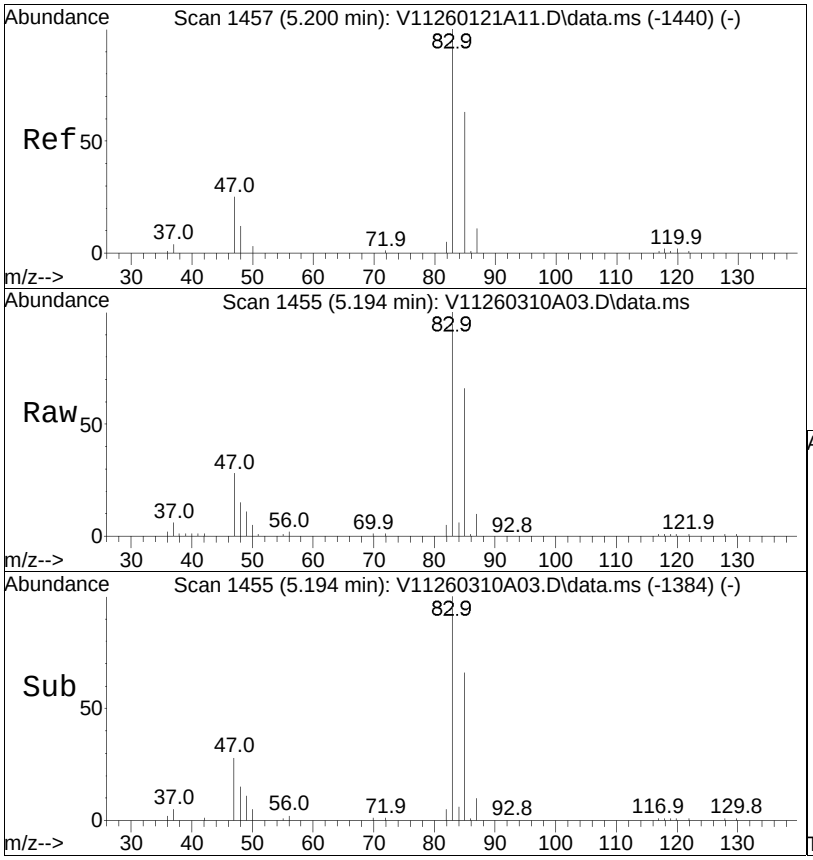


#30
Bromochloromethane
Concen: 39.36 ug/L
RT: 5.125 min Scan# 1430
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:128 Resp: 44303

Ion	Ratio	Lower	Upper
128	100		
49	190.5	201.3	301.9#
130	126.2	106.2	159.2

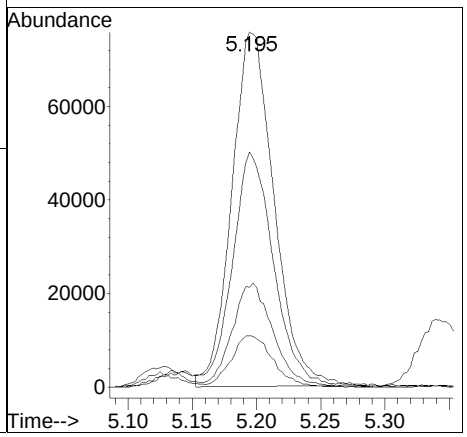


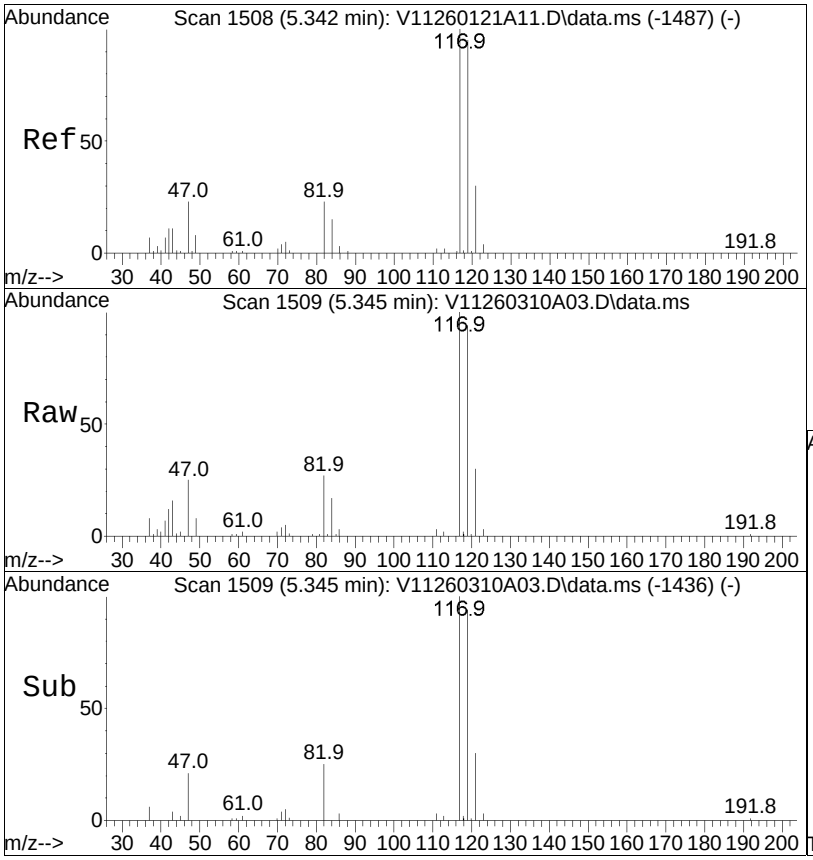


#32
Chloroform
Concen: 43.38 ug/L
RT: 5.194 min Scan# 1455
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 83 Resp: 173670

Ion	Ratio	Lower	Upper
83	100		
85	64.1	41.9	87.1
47	29.1	20.9	43.3
48	14.6	9.9	20.5

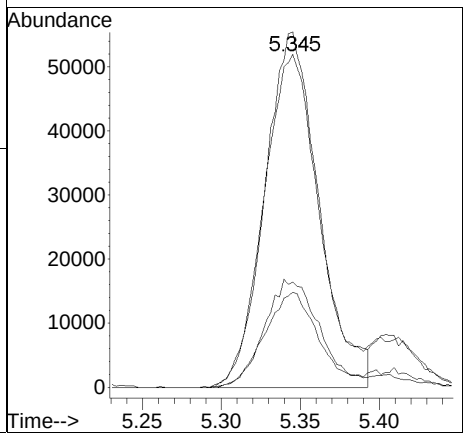


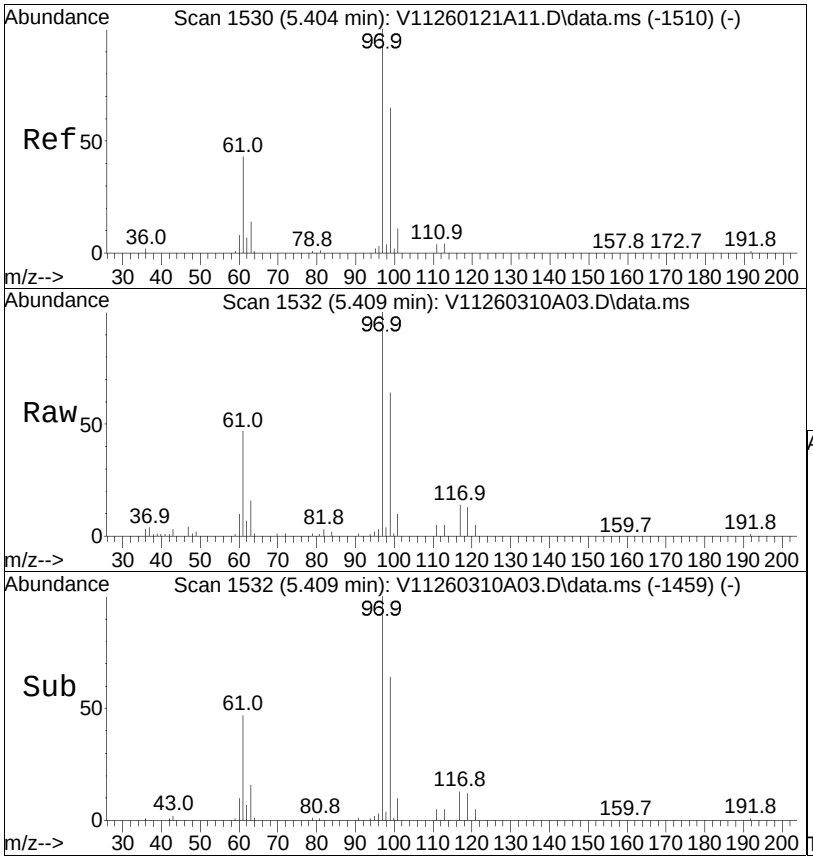


#34
Carbon tetrachloride
Concen: 46.09 ug/L
RT: 5.345 min Scan# 1509
Delta R.T. 0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:117 Resp: 132844

Ion	Ratio	Lower	Upper
117	100		
119	94.9	64.0	132.8
121	30.2	20.7	42.9
82	26.9	16.3	33.8

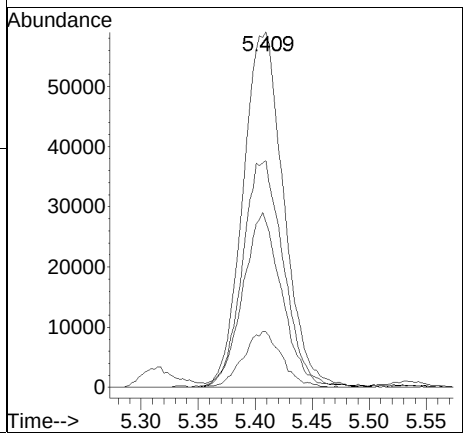


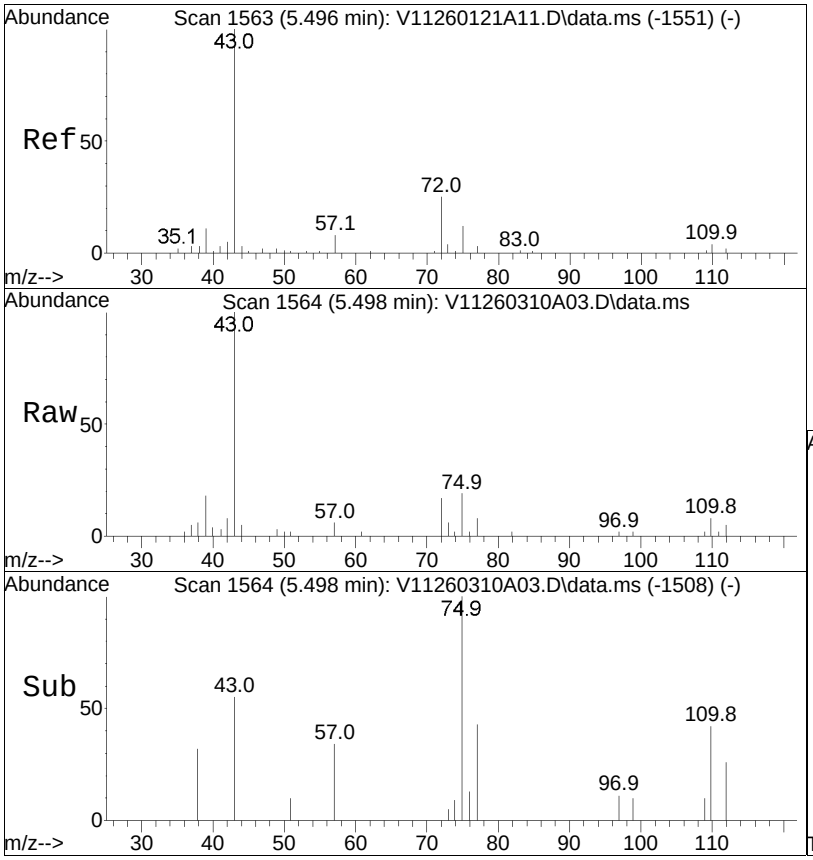


#37
1,1,1-Trichloroethane
Concen: 46.32 ug/L
RT: 5.409 min Scan# 1532
Delta R.T. 0.005 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 97 Resp: 147094

Ion	Ratio	Lower	Upper
97	100		
99	63.6	41.5	86.1
61	45.8	32.2	67.0
63	15.2	10.1	20.9

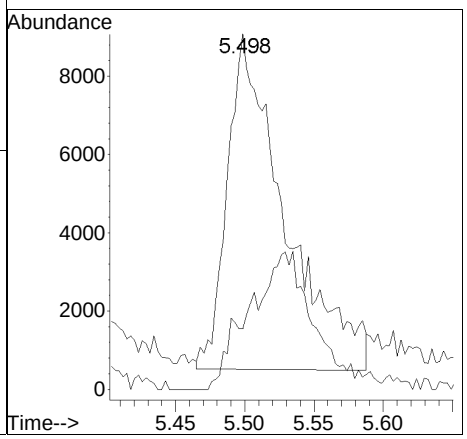


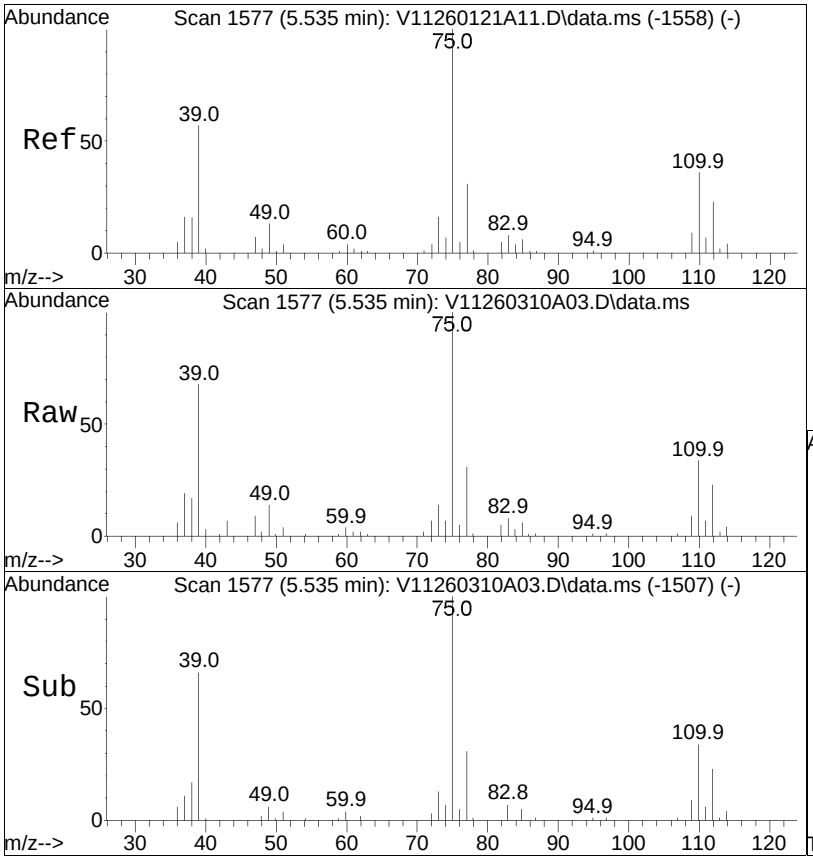


#39
2-Butanone
Concen: 39.52 ug/L M1
RT: 5.498 min Scan# 1564
Delta R.T. -0.045 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 43 Resp: 24682

Ion	Ratio	Lower	Upper
43	100		
72	5.8	21.0	31.6#

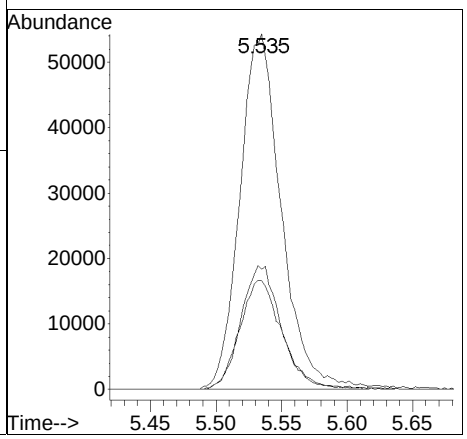


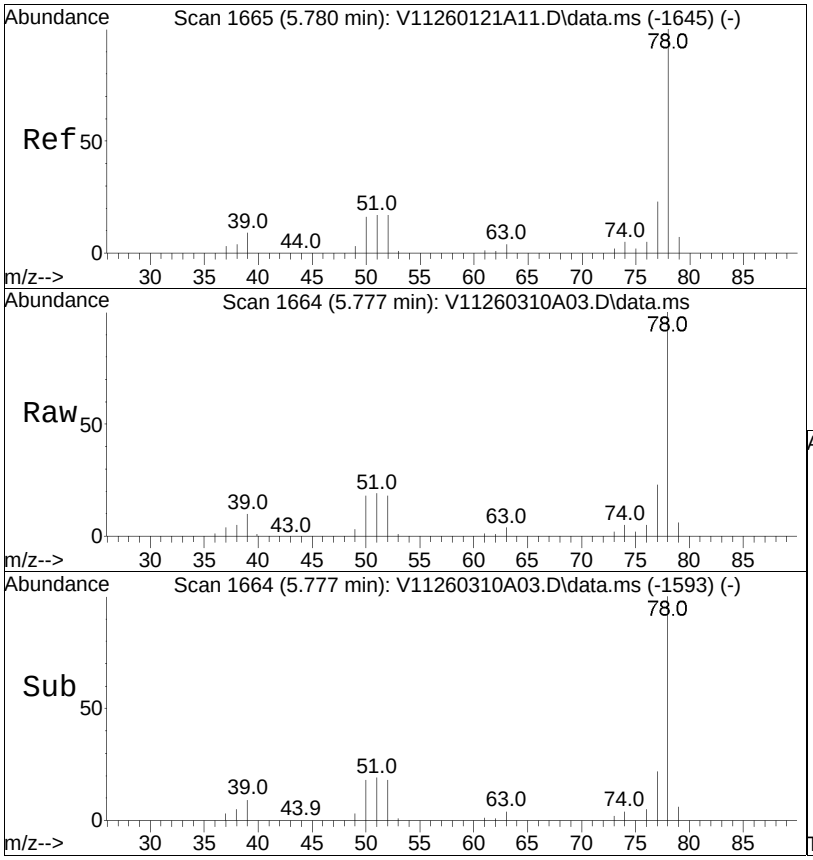


#40
1,1-Dichloropropene
Concen: 47.05 ug/L
RT: 5.535 min Scan# 1577
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 75 Resp: 119408

Ion	Ratio	Lower	Upper
75	100		
110	34.2	23.6	49.0
77	31.1	20.2	41.9

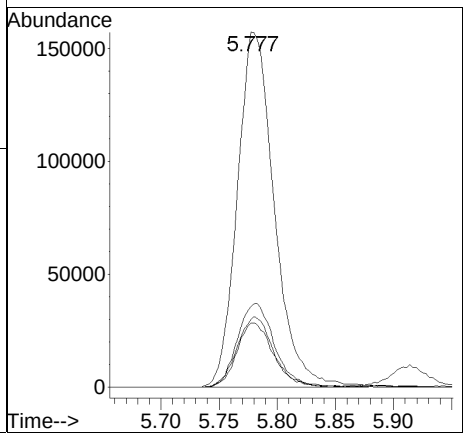


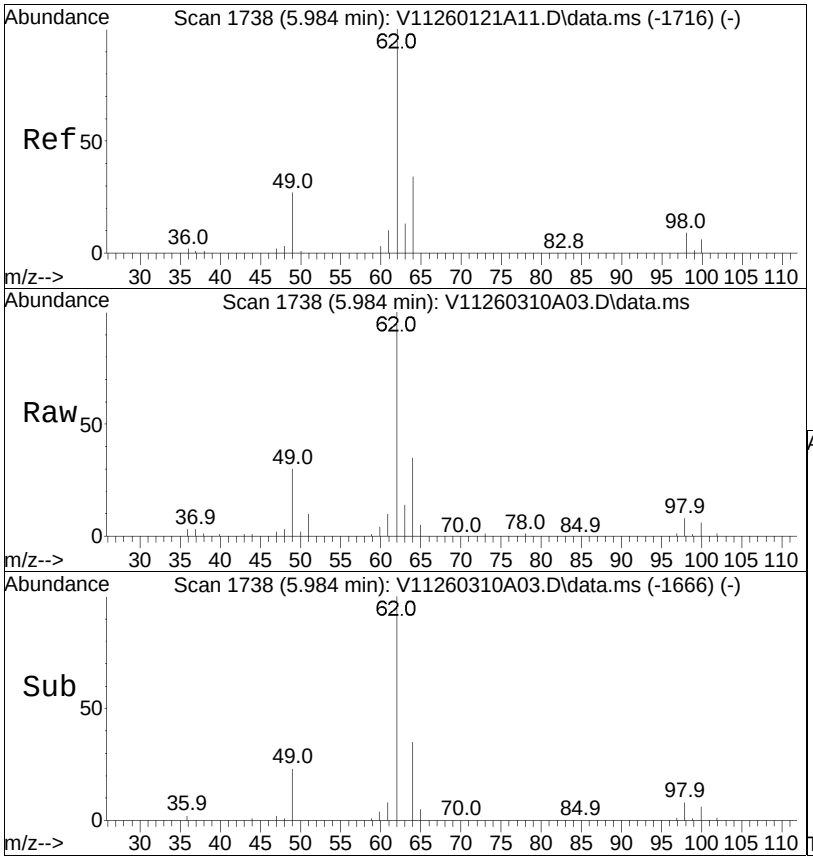


#41
Benzene
Concen: 42.27 ug/L
RT: 5.777 min Scan# 1664
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 78 Resp: 349120

Ion	Ratio	Lower	Upper
78	100		
77	23.9	15.1	31.3
51	19.5	15.8	32.8
52	17.9	15.6	32.4

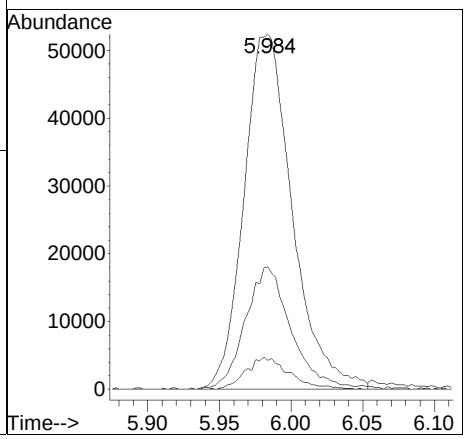


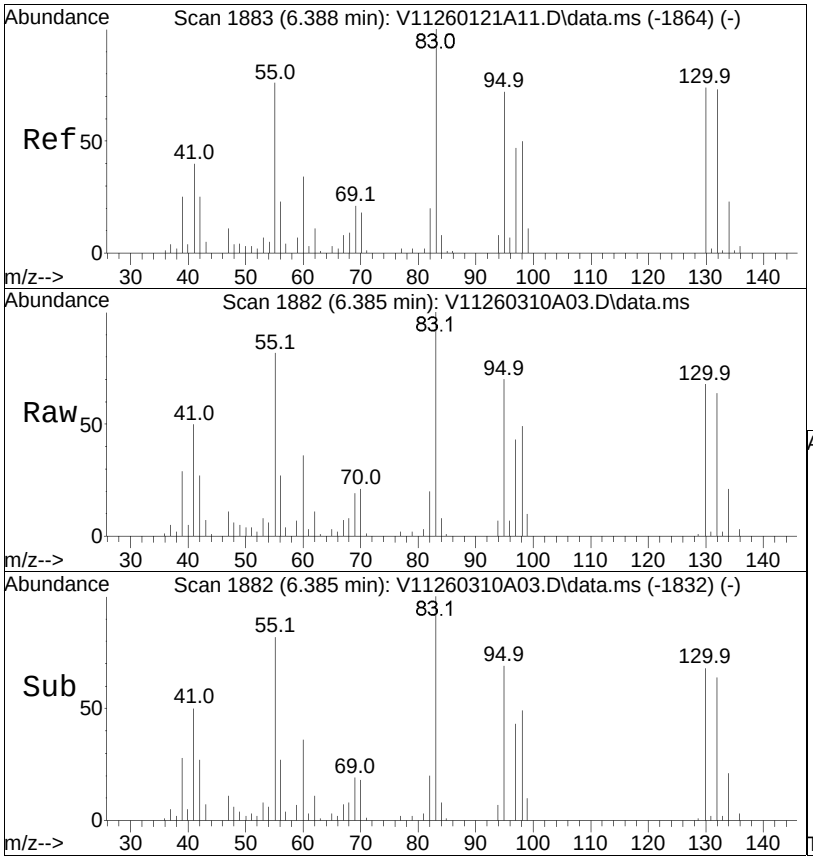


#44
1,2-Dichloroethane
Concen: 43.49 ug/L
RT: 5.984 min Scan# 1738
Delta R.T. -0.000 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 62 Resp: 123234

Ion	Ratio	Lower	Upper
62	100		
64	32.6	11.1	51.1
98	8.2	0.0	28.0

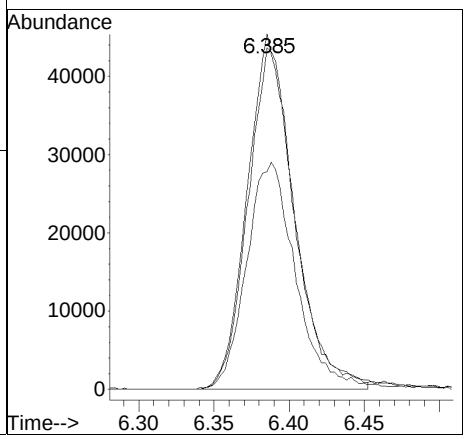


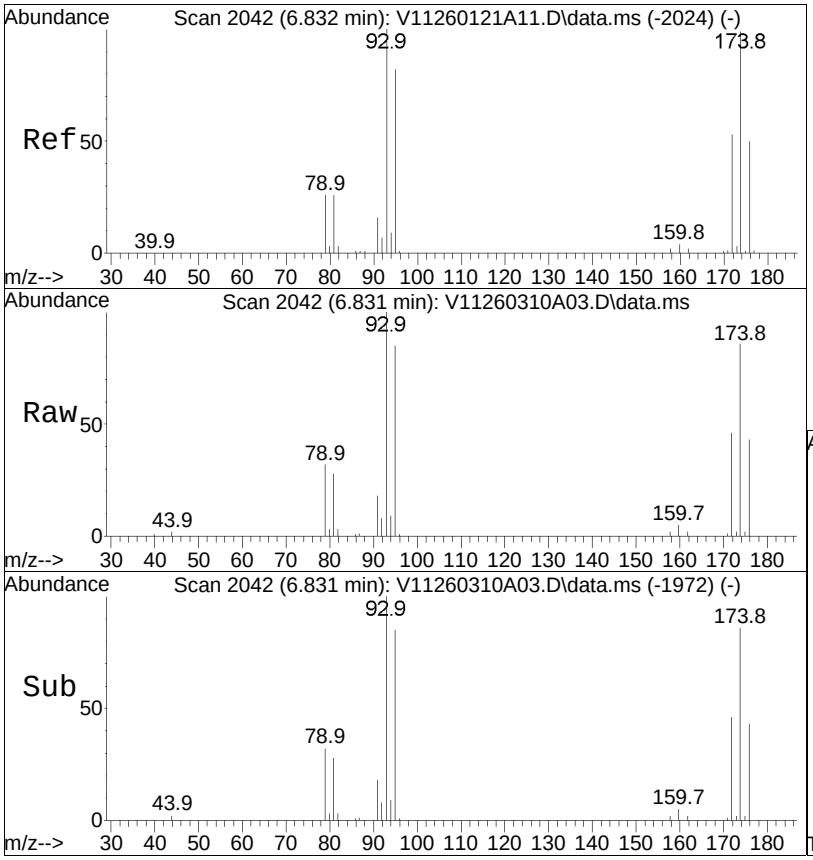


#48
Trichloroethene
Concen: 44.11 ug/L
RT: 6.385 min Scan# 1882
Delta R.T. -0.011 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 95 Resp: 98369

Ion	Ratio	Lower	Upper
95	100		
97	67.6	54.3	81.5
130	96.9	84.6	126.8

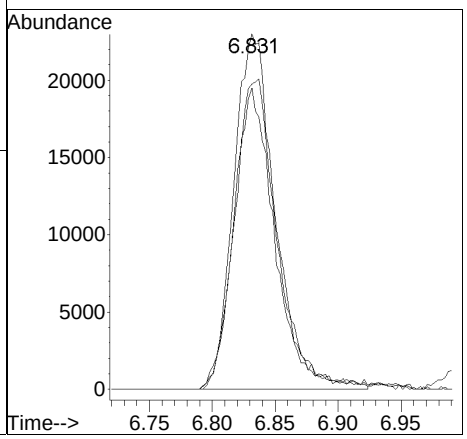


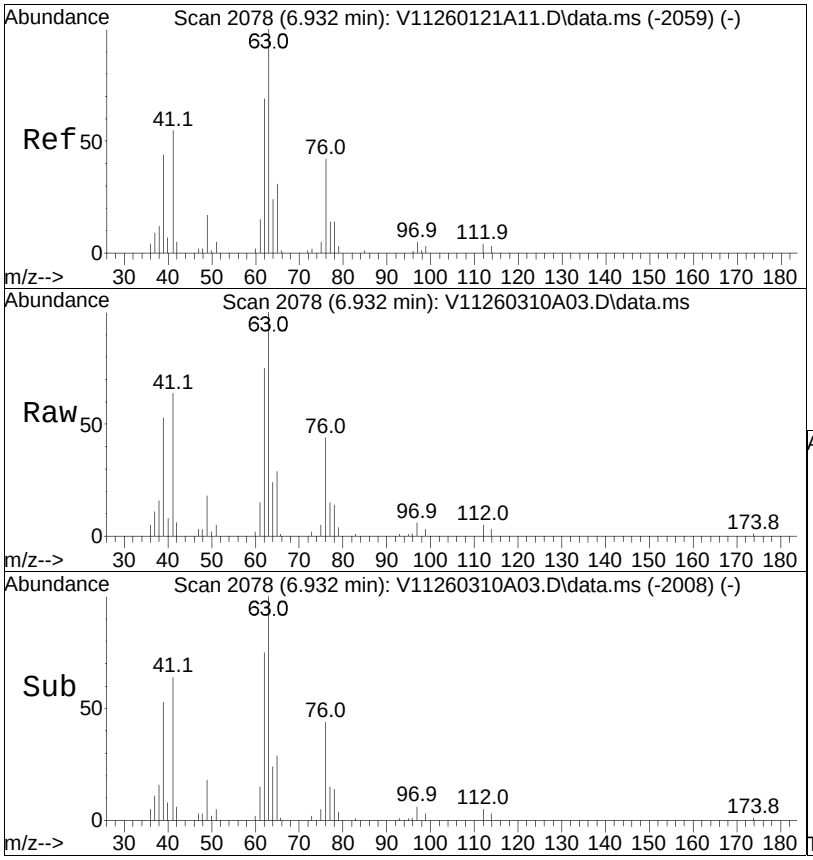


#50
Dibromomethane
Concen: 39.04 ug/L
RT: 6.831 min Scan# 2042
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 93 Resp: 53659

Ion	Ratio	Lower	Upper
93	100		
95	81.5	65.7	98.5
174	87.2	80.2	120.4

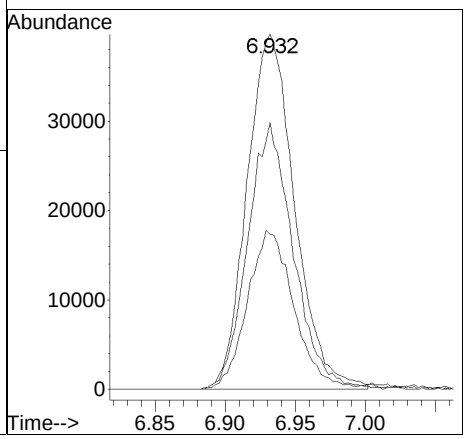


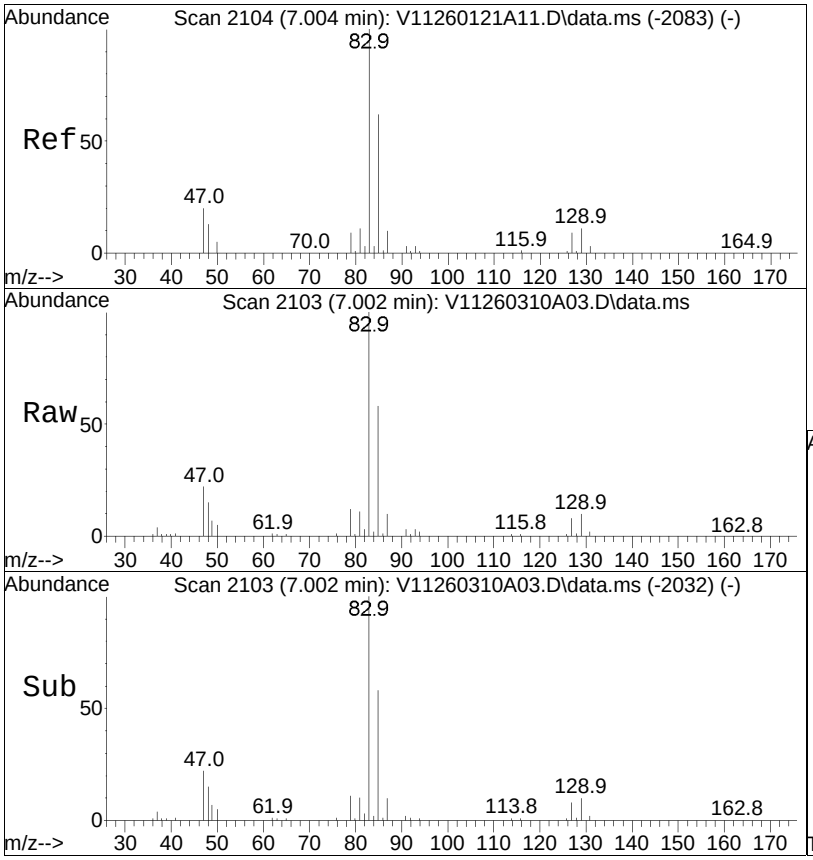


#51
1,2-Dichloropropane
Concen: 42.56 ug/L
RT: 6.932 min Scan# 2078
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 63 Resp: 94230

Ion	Ratio	Lower	Upper
63	100		
62	71.7	57.9	86.9
76	43.4	30.1	45.1

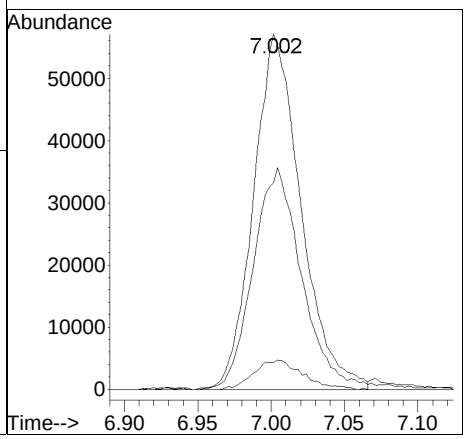


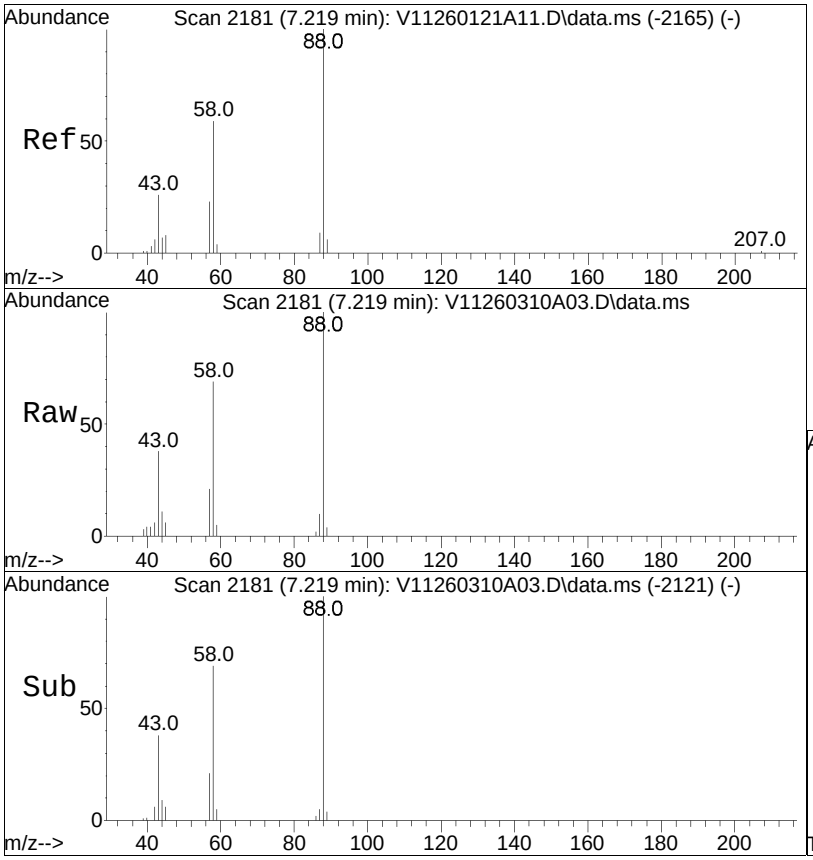


#54
Bromodichloromethane
Concen: 41.55 ug/L
RT: 7.002 min Scan# 2103
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 83 Resp: 128682

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.6	77.4
127	8.4	7.1	10.7

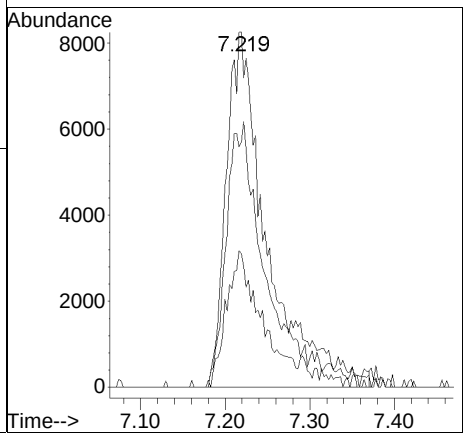


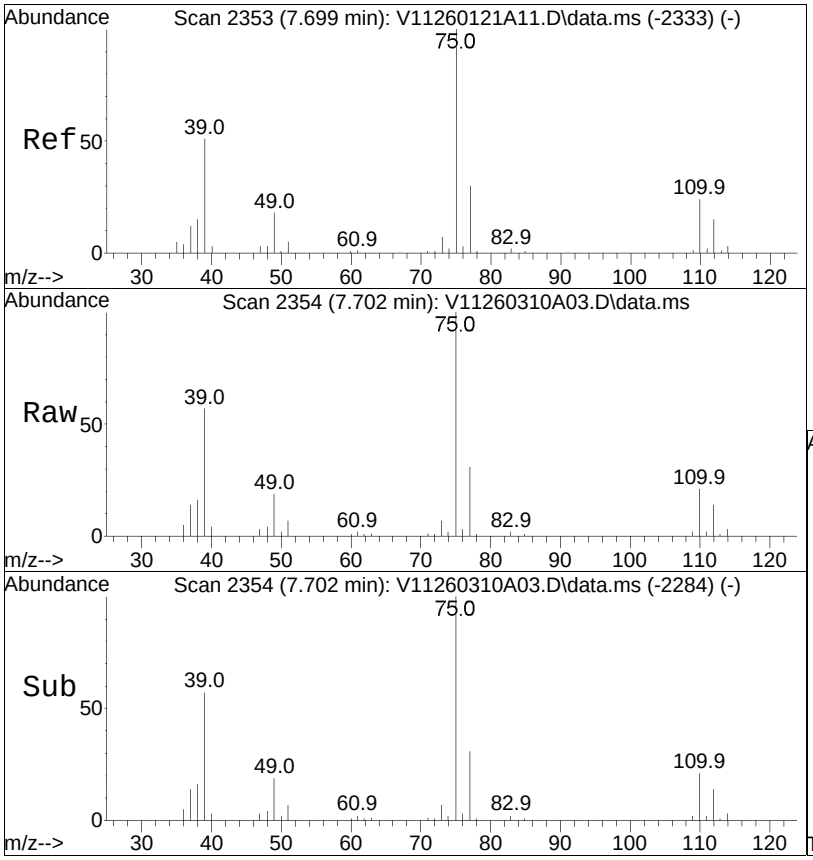


#57
1,4-Dioxane
Concen: 1940.55 ug/L M1
RT: 7.219 min Scan# 2181
Delta R.T. -0.034 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 88 Resp: 27877

Ion	Ratio	Lower	Upper
88	100		
58	24.5	75.4	113.0#
43	33.2	33.5	50.3#

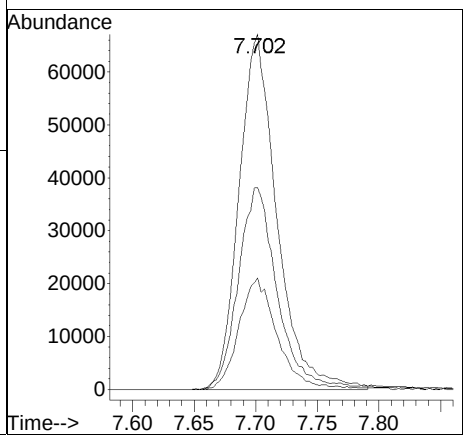


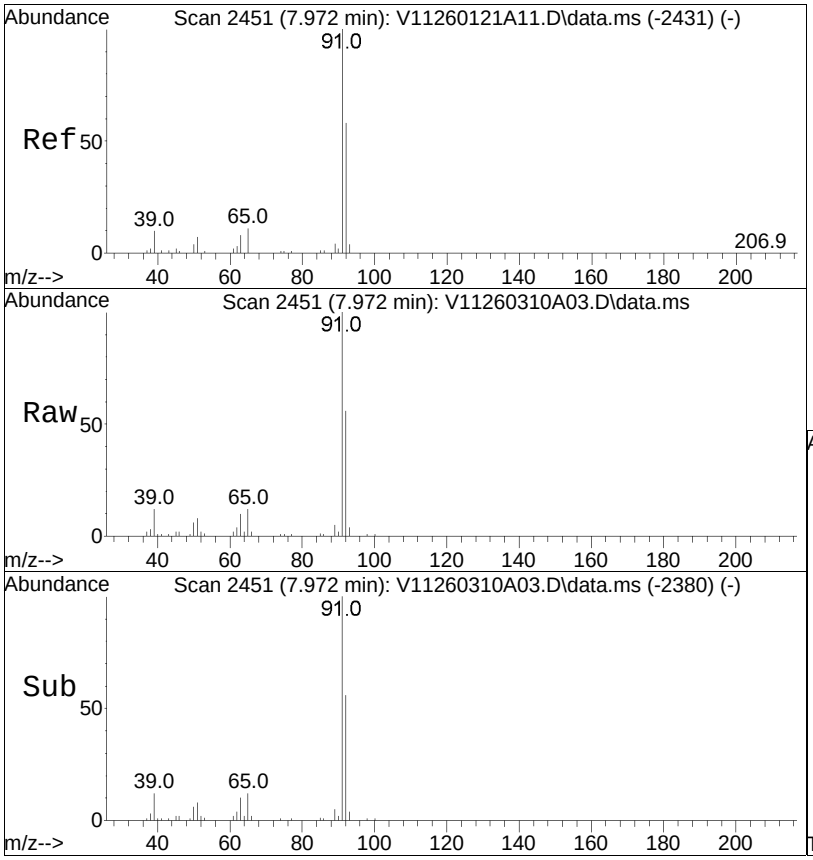


#58
cis-1,3-Dichloropropene
Concen: 40.60 ug/L
RT: 7.702 min Scan# 2354
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 75 Resp: 143787

Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.9	37.3
39	58.2	51.8	77.8

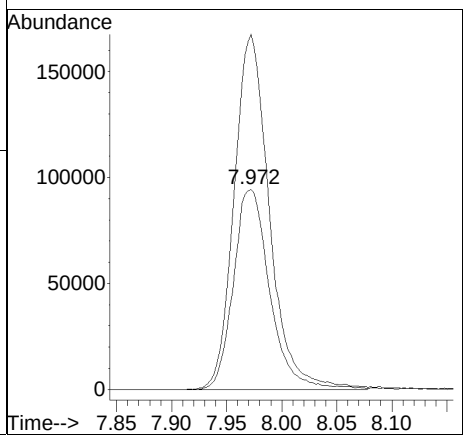


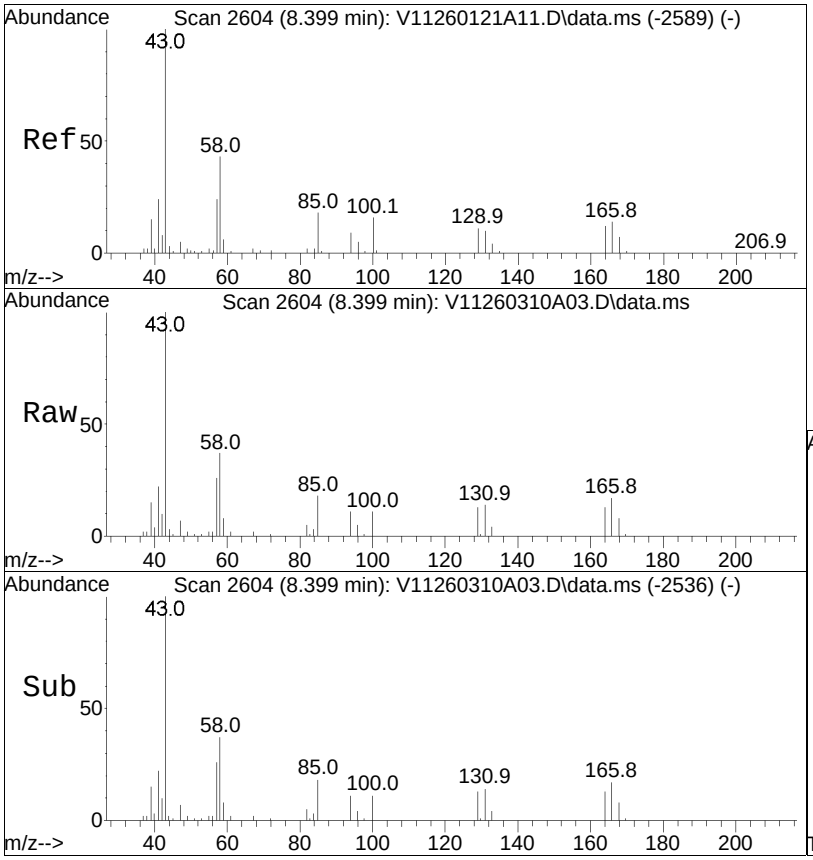


#61
Toluene
Concen: 29.73 ug/L
RT: 7.972 min Scan# 2451
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 92 Resp: 216930

Ion	Ratio	Lower	Upper
92	100		
91	172.5	133.7	200.5

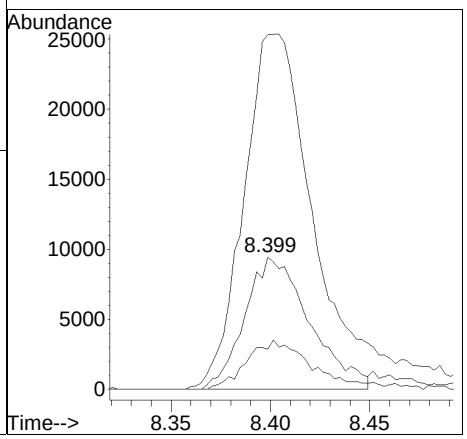


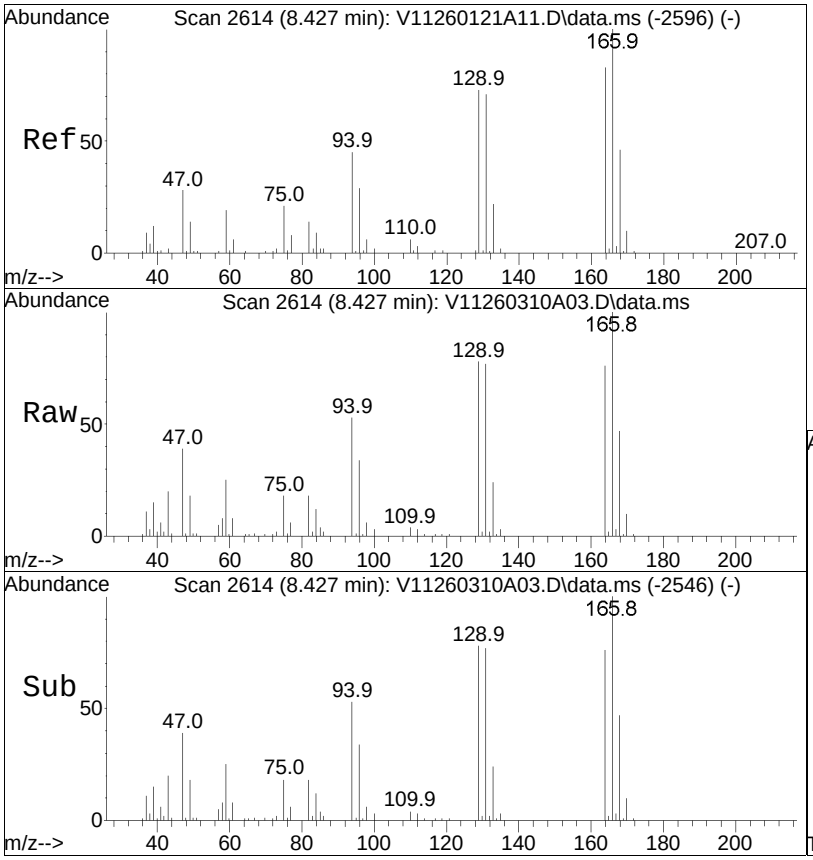


#62
4-Methyl-2-pentanone
Concen: 23.51 ug/L
RT: 8.399 min Scan# 2604
Delta R.T. -0.011 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 58 Resp: 21491

Ion	Ratio	Lower	Upper
58	100		
100	37.3	22.0	33.0#
43	289.2	236.9	355.3

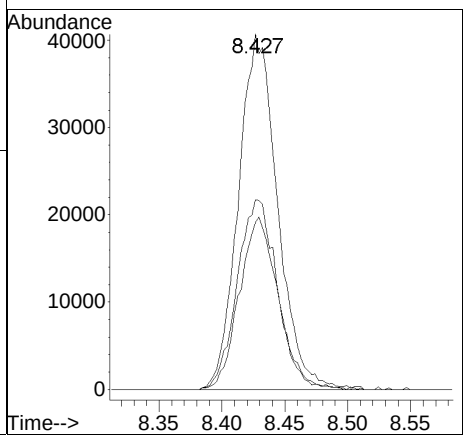


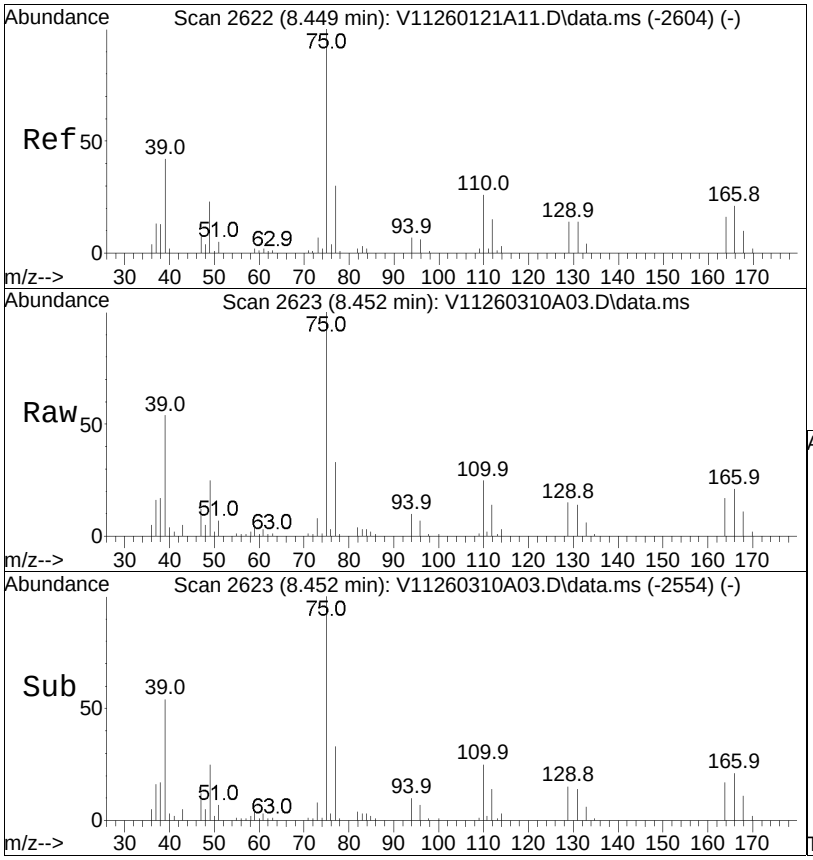


#63
Tetrachloroethene
Concen: 30.15 ug/L
RT: 8.427 min Scan# 2614
Delta R.T. -0.011 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:166 Resp: 88282

Ion	Ratio	Lower	Upper
166	100		
168	47.7	28.2	68.2
94	54.6	26.3	66.3

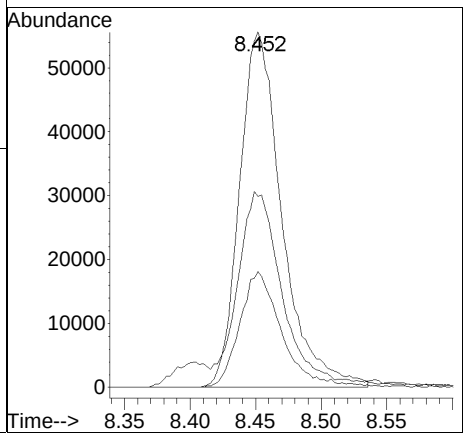


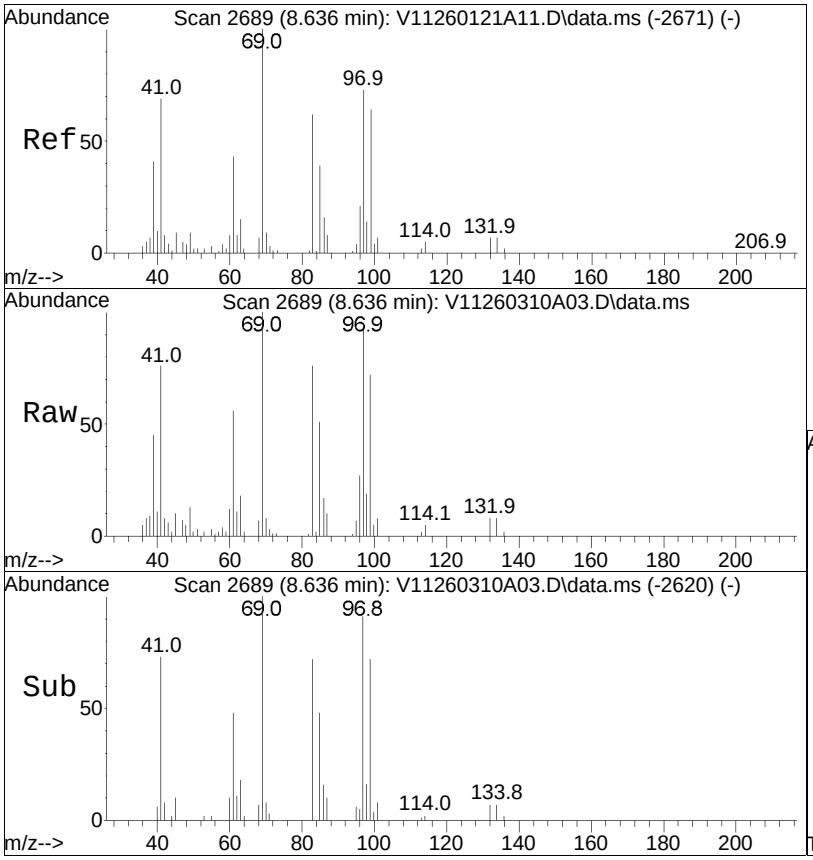


#65
trans-1,3-Dichloropropene
Concen: 28.78 ug/L
RT: 8.452 min Scan# 2623
Delta R.T. -0.008 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 75 Resp: 125383

Ion	Ratio	Lower	Upper
75	100		
77	32.2	11.4	51.4
39	53.3	50.3	90.3

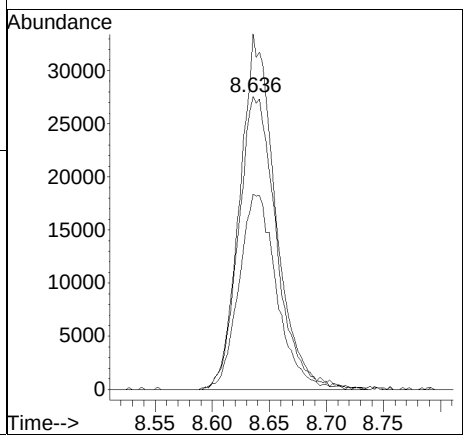


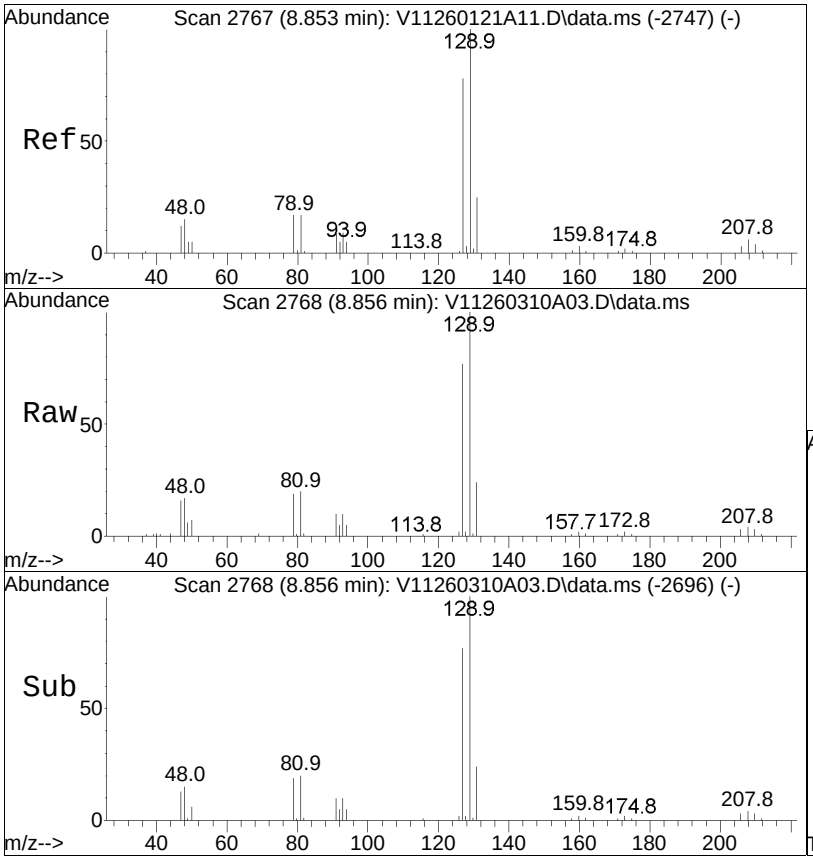


#68
1,1,2-Trichloroethane
Concen: 29.05 ug/L
RT: 8.636 min Scan# 2689
Delta R.T. -0.008 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 83 Resp: 63731

Ion	Ratio	Lower	Upper
83	100		
97	114.4	97.6	137.6
85	66.4	46.8	86.8

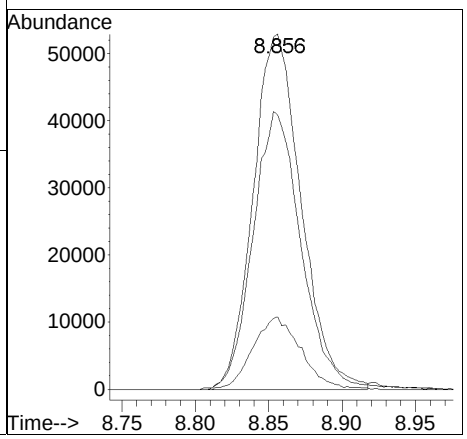


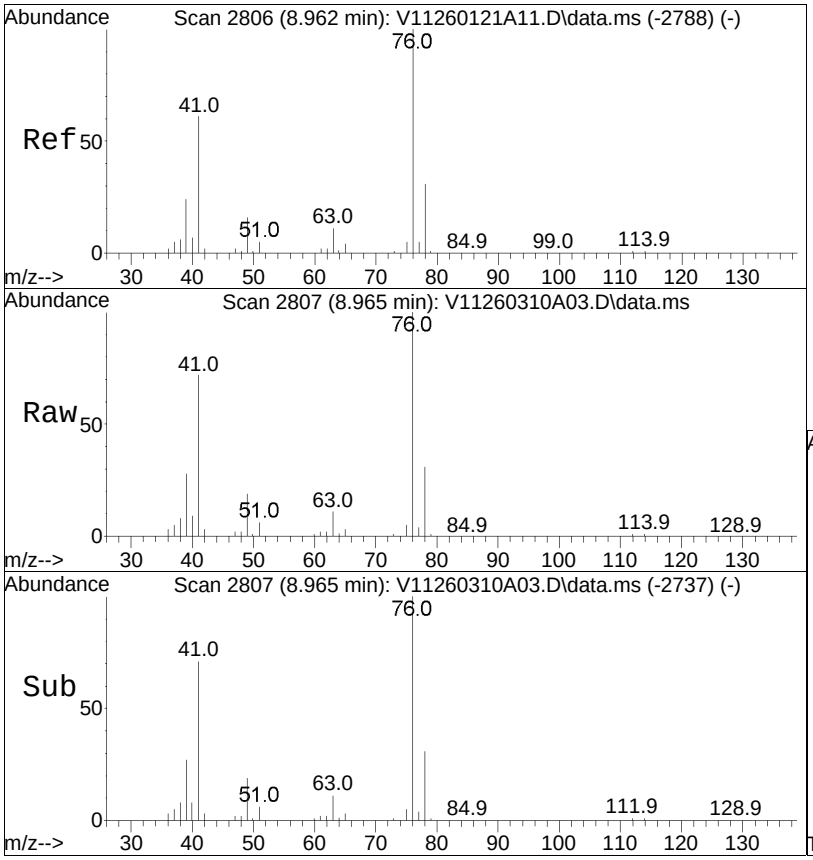


#69
Chlorodibromomethane
Concen: 37.51 ug/L
RT: 8.856 min Scan# 2768
Delta R.T. -0.000 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:129 Resp: 120760

Ion	Ratio	Lower	Upper
129	100		
81	20.4	0.0	36.0
127	78.1	56.0	96.0

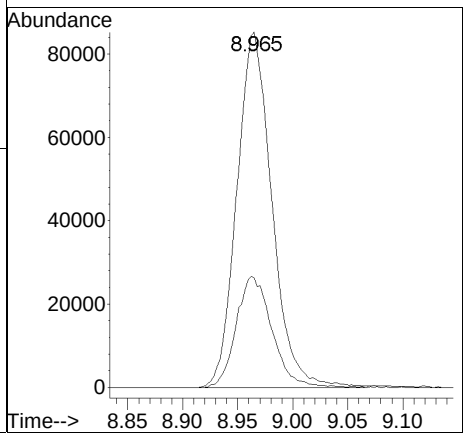


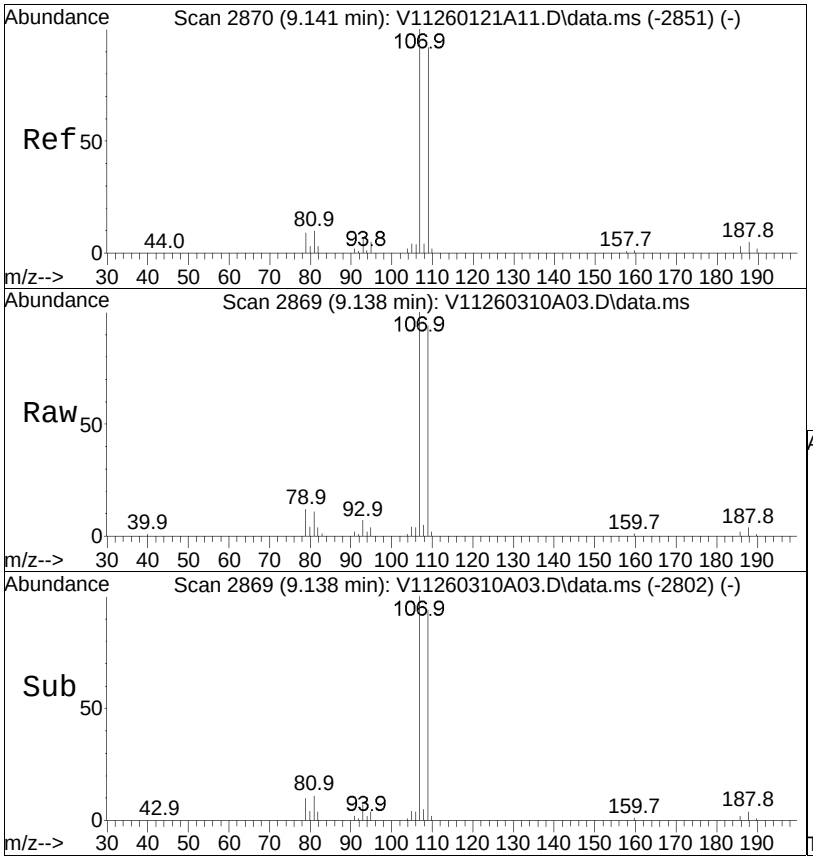


#70
1,3-Dichloropropane
Concen: 43.54 ug/L
RT: 8.965 min Scan# 2807
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 76 Resp: 189100

Ion	Ratio	Lower	Upper
76	100		
78	31.6	25.9	38.9

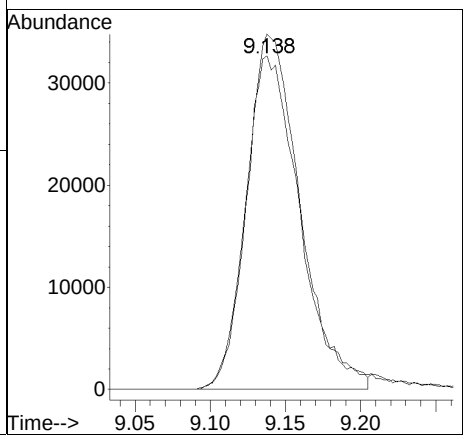


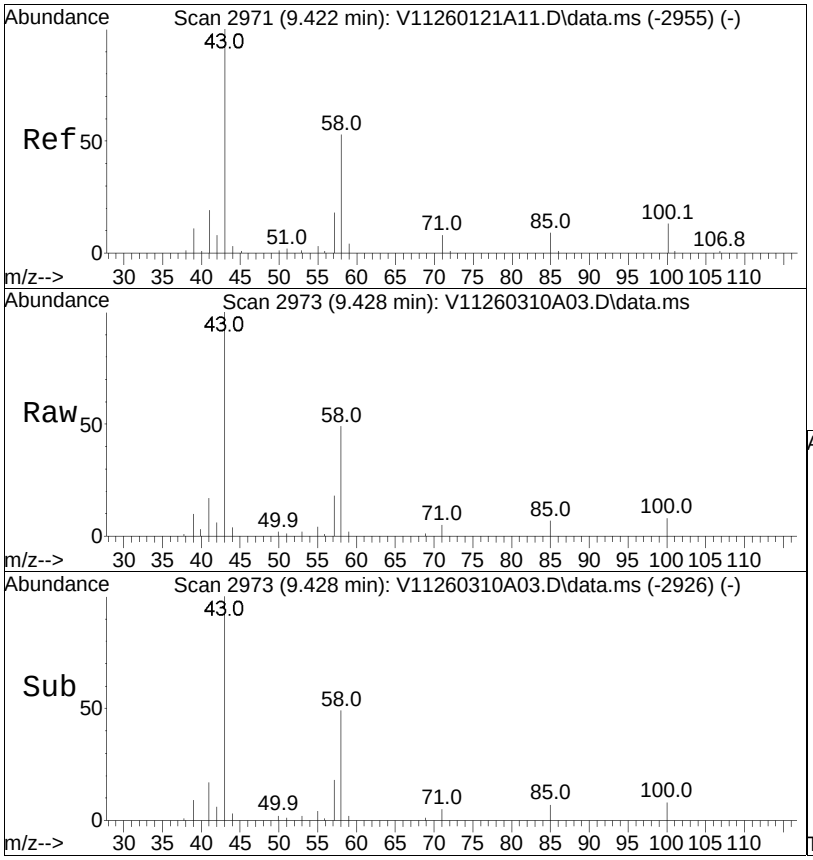


#71
1,2-Dibromoethane
Concen: 35.34 ug/L
RT: 9.138 min Scan# 2869
Delta R.T. -0.014 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:107 Resp: 86403

Ion	Ratio	Lower	Upper
107	100		
109	95.2	76.2	114.4

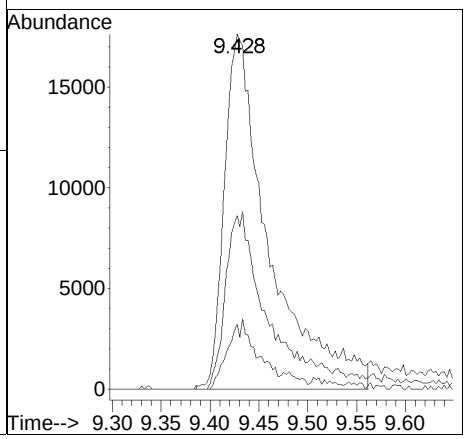


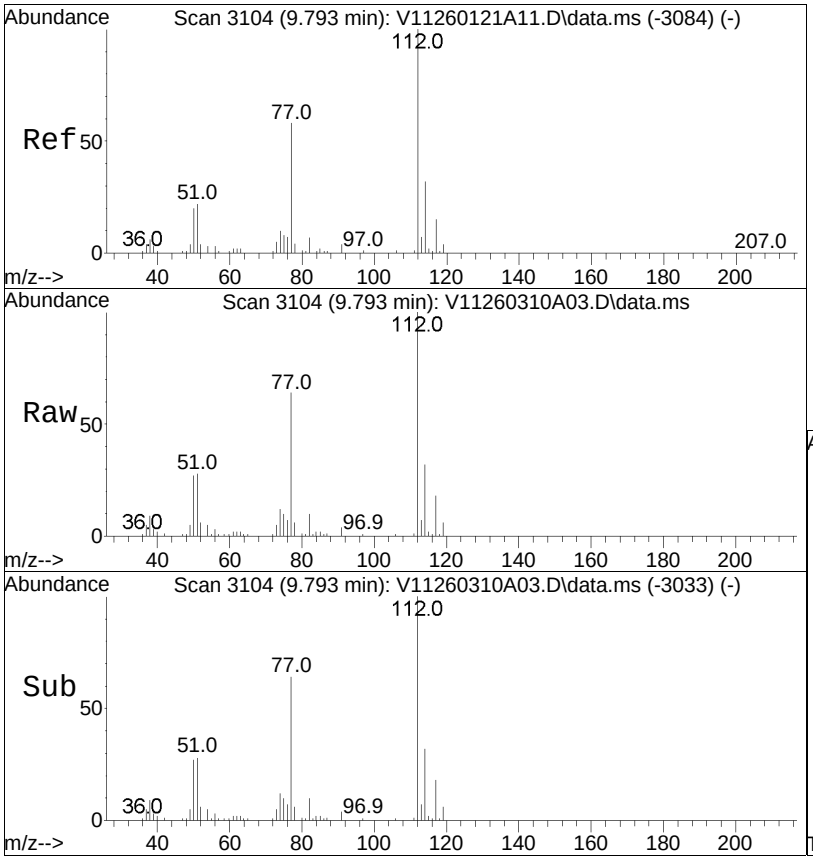


#72
2-Hexanone
Concen: 42.49 ug/L M1
RT: 9.428 min Scan# 2973
Delta R.T. -0.070 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 43 Resp: 56604

Ion	Ratio	Lower	Upper
43	100		
58	42.5	37.9	56.9
57	5.7	12.6	19.0#

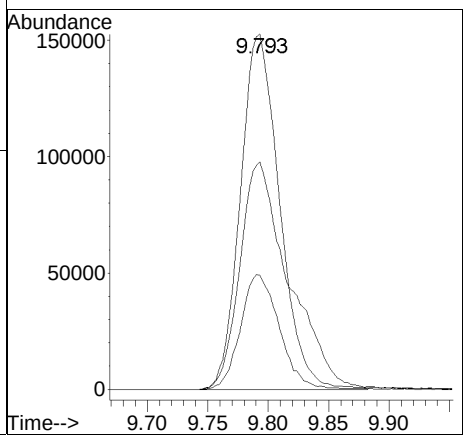


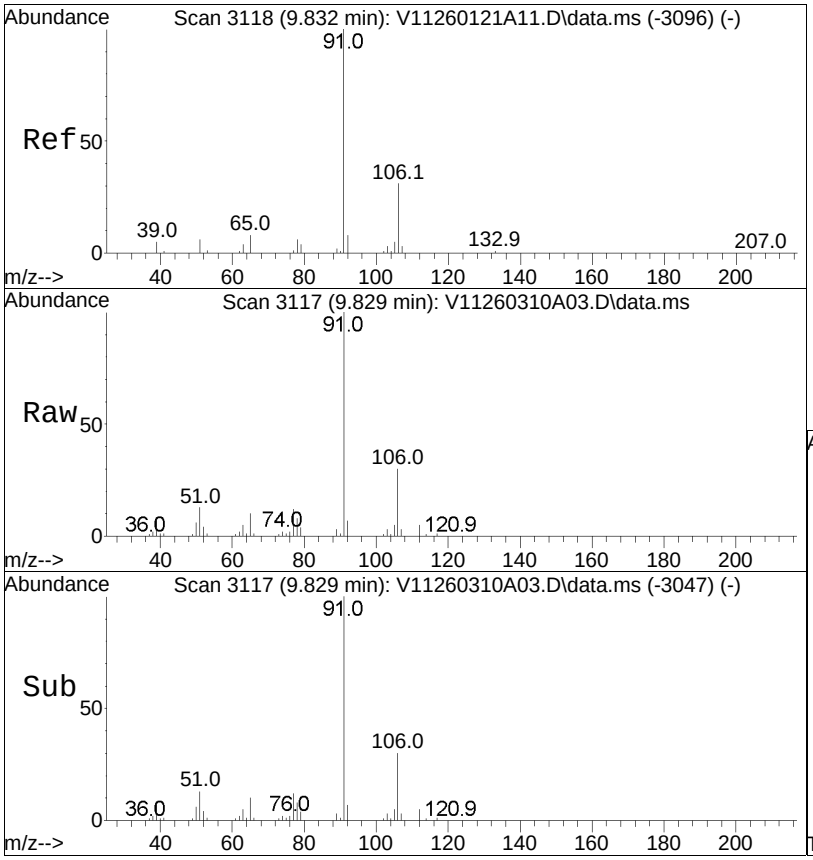


#73
Chlorobenzene
Concen: 40.88 ug/L
RT: 9.793 min Scan# 3104
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:112 Resp: 343504

Ion	Ratio	Lower	Upper
112	100		
77	80.1	47.0	70.4#
114	32.1	25.9	38.9

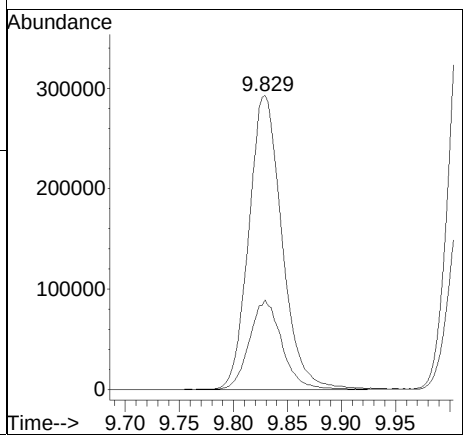


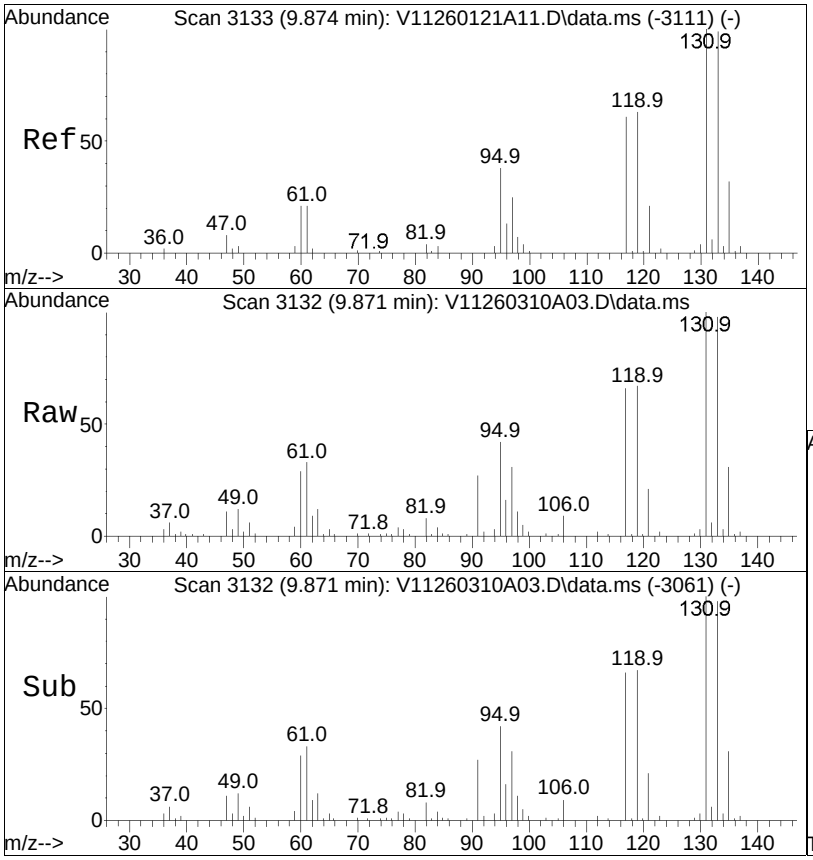


#74
Ethylbenzene
Concen: 44.55 ug/L
RT: 9.829 min Scan# 3117
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 91 Resp: 625484

Ion	Ratio	Lower	Upper
91	100		
106	29.6	25.0	37.4

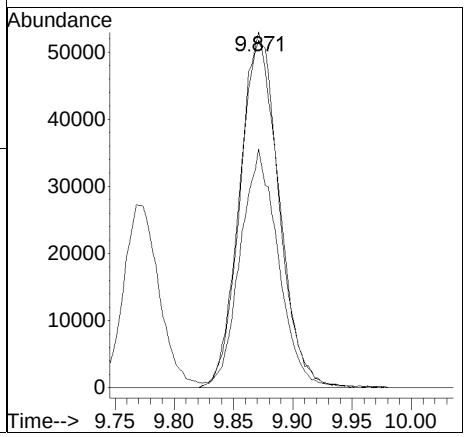


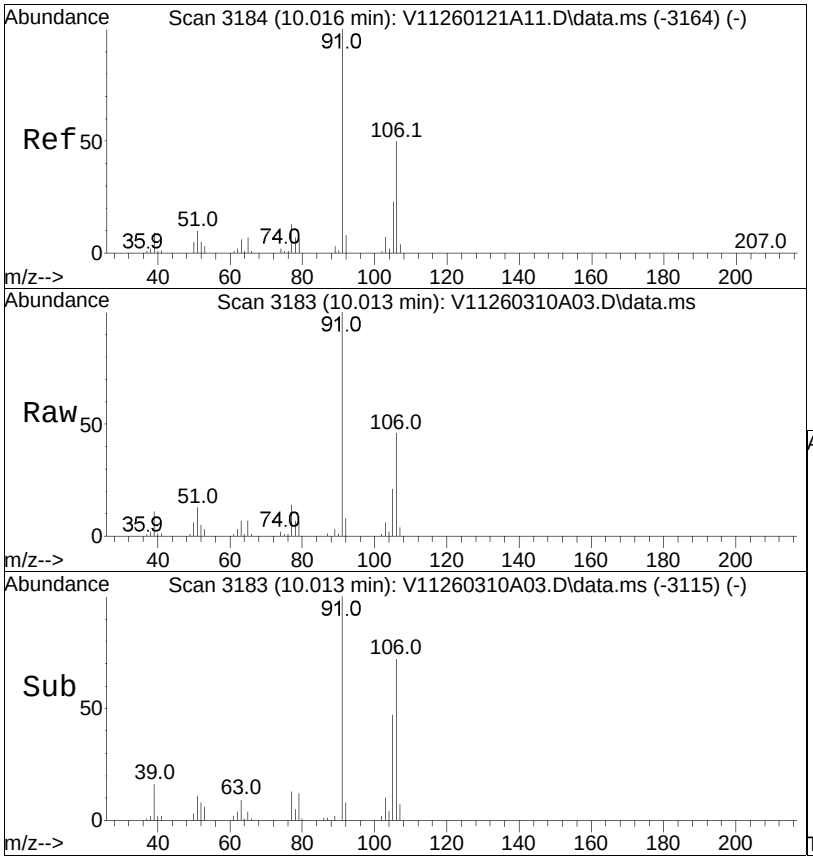


#75
1,1,1,2-Tetrachloroethane
Concen: 38.40 ug/L
RT: 9.871 min Scan# 3132
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:131 Resp: 123232

Ion	Ratio	Lower	Upper
131	100		
133	95.9	75.2	115.2
119	64.2	44.7	84.7

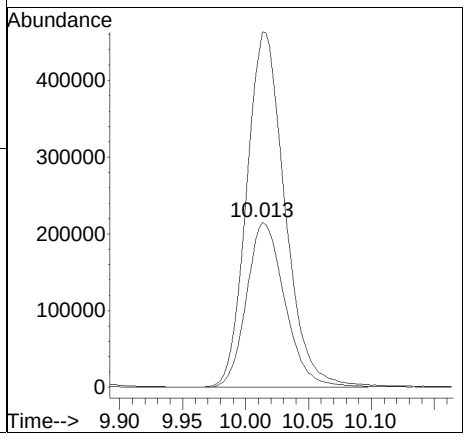


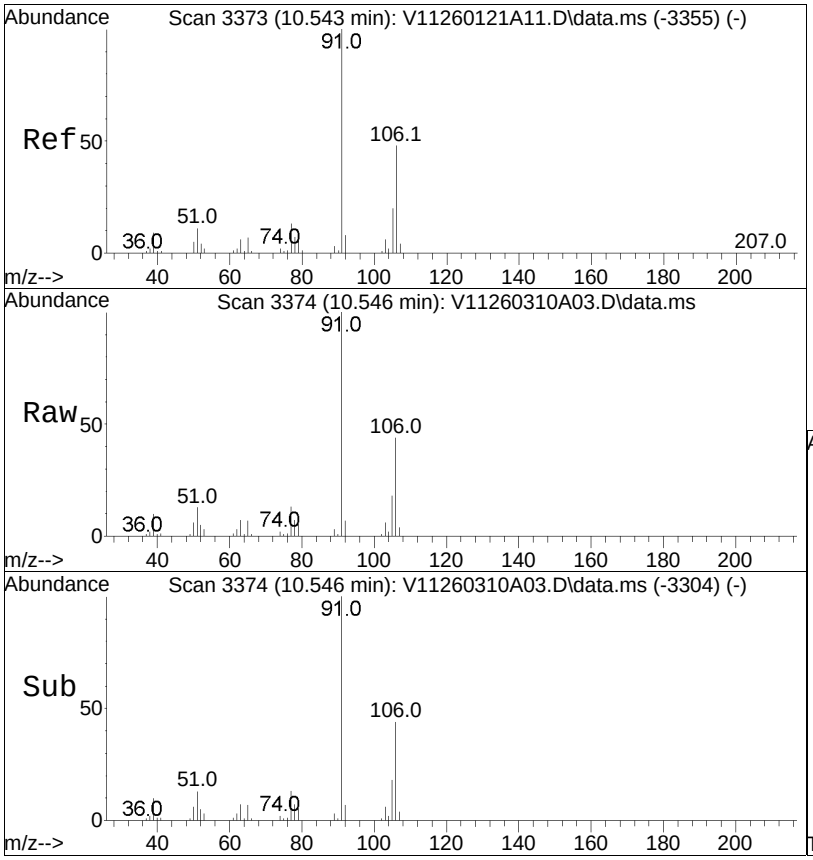


#76
p/m Xylene
Concen: 85.97 ug/L
RT: 10.013 min Scan# 3183
Delta R.T. -0.011 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:106 Resp: 455729

Ion	Ratio	Lower	Upper
106	100		
91	215.1	159.3	238.9

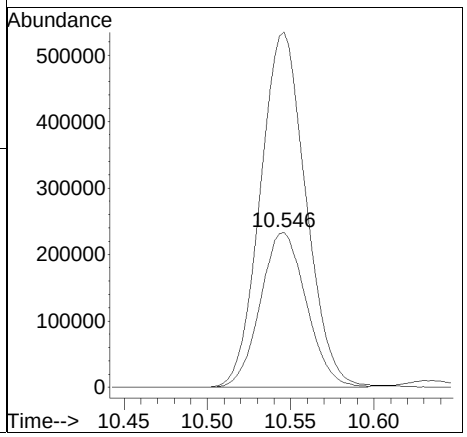


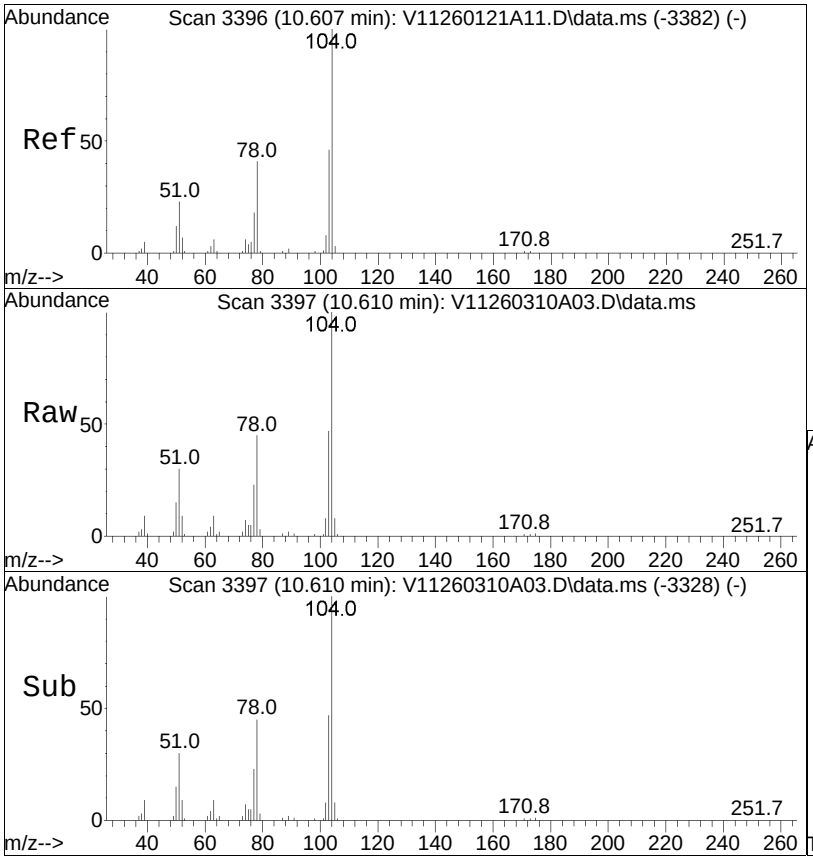


#77
o Xylene
Concen: 82.79 ug/L
RT: 10.546 min Scan# 3374
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:106 Resp: 447914

Ion	Ratio	Lower	Upper
106	100		
91	226.8	170.2	255.2

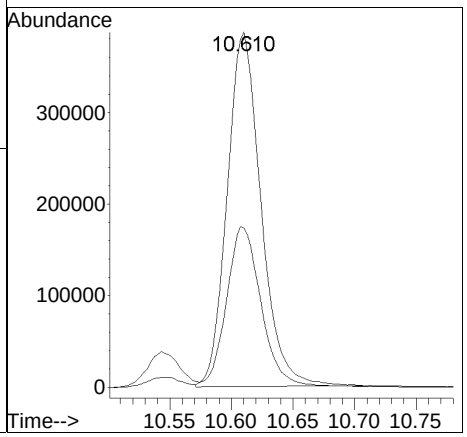


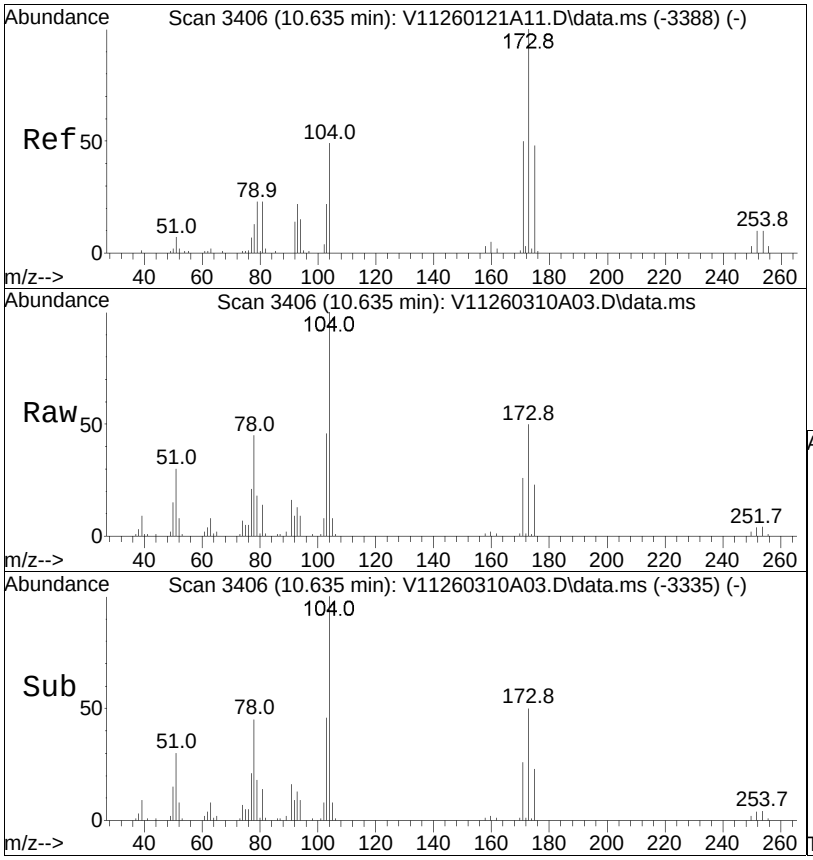


#78
Styrene
Concen: 81.36 ug/L
RT: 10.610 min Scan# 3397
Delta R.T. -0.008 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:104 Resp: 737669

Ion	Ratio	Lower	Upper
104	100		
78	45.6	34.4	51.6

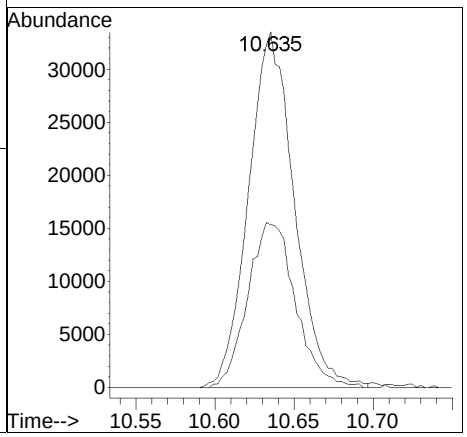


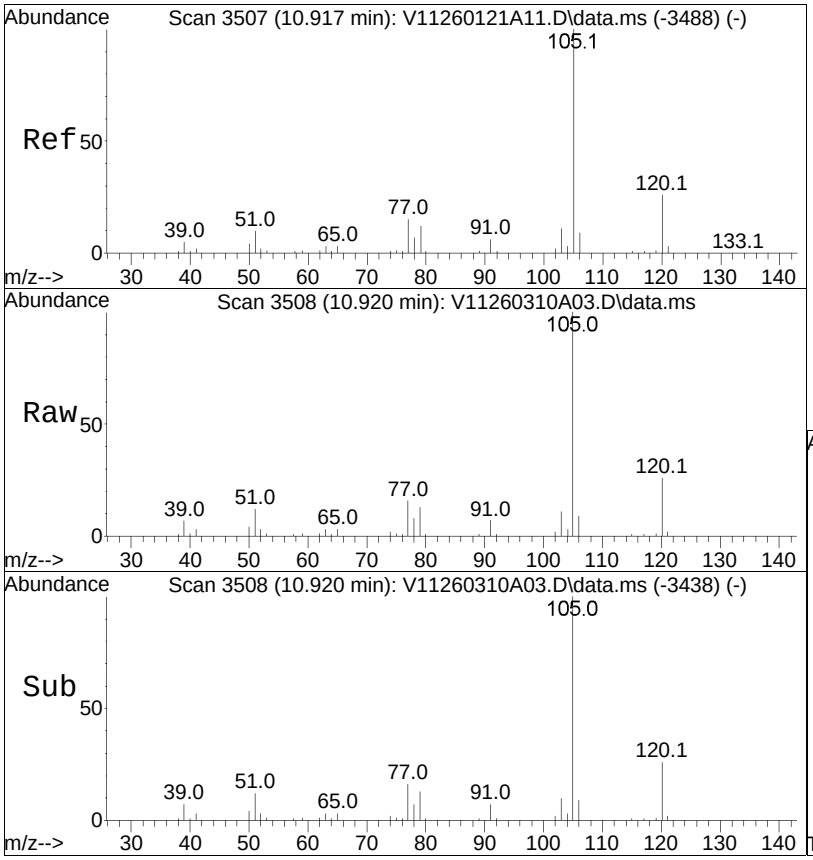


#80
Bromoform
Concen: 35.56 ug/L
RT: 10.635 min Scan# 3406
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:173 Resp: 67552

Ion	Ratio	Lower	Upper
173	100		
175	48.3	28.1	68.1

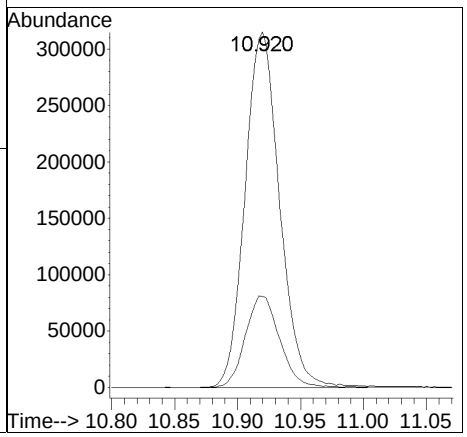


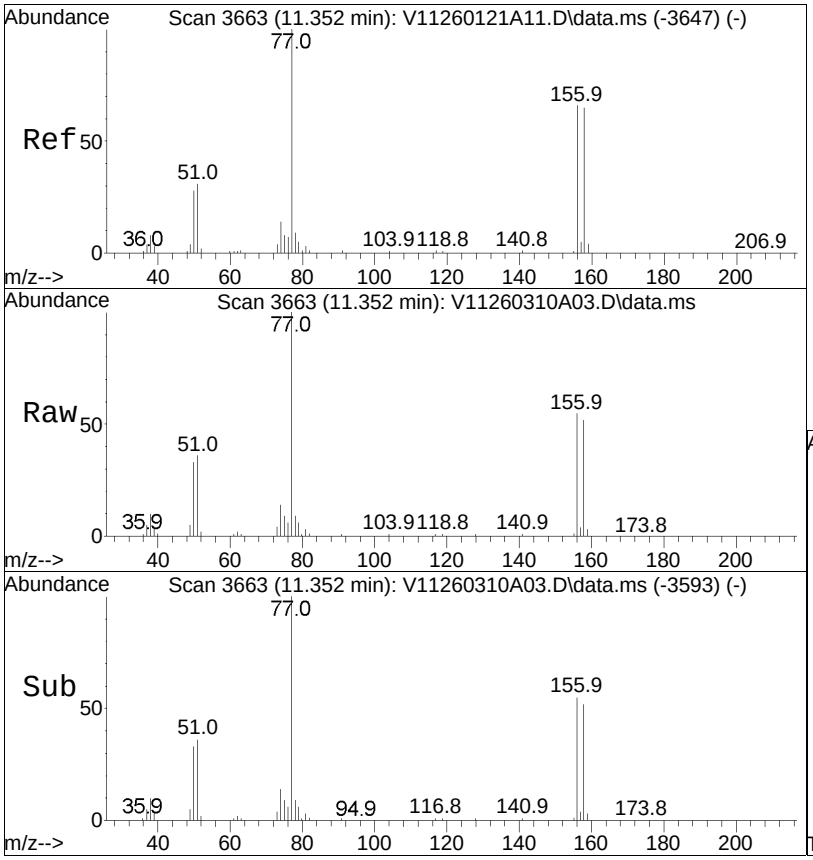


#82
Isopropylbenzene
Concen: 47.53 ug/L
RT: 10.920 min Scan# 3508
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:105 Resp: 602221

Ion	Ratio	Lower	Upper
105	100		
120	25.4	6.9	46.9

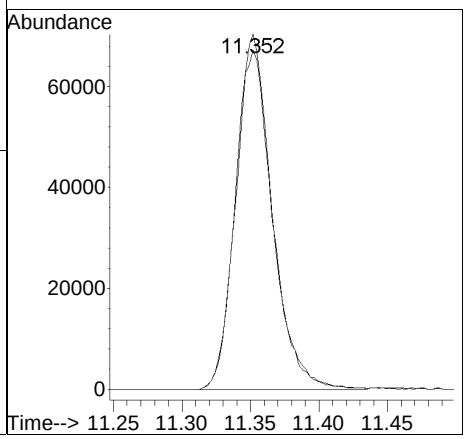


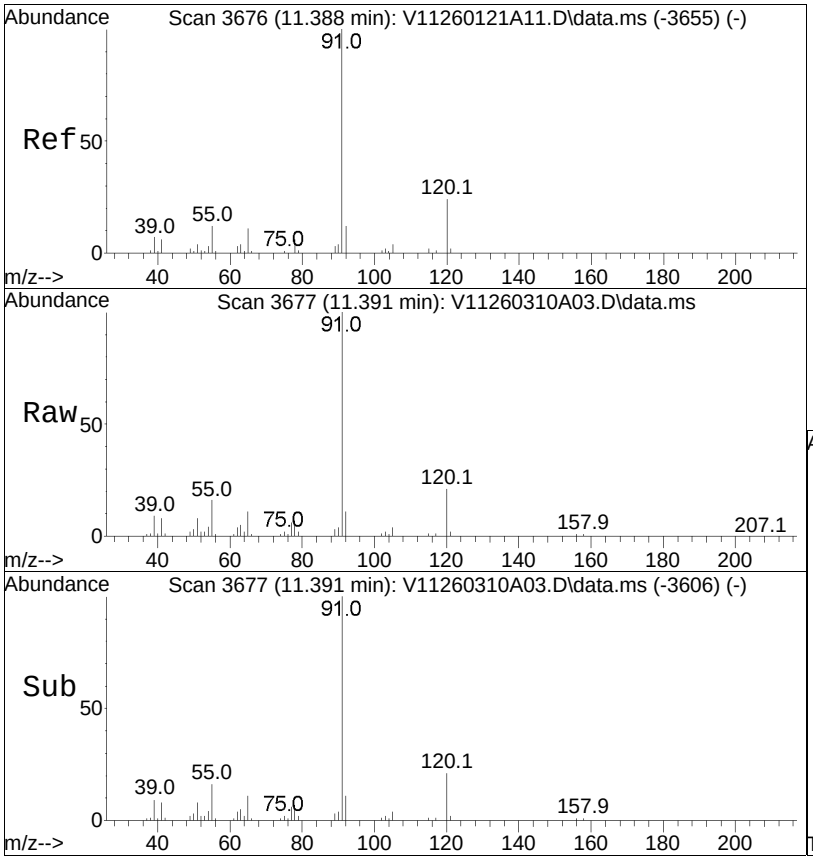


#84
Bromobenzene
Concen: 38.36 ug/L
RT: 11.352 min Scan# 3663
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:156 Resp: 130497

Ion	Ratio	Lower	Upper
156	100		
158	97.4	77.5	116.3

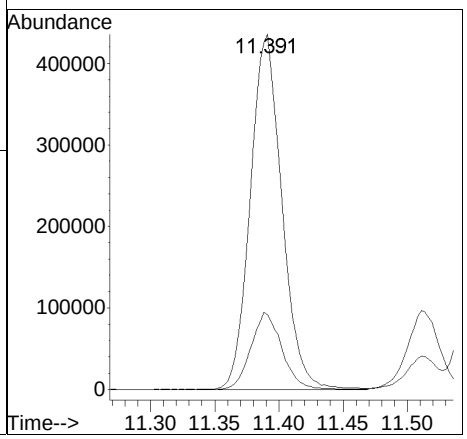


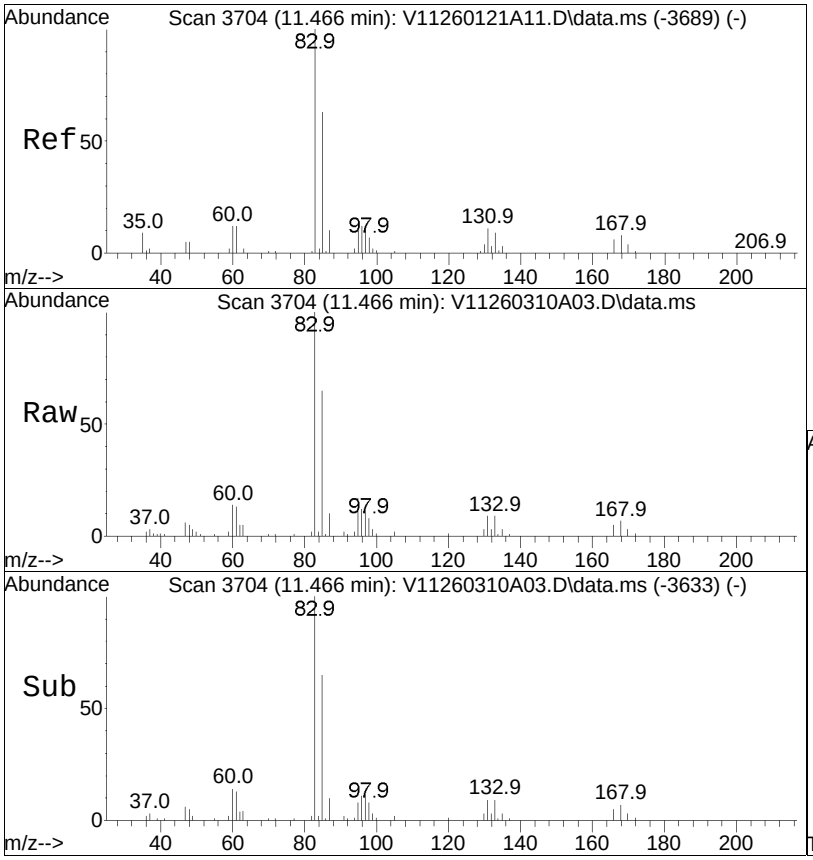


#85
n-Propylbenzene
Concen: 50.29 ug/L
RT: 11.391 min Scan# 3677
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 91 Resp: 744972

Ion	Ratio	Lower	Upper
91	100		
120	21.2	18.6	27.8

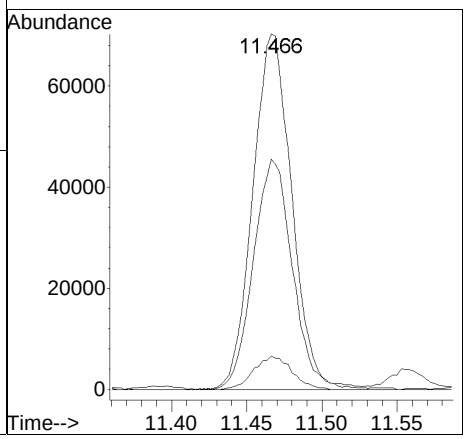


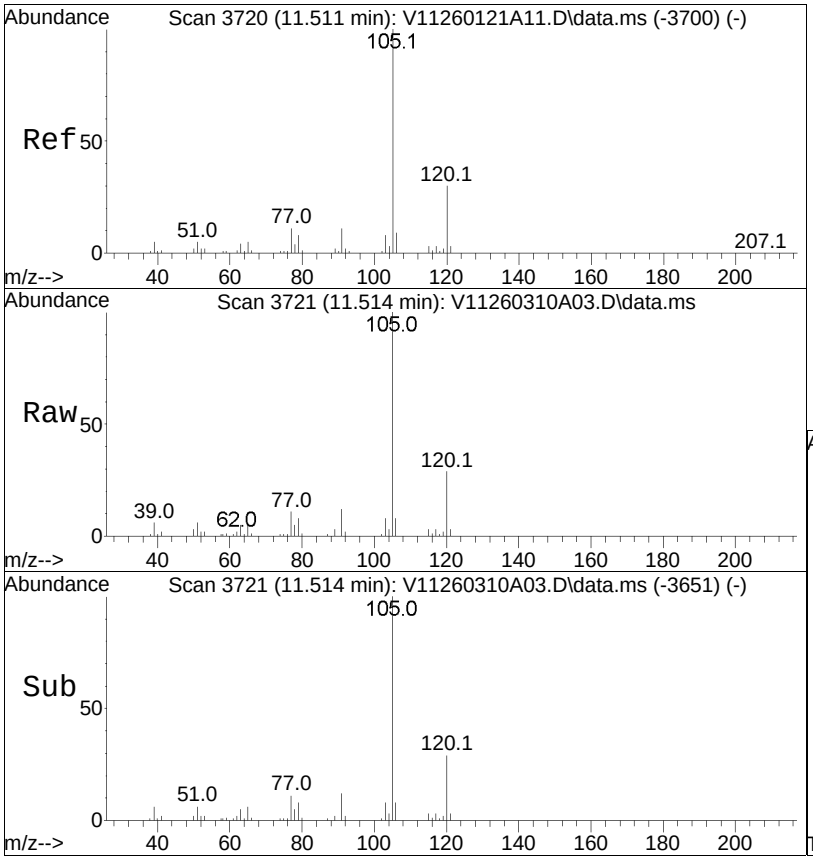


#87
1,1,2,2-Tetrachloroethane
Concen: 41.51 ug/L
RT: 11.466 min Scan# 3704
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 83 Resp: 126445

Ion	Ratio	Lower	Upper
83	100		
131	9.1	0.0	30.1
85	65.5	45.8	85.8

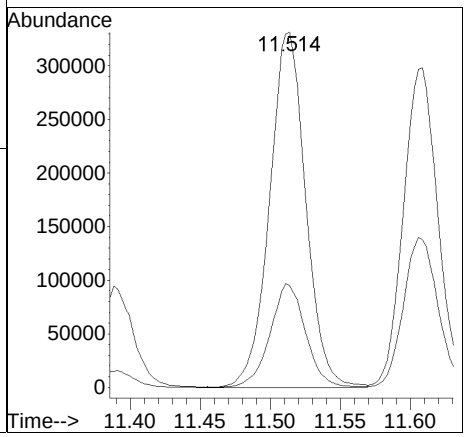


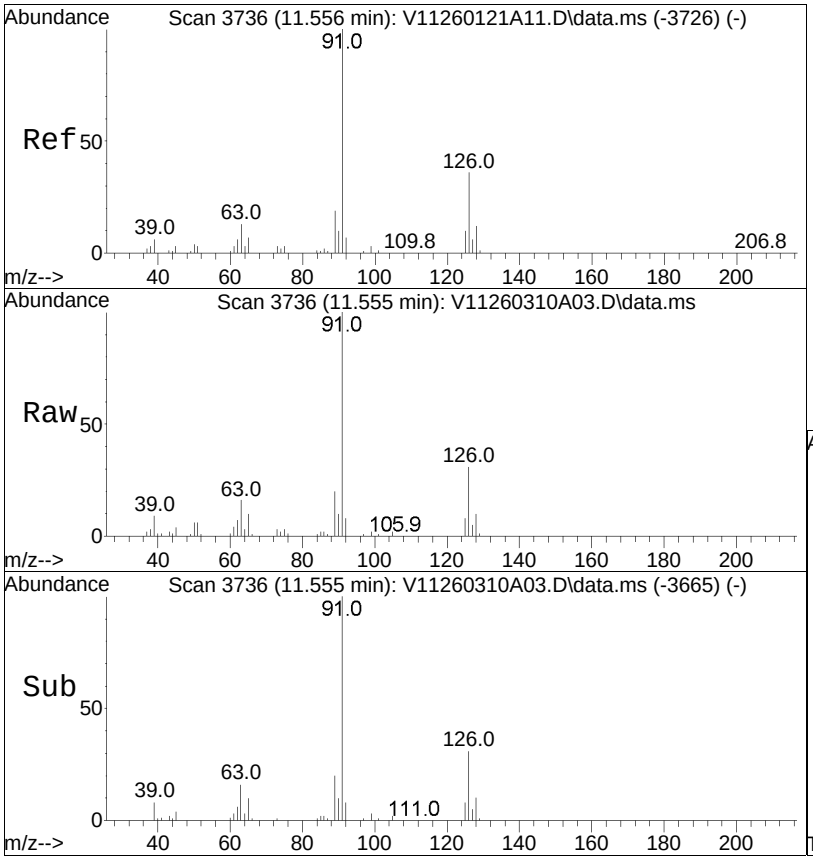


#88
4-Ethyltoluene
Concen: 47.59 ug/L
RT: 11.514 min Scan# 3721
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:105 Resp: 594636

Ion	Ratio	Lower	Upper
105	100		
120	28.4	19.5	40.5

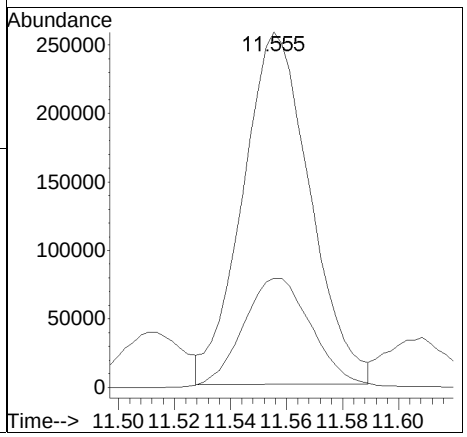


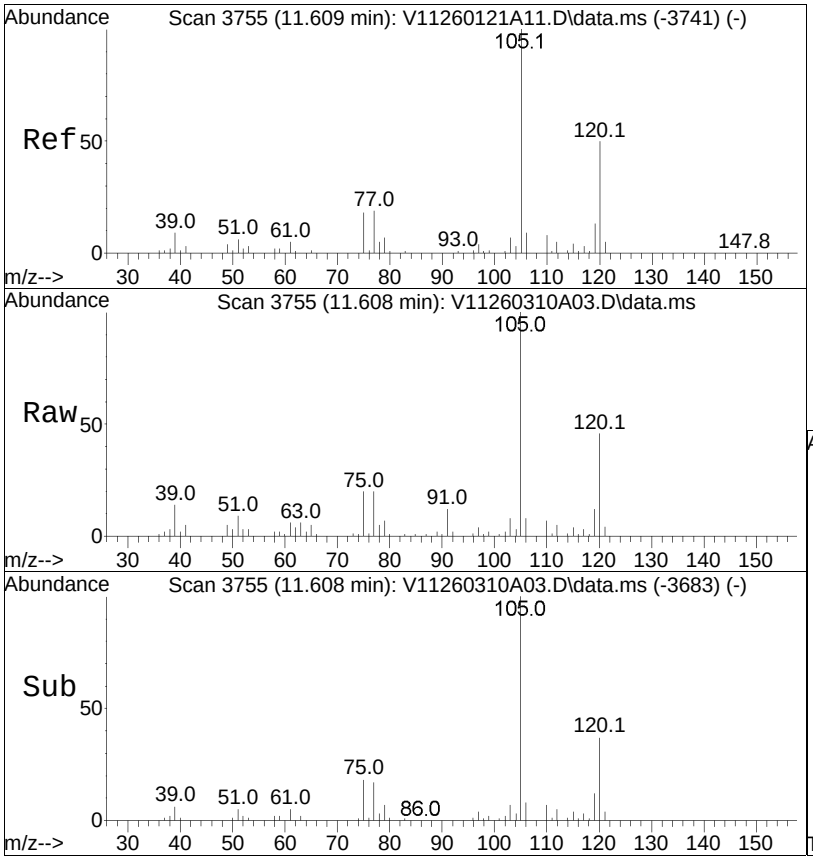


#89
2-Chlorotoluene
Concen: 47.68 ug/L
RT: 11.555 min Scan# 3736
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 91 Resp: 430291

Ion	Ratio	Lower	Upper
91	100		
126	32.0	24.3	36.5

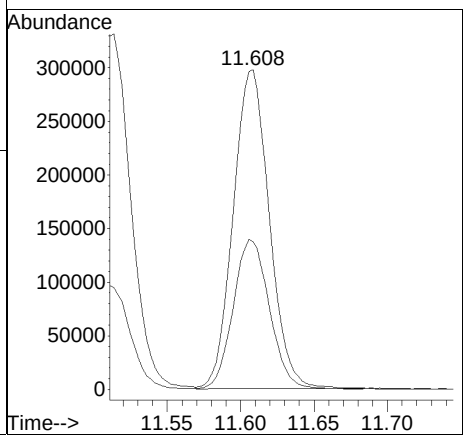


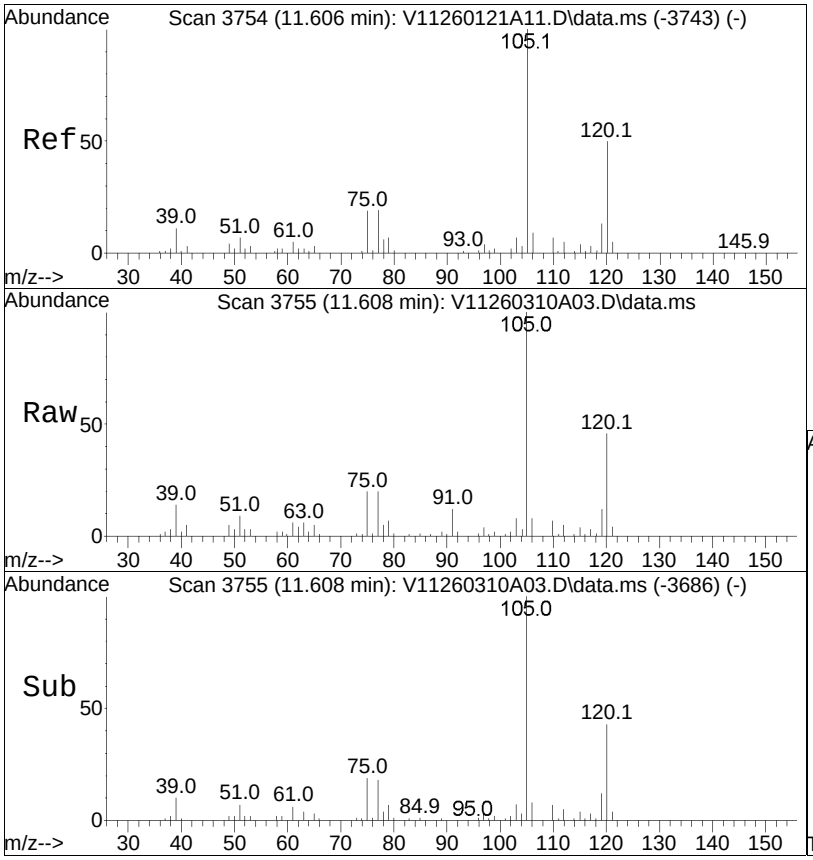


#90
1,3,5-Trimethylbenzene
Concen: 46.63 ug/L
RT: 11.608 min Scan# 3755
Delta R.T. -0.000 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:105 Resp: 509050

Ion	Ratio	Lower	Upper
105	100		
120	46.9	39.8	59.8

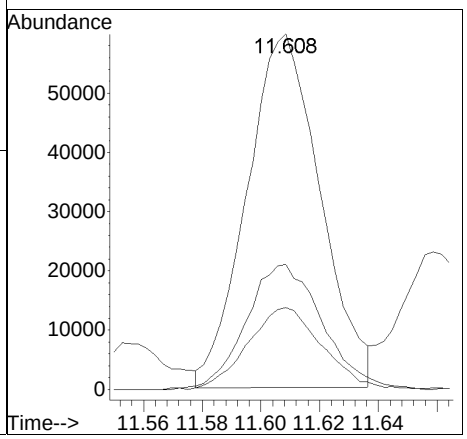


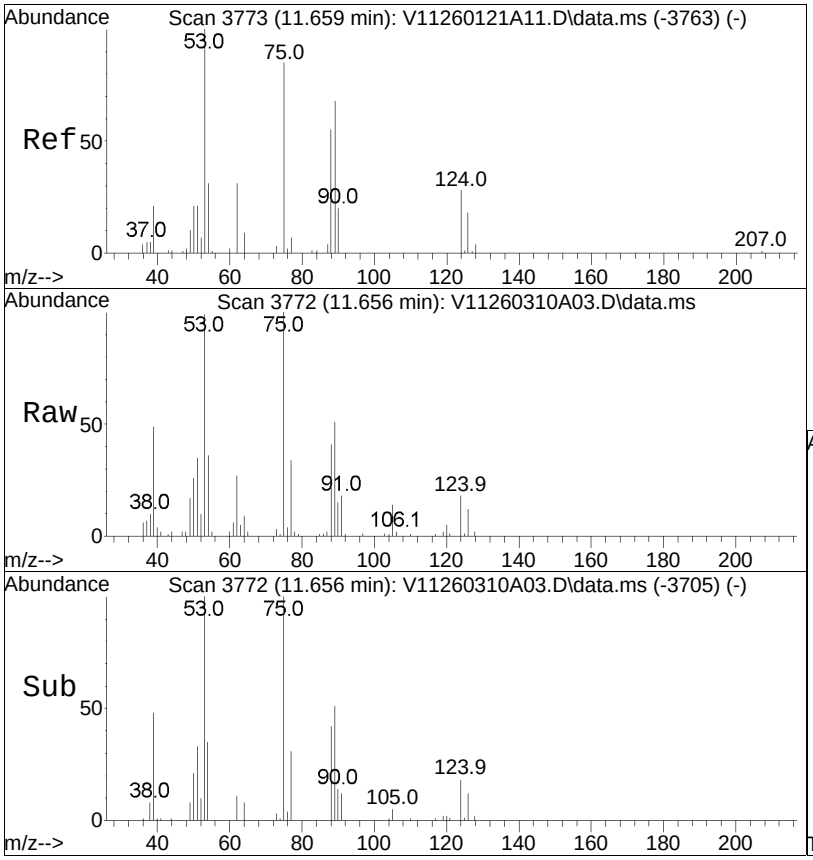


#91
1,2,3-Trichloropropane
Concen: 44.36 ug/L
RT: 11.608 min Scan# 3755
Delta R.T. -0.008 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 75 Resp: 103832

Ion	Ratio	Lower	Upper
75	100		
110	36.7	25.2	52.2
112	23.4	15.7	32.5

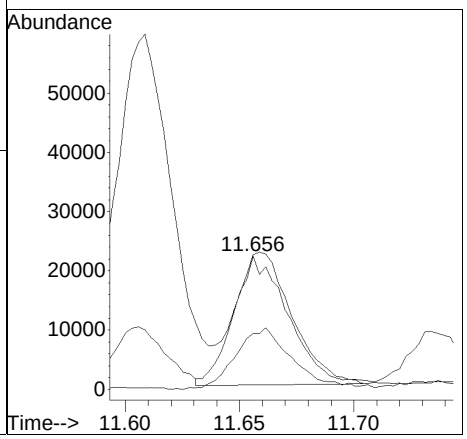


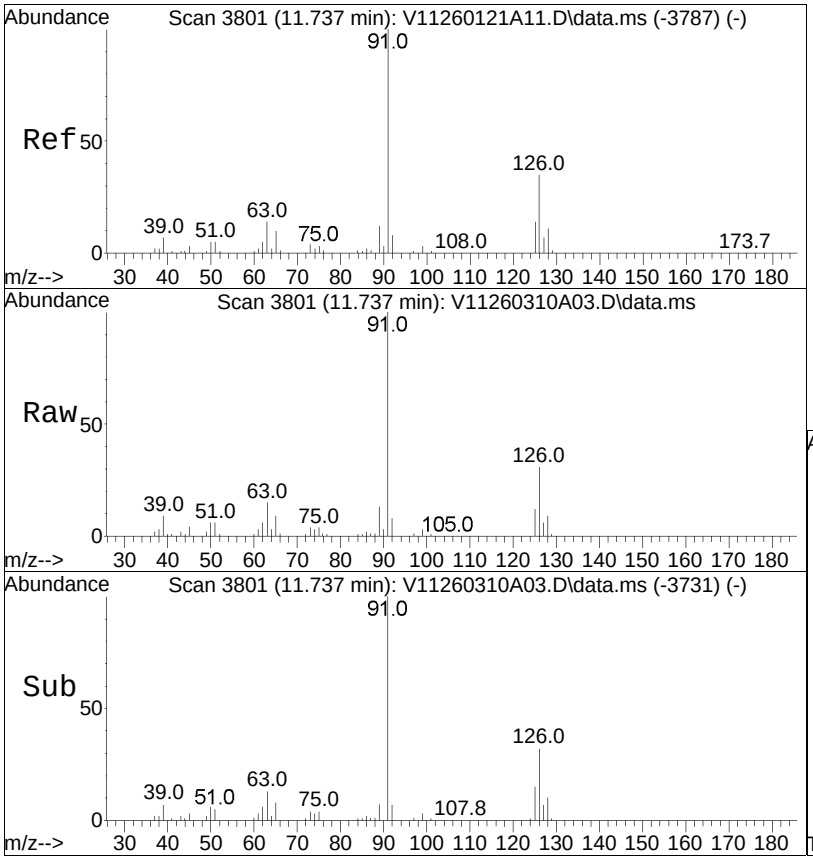


#92
trans-1,4-Dichloro-2-butene
Concen: 42.16 ug/L
RT: 11.656 min Scan# 3772
Delta R.T. -0.014 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 53 Resp: 36037

Ion	Ratio	Lower	Upper
53	100		
88	50.5	34.1	51.1
75	111.4	82.8	124.2

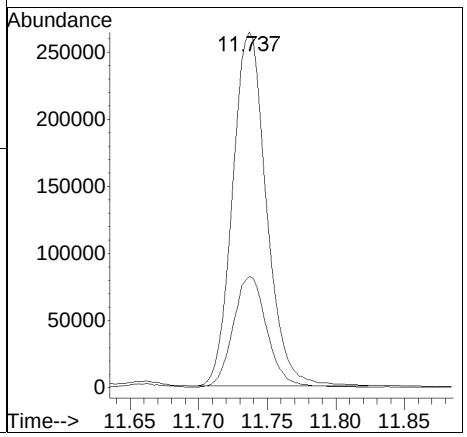


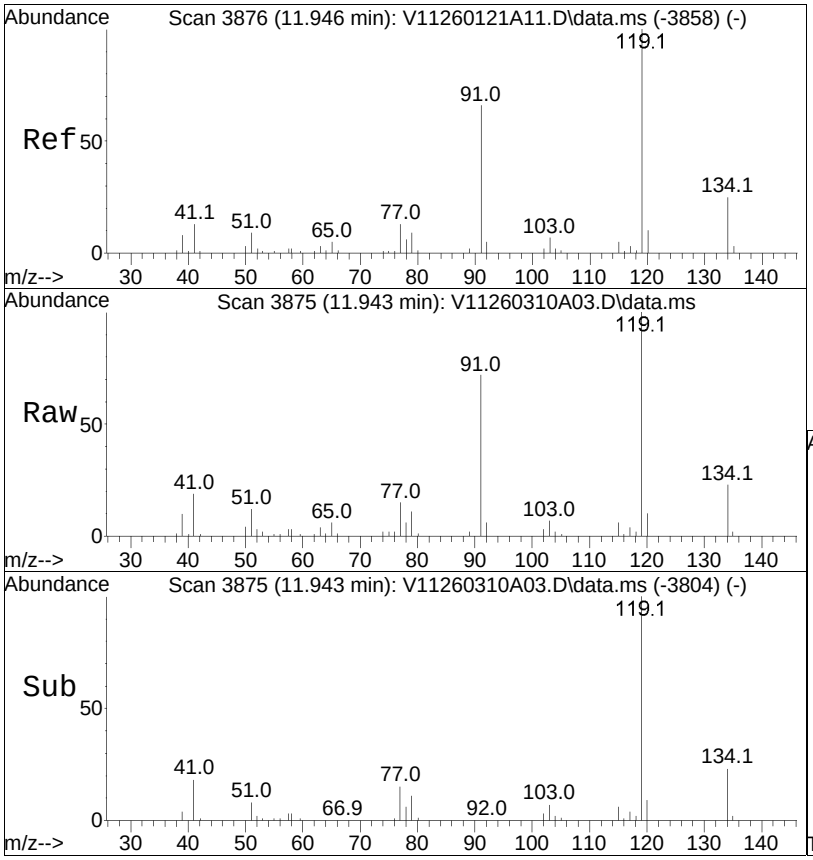


#93
4-Chlorotoluene
Concen: 48.36 ug/L
RT: 11.737 min Scan# 3801
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 91 Resp: 453702

Ion	Ratio	Lower	Upper
91	100		
126	30.9	27.9	41.9

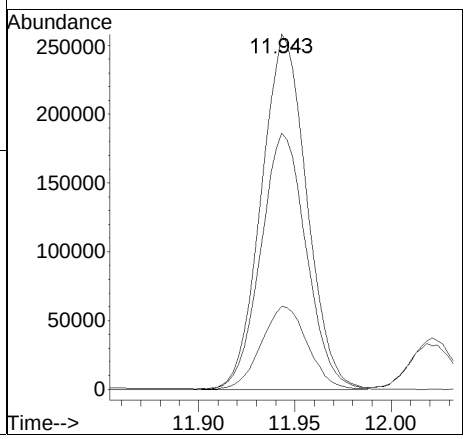


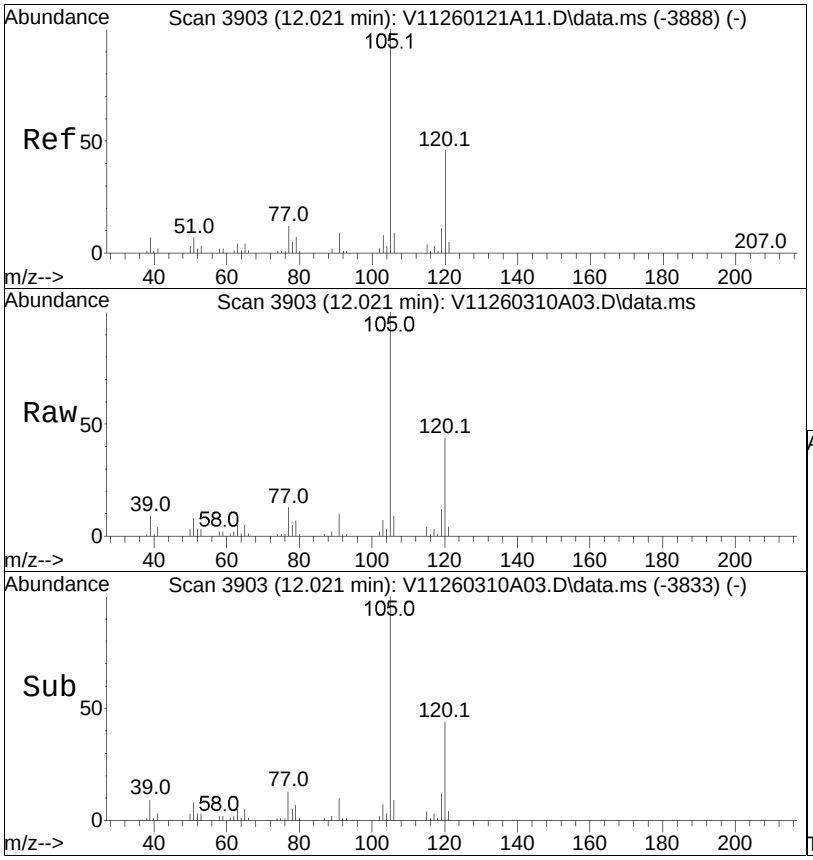


#94
tert-Butylbenzene
Concen: 46.28 ug/L
RT: 11.943 min Scan# 3875
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:119 Resp: 422802

Ion	Ratio	Lower	Upper
119	100		
91	72.2	53.0	79.4
134	23.9	19.8	29.6

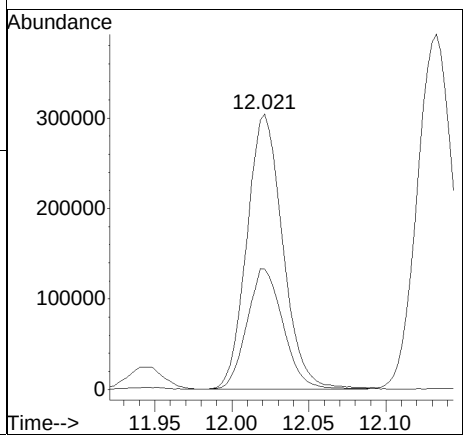


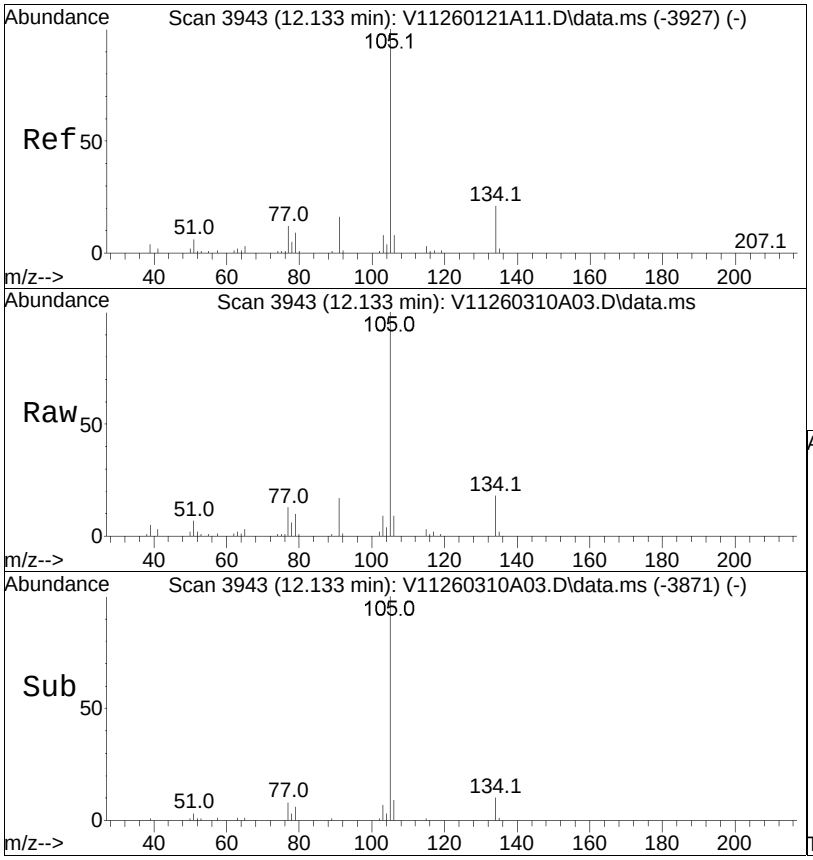


#97
1,2,4-Trimethylbenzene
Concen: 45.95 ug/L
RT: 12.021 min Scan# 3903
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:105 Resp: 494424

Ion	Ratio	Lower	Upper
105	100		
120	43.8	37.4	56.0

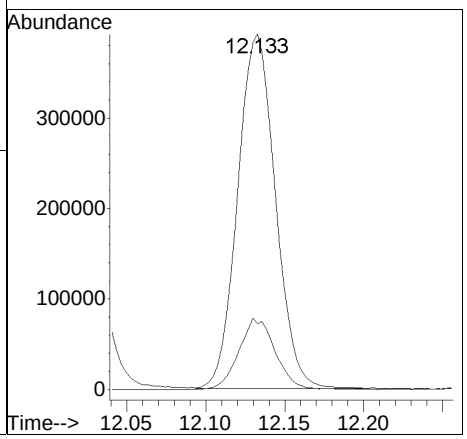


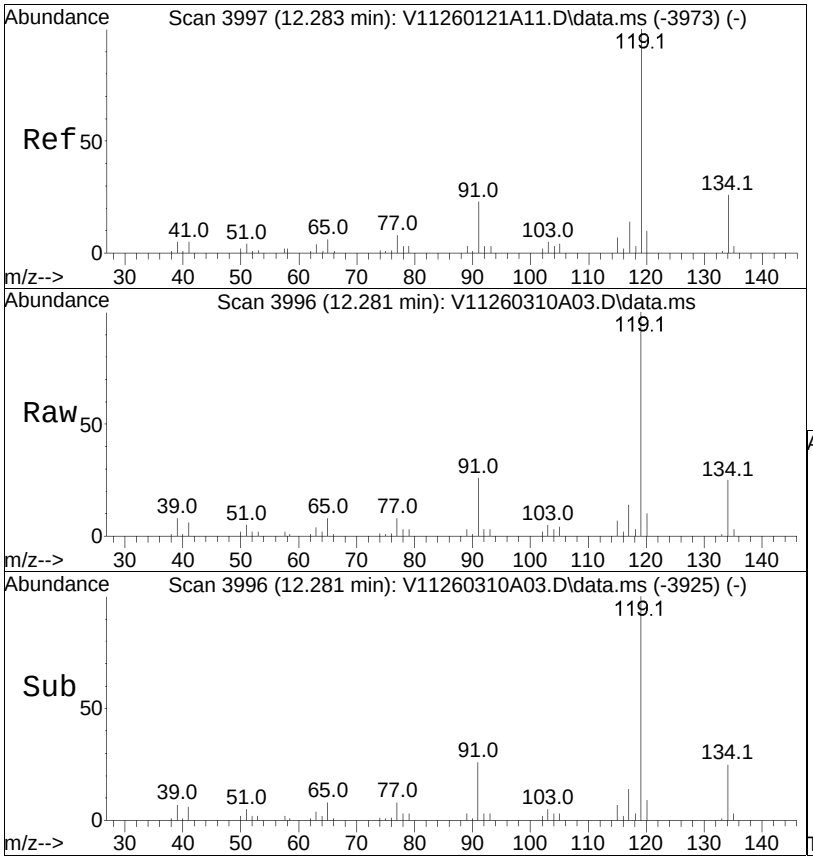


#98
sec-Butylbenzene
Concen: 48.29 ug/L
RT: 12.133 min Scan# 3943
Delta R.T. -0.000 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:105 Resp: 650666

Ion	Ratio	Lower	Upper
105	100		
134	19.1	13.2	27.4

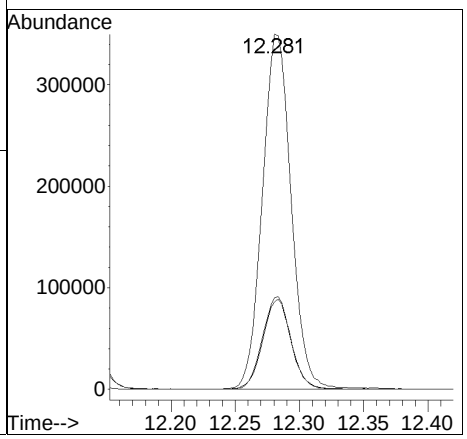


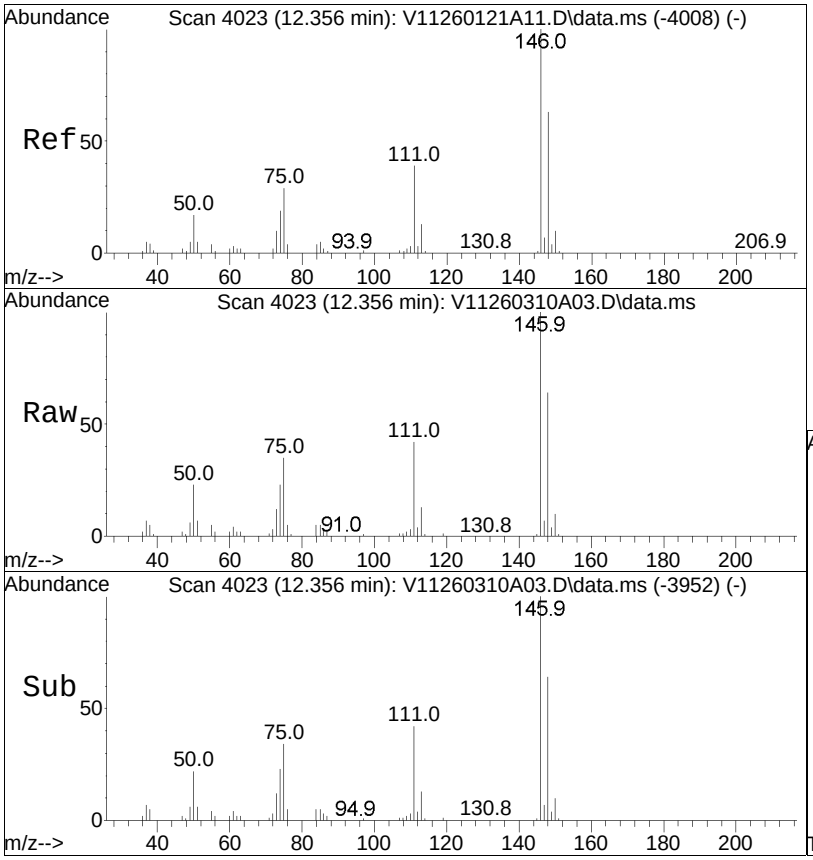


#99
p-Isopropyltoluene
Concen: 46.37 ug/L
RT: 12.281 min Scan# 3996
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:119 Resp: 545703

Ion	Ratio	Lower	Upper
119	100		
134	25.2	17.1	35.5
91	25.6	15.3	31.9

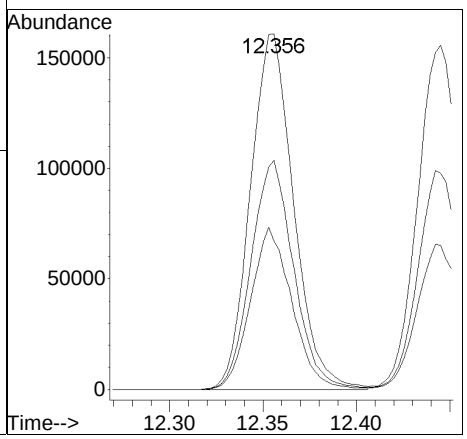


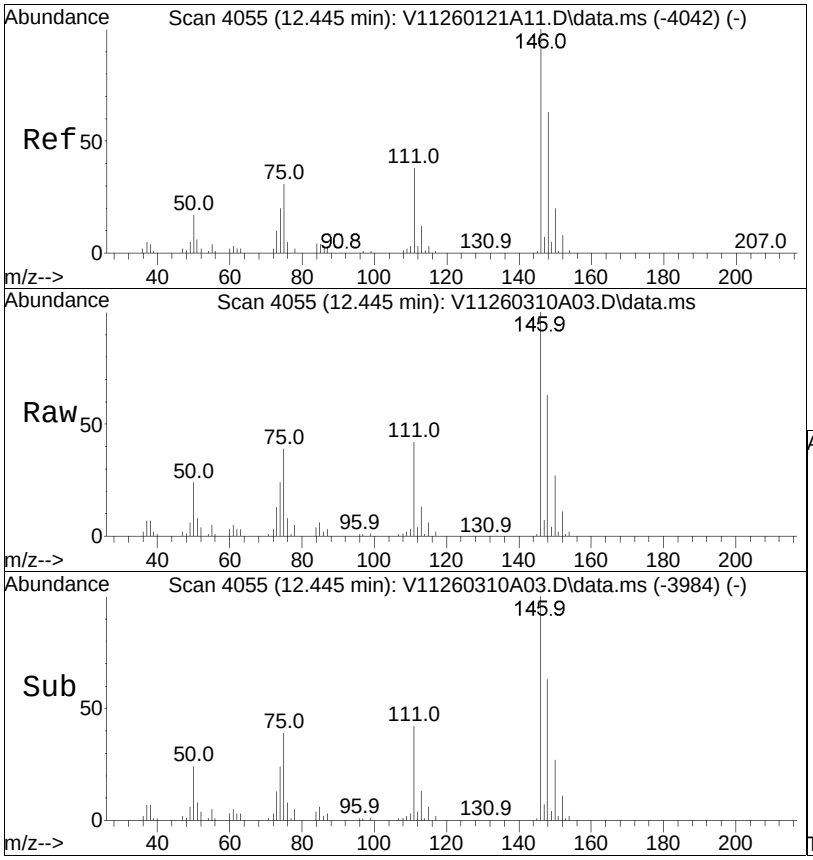


#100
1,3-Dichlorobenzene
Concen: 40.82 ug/L
RT: 12.356 min Scan# 4023
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:146 Resp: 258971

Ion	Ratio	Lower	Upper
146	100		
111	43.7	25.6	53.2
148	63.5	41.3	85.9

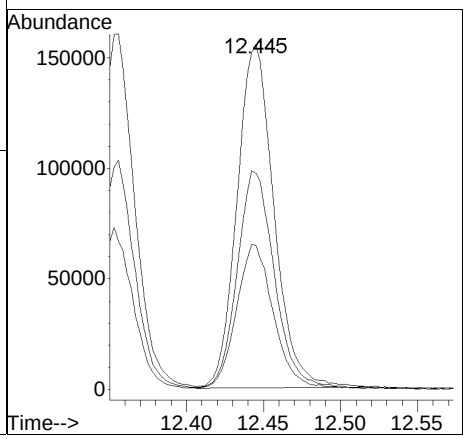


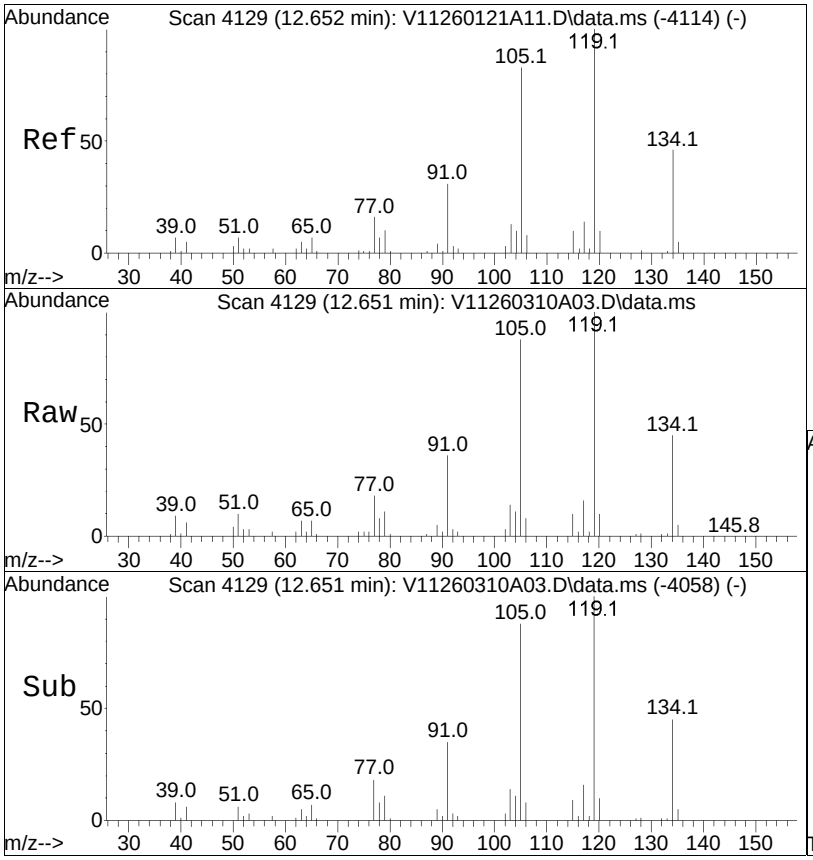


#101
1,4-Dichlorobenzene
Concen: 38.78 ug/L
RT: 12.445 min Scan# 4055
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:146 Resp: 258985

Ion	Ratio	Lower	Upper
146	100		
111	42.3	31.4	47.0
148	63.4	50.7	76.1

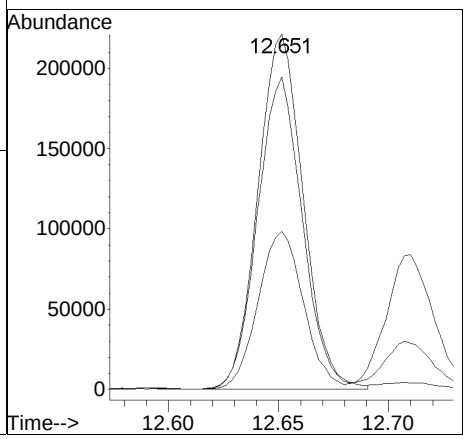


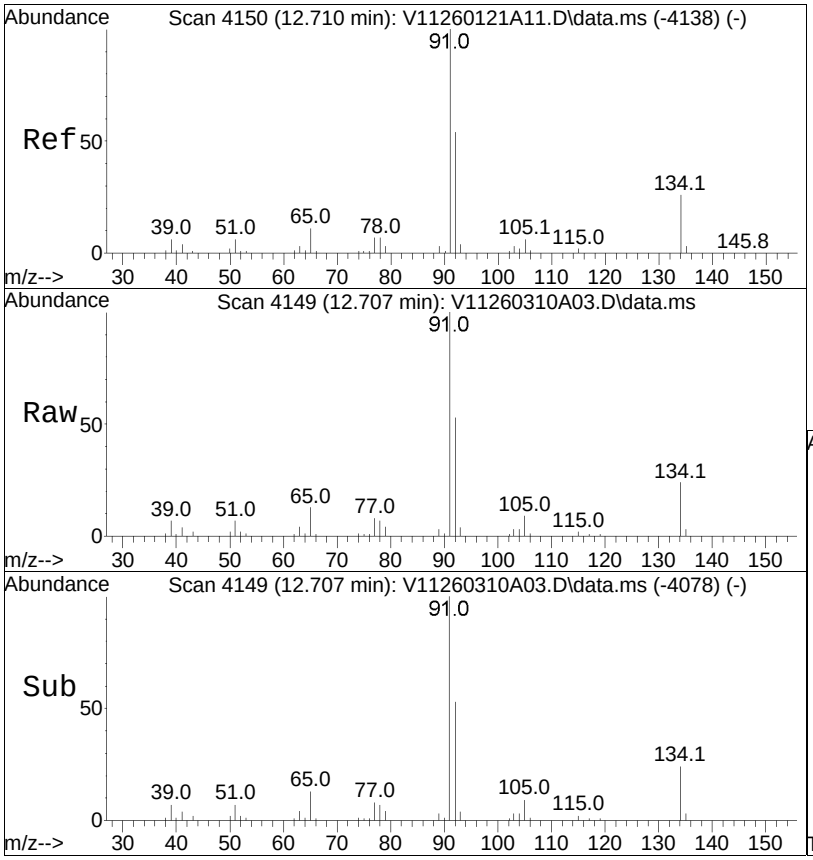


#102
p-Diethylbenzene
Concen: 45.19 ug/L
RT: 12.651 min Scan# 4129
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:119 Resp: 315916

Ion	Ratio	Lower	Upper
119	100		
105	86.8	54.5	113.3
134	44.8	29.9	62.1

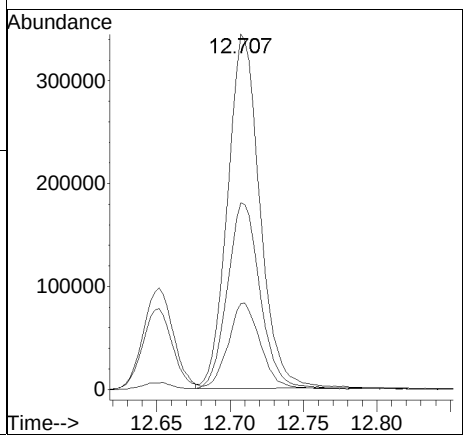


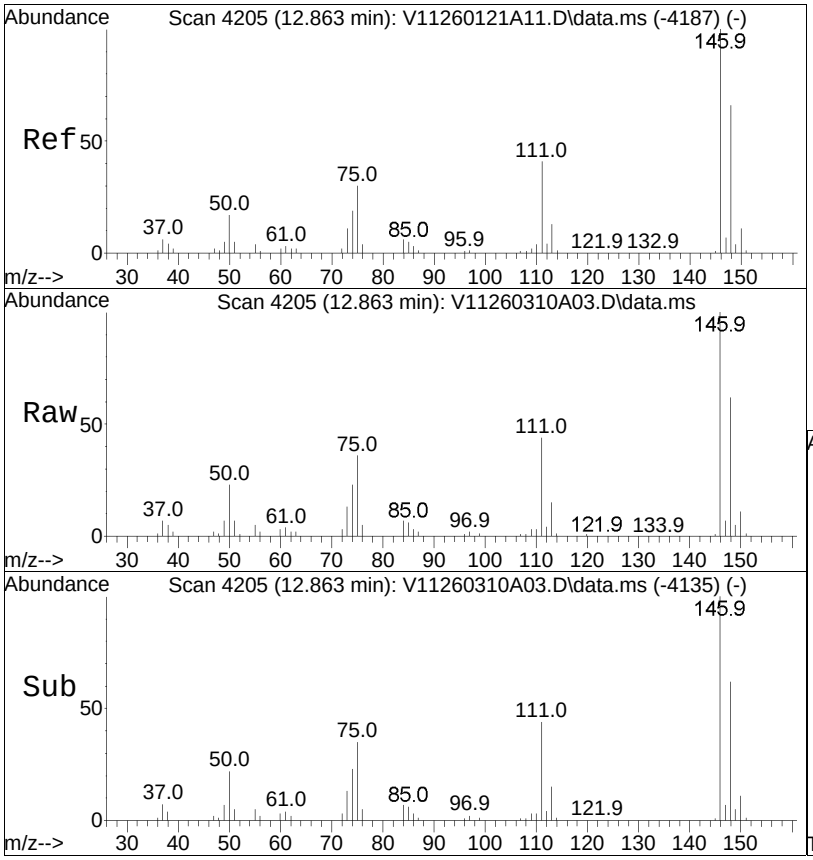


#103
n-Butylbenzene
Concen: 49.58 ug/L
RT: 12.707 min Scan# 4149
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion: 91 Resp: 526739

Ion	Ratio	Lower	Upper
91	100		
92	53.4	43.3	64.9
134	24.5	21.4	32.0

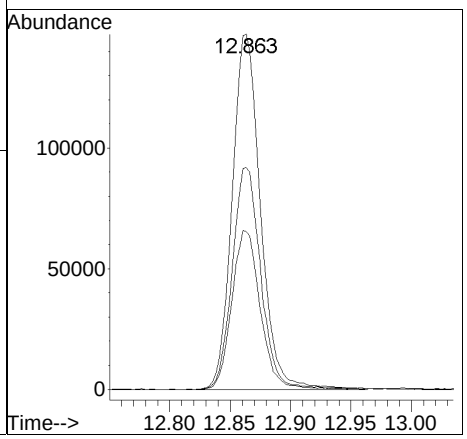


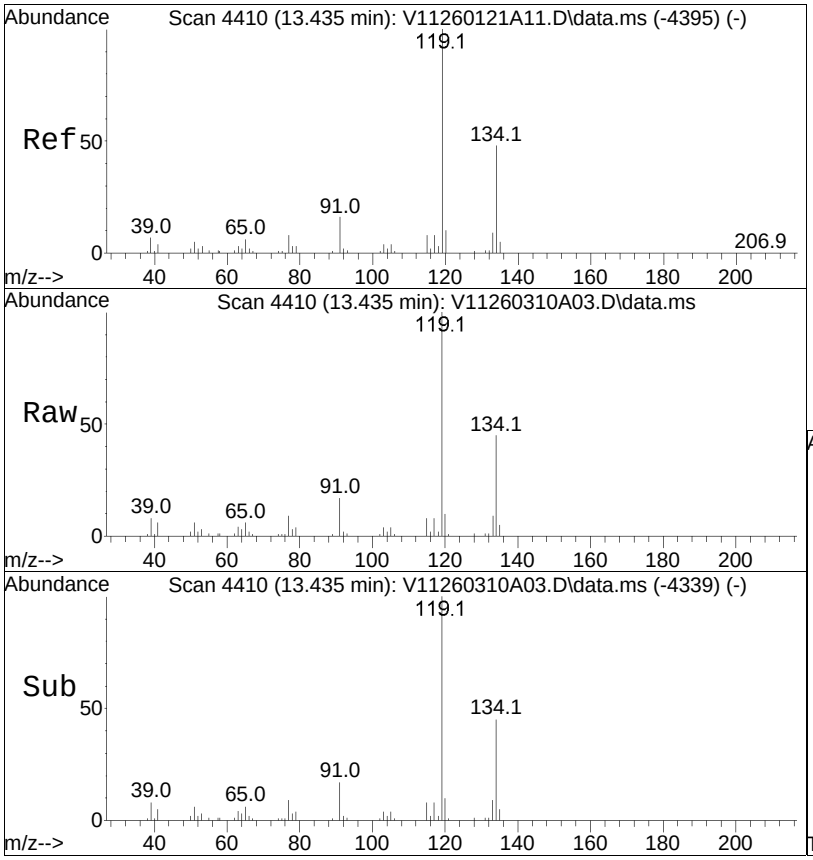


#104
1,2-Dichlorobenzene
Concen: 40.19 ug/L
RT: 12.863 min Scan# 4205
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:146 Resp: 240242

Ion	Ratio	Lower	Upper
146	100		
111	44.8	26.9	55.9
148	62.6	41.2	85.6

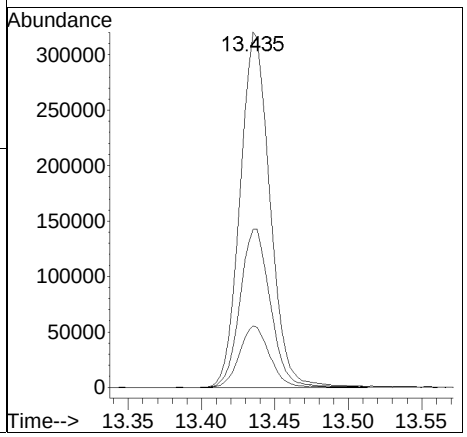


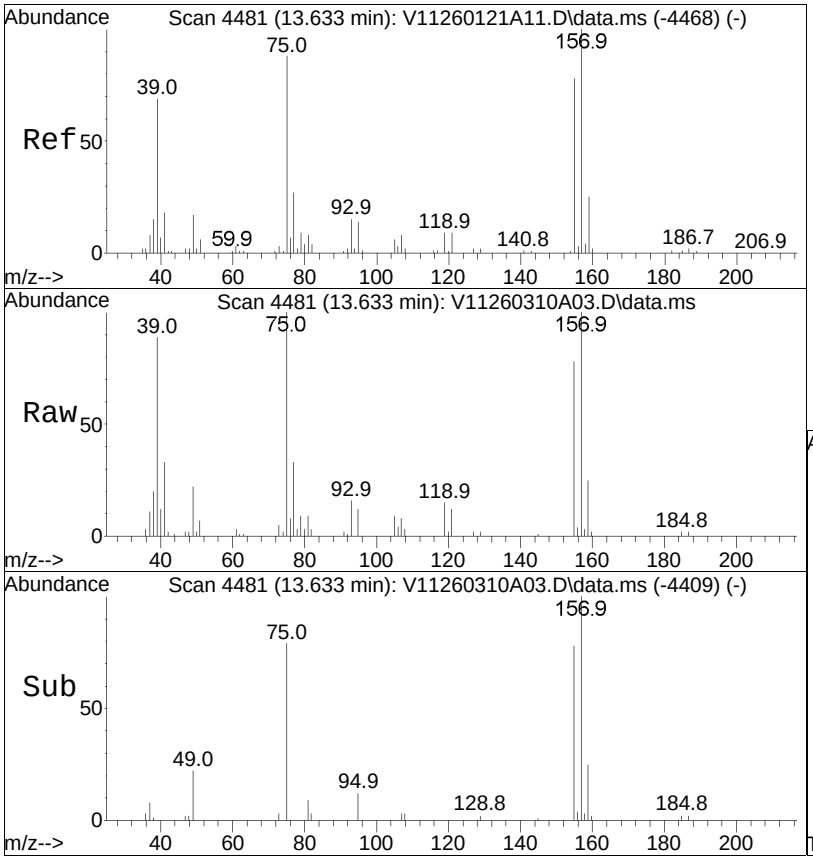


#105
1,2,4,5-Tetramethylbenzene
Concen: 42.63 ug/L
RT: 13.435 min Scan# 4410
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:119 Resp: 454710

Ion	Ratio	Lower	Upper
119	100		
134	45.2	31.1	64.5
91	17.5	10.4	21.6

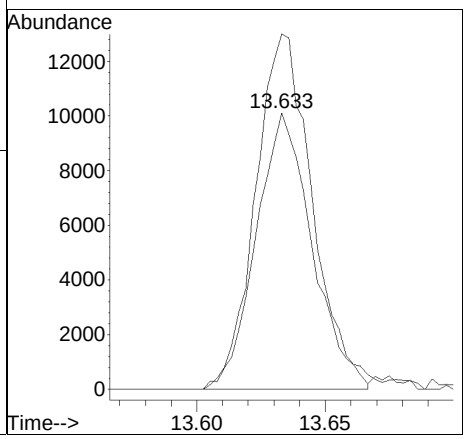


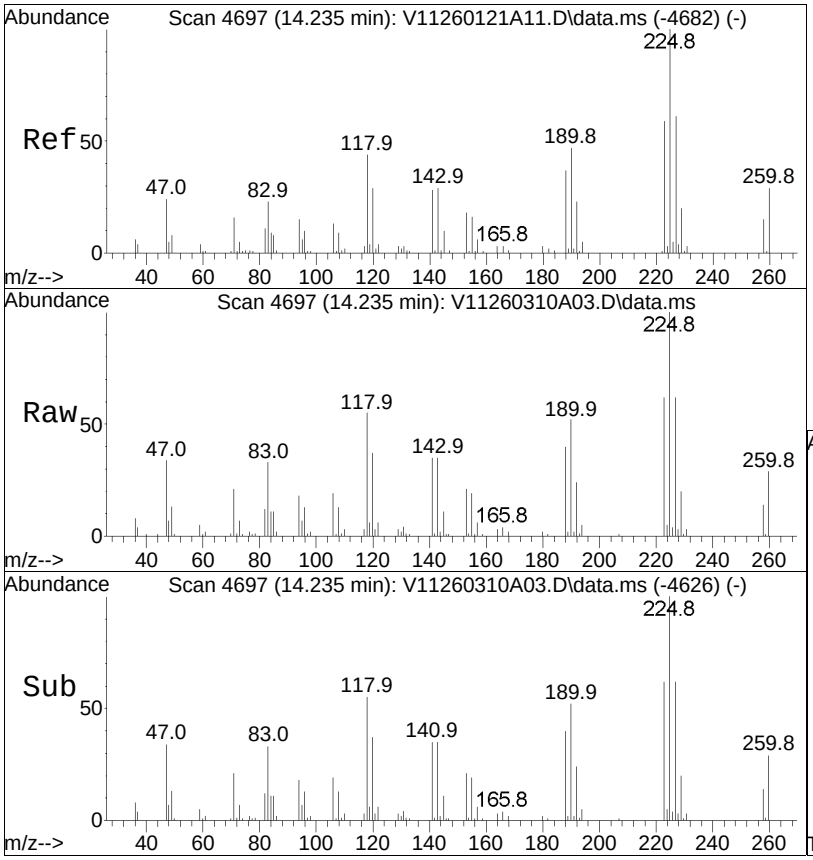


#106
1,2-Dibromo-3-chloropropane
Concen: 33.70 ug/L
RT: 13.633 min Scan# 4481
Delta R.T. -0.000 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:155 Resp: 15341

Ion	Ratio	Lower	Upper
155	100		
157	130.6	100.0	150.0

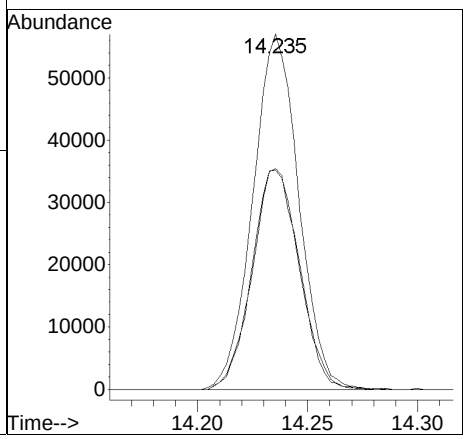


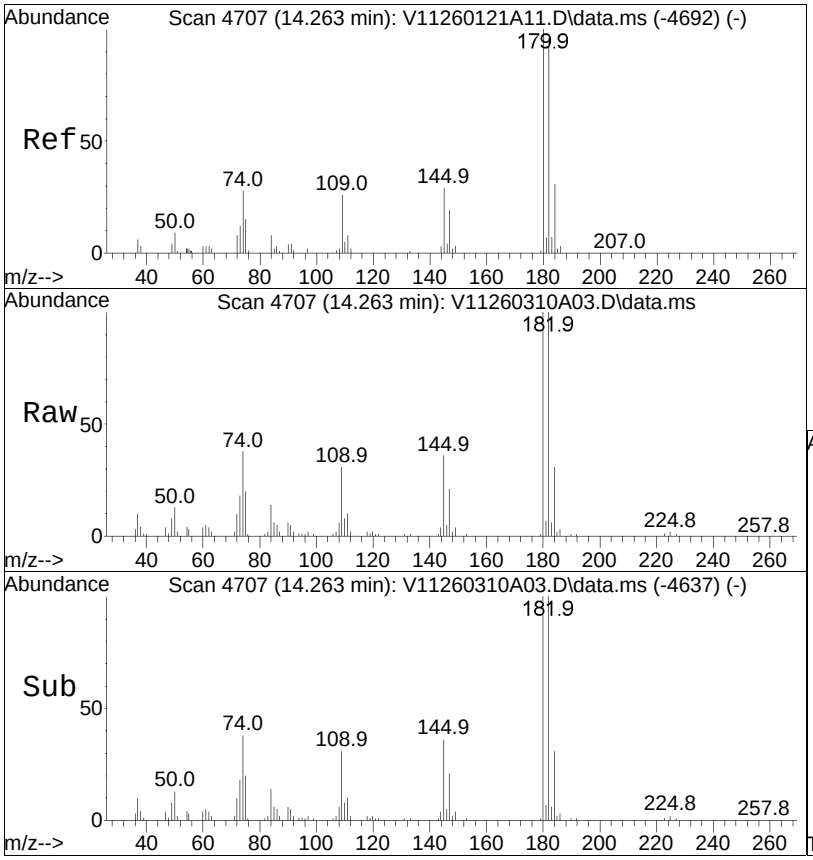


#108
Hexachlorobutadiene
Concen: 41.51 ug/L
RT: 14.235 min Scan# 4697
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:225 Resp: 82730

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.9	74.9
227	63.8	50.6	75.8

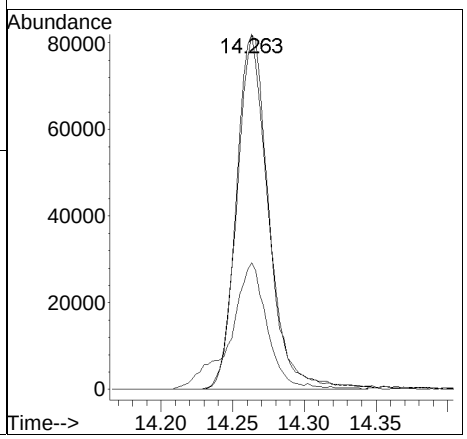


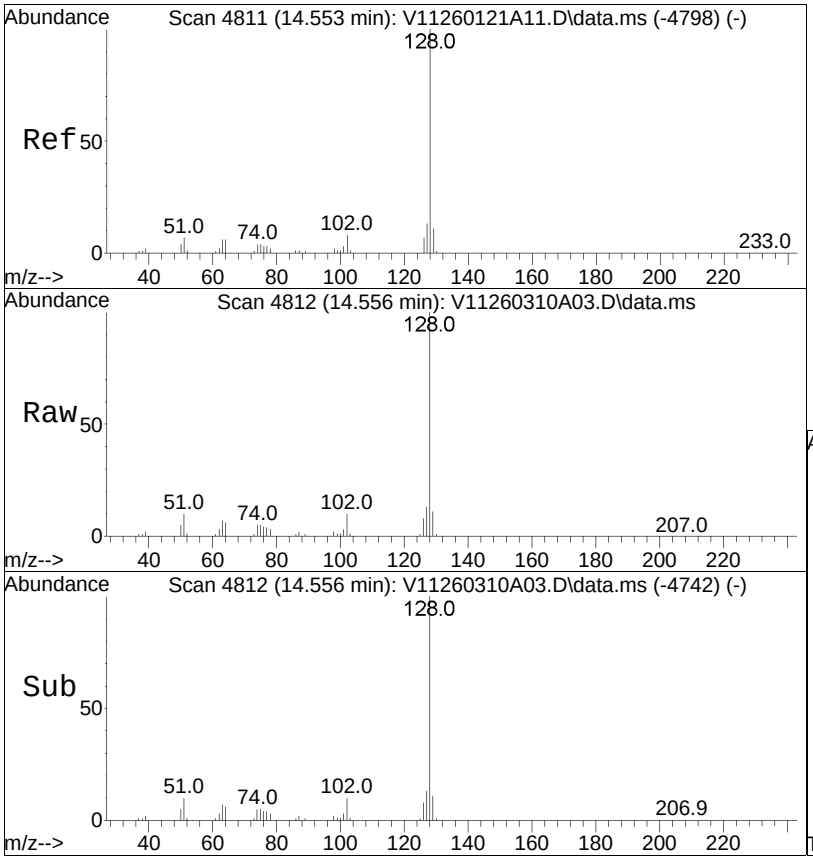


#109
1,2,4-Trichlorobenzene
Concen: 36.56 ug/L
RT: 14.263 min Scan# 4707
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:180 Resp: 130690

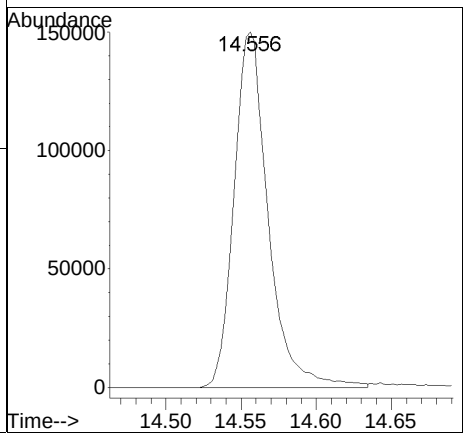
Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.6
145	40.5	29.6	44.4

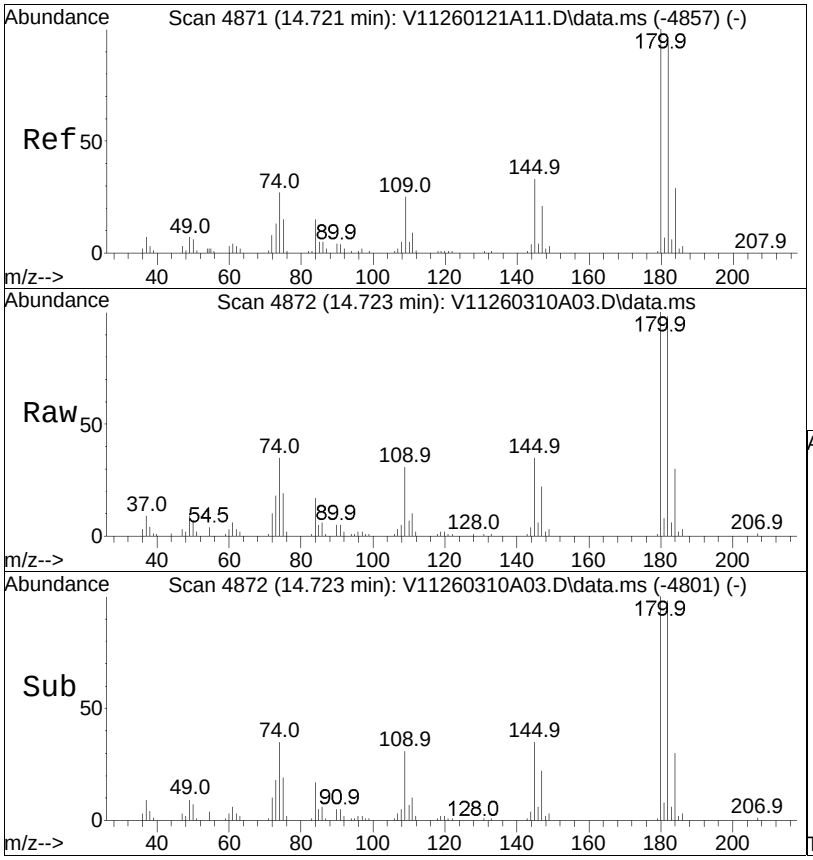




#110
Naphthalene
Concen: 35.40 ug/L
RT: 14.556 min Scan# 4812
Delta R.T. -0.006 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:128 Resp: 237074

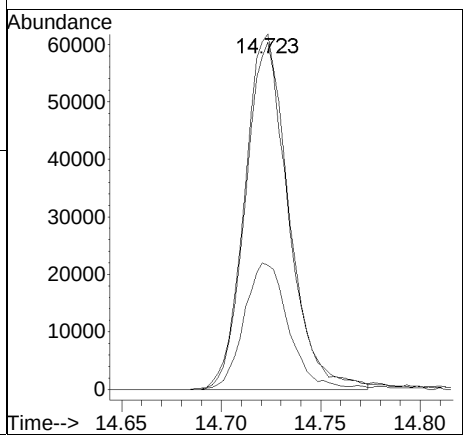




#111
1,2,3-Trichlorobenzene
Concen: 34.86 ug/L
RT: 14.723 min Scan# 4872
Delta R.T. -0.003 min
Lab File: V11260310A03.D
Acq: 10 Mar 2026 08:27 am

Tgt Ion:180 Resp: 95907

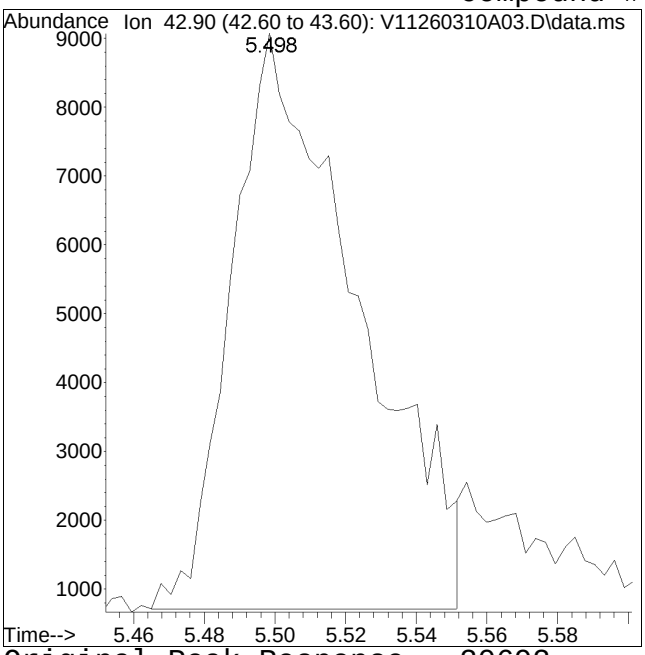
Ion	Ratio	Lower	Upper
180	100		
182	95.7	74.2	111.4
145	35.5	26.3	39.5



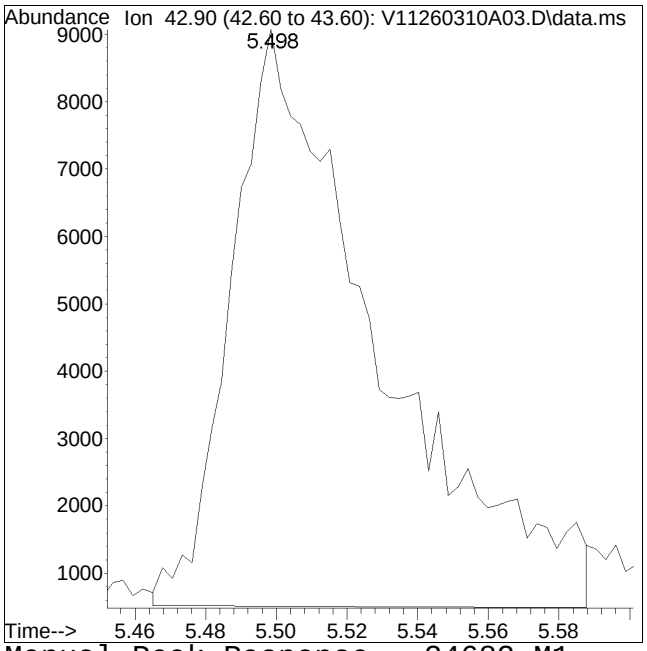
Manual Integration Report

Data Path	: K:\VOA111\2026\260310A\	QMethod	: V111_260121A_8260.m
Data File	: V11260310A03.D	Operator	: VOA111:MNF
Date Inj'd	: 3/10/2026 8:27 am	Instrument	: VOA111
Sample	: WG2183816-4,31,5,5	Quant Date	: 3/10/2026 10:08 am

Compound #39: 2-Butanone



Original Peak Response = 20692



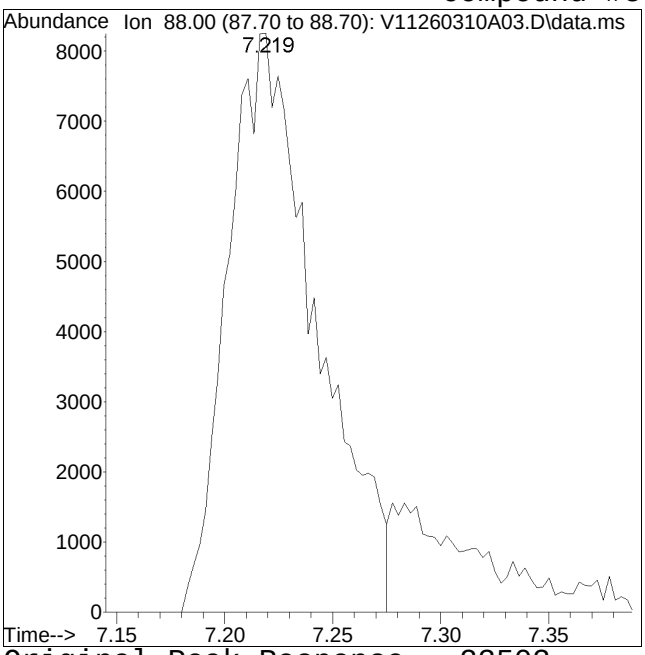
Manual Peak Response = 24682 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

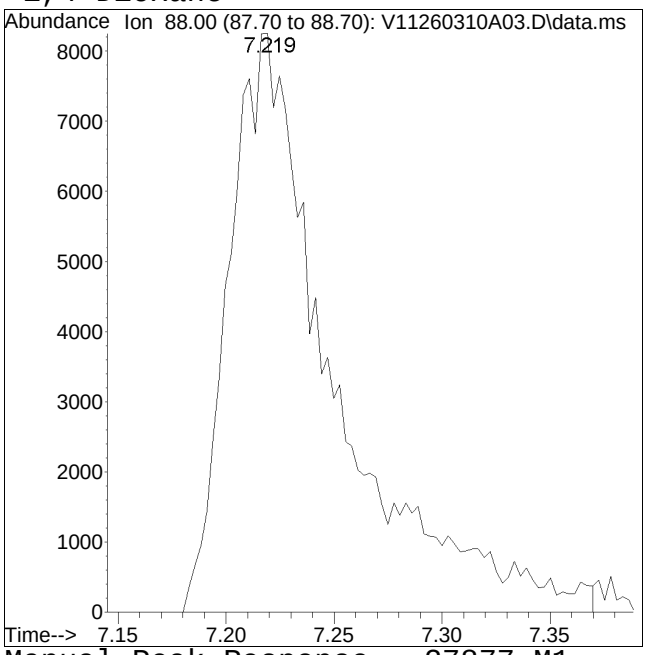
Manual Integration Report

Data Path	: K:\VOA111\2026\260310A\	QMethod	: V111_260121A_8260.m
Data File	: V11260310A03.D	Operator	: VOA111:MNF
Date Inj'd	: 3/10/2026 8:27 am	Instrument	: VOA111
Sample	: WG2183816-4,31,5,5	Quant Date	: 3/10/2026 10:08 am

Compound #57: 1,4-Dioxane



Original Peak Response = 23503



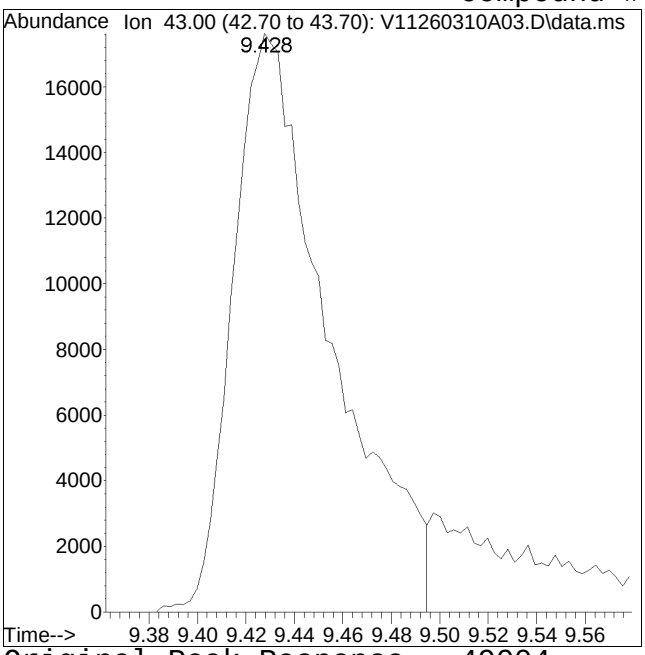
Manual Peak Response = 27877 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

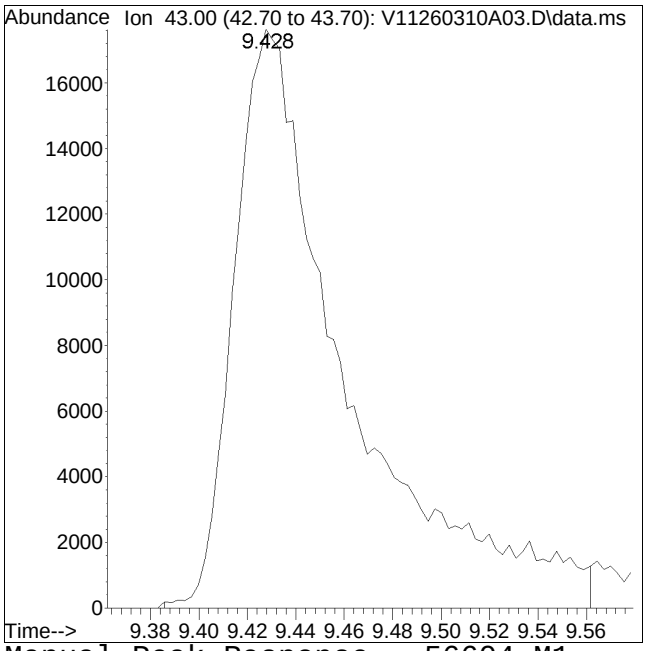
Manual Integration Report

Data Path	: K:\VOA111\2026\260310A\	QMethod	: V111_260121A_8260.m
Data File	: V11260310A03.D	Operator	: VOA111:MNF
Date Inj'd	: 3/10/2026 8:27 am	Instrument	: VOA111
Sample	: WG2183816-4,31,5,5	Quant Date	: 3/10/2026 10:08 am

Compound #72: 2-Hexanone



Original Peak Response = 49004



Manual Peak Response = 56604 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B02.D
Acq On : 11 Mar 2026 01:25 pm
Operator : VOA111:BAD
Sample : WG2183467-11,31H,15,15,0.100,,
Misc : WG2183467,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 11 14:01:33 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260311B\V11260311B01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.204	96	307683	20.000	ug/L	0.00
Standard Area 1 = 316441			Recovery = 97.23%			
59) Chlorobenzene-d5	9.771	117	219874	20.000	ug/L	0.00
Standard Area 1 = 225831			Recovery = 97.36%			
79) 1,4-Dichlorobenzene-d4	12.431	152	107294	20.000	ug/L	0.00
Standard Area 1 = 107740			Recovery = 99.59%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.379	113	77066	20.087	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.44%			
43) 1,2-Dichloroethane-d4	5.917	65	84299	23.163	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 115.82%			
60) Toluene-d8	7.914	98	309138	21.771	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 108.86%			
83) 4-Bromofluorobenzene	11.238	95	112492	22.912	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 114.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.661	85	141219	38.209	ug/L	98
3) Chloromethane	1.882	50	195973	49.123	ug/L	97
4) Vinyl chloride	1.940	62	154795	35.054	ug/L	97
5) Bromomethane	2.272	94	83300	24.615	ug/L	98
6) Chloroethane	2.403	64	109752	41.309	ug/L	96
7) Trichlorofluoromethane	2.554	101	206634	40.557	ug/L	100
8) Ethyl ether	2.866	74	87170	40.885	ug/L	81
10) 1,1-Dichloroethene	3.067	96	120714	38.535	ug/L	94
11) Carbon disulfide	3.103	76	449683	38.206	ug/L	99
12) Freon-113	3.109	101	123264	40.354	ug/L	91
14) Acrolein	3.404	56	8037M1	32.060	ug/L	
15) Methylene chloride	3.638	84	160692	37.858	ug/L	80
17) Acetone	3.683	43	53173	52.858	ug/L	93
18) trans-1,2-Dichloroethene	3.803	96	143713	38.905	ug/L	96
19) Methyl acetate	3.806	43	86050	46.504	ug/L #	88
20) Methyl tert-butyl ether	3.898	73	461876	40.580	ug/L	89
21) tert-Butyl alcohol	3.981	59	67035	177.637	ug/L	93
22) Diisopropyl ether	4.269	45	614315	49.228	ug/L	96
23) 1,1-Dichloroethane	4.397	63	298762	44.142	ug/L	97
24) Halothane	4.447	117	100647	37.268	ug/L	99
25) Acrylonitrile	4.447	53	45848M1	46.306	ug/L	

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B02.D
Acq On : 11 Mar 2026 01:25 pm
Operator : VOA111:BAD
Sample : WG2183467-11,31H,15,15,0.100,,
Misc : WG2183467,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 11 14:01:33 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260311B\V11260311B01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.623	59	534685	43.175	ug/L		93
27) Vinyl acetate	4.637	43	364086	41.361	ug/L	#	96
28) cis-1,2-Dichloroethene	4.930	96	164723	39.061	ug/L		93
29) 2,2-Dichloropropane	5.033	77	231450	42.029	ug/L		93
30) Bromochloromethane	5.128	128	73485	36.801	ug/L		81
31) Cyclohexane	5.142	56	259256	46.113	ug/L		77
32) Chloroform	5.195	83	284203	40.016	ug/L		96
33) Ethyl acetate	5.309	43	129408	44.197	ug/L	#	94
34) Carbon tetrachloride	5.342	117	197523	38.636	ug/L		99
35) Tetrahydrofuran	5.356	42	43466M1	43.495	ug/L		
37) 1,1,1-Trichloroethane	5.409	97	231527	41.101	ug/L		98
39) 2-Butanone	5.504	43	50370	45.470	ug/L	#	66
40) 1,1-Dichloropropene	5.532	75	193824	43.057	ug/L		97
41) Benzene	5.780	78	603740	41.210	ug/L		93
42) tert-Amyl methyl ether	5.889	73	442275	38.551	ug/L		93
44) 1,2-Dichloroethane	5.981	62	218519	43.472	ug/L		99
47) Methyl cyclohexane	6.380	83	236896	40.456	ug/L		81
48) Trichloroethene	6.388	95	155579	39.333	ug/L		93
50) Dibromomethane	6.832	93	92156	37.797	ug/L		92
51) 1,2-Dichloropropane	6.932	63	169431	43.146	ug/L		97
54) Bromodichloromethane	7.004	83	221271	40.276	ug/L		99
57) 1,4-Dioxane	7.216	88	55132M1	2163.559	ug/L		
58) cis-1,3-Dichloropropene	7.696	75	264364	42.078	ug/L		92
61) Toluene	7.972	92	367924	40.511	ug/L		97
62) 4-Methyl-2-pentanone	8.402	58	47564	41.805	ug/L	#	91
63) Tetrachloroethene	8.429	166	135254	37.110	ug/L		94
65) trans-1,3-Dichloropropene	8.452	75	229624	42.354	ug/L		87
67) Ethyl methacrylate	8.641	69	169042	40.667	ug/L		95
68) 1,1,2-Trichloroethane	8.641	83	111138	40.700	ug/L		98
69) Chlorodibromomethane	8.856	129	156416	39.034	ug/L		99
70) 1,3-Dichloropropane	8.965	76	232805	43.068	ug/L		99
71) 1,2-Dibromoethane	9.138	107	125894	41.370	ug/L		99
72) 2-Hexanone	9.431	43	73761	44.483	ug/L		96
73) Chlorobenzene	9.793	112	411274	39.327	ug/L	#	82
74) Ethylbenzene	9.829	91	715457	40.943	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.871	131	150080	37.578	ug/L		99
76) p/m Xylene	10.013	106	533720	80.894	ug/L		92
77) o Xylene	10.546	106	528074	78.426	ug/L		93
78) Styrene	10.610	104	888749	78.761	ug/L		96
80) Bromoform	10.635	173	85748	35.771	ug/L		99

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B02.D
Acq On : 11 Mar 2026 01:25 pm
Operator : VOA111:BAD
Sample : WG2183467-11,31H,15,15,0.100,,
Misc : WG2183467,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 11 14:01:33 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260311B\V11260311B01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Isopropylbenzene	10.917	105	675624	42.257	ug/L	97
84) Bromobenzene	11.352	156	162303	37.802	ug/L	100
85) n-Propylbenzene	11.391	91	824337	44.091	ug/L	96
86) 1,4-Dichlorobutane	11.402	55	254720	48.284	ug/L	96
87) 1,1,2,2-Tetrachloroethane	11.466	83	163204	42.450	ug/L	99
88) 4-Ethyltoluene	11.514	105	675023	42.807	ug/L	97
89) 2-Chlorotoluene	11.556	91	497573	43.685	ug/L	97
90) 1,3,5-Trimethylbenzene	11.608	105	575286	41.759	ug/L	96
91) 1,2,3-Trichloropropane	11.608	75	126094	42.687	ug/L	99
92) trans-1,4-Dichloro-2-b...	11.659	53	46068	42.710	ug/L	88
93) 4-Chlorotoluene	11.737	91	526896	44.505	ug/L	94
94) tert-Butylbenzene	11.943	119	476293	41.307	ug/L	96
97) 1,2,4-Trimethylbenzene	12.021	105	573882	42.262	ug/L	96
98) sec-Butylbenzene	12.133	105	725256	42.650	ug/L	98
99) p-Isopropyltoluene	12.283	119	623757	41.997	ug/L	97
100) 1,3-Dichlorobenzene	12.356	146	311897	38.952	ug/L	98
101) 1,4-Dichlorobenzene	12.445	146	316924	37.602	ug/L	99
102) p-Diethylbenzene	12.651	119	361975	41.032	ug/L	98
103) n-Butylbenzene	12.707	91	574482	42.850	ug/L	99
104) 1,2-Dichlorobenzene	12.863	146	291808	38.680	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.435	119	545231	40.507	ug/L	96
106) 1,2-Dibromo-3-chloropr...	13.633	155	20575	35.809	ug/L	98
107) 1,3,5-Trichlorobenzene	13.667	180	208804	37.280	ug/L	97
108) Hexachlorobutadiene	14.235	225	97565	38.789	ug/L	99
109) 1,2,4-Trichlorobenzene	14.263	180	166896	36.992	ug/L	99
110) Naphthalene	14.553	128	307172	36.344	ug/L	100
111) 1,2,3-Trichlorobenzene	14.723	180	123632	35.607	ug/L	97

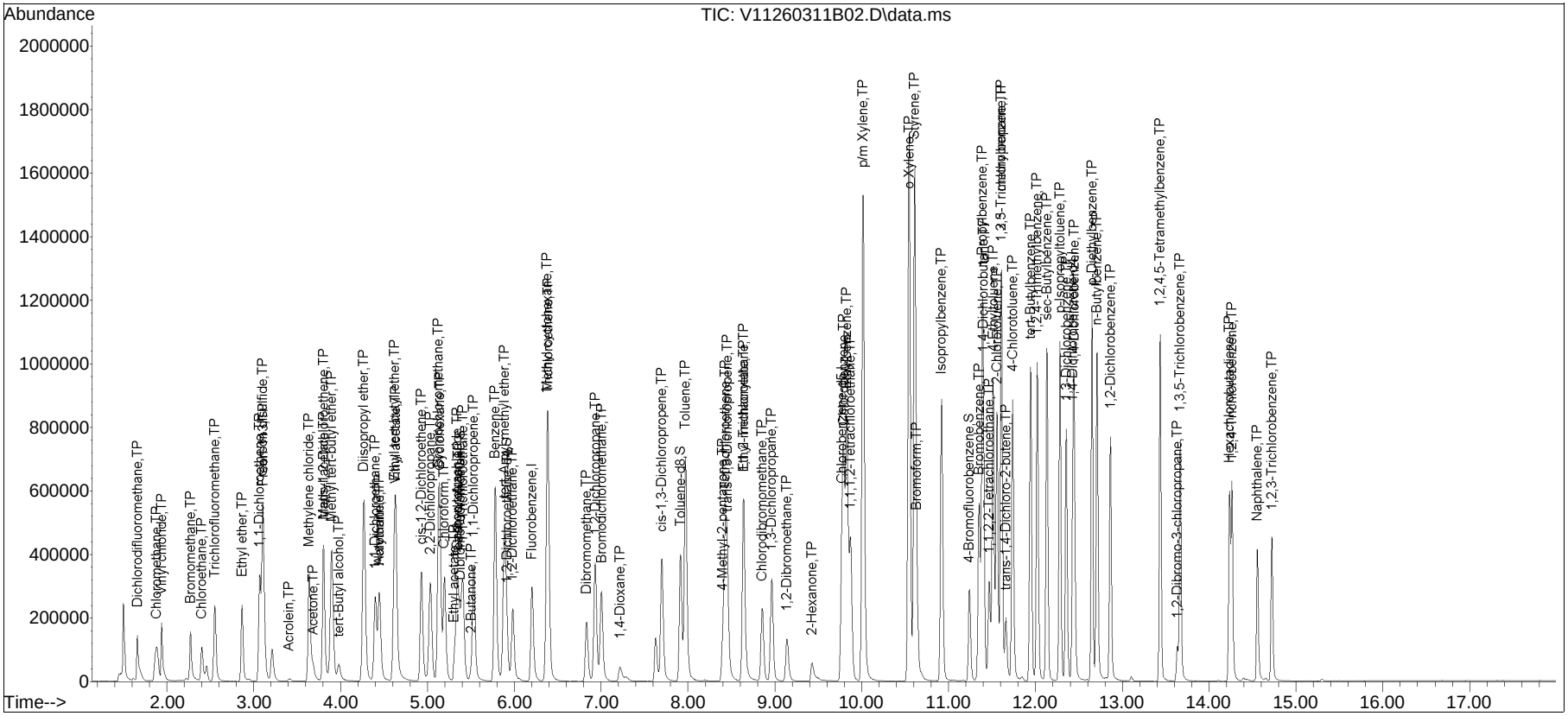
(#) = qualifier out of range (m) = manual integration (+) = signals summed

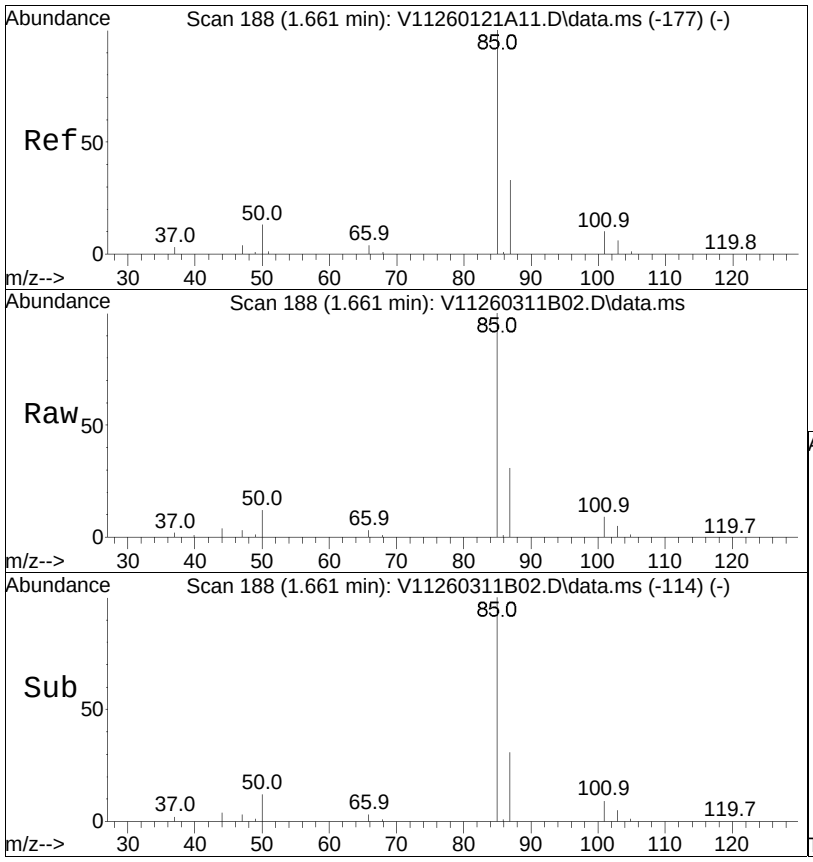
Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B02.D
Acq On : 11 Mar 2026 01:25 pm
Operator : VOA111:BAD
Sample : WG2183467-11,31H,15,15,0.100,,
Misc : WG2183467,ICAL22987
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 11 14:01:33 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

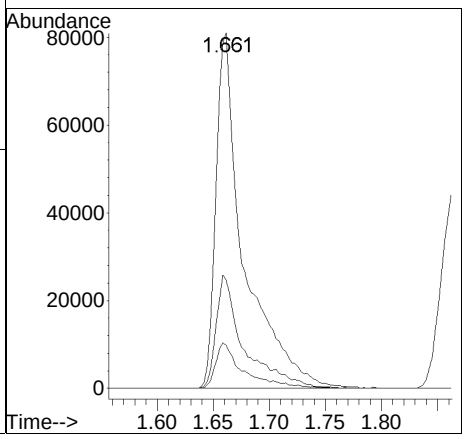


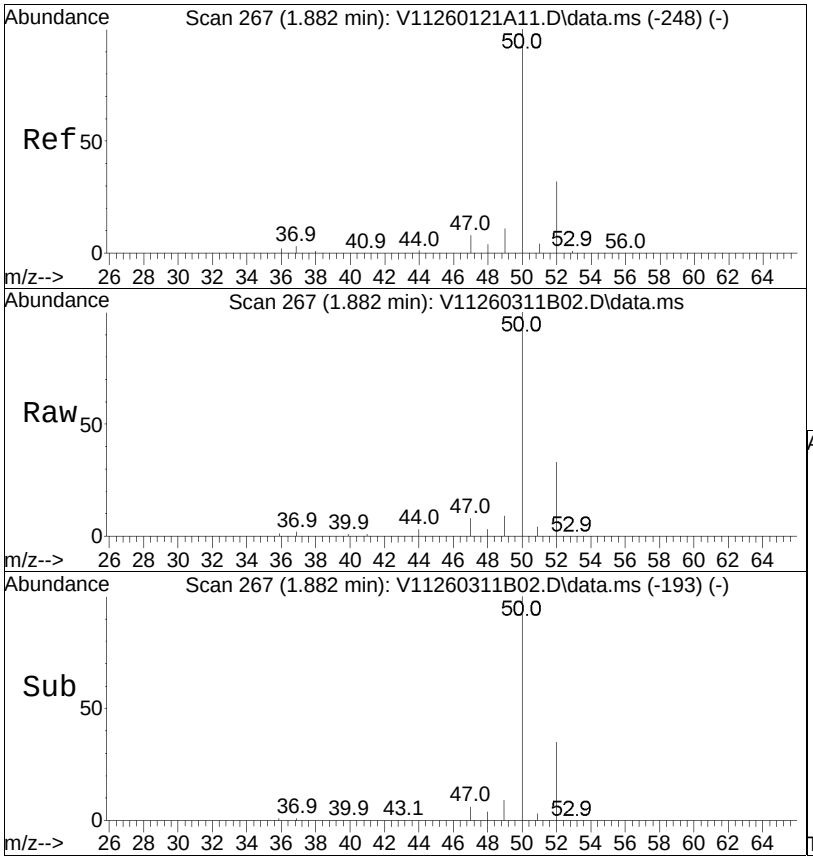


#2
Dichlorodifluoromethane
Concen: 38.21 ug/L
RT: 1.661 min Scan# 188
Delta R.T. 0.006 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 85 Resp: 141219

Ion	Ratio	Lower	Upper
85	100		
87	31.7	20.7	43.1
50	12.8	9.8	20.3

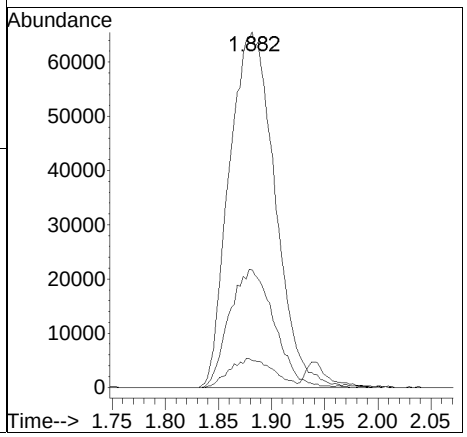


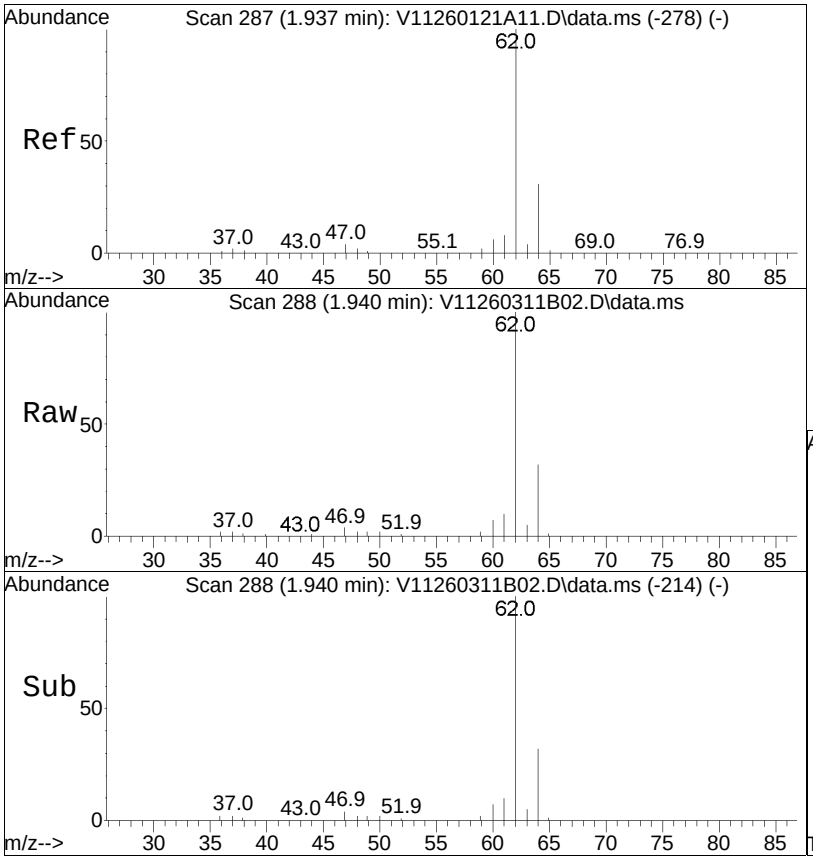


#3
Chloromethane
Concen: 49.12 ug/L
RT: 1.882 min Scan# 267
Delta R.T. 0.006 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 50 Resp: 195973

Ion	Ratio	Lower	Upper
50	100		
52	32.5	10.9	50.9
47	7.7	0.0	27.2

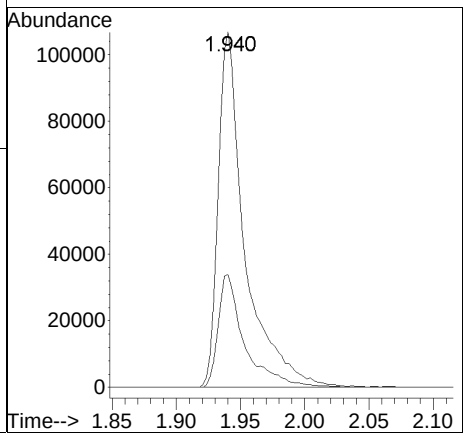


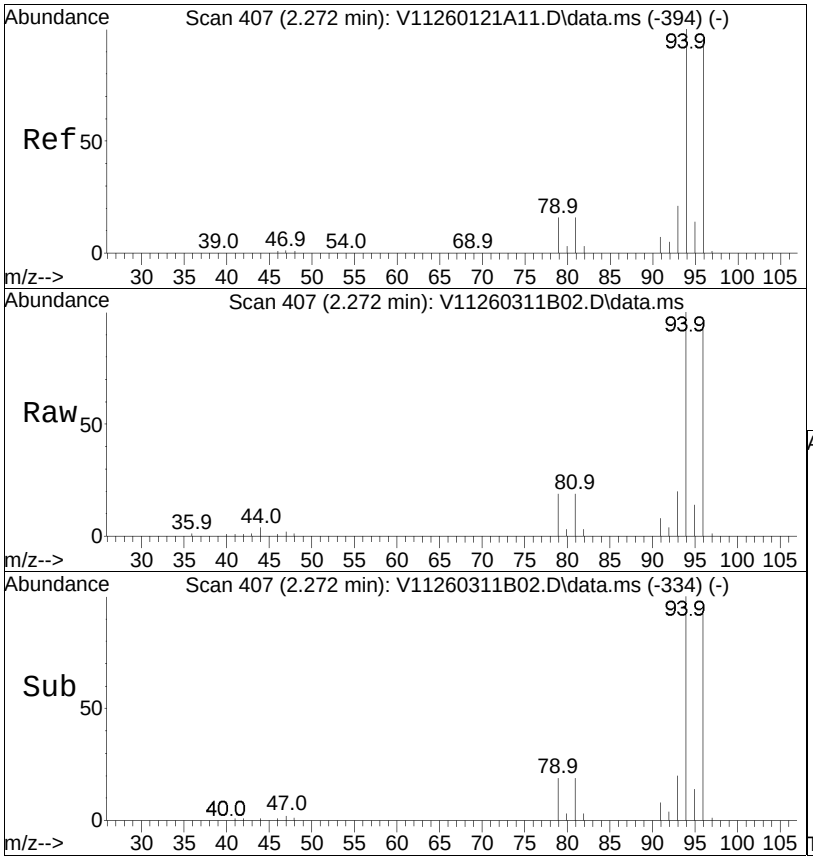


#4
Vinyl chloride
Concen: 35.05 ug/L
RT: 1.940 min Scan# 288
Delta R.T. 0.006 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 62 Resp: 154795

Ion	Ratio	Lower	Upper
62	100		
64	31.5	9.9	49.9

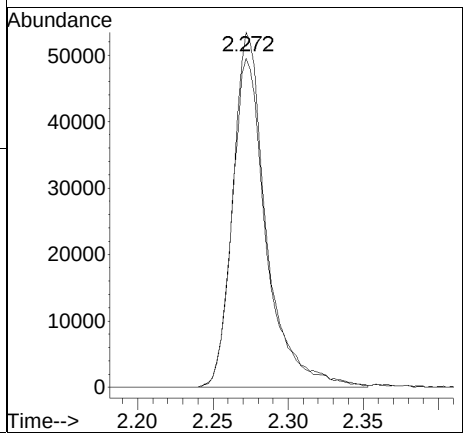


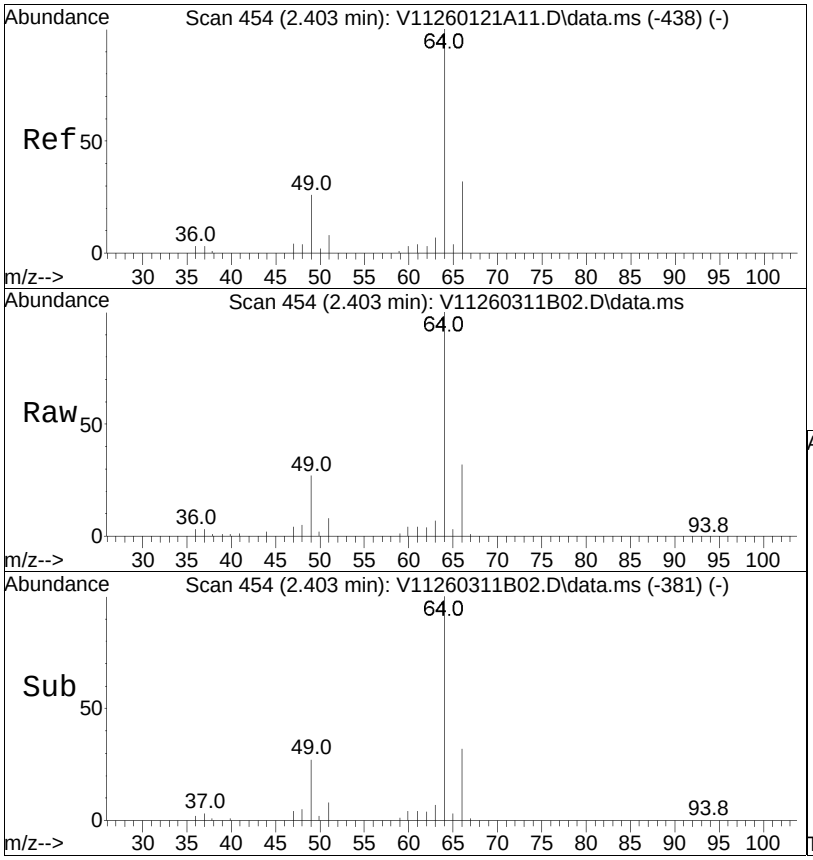


#5
Bromomethane
Concen: 24.61 ug/L
RT: 2.272 min Scan# 407
Delta R.T. 0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 94 Resp: 83300

Ion	Ratio	Lower	Upper
94	100		
96	94.1	72.6	112.6

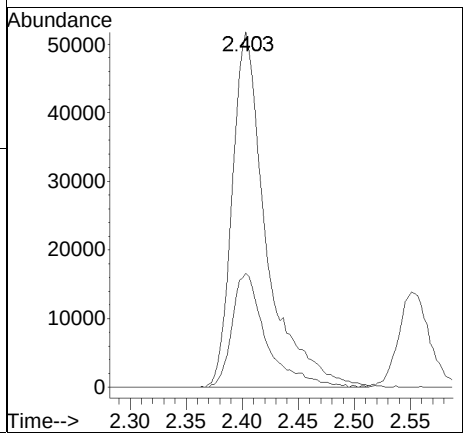


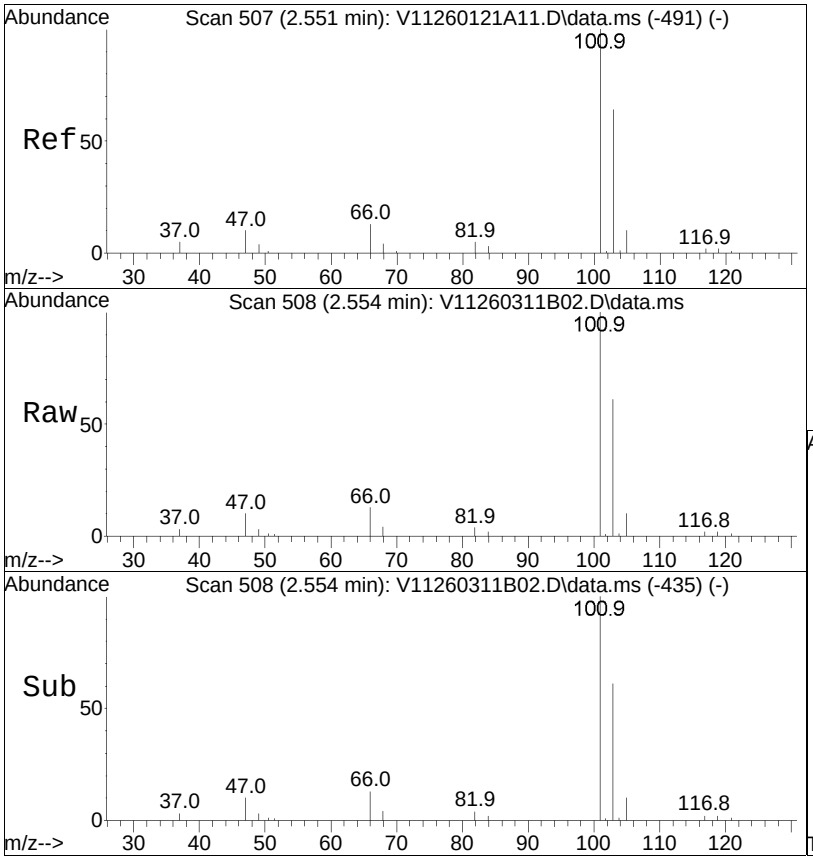


#6
Chloroethane
Concen: 41.31 ug/L
RT: 2.403 min Scan# 454
Delta R.T. 0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 64 Resp: 109752

Ion	Ratio	Lower	Upper
64	100		
66	32.5	10.2	50.2

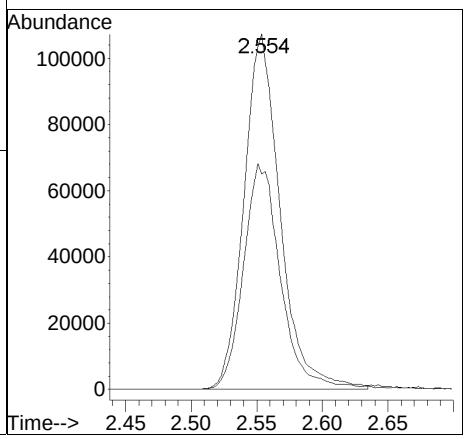


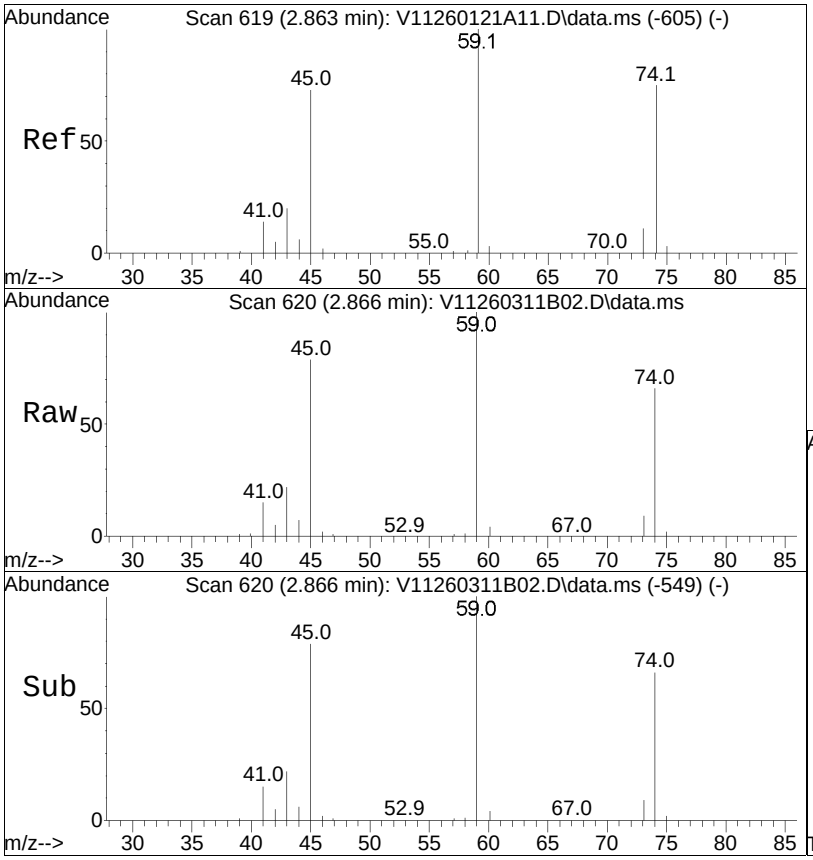


#7
Trichlorofluoromethane
Concen: 40.56 ug/L
RT: 2.554 min Scan# 508
Delta R.T. 0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:101 Resp: 206634

Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.8	77.6

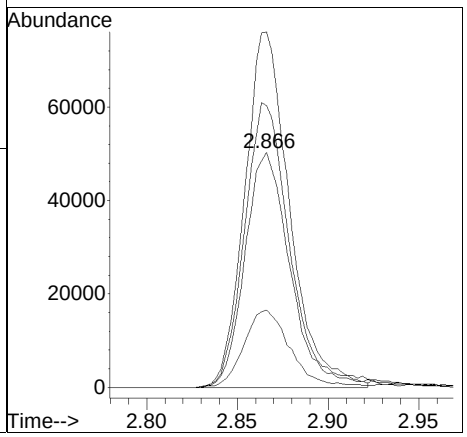


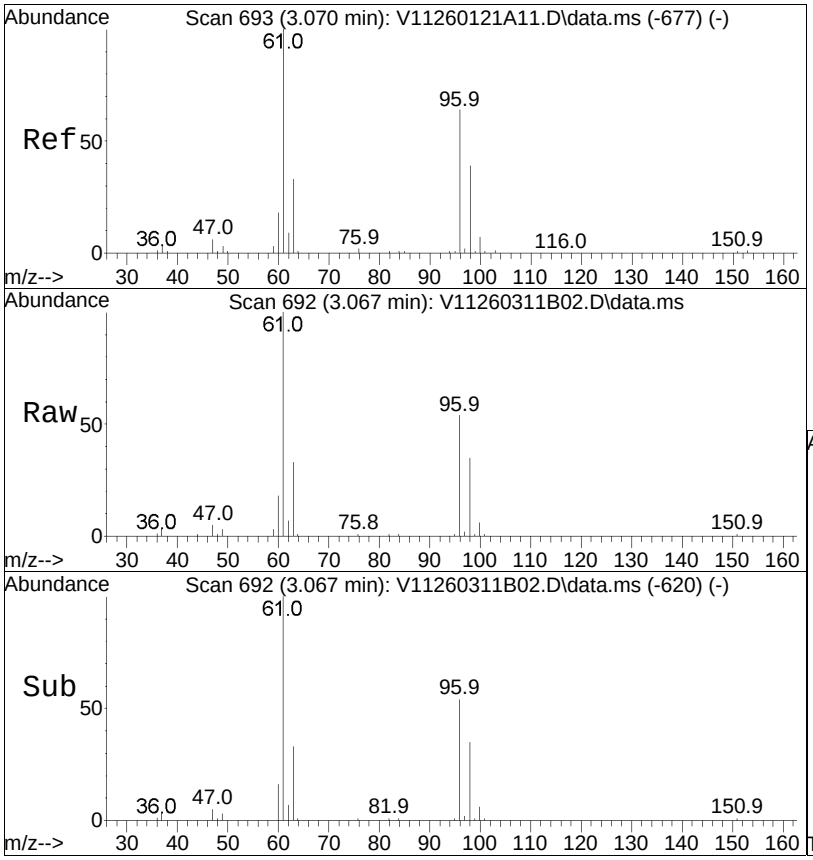


#8
Ethyl ether
Concen: 40.89 ug/L
RT: 2.866 min Scan# 620
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 74 Resp: 87170

Ion	Ratio	Lower	Upper
74	100		
59	153.4	113.5	235.7
45	120.8	100.4	208.4
43	33.9	27.1	56.3

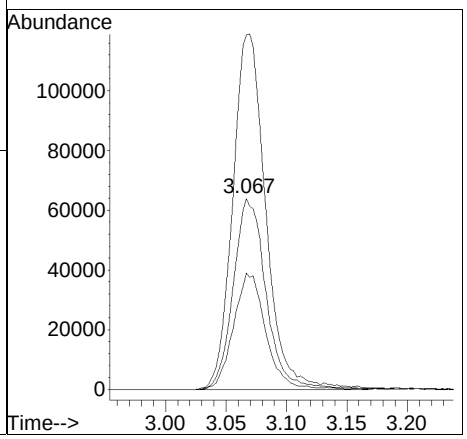


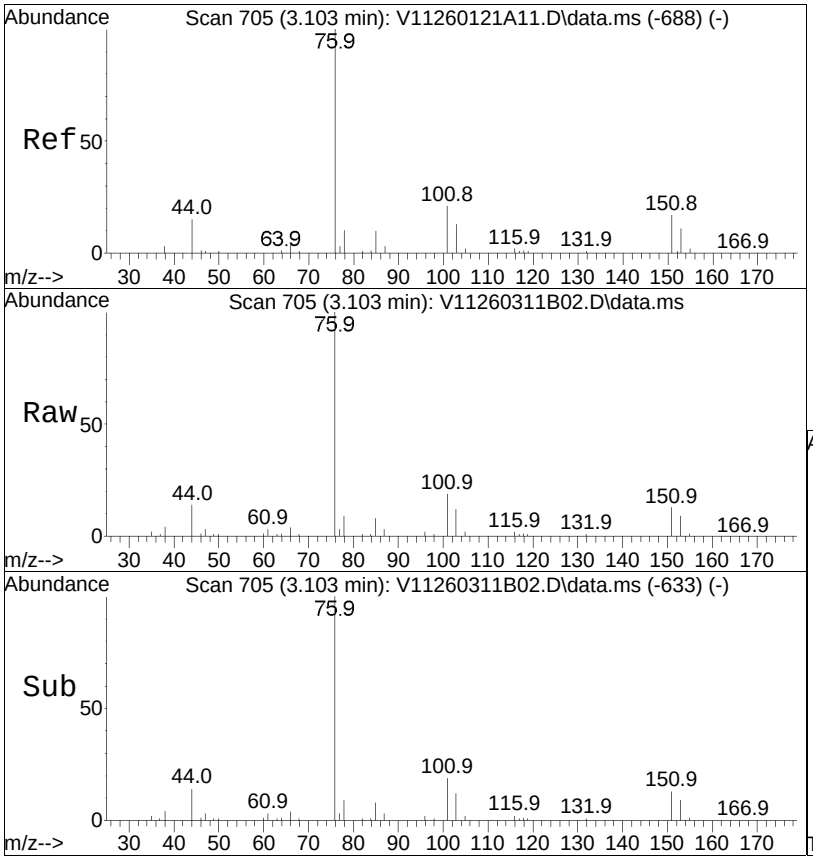


#10
1,1-Dichloroethene
Concen: 38.53 ug/L
RT: 3.067 min Scan# 692
Delta R.T. -0.000 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 96 Resp: 120714

Ion	Ratio	Lower	Upper
96	100		
61	185.1	157.7	236.5
63	59.3	47.9	71.9

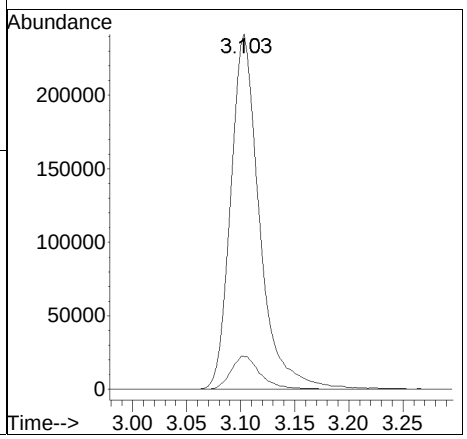


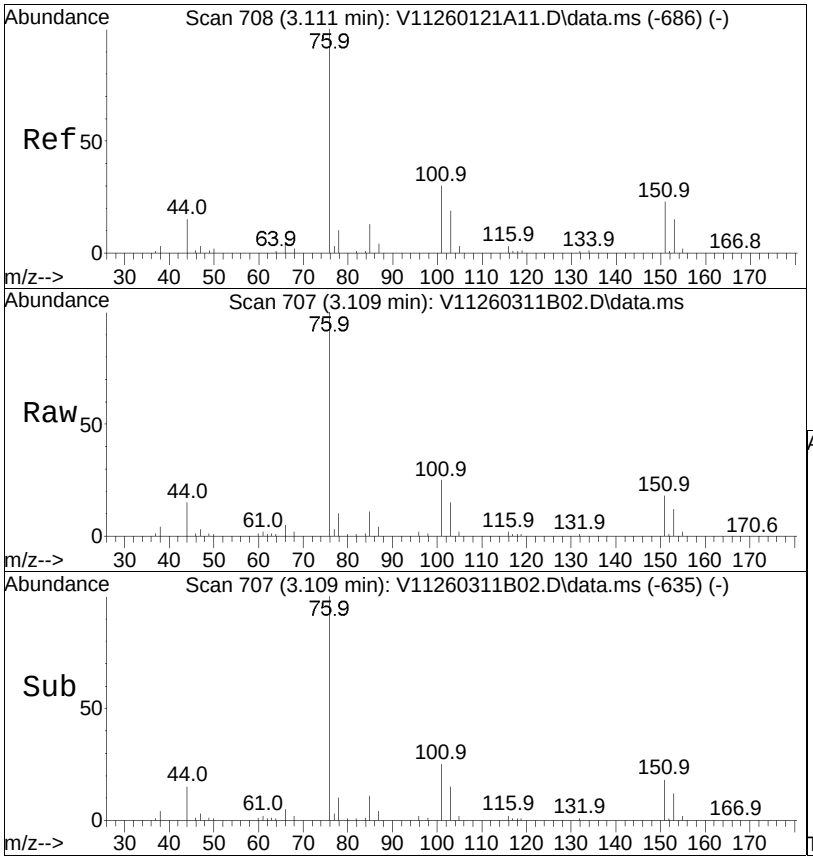


#11
Carbon disulfide
Concen: 38.21 ug/L
RT: 3.103 min Scan# 705
Delta R.T. -0.000 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 76 Resp: 449683

Ion	Ratio	Lower	Upper
76	100		
78	9.6	6.4	13.4

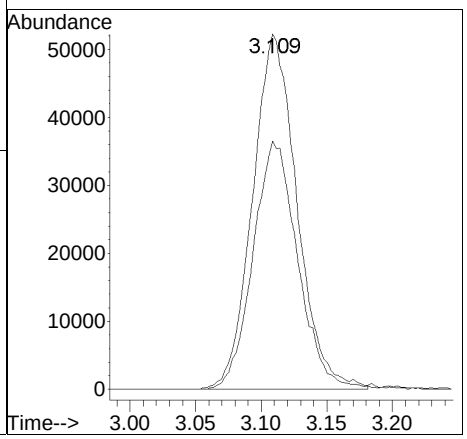


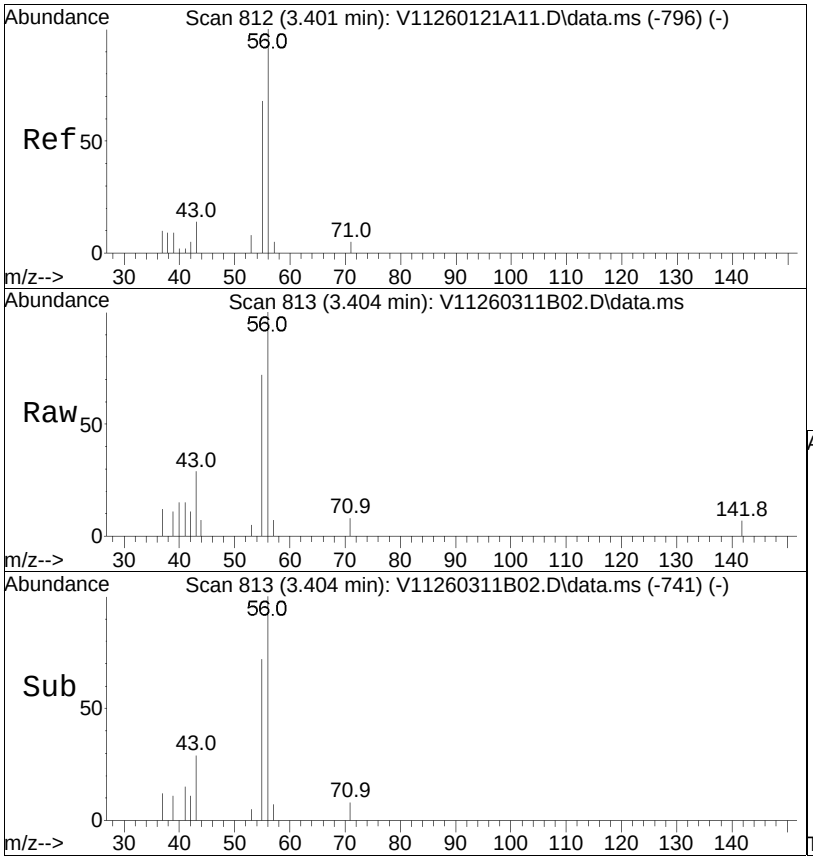


#12
Freon-113
Concen: 40.35 ug/L
RT: 3.109 min Scan# 707
Delta R.T. -0.000 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:101 Resp: 123264

Ion	Ratio	Lower	Upper
101	100		
151	70.3	62.2	93.4

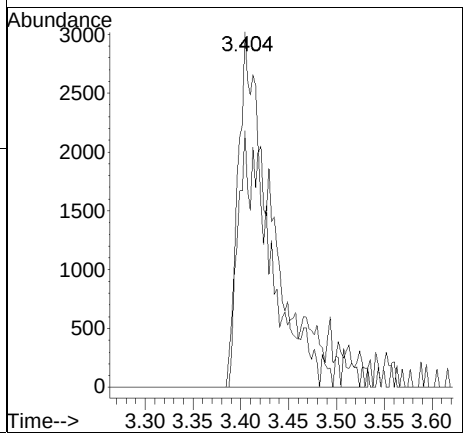


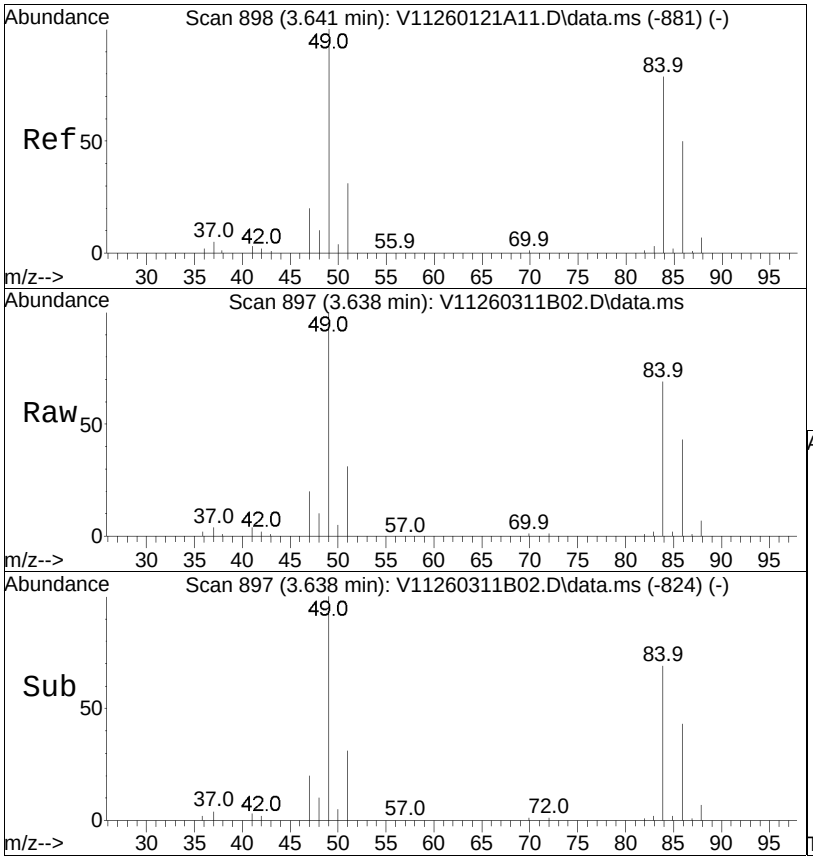


#14
Acrolein
Concen: 32.06 ug/L M1
RT: 3.404 min Scan# 813
Delta R.T. 0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 56 Resp: 8037

Ion	Ratio	Lower	Upper
56	100		
55	23.2	54.6	82.0#

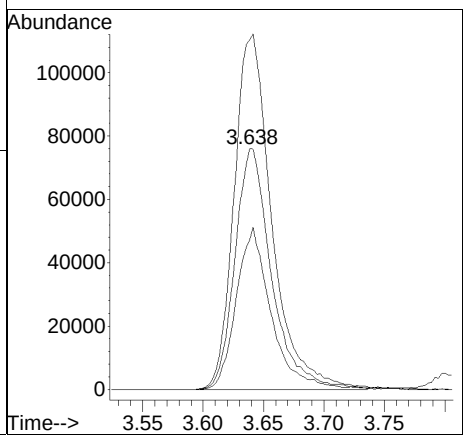


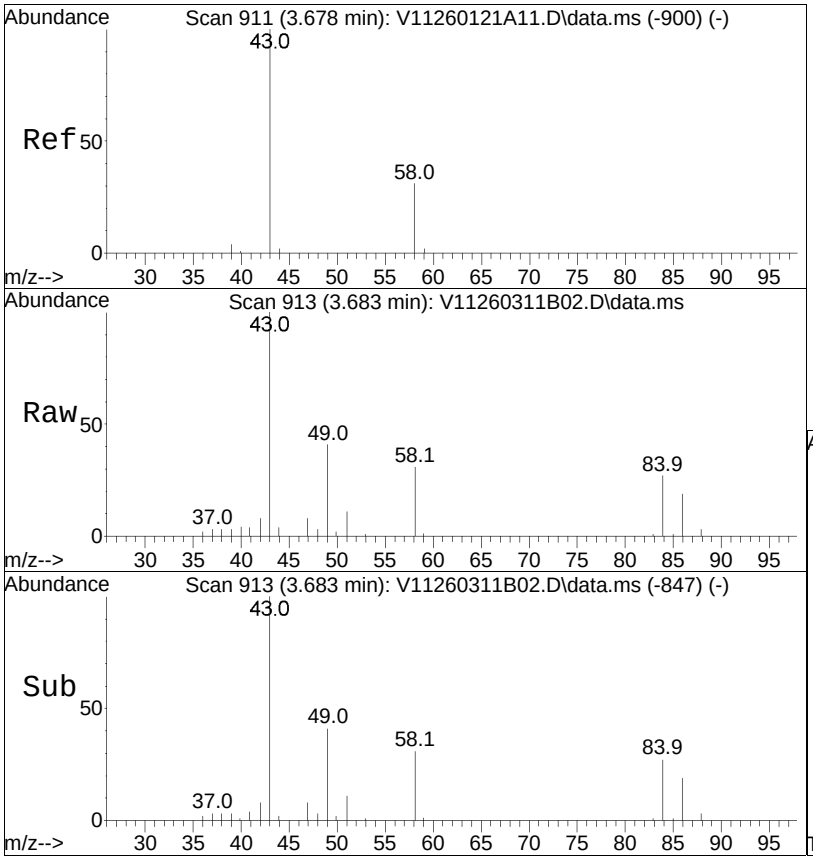


#15
Methylene chloride
Concen: 37.86 ug/L
RT: 3.638 min Scan# 897
Delta R.T. 0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 84 Resp: 160692

Ion	Ratio	Lower	Upper
84	100		
86	63.6	41.1	85.3
49	151.5	124.2	258.0

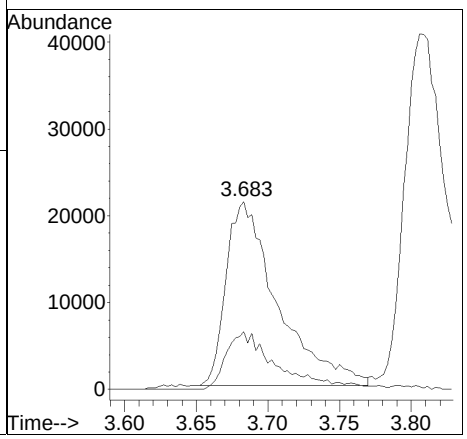


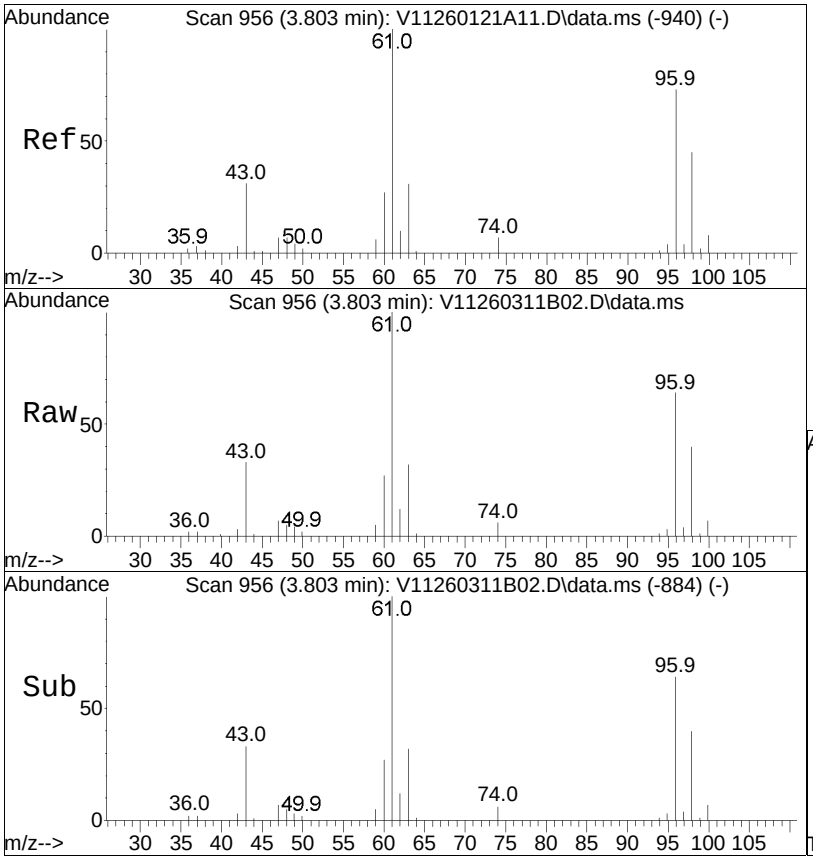


#17
Acetone
Concen: 52.86 ug/L
RT: 3.683 min Scan# 913
Delta R.T. -0.017 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 43 Resp: 53173

Ion	Ratio	Lower	Upper
43	100		
58	29.7	20.8	31.2

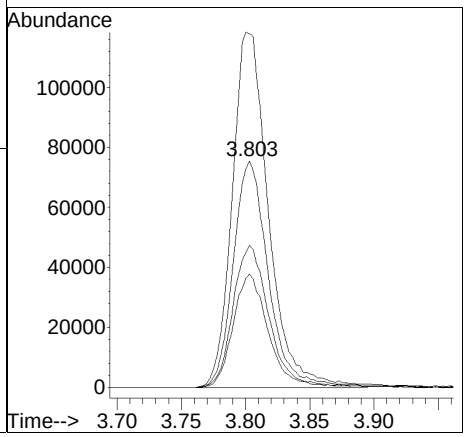


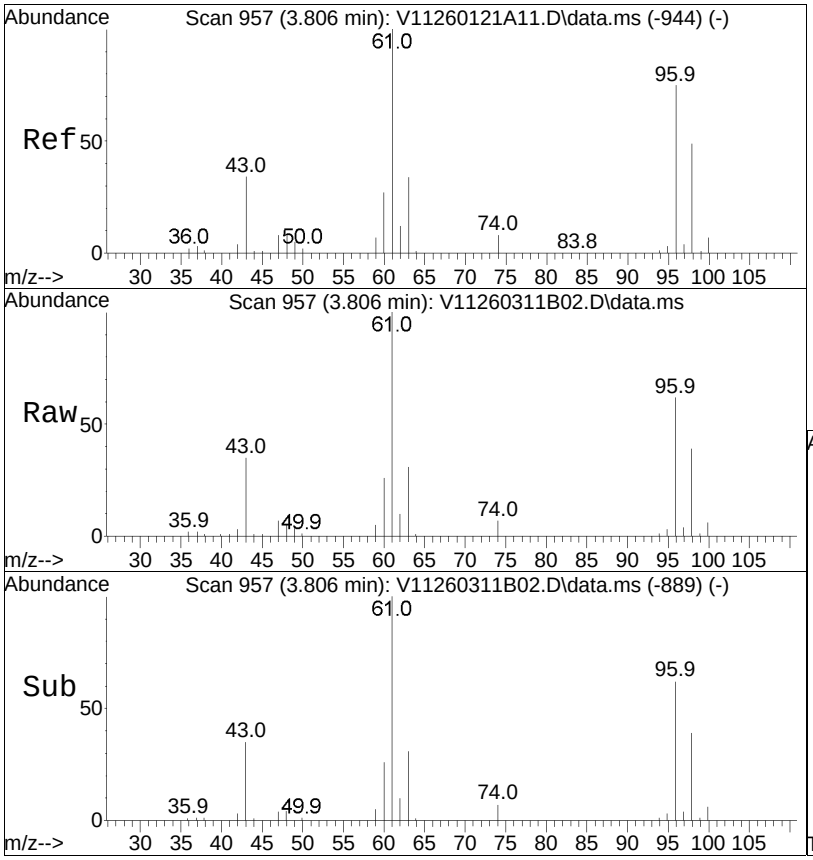


#18
trans-1,2-Dichloroethene
Concen: 38.91 ug/L
RT: 3.803 min Scan# 956
Delta R.T. -0.000 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 96 Resp: 143713

Ion	Ratio	Lower	Upper
96	100		
61	162.6	111.1	230.8
98	63.6	41.8	86.8
63	49.9	33.3	69.1

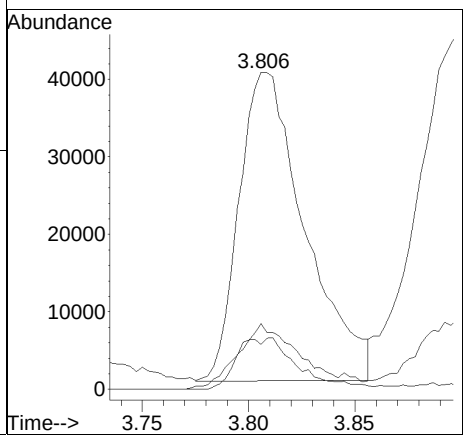


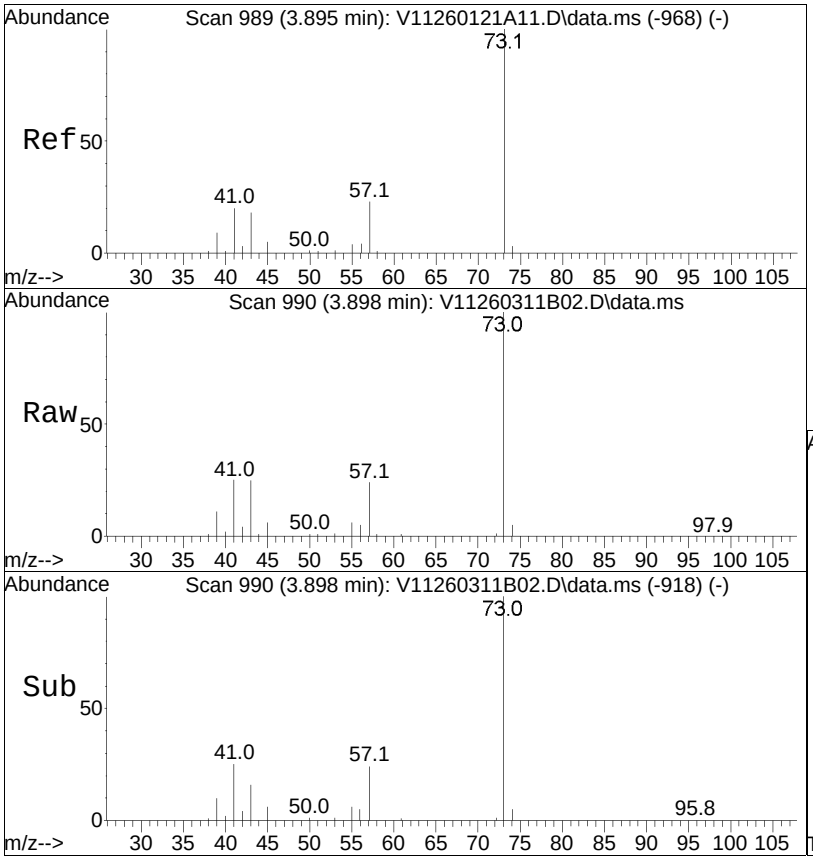


#19
Methyl acetate
Concen: 46.50 ug/L
RT: 3.806 min Scan# 957
Delta R.T. -0.011 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 43 Resp: 86050

Ion	Ratio	Lower	Upper
43	100		
74	18.4	11.3	16.9#
59	7.8	10.4	15.6#

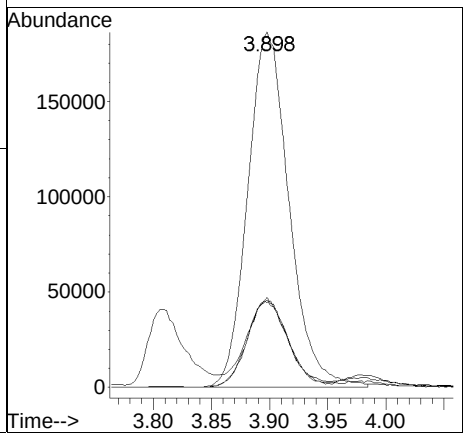


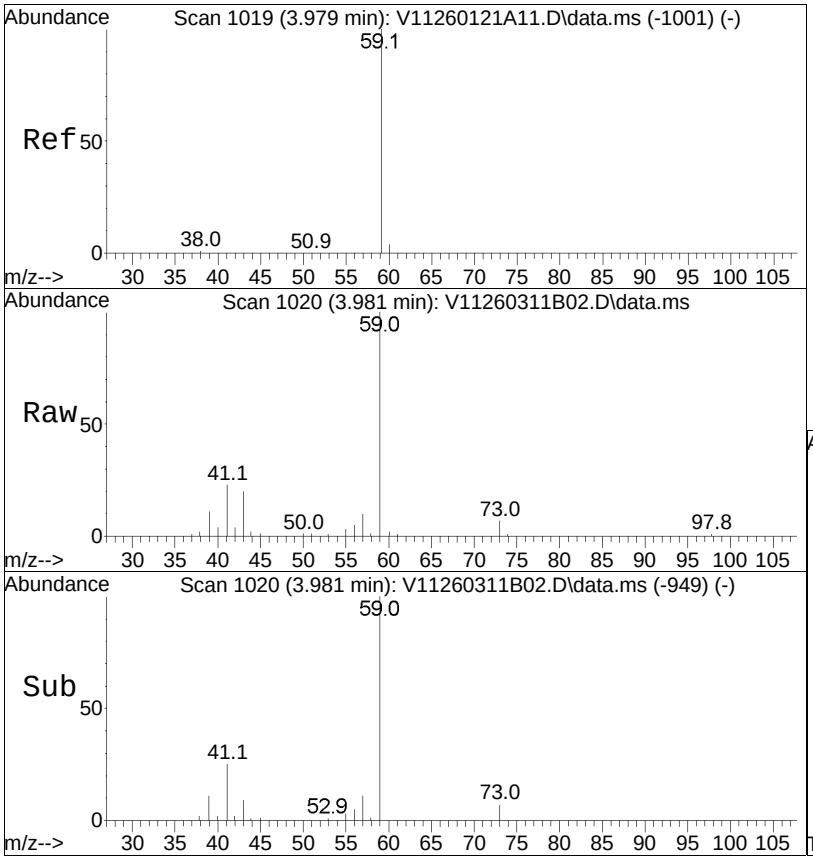


#20
Methyl tert-butyl ether
Concen: 40.58 ug/L
RT: 3.898 min Scan# 990
Delta R.T. -0.000 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 73 Resp: 461876

Ion	Ratio	Lower	Upper
73	100		
57	24.4	19.6	40.6
43	23.6	18.5	38.3
41	24.4	20.3	42.1

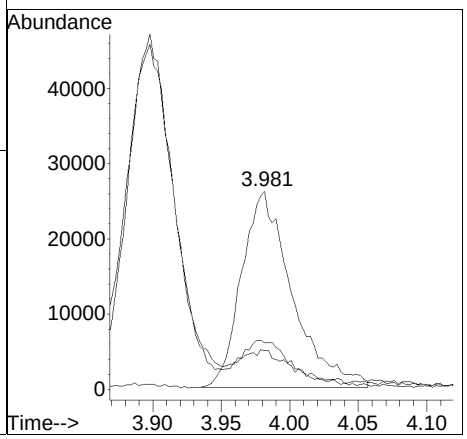


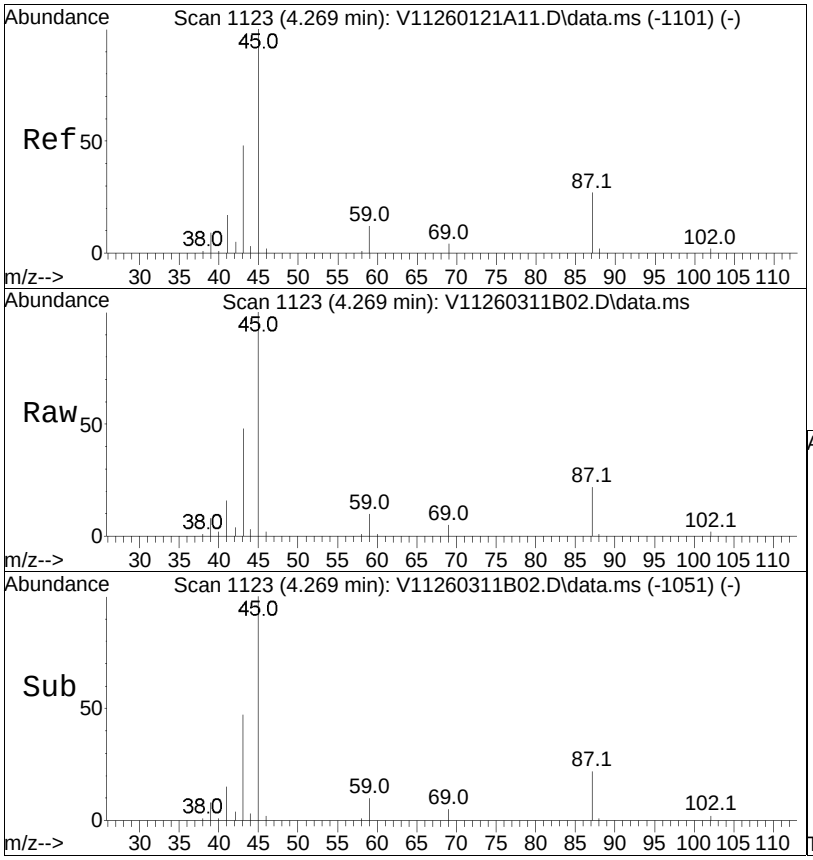


#21
tert-Butyl alcohol
Concen: 177.64 ug/L
RT: 3.981 min Scan# 1020
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 59 Resp: 67035

Ion	Ratio	Lower	Upper
59	100		
41	23.4	17.1	35.5
43	13.3	11.5	23.9

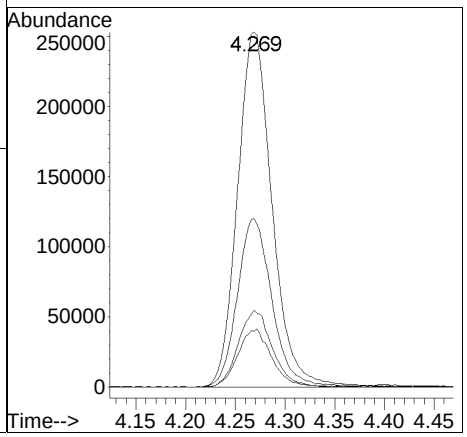


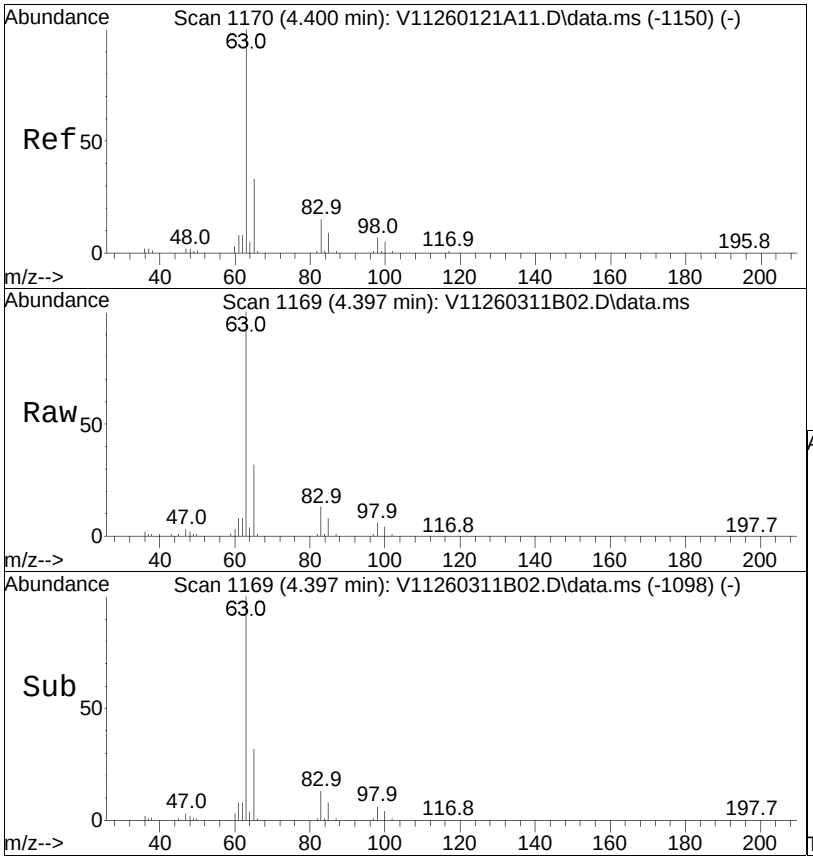


#22
Diisopropyl ether
Concen: 49.23 ug/L
RT: 4.269 min Scan# 1123
Delta R.T. -0.000 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 45 Resp: 614315

Ion	Ratio	Lower	Upper
45	100		
43	47.4	30.0	62.2
87	21.4	11.1	23.0
41	16.2	9.9	20.7

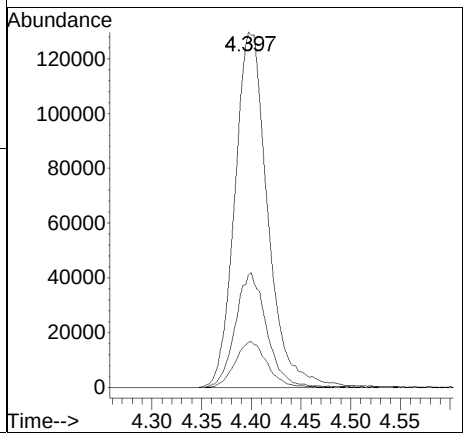


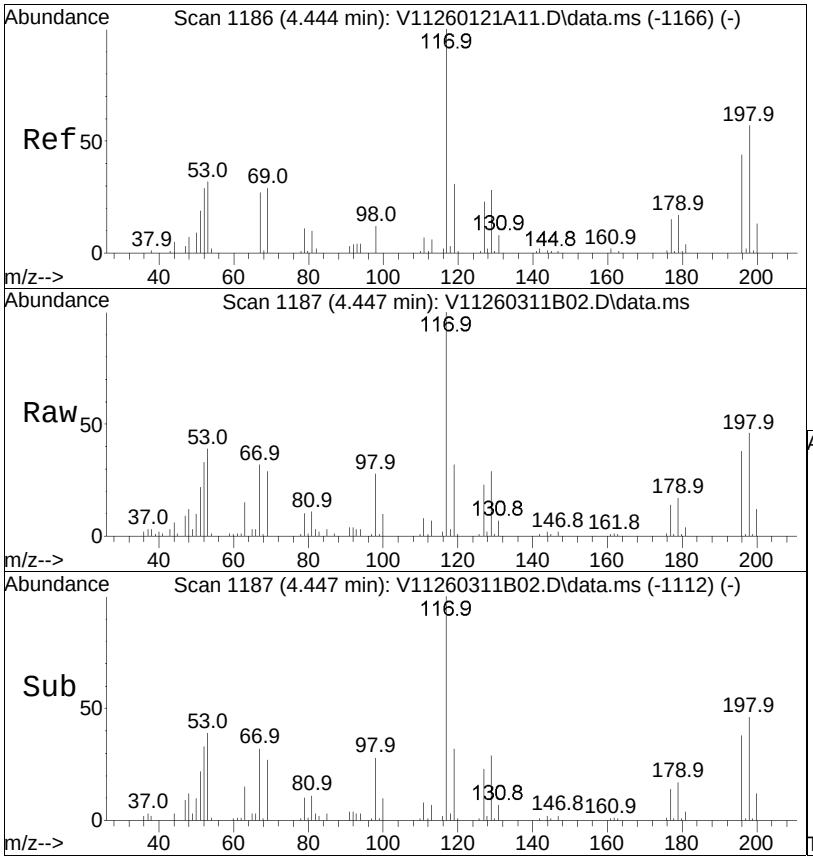


#23
1,1-Dichloroethane
Concen: 44.14 ug/L
RT: 4.397 min Scan# 1169
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 63 Resp: 298762

Ion	Ratio	Lower	Upper
63	100		
65	30.7	9.0	49.0
83	12.6	0.0	31.4

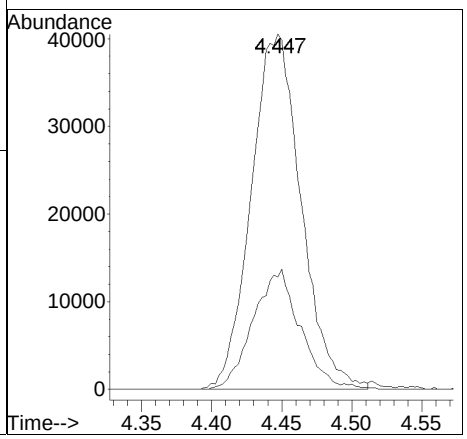


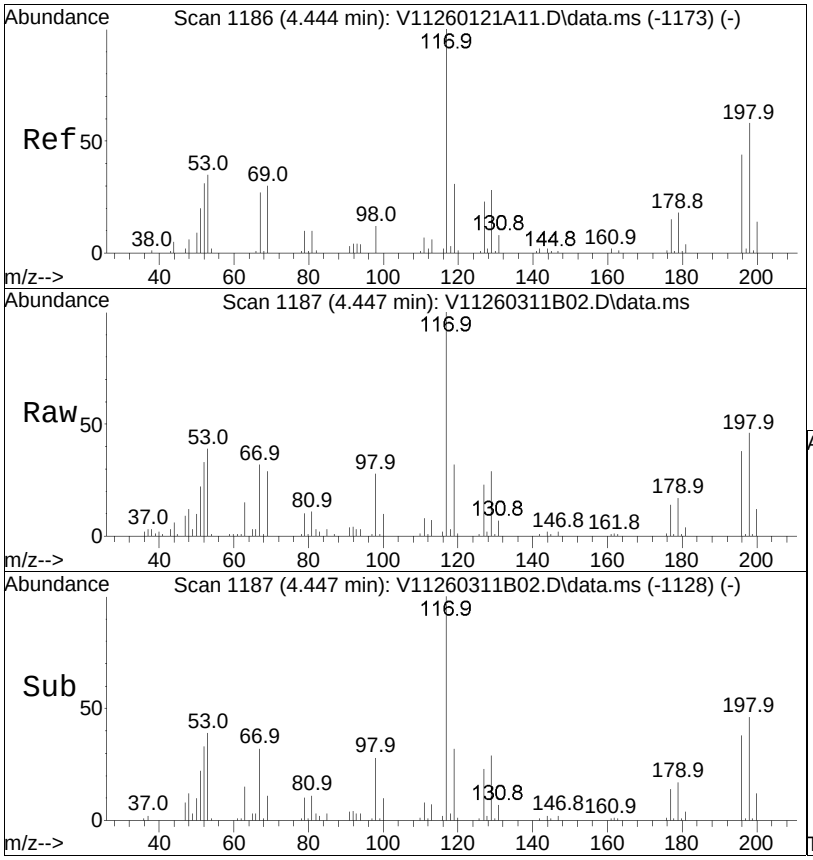


#24
Halothane
Concen: 37.27 ug/L
RT: 4.447 min Scan# 1187
Delta R.T. 0.008 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:117 Resp: 100647

Ion	Ratio	Lower	Upper
117	100		
119	32.0	20.3	42.1

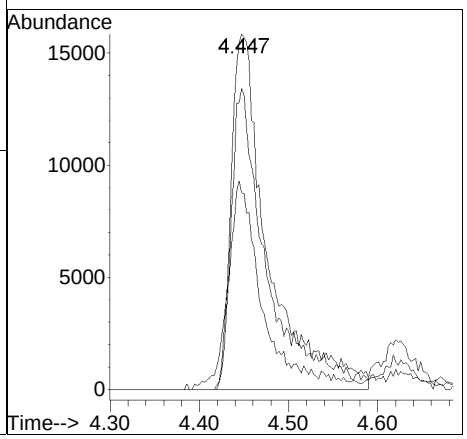


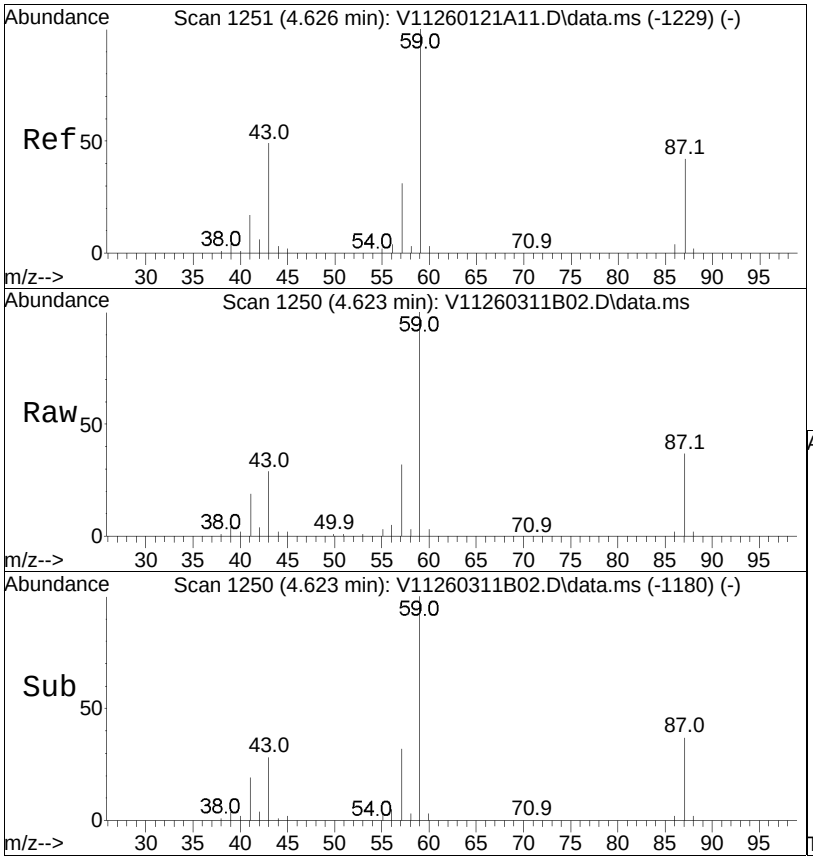


#25
Acrylonitrile
Concen: 46.31 ug/L M1
RT: 4.447 min Scan# 1187
Delta R.T. -0.036 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 53 Resp: 45848

Ion	Ratio	Lower	Upper
53	100		
52	68.3	66.9	100.3
51	49.1	42.6	63.8

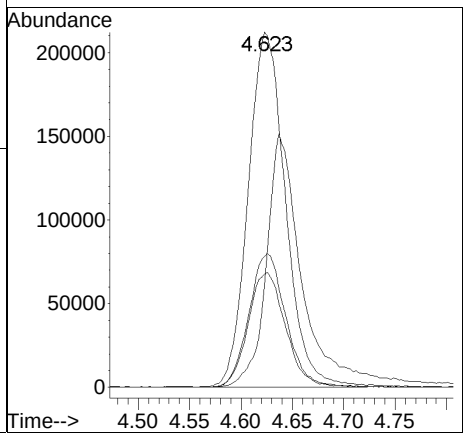


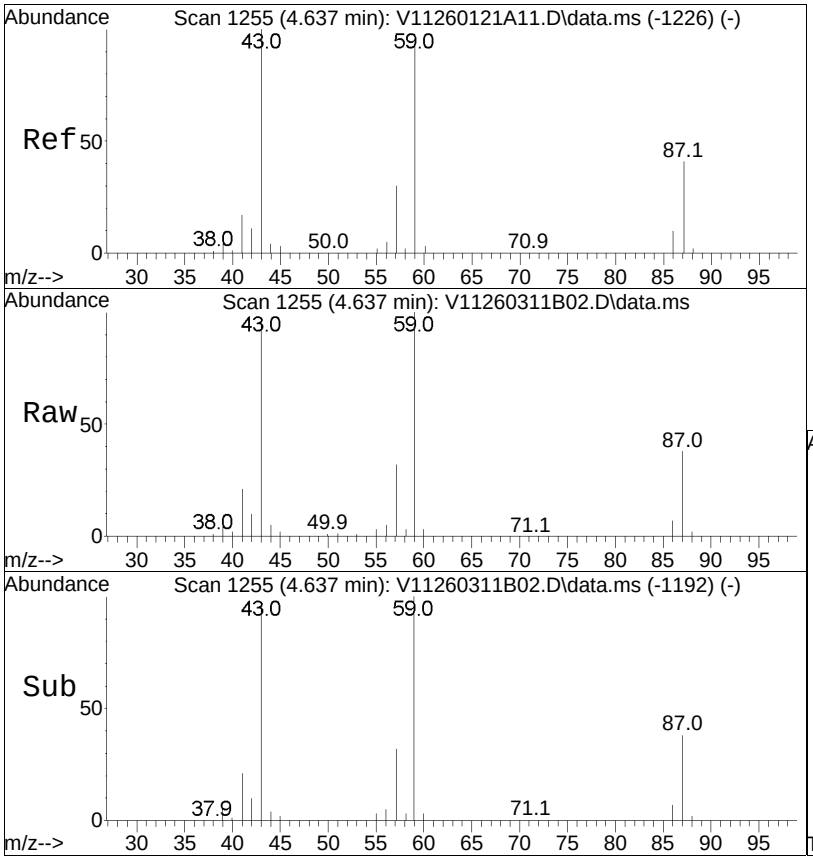


#26
Ethyl tert-butyl ether
Concen: 43.18 ug/L
RT: 4.623 min Scan# 1250
Delta R.T. -0.006 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 59 Resp: 534685

Ion	Ratio	Lower	Upper
59	100		
87	37.6	21.6	44.8
57	32.4	22.2	46.0
43	68.1	48.8	101.4

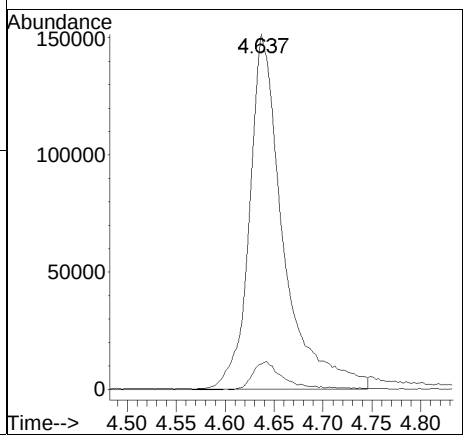


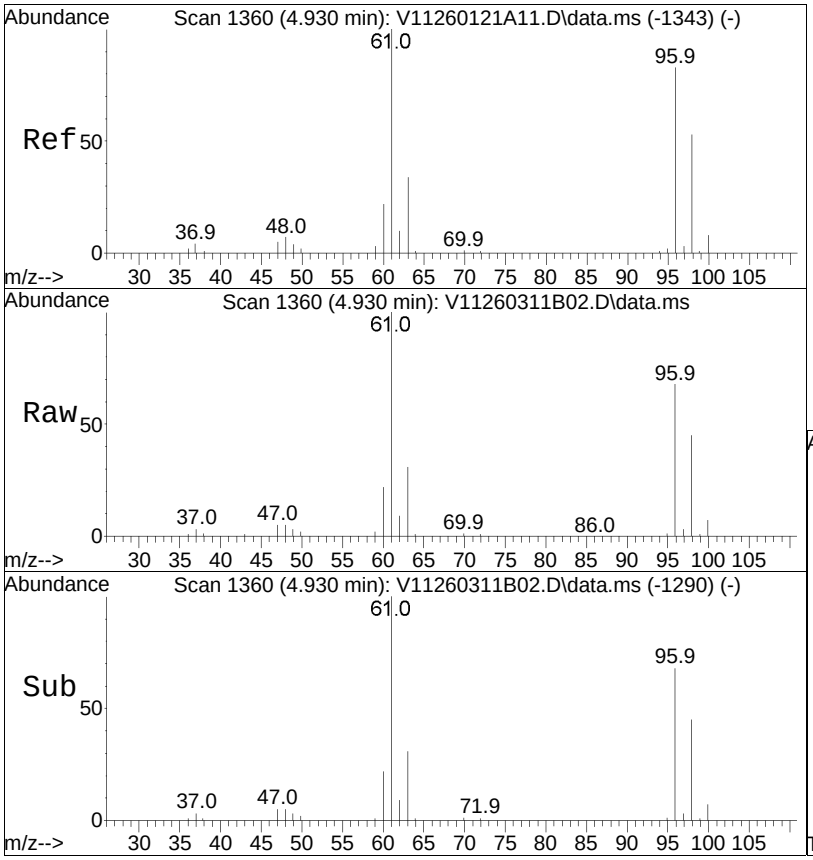


#27
Vinyl acetate
Concen: 41.36 ug/L
RT: 4.637 min Scan# 1255
Delta R.T. -0.025 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 43 Resp: 364086

Ion	Ratio	Lower	Upper
43	100		
86	6.9	4.6	6.8#

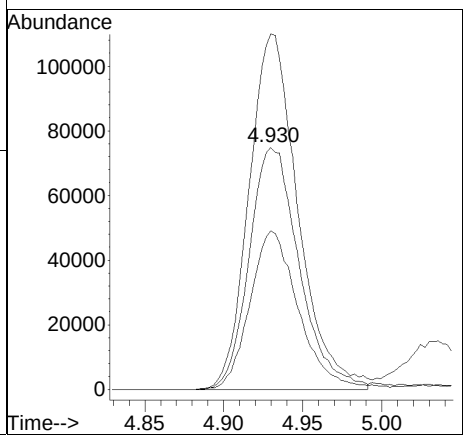


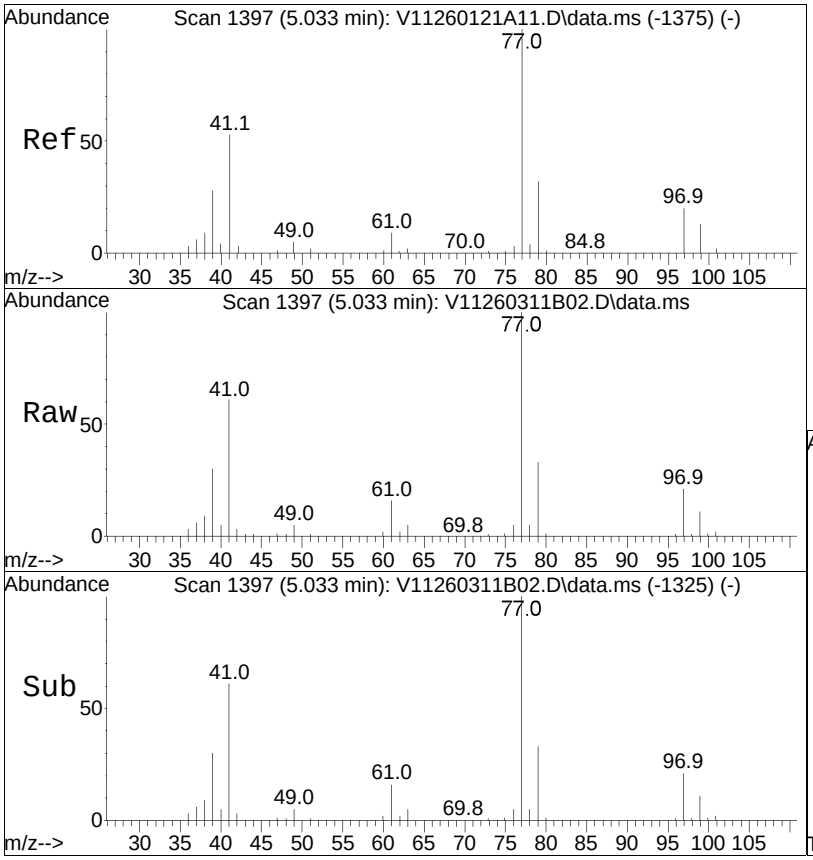


#28
cis-1,2-Dichloroethene
Concen: 39.06 ug/L
RT: 4.930 min Scan# 1360
Delta R.T. -0.006 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 96 Resp: 164723

Ion	Ratio	Lower	Upper
96	100		
61	144.7	126.3	189.5
98	64.0	51.0	76.6

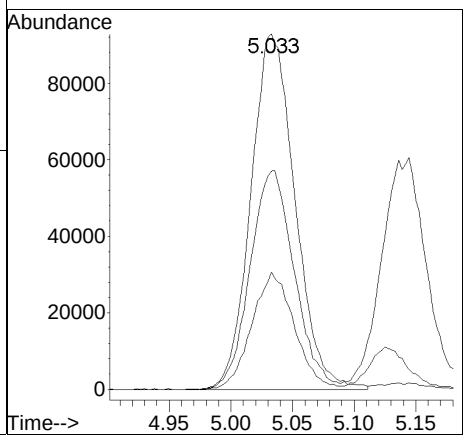


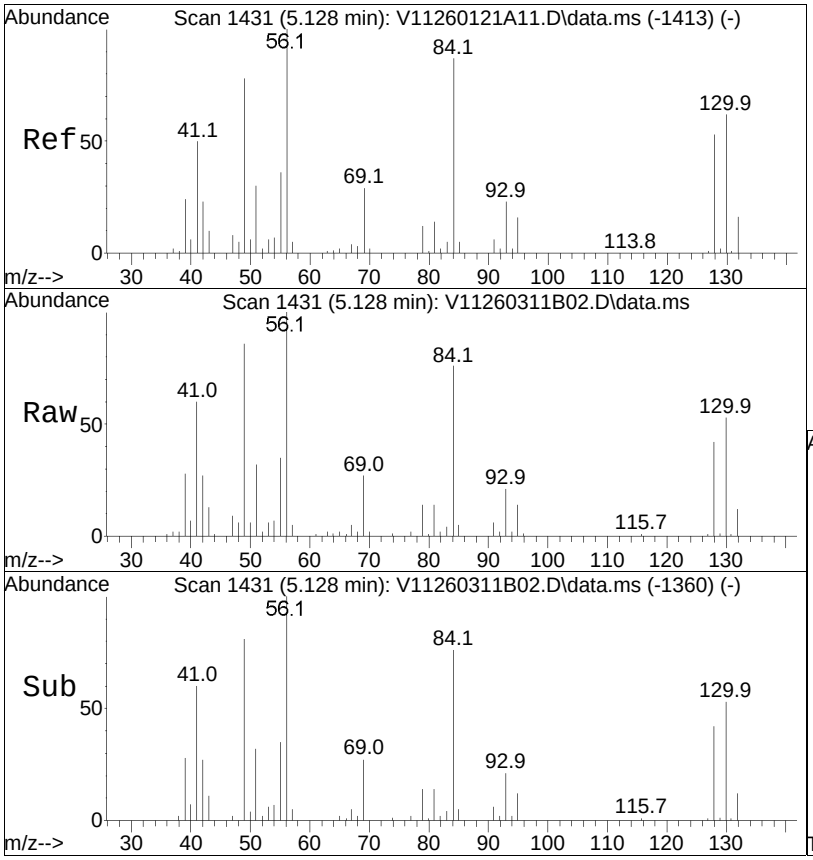


#29
2,2-Dichloropropane
Concen: 42.03 ug/L
RT: 5.033 min Scan# 1397
Delta R.T. -0.000 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 77 Resp: 231450

Ion	Ratio	Lower	Upper
77	100		
41	61.7	45.5	94.5
79	31.7	20.9	43.3

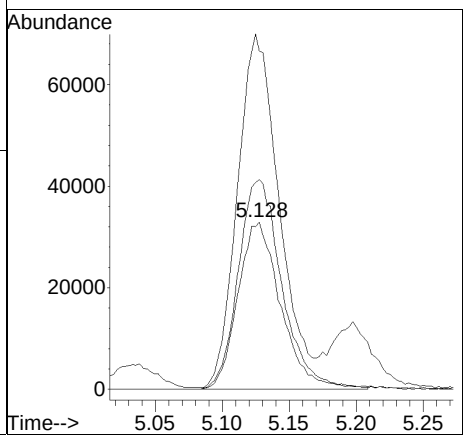


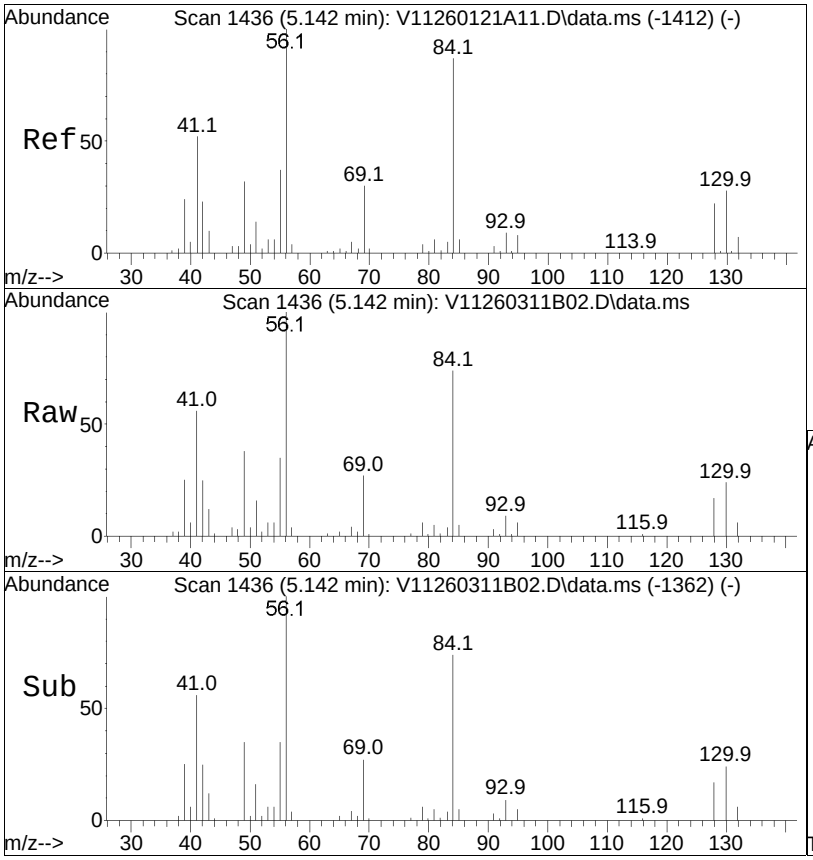


#30
Bromochloromethane
Concen: 36.80 ug/L
RT: 5.128 min Scan# 1431
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:128 Resp: 73485

Ion	Ratio	Lower	Upper
128	100		
49	204.7	201.3	301.9
130	127.4	106.2	159.2

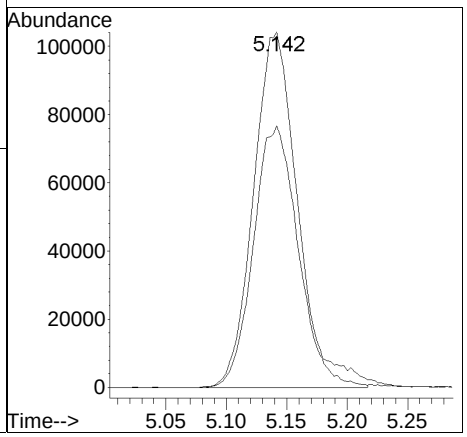


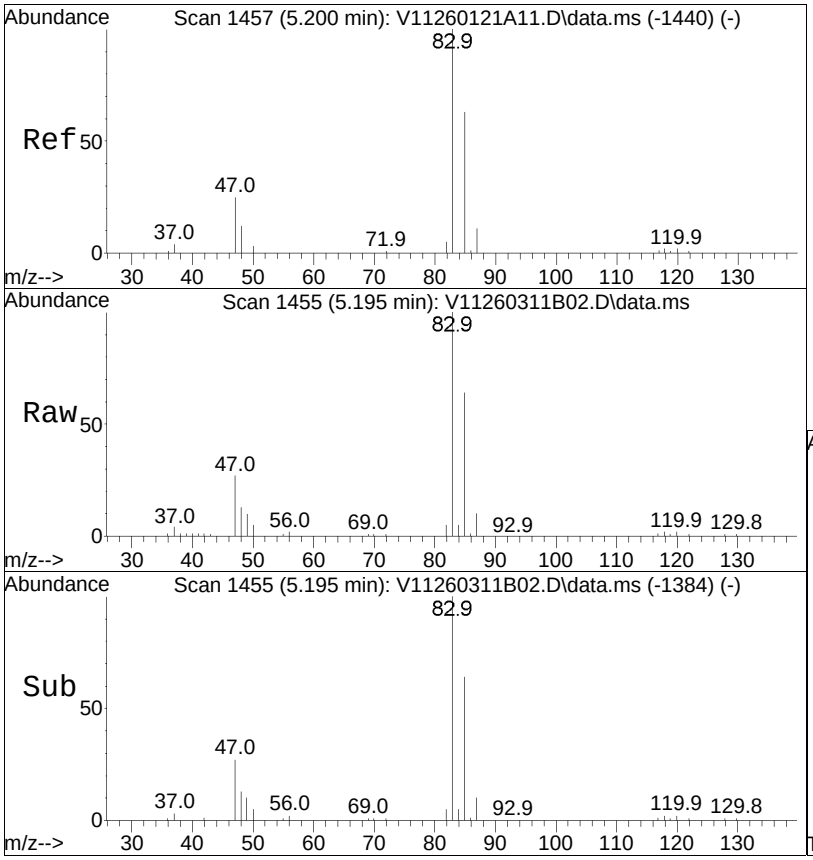


#31
Cyclohexane
Concen: 46.11 ug/L
RT: 5.142 min Scan# 1436
Delta R.T. 0.006 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 56 Resp: 259256

Ion	Ratio	Lower	Upper
56	100		
84	79.8	40.5	84.1

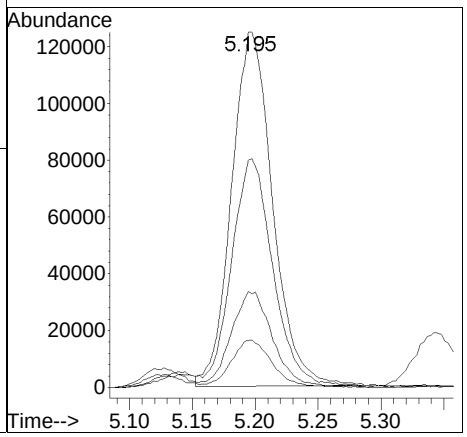


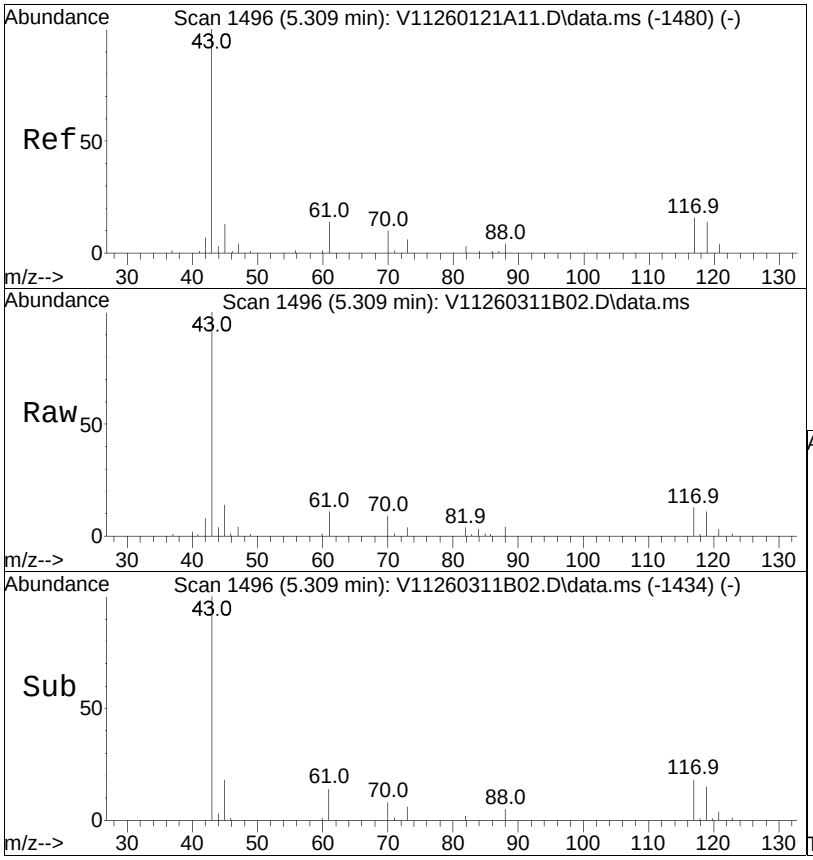


#32
Chloroform
Concen: 40.02 ug/L
RT: 5.195 min Scan# 1455
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 83 Resp: 284203

Ion	Ratio	Lower	Upper
83	100		
85	64.2	41.9	87.1
47	26.8	20.9	43.3
48	12.9	9.9	20.5

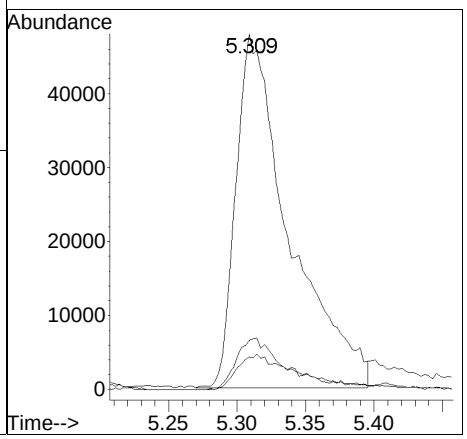


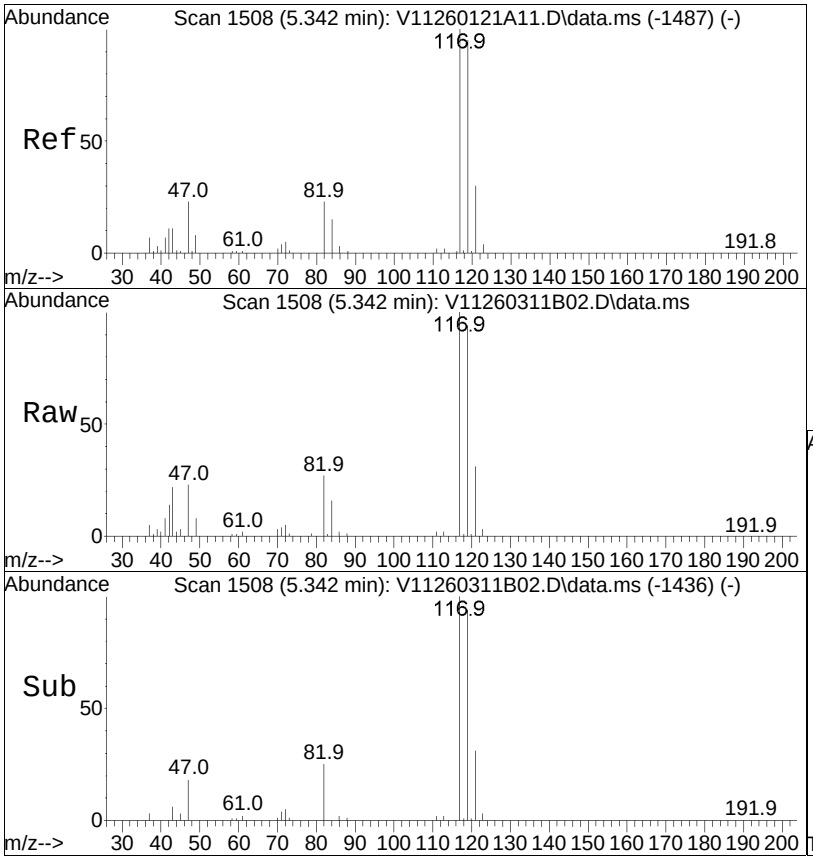


#33
Ethyl acetate
Concen: 44.20 ug/L
RT: 5.309 min Scan# 1496
Delta R.T. -0.028 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 43 Resp: 129408

Ion	Ratio	Lower	Upper
43	100		
45	11.5	10.9	16.3
70	9.9	6.2	9.2#

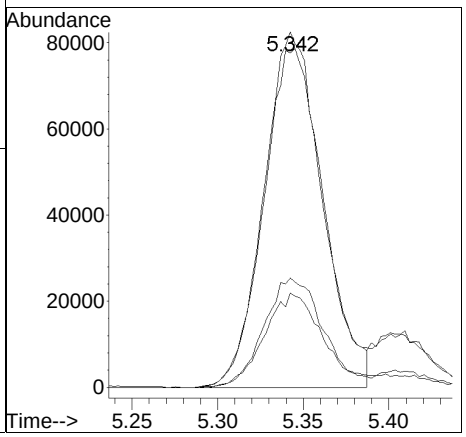


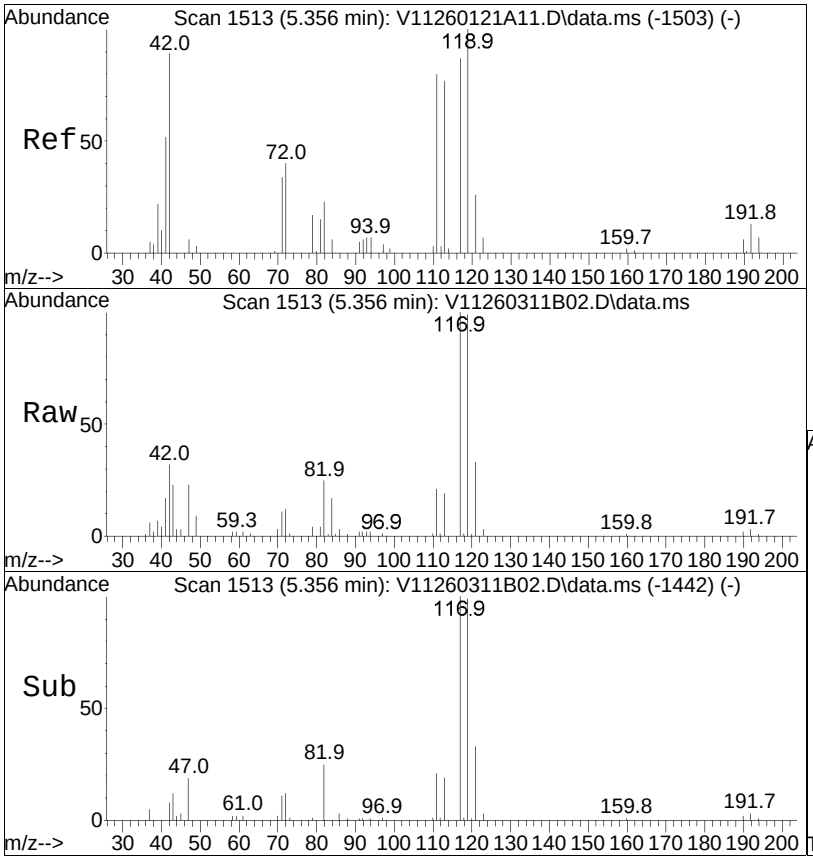


#34
Carbon tetrachloride
Concen: 38.64 ug/L
RT: 5.342 min Scan# 1508
Delta R.T. -0.000 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:117 Resp: 197523

Ion	Ratio	Lower	Upper
117	100		
119	97.3	64.0	132.8
121	31.1	20.7	42.9
82	26.6	16.3	33.8

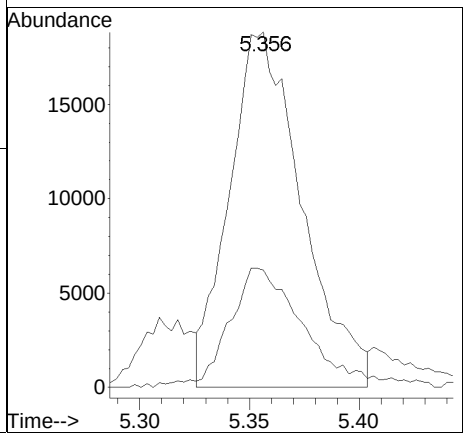


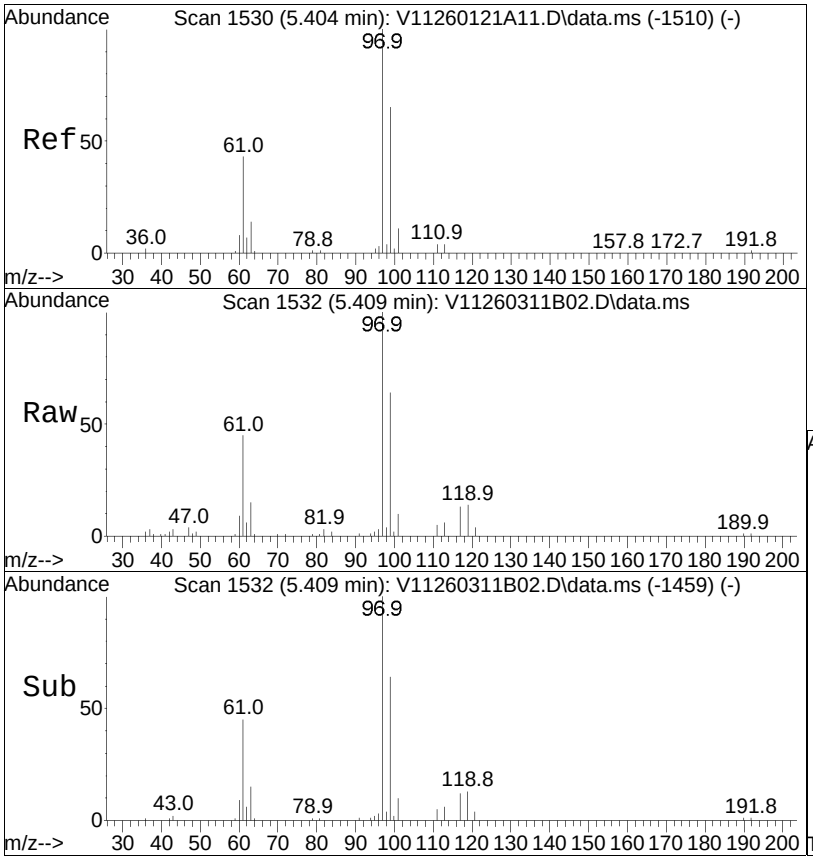


#35
Tetrahydrofuran
Concen: 43.49 ug/L M1
RT: 5.356 min Scan# 1513
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 42 Resp: 43466

Ion	Ratio	Lower	Upper
42	100		
71	34.2	16.9	25.3#

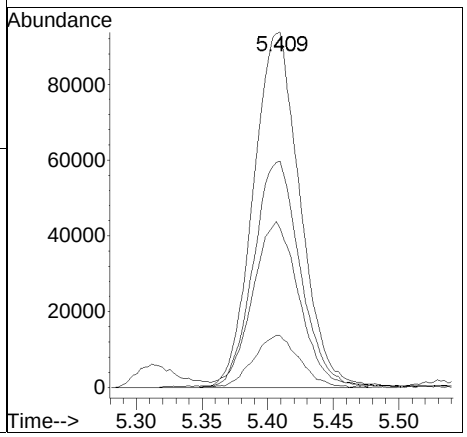


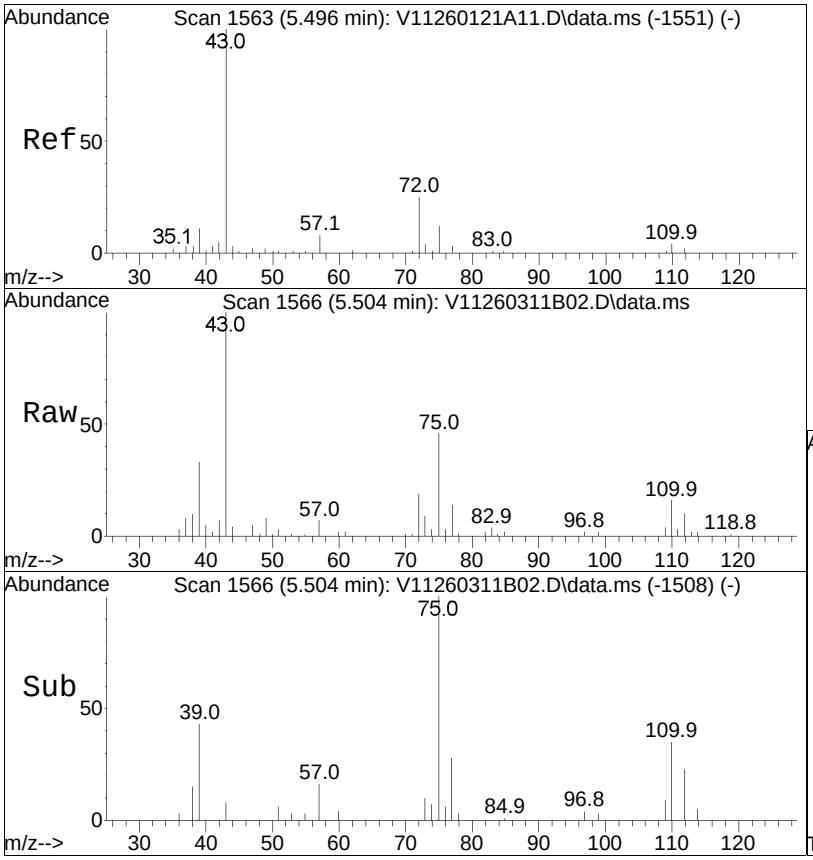


#37
1,1,1-Trichloroethane
Concen: 41.10 ug/L
RT: 5.409 min Scan# 1532
Delta R.T. 0.006 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 97 Resp: 231527

Ion	Ratio	Lower	Upper
97	100		
99	64.2	41.5	86.1
61	46.6	32.2	67.0
63	14.5	10.1	20.9

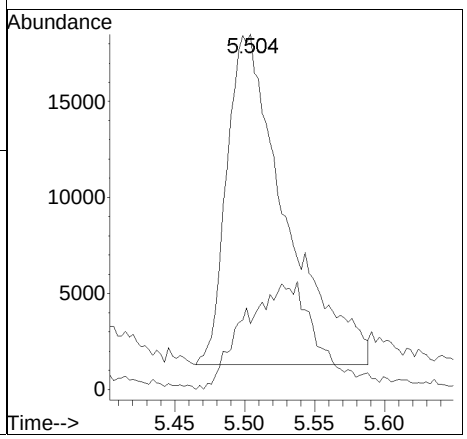


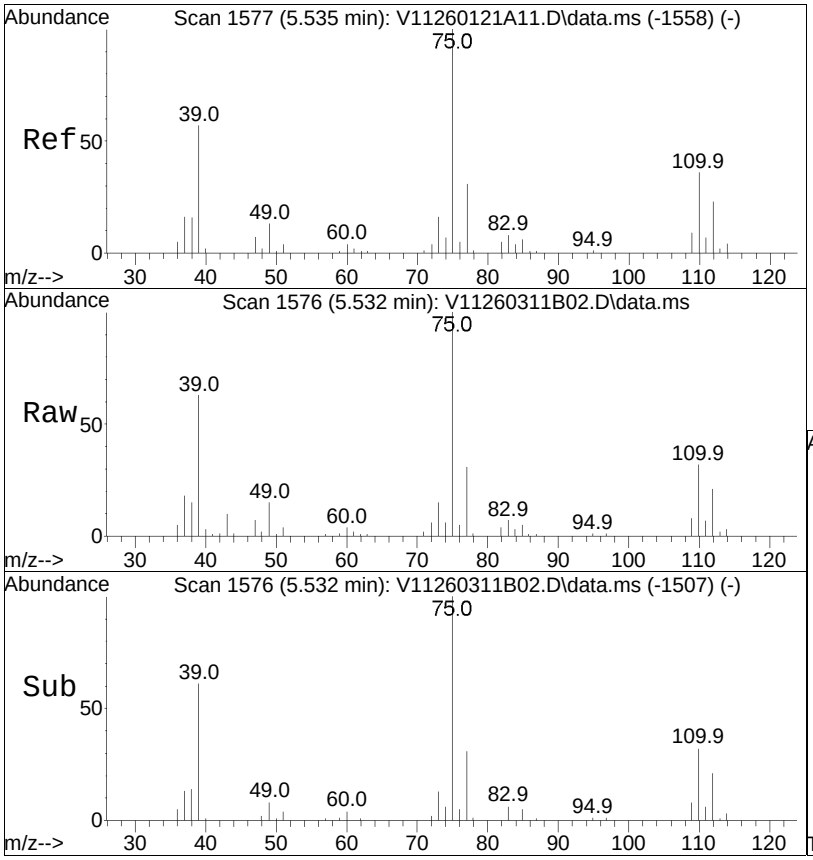


#39
2-Butanone
Concen: 45.47 ug/L
RT: 5.504 min Scan# 1566
Delta R.T. -0.039 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 43 Resp: 50370

Ion	Ratio	Lower	Upper
43	100		
72	8.8	21.0	31.6#

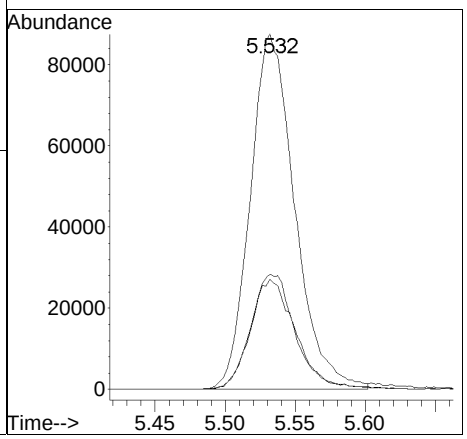


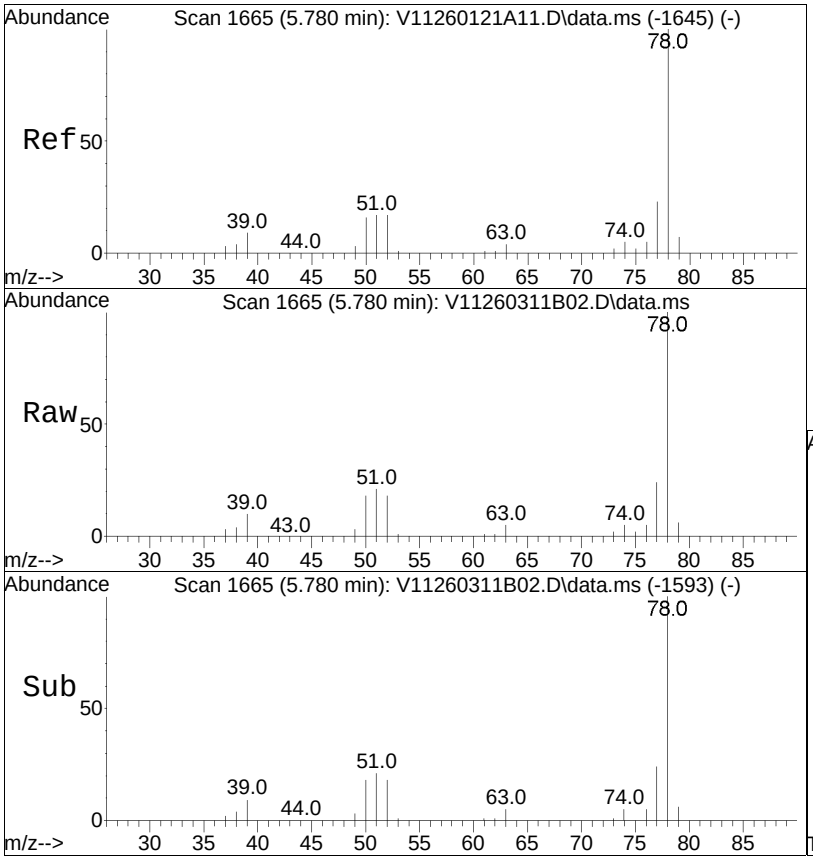


#40
1,1-Dichloropropene
Concen: 43.06 ug/L
RT: 5.532 min Scan# 1576
Delta R.T. -0.008 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 75 Resp: 193824

Ion	Ratio	Lower	Upper
75	100		
110	32.9	23.6	49.0
77	31.0	20.2	41.9

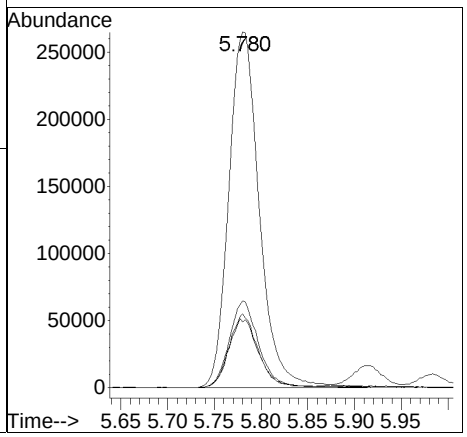


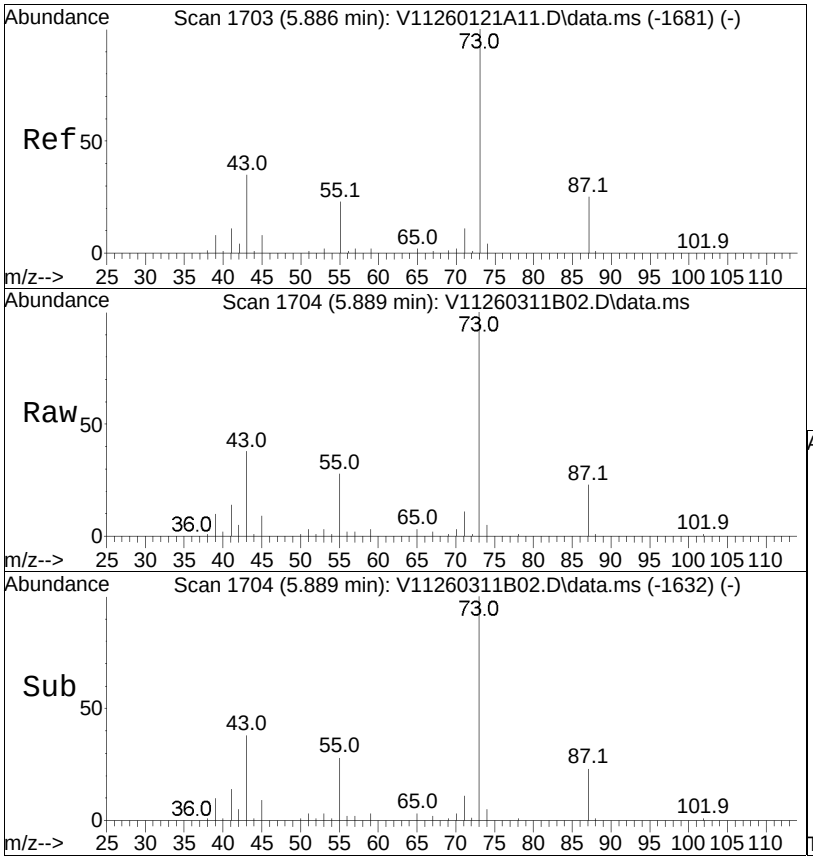


#41
Benzene
Concen: 41.21 ug/L
RT: 5.780 min Scan# 1665
Delta R.T. -0.000 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 78 Resp: 603740

Ion	Ratio	Lower	Upper
78	100		
77	23.2	15.1	31.3
51	19.5	15.8	32.8
52	18.8	15.6	32.4

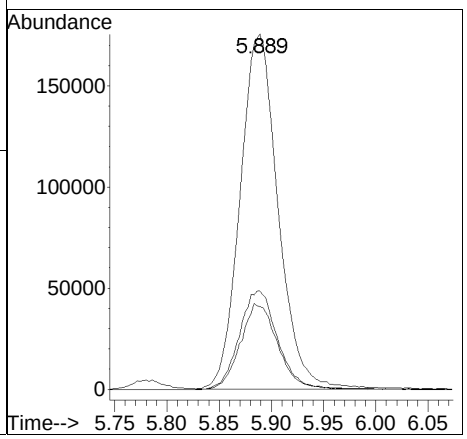


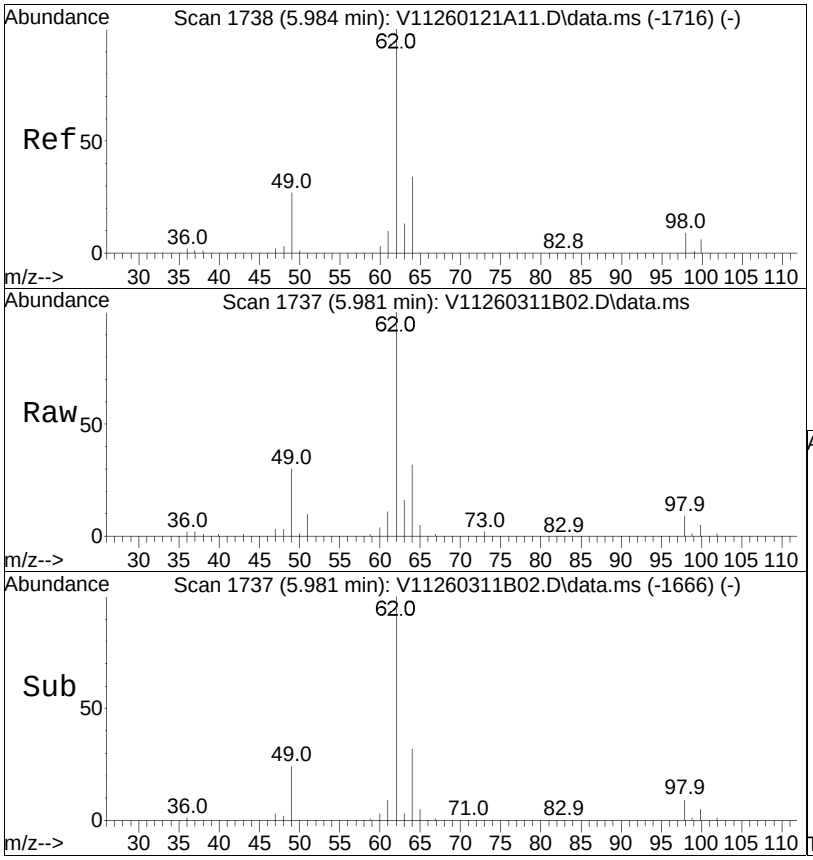


#42
tert-Amyl methyl ether
Concen: 38.55 ug/L
RT: 5.889 min Scan# 1704
Delta R.T. -0.000 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 73 Resp: 442275

Ion	Ratio	Lower	Upper
73	100		
55	28.0	22.5	46.7
87	23.9	16.0	33.2

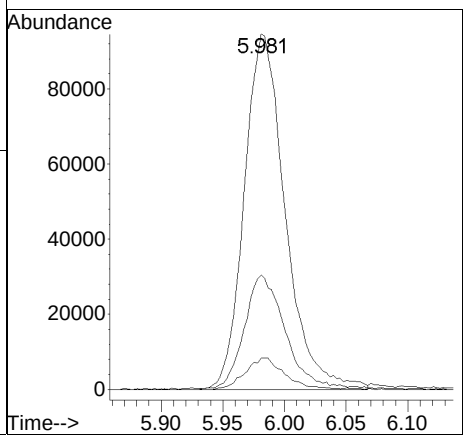


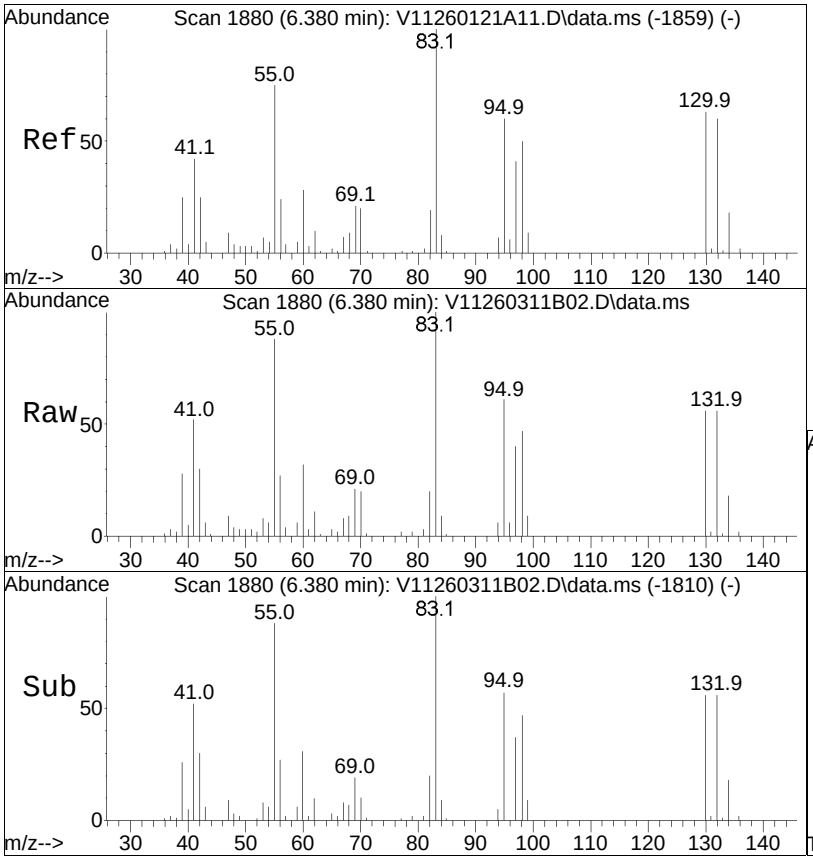


#44
1,2-Dichloroethane
Concen: 43.47 ug/L
RT: 5.981 min Scan# 1737
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 62 Resp: 218519

Ion	Ratio	Lower	Upper
62	100		
64	31.3	11.1	51.1
98	8.5	0.0	28.0

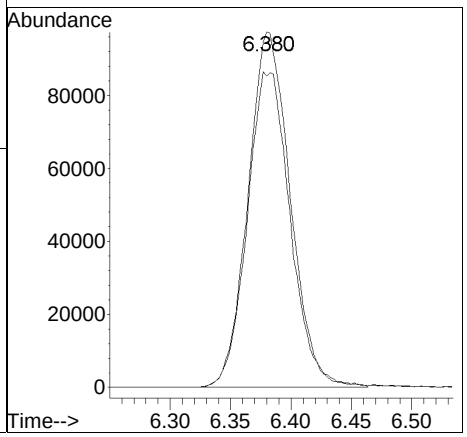


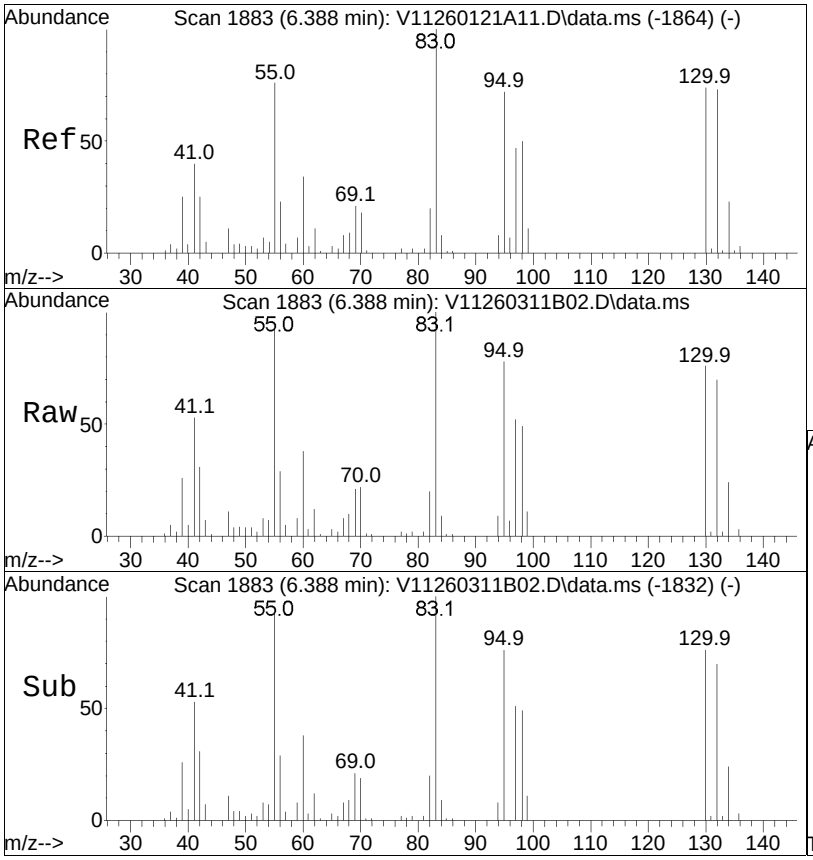


#47
Methyl cyclohexane
Concen: 40.46 ug/L
RT: 6.380 min Scan# 1880
Delta R.T. -0.006 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 83 Resp: 236896

Ion	Ratio	Lower	Upper
83	100		
55	90.0	88.1	132.1

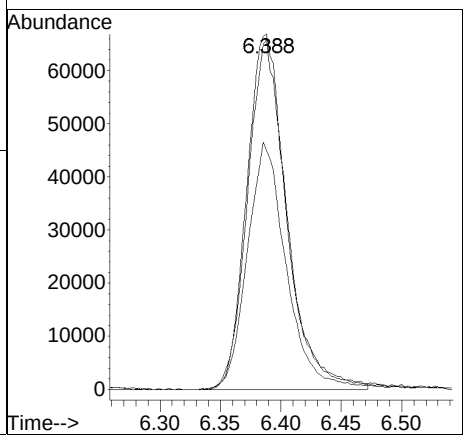


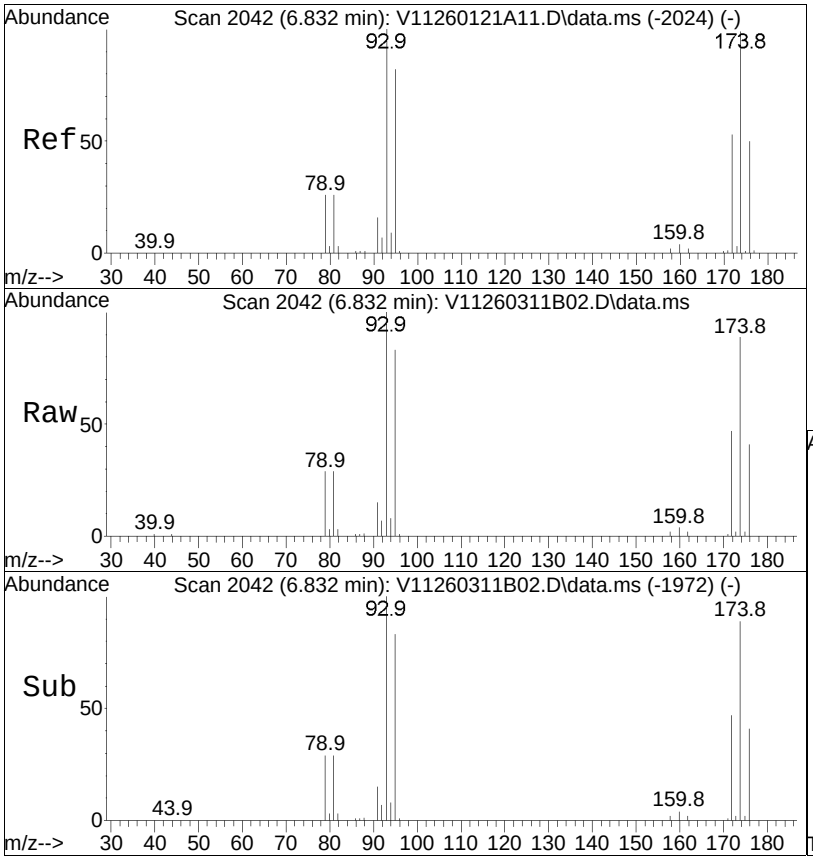


#48
Trichloroethene
Concen: 39.33 ug/L
RT: 6.388 min Scan# 1883
Delta R.T. -0.008 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 95 Resp: 155579

Ion	Ratio	Lower	Upper
95	100		
97	67.5	54.3	81.5
130	94.9	84.6	126.8

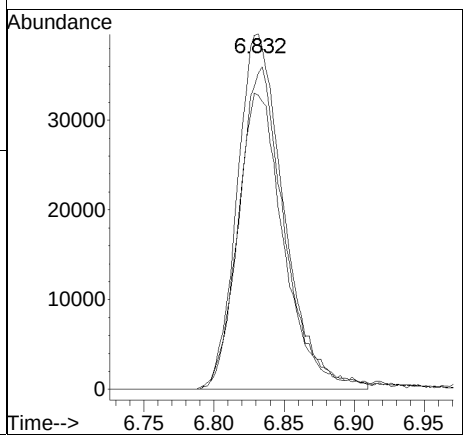


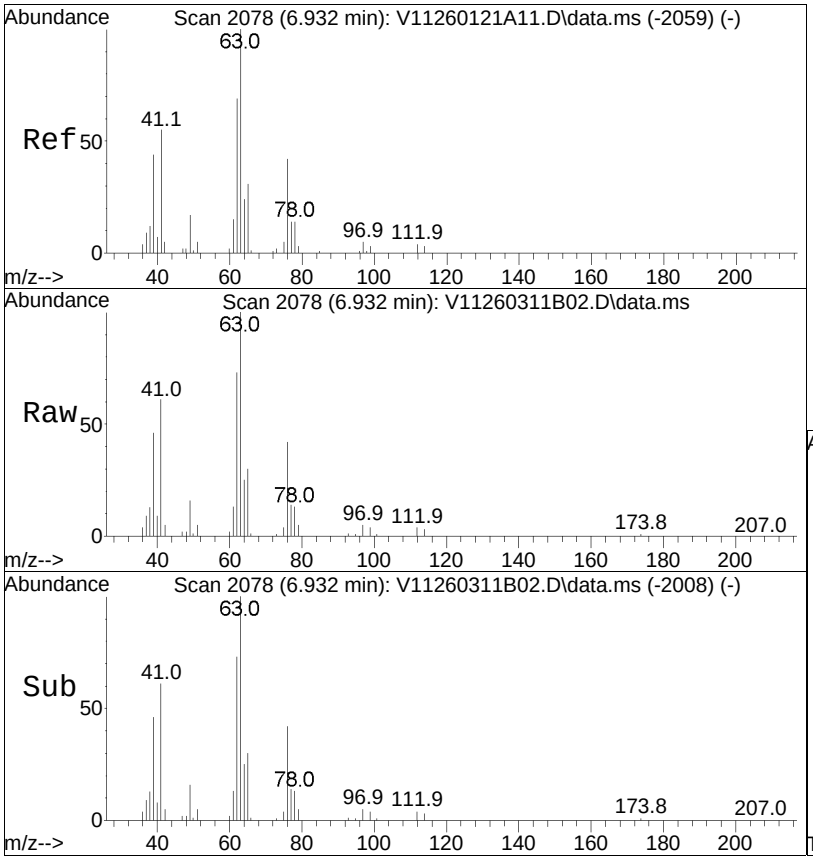


#50
Dibromomethane
Concen: 37.80 ug/L
RT: 6.832 min Scan# 2042
Delta R.T. -0.006 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 93 Resp: 92156

Ion	Ratio	Lower	Upper
93	100		
95	83.2	65.7	98.5
174	87.0	80.2	120.4

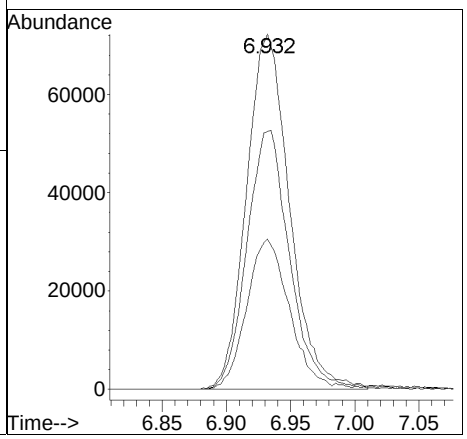


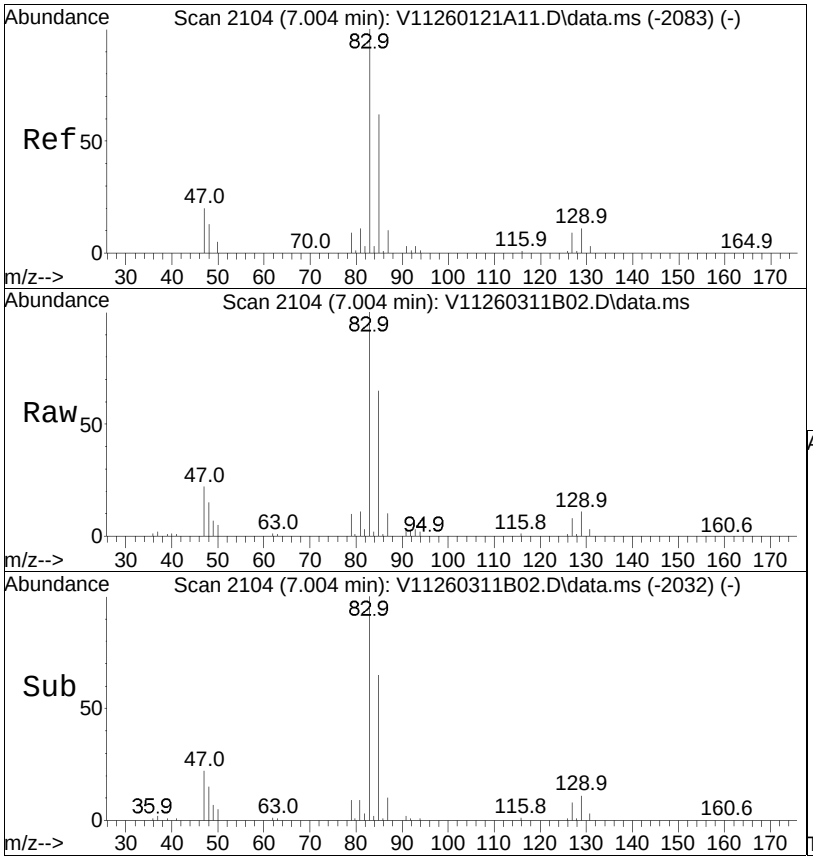


#51
1,2-Dichloropropane
Concen: 43.15 ug/L
RT: 6.932 min Scan# 2078
Delta R.T. -0.006 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 63 Resp: 169431

Ion	Ratio	Lower	Upper
63	100		
62	72.0	57.9	86.9
76	41.6	30.1	45.1

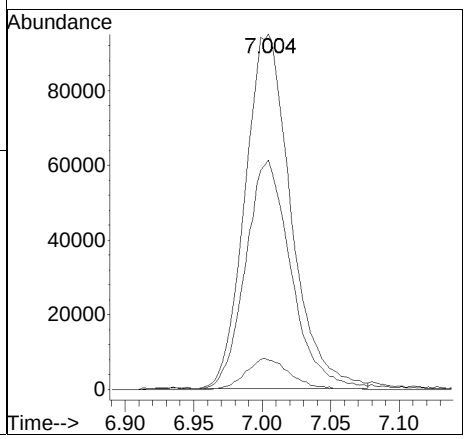


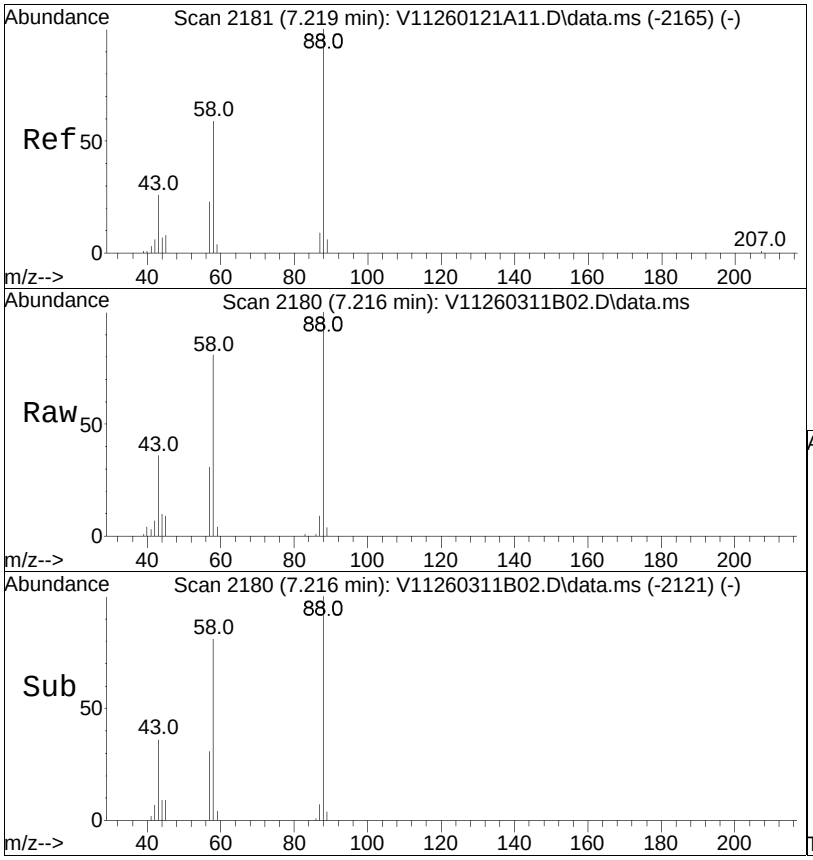


#54
Bromodichloromethane
Concen: 40.28 ug/L
RT: 7.004 min Scan# 2104
Delta R.T. -0.000 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 83 Resp: 221271

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.6	77.4
127	8.4	7.1	10.7

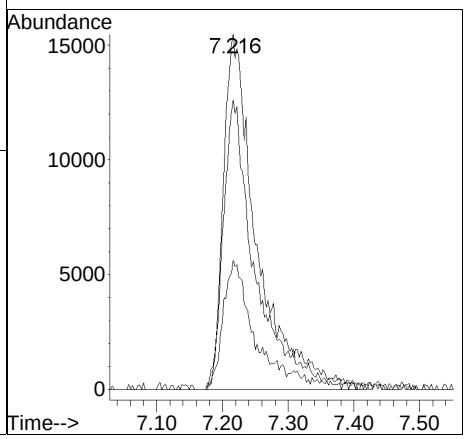


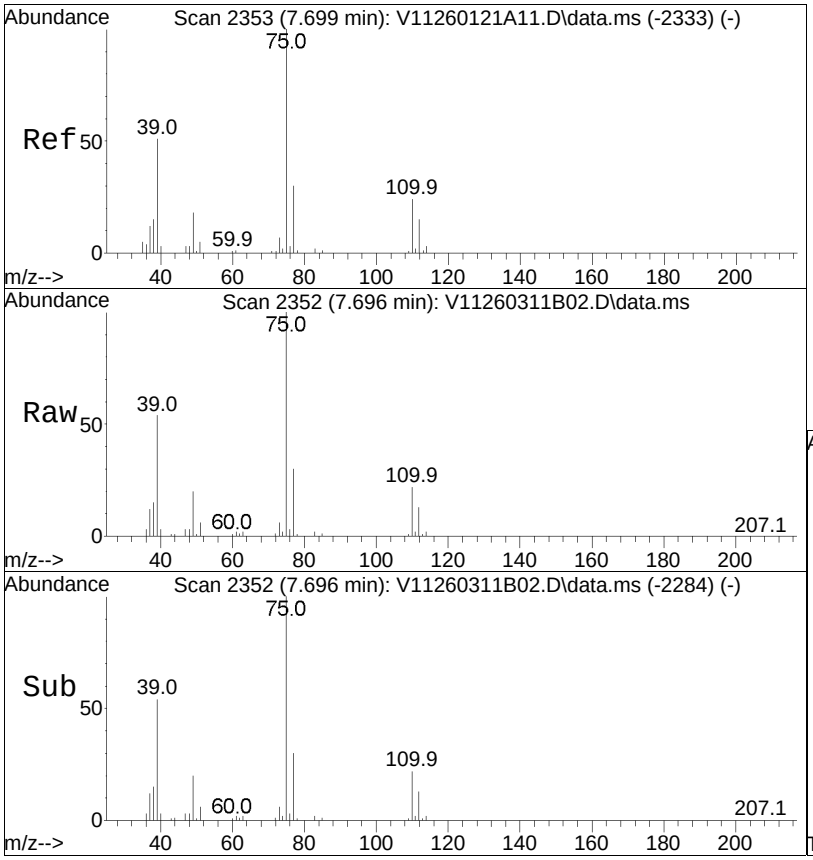


#57
1,4-Dioxane
Concen: 2163.56 ug/L M1
RT: 7.216 min Scan# 2180
Delta R.T. -0.036 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 88 Resp: 55132

Ion	Ratio	Lower	Upper
88	100		
58	70.3	75.4	113.0#
43	27.0	33.5	50.3#

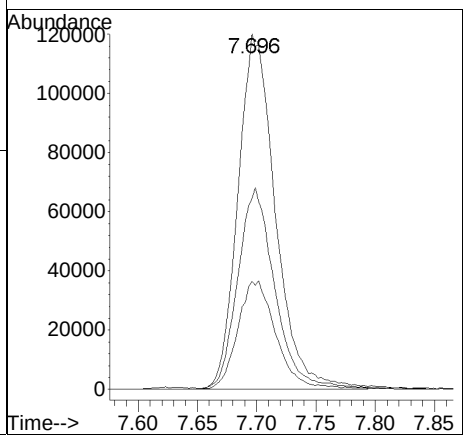


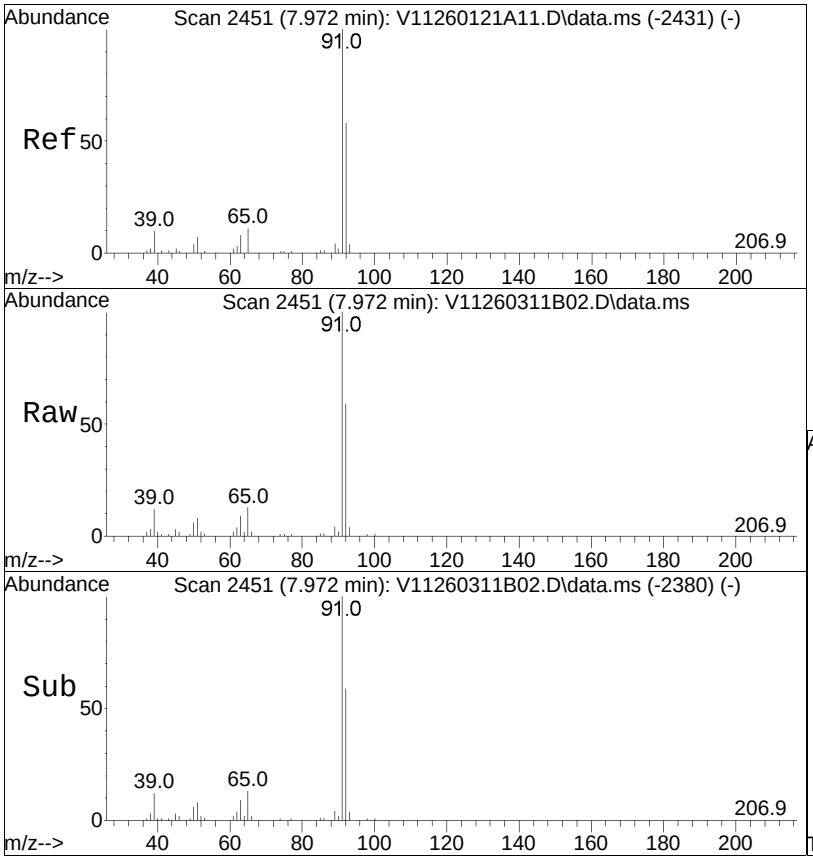


#58
cis-1,3-Dichloropropene
Concen: 42.08 ug/L
RT: 7.696 min Scan# 2352
Delta R.T. -0.011 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 75 Resp: 264364

Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.9	37.3
39	55.2	51.8	77.8

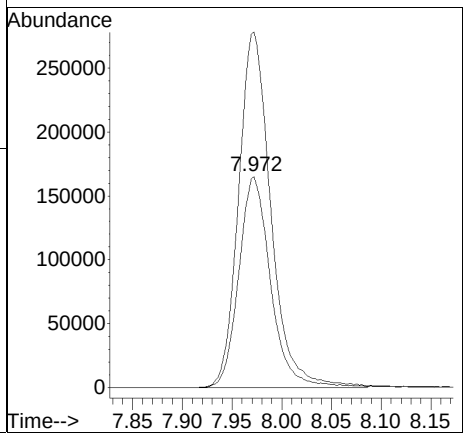


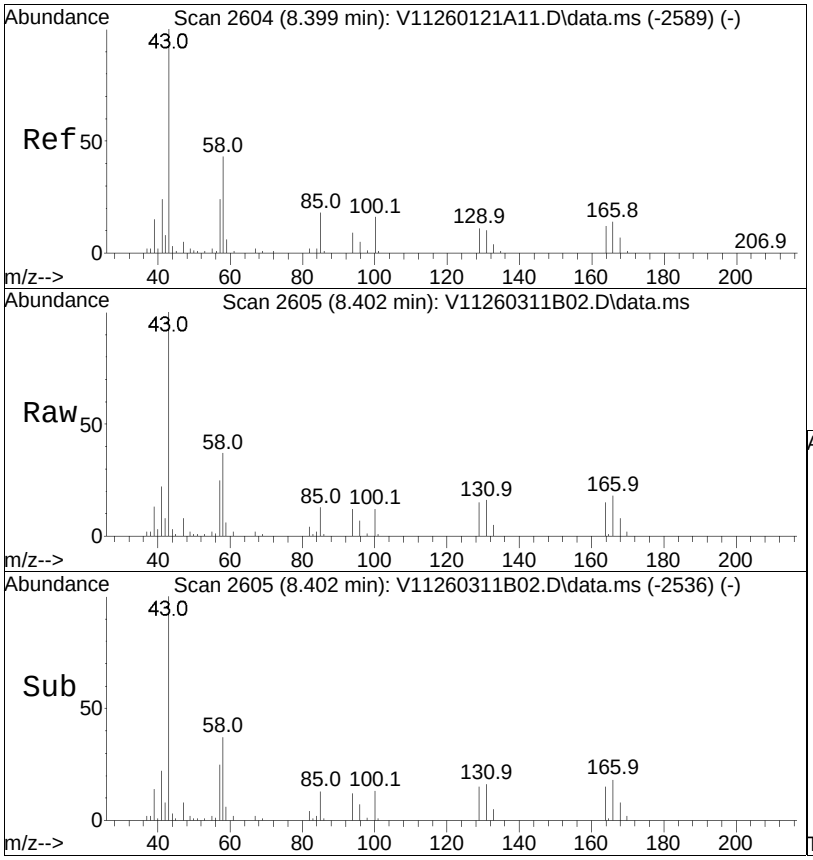


#61
Toluene
Concen: 40.51 ug/L
RT: 7.972 min Scan# 2451
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 92 Resp: 367924

Ion	Ratio	Lower	Upper
92	100		
91	170.7	133.7	200.5

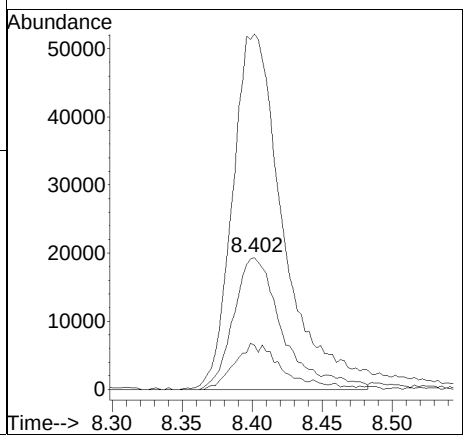


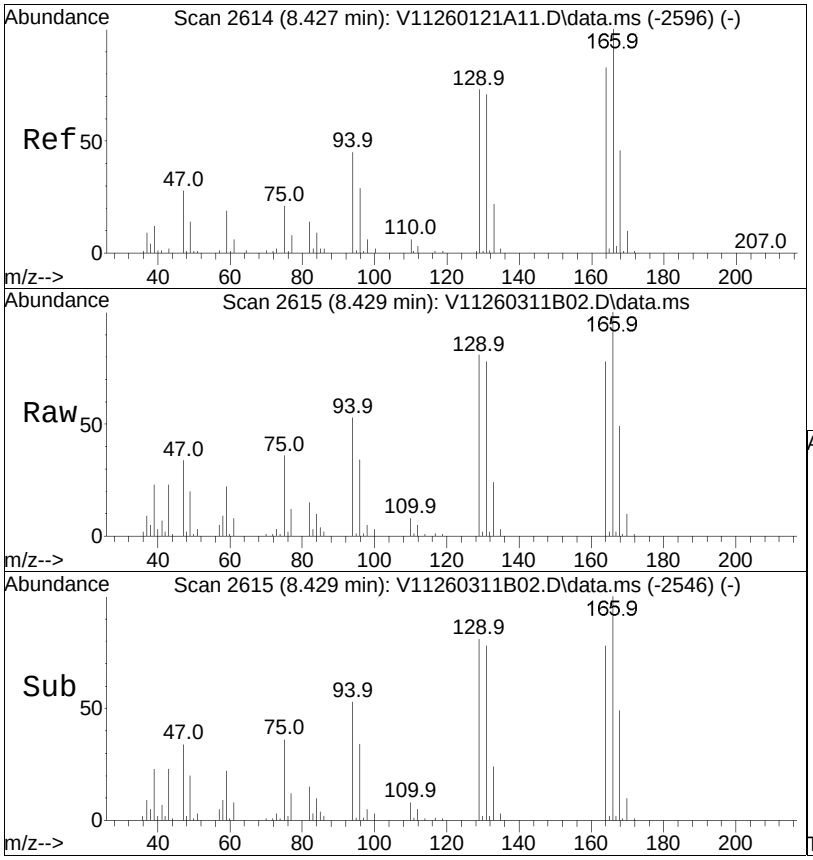


#62
4-Methyl-2-pentanone
Concen: 41.81 ug/L
RT: 8.402 min Scan# 2605
Delta R.T. -0.008 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 58 Resp: 47564

Ion	Ratio	Lower	Upper
58	100		
100	17.0	22.0	33.0#
43	281.5	236.9	355.3

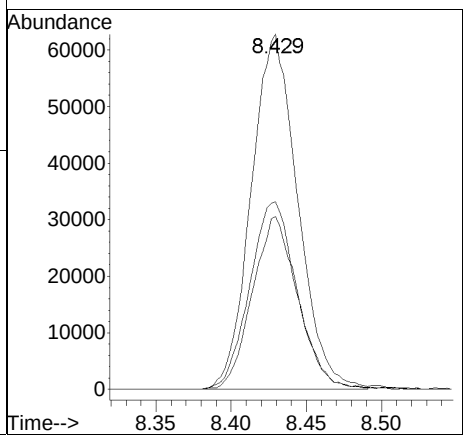


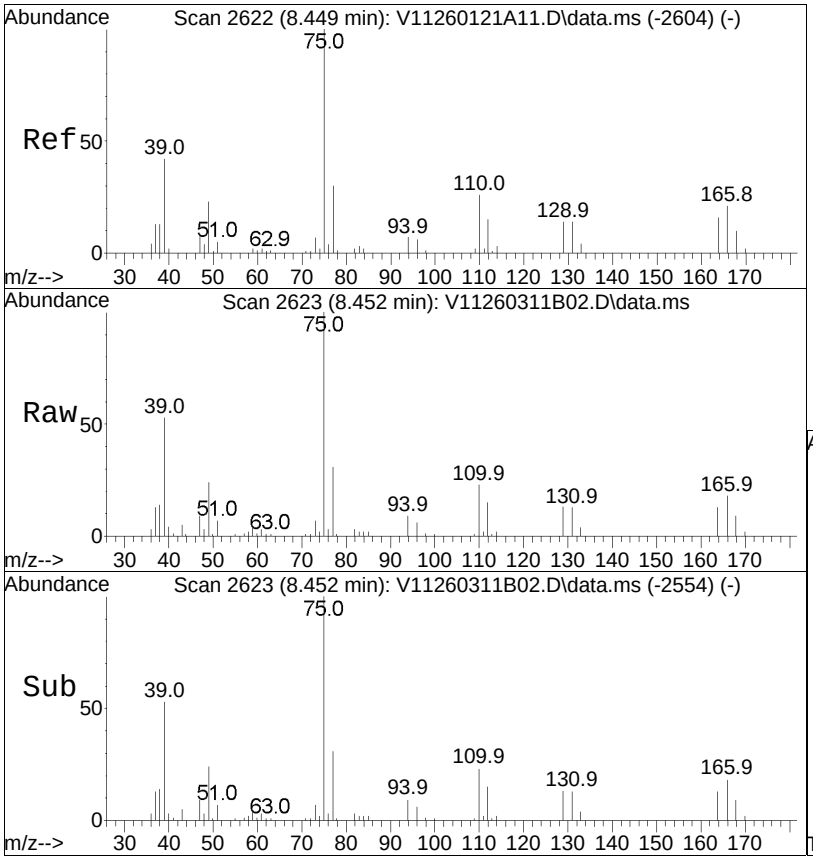


#63
Tetrachloroethene
Concen: 37.11 ug/L
RT: 8.429 min Scan# 2615
Delta R.T. -0.008 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:166 Resp: 135254

Ion	Ratio	Lower	Upper
166	100		
168	47.7	28.2	68.2
94	53.7	26.3	66.3

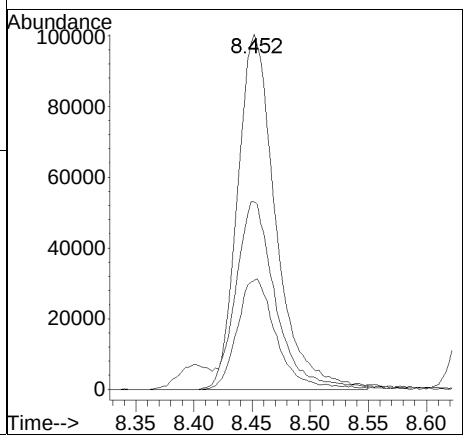


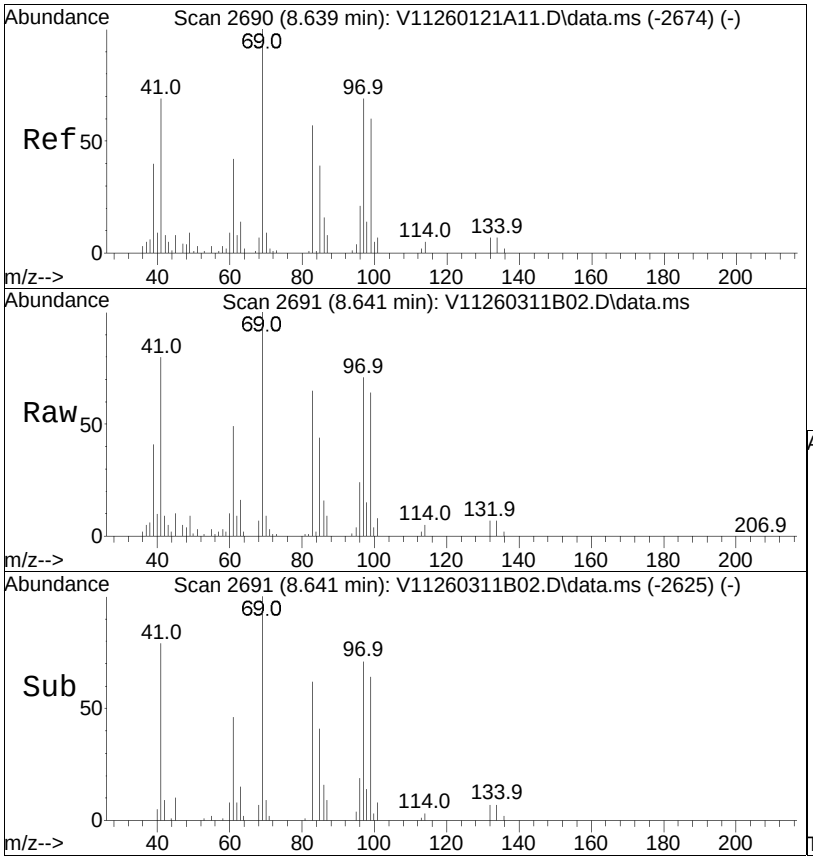


#65
trans-1,3-Dichloropropene
Concen: 42.35 ug/L
RT: 8.452 min Scan# 2623
Delta R.T. -0.008 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 75 Resp: 229624

Ion	Ratio	Lower	Upper
75	100		
77	31.6	11.4	51.4
39	54.4	50.3	90.3

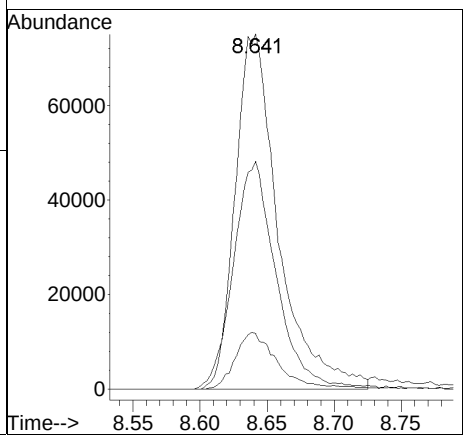


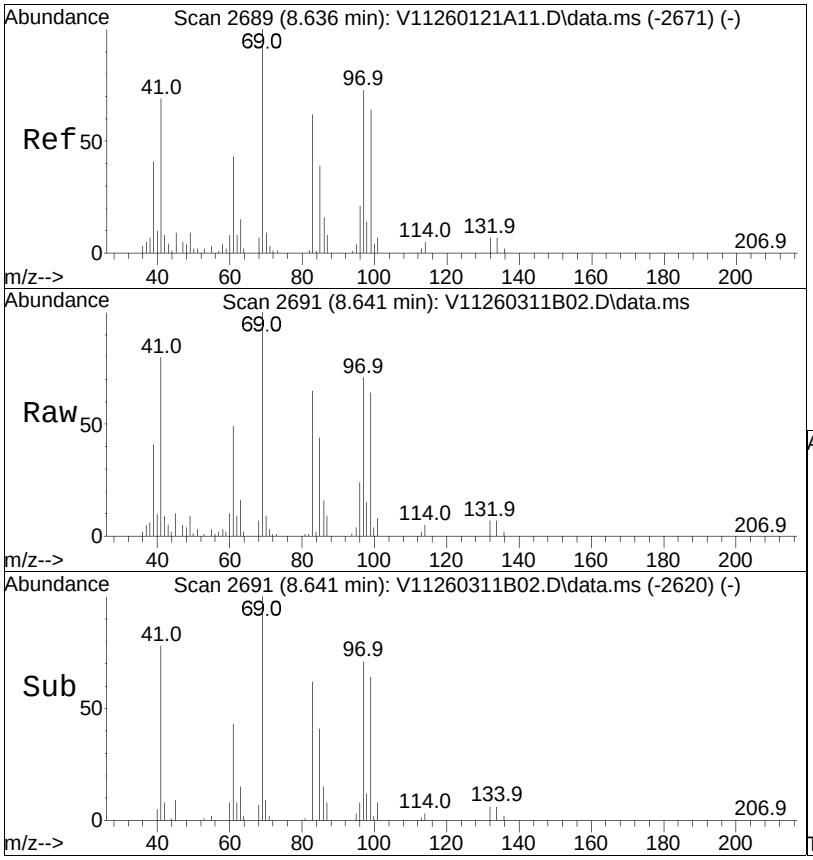


#67
Ethyl methacrylate
Concen: 40.67 ug/L
RT: 8.641 min Scan# 2691
Delta R.T. -0.017 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 69 Resp: 169042

Ion	Ratio	Lower	Upper
69	100		
99	63.5	47.9	87.9
86	15.6	0.0	36.0

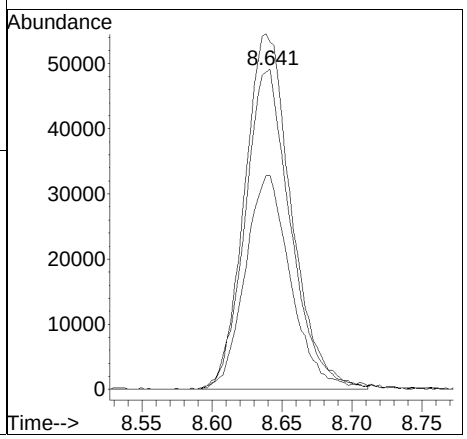


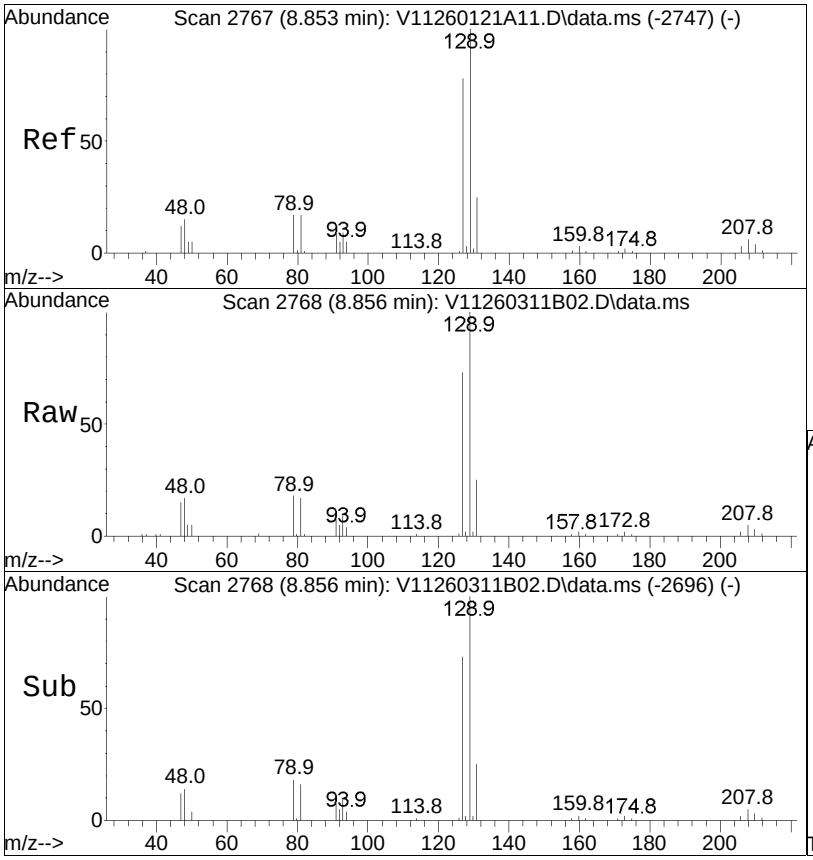


#68
1,1,2-Trichloroethane
Concen: 40.70 ug/L
RT: 8.641 min Scan# 2691
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 83 Resp: 111138

Ion	Ratio	Lower	Upper
83	100		
97	114.2	97.6	137.6
85	67.3	46.8	86.8

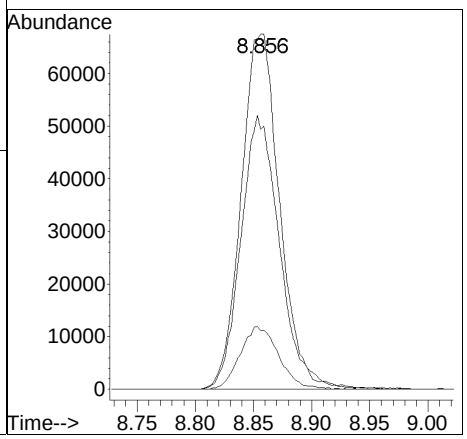


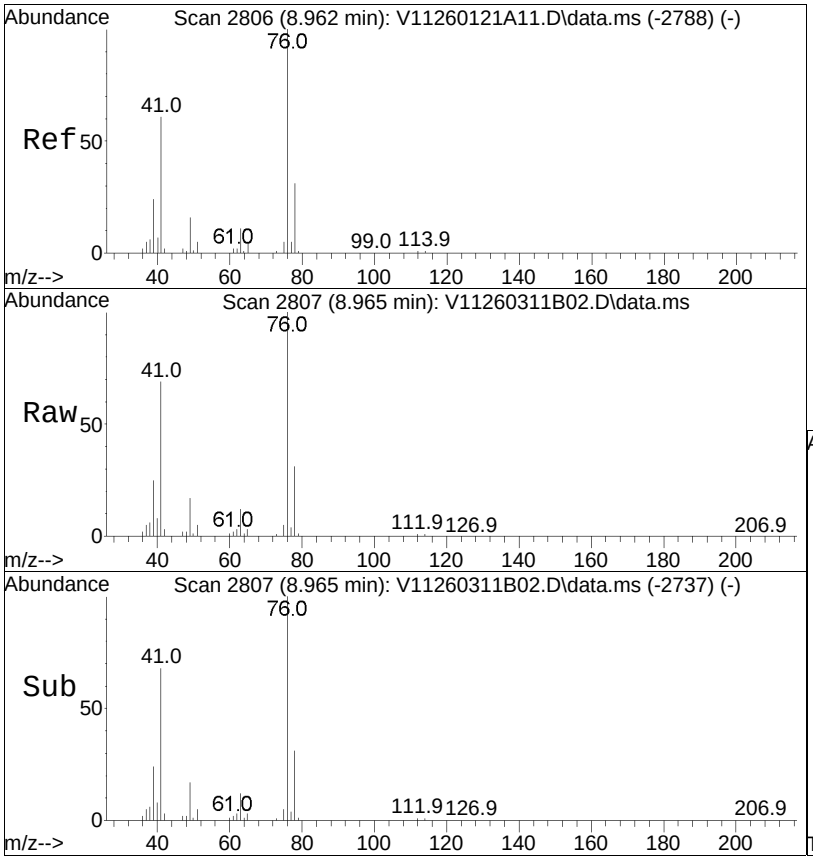


#69
Chlorodibromomethane
Concen: 39.03 ug/L
RT: 8.856 min Scan# 2768
Delta R.T. -0.000 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:129 Resp: 156416

Ion	Ratio	Lower	Upper
129	100		
81	17.7	0.0	36.0
127	76.7	56.0	96.0

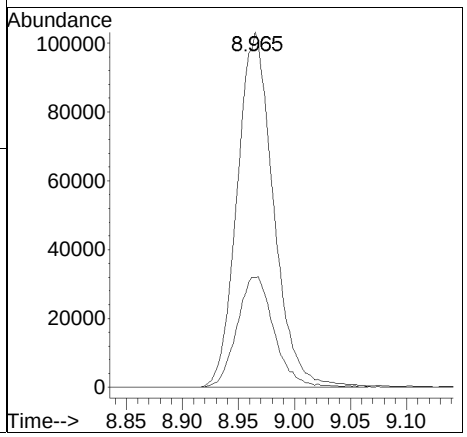


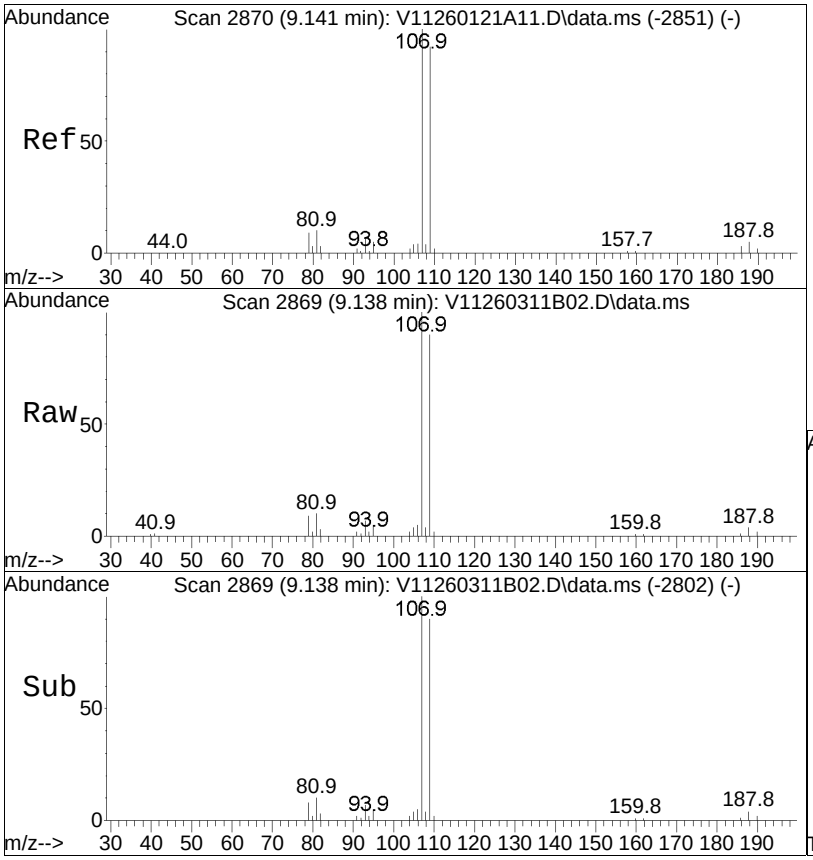


#70
1,3-Dichloropropane
Concen: 43.07 ug/L
RT: 8.965 min Scan# 2807
Delta R.T. -0.006 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 76 Resp: 232805

Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.9	38.9

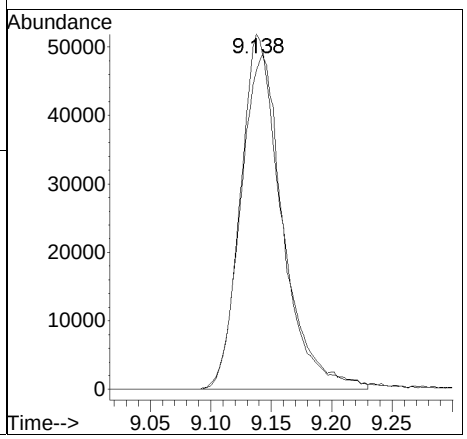


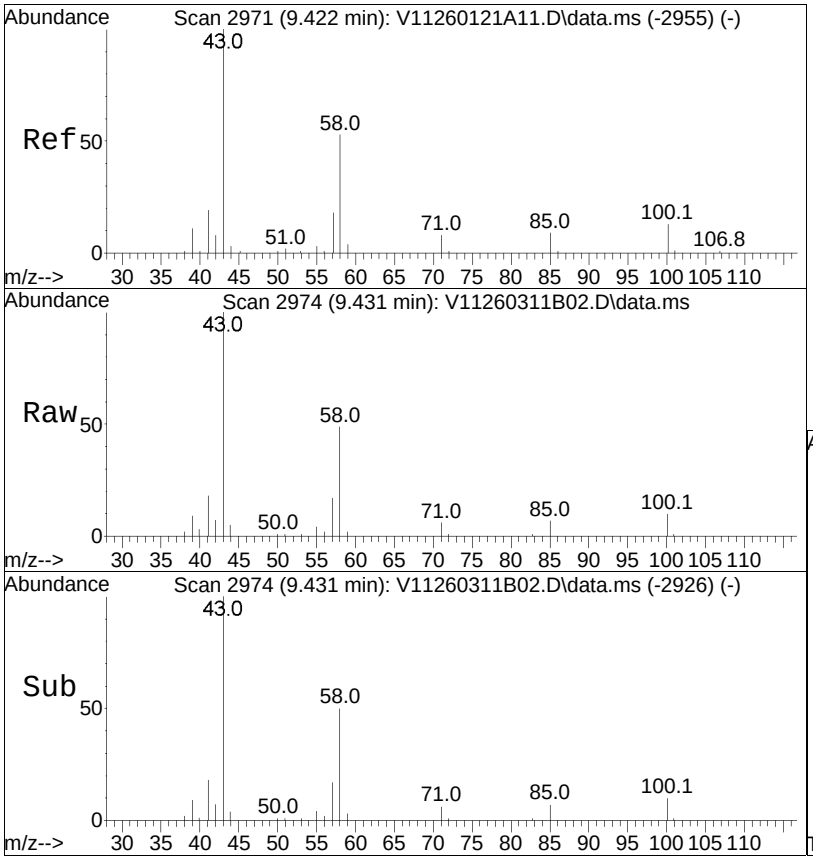


#71
1,2-Dibromoethane
Concen: 41.37 ug/L
RT: 9.138 min Scan# 2869
Delta R.T. -0.014 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:107 Resp: 125894

Ion	Ratio	Lower	Upper
107	100		
109	94.5	76.2	114.4

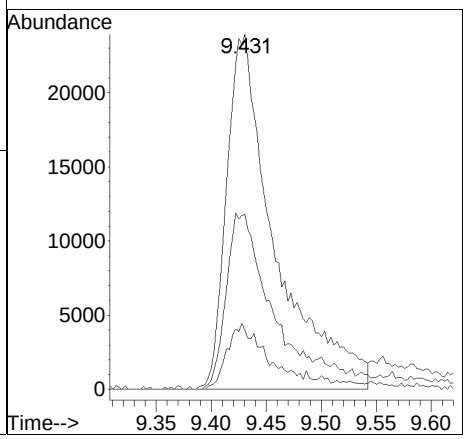


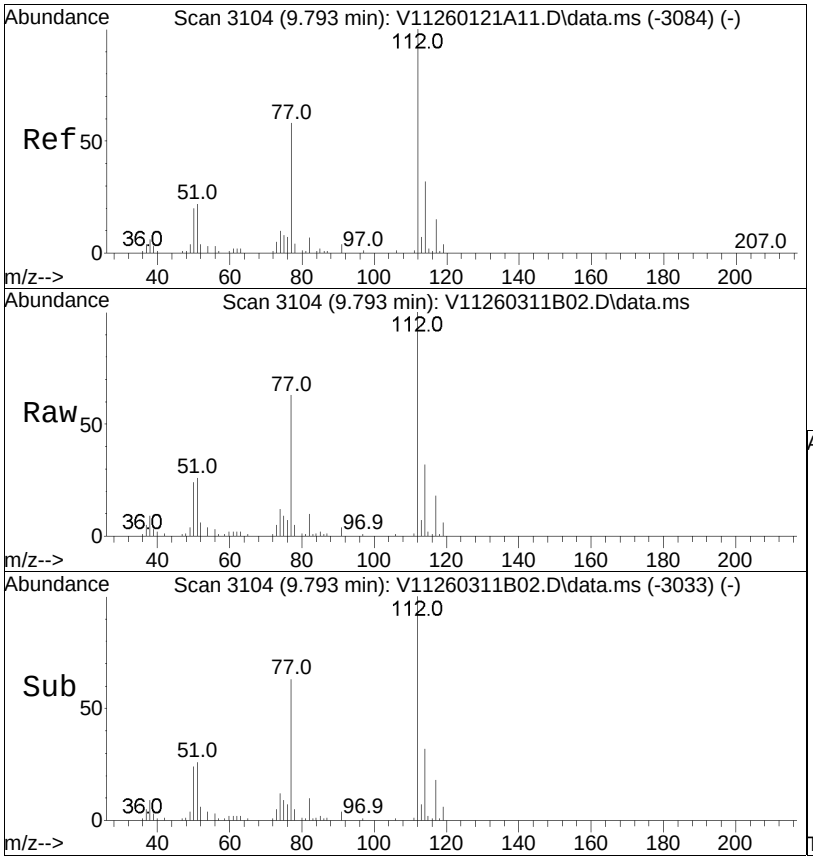


#72
2-Hexanone
Concen: 44.48 ug/L
RT: 9.431 min Scan# 2974
Delta R.T. -0.067 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 43 Resp: 73761

Ion	Ratio	Lower	Upper
43	100		
58	44.2	37.9	56.9
57	15.3	12.6	19.0

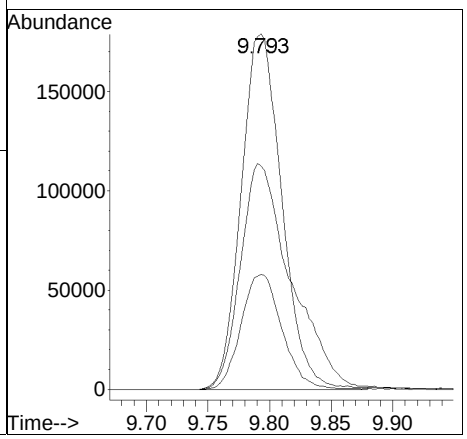


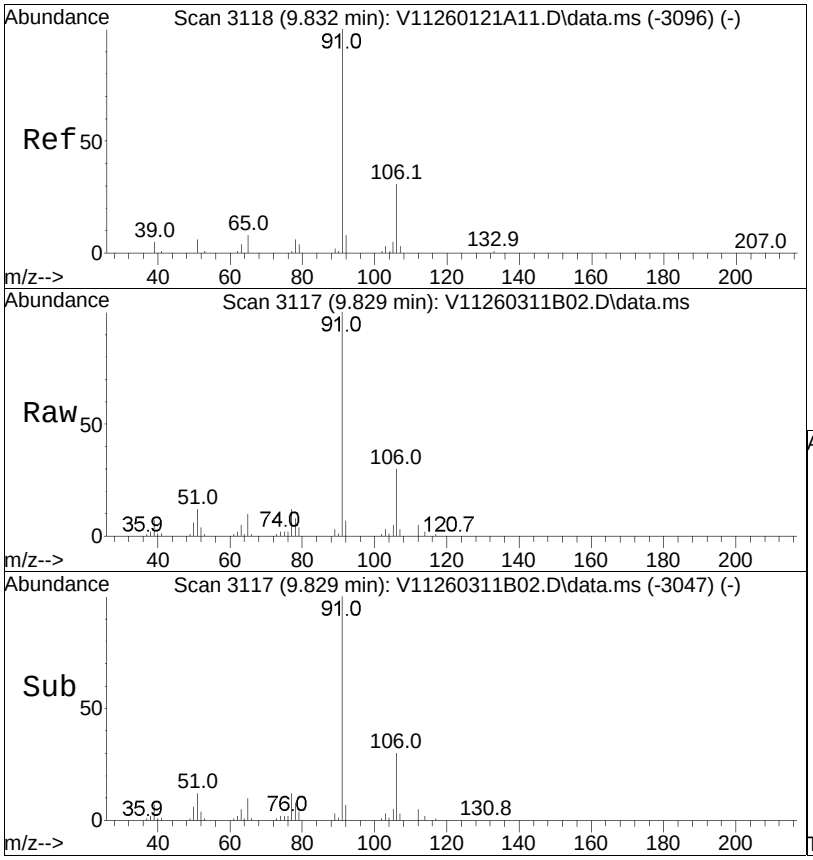


#73
Chlorobenzene
Concen: 39.33 ug/L
RT: 9.793 min Scan# 3104
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:112 Resp: 411274

Ion	Ratio	Lower	Upper
112	100		
77	79.5	47.0	70.4#
114	32.5	25.9	38.9

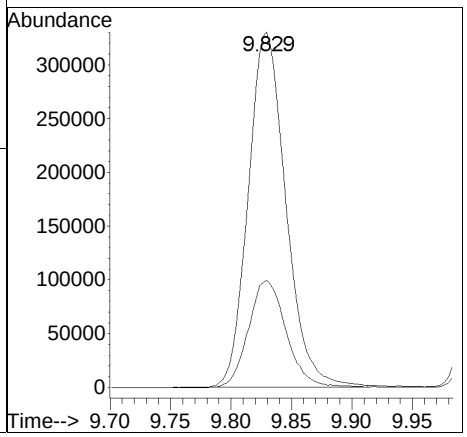


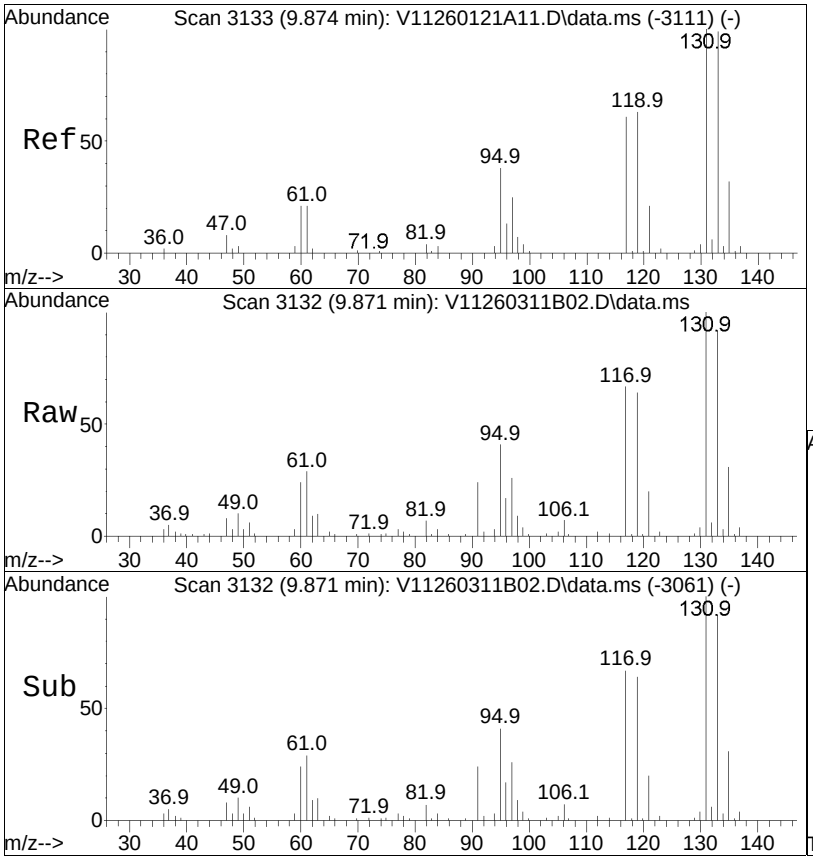


#74
Ethylbenzene
Concen: 40.94 ug/L
RT: 9.829 min Scan# 3117
Delta R.T. -0.006 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 91 Resp: 715457

Ion	Ratio	Lower	Upper
91	100		
106	30.2	25.0	37.4

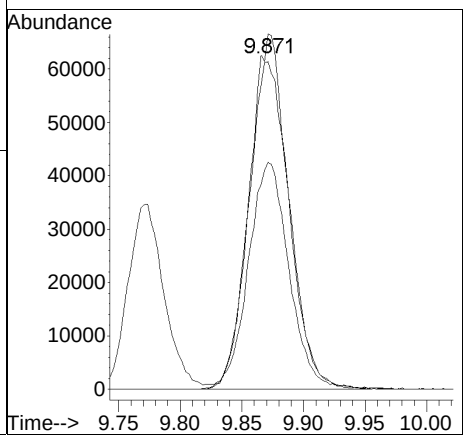


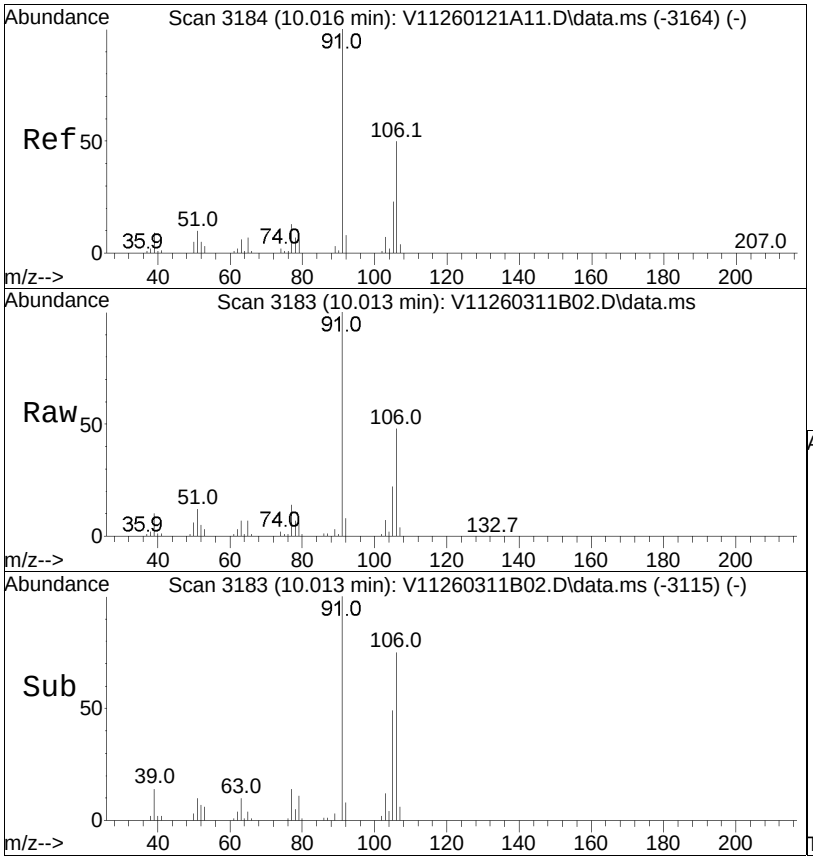


#75
1,1,1,2-Tetrachloroethane
Concen: 37.58 ug/L
RT: 9.871 min Scan# 3132
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:131 Resp: 150080

Ion	Ratio	Lower	Upper
131	100		
133	94.2	75.2	115.2
119	64.0	44.7	84.7

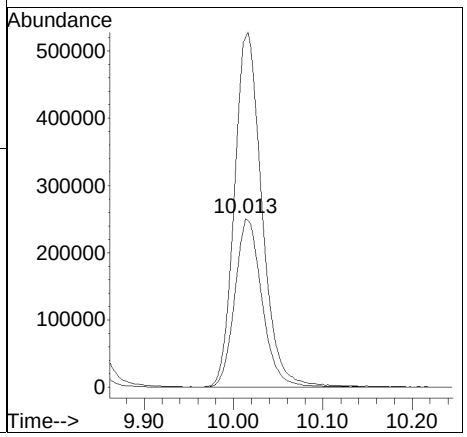


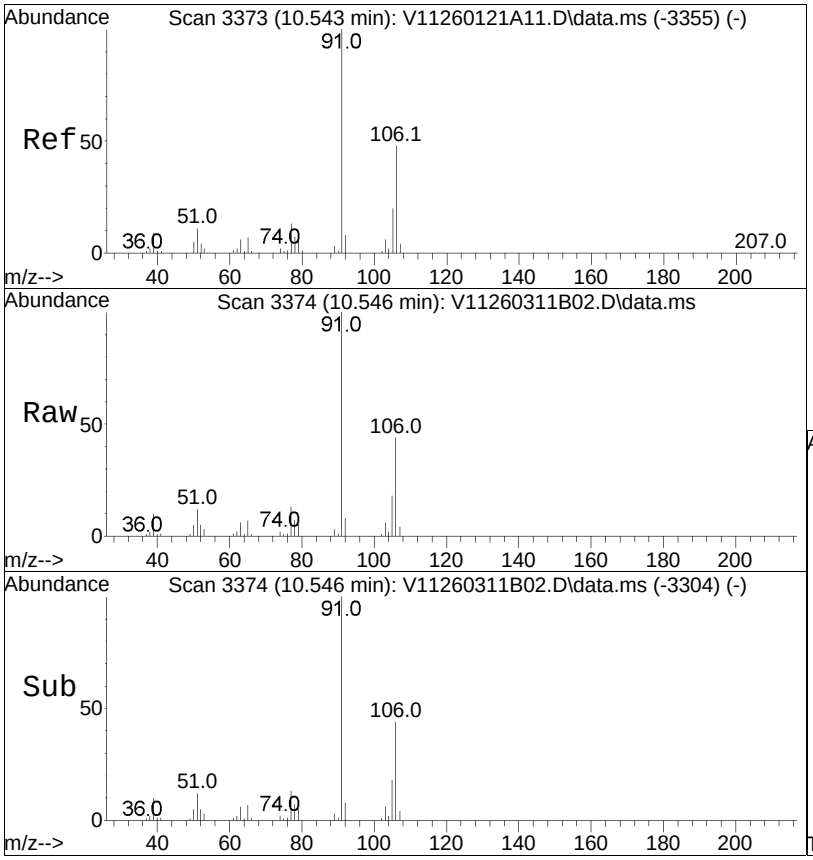


#76
p/m Xylene
Concen: 80.89 ug/L
RT: 10.013 min Scan# 3183
Delta R.T. -0.011 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:106 Resp: 533720

Ion	Ratio	Lower	Upper
106	100		
91	210.9	159.3	238.9

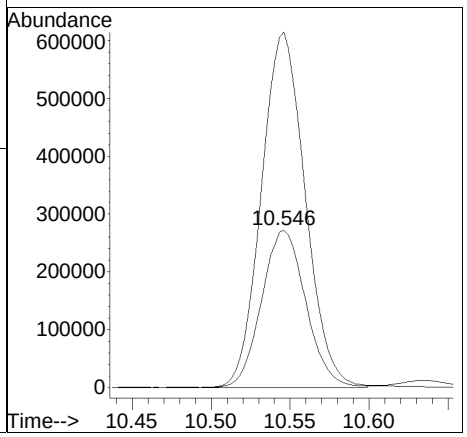


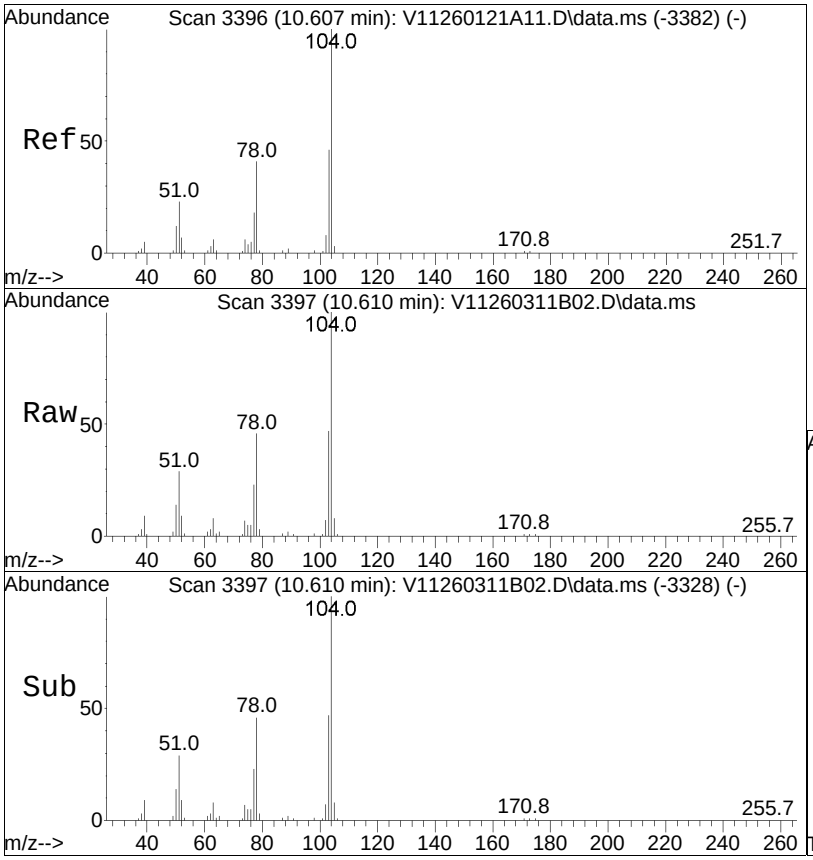


#77
o Xylene
Concen: 78.43 ug/L
RT: 10.546 min Scan# 3374
Delta R.T. -0.006 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:106 Resp: 528074

Ion	Ratio	Lower	Upper
106	100		
91	224.2	170.2	255.2

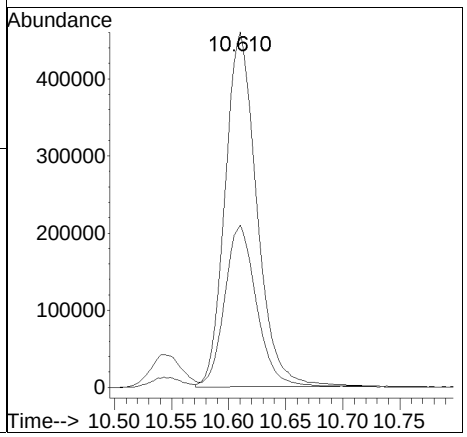


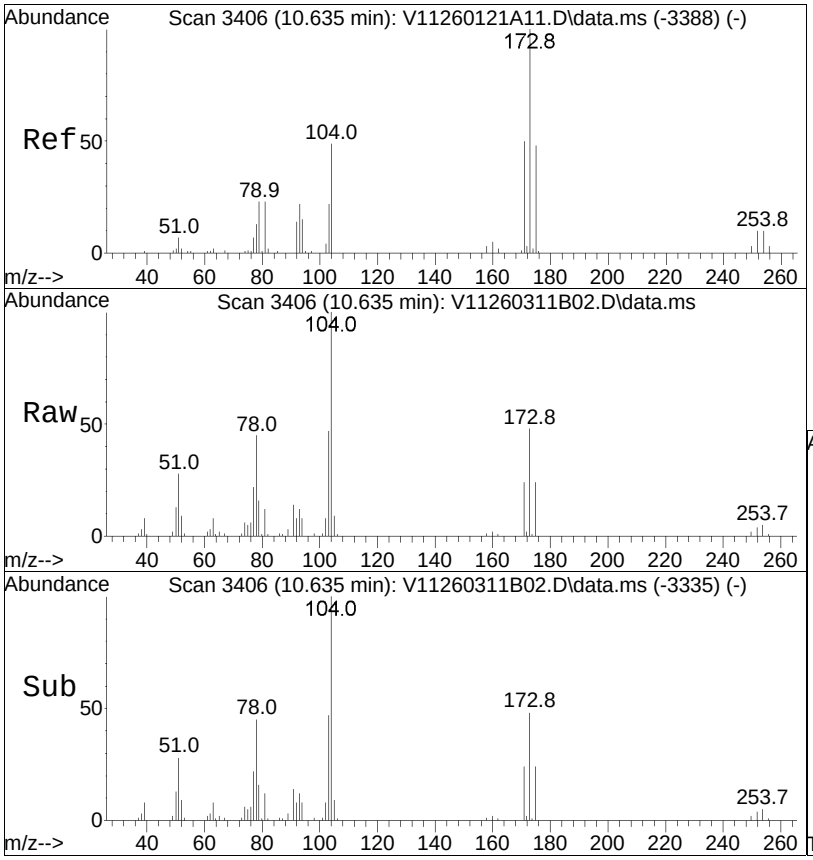


#78
Styrene
Concen: 78.76 ug/L
RT: 10.610 min Scan# 3397
Delta R.T. -0.008 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:104 Resp: 888749

Ion	Ratio	Lower	Upper
104	100		
78	45.8	34.4	51.6

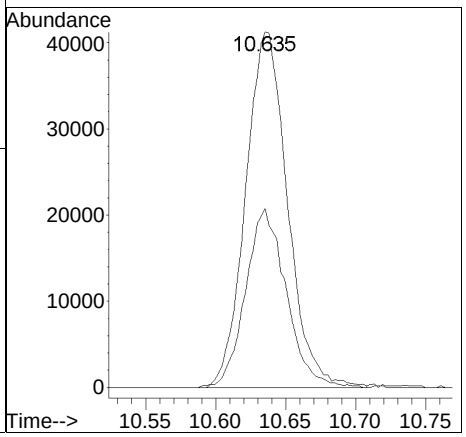


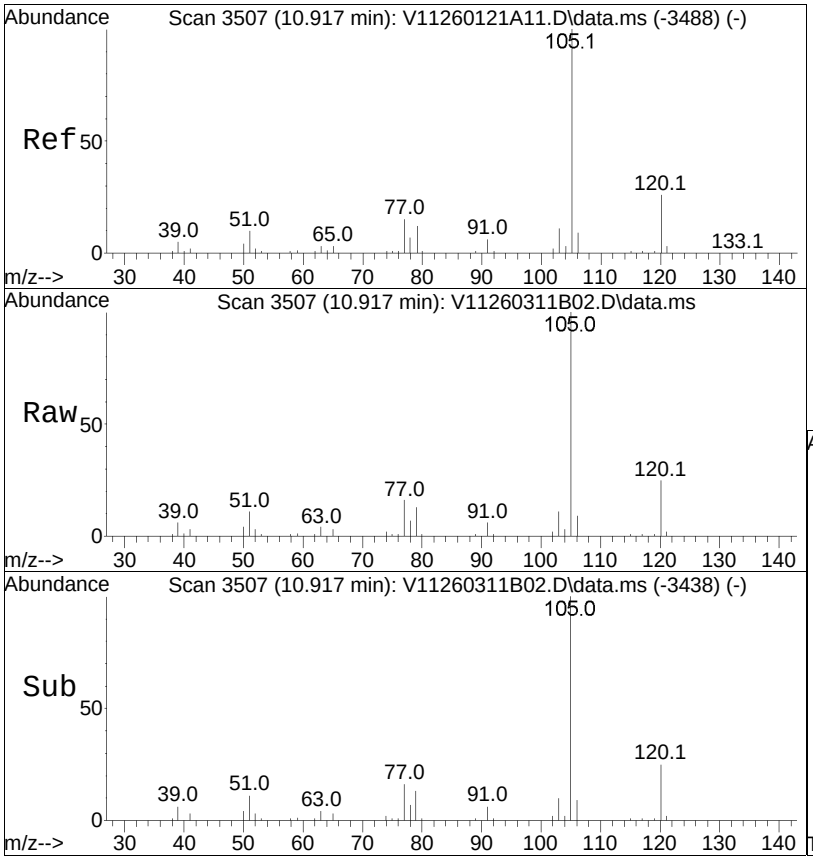


#80
Bromoform
Concen: 35.77 ug/L
RT: 10.635 min Scan# 3406
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:173 Resp: 85748

Ion	Ratio	Lower	Upper
173	100		
175	48.7	28.1	68.1

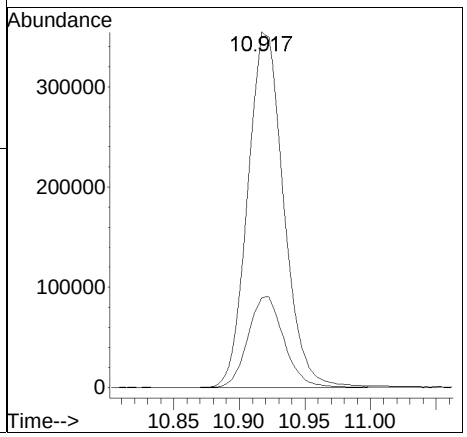


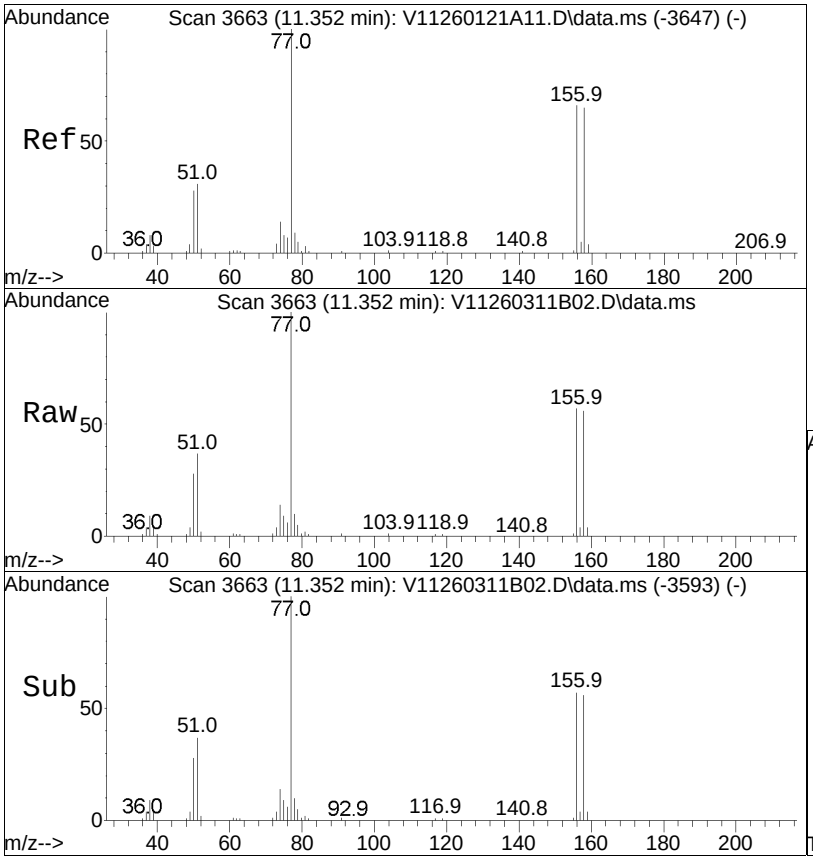


#82
Isopropylbenzene
Concen: 42.26 ug/L
RT: 10.917 min Scan# 3507
Delta R.T. -0.008 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:105 Resp: 675624

Ion	Ratio	Lower	Upper
105	100		
120	25.5	6.9	46.9

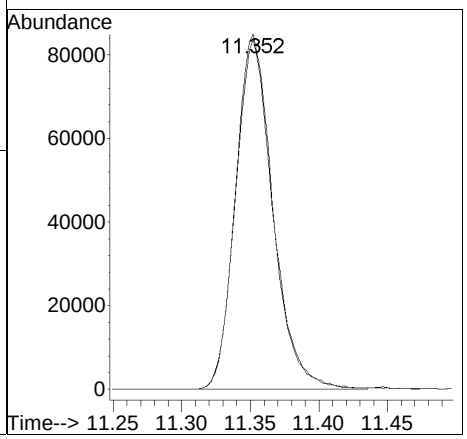


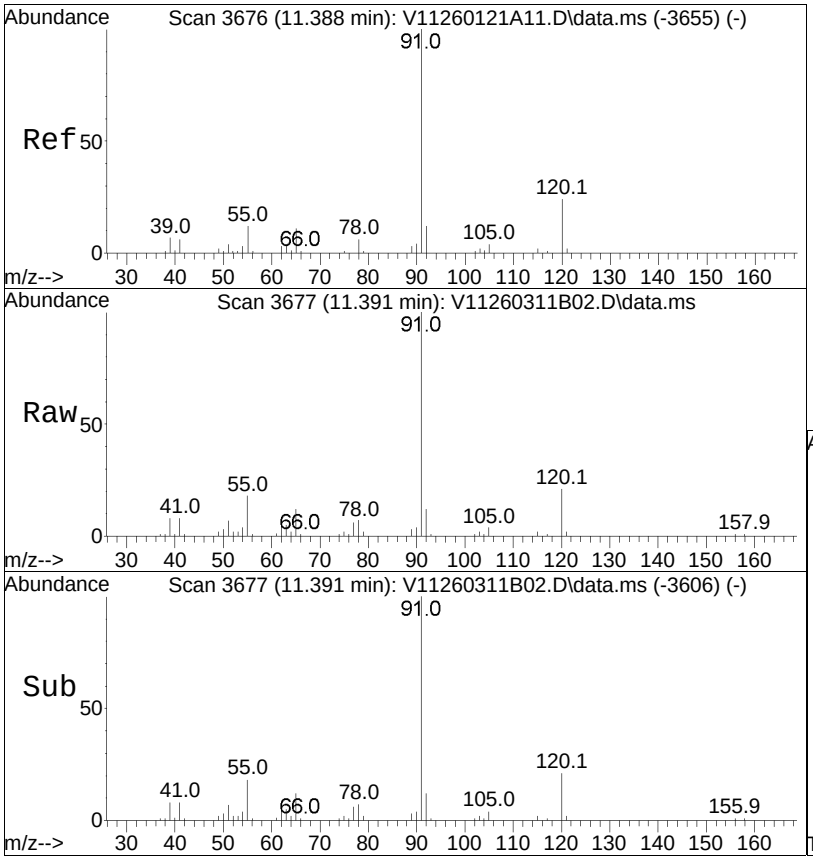


#84
Bromobenzene
Concen: 37.80 ug/L
RT: 11.352 min Scan# 3663
Delta R.T. -0.006 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:156 Resp: 162303

Ion	Ratio	Lower	Upper
156	100		
158	97.2	77.5	116.3

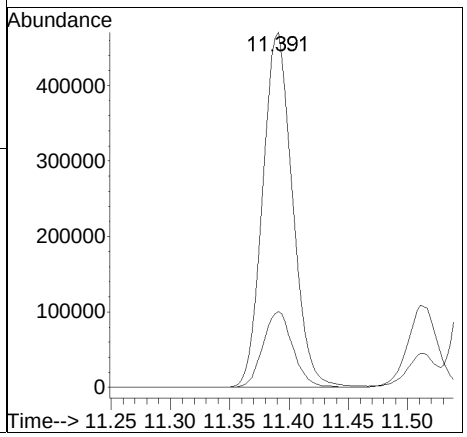


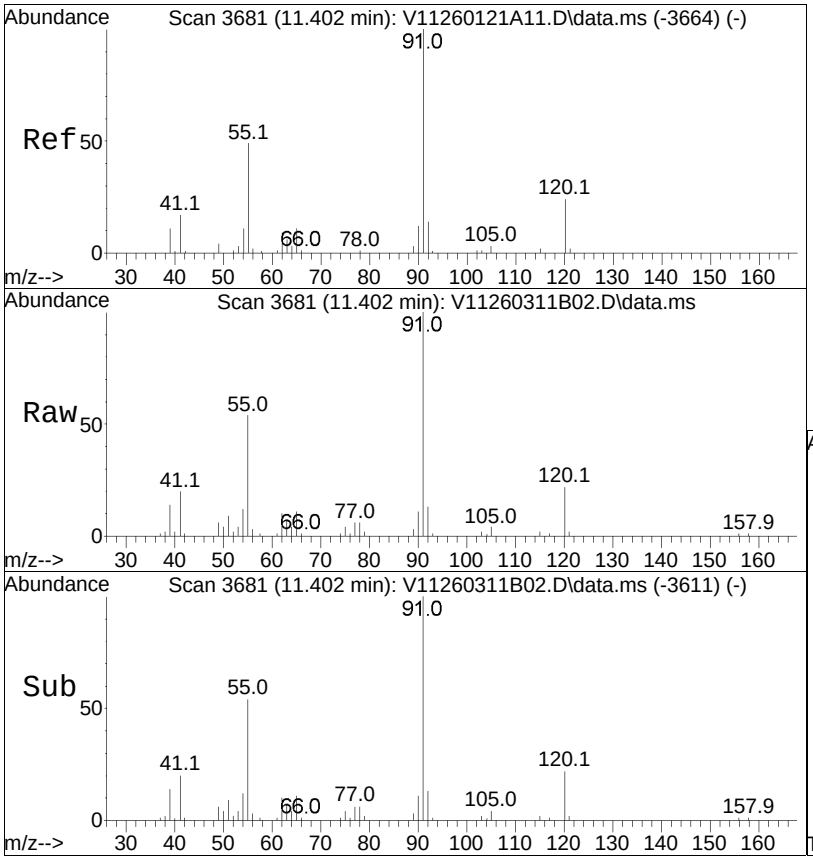


#85
n-Propylbenzene
Concen: 44.09 ug/L
RT: 11.391 min Scan# 3677
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 91 Resp: 824337

Ion	Ratio	Lower	Upper
91	100		
120	21.5	18.6	27.8

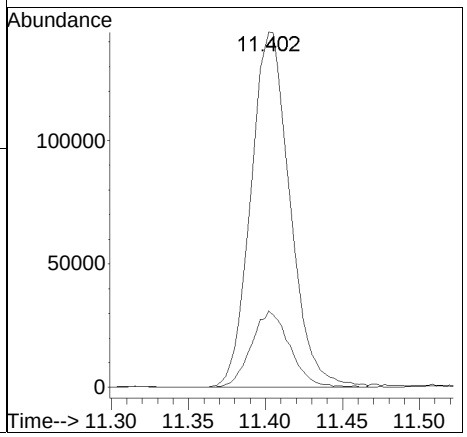


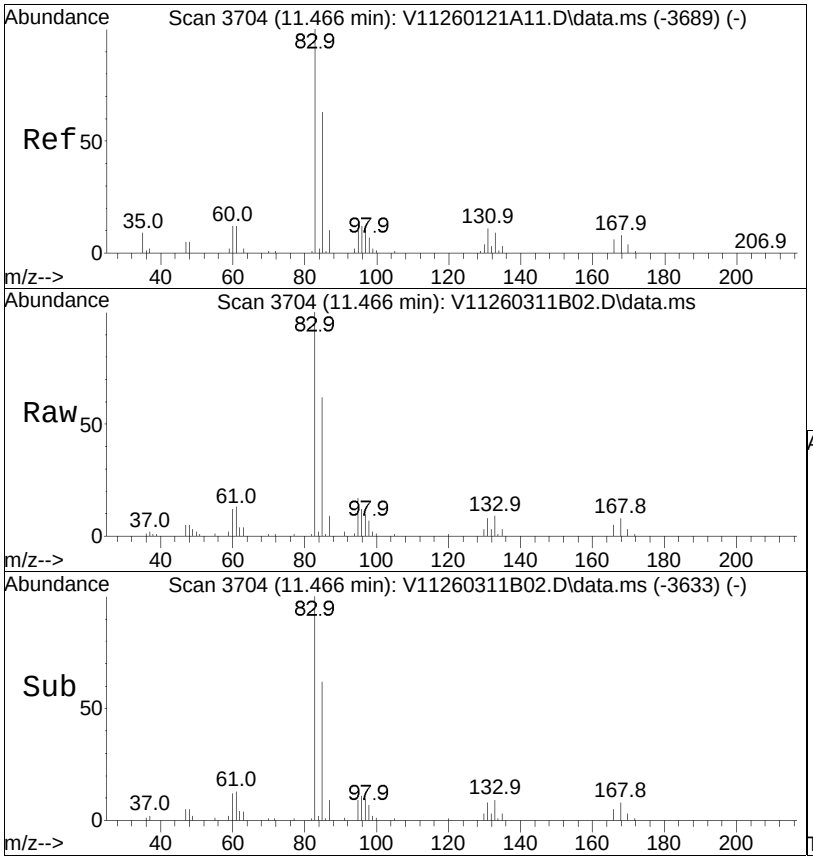


#86
1,4-Dichlorobutane
Concen: 48.28 ug/L
RT: 11.402 min Scan# 3681
Delta R.T. -0.006 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 55 Resp: 254720

Ion	Ratio	Lower	Upper
55	100		
54	21.2	15.6	23.4

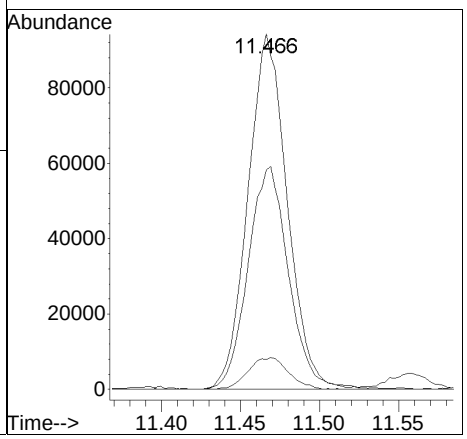


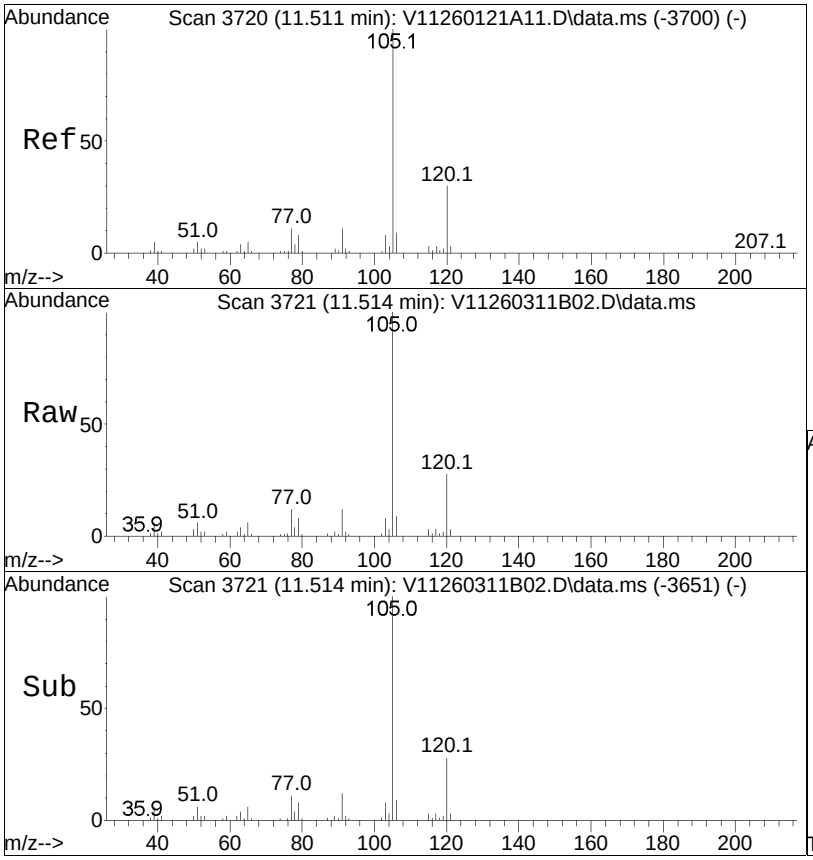


#87
1,1,2,2-Tetrachloroethane
Concen: 42.45 ug/L
RT: 11.466 min Scan# 3704
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 83 Resp: 163204

Ion	Ratio	Lower	Upper
83	100		
131	9.3	0.0	30.1
85	64.7	45.8	85.8

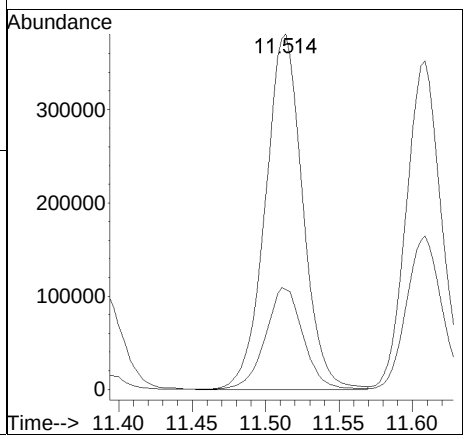


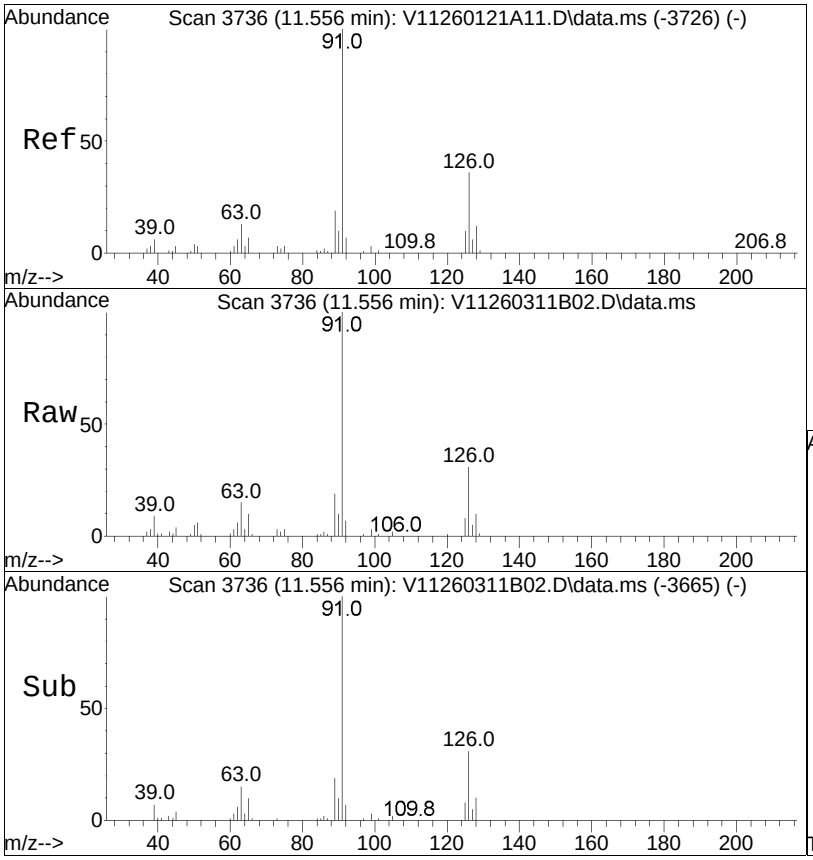


#88
4-Ethyltoluene
Concen: 42.81 ug/L
RT: 11.514 min Scan# 3721
Delta R.T. -0.006 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:105 Resp: 675023

Ion	Ratio	Lower	Upper
105	100		
120	28.4	19.5	40.5

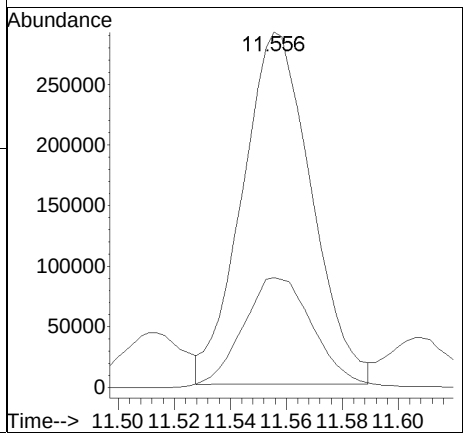


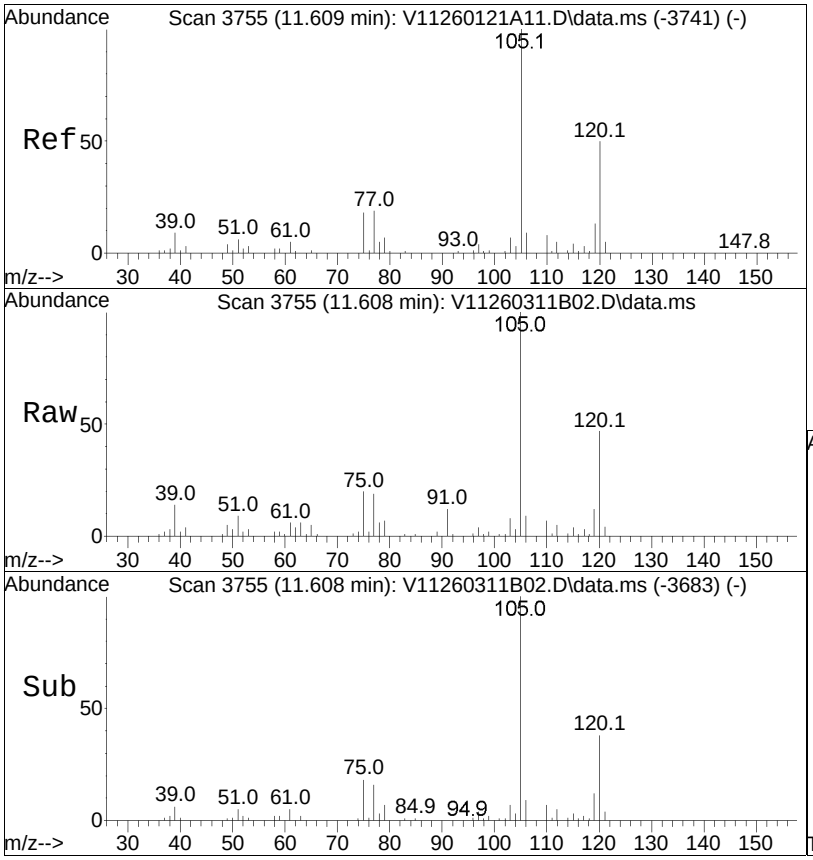


#89
2-Chlorotoluene
Concen: 43.68 ug/L
RT: 11.556 min Scan# 3736
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 91 Resp: 497573

Ion	Ratio	Lower	Upper
91	100		
126	32.2	24.3	36.5

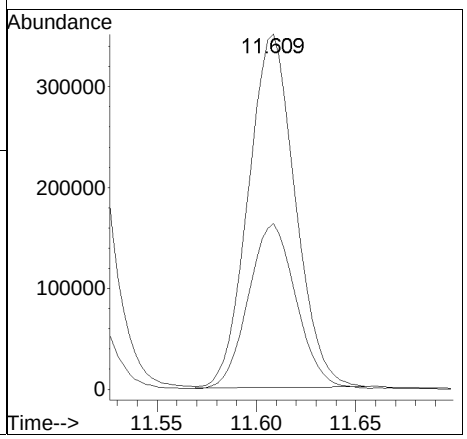


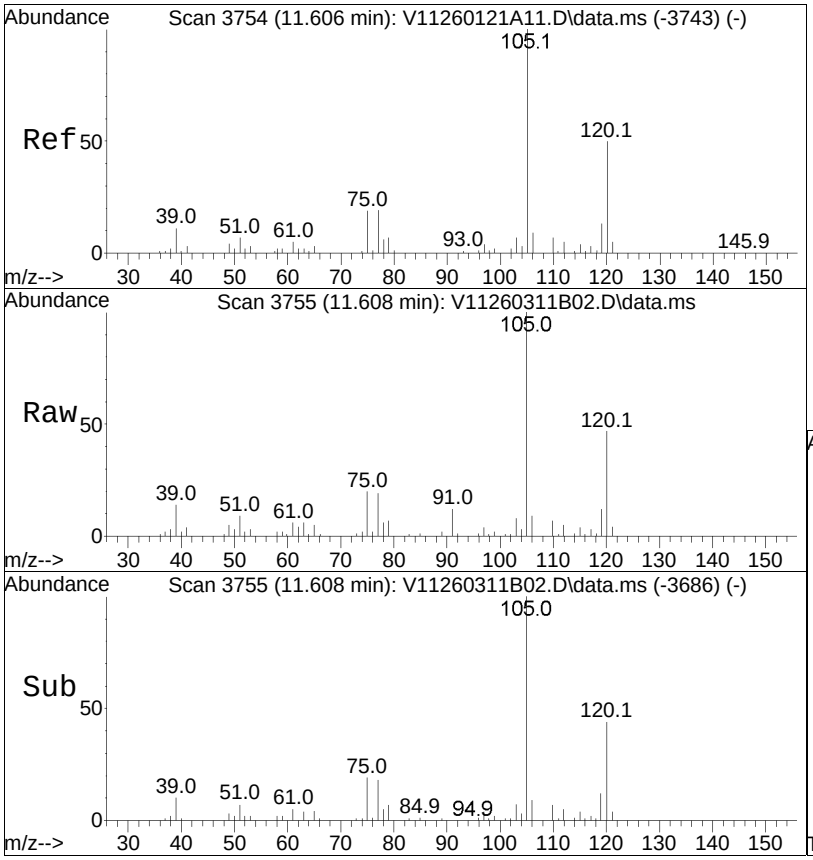


#90
1,3,5-Trimethylbenzene
Concen: 41.76 ug/L
RT: 11.608 min Scan# 3755
Delta R.T. -0.000 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:105 Resp: 575286

Ion	Ratio	Lower	Upper
105	100		
120	47.2	39.8	59.8

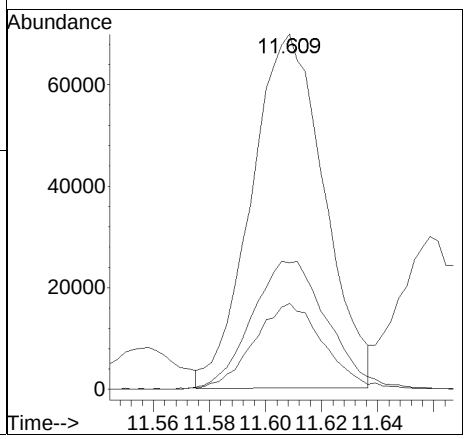


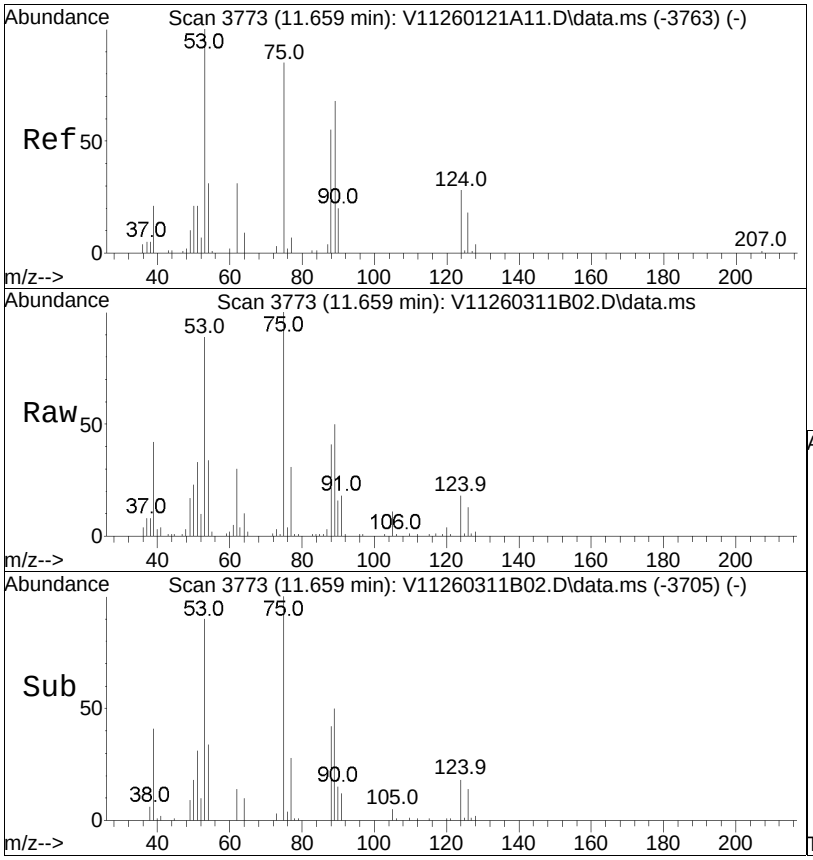


#91
1,2,3-Trichloropropane
Concen: 42.69 ug/L
RT: 11.608 min Scan# 3755
Delta R.T. -0.008 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 75 Resp: 126094

Ion	Ratio	Lower	Upper
75	100		
110	38.0	25.2	52.2
112	23.6	15.7	32.5

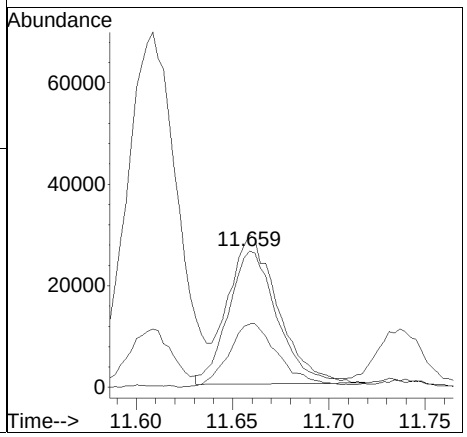


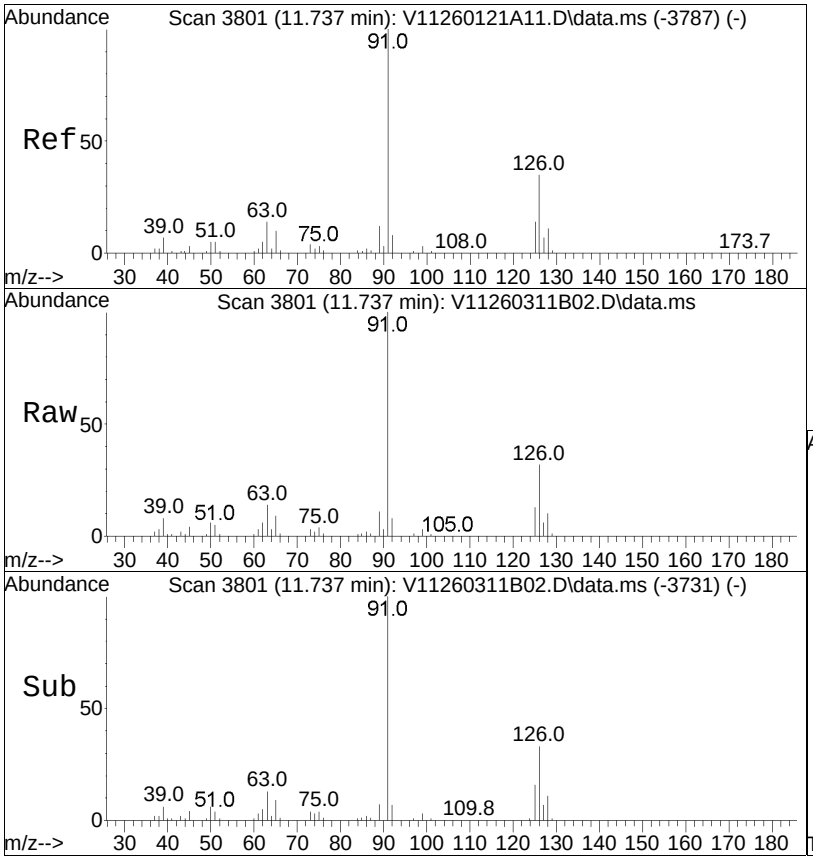


#92
trans-1,4-Dichloro-2-butene
Concen: 42.71 ug/L
RT: 11.659 min Scan# 3773
Delta R.T. -0.011 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 53 Resp: 46068

Ion	Ratio	Lower	Upper
53	100		
88	50.6	34.1	51.1
75	115.5	82.8	124.2

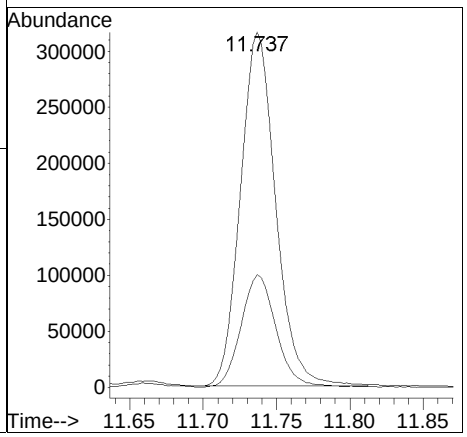


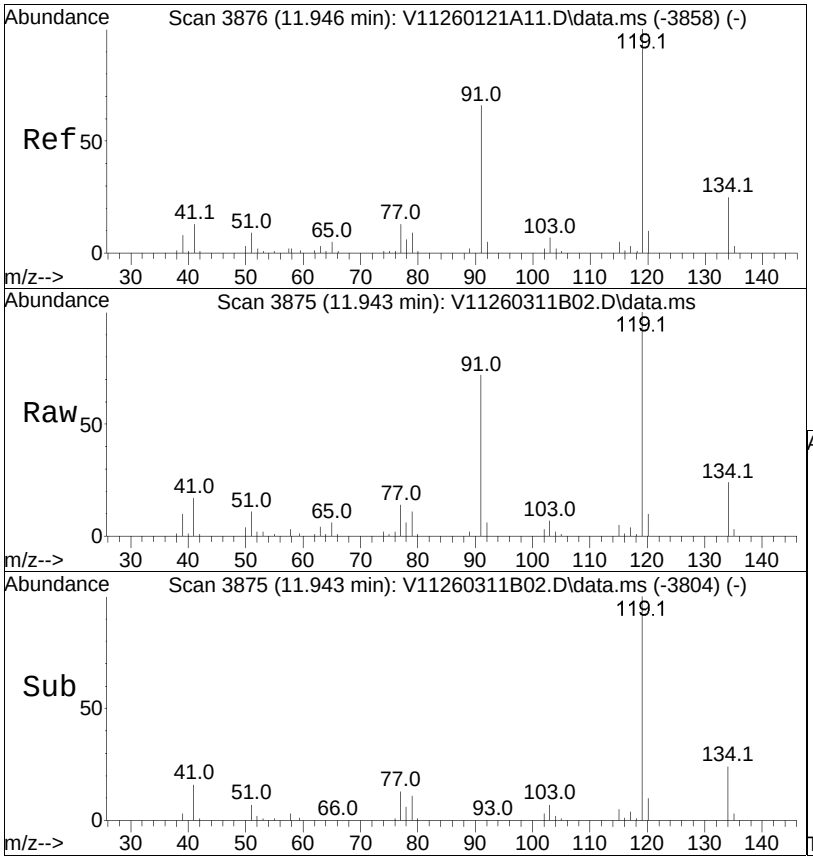


#93
4-Chlorotoluene
Concen: 44.51 ug/L
RT: 11.737 min Scan# 3801
Delta R.T. -0.006 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 91 Resp: 526896

Ion	Ratio	Lower	Upper
91	100		
126	31.4	27.9	41.9

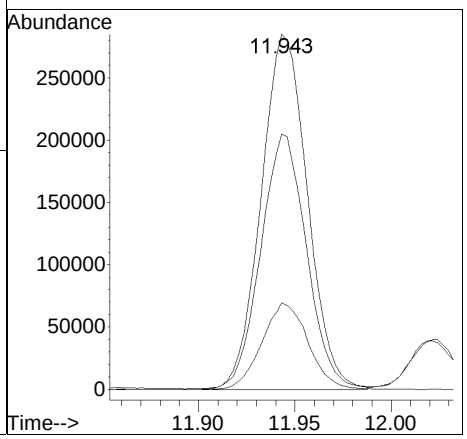


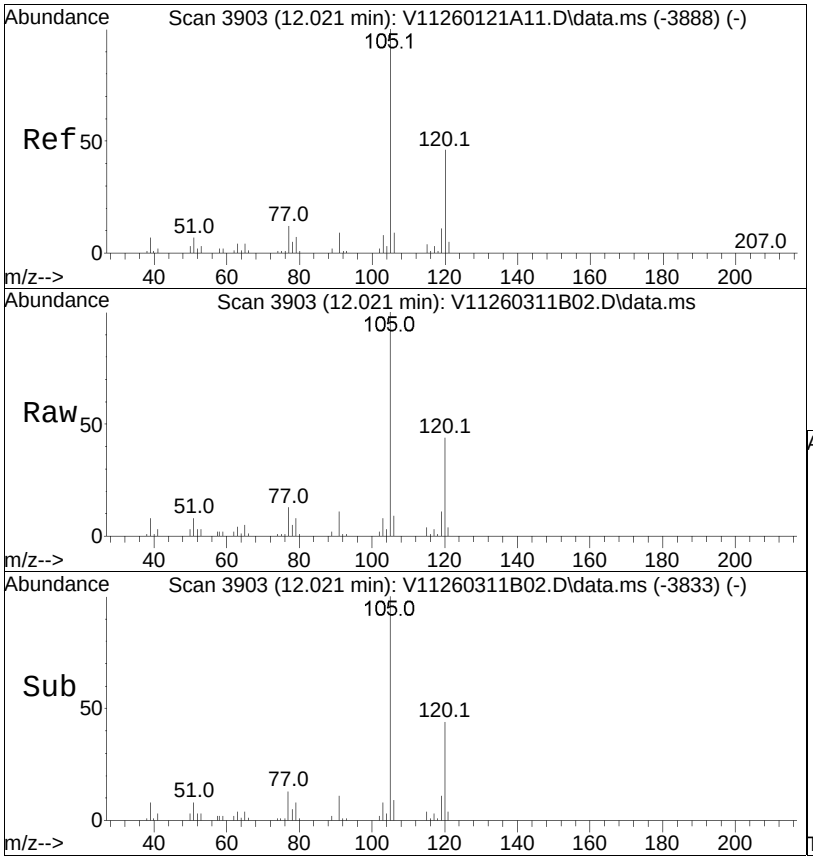


#94
tert-Butylbenzene
Concen: 41.31 ug/L
RT: 11.943 min Scan# 3875
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:119 Resp: 476293

Ion	Ratio	Lower	Upper
119	100		
91	70.7	53.0	79.4
134	24.2	19.8	29.6

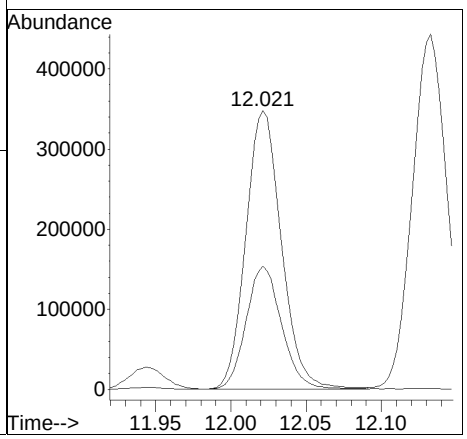


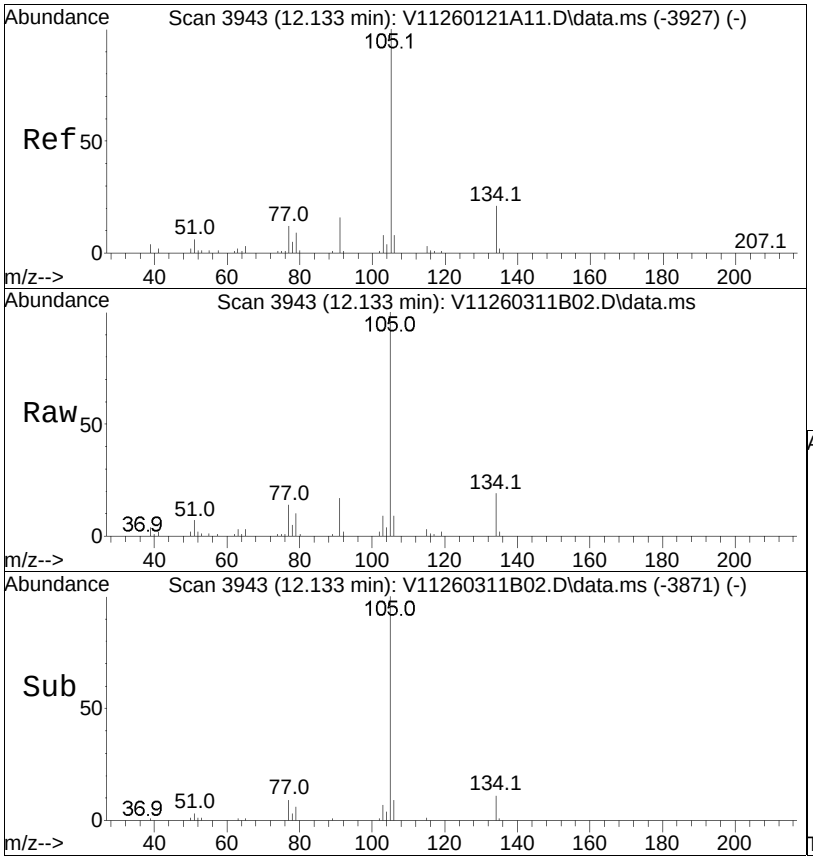


#97
1,2,4-Trimethylbenzene
Concen: 42.26 ug/L
RT: 12.021 min Scan# 3903
Delta R.T. -0.006 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:105 Resp: 573882

Ion	Ratio	Lower	Upper
105	100		
120	43.8	37.4	56.0

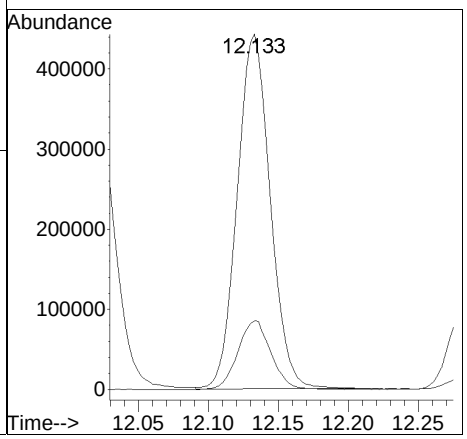


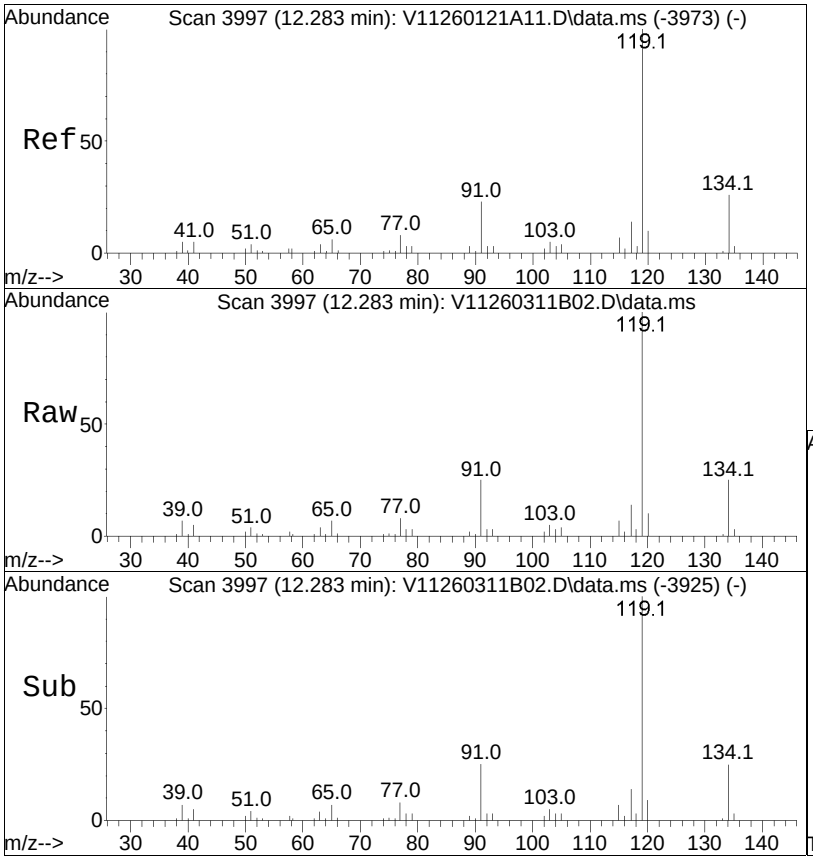


#98
sec-Butylbenzene
Concen: 42.65 ug/L
RT: 12.133 min Scan# 3943
Delta R.T. -0.000 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:105 Resp: 725256

Ion	Ratio	Lower	Upper
105	100		
134	19.3	13.2	27.4

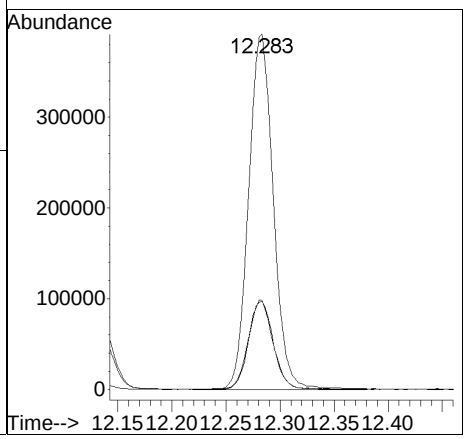


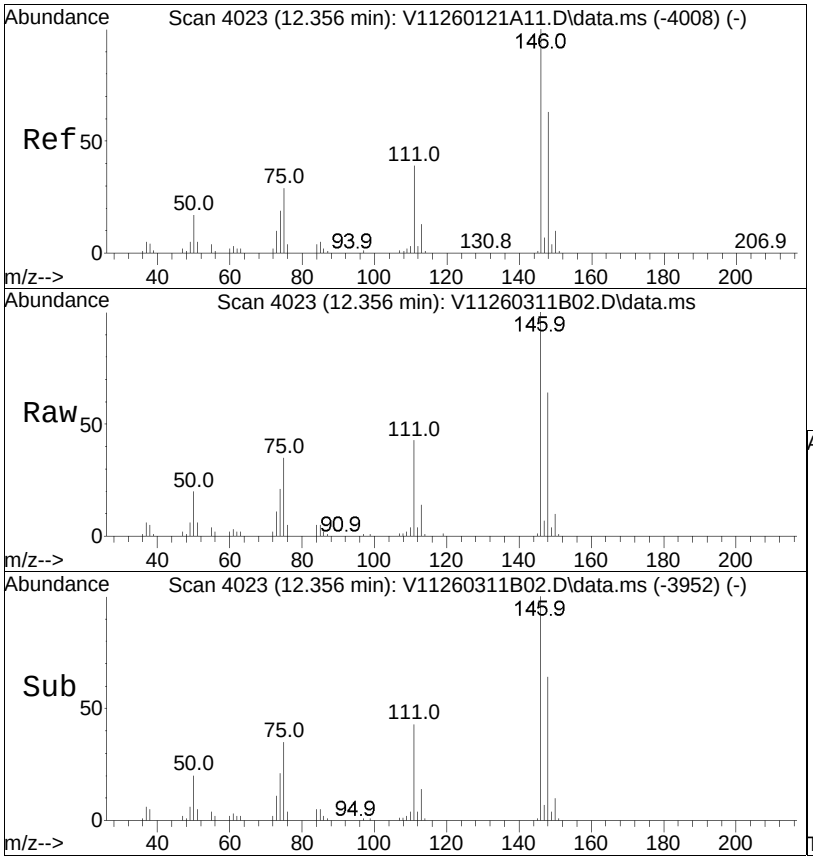


#99
p-Isopropyltoluene
Concen: 42.00 ug/L
RT: 12.283 min Scan# 3997
Delta R.T. -0.000 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:119 Resp: 623757

Ion	Ratio	Lower	Upper
119	100		
134	24.6	17.1	35.5
91	24.9	15.3	31.9

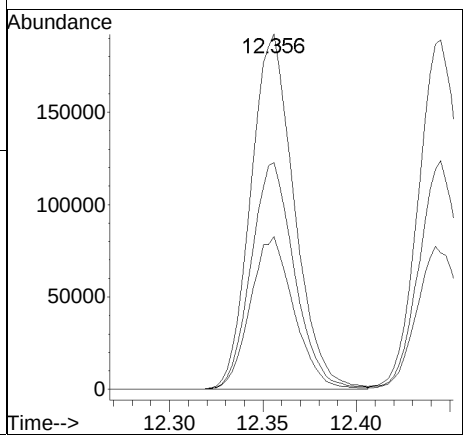


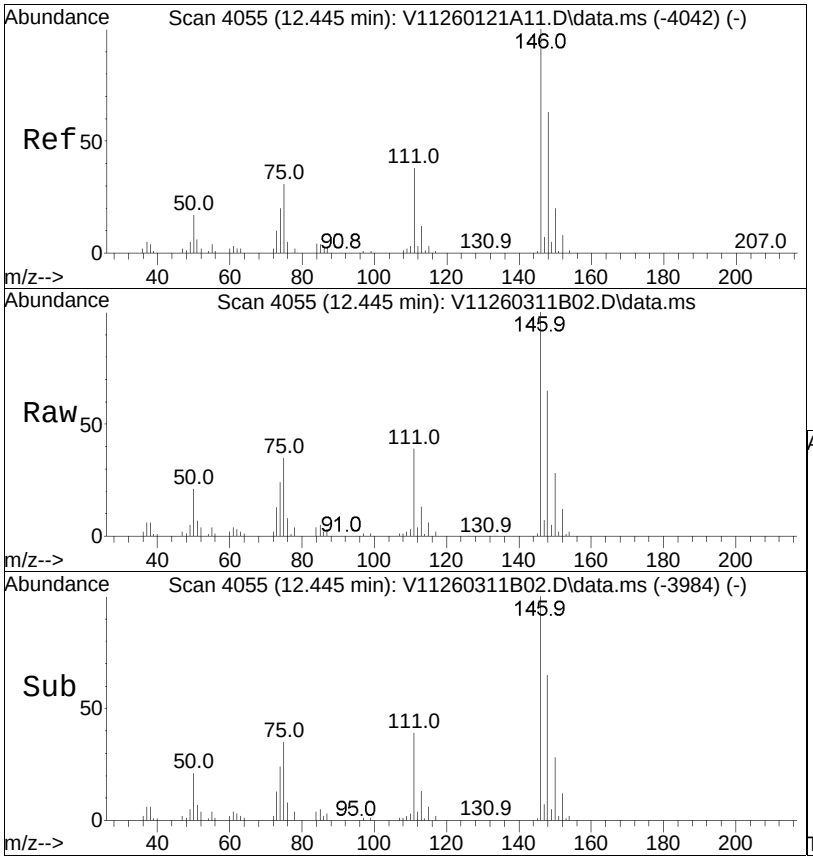


#100
1,3-Dichlorobenzene
Concen: 38.95 ug/L
RT: 12.356 min Scan# 4023
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:146 Resp: 311897

Ion	Ratio	Lower	Upper
146	100		
111	43.1	25.6	53.2
148	63.7	41.3	85.9

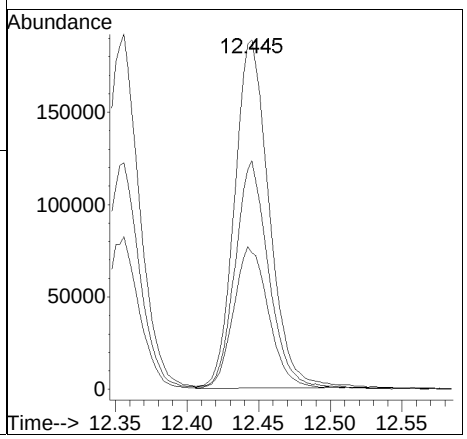


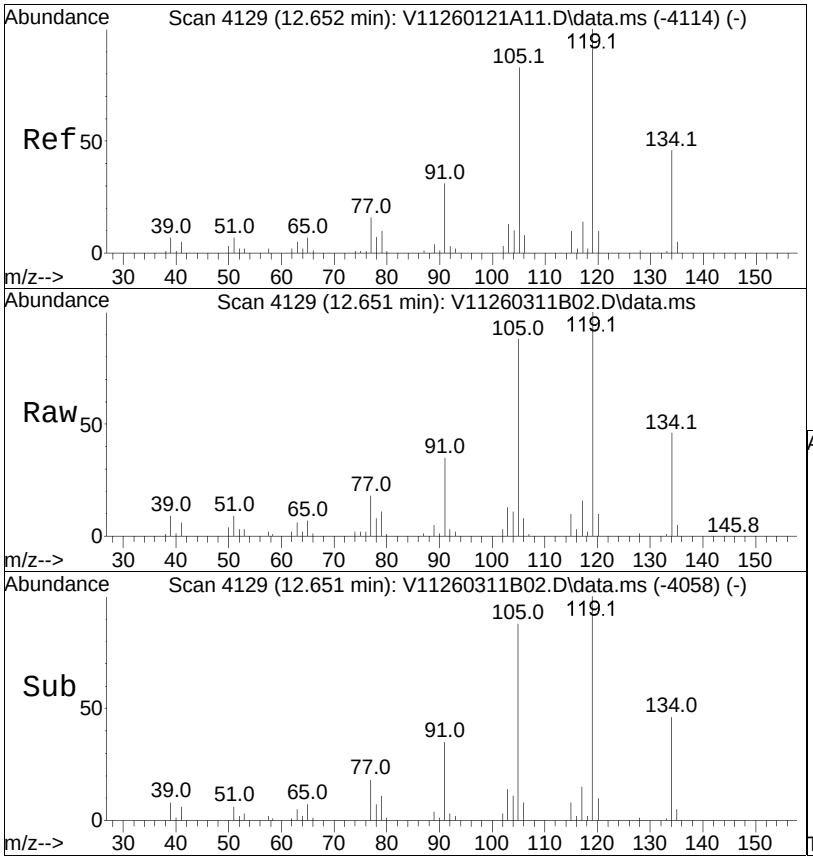


#101
1,4-Dichlorobenzene
Concen: 37.60 ug/L
RT: 12.445 min Scan# 4055
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:146 Resp: 316924

Ion	Ratio	Lower	Upper
146	100		
111	40.9	31.4	47.0
148	63.1	50.7	76.1

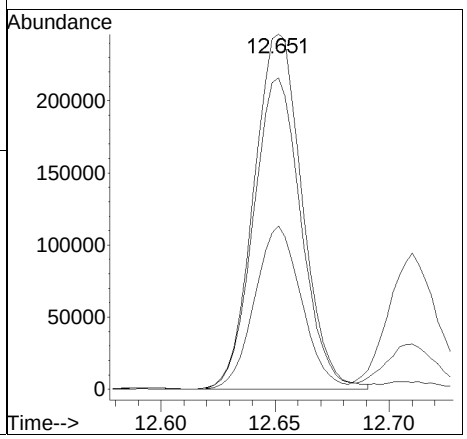


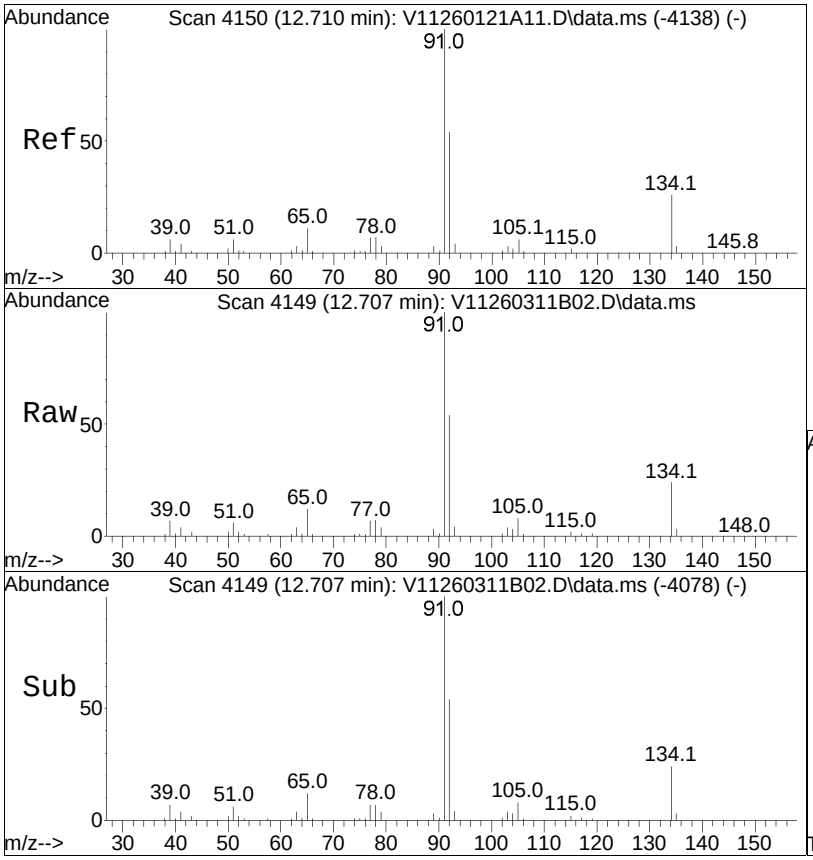


#102
p-Diethylbenzene
Concen: 41.03 ug/L
RT: 12.651 min Scan# 4129
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:119 Resp: 361975

Ion	Ratio	Lower	Upper
119	100		
105	86.4	54.5	113.3
134	44.7	29.9	62.1

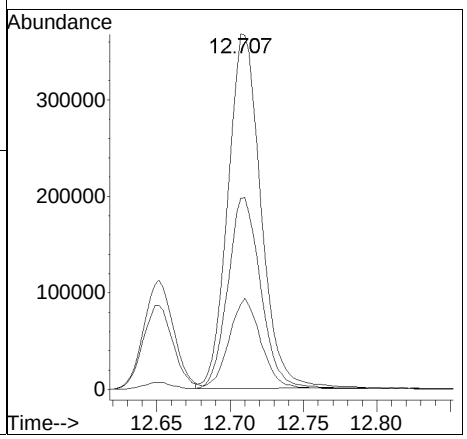


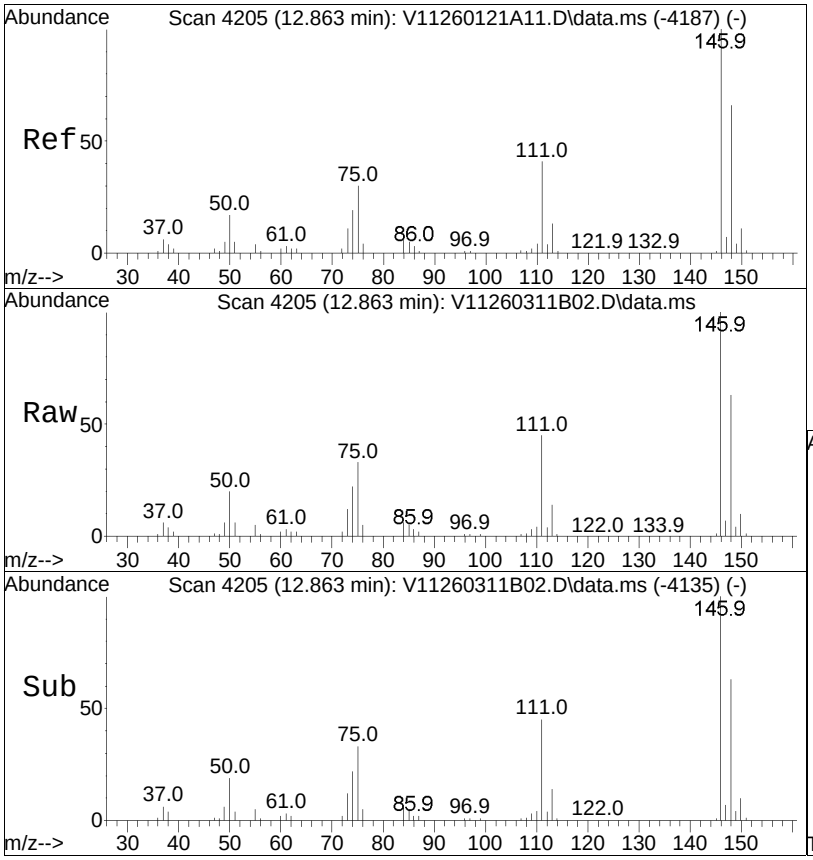


#103
n-Butylbenzene
Concen: 42.85 ug/L
RT: 12.707 min Scan# 4149
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion: 91 Resp: 574482

Ion	Ratio	Lower	Upper
91	100		
92	54.1	43.3	64.9
134	24.9	21.4	32.0

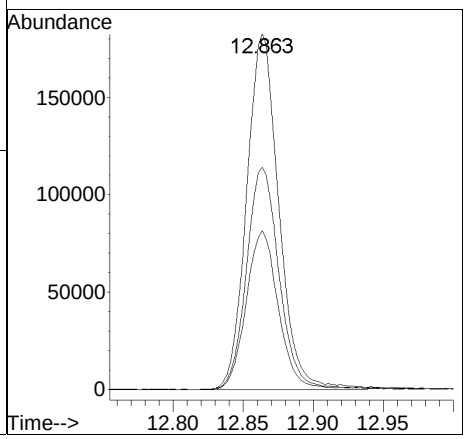


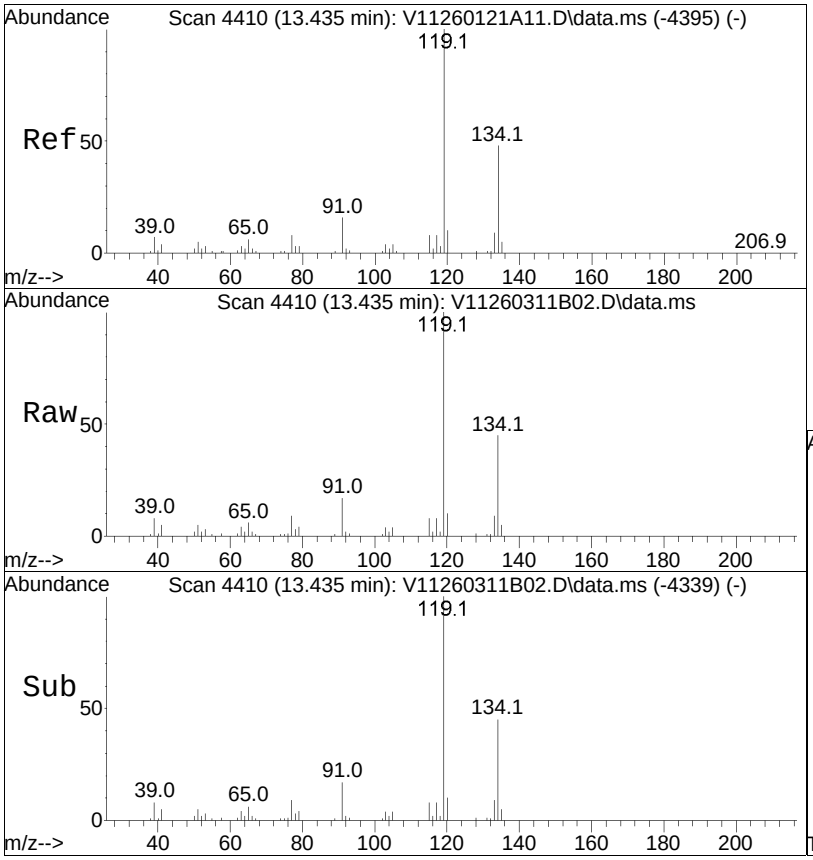


#104
1,2-Dichlorobenzene
Concen: 38.68 ug/L
RT: 12.863 min Scan# 4205
Delta R.T. -0.006 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:146 Resp: 291808

Ion	Ratio	Lower	Upper
146	100		
111	44.5	26.9	55.9
148	63.2	41.2	85.6

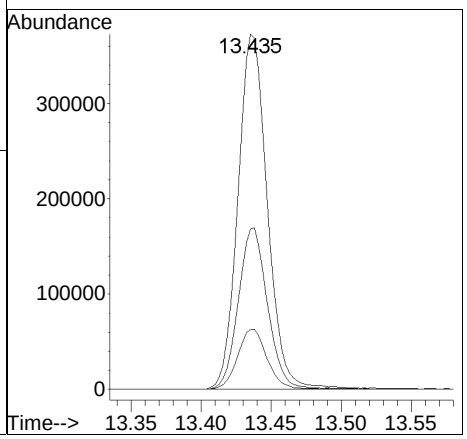


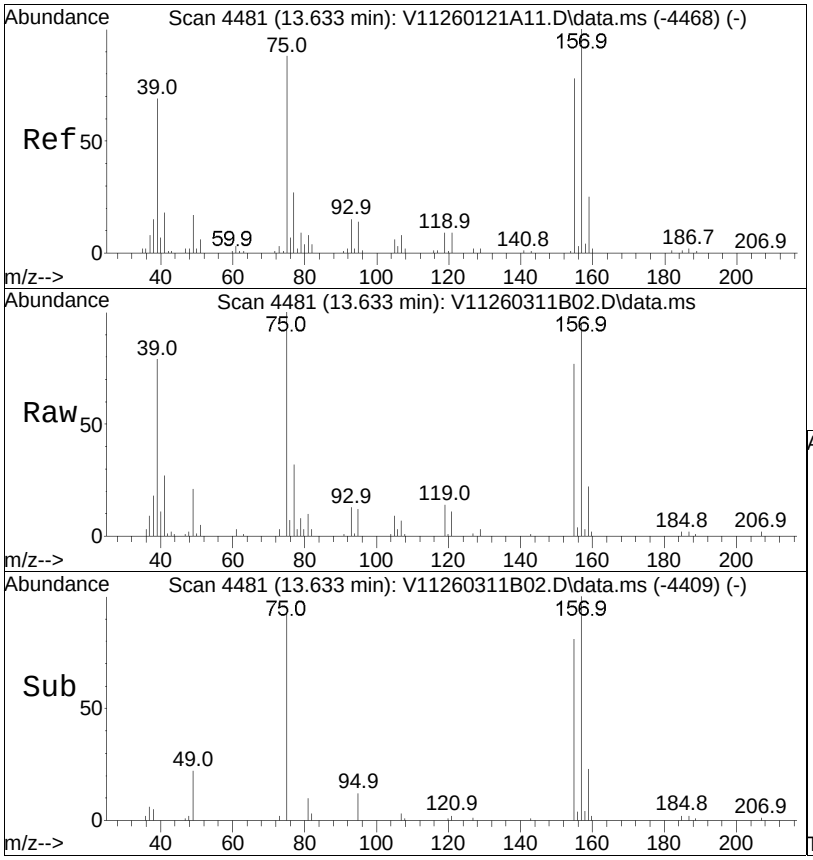


#105
1,2,4,5-Tetramethylbenzene
Concen: 40.51 ug/L
RT: 13.435 min Scan# 4410
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:119 Resp: 545231

Ion	Ratio	Lower	Upper
119	100		
134	45.1	31.1	64.5
91	17.0	10.4	21.6

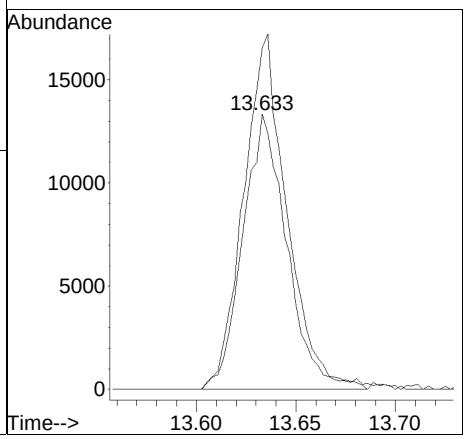


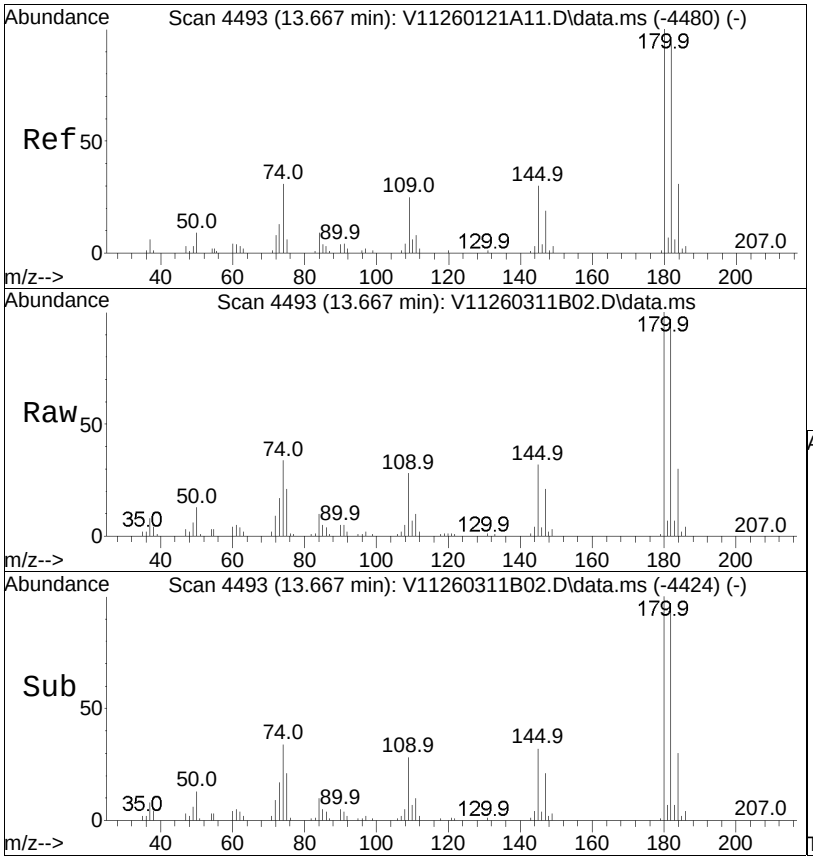


#106
1,2-Dibromo-3-chloropropane
Concen: 35.81 ug/L
RT: 13.633 min Scan# 4481
Delta R.T. -0.000 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:155 Resp: 20575

Ion	Ratio	Lower	Upper
155	100		
157	127.4	100.0	150.0

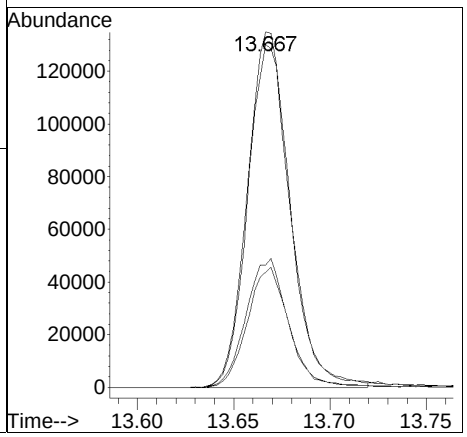


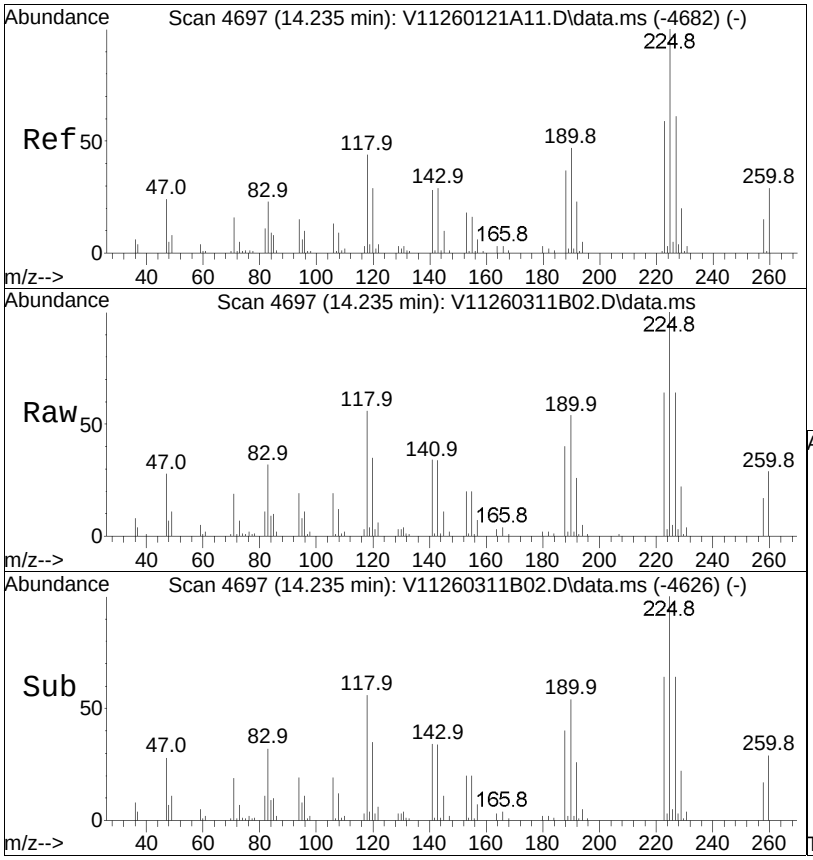


#107
1,3,5-Trichlorobenzene
Concen: 37.28 ug/L
RT: 13.667 min Scan# 4493
Delta R.T. -0.008 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:180 Resp: 208804

Ion	Ratio	Lower	Upper
180	100		
182	96.6	62.3	129.3
145	33.2	20.3	42.1
74	35.9	20.1	41.7

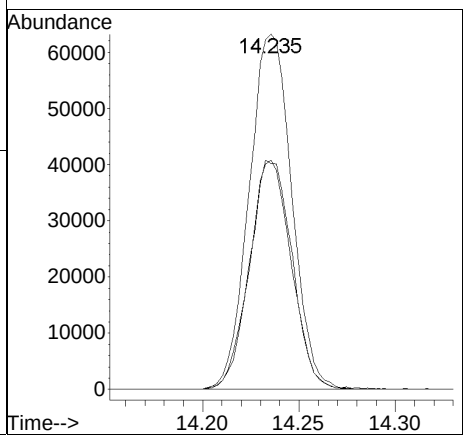


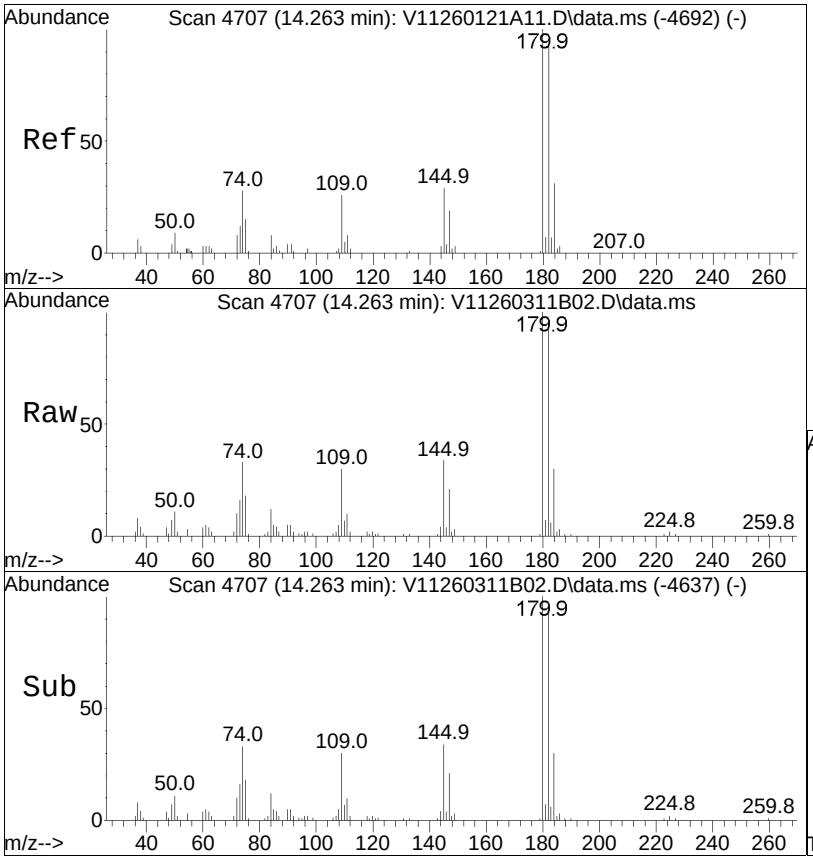


#108
Hexachlorobutadiene
Concen: 38.79 ug/L
RT: 14.235 min Scan# 4697
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:225 Resp: 97565

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.9	74.9
227	64.1	50.6	75.8

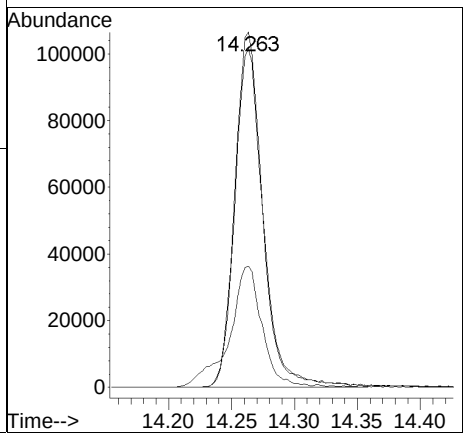


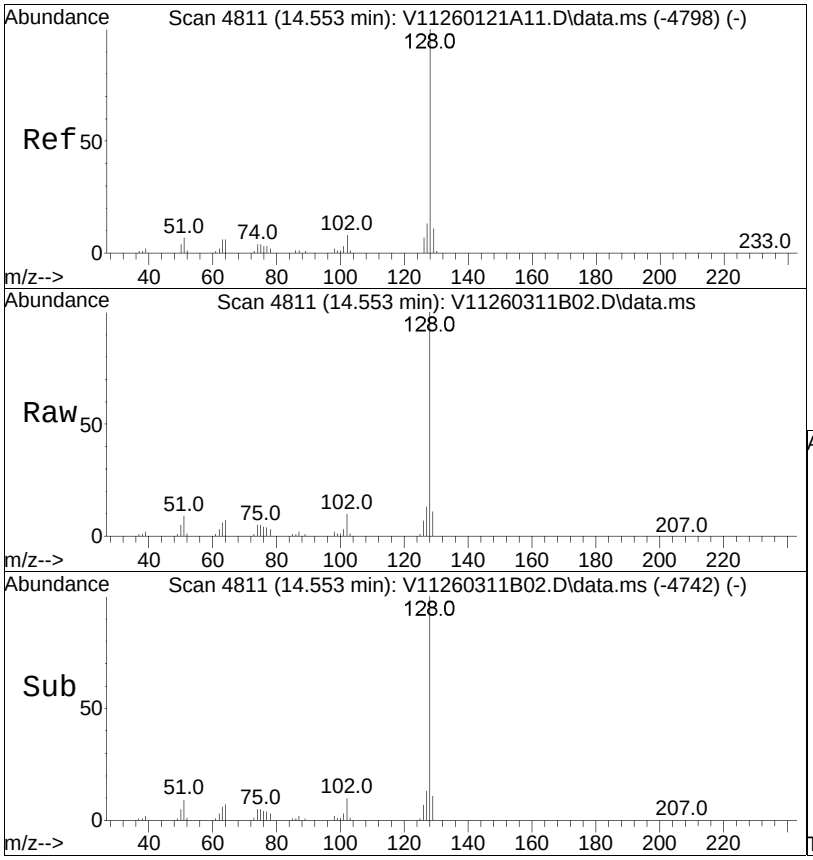


#109
1,2,4-Trichlorobenzene
Concen: 36.99 ug/L
RT: 14.263 min Scan# 4707
Delta R.T. -0.006 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:180 Resp: 166896

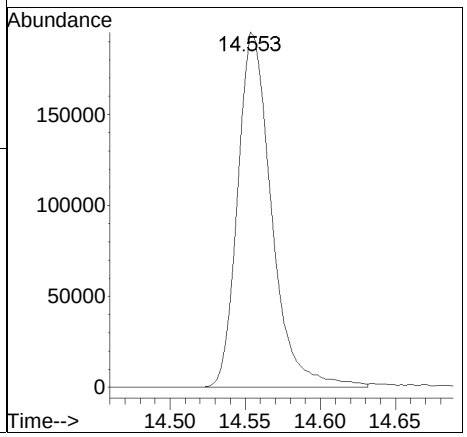
Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.6
145	39.5	29.6	44.4

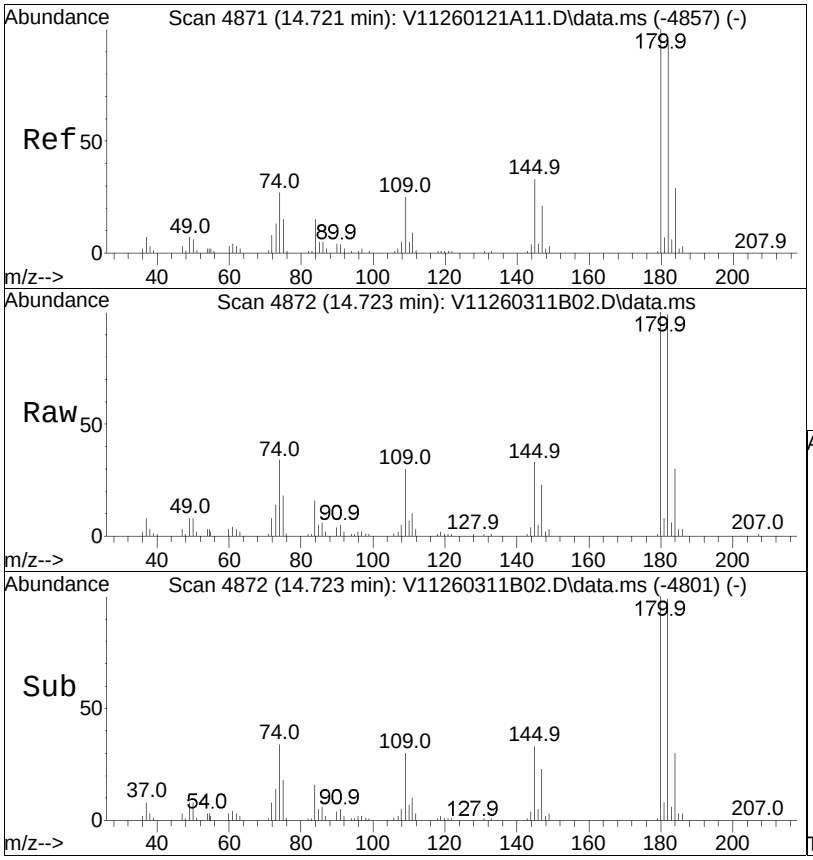




#110
Naphthalene
Concen: 36.34 ug/L
RT: 14.553 min Scan# 4811
Delta R.T. -0.008 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:128 Resp: 307172

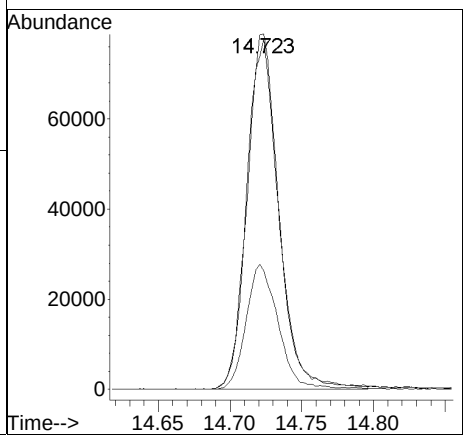




#111
1,2,3-Trichlorobenzene
Concen: 35.61 ug/L
RT: 14.723 min Scan# 4872
Delta R.T. -0.003 min
Lab File: V11260311B02.D
Acq: 11 Mar 2026 01:25 pm

Tgt Ion:180 Resp: 123632

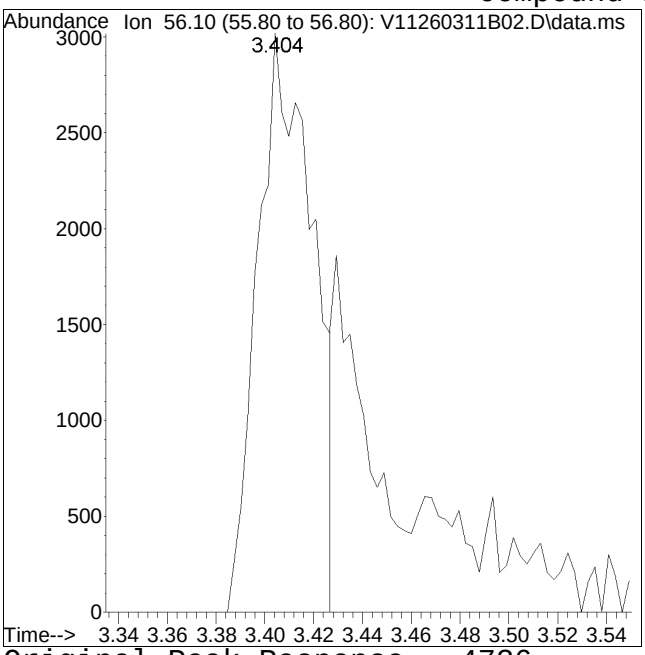
Ion	Ratio	Lower	Upper
180	100		
182	95.5	74.2	111.4
145	34.8	26.3	39.5



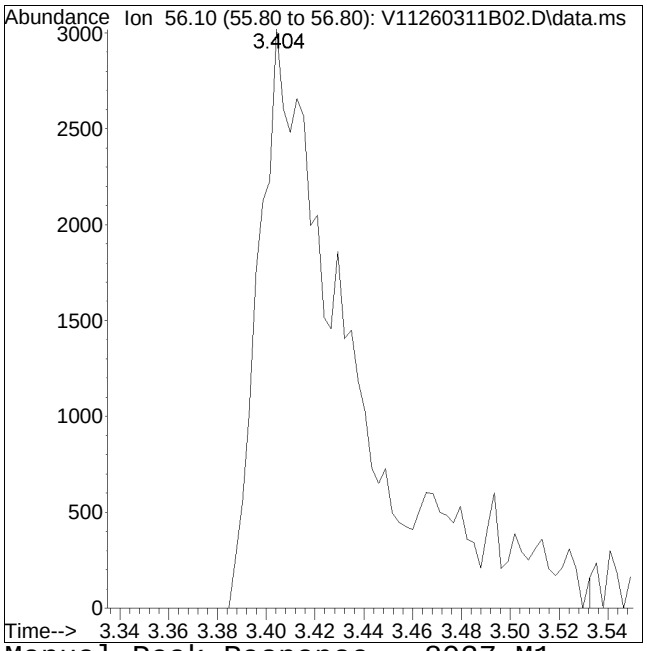
Manual Integration Report

Data Path : K:\VOA111\2026\260311B\ QMethod : V111_260121A_8260.m
Data File : V11260311B02.D Operator : VOA111:BAD
Date Inj'd : 3/11/2026 1:25 pm Instrument : VOA111
Sample : WG2183467-11,31H,15,15,0.1Quant Date : 3/11/2026 2:00 pm

Compound #14: Acrolein



Original Peak Response = 4736



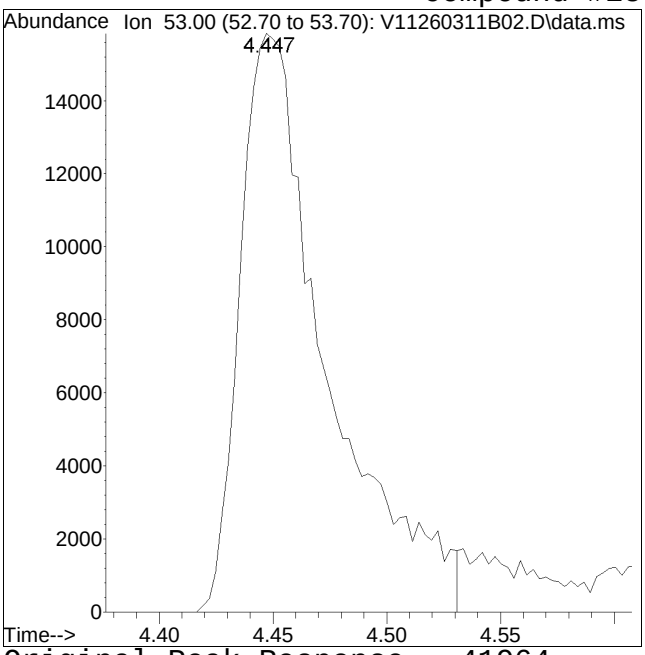
Manual Peak Response = 8037 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

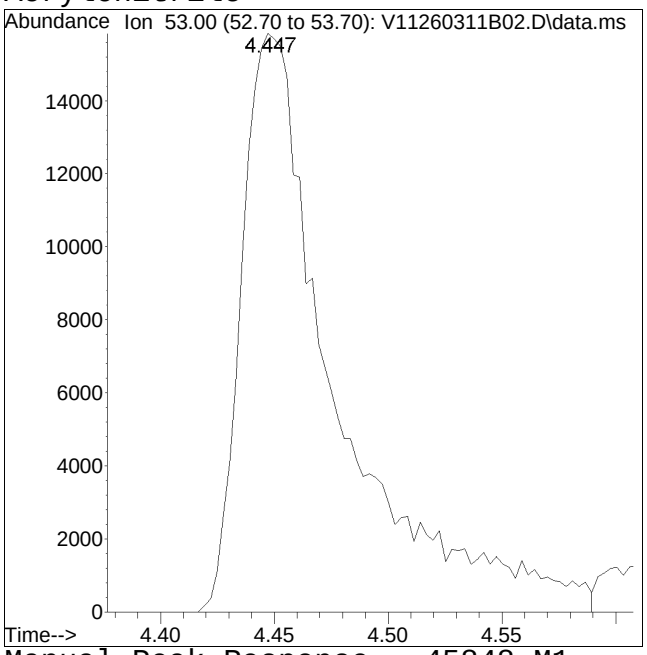
Manual Integration Report

Data Path : K:\VOA111\2026\260311B\ QMethod : V111_260121A_8260.m
Data File : V11260311B02.D Operator : VOA111:BAD
Date Inj'd : 3/11/2026 1:25 pm Instrument : VOA111
Sample : WG2183467-11,31H,15,15,0.1Quant Date : 3/11/2026 2:00 pm

Compound #25: Acrylonitrile



Original Peak Response = 41964



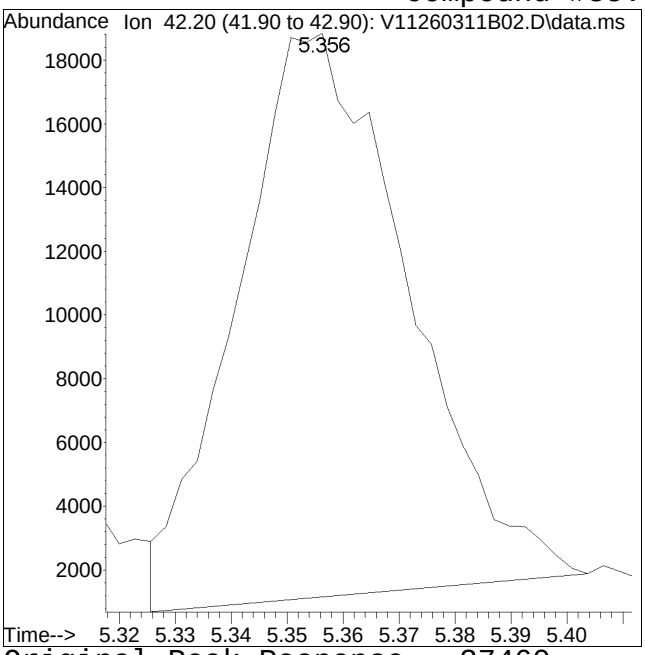
Manual Peak Response = 45848 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

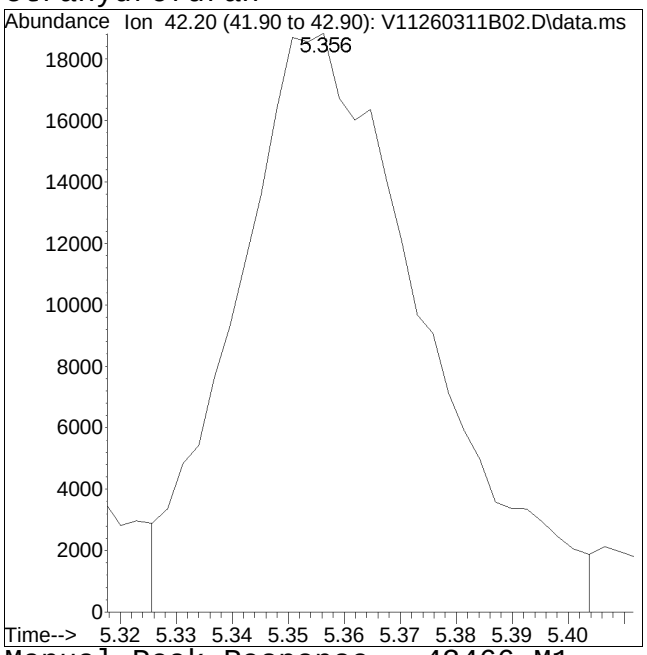
Manual Integration Report

Data Path : K:\VOA111\2026\260311B\ QMethod : V111_260121A_8260.m
Data File : V11260311B02.D Operator : VOA111:BAD
Date Inj'd : 3/11/2026 1:25 pm Instrument : VOA111
Sample : WG2183467-11,31H,15,15,0.1Quant Date : 3/11/2026 2:00 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 37460



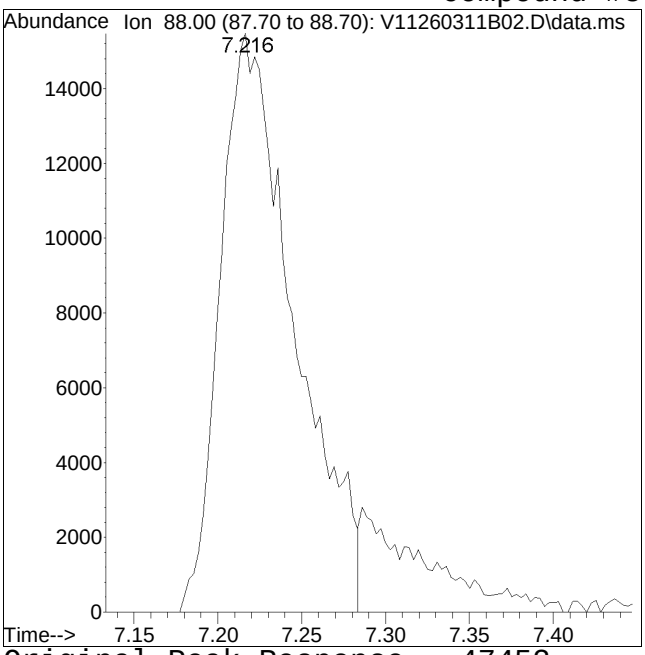
Manual Peak Response = 43466 M1

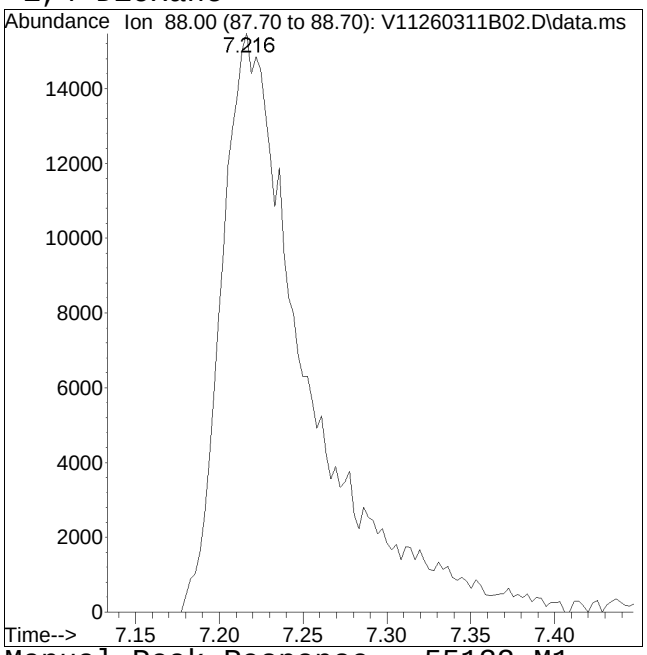
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA111\2026\260311B\ QMethod : V111_260121A_8260.m
Data File : V11260311B02.D Operator : VOA111:BAD
Date Inj'd : 3/11/2026 1:25 pm Instrument : VOA111
Sample : WG2183467-11,31H,15,15,0.1Quant Date : 3/11/2026 2:00 pm

Compound #57: 1,4-Dioxane





Original Peak Response = 47452 Manual Peak Response = 55132 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A02.D
Acq On : 10 Mar 2026 1:43 pm
Operator : VOA110:AJK
Sample : WG2183801-4,31,5,5
Misc : WG2183801,ICAL23128
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 15:44:36 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260310A\V10260310A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.196	96	179573	20.000 ug/L	0.00
Standard Area 1 = 176818			Recovery = 101.56%		
59) Chlorobenzene-d5	9.746	117	135310	20.000 ug/L	0.00
Standard Area 1 = 133069			Recovery = 101.68%		
79) 1,4-Dichlorobenzene-d4	12.412	152	74865	20.000 ug/L	0.00
Standard Area 1 = 74532			Recovery = 100.45%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.374	113	43543	18.491 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.45%		
43) 1,2-Dichloroethane-d4	5.912	65	48659	19.459 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.30%		
60) Toluene-d8	7.892	98	173428	21.418 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.09%		
83) 4-Bromofluorobenzene	11.219	95	64493	19.725 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.63%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.737	85	77558	57.574 ug/L	98
3) Chloromethane	1.933	50	119015	42.021 ug/L	98
4) Vinyl chloride	2.011	62	103402	45.644 ug/L	99
5) Bromomethane	2.337	94	53007	40.895 ug/L	92
6) Chloroethane	2.462	64	67052	43.197 ug/L	95
7) Trichlorofluoromethane	2.607	101	110052	46.679 ug/L	100
8) Ethyl ether	2.909	74	51074	37.674 ug/L	84
10) 1,1-Dichloroethene	3.107	96	73102	40.166 ug/L	99
11) Carbon disulfide	3.137	76	256065	41.845 ug/L	100
15) Methylene chloride	3.662	84	83223	39.841 ug/L	90
17) Acetone	3.715	43	40537	38.002 ug/L #	30
18) trans-1,2-Dichloroethene	3.823	96	83358	36.991 ug/L	98
20) Methyl tert-butyl ether	3.921	73	255356	36.400 ug/L	93
23) 1,1-Dichloroethane	4.409	63	163947	38.307 ug/L	98
25) Acrylonitrile	4.456	53	40594	34.938 ug/L #	90
27) Vinyl acetate	4.649	43	292963	38.620 ug/L #	92
28) cis-1,2-Dichloroethene	4.933	96	91205	36.584 ug/L	91
29) 2,2-Dichloropropane	5.042	77	126634	39.878 ug/L	97
30) Bromochloromethane	5.128	128	44340	37.158 ug/L	91
32) Chloroform	5.198	83	141293	35.397 ug/L	99

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A02.D
Acq On : 10 Mar 2026 1:43 pm
Operator : VOA110:AJK
Sample : WG2183801-4,31,5,5
Misc : WG2183801,ICAL23128
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 15:44:36 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260310A\V10260310A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	5.343	117	110299	42.611	ug/L		99
37) 1,1,1-Trichloroethane	5.407	97	120682	36.879	ug/L		99
39) 2-Butanone	5.502	43	55868	35.432	ug/L	#	7
40) 1,1-Dichloropropene	5.530	75	111985	42.593	ug/L		97
41) Benzene	5.778	78	330253	38.137	ug/L		96
44) 1,2-Dichloroethane	5.984	62	110071	36.689	ug/L		99
48) Trichloroethene	6.375	95	85155	40.177	ug/L		94
50) Dibromomethane	6.815	93	48373	35.506	ug/L	#	86
51) 1,2-Dichloropropane	6.921	63	94981	37.772	ug/L		97
54) Bromodichloromethane	6.991	83	110055	37.543	ug/L		98
57) 1,4-Dioxane	7.214	88	51555M1	1780.466	ug/L		
58) cis-1,3-Dichloropropene	7.686	75	141199	37.621	ug/L		94
61) Toluene	7.956	92	208572	41.722	ug/L		99
62) 4-Methyl-2-pentanone	8.385	58	41008	40.248	ug/L		87
63) Tetrachloroethene	8.405	166	88106	45.386	ug/L		96
65) trans-1,3-Dichloropropene	8.433	75	126274	41.600	ug/L		99
68) 1,1,2-Trichloroethane	8.620	83	60881	37.408	ug/L		97
69) Chlorodibromomethane	8.834	129	89644	40.802	ug/L		97
70) 1,3-Dichloropropane	8.949	76	129919	41.036	ug/L		99
71) 1,2-Dibromoethane	9.113	107	76674	42.867	ug/L		98
72) 2-Hexanone	9.395	43	83524	39.051	ug/L		94
73) Chlorobenzene	9.769	112	235382	40.464	ug/L		90
74) Ethylbenzene	9.802	91	394654	41.905	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.850	131	87440	42.153	ug/L		98
76) p/m Xylene	9.986	106	318700	82.185	ug/L		94
77) o Xylene	10.522	106	310031	81.462	ug/L		95
78) Styrene	10.586	104	530462	81.114	ug/L		94
80) Bromoform	10.611	173	59415	40.235	ug/L		98
82) Isopropylbenzene	10.892	105	402516	43.472	ug/L		97
84) Bromobenzene	11.330	156	102163	41.397	ug/L		98
85) n-Propylbenzene	11.367	91	474251	43.853	ug/L		96
87) 1,1,2,2-Tetrachloroethane	11.445	83	106306	36.979	ug/L		96
88) 4-Ethyltoluene	11.489	105	404288	43.447	ug/L		98
89) 2-Chlorotoluene	11.537	91	272714	41.305	ug/L		90
90) 1,3,5-Trimethylbenzene	11.584	105	341606	42.940	ug/L		96
91) 1,2,3-Trichloropropane	11.592	75	83554	39.373	ug/L		98
92) trans-1,4-Dichloro-2-b...	11.640	53	37521	38.747	ug/L		93
93) 4-Chlorotoluene	11.718	91	288279	41.906	ug/L		92
94) tert-Butylbenzene	11.924	119	311023	43.767	ug/L		97

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A02.D
Acq On : 10 Mar 2026 1:43 pm
Operator : VOA110:AJK
Sample : WG2183801-4,31,5,5
Misc : WG2183801,ICAL23128
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 15:44:36 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA110\2026\260310A\V10260310A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.000	105	336221	42.173	ug/L	95
98) sec-Butylbenzene	12.111	105	451633	44.780	ug/L	95
99) p-Isopropyltoluene	12.262	119	413447	44.197	ug/L	96
100) 1,3-Dichlorobenzene	12.337	146	204551	42.278	ug/L	98
101) 1,4-Dichlorobenzene	12.426	146	208421	42.013	ug/L	98
102) p-Diethylbenzene	12.630	119	251061	43.782	ug/L	95
103) n-Butylbenzene	12.688	91	360502	44.870	ug/L	97
104) 1,2-Dichlorobenzene	12.850	146	194595	41.945	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.422	119	386751	42.387	ug/L	94
106) 1,2-Dibromo-3-chloropr...	13.623	155	21067	38.300	ug/L	95
108) Hexachlorobutadiene	14.225	225	67812	45.566	ug/L	98
109) 1,2,4-Trichlorobenzene	14.250	180	138077	42.242	ug/L	97
110) Naphthalene	14.543	128	378251	39.967	ug/L	100
111) 1,2,3-Trichlorobenzene	14.710	180	128889	41.362	ug/L	96

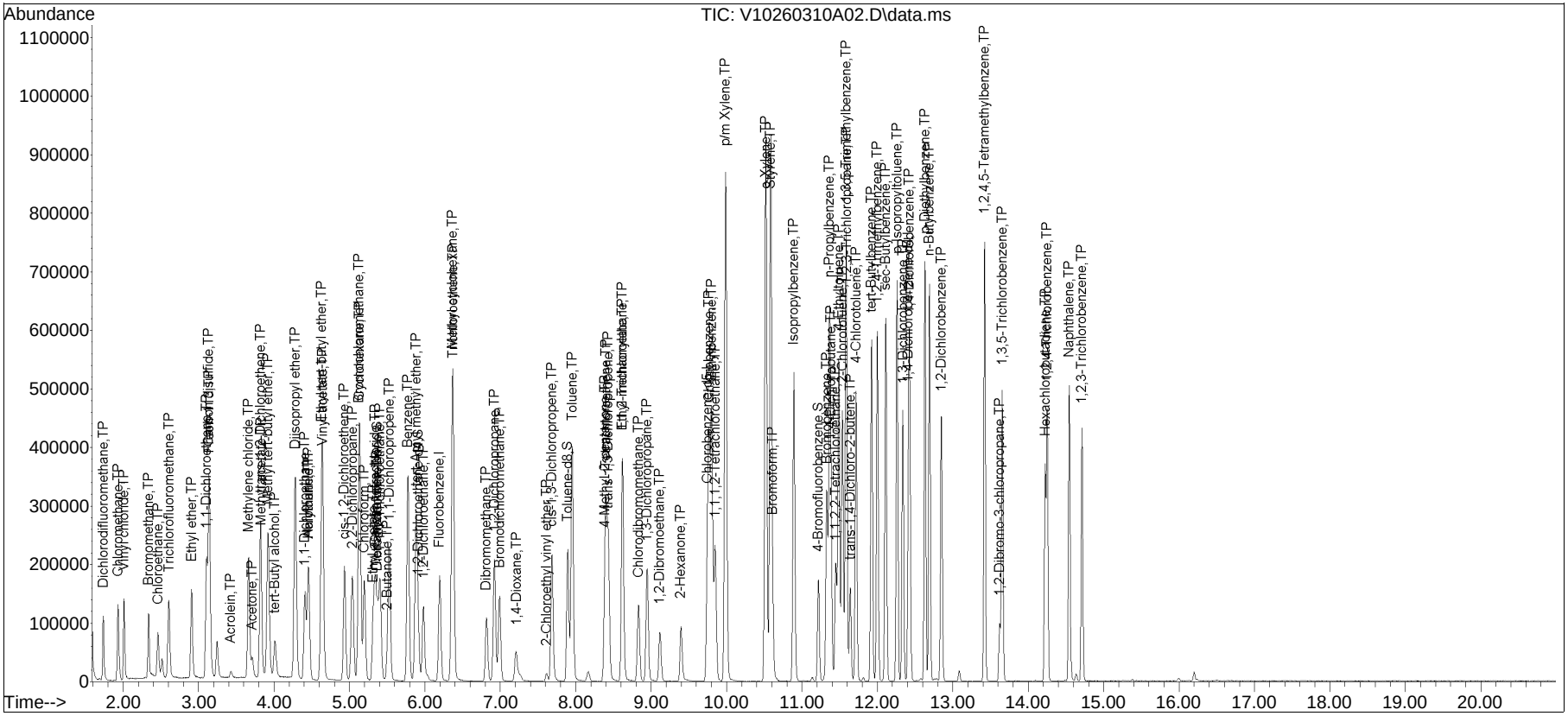
(#) = qualifier out of range (m) = manual integration (+) = signals summed

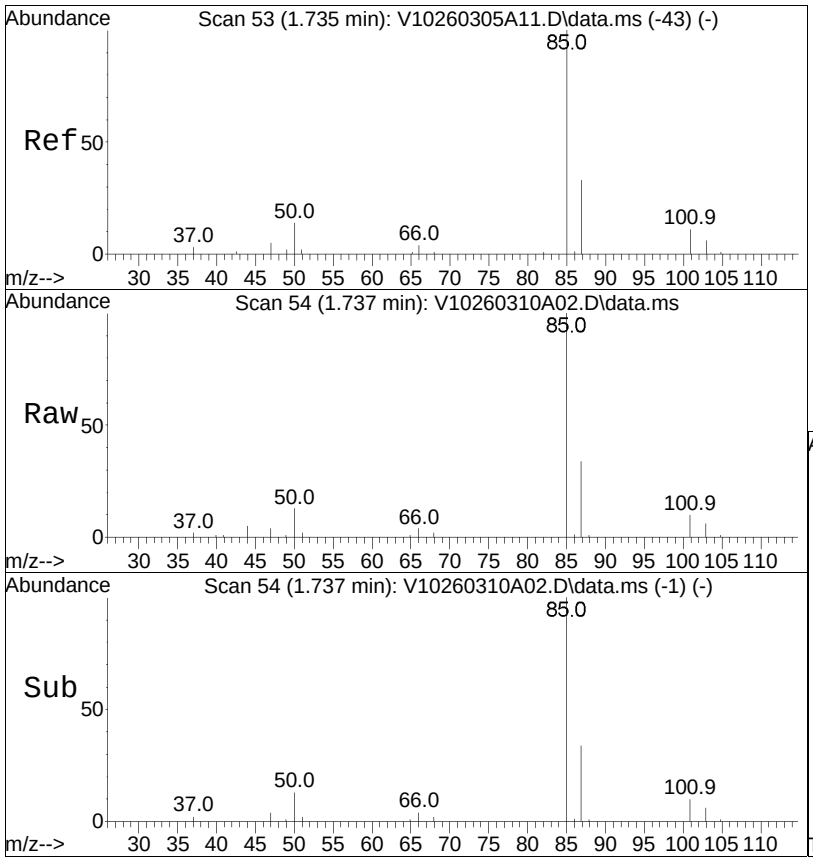
Quantitation Report (QT Reviewed)

Data Path : K:\VOA110\2026\260310A\
Data File : V10260310A02.D
Acq On : 10 Mar 2026 1:43 pm
Operator : VOA110:AJK
Sample : WG2183801-4,31,5,5
Misc : WG2183801,ICAL23128
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 15:44:36 2026
Quant Method : K:\VOA110\2026\260310A\V110_260305A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Mar 06 12:21:57 2026
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox10A01.D•

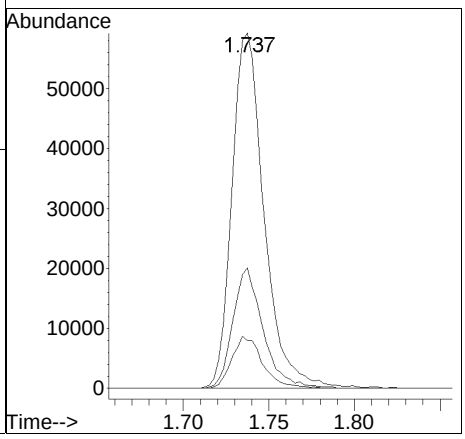


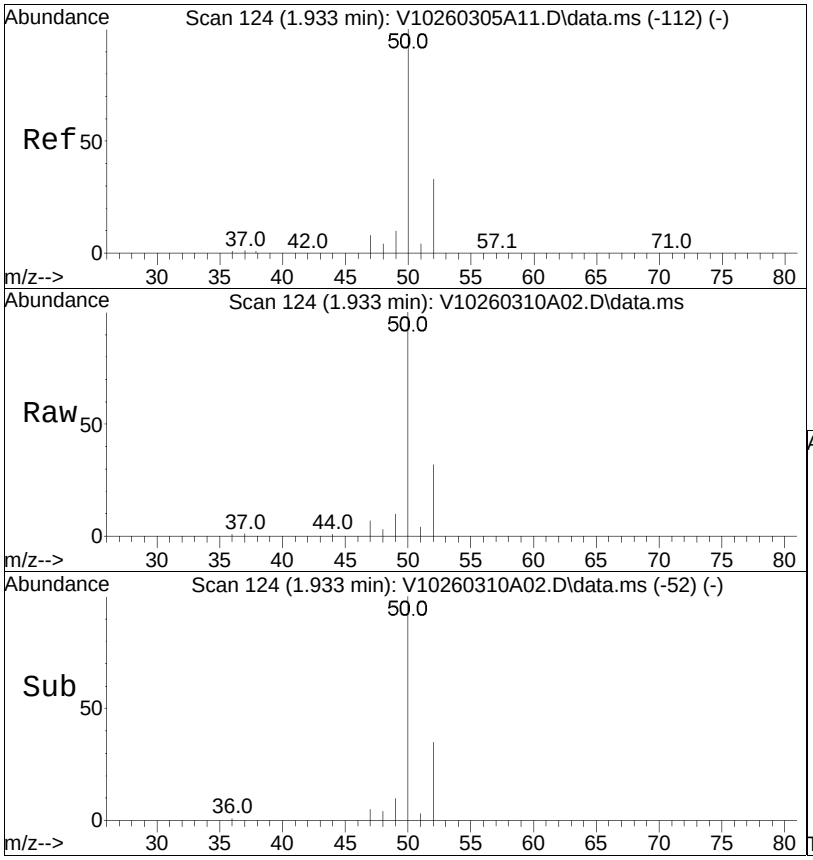


#2
Dichlorodifluoromethane
Concen: 57.57 ug/L
RT: 1.737 min Scan# 54
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 85 Resp: 77558

Ion	Ratio	Lower	Upper
85	100		
87	31.9	20.3	42.1
50	14.1	8.5	17.6

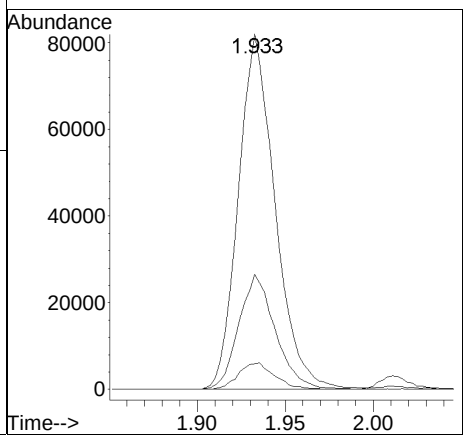


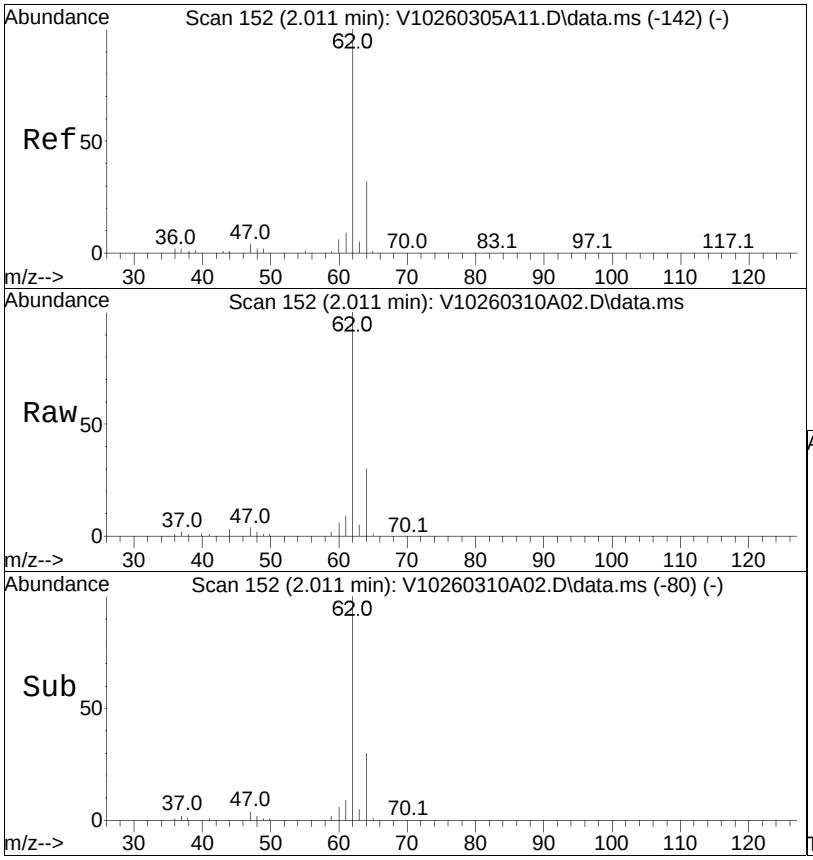


#3
Chloromethane
Concen: 42.02 ug/L
RT: 1.933 min Scan# 124
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 50 Resp: 119015

Ion	Ratio	Lower	Upper
50	100		
52	32.3	13.2	53.2
47	7.4	0.0	28.3

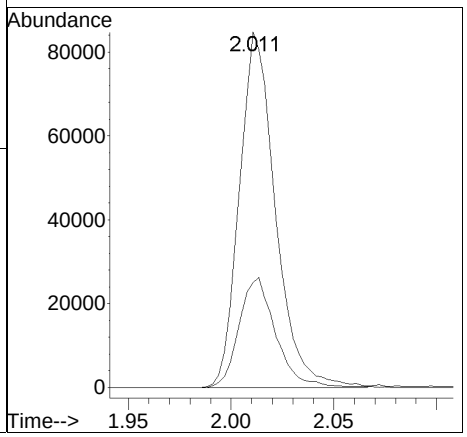


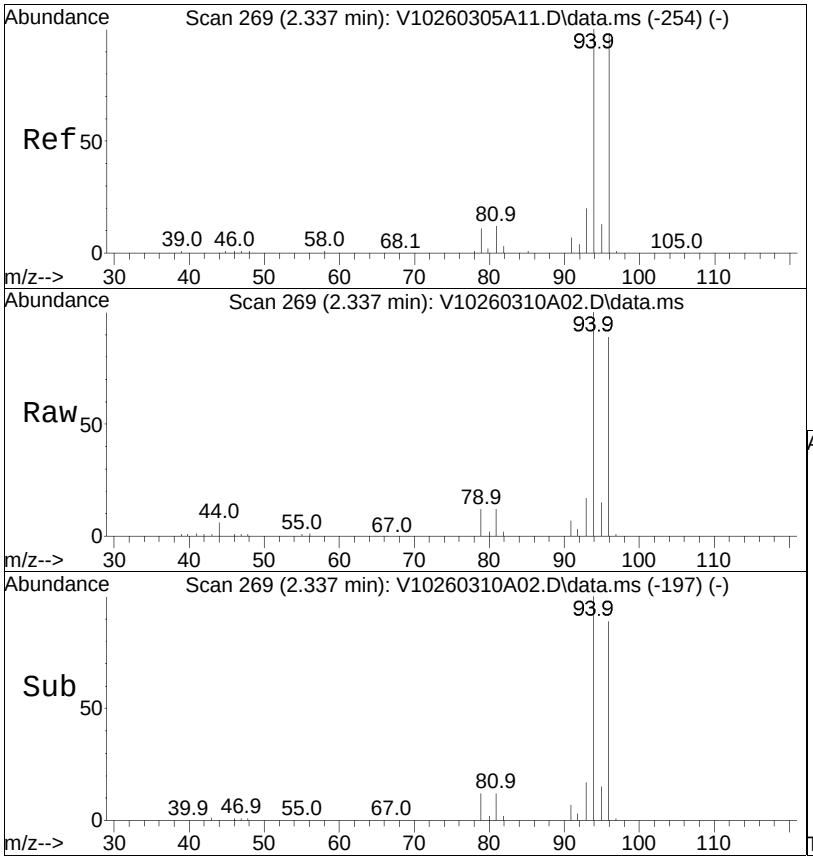


#4
Vinyl chloride
Concen: 45.64 ug/L
RT: 2.011 min Scan# 152
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 62 Resp: 103402

Ion	Ratio	Lower	Upper
62	100		
64	31.2	10.5	50.5

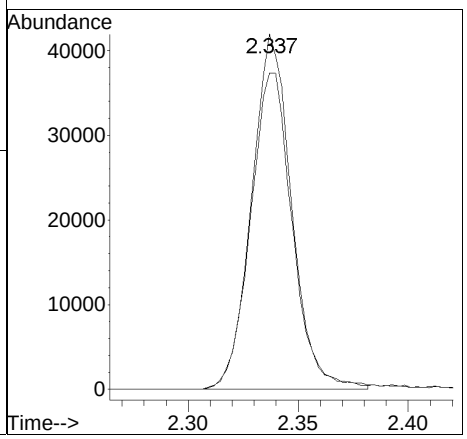


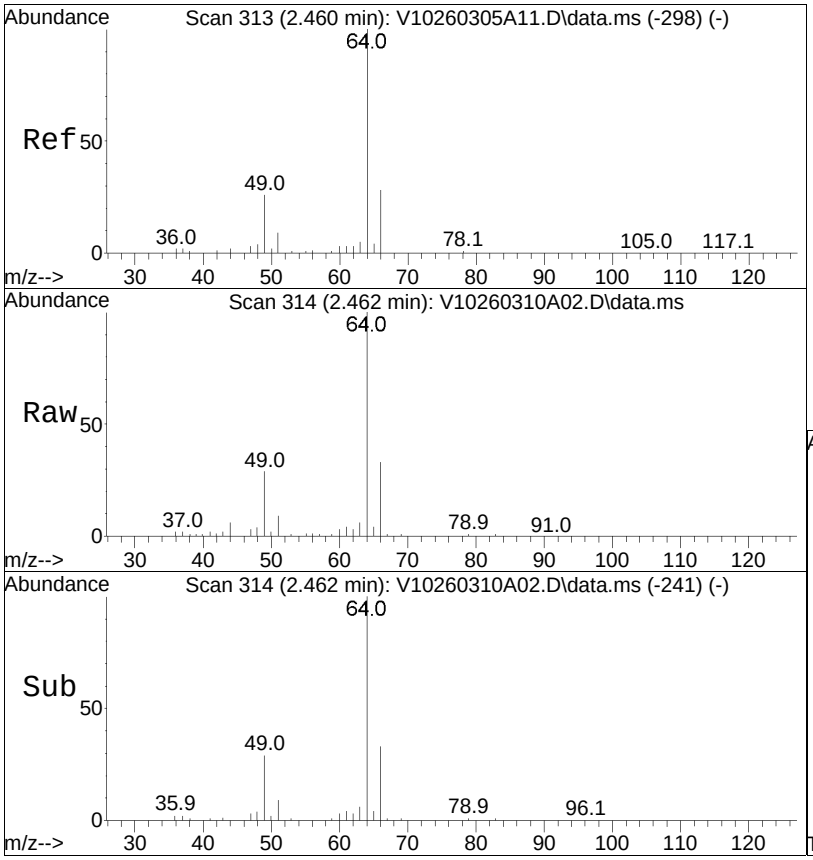


#5
Bromomethane
Concen: 40.89 ug/L
RT: 2.337 min Scan# 269
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 94 Resp: 53007

Ion	Ratio	Lower	Upper
94	100		
96	94.4	67.4	107.4

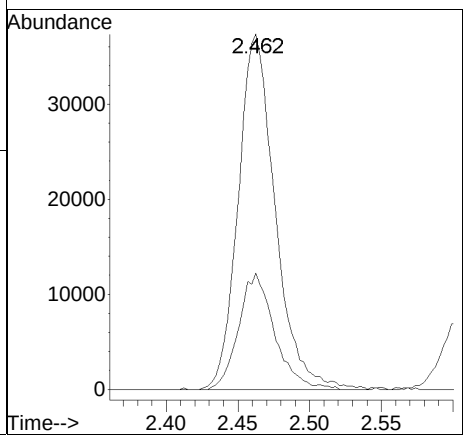


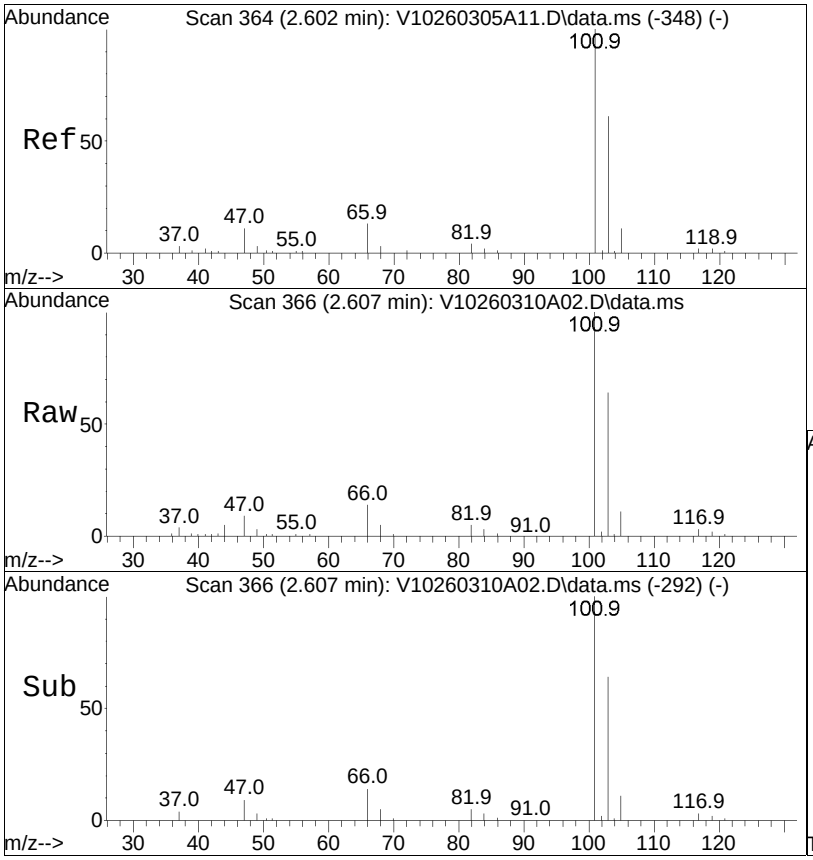


#6
Chloroethane
Concen: 43.20 ug/L
RT: 2.462 min Scan# 314
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 64 Resp: 67052

Ion	Ratio	Lower	Upper
64	100		
66	31.3	14.1	54.1

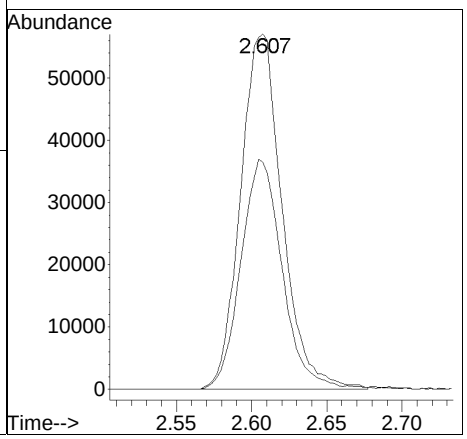


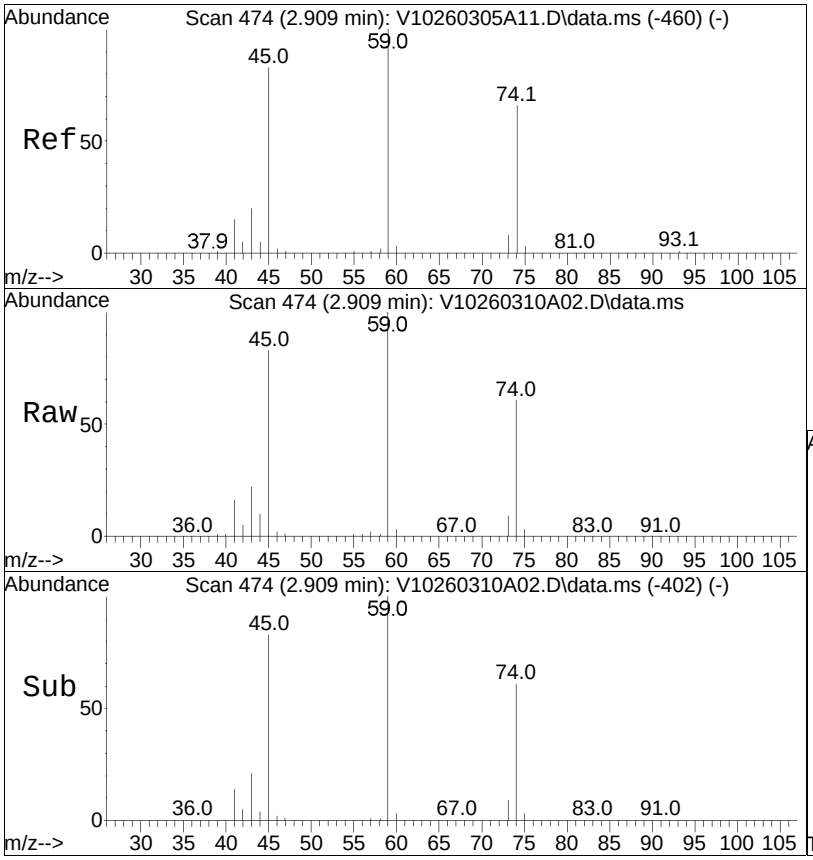


#7
Trichlorofluoromethane
Concen: 46.68 ug/L
RT: 2.607 min Scan# 366
Delta R.T. 0.005 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:101 Resp: 110052

Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.1	76.7

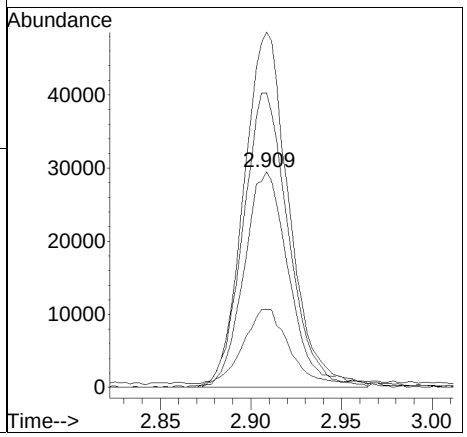


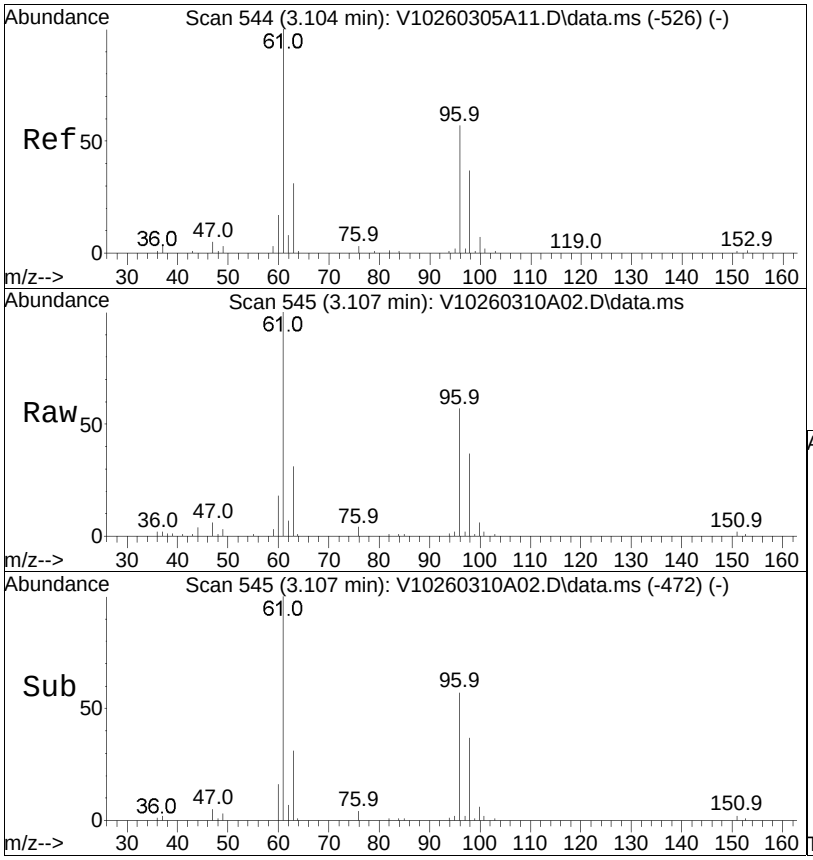


#8
Ethyl ether
Concen: 37.67 ug/L
RT: 2.909 min Scan# 474
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 74 Resp: 51074

Ion	Ratio	Lower	Upper
74	100		
59	166.1	97.8	203.0
45	138.8	73.4	152.4
43	33.9	23.5	48.7

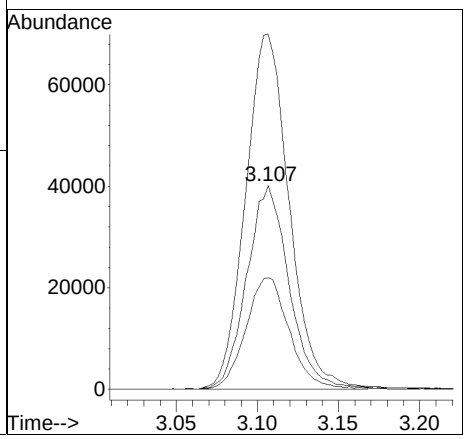


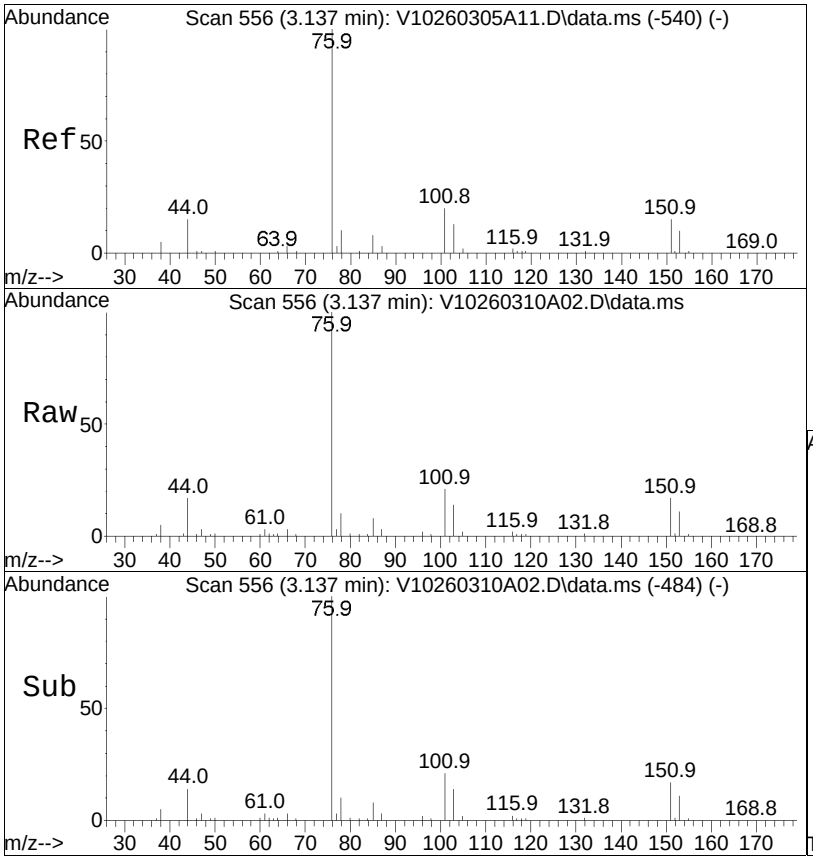


#10
1,1-Dichloroethene
Concen: 40.17 ug/L
RT: 3.107 min Scan# 545
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 96 Resp: 73102

Ion	Ratio	Lower	Upper
96	100		
61	179.9	145.0	217.4
63	56.2	46.8	70.2

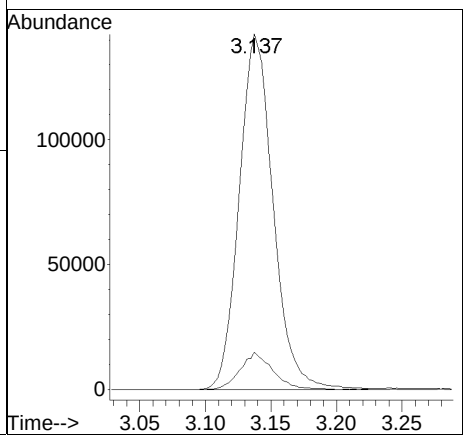


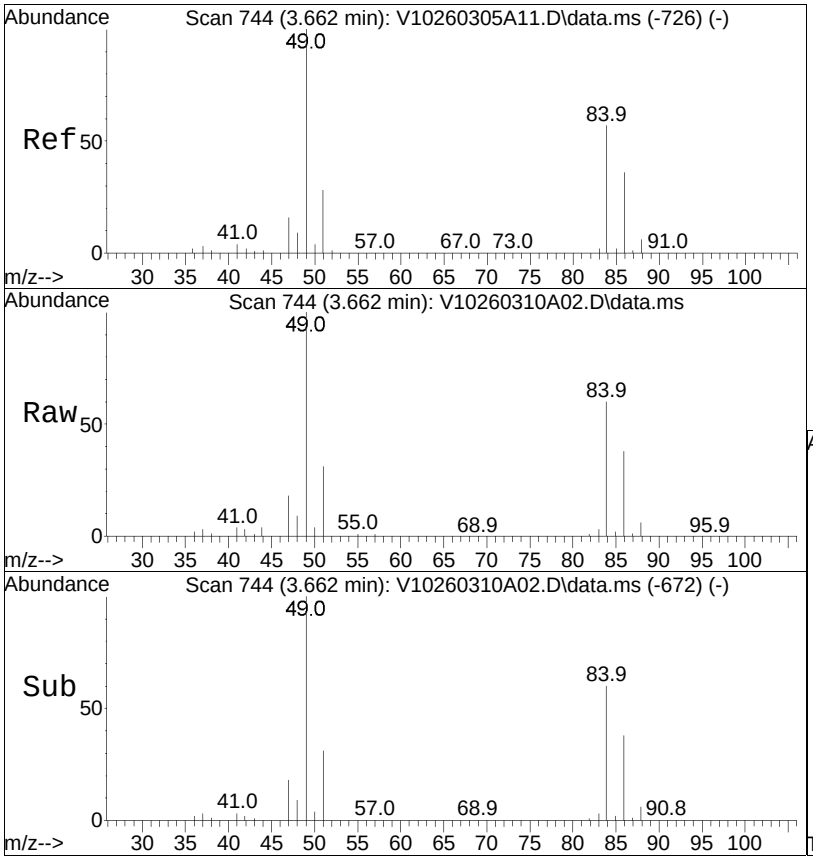


#11
Carbon disulfide
Concen: 41.85 ug/L
RT: 3.137 min Scan# 556
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 76 Resp: 256065

Ion	Ratio	Lower	Upper
76	100		
78	10.0	6.4	13.2

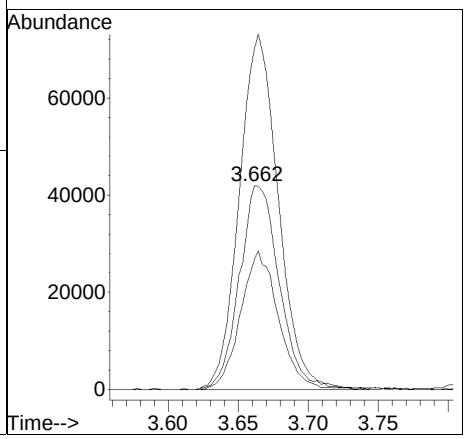


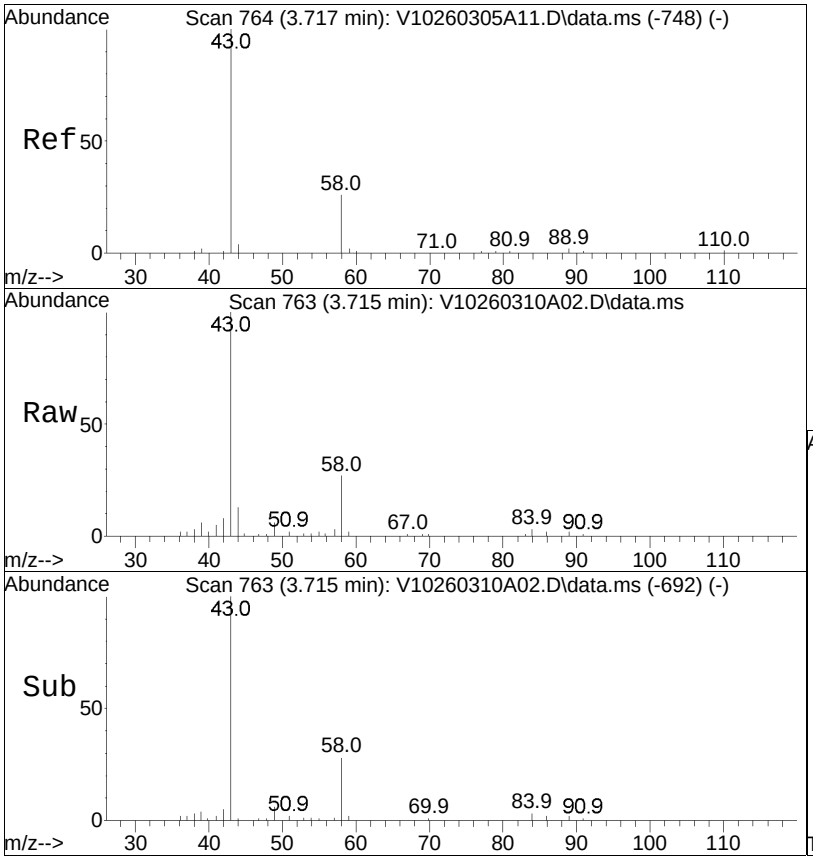


#15
Methylene chloride
Concen: 39.84 ug/L
RT: 3.662 min Scan# 744
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 84 Resp: 83223

Ion	Ratio	Lower	Upper
84	100		
86	64.3	41.5	86.3
49	170.3	99.3	206.1

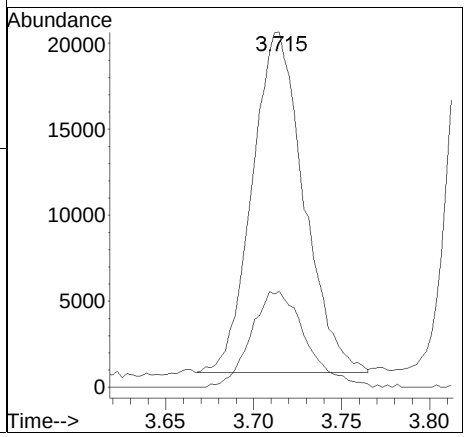


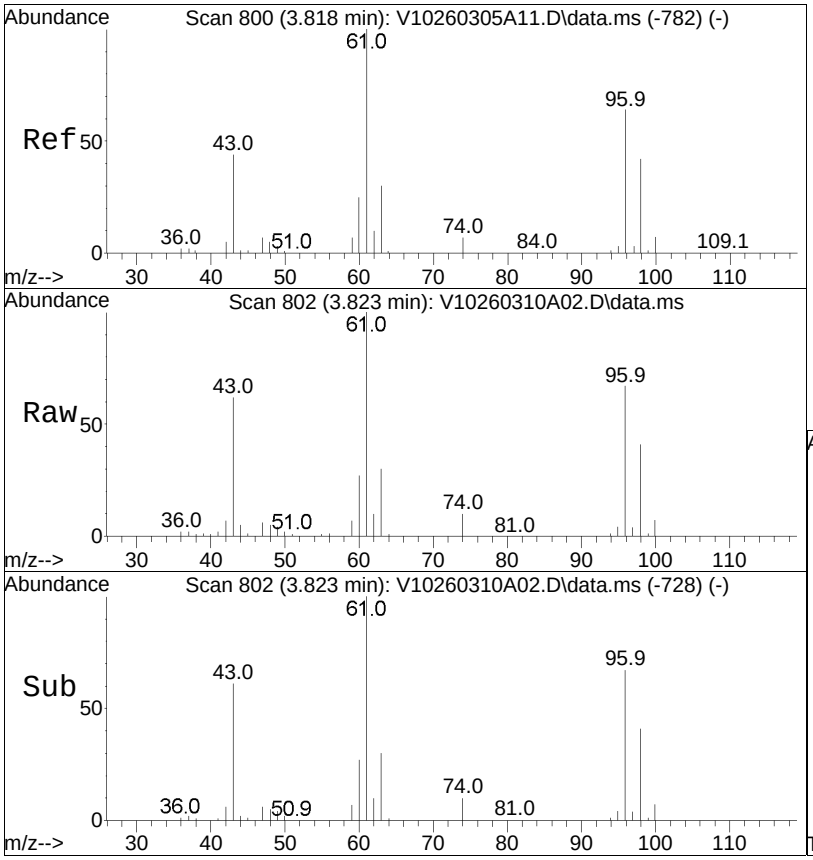


#17
Acetone
Concen: 38.00 ug/L
RT: 3.715 min Scan# 763
Delta R.T. -0.002 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 43 Resp: 40537

Ion	Ratio	Lower	Upper
43	100		
58	29.9	5.0	7.6#

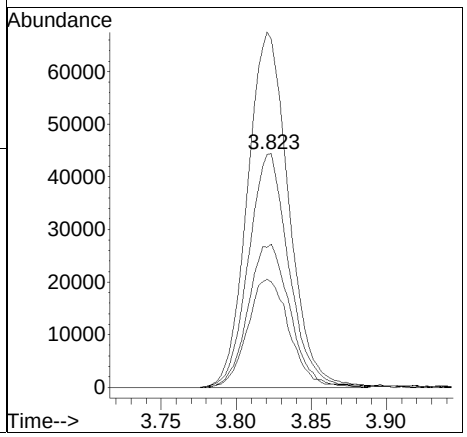


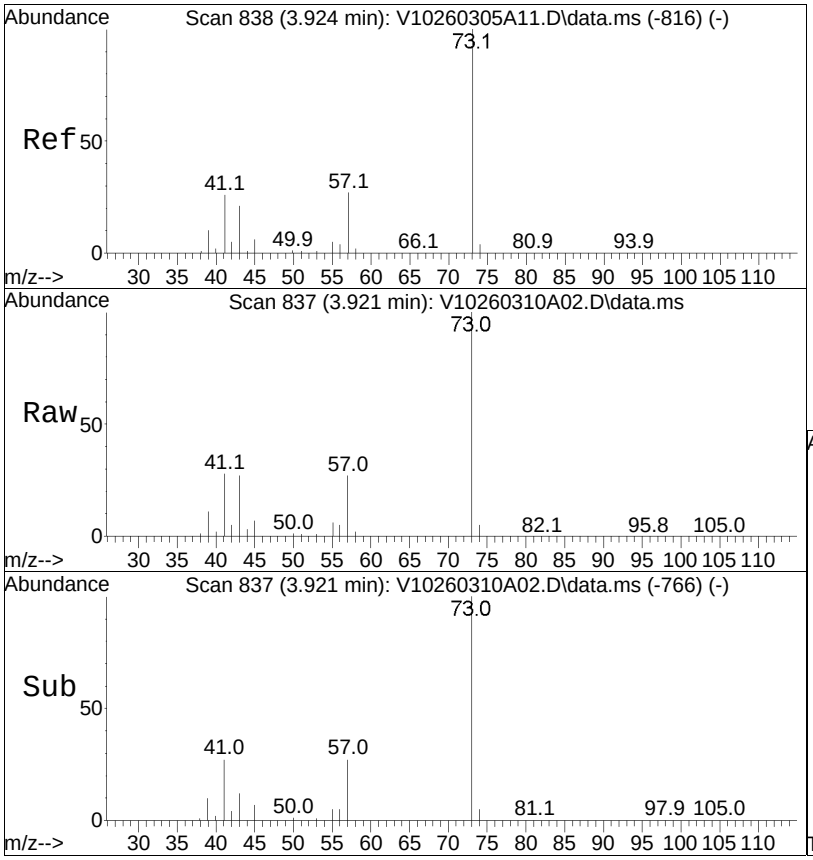


#18
trans-1,2-Dichloroethene
Concen: 36.99 ug/L
RT: 3.823 min Scan# 802
Delta R.T. 0.005 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 96 Resp: 83358

Ion	Ratio	Lower	Upper
96	100		
61	154.2	102.0	211.8
98	63.4	40.9	84.9
63	48.0	32.8	68.2

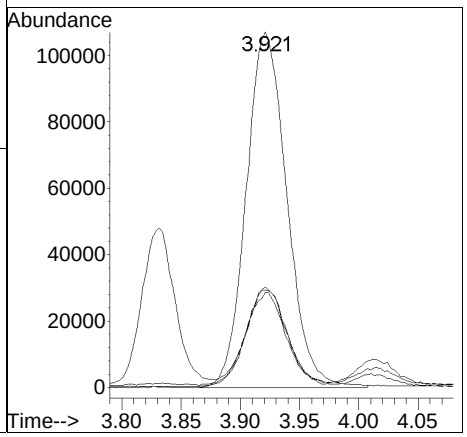


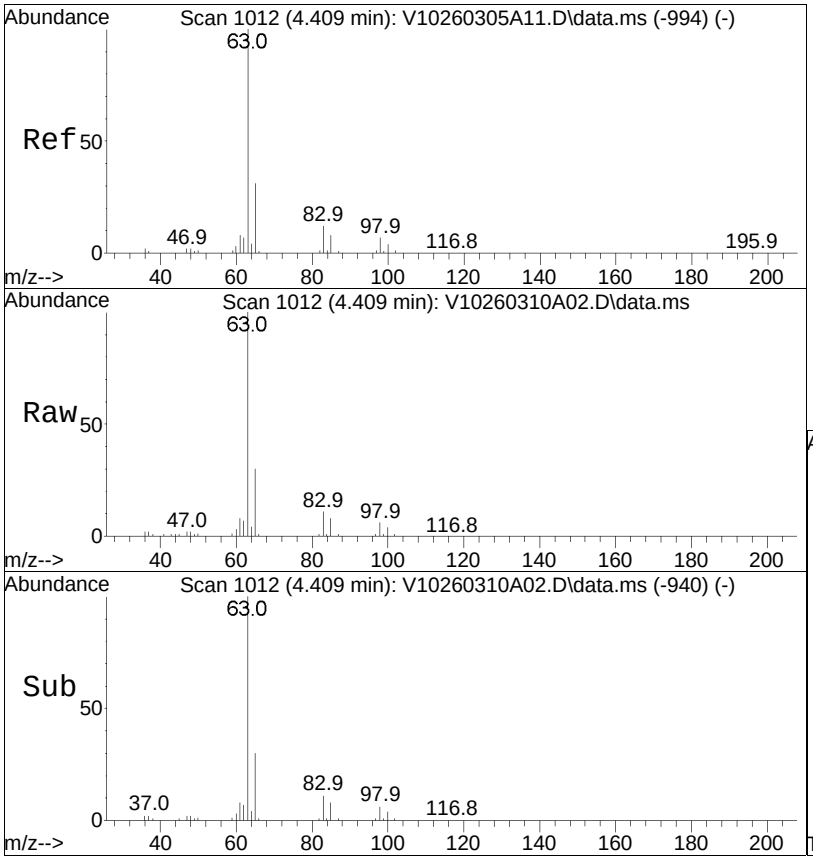


#20
Methyl tert-butyl ether
Concen: 36.40 ug/L
RT: 3.921 min Scan# 837
Delta R.T. -0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 73 Resp: 255356

Ion	Ratio	Lower	Upper
73	100		
57	28.0	15.9	32.9
43	25.4	15.7	32.5
41	27.6	14.8	30.8

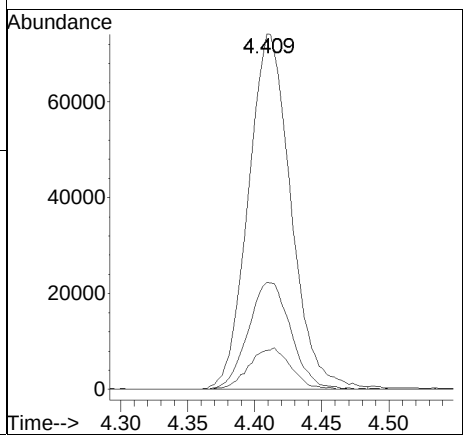


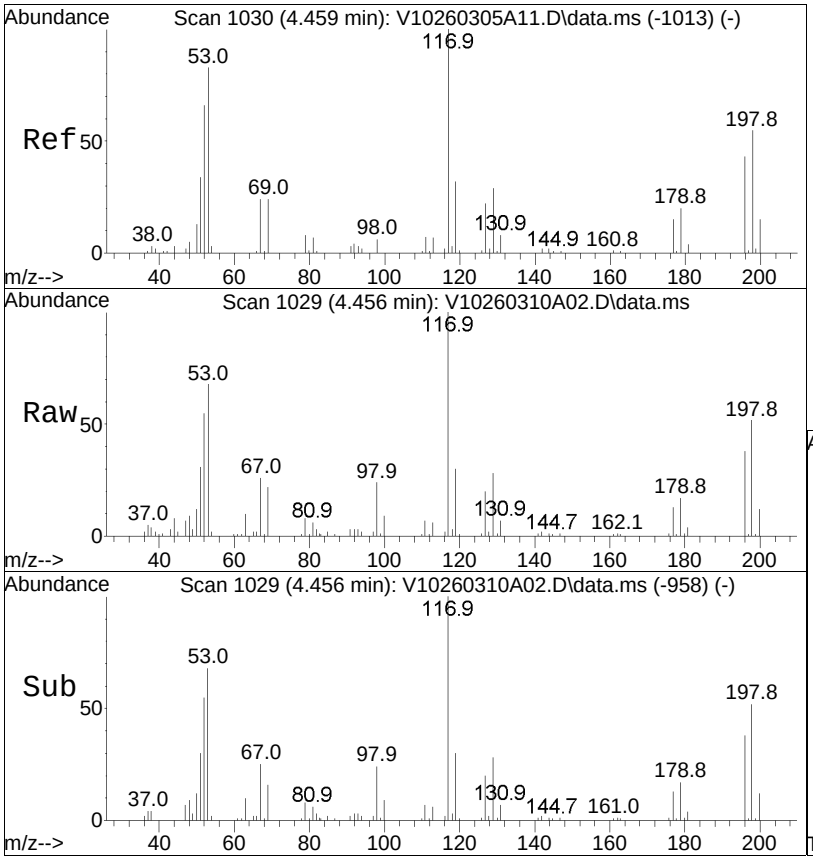


#23
1,1-Dichloroethane
Concen: 38.31 ug/L
RT: 4.409 min Scan# 1012
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 63 Resp: 163947

Ion	Ratio	Lower	Upper
63	100		
65	30.3	11.0	51.0
83	11.5	0.0	32.5

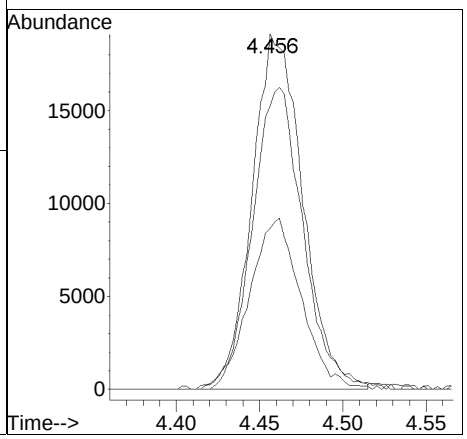


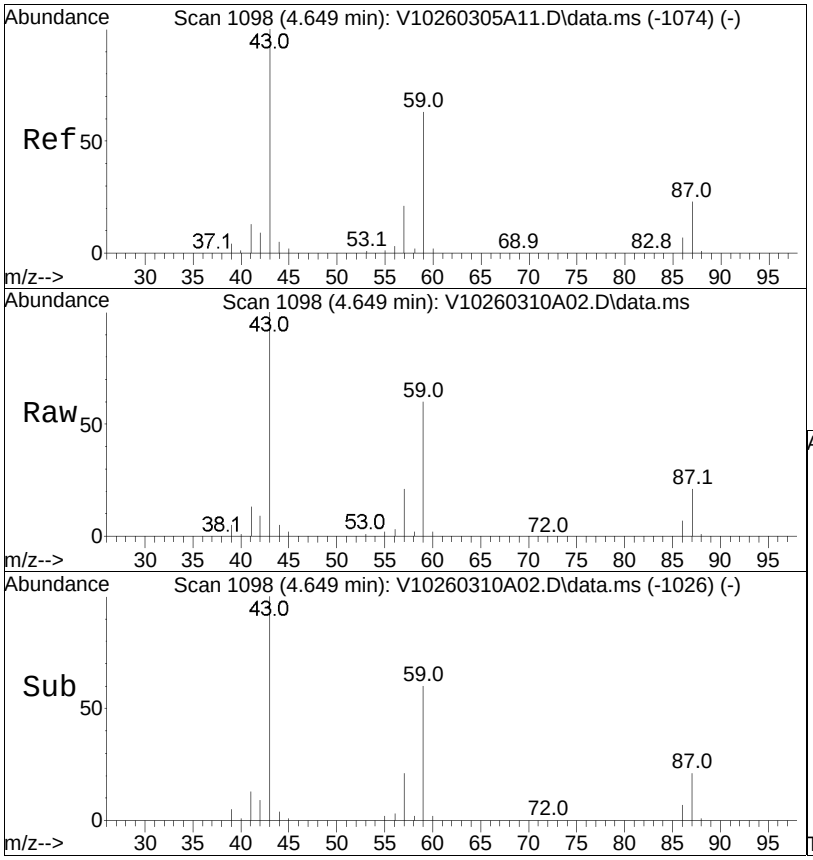


#25
Acrylonitrile
Concen: 34.94 ug/L
RT: 4.456 min Scan# 1029
Delta R.T. -0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 53 Resp: 40594

Ion	Ratio	Lower	Upper
53	100		
52	84.4	64.2	96.4
51	49.4	29.8	44.6#

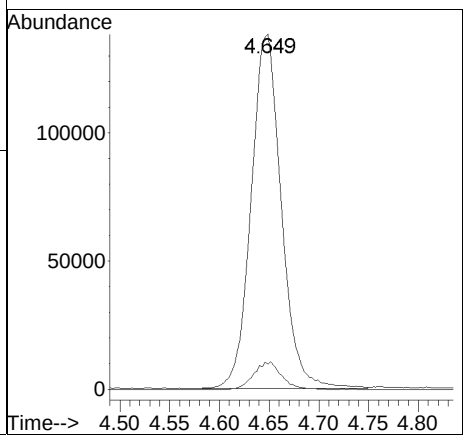


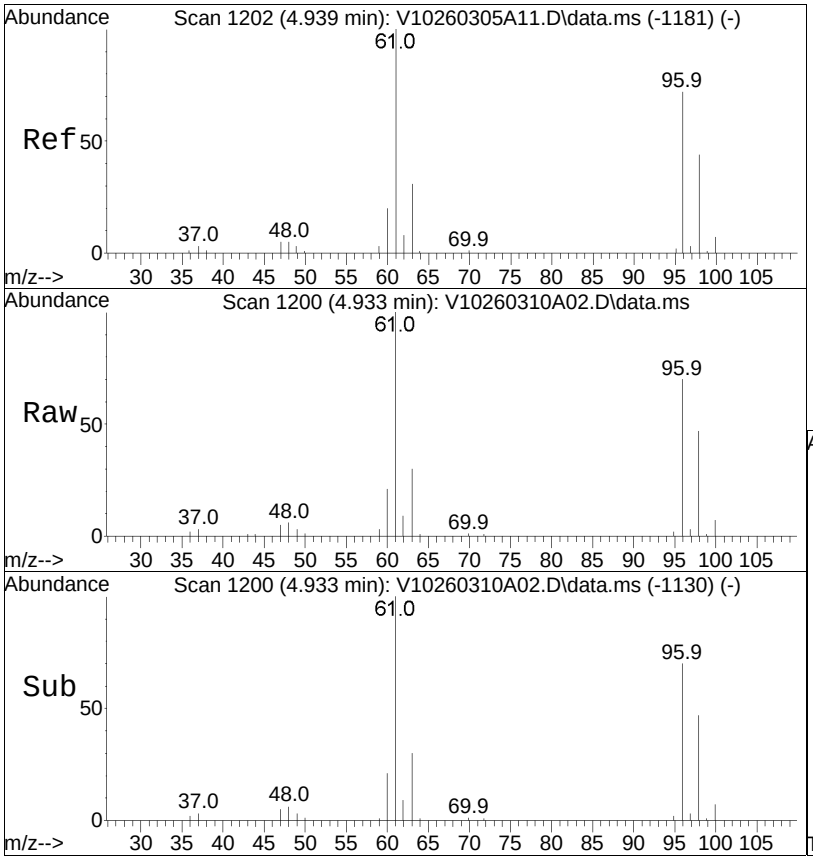


#27
Vinyl acetate
Concen: 38.62 ug/L
RT: 4.649 min Scan# 1098
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 43 Resp: 292963

Ion	Ratio	Lower	Upper
43	100		
86	7.1	7.9	11.9#

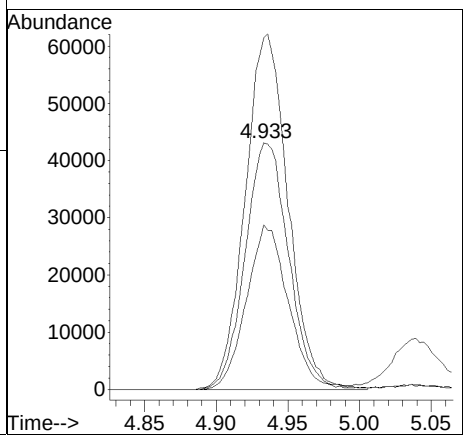


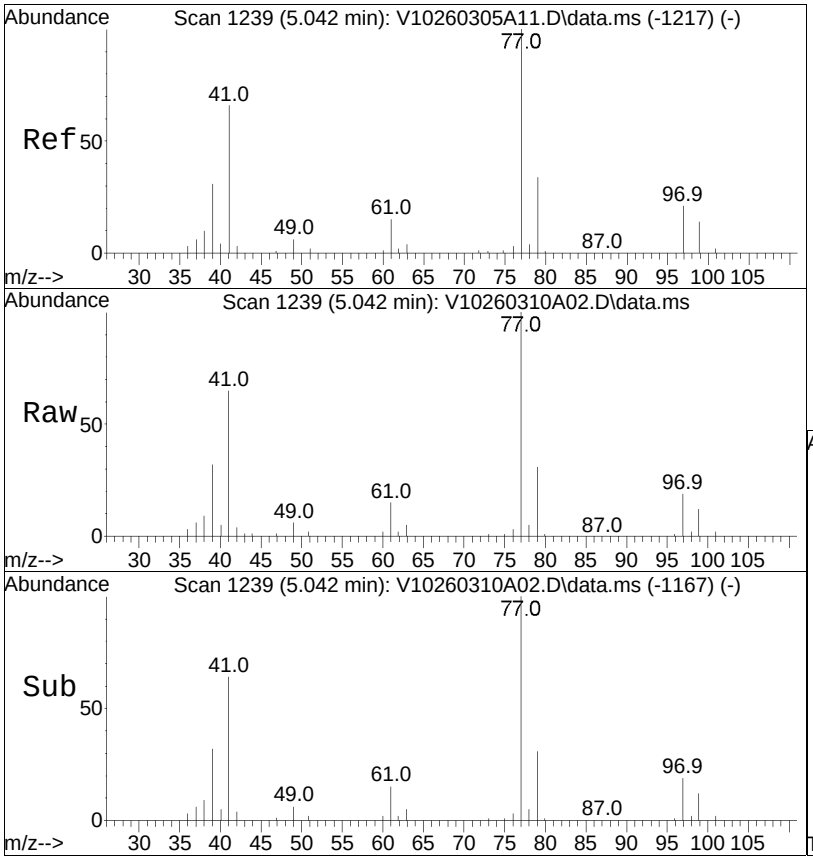


#28
cis-1,2-Dichloroethene
Concen: 36.58 ug/L
RT: 4.933 min Scan# 1200
Delta R.T. -0.006 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 96 Resp: 91205

Ion	Ratio	Lower	Upper
96	100		
61	141.2	101.0	151.4
98	63.9	50.7	76.1

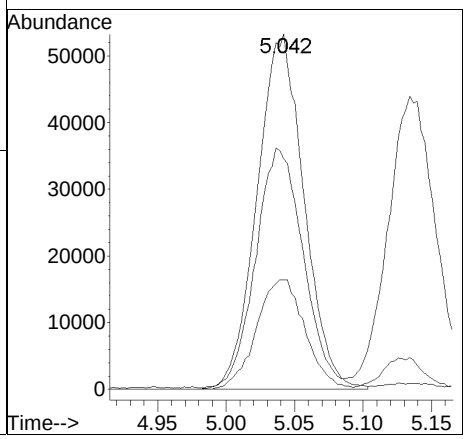


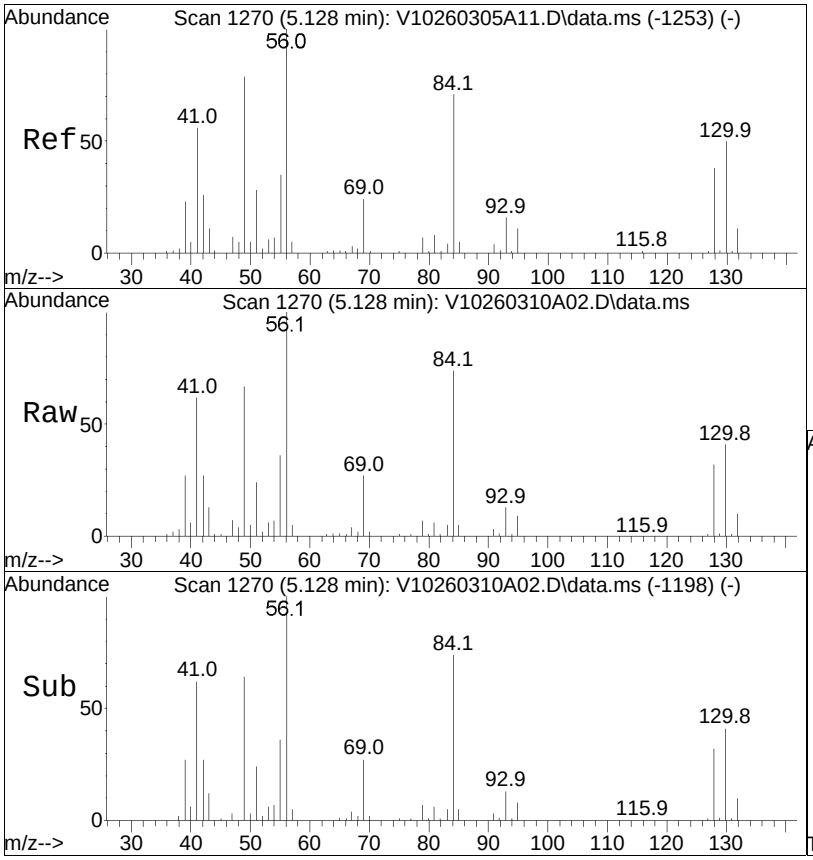


#29
2,2-Dichloropropane
Concen: 39.88 ug/L
RT: 5.042 min Scan# 1239
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 77 Resp: 126634

Ion	Ratio	Lower	Upper
77	100		
41	68.6	42.1	87.5
79	32.1	21.1	43.9

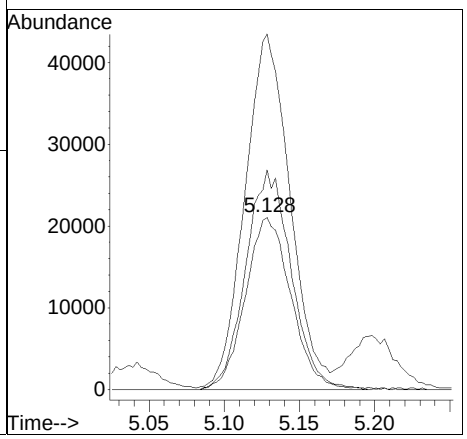


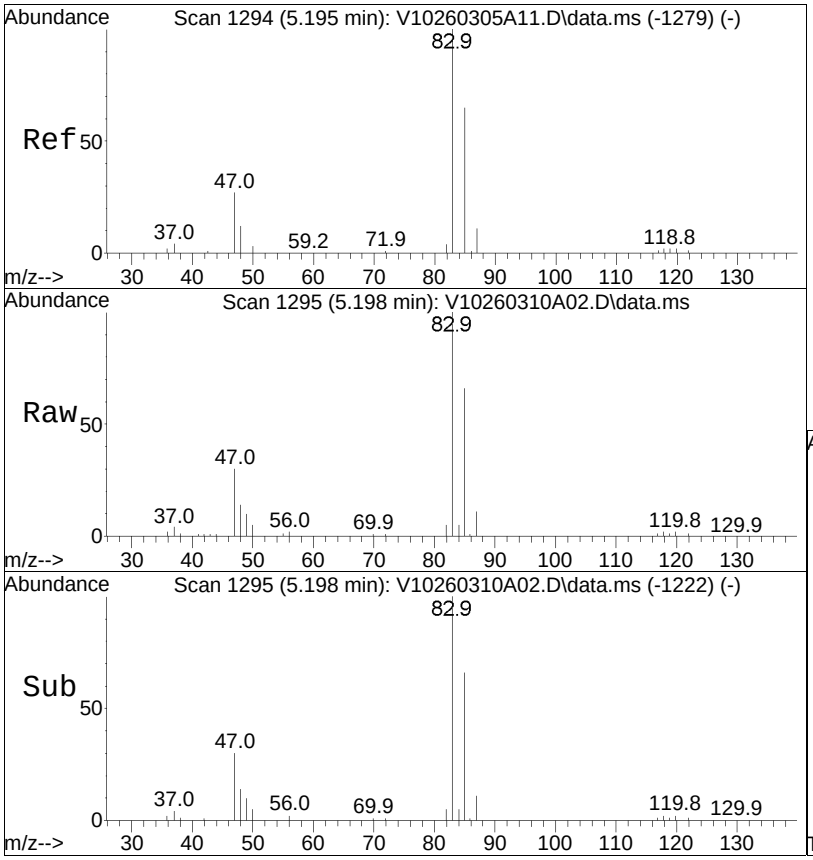


#30
Bromochloromethane
Concen: 37.16 ug/L
RT: 5.128 min Scan# 1270
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:128 Resp: 44340

Ion	Ratio	Lower	Upper
128	100		
49	204.6	145.7	218.5
130	127.2	101.9	152.9

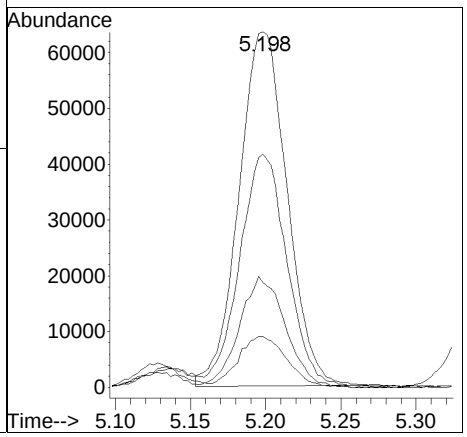


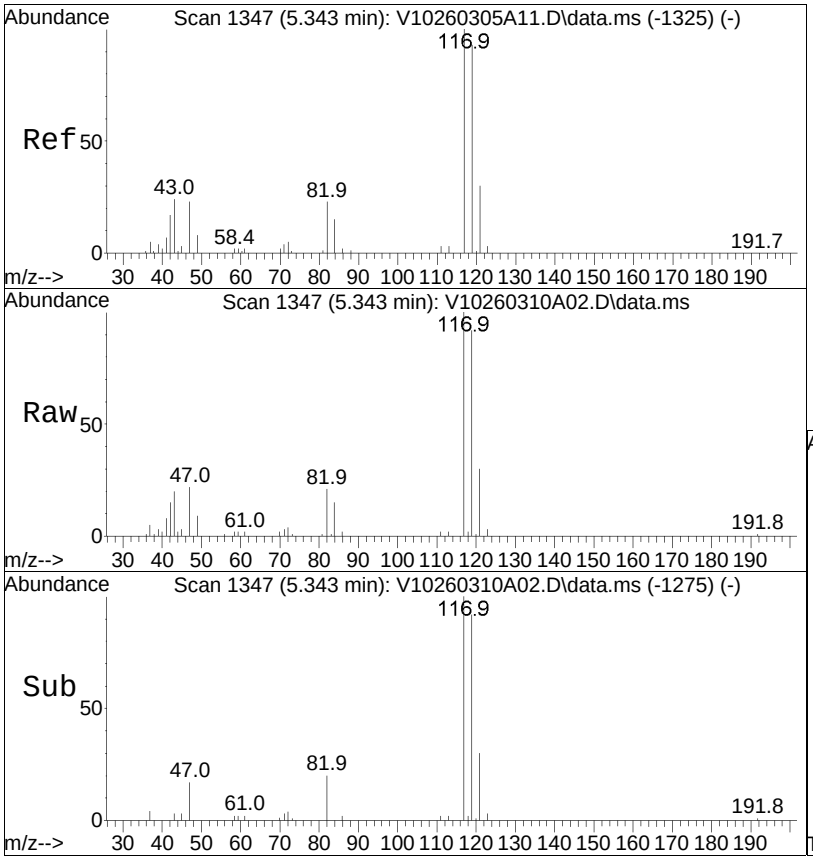


#32
Chloroform
Concen: 35.40 ug/L
RT: 5.198 min Scan# 1295
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 83 Resp: 141293

Ion	Ratio	Lower	Upper
83	100		
85	64.6	41.9	87.1
47	30.1	18.4	38.2
48	14.8	9.4	19.4

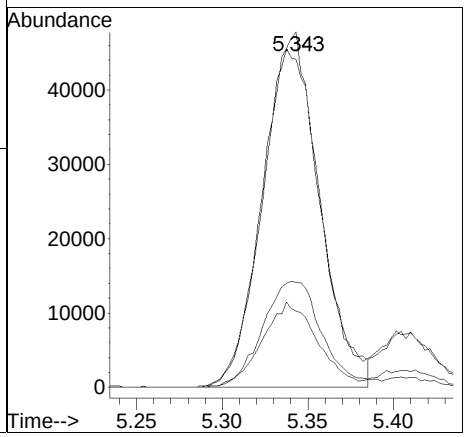


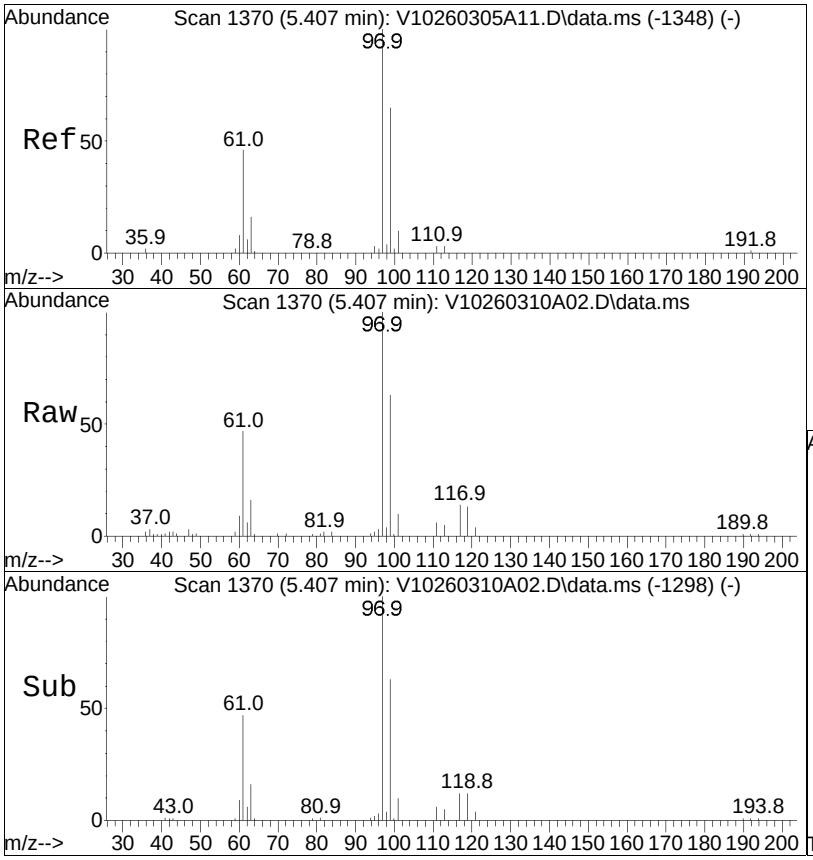


#34
Carbon tetrachloride
Concen: 42.61 ug/L
RT: 5.343 min Scan# 1347
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:117 Resp: 110299

Ion	Ratio	Lower	Upper
117	100		
119	97.2	62.9	130.5
121	31.2	19.1	39.7
82	23.6	16.3	33.9

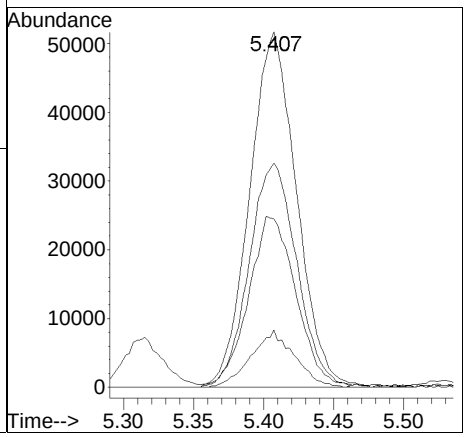


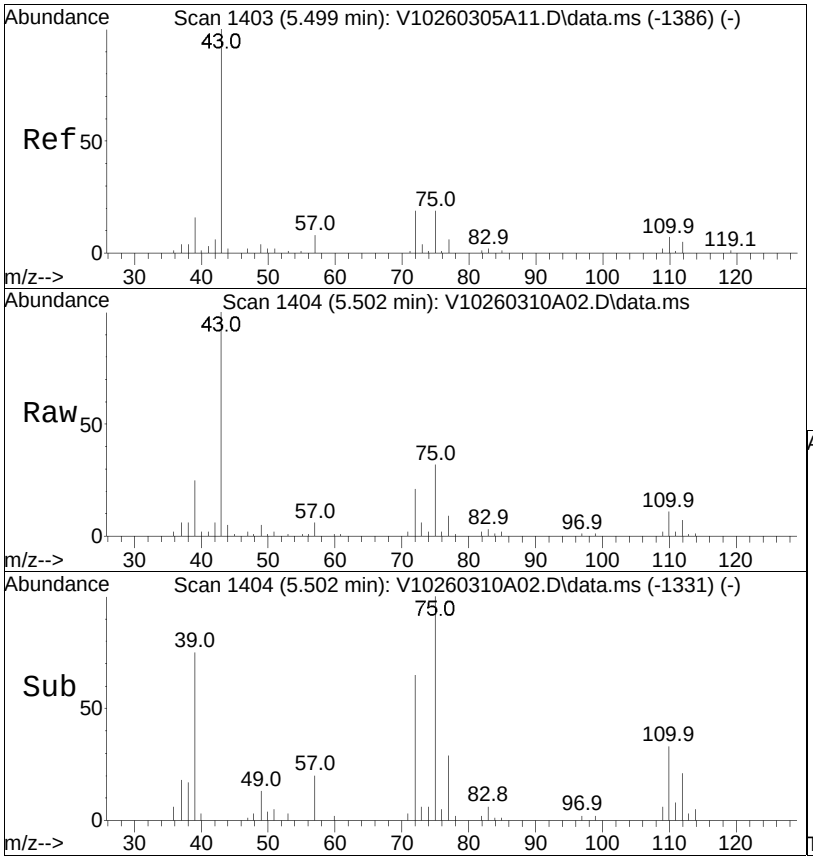


#37
1,1,1-Trichloroethane
Concen: 36.88 ug/L
RT: 5.407 min Scan# 1370
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 97 Resp: 120682

Ion	Ratio	Lower	Upper
97	100		
99	64.2	41.7	86.5
61	47.6	30.1	62.5
63	14.9	9.9	20.5

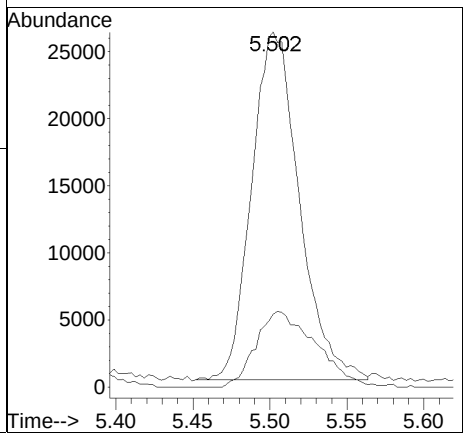


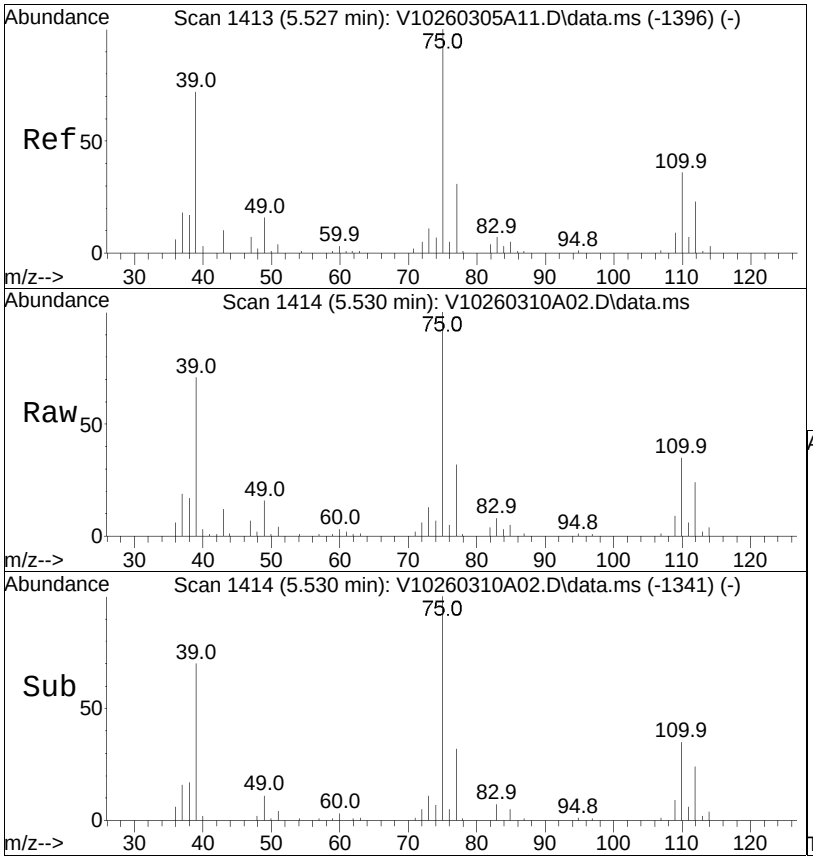


#39
2-Butanone
Concen: 35.43 ug/L
RT: 5.502 min Scan# 1404
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 43 Resp: 55868

Ion	Ratio	Lower	Upper
43	100		
72	27.5	113.1	169.7#

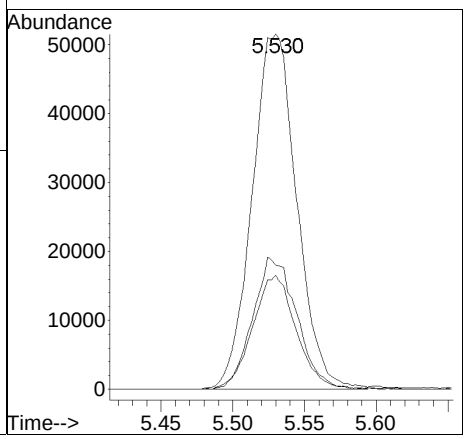


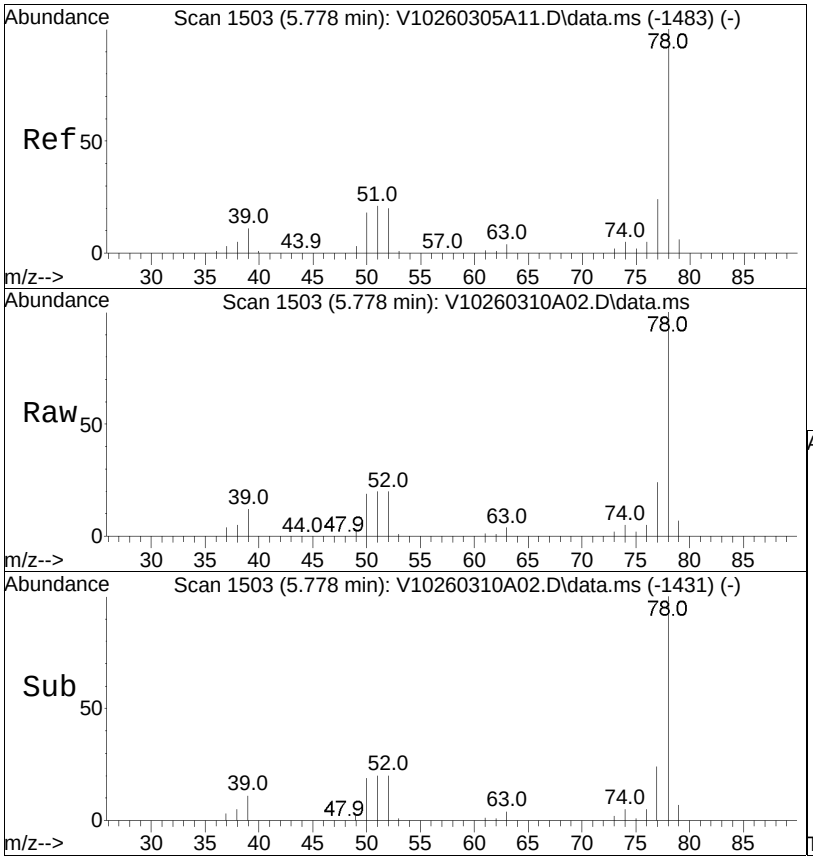


#40
1,1-Dichloropropene
Concen: 42.59 ug/L
RT: 5.530 min Scan# 1414
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 75 Resp: 111985

Ion	Ratio	Lower	Upper
75	100		
110	36.5	21.6	45.0
77	31.1	20.4	42.4

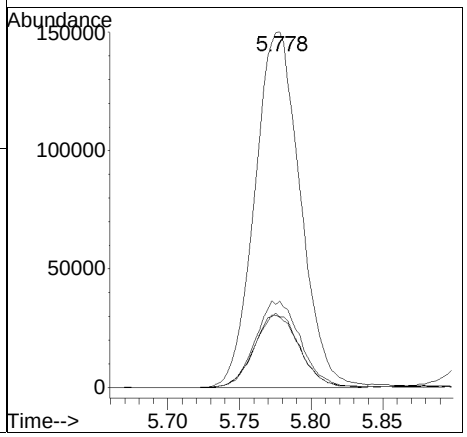


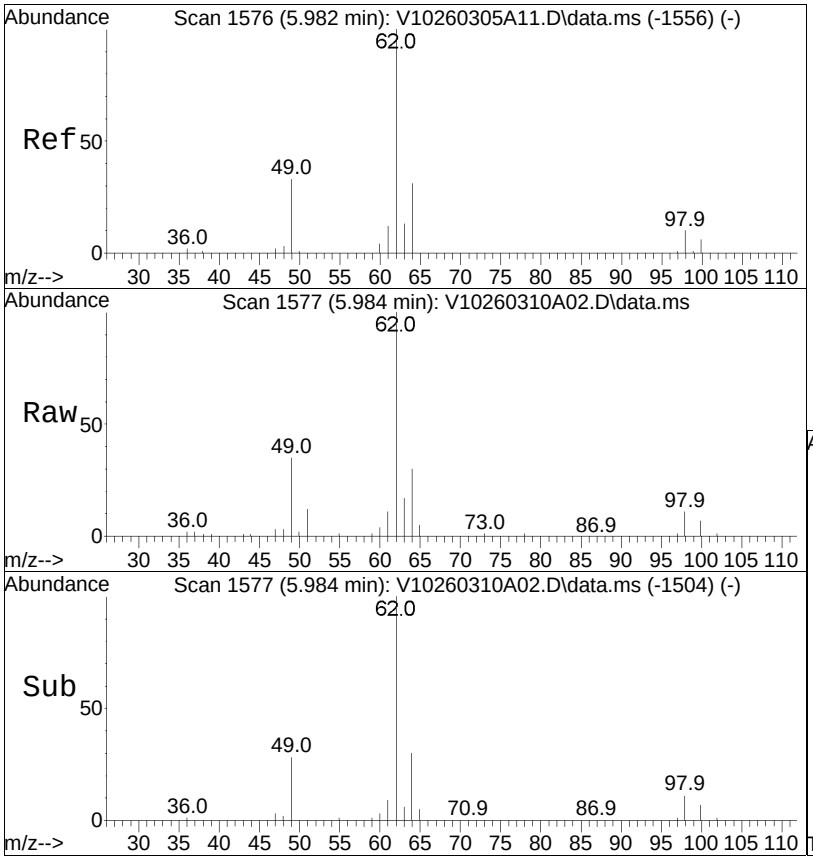


#41
Benzene
Concen: 38.14 ug/L
RT: 5.778 min Scan# 1503
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 78 Resp: 330253

Ion	Ratio	Lower	Upper
78	100		
77	24.3	16.1	33.5
51	20.5	11.8	24.6
52	20.4	11.0	22.8

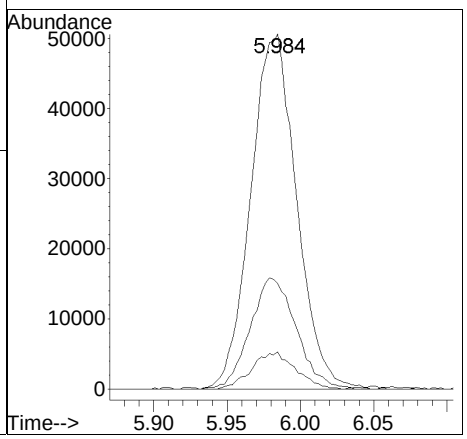


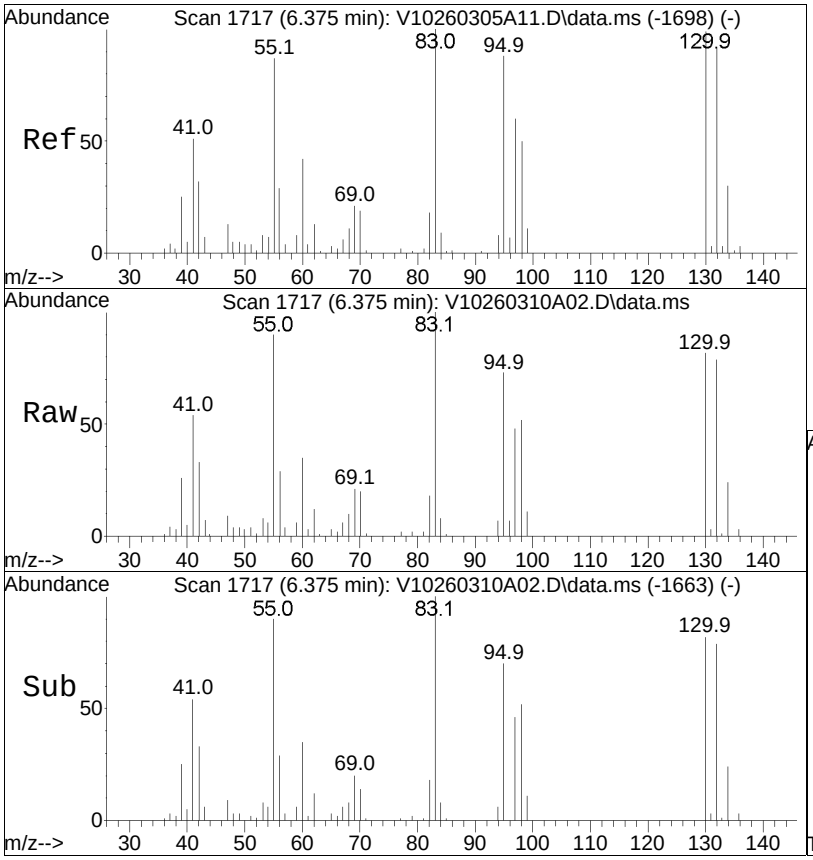


#44
1,2-Dichloroethane
Concen: 36.69 ug/L
RT: 5.984 min Scan# 1577
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 62 Resp: 110071

Ion	Ratio	Lower	Upper
62	100		
64	31.8	12.3	52.3
98	10.2	0.0	29.5

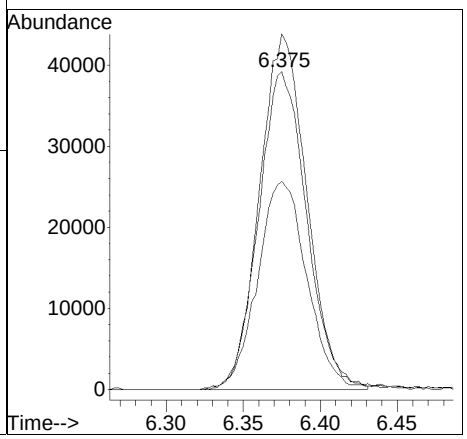


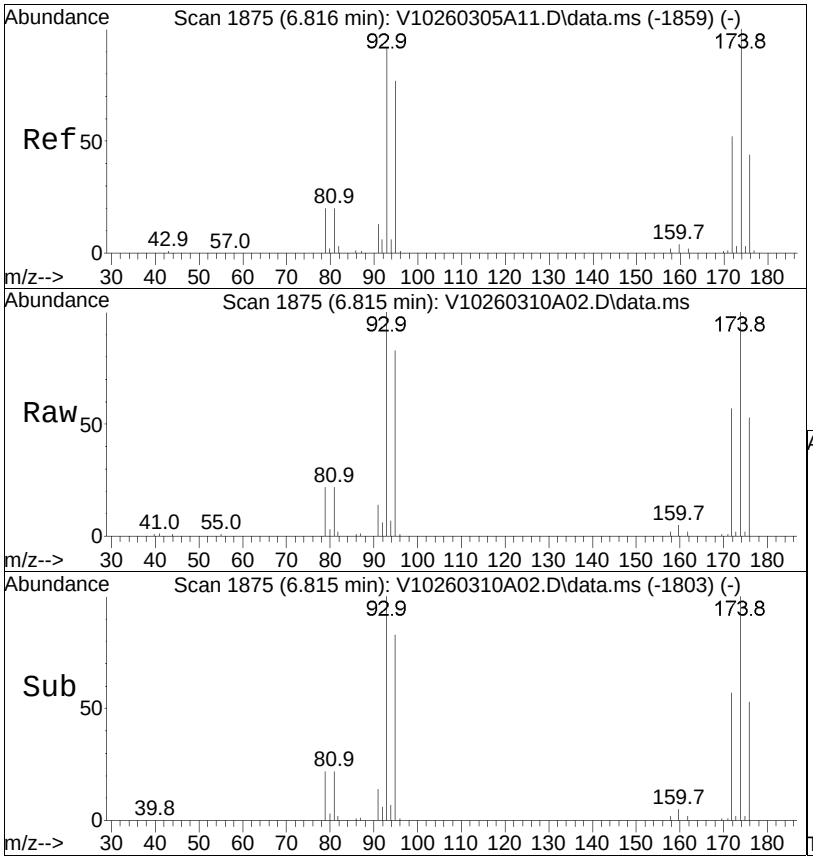


#48
Trichloroethene
Concen: 40.18 ug/L
RT: 6.375 min Scan# 1717
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 95 Resp: 85155

Ion	Ratio	Lower	Upper
95	100		
97	67.5	53.3	79.9
130	110.1	80.7	121.1

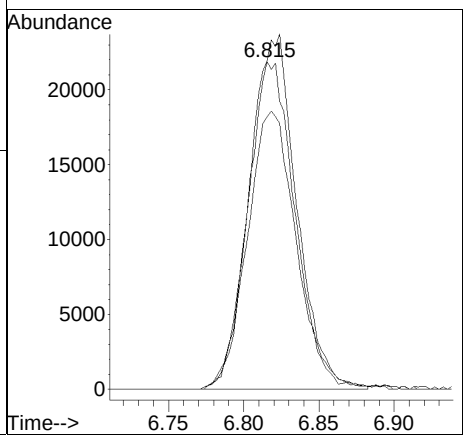


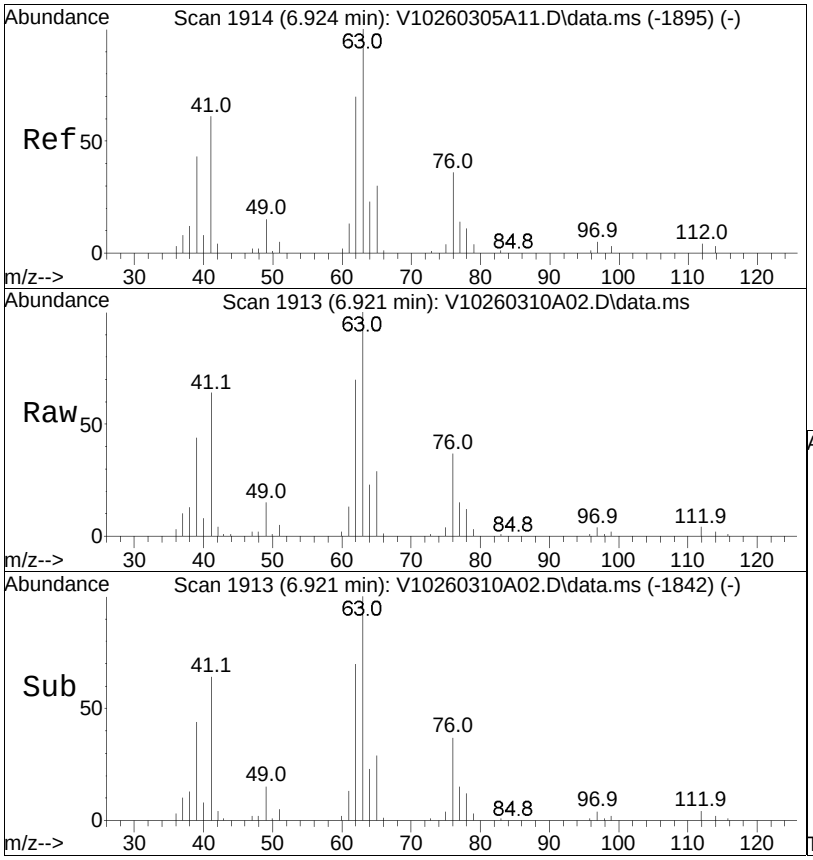


#50
Dibromomethane
Concen: 35.51 ug/L
RT: 6.815 min Scan# 1875
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 93 Resp: 48373

Ion	Ratio	Lower	Upper
93	100		
95	85.8	65.8	98.6
174	107.8	69.0	103.4#

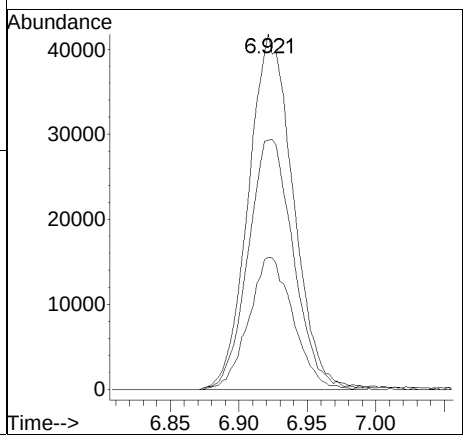


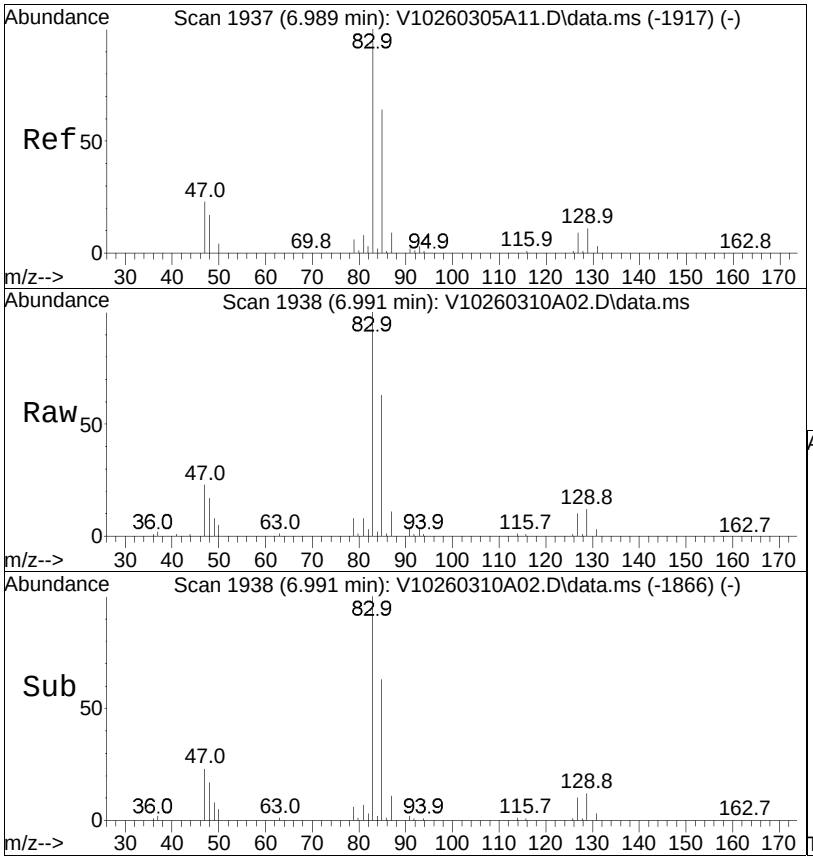


#51
1,2-Dichloropropane
Concen: 37.77 ug/L
RT: 6.921 min Scan# 1913
Delta R.T. -0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 63 Resp: 94981

Ion	Ratio	Lower	Upper
63	100		
62	71.2	56.2	84.2
76	36.9	33.0	49.4

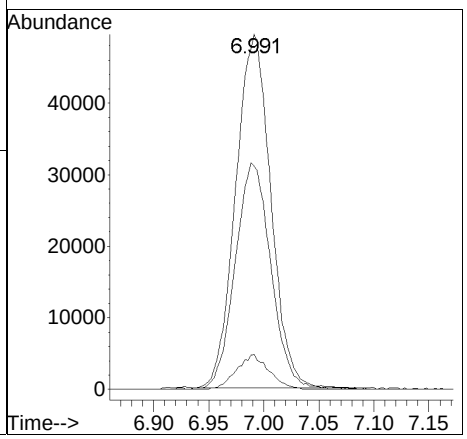


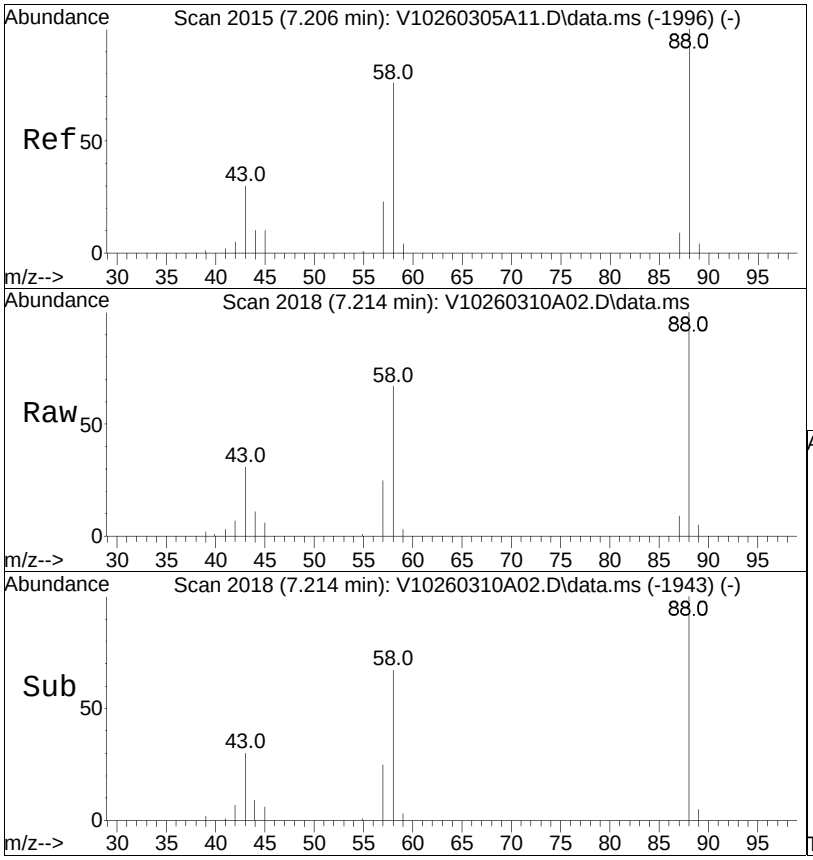


#54
Bromodichloromethane
Concen: 37.54 ug/L
RT: 6.991 min Scan# 1938
Delta R.T. 0.002 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 83 Resp: 110055

Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.9	76.3
127	9.1	6.3	9.5

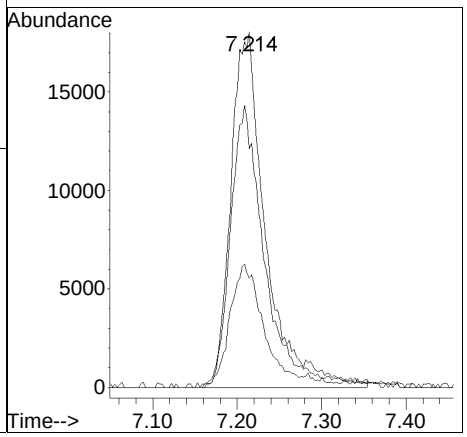


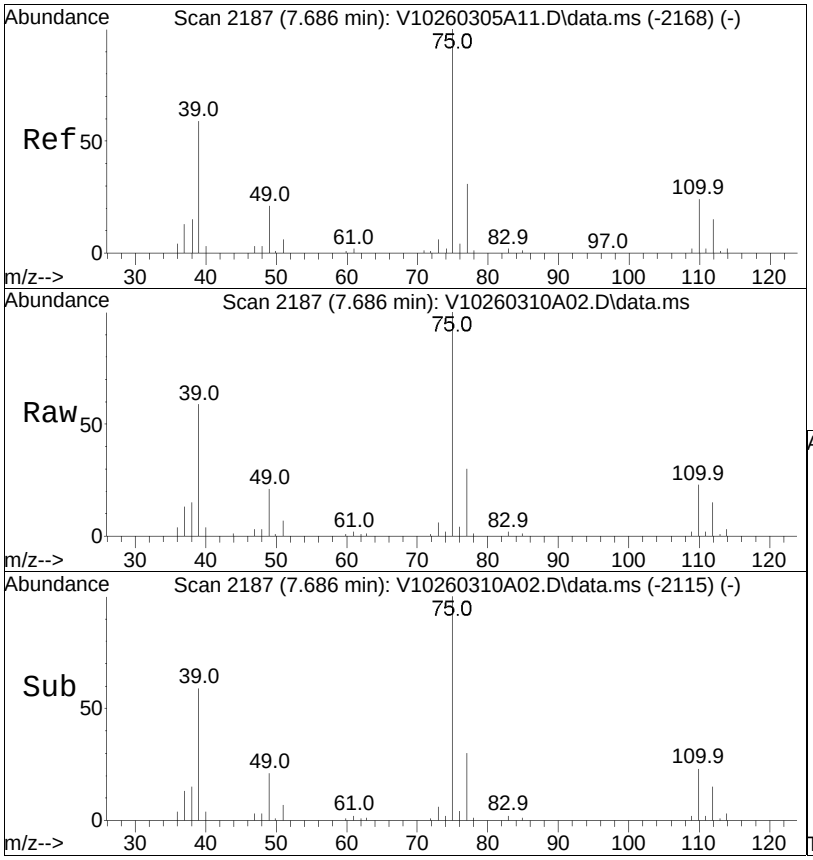


#57
1,4-Dioxane
Concen: 1780.47 ug/L M1
RT: 7.214 min Scan# 2018
Delta R.T. 0.008 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 88 Resp: 51555

Ion	Ratio	Lower	Upper
88	100		
58	76.1	55.4	83.0
43	34.0	24.7	37.1

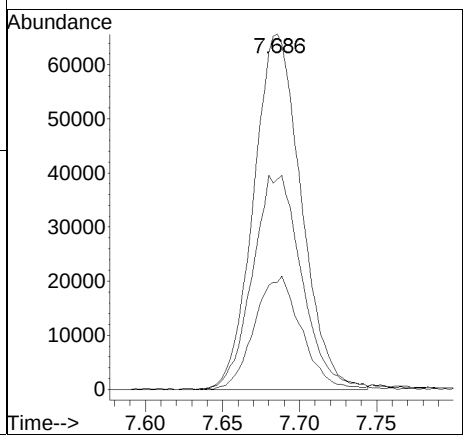


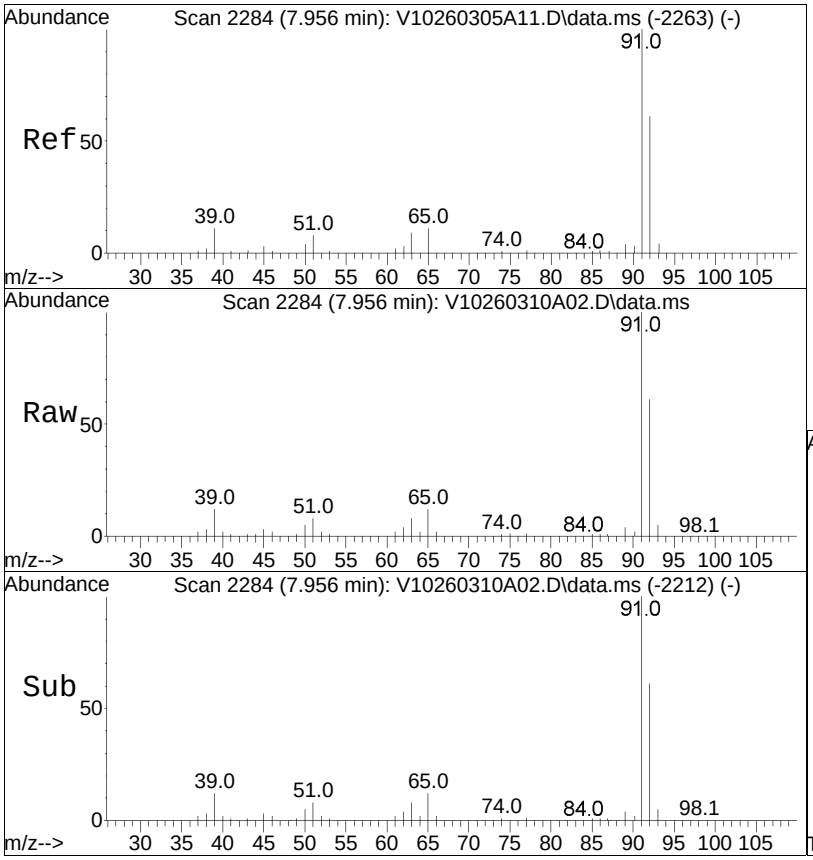


#58
cis-1,3-Dichloropropene
Concen: 37.62 ug/L
RT: 7.686 min Scan# 2187
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 75 Resp: 141199

Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.2	36.4
39	63.0	45.8	68.8

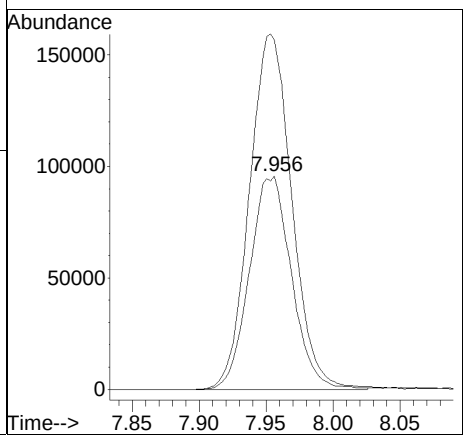


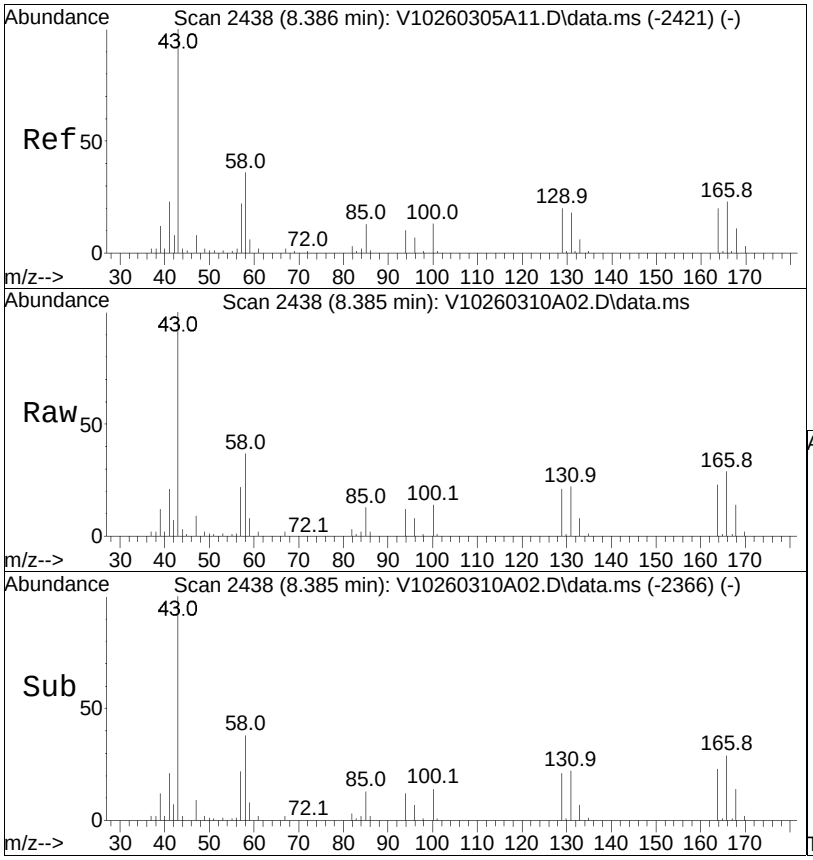


#61
Toluene
Concen: 41.72 ug/L
RT: 7.956 min Scan# 2284
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 92 Resp: 208572

Ion	Ratio	Lower	Upper
92	100		
91	167.7	134.9	202.3

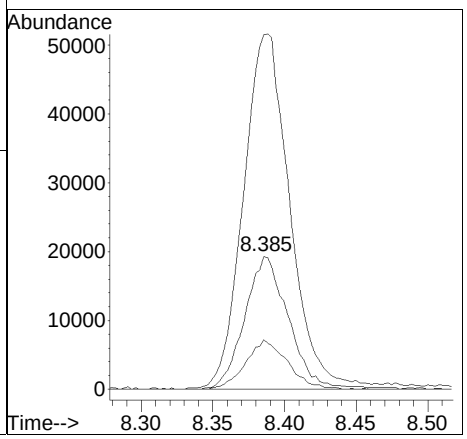


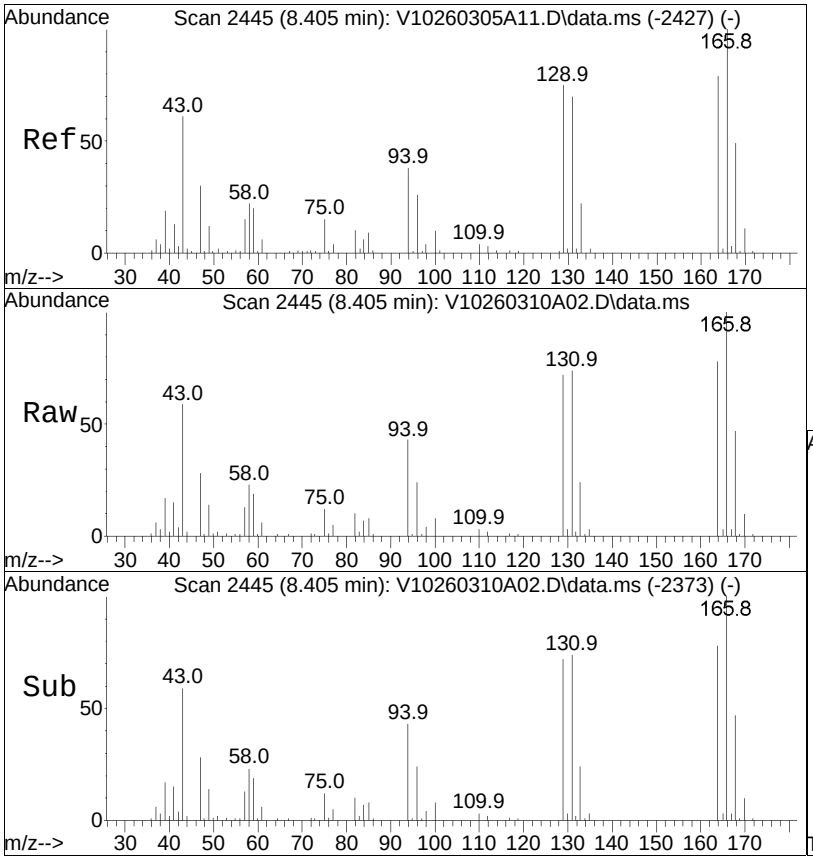


#62
4-Methyl-2-pentanone
Concen: 40.25 ug/L
RT: 8.385 min Scan# 2438
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 58 Resp: 41008

Ion	Ratio	Lower	Upper
58	100		
100	35.8	32.3	48.5
43	283.2	207.4	311.0

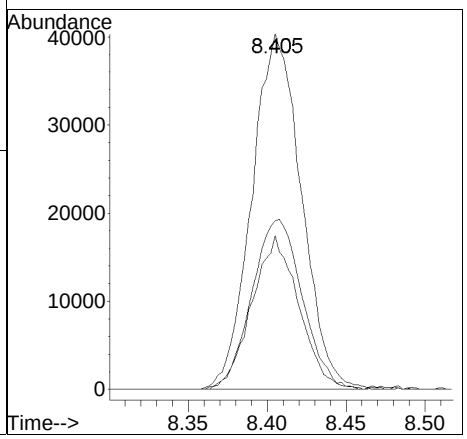


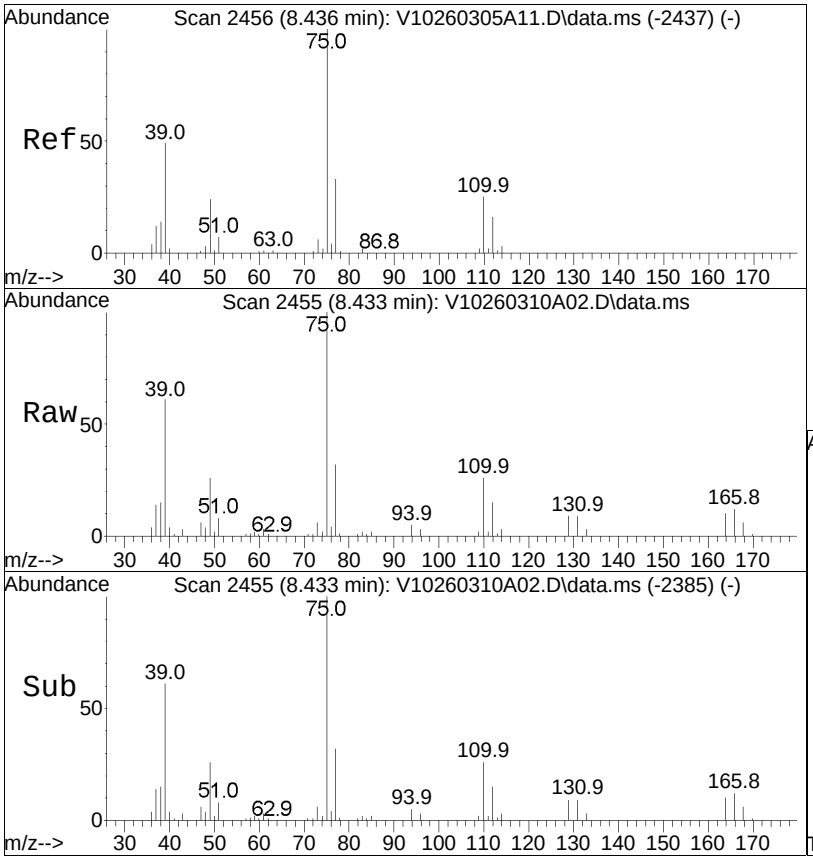


#63
Tetrachloroethene
Concen: 45.39 ug/L
RT: 8.405 min Scan# 2445
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:166 Resp: 88106

Ion	Ratio	Lower	Upper
166	100		
168	48.6	26.7	66.7
94	40.8	24.4	64.4

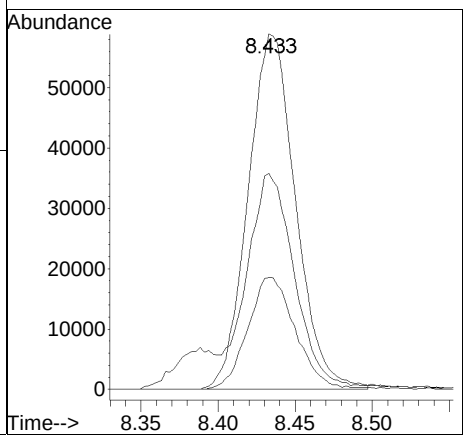


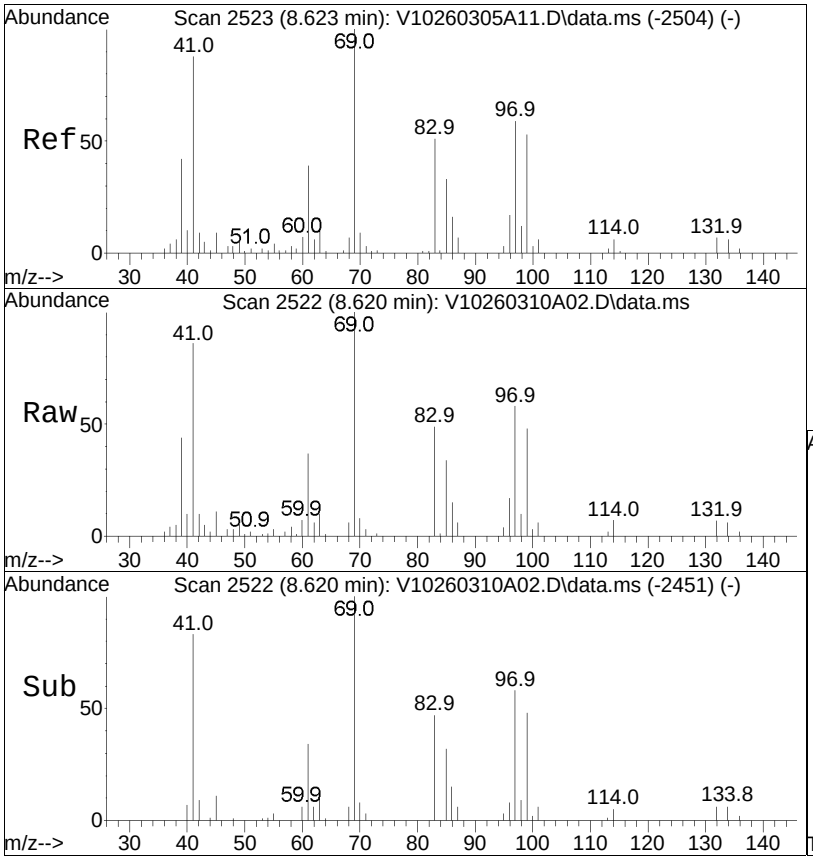


#65
trans-1,3-Dichloropropene
Concen: 41.60 ug/L
RT: 8.433 min Scan# 2455
Delta R.T. -0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 75 Resp: 126274

Ion	Ratio	Lower	Upper
75	100		
77	31.7	11.0	51.0
39	58.8	38.3	78.3

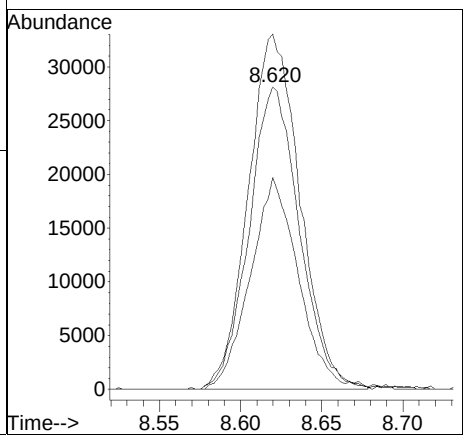


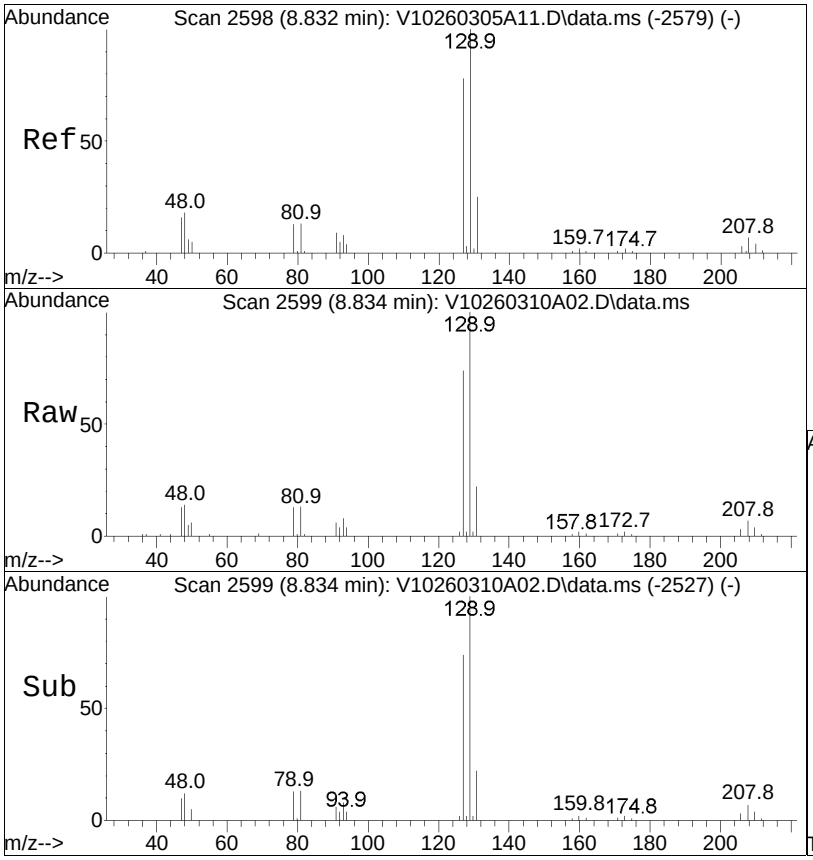


#68
1,1,2-Trichloroethane
Concen: 37.41 ug/L
RT: 8.620 min Scan# 2522
Delta R.T. -0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 83 Resp: 60881

Ion	Ratio	Lower	Upper
83	100		
97	120.8	103.5	143.5
85	66.9	49.8	89.8

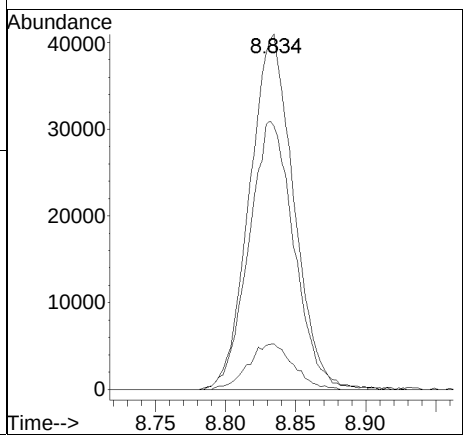


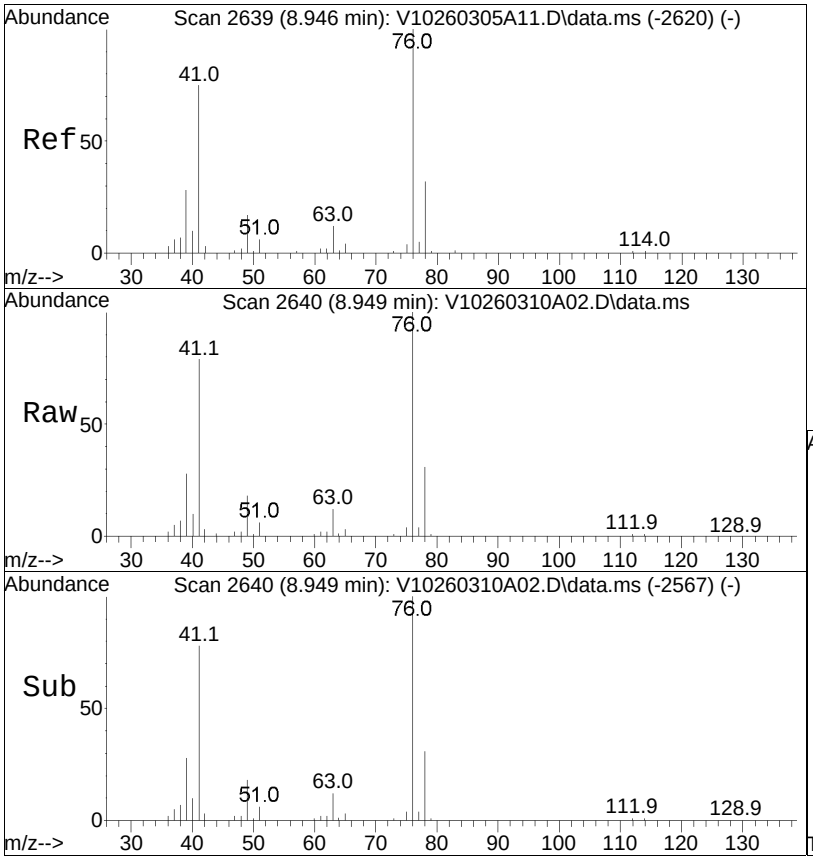


#69
Chlorodibromomethane
Concen: 40.80 ug/L
RT: 8.834 min Scan# 2599
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:129 Resp: 89644

Ion	Ratio	Lower	Upper
129	100		
81	13.1	0.0	38.1
127	77.4	56.5	96.5

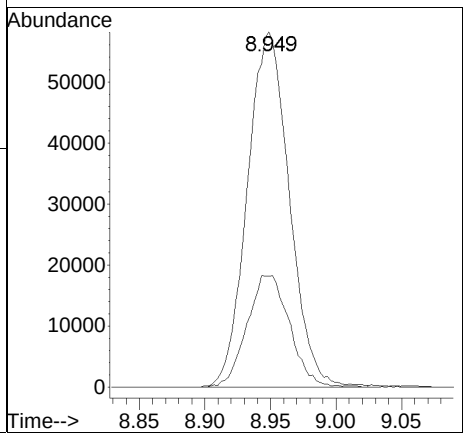


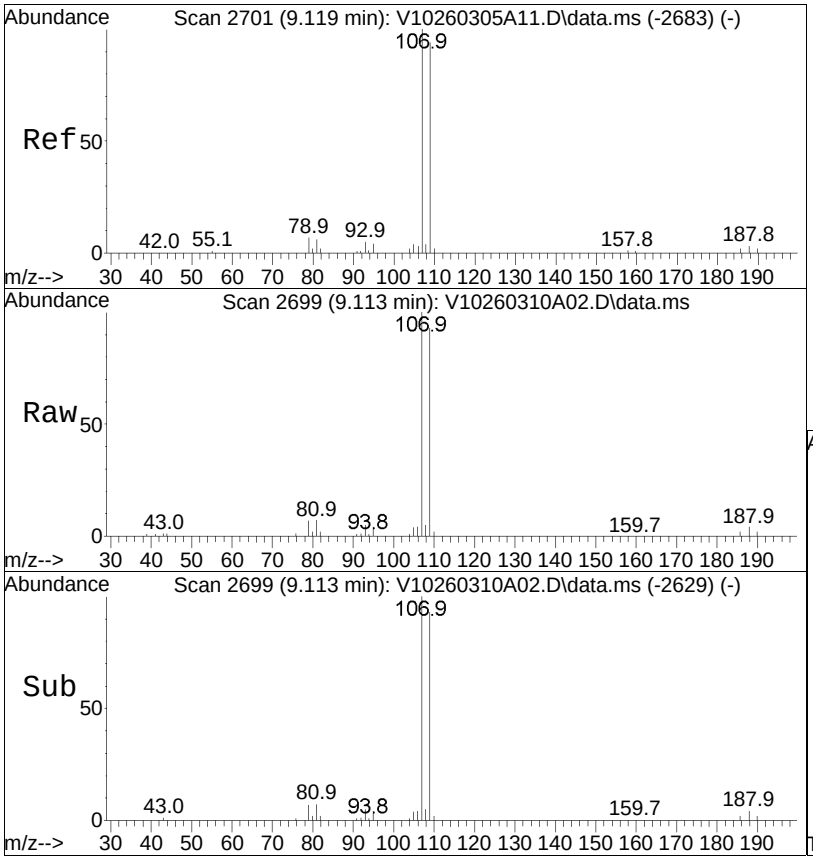


#70
1,3-Dichloropropane
Concen: 41.04 ug/L
RT: 8.949 min Scan# 2640
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 76 Resp: 129919

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.8

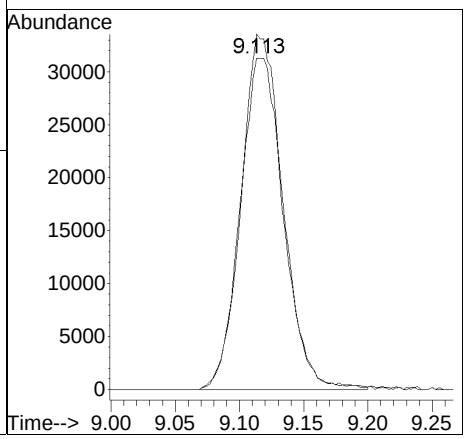


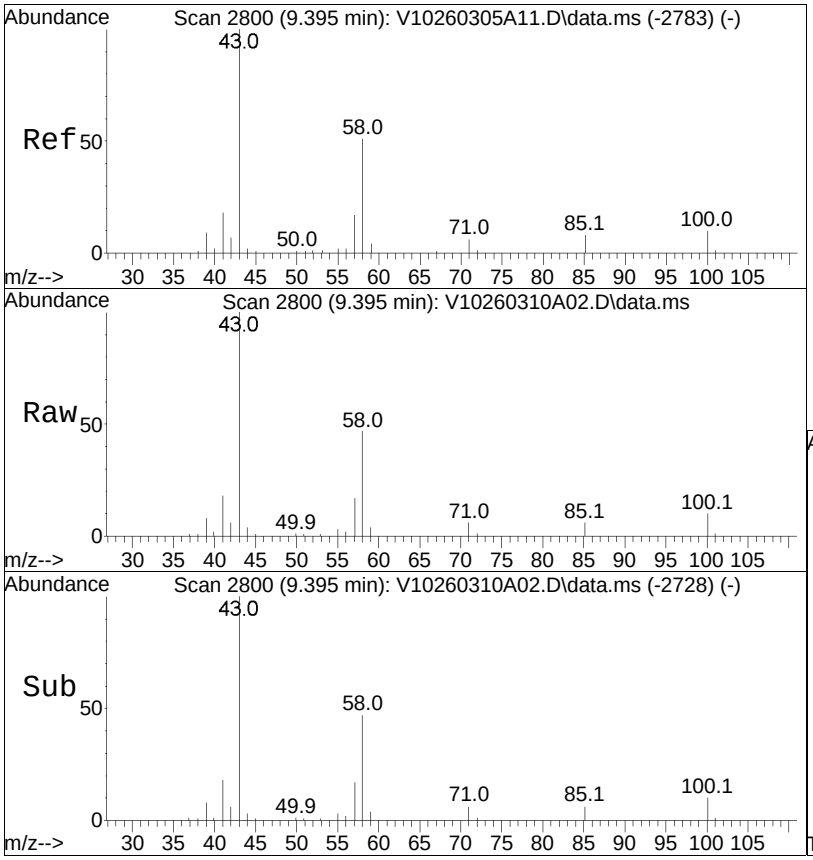


#71
1,2-Dibromoethane
Concen: 42.87 ug/L
RT: 9.113 min Scan# 2699
Delta R.T. -0.006 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:107 Resp: 76674

Ion	Ratio	Lower	Upper
107	100		
109	94.3	76.8	115.2

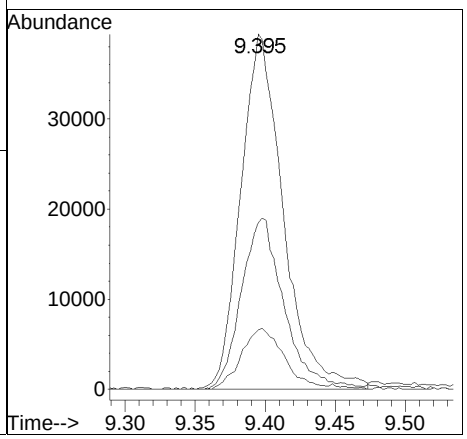


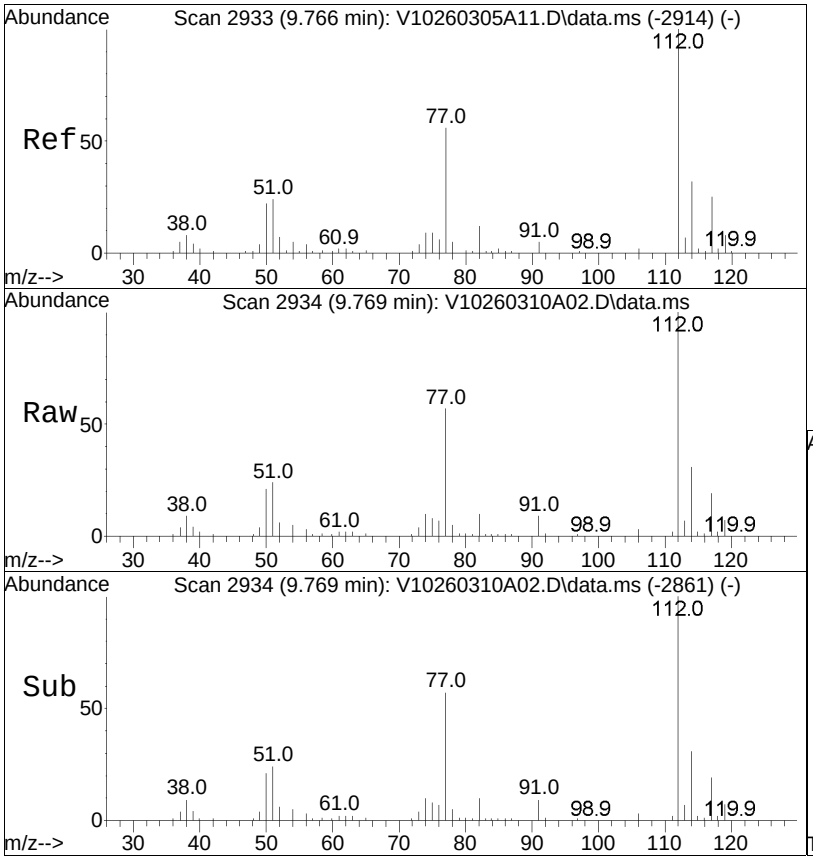


#72
2-Hexanone
Concen: 39.05 ug/L
RT: 9.395 min Scan# 2800
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 43 Resp: 83524

Ion	Ratio	Lower	Upper
43	100		
58	48.2	43.0	64.4
57	17.3	14.6	21.8

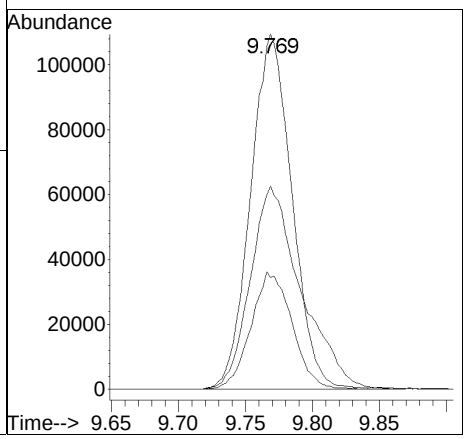


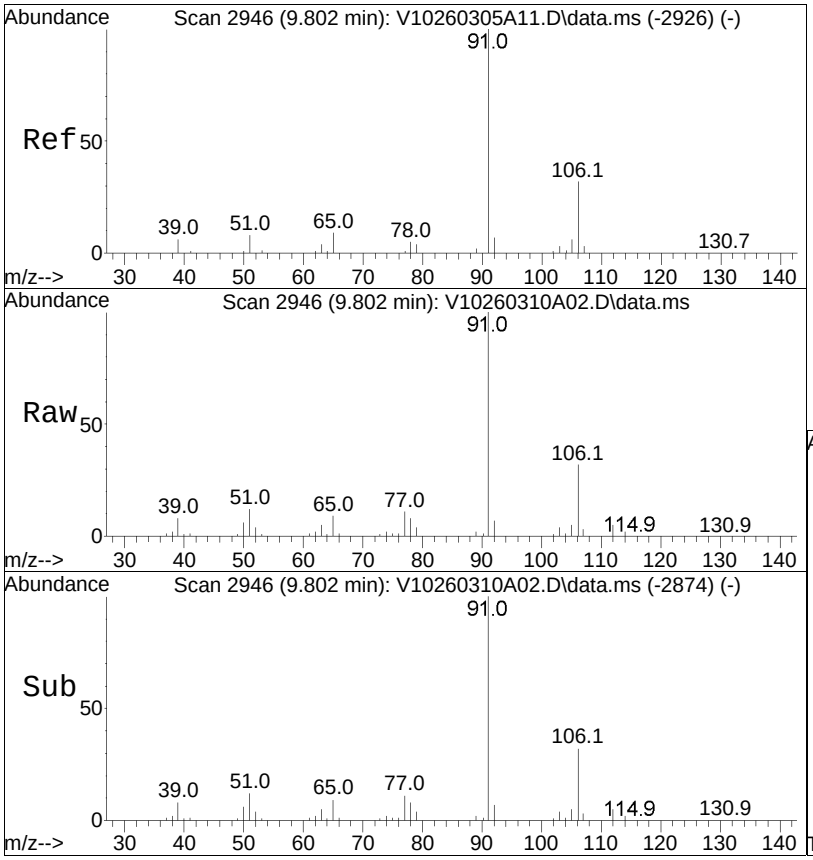


#73
Chlorobenzene
Concen: 40.46 ug/L
RT: 9.769 min Scan# 2934
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:112 Resp: 235382

Ion	Ratio	Lower	Upper
112	100		
77	70.1	47.0	70.6
114	32.8	26.2	39.2

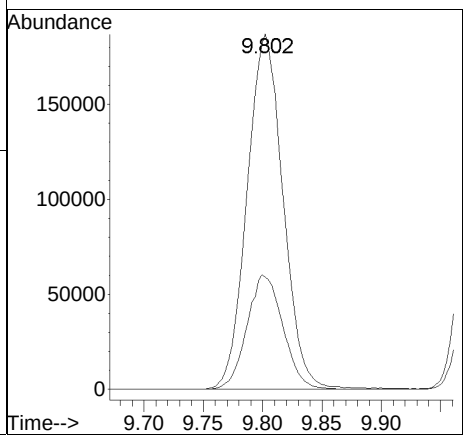


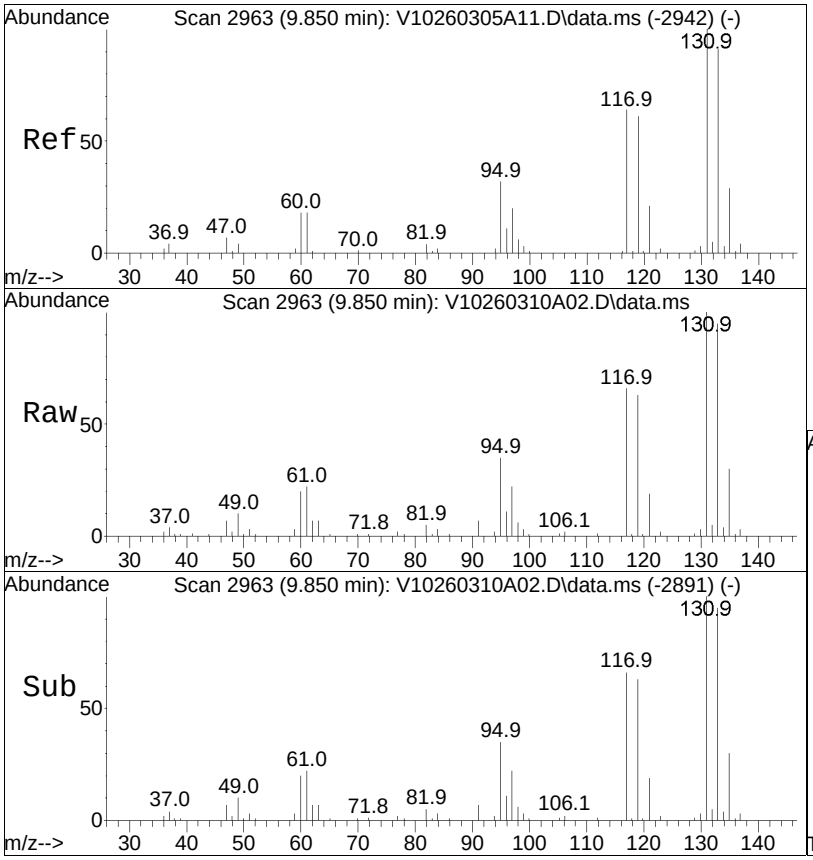


#74
Ethylbenzene
Concen: 41.91 ug/L
RT: 9.802 min Scan# 2946
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 91 Resp: 394654

Ion	Ratio	Lower	Upper
91	100		
106	32.2	24.7	37.1

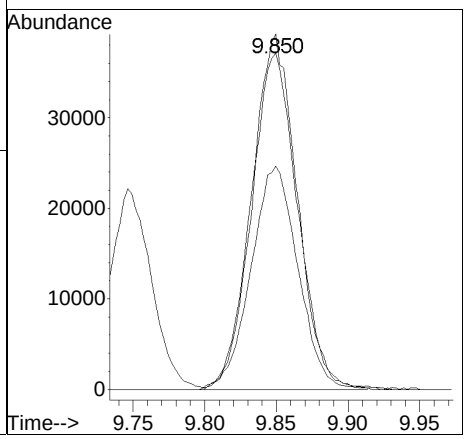


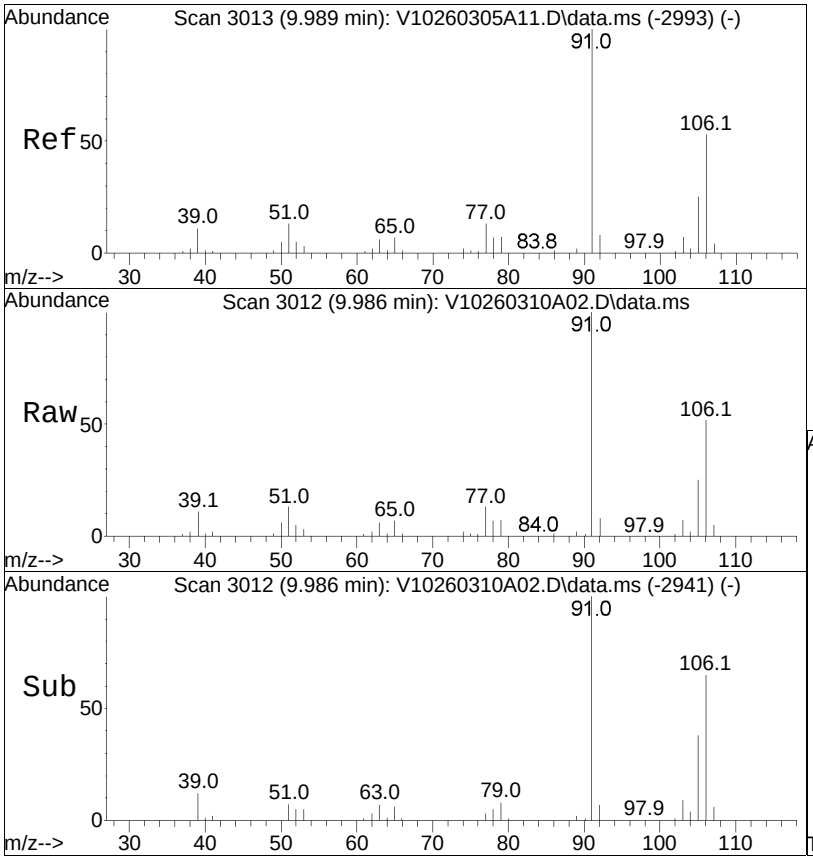


#75
1,1,1,2-Tetrachloroethane
Concen: 42.15 ug/L
RT: 9.850 min Scan# 2963
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:131 Resp: 87440

Ion	Ratio	Lower	Upper
131	100		
133	94.6	74.6	114.6
119	64.2	47.7	87.7

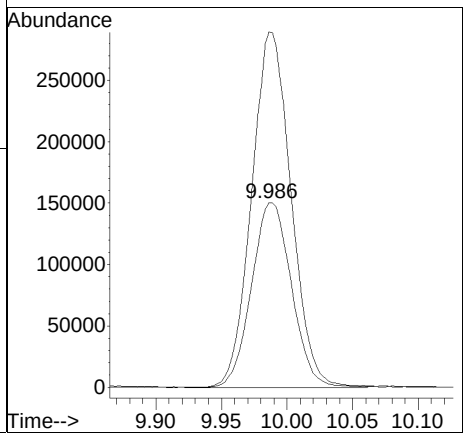


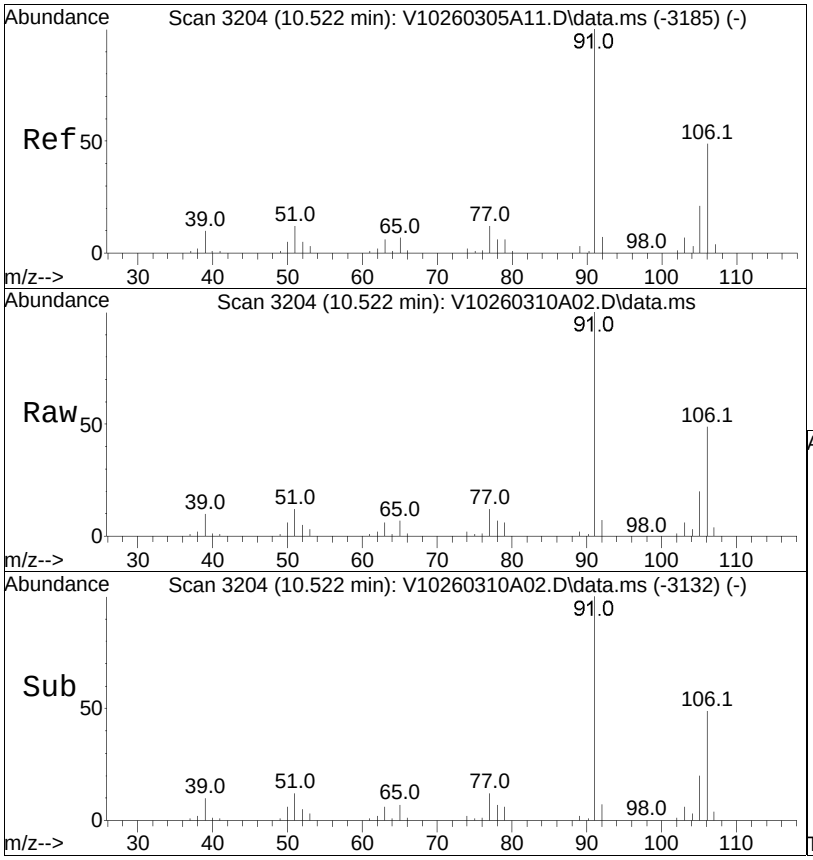


#76
p/m Xylene
Concen: 82.19 ug/L
RT: 9.986 min Scan# 3012
Delta R.T. -0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:106 Resp: 318700

Ion	Ratio	Lower	Upper
106	100		
91	189.4	158.2	237.2

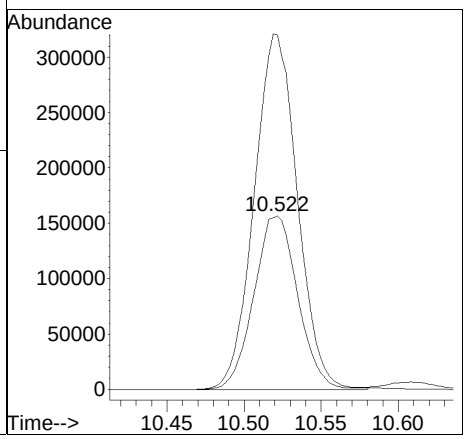


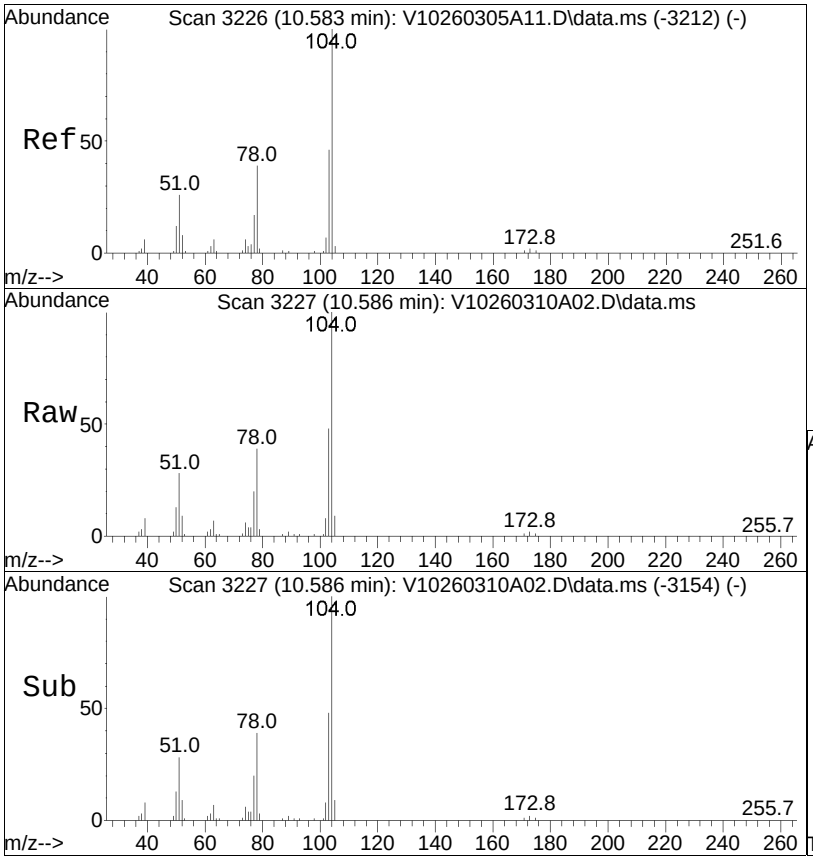


#77
o Xylene
Concen: 81.46 ug/L
RT: 10.522 min Scan# 3204
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:106 Resp: 310031

Ion	Ratio	Lower	Upper
106	100		
91	201.4	167.9	251.9

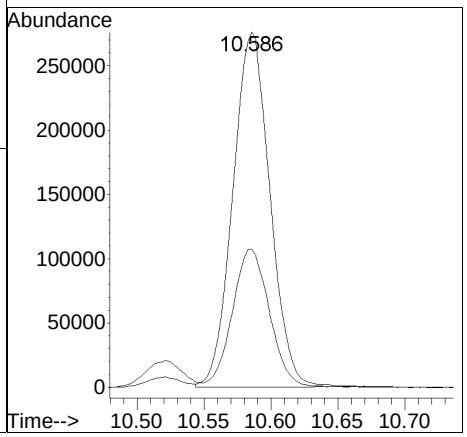


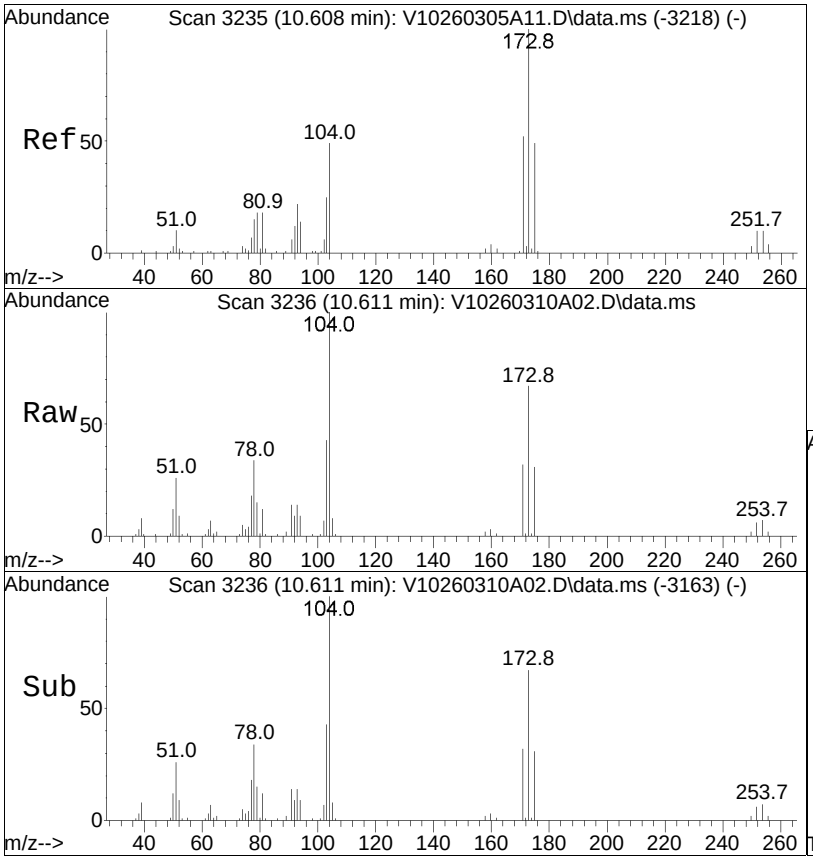


#78
Styrene
Concen: 81.11 ug/L
RT: 10.586 min Scan# 3227
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:104 Resp: 530462

Ion	Ratio	Lower	Upper
104	100		
78	38.6	33.9	50.9

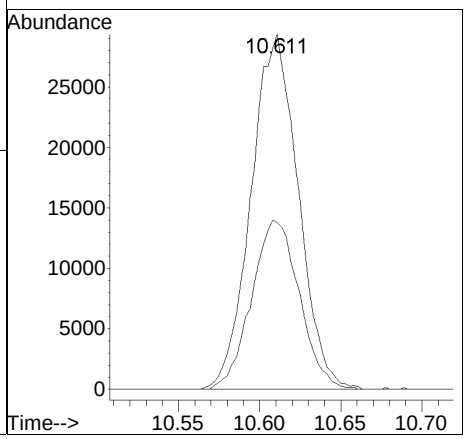


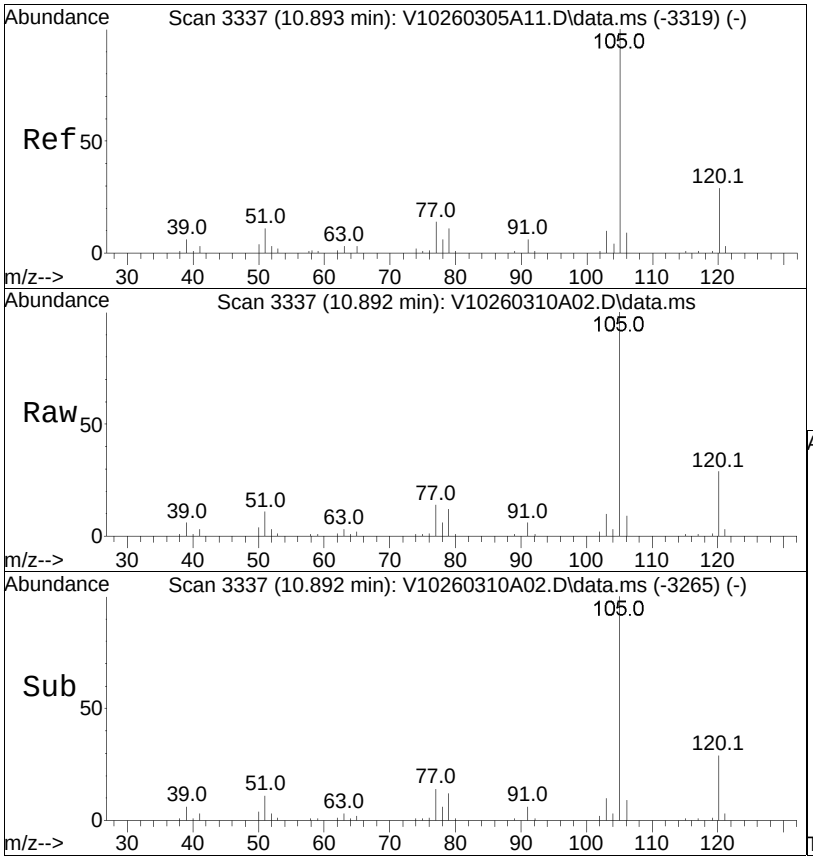


#80
Bromoform
Concen: 40.23 ug/L
RT: 10.611 min Scan# 3236
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:173 Resp: 59415

Ion	Ratio	Lower	Upper
173	100		
175	48.3	29.4	69.4

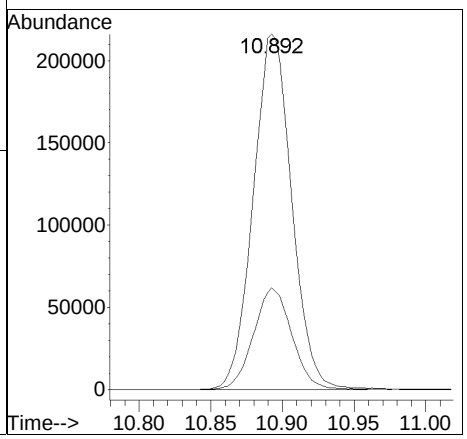


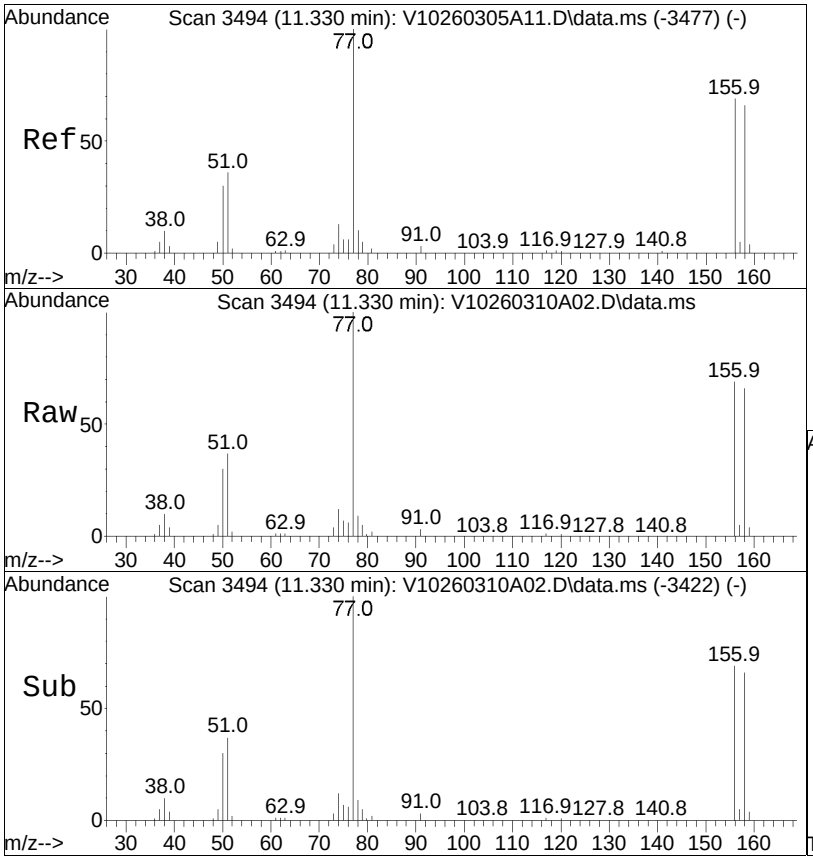


#82
Isopropylbenzene
Concen: 43.47 ug/L
RT: 10.892 min Scan# 3337
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:105 Resp: 402516

Ion	Ratio	Lower	Upper
105	100		
120	28.3	6.7	46.7

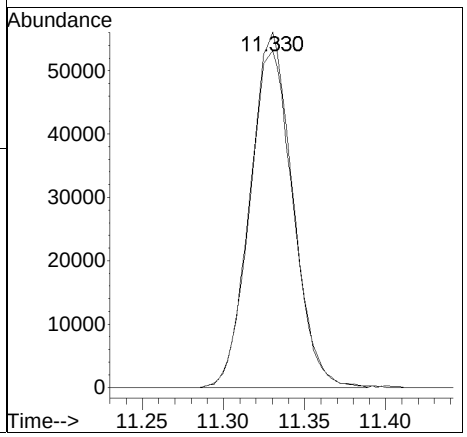


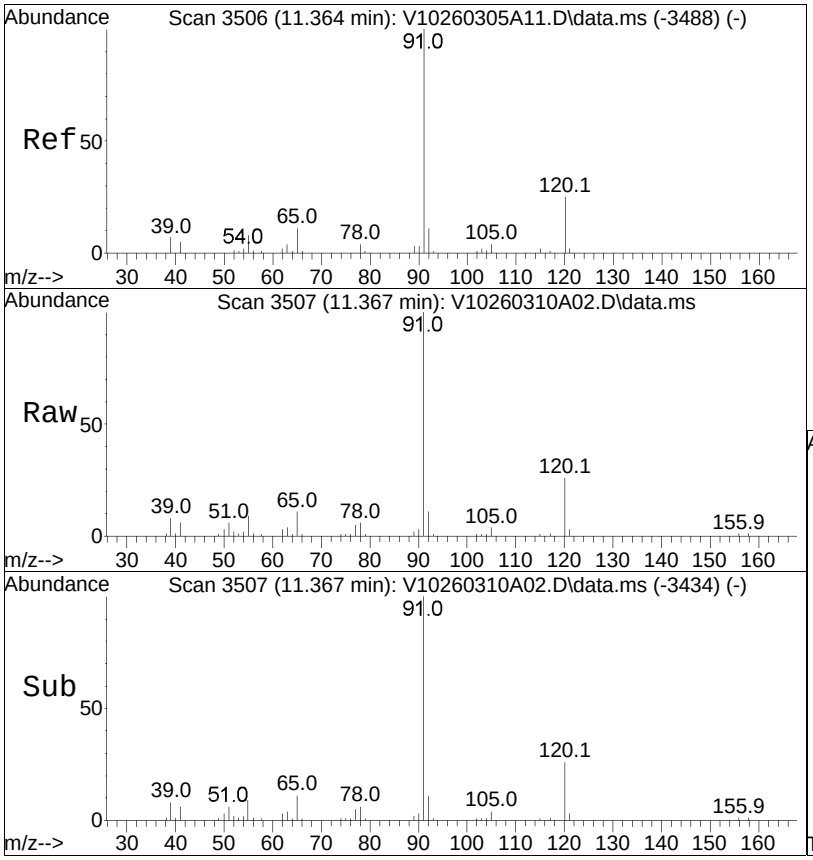


#84
Bromobenzene
Concen: 41.40 ug/L
RT: 11.330 min Scan# 3494
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:156 Resp: 102163

Ion	Ratio	Lower	Upper
156	100		
158	96.8	76.2	114.4

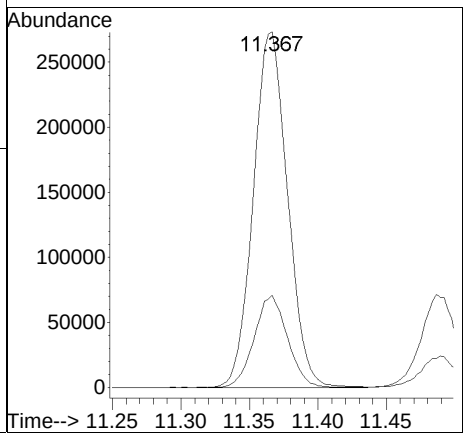


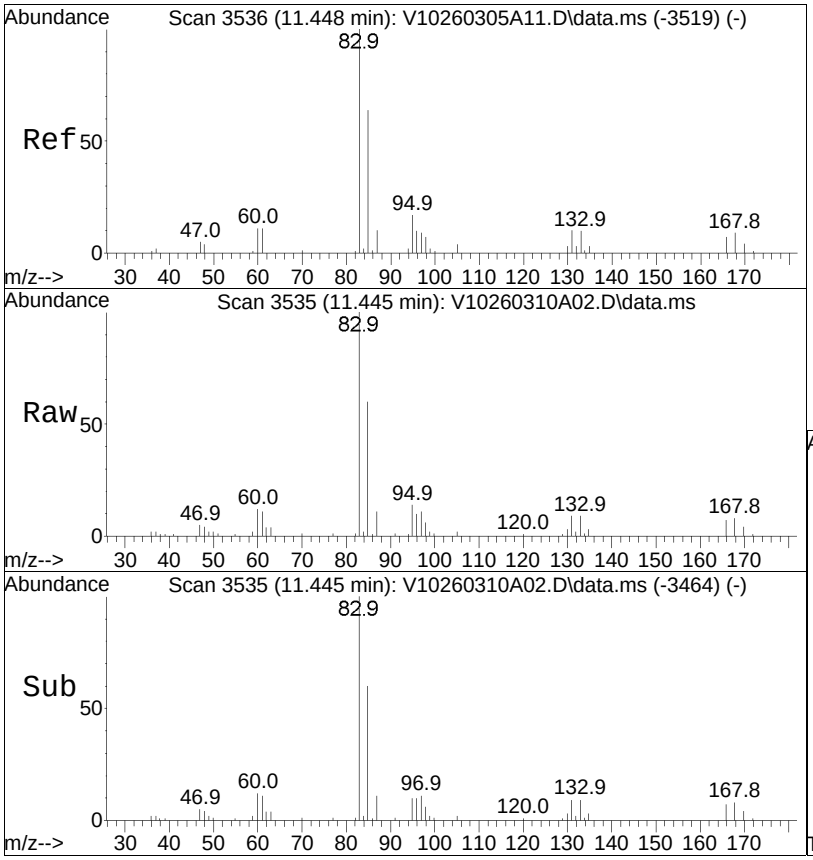


#85
n-Propylbenzene
Concen: 43.85 ug/L
RT: 11.367 min Scan# 3507
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 91 Resp: 474251

Ion	Ratio	Lower	Upper
91	100		
120	25.1	18.7	28.1

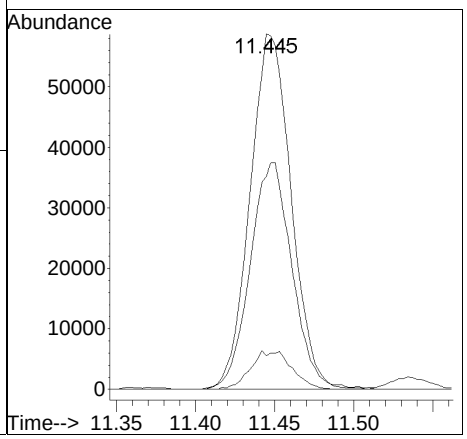


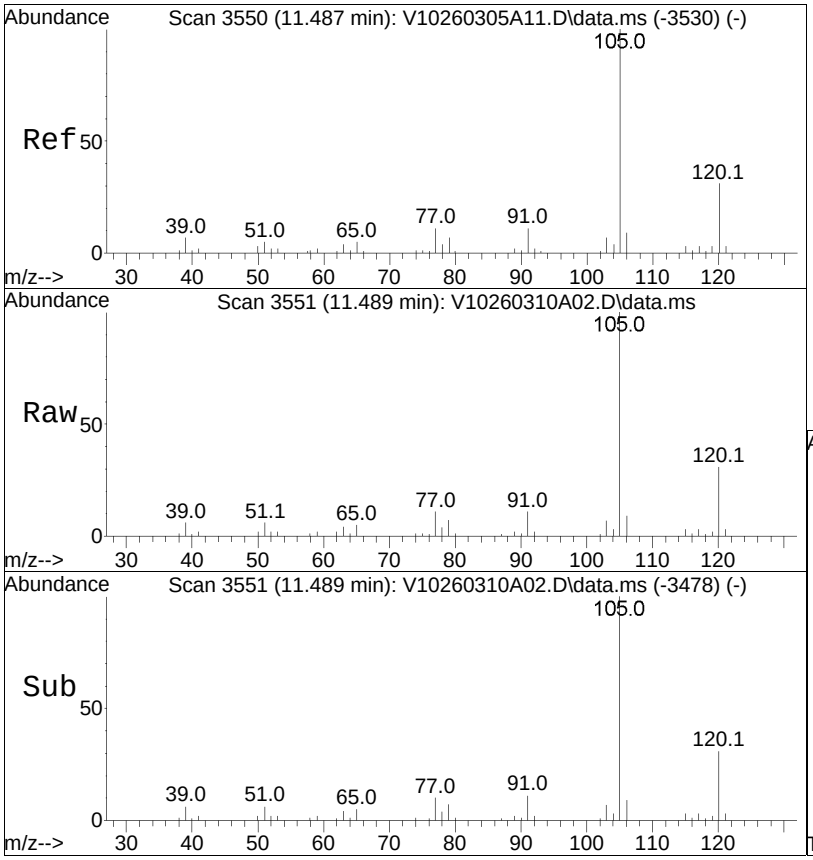


#87
1,1,2,2-Tetrachloroethane
Concen: 36.98 ug/L
RT: 11.445 min Scan# 3535
Delta R.T. -0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 83 Resp: 106306

Ion	Ratio	Lower	Upper
83	100		
131	10.8	0.0	29.3
85	64.9	42.1	82.1

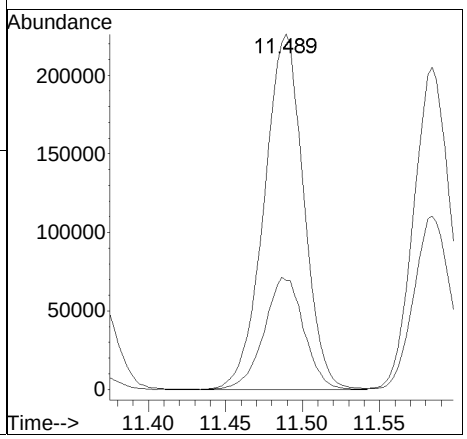


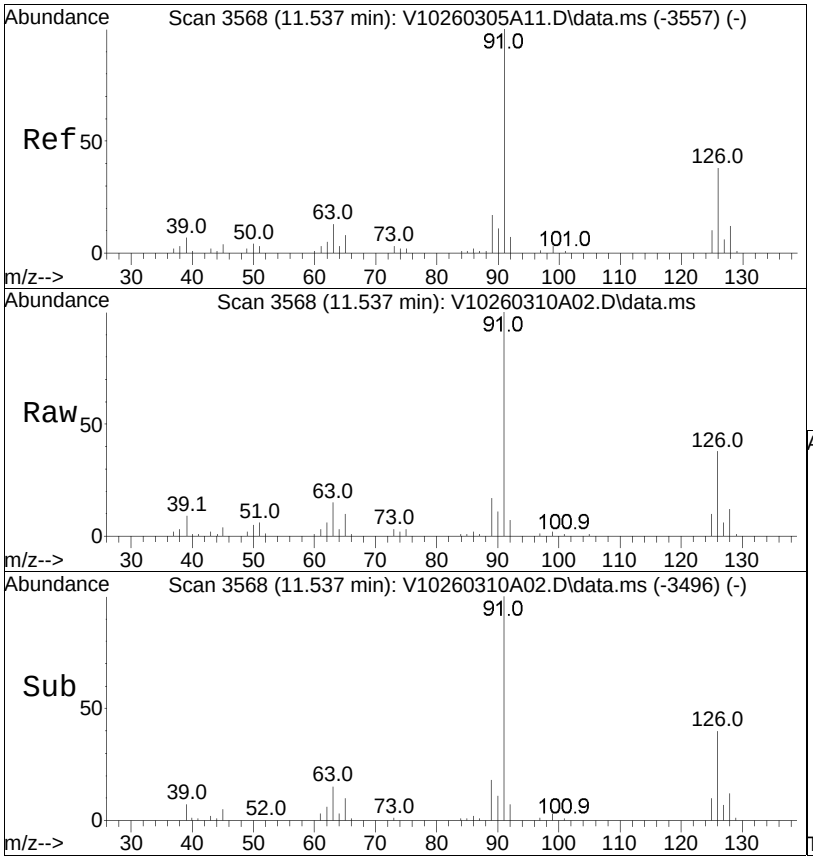


#88
4-Ethyltoluene
Concen: 43.45 ug/L
RT: 11.489 min Scan# 3551
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:105 Resp: 404288

Ion	Ratio	Lower	Upper
105	100		
120	31.6	19.8	41.2

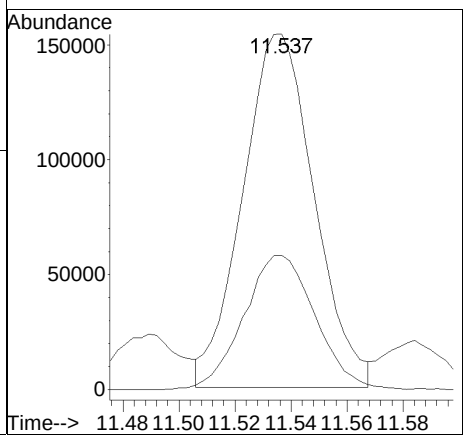


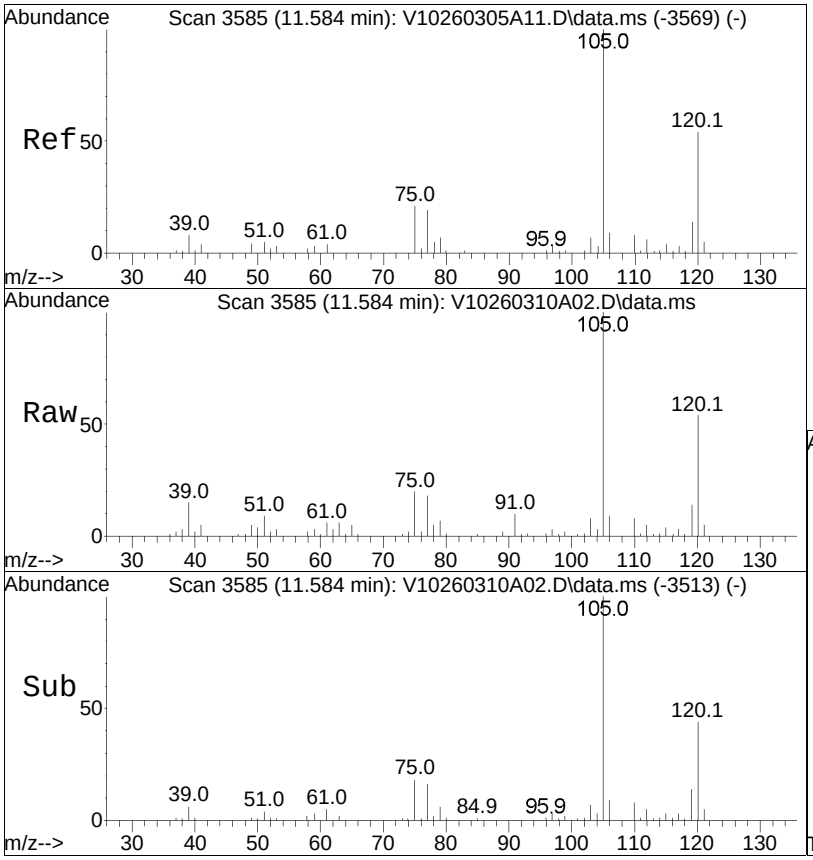


#89
2-Chlorotoluene
Concen: 41.30 ug/L
RT: 11.537 min Scan# 3568
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 91 Resp: 272714

Ion	Ratio	Lower	Upper
91	100		
126	37.9	25.9	38.9

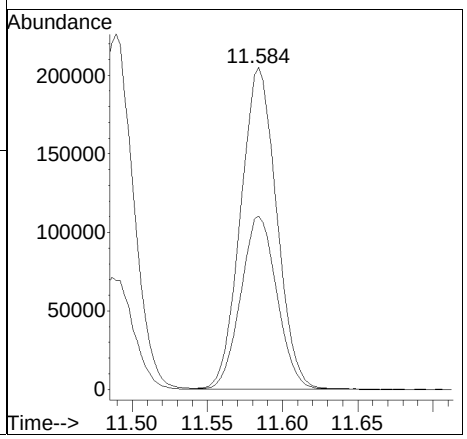


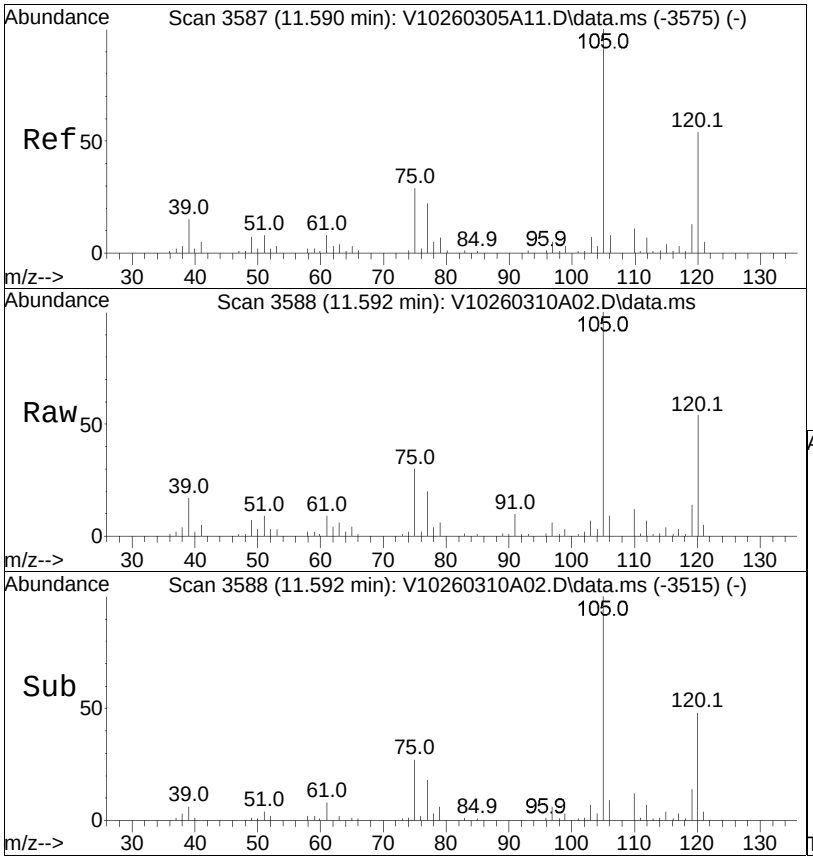


#90
1,3,5-Trimethylbenzene
Concen: 42.94 ug/L
RT: 11.584 min Scan# 3585
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:105 Resp: 341606

Ion	Ratio	Lower	Upper
105	100		
120	54.2	41.0	61.4

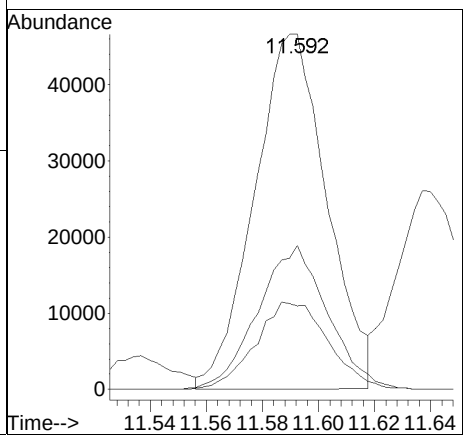


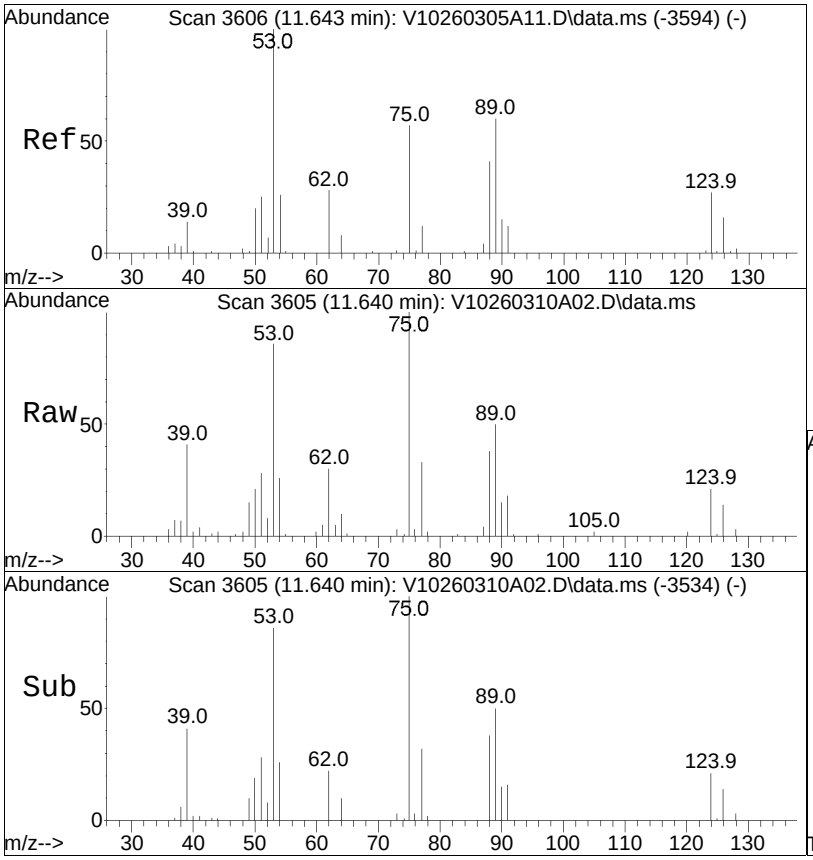


#91
1,2,3-Trichloropropane
Concen: 39.37 ug/L
RT: 11.592 min Scan# 3588
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 75 Resp: 83554

Ion	Ratio	Lower	Upper
75	100		
110	39.0	24.3	50.5
112	24.8	16.0	33.2

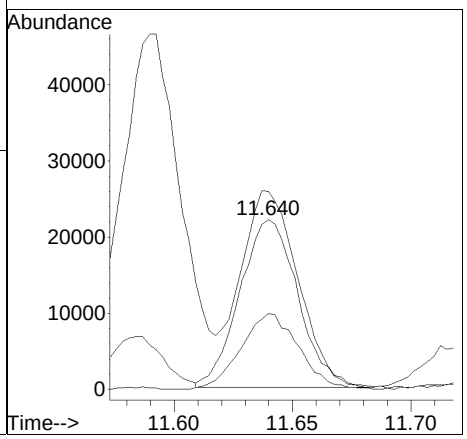


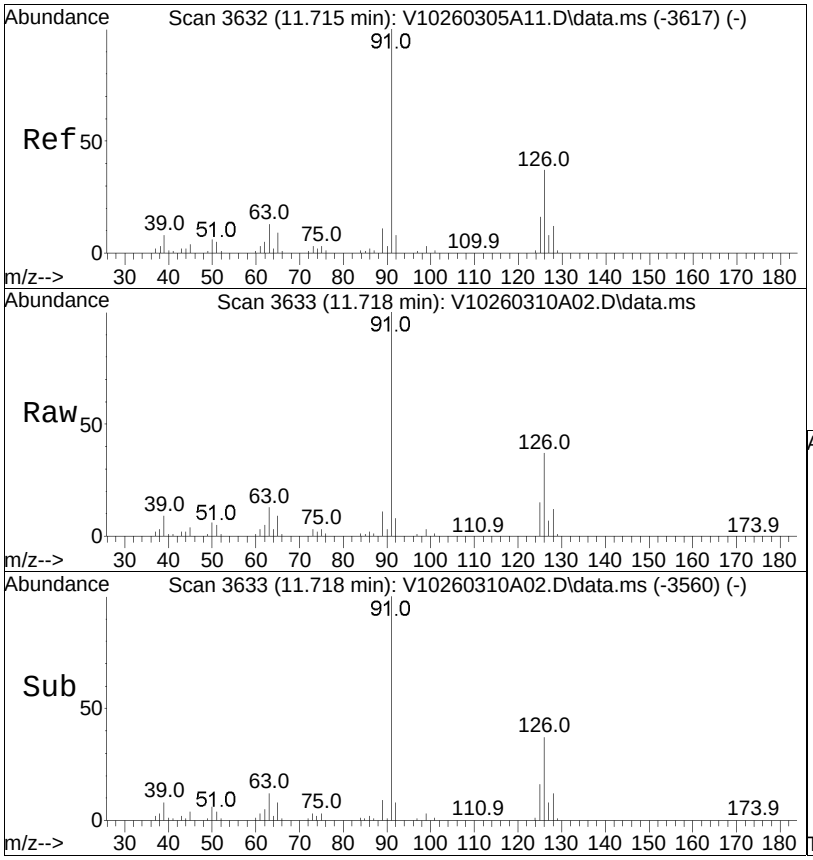


#92
trans-1,4-Dichloro-2-butene
Concen: 38.75 ug/L
RT: 11.640 min Scan# 3605
Delta R.T. -0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 53 Resp: 37521

Ion	Ratio	Lower	Upper
53	100		
88	44.9	39.1	58.7
75	118.4	101.6	152.4

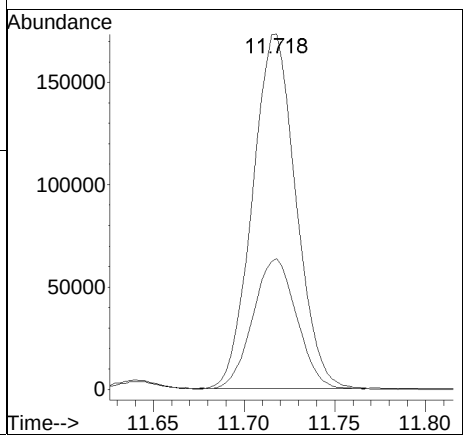


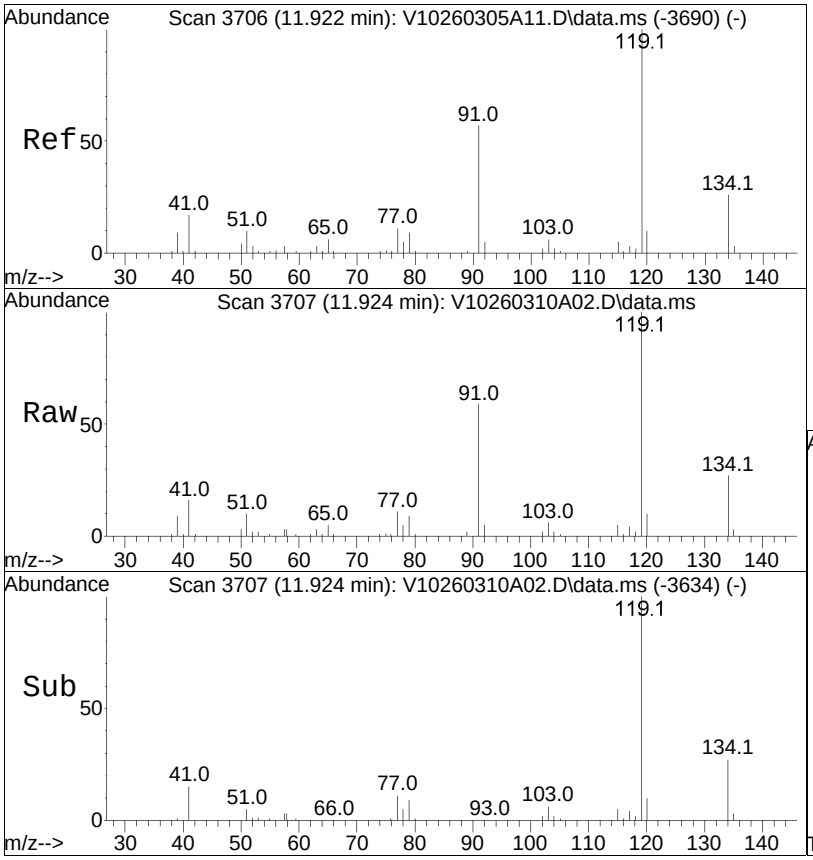


#93
4-Chlorotoluene
Concen: 41.91 ug/L
RT: 11.718 min Scan# 3633
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 91 Resp: 288279

Ion	Ratio	Lower	Upper
91	100		
126	37.4	26.4	39.6

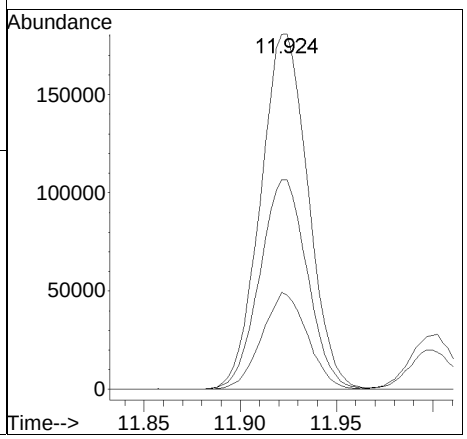


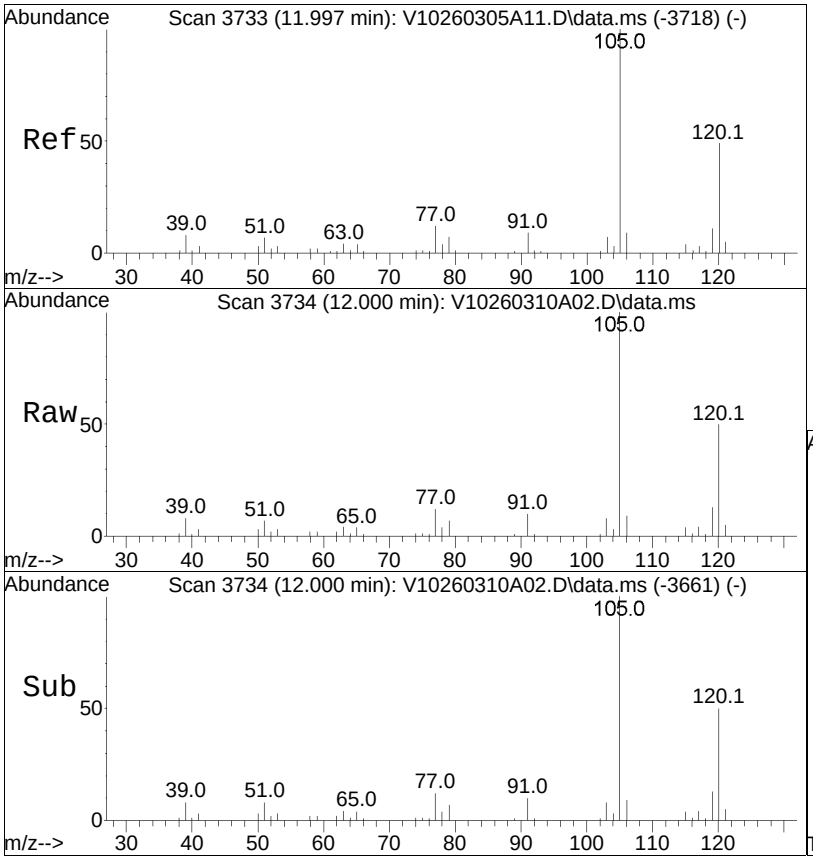


#94
tert-Butylbenzene
Concen: 43.77 ug/L
RT: 11.924 min Scan# 3707
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:119 Resp: 311023

Ion	Ratio	Lower	Upper
119	100		
91	59.0	49.0	73.4
134	26.1	20.0	30.0

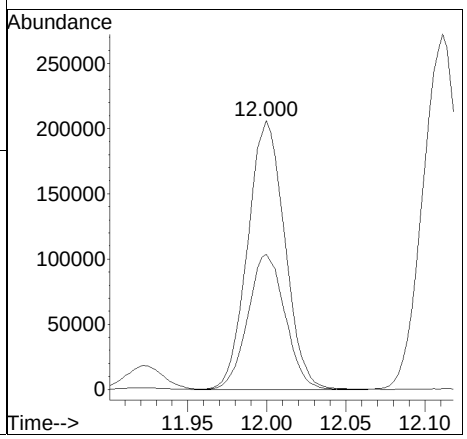


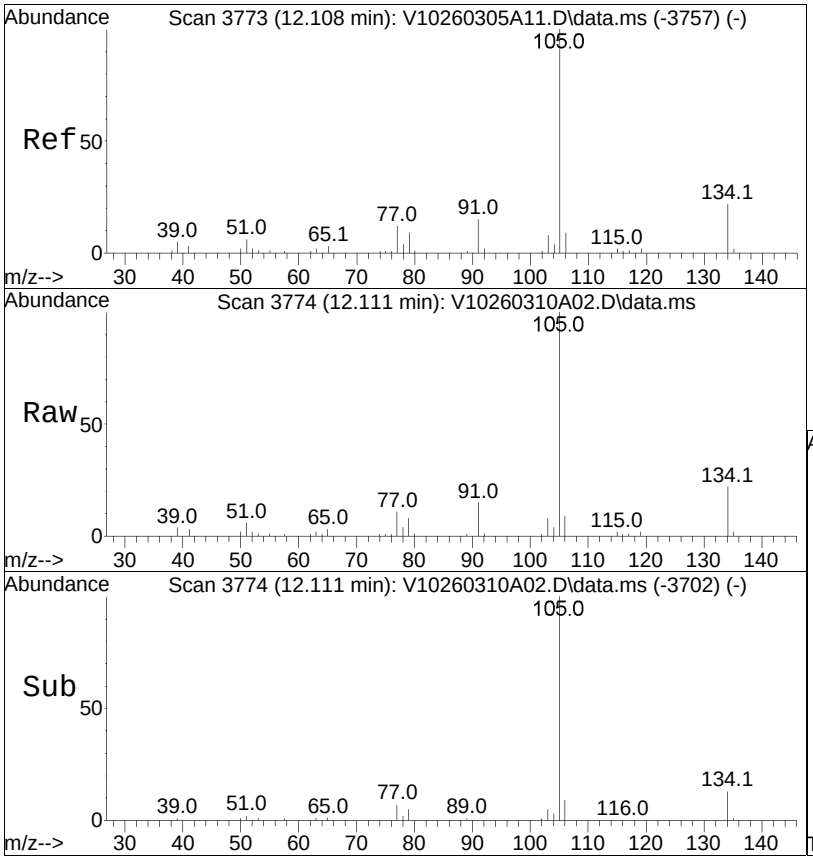


#97
1,2,4-Trimethylbenzene
Concen: 42.17 ug/L
RT: 12.000 min Scan# 3734
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:105 Resp: 336221

Ion	Ratio	Lower	Upper
105	100		
120	50.5	37.8	56.6

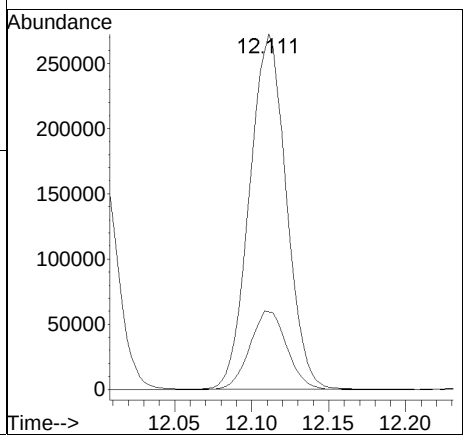


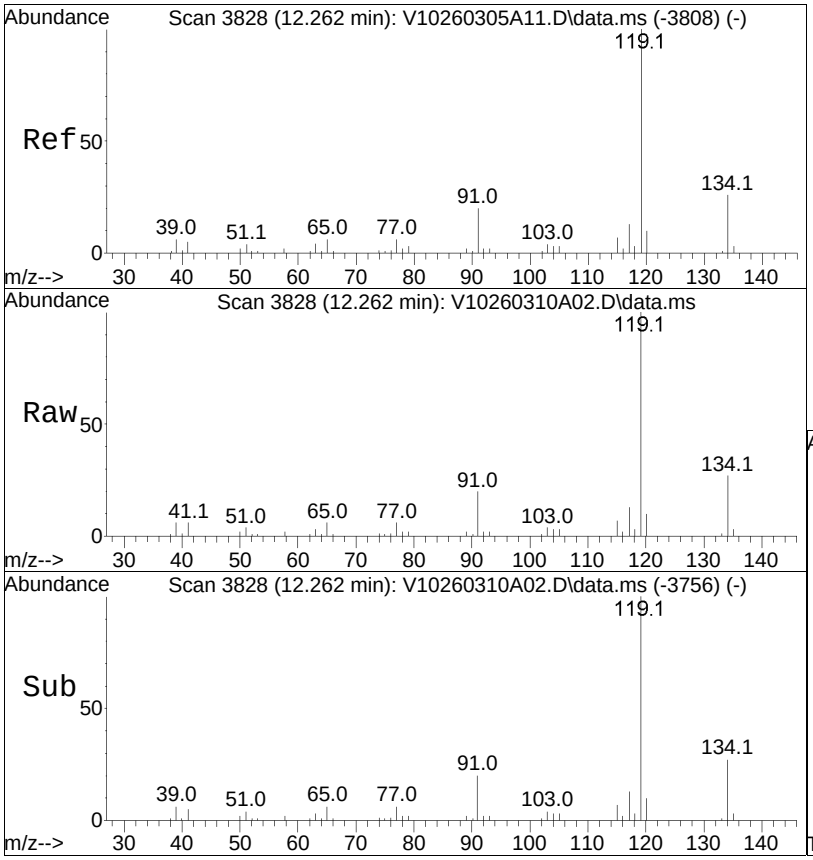


#98
sec-Butylbenzene
Concen: 44.78 ug/L
RT: 12.111 min Scan# 3774
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:105 Resp: 451633

Ion	Ratio	Lower	Upper
105	100		
134	22.2	13.0	27.0

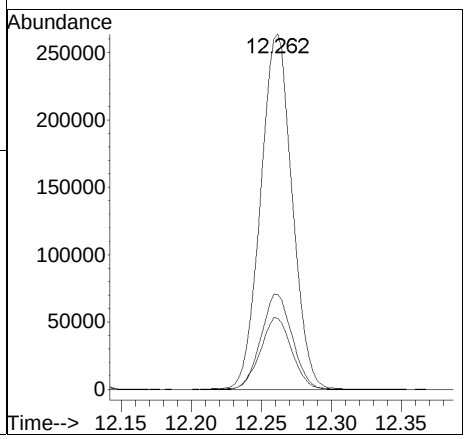


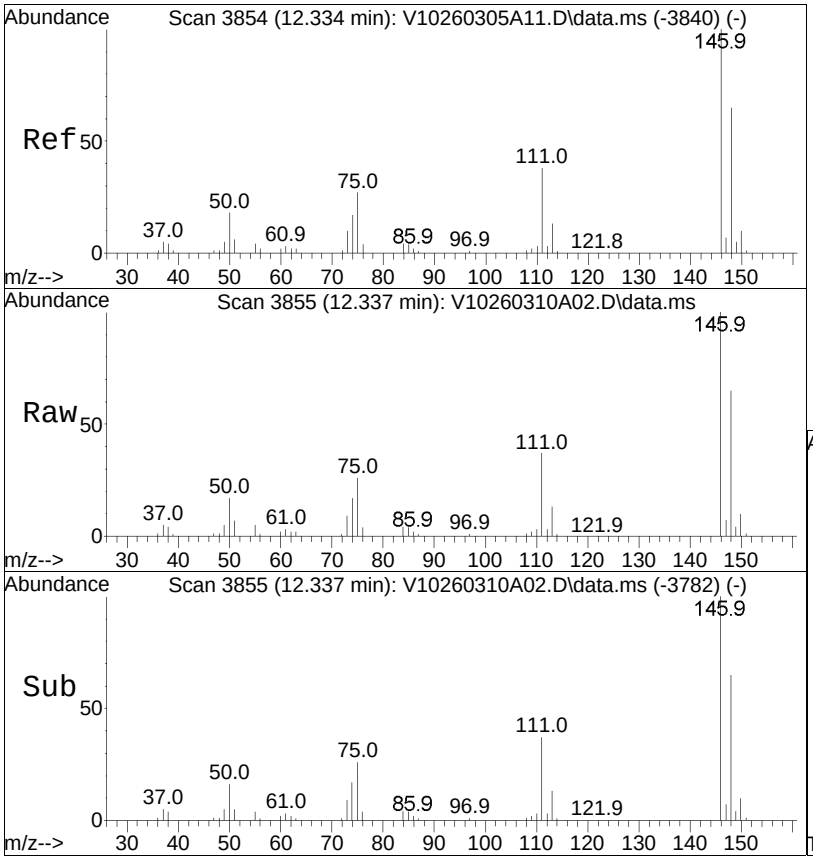


#99
p-Isopropyltoluene
Concen: 44.20 ug/L
RT: 12.262 min Scan# 3828
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:119 Resp: 413447

Ion	Ratio	Lower	Upper
119	100		
134	26.6	16.7	34.7
91	20.1	15.1	31.3

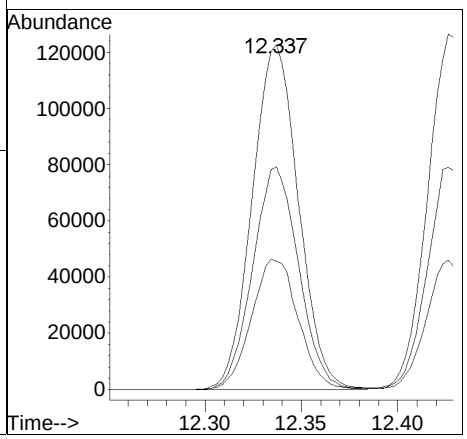


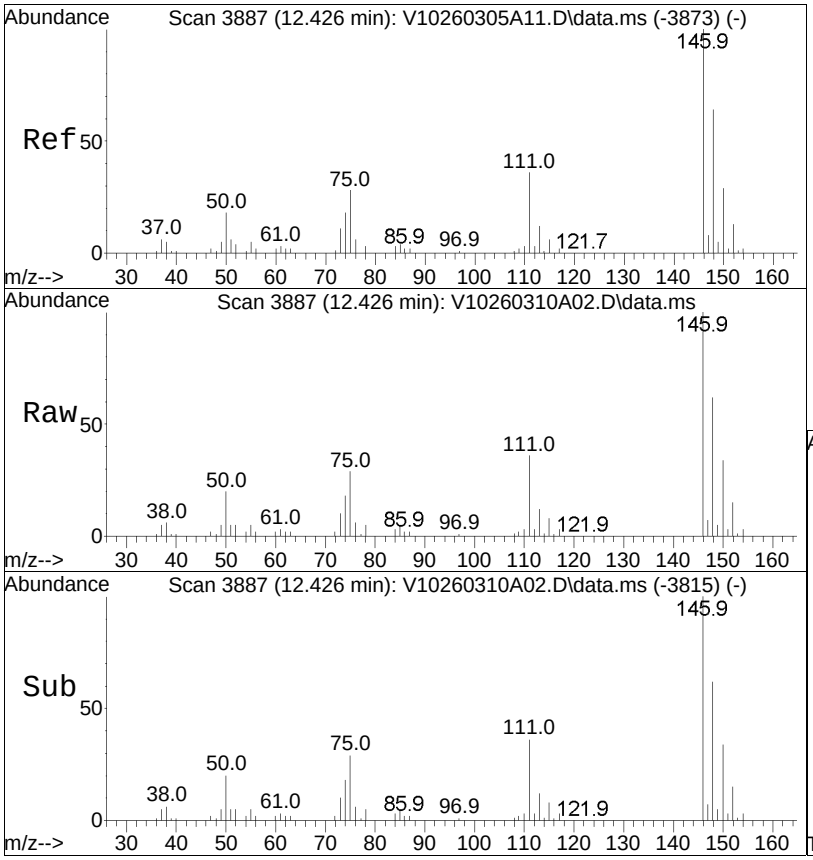


#100
1,3-Dichlorobenzene
Concen: 42.28 ug/L
RT: 12.337 min Scan# 3855
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:146 Resp: 204551

Ion	Ratio	Lower	Upper
146	100		
111	38.2	26.5	55.1
148	64.2	41.5	86.1

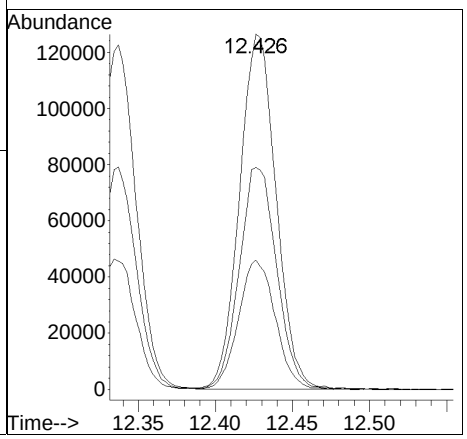


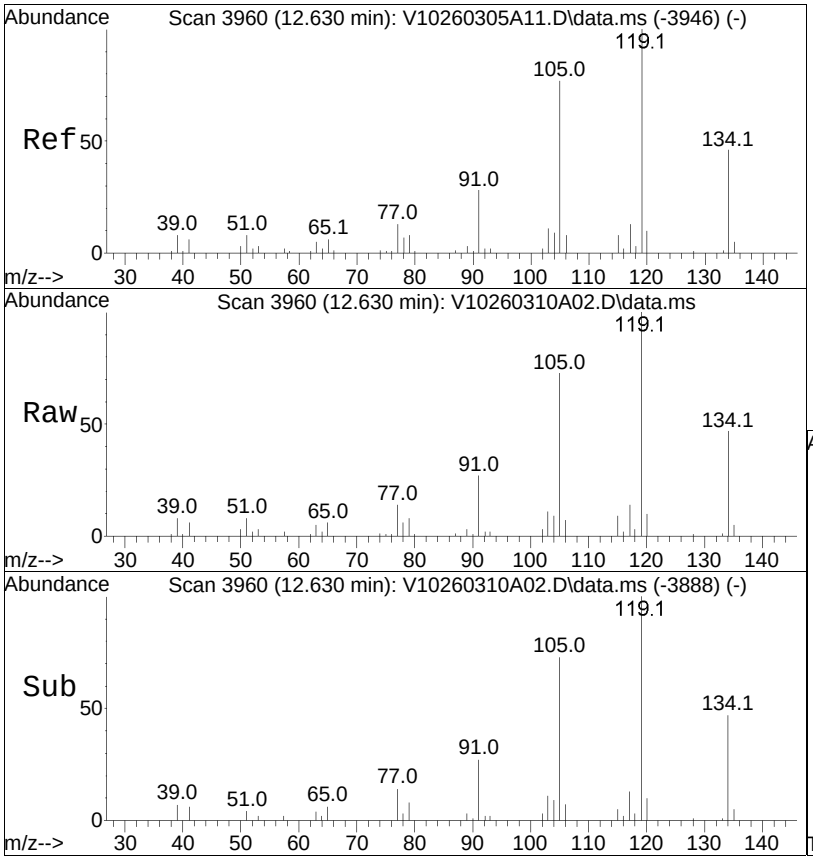


#101
1,4-Dichlorobenzene
Concen: 42.01 ug/L
RT: 12.426 min Scan# 3887
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:146 Resp: 208421

Ion	Ratio	Lower	Upper
146	100		
111	36.9	30.8	46.2
148	64.1	50.6	76.0

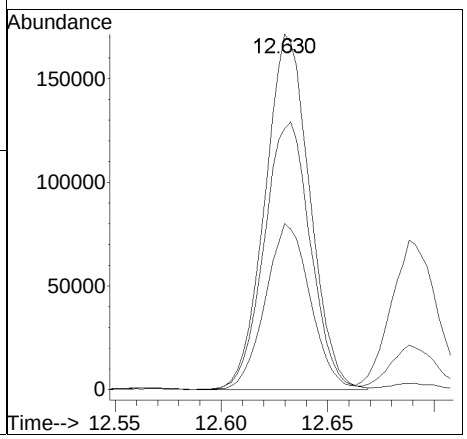


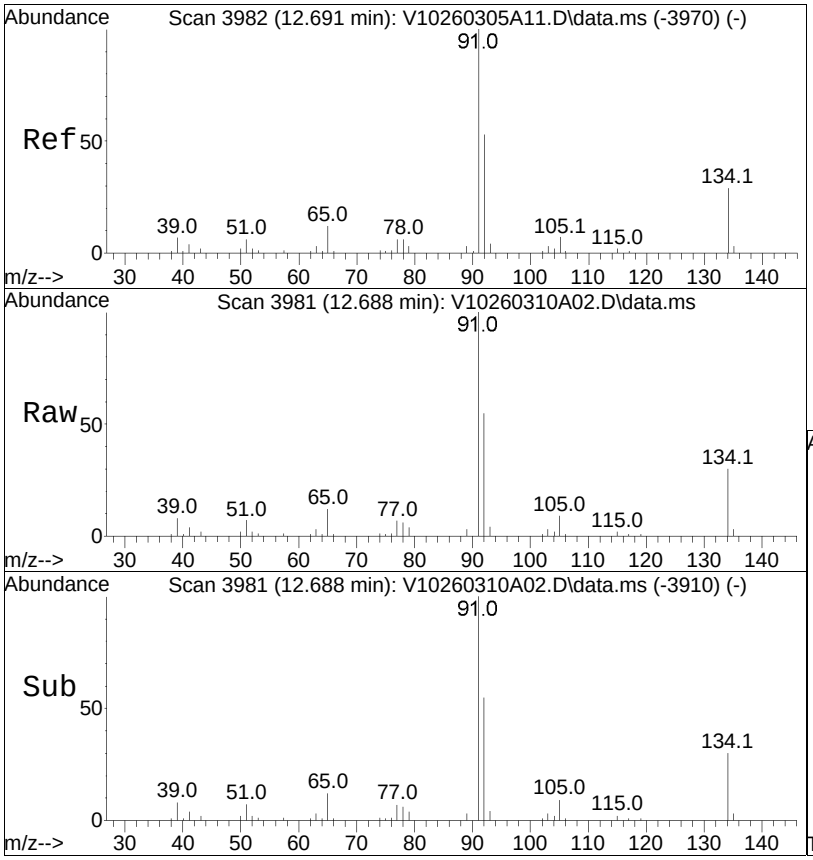


#102
p-Diethylbenzene
Concen: 43.78 ug/L
RT: 12.630 min Scan# 3960
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:119 Resp: 251061

Ion	Ratio	Lower	Upper
119	100		
105	77.8	55.5	115.3
134	46.6	30.4	63.0

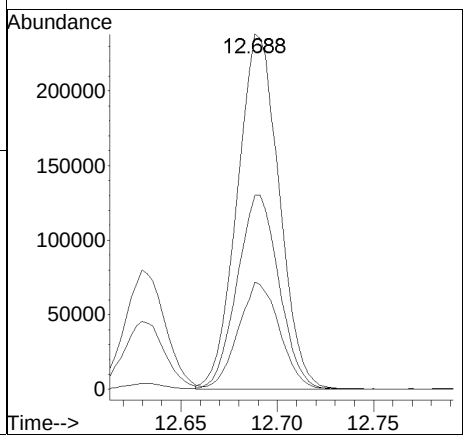


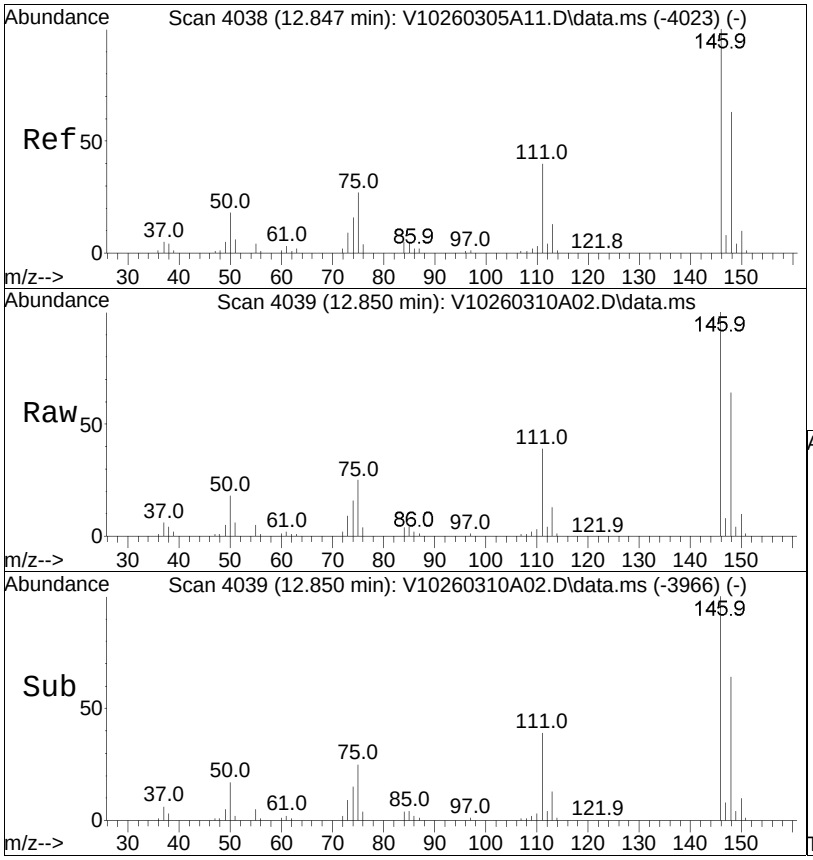


#103
n-Butylbenzene
Concen: 44.87 ug/L
RT: 12.688 min Scan# 3981
Delta R.T. -0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion: 91 Resp: 360502

Ion	Ratio	Lower	Upper
91	100		
92	54.9	43.1	64.7
134	29.9	21.2	31.8

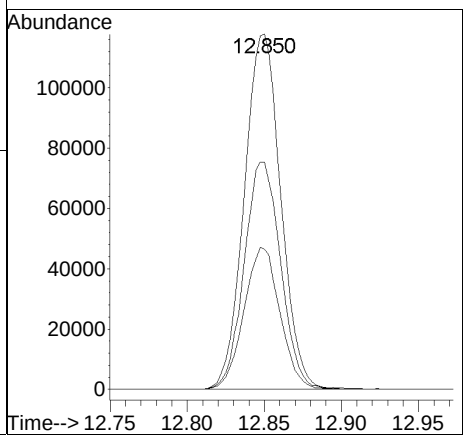


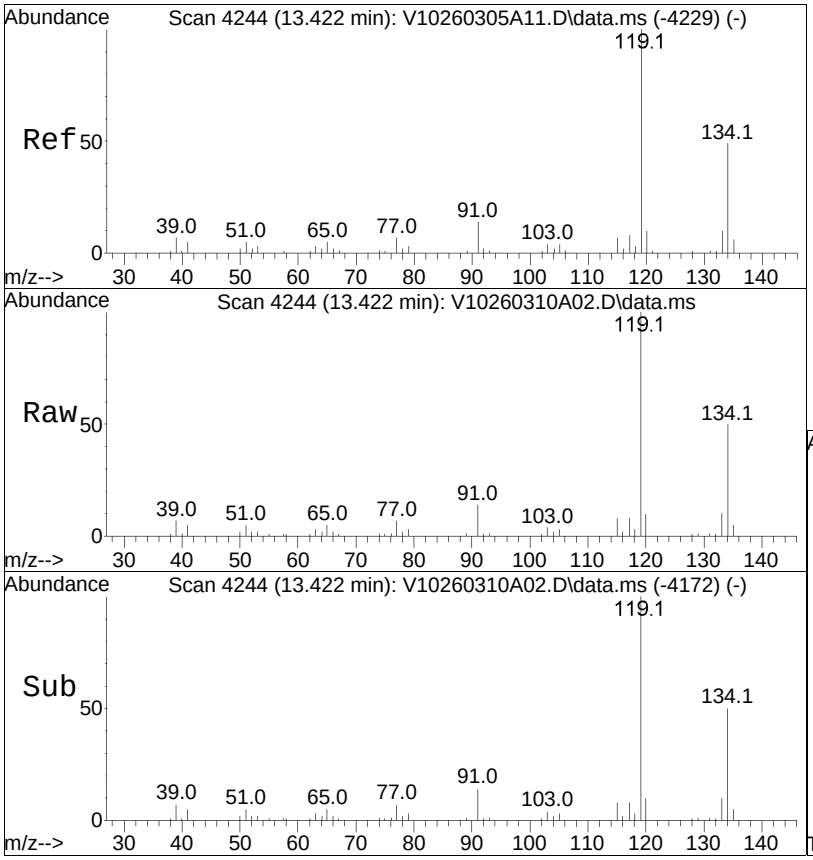


#104
1,2-Dichlorobenzene
Concen: 41.94 ug/L
RT: 12.850 min Scan# 4039
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:146 Resp: 194595

Ion	Ratio	Lower	Upper
146	100		
111	39.4	26.8	55.8
148	63.8	41.3	85.7

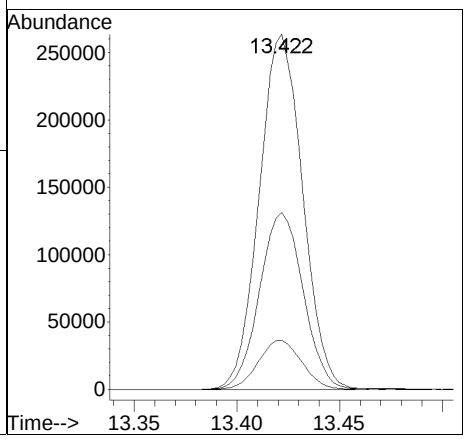


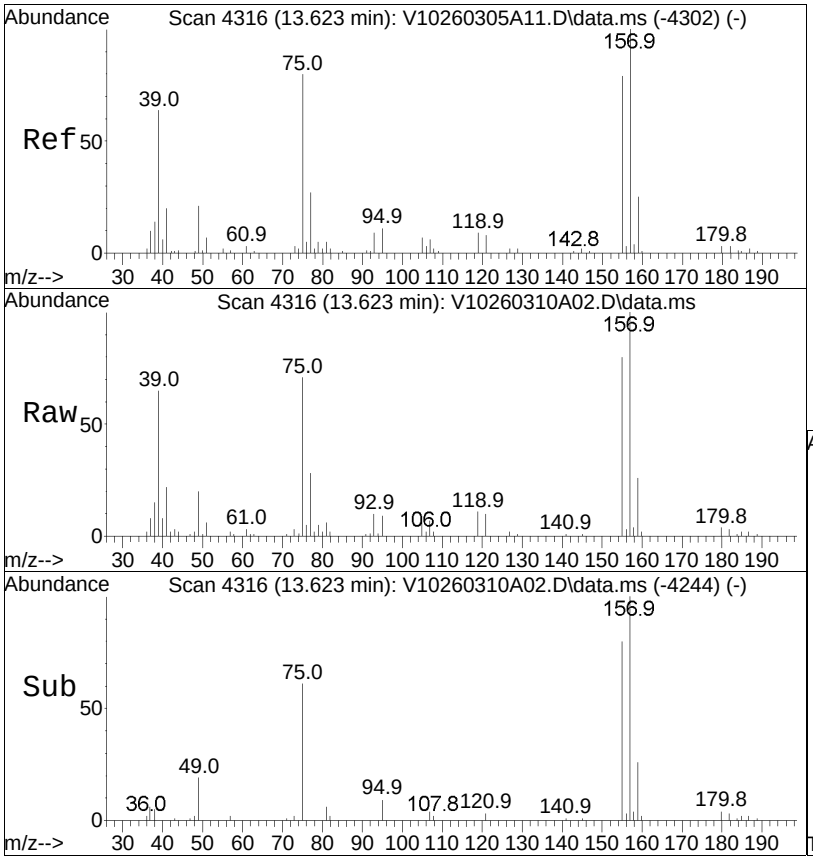


#105
1,2,4,5-Tetramethylbenzene
Concen: 42.39 ug/L
RT: 13.422 min Scan# 4244
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:119 Resp: 386751

Ion	Ratio	Lower	Upper
119	100		
134	50.2	30.0	62.2
91	13.8	10.3	21.3

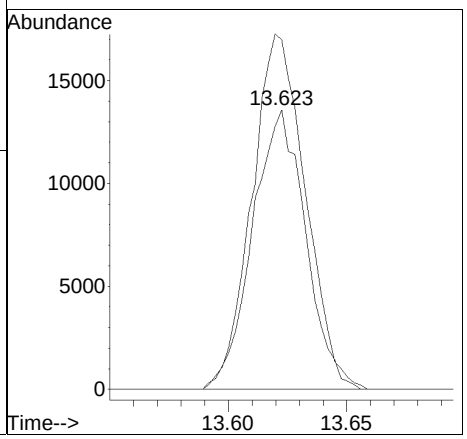


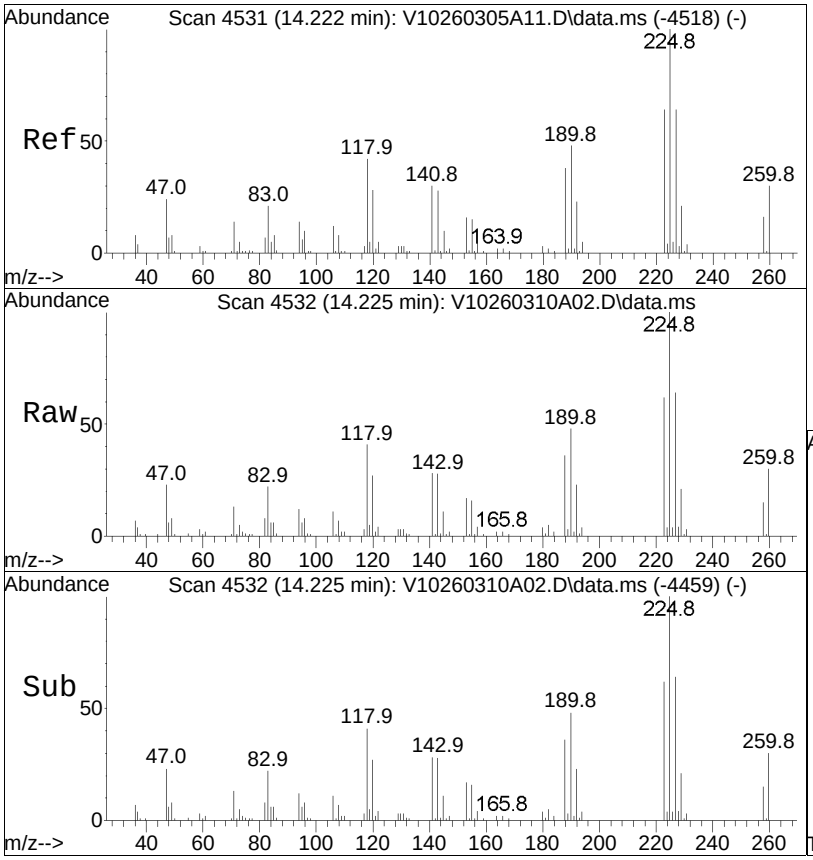


#106
1,2-Dibromo-3-chloropropane
Concen: 38.30 ug/L
RT: 13.623 min Scan# 4316
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:155 Resp: 21067

Ion	Ratio	Lower	Upper
155	100		
157	128.9	98.7	148.1

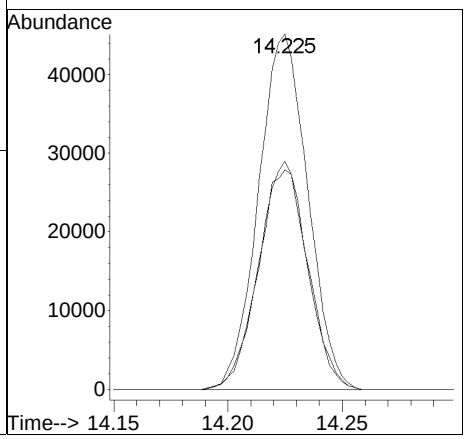


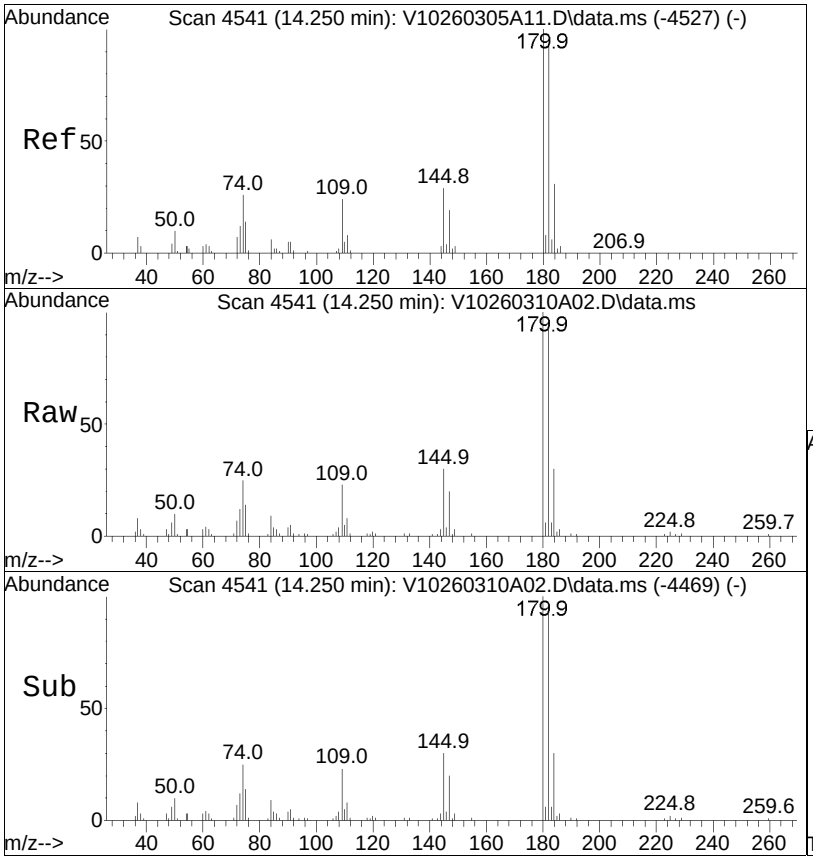


#108
Hexachlorobutadiene
Concen: 45.57 ug/L
RT: 14.225 min Scan# 4532
Delta R.T. 0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:225 Resp: 67812

Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.1	76.7
227	63.7	51.9	77.9

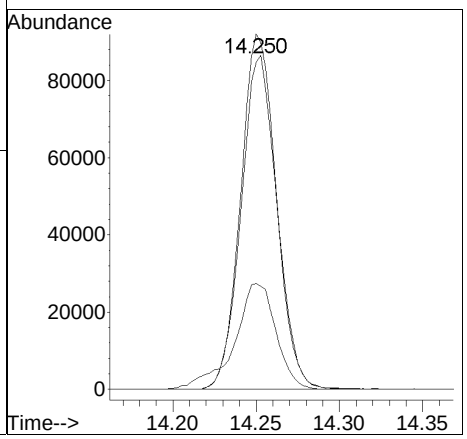


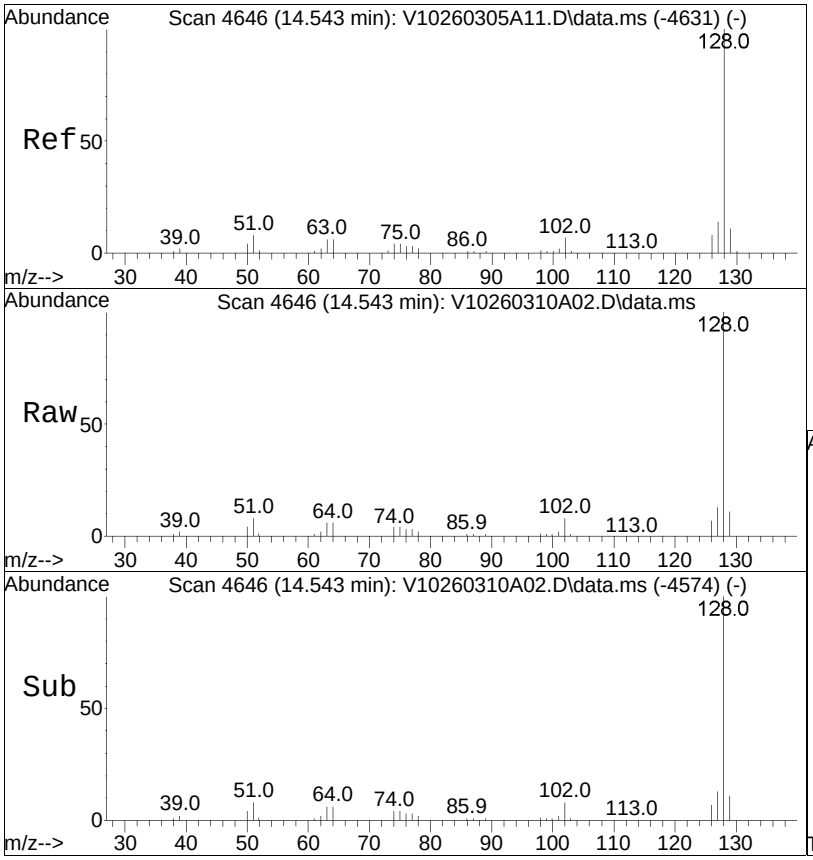


#109
1,2,4-Trichlorobenzene
Concen: 42.24 ug/L
RT: 14.250 min Scan# 4541
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:180 Resp: 138077

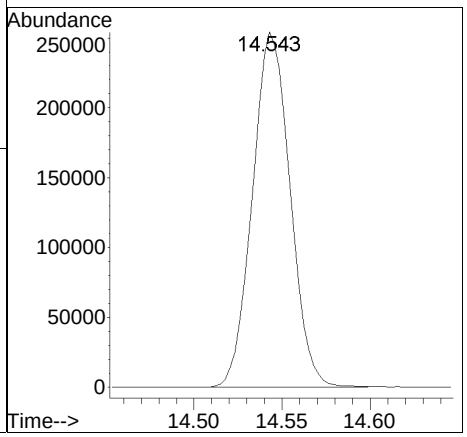
Ion	Ratio	Lower	Upper
180	100		
182	93.3	77.1	115.7
145	34.6	26.6	39.8

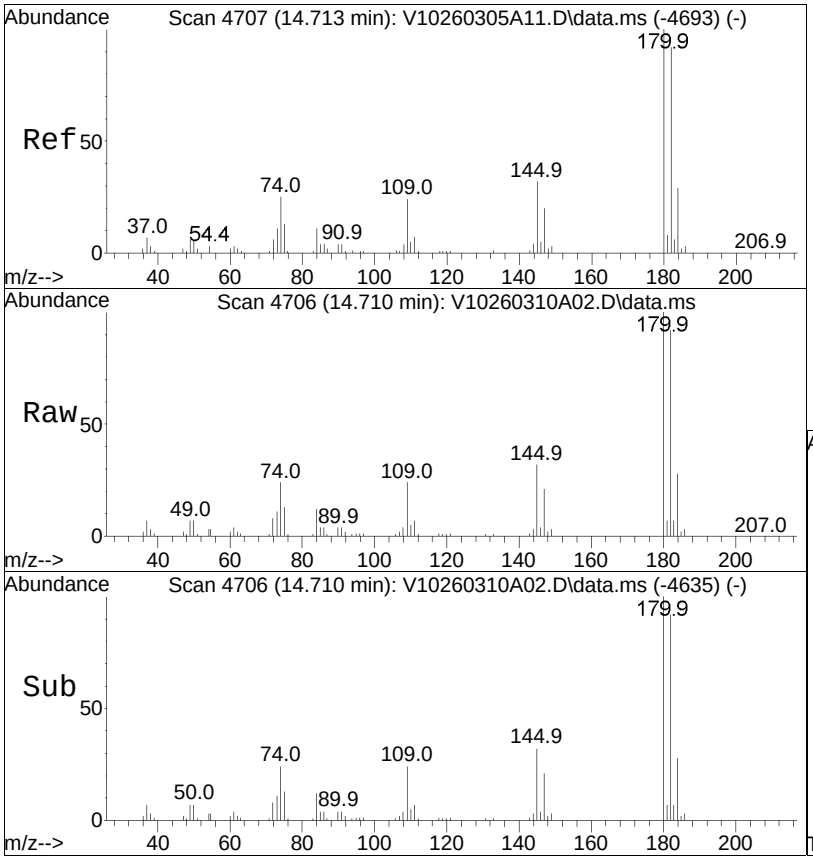




#110
Naphthalene
Concen: 39.97 ug/L
RT: 14.543 min Scan# 4646
Delta R.T. -0.000 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:128 Resp: 378251

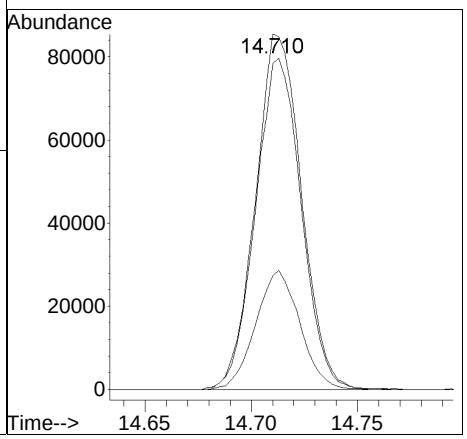




#111
1,2,3-Trichlorobenzene
Concen: 41.36 ug/L
RT: 14.710 min Scan# 4706
Delta R.T. -0.003 min
Lab File: V10260310A02.D
Acq: 10 Mar 2026 1:43 pm

Tgt Ion:180 Resp: 128889

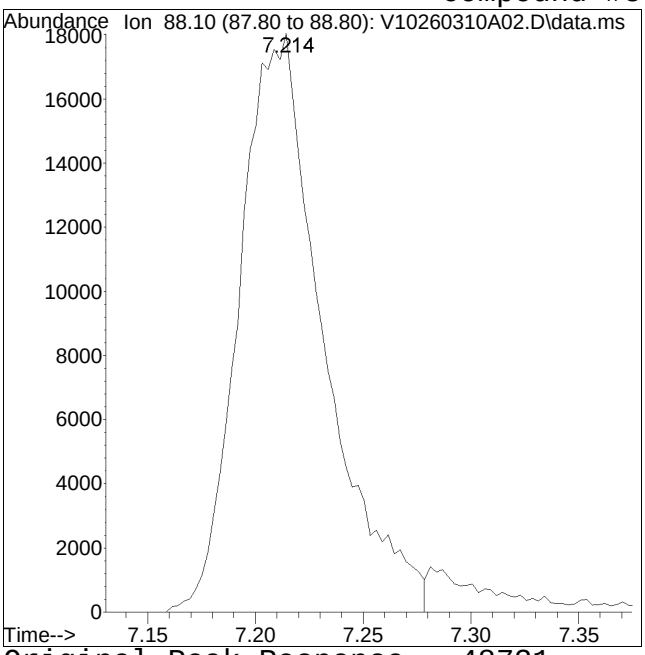
Ion	Ratio	Lower	Upper
180	100		
182	92.4	76.3	114.5
145	32.0	28.1	42.1



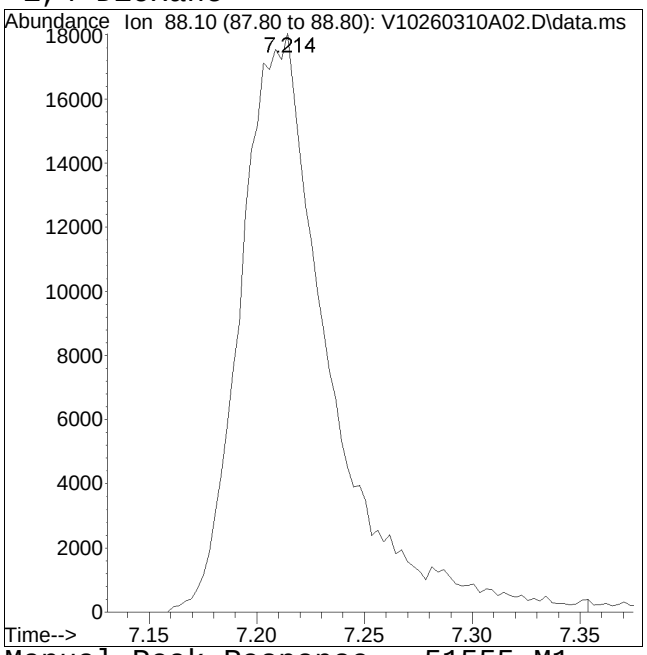
Manual Integration Report

Data Path	: K:\VOA110\2026\260310A\	QMethod	: V110_260305A_8260.m
Data File	: V10260310A02.D	Operator	: VOA110:AJK
Date Inj'd	: 3/10/2026 1:43 pm	Instrument	: VOA110
Sample	: WG2183801-4,31,5,5	Quant Date	: 3/10/2026 3:43 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 48731



Manual Peak Response = 51555 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B08.D
Acq On : 11 Mar 2026 04:03 pm
Operator : VOA111:RAW
Sample : WG2183467-6,31H,5.55,5,0.100,,A,30.04,36.09
Misc : WG2183467,ICAL22987
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 11 16:29:44 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260311B\V11260311B01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.201	96	251150	20.000 ug/L	0.00
Standard Area 1 = 316441			Recovery = 79.37%		
59) Chlorobenzene-d5	9.771	117	186376	20.000 ug/L	0.00
Standard Area 1 = 225831			Recovery = 82.53%		
79) 1,4-Dichlorobenzene-d4	12.428	152	106575	20.000 ug/L	0.00
Standard Area 1 = 107740			Recovery = 98.92%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.376	113	62587	19.985 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.92%		
43) 1,2-Dichloroethane-d4	5.908	65	72127	24.280 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 121.40%		
60) Toluene-d8	7.911	98	253010	21.020 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.10%		
83) 4-Bromofluorobenzene	11.243	95	95022	19.484 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.42%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.656	85	337275	111.796 ug/L	96
3) Chloromethane	1.884	50	491612	150.968 ug/L	98
4) Vinyl chloride	1.937	62	458373	127.166 ug/L	97
5) Bromomethane	2.269	94	216353	78.323 ug/L	99
6) Chloroethane	2.372	64	147924	68.209 ug/L	98
7) Trichlorofluoromethane	2.498	101	479651	115.334 ug/L	100
8) Ethyl ether	2.860	74	185301	106.475 ug/L	77
10) 1,1-Dichloroethene	3.053	96	270788	105.899 ug/L	93
11) Carbon disulfide	3.084	76	988098	102.848 ug/L	100
15) Methylene chloride	3.630	84	337194	97.323 ug/L	78
17) Acetone	3.680	43	78752	95.906 ug/L	92
18) trans-1,2-Dichloroethene	3.792	96	312178	103.534 ug/L	93
20) Methyl tert-butyl ether	3.895	73	964698	103.836 ug/L	92
23) 1,1-Dichloroethane	4.391	63	620107	112.243 ug/L	96
25) Acrylonitrile	4.439	53	91629	113.377 ug/L	95
27) Vinyl acetate	4.631	43	844766	117.569 ug/L #	94
28) cis-1,2-Dichloroethene	4.924	96	354324	102.935 ug/L	91
29) 2,2-Dichloropropane	5.027	77	490622	109.147 ug/L	96
30) Bromochloromethane	5.122	128	158535	97.264 ug/L #	78
32) Chloroform	5.192	83	597054	102.989 ug/L	98

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B08.D
Acq On : 11 Mar 2026 04:03 pm
Operator : VOA111:RAW
Sample : WG2183467-6,31H,5.55,5,0.100,,A,30.04,36.09
Misc : WG2183467,ICAL22987
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 11 16:29:44 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260311B\V11260311B01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	5.340	117	432687	103.686	ug/L		98
37) 1,1,1-Trichloroethane	5.401	97	501757	109.124	ug/L		99
39) 2-Butanone	5.493	43	122565	135.548	ug/L	#	75
40) 1,1-Dichloropropene	5.526	75	434298	118.194	ug/L		97
41) Benzene	5.775	78	1285183	107.469	ug/L		93
44) 1,2-Dichloroethane	5.978	62	473201	115.328	ug/L		99
48) Trichloroethene	6.383	95	338793	104.932	ug/L		95
50) Dibromomethane	6.826	93	202281	101.639	ug/L		92
51) 1,2-Dichloropropane	6.929	63	358608	111.876	ug/L		96
54) Bromodichloromethane	6.999	83	476773	106.319	ug/L		100
57) 1,4-Dioxane	7.225	88	99735	4794.937	ug/L	#	74
58) cis-1,3-Dichloropropene	7.696	75	560253	109.245	ug/L		95
61) Toluene	7.969	92	806733	104.793	ug/L		97
62) 4-Methyl-2-pentanone	8.399	58	112958	117.126	ug/L	#	97
63) Tetrachloroethene	8.427	166	303882	98.364	ug/L		93
65) trans-1,3-Dichloropropene	8.449	75	503090	109.473	ug/L		87
68) 1,1,2-Trichloroethane	8.636	83	276833	119.601	ug/L		87
69) Chlorodibromomethane	8.851	129	340807	100.337	ug/L		97
70) 1,3-Dichloropropane	8.962	76	499756	109.070	ug/L		99
71) 1,2-Dibromoethane	9.138	107	277563	107.603	ug/L		99
72) 2-Hexanone	9.419	43	188559	134.152	ug/L	#	94
73) Chlorobenzene	9.790	112	911260	102.797	ug/L	#	81
74) Ethylbenzene	9.829	91	1933567	130.540	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.871	131	328348	96.990	ug/L		100
76) p/m Xylene	10.016	106	1557108	278.424	ug/L		92
77) o Xylene	10.543	106	1206137	211.323	ug/L		93
78) Styrene	10.607	104	2087891	218.284	ug/L		95
80) Bromoform	10.635	173	200909	84.378	ug/L		100
82) Isopropylbenzene	10.917	105	1634749	102.935	ug/L		98
84) Bromobenzene	11.349	156	365003	85.585	ug/L		100
85) n-Propylbenzene	11.388	91	2140416	115.256	ug/L		96
87) 1,1,2,2-Tetrachloroethane	11.466	83	367965	96.354	ug/L		100
88) 4-Ethyltoluene	11.511	105	2058047	131.393	ug/L		98
89) 2-Chlorotoluene	11.556	91	1142444	100.979	ug/L		97
90) 1,3,5-Trimethylbenzene	11.606	105	1559560	113.969	ug/L		96
91) 1,2,3-Trichloropropane	11.606	75	303293	103.366	ug/L		97
92) trans-1,4-Dichloro-2-b...	11.656	53	114825	107.174	ug/L		94
93) 4-Chlorotoluene	11.734	91	1211120	102.990	ug/L		94
94) tert-Butylbenzene	11.943	119	1111594	97.055	ug/L		95

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B08.D
Acq On : 11 Mar 2026 04:03 pm
Operator : VOA111:RAW
Sample : WG2183467-6,31H,5.55,5,0.100,,A,30.04,36.09
Misc : WG2183467,ICAL22987
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 11 16:29:44 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260311B\V11260311B01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.018	105	2245153	166.455	ug/L	96
98) sec-Butylbenzene	12.133	105	1943862	115.082	ug/L	98
99) p-Isopropyltoluene	12.281	119	1680979	113.943	ug/L	97
100) 1,3-Dichlorobenzene	12.353	146	801525	100.775	ug/L	97
101) 1,4-Dichlorobenzene	12.445	146	816928	97.580	ug/L	99
102) p-Diethylbenzene	12.651	119	1177189	134.342	ug/L	92
103) n-Butylbenzene	12.707	91	1606998	120.674	ug/L	99
104) 1,2-Dichlorobenzene	12.863	146	751532	100.291	ug/L	97
105) 1,2,4,5-Tetramethylben...	13.435	119	1333899	99.769	ug/L	97
106) 1,2-Dibromo-3-chloropr...	13.630	155	49003	85.861	ug/L	97
108) Hexachlorobutadiene	14.235	225	201531	80.664	ug/L	99
109) 1,2,4-Trichlorobenzene	14.261	180	367197	81.938	ug/L	99
110) Naphthalene	14.553	128	773579	92.145	ug/L	100
111) 1,2,3-Trichlorobenzene	14.721	180	268012	77.710	ug/L	97

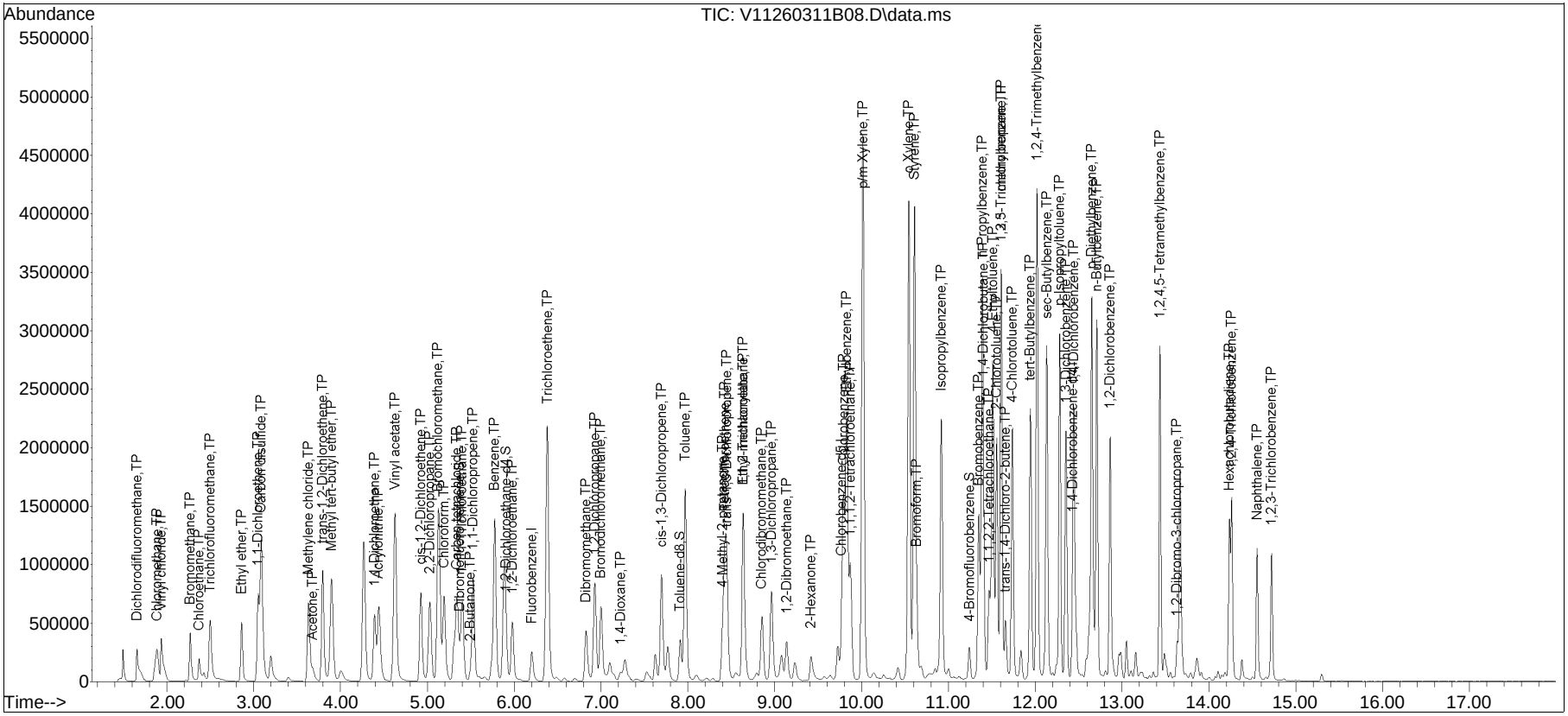
(#) = qualifier out of range (m) = manual integration (+) = signals summed

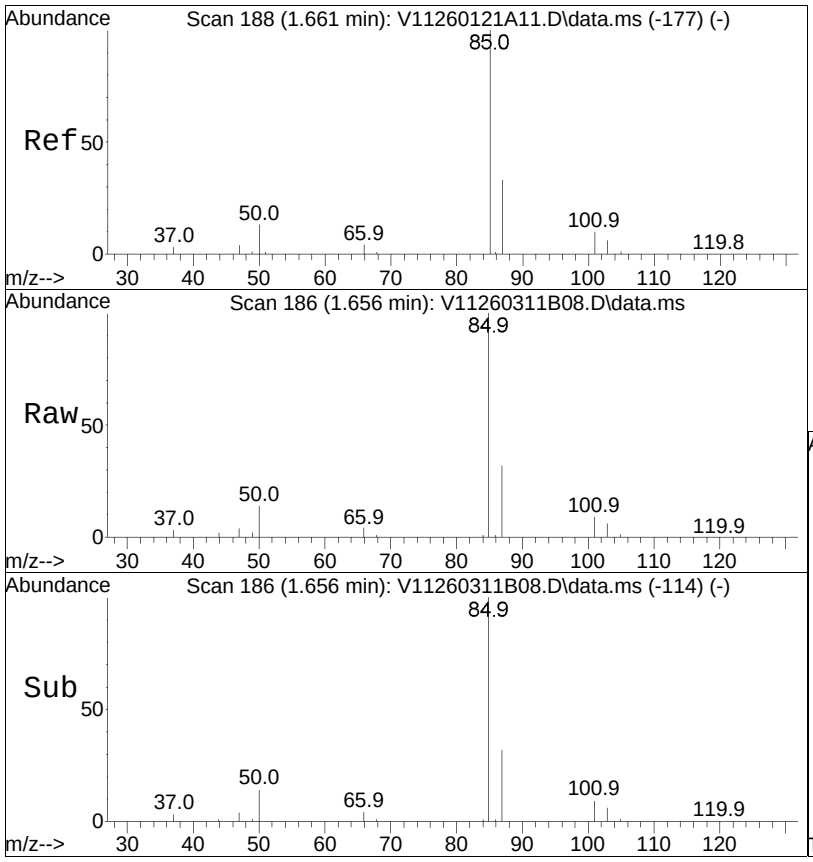
Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B08.D
Acq On : 11 Mar 2026 04:03 pm
Operator : VOA111:RAW
Sample : WG2183467-6,31H,5.55,5,0.100,,A,30.04,36.09
Misc : WG2183467,ICAL22987
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 11 16:29:44 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox260311B01.D•

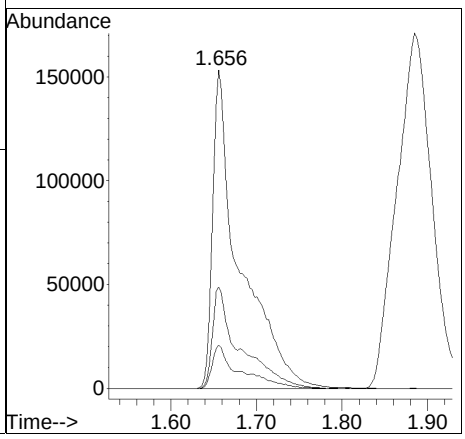


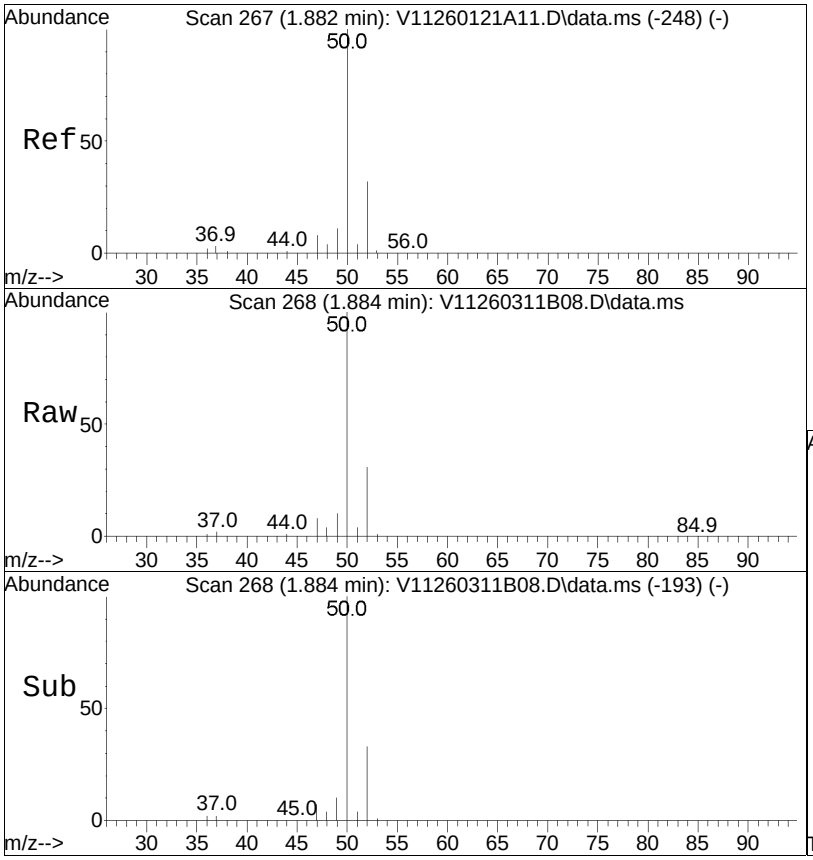


#2
Dichlorodifluoromethane
Concen: 111.80 ug/L
RT: 1.656 min Scan# 186
Delta R.T. -0.000 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 85 Resp: 337275

Ion	Ratio	Lower	Upper
85	100		
87	32.0	20.7	43.1
50	9.9	9.8	20.3

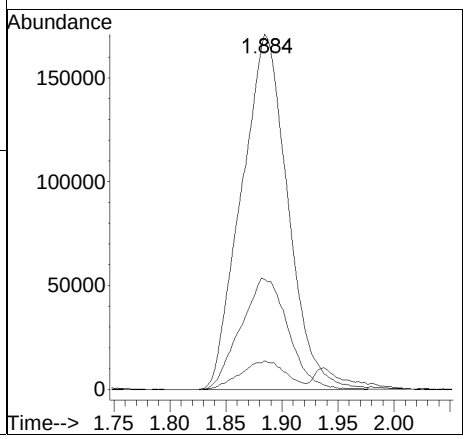


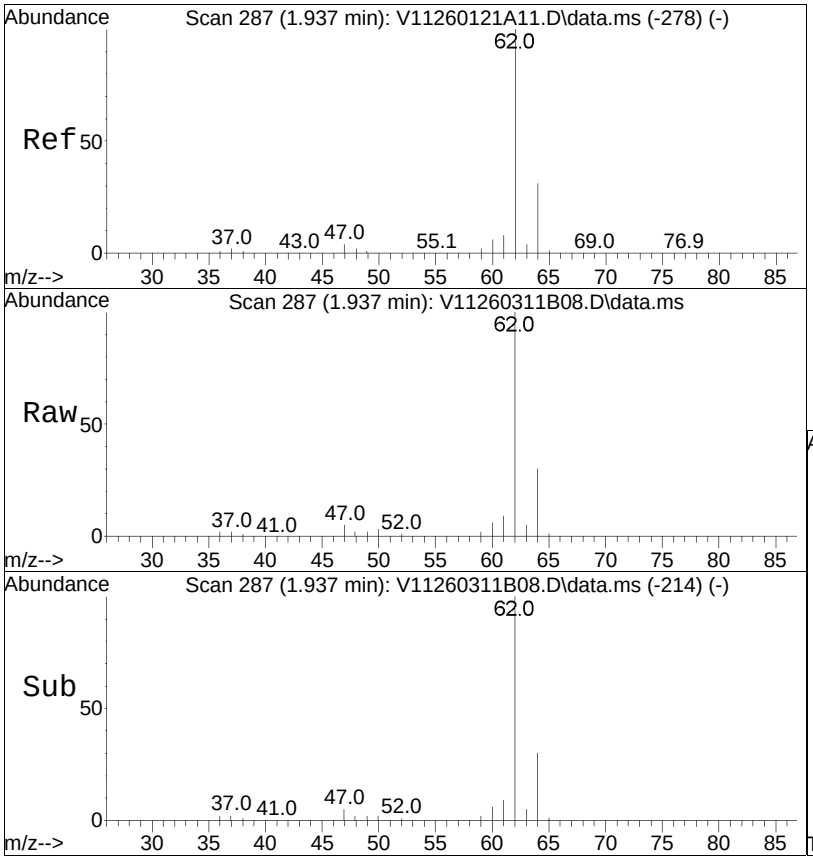


#3
Chloromethane
Concen: 150.97 ug/L
RT: 1.884 min Scan# 268
Delta R.T. 0.008 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 50 Resp: 491612

Ion	Ratio	Lower	Upper
50	100		
52	32.1	10.9	50.9
47	7.9	0.0	27.2

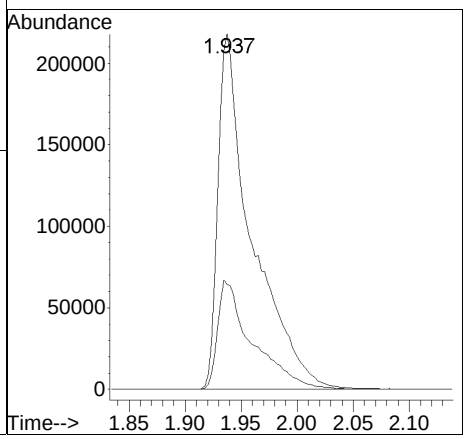


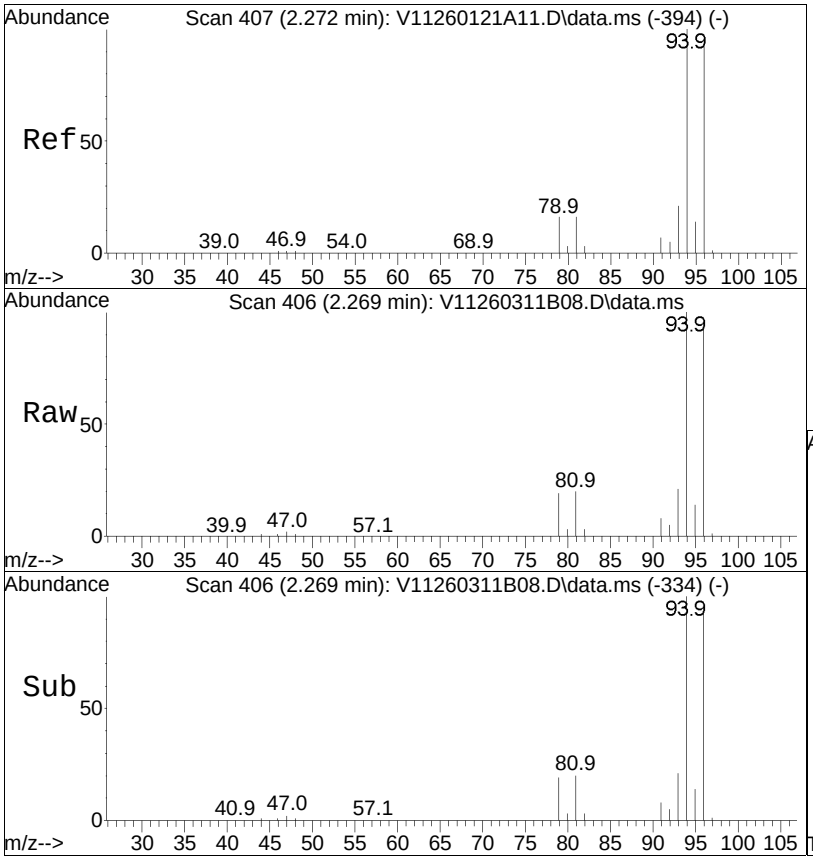


#4
Vinyl chloride
Concen: 127.17 ug/L
RT: 1.937 min Scan# 287
Delta R.T. 0.003 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 62 Resp: 458373

Ion	Ratio	Lower	Upper
62	100		
64	31.3	9.9	49.9

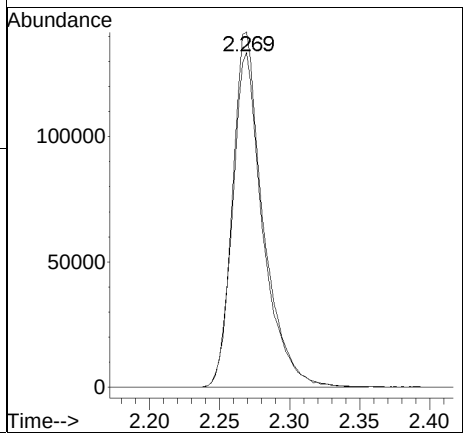


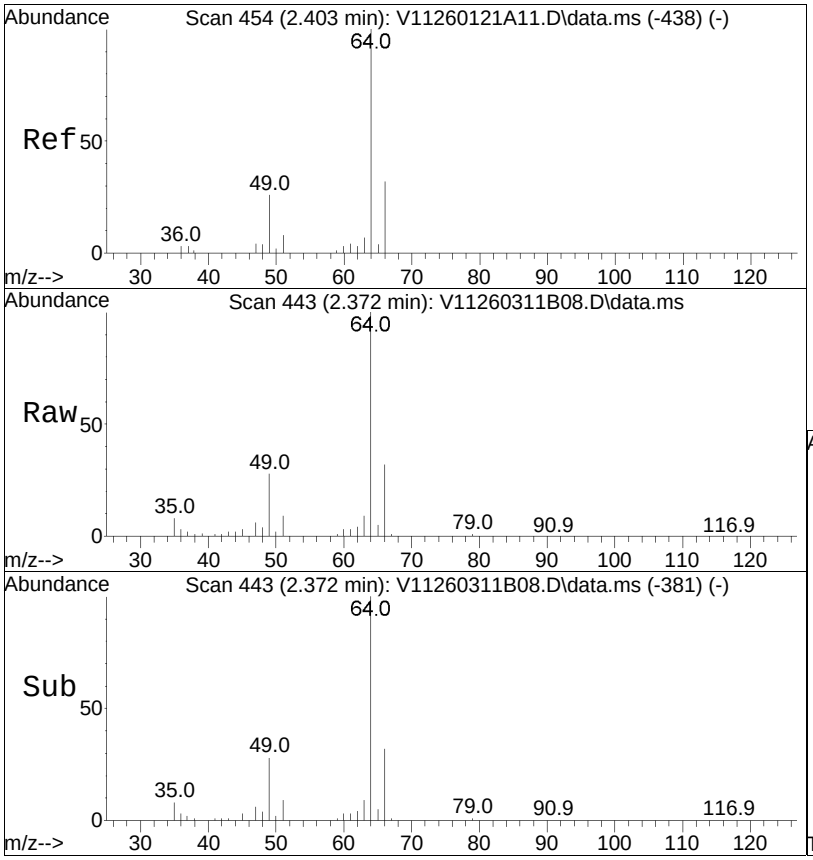


#5
Bromomethane
Concen: 78.32 ug/L
RT: 2.269 min Scan# 406
Delta R.T. -0.000 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 94 Resp: 216353

Ion	Ratio	Lower	Upper
94	100		
96	93.1	72.6	112.6

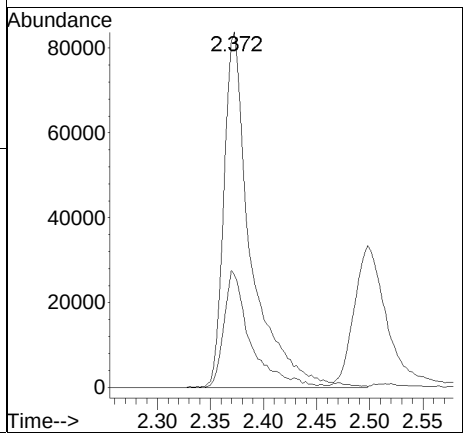


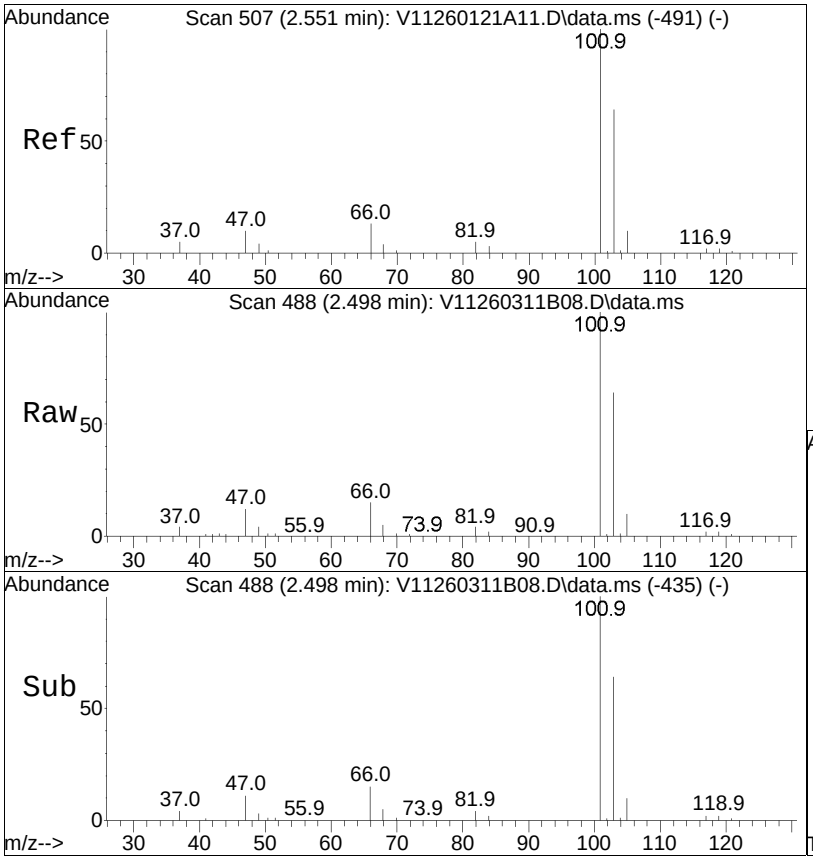


#6
Chloroethane
Concen: 68.21 ug/L
RT: 2.372 min Scan# 443
Delta R.T. -0.028 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 64 Resp: 147924

Ion	Ratio	Lower	Upper
64	100		
66	31.1	10.2	50.2

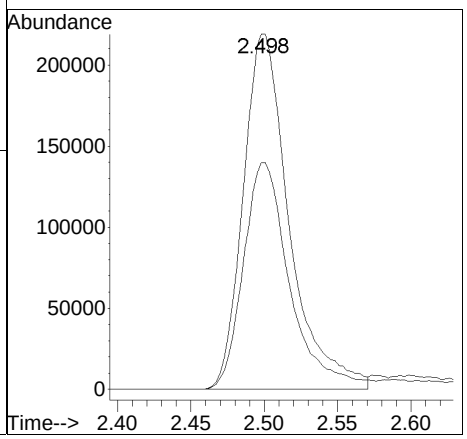


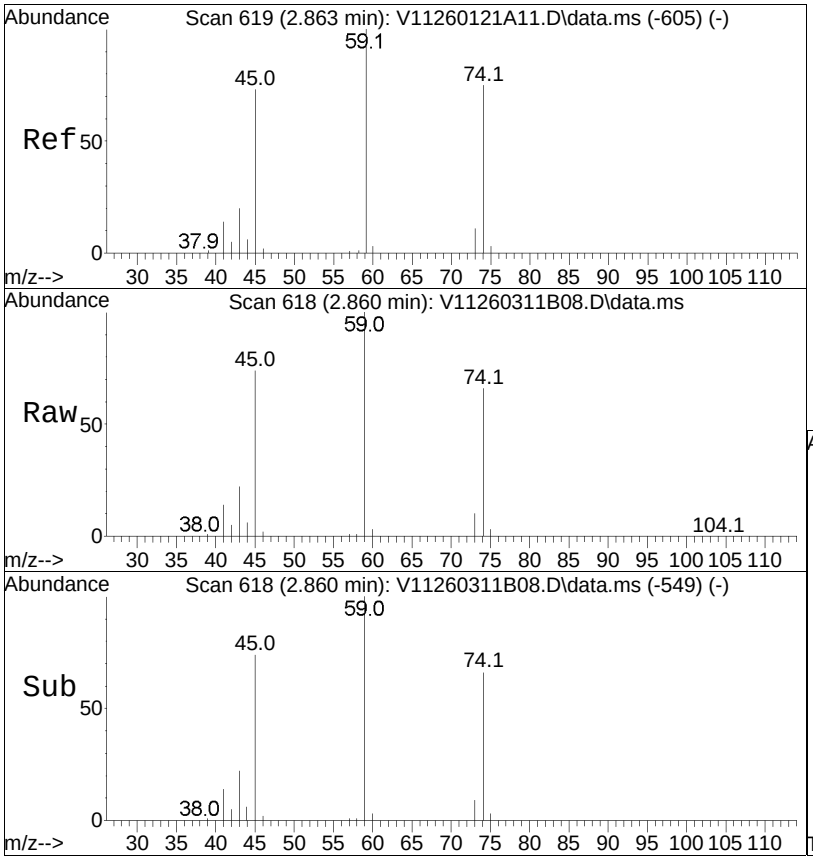


#7
Trichlorofluoromethane
Concen: 115.33 ug/L
RT: 2.498 min Scan# 488
Delta R.T. -0.053 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:101 Resp: 479651

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.8	77.6

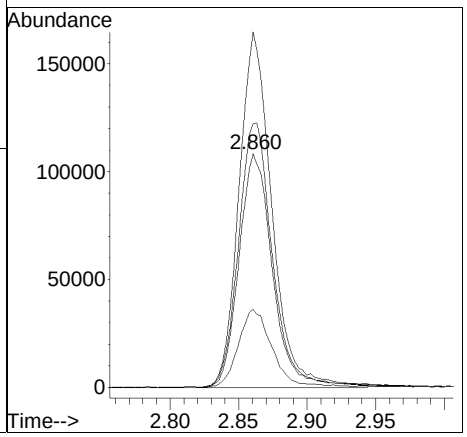


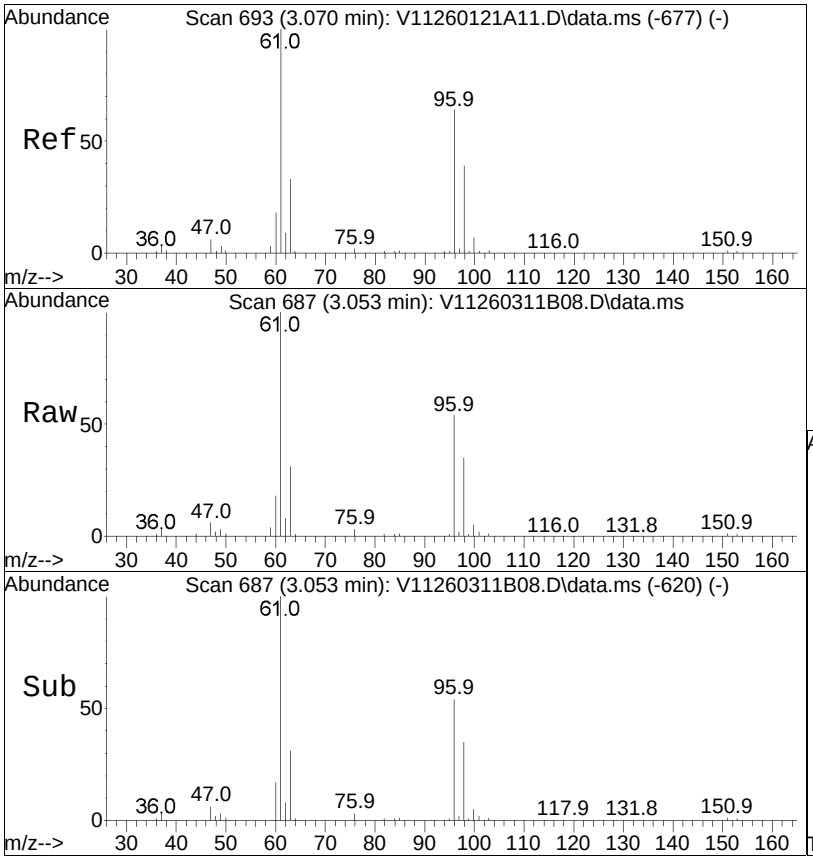


#8
Ethyl ether
Concen: 106.47 ug/L
RT: 2.860 min Scan# 618
Delta R.T. -0.008 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 74 Resp: 185301

Ion	Ratio	Lower	Upper
74	100		
59	149.3	113.5	235.7
45	115.1	100.4	208.4
43	33.3	27.1	56.3

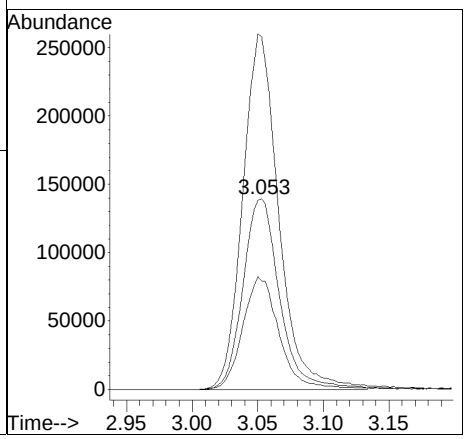


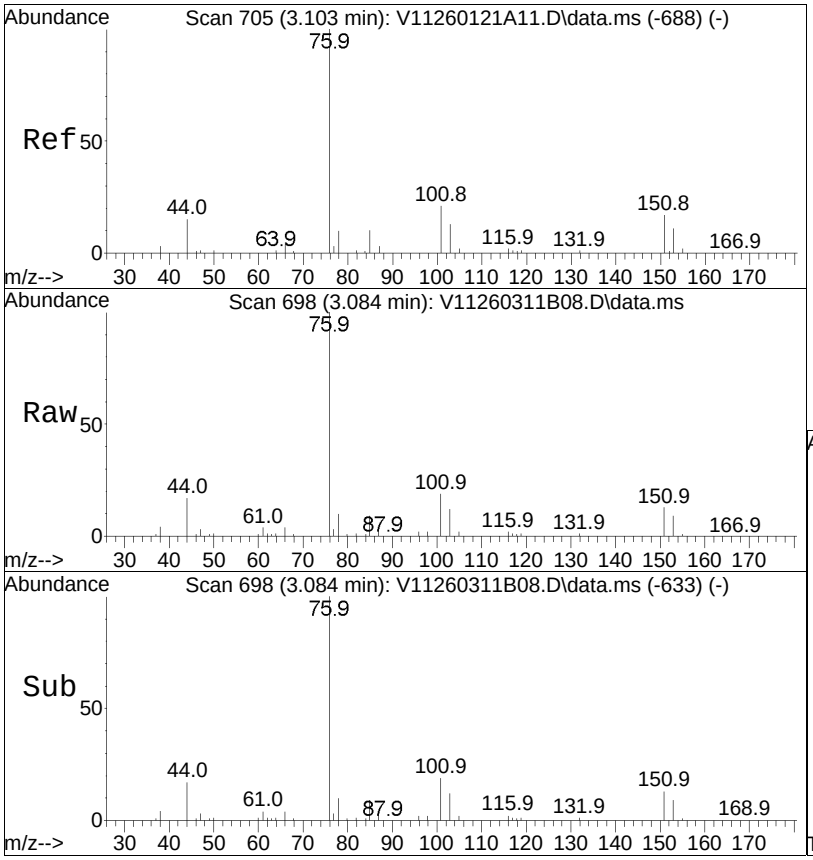


#10
1,1-Dichloroethene
Concen: 105.90 ug/L
RT: 3.053 min Scan# 687
Delta R.T. -0.014 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 96 Resp: 270788

Ion	Ratio	Lower	Upper
96	100		
61	184.5	157.7	236.5
63	58.9	47.9	71.9

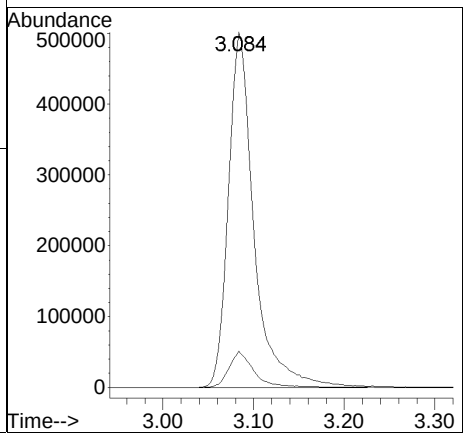


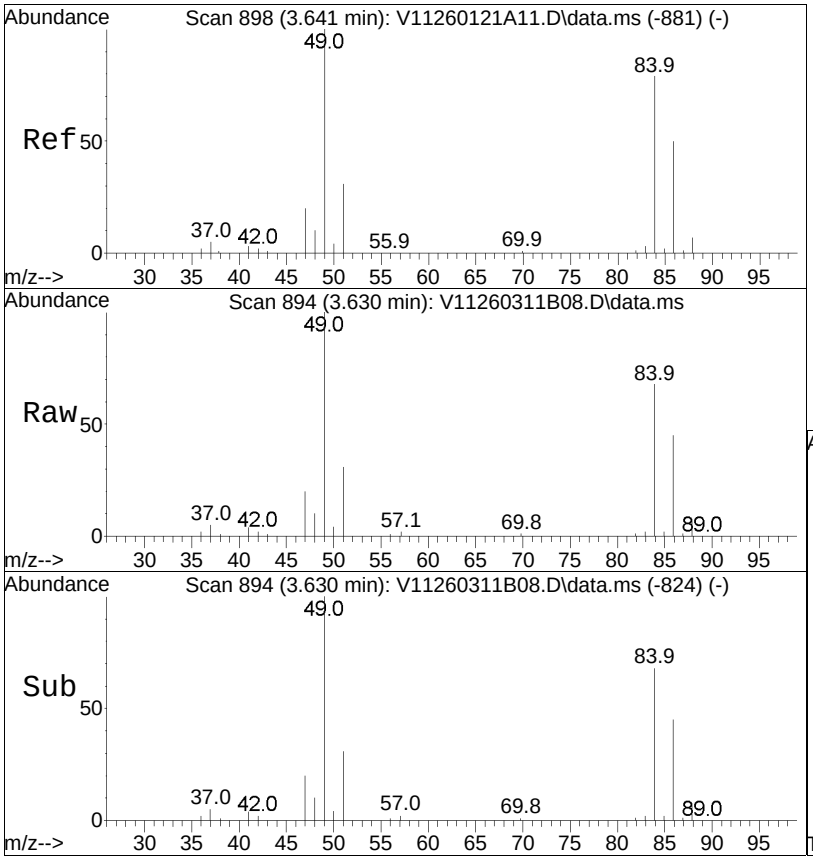


#11
Carbon disulfide
Concen: 102.85 ug/L
RT: 3.084 min Scan# 698
Delta R.T. -0.020 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 76 Resp: 988098

Ion	Ratio	Lower	Upper
76	100		
78	9.9	6.4	13.4

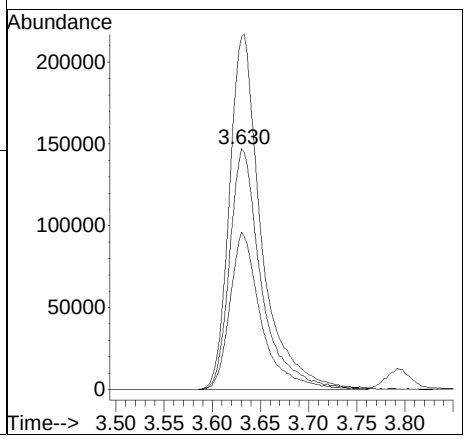


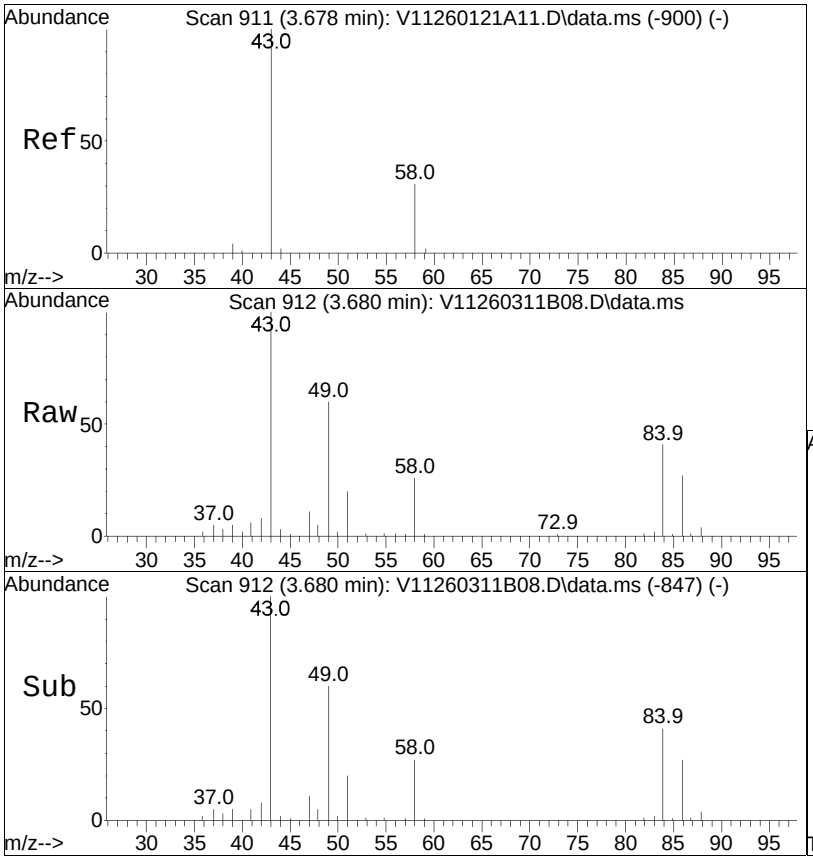


#15
Methylene chloride
Concen: 97.32 ug/L
RT: 3.630 min Scan# 894
Delta R.T. -0.006 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 84 Resp: 337194

Ion	Ratio	Lower	Upper
84	100		
86	64.4	41.1	85.3
49	148.2	124.2	258.0

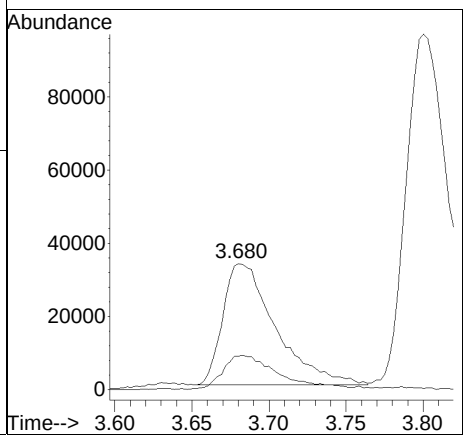


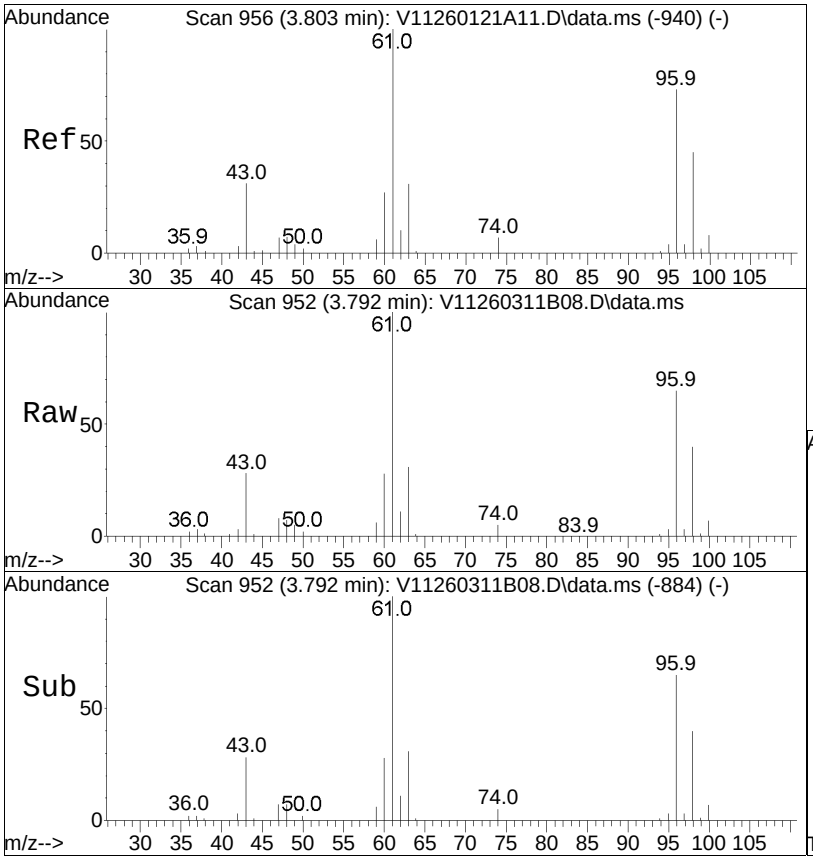


#17
Acetone
Concen: 95.91 ug/L
RT: 3.680 min Scan# 912
Delta R.T. -0.020 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 43 Resp: 78752

Ion	Ratio	Lower	Upper
43	100		
58	29.9	20.8	31.2

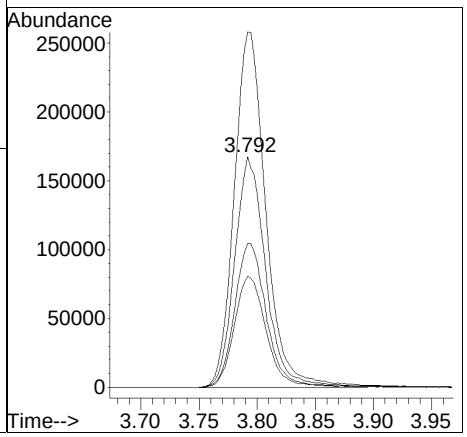


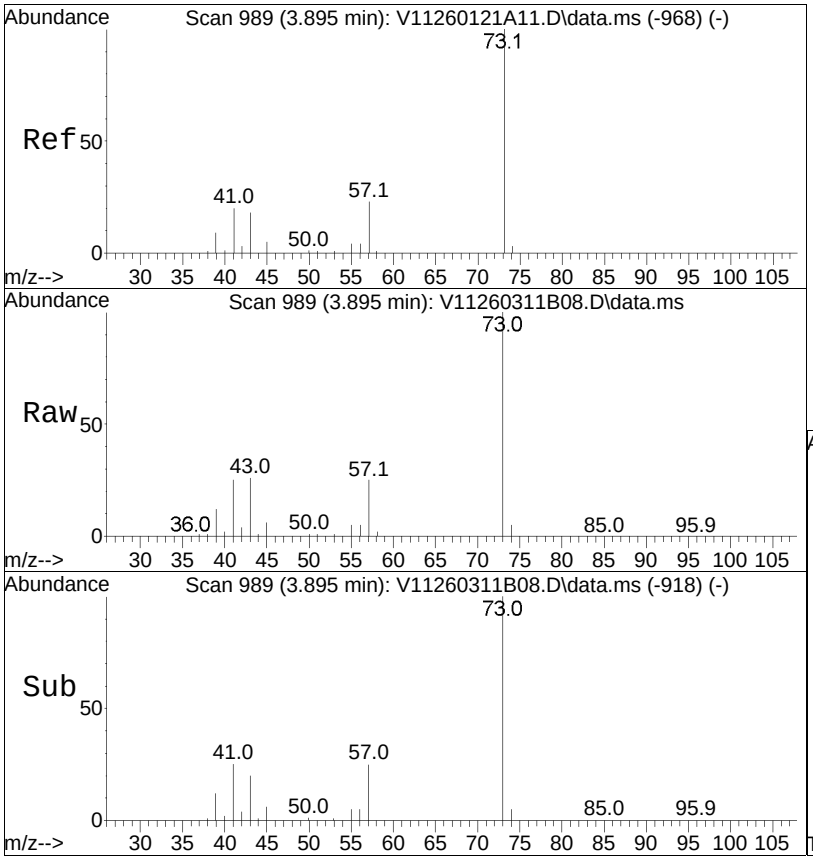


#18
trans-1,2-Dichloroethene
Concen: 103.53 ug/L
RT: 3.792 min Scan# 952
Delta R.T. -0.011 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 96 Resp: 312178

Ion	Ratio	Lower	Upper
96	100		
61	157.0	111.1	230.8
98	63.7	41.8	86.8
63	49.4	33.3	69.1

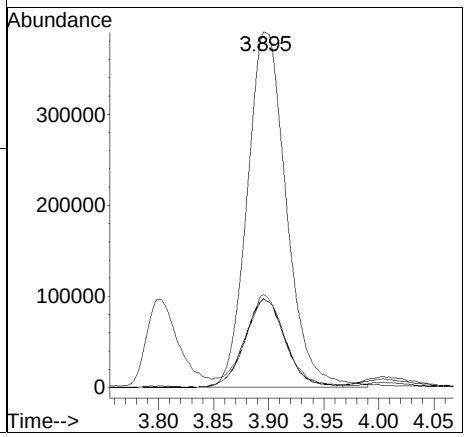


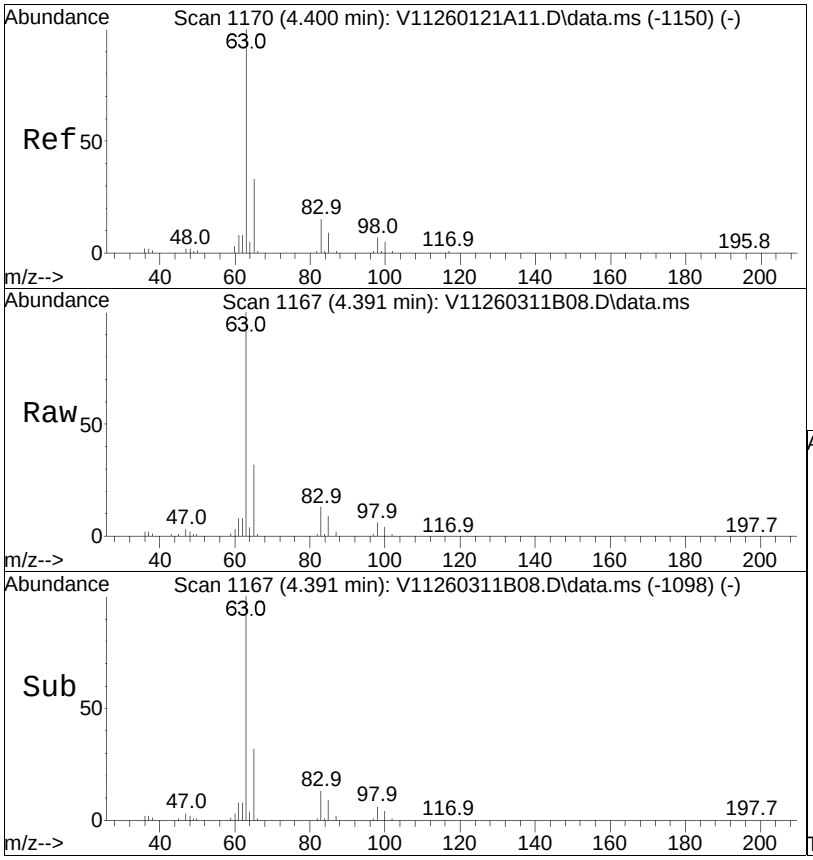


#20
Methyl tert-butyl ether
Concen: 103.84 ug/L
RT: 3.895 min Scan# 989
Delta R.T. -0.003 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 73 Resp: 964698

Ion	Ratio	Lower	Upper
73	100		
57	25.8	19.6	40.6
43	26.1	18.5	38.3
41	25.2	20.3	42.1

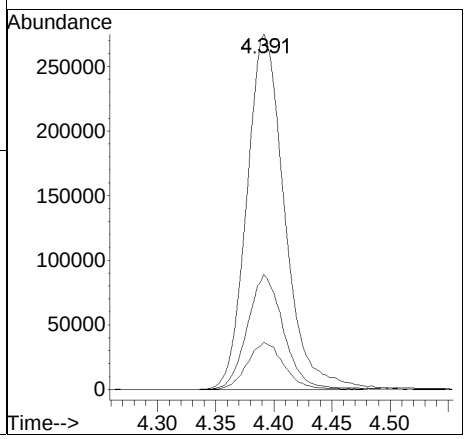


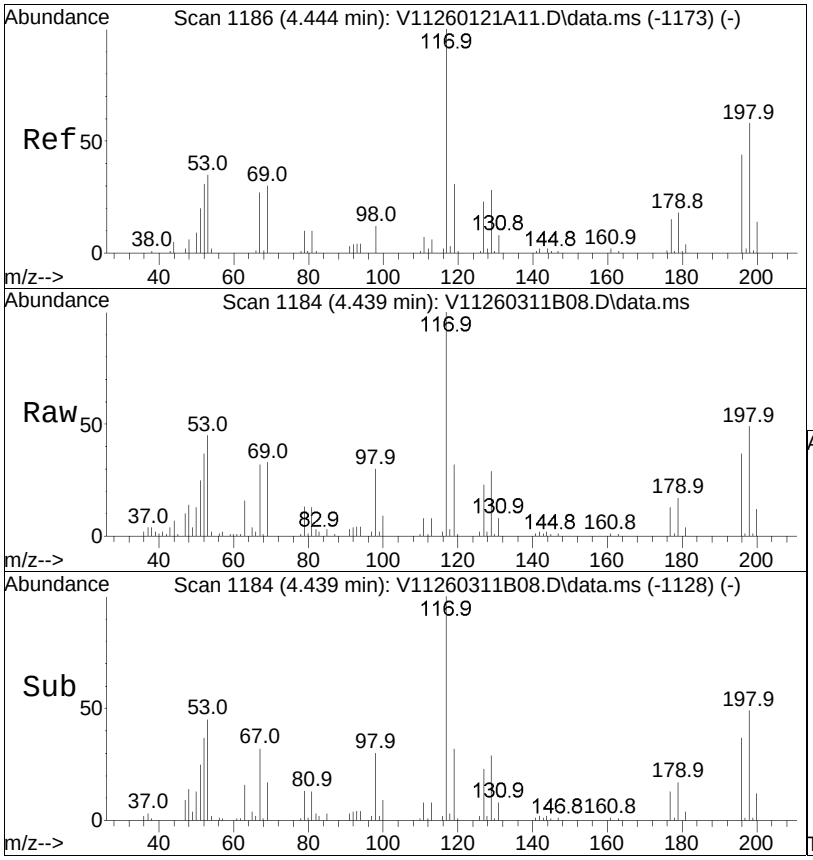


#23
1,1-Dichloroethane
Concen: 112.24 ug/L
RT: 4.391 min Scan# 1167
Delta R.T. -0.008 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 63 Resp: 620107

Ion	Ratio	Lower	Upper
63	100		
65	31.2	9.0	49.0
83	12.9	0.0	31.4

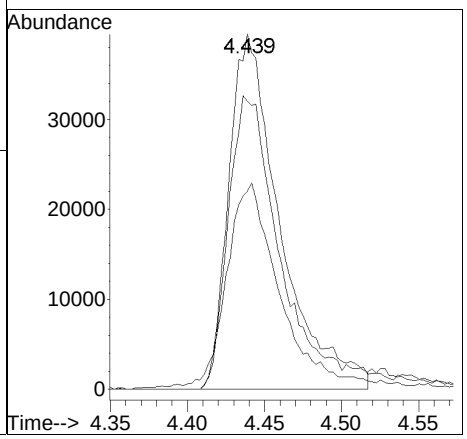


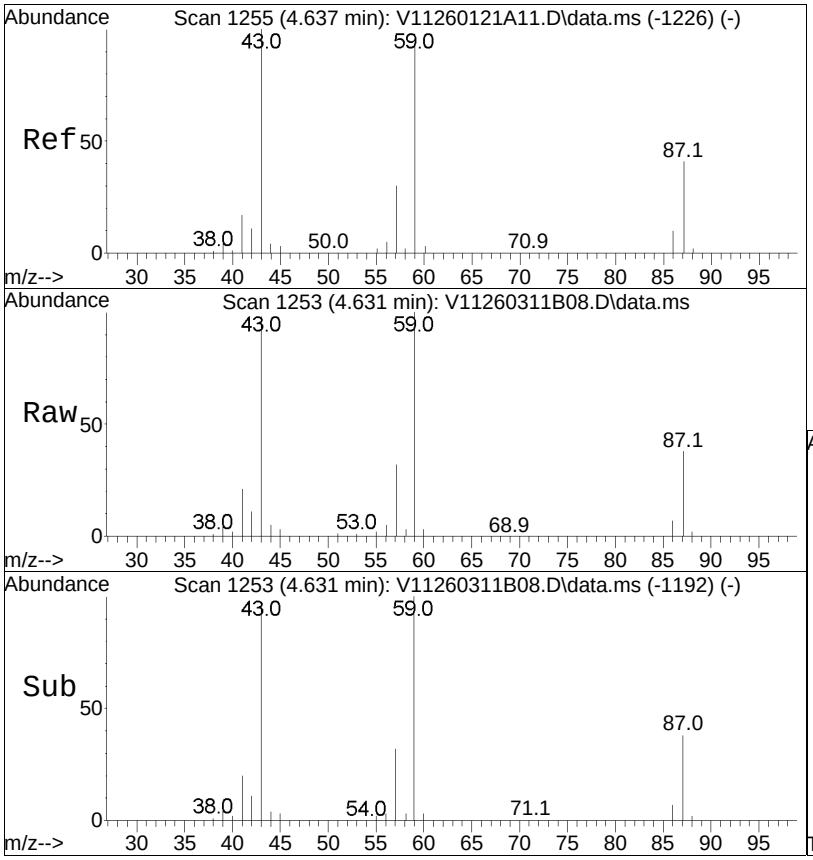


#25
Acrylonitrile
Concen: 113.38 ug/L
RT: 4.439 min Scan# 1184
Delta R.T. -0.045 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 53 Resp: 91629

Ion	Ratio	Lower	Upper
53	100		
52	85.3	66.9	100.3
51	60.7	42.6	63.8

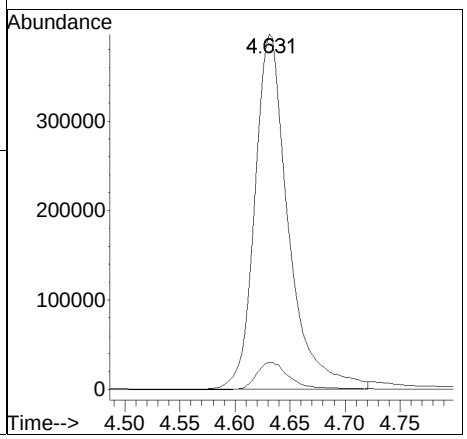


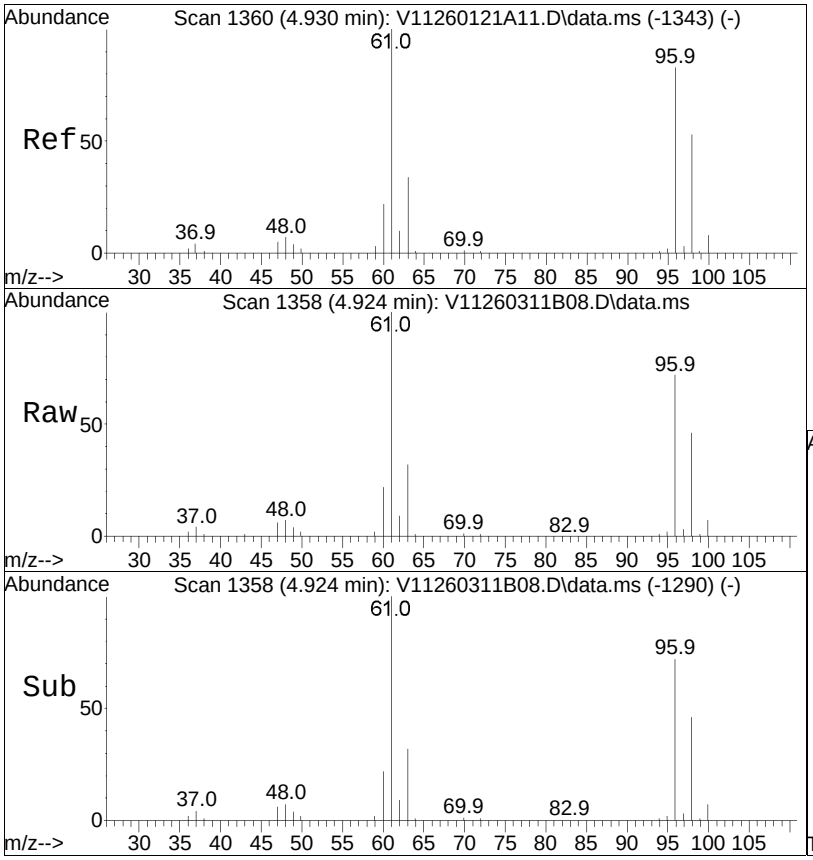


#27
Vinyl acetate
Concen: 117.57 ug/L
RT: 4.631 min Scan# 1253
Delta R.T. -0.031 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 43 Resp: 844766

Ion	Ratio	Lower	Upper
43	100		
86	7.6	4.6	6.8#

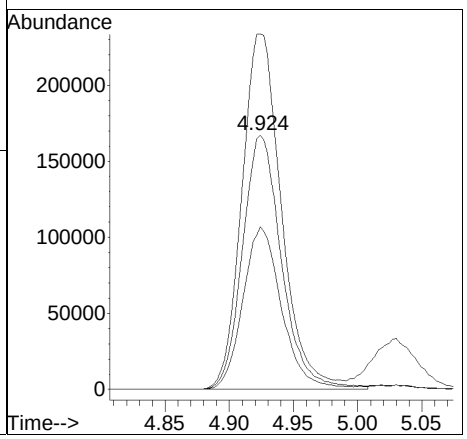


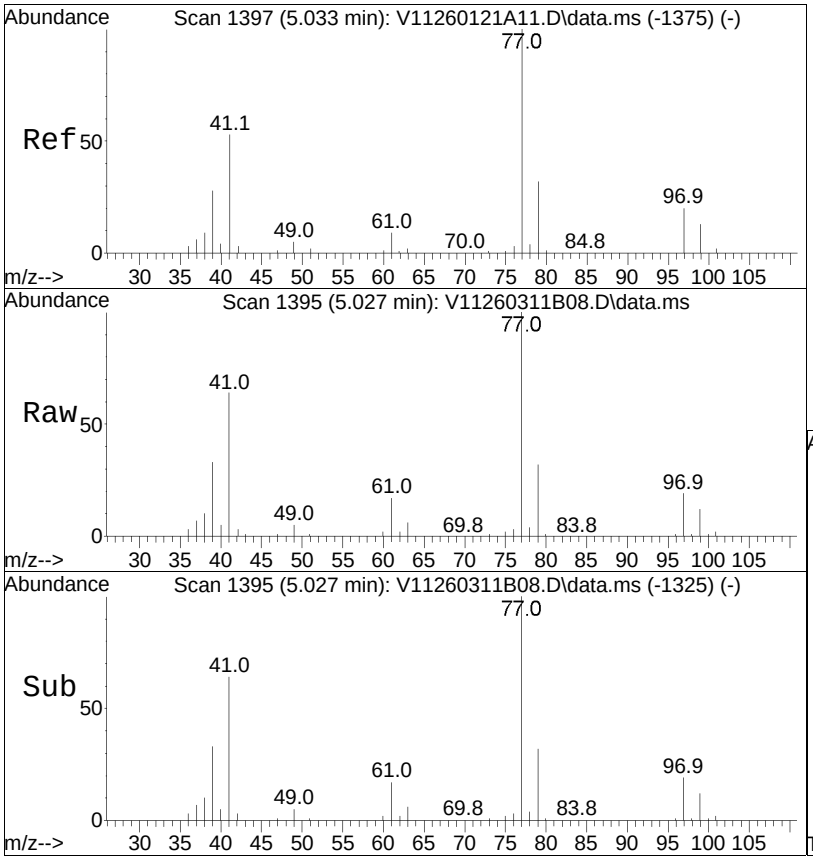


#28
cis-1,2-Dichloroethene
Concen: 102.93 ug/L
RT: 4.924 min Scan# 1358
Delta R.T. -0.011 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 96 Resp: 354324

Ion	Ratio	Lower	Upper
96	100		
61	141.4	126.3	189.5
98	63.2	51.0	76.6

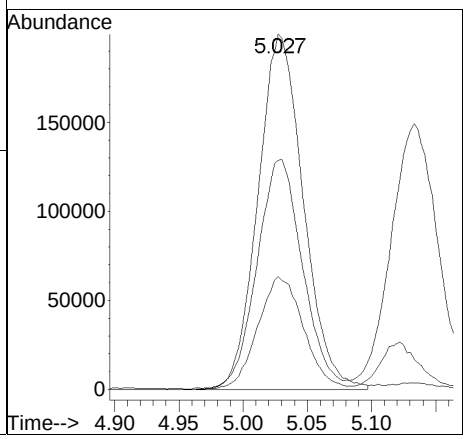


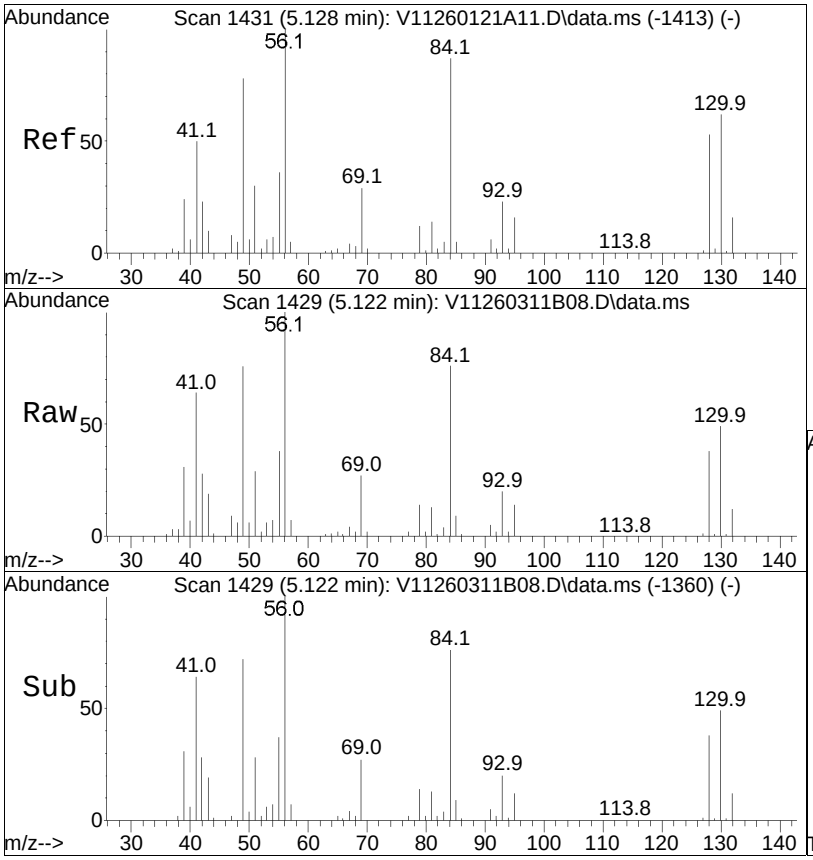


#29
2,2-Dichloropropane
Concen: 109.15 ug/L
RT: 5.027 min Scan# 1395
Delta R.T. -0.006 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 77 Resp: 490622

Ion	Ratio	Lower	Upper
77	100		
41	65.1	45.5	94.5
79	32.1	20.9	43.3

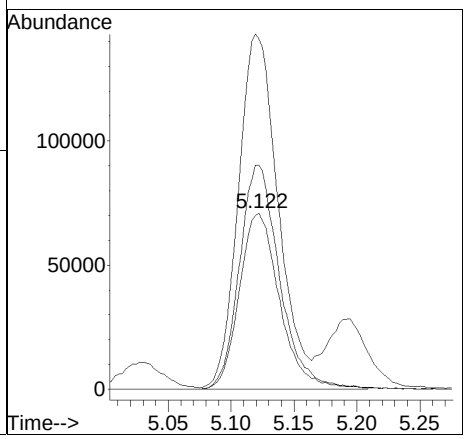


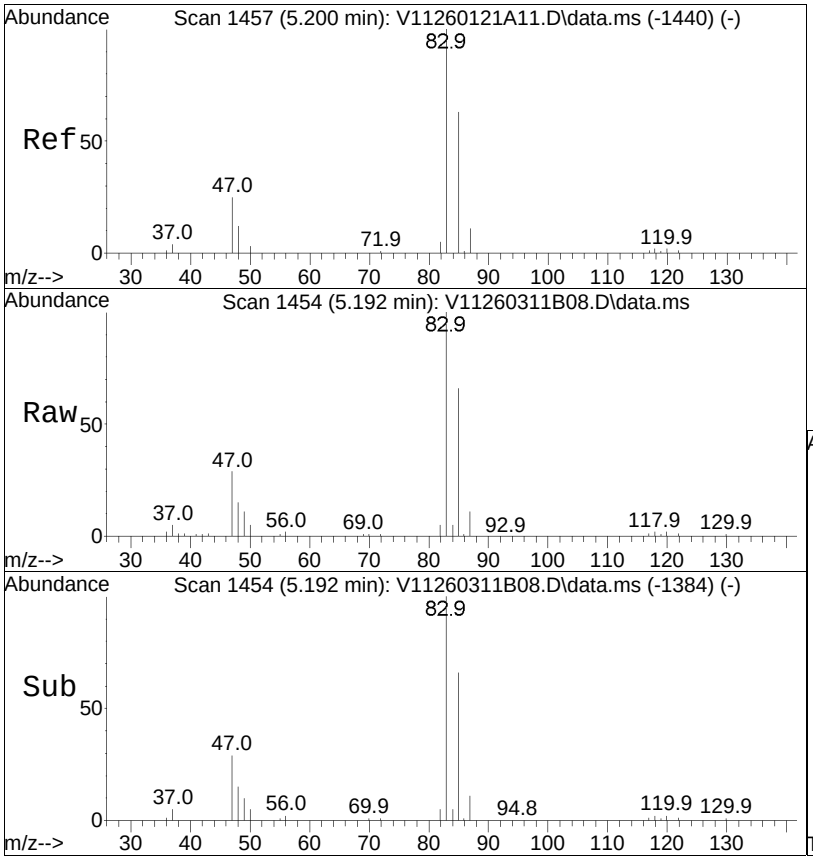


#30
Bromochloromethane
Concen: 97.26 ug/L
RT: 5.122 min Scan# 1429
Delta R.T. -0.008 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:128 Resp: 158535

Ion	Ratio	Lower	Upper
128	100		
49	196.9	201.3	301.9#
130	126.6	106.2	159.2

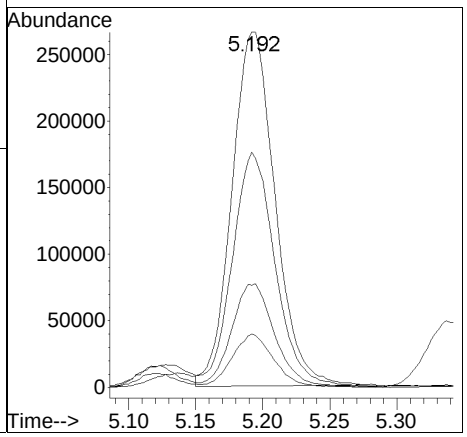


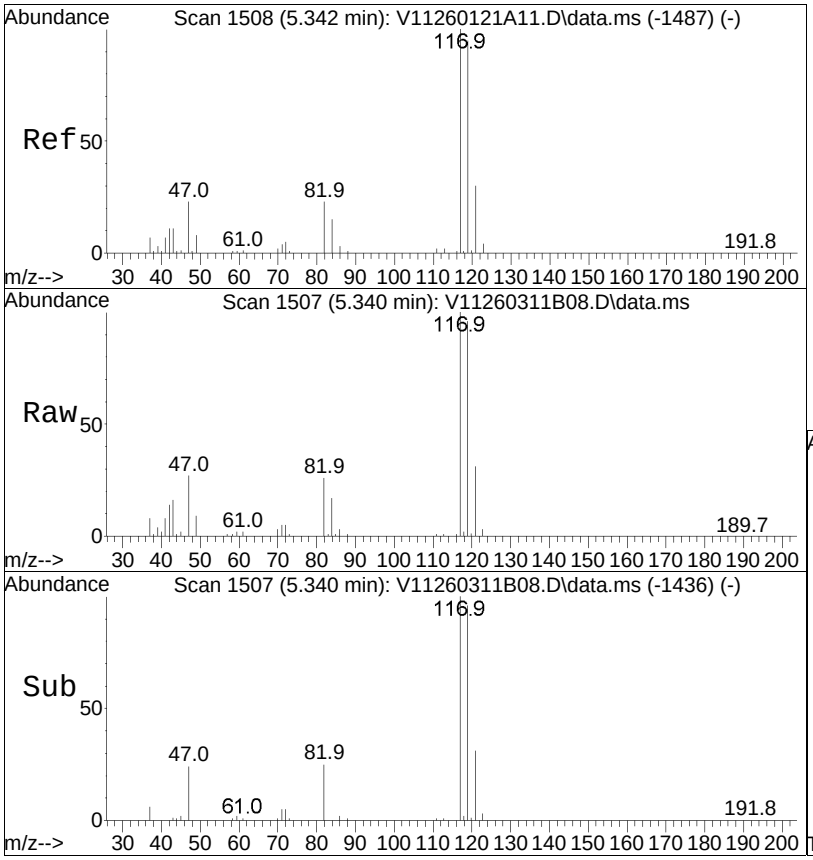


#32
Chloroform
Concen: 102.99 ug/L
RT: 5.192 min Scan# 1454
Delta R.T. -0.006 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 83 Resp: 597054

Ion	Ratio	Lower	Upper
83	100		
85	65.3	41.9	87.1
47	28.9	20.9	43.3
48	14.8	9.9	20.5

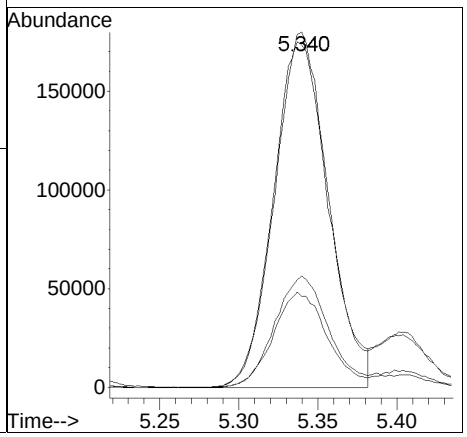


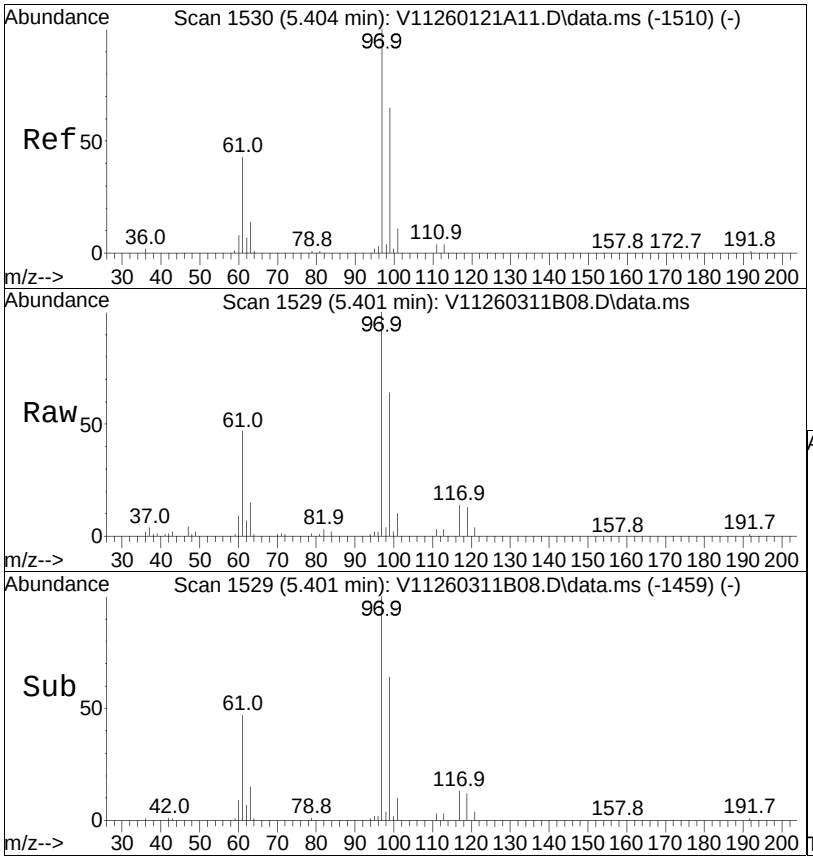


#34
Carbon tetrachloride
Concen: 103.69 ug/L
RT: 5.340 min Scan# 1507
Delta R.T. -0.003 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:117 Resp: 432687

Ion	Ratio	Lower	Upper
117	100		
119	96.5	64.0	132.8
121	31.0	20.7	42.9
82	26.7	16.3	33.8

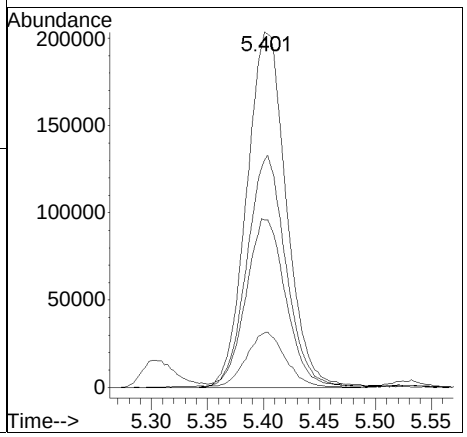


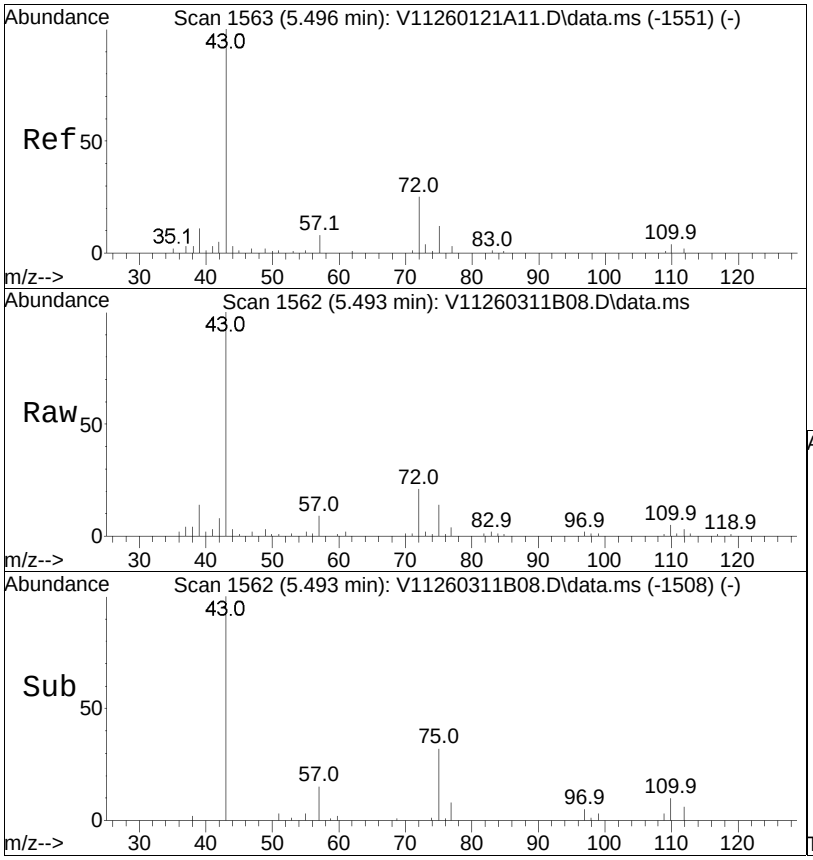


#37
1,1,1-Trichloroethane
Concen: 109.12 ug/L
RT: 5.401 min Scan# 1529
Delta R.T. -0.003 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 97 Resp: 501757

Ion	Ratio	Lower	Upper
97	100		
99	63.9	41.5	86.1
61	48.0	32.2	67.0
63	14.6	10.1	20.9

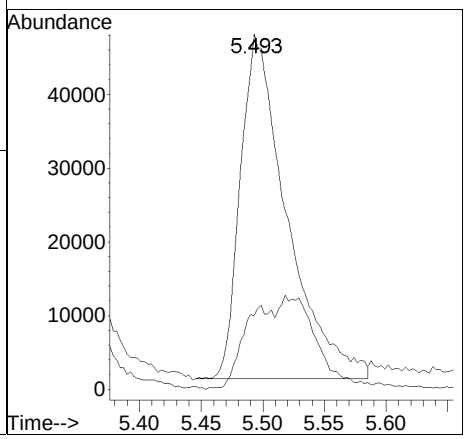


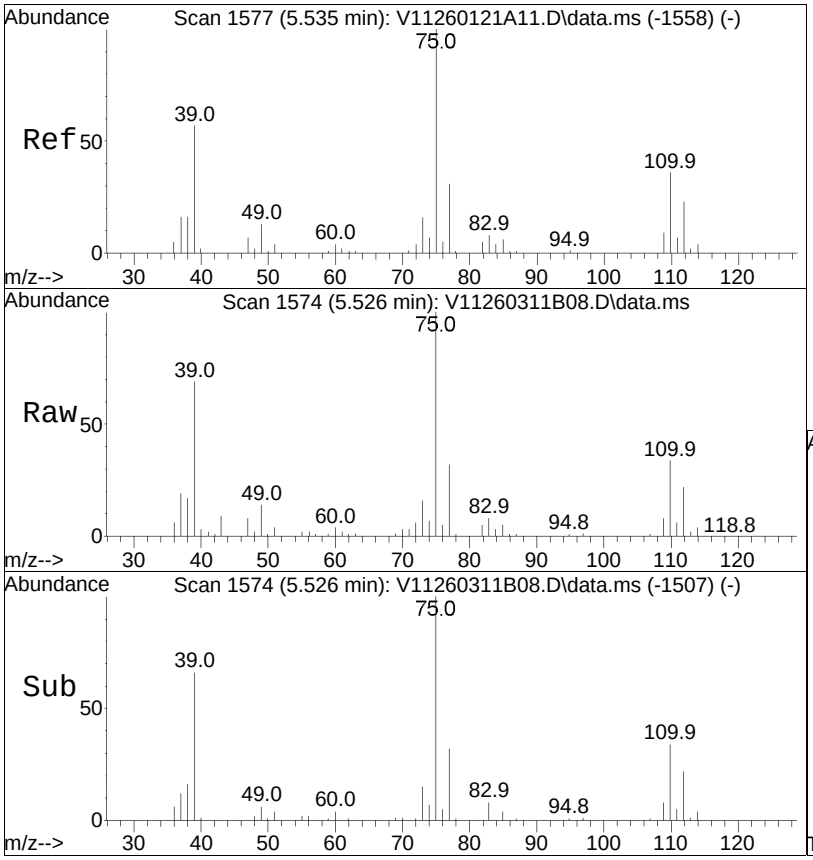


#39
2-Butanone
Concen: 135.55 ug/L
RT: 5.493 min Scan# 1562
Delta R.T. -0.050 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 43 Resp: 122565

Ion	Ratio	Lower	Upper
43	100		
72	13.5	21.0	31.6#

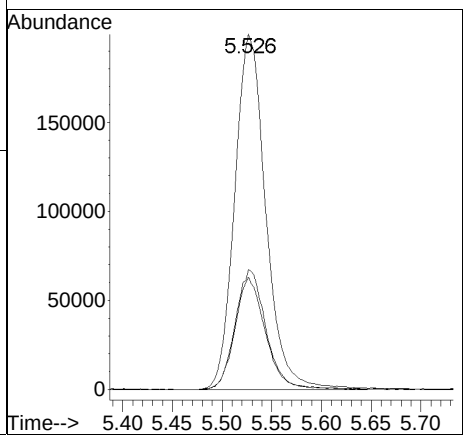


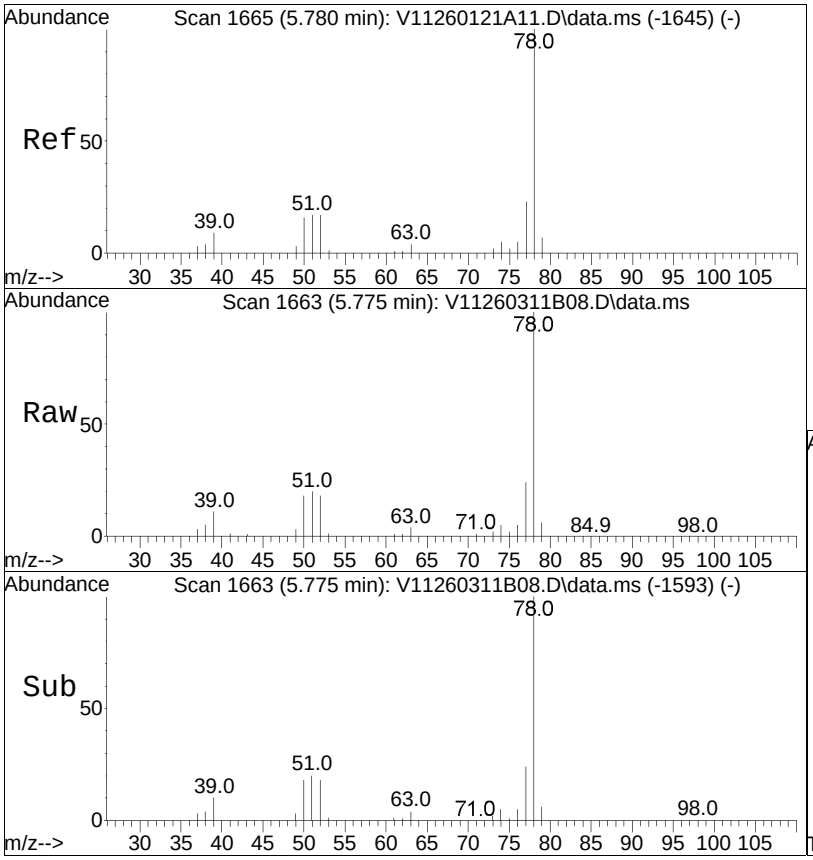


#40
1,1-Dichloropropene
Concen: 118.19 ug/L
RT: 5.526 min Scan# 1574
Delta R.T. -0.014 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 75 Resp: 434298

Ion	Ratio	Lower	Upper
75	100		
110	33.2	23.6	49.0
77	30.6	20.2	41.9

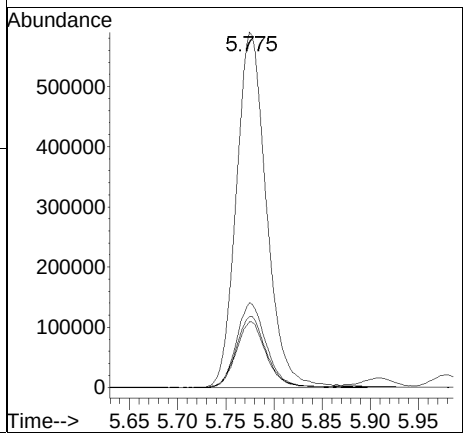


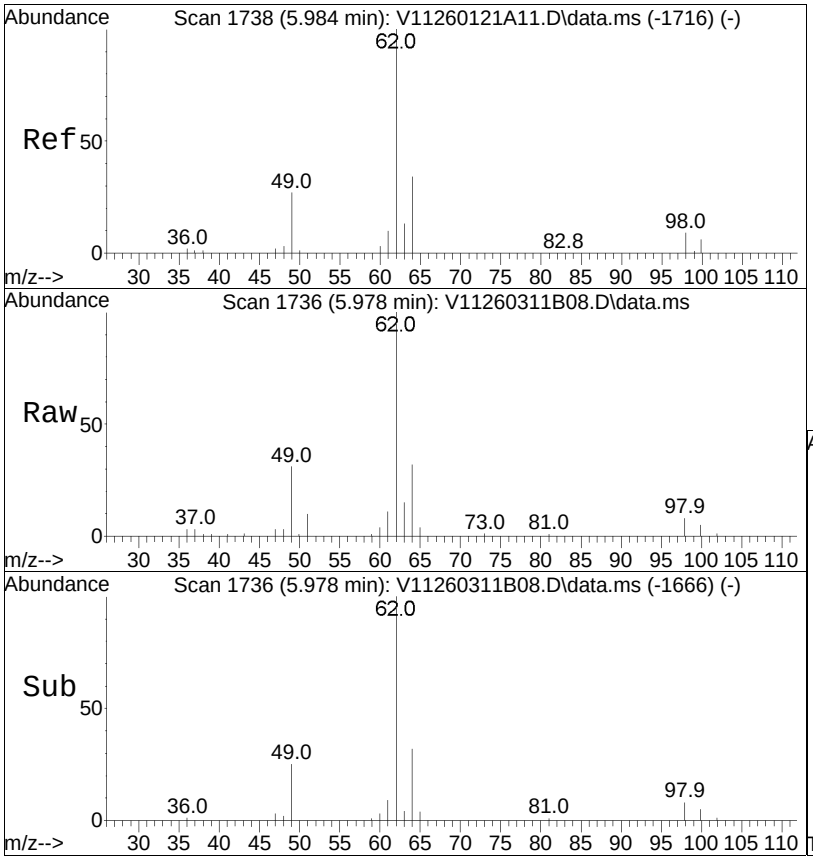


#41
Benzene
Concen: 107.47 ug/L
RT: 5.775 min Scan# 1663
Delta R.T. -0.006 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 78 Resp: 1285183

Ion	Ratio	Lower	Upper
78	100		
77	23.5	15.1	31.3
51	19.9	15.8	32.8
52	18.3	15.6	32.4

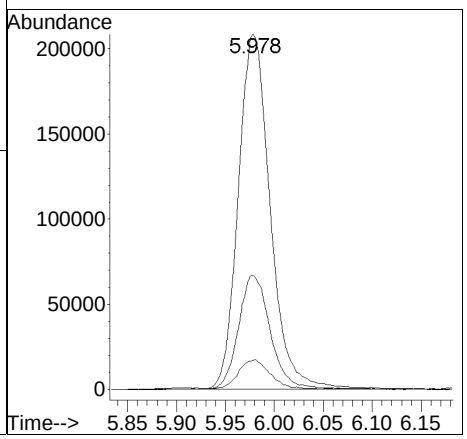


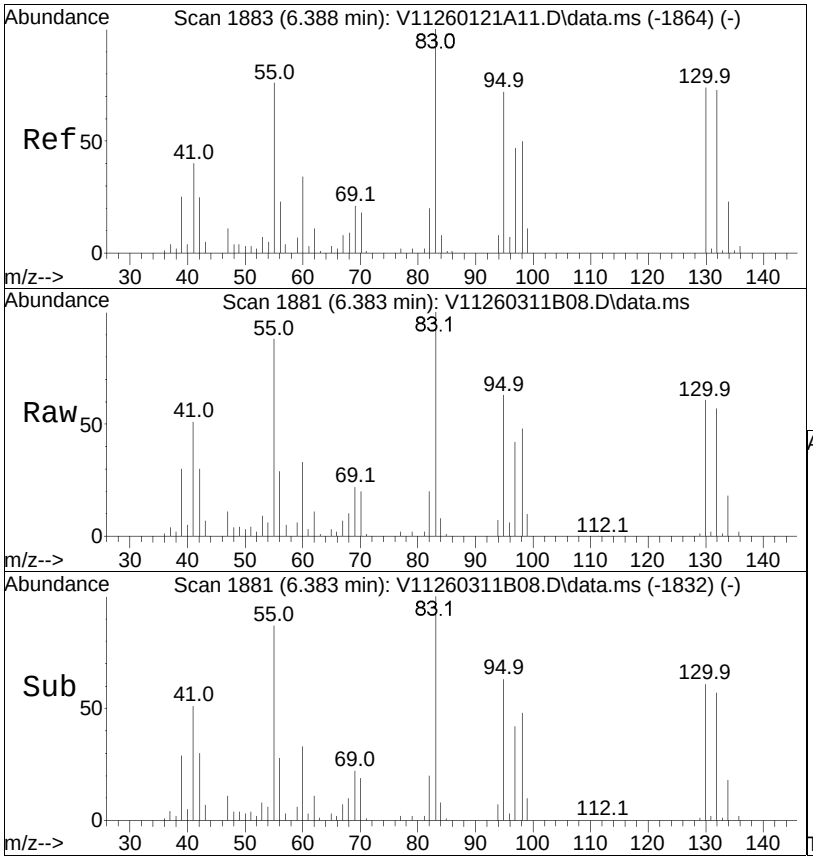


#44
1,2-Dichloroethane
Concen: 115.33 ug/L
RT: 5.978 min Scan# 1736
Delta R.T. -0.006 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 62 Resp: 473201

Ion	Ratio	Lower	Upper
62	100		
64	31.9	11.1	51.1
98	8.1	0.0	28.0

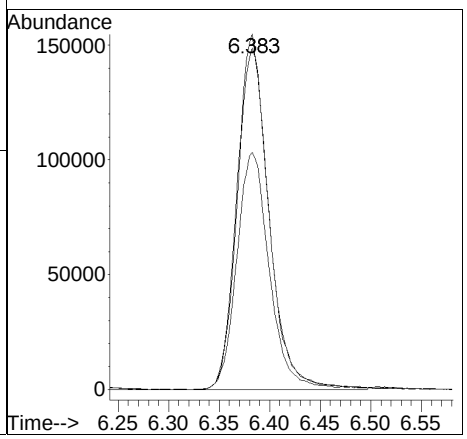


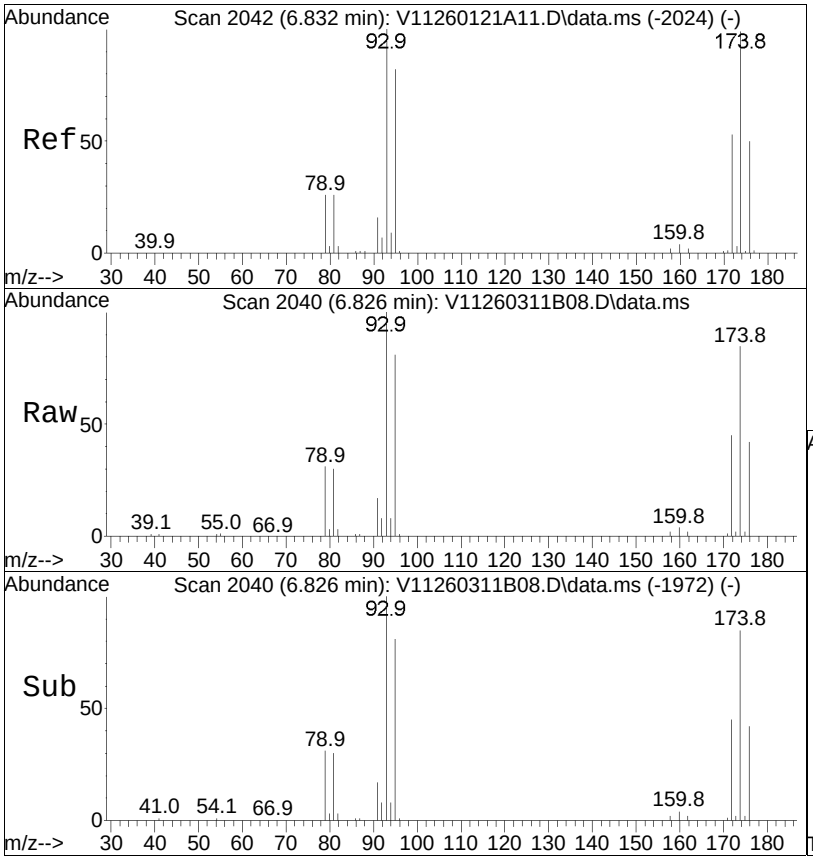


#48
Trichloroethene
Concen: 104.93 ug/L
RT: 6.383 min Scan# 1881
Delta R.T. -0.014 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 95 Resp: 338793

Ion	Ratio	Lower	Upper
95	100		
97	68.3	54.3	81.5
130	97.0	84.6	126.8

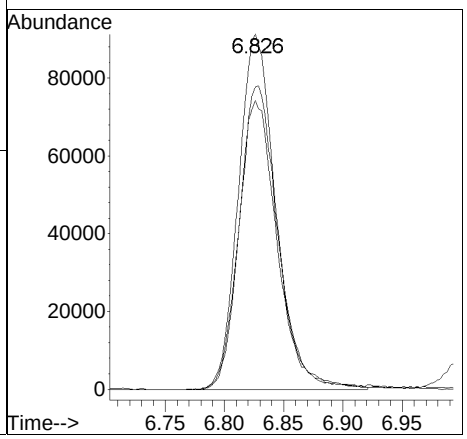


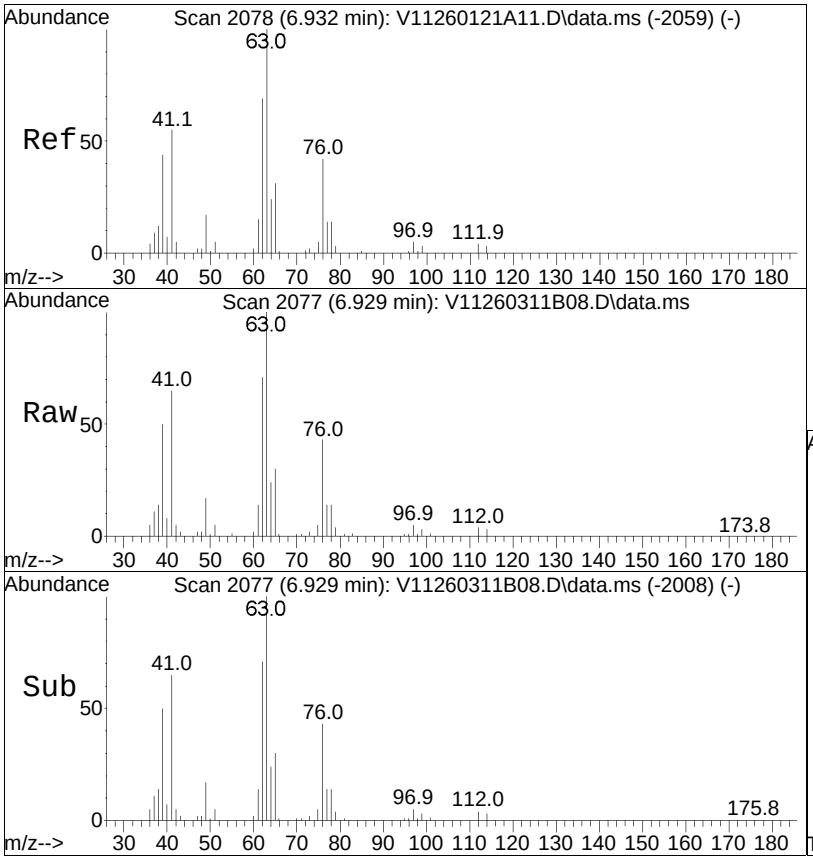


#50
Dibromomethane
Concen: 101.64 ug/L
RT: 6.826 min Scan# 2040
Delta R.T. -0.011 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 93 Resp: 202281

Ion	Ratio	Lower	Upper
93	100		
95	83.5	65.7	98.5
174	86.3	80.2	120.4

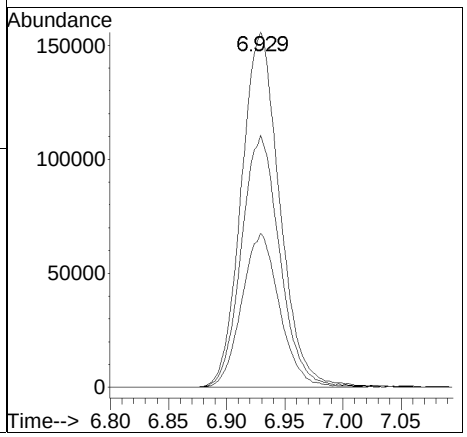


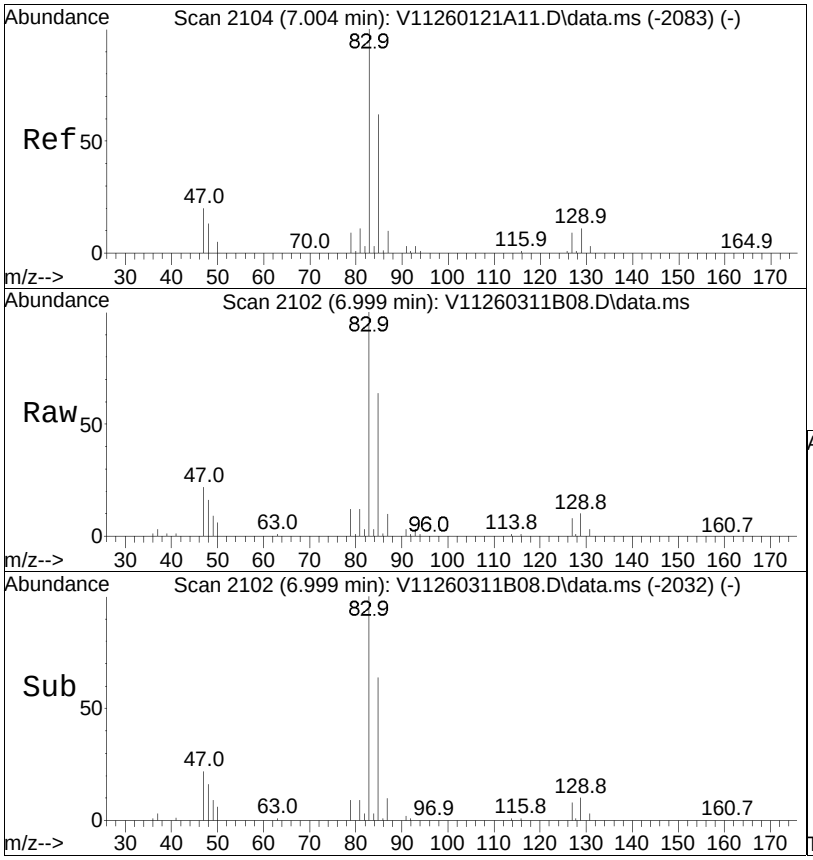


#51
1,2-Dichloropropane
Concen: 111.88 ug/L
RT: 6.929 min Scan# 2077
Delta R.T. -0.008 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 63 Resp: 358608

Ion	Ratio	Lower	Upper
63	100		
62	70.5	57.9	86.9
76	42.7	30.1	45.1

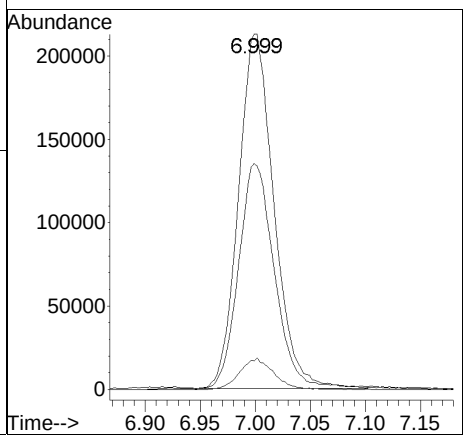


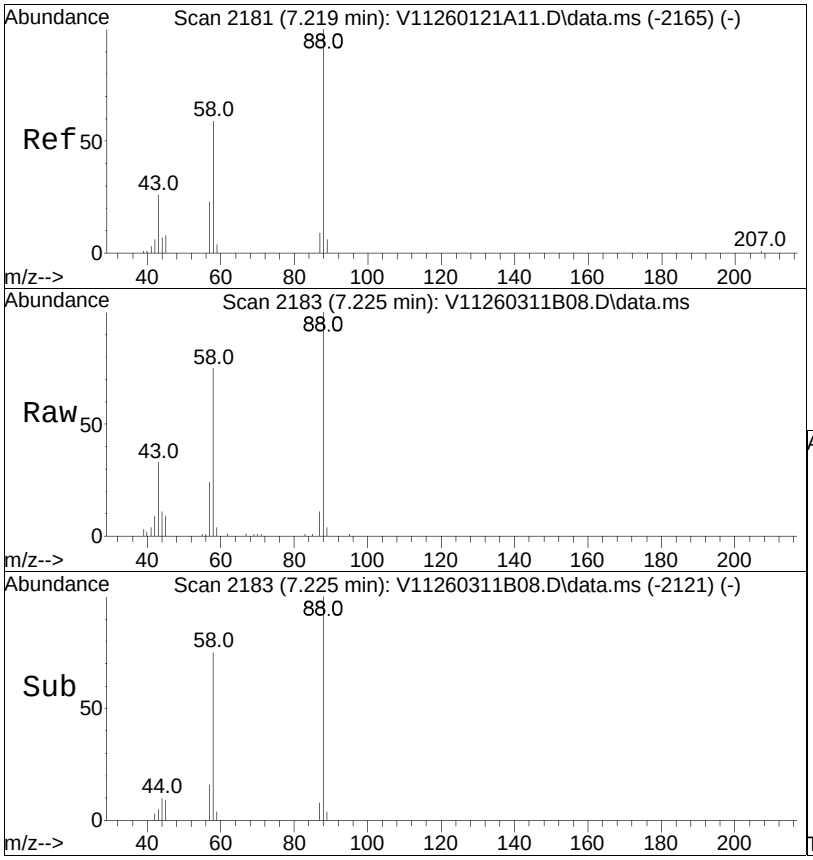


#54
Bromodichloromethane
Concen: 106.32 ug/L
RT: 6.999 min Scan# 2102
Delta R.T. -0.006 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 83 Resp: 476773

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.6	77.4
127	8.3	7.1	10.7

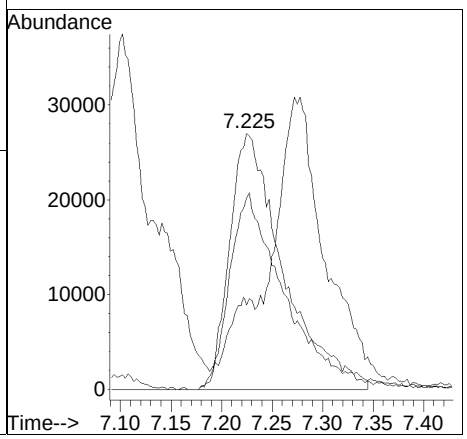


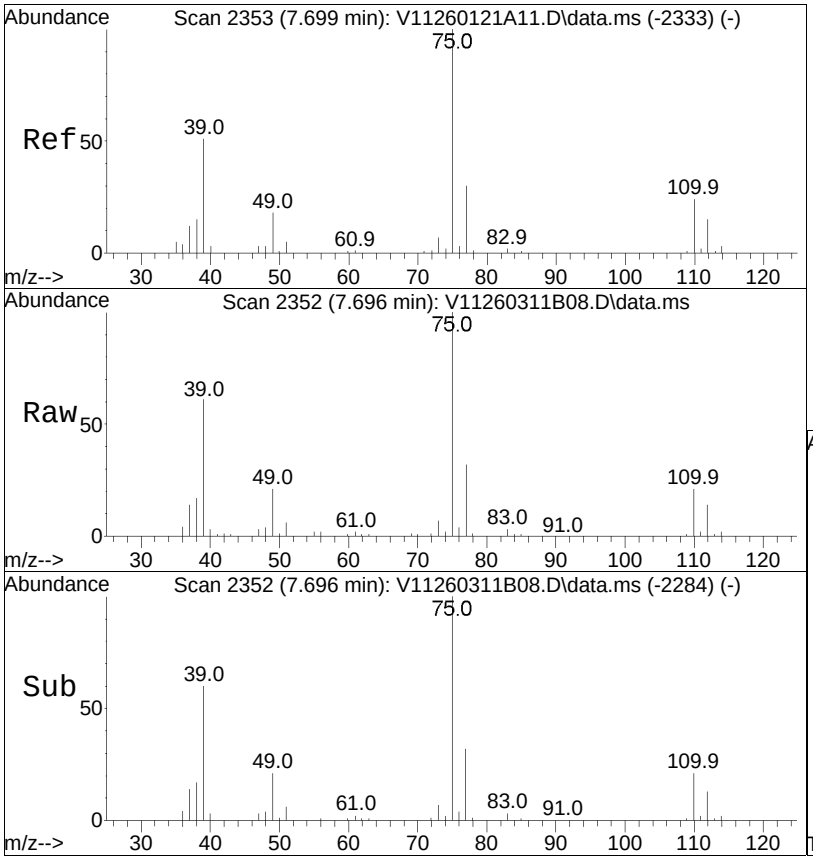


#57
1,4-Dioxane
Concen: 4794.94 ug/L
RT: 7.225 min Scan# 2183
Delta R.T. -0.028 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 88 Resp: 99735

Ion	Ratio	Lower	Upper
88	100		
58	77.9	75.4	113.0
43	13.1	33.5	50.3#

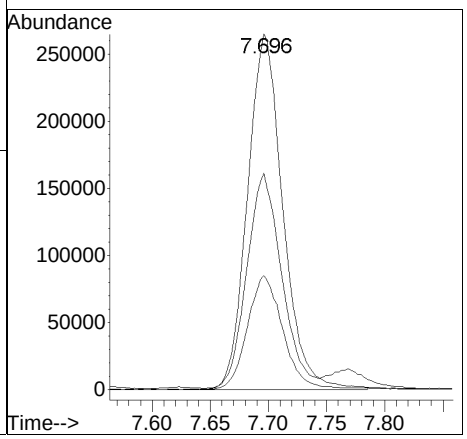


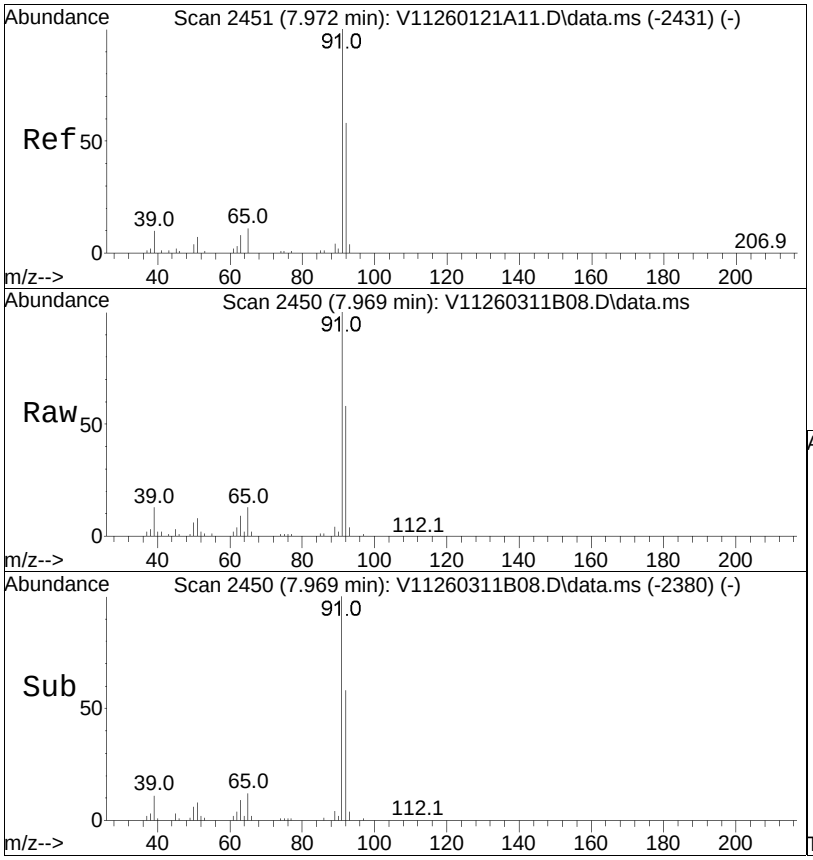


#58
cis-1,3-Dichloropropene
Concen: 109.25 ug/L
RT: 7.696 min Scan# 2352
Delta R.T. -0.011 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 75 Resp: 560253

Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.9	37.3
39	59.6	51.8	77.8

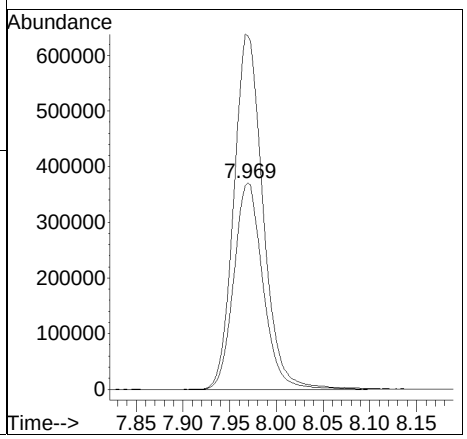


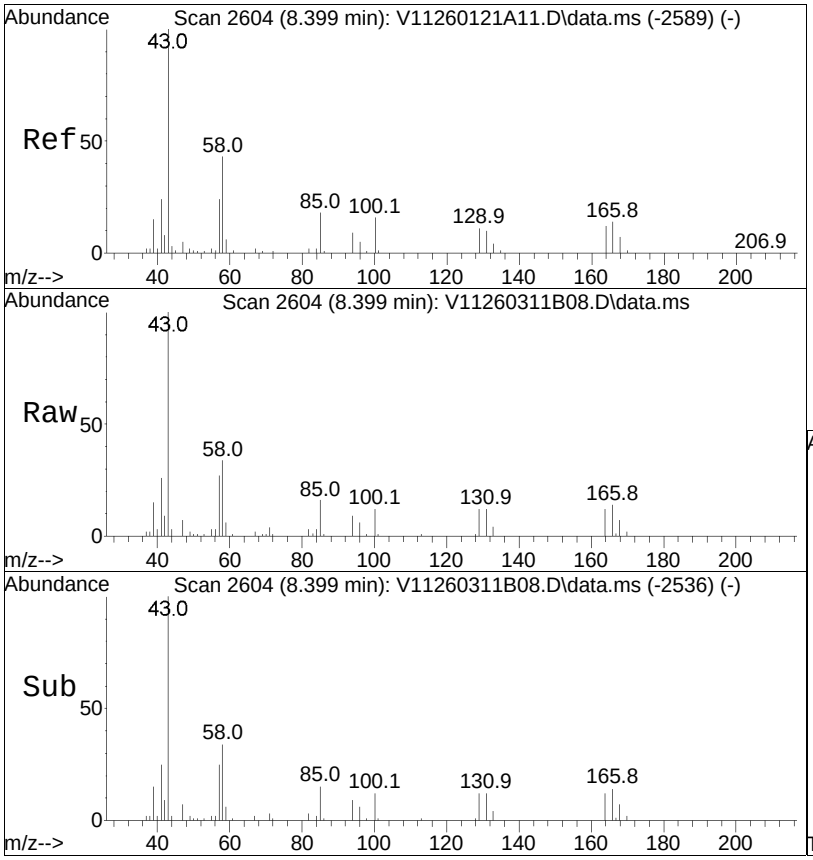


#61
Toluene
Concen: 104.79 ug/L
RT: 7.969 min Scan# 2450
Delta R.T. -0.006 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 92 Resp: 806733

Ion	Ratio	Lower	Upper
92	100		
91	171.4	133.7	200.5

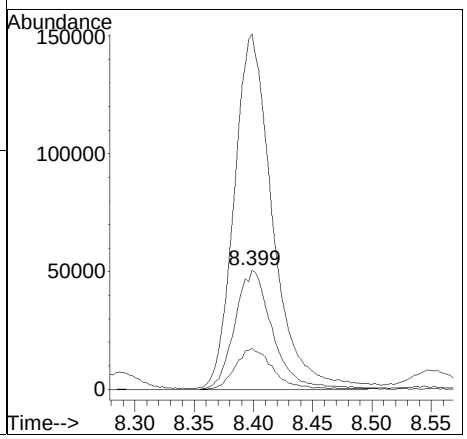


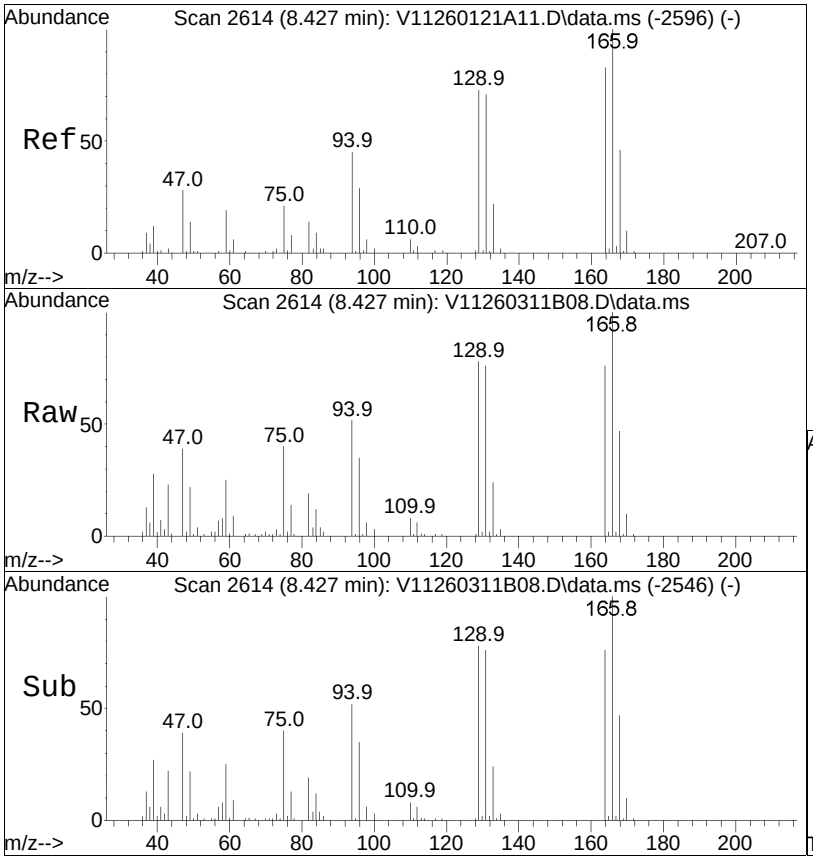


#62
4-Methyl-2-pentanone
Concen: 117.13 ug/L
RT: 8.399 min Scan# 2604
Delta R.T. -0.011 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 58 Resp: 112958

Ion	Ratio	Lower	Upper
58	100		
100	33.6	22.0	33.0#
43	300.9	236.9	355.3

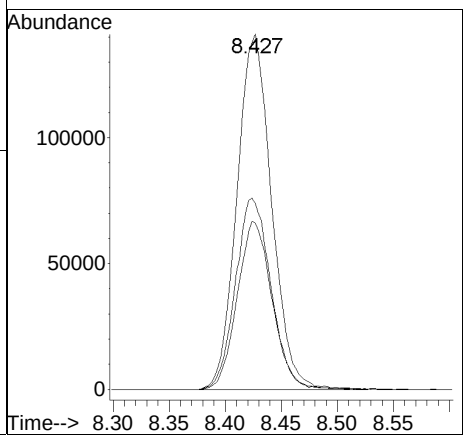


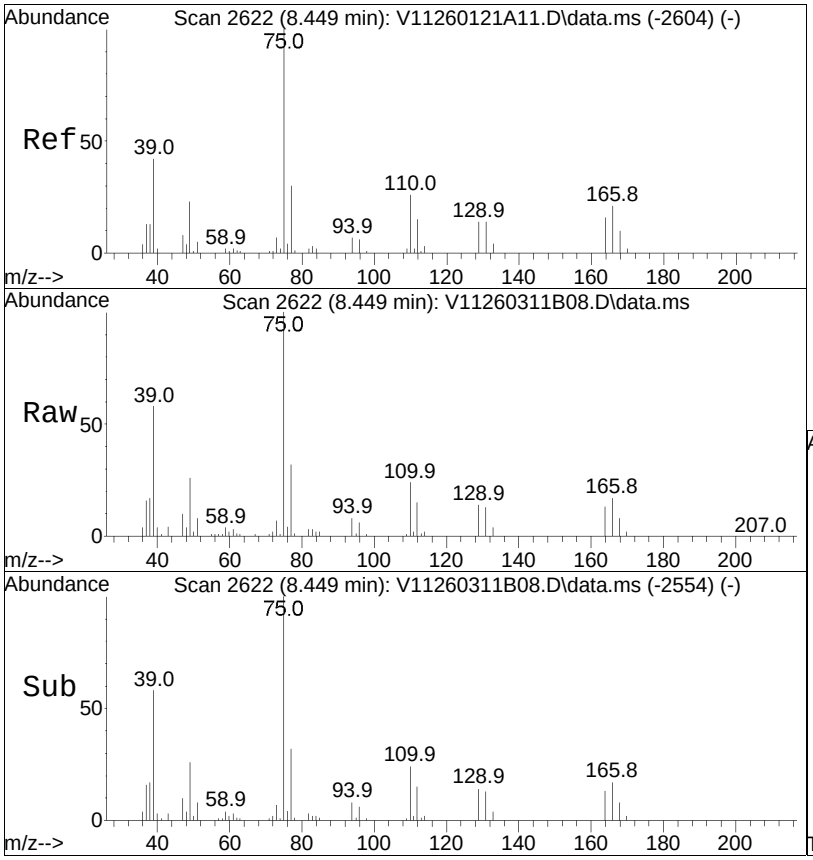


#63
Tetrachloroethene
Concen: 98.36 ug/L
RT: 8.427 min Scan# 2614
Delta R.T. -0.011 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:166 Resp: 303882

Ion	Ratio	Lower	Upper
166	100		
168	47.5	28.2	68.2
94	55.1	26.3	66.3

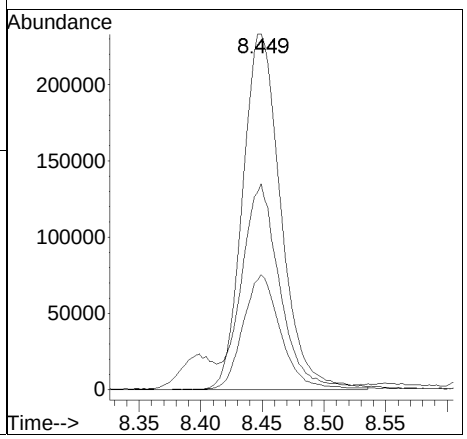


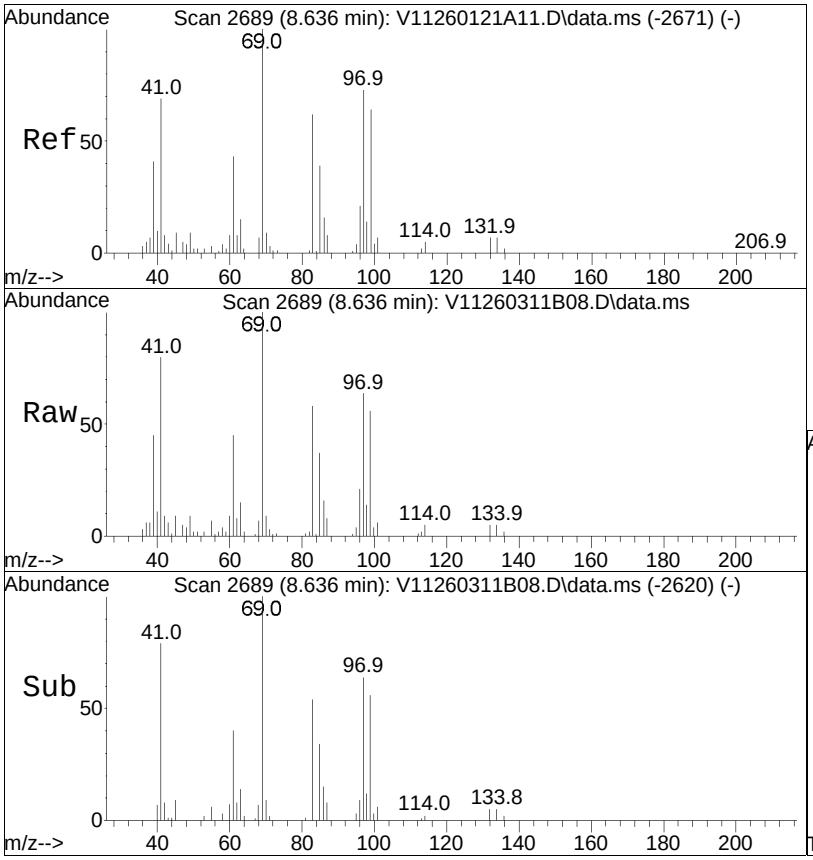


#65
trans-1,3-Dichloropropene
Concen: 109.47 ug/L
RT: 8.449 min Scan# 2622
Delta R.T. -0.011 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 75 Resp: 503090

Ion	Ratio	Lower	Upper
75	100		
77	31.7	11.4	51.4
39	55.0	50.3	90.3

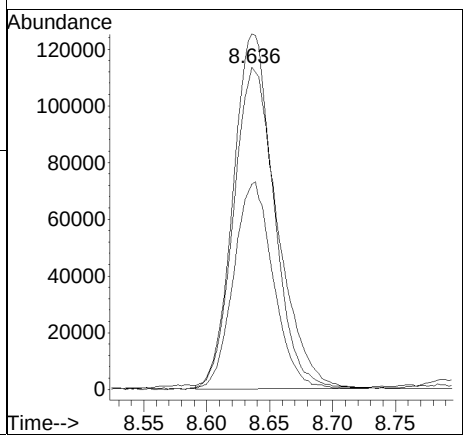


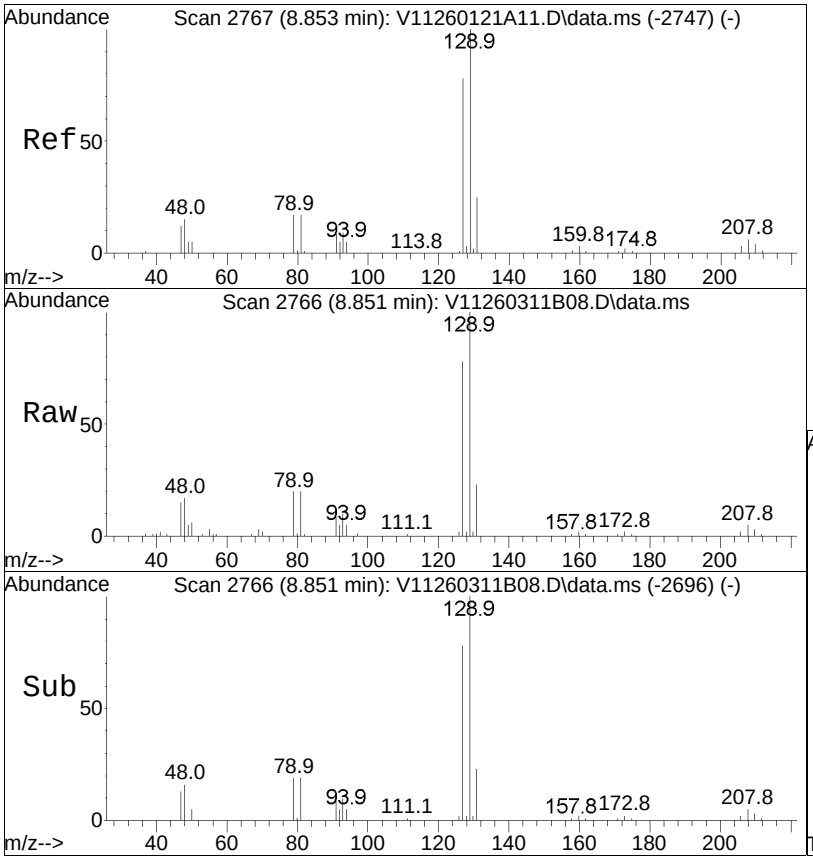


#68
1,1,2-Trichloroethane
Concen: 119.60 ug/L
RT: 8.636 min Scan# 2689
Delta R.T. -0.008 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 83 Resp: 276833

Ion	Ratio	Lower	Upper
83	100		
97	102.1	97.6	137.6
85	58.1	46.8	86.8

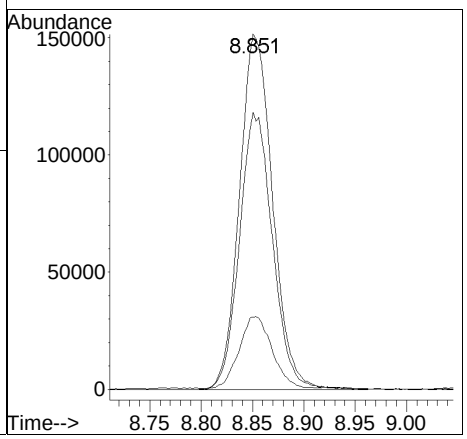


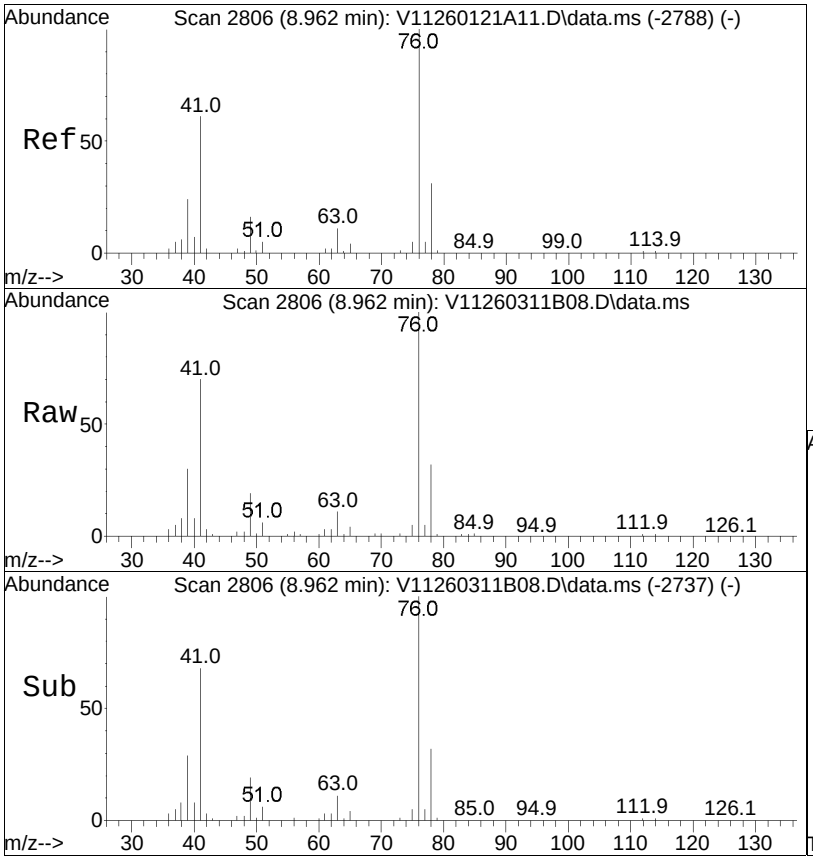


#69
Chlorodibromomethane
Concen: 100.34 ug/L
RT: 8.851 min Scan# 2766
Delta R.T. -0.006 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:129 Resp: 340807

Ion	Ratio	Lower	Upper
129	100		
81	20.2	0.0	36.0
127	77.4	56.0	96.0

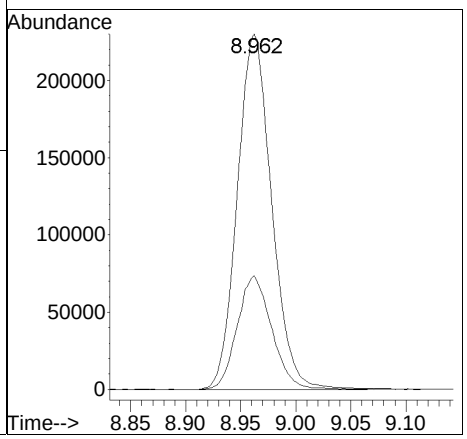


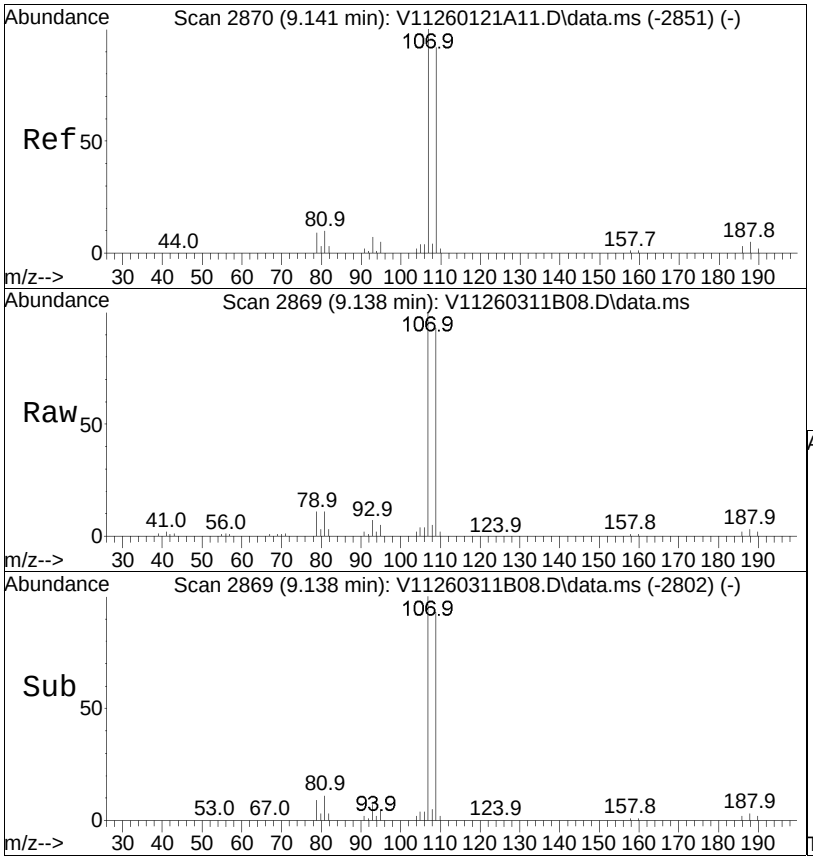


#70
1,3-Dichloropropane
Concen: 109.07 ug/L
RT: 8.962 min Scan# 2806
Delta R.T. -0.008 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 76 Resp: 499756

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.9	38.9

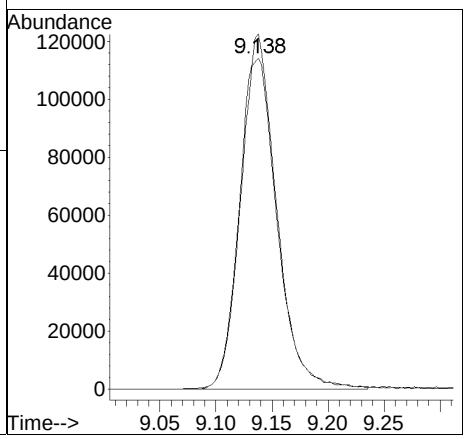


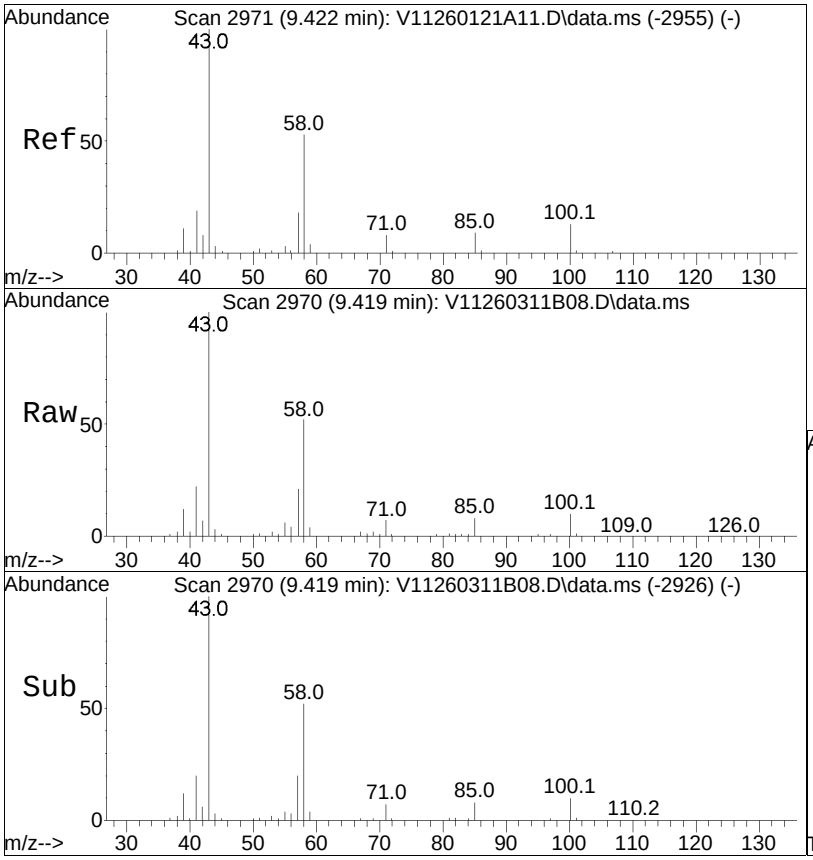


#71
1,2-Dibromoethane
Concen: 107.60 ug/L
RT: 9.138 min Scan# 2869
Delta R.T. -0.014 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:107 Resp: 277563

Ion	Ratio	Lower	Upper
107	100		
109	94.3	76.2	114.4

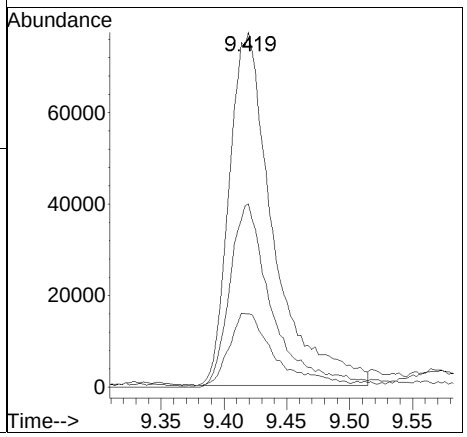


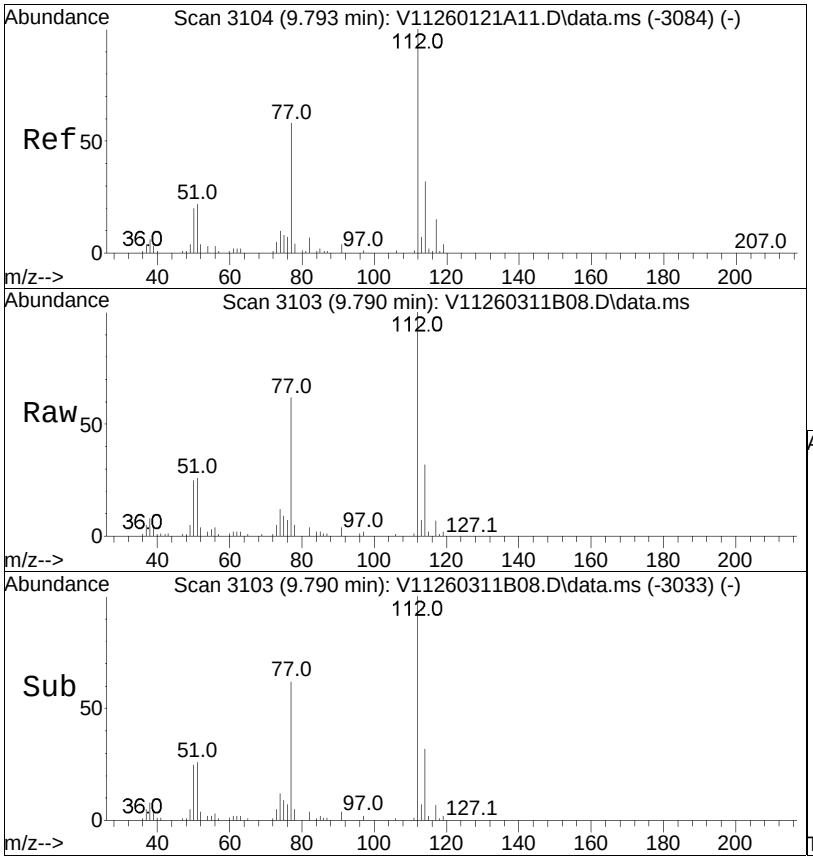


#72
2-Hexanone
Concen: 134.15 ug/L
RT: 9.419 min Scan# 2970
Delta R.T. -0.078 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 43 Resp: 188559

Ion	Ratio	Lower	Upper
43	100		
58	50.2	37.9	56.9
57	21.3	12.6	19.0#

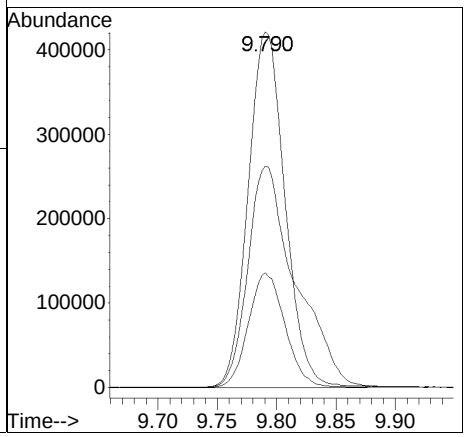


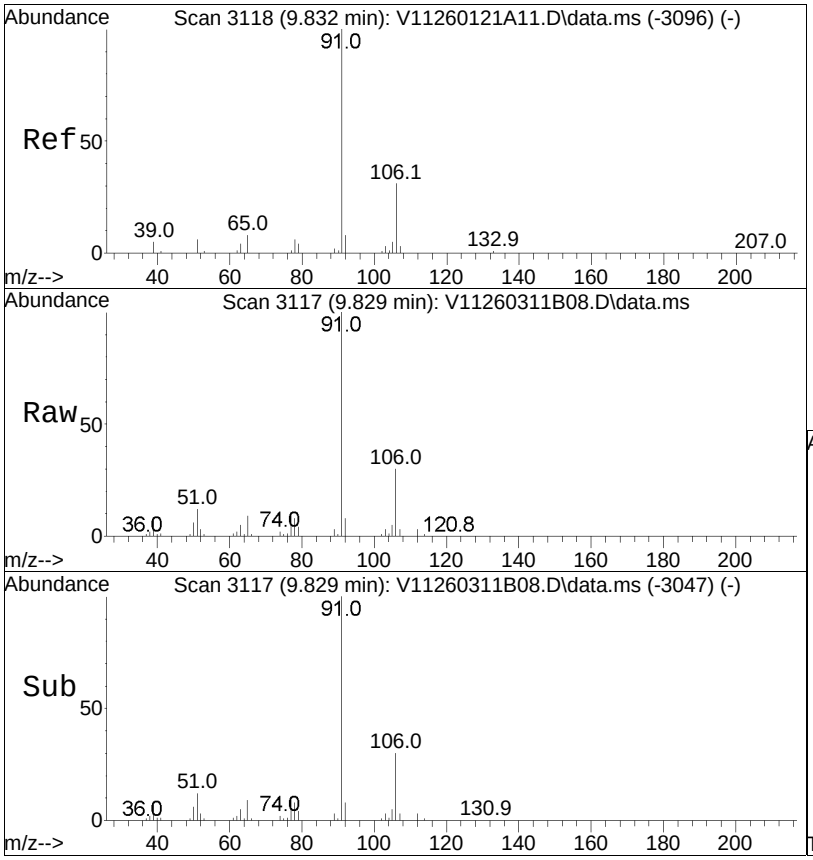


#73
Chlorobenzene
Concen: 102.80 ug/L
RT: 9.790 min Scan# 3103
Delta R.T. -0.006 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:112 Resp: 911260

Ion	Ratio	Lower	Upper
112	100		
77	80.4	47.0	70.4#
114	32.0	25.9	38.9

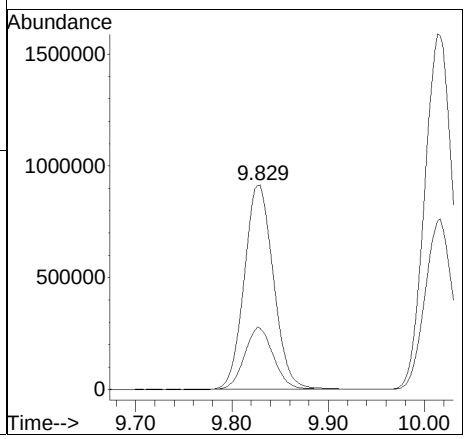


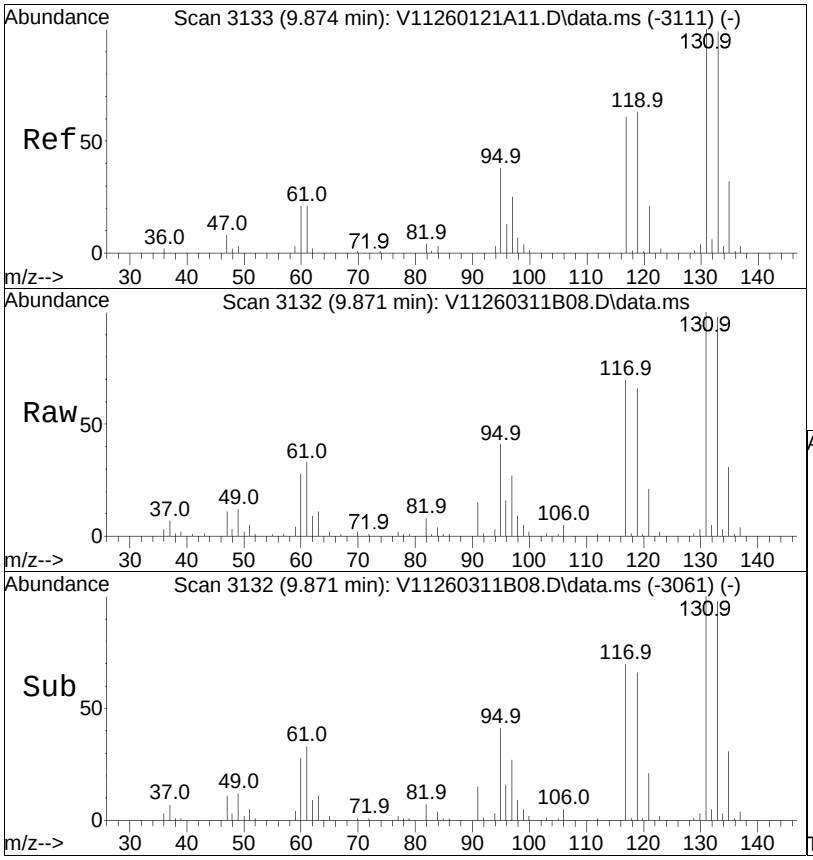


#74
Ethylbenzene
Concen: 130.54 ug/L
RT: 9.829 min Scan# 3117
Delta R.T. -0.006 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 91 Resp: 1933567

Ion	Ratio	Lower	Upper
91	100		
106	29.9	25.0	37.4

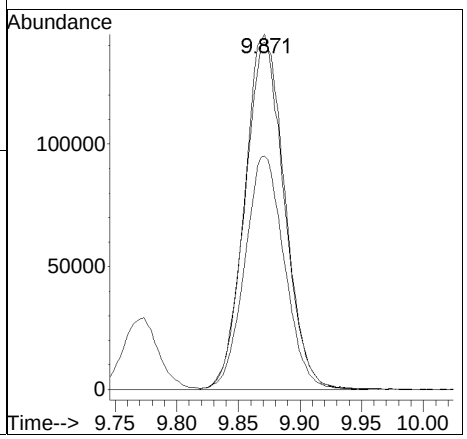


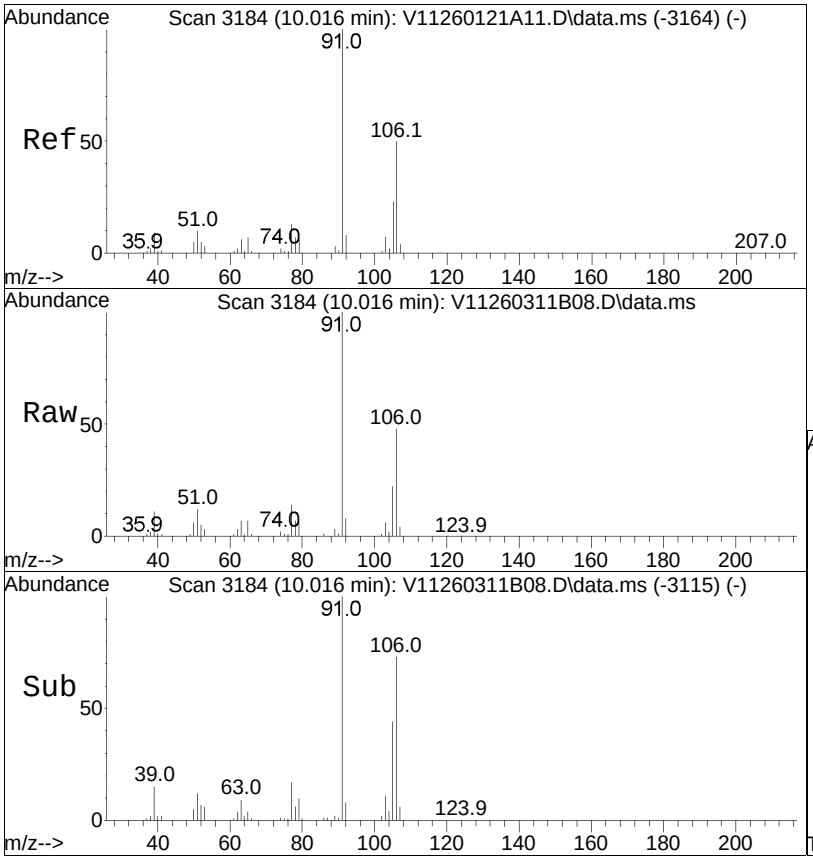


#75
1,1,1,2-Tetrachloroethane
Concen: 96.99 ug/L
RT: 9.871 min Scan# 3132
Delta R.T. -0.003 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:131 Resp: 328348

Ion	Ratio	Lower	Upper
131	100		
133	96.0	75.2	115.2
119	64.7	44.7	84.7

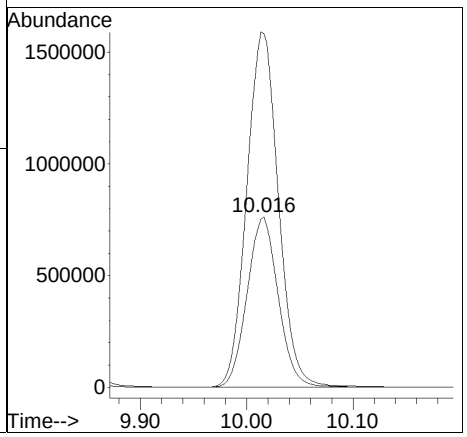


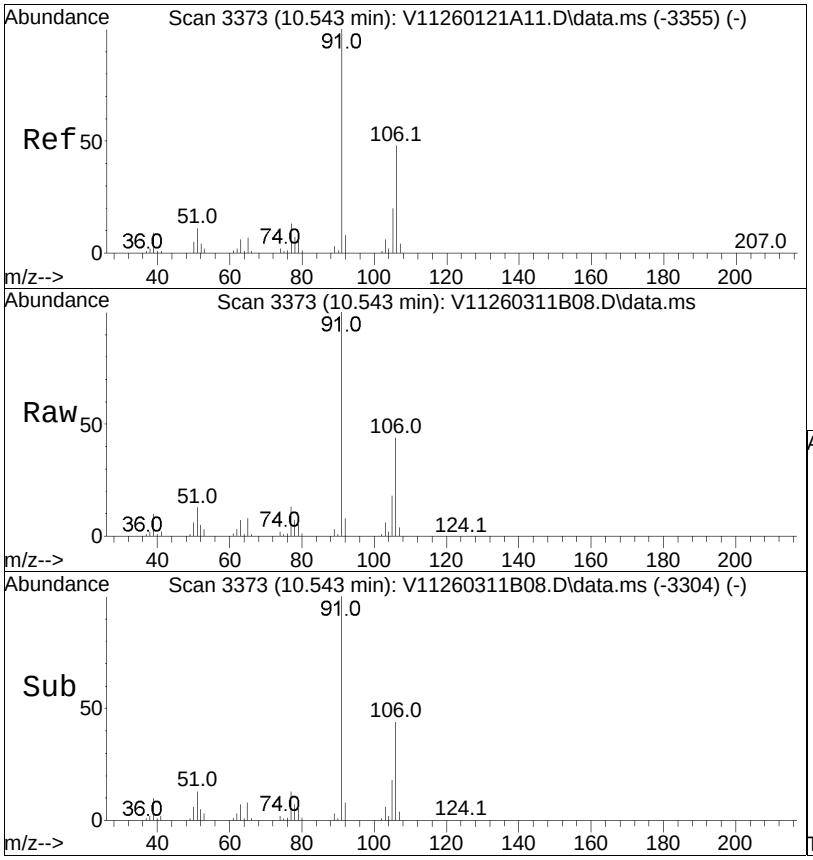


#76
p/m Xylene
Concen: 278.42 ug/L
RT: 10.016 min Scan# 3184
Delta R.T. -0.008 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:106 Resp: 1557108

Ion	Ratio	Lower	Upper
106	100		
91	211.7	159.3	238.9

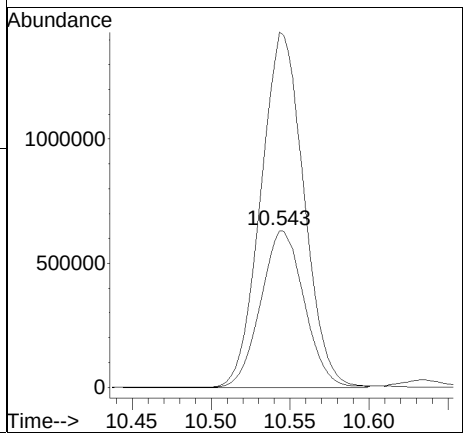


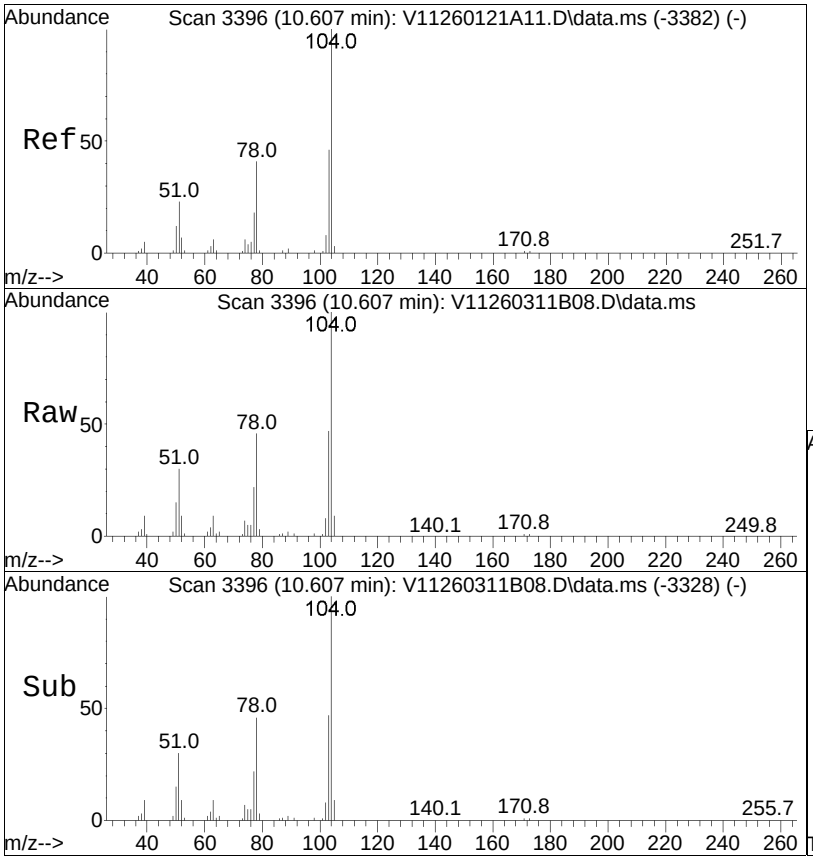


#77
o Xylene
Concen: 211.32 ug/L
RT: 10.543 min Scan# 3373
Delta R.T. -0.008 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:106 Resp: 1206137

Ion	Ratio	Lower	Upper
106	100		
91	223.8	170.2	255.2

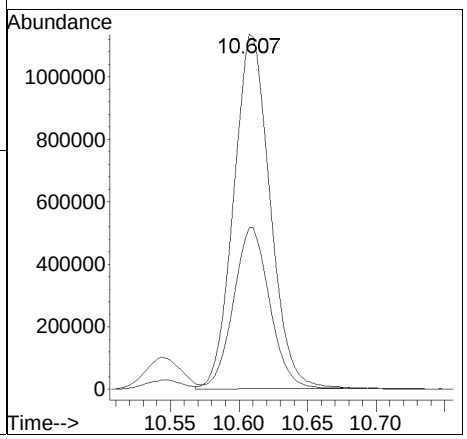


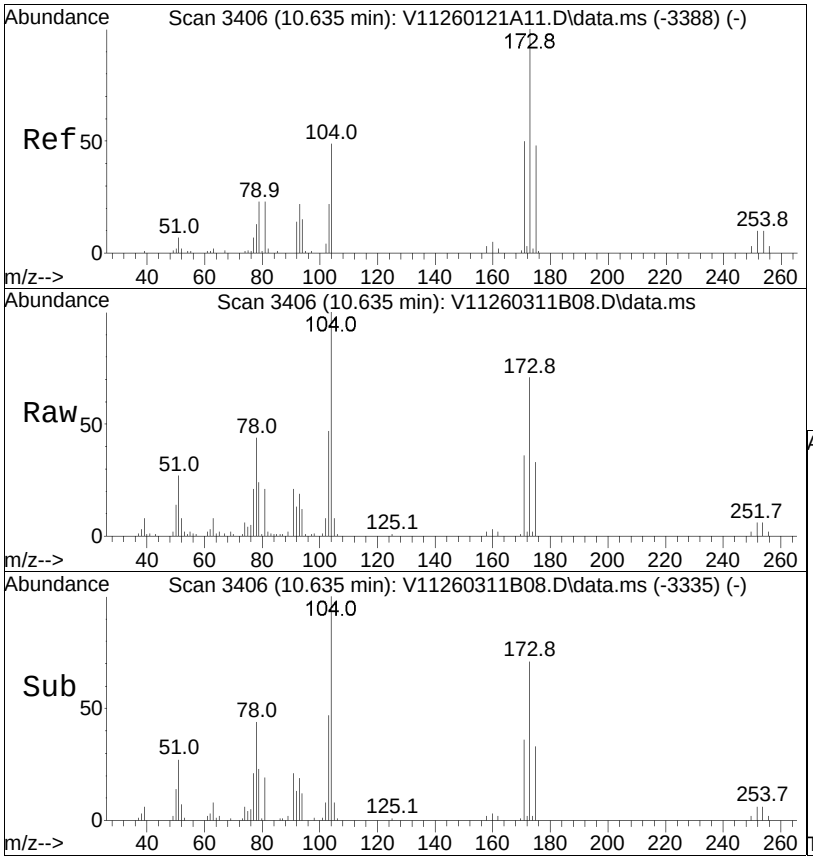


#78
Styrene
Concen: 218.28 ug/L
RT: 10.607 min Scan# 3396
Delta R.T. -0.011 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:104 Resp: 2087891

Ion	Ratio	Lower	Upper
104	100		
78	46.0	34.4	51.6

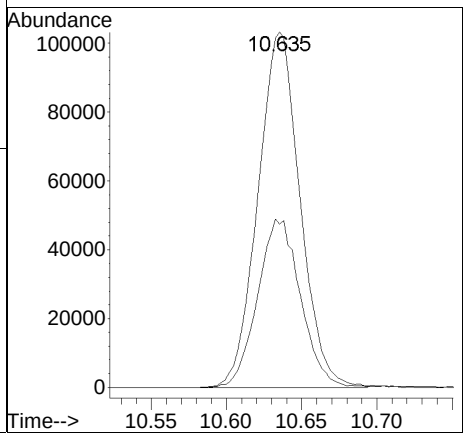


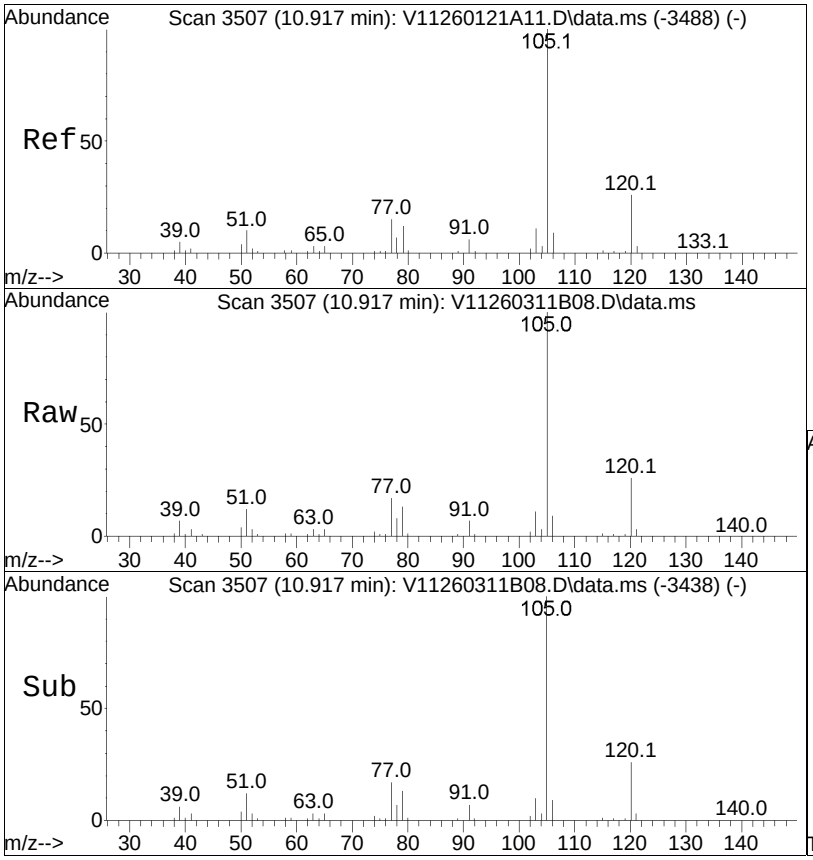


#80
Bromoform
Concen: 84.38 ug/L
RT: 10.635 min Scan# 3406
Delta R.T. -0.003 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:173 Resp: 200909

Ion	Ratio	Lower	Upper
173	100		
175	48.3	28.1	68.1

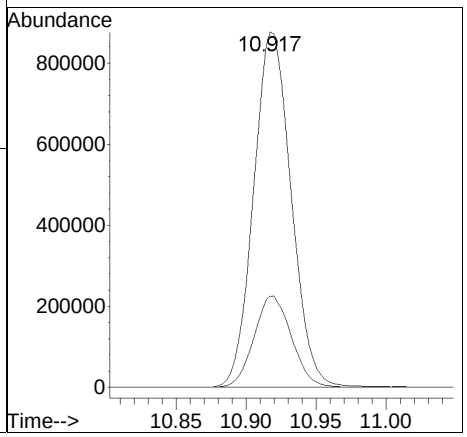


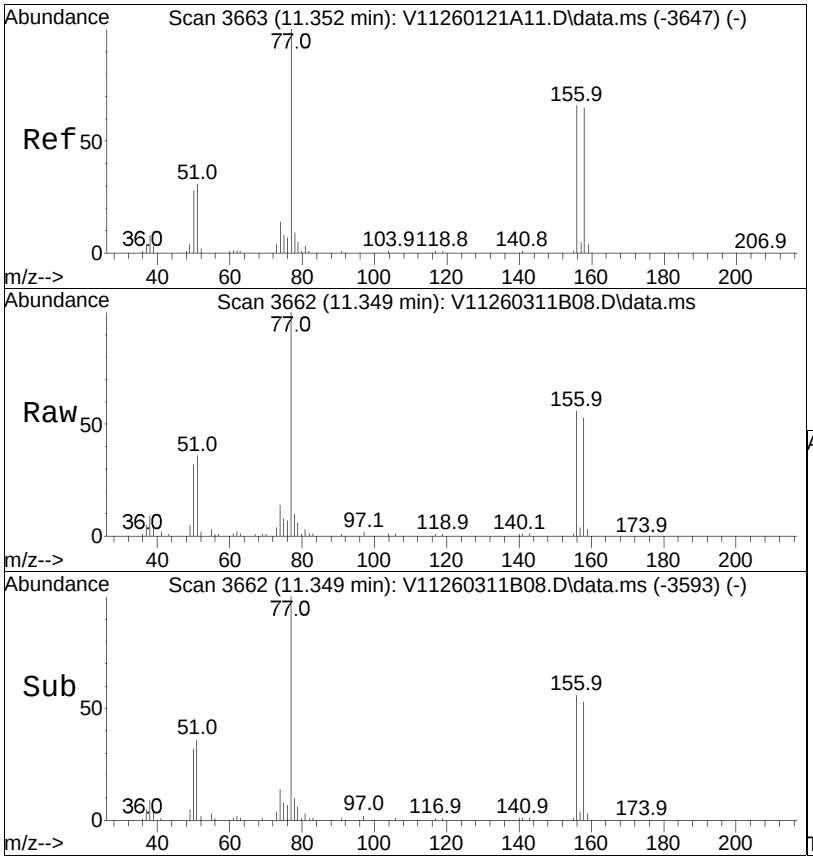


#82
Isopropylbenzene
Concen: 102.93 ug/L
RT: 10.917 min Scan# 3507
Delta R.T. -0.008 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:105 Resp: 1634749

Ion	Ratio	Lower	Upper
105	100		
120	25.7	6.9	46.9

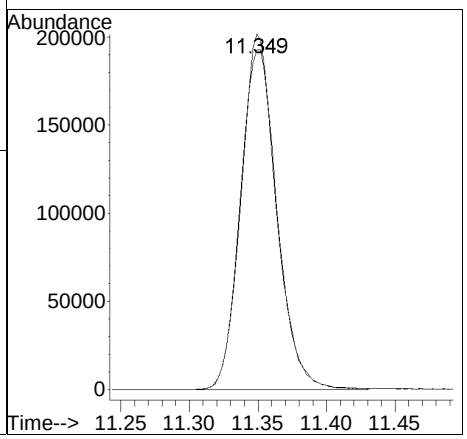


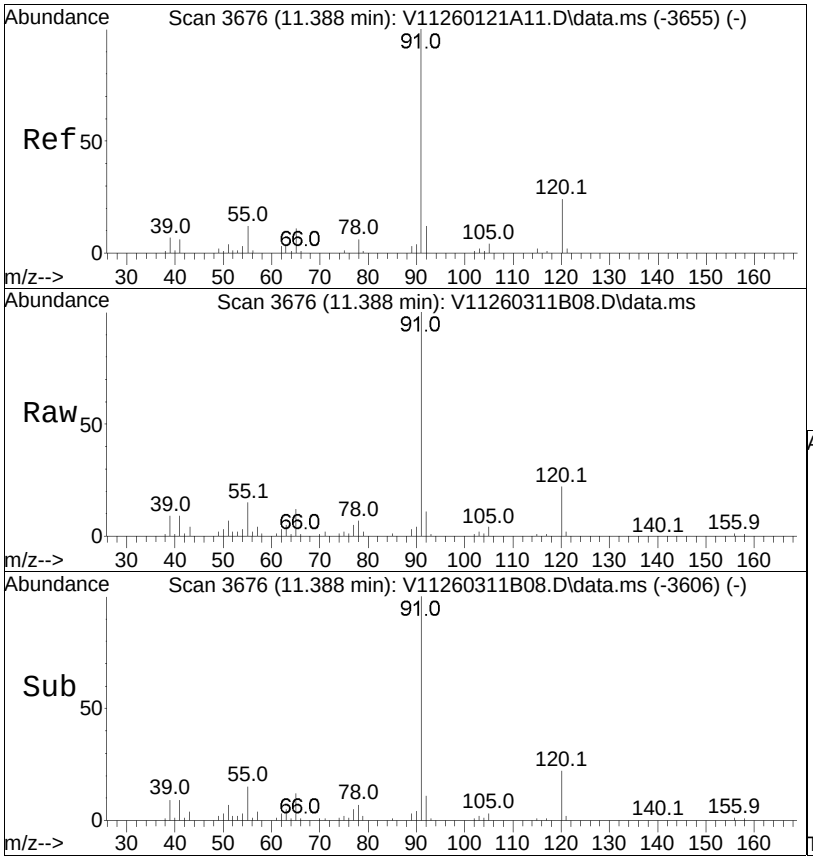


#84
Bromobenzene
Concen: 85.59 ug/L
RT: 11.349 min Scan# 3662
Delta R.T. -0.008 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:156 Resp: 365003

Ion	Ratio	Lower	Upper
156	100		
158	97.3	77.5	116.3

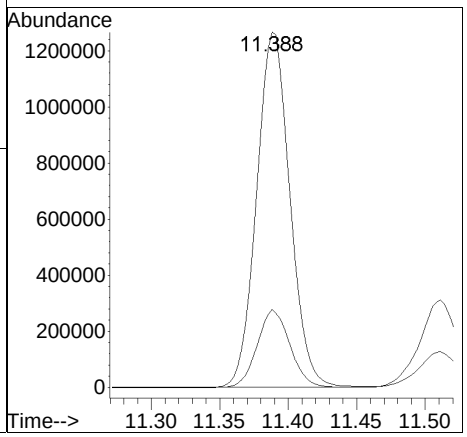


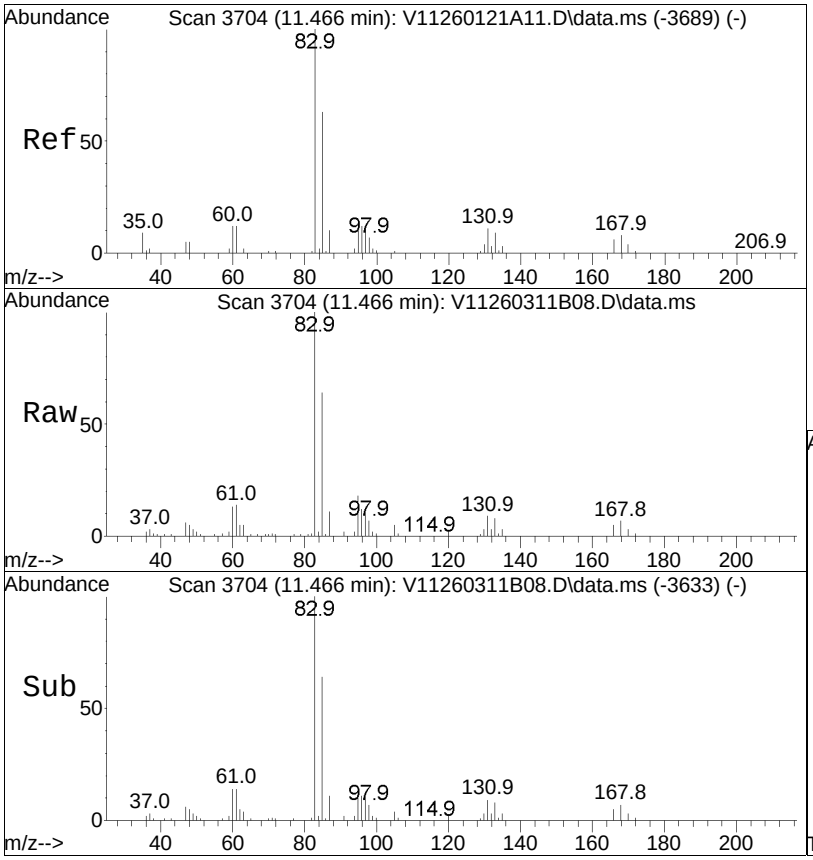


#85
n-Propylbenzene
Concen: 115.26 ug/L
RT: 11.388 min Scan# 3676
Delta R.T. -0.006 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 91 Resp: 2140416

Ion	Ratio	Lower	Upper
91	100		
120	21.5	18.6	27.8

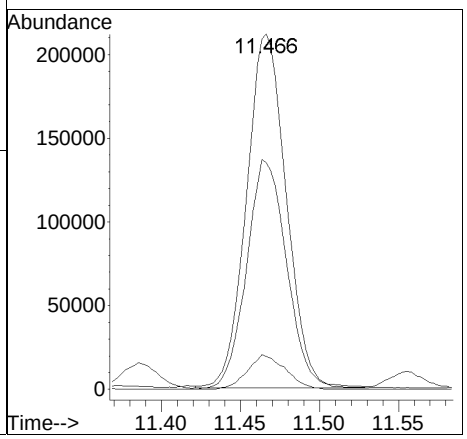


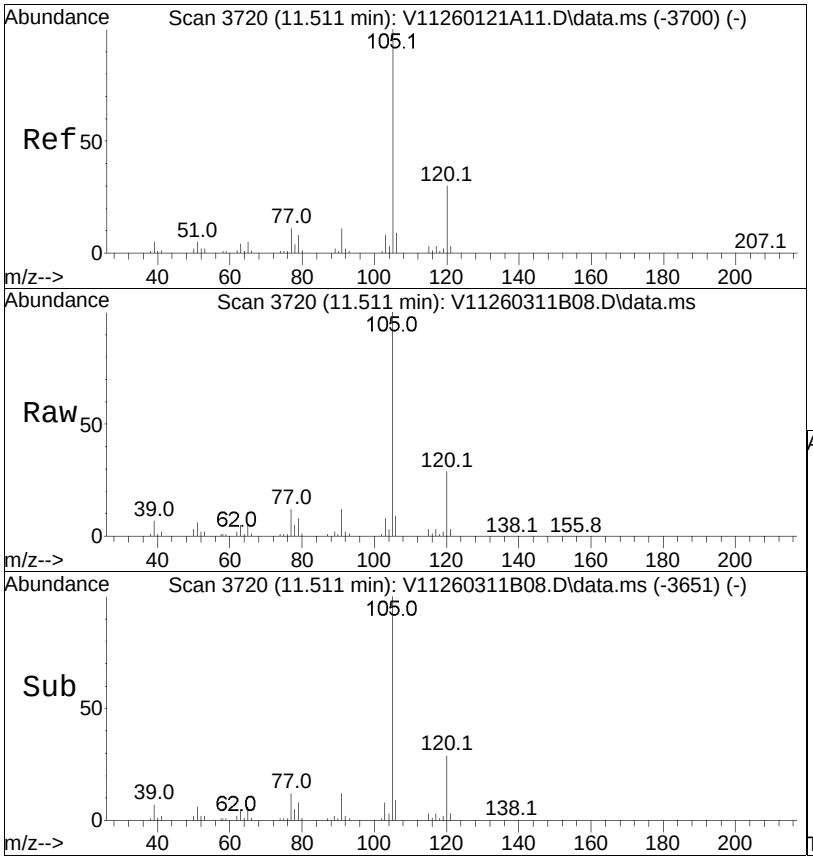


#87
1,1,2,2-Tetrachloroethane
Concen: 96.35 ug/L
RT: 11.466 min Scan# 3704
Delta R.T. -0.003 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 83 Resp: 367965

Ion	Ratio	Lower	Upper
83	100		
131	9.5	0.0	30.1
85	65.5	45.8	85.8

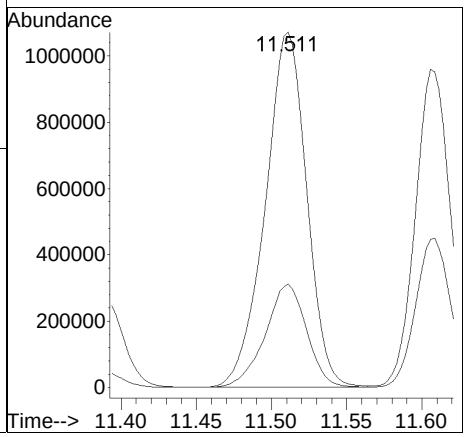


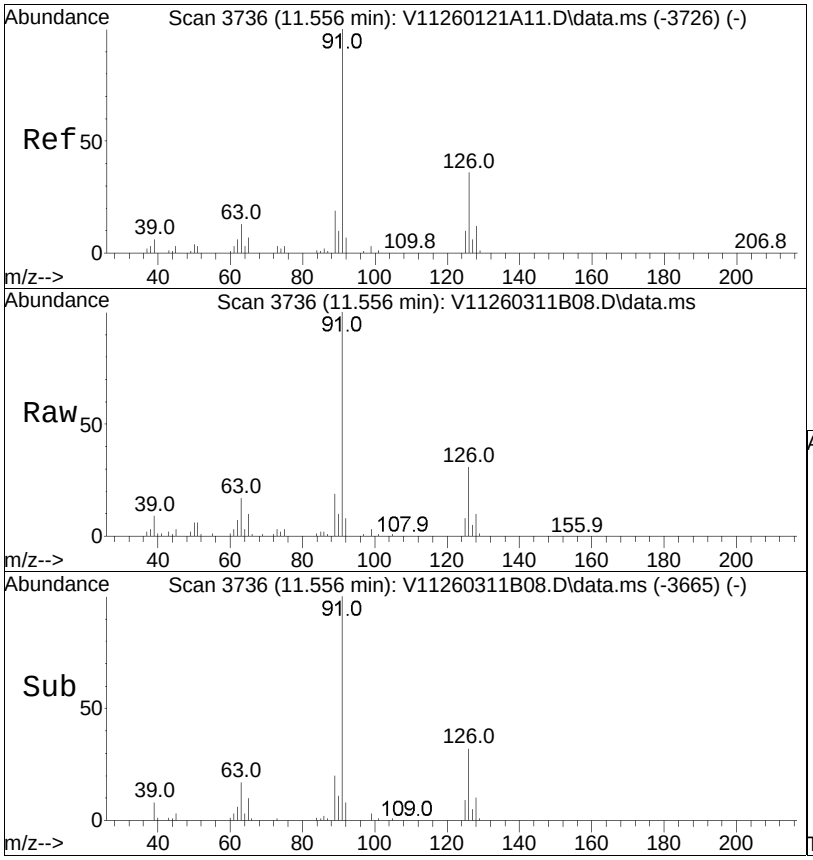


#88
4-Ethyltoluene
Concen: 131.39 ug/L
RT: 11.511 min Scan# 3720
Delta R.T. -0.008 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:105 Resp: 2058047

Ion	Ratio	Lower	Upper
105	100		
120	28.8	19.5	40.5

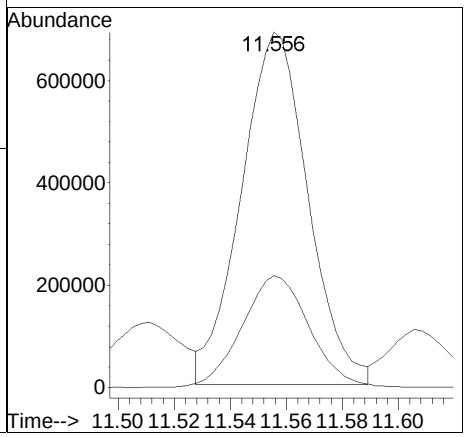


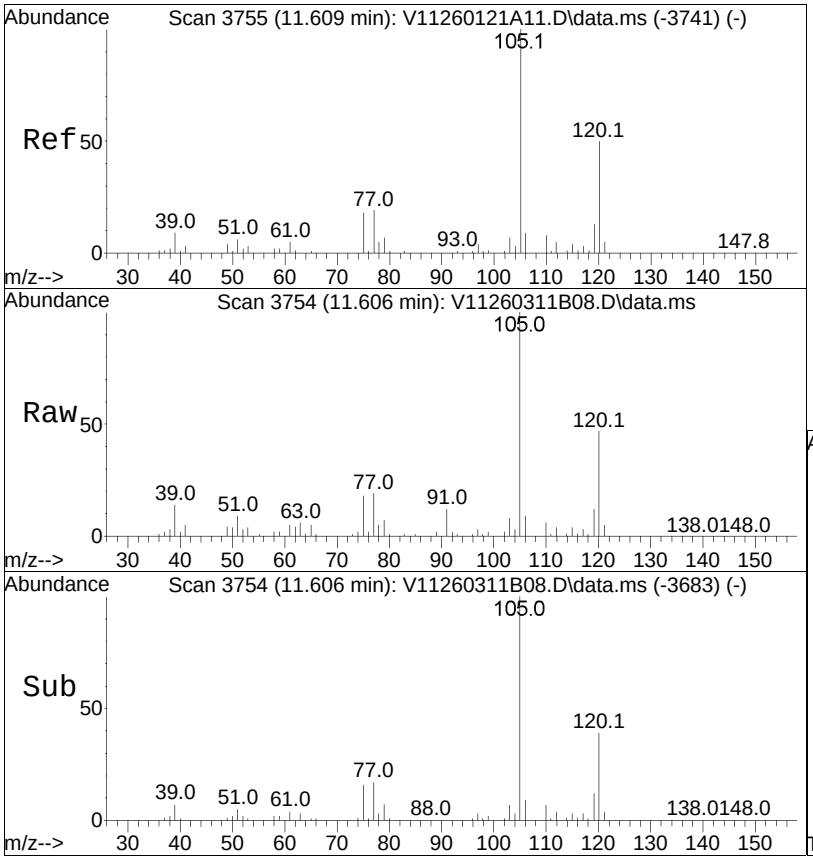


#89
2-Chlorotoluene
Concen: 100.98 ug/L
RT: 11.556 min Scan# 3736
Delta R.T. -0.003 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 91 Resp: 1142444

Ion	Ratio	Lower	Upper
91	100		
126	32.0	24.3	36.5

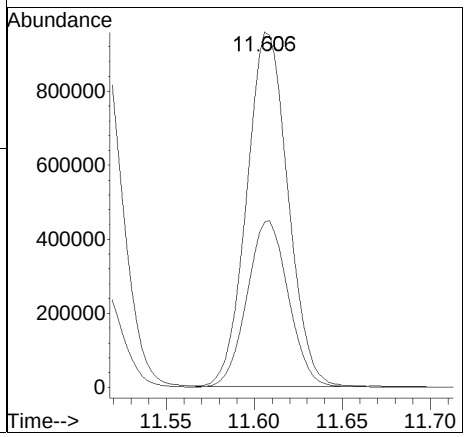


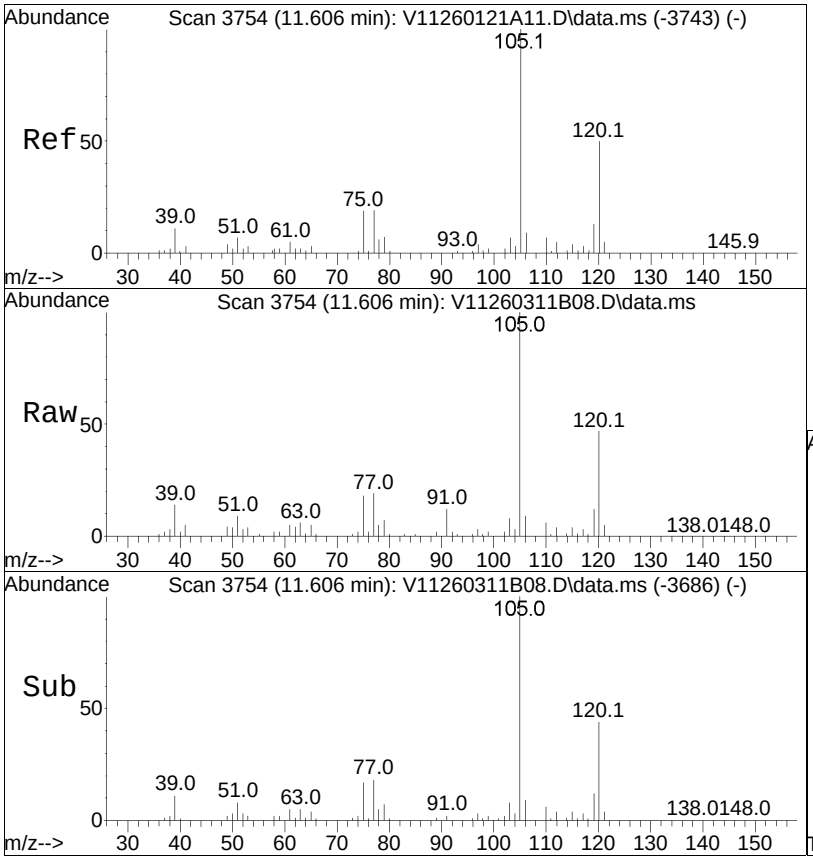


#90
1,3,5-Trimethylbenzene
Concen: 113.97 ug/L
RT: 11.606 min Scan# 3754
Delta R.T. -0.003 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:105 Resp: 1559560

Ion	Ratio	Lower	Upper
105	100		
120	47.0	39.8	59.8

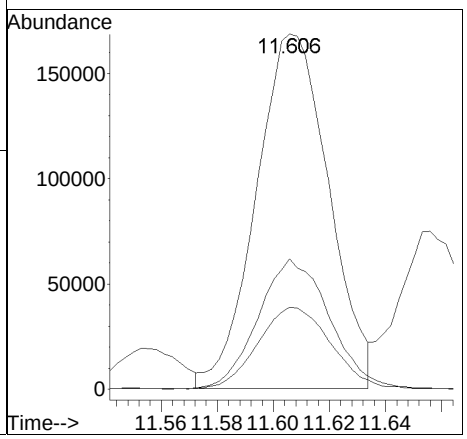


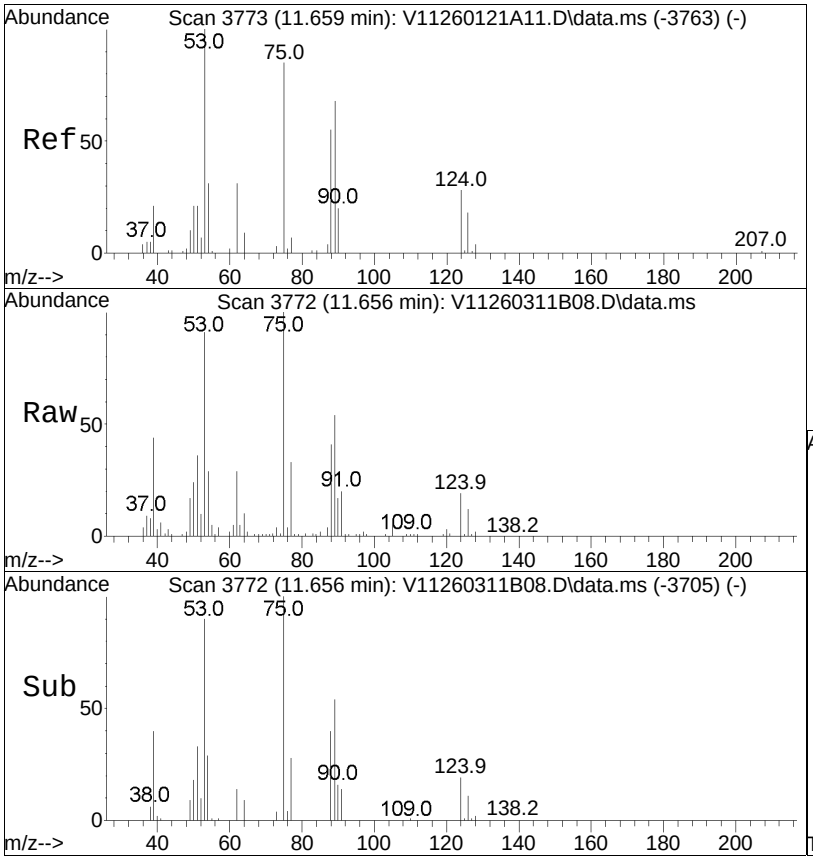


#91
1,2,3-Trichloropropane
Concen: 103.37 ug/L
RT: 11.606 min Scan# 3754
Delta R.T. -0.011 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 75 Resp: 303293

Ion	Ratio	Lower	Upper
75	100		
110	36.0	25.2	52.2
112	23.7	15.7	32.5

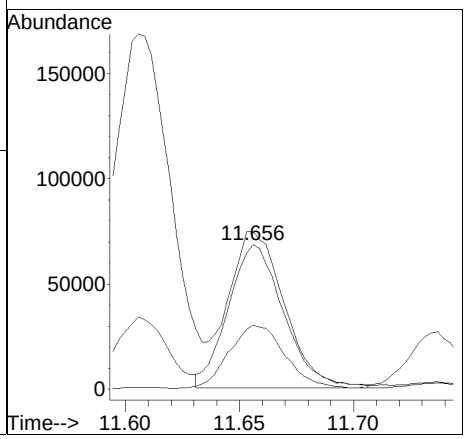


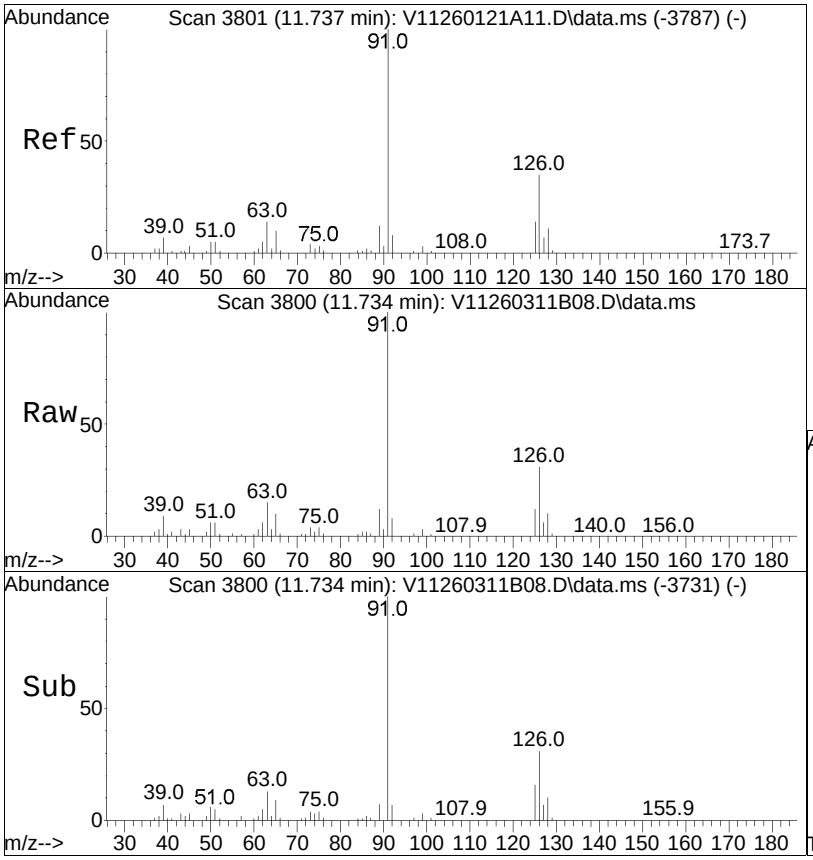


#92
trans-1,4-Dichloro-2-butene
Concen: 107.17 ug/L
RT: 11.656 min Scan# 3772
Delta R.T. -0.014 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 53 Resp: 114825

Ion	Ratio	Lower	Upper
53	100		
88	45.7	34.1	51.1
75	109.8	82.8	124.2

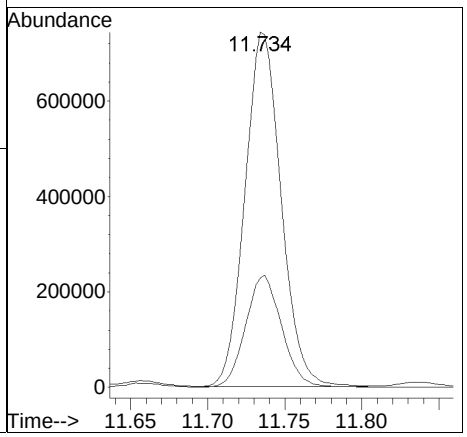


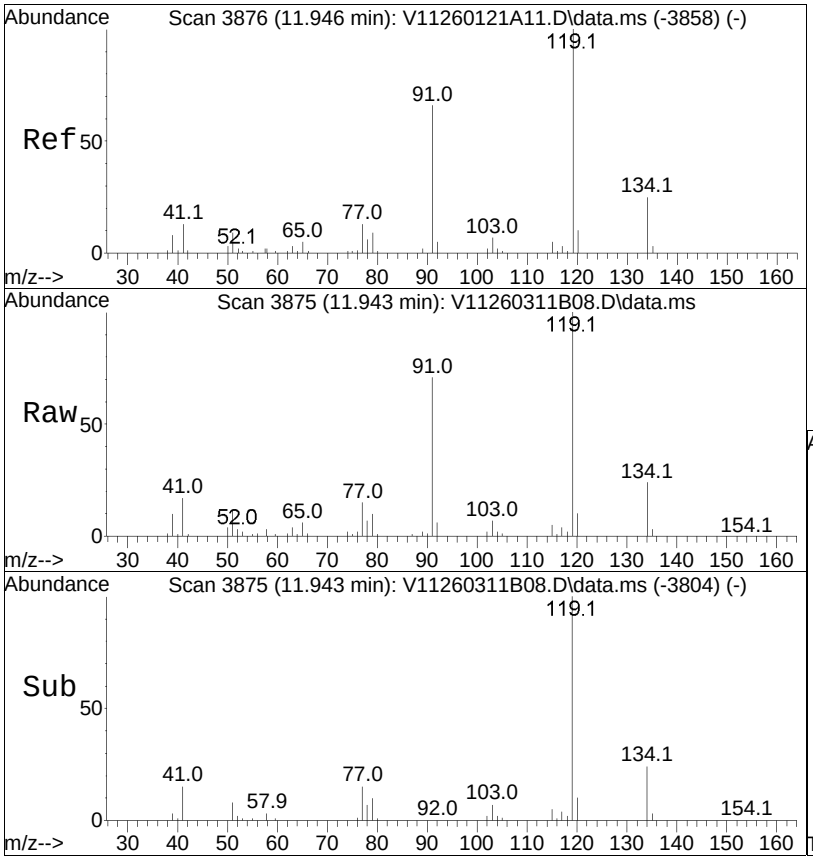


#93
4-Chlorotoluene
Concen: 102.99 ug/L
RT: 11.734 min Scan# 3800
Delta R.T. -0.008 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 91 Resp: 1211120

Ion	Ratio	Lower	Upper
91	100		
126	31.5	27.9	41.9

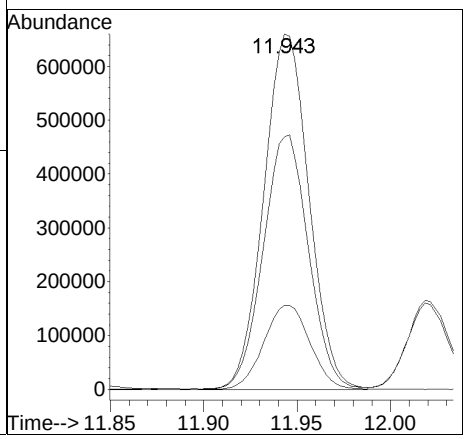


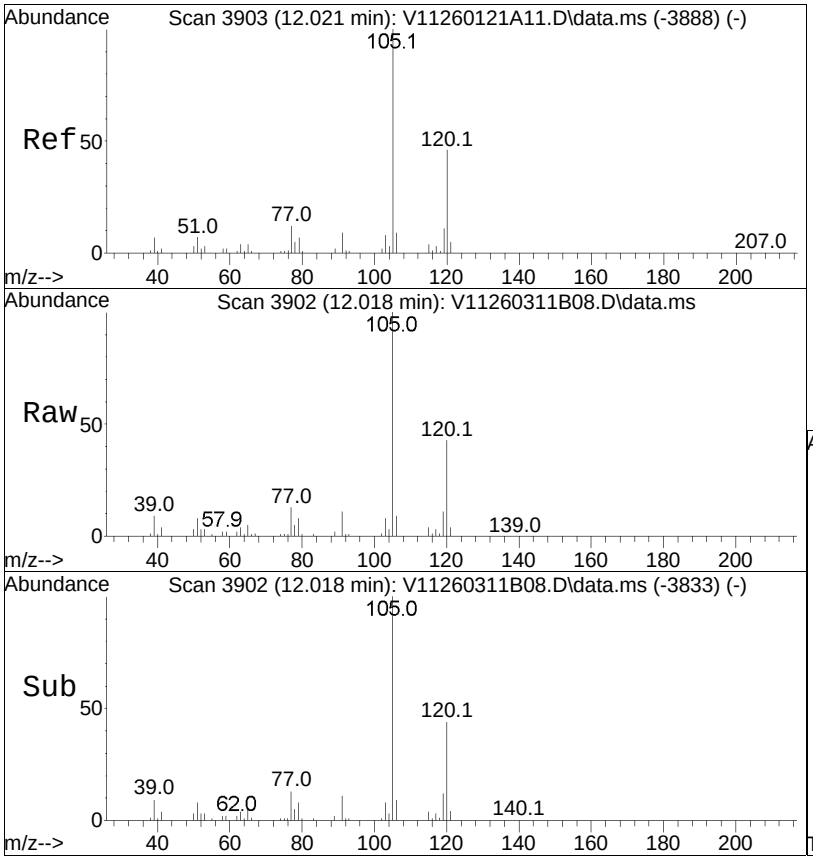


#94
tert-Butylbenzene
Concen: 97.06 ug/L
RT: 11.943 min Scan# 3875
Delta R.T. -0.003 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:119 Resp: 1111594

Ion	Ratio	Lower	Upper
119	100		
91	71.4	53.0	79.4
134	24.3	19.8	29.6

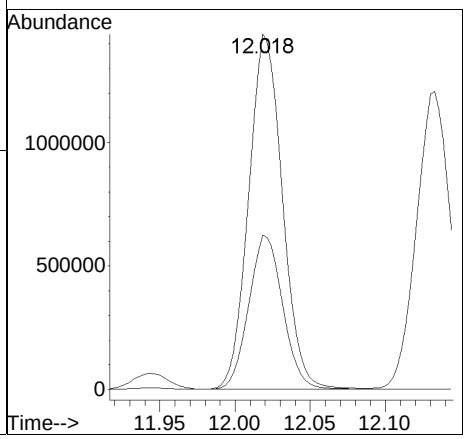


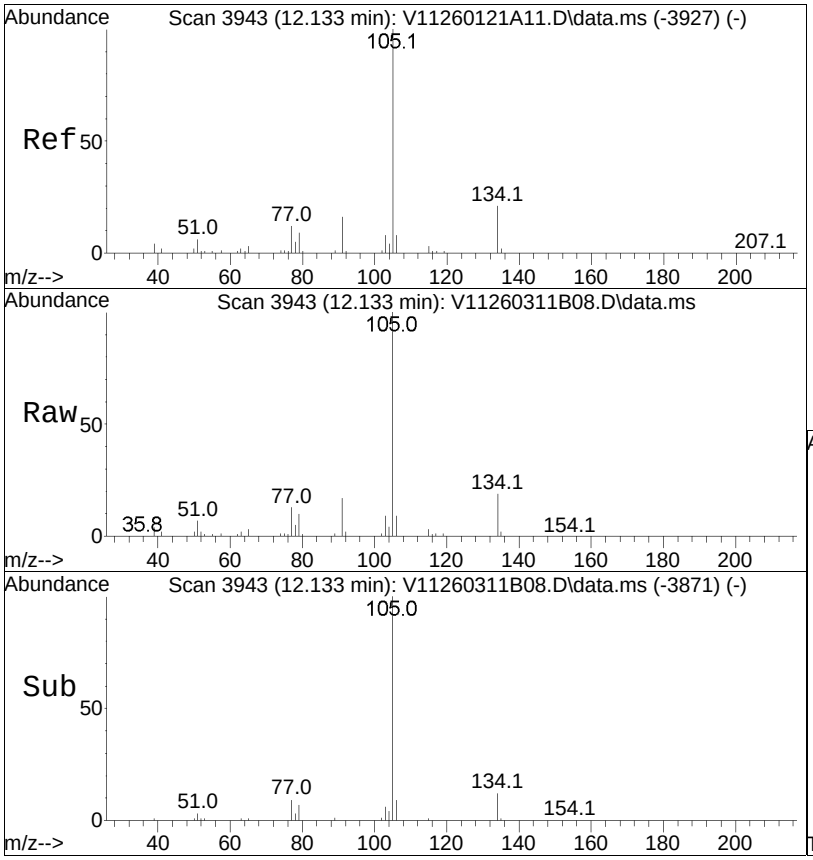


#97
1,2,4-Trimethylbenzene
Concen: 166.46 ug/L
RT: 12.018 min Scan# 3902
Delta R.T. -0.008 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:105 Resp: 2245153

Ion	Ratio	Lower	Upper
105	100		
120	43.7	37.4	56.0

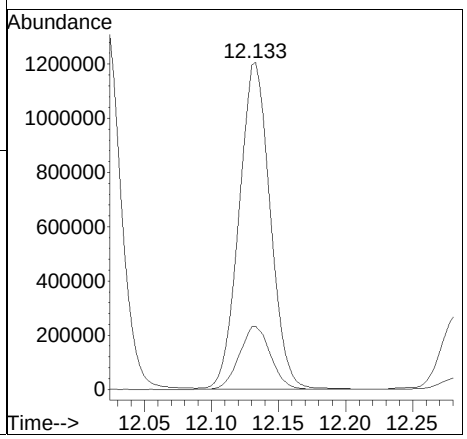


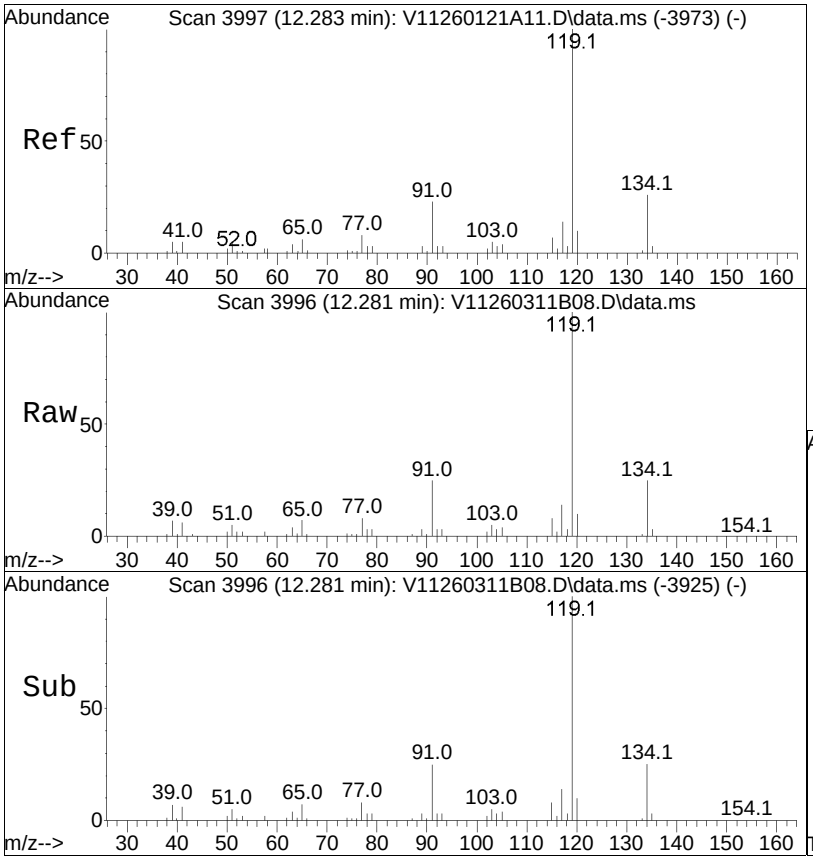


#98
sec-Butylbenzene
Concen: 115.08 ug/L
RT: 12.133 min Scan# 3943
Delta R.T. -0.000 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:105 Resp: 1943862

Ion	Ratio	Lower	Upper
105	100		
134	19.4	13.2	27.4

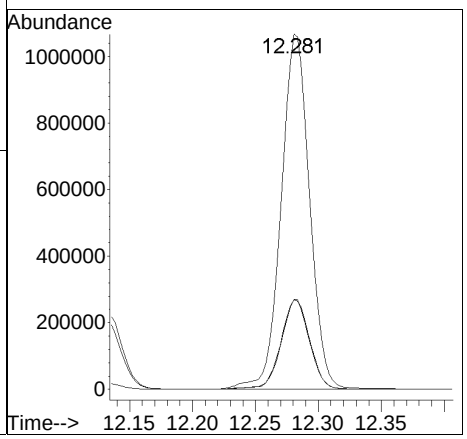


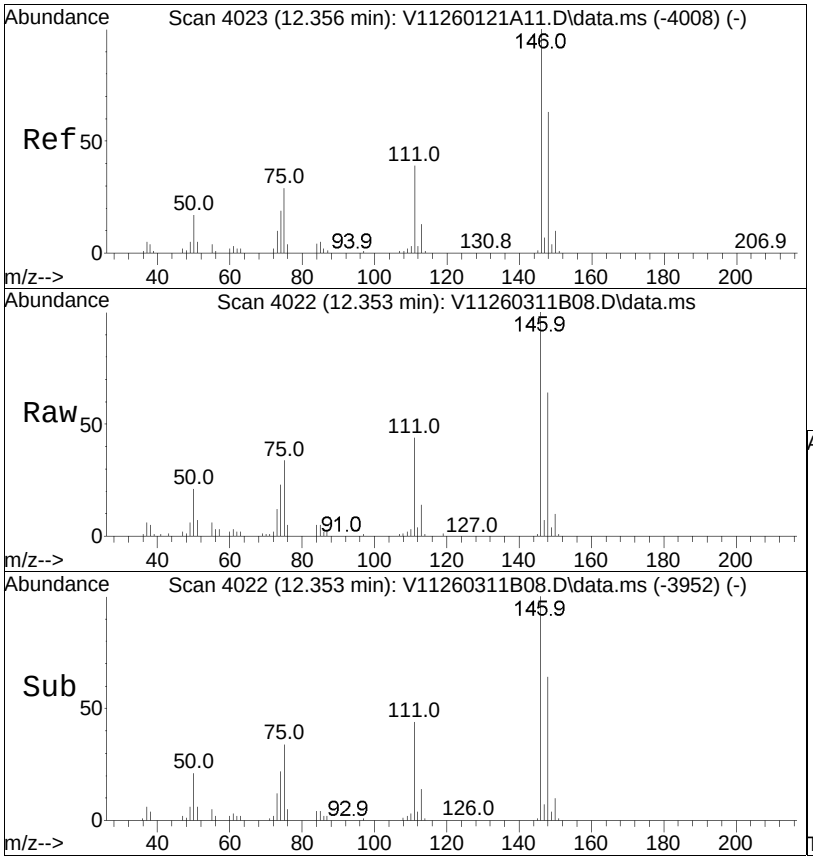


#99
p-Isopropyltoluene
Concen: 113.94 ug/L
RT: 12.281 min Scan# 3996
Delta R.T. -0.003 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:119 Resp: 1680979

Ion	Ratio	Lower	Upper
119	100		
134	25.3	17.1	35.5
91	25.2	15.3	31.9

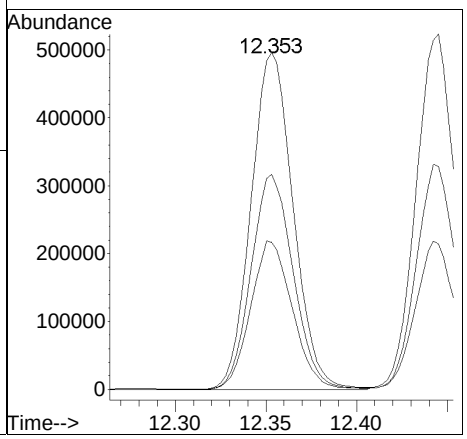


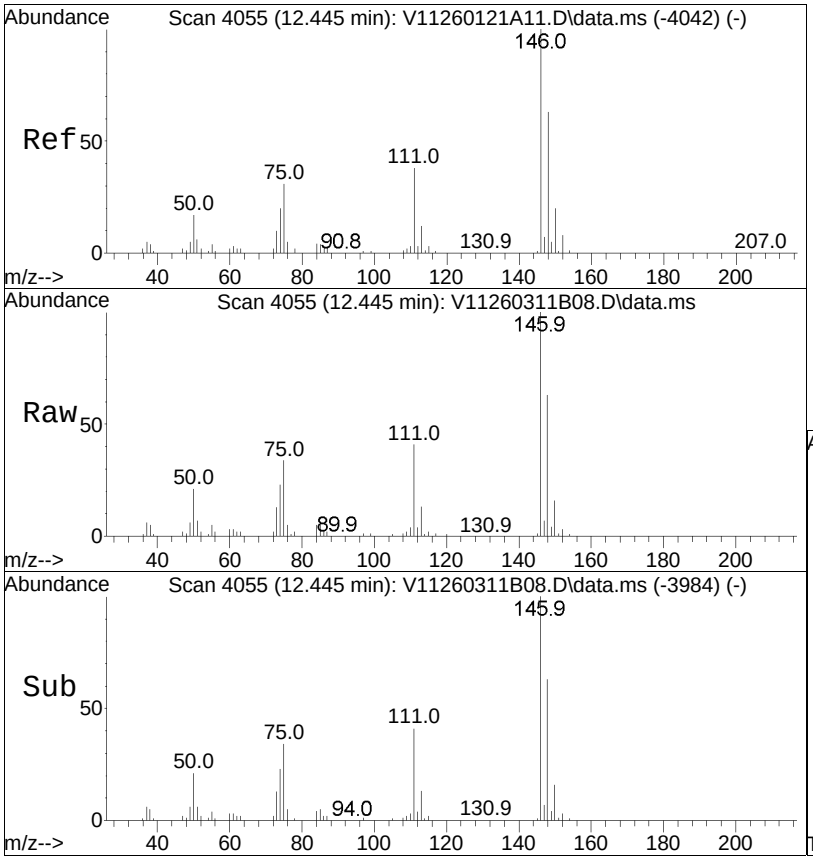


#100
1,3-Dichlorobenzene
Concen: 100.77 ug/L
RT: 12.353 min Scan# 4022
Delta R.T. -0.006 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:146 Resp: 801525

Ion	Ratio	Lower	Upper
146	100		
111	43.6	25.6	53.2
148	63.8	41.3	85.9

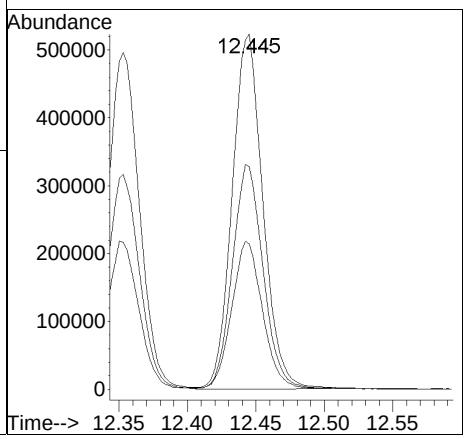


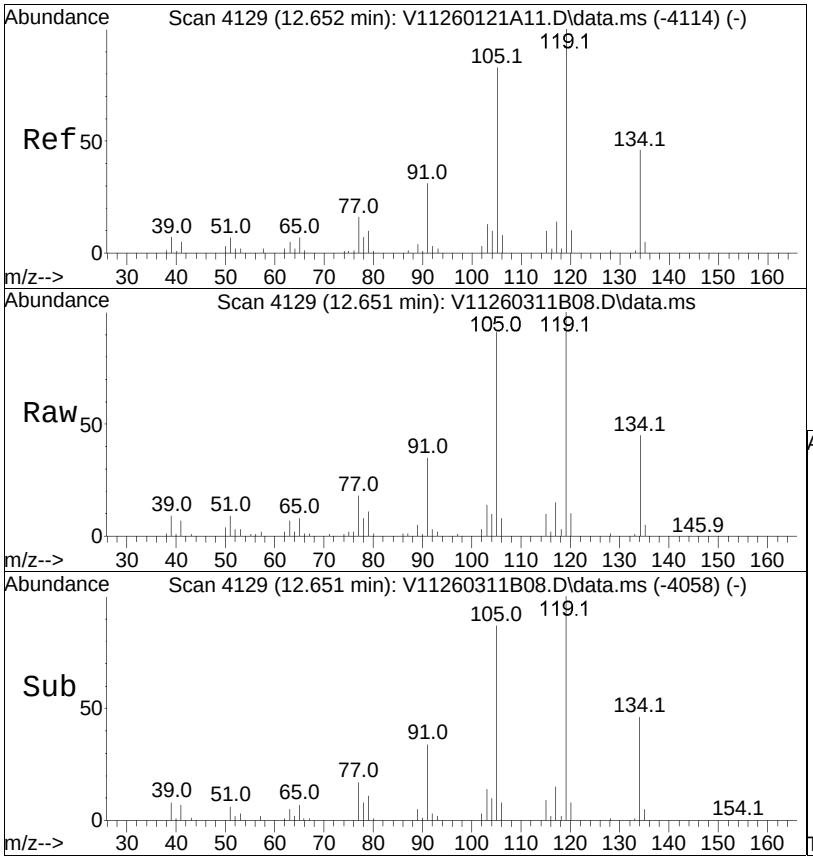


#101
1,4-Dichlorobenzene
Concen: 97.58 ug/L
RT: 12.445 min Scan# 4055
Delta R.T. -0.003 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:146 Resp: 816928

Ion	Ratio	Lower	Upper
146	100		
111	41.3	31.4	47.0
148	63.6	50.7	76.1

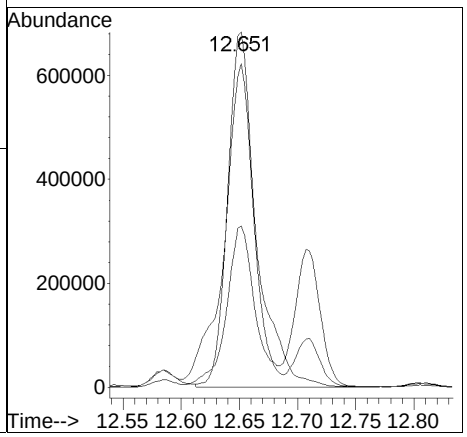


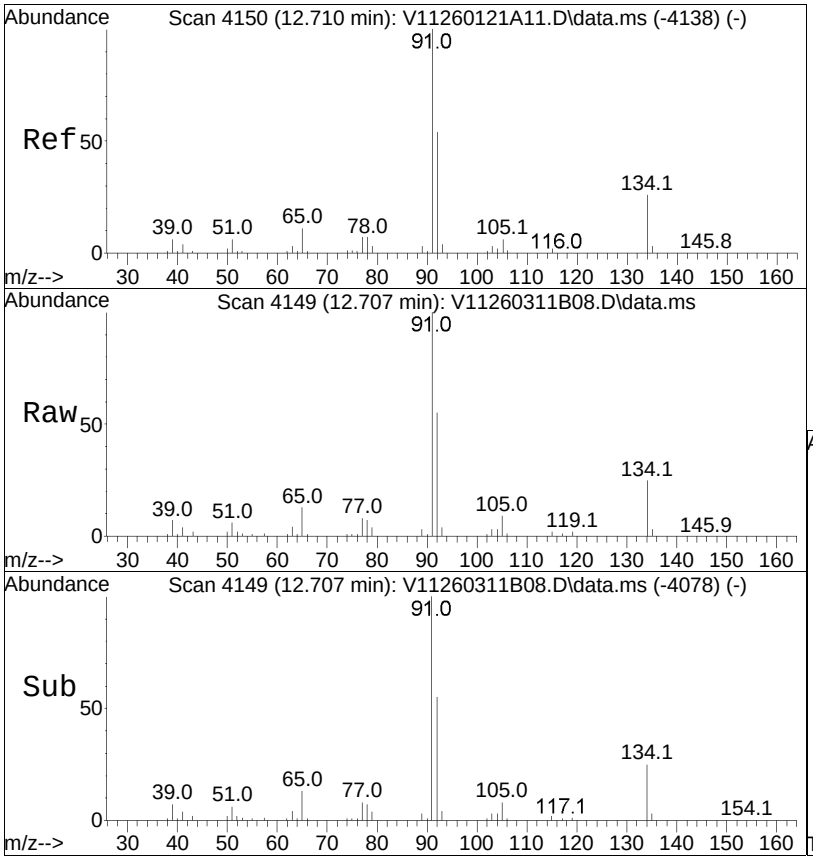


#102
p-Diethylbenzene
Concen: 134.34 ug/L
RT: 12.651 min Scan# 4129
Delta R.T. -0.003 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:119 Resp: 1177189

Ion	Ratio	Lower	Upper
119	100		
105	94.1	54.5	113.3
134	45.5	29.9	62.1

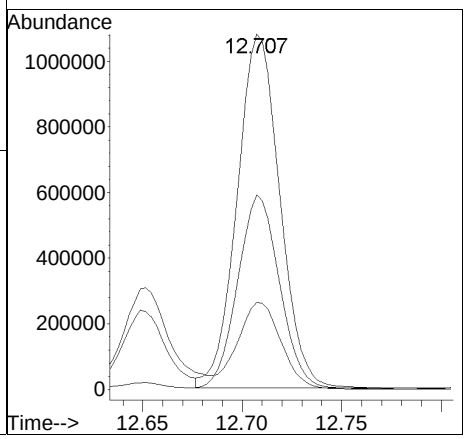


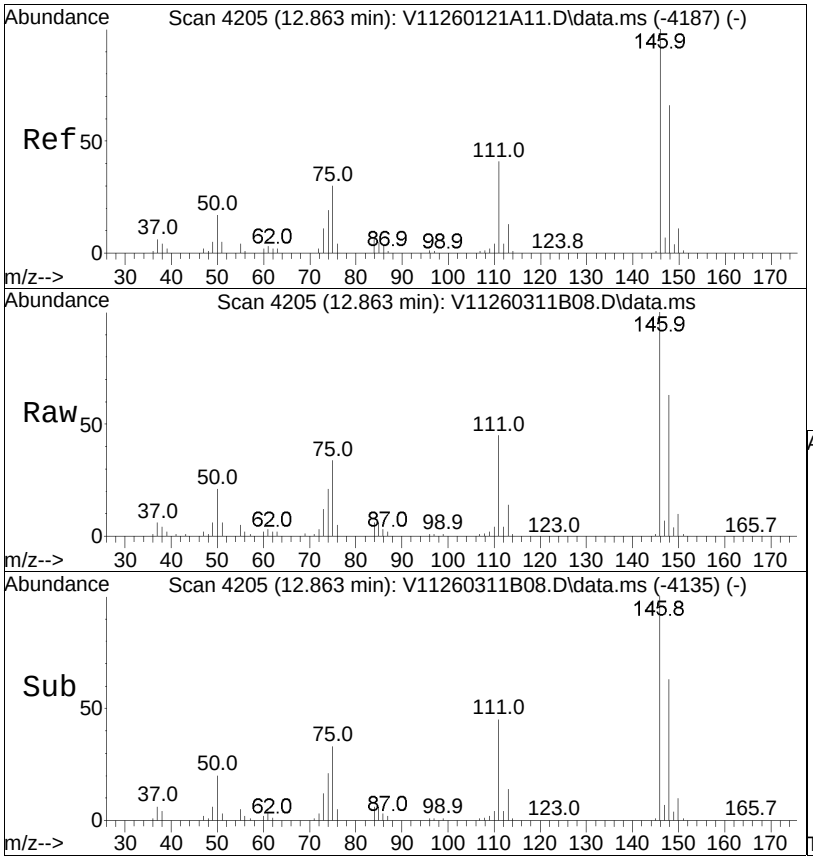


#103
n-Butylbenzene
Concen: 120.67 ug/L
RT: 12.707 min Scan# 4149
Delta R.T. -0.003 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion: 91 Resp: 1606998

Ion	Ratio	Lower	Upper
91	100		
92	53.9	43.3	64.9
134	25.0	21.4	32.0

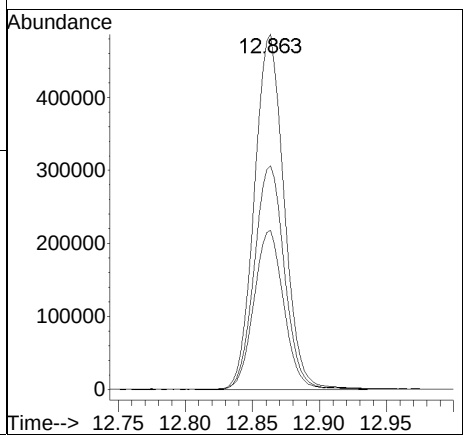


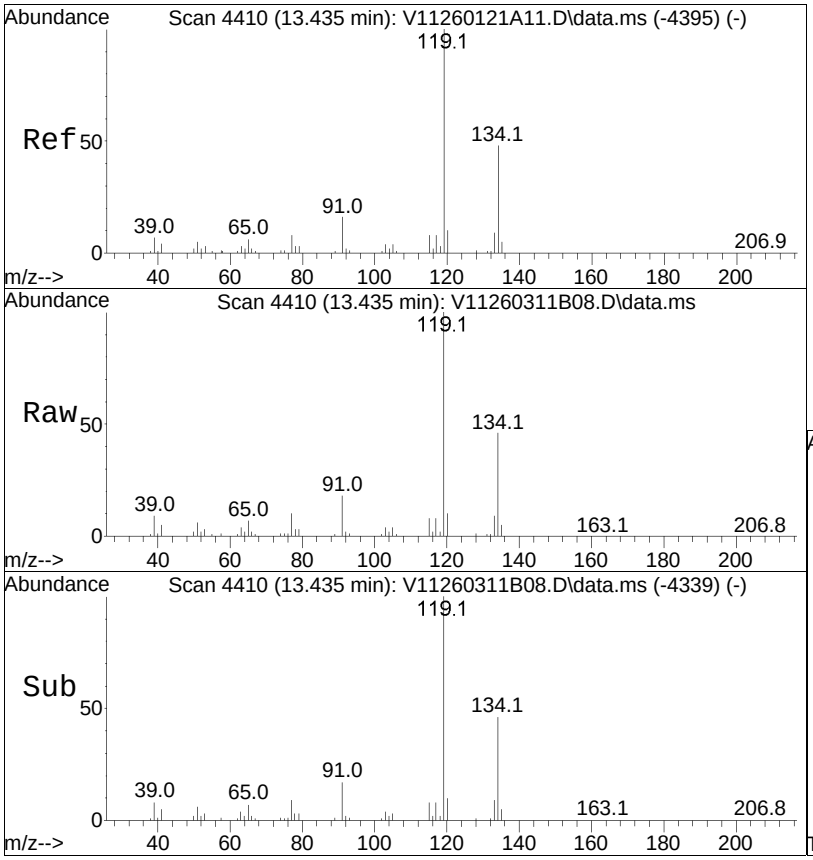


#104
1,2-Dichlorobenzene
Concen: 100.29 ug/L
RT: 12.863 min Scan# 4205
Delta R.T. -0.006 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:146 Resp: 751532

Ion	Ratio	Lower	Upper
146	100		
111	44.8	26.9	55.9
148	64.0	41.2	85.6

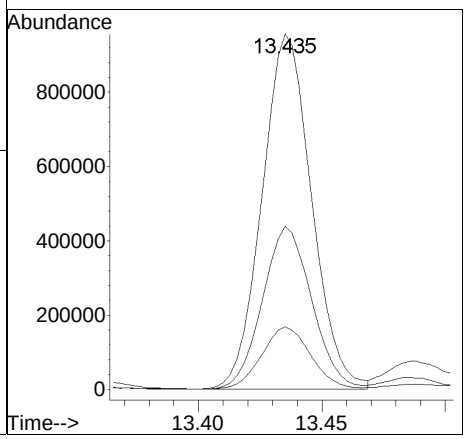


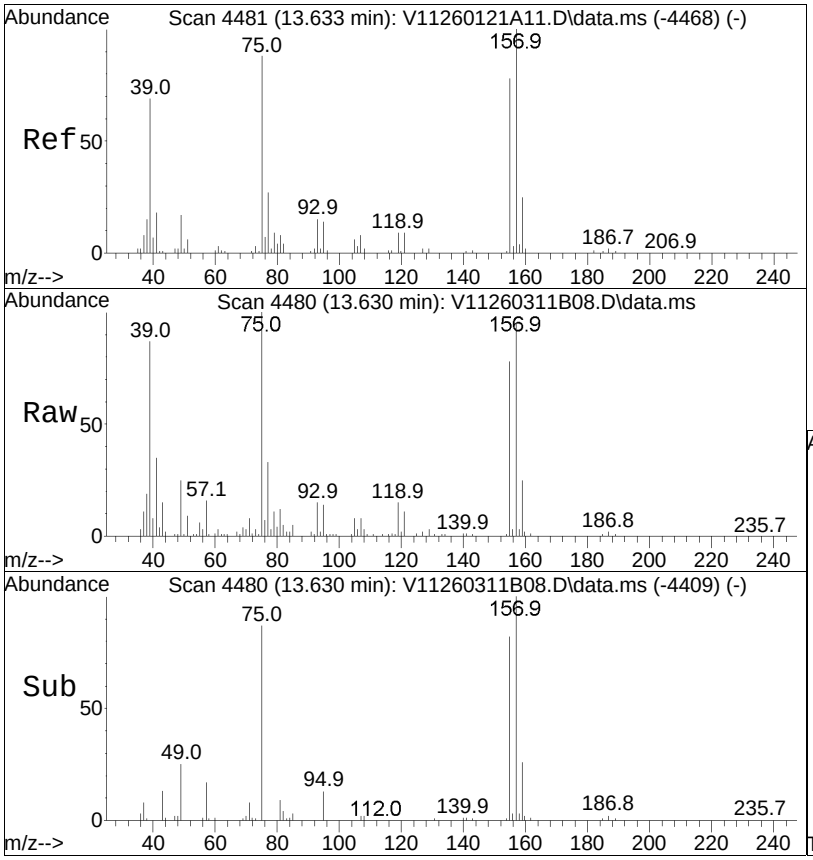


#105
1,2,4,5-Tetramethylbenzene
Concen: 99.77 ug/L
RT: 13.435 min Scan# 4410
Delta R.T. -0.003 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:119 Resp: 1333899

Ion	Ratio	Lower	Upper
119	100		
134	45.7	31.1	64.5
91	17.4	10.4	21.6

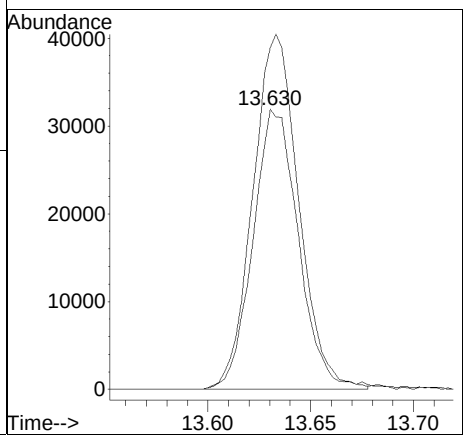


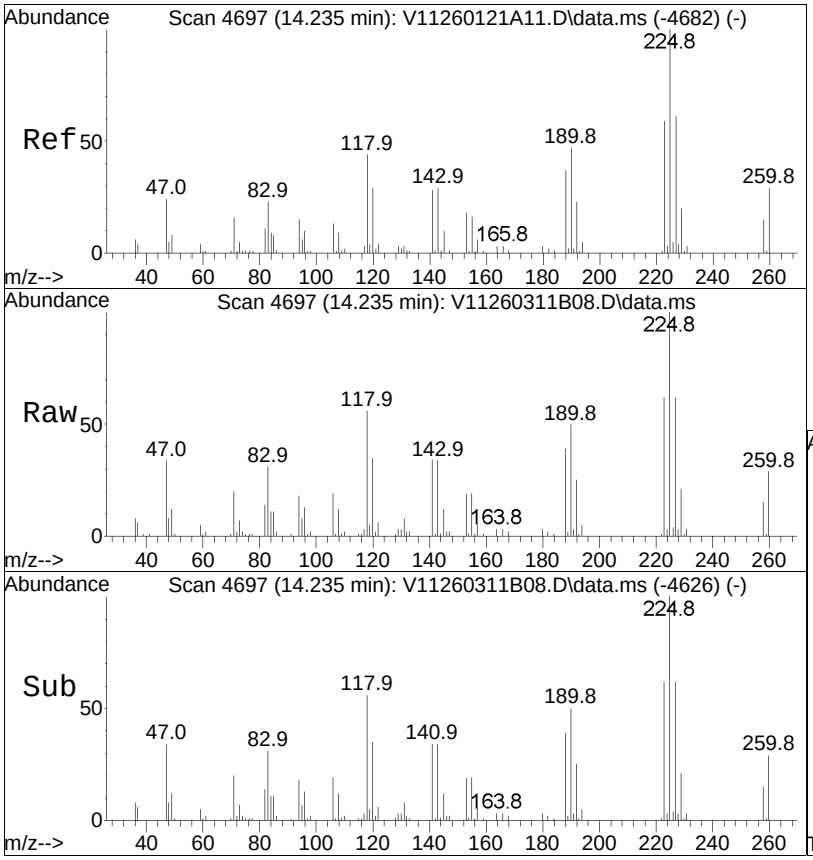


#106
1,2-Dibromo-3-chloropropane
Concen: 85.86 ug/L
RT: 13.630 min Scan# 4480
Delta R.T. -0.003 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:155 Resp: 49003

Ion	Ratio	Lower	Upper
155	100		
157	129.0	100.0	150.0

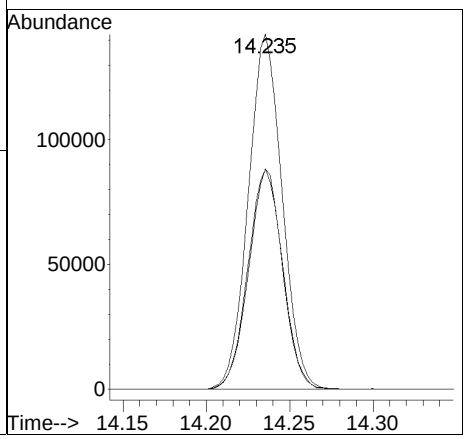


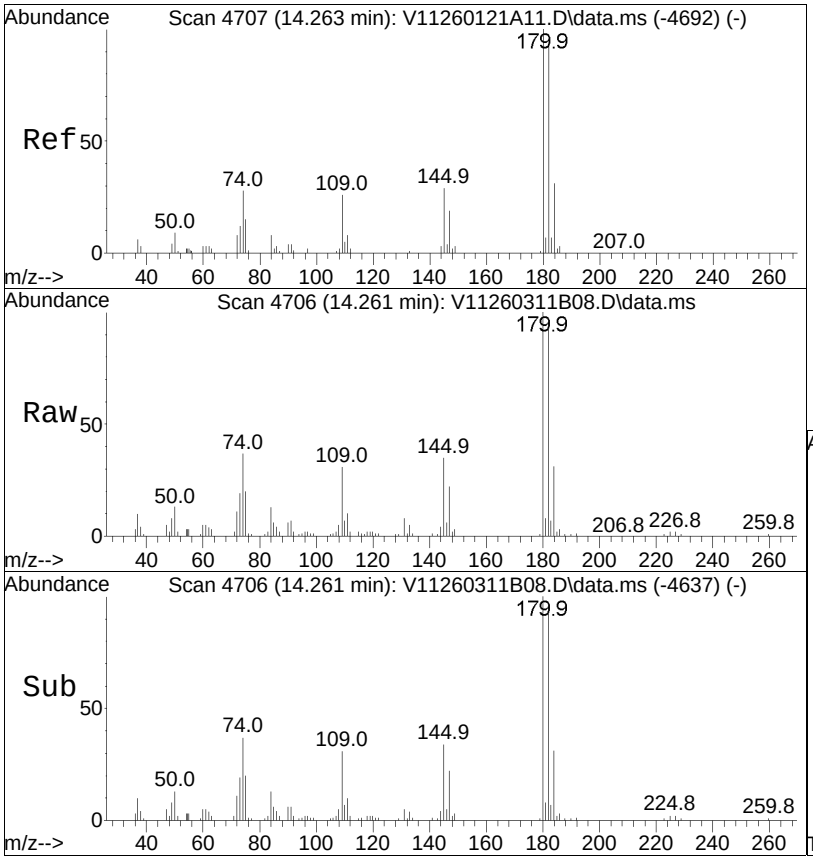


#108
Hexachlorobutadiene
Concen: 80.66 ug/L
RT: 14.235 min Scan# 4697
Delta R.T. -0.003 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:225 Resp: 201531

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.9	74.9
227	62.6	50.6	75.8

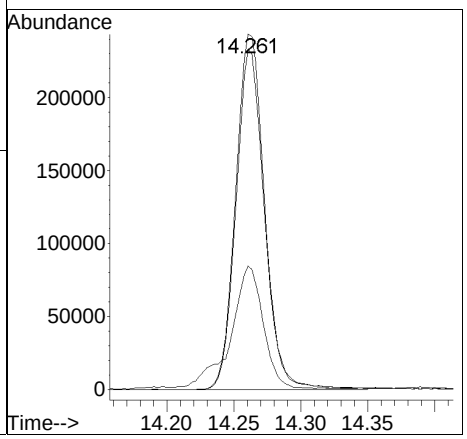


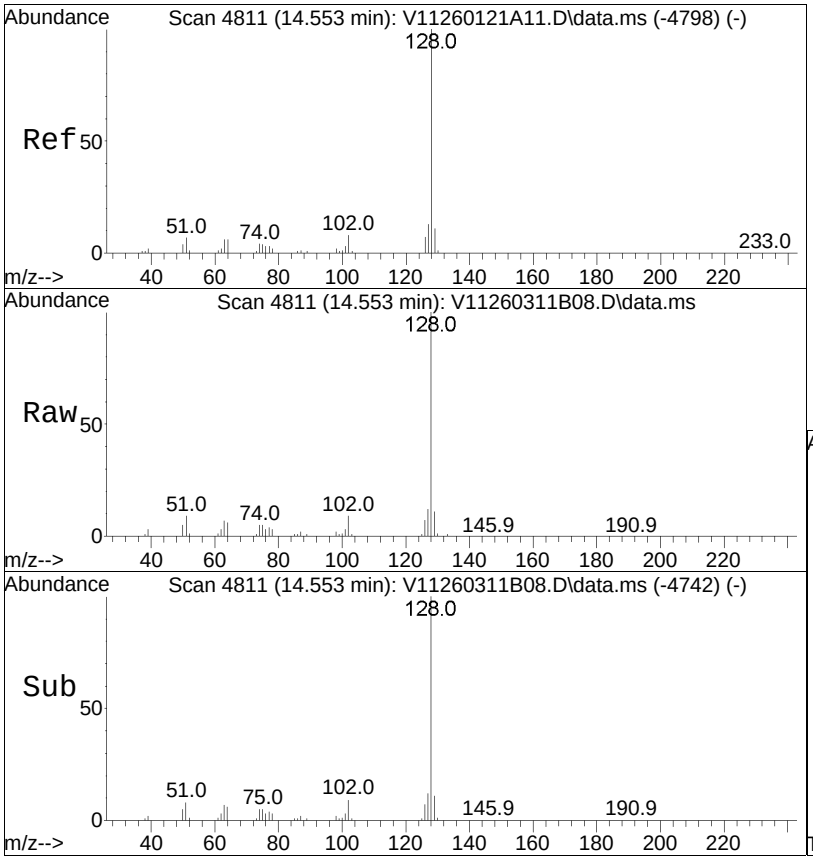


#109
1,2,4-Trichlorobenzene
Concen: 81.94 ug/L
RT: 14.261 min Scan# 4706
Delta R.T. -0.008 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:180 Resp: 367197

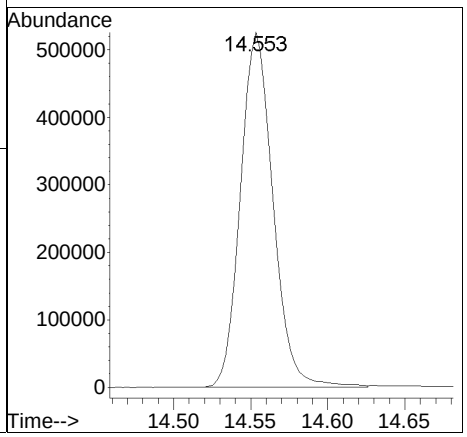
Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.8	113.6
145	38.3	29.6	44.4

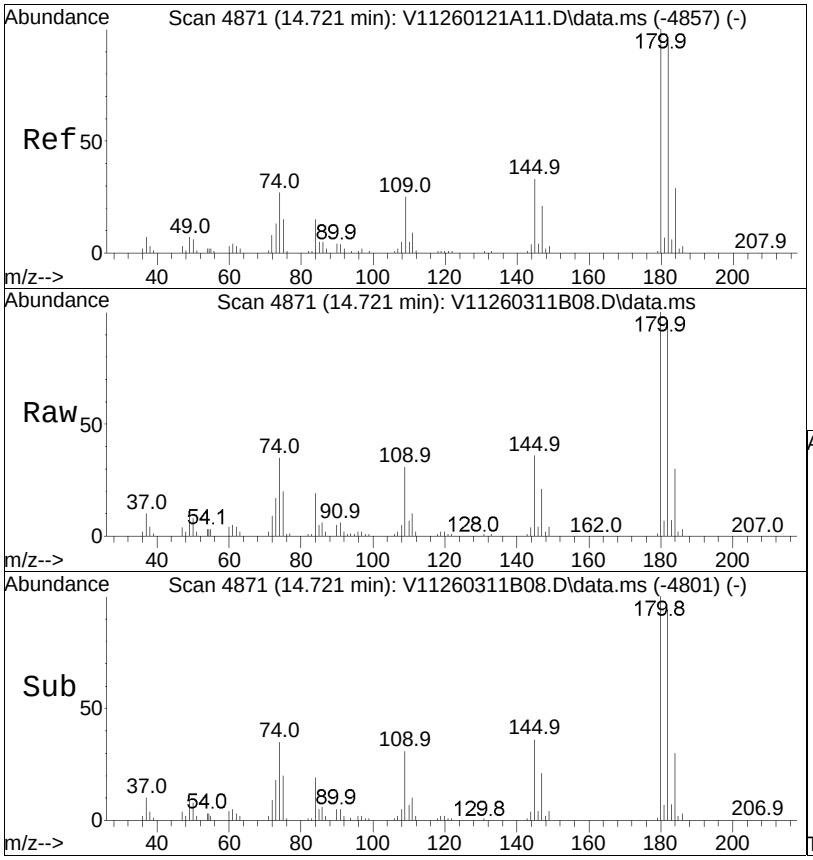




#110
Naphthalene
Concen: 92.15 ug/L
RT: 14.553 min Scan# 4811
Delta R.T. -0.008 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:128 Resp: 773579

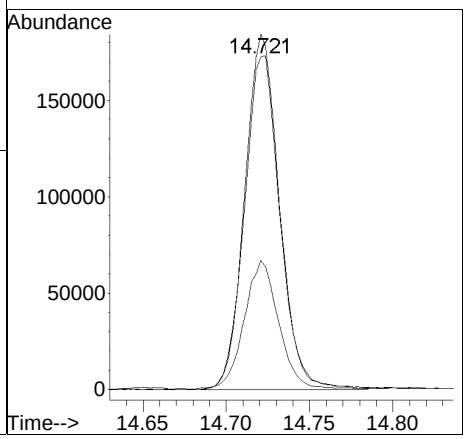




#111
1,2,3-Trichlorobenzene
Concen: 77.71 ug/L
RT: 14.721 min Scan# 4871
Delta R.T. -0.006 min
Lab File: V11260311B08.D
Acq: 11 Mar 2026 04:03 pm

Tgt Ion:180 Resp: 268012

Ion	Ratio	Lower	Upper
180	100		
182	95.5	74.2	111.4
145	35.6	26.3	39.5



Manual Integration Report

Data Path	: K:\VOA111\2026\260311B\	QMethod	: V111_260121A_8260.m
Data File	: V11260311B08.D	Operator	: VOA111:RAW
Date Inj'd	: 3/11/2026 4:03 pm	Instrument	: VOA111
Sample	: WG2183467-6,31H,5.55,5,0.1	Quant Date	: 3/11/2026 4:29 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B09.D
Acq On : 11 Mar 2026 04:29 pm
Operator : VOA111:RAW
Sample : WG2183467-7,31H,5.55,5,0.100,,A,30.04,36.0
Misc : WG2183467,ICAL22987
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 11 17:12:19 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260311B\V11260311B01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.204	96	254618	20.000	ug/L	0.00
Standard Area 1 = 316441			Recovery = 80.46%			
59) Chlorobenzene-d5	9.768	117	187934	20.000	ug/L	0.00
Standard Area 1 = 225831			Recovery = 83.22%			
79) 1,4-Dichlorobenzene-d4	12.429	152	96190	20.000	ug/L	0.00
Standard Area 1 = 107740			Recovery = 89.28%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.370	113	62946	19.826	ug/L	-0.01
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.13%			
43) 1,2-Dichloroethane-d4	5.909	65	71573	23.765	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 118.83%			
60) Toluene-d8	7.911	98	252952	20.841	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.21%			
83) 4-Bromofluorobenzene	11.241	95	97236	22.091	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 110.46%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.656	85	329278	107.659	ug/L #	95
3) Chloromethane	1.887	50	498697	151.057	ug/L	98
4) Vinyl chloride	1.938	62	465155	127.290	ug/L	98
5) Bromomethane	2.269	94	213957	76.400	ug/L	99
6) Chloroethane	2.370	64	143646	65.335	ug/L	96
7) Trichlorofluoromethane	2.498	101	460713	109.271	ug/L	100
8) Ethyl ether	2.861	74	185881	105.353	ug/L	76
10) 1,1-Dichloroethene	3.053	96	275625	106.323	ug/L	93
11) Carbon disulfide	3.084	76	994900	102.145	ug/L	100
15) Methylene chloride	3.630	84	346918	98.766	ug/L	77
17) Acetone	3.683	43	85315	102.484	ug/L	92
18) trans-1,2-Dichloroethene	3.792	96	320111	104.719	ug/L	92
20) Methyl tert-butyl ether	3.898	73	988710	104.971	ug/L	91
23) 1,1-Dichloroethane	4.392	63	636651	113.668	ug/L	97
25) Acrylonitrile	4.439	53	95411	116.448	ug/L	94
27) Vinyl acetate	4.631	43	854897	117.358	ug/L #	96
28) cis-1,2-Dichloroethene	4.922	96	358817	102.820	ug/L	91
29) 2,2-Dichloropropane	5.027	77	505085	110.834	ug/L	95
30) Bromochloromethane	5.122	128	160946	97.398	ug/L #	78
32) Chloroform	5.195	83	616325	104.866	ug/L	98

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B09.D
Acq On : 11 Mar 2026 04:29 pm
Operator : VOA111:RAW
Sample : WG2183467-7,31H,5.55,5,0.100,,A,30.04,36.0
Misc : WG2183467,ICAL22987
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 11 17:12:19 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260311B\V11260311B01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	5.337	117	448165	105.933	ug/L		98
37) 1,1,1-Trichloroethane	5.401	97	513967	110.257	ug/L		98
39) 2-Butanone	5.496	43	123845	135.098	ug/L	#	73
40) 1,1-Dichloropropene	5.527	75	437968	117.569	ug/L		97
41) Benzene	5.775	78	1292091	106.575	ug/L		93
44) 1,2-Dichloroethane	5.978	62	484521	116.478	ug/L		100
48) Trichloroethene	6.383	95	344640	105.289	ug/L		95
50) Dibromomethane	6.826	93	208700	103.436	ug/L		93
51) 1,2-Dichloropropane	6.927	63	364927	112.297	ug/L		96
54) Bromodichloromethane	6.999	83	491436	108.096	ug/L		99
57) 1,4-Dioxane	7.225	88	103077	4888.112	ug/L	#	75
58) cis-1,3-Dichloropropene	7.696	75	573652	110.334	ug/L		95
61) Toluene	7.970	92	821688	105.850	ug/L		97
62) 4-Methyl-2-pentanone	8.396	58	113594	116.809	ug/L	#	96
63) Tetrachloroethene	8.424	166	305893	98.194	ug/L		93
65) trans-1,3-Dichloropropene	8.449	75	514724	111.076	ug/L		87
68) 1,1,2-Trichloroethane	8.639	83	278407	119.284	ug/L		88
69) Chlorodibromomethane	8.854	129	348776	101.832	ug/L		96
70) 1,3-Dichloropropane	8.962	76	505237	109.352	ug/L		100
71) 1,2-Dibromoethane	9.135	107	286347	110.088	ug/L		98
72) 2-Hexanone	9.417	43	191982	135.455	ug/L	#	96
73) Chlorobenzene	9.791	112	926199	103.616	ug/L	#	81
74) Ethylbenzene	9.827	91	1946159	130.301	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.871	131	339526	99.460	ug/L		100
76) p/m Xylene	10.014	106	1573456	279.015	ug/L		92
77) o Xylene	10.546	106	1238300	215.160	ug/L		93
78) Styrene	10.608	104	2159967	223.947	ug/L		96
80) Bromoform	10.635	173	208175	96.868	ug/L		100
82) Isopropylbenzene	10.917	105	1669118	116.445	ug/L		98
84) Bromobenzene	11.349	156	376065	97.699	ug/L		100
85) n-Propylbenzene	11.388	91	2174141	129.712	ug/L		97
87) 1,1,2,2-Tetrachloroethane	11.467	83	377816	109.615	ug/L		100
88) 4-Ethyltoluene	11.511	105	2078808	147.047	ug/L		98
89) 2-Chlorotoluene	11.556	91	1170001	114.579	ug/L		96
90) 1,3,5-Trimethylbenzene	11.606	105	1595293	129.167	ug/L		96
91) 1,2,3-Trichloropropane	11.606	75	309616	116.914	ug/L		97
92) trans-1,4-Dichloro-2-b...	11.656	53	116529	120.507	ug/L		92
93) 4-Chlorotoluene	11.737	91	1229119	115.805	ug/L		95
94) tert-Butylbenzene	11.943	119	1148816	111.135	ug/L		95

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B09.D
Acq On : 11 Mar 2026 04:29 pm
Operator : VOA111:RAW
Sample : WG2183467-7,31H,5.55,5,0.100,,A,30.04,36.0
Misc : WG2183467,ICAL22987
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 11 17:12:19 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA111\2026\260311B\V11260311B01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	12.019	105	2074007	170.368	ug/L	96
98) sec-Butylbenzene	12.130	105	1798844	117.995	ug/L	98
99) p-Isopropyltoluene	12.281	119	1537332	115.457	ug/L	98
100) 1,3-Dichlorobenzene	12.353	146	738102	102.820	ug/L	97
101) 1,4-Dichlorobenzene	12.443	146	730680	96.701	ug/L	98
102) p-Diethylbenzene	12.649	119	1070303	135.332	ug/L	93
103) n-Butylbenzene	12.710	91	1504836	125.202	ug/L	98
104) 1,2-Dichlorobenzene	12.864	146	694666	102.710	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.435	119	1364117	113.045	ug/L	97
106) 1,2-Dibromo-3-chloropr...	13.633	155	50910	98.834	ug/L	99
108) Hexachlorobutadiene	14.236	225	209062	92.713	ug/L	99
109) 1,2,4-Trichlorobenzene	14.261	180	372149	92.009	ug/L	98
110) Naphthalene	14.554	128	804778	106.211	ug/L	100
111) 1,2,3-Trichlorobenzene	14.721	180	279070	89.652	ug/L	97

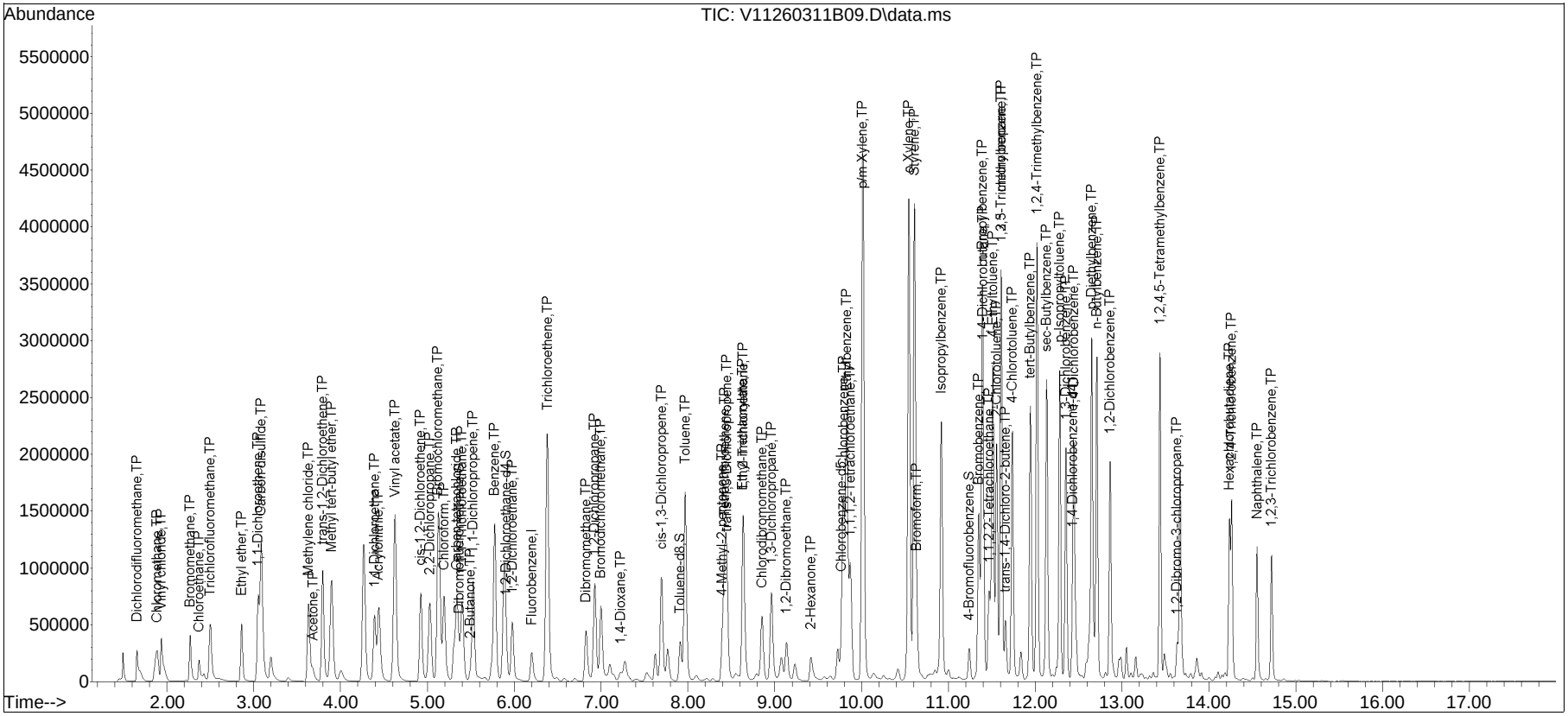
(#) = qualifier out of range (m) = manual integration (+) = signals summed

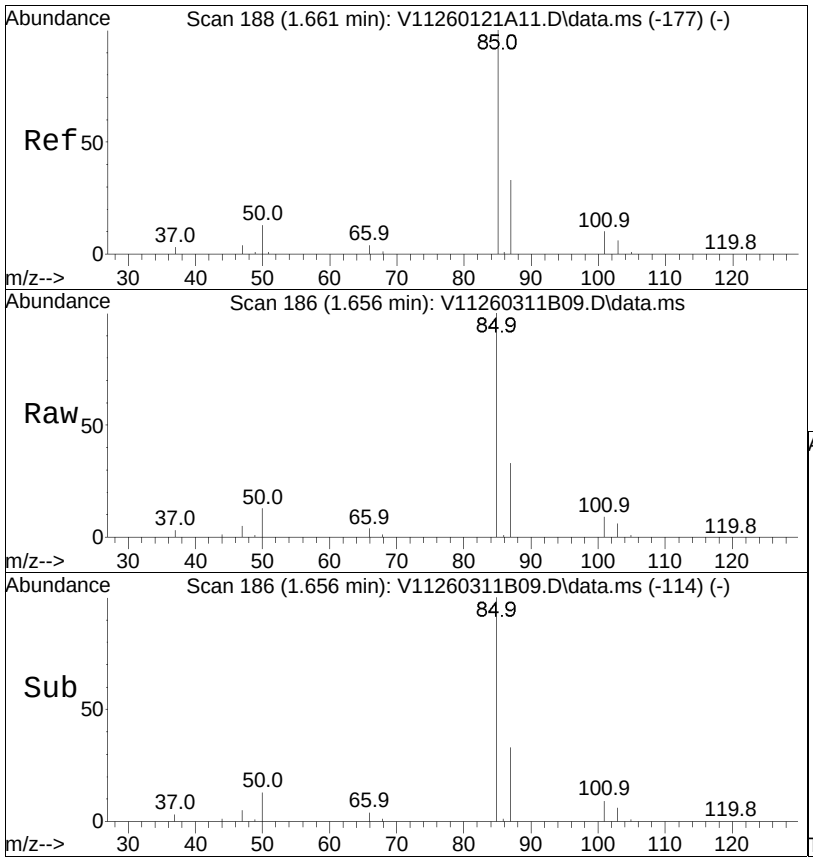
Quantitation Report (QT Reviewed)

Data Path : K:\VOA111\2026\260311B\
Data File : V11260311B09.D
Acq On : 11 Mar 2026 04:29 pm
Operator : VOA111:RAW
Sample : WG2183467-7,31H,5.55,5,0.100,,A,30.04,36.0
Misc : WG2183467,ICAL22987
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 11 17:12:19 2026
Quant Method : K:\VOA111\2026\260311B\V111_260121A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jan 22 13:25:35 2026
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox260311B01.D•

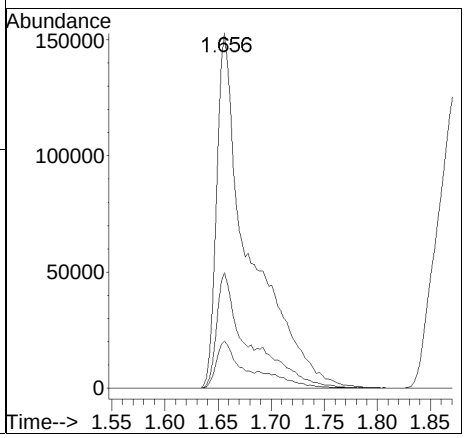


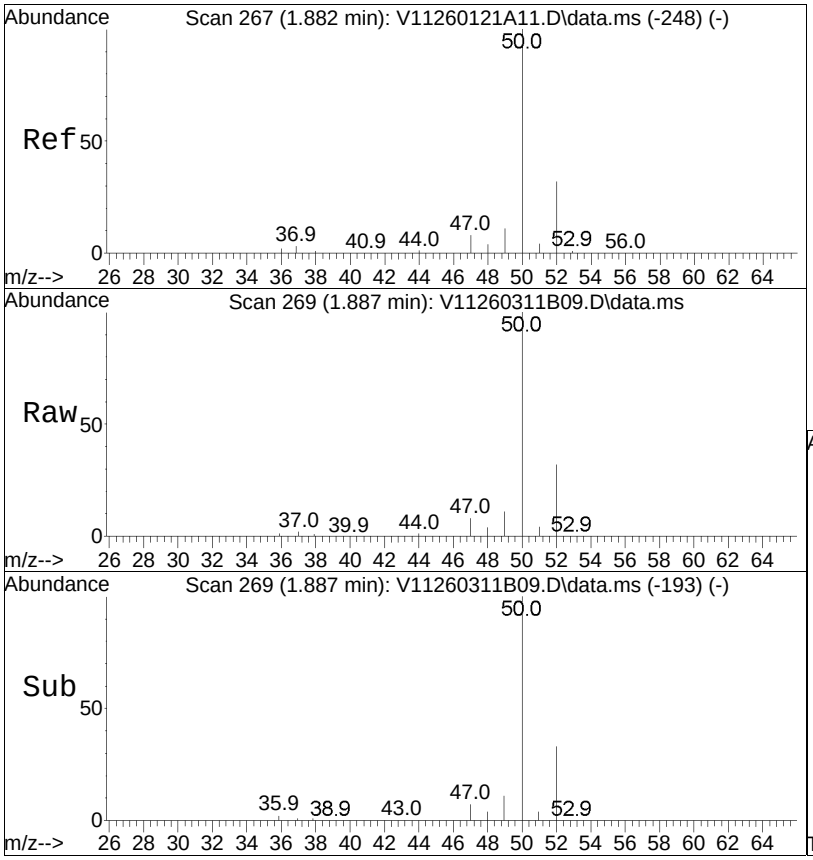


#2
Dichlorodifluoromethane
Concen: 107.66 ug/L
RT: 1.656 min Scan# 186
Delta R.T. 0.000 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 85 Resp: 329278

Ion	Ratio	Lower	Upper
85	100		
87	32.5	20.7	43.1
50	9.1	9.8	20.3#

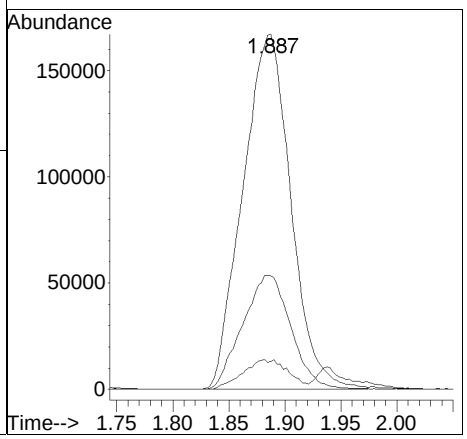


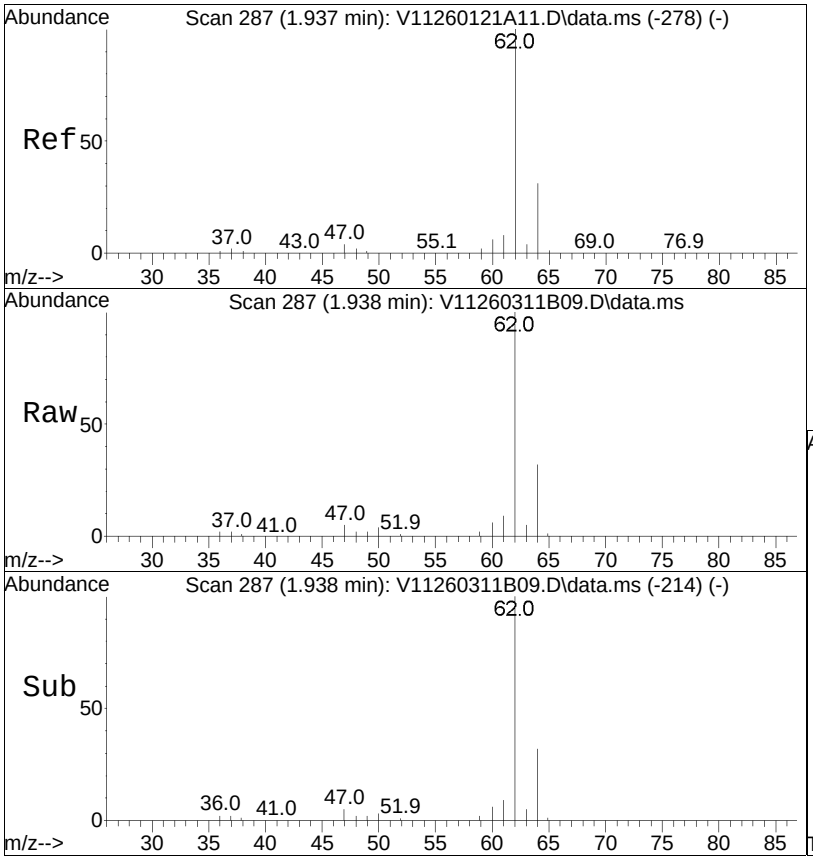


#3
Chloromethane
Concen: 151.06 ug/L
RT: 1.887 min Scan# 269
Delta R.T. 0.011 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 50 Resp: 498697

Ion	Ratio	Lower	Upper
50	100		
52	32.2	10.9	50.9
47	8.0	0.0	27.2

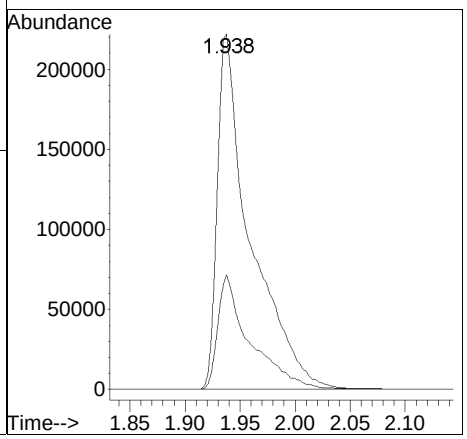


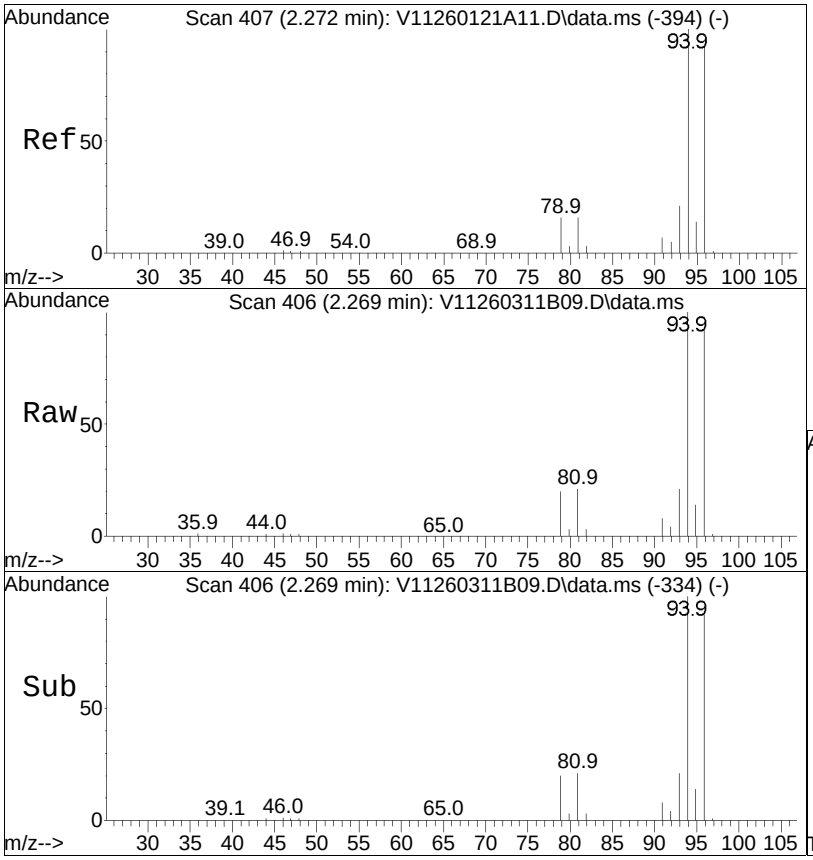


#4
Vinyl chloride
Concen: 127.29 ug/L
RT: 1.938 min Scan# 287
Delta R.T. 0.003 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 62 Resp: 465155

Ion	Ratio	Lower	Upper
62	100		
64	31.2	9.9	49.9

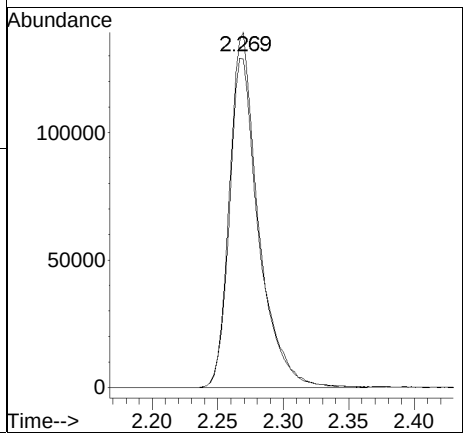


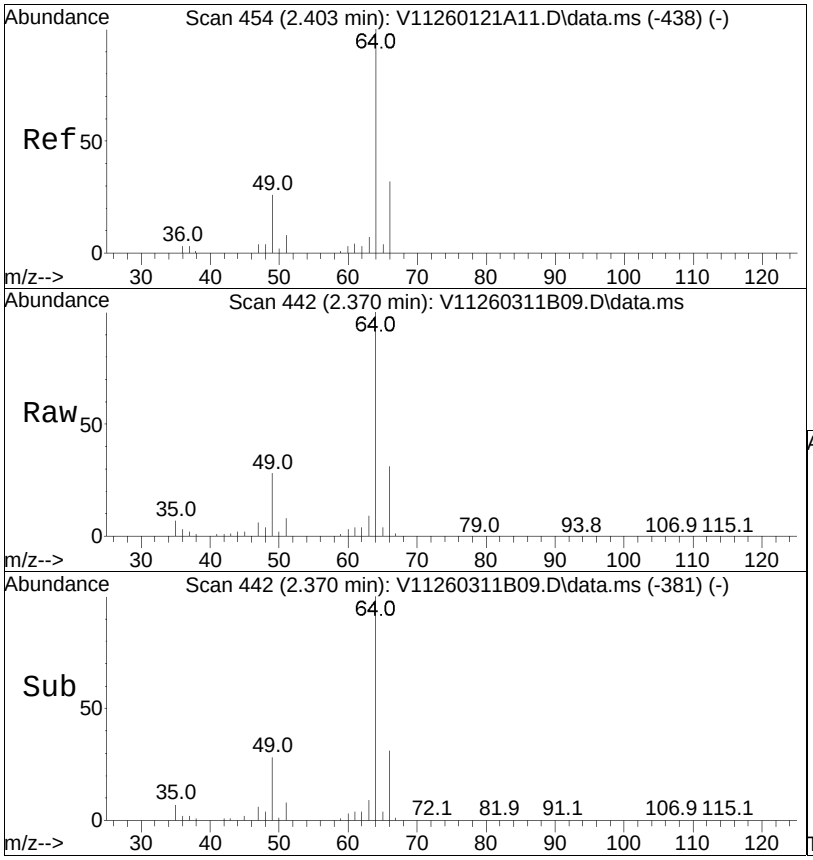


#5
Bromomethane
Concen: 76.40 ug/L
RT: 2.269 min Scan# 406
Delta R.T. 0.000 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 94 Resp: 213957

Ion	Ratio	Lower	Upper
94	100		
96	93.3	72.6	112.6

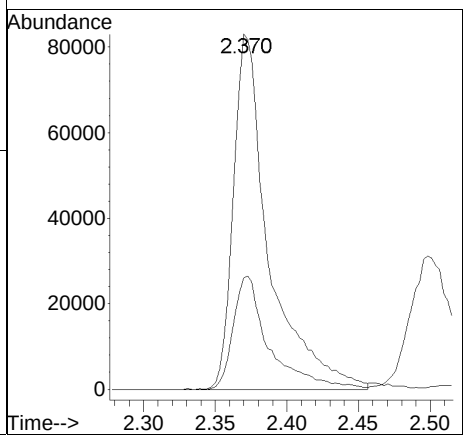


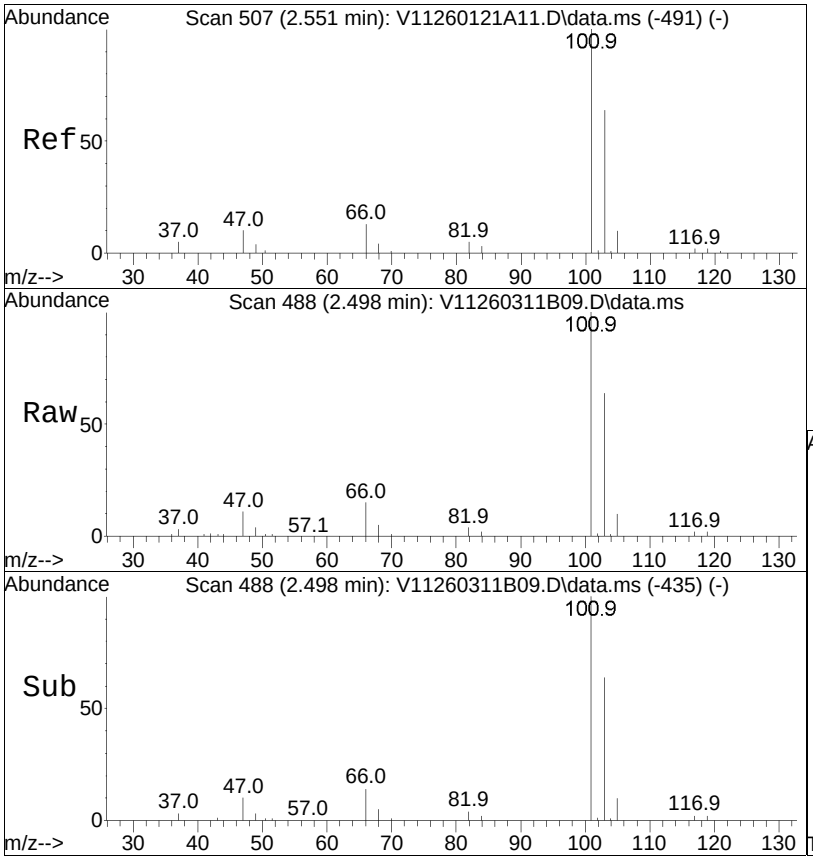


#6
Chloroethane
Concen: 65.33 ug/L
RT: 2.370 min Scan# 442
Delta R.T. -0.030 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 64 Resp: 143646

Ion	Ratio	Lower	Upper
64	100		
66	32.4	10.2	50.2

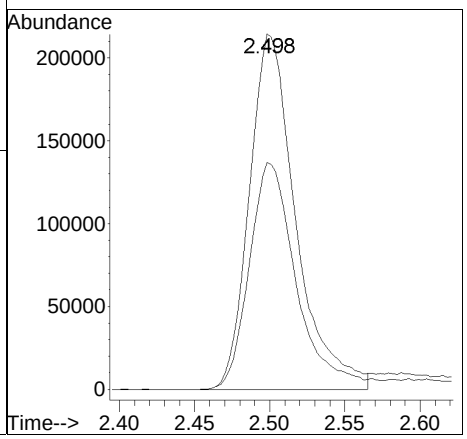


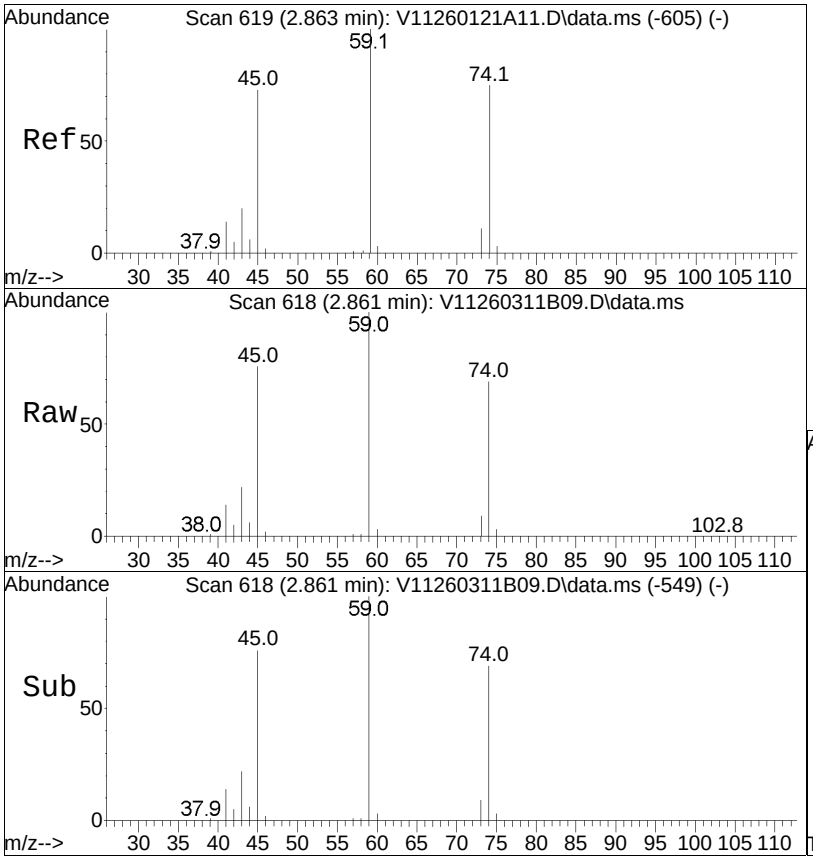


#7
Trichlorofluoromethane
Concen: 109.27 ug/L
RT: 2.498 min Scan# 488
Delta R.T. -0.053 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:101 Resp: 460713

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.8	77.6

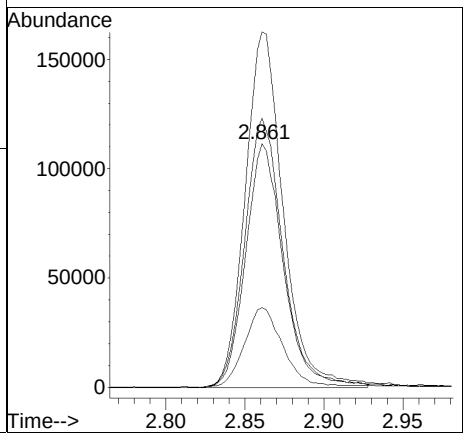


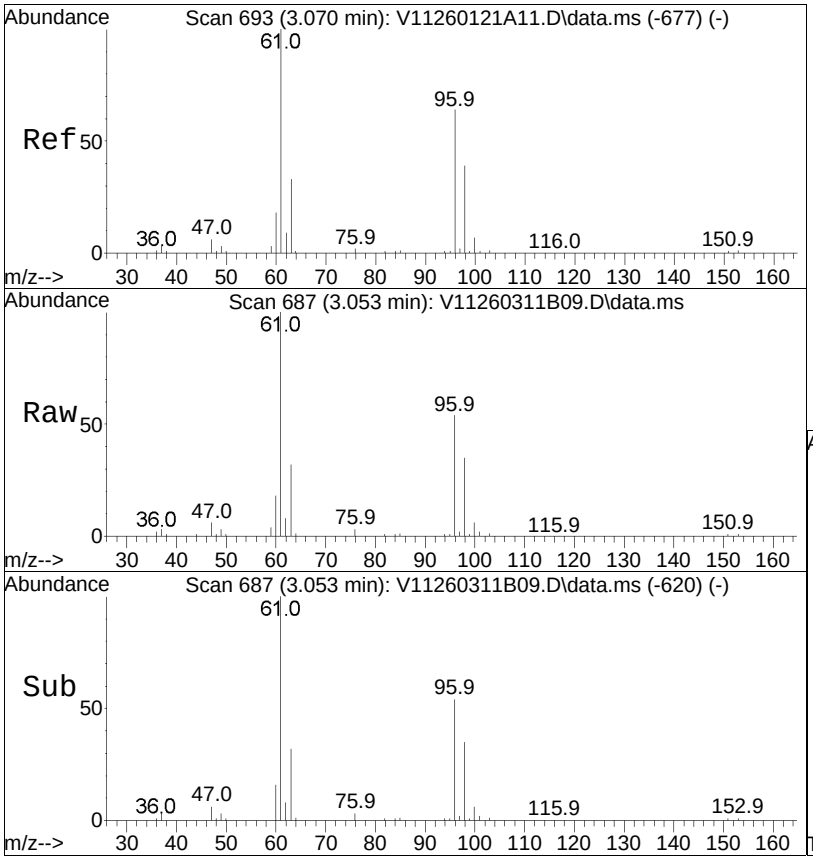


#8
Ethyl ether
Concen: 105.35 ug/L
RT: 2.861 min Scan# 618
Delta R.T. -0.008 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 74 Resp: 185881

Ion	Ratio	Lower	Upper
74	100		
59	148.2	113.5	235.7
45	112.7	100.4	208.4
43	33.5	27.1	56.3

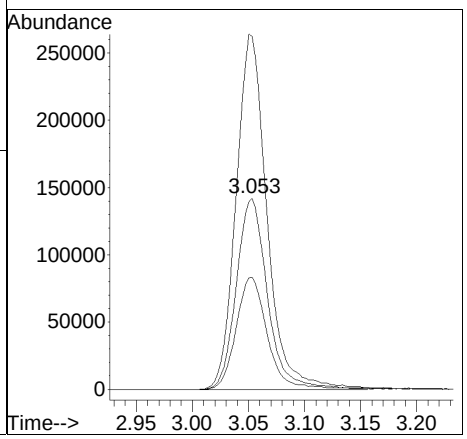


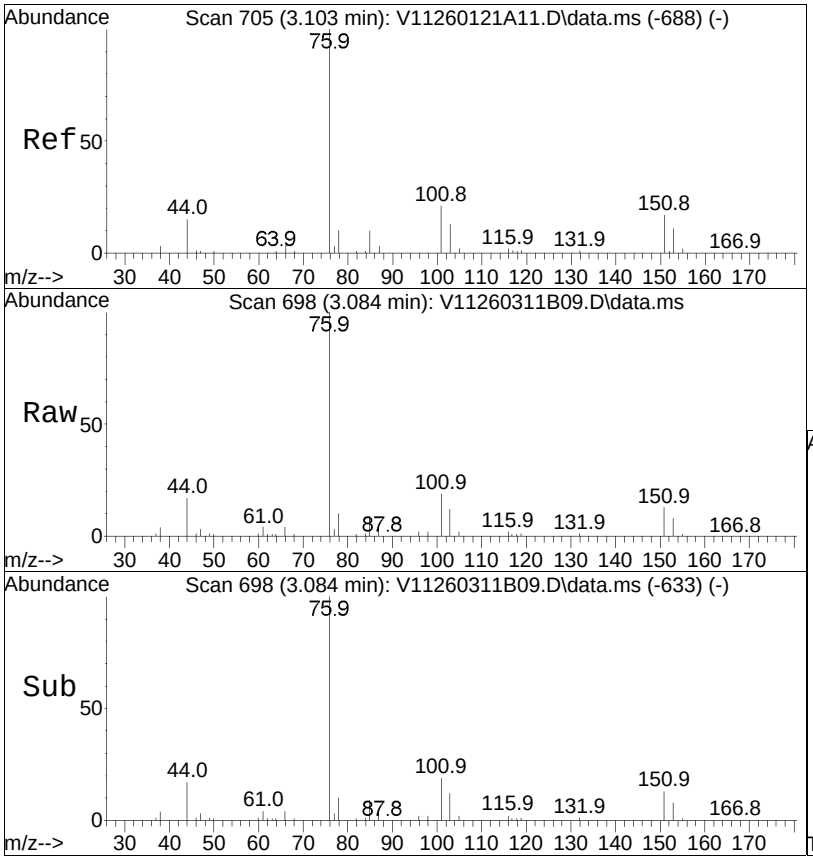


#10
1,1-Dichloroethene
Concen: 106.32 ug/L
RT: 3.053 min Scan# 687
Delta R.T. -0.014 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 96 Resp: 275625

Ion	Ratio	Lower	Upper
96	100		
61	184.0	157.7	236.5
63	58.2	47.9	71.9

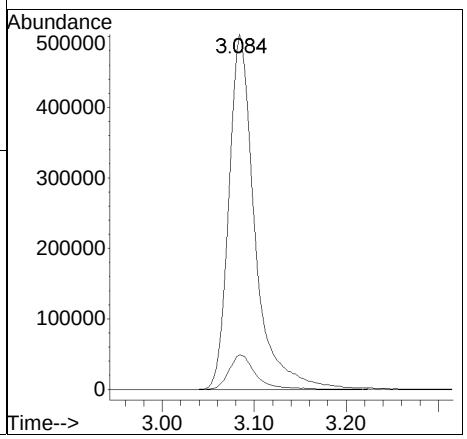


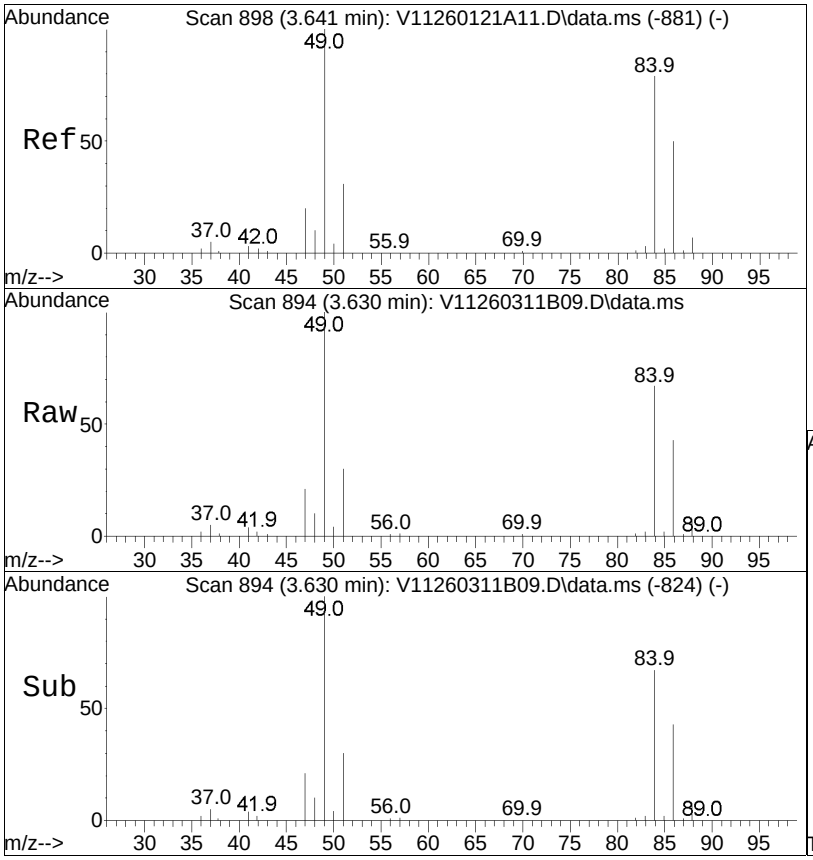


#11
Carbon disulfide
Concen: 102.15 ug/L
RT: 3.084 min Scan# 698
Delta R.T. -0.019 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 76 Resp: 994900

Ion	Ratio	Lower	Upper
76	100		
78	10.0	6.4	13.4

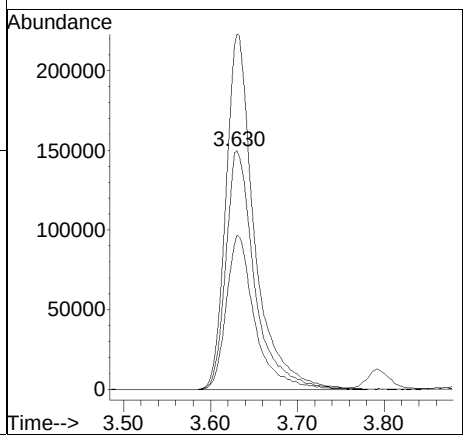


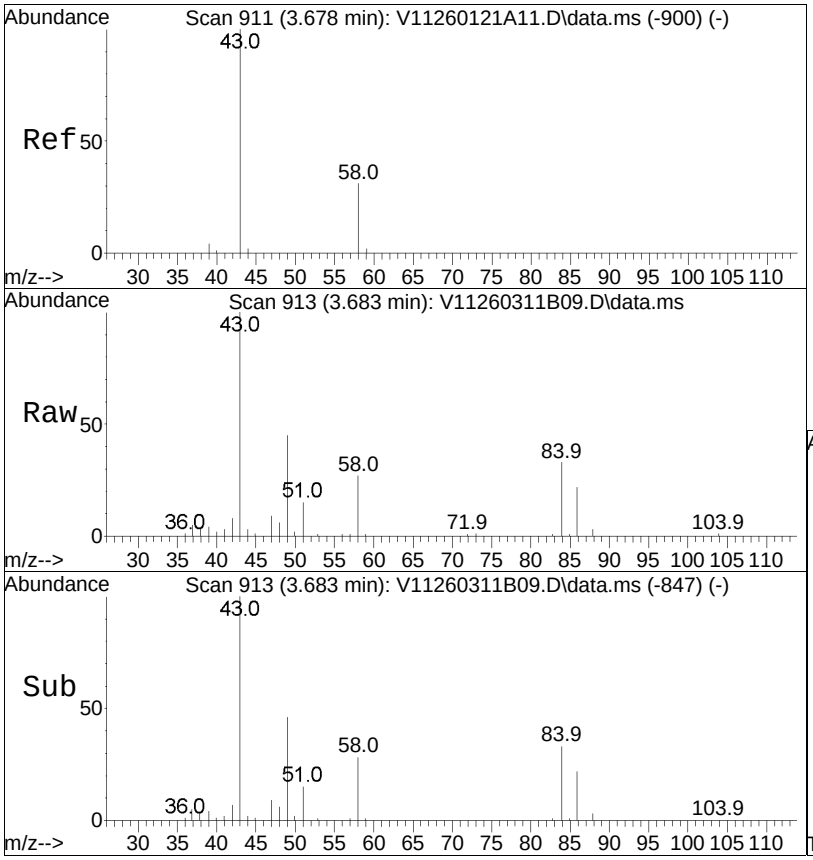


#15
Methylene chloride
Concen: 98.77 ug/L
RT: 3.630 min Scan# 894
Delta R.T. -0.005 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 84 Resp: 346918

Ion	Ratio	Lower	Upper
84	100		
86	64.0	41.1	85.3
49	146.3	124.2	258.0

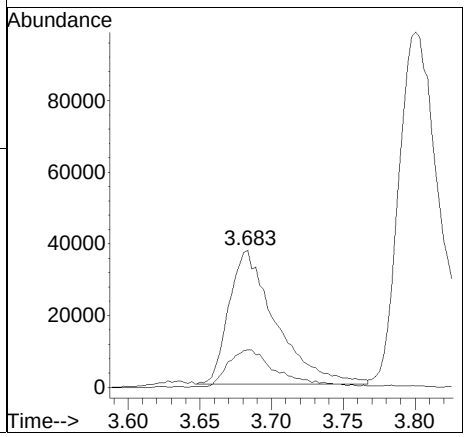


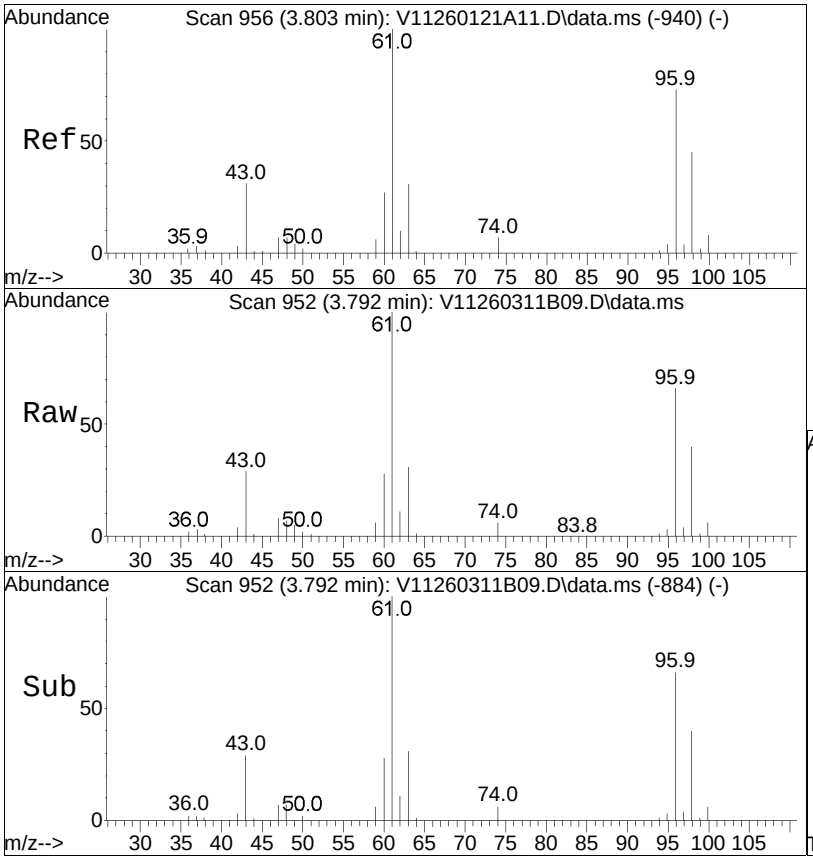


#17
Acetone
Concen: 102.48 ug/L
RT: 3.683 min Scan# 913
Delta R.T. -0.017 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 43 Resp: 85315

Ion	Ratio	Lower	Upper
43	100		
58	30.3	20.8	31.2

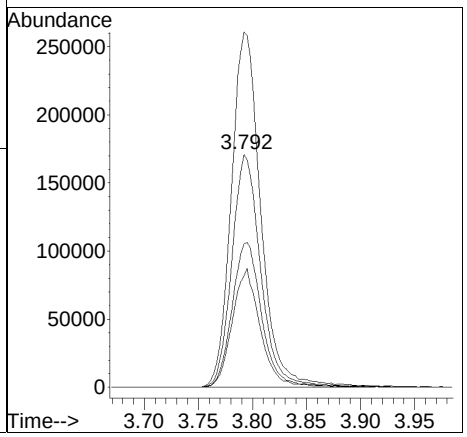


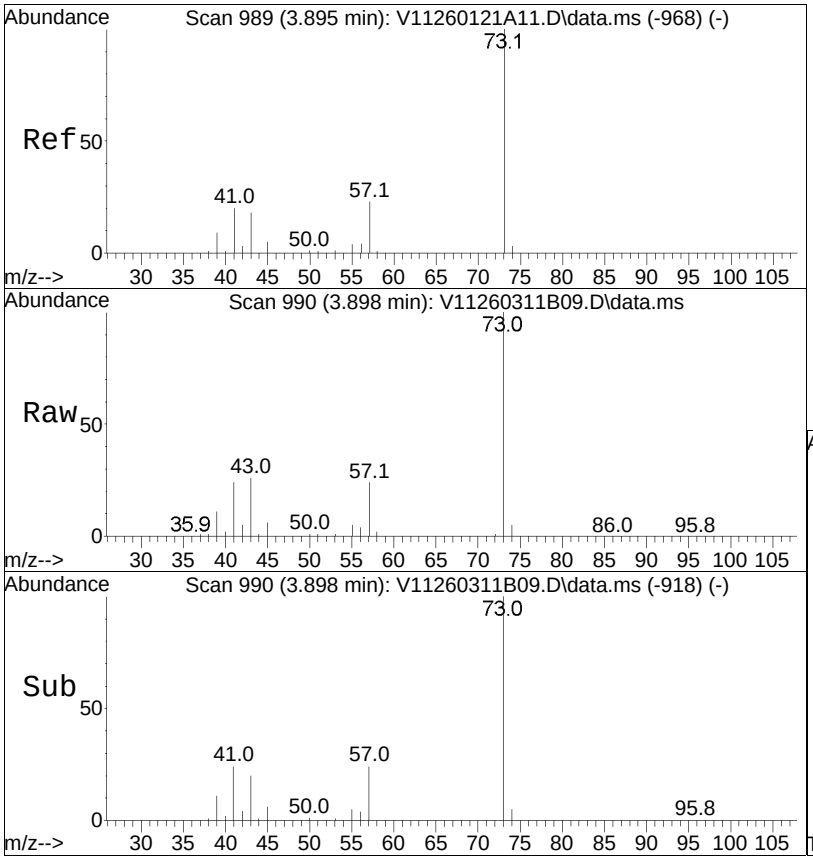


#18
trans-1,2-Dichloroethene
Concen: 104.72 ug/L
RT: 3.792 min Scan# 952
Delta R.T. -0.011 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 96 Resp: 320111

Ion	Ratio	Lower	Upper
96	100		
61	154.9	111.1	230.8
98	63.4	41.8	86.8
63	49.3	33.3	69.1

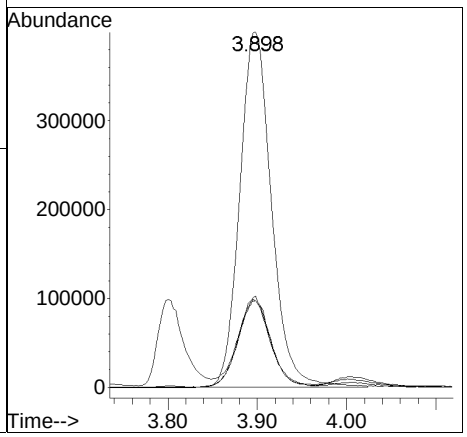


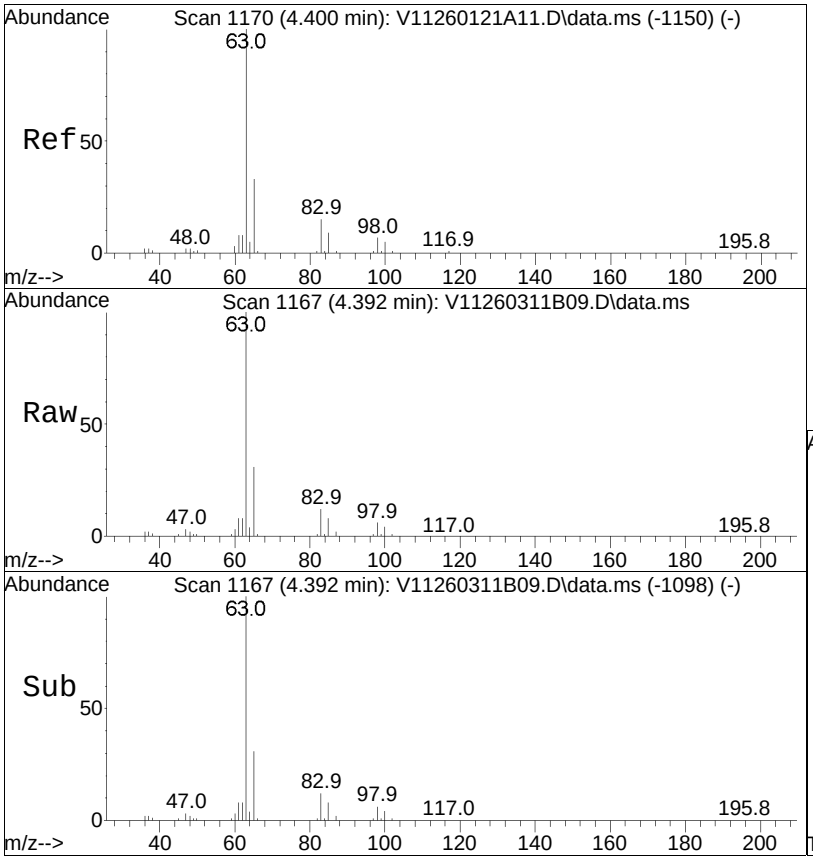


#20
Methyl tert-butyl ether
Concen: 104.97 ug/L
RT: 3.898 min Scan# 990
Delta R.T. 0.000 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 73 Resp: 988710

Ion	Ratio	Lower	Upper
73	100		
57	25.4	19.6	40.6
43	25.6	18.5	38.3
41	24.9	20.3	42.1

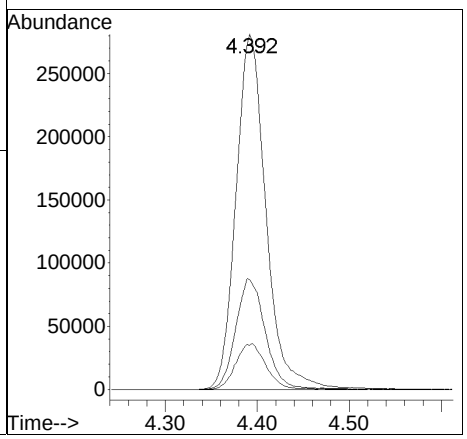


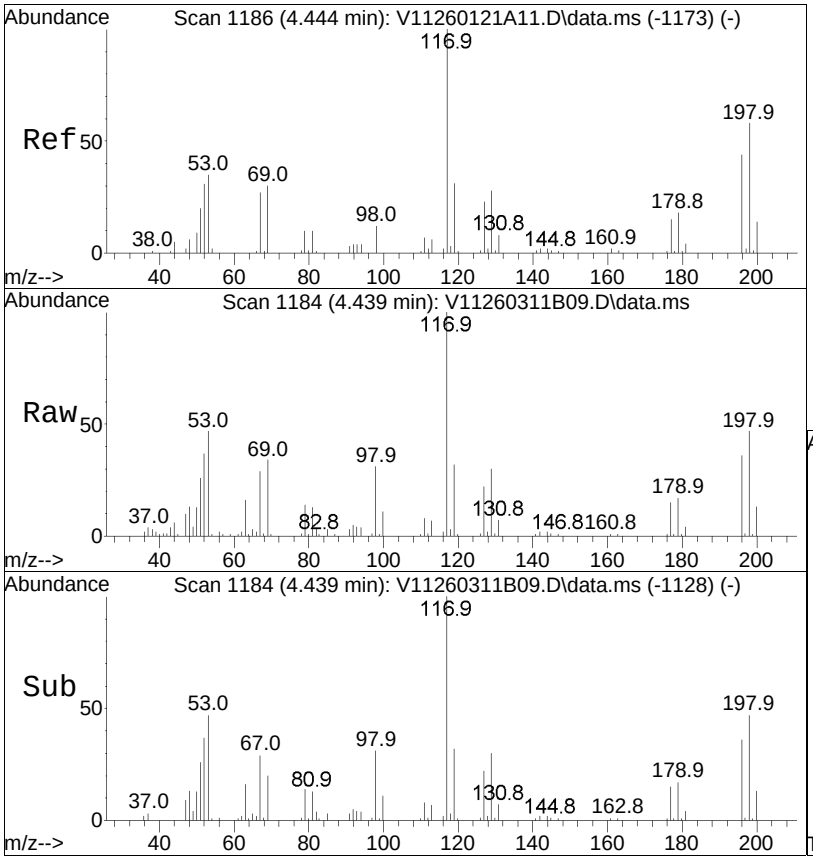


#23
1,1-Dichloroethane
Concen: 113.67 ug/L
RT: 4.392 min Scan# 1167
Delta R.T. -0.008 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 63 Resp: 636651

Ion	Ratio	Lower	Upper
63	100		
65	30.6	9.0	49.0
83	12.9	0.0	31.4

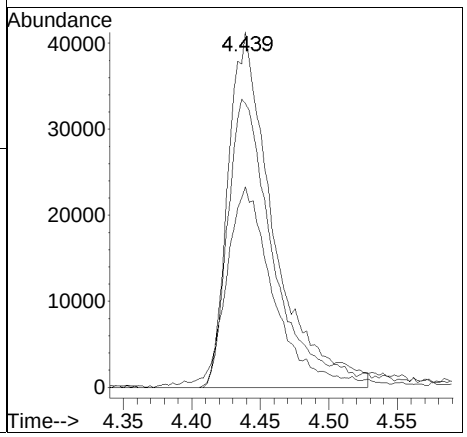


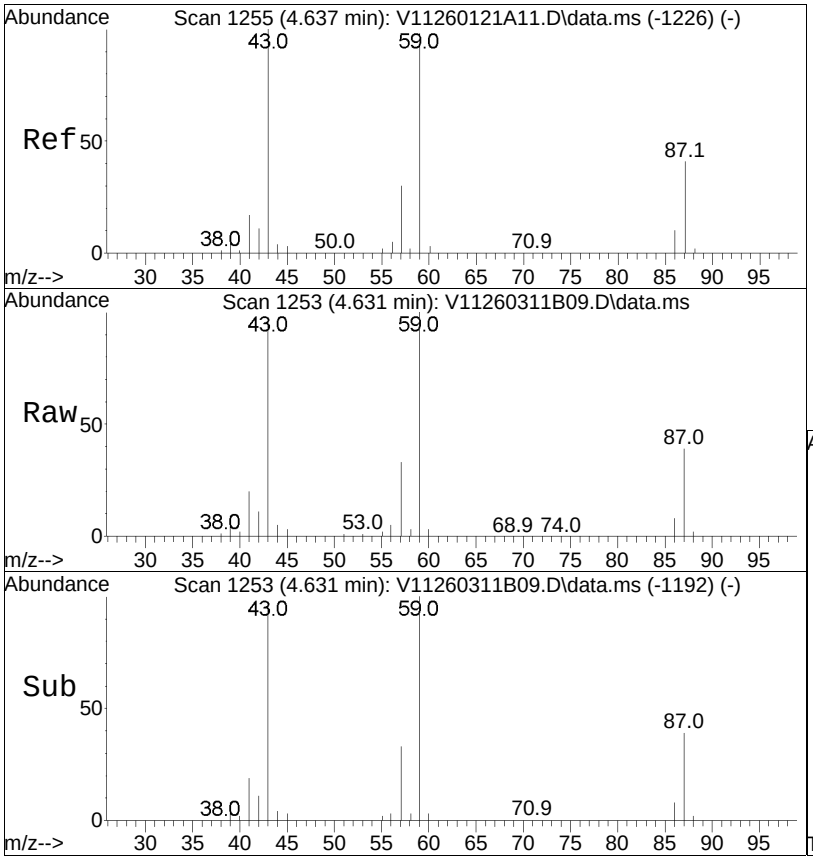


#25
Acrylonitrile
Concen: 116.45 ug/L
RT: 4.439 min Scan# 1184
Delta R.T. -0.044 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 53 Resp: 95411

Ion	Ratio	Lower	Upper
53	100		
52	78.9	66.9	100.3
51	59.0	42.6	63.8

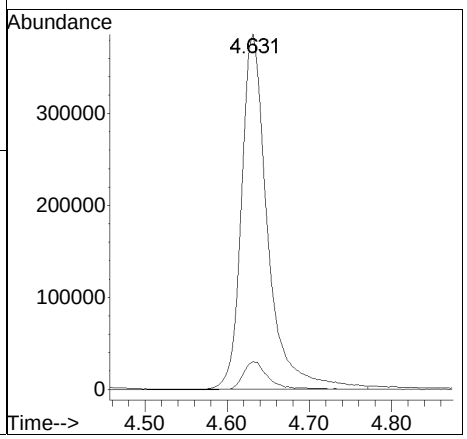


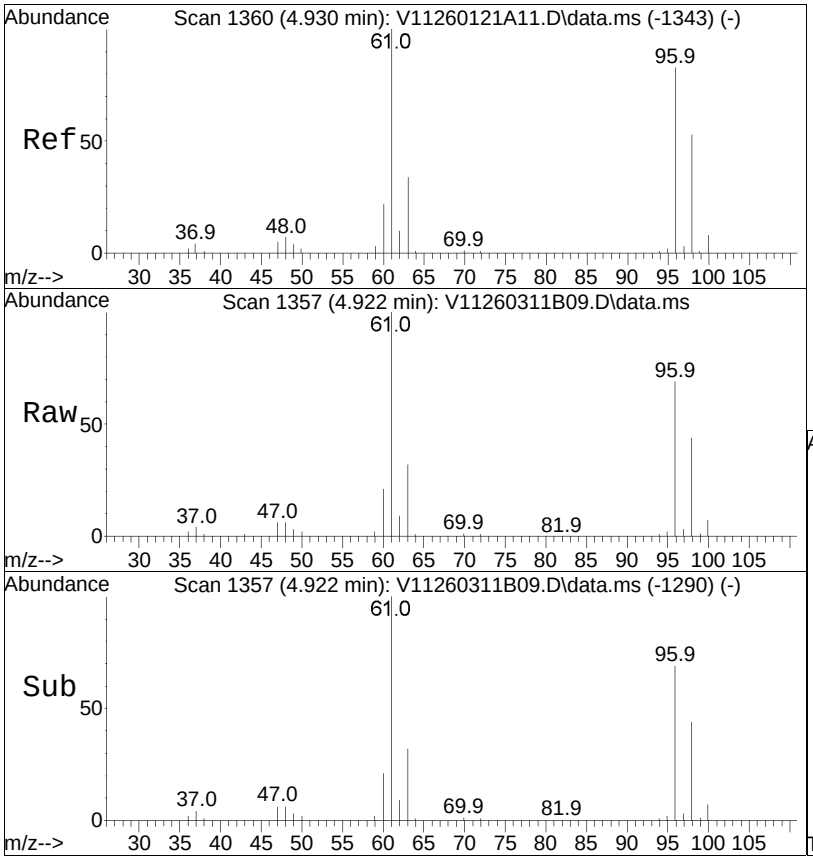


#27
Vinyl acetate
Concen: 117.36 ug/L
RT: 4.631 min Scan# 1253
Delta R.T. -0.030 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 43 Resp: 854897

Ion	Ratio	Lower	Upper
43	100		
86	7.1	4.6	6.8#

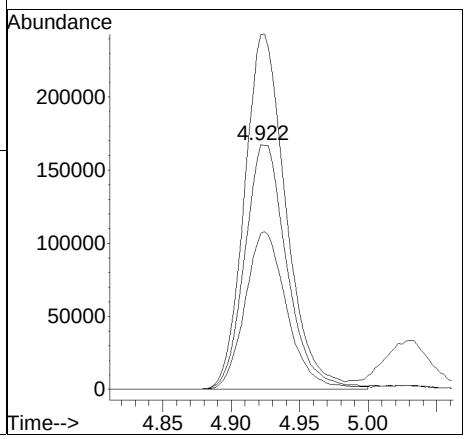


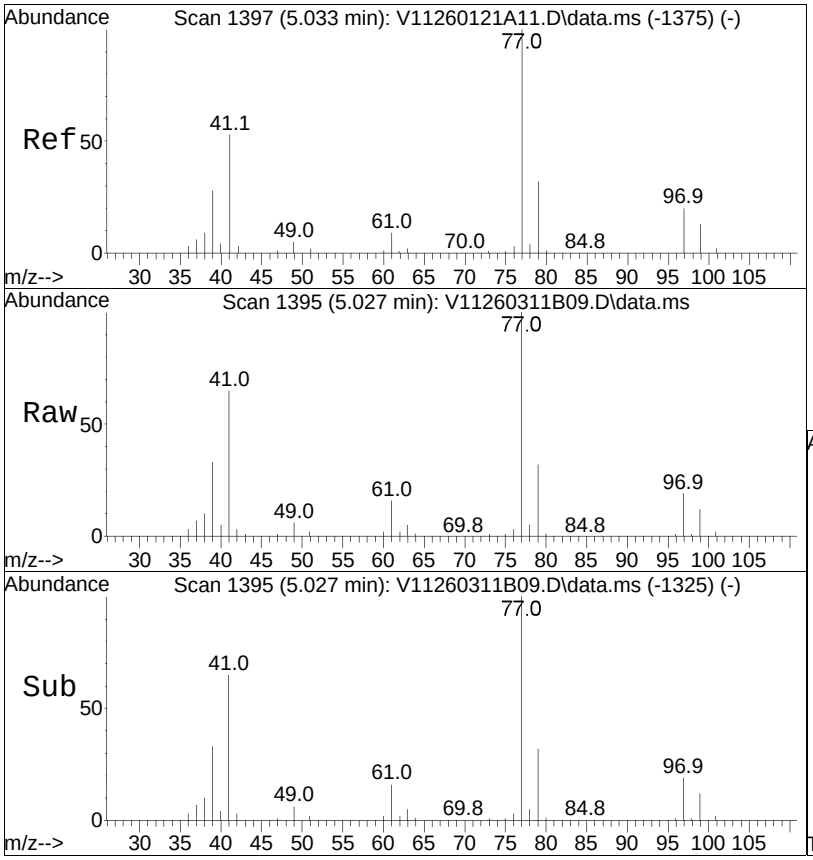


#28
cis-1,2-Dichloroethene
Concen: 102.82 ug/L
RT: 4.922 min Scan# 1357
Delta R.T. -0.014 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 96 Resp: 358817

Ion	Ratio	Lower	Upper
96	100		
61	142.3	126.3	189.5
98	64.2	51.0	76.6

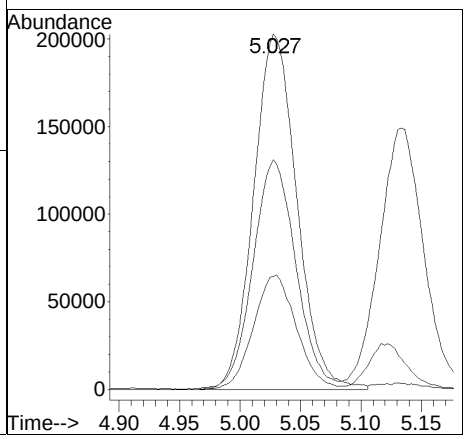


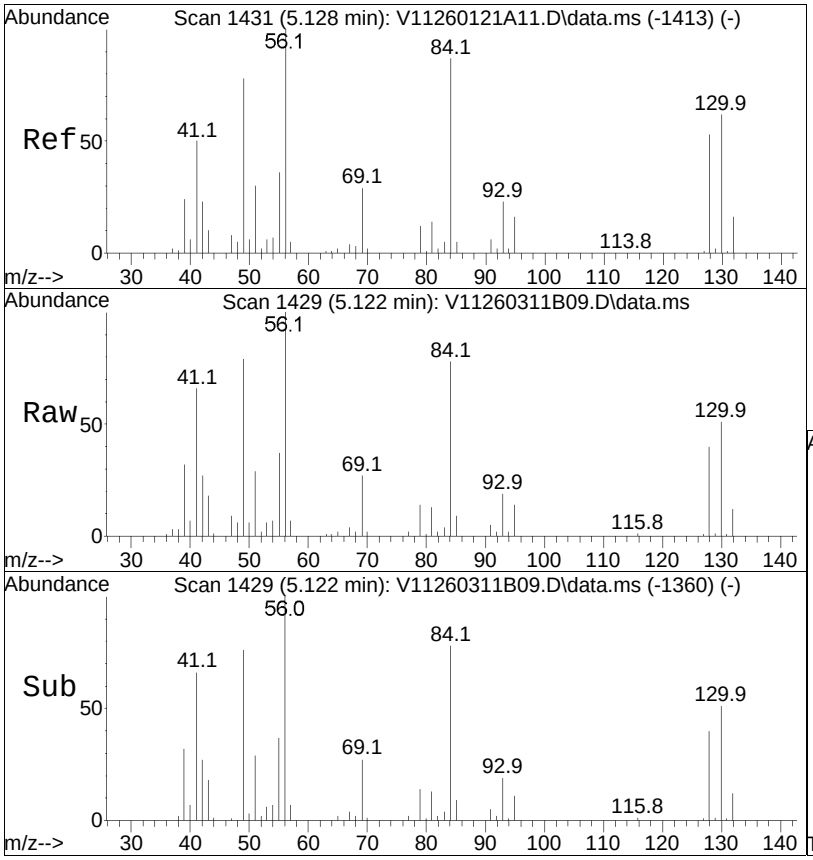


#29
2,2-Dichloropropane
Concen: 110.83 ug/L
RT: 5.027 min Scan# 1395
Delta R.T. -0.005 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 77 Resp: 505085

Ion	Ratio	Lower	Upper
77	100		
41	64.0	45.5	94.5
79	32.1	20.9	43.3

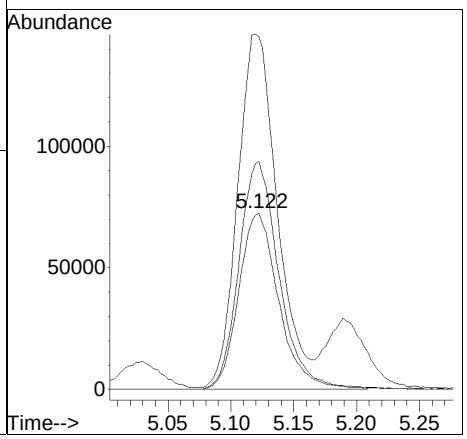


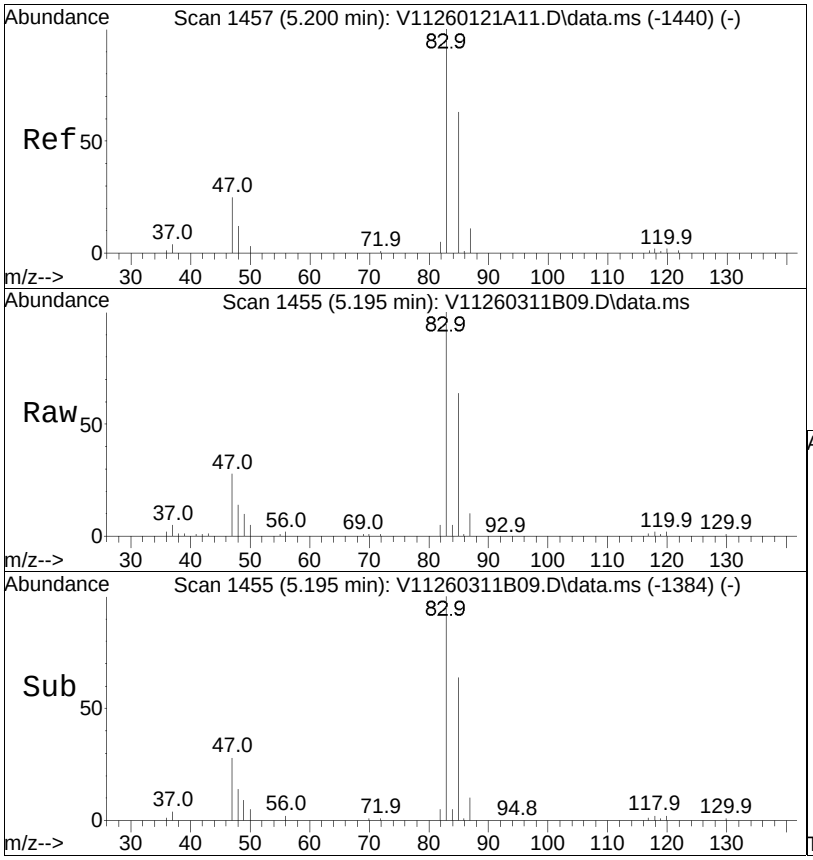


#30
Bromochloromethane
Concen: 97.40 ug/L
RT: 5.122 min Scan# 1429
Delta R.T. -0.008 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:128 Resp: 160946

Ion	Ratio	Lower	Upper
128	100		
49	196.9	201.3	301.9#
130	128.9	106.2	159.2

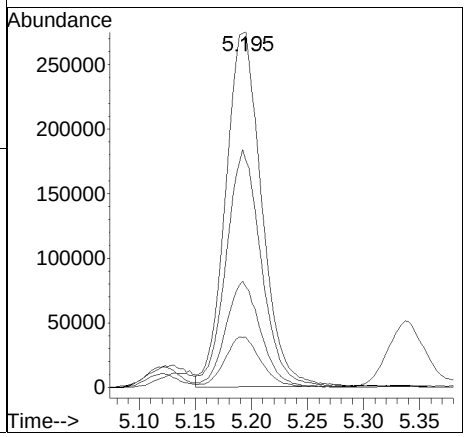


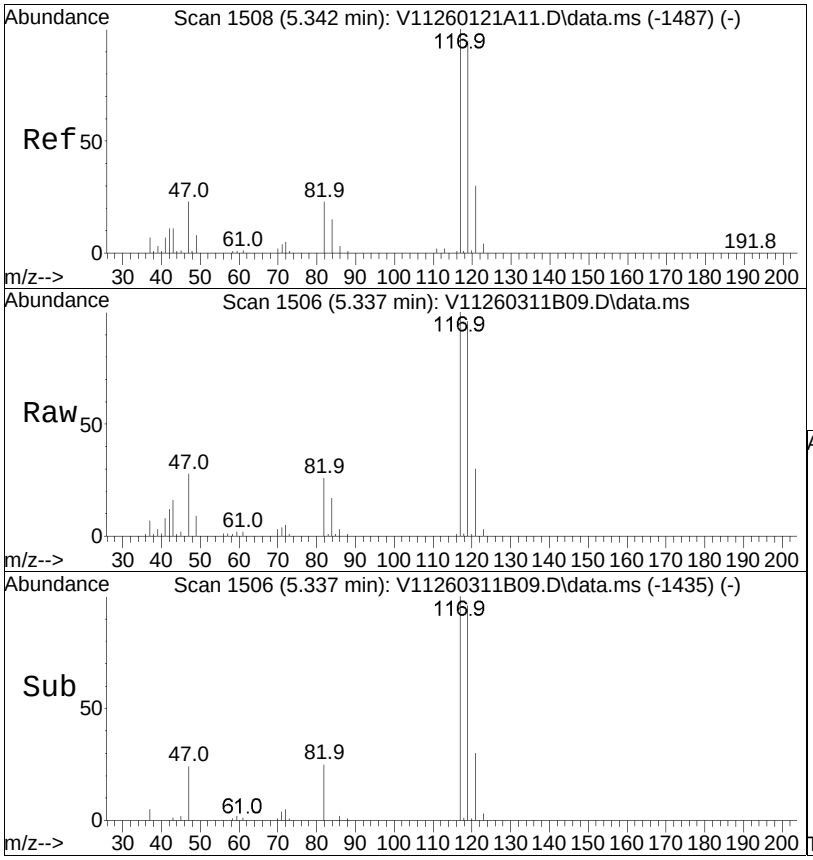


#32
Chloroform
Concen: 104.87 ug/L
RT: 5.195 min Scan# 1455
Delta R.T. -0.003 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 83 Resp: 616325

Ion	Ratio	Lower	Upper
83	100		
85	64.3	41.9	87.1
47	28.5	20.9	43.3
48	14.1	9.9	20.5

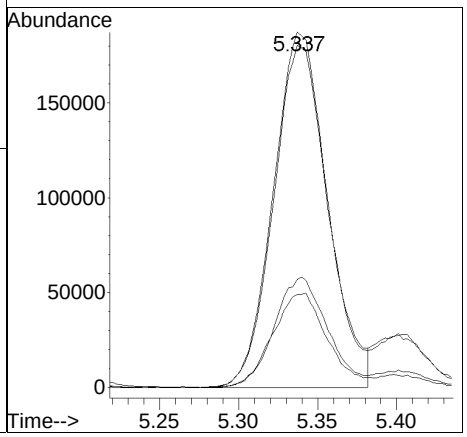


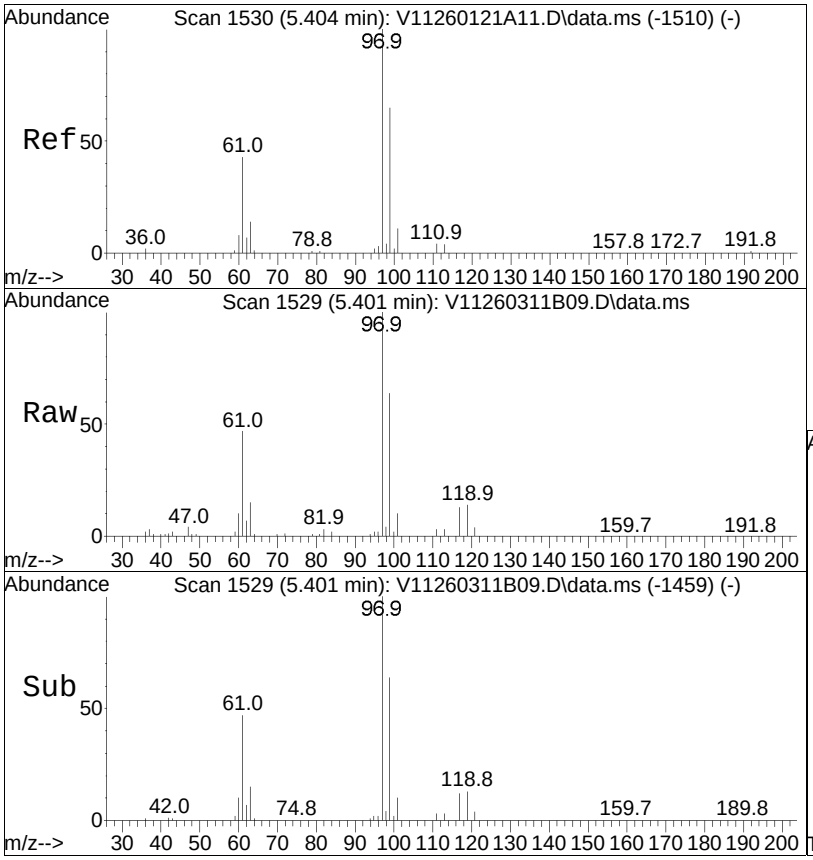


#34
Carbon tetrachloride
Concen: 105.93 ug/L
RT: 5.337 min Scan# 1506
Delta R.T. -0.005 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:117 Resp: 448165

Ion	Ratio	Lower	Upper
117	100		
119	96.3	64.0	132.8
121	30.7	20.7	42.9
82	26.9	16.3	33.8

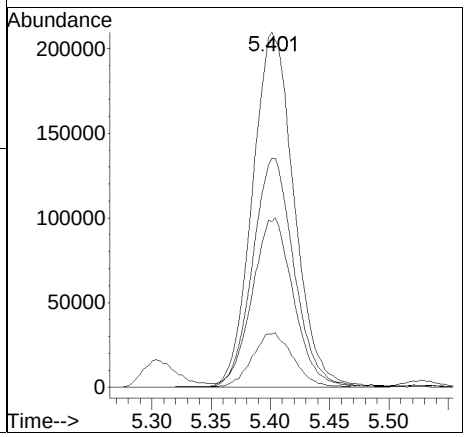


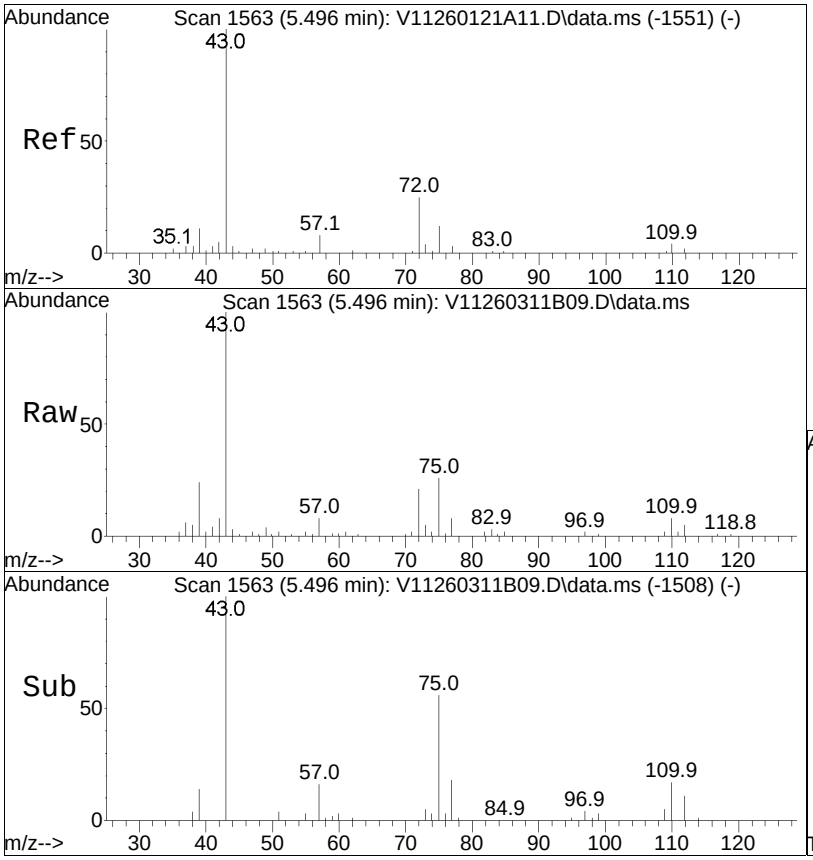


#37
1,1,1-Trichloroethane
Concen: 110.26 ug/L
RT: 5.401 min Scan# 1529
Delta R.T. -0.003 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 97 Resp: 513967

Ion	Ratio	Lower	Upper
97	100		
99	64.3	41.5	86.1
61	47.1	32.2	67.0
63	15.0	10.1	20.9

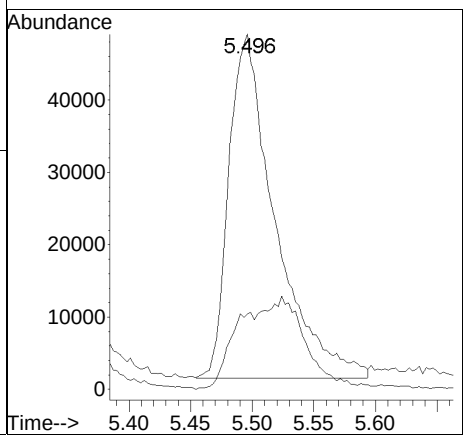


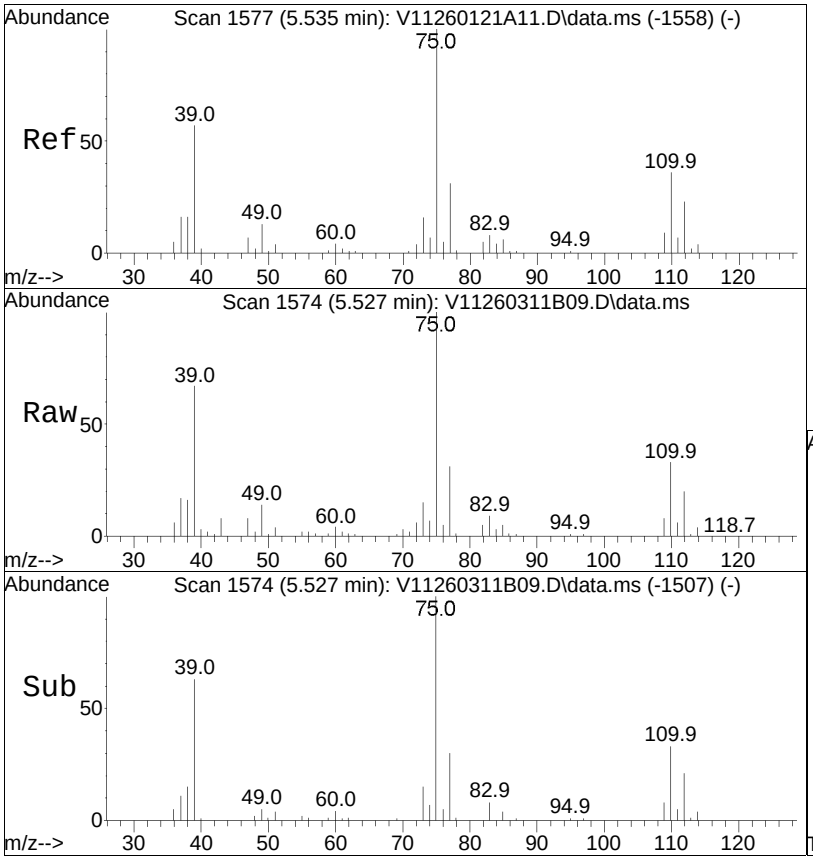


#39
2-Butanone
Concen: 135.10 ug/L
RT: 5.496 min Scan# 1563
Delta R.T. -0.047 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 43 Resp: 123845

Ion	Ratio	Lower	Upper
43	100		
72	12.2	21.0	31.6#

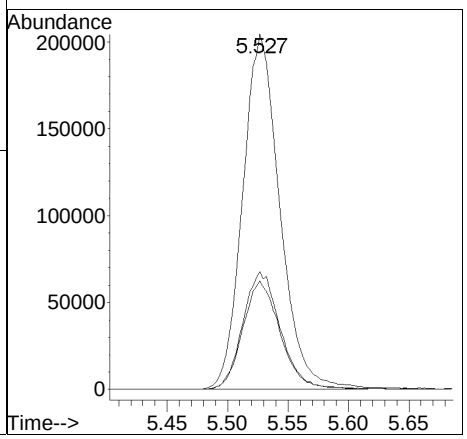


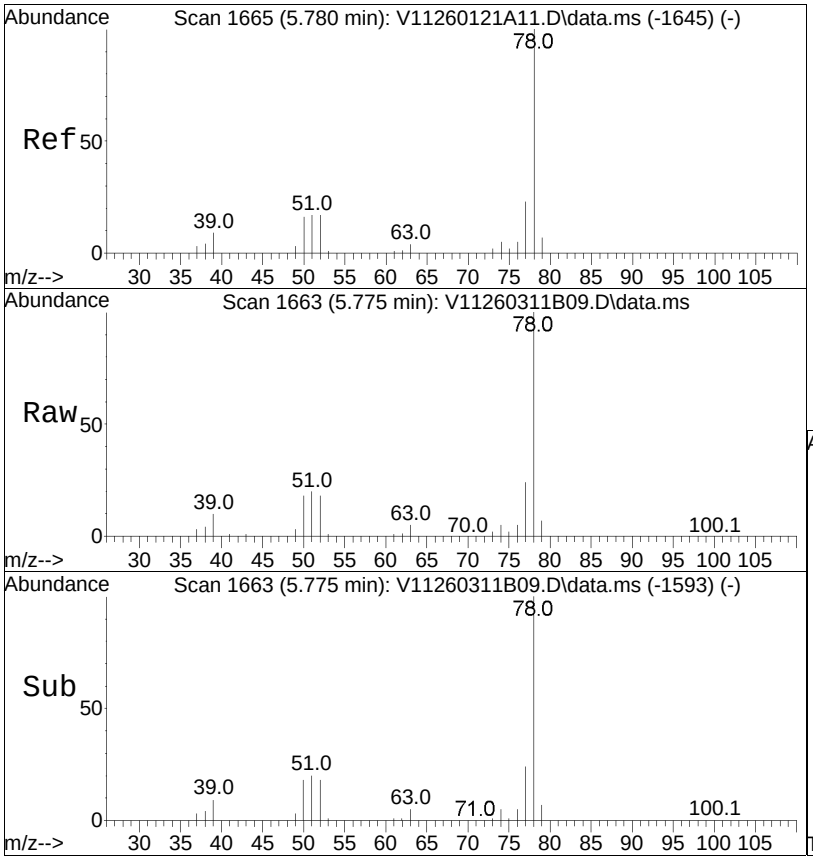


#40
1,1-Dichloropropene
Concen: 117.57 ug/L
RT: 5.527 min Scan# 1574
Delta R.T. -0.014 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 75 Resp: 437968

Ion	Ratio	Lower	Upper
75	100		
110	33.5	23.6	49.0
77	30.9	20.2	41.9

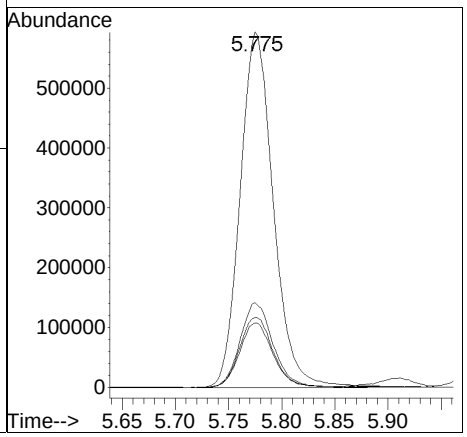


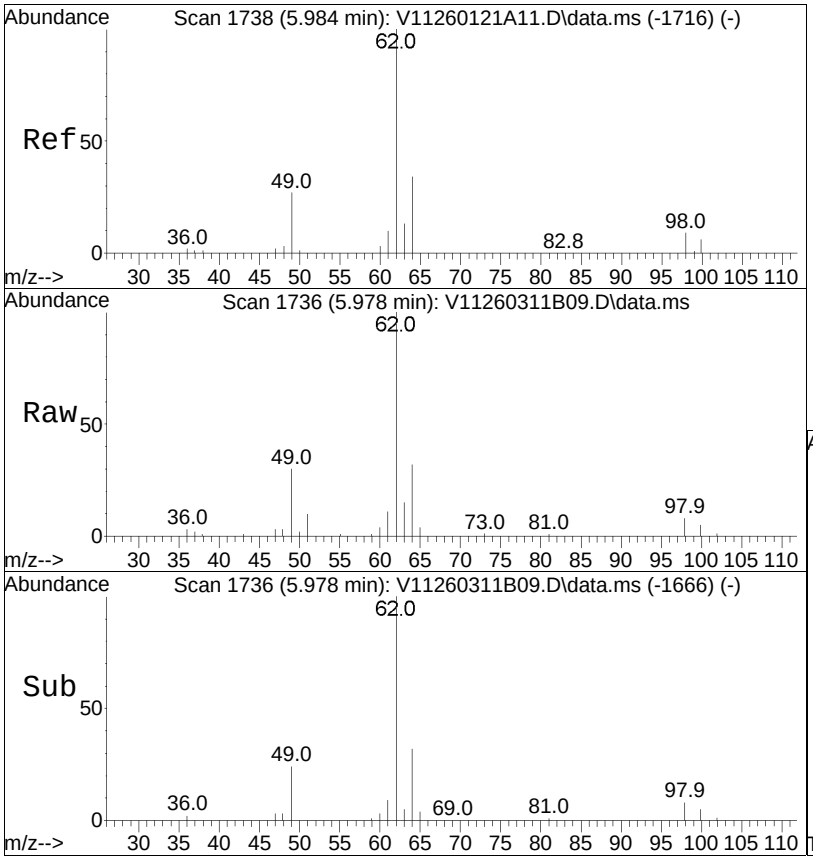


#41
Benzene
Concen: 106.57 ug/L
RT: 5.775 min Scan# 1663
Delta R.T. -0.005 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 78 Resp: 1292091

Ion	Ratio	Lower	Upper
78	100		
77	23.8	15.1	31.3
51	20.0	15.8	32.8
52	18.3	15.6	32.4

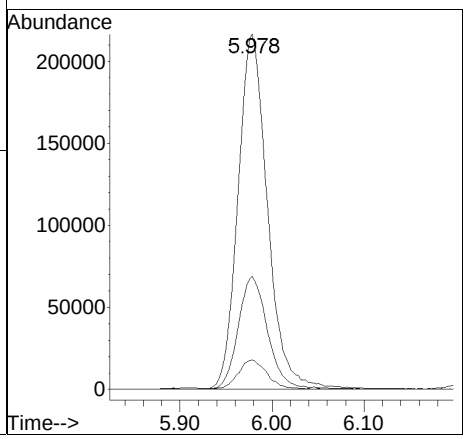


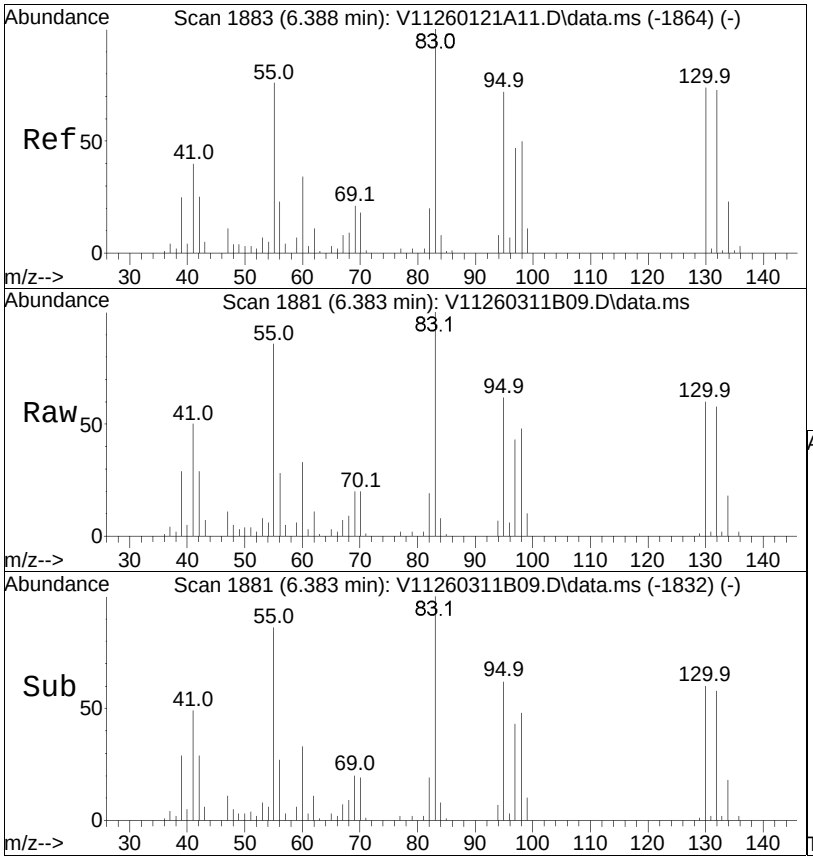


#44
1,2-Dichloroethane
Concen: 116.48 ug/L
RT: 5.978 min Scan# 1736
Delta R.T. -0.005 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 62 Resp: 484521

Ion	Ratio	Lower	Upper
62	100		
64	31.1	11.1	51.1
98	8.1	0.0	28.0

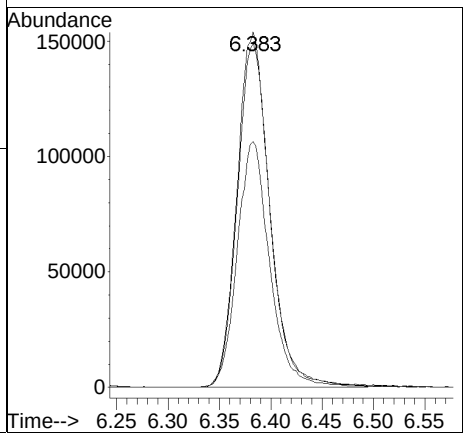


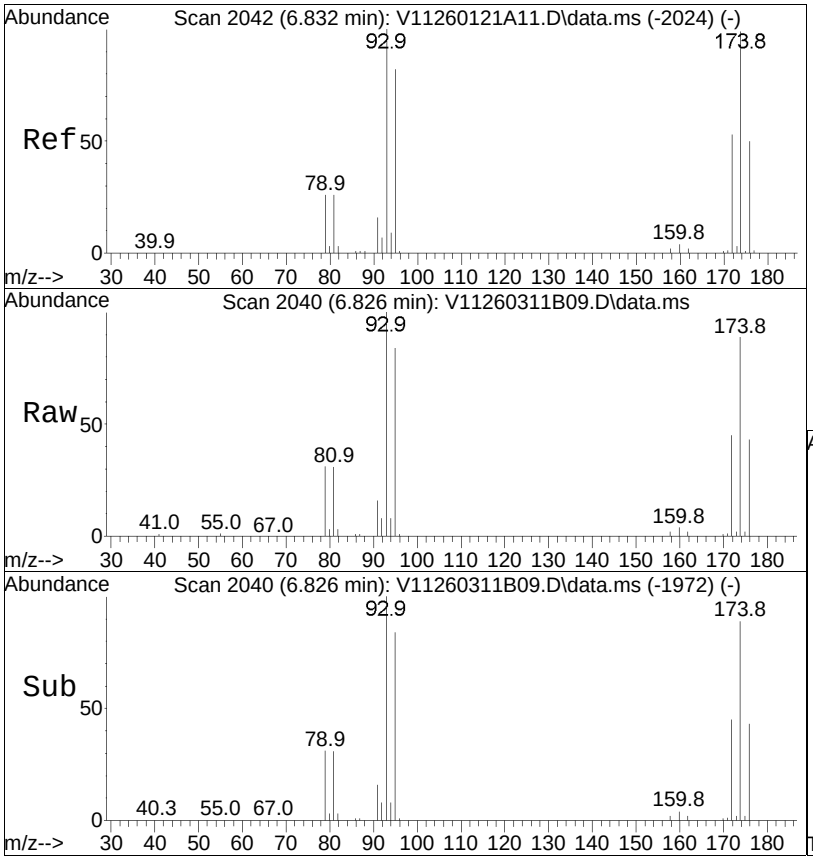


#48
Trichloroethene
Concen: 105.29 ug/L
RT: 6.383 min Scan# 1881
Delta R.T. -0.014 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 95 Resp: 344640

Ion	Ratio	Lower	Upper
95	100		
97	68.0	54.3	81.5
130	96.4	84.6	126.8

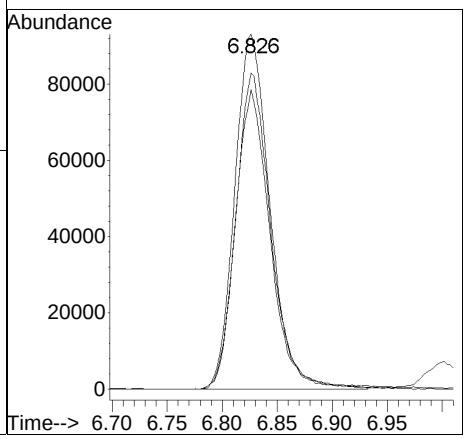


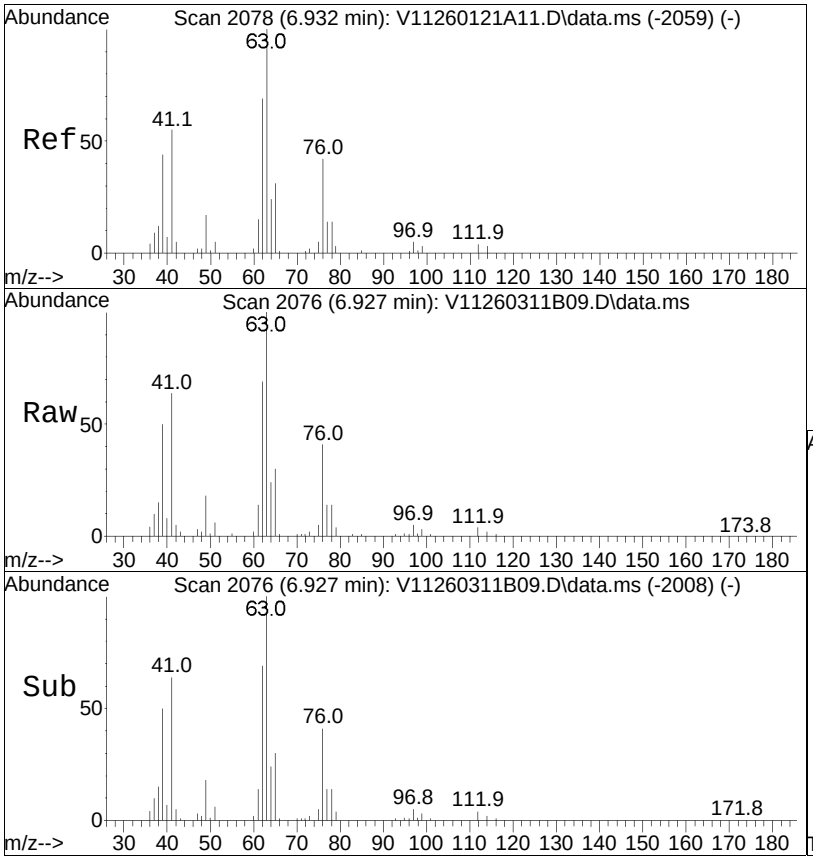


#50
Dibromomethane
Concen: 103.44 ug/L
RT: 6.826 min Scan# 2040
Delta R.T. -0.011 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 93 Resp: 208700

Ion	Ratio	Lower	Upper
93	100		
95	82.9	65.7	98.5
174	87.5	80.2	120.4

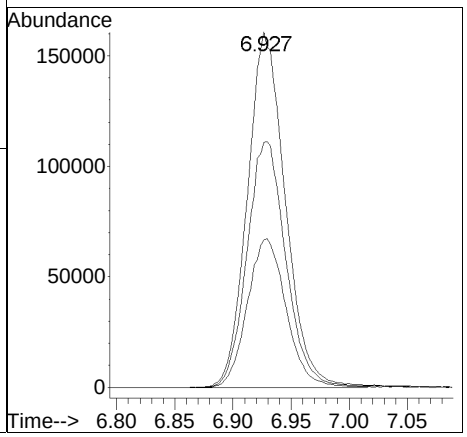


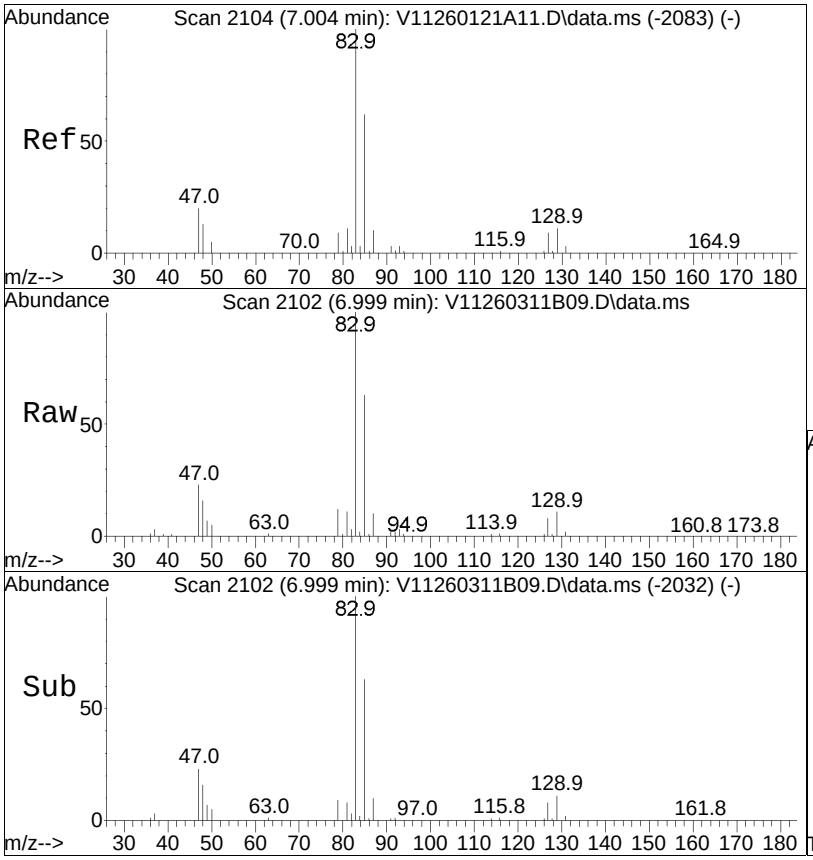


#51
1,2-Dichloropropane
Concen: 112.30 ug/L
RT: 6.927 min Scan# 2076
Delta R.T. -0.011 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 63 Resp: 364927

Ion	Ratio	Lower	Upper
63	100		
62	70.9	57.9	86.9
76	42.9	30.1	45.1

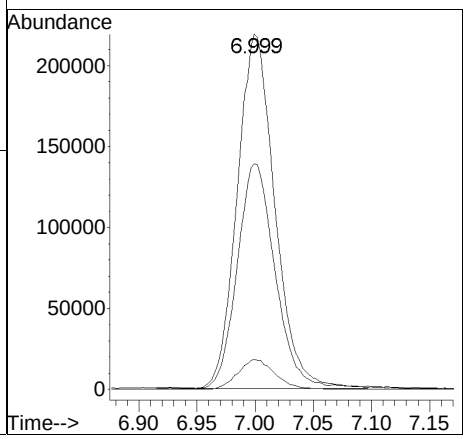


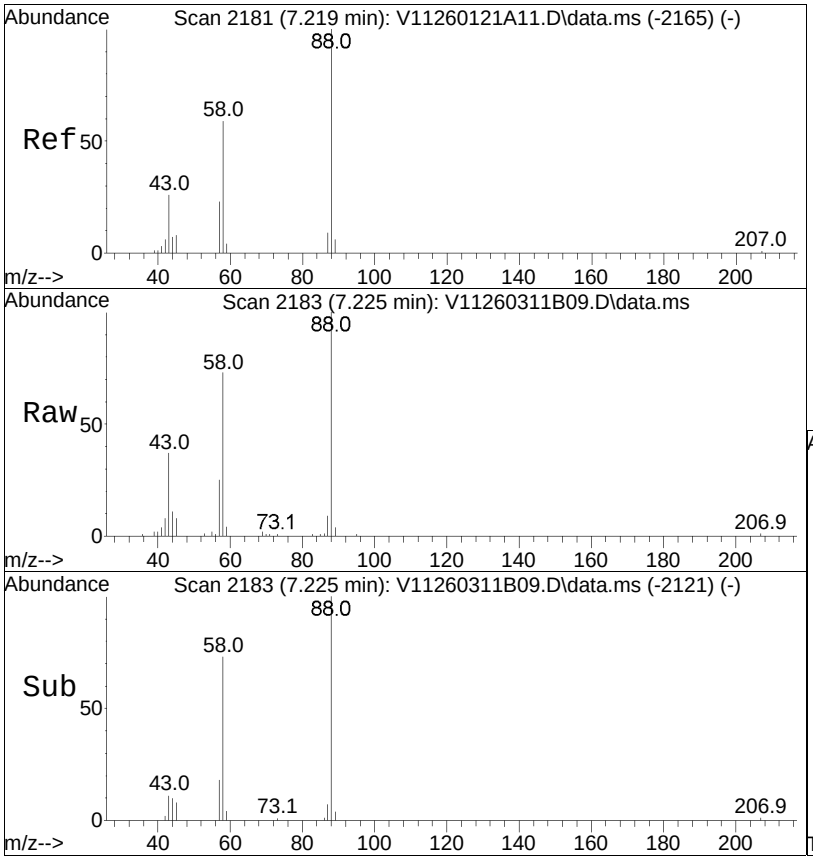


#54
Bromodichloromethane
Concen: 108.10 ug/L
RT: 6.999 min Scan# 2102
Delta R.T. -0.005 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 83 Resp: 491436

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.6	77.4
127	8.4	7.1	10.7

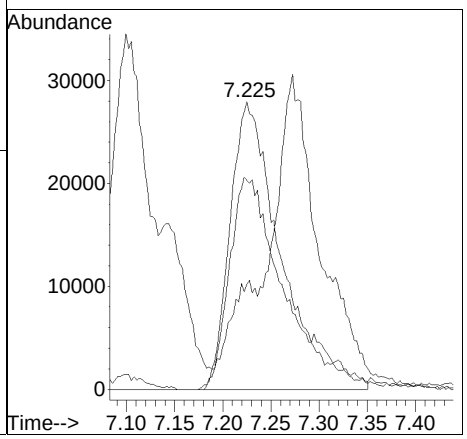


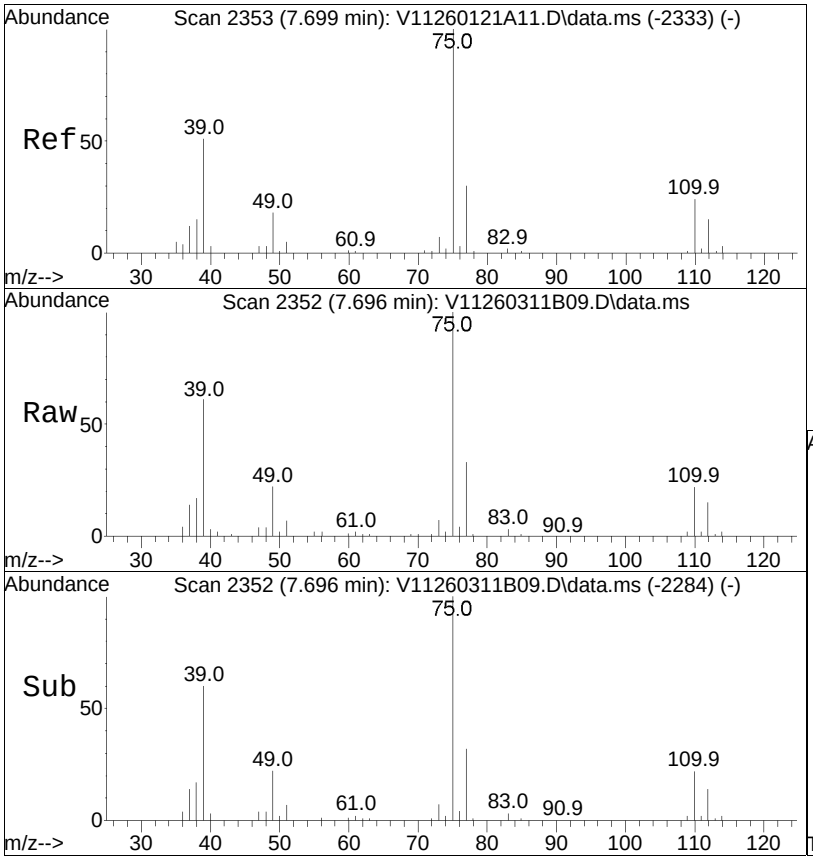


#57
1,4-Dioxane
Concen: 4888.11 ug/L
RT: 7.225 min Scan# 2183
Delta R.T. -0.028 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 88 Resp: 103077

Ion	Ratio	Lower	Upper
88	100		
58	77.0	75.4	113.0
43	15.2	33.5	50.3#

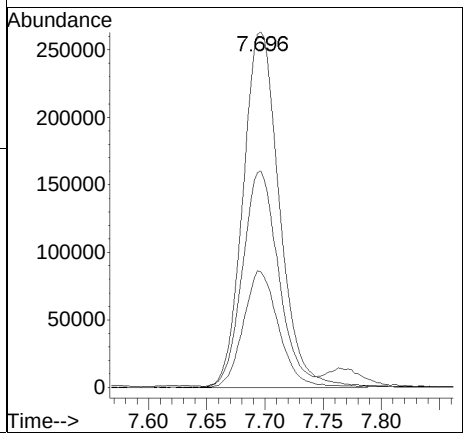


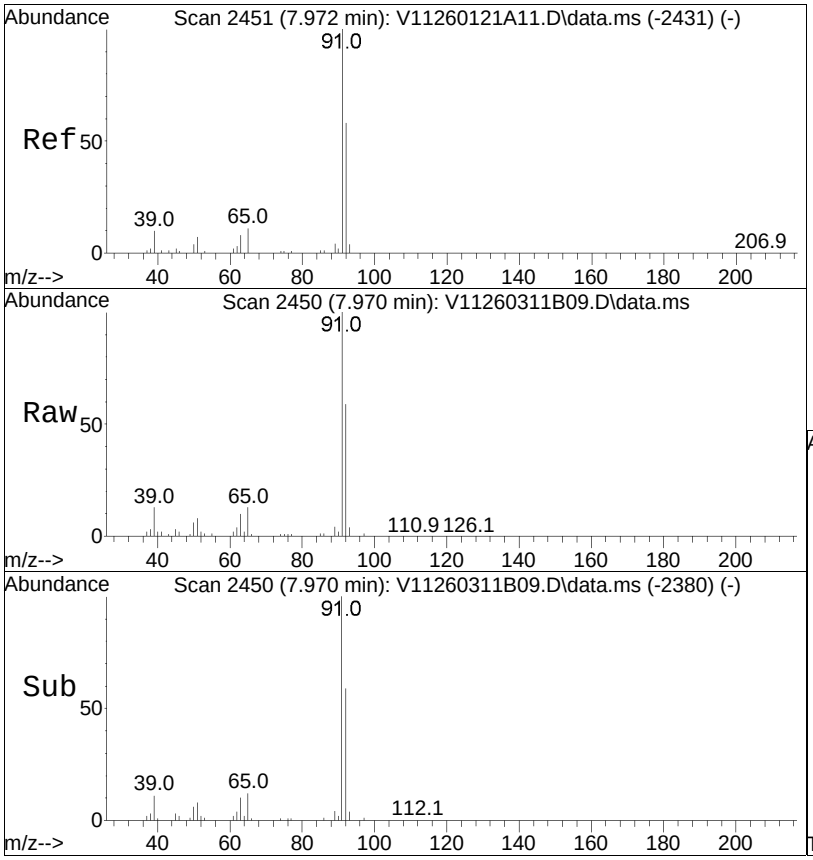


#58
cis-1,3-Dichloropropene
Concen: 110.33 ug/L
RT: 7.696 min Scan# 2352
Delta R.T. -0.011 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 75 Resp: 573652

Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.9	37.3
39	59.6	51.8	77.8

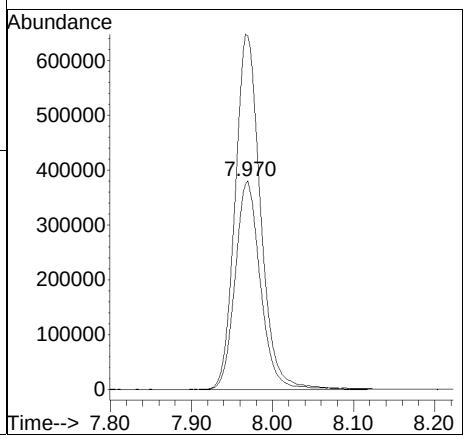


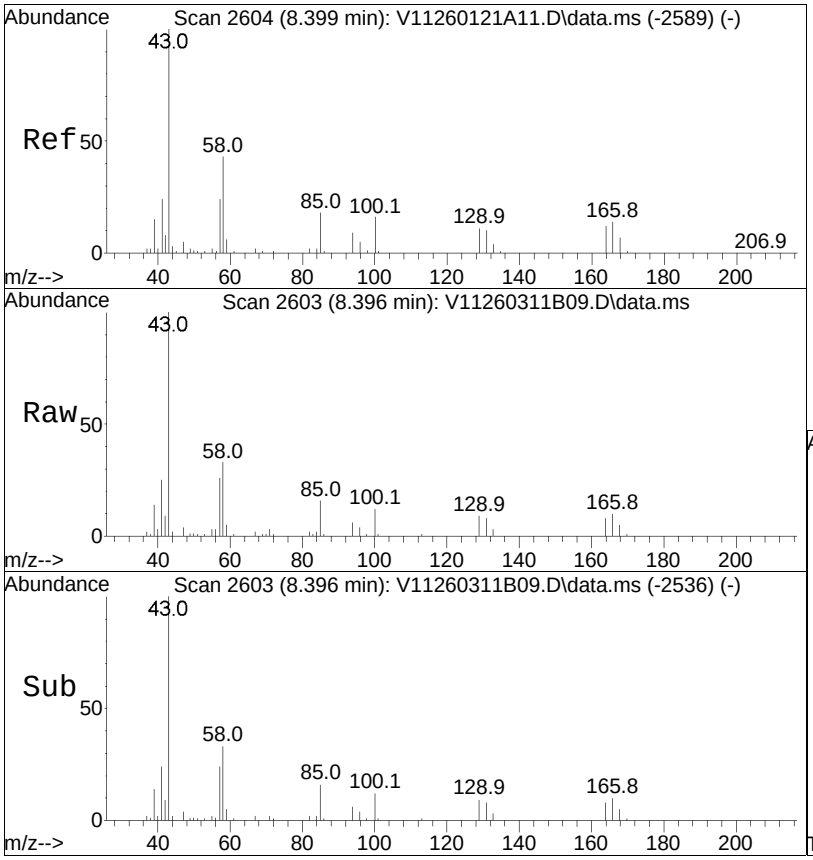


#61
Toluene
Concen: 105.85 ug/L
RT: 7.970 min Scan# 2450
Delta R.T. -0.005 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 92 Resp: 821688

Ion	Ratio	Lower	Upper
92	100		
91	170.9	133.7	200.5

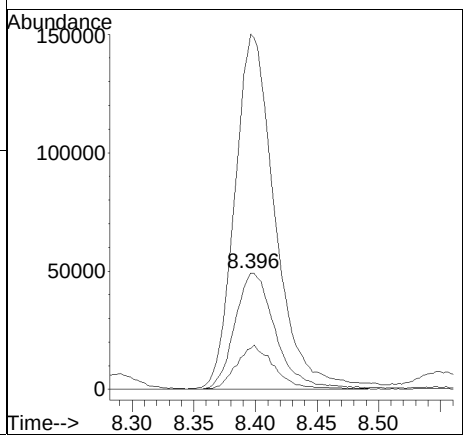


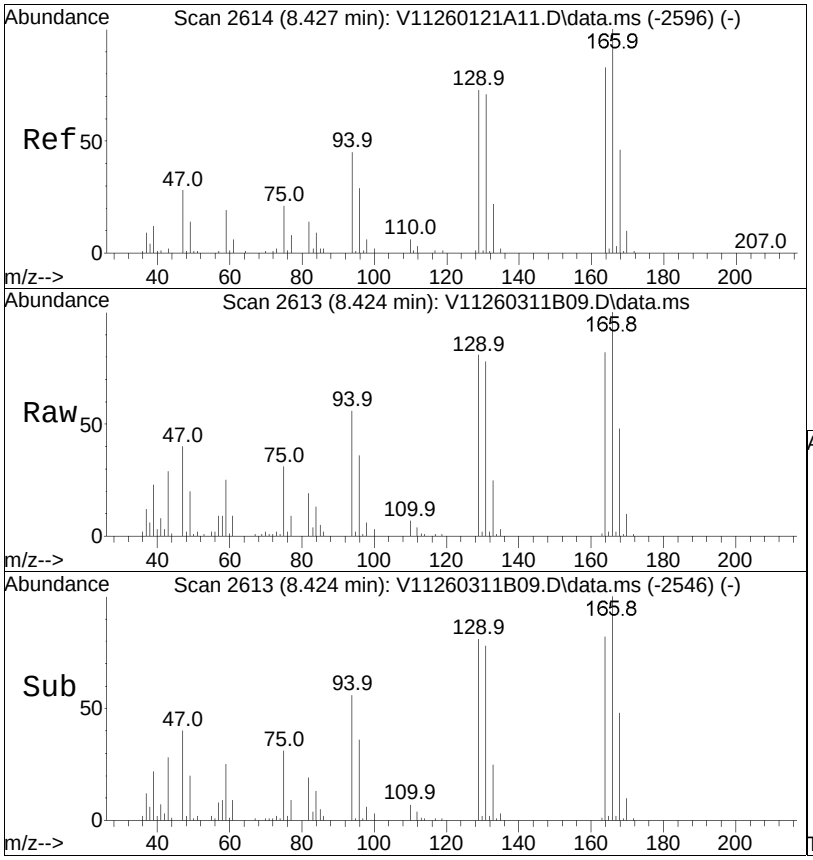


#62
4-Methyl-2-pentanone
Concen: 116.81 ug/L
RT: 8.396 min Scan# 2603
Delta R.T. -0.014 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 58 Resp: 113594

Ion	Ratio	Lower	Upper
58	100		
100	34.8	22.0	33.0#
43	301.4	236.9	355.3

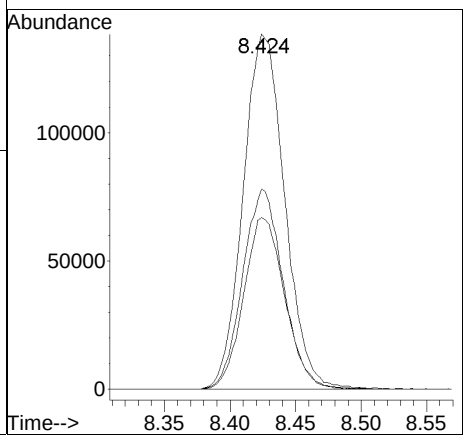


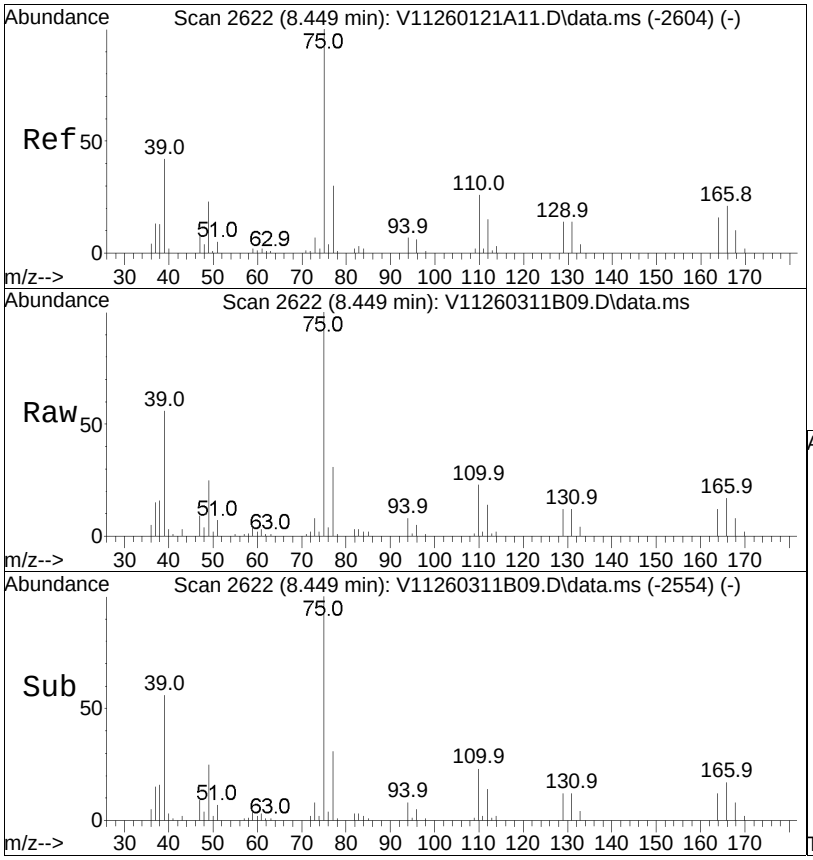


#63
Tetrachloroethene
Concen: 98.19 ug/L
RT: 8.424 min Scan# 2613
Delta R.T. -0.014 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:166 Resp: 305893

Ion	Ratio	Lower	Upper
166	100		
168	47.9	28.2	68.2
94	55.0	26.3	66.3

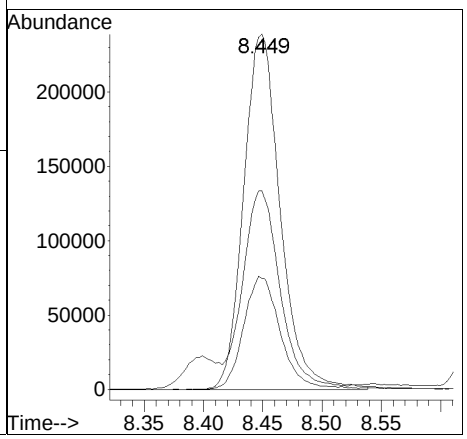


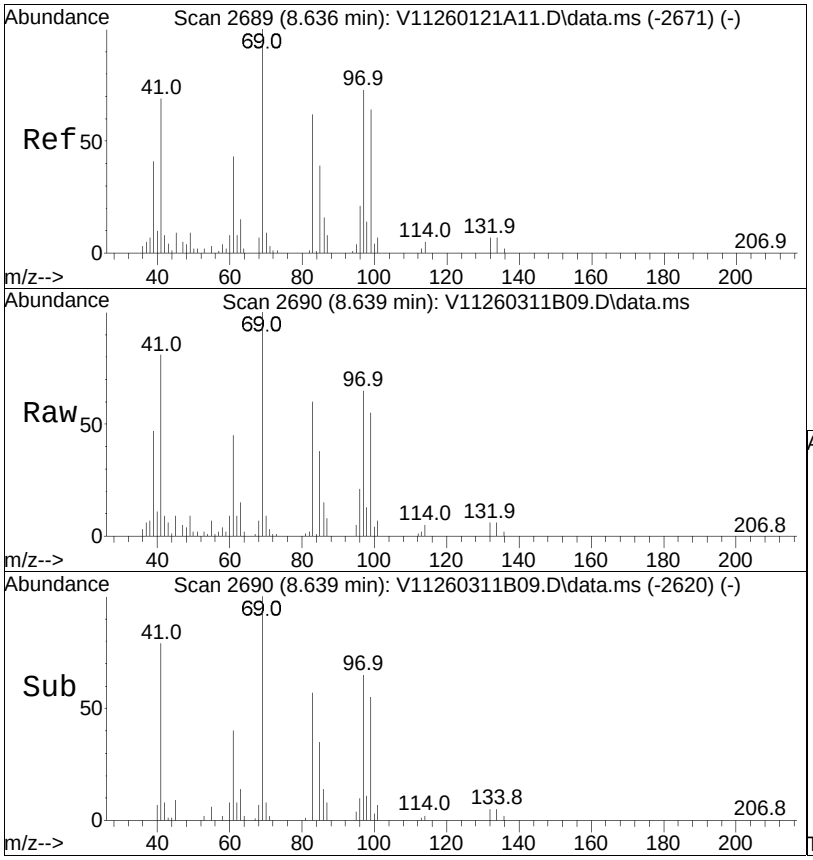


#65
trans-1,3-Dichloropropene
Concen: 111.08 ug/L
RT: 8.449 min Scan# 2622
Delta R.T. -0.011 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 75 Resp: 514724

Ion	Ratio	Lower	Upper
75	100		
77	32.0	11.4	51.4
39	55.2	50.3	90.3

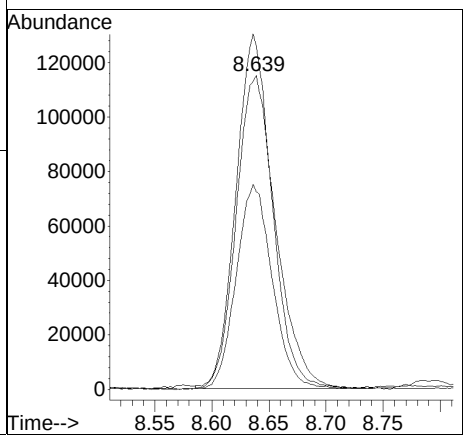


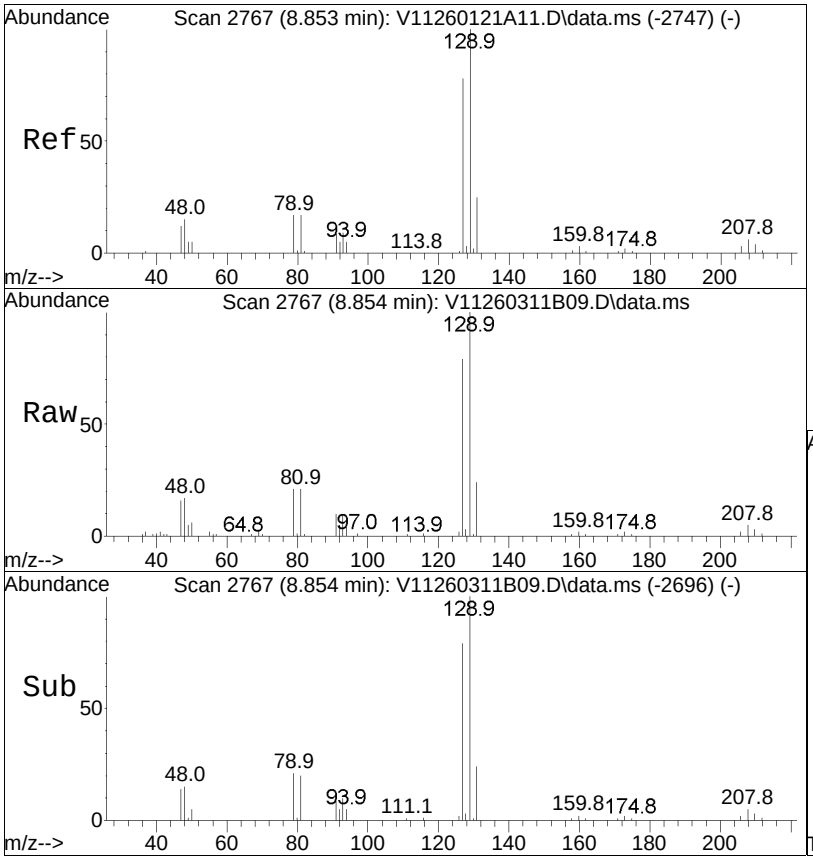


#68
1,1,2-Trichloroethane
Concen: 119.28 ug/L
RT: 8.639 min Scan# 2690
Delta R.T. -0.005 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 83 Resp: 278407

Ion	Ratio	Lower	Upper
83	100		
97	103.5	97.6	137.6
85	59.4	46.8	86.8

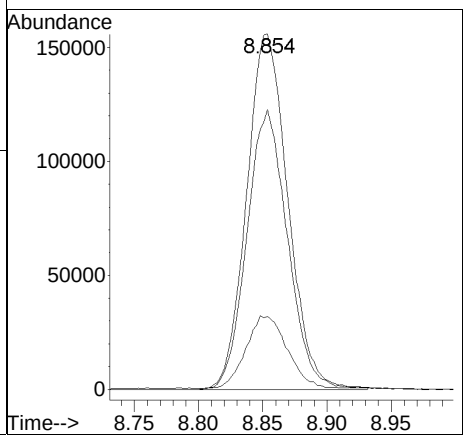


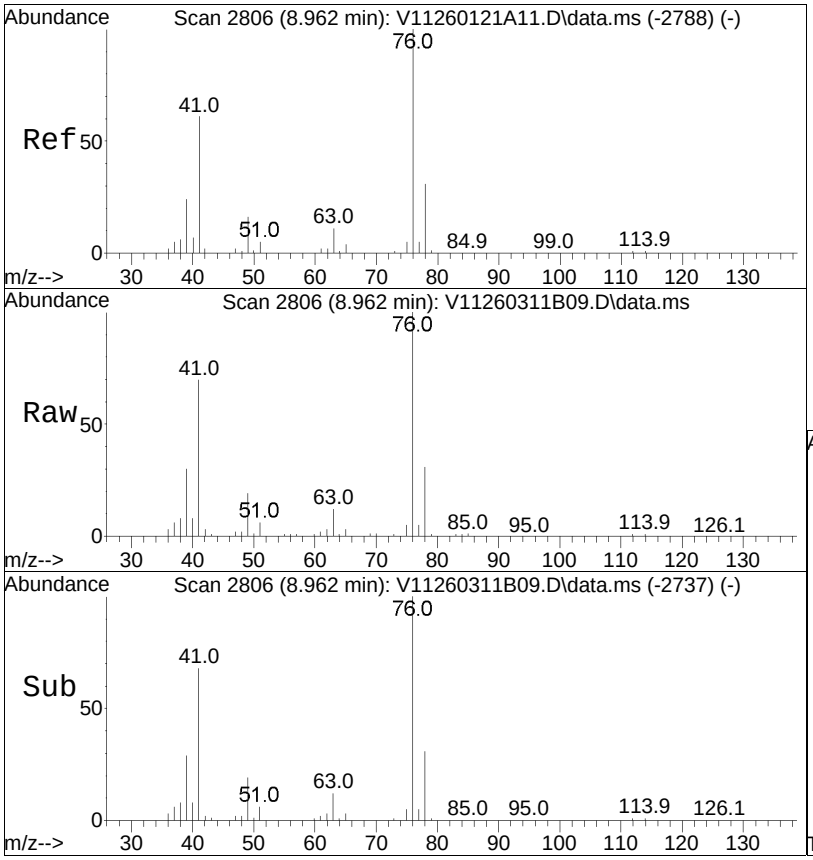


#69
Chlorodibromomethane
Concen: 101.83 ug/L
RT: 8.854 min Scan# 2767
Delta R.T. -0.003 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:129 Resp: 348776

Ion	Ratio	Lower	Upper
129	100		
81	20.5	0.0	36.0
127	77.8	56.0	96.0

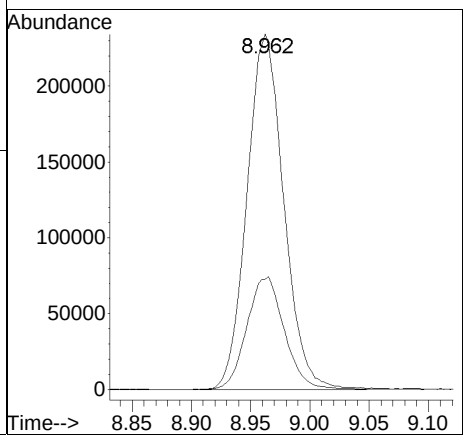


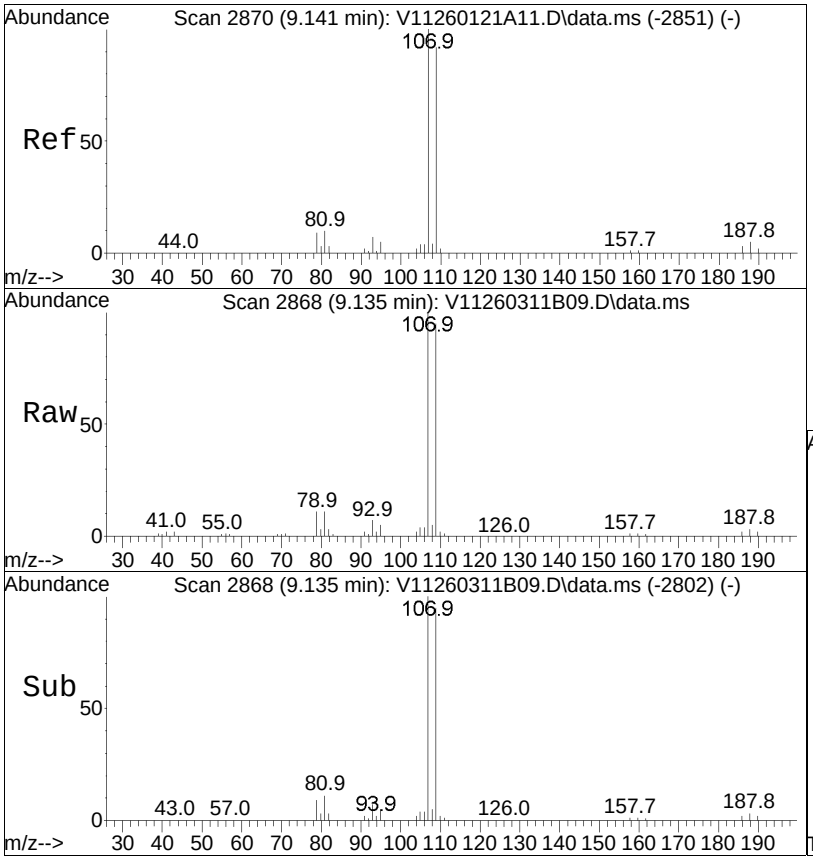


#70
1,3-Dichloropropane
Concen: 109.35 ug/L
RT: 8.962 min Scan# 2806
Delta R.T. -0.008 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 76 Resp: 505237

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.9	38.9

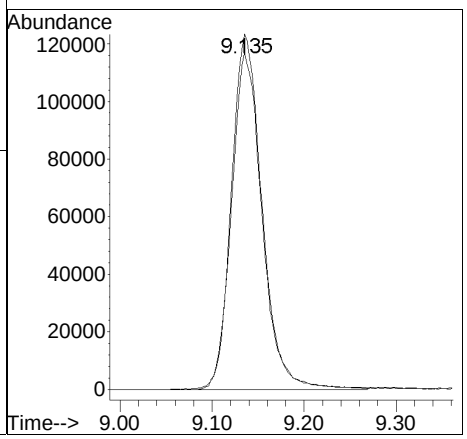


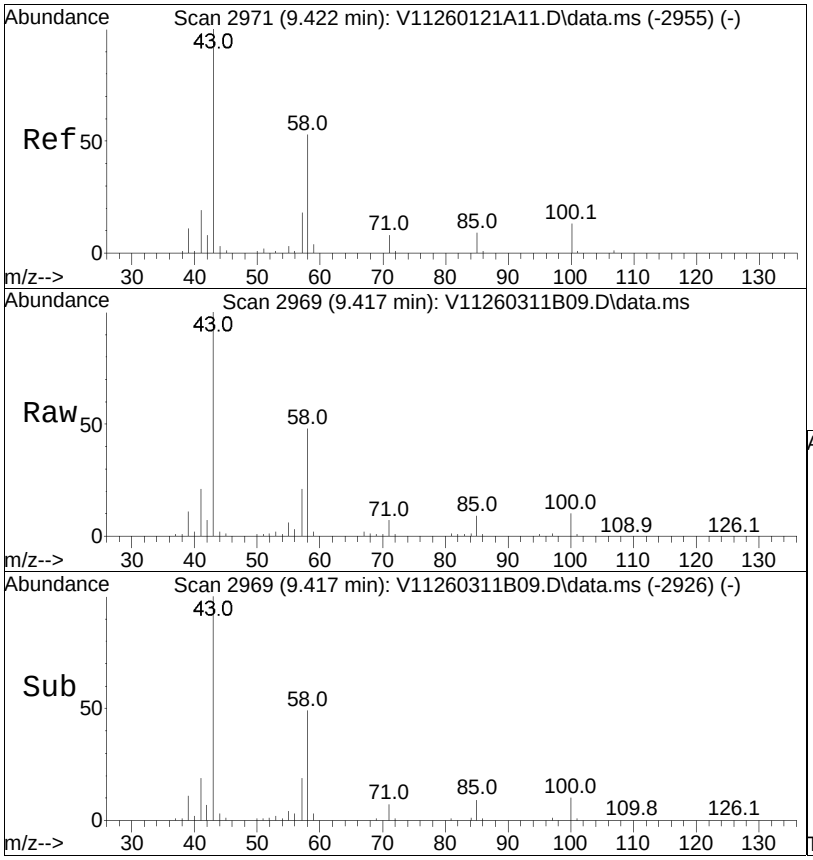


#71
1,2-Dibromoethane
Concen: 110.09 ug/L
RT: 9.135 min Scan# 2868
Delta R.T. -0.017 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:107 Resp: 286347

Ion	Ratio	Lower	Upper
107	100		
109	93.8	76.2	114.4

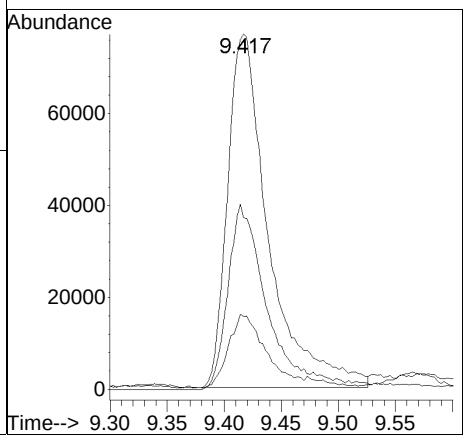


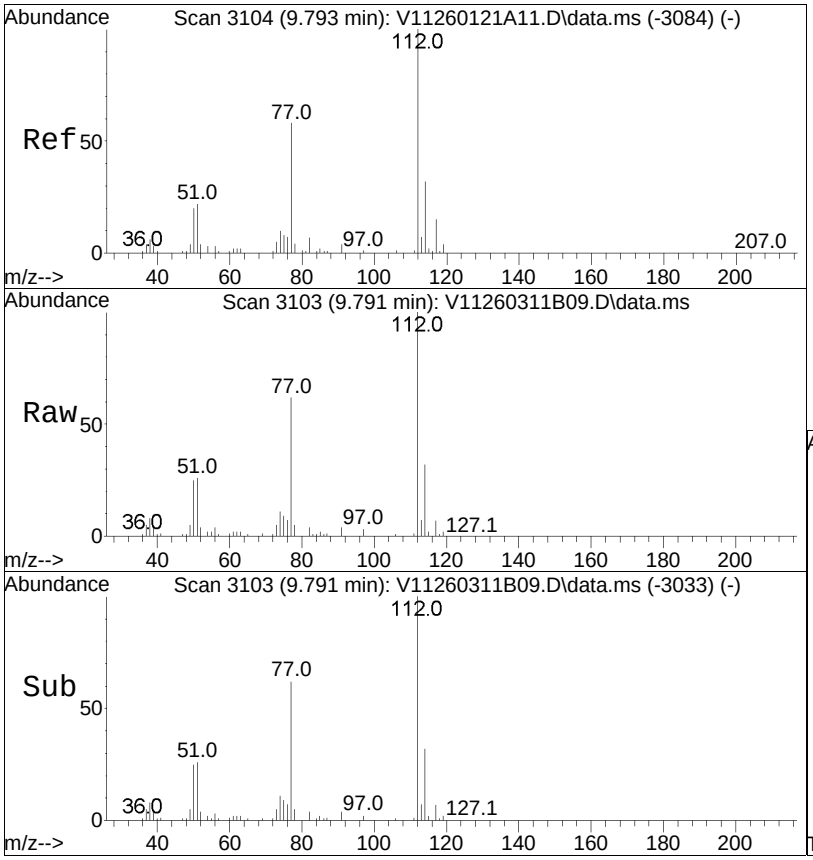


#72
2-Hexanone
Concen: 135.46 ug/L
RT: 9.417 min Scan# 2969
Delta R.T. -0.081 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 43 Resp: 191982

Ion	Ratio	Lower	Upper
43	100		
58	49.1	37.9	56.9
57	19.0	12.6	19.0#

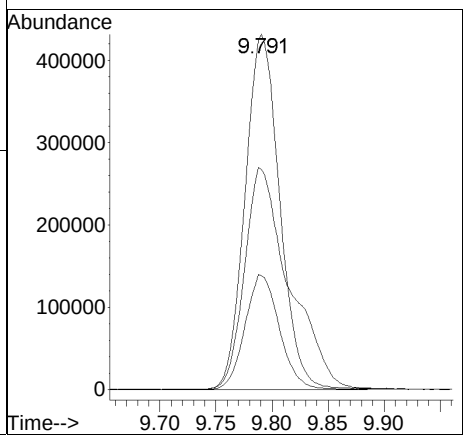


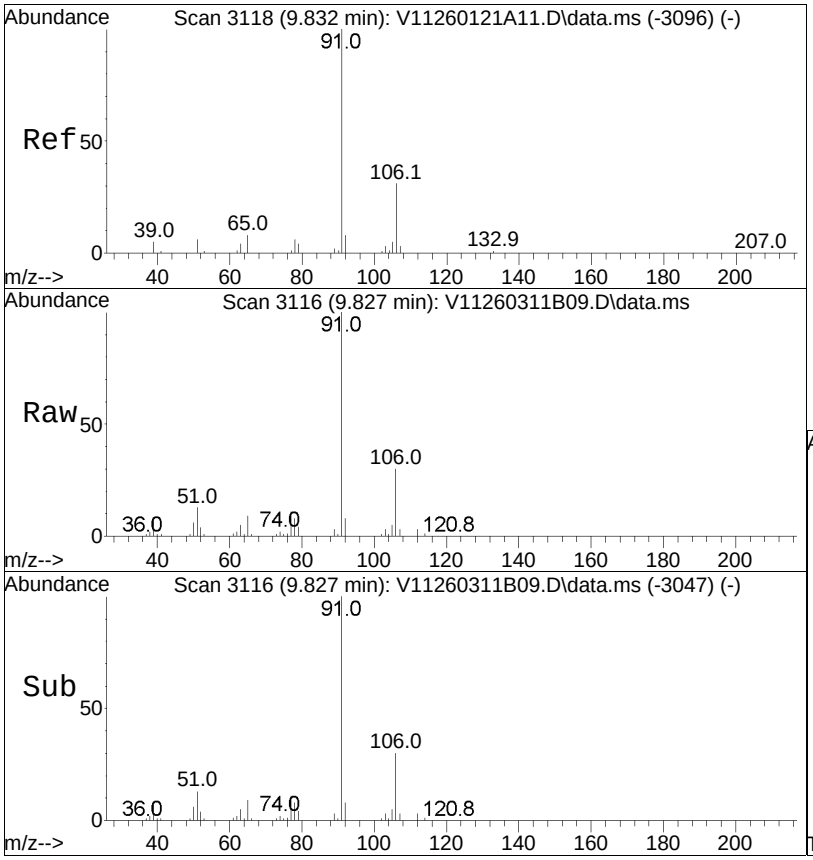


#73
Chlorobenzene
Concen: 103.62 ug/L
RT: 9.791 min Scan# 3103
Delta R.T. -0.005 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:112 Resp: 926199

Ion	Ratio	Lower	Upper
112	100		
77	80.5	47.0	70.4#
114	32.1	25.9	38.9

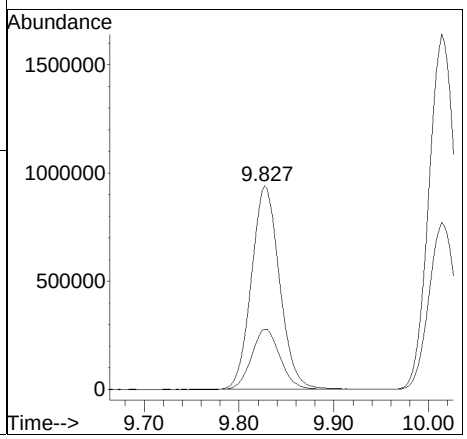


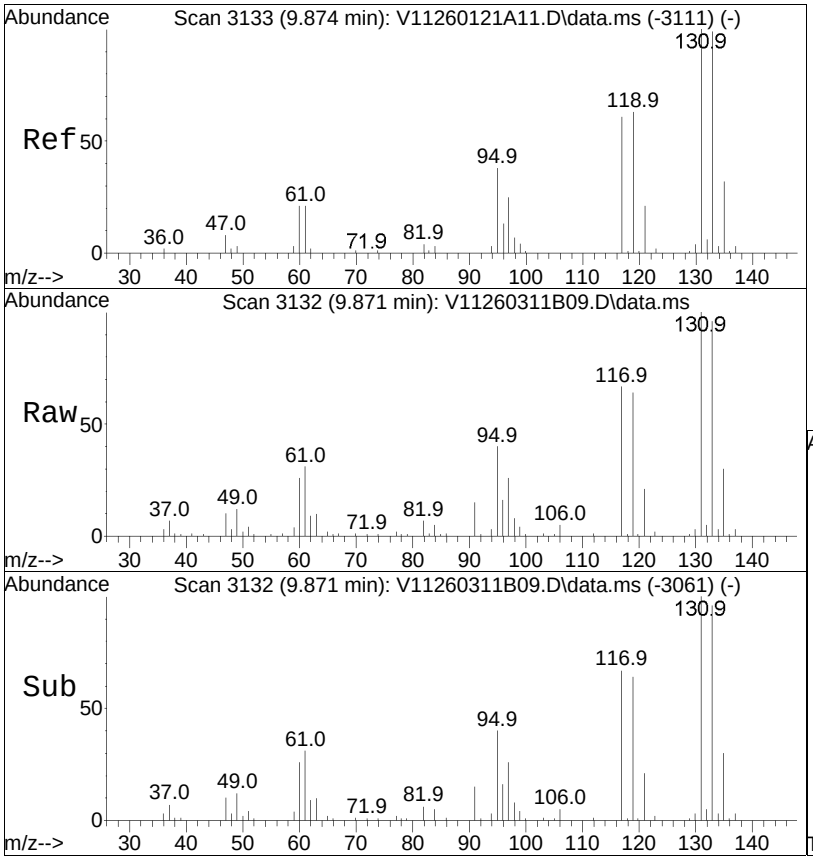


#74
Ethylbenzene
Concen: 130.30 ug/L
RT: 9.827 min Scan# 3116
Delta R.T. -0.008 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 91 Resp: 1946159

Ion	Ratio	Lower	Upper
91	100		
106	30.0	25.0	37.4

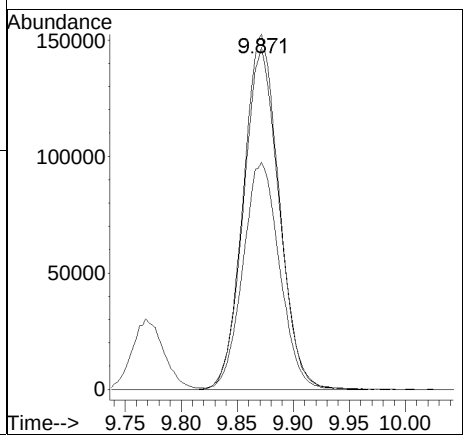


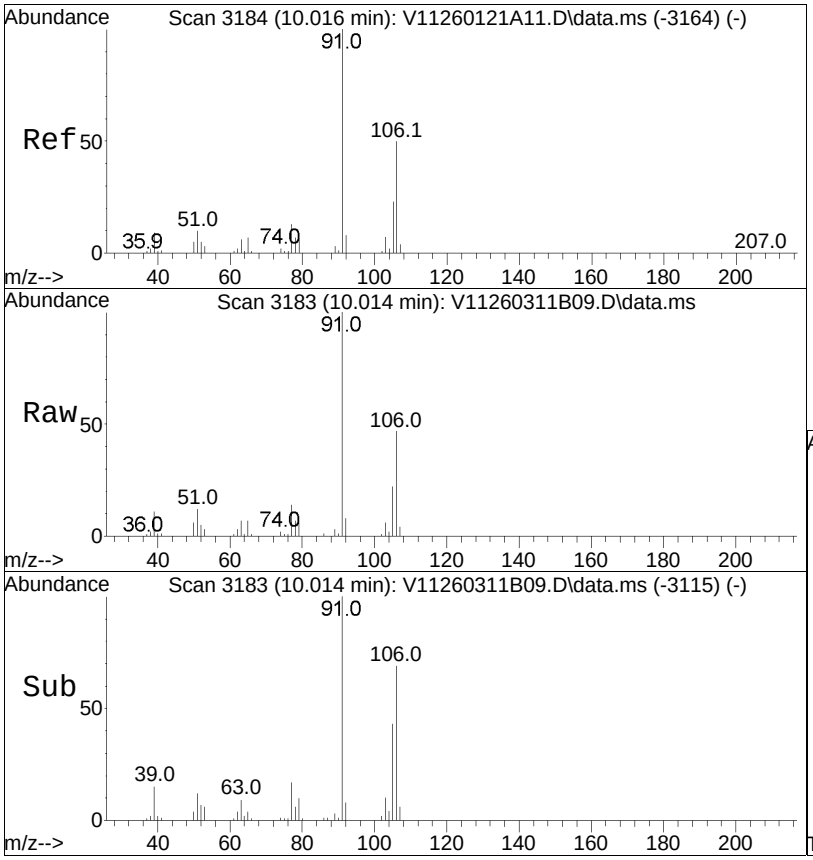


#75
1,1,1,2-Tetrachloroethane
Concen: 99.46 ug/L
RT: 9.871 min Scan# 3132
Delta R.T. -0.003 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:131 Resp: 339526

Ion	Ratio	Lower	Upper
131	100		
133	95.3	75.2	115.2
119	65.5	44.7	84.7

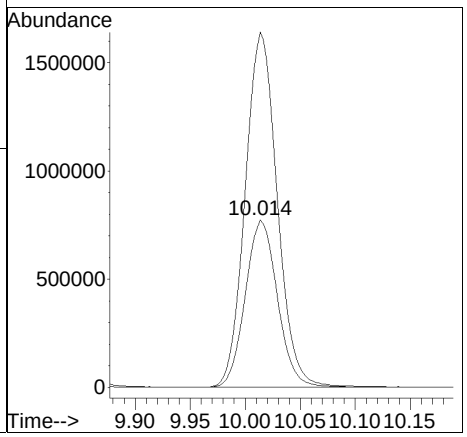


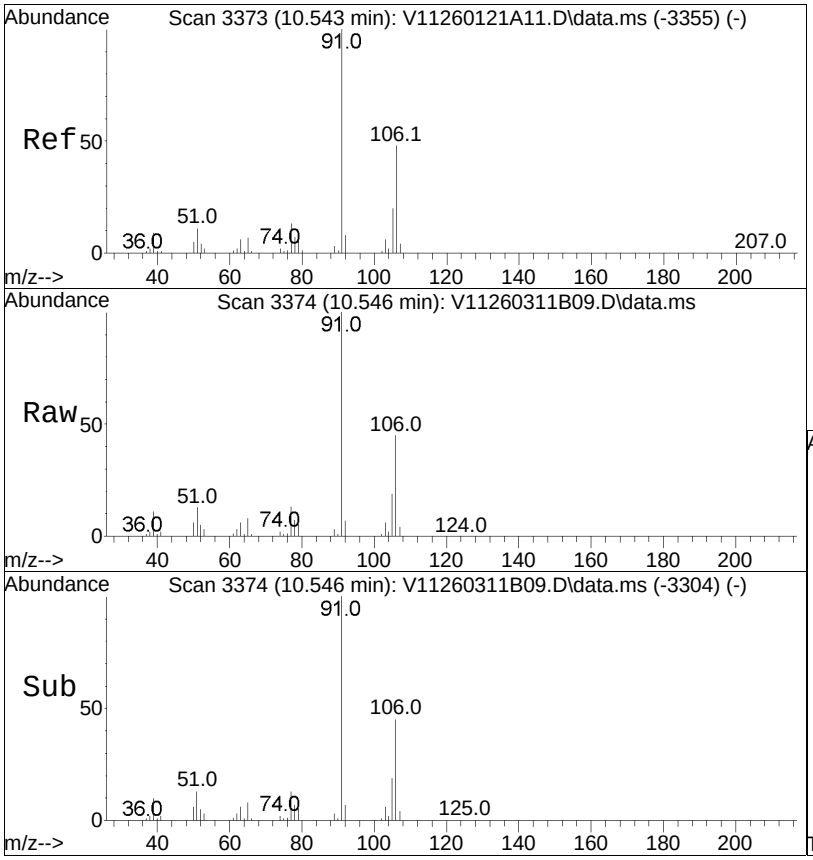


#76
p/m Xylene
Concen: 279.01 ug/L
RT: 10.014 min Scan# 3183
Delta R.T. -0.011 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:106 Resp: 1573456

Ion	Ratio	Lower	Upper
106	100		
91	211.3	159.3	238.9

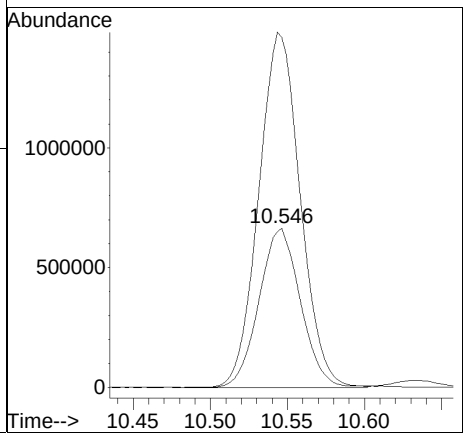


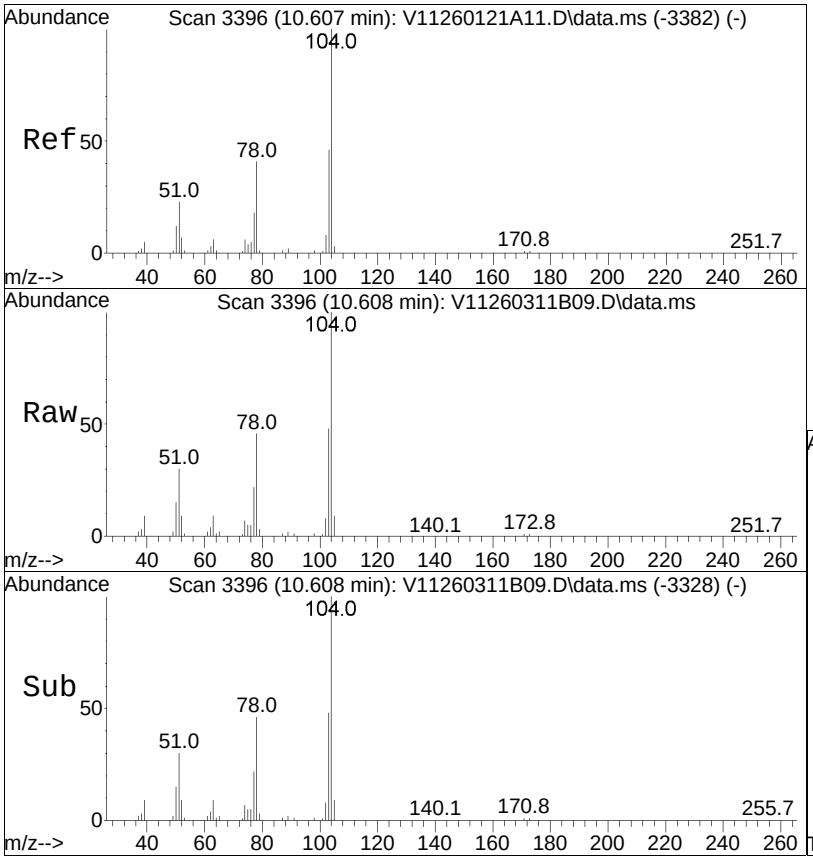


#77
o Xylene
Concen: 215.16 ug/L
RT: 10.546 min Scan# 3374
Delta R.T. -0.005 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:106 Resp: 1238300

Ion	Ratio	Lower	Upper
106	100		
91	223.7	170.2	255.2

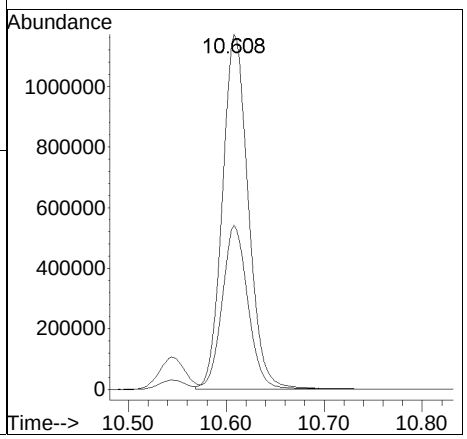


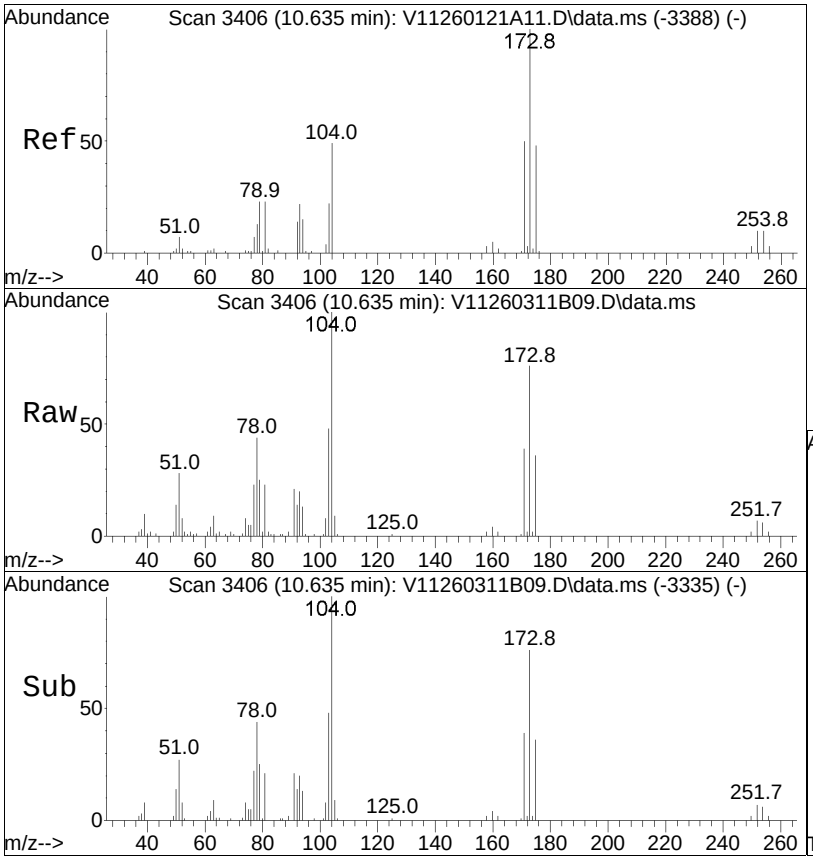


#78
Styrene
Concen: 223.95 ug/L
RT: 10.608 min Scan# 3396
Delta R.T. -0.011 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:104 Resp: 2159967

Ion	Ratio	Lower	Upper
104	100		
78	45.6	34.4	51.6

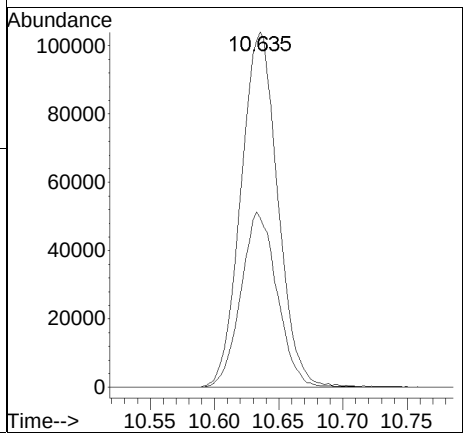


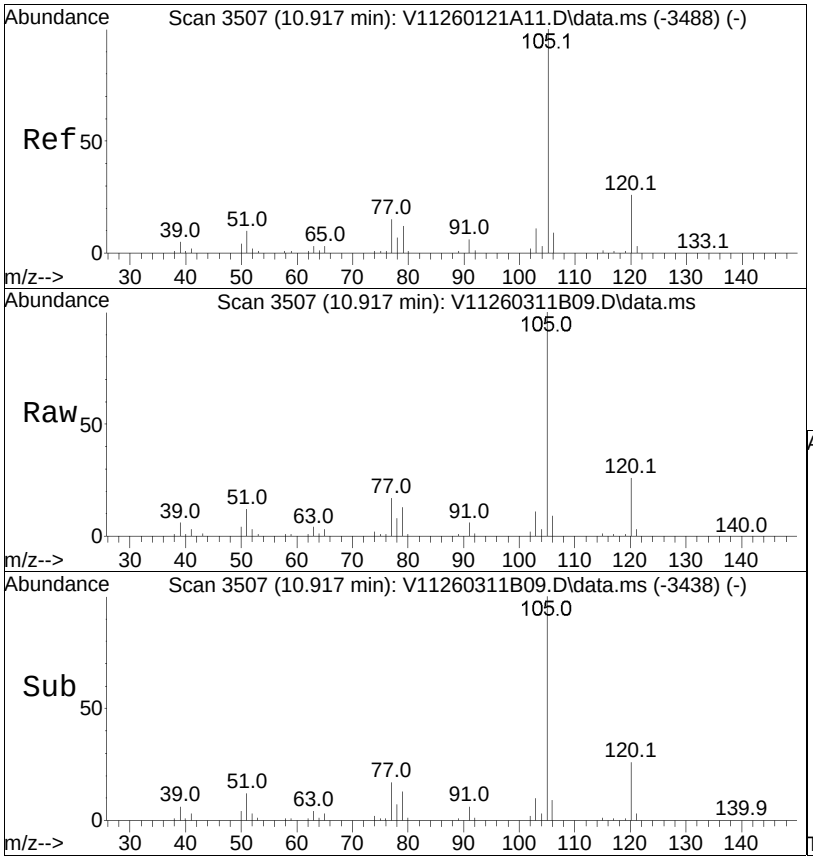


#80
Bromoform
Concen: 96.87 ug/L
RT: 10.635 min Scan# 3406
Delta R.T. -0.003 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:173 Resp: 208175

Ion	Ratio	Lower	Upper
173	100		
175	48.4	28.1	68.1

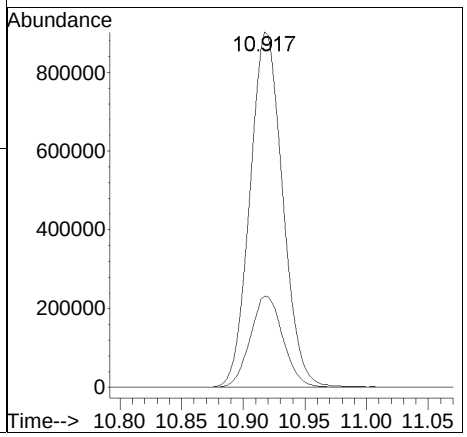


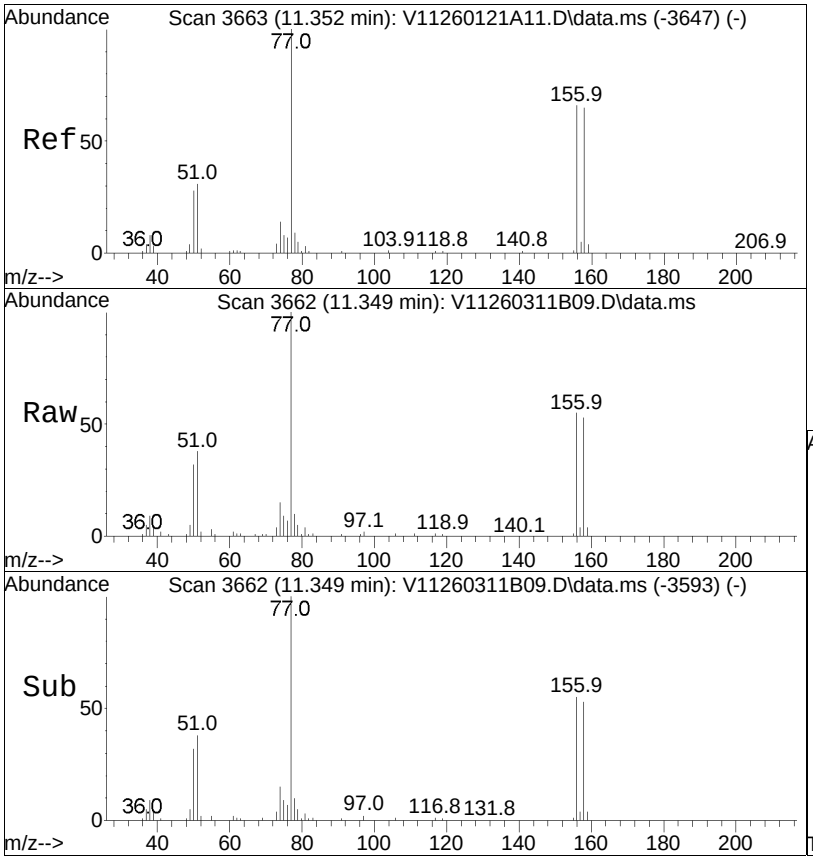


#82
Isopropylbenzene
Concen: 116.45 ug/L
RT: 10.917 min Scan# 3507
Delta R.T. -0.008 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:105 Resp: 1669118

Ion	Ratio	Lower	Upper
105	100		
120	25.8	6.9	46.9

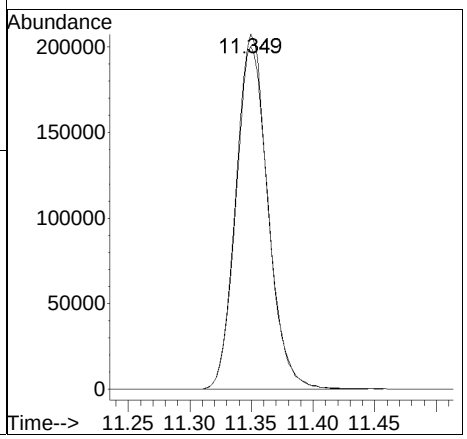


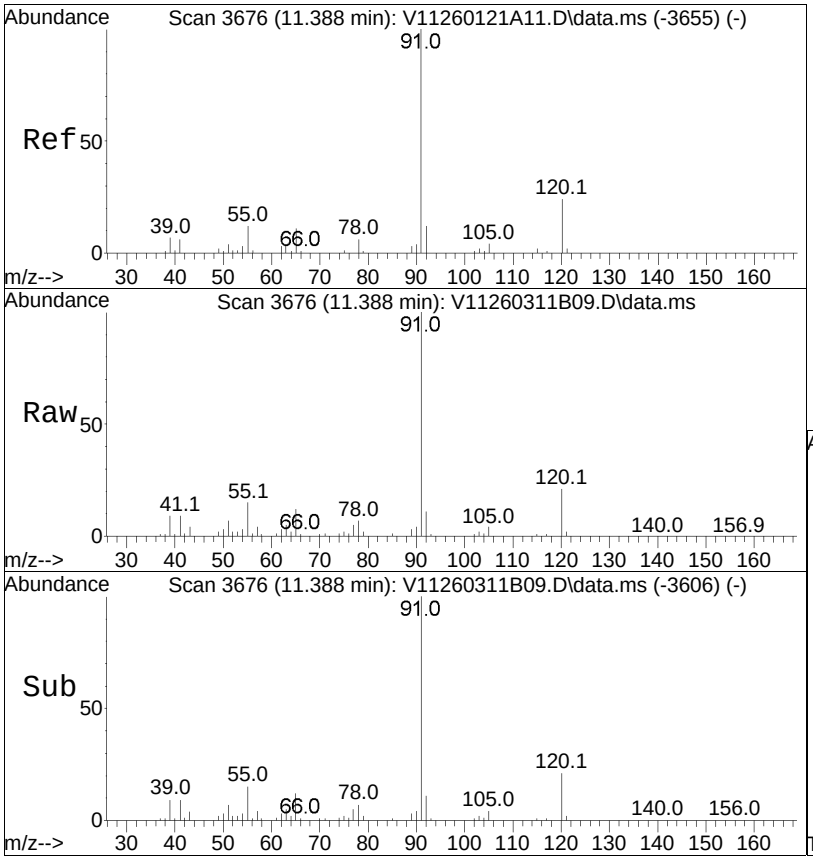


#84
Bromobenzene
Concen: 97.70 ug/L
RT: 11.349 min Scan# 3662
Delta R.T. -0.008 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:156 Resp: 376065

Ion	Ratio	Lower	Upper
156	100		
158	96.8	77.5	116.3

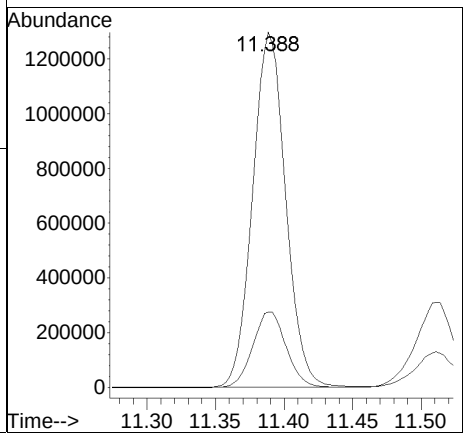


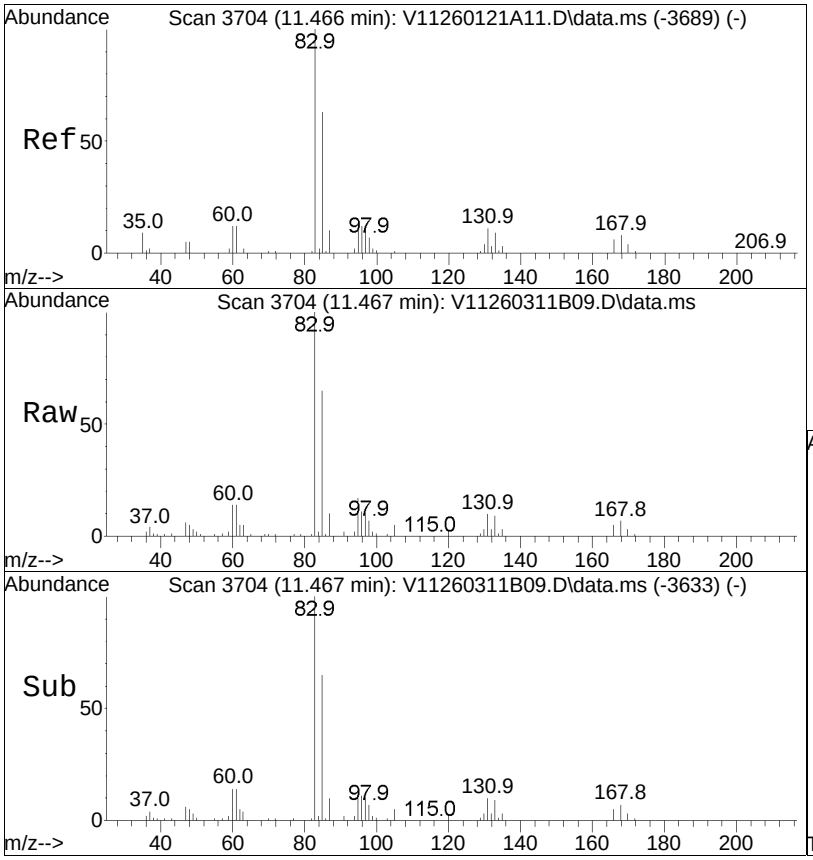


#85
n-Propylbenzene
Concen: 129.71 ug/L
RT: 11.388 min Scan# 3676
Delta R.T. -0.005 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 91 Resp: 2174141

Ion	Ratio	Lower	Upper
91	100		
120	21.5	18.6	27.8

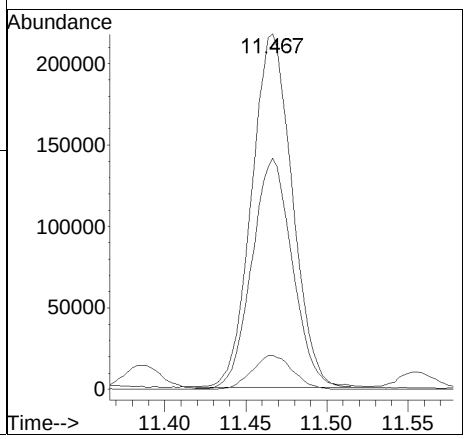


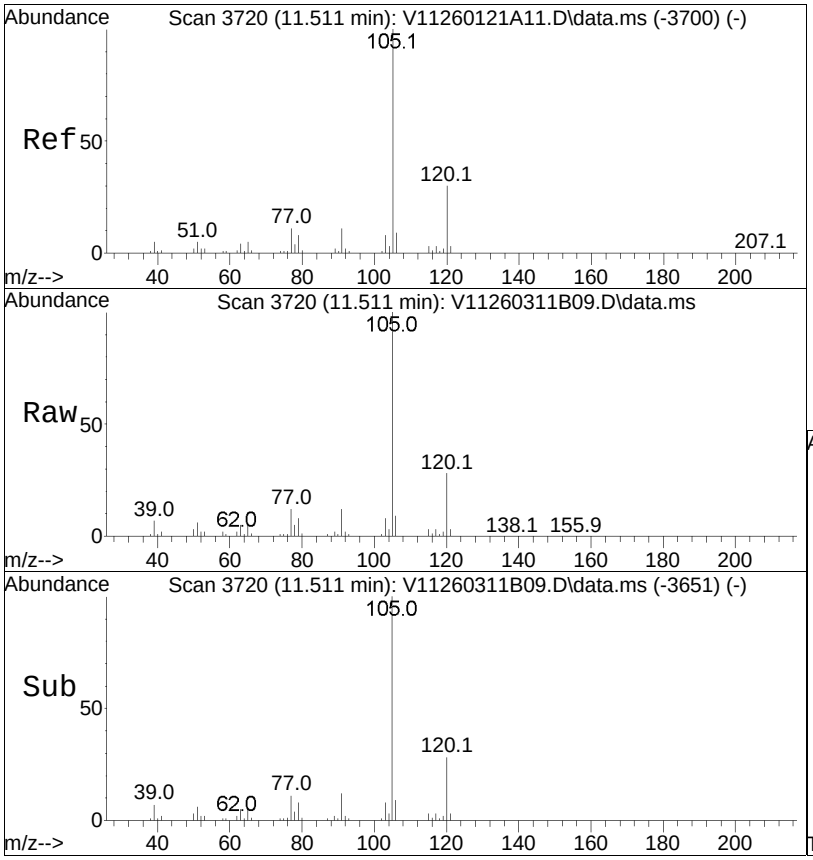


#87
1,1,2,2-Tetrachloroethane
Concen: 109.62 ug/L
RT: 11.467 min Scan# 3704
Delta R.T. -0.003 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 83 Resp: 377816

Ion	Ratio	Lower	Upper
83	100		
131	9.8	0.0	30.1
85	65.5	45.8	85.8

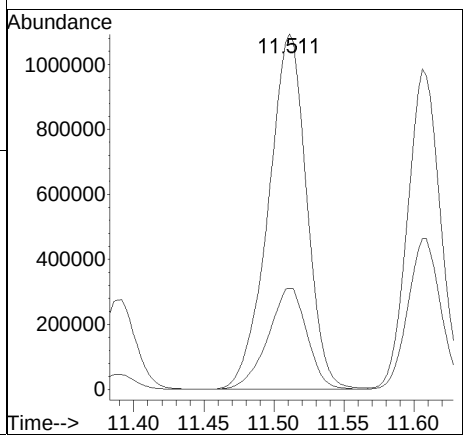


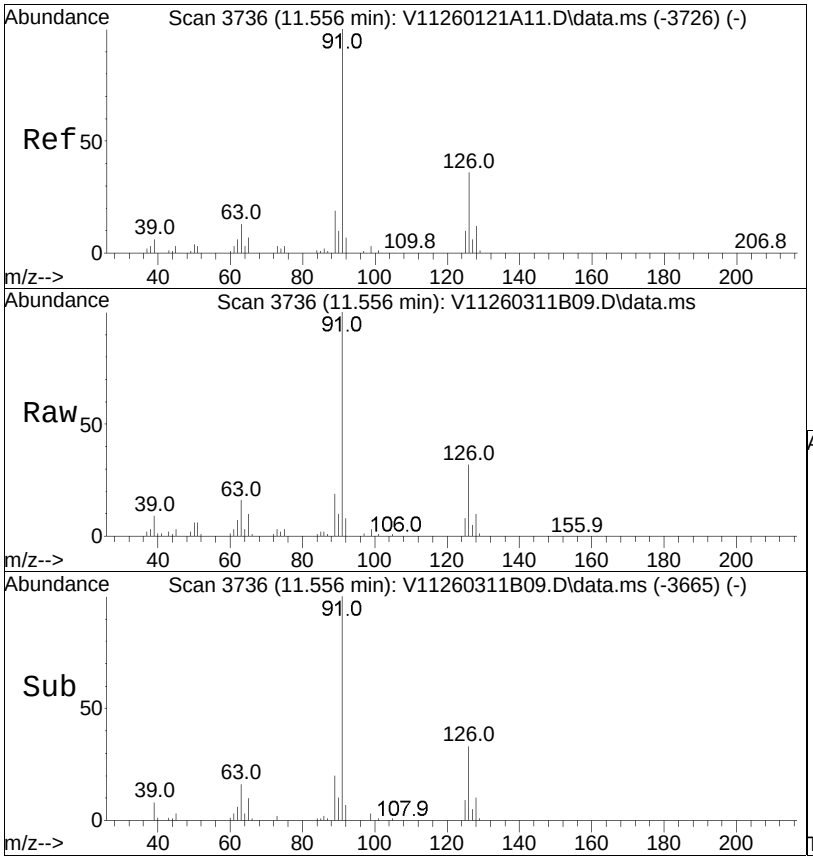


#88
4-Ethyltoluene
Concen: 147.05 ug/L
RT: 11.511 min Scan# 3720
Delta R.T. -0.008 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:105 Resp: 2078808

Ion	Ratio	Lower	Upper
105	100		
120	28.9	19.5	40.5

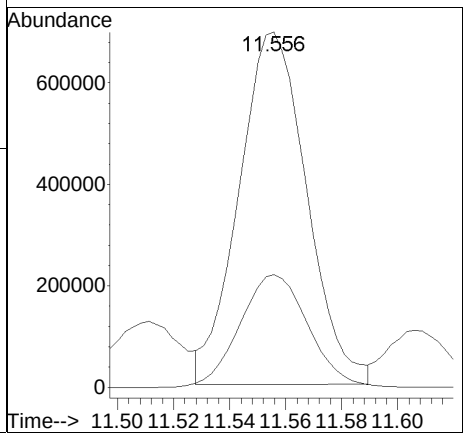


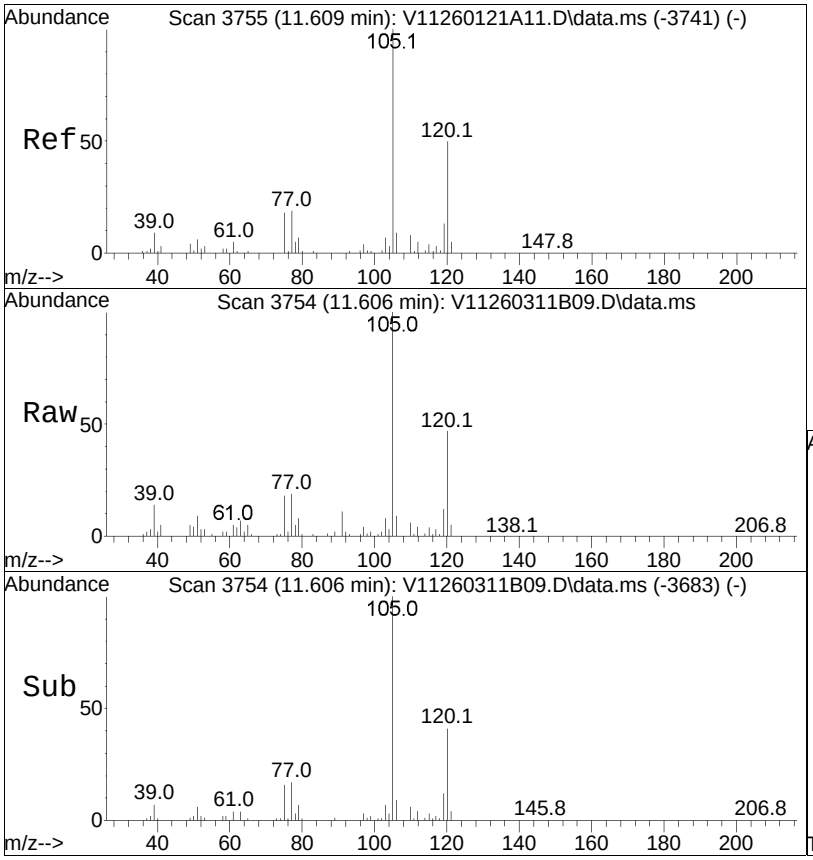


#89
2-Chlorotoluene
Concen: 114.58 ug/L
RT: 11.556 min Scan# 3736
Delta R.T. -0.003 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 91 Resp: 1170001

Ion	Ratio	Lower	Upper
91	100		
126	32.4	24.3	36.5

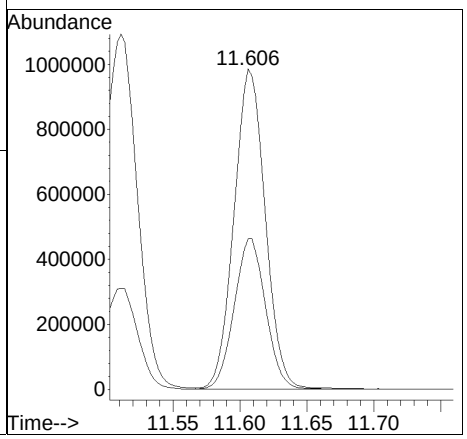


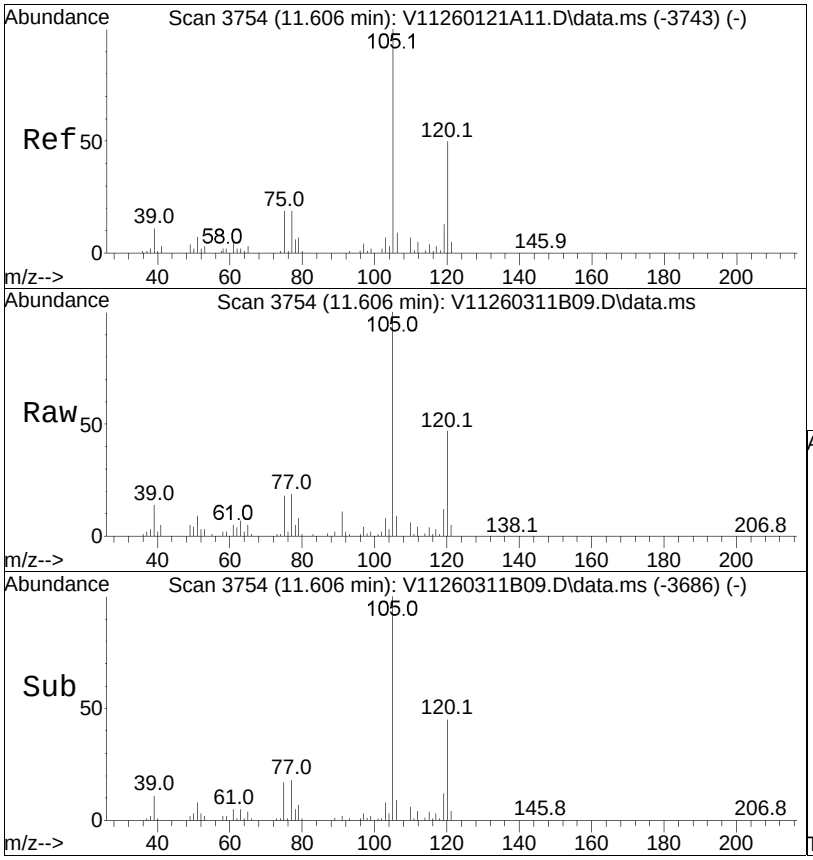


#90
1,3,5-Trimethylbenzene
Concen: 129.17 ug/L
RT: 11.606 min Scan# 3754
Delta R.T. -0.003 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:105 Resp: 1595293

Ion	Ratio	Lower	Upper
105	100		
120	47.2	39.8	59.8

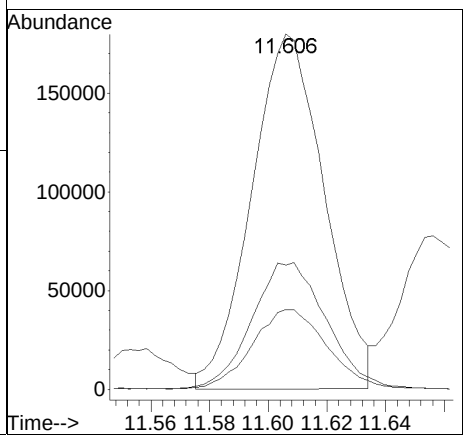


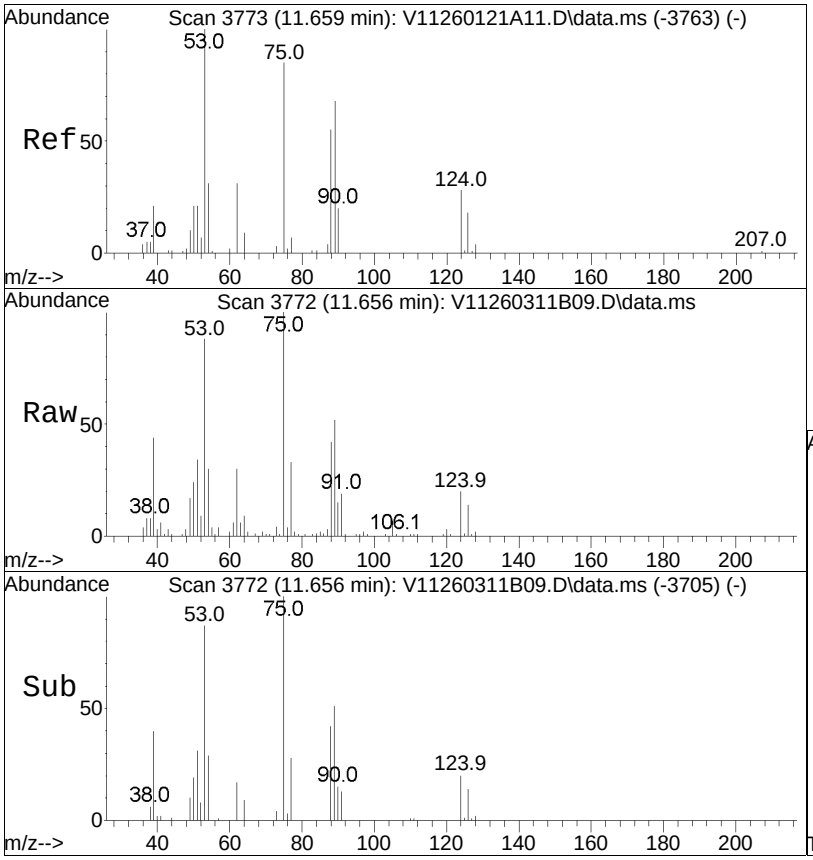


#91
1,2,3-Trichloropropane
Concen: 116.91 ug/L
RT: 11.606 min Scan# 3754
Delta R.T. -0.011 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 75 Resp: 309616

Ion	Ratio	Lower	Upper
75	100		
110	36.4	25.2	52.2
112	23.1	15.7	32.5

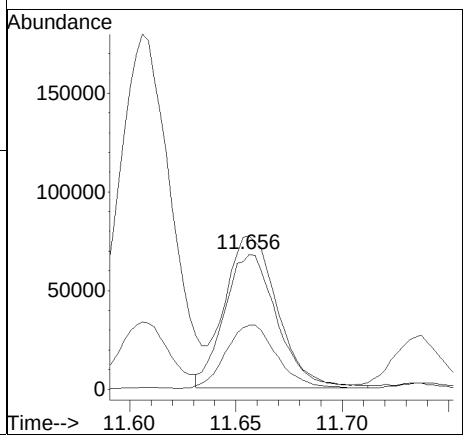


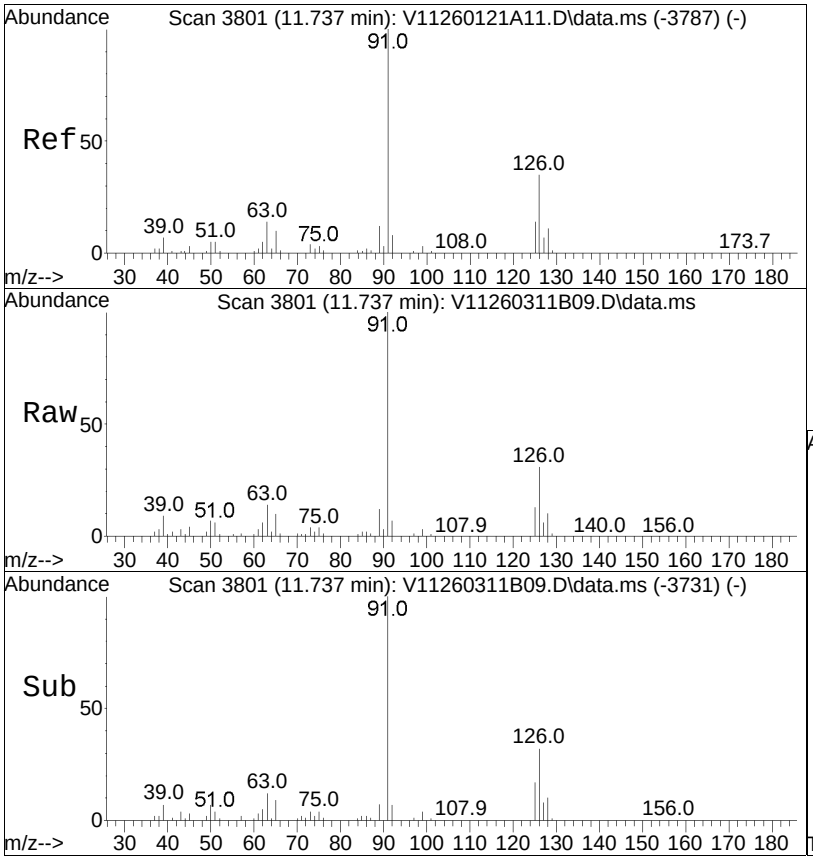


#92
trans-1,4-Dichloro-2-butene
Concen: 120.51 ug/L
RT: 11.656 min Scan# 3772
Delta R.T. -0.014 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 53 Resp: 116529

Ion	Ratio	Lower	Upper
53	100		
88	47.9	34.1	51.1
75	111.6	82.8	124.2

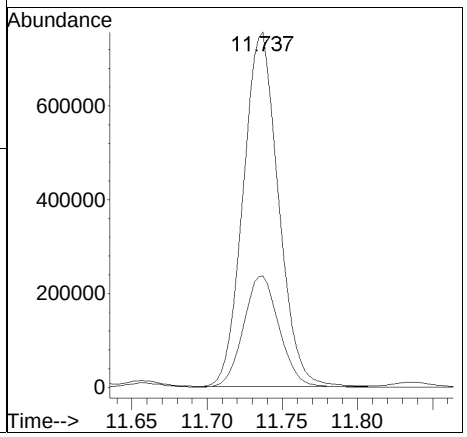


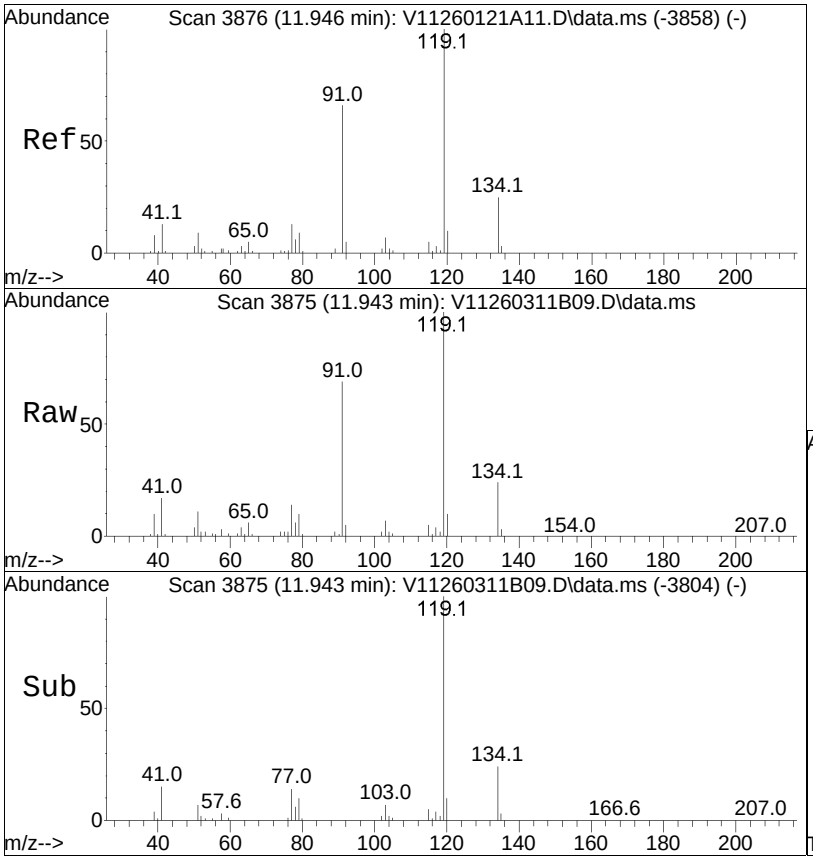


#93
4-Chlorotoluene
Concen: 115.80 ug/L
RT: 11.737 min Scan# 3801
Delta R.T. -0.005 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 91 Resp: 1229119

Ion	Ratio	Lower	Upper
91	100		
126	32.0	27.9	41.9

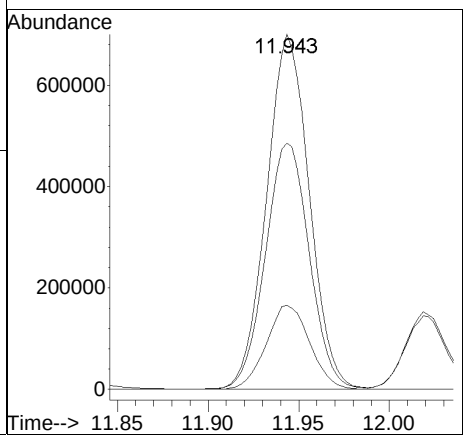


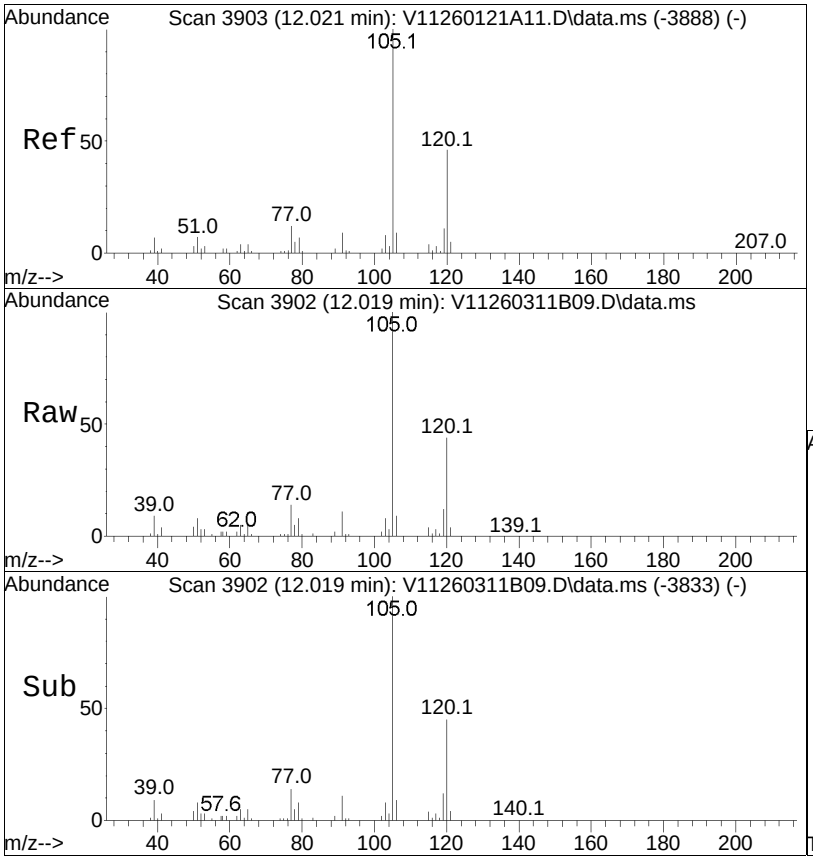


#94
tert-Butylbenzene
Concen: 111.13 ug/L
RT: 11.943 min Scan# 3875
Delta R.T. -0.003 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:119 Resp: 1148816

Ion	Ratio	Lower	Upper
119	100		
91	71.2	53.0	79.4
134	24.2	19.8	29.6

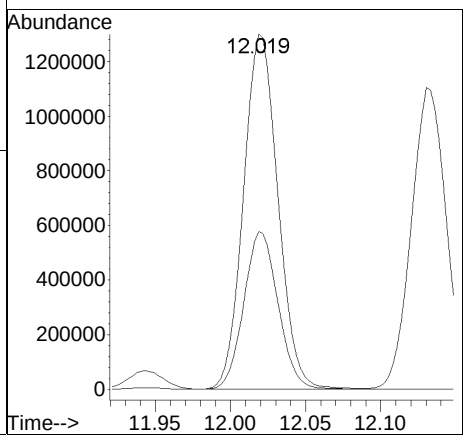


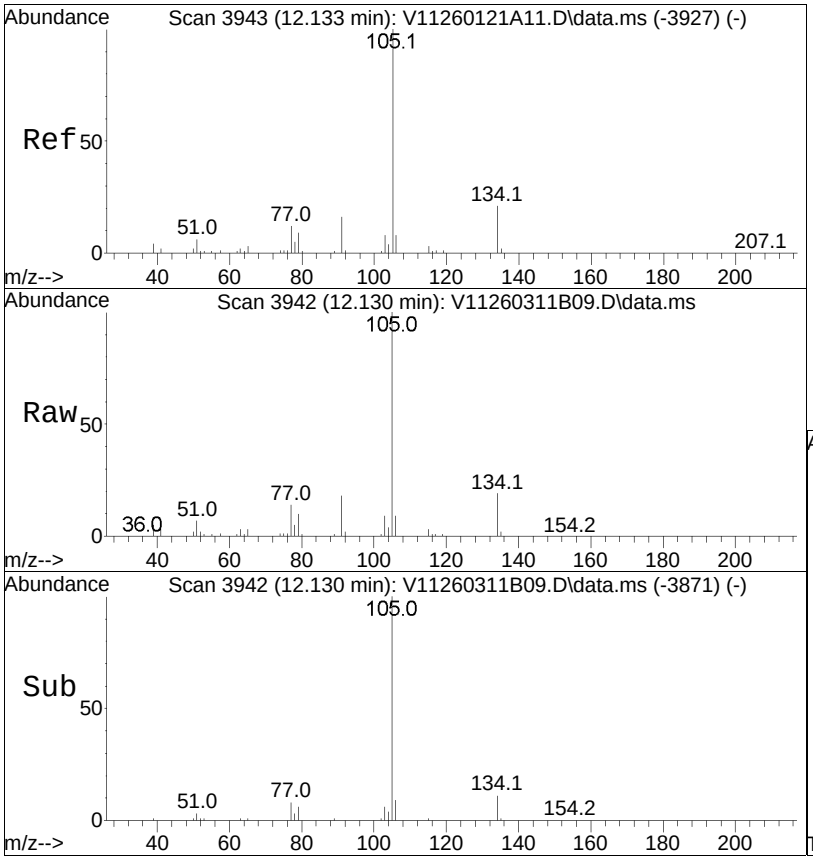


#97
1,2,4-Trimethylbenzene
Concen: 170.37 ug/L
RT: 12.019 min Scan# 3902
Delta R.T. -0.008 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:105 Resp: 2074007

Ion	Ratio	Lower	Upper
105	100		
120	44.1	37.4	56.0

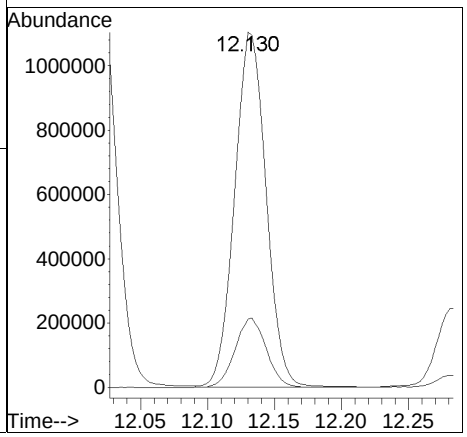


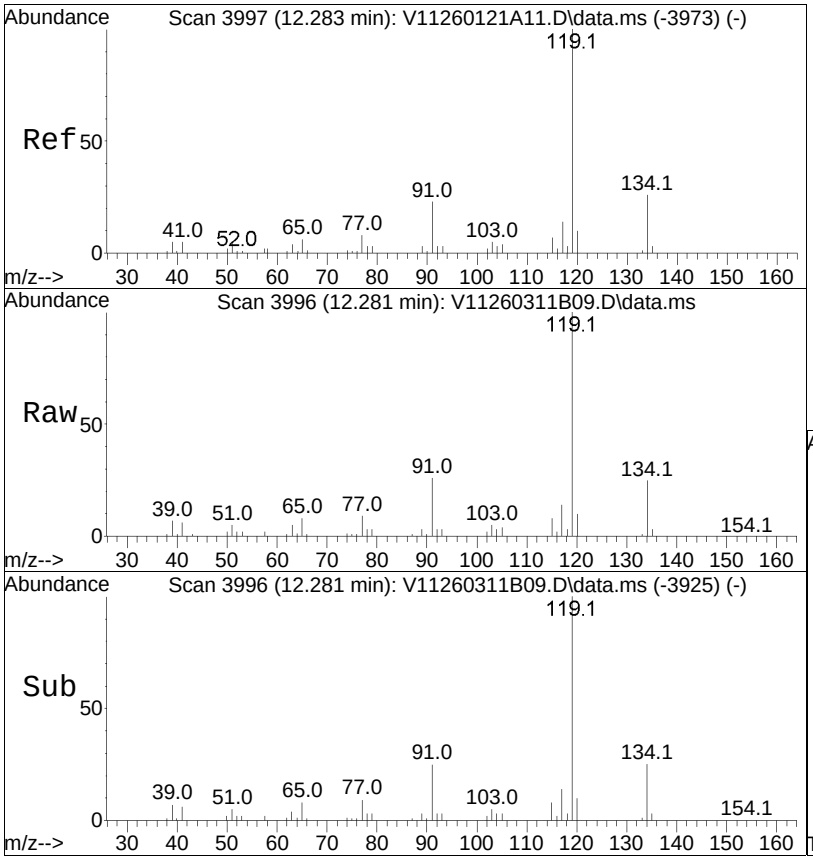


#98
sec-Butylbenzene
Concen: 117.99 ug/L
RT: 12.130 min Scan# 3942
Delta R.T. -0.003 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:105 Resp: 1798844

Ion	Ratio	Lower	Upper
105	100		
134	19.4	13.2	27.4

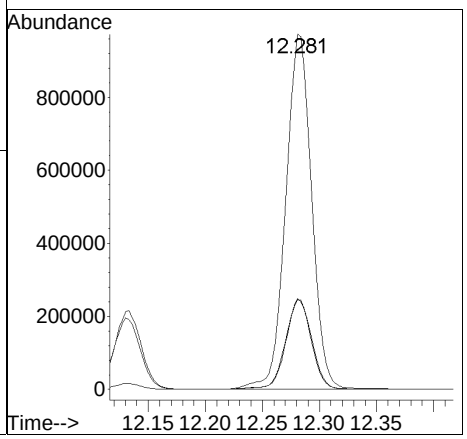


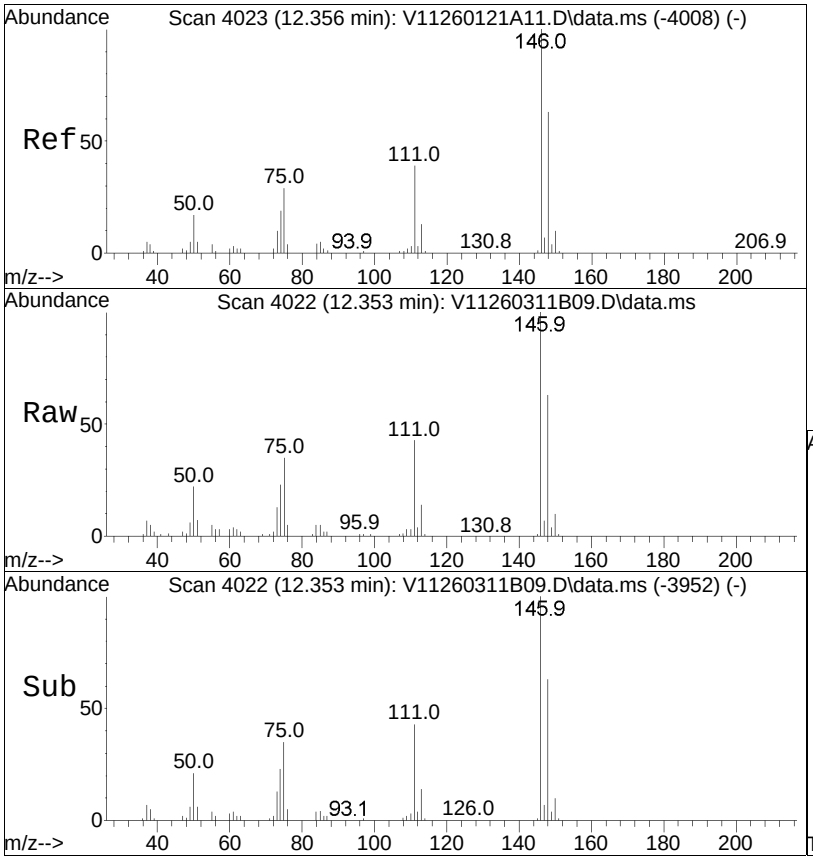


#99
p-Isopropyltoluene
Concen: 115.46 ug/L
RT: 12.281 min Scan# 3996
Delta R.T. -0.003 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:119 Resp: 1537332

Ion	Ratio	Lower	Upper
119	100		
134	25.4	17.1	35.5
91	25.2	15.3	31.9

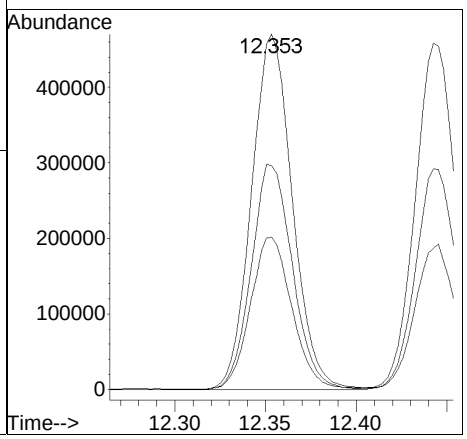


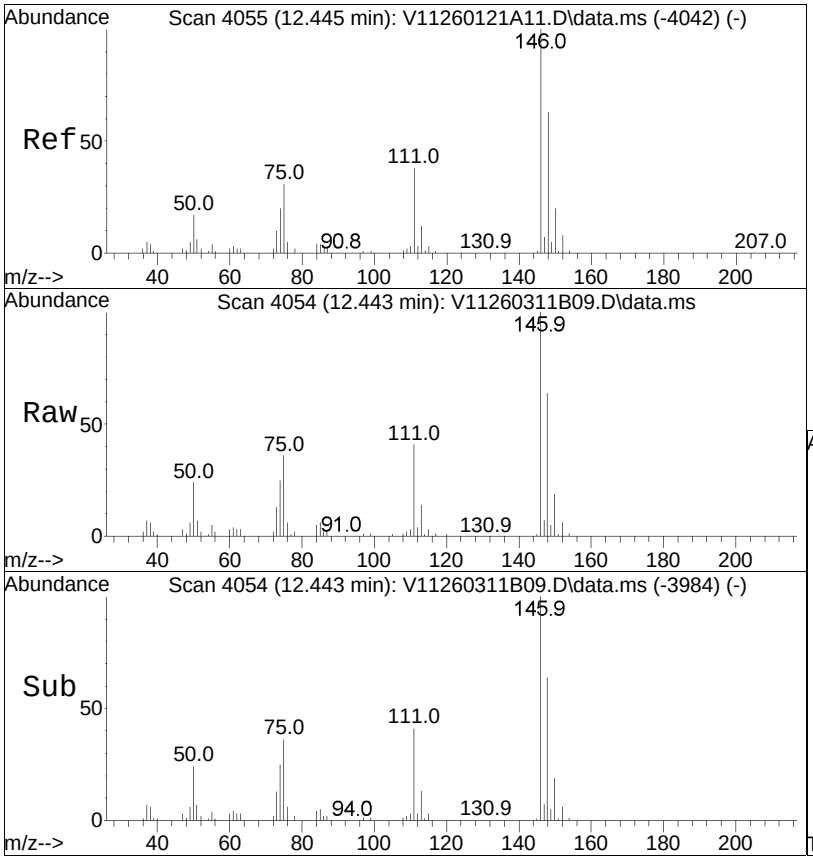


#100
1,3-Dichlorobenzene
Concen: 102.82 ug/L
RT: 12.353 min Scan# 4022
Delta R.T. -0.005 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:146 Resp: 738102

Ion	Ratio	Lower	Upper
146	100		
111	43.4	25.6	53.2
148	63.9	41.3	85.9

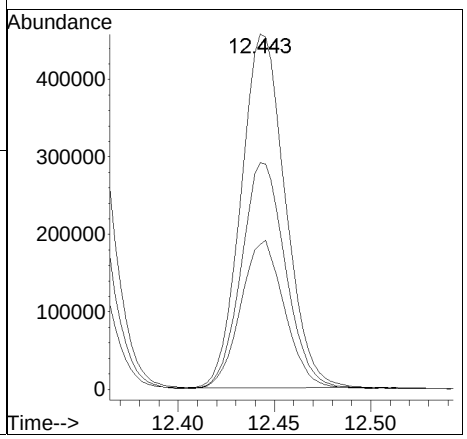


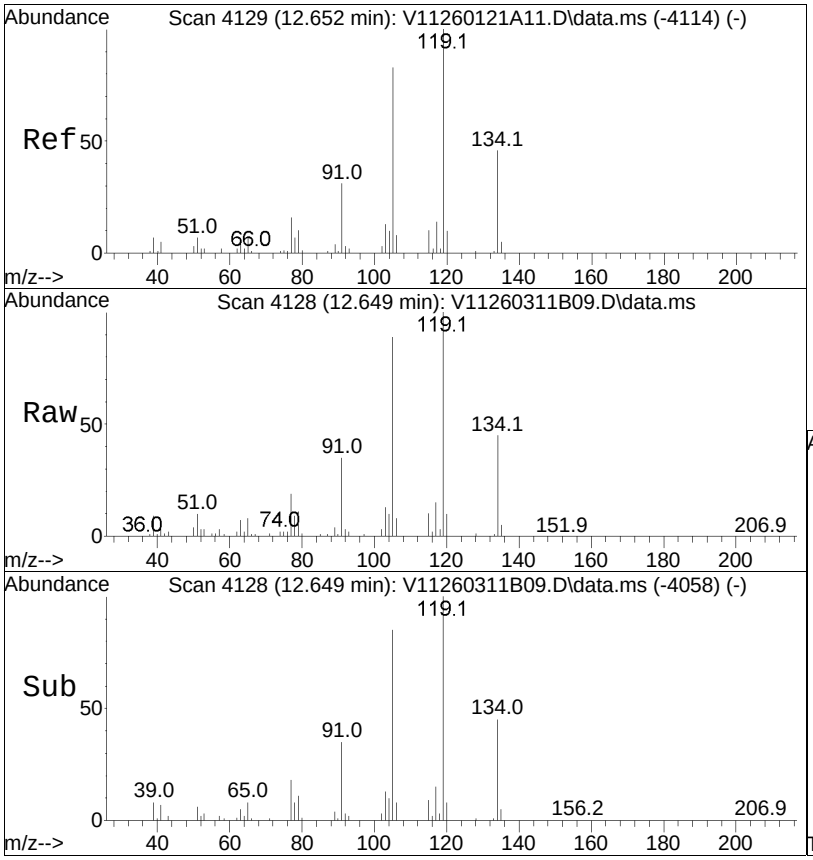


#101
1,4-Dichlorobenzene
Concen: 96.70 ug/L
RT: 12.443 min Scan# 4054
Delta R.T. -0.005 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:146 Resp: 730680

Ion	Ratio	Lower	Upper
146	100		
111	41.7	31.4	47.0
148	63.8	50.7	76.1

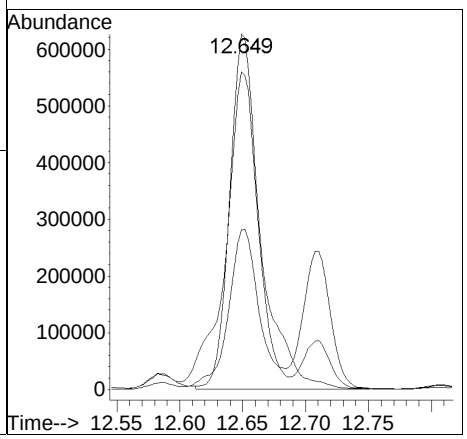


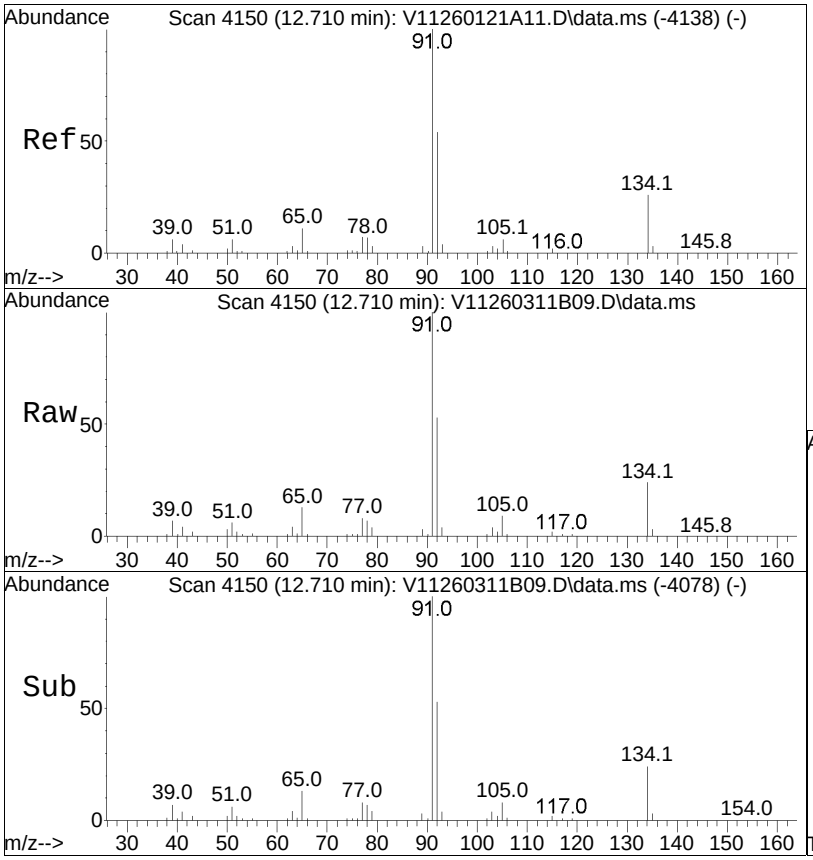


#102
p-Diethylbenzene
Concen: 135.33 ug/L
RT: 12.649 min Scan# 4128
Delta R.T. -0.005 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:119 Resp: 1070303

Ion	Ratio	Lower	Upper
119	100		
105	93.5	54.5	113.3
134	45.4	29.9	62.1

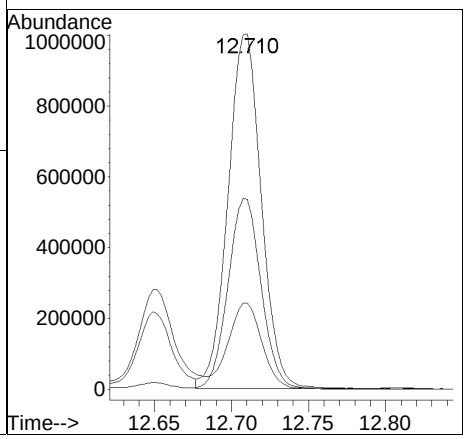


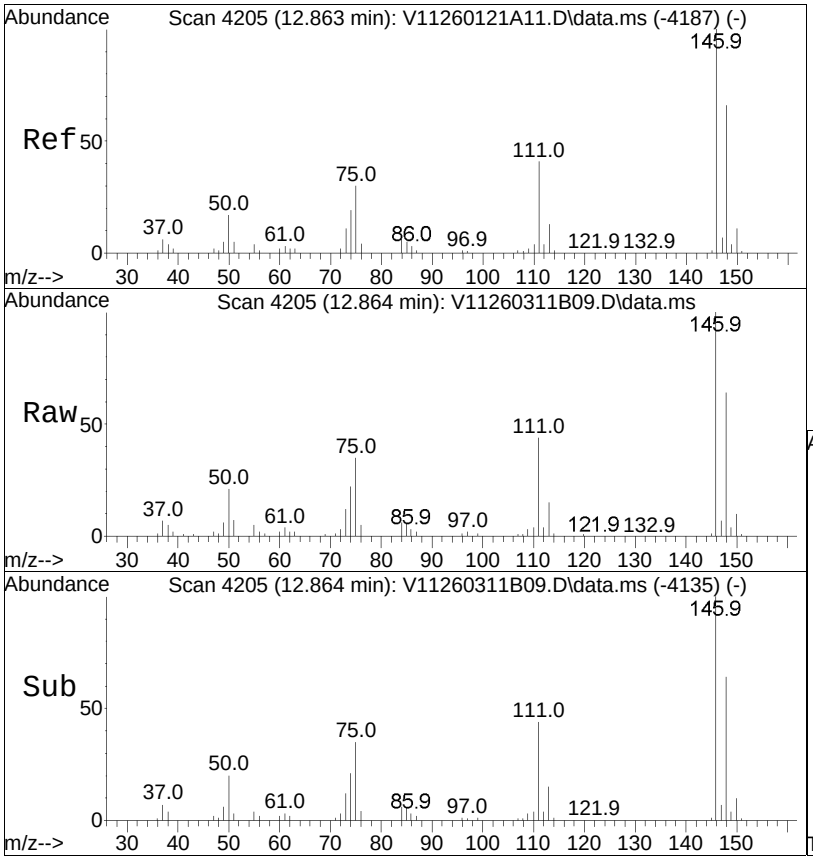


#103
n-Butylbenzene
Concen: 125.20 ug/L
RT: 12.710 min Scan# 4150
Delta R.T. 0.000 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion: 91 Resp: 1504836

Ion	Ratio	Lower	Upper
91	100		
92	53.6	43.3	64.9
134	24.6	21.4	32.0

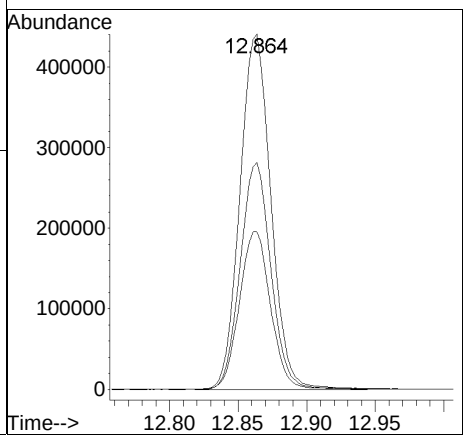


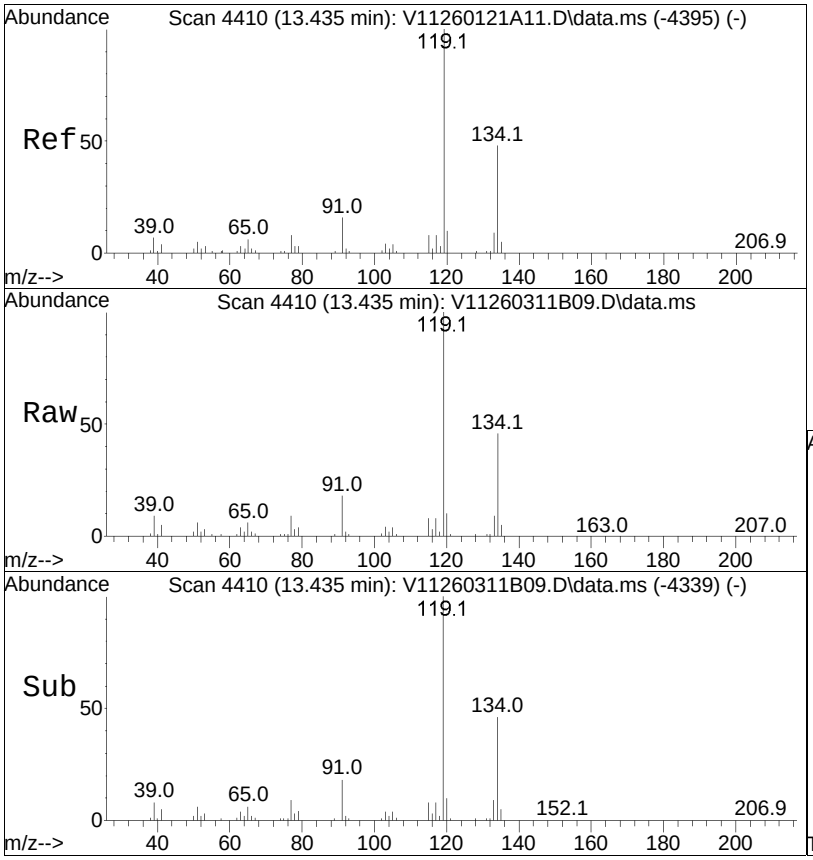


#104
1,2-Dichlorobenzene
Concen: 102.71 ug/L
RT: 12.864 min Scan# 4205
Delta R.T. -0.005 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:146 Resp: 694666

Ion	Ratio	Lower	Upper
146	100		
111	44.4	26.9	55.9
148	63.3	41.2	85.6

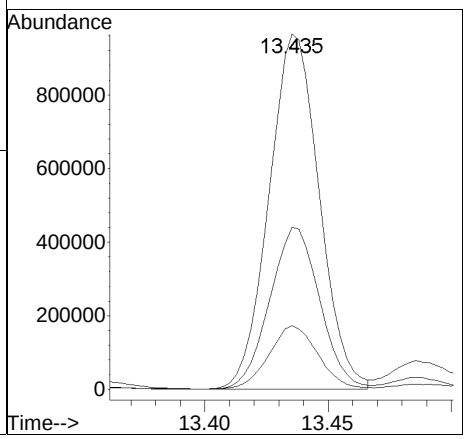


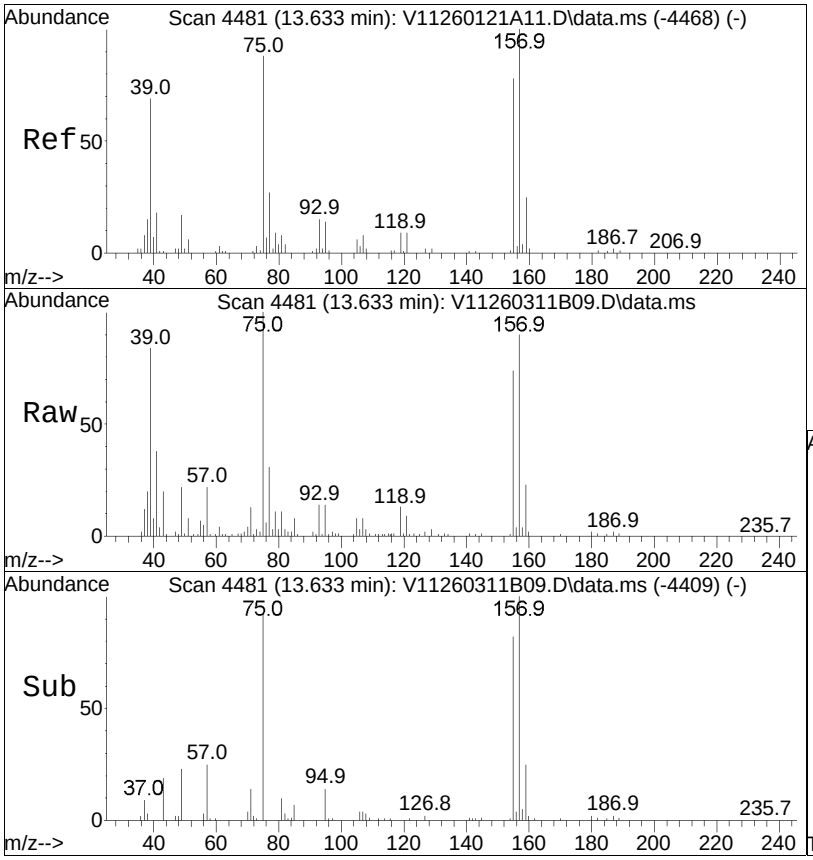


#105
1,2,4,5-Tetramethylbenzene
Concen: 113.04 ug/L
RT: 13.435 min Scan# 4410
Delta R.T. -0.003 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:119 Resp: 1364117

Ion	Ratio	Lower	Upper
119	100		
134	45.6	31.1	64.5
91	17.5	10.4	21.6

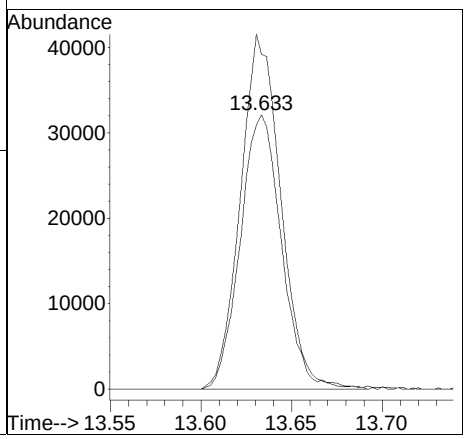


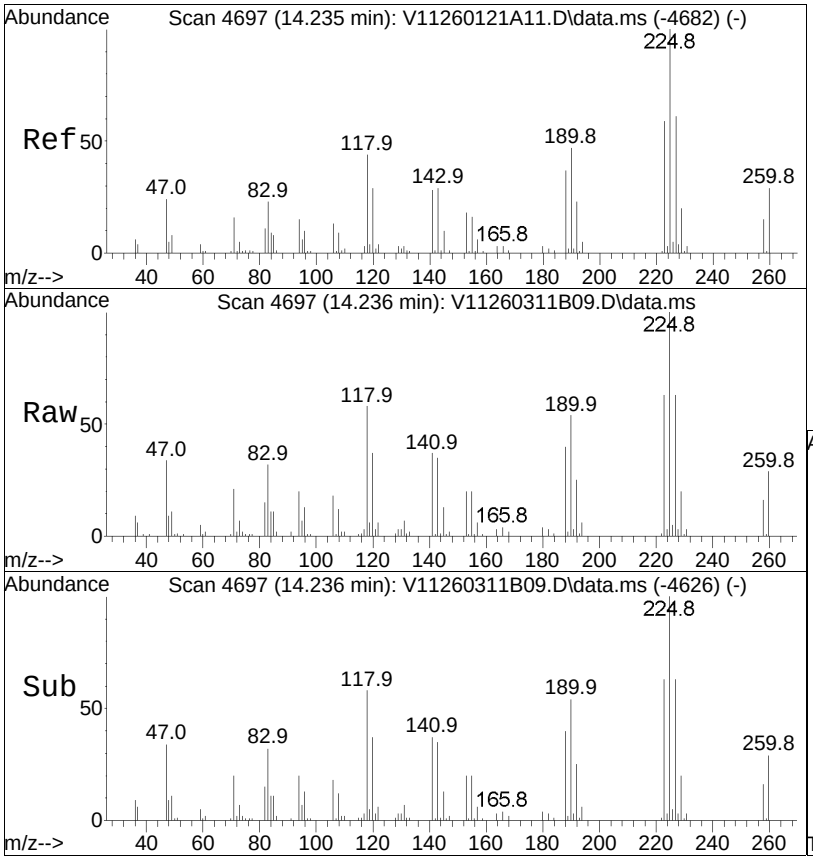


#106
1,2-Dibromo-3-chloropropane
Concen: 98.83 ug/L
RT: 13.633 min Scan# 4481
Delta R.T. 0.000 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:155 Resp: 50910

Ion	Ratio	Lower	Upper
155	100		
157	126.6	100.0	150.0

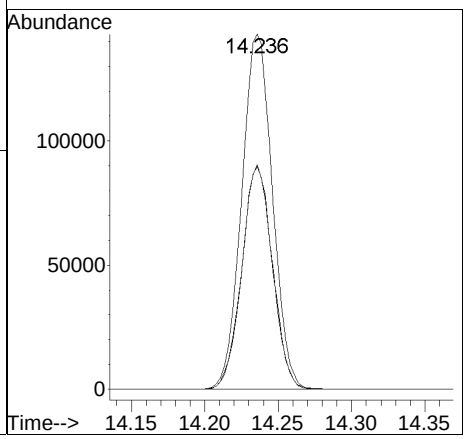


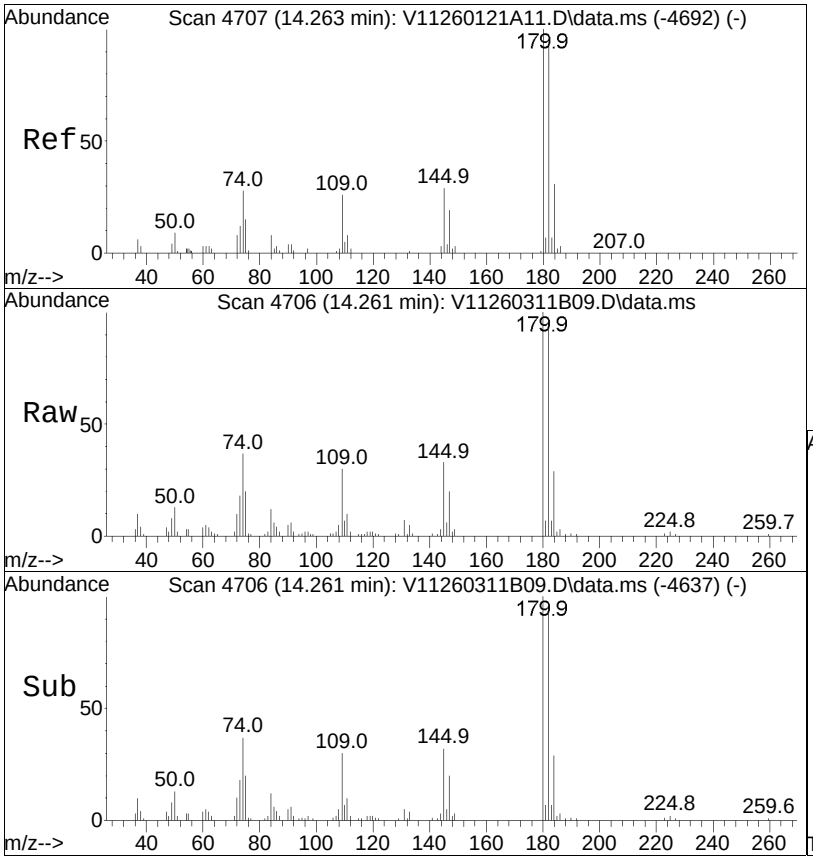


#108
Hexachlorobutadiene
Concen: 92.71 ug/L
RT: 14.236 min Scan# 4697
Delta R.T. -0.003 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:225 Resp: 209062

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.9	74.9
227	62.7	50.6	75.8

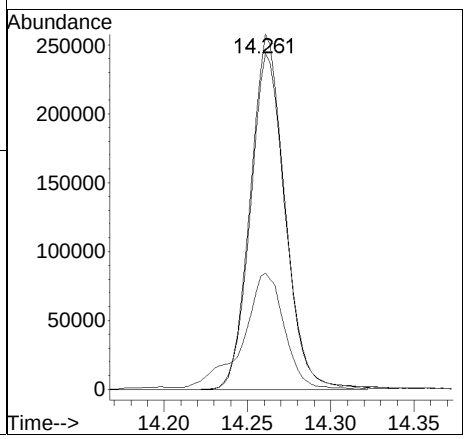


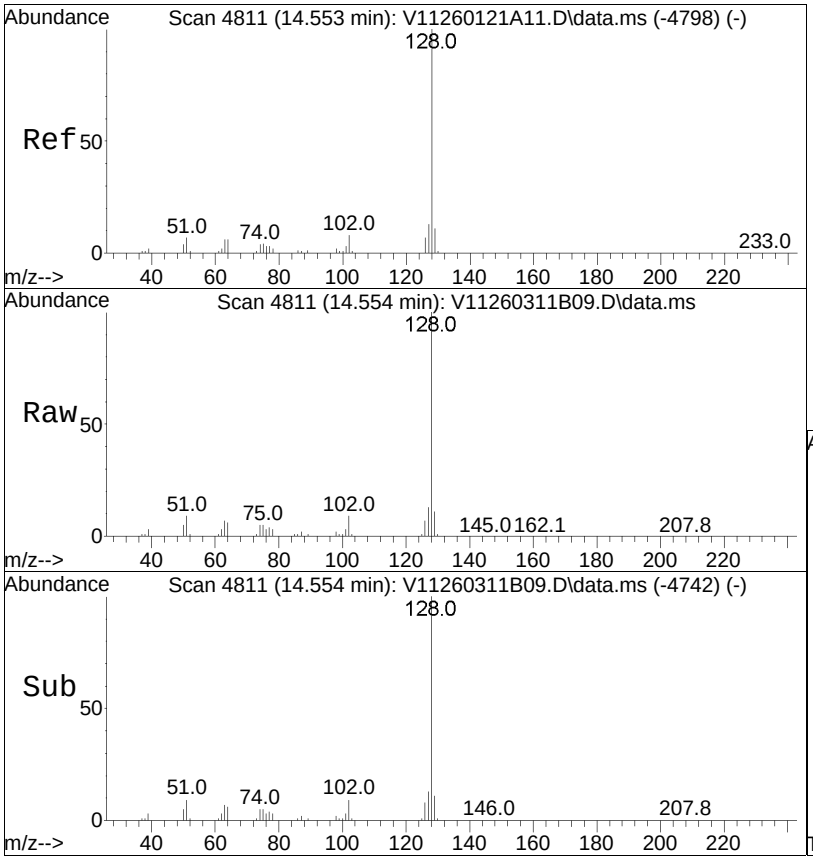


#109
1,2,4-Trichlorobenzene
Concen: 92.01 ug/L
RT: 14.261 min Scan# 4706
Delta R.T. -0.008 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:180 Resp: 372149

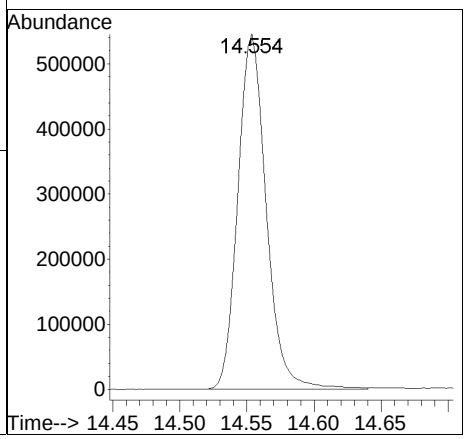
Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.6
145	38.9	29.6	44.4

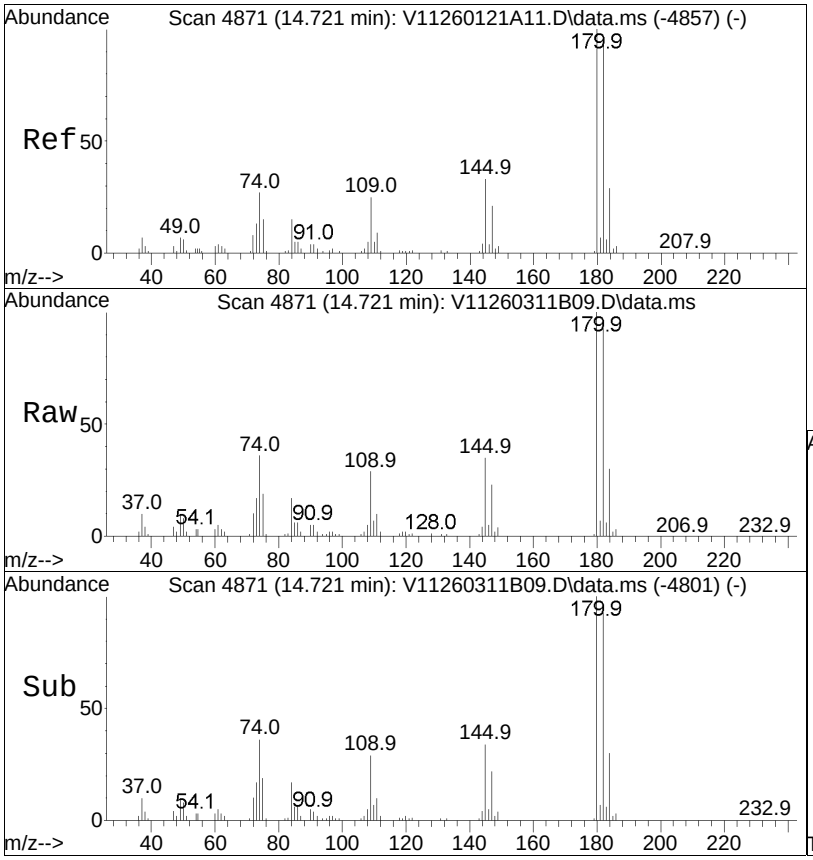




#110
Naphthalene
Concen: 106.21 ug/L
RT: 14.554 min Scan# 4811
Delta R.T. -0.008 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:128 Resp: 804778

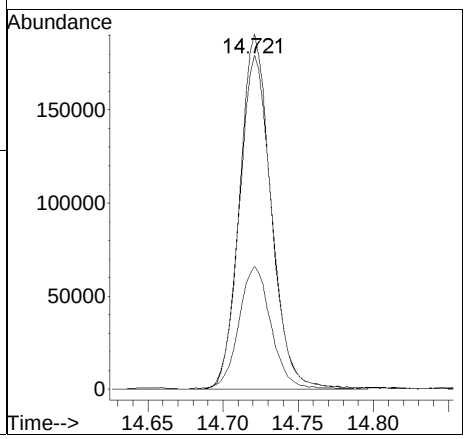




#111
1,2,3-Trichlorobenzene
Concen: 89.65 ug/L
RT: 14.721 min Scan# 4871
Delta R.T. -0.005 min
Lab File: V11260311B09.D
Acq: 11 Mar 2026 04:29 pm

Tgt Ion:180 Resp: 279070

Ion	Ratio	Lower	Upper
180	100		
182	95.7	74.2	111.4
145	35.3	26.3	39.5



Manual Integration Report

Data Path	: K:\VOA111\2026\260311B\	QMethod	: V111_260121A_8260.m
Data File	: V11260311B09.D	Operator	: VOA111:RAW
Date Inj'd	: 3/11/2026 4:29 pm	Instrument	: VOA111
Sample	: WG2183467-7,31H,5.55,5,0.1	Quant Date	: 3/11/2026 5:12 pm

There are no manual integrations or false positives in this file.

Calculation of Volatile Organic Compounds

Aqueous Concentration Formula: Amt * DF * Uf * (1/Vo)

Where:
DF = Dilution Factor
Vo = Sample Volume Purged (mL)
Uf = ng Unit Correction Factor (mL)

Soil Concentration Formula: Amt * DF * (1/Wt)

Where:
DF = Dilution Factor
Wt = Weight of Sample (g)

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Mar 11 2026, 05:41 pm

Work Group: WG2183398 for Department: 31 GC/MS - Volatiles

Created: 10-MAR-26 Due: Operator: BAD

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2612196-02	PDI-4_53-55_20260306	S	NYTCL-8260HLW	SOIL	DONE	U	0320	0311	1C	8260SET
L2612196-03	PDI-4_58-60_20260306	S	NYTCL-8260HLW	SOIL	DONE	U	0320	0311	1C	8260SET
L2612196-08	PDI-3_63-65_20260306	S	NYTCL-8260HLW	SOIL	DONE	U	0320	0311	1C	8260SET
L2612313-01	GRAB-01	S	NYTCL-8260HLW	SOIL	DONE	U	0320	0311	3C	8260SET
L2612313-02	COMP-01	S	NYTCL-8260HLW	SOIL	DONE	U	0320	0311	3C	8260SET
WG2183398-1	MS BFB Tune Standard	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183398-2	Continuing Calibrati	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183398-3	Laboratory Control S	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183398-4	LCS Duplicate	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183398-5	Laboratory Method Bl	S	NYTCL-8260HLW	SOIL	DONE	U				

Comments:

WG2183398-4 WG2183398-3

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Mar 11 2026, 05:41 pm

Work Group: WG2183467 for Department: 31 GC/MS - Volatiles

Created: 10-MAR-26 Due: Operator: MNF

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2611238-03	TRIP BLANK_20260303	S	NYTCL-8260H	SOIL	DONE	U	0317	0310	S0	Vial-F
L2612196-06	PDI-3_53-55_20260306	S	NYTCL-8260HLW	SOIL	DONE	U	0320	0311	1C	8260SET
L2612196-07	PDI-3_58-60_20260306	S	NYTCL-8260HLW	SOIL	DONE	U	0320	0311	1C	8260SET
L2612531-01	SB-411-0.5-5.0	S	NYTCL-8260HLW-R2	SOIL	DONE	U	0323	0311	3B	8260SET
L2612531-03	SB-414-0.0-2.0	S	NYTCL-8260HLW-R2	SOIL	DONE	U	0323	0311	3B	8260SET
L2612531-06	SB-415-5.0-8.0	S	NYTCL-8260HLW-R2	SOIL	DONE	U	0323	0311	3B	8260SET
WG2183467-1	MS BFB Tune Standard	S	NYTCL-8260H	SOIL	DONE	U				
WG2183467-1	MS BFB Tune Standard	S	NYTCL-8260HLW-R2	SOIL	DACQ	U				
WG2183467-1	MS BFB Tune Standard	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2183467-10	Laboratory Control S	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183467-10	Laboratory Control S	S	NYTCL-8260HLW-R2	SOIL	DACQ	U				
WG2183467-10	Laboratory Control S	S	NYTCL-8260H	SOIL	DACQ	U				
WG2183467-11	LCS Duplicate	S	NYTCL-8260HLW-R2	SOIL	DACQ	U				
WG2183467-11	LCS Duplicate	S	NYTCL-8260H	SOIL	DACQ	U				
WG2183467-11	LCS Duplicate	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183467-12	Laboratory Method Bl	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183467-12	Laboratory Method Bl	S	NYTCL-8260HLW-R2	SOIL	DACQ	U				
WG2183467-12	Laboratory Method Bl	S	NYTCL-8260H	SOIL	DACQ	U				
WG2183467-2	Continuing Calibrati	S	NYTCL-8260H	SOIL	DONE	U				
WG2183467-2	Continuing Calibrati	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2183467-2	Continuing Calibrati	S	NYTCL-8260HLW-R2	SOIL	DACQ	U				
WG2183467-3	Laboratory Control S	S	NYTCL-8260HLW-R2	SOIL	DACQ	U				
WG2183467-3	Laboratory Control S	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2183467-3	Laboratory Control S	S	NYTCL-8260H	SOIL	DONE	U				
WG2183467-4	LCS Duplicate	S	NYTCL-8260HLW-R2	SOIL	DACQ	U				
WG2183467-4	LCS Duplicate	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2183467-4	LCS Duplicate	S	NYTCL-8260H	SOIL	DONE	U				
WG2183467-5	Laboratory Method Bl	S	NYTCL-8260HLW-R2	SOIL	DACQ	U				
WG2183467-5	Laboratory Method Bl	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2183467-5	Laboratory Method Bl	S	NYTCL-8260H	SOIL	DONE	U				
WG2183467-6	Matrix Spike	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183467-6	Matrix Spike	S	NYTCL-8260HLW-R2	SOIL	DACQ	U				
WG2183467-6	Matrix Spike	S	NYTCL-8260H	SOIL	DACQ	U				
WG2183467-7	Matrix Spike Duplica	S	NYTCL-8260HLW-R2	SOIL	DACQ	U				
WG2183467-7	Matrix Spike Duplica	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183467-7	Matrix Spike Duplica	S	NYTCL-8260H	SOIL	DACQ	U				
WG2183467-8	MS BFB Tune Standard	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183467-8	MS BFB Tune Standard	S	NYTCL-8260HLW-R2	SOIL	DONE	U				
WG2183467-8	MS BFB Tune Standard	S	NYTCL-8260H	SOIL	DONE	U				
WG2183467-9	Continuing Calibrati	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183467-9	Continuing Calibrati	S	NYTCL-8260H	SOIL	DONE	U				
WG2183467-9	Continuing Calibrati	S	NYTCL-8260HLW-R2	SOIL	DONE	U				

Comments:

WG2183467-11	WG2183467-10
WG2183467-4	WG2183467-3
WG2183467-6	L2612196-07
WG2183467-7	L2612196-07

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Mar 11 2026, 05:41 pm

Work Group: WG2183801 for Department: 31 GC/MS - Volatiles

Created: 11-MAR-26 Due: Operator: jic

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2609879-02	RX-216 0.17-0.5	S	NYTCL-8260HLW-R2	SOIL	DONE	U	0310	0312	2F	8260SET
L2611136-09	E-2 (0-2)	S	NYTCL-8260HLW	SOIL	DONE	U	0317	0317	S0	8260SET
L2612196-01	PDI-4_48-50_20260306	S	NYTCL-8260HLW	SOIL	DONE	U	0320	0311	1C	8260SET
L2612531-12	SB-418-10.0-15.0	S	NYTCL-8260HLW-R2	SOIL	DONE	U	0323	0311	3B	8260SET
WG2183801-1	MS BFB Tune Standard	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183801-1	MS BFB Tune Standard	S	NYTCL-8260HLW-R2	SOIL	DONE	U				
WG2183801-2	Continuing Calibrati	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183801-2	Continuing Calibrati	S	NYTCL-8260HLW-R2	SOIL	DONE	U				
WG2183801-3	Laboratory Control S	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2183801-3	Laboratory Control S	S	NYTCL-8260HLW-R2	SOIL	DONE	U				
WG2183801-4	LCS Duplicate	S	NYTCL-8260HLW	SOIL	DACQ	U				
WG2183801-4	LCS Duplicate	S	NYTCL-8260HLW-R2	SOIL	DONE	U				
WG2183801-5	Laboratory Method Bl	S	NYTCL-8260HLW-R2	SOIL	DONE	U				
WG2183801-5	Laboratory Method Bl	S	NYTCL-8260HLW	SOIL	DACQ	U				

Comments:

WG2183801-4 WG2183801-3

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Mar 11 2026, 05:41 pm

Work Group: WG2183816 for Department: 31 GC/MS - Volatiles

Created: 11-MAR-26 Due: Operator: jic

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2611855-03	EP35_EL_1.0	S	NYTCL-8260HLW	SOIL	DONE	U	0319	0312	S0	8260SET
L2611855-04	EP36_EL_1.0	S	NYTCL-8260HLW	SOIL	DONE	U	0319	0312	S0	8260SET
L2612196-04	PDI-4_63-65_20260306	S	NYTCL-8260HLW	SOIL	DONE	U	0320	0311	1C	8260SET
L2612196-09	TB-01_20260306	S	NYTCL-8260HLW	SOIL	DONE	U	0320	0311	1C	8260SET
L2612531-02	SB-411-13.0-15.0	S	NYTCL-8260HLW-R2	SOIL	DONE	U	0323	0311	3B	8260SET
L2612531-04	SB-414-5.0-10.0	S	NYTCL-8260HLW-R2	SOIL	DONE	U	0323	0311	3B	8260SET
L2612531-07	SB-416-10.0-12.0	S	NYTCL-8260HLW-R2	SOIL	DONE	U	0323	0311	3B	8260SET
L2612531-10	SB-418-5.0-8.0	S	NYTCL-8260HLW-R2	SOIL	DONE	U	0323	0311	3B	8260SET
L2612531-11	SB-418-8.0-10.0	S	NYTCL-8260HLW-R2	SOIL	DONE	U	0323	0311	3B	8260SET
WG2183816-1	MS BFB Tune Standard	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183816-1	MS BFB Tune Standard	S	NYTCL-8260HLW-R2	SOIL	DONE	U				
WG2183816-2	Continuing Calibrati	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183816-2	Continuing Calibrati	S	NYTCL-8260HLW-R2	SOIL	DONE	U				
WG2183816-3	Laboratory Control S	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183816-3	Laboratory Control S	S	NYTCL-8260HLW-R2	SOIL	DACQ	U				
WG2183816-4	LCS Duplicate	S	NYTCL-8260HLW-R2	SOIL	DACQ	U				
WG2183816-4	LCS Duplicate	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183816-5	Laboratory Method Bl	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183816-5	Laboratory Method Bl	S	NYTCL-8260HLW-R2	SOIL	DACQ	U				

Comments:

WG2183816-4 WG2183816-3

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Mar 11 2026, 05:41 pm

Work Group: WG2183848 for Department: 31 GC/MS - Volatiles

Created: 11-MAR-26 Due: Operator: jic

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2612196-05	PDI-3_48-50_20260306	S	NYTCL-8260HLW	SOIL	DONE	U		0320 0311	1C	8260SET
WG2183848-1	MS BFB Tune Standard	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183848-2	Continuing Calibrati	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183848-3	Laboratory Control S	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183848-4	LCS Duplicate	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2183848-5	Laboratory Method Bl	S	NYTCL-8260HLW	SOIL	DONE	U				

Comments:

WG2183848-4 WG2183848-3

Method

Inst: VOA126 BFB: V11593 GC: 8260

nitials: JFI IS/SS V11612 Autosampler: 8260_SOIL

Date: **01/15/26** ICAL: V11625E, V11654, V11647 Concentrator: 8260

Run: **ICAL** ICV: V111634, V11636, V111637, V11638, V11635, V11643, V11626 QC:_____ Seq:_____

Vial	Data File	Sample	Comments	LOW	HIGH	obs
1	V26260115BFB1	BFB				
1	V26260115A01	BLK				
2	V26260115A02	I8260STD0.5PPB+SUFF				
3	V26260115A03	I8260STD0.5PPB+SUFF				
4	V26260115A04	I8260STD1.0PPB+SUFF				
5	V26260115A05	I8260STD1.0PPB+SUFF				
6	V26260115A06	I8260STD2.0PPB+SUFF				
7	V26260115A07	I8260STD2.0PPB+SUFF				
8	V26260115A08	I8260STD4.0PPB+SUFF				
9	V26260115A09	I8260STD20PPB+SUFF				
10	V26260115A10	I8260STD40PPB+SUFF				
11	V26260115A11	I8260STD100PPB+SUFF				
12	V26260115A12	I8260STD200PPB+SUFF				
13	V26260115A13	I8260STD300PPB+SUFF				
14	V26260115A14	BLK				
15	V26260115A15	BLK				
16	V26260115A16	BLK				
17	V26260115A17	C8260STD4.0PPB+SUFF				
18	V26260115A18	C8260STD4.0PPB+SUFF				

Inst: VOA111
Initials: JFI
Date: **01/21/26**
Run: **A**

BFB: V11648
IS/SS: V11622
ICAL: V11625E, V11654
ICV: V11634, V11636, 11537, 11538, V11635, V11643

Method
GC: 8260.M
Autosampler: 8260 SOIL
Concentrator: 8260

QC: _____ Seq: _____

Vial	Data File	Sample	Comments	LOW	HIGH	OBS
1	V11260121BFB1	BFB				
1	V11260121BFB2	BFB	Misinject			
1	V11260121BFB3	BFB	x			
1	V11260121BFB4	BFB	Misinject			
1	V11260121BFB5	BFB				
1	V11260121BFB6	BFB				
1	V11260121A01	BLK				
2	V11260121A02	BLK				
3	V11260121A03	I8260STD0.5PPB				
4	V11260121A04	I8260STD0.5PPB				
5	V11260121A05	I8260STD1.0PPB				
6	V11260121A06	I8260STD1.0PPB				
7	V11260121A07	I8260STD2.0PPB				
8	V11260121A08	I8260STD2.0PPB				
9	V11260121A09	I8260STD4.0PPB				
10	V11260121A10	I8260STD20PPB				
11	V11260121A11	I8260STD40PPB				
12	V11260121A12	I8260STD100PPB				
13	V11260121A13	I8260STD200PPB				
14	V11260121A14	I8260STD300PPB				
15	V11260121A15	BLK				
16	V11260121A16	BLK				
17	V11260121A17	BLK				
18	V11260121A18	BLK				
19	V11260121A19	C8260STD40PPB				
20	V11260121A20	C8260STD40PPB				
21	V11260121A21	BLK				
22	V11260121A22	MEOH	BLK			
23	V11260121A23	LOQ	0.5PPB			
24	V11260121A24	LOQ	0.5PPB			
25	V11260121A25	LOQ	1.0PPB			
26	V11260121A26	LOQ	1.0PPB			
27	V11260121A27	LOQ	2.0PPB			
28	V11260121A28	LOQ	2.0PPB			

Inst: VOA110 BFB: V11700 Method GC: 8260SOIL
Initials: JFI IS/SS: V11730 Autosampler: 8260SOIL
Date: **03/05/26** ICAL: V11727F,V11736 Concentrator: 8260
Run: **A** ICV: V11737, V11738, V11743, V11744, V11739, V11745 QC: Seq:

Vial	Data File	Sample	Comments	LOW	HIGH	obs
1	V10260305BFB1	BFB				
1	V10260305A01	BLK				
2	V10260305A02	BLK				
3	V10260305A03	I8260STD0.5PPB				
4	V10260305A04	I8260STD0.5PPB				
5	V10260305A05	I8260STD1.0PPB				
6	V10260305A06	I8260STD1.0PPB				
7	V10260305A07	I8260STD2.0PPB				
8	V10260305A08	I8260STD2.0PPB				
9	V10260305A09	I8260STD4.0PPB				
10	V10260305A10	I8260STD20PPB				
11	V10260305A11	I8260STD40PPB				
12	V10260305A12	I8260STD100PPB				
13	V10260305A13	I8260STD200PPB				
14	V10260305A14	I8260STD300PPB				
15	V10260305A15	BLK				
16	V10260305A16	BLK				
17	V10260305A17	BLK				
18	V10260305A18	BLK				
19	V10260305A19	C8260STD40PPB				
20	V10260305A20	C8260STD40PPB				
21	V10260305A21	BLK				
22	V10260305A22	MEOH BLK				
23	V10260305A23	LOQ 0.5PPB				
24	V10260305A24	LOQ 0.5PPB				
25	V10260305A25	LOQ 1.0PPB				
26	V10260305A26	LOQ 1.0PPB				
27	V10260305A27	LOQ 4.0PPB				
28	V10260305A28	LOQ 4.0PPB				

Inst: VOA126 BFB: V11700 Method GC: 8260
Initials: TMH IS/SS V11730 Autosampler: 8260_SOIL
Date: **03/09/26** ICAL: V11727E,V11722 Concentrator: 8260
Run: **A** QC: Seq:

WG2183398,WG2183415,WG2183848

Vial	Data File	Sample	Comments	LOW	HIGH	obs
1	V26260309BFB1	BFB		1	1	
1	V26260309A01	8260 LCS		2,3	2,3	
2	V26260309A02	8260 LCS		4	4	
3	V26260309A03	8260 LCS				
4	V26260309A04	BLK				
5	V26260309A05	MEOH BLK		5	5	
6	V26260309A06	L2612196-09,31H,5.00,5,0.100,,A	NY/H			TB
7	V26260309A07	L2612196-01,31H,5.82,5,0.100,,A,30.16,36.48,0.50	NY/H			
8	V26260309A08	L2612196-02,31,5.56,5,,C,32.43,38.24,0.25	NYHLW	WG2183398		
9	V26260309A09	L2612196-03,31,5.75,5,,B,32.56,38.56,0.25	NYHLW	WG2183398		
10	V26260309A10	L2612196-04,31,5.88,5,,B,32.48,38.61,0.25	NYHLW			
11	V26260309A11	L2612196-05D,31H,5.75,5,0.005,,A,29.47,35.72,0.50	NY/H		WG2183848	
12	V26260309A12	L2612196-06D,31H,6.06,5,0.01,,A,29.87,36.43,0.50	NY/H			
13	V26260309A13	L2612196-07D,31H,5.55,5,0.05,,A,30.04,36.09,0.50	NY/H			
14	V26260309A14	L2612196-08,31,5.81,5,,C,32.46,38.52,0.25	NYHLW	WG2183398		
15	V26260309A15	L2612313-01,31,3.72,5,,C,32.52,36.49,0.25	NYHLW	WG2183398		
16	V26260309A16	L2612313-02,31,5.56,5,,C,32.57,38.38,0.25	NYHLW	WG2183398		
17	V26260309A17	L2612196-07MS,31H,5.55,5,0.05,,A,30.04,36.09,0.50	NY/H			
18	V26260309A18	L2612196-07MSD,31H,5.55,5,0.05,,A,30.04,36.09,0.50	NY/H			
19	V26260309A19	BLK				
20	V26260309A20	BLK				
21	V26260309A21	BLK				
22	V26260309A22	L2562238-73,31,5.0,5,,B	NYHLW FB	WG2183415		
23	V26260309A23	L2562238-82,31,5,5,,A	NYHLW FB	WG2183415		
24	V26260309A24	L2562238-86,31,5,5,,A	NYHLW FB	WG2183415		
25	V26260309A25	L2562238-96,31,5,5,,A	NYHLW FB	WG2183415		
26	V26260309A26	L2562238-22,31,5,5,,B	NYHLW FB	WG2183415		
27	V26260309A27	L2562238-90,31,5,5,,A	NYHLW FB	WG2183415		
28	V26260309A28	L2562238-84,31,5,5,,B	NYHLW FB	WG2183415		
29	V26260309A29	L2562238-87,31,5,5A	NYHLW FB	WG2183415		
30	V26260309A30	L2562238-88,31,5,5,B	NYHLW FB	WG2183415		
31	V26260309A31	L2562238-94,31,5,5,A	NYHLW FB	WG2183415		
32	V26260309A32	L2562238-93,31,5,5,A	NYHLW FB	WG2183415		
33	V26260309A33	L2562238-83,31,5,5,A	NYHLW FB	WG2183415		
34	V26260309A34	L2562238-97,31,5,5,B	NYHLW FB	WG2183415		
35	V26260309A35	L2562238-81,31,5,5,B	NYHLW FB	WG2183415		
36	V26260309A36	L2562238-68,31,5,5,A	NYHLW FB	WG2183415		
37	V26260309A37	L2562238-78,31,5,5,B	NYHLW FB	WG2183415		
38	V26260309A38	L2603829-12,31,5,5,B	NYHLW FB	WG2183415		
39	V26260309A39	STD				

Inst: VOA111 BFB: V11751 Method GC: 8260.M
Initials: MNF IS/SS: V11730 Autosampler: 8260 SOIL
Date: **03/10/26** ICAL: V11727E, V11705 Concentrator: 8260
Run: **A** QC: MNF Seq: JFI

WG2183816,WG2183467

Vial	Data File	Sample	Comments	LOW	HIGH	OBS
1	V11260310BFB3	BFB		1	1	
1	V11260310A01	8260 LCS				
2	V11260310A02	8260 LCS(CCAL)		2,3	2,3	
3	V11260310A03	8260 LCS		4	4	
4	V11260310A04	BLK				
5	V11260310A05	MEOH BLK		5	5	
6	V11260310A06	L2612196-09,31,5.0,5,,C	NYHLW	WG2183816		TB
7	V11260310A07	L2611238-03,31H,5,5,0.100,,A	NY/HIGH		WG2183467	TB
8	V11260310A08	DSTD				
9	V11260310A09	L2611855-02,31,2.30,5,,B,32.28,34.83,0.25	NYHLW			
10	V11260310A10	L2611855-03,31,4.86,5,,B,32.34,37.45,0.25	NYHLW	WG2183816		
11	V11260310A11	L2611855-04,31,4.45,5,,B,32.20,36.90,0.25	NYHLW	WG2183816		
12	V11260310A12	L2612196-01,31,5.89,5,,B,32.40,38.54,0.25	NYHLW*			
13	V11260310A13	L2612196-04,31,4.92,5,,C,32.41,37.58,0.25	NYHLW*	WG2183816		
14	V11260310A14	L2612531-02,31,5.31,5,,B,32.54,38.10,0.25	NYHLW R2+10	WG2183816		
15	V11260310A15	L2612531-04,31,4.67,5,,B,32.72,37.64,0.25	NYHLW R2+10	WG2183816		
16	V11260310A16	L2612531-07,31,5.22,5,,B,32.52,37.99,0.25	NYHLW R2+10	WG2183816		
17	V11260310A17	L2612531-10,31,5.56,5,,B,32.47,38.28,0.25	NYHLW R2+10	WG2183816		
18	V11260310A18	L2612531-11,31,5.07,5,,B,32.59,37.91,0.25	NYHLW R2+10	WG2183816		
19	V11260310A19	L2612531-01,31H,7.19,5,0.100,,A,29.51,36.90,0.20	NY/H R2+10		WG2183467	
20	V11260310A20	L2612531-03,31H,8.03,5,0.100,,A,29.88,38.41,0.50	NY/H R2+10		WG2183467	
21	V11260310A21	L2612531-06,31H,9.22,5,0.100,,A,29.34,39.06,0.50	NY/H R2+10		WG2183467	
22	V11260310A22	L2612531-05D,31H,7.24,5,0.05,,A,29.57,37.31,0.50	NY/H R2+10			
23	V11260310A23	L2612531-09D,31H,6.74,5,0.01,,A,29.59,36.83,0.50	NY/H R2+10			
24	V11260310A24	L2612196-06,31H,6.06,5,0.100,,A,29.87,36.43,0.50	*NY/H		WG2183467	
25	V11260310A25	L2612196-07,31H,5.55,5,0.100,,A,30.04,36.09,0.50	*NY/H		WG2183467	
26	V11260310A26	L2612196-05D,31H,5.75,5,0.02,,A,29.47,35.72,0.50	*NY/H		WG2183467	
27	V11260310A27	L2612196-07MS,31H,5.55,5,0.100,,A,30.04,36.09,0.50	*NY/H			
28	V11260310A28	L2612196-07MSD,31H,5.55,5,0.100,,A,30.04,36.0	*NY/H			

Inst: VOA110
Initials: AJK
Date: **03/10/26**
Run: **A**

BFB: V11751
IS/SS: V11730
ICAL: V11727E,V11736

Method
GC: 8260SOIL
Autosampler: 8260SOIL
Concentrator: 8260

QC: Seq:

WG2183801,WG2183802,WG2183889,WG2183891

Vial	Data File	Sample	Comments	LOW	HIGH	obs
1	V10260310BFB1	BFB		1		
1	V10260310A01	8260 LCS		2,3		
2	V10260310A02	8260 LCS		4		
3	V10260310A03	8260 LCS				
4	V10260310A04	BLK				
5	V10260310A05	MEOH BLK		5		
6	V10260310A06	L2609879-02R,31,5.67,5,,Y	NYHLW R2+10	WG2183801		HT 03/10
7	V10260310A07	L2612252-01,31,5.65,5,,Y	NJHLW	WG2183802		
8	V10260310A08	L2612531-12,31,5.38,5,,B,32.53,38.16,0.25	NYHLW R2	WG2183801		
9	V10260310A09	L2611136-09R,31,5.58,5,,Y	NYHLW			50/50 TS
10	V10260310A10	L2611917-04,31,6.33,5,,B,33.21,40.04,0.50	MLW^	WG2183889		
11	V10260310A11	L2611917-07,31,3.84,5,,B,33.05,37.39,0.50	MLW^	WG2183889		
12	V10260310A12	L2611917-08,31,4.21,5,,B,33.16,37.87,0.50	MLW^	WG2183889		
13	V10260310A13	L2611917-06,31,7.54,5,,B,33.15,41.19,0.50	MLW^	WG2183889		
14	V10260310A14	L2611952-04,31,4.14,5,,B,35.23,39.87,0.50	MLW	WG2183889		
15	V10260310A15	L2611952-03,31,6.14,5,,B,35.33,41.97,0.50	MLW	WG2183889		
16	V10260310A16	L2611952-02,31,6.04,5,,B,35.54,42.08,0.50	MLW^	WG2183889		
17	V10260310A17	L2611952-01,31,4.82,5,,B,35.28,40.60,0.50	MLW^	WG2183889		
18	V10260310A18	L2611952-05,31,5.07,5,,C,34.92,40.49,0.50	MLW^	WG2183889		
19	V10260310A19	L2612196-01R,31,5.80,5,,C,32.67,38.72,0.25	NYHLW*	WG2183801		
20	V10260310A20	L2611855-02,31H,4.68,5,0.100,,A,29.38,34.56,0.50	NY/HIGH		WG2183891	
21	V10260310A21	L2611942-07,31H,5.26,5,0.100,,A,30.08,35.84,0.50	NY/HIGH LG		WG2183891	
22	V10260310A22	L2610298-01D,31,1.15,10,0.0001,,X	M/OIL			
23	V10260310A23	L2611687-01D,31,1.13,10,0.0005,,X	8/OIL			
24	V10260310A24	STD				

Inst: VOA111 BFB: V11751 Method GC: 8260.M
Initials: MNF IS/SS: V11730 Autosampler: 8260 SOIL
Date: **03/10/26** ICAL: V11727E, V11705 Concentrator: 8260
Run: **A** QC: MNF Seq: JFI

WG2183816,WG2183467

Vial	Data File	Sample	Comments	LOW	HIGH	OBS
1	V11260310BFB3	BFB		1	1	
1	V11260310A01	8260 LCS				
2	V11260310A02	8260 LCS(CCAL)		2,3	2,3	
3	V11260310A03	8260 LCS		4	4	
4	V11260310A04	BLK				
5	V11260310A05	MEOH BLK		5	5	
6	V11260310A06	L2612196-09,31,5.0,5,,C	NYHLW	WG2183816		TB
7	V11260310A07	L2611238-03,31H,5,5,0.100,,A	NY/HIGH		WG2183467	TB
8	V11260310A08	DSTD				
9	V11260310A09	L2611855-02,31,2.30,5,,B,32.28,34.83,0.25	NYHLW			
10	V11260310A10	L2611855-03,31,4.86,5,,B,32.34,37.45,0.25	NYHLW	WG2183816		
11	V11260310A11	L2611855-04,31,4.45,5,,B,32.20,36.90,0.25	NYHLW	WG2183816		
12	V11260310A12	L2612196-01,31,5.89,5,,B,32.40,38.54,0.25	NYHLW*			
13	V11260310A13	L2612196-04,31,4.92,5,,C,32.41,37.58,0.25	NYHLW*	WG2183816		
14	V11260310A14	L2612531-02,31,5.31,5,,B,32.54,38.10,0.25	NYHLW R2+10	WG2183816		
15	V11260310A15	L2612531-04,31,4.67,5,,B,32.72,37.64,0.25	NYHLW R2+10	WG2183816		
16	V11260310A16	L2612531-07,31,5.22,5,,B,32.52,37.99,0.25	NYHLW R2+10	WG2183816		
17	V11260310A17	L2612531-10,31,5.56,5,,B,32.47,38.28,0.25	NYHLW R2+10	WG2183816		
18	V11260310A18	L2612531-11,31,5.07,5,,B,32.59,37.91,0.25	NYHLW R2+10	WG2183816		
19	V11260310A19	L2612531-01,31H,7.19,5,0.100,,A,29.51,36.90,0.20	NY/H R2+10		WG2183467	
20	V11260310A20	L2612531-03,31H,8.03,5,0.100,,A,29.88,38.41,0.50	NY/H R2+10		WG2183467	
21	V11260310A21	L2612531-06,31H,9.22,5,0.100,,A,29.34,39.06,0.50	NY/H R2+10		WG2183467	
22	V11260310A22	L2612531-05D,31H,7.24,5,0.05,,A,29.57,37.31,0.50	NY/H R2+10			
23	V11260310A23	L2612531-09D,31H,6.74,5,0.01,,A,29.59,36.83,0.50	NY/H R2+10			
24	V11260310A24	L2612196-06,31H,6.06,5,0.100,,A,29.87,36.43,0.50	*NY/H		WG2183467	
25	V11260310A25	L2612196-07,31H,5.55,5,0.100,,A,30.04,36.09,0.50	*NY/H		WG2183467	
26	V11260310A26	L2612196-05D,31H,5.75,5,0.02,,A,29.47,35.72,0.50	*NY/H		WG2183467	
27	V11260310A27	L2612196-07MS,31H,5.55,5,0.100,,A,30.04,36.09,0.50	*NY/H			
28	V11260310A28	L2612196-07MSD,31H,5.55,5,0.100,,A,30.04,36.0	*NY/H			

Inst: VOA126 BFB: V11700 Method GC: 8260
Initials: TMH IS/SS V11730 Autosampler: 8260_SOIL
Date: **03/09/26** ICAL: V11727E,V11722 Concentrator: 8260
Run: **A** QC: Seq:

WG2183398,WG2183415,WG2183848

Vial	Data File	Sample	Comments	LOW	HIGH	obs
1	V26260309BFB1	BFB		1	1	
1	V26260309A01	8260 LCS		2,3	2,3	
2	V26260309A02	8260 LCS		4	4	
3	V26260309A03	8260 LCS				
4	V26260309A04	BLK				
5	V26260309A05	MEOH BLK		5	5	
6	V26260309A06	L2612196-09,31H,5.00,5,0.100,,A	NY/H			TB
7	V26260309A07	L2612196-01,31H,5.82,5,0.100,,A,30.16,36.48,0.50	NY/H			
8	V26260309A08	L2612196-02,31,5.56,5,,C,32.43,38.24,0.25	NYHLW	WG2183398		
9	V26260309A09	L2612196-03,31,5.75,5,,B,32.56,38.56,0.25	NYHLW	WG2183398		
10	V26260309A10	L2612196-04,31,5.88,5,,B,32.48,38.61,0.25	NYHLW			
11	V26260309A11	L2612196-05D,31H,5.75,5,0.005,,A,29.47,35.72,0.50	NY/H		WG2183848	
12	V26260309A12	L2612196-06D,31H,6.06,5,0.01,,A,29.87,36.43,0.50	NY/H			
13	V26260309A13	L2612196-07D,31H,5.55,5,0.05,,A,30.04,36.09,0.50	NY/H			
14	V26260309A14	L2612196-08,31,5.81,5,,C,32.46,38.52,0.25	NYHLW	WG2183398		
15	V26260309A15	L2612313-01,31,3.72,5,,C,32.52,36.49,0.25	NYHLW	WG2183398		
16	V26260309A16	L2612313-02,31,5.56,5,,C,32.57,38.38,0.25	NYHLW	WG2183398		
17	V26260309A17	L2612196-07MS,31H,5.55,5,0.05,,A,30.04,36.09,0.50	NY/H			
18	V26260309A18	L2612196-07MSD,31H,5.55,5,0.05,,A,30.04,36.09,0.50	NY/H			
19	V26260309A19	BLK				
20	V26260309A20	BLK				
21	V26260309A21	BLK				
22	V26260309A22	L2562238-73,31,5.0,5,,B	NYHLW FB	WG2183415		
23	V26260309A23	L2562238-82,31,5,5,,A	NYHLW FB	WG2183415		
24	V26260309A24	L2562238-86,31,5,5,,A	NYHLW FB	WG2183415		
25	V26260309A25	L2562238-96,31,5,5,,A	NYHLW FB	WG2183415		
26	V26260309A26	L2562238-22,31,5,5,,B	NYHLW FB	WG2183415		
27	V26260309A27	L2562238-90,31,5,5,,A	NYHLW FB	WG2183415		
28	V26260309A28	L2562238-84,31,5,5,,B	NYHLW FB	WG2183415		
29	V26260309A29	L2562238-87,31,5,5A	NYHLW FB	WG2183415		
30	V26260309A30	L2562238-88,31,5,5,B	NYHLW FB	WG2183415		
31	V26260309A31	L2562238-94,31,5,5,A	NYHLW FB	WG2183415		
32	V26260309A32	L2562238-93,31,5,5,A	NYHLW FB	WG2183415		
33	V26260309A33	L2562238-83,31,5,5,A	NYHLW FB	WG2183415		
34	V26260309A34	L2562238-97,31,5,5,B	NYHLW FB	WG2183415		
35	V26260309A35	L2562238-81,31,5,5,B	NYHLW FB	WG2183415		
36	V26260309A36	L2562238-68,31,5,5,A	NYHLW FB	WG2183415		
37	V26260309A37	L2562238-78,31,5,5,B	NYHLW FB	WG2183415		
38	V26260309A38	L2603829-12,31,5,5,B	NYHLW FB	WG2183415		
39	V26260309A39	STD				

Wet Chemistry

Total Solids / Percent Moisture Analysis

Results

Form 1
WETCHEM

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-01	Date Collected	: 03/06/26 10:45
Client ID	: PDI-4_48-50_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/07/26 10:28
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2182470.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 81
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	81.4	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab ID	: L2612196-02	**Date Collected**	: 03/06/26 10:50
Client ID	: PDI-4_53-55_20260306	**Date Received**	: 03/06/26
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 03/07/26 10:28
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: ROI
Lab File ID	: WG2182470.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 79
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**78.8**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab ID	: L2612196-03	**Date Collected**	: 03/06/26 10:55
Client ID	: PDI-4_58-60_20260306	**Date Received**	: 03/06/26
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 03/07/26 10:28
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: ROI
Lab File ID	: WG2182470.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 81
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**81.1**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-04	Date Collected	: 03/06/26 11:00
Client ID	: PDI-4_63-65_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/07/26 10:28
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2182470.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 80
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	80.0	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	Lab Number	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	Project Number	: 0204391-001-003-02
Lab ID	: L2612196-05	Date Collected	: 03/06/26 13:00
Client ID	: PDI-3_48-50_20260306	Date Received	: 03/06/26
Sample Location	: BROOKLYN, NY	Date Analyzed	: 03/07/26 10:28
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2182470.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 78
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	78.2	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab ID	: L2612196-06	**Date Collected**	: 03/06/26 13:05
Client ID	: PDI-3_53-55_20260306	**Date Received**	: 03/06/26
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 03/07/26 10:28
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: ROI
Lab File ID	: WG2182470.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 88
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**88.1**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab ID	: L2612196-07	**Date Collected**	: 03/06/26 13:10
Client ID	: PDI-3_58-60_20260306	**Date Received**	: 03/06/26
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 03/07/26 10:28
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: ROI
Lab File ID	: WG2182470.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 86
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Solids, Total	86.2	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab ID	: L2612196-08	**Date Collected**	: 03/06/26 13:15
Client ID	: PDI-3_63-65_20260306	**Date Received**	: 03/06/26
Sample Location	: BROOKLYN, NY	**Date Analyzed**	: 03/07/26 10:28
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: ROI
Lab File ID	: WG2182470.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 90
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Solids, Total	90.0	0.100	NA	

Form 1
WETCHEM

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Lab ID	: WG2182470-1	**Date Collected**	: 03/06/26 13:10
Client ID	: PDI-3_58-60_20260306DUP	**Date Received**	: 03/06/26
Sample Location	:	**Date Analyzed**	: 03/07/26 10:28
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: ROI
Lab File ID	: WG2182470.pdf	**Instrument ID**	: BALANCE#53
Sample Amount	:	**%Solids**	: 86
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**85.3**	**0.100**	**NA**	

Sample Raw Data

Wet Chemistry Gravimetric ELN

Printed: MAR-07-26 16:02:28

WorkGroup WG2182470
Title Solids, Total
Method SM2540G
Instrumen BALANCE#53

Temp In (C)	103	**Temp In (C)**		**Temp In (C)**		**Temp In (C)**	
Temp Out (C)	103	**Temp Out (C)**		**Temp Out (C)**		**Temp Out (C)**	
Time In	07-MAR-26 10:43	**Time In**		**Time In**		**Time In**	
Time Out	07-MAR-26 15:59	**Time Out**		**Time Out**		**Time Out**	
Location	OVEN11-A	**Location**		**Location**		**Location**	

Sample #	Analysis Date	Analyst	Tare Weight (gm)	Gross Weight (gm)	Net Weight (1) (gm)	Net Weight (2) (gm)	Net Weight (3) (gm)	Net Weight (4) (gm)	Result %	Comment
L2611968-09	07-MAR-26 10:28	ROMANY IBRAHIM	1.21	8.47	6.91				78.51	
L2611968-10	07-MAR-26 10:28	ROMANY IBRAHIM	1.19	8.41	5.04				53.32	
L2611968-11	07-MAR-26 10:28	ROMANY IBRAHIM	1.19	8.5	7.34				84.13	
L2611968-12	07-MAR-26 10:28	ROMANY IBRAHIM	1.2	8.49	6.86				77.64	
L2612196-01	07-MAR-26 10:28	ROMANY IBRAHIM	1.21	8.42	7.08				81.41	
L2612196-02	07-MAR-26 10:28	ROMANY IBRAHIM	1.2	8.42	6.89				78.81	
L2612196-03	07-MAR-26 10:28	ROMANY IBRAHIM	1.21	8.46	7.09				81.10	
L2612196-04	07-MAR-26 10:28	ROMANY IBRAHIM	1.2	8.44	6.99				79.97	
L2612196-05	07-MAR-26 10:28	ROMANY IBRAHIM	1.2	8.46	6.88				78.24	
L2612196-06	07-MAR-26 10:28	ROMANY IBRAHIM	1.22	8.43	7.57				88.07	
L2612196-07	07-MAR-26 10:28	ROMANY IBRAHIM	1.21	8.46	7.46				86.21	
L2612196-08	07-MAR-26 10:28	ROMANY IBRAHIM	1.18	8.46	7.73				89.97	
L2612252-01	07-MAR-26 10:28	ROMANY IBRAHIM	1.2	8.5	7.75				89.73	
L2612309-01	07-MAR-26 10:28	ROMANY IBRAHIM	1.2	8.43	6.62				74.97	
L2612309-02	07-MAR-26 10:28	ROMANY IBRAHIM	1.2	8.44	6.82				77.62	
L2612309-03	07-MAR-26 10:28	ROMANY IBRAHIM	1.21	8.47	6.87				77.96	
L2612309-04	07-MAR-26 10:28	ROMANY IBRAHIM	1.22	8.47	7.47				86.21	
L2612309-08	07-MAR-26 10:28	ROMANY IBRAHIM	1.21	8.49	6.8				76.79	
L2612309-12	07-MAR-26 10:28	ROMANY IBRAHIM	1.2	8.41	7.33				85.02	
L2612309-16	07-MAR-26 10:28	ROMANY IBRAHIM	1.22	8.46	6.99				79.70	
WG2182470-1	07-MAR-26 10:28	ROMANY IBRAHIM	1.23	8.43	7.37				85.28	

Quality Control

Form 6
Lab Duplicates

Client	: Haley & Aldrich	**Lab Number**	: L2612196
Project Name	: 547 CONEY ISL./50 HINCKLEY	**Project Number**	: 0204391-001-003-02
Client Sample ID	: PDI-3_58-60_20260306	**Matrix**	: SOIL
Lab Sample ID	: L2612196-07	**Analysis Date**	: 03/07/26 10:28
Dup Sample ID	: WG2182470-1	**DUP Analysis Date**	: 03/07/26 10:28

Parameter	Sample Concentration (%)	Duplicate Concentration (%)	RPD	RPD Limit
Solids, Total	86.2	85.3	1	10

ATTACHMENT D
DUSR and
Electronic Data Deliverable Submission Confirmation

Data Usability Summary Report

Project Name: 545-547 Coney Island/50 Hinckley

Description: Soil Samples

Sample Date(s): November 20 and 21, 2025 and March 6, 2026

Analytical Laboratory: Pace Analytical Services – Westborough, MA

Validation Performed by: Kristina Ilina

Validation Reviewed by: Katherine Miller

Validation Date: April 7, 2026

Table of Contents

1.	**Introduction**	**3**
2.	**Sample Delivery Group**	**4**
2.1	SAMPLE MANAGEMENT	4
2.2	CASE NARRATIVE	4
2.3	MULTIPLE SAMPLE RESULTS	4
2.4	HOLDING TIMES/PRESERVATION	5
2.5	REPORTING LIMITS AND SAMPLE DILUTIONS	5
2.6	REPORTING BASIS (WET/DRY)	5
2.7	SURROGATE RECOVERY COMPLIANCE	6
2.8	BLANK SAMPLE ANALYSIS	6
2.9	LABORATORY CONTROL SAMPLES	6
2.10	MATRIX SPIKE SAMPLES	6
2.11	DUPLICATE SAMPLE ANALYSIS	6
2.12	PRECISION AND ACCURACY	7
2.13	SYSTEM PERFORMANCE AND OVERALL ASSESSMENT	7
3.	**Explanations**	**8**
4.	**Glossary**	**10**
5.	**Abbreviations**	**11**
6.	**Qualifiers**	**12**
References		**13**

1. Introduction

H & A of New York Engineering and Geology, LLP prepared this Usability Summary Report (DUSR) to summarize the review and validation of the analytical results for the Sample Delivery Groups (SDGs) listed.

This data validation and usability assessment was performed per the guidance and requirements established by the United States Environmental Protection Agency (USEPA) using the following reference materials:

- National Functional Guidelines (NFG) for Organic Data Review.
- NYSDEC DER-10: Technical Guidance for Site Investigation and Remediation.

Data reported in this sampling event were reported to the laboratory method detection limit (MDL). Results found between the MDL and reporting limit (RL) are flagged J as estimated.

Sample data were qualified in accordance with the laboratory's standard operating procedures (SOPs). The results presented in each laboratory report were found to be compliant with the data quality objectives (DQOs) for the project and are therefore usable; any exceptions are noted in the following pages and listed below.

2. Sample Delivery Group

2.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of the following SDG numbers:

- L2574258, dated March 24, 2026;
- L2574764, dated December 12, 2025; and
- L2612196, dated March 11, 2026.

Samples were collected, preserved, and shipped following standard chain of custody (COC) protocols.

- Samples for EPA 1633, SW6010D, and SW6020B analysis were subcontracted to Mansfield Facility.

Samples were also received appropriately, identified correctly, and analyzed according to the COC. Issues noted with sample management are listed below:

- Custody seals were not used on the sample cooler(s).

Analyses were performed on the samples listed in Table 1. Method holding times information is shown in Table 2.

2.2 CASE NARRATIVE

The laboratory report case narratives included the following issues:

- L2574258-03: The acetone result should be considered estimated due to co-elution with a non-target compound.

2.3 MULTIPLE SAMPLE RESULTS

The laboratory reported multiple results for the samples listed below. The validator chose the results that best met the DQOs of the project.

Lab ID	Analysis Date/Time	Method	Analyte	Qualification
L2574764-06 L2612196-05	Various	SW8260D	1,2,4-Trimethylbenzene Ethylbenzene	The laboratory reanalyzed the sample due to concentration exceeding range of the calibration curve and/or linear range of the instrument and required dilution. The original results are marked non-reportable and the reanalysis results are accepted.
L2574764-07 L2574258-05			All analytes	
L2574258-04				The laboratory reanalyzed the sample at high level due to concentration exceeding range of the calibration curve and/or linear range of the instrument and required dilution. Some original results are marked non-reportable and some are accepted.
L2574258-01 L2574764-01				The sample was analyzed both at low and high levels. Low level analysis results are accepted and high level results are marked non-reportable.

2.4 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

2.5 REPORTING LIMITS AND SAMPLE DILUTIONS

All sample dilutions were reviewed and found to be justified. Dilution of the project samples was required to bring calibration of target analytes within calibration range, matrix interference, foaming at the time of purging, or abundance of non-target analytes.

- L2574258-11 and -12: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample. No additional qualification of the reported results is recommended.

2.6 REPORTING BASIS (WET/DRY)

Refer to Section E 1.1. Soil data in this SDG were reported on a dry-weight basis. Where reported, percent solids results were reviewed and found to be within limits.

2.7 SURROGATE RECOVERY COMPLIANCE

Refer to Section E 1.2. The percent recovery (%R) for each surrogate compound added to each project sample were determined to be within the laboratory-specified quality control (QC) limits with the exceptions listed in Table 3.

2.8 BLANK SAMPLE ANALYSIS

Refer to Section E 1.3. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred, with the exceptions listed in Table 4.

The analysis of the blank samples for field quality control had no detections, indicating that no contamination from field activities occurred, with the following exceptions:

Blank Type	Date of Blank	Analyte Detected in Blank	Concentration (µg/kg)	Qualifier	Affected Samples
TRIP BLANK_20251120	11/20/2025	Chloroform (Trichloromethane)	0.33 J	NA	None, qualified ND based on Method Blank contamination
			31 J		

Note: *µg/kg = milligrams per kilogram*

2.9 LABORATORY CONTROL SAMPLES

Refer to Section E 1.4. Compounds associated with the laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analyses associated with client samples exhibited recoveries and relative percent differences (RPDs) within the specified limits, with the exceptions listed in Table 5.

2.10 MATRIX SPIKE SAMPLES

Refer to Section E 1.5. The following samples were used for matrix spike/matrix spike duplicate (MS/MSD):

Lab Sample Number	Matrix Spike/ Matrix Spike Duplicate Sample Client ID	Method(s)
L2574258-05	PDI-1_53-55_20251120	SW8260D
L2612196-07	PDI-3_58-60_20260306	SW8260D

The MS/MSD recoveries and the RPD between the MS and MSD results were within the specified limits, with the exceptions listed below and Table 6.

2.11 DUPLICATE SAMPLE ANALYSIS

Refer to Section E 1.6. The following sample(s) were used for laboratory duplicate analysis and the RPDs were all below 20 percent (or the absolute difference rule was satisfied if detects were less than 5 times the RL).

Lab Sample Number	Laboratory Duplicate Sample Client ID	Method(s)
L2574258-05	PDI-1_53-55_20251120	SM 2540G
L2612196-07	PDI-3_58-60_20260306	

The following sample(s) were used for field duplicate analysis. RPDs were all below 50 percent for soil (or the absolute difference rule was satisfied if detects were less than 5 times the RL), with the exceptions listed in Table 7.

Primary Sample ID	Duplicate Sample ID	Method(s)
PDI-1_48-50_20251120	DUP-01_20251120	SM 2540G, EPA 8260D*

**Comparison of low- and high-level VOC results for field duplicates was not performed, as the analyses were conducted at different calibration ranges and are not comparable.*

2.12 PRECISION AND ACCURACY

Refer to Section E 1.7. Where required by the method, some measurement of analytical accuracy and precision was reported for each method with the site samples.

2.13 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the DQOs for the project and the guidelines specified by the analytical method. Based on the review of this report, the data are useable and acceptable, except for the rejected data noted in Table 8. A summary of qualifiers applied to this dataset is shown in Table 8.

3. Explanations

The following explanations include more detailed information regarding each of the sections in the DUSR above. Not all sections in the Explanations are represented:

- E 1.1 Reporting Basis (Wet/Dry)
  - Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations were made to compensate for the moisture content of the soil sample.
  - Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should be greater than or equal to 30 percent solids to be appropriately quantified.
- E 1.2 Surrogate Recovery Compliance
  - Surrogates, also known as system monitoring compounds, are compounds added to each sample prior to sample preparation to determining the efficiency of the extraction procedure by evaluating the %R of the compounds.
- E 1.3 Blank Sample Analysis
  - Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination.
  - Field blanks are prepared to identify contamination that may have been introduced during field activity. Equipment blanks are prepared to identify contamination that may have been introduced while decontaminating sampling equipment. Trip blanks are prepared when volatile analysis is requested to identify contamination that may have been introduced during transport.
- E 1.4 Laboratory Control Samples
  - The LCS/LCSD analyses are used to assess the precision and accuracy of the analytical method independent of matrix interferences.
- E 1.5 Matrix Spike Samples
  - MS/MSD data are used to assess the precision and accuracy of the analytical method and evaluate the effects of the sample matrix on the sample preparation procedures and measurement methodologies.
  - For inorganic methods, when a matrix spike recovery falls outside of the control limits and the sample result is less than four times the spike added, a post-digestion spike (PDS) is performed.
- E 1.6 Laboratory and Field Duplicate Sample Analysis
  - The laboratory duplicate sample analysis is used by the laboratory at the time of the analysis to demonstrate acceptable method precision. The RPD or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.

- The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. The RPD or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.

- E 1.7 Precision and Accuracy
  - Precision measures the reproducibility of repetitive measurements. In a laboratory environment, this will be measured by determining the RPD found between a primary and a duplicate sample. This can be an LCS/LCSD pair, a MS/MSD pair, a laboratory duplicate performed on a site sample, or a field duplicate collected and analyzed concurrently with a site sample.
  - Accuracy is a statistical measurement of the correctness of a measured value and includes components of random error (variability caused by imprecision) and systematic error. In a laboratory environment, this will be measured by determining the %R of certain spiked compounds. This can be assessed using LCS, blank spike (BS), MS, and/or surrogate recoveries.

4. Glossary

*Analyte names may be abbreviated for simplicity. Please reference the laboratory report for the full analyte name.
Not all of the following symbols, acronyms, or qualifiers occur in this document.

- Sample Types:
  - EB Equipment Blank Sample
  - FB Field Blank Sample
  - FD Field Duplicate Sample
  - N Primary Sample
  - TB Trip Blank Sample
- Units:
  - ng/kg nanograms per kilogram
  - µg/L micrograms per liter
  - µg/m3 micrograms per cubic meter
  - mg/kg milligrams per kilogram
  - mg/L milligrams per liter
  - ppbv/v parts per billion volume/volume
  - pCi/L picocuries per liter
  - pg/g picograms per gram
  - pg/L picograms per liter
- Matrices:
  - AA Ambient Air
  - GS Soil Gas
  - GW/WG Groundwater
  - IA Indoor Air
  - SE Sediment
  - SO Soil
  - SSV Sub-slab Vapor
  - ST Solid Waste
  - WQ Water Quality control matrix
  - WS Surface Water
  - WW Waste Water
- Table Footnotes:
  - NA Not applicable
  - ND Non-detect
  - NR Not reported
- Common Symbols:
  - % percent
  - < less than
  - ≤ less than or equal to
  - > greater than
  - ≥ greater than or equal to
  - = equal
  - °C degrees Celsius
  - ± plus or minus
  - ~ approximately
  - x times (multiplier)
- Fractions:
  - N Normal (method cannot be filtered)
  - D Dissolved (filtered)
  - T Total (unfiltered)

5. Abbreviations

%D	Percent Difference
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation
%v/v	Percent volume by volume
2s	2 sigma
4,4-DDT	4 4-dichlorodiphenyltrichloroethane
Abs Diff	Absolute Difference
amu	atomic mass unit
BPJ	Best Professional Judgement
BS	Blank Spike
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CCVL	Continuing Calibration Verification Low
COC	Chain of Custody
COM	Combined Isotope Calculation
Cr (VI)	Hexavalent Chromium
CRI	Collision Reaction Interface
DoD	Department of Defense
DQO	data quality objective
DUSR	Data Usability Summary Report
EIS	Extraction Internal Standard
EMPC	Estimated Maximum Possible Concentration
FBK	Field Blank Contamination
FDP	Field Duplicate
GC	Gas Chromatograph
GC/MS	Gas Chromatography/Mass Spectrometry
GPC	Gel Permeation Chromatography
H_2	Hydrogen gas
HCl	Hydrochloric Acid
ICAL	Initial Calibration
ICB	Initial Calibration Blank
ICP/MS	Inductively Coupled Plasma/Mass Spectrometry
ICV	Initial Calibration Verification
ICVL	Initial Calibration Verification Low
IPA	Isopropyl Alcohol
LC	Laboratory Control
LCS/LCSD	Laboratory Control Sample/Laboratory Control Sample Duplicate
MBK	Method Blank Contamination
MDC	Minimum Detectable Concentration
MDL	Laboratory Method Detection Limit
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NA	not applicable
ND	Non-Detect
NFG	National Functional Guidelines
NH_3	Ammonia
NYSDEC	New York State Department of Environmental Conservation
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PDS	Post-Digestion Spike
PEM	Performance Evaluation Mixture
PFAS	Per- and Polyfluoroalkyl Substances
PFBA	Perfluorobutanoic Acid
PFD	Perfluorodecalin
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctane sulfonate
PFPeA	Perfluoropentanoic Acid
QAPP	Quality Assurance Project Plan
QC	Quality Control
QSM	Quality Systems Manual
R^2	R-squared value
Ra-226	Radium-226
Ra-228	Radium-228
RESC	Resolution Check Measure
RL	Laboratory Reporting Limit
RPD	Relative Percent Difference
RRF	Relative Response Factor
RT	Retention Time
SAP	Sampling Analysis Plan
SDG	Sample Delivery Group
SIM	Selected ion monitoring
SOP	Standard Operating Procedure
SPE	Solid-Phase Extraction
SVOC	Semi-Volatile Organic Compound
TCLP	Toxicity Characteristic Leaching Procedure
TIC	Tentatively Identified Compound
TKN	Total Kjeldahl Nitrogen
TPH	Total Petroleum Hydrocarbon
TPU	Total Propagated Uncertainty
USEPA	U.S. Environmental Protection Agency
VOC	Volatile Organic Compound
WP	Work Plan

6. Qualifiers

The qualifiers below are from the USEPA NFG and the data in the DUSR may contain these qualifiers:

- Concentration (C) Qualifiers:

  U The compound was analyzed for but not detected. The associated value is either the compound quantitation limit if not detected by the analytical instrument or could be the reported or blank concentration if qualified by blank contamination. This can also be displayed as less than the associated compound quantitation limit (<RL or <MDL), or "ND".

  B The compound was found in the sample and its associated blank. Its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers:

  E The compound was quantitated above the calibration range.

  D The concentration is based on a diluted sample analysis.

- Validation Qualifiers:

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  J+ The result is an estimated quantity, but the result may be biased high.

  J- The result is an estimated quantity, but the result may be biased low.

  J/UJ as listed in exception tables J applies to detected data and UJ applies to non-detected data as reported by the laboratory.

  UJ The compound was not detected. The reported sample quantitation limit is approximate.

  NJ The analysis indicated the presence of a compound for which there is presumptive evidence to make a tentative identification; the associated numerical value is an estimated concentration only.

  R The sample results were rejected as unusable; the compound may or may not be present in the sample.

  S Result is suspect. See DUSR for details.

References

1. New York State Department of Environmental Conservation, Division of Environmental Remediation, 2010. DER-10 Technical Guidance for Site Investigation and Remediation, Appendix 2B, Guidance for Data Deliverables and the Development of Data Usability Summary Reports.
2. United States Environmental Protection Agency, 2020. National Functional Guidelines for Organic Superfund Methods Data Review. EPA-540-R-20-005. November.

Attachments:

Table 1 – Sample Management
Table 2 – Method Holding Times
Table 3 – Surrogates
Table 4 – Method Blanks
Table 5 – LCS/LCSD
Table 6 – MS/MSD
Table 7 – Field Duplicates
Table 8 – System Performance Summary

TABLES

TABLE 1

SAMPLE MANAGEMENT

545-547 CONEY ISLAND AVENUE/50 HINCKLEY PLACE

BROOKLYN, NEW YORK

Sample ID	Sample Type	Lab ID	Sample Date	Matrix	Methods
TRIP BLANK_20251120	TB	L2574258-01	11/20/2025	SQ	B
FIELD BLANK_20251120	FB	L2574258-02	11/20/2025	WQ	B
PDI-1_48-50_20251120	N	L2574258-03	11/20/2025	SO	A, B
DUP-01_20251120	FD	L2574258-04	11/20/2025	SO	A, B
PDI-1_53-55_20251120	N	L2574258-05	11/20/2025	SO	A, B
PDI-1_58-60_20251120	N	L2574258-06	11/20/2025	SO	A, B
PDI-1_63-65_20251120	N	L2574258-07	11/20/2025	SO	A, B
PDI-5_48-50_20251120	N	L2574258-10	11/20/2025	SO	A, B
PDI-5_53-55_20251120	N	L2574258-11	11/20/2025	SO	A, B
PDI-5_58-60_20251120	N	L2574258-12	11/20/2025	SO	A, B
PDI-5_63-65_20251120	N	L2574258-13	11/20/2025	SO	A, B
TRIP BLANK_20251121	TB	L2574764-01	11/21/2025	SQ	B
PDI-2_48-50_20251121	N	L2574764-02	11/21/2025	SO	A, B
PDI-2_53-55_20251121	N	L2574764-03	11/21/2025	SO	A, B
PDI-2_58-60_20251121	N	L2574764-04	11/21/2025	SO	A, B
PDI-2_63-65_20251121	N	L2574764-05	11/21/2025	SO	A, B
PDI-6_48-50_20251121	N	L2574764-06	11/21/2025	SO	A, B
PDI-6_53-55_20251121	N	L2574764-07	11/21/2025	SO	A, B
PDI-6_58-60_20251121	N	L2574764-08	11/21/2025	SO	A, B
PDI-6_63-65_20251121	N	L2574764-09	11/21/2025	SO	A, B
PDI-4_48-50_20260306	N	L2612196-01	3/6/2026	SO	A, B
PDI-4_53-55_20260306	N	L2612196-02	3/6/2026	SO	A, B
PDI-4_58-60_20260306	N	L2612196-03	3/6/2026	SO	A, B
PDI-4_63-65_20260306	N	L2612196-04	3/6/2026	SO	A, B
PDI-3_48-50_20260306	N	L2612196-05	3/6/2026	SO	A, B
PDI-3_53-55_20260306	N	L2612196-06	3/6/2026	SO	A, B
PDI-3_58-60_20260306	N	L2612196-07	3/6/2026	SO	A, B
PDI-3_63-65_20260306	N	L2612196-08	3/6/2026	SO	A, B
TB-01_20260306	TB	L2612196-09	3/6/2026	SQ	B

TABLE 2

METHOD HOLDING TIMES

545-547 CONEY ISLAND AVENUE/50 HINCKLEY PLACE

BROOKLYN, NEW YORK

Method Holding Times			
A	SM2540G	Total Solids	7 days for solid unpreserved
B	SW8260D	Volatile Organic Compounds (VOCs)	14 days for solid, preserved 14 days for solid unpreserved, 14 days for liquid, preserved 7 days for liquid unpreserved

TABLE 3
SURROGATES
545-547 CONEY ISLAND AVENUE/50 HINCKLEY PLACE
BROOKLYN, NEW YORK

SDG #	Method	Sample ID	Lab ID	Surrogate	Dilution	%R	Qualification
L2574258	SW8260D	TRIP BLANK_20251120	L2574258-01	1,2-Dichloroethane-d4	1	133%	J+/None target compounds
L2574258	SW8260D	TRIP BLANK_20251120	L2574258-01	1,2-Dichloroethane-d4	1	140%	J+/None target compounds
L2574258	SW8260D	PDI-1_48-50_20251120	L2574258-03	4-Bromofluorobenzene	1	159%	J+/None target compounds
L2574258	SW8260D	DUP-01_20251120	L2574258-04	1,2-Dichloroethane-d4	1	40%	J-/UJ target compounds
L2574258	SW8260D	DUP-01_20251120	L2574258-04	Dibromofluoromethane	1	37%	J-/UJ target compounds
L2574258	SW8260D	DUP-01_20251120	L2574258-04	Toluene-D8	1	153%	J+/None target compounds
L2574258	SW8260D	DUP-01_20251120	L2574258-04	4-Bromofluorobenzene	1	1320%	J+/None target compounds
L2574258	SW8260D	PDI-1_53-55_20251120	L2574258-05	Dibromofluoromethane	1	48%	J-/UJ target compounds
L2574258	SW8260D	PDI-1_53-55_20251120	L2574258-05	4-Bromofluorobenzene	1	339%	J+/None target compounds
L2574258	SW8260D	PDI-1_53-55_20251120	L2574258-05	4-Bromofluorobenzene	5	170%	None, dilution > 5x
L2574258	SW8260D	PDI-5_48-50_20251120	L2574258-10	4-Bromofluorobenzene	1	180%	J+/None target compounds
L2574258	SW8260D	PDI-5_53-55_20251120	L2574258-11	4-Bromofluorobenzene	1	281%	J+/None target compounds
L2574258	SW8260D	PDI-5_58-60_20251120	L2574258-12	4-Bromofluorobenzene	1	384%	J+/None target compounds
L2574764	SW8260D	PDI-2_48-50_20251121	L2574764-02	4-Bromofluorobenzene	1	198%	J+/None target compounds
L2574764	SW8260D	PDI-2_53-55_20251121	L2574764-03	4-Bromofluorobenzene	1	229%	J+/None target compounds
L2574764	SW8260D	PDI-2_58-60_20251121	L2574764-04	4-Bromofluorobenzene	1	168%	J+/None target compounds
L2574764	SW8260D	PDI-6_48-50_20251121	L2574764-06	Dibromofluoromethane	4	69%	J-/UJ target compounds
L2574764	SW8260D	PDI-6_48-50_20251121	L2574764-06	4-Bromofluorobenzene	4	168%	J+/None target compounds
L2574764	SW8260D	PDI-6_53-55_20251121	L2574764-07	1,2-Dichloroethane-d4	1	50%	J-/UJ target compounds
L2574764	SW8260D	PDI-6_53-55_20251121	L2574764-07	Dibromofluoromethane	1	19%	J-/UJ target compounds
L2574764	SW8260D	PDI-6_53-55_20251121	L2574764-07	4-Bromofluorobenzene	1	788%	J+/None target compounds
L2612196	SW8260D	PDI-3_53-55_20260306	L2612196-06	4-Bromofluorobenzene	1	135%	J+/None target compounds

TABLE 4
METHOD BLANKS
545-547 CONEY ISLAND AVENUE/50 HINCKLEY PLACE
BROOKLYN, NEW YORK

SDG	Method	Batch ID	Analyte Detected in Blank	Concentration	Unit	Qualifier	Affected Samples
L2574258	SW8260D	WG2147003	Acetone	8.4 J	ug/kg	NA	None, samples are ND
L2574258	SW8260D	WG2147004	Acetone	420 J	ug/kg	NA	None, samples are ND
L2574258	SW8260D	WG2147003	Bromomethane (Methyl Bromide)	0.82 J	ug/kg	NA	None, samples are ND
L2574258	SW8260D	WG2147004	Bromomethane (Methyl Bromide)	41 J	ug/kg	NA	None, samples are ND
L2574258	SW8260D	WG2146922	Chloroform (Trichloromethane)	0.62 J	ug/kg	NA	None, samples are ND
L2574258	SW8260D	WG2146952	Chloroform (Trichloromethane)	31 J	ug/kg	NA	None, samples are ND
L2574258	SW8260D	WG2147003	Chloroform (Trichloromethane)	1.2 J	ug/kg	RL U	TRIP BLANK_20251120, PDI-1_58-60_20251120, PDI-1_63-65_20251120, PDI-5_63-65_20251120
L2574258	SW8260D	WG2147004	Chloroform (Trichloromethane)	61 J	ug/kg	RL U	DUP-01_20251120, TRIP BLANK_20251120
L2574258	SW8260D	WG2148010	Chloroform (Trichloromethane)	28 J	ug/kg	NA	None, samples are ND
L2574258	SW8260D	WG2148464	Chloroform (Trichloromethane)	9.6 J	ug/kg	NA	None, samples are ND
L2574764	SW8260D	WG2147797	Chloroform (Trichloromethane)	0.14 J	ug/kg	NA	None, samples are ND
L2574764	SW8260D	WG2147799	Chloroform (Trichloromethane)	7.2 J	ug/kg	NA	None, samples are ND
L2612196	SW8260D	WG2183801	Chloroform (Trichloromethane)	1.4 J	ug/kg	J+	PDI-4_48-50_20260306
L2612196	SW8260D	WG2183398	Chloroform (Trichloromethane)	0.94 J	ug/kg	RL U J+	PDI-4_53-55_20260306 PDI-4_58-60_20260306
L2612196	SW8260D	WG2183848	Chloroform (Trichloromethane)	47 J	ug/kg	NA	None, samples are ND

TABLE 5
LCS/LCSD
545-547 CONEY ISLAND AVENUE/50 HINCKLEY PLACE
BROOKLYN, NEW YORK

SDG	Sample Type	Method	Batch ID	Analyte	%R/RPD	Qualifier	Affected Samples
L2574258	LCS/LCSD	SW8260D	WG2147003	1,1-Dichloroethene	63%/63%	J/UJ	TRIP BLANK_20251120, PDI-1_58-60_20251120, PDI-1_63-65_20251120, PDI-5_63-65_20251120
L2574258	LCS/LCSD	SW8260D	WG2147003	Bromomethane (Methyl Bromide)	51%/48%	J/UJ	TRIP BLANK_20251120, PDI-1_58-60_20251120, PDI-1_63-65_20251120, PDI-5_63-65_20251120
L2612196	LCS/LCSD	SW8260D	WG2183467	1,1,2-Trichloroethane	RPD=31	J/None	None, samples are ND
L2574258	LCS/LCSD	SW8260D	WG2147003	Vinyl chloride	65%/64%	J/UJ	TRIP BLANK_20251120, PDI-1_58-60_20251120, PDI-1_63-65_20251120, PDI-5_63-65_20251120
L2574258	LCS/LCSD	SW8260D	WG2147004	1,1-Dichloroethene	63%/63%	J/UJ	DUP-01_20251120, TRIP BLANK_20251120
L2574258	LCS/LCSD	SW8260D	WG2147004	Bromomethane (Methyl Bromide)	51%/48%	J/UJ	DUP-01_20251120, TRIP BLANK_20251120
L2612196	LCS/LCSD	SW8260D	WG2183816	1,1,2-Trichloroethane	RPD=31	J/None	None, samples are ND
L2574258	LCS/LCSD	SW8260D	WG2147004	Vinyl chloride	65%/64%	J/UJ	DUP-01_20251120, TRIP BLANK_20251120
L2574258	LCS/LCSD	SW8260D	WG2147438	2,2-Dichloropropane	RPD=21	J/None	None, samples are ND
L2574764	LCS	SW8260D	WG2147797	Acetone	152%	J/None	None, samples are ND
L2574764	LCS	SW8260D	WG2147799	Acetone	152%	J/None	None, samples are ND
L2574258	LCS/LCSD	SW8260D	WG2148010	Acetone	RPD=38	J/None	None, samples are ND
L2612196	LCS/LCSD	SW8260D	WG2183467	Acrylonitrile	RPD=32	J/None	None, samples are ND
L2612196	LCS/LCSD	SW8260D	WG2183816	Acrylonitrile	RPD=32	J/None	None, samples are ND
L2574764	LCS/LCSD	SW8260D	WG2147797	Bromomethane (Methyl Bromide)	170%/154%	J/None	None, samples are ND
L2574764	LCS/LCSD	SW8260D	WG2147799	Bromomethane (Methyl Bromide)	170%/154%	J/None	None, samples are ND
L2574258	LCS/LCSD	SW8260D	WG2148010	Bromomethane (Methyl Bromide)	171%/166%	J/None	None, samples are ND
L2574764	LCS/LCSD	SW8260D	WG2148015	Bromomethane (Methyl Bromide)	169%/167%	J/None	None, samples are ND
L2574764	LCS/LCSD	SW8260D	WG2148016	Bromomethane (Methyl Bromide)	169%/167%	J/None	None, samples are ND
L2612196	LCS	SW8260D	WG2183801	Dichlorodifluoromethane (CFC-12)	147%	J/None	None, samples are ND
L2574258	LCS/LCSD	SW8260D	WG2147438	n-Butylbenzene	RPD=21	J/None	None, samples are ND
L2612196	LCS/LCSD	SW8260D	WG2183467	Tetrachloroethene	RPD=33	J/None	None, samples are ND
L2612196	LCS/LCSD	SW8260D	WG2183816	Tetrachloroethene	RPD=33	J/None	None, samples are ND
L2612196	LCS/LCSD	SW8260D	WG2183467	Toluene	RPD=34	J/None	PDI-3_48-50_20260306
L2612196	LCS/LCSD	SW8260D	WG2183816	Toluene	RPD=34	J/None	None, samples are ND
L2612196	LCS/LCSD	SW8260D	WG2183467	trans-1,3-Dichloropropene	RPD=34	J/None	None, samples are ND
L2612196	LCS/LCSD	SW8260D	WG2183816	trans-1,3-Dichloropropene	RPD=34	J/None	None, samples are ND
L2612196	LCS/LCSD	SW8260D	WG2183467	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	59%, RPD=45	J/UJ	PDI-3_58-60_20260306, PDI-3_48-50_20260306, PDI-3_53-55_20260306

TABLE 5
LCS/LCSD
545-547 CONEY ISLAND AVENUE/50 HINCKLEY PLACE
BROOKLYN, NEW YORK

SDG	Sample Type	Method	Batch ID	Analyte	%R/RPD	Qualifier	Affected Samples
L2574258	LCS	SW8260D	WG2148010	Trichlorofluoromethane (CFC-11)	140%	J/None	None, samples are ND
L2574764	LCSD	SW8260D	WG2148015	Trichlorofluoromethane (CFC-11)	140%	J/None	None, samples are ND
L2574764	LCSD	SW8260D	WG2148016	Trichlorofluoromethane (CFC-11)	140%	J/None	None, samples are ND
L2574258	LCS	SW8260D	WG2147003	Vinyl acetate	131%	J/None	None, samples are ND
L2574258	LCS	SW8260D	WG2147004	Vinyl acetate	131%	J/None	None, samples are ND
L2574764	LCS	SW8260D	WG2147797	Vinyl chloride	135%	J/None	None, samples are ND
L2574764	LCS	SW8260D	WG2147799	Vinyl chloride	135%	J/None	None, samples are ND
L2612196	LCS/LCSD	SW8260D	WG2183816	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	59%, RPD=45	J/UJ	PDI-4_63-65_20260306, TB-01_20260306
L2574258	LCS	SW8260D	WG2148010	Vinyl chloride	138%	J/None	None, samples are ND
L2574764	LCS/LCSD	SW8260D	WG2148015	Vinyl chloride	137%/137%	J/None	None, samples are ND
L2574764	LCS/LCSD	SW8260D	WG2148016	Vinyl chloride	137%/137%	J/None	None, samples are ND
L2612196	LCS/LCSD	SW8260D	WG2183467	Vinyl chloride	141%/137%	J/None	None, samples are ND
L2612196	LCS/LCSD	SW8260D	WG2183816	Vinyl chloride	141%/137%	J/None	None, samples are ND

TABLE 6
MS/MSD
545-547 CONEY ISLAND AVENUE/50 HINCKLEY PLACE
BROOKLYN, NEW YORK

SDG #	Sample Type	Method	Parent Sample	Analyte	%R/RPD	Qualifier	Affected Samples
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	1,1,1,2-Tetrachloroethane	140%/139%	J/None	None, sample is ND
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	1,1,2,2-Tetrachloroethane	200%/193%	J/None	None, sample is ND
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	1,1,2-Trichloroethane	276%/1980 %, RPD=151	J/None	None, sample is ND
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	1,1-Dichloroethane	55%/57%	J/UJ	PDI-1_53-55_20251120
L2574258	MS	SW8260D	PDI-1_53-55_20251120	1,1-Dichloropropene	69%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	1,2,3-Trichloropropane	138%/134%	J/None	None, sample is ND
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	1,2,4,5-Tetramethylbenzene	47%/41%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	1,2,4-Trimethylbenzene	0%/0%	J/R	None, dilution >5x
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	1,2-Dibromoethane (Ethylene Dibromide)	148%/142%	J/None	None, sample is ND
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	1,2-Dichloroethane	58%/58%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	1,2-Dichloropropane	59%/59%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	1,3,5-Trimethylbenzene	0%/0%	J/R	None, dilution >5x
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	1,4-Dioxane	59%/56%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	2,2-Dichloropropane	64%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	2-Butanone	59%/55%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	209%/198%	J/None	None, sample is ND
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	0%/0%	J/R	None, dilution >5x
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	Acrylonitrile	60%/57%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	Benzene	63%/63%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	Bromodichloromethane	59%/58%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	Bromomethane (Methyl Bromide)	27%/29%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	Chlorobromomethane	62%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	Chloroethane	16%/17%	J/R	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	Chloroform (Trichloromethane)	57%/57%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	Chloromethane (Methyl Chloride)	49%/51%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	cis-1,2-Dichloroethene	62%/62%	J/UJ	PDI-1_53-55_20251120

TABLE 6
MS/MSD
545-547 CONEY ISLAND AVENUE/50 HINCKLEY PLACE
BROOKLYN, NEW YORK

SDG #	Sample Type	Method	Parent Sample	Analyte	%R/RPD	Qualifier	Affected Samples
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	Dibromochloromethane	140%/139%	J/None	None, sample is ND
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	cis-1,3-Dichloropropene	62%/62%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	Dibromomethane	60%/58%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	Ethyl Ether	59%/58%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	Ethylbenzene	0%	J/R	None, dilution >5x
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	Methyl Tert Butyl Ether (MTBE)	61%/60%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	Methylene chloride (Dichloromethane)	57%/57%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	Naphthalene	0%/0%	J/R	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	n-Propylbenzene	0%/0%	J/R	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	Tetrachloroethene	169%/167%	J/None	None, sample is ND
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	Toluene	135%/134%	J/None	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	trans-1,2-Dichloroethene	62%/62%	J/UJ	PDI-1_53-55_20251120
L2574258	MS	SW8260D	PDI-1_53-55_20251120	trans-1,3-Dichloropropene	133%	J/None	None, sample is ND
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	Trichlorofluoromethane (CFC-11)	27%/29%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	Vinyl acetate	57%/60%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	Vinyl chloride	41%/42%	J/UJ	PDI-1_53-55_20251120
L2574258	MS/MSD	SW8260D	PDI-1_53-55_20251120	2-Hexanone	142%	J/None	None, sample is ND
L2612196	MS/MSD	SW8260D	PDI-3_58-60_20260306	2-Butanone (Methyl Ethyl Ketone)	136%/136%	J/None	None, sample is ND
L2612196	MS/MSD	SW8260D	PDI-3_58-60_20260306	2-Hexanone (Methyl Butyl Ketone)	135%/136%	J/None	None, sample is ND
L2612196	MS/MSD	SW8260D	PDI-3_58-60_20260306	Chloromethane (Methyl Chloride)	152%/152%	J/None	None, sample is ND

TABLE 7
FIELD DUPLICATES
545-547 CONEY ISLAND AVENUE/50 HINCKLEY PLACE
BROOKLYN, NEW YORK

Method	Analyte	Primary Sample ID	Duplicate Sample ID	% RPD	Qualification
		PDI-1_48-50_20251120	DUP-01_20251120		
SW8260D	1,3,5-Trimethylbenzene	31	53	52	J/UJ, RPD>50
SW8260D	1,4-Diethylbenzene	24	81	109	J/UJ, RPD>50
SW8260D	2-Phenylbutane (sec-Butylbenzene)	14	110	155	J/UJ, RPD>50
SW8260D	4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	38	110	97	J/UJ, RPD>50
SW8260D	Cymene (p-Isopropyltoluene)	27	140	135	J/UJ, RPD>50
SW8260D	Ethylbenzene	11	ND	167	J/UJ, RPD>50
SW8260D	m,p-Xylenes	13	31	82	J/UJ, RPD>50
SW8260D	Naphthalene	23	5.4	NA	J/UJ, Abs. Diff. > RL
SW8260D	n-Butylbenzene	15	86	141	J/UJ, RPD>50
SW8260D	o-Xylene	0.6	4.4	NA	J/UJ, Abs. Diff. > RL
SW8260D	tert-Butylbenzene	2.4	29	NA	J/UJ, Abs. Diff. > RL
SW8260D	Xylene (Total)	14	35	86	J/UJ, RPD>50

TABLE 8
SYSTEM PERFORMANCE SUMMARY
545-547 CONEY ISLAND AVENUE/50 HINCKLEY PLACE
BROOKLYN, NEW YORK

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2574258	SW8260D	Dry	PDI-1_48-50_20251120	L2574258-03	Acetone	N	Yes	11	11 J	ABH
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,1,1,2-Tetrachloroethane	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,1,1-Trichloroethane	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,1,2,2-Tetrachloroethane	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,1,2-Trichloroethane	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,1-Dichloroethane	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,1-Dichloropropene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,2,3-Trichlorobenzene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,2,3-Trichloropropane	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,2,4,5-Tetramethylbenzene	N	No	440	440	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,2,4-Trichlorobenzene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,2,4-Trimethylbenzene	N	No	660	660	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,2-Dibromo-3-chloropropane (DBCP)	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,2-Dibromoethane (Ethylene Dibromide)	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,2-Dichlorobenzene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,2-Dichloroethane	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,2-Dichloroethene (total)	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,2-Dichloropropane	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,3,5-Trimethylbenzene	N	No	180	180	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,3-Dichlorobenzene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,3-Dichloropropane	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,3-Dichloropropene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,4-Dichlorobenzene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,4-Diethylbenzene	N	No	190	190	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,4-Dioxane	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	2,2-Dichloropropane	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	2-Butanone (Methyl Ethyl Ketone)	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	2-Chlorotoluene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	2-Hexanone (Methyl Butyl Ketone)	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	2-Phenylbutane (sec-Butylbenzene)	N	No	110	110	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	4-Chlorotoluene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	N	No	200	200	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Acetone	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Acrylonitrile	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Benzene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Bromobenzene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Bromodichloromethane	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Bromoform	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Carbon disulfide	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Carbon tetrachloride	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Chlorobenzene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Chlorobromomethane	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Chloroethane	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Chloromethane (Methyl Chloride)	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Cymene (p-Isopropyltoluene)	N	No	190	190	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Dibromochloromethane	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Dibromomethane	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Dichlorodifluoromethane (CFC-12)	N	No	U	U	ARA

TABLE 8
SYSTEM PERFORMANCE SUMMARY
545-547 CONEY ISLAND AVENUE/50 HINCKLEY PLACE
BROOKLYN, NEW YORK

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Ethyl Ether	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Ethylbenzene	N	No	U		ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Hexachlorobutadiene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Methyl Tert Butyl Ether (MTBE)	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Methylene chloride (Dichloromethane)	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Naphthalene	N	No	94 J	94 J	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Styrene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Tetrachloroethene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Toluene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Trichloroethene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Trichlorofluoromethane (CFC-11)	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Vinyl acetate	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Xylene (Total)	N	No	42 J	42 J	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	cis-1,2-Dichloroethene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	cis-1,3-Dichloropropene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	m,p-Xylenes	N	No	42 J	42 J	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	n-Butylbenzene	N	No	160	160	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	o-Xylene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	tert-Butylbenzene	N	No	17 J	17 J	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	trans-1,2-Dichloroethene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	trans-1,3-Dichloropropene	N	No	U	U	ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	trans-1,4-Dichloro-2-butene	N	No	U	U	ARA
L2574258	SM2540G	Dry	PDI-1_53-55_20251120	L2574258-05	Total Solids	N	No	88.4	88.4	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,1,1,2-Tetrachloroethane	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,1,1-Trichloroethane	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,1,2,2-Tetrachloroethane	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,1,2-Trichloroethane	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,1-Dichloroethene	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,2,3-Trichlorobenzene	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,2,3-Trichloropropane	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,2,4-Trichlorobenzene	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,2-Dibromo-3-chloropropane (DBCP)	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,2-Dibromoethane (Ethylene Dibromide)	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,2-Dichlorobenzene	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,2-Dichloroethene (total)	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,3-Dichlorobenzene	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,3-Dichloropropane	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,3-Dichloropropene	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,4-Dichlorobenzene	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,4-Diethylbenzene	N	No	6900	6900	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	2-Chlorotoluene	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	2-Hexanone (Methyl Butyl Ketone)	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	2-Phenylbutane (sec-Butylbenzene)	N	No	2900	2900	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	4-Chlorotoluene	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Acetone	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Bromobenzene	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Bromoform	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Carbon disulfide	N	No	U	U	ARA

TABLE 8
SYSTEM PERFORMANCE SUMMARY
545-547 CONEY ISLAND AVENUE/50 HINCKLEY PLACE
BROOKLYN, NEW YORK

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Carbon tetrachloride	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Chlorobenzene	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Cymene (p-Isopropyltoluene)	N	No	4300	4300	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Dibromochloromethane	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Dichlorodifluoromethane (CFC-12)	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Hexachlorobutadiene	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Isopropylbenzene (Cumene)	N	No	6800	6800	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Styrene	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Tetrachloroethene	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Trichloroethene	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Xylene (Total)	N	No	31000	31000	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	m,p-Xylenes	N	No	31000	31000	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	n-Butylbenzene	N	No	7400	7400	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	o-Xylene	N	No	310	310	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	tert-Butylbenzene	N	No	310	310	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	trans-1,3-Dichloropropene	N	No	U	U	ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	trans-1,4-Dichloro-2-butene	N	No	U	U	ARA
L2574764	SM2540G	Dry	PDI-6_53-55_20251121	L2574764-07	Total Solids	N	No	90.8	90.8	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,1,1,2-Tetrachloroethane	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,1,1-Trichloroethane	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,1,2,2-Tetrachloroethane	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,1,2-Trichloroethane	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,1-Dichloroethane	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,1-Dichloroethene	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,1-Dichloropropene	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,2,3-Trichlorobenzene	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,2,3-Trichloropropane	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,2,4,5-Tetramethylbenzene	N	No	230	230	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,2,4-Trichlorobenzene	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,2-Dibromo-3-chloropropane (DBCP)	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,2-Dibromoethane (Ethylene Dibromide)	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,2-Dichlorobenzene	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,2-Dichloroethane	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,2-Dichloroethene (total)	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,2-Dichloropropane	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,3-Dichlorobenzene	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,3-Dichloropropane	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,3-Dichloropropene	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,4-Dichlorobenzene	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,4-Diethylbenzene	N	No	200	200	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,4-Dioxane	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	2,2-Dichloropropane	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	2-Butanone (Methyl Ethyl Ketone)	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	2-Chlorotoluene	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	2-Hexanone (Methyl Butyl Ketone)	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	2-Phenylbutane (sec-Butylbenzene)	N	No	220	220	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	4-Chlorotoluene	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Acetone	N	No	U	U	ARA

TABLE 8
SYSTEM PERFORMANCE SUMMARY
545-547 CONEY ISLAND AVENUE/50 HINCKLEY PLACE
BROOKLYN, NEW YORK

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Acrylonitrile	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Benzene	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Bromobenzene	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Bromodichloromethane	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Bromoform	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Bromomethane (Methyl Bromide)	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Carbon disulfide	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Carbon tetrachloride	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Chlorobenzene	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Chlorobromomethane	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Chloroethane	N	No	0.65 J	0.65 J	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Chloroform (Trichloromethane)	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Chloromethane (Methyl Chloride)	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Cymene (p-Isopropyltoluene)	N	No	160	160	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Dibromochloromethane	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Dibromomethane	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Dichlorodifluoromethane (CFC-12)	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Ethyl Ether	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Hexachlorobutadiene	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Methyl Tert Butyl Ether (MTBE)	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Methylene chloride (Dichloromethane)	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Naphthalene	N	No	130	130	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Styrene	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Tetrachloroethene	N	No	0.5 J	0.5 J	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Toluene	N	No	4	4	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Trichloroethene	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Trichlorofluoromethane (CFC-11)	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Vinyl acetate	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Vinyl chloride	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Xylene (Total)	N	No	85 J	85 J	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	cis-1,2-Dichloroethene	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	cis-1,3-Dichloropropene	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	o-Xylene	N	No	7.2	7.2	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	tert-Butylbenzene	N	No	13	13	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	trans-1,2-Dichloroethene	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	trans-1,3-Dichloropropene	N	No	U	U	ARA
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	trans-1,4-Dichloro-2-butene	N	No	U	U	ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,1,1,2-Tetrachloroethane	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,1,1-Trichloroethane	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,1,2,2-Tetrachloroethane	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,1,2-Trichloroethane	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,1-Dichloroethane	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,1-Dichloropropene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,2,3-Trichlorobenzene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,2,3-Trichloropropane	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,2,4,5-Tetramethylbenzene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,2,4-Trichlorobenzene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,2,4-Trimethylbenzene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,2-Dibromo-3-chloropropane (DBCP)	N	Yes			ARA

TABLE 8
SYSTEM PERFORMANCE SUMMARY
545-547 CONEY ISLAND AVENUE/50 HINCKLEY PLACE
BROOKLYN, NEW YORK

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,2-Dibromoethane (Ethylene Dibromide)	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,2-Dichlorobenzene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,2-Dichloroethane	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,2-Dichloroethene (total)	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,2-Dichloropropane	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,3,5-Trimethylbenzene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,3-Dichlorobenzene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,3-Dichloropropane	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,3-Dichloropropene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,4-Dichlorobenzene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,4-Diethylbenzene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,4-Dioxane	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	2,2-Dichloropropane	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	2-Butanone (Methyl Ethyl Ketone)	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	2-Chlorotoluene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	2-Hexanone (Methyl Butyl Ketone)	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	2-Phenylbutane (sec-Butylbenzene)	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	4-Chlorotoluene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Acetone	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Acrylonitrile	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Benzene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Bromobenzene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Bromodichloromethane	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Bromoform	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Carbon disulfide	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Carbon tetrachloride	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Chlorobenzene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Chlorobromomethane	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Chloroethane	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Chloromethane (Methyl Chloride)	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Cymene (p-Isopropyltoluene)	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Dibromochloromethane	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Dibromomethane	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Dichlorodifluoromethane (CFC-12)	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Ethyl Ether	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Ethylbenzene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Hexachlorobutadiene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Isopropylbenzene (Cumene)	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Methyl Tert Butyl Ether (MTBE)	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Methylene chloride (Dichloromethane)	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Naphthalene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Styrene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Tetrachloroethene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Toluene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Trichloroethene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Trichlorofluoromethane (CFC-11)	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Vinyl acetate	N	Yes			ARA

TABLE 8
SYSTEM PERFORMANCE SUMMARY
545-547 CONEY ISLAND AVENUE/50 HINCKLEY PLACE
BROOKLYN, NEW YORK

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Xylene (Total)	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	cis-1,2-Dichloroethene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	cis-1,3-Dichloropropene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	m,p-Xylenes	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	n-Butylbenzene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	n-Propylbenzene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	o-Xylene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	tert-Butylbenzene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	trans-1,2-Dichloroethene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	trans-1,3-Dichloropropene	N	Yes			ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	trans-1,4-Dichloro-2-butene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,1,1,2-Tetrachloroethane	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,1,1-Trichloroethane	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,1,2,2-Tetrachloroethane	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,1,2-Trichloroethane	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,1-Dichloroethane	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,1-Dichloroethene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,1-Dichloropropene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,2,3-Trichlorobenzene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,2,3-Trichloropropane	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,2,4,5-Tetramethylbenzene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,2,4-Trichlorobenzene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,2,4-Trimethylbenzene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,2-Dibromo-3-chloropropane (DBCP)	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,2-Dibromoethane (Ethylene Dibromide)	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,2-Dichlorobenzene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,2-Dichloroethane	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,2-Dichloroethene (total)	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,2-Dichloropropane	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,3,5-Trimethylbenzene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,3-Dichlorobenzene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,3-Dichloropropane	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,3-Dichloropropene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,4-Dichlorobenzene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,4-Diethylbenzene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	1,4-Dioxane	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	2,2-Dichloropropane	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	2-Butanone (Methyl Ethyl Ketone)	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	2-Chlorotoluene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	2-Hexanone (Methyl Butyl Ketone)	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	2-Phenylbutane (sec-Butylbenzene)	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	4-Chlorotoluene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Acetone	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Acrylonitrile	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Benzene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Bromobenzene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Bromodichloromethane	N	Yes			ARA

TABLE 8
SYSTEM PERFORMANCE SUMMARY
545-547 CONEY ISLAND AVENUE/50 HINCKLEY PLACE
BROOKLYN, NEW YORK

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Bromoform	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Bromomethane (Methyl Bromide)	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Carbon disulfide	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Carbon tetrachloride	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Chlorobenzene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Chlorobromomethane	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Chloroethane	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Chloroform (Trichloromethane)	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Chloromethane (Methyl Chloride)	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Cymene (p-Isopropyltoluene)	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Dibromochloromethane	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Dibromomethane	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Dichlorodifluoromethane (CFC-12)	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Ethyl Ether	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Ethylbenzene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Hexachlorobutadiene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Isopropylbenzene (Cumene)	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Methyl Tert Butyl Ether (MTBE)	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Methylene chloride (Dichloromethane)	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Naphthalene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Styrene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Tetrachloroethene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Toluene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Trichloroethene	N	Yes			ARA

TABLE 8
SYSTEM PERFORMANCE SUMMARY
545-547 CONEY ISLAND AVENUE/50 HINCKLEY PLACE
BROOKLYN, NEW YORK

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Trichlorofluoromethane (CFC-11)	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Vinyl acetate	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Vinyl chloride	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	Xylene (Total)	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	cis-1,2-Dichloroethene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	cis-1,3-Dichloropropene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	m,p-Xylenes	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	n-Butylbenzene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	n-Propylbenzene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	o-Xylene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	tert-Butylbenzene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	trans-1,2-Dichloroethene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	trans-1,3-Dichloropropene	N	Yes			ARA
L2574764	SW8260D	Wet	TRIP BLANK_20251121	L2574764-01	trans-1,4-Dichloro-2-butene	N	Yes			ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Isopropylbenzene (Cumene)	N	No	310	310	EXE
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	n-Propylbenzene	N	No	520	520	EXE
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,2,4-Trimethylbenzene	N	No	130000	130000	EXE
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,2,4-Trimethylbenzene	N	No	47000	47000	EXE
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,3,5-Trimethylbenzene	N	No	23000	23000	EXE
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	N	No	28000	28000	EXE
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Ethylbenzene	N	No	31000	31000	EXE
L2612196	SW8260D	Dry	PDI-3_48-50_20260306	L2612196-05	1,2,4-Trimethylbenzene	N	No	110000	110000	EXE
L2574764	SW8260D	Dry	PDI-6_48-50_20251121	L2574764-06	1,2,4-Trimethylbenzene	N	No	160000	160000	EXE
L2574764	SW8260D	Dry	PDI-6_48-50_20251121	L2574764-06	Ethylbenzene	N	No	86000	86000	EXE
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,2,4-Trimethylbenzene	N	No	2800	2800	EXE
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	1,3,5-Trimethylbenzene	N	No	1800	1800	EXE
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	N	No	1900	1900	EXE
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Ethylbenzene	N	No	1700	1700	EXE
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	Isopropylbenzene (Cumene)	N	No	690	690	EXE
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	m,p-Xylenes	N	No	2700	2700	EXE
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	n-Butylbenzene	N	No	310	310	EXE
L2574764	SW8260D	Dry	PDI-6_53-55_20251121	L2574764-07	n-Propylbenzene	N	No	1600	1600	EXE
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,3,5-Trimethylbenzene	N	Yes	53	53 J	FDP
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,4-Diethylbenzene	N	Yes	81	81 J	FDP
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	2-Phenylbutane (sec-Butylbenzene)	N	Yes	110	110 J	FDP
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	N	Yes	110	110 J	FDP
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Cymene (p-Isopropyltoluene)	N	Yes	140	140 J	FDP
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Naphthalene	N	Yes	5.4	5.4 J	FDP
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Xylene (Total)	N	Yes	35	35 J	FDP
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	m,p-Xylenes	N	Yes	31	31 J	FDP
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	n-Butylbenzene	N	Yes	86	86 J	FDP
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	o-Xylene	N	Yes	4.4	4.4 J	FDP
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	tert-Butylbenzene	N	Yes	29	29 J	FDP
L2574258	SW8260D	Dry	PDI-1_48-50_20251120	L2574258-03	1,3,5-Trimethylbenzene	N	Yes	31	31 J	FDP
L2574258	SW8260D	Dry	PDI-1_48-50_20251120	L2574258-03	1,4-Diethylbenzene	N	Yes	24	24 J	FDP
L2574258	SW8260D	Dry	PDI-1_48-50_20251120	L2574258-03	2-Phenylbutane (sec-Butylbenzene)	N	Yes	14	14 J	FDP
L2574258	SW8260D	Dry	PDI-1_48-50_20251120	L2574258-03	4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	N	Yes	38	38 J	FDP
L2574258	SW8260D	Dry	PDI-1_48-50_20251120	L2574258-03	Cymene (p-Isopropyltoluene)	N	Yes	27	27 J	FDP
L2574258	SW8260D	Dry	PDI-1_48-50_20251120	L2574258-03	Naphthalene	N	Yes	23	23 J	FDP

TABLE 8
SYSTEM PERFORMANCE SUMMARY
545-547 CONEY ISLAND AVENUE/50 HINCKLEY PLACE
BROOKLYN, NEW YORK

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2574258	SW8260D	Dry	PDI-1_48-50_20251120	L2574258-03	Xylene (Total)	N	Yes	14 J	14 J	FDP
L2574258	SW8260D	Dry	PDI-1_48-50_20251120	L2574258-03	m,p-Xylenes	N	Yes	13	13 J	FDP
L2574258	SW8260D	Dry	PDI-1_48-50_20251120	L2574258-03	n-Butylbenzene	N	Yes	15	15 J	FDP
L2574258	SW8260D	Dry	PDI-1_48-50_20251120	L2574258-03	o-Xylene	N	Yes	0.6 J	0.6 J	FDP
L2574258	SW8260D	Dry	PDI-1_48-50_20251120	L2574258-03	tert-Butylbenzene	N	Yes	2.4	2.4 J	FDP
L2574258	SW8260D	Dry	PDI-1_58-60_20251120	L2574258-06	1,1-Dichloroethene	N	Yes	U	UJ	LCS
L2574258	SW8260D	Dry	PDI-1_58-60_20251120	L2574258-06	Bromomethane (Methyl Bromide)	N	Yes	U	UJ	LCS
L2574258	SW8260D	Dry	PDI-1_58-60_20251120	L2574258-06	Vinyl chloride	N	Yes	U	UJ	LCS
L2574258	SW8260D	Dry	PDI-1_63-65_20251120	L2574258-07	1,1-Dichloroethene	N	Yes	U	UJ	LCS
L2574258	SW8260D	Dry	PDI-1_63-65_20251120	L2574258-07	Bromomethane (Methyl Bromide)	N	Yes	U	UJ	LCS
L2574258	SW8260D	Dry	PDI-1_63-65_20251120	L2574258-07	Vinyl chloride	N	Yes	U	UJ	LCS
L2612196	SW8260D	Dry	PDI-3_48-50_20260306	L2612196-05	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	Yes	U	UJ	LCS
L2612196	SW8260D	Dry	PDI-3_48-50_20260306	L2612196-05	Toluene	N	Yes	330 J	330 J	LCS
L2612196	SW8260D	Dry	PDI-3_53-55_20260306	L2612196-06	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	Yes	U	UJ	LCS
L2612196	SW8260D	Dry	PDI-3_58-60_20260306	L2612196-07	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	Yes	U	UJ	LCS
L2612196	SW8260D	Dry	PDI-4_63-65_20260306	L2612196-04	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	Yes	U	UJ	LCS
L2574258	SW8260D	Dry	PDI-5_63-65_20251120	L2574258-13	1,1-Dichloroethene	N	Yes	U	UJ	LCS
L2574258	SW8260D	Dry	PDI-5_63-65_20251120	L2574258-13	Bromomethane (Methyl Bromide)	N	Yes	U	UJ	LCS
L2574258	SW8260D	Dry	PDI-5_63-65_20251120	L2574258-13	Vinyl chloride	N	Yes	U	UJ	LCS
L2612196	SW8260D	Wet	TB-01_20260306	L2612196-09	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	Yes	U	UJ	LCS
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,1-Dichloroethene	N	Yes	U	UJ	LCS
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Bromomethane (Methyl Bromide)	N	Yes	U	UJ	LCS
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Vinyl chloride	N	Yes	U	UJ	LCS
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	1,1-Dichloroethene	N	No	U	UJ	LCS,ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Bromomethane (Methyl Bromide)	N	No	U	UJ	LCS,ARA
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Vinyl chloride	N	No	U	UJ	LCS,ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	1,1-Dichloroethene	N	Yes			LCS,ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Bromomethane (Methyl Bromide)	N	Yes			LCS,ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Vinyl chloride	N	Yes			LCS,ARA
L2574258	SW8260D	Dry	PDI-1_58-60_20251120	L2574258-06	Chloroform (Trichloromethane)	N	Yes	0.49 J	1.5 U	MBK
L2574258	SW8260D	Dry	PDI-1_63-65_20251120	L2574258-07	Chloroform (Trichloromethane)	N	Yes	0.45 J	1.5 U	MBK
L2612196	SW8260D	Dry	PDI-4_48-50_20260306	L2612196-01	Chloroform (Trichloromethane)	N	Yes	1.6	1.6 J+	MBK
L2612196	SW8260D	Dry	PDI-4_53-55_20260306	L2612196-02	Chloroform (Trichloromethane)	N	Yes	1.5 J	1.7 U	MBK
L2612196	SW8260D	Dry	PDI-4_58-60_20260306	L2612196-03	Chloroform (Trichloromethane)	N	Yes	4.2	4.2 J+	MBK
L2574258	SW8260D	Dry	PDI-5_63-65_20251120	L2574258-13	Chloroform (Trichloromethane)	N	Yes	0.33 J	1.7 U	MBK
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Chloroform (Trichloromethane)	N	Yes	0.33 J	1.5 U	MBK
L2574258	SW8260D	Dry	DUP-01_20251120	L2574258-04	Chloroform (Trichloromethane)	N	No	34 J	86.0 U	MBK,ARA
L2574258	SW8260D	Wet	TRIP BLANK_20251120	L2574258-01	Chloroform (Trichloromethane)	N	Yes			MBK,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,1-Dichloroethane	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,1-Dichloropropene	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,2,4,5-Tetramethylbenzene	N	No	15000	15000 J	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,2-Dichloroethane	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,2-Dichloropropane	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	1,4-Dioxane	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	2,2-Dichloropropane	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	2-Butanone (Methyl Ethyl Ketone)	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Acrylonitrile	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Benzene	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Bromodichloromethane	N	No	U	UJ	MSD,ARA

TABLE 8
SYSTEM PERFORMANCE SUMMARY
545-547 CONEY ISLAND AVENUE/50 HINCKLEY PLACE
BROOKLYN, NEW YORK

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Bromomethane (Methyl Bromide)	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Chlorobromomethane	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Chloroethane	N	No	U	R	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Chloroform (Trichloromethane)	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Chloromethane (Methyl Chloride)	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Dibromomethane	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Ethyl Ether	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Methyl Tert Butyl Ether (MTBE)	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Methylene chloride (Dichloromethane)	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Naphthalene	N	No	17000	17000 J	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Toluene	N	No	50 J	50 J	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Trichlorofluoromethane (CFC-11)	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Vinyl acetate	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	Vinyl chloride	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	cis-1,2-Dichloroethene	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	cis-1,3-Dichloropropene	N	No	U	UJ	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	n-Propylbenzene	N	No	16000	16000 J	MSD,ARA
L2574258	SW8260D	Dry	PDI-1_53-55_20251120	L2574258-05	trans-1,2-Dichloroethene	N	No	U	UJ	MSD,ARA

Notes:
ABH = Analyte present; quantitation may be biased high due to presence of co-eluting target analyte(s).
MBK = Method blank contamination.
EXE = Result exceeds the calibration range.
FDP = Field duplicate qualifier due to an exceedance of the specified limits.
MSD = Matrix spike/matrix spike duplicate percent recoveries or relative percent difference were outside the specified limits.
LCS = Laboratory control/laboratory control spike duplicate percent recoveries or relative percent difference were outside the specified limits.
ARA = Another more viable result is available, whether due to dilution, resampling, etc.
J = Estimated concentration.
J+ = The result is an estimated quantity, but the result may be biased high.
R = The sample results were rejected as unusable; the compound may or may not be present in the sample.
U = The compound was analyzed for but not detected.
UJ = The compound was not detected. The reported sample quantitation limit is approximate.
This table was automatically generated from the Haley & Aldrich database and may contain trailing zeroes.

From: NYENVDATA@dec.ny.gov
To: Colby-George, Binks
Subject: Successfully loaded EDD (20260416 1745.C224407.NYSDEC_v5_MERGE.zip)
Date: Thursday, April 16, 2026 6:14:13 PM
Attachments: 20260416 1745.C224407.NYSDEC_v5_MERGE.Commit.zip

---

External Sender: Use extra caution with links and actions.

Data from '20260416 1745.C224407.NYSDEC_v5_MERGE.zip' has been successfully loaded into the database.

ATTACHMENT E
Safety Data Sheets for Amendment

71-19 80th St., suite 8202, Glendale, NY 11385 • Phone: 718-894-0700 • 800-892-2578 • www.independentchemical.com

09/29/2017

SAFETY DATA SHEET

1. Identification

Product identifier **Sodium Hydroxide Solution 10-30%**

Other means of identification

Synonyms Caustic Soda, Caustic, Alkali, Lye, Caustic lye, Caustic Soda Liquid, Soda Lye, Liquid Caustic, Sodium Hydrate.

Recommended use Pulping and Bleaching, pH neutralizer, Detergent, Soaps.

Recommended restrictions None known.

Emergency phone number CHEMTREC
US: 1-800-424-9300

2. Hazard(s) identification

Physical hazards	Corrosive to metals	Category 1
Health hazards	Acute toxicity, oral	Category 4
	Skin corrosion/irritation	Category 1
	Serious eye damage/eye irritation	Category 1

OSHA defined hazards Not classified.

Label elements

Signal word Danger

Hazard statement May be corrosive to metals. Harmful if swallowed. Causes severe skin burns and eye damage.

Precautionary statement

Prevention Keep only in original container. Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke when using this product. Do not breathe mist or vapor. Wash thoroughly after handling.

Response If swallowed: Rinse mouth. Do NOT induce vomiting. If inhaled: Remove person to fresh air and keep comfortable for breathing. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor/. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

Storage Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) Not classified.

Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 3

Supplemental information

Hazard statement Harmful to aquatic life.

Precautionary statement

Prevention Avoid release to the environment.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Sodium hydroxide	1310-73-2	10-30

4. First-aid measures

Inhalation Move to fresh air. If breathing is difficult, give oxygen. If breathing stops, provide artificial respiration. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician or poison control center immediately.

Skin contact Take off immediately all contaminated clothing. Wash off IMMEDIATELY with plenty of water for at least 15-20 minutes. Get medical attention immediately! Wash clothing separately before reuse. Destroy or thoroughly clean contaminated shoes.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.

Ingestion Call a physician or poison control center immediately. Do not induce vomiting. Immediately rinse mouth and drink plenty of water. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Never give anything by mouth to an unconscious person. Do not use mouth-to-mouth method if victim ingested the substance.

Most important symptoms/effects, acute and delayed Burning pain and severe corrosive skin damage. Permanent eye damage including blindness could result. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Shortness of breath.

Indication of immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically. Symptoms may be delayed. Keep victim under observation.

General information In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Use extinguishing agent suitable for type of surrounding fire.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire. Do not use halogenated extinguishing agents.

Specific hazards arising from the chemical The product itself does not burn. May decompose upon heating to produce corrosive and/or toxic fumes. Contact with metal may release flammable hydrogen gas.

Special protective equipment and precautions for firefighters Fire fighters should enter the area only if they are protected from all contact with the material. Full protective clothing, including self-contained breathing apparatus, coat, pants, gloves, boots and bands around legs, arms, and waist, should be worn. No skin surface should be exposed.

Fire-fighting equipment/instructions In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Following product recovery, flush area with water.

Small Spills: Absorb spill with vermiculite or other inert material. Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use. For waste disposal, see Section 13 of the SDS.

Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Use caution when combining with water; DO NOT add water to caustic; ALWAYS add caustic to water while stirring to minimize heat generation. Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Do not breathe mist or vapor. Use only with adequate ventilation. Wear appropriate personal protective equipment. Transfer and storage systems should be compatible and corrosion resistant. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store in a cool, dry, well-ventilated place. Store in corrosive resistant container with a resistant inner liner. Store away from incompatible materials (See Section 10).

Store at temperatures not exceeding 40°C/104°F. Compatible storage materials may include, but not be limited to, the following: nickel and nickel alloys, steel, plastics, plastic or rubber-lined steel, FRP, or Derakane vinyl ester resin. Do not allow material to freeze.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Sodium hydroxide (CAS 1310-73-2)	PEL	2 mg/m3

US. ACGIH Threshold Limit Values

Components	Type	Value
Sodium hydroxide (CAS 1310-73-2)	Ceiling	2 mg/m3

US NIOSH Pocket Guide to Chemical Hazards: Ceiling Limit Value and Time Period (if specified)

Components	Type	Value
Sodium hydroxide (CAS 1310-73-2)	Ceiling	2 mg/m3

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection	Wear chemical goggles and face shield.
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves.
Other	Wear appropriate chemical resistant clothing.
Respiratory protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Respirator type: Chemical respirator with organic vapor cartridge and full facepiece.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance	Viscous liquid.
Physical state	Liquid.
Form	Liquid.
Color	Water white.
Odor	Odorless.
Odor threshold	Not available.
pH	14 (77°F (25°C)) (0.5% solution)
Melting point/freezing point	35 °F (1.67 °C) (30% solution)
Initial boiling point and boiling range	235 °F (112.78 °C) (30% solution)
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	23.76 mm Hg (approximately) (77 °F (25 °C))
Vapor density	Not available.
Relative density	1.33 (30% solution)
Relative density temperature	68 °F (20 °C)
Solubility(ies)	Completely miscible with water.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	

Density	1.33 g/cm3 (68 °F (20 °C)) (30% solution)
Molecular formula	NaOH

10. Stability and reactivity

Reactivity	Contact with metal may release flammable hydrogen gas.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Reacts violently with strong acids. This product may react with oxidizing agents. Do not mix with other chemicals. Corrosive to aluminum, tin, zinc, copper and most alloys in which they are present including brass and bronze. Corrosive to steels at elevated temperatures above 40°C (104°F).
Incompatible materials	Oxidizing agents. Acids. Phosphorus. Aluminum. Zinc. Tin. Initiates or catalyzes violent polymerization of acetaldehyde, acrolein or acrylonitrile.
Hazardous decomposition products	Contact with metals (aluminum, zinc, tin) and sodium tetrahydroborate liberates hydrogen gas.

11. Toxicological information

Information on likely routes of exposure

Ingestion	Causes digestive tract burns. Harmful if swallowed.
Inhalation	May cause irritation to the respiratory system.
Skin contact	Causes severe skin burns.
Eye contact	Causes severe eye burns. Causes serious eye damage.

Symptoms related to the physical, chemical and toxicological characteristics	Burning pain and severe corrosive skin damage. Permanent eye damage including blindness could result.

Information on toxicological effects		**Test Results**
Acute toxicity	Harmful if swallowed.	
Product	**Species**	
Sodium Hydroxide Solution 10-30%		
Acute		> 2 g/kg
Dermal		
LD50	Rabbit	300 - 500 mg/kg
Oral		
LD50	Rat	40 mg/kg, Intraperitoneal
Other		
LD50	Mouse	

Skin corrosion/irritation	Causes severe skin burns and eye damage. Standard Draize Test: 500 mg/24 hour(s) skin - rabbit severe.
Serious eye damage/eye irritation	Causes severe eye burns. Causes serious eye damage. Standard Draize Test: 400 µg eyes - rabbit mild; 1 percent eyes - rabbit severe.
Respiratory sensitization	No data available.
Skin sensitization	No data available.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity	No data available.
Specific target organ toxicity - single exposure	Not available.
Specific target organ toxicity - repeated exposure	Not available.
Aspiration hazard	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Chronic effects	Prolonged exposure may cause chronic effects.

12. Ecological information

Ecotoxicity Harmful to aquatic life.

Product		Species	Test Results
Sodium Hydroxide Solution 10-30%			
Aquatic			
Acute			
Fish	LC50	Bluegill (Lepomis macrochirus)	99 mg/l, 48 hours
		Mosquitofish (Gambusia affinis affinis)	125 mg/l, 96 hours

Persistence and degradability	Expected to degrade rapidly in air.
Bioaccumulative potential	The product is not expected to bioaccumulate.
Mobility in soil	Not available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

UN number	UN1824
UN proper shipping name	Sodium hydroxide solution
Transport hazard class(es)	8
Subsidiary class(es)	-
Packing group	II
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

Special provisions	B2, IB2, N34, T7, TP2
Packaging exceptions	154
Packaging non bulk	202
Packaging bulk	242

IATA

UN number	UN1824
UN proper shipping name	Sodium hydroxide solution
Transport hazard class(es)	8
Subsidiary class(es)	-
Packaging group	II
Environmental hazards	No
Labels required	8
ERG Code	8L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number	UN1824
UN proper shipping name	SODIUM HYDROXIDE SOLUTION
Transport hazard class(es)	8
Subsidiary class(es)	-
Packaging group	II
Environmental hazards	
Marine pollutant	No
Labels required	8
EmS	F-A, S-B
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Sodium hydroxide (CAS 1310-73-2) LISTED

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - Yes

SARA 302 Extremely hazardous substance	No
SARA 311/312 Hazardous chemical	Yes

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)	Not regulated.
Food and Drug Administration (FDA)	Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Sodium hydroxide (CAS 1310-73-2)

US. New Jersey Worker and Community Right-to-Know Act

Not regulated.

US. Pennsylvania RTK - Hazardous Substances

Sodium hydroxide (CAS 1310-73-2)

US. Rhode Island RTK

Sodium hydroxide (CAS 1310-73-2)

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

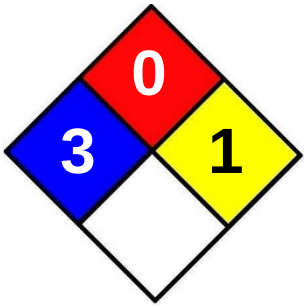
International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

NFPA Ratings



List of abbreviations

LD50: Lethal Dose, 50%.
LC50: Lethal Concentration, 50%.
EC50: Effective concentration, 50%.
TWA: Time weighted average.

References

EPA: AQUIRE database
HSDB® - Hazardous Substances Data Bank
US. IARC Monographs on Occupational Exposures to Chemical Agents
IARC Monographs. Overall Evaluation of Carcinogenicity
ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices

Disclaimer

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

Preparation

Date: 09/29/2017

SAFETY DATA SHEET
Klozur® Persulfate

SDS # : 7775-27-1-12
Revision date: 2015-07-07
Format: NA
Version 1.01

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Klozur® Persulfate

Other means of identification

CAS-No 7775-27-1
Synonyms Sodium Peroxydisulfate; Disodium Peroxydisulfate; Peroxydisulfuric acid, disodium salt; Peroxydisulfuric acid, sodium salt

Recommended use of the chemical and restrictions on use

Recommended Use: In situ and ex situ chemical oxidation of contaminants and compounds of concern for environmental remediation applications

Restrictions on Use: No uses to be advised against were identified.

Manufacturer Address

PeroxyChem LLC
2005 Market Street
Suite 3200
Philadelphia, PA 19103
267/422-2400 (General Information)
sdsinfo@peroxychem.com (E-Mail General Information)

Manufacturer/Supplier

PeroxyChem LLC
2005 Market Street
Suite 3200
Philadelphia, PA 19103
Phone: +1 267/ 422-2400 (General Information)
E-Mail: sdsinfo@peroxychem.com

Emergency telephone number

For leak, fire, spill or accident emergencies, call:
1 800 / 424 9300 (CHEMTREC - U.S.A.)
1 703 / 527 3887 (CHEMTREC - Collect - All Other Countries)
1 303/ 389-1409 (Medical - U.S. - Call Collect)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status
This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2

Serious eye damage/eye irritation	Category 2B
Respiratory sensitization	Category 1
Skin sensitization	Category 1
Specific target organ toxicity (single exposure)	Category 3
Oxidizing Solids	Category 3

GHS Label elements, including precautionary statements

EMERGENCY OVERVIEW

Danger

Hazard Statements
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335 - May cause respiratory irritation
H320 - Causes eye irritation
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H302 - Harmful if swallowed
H272 - May intensify fire; oxidizer

Precautionary Statements - Prevention
P261 - Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray
P285 - In case of inadequate ventilation wear respiratory protection
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective gloves/ protective clothing
P264 - Wash face, hands and any exposed skin thoroughly after handling
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
P220 - Keep/Store away from clothing/combustible materials
P221 - Take any precaution to avoid mixing with combustibles

Precautionary Statements - Response
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 - If eye irritation persists: Get medical advice/ attention
P302 + P352 - IF ON SKIN: Wash with plenty of water.
P333 + P313 - If skin irritation or rash occurs: Get medical advice/ attention
P304 + P341 - IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing
P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor
P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell
P330 - Rinse mouth
P370 + P378 - In case of fire: Use water for extinction

Precautionary Statements - Storage
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

Hazards not otherwise classified (HNOC)
No hazards not otherwise classified were identified.

Other Information Risk of decomposition by heat or by contact with incompatible materials

Unknown acute toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula Na2O8S2 and $Na_2S_2O_8$

Chemical name	CAS-No	Weight %
Sodium Persulfate	7775-27-1	> 99

Synonyms are provided in Section 1.

4. FIRST AID MEASURES

General Advice Remove from exposure, lie down. Show this material safety data sheet to the doctor in attendance.

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids intermittently. Consult a physician. If symptoms persist, call a physician.

Skin Contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists.

Inhalation Remove from exposure, lie down. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.

Ingestion Do NOT induce vomiting. Call a physician or poison control center immediately. Rinse mouth. Drink 1 or 2 glasses of water.

Most important symptoms and effects, both acute and delayed Itching; Redness; Coughing and/ or wheezing.

Indication of immediate medical attention and special treatment needed, if necessary Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Water. Cool containers with flooding quantities of water until well after fire is out.

Unsuitable extinguishing media Do not use carbon dioxide or other gas filled fire extinguishers; they will have little effect on decomposing persulfate.

Specific Hazards Arising from the Chemical Decomposes under fire conditions to release oxygen that intensifies the fire.

Explosion data
Sensitivity to Mechanical Impact Not sensitive.
Sensitivity to Static Discharge Not sensitive.

Protective equipment and precautions for firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Keep off any unprotected persons. Avoid contact with the skin and the eyes. Avoid breathing dust. Wear personal protective equipment.

Other Never add other substances or combustible waste to product residues.

Environmental Precautions Prevent material from entering into soil, ditches, sewers, waterways, and/or groundwater. See Section 12, Ecological Information for more detailed information.

Methods for Containment Vacuum, shovel or pump waste into a drum and label contents for disposal. Avoid dust formation. Store in closed container.

Methods for cleaning up Clean up spill area and treat as special waste. Dispose of waste as indicated in Section 13.

7. HANDLING AND STORAGE

Handling Wear personal protective equipment. Use only in area provided with appropriate exhaust ventilation. Avoid dust formation. Handle product only in closed system or provide appropriate exhaust ventilation at machinery. Avoid contact with skin and eyes. Avoid breathing dust. Remove and wash contaminated clothing before re-use. Reference to other sections.

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Do not store near combustible materials. Avoid contamination of opened product. Keep away from food, drink and animal feedingstuffs. Avoid formation and deposition of dust.

Incompatible products Acids, alkalis, halides (fluorides, chlorides, bromides), combustible materials, reducing agents and organic compounds.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines .

Chemical name	ACGIH TLV	OSHA PEL	NIOSH	Mexico
Sodium Persulfate 7775-27-1	TWA: 0.1 mg/m³	-	-	-
Chemical name	**British Columbia**	**Quebec**	**Ontario TWAEV**	**Alberta**
Sodium Persulfate 7775-27-1	TWA: 0.1 mg/m³	-	TWA: 0.1 mg/m³	TWA: 0.1 mg/m³

Appropriate engineering controls

Engineering measures Provide local exhaust or general ventilation adequate to maintain exposures below permissable exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Eye protection recommended. Chemical goggles consistent with EN 166 or equivalent.

Skin and Body Protection Wear long-sleeved shirt, long pants, socks, and shoes.

Hand Protection Protective gloves: Neoprene gloves, Polyvinylchloride, Natural Rubber.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn: particulate filtering facepiece respirators.

Hygiene measures Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Wash hands before breaks and after shifts. Keep work clothes separate, remove contaminated clothing - launder after open handling of product.

General information Protective engineering solutions should be implemented and in use before personal protective equipment is considered.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Crystalline solid
Physical State	Solid
Color	White
Odor	odorless
Odor threshold	Not applicable
pH	6.0 (1% solution)
Melting point/freezing point	180 °C (Decomposes)
Boiling Point/Range	Decomposes upon heating
Flash point	Not flammable
Evaporation Rate	Not applicable
Flammability (solid, gas)	Not flammable
Flammability Limit in Air	Not applicable
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	6.07E-30 mm Hg at 25ºC
Vapor density	No information available
No information available	
Density	2.59 g/cm³ (crystal density)
Specific gravity	No information available
Water solubility	575 g/l @ 25 °C
Solubility in other solvents	No information available
No information available	
Partition coefficient	No information available (inorganic) No information available
Autoignition temperature	No information available
Decomposition temperature	> 100 °C (assume)
Viscosity, kinematic	No information available (Solid)
Viscosity, dynamic	No information available
Explosive properties	Not explosive
Oxidizing properties	oxidizer
Molecular weight	238.1
VOC content (%)	Not applicable
Bulk density	1.12 g/cm³ (loose)

10. STABILITY AND REACTIVITY

Reactivity Oxidizer. Contact with other material may cause fire

Chemical Stability Stable.

Possibility of Hazardous Reactions None under normal processing.

Hazardous polymerization Hazardous polymerization does not occur.

Conditions to avoid Heat Moisture

Incompatible materials Acids, alkalis, halides (fluorides, chlorides, bromides), combustible materials, reducing agents and organic compounds. .

Hazardous Decomposition Products Oxygen which supports combustion.

11. TOXICOLOGICAL INFORMATION

Product Information

Unknown acute toxicity	0% of the mixture consists of ingredient(s) of unknown toxicity
LD50 Oral	Sodium Persulfate: 895 mg/kg (rat) CAB-O-SIL: >5,000 mg/kg (rat)
LD50 Dermal	Sodium Persulfate: > 10 g/kg
LC50 Inhalation	Sodium Persulfate: >5.10 mg/L (4h) (rat) CAB-O-SIL: >2.08 mg/L (4h) (rat)
Serious eye damage/eye irritation	Irritating to eyes.
Skin corrosion/irritation	Minimally irritating.
Sensitization	Sodium Persulfate:. May cause sensitization by inhalation and skin contact.

Information on toxicological effects

Symptoms Symptoms of allergic reaction may include rash, itching, swelling and trouble breathing.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation Irritating to eyes, respiratory system and skin.
corrosivity None.

Carcinogenicity Contains no ingredient listed as a carcinogen.

Mutagenicity Did not show mutagenic effects in animal experiments

Neurological effects Not neurotoxic

Reproductive toxicity This product is not recognized as reprotox by Research Agencies.
Developmental toxicity None known.
Teratogenicity Not teratogenic in animal studies.

STOT - single exposure May cause respiratory irritation.
STOT - repeated exposure Not classified.

Target organ effects Eyes, Lungs.
Neurological effects Not neurotoxic.

Aspiration hazard No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects

Sodium Persulfate (7775-27-1)				
Active Ingredient(s)	Duration	Species	Value	Units
Sodium Persulfate	96 h LC50	Rainbow trout	163	mg/L
Sodium Persulfate	48 h LC50	Daphnia magna	133	mg/L
Sodium Persulfate	96 h LC50	Grass shrimp	519	mg/L
Sodium Persulfate	72 h EC50	Algae Selenastrum capricornutum	116	mg/L

Persistence and degradability Biodegradability does not pertain to inorganic substances.

Bioaccumulation Does not bioaccumulate.

Mobility Dissociates into ions.

Other Adverse Effects None known.

13. DISPOSAL CONSIDERATIONS

Waste disposal methods This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

Contaminated Packaging Empty remaining contents. Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT

UN/ID no	UN 1505
Proper Shipping Name	SODIUM PERSULFATE
Hazard class	5.1
Packing Group	III

TDG

UN/ID no	UN 1505
Proper Shipping Name	SODIUM PERSULFATE
Hazard class	5.1
Packing Group	III

MEX

UN/ID no	UN 1505
Proper Shipping Name	SODIUM PERSULFATE
Hazard class	5.1
Packing Group	III

ICAO/IATA

UN/ID no	UN 1505
Proper Shipping Name	SODIUM PERSULFATE
Hazard class	5.1
Packing Group	III

IMDG/IMO

UN/ID no	UN 1505
Proper Shipping Name	SODIUM PERSULFATE
Hazard class	5.1
Packing Group	III

ADR/RID

UN/ID no	UN 1505
Proper Shipping Name	SODIUM PERSULFATE
Hazard class	5.1
Packing Group	III

ADN

Proper Shipping Name	SODIUM PERSULFATE
Hazard class	5.1
Packing Group	III

15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic health hazard	NO
Fire hazard	Yes
Sudden release of pressure hazard	NO
Reactive Hazard	NO

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

International Inventories

Component	TSCA (United States)	DSL (Canada)	EINECS/ELINCS (Europe)	ENCS (Japan)	China (IECSC)	KECL (Korea)	PICCS (Philippines)	AICS (Australia)	NZIoC (New Zealand)
Sodium Persulfate 7775-27-1 (> 99)	X	X	X	X	X	X	X	X	X

Mexico - Grade Slight risk, Grade 1

CANADA

WHMIS Hazard Class C - Oxidizing materials
D2B - Toxic materials

16. OTHER INFORMATION

NFPA	**Health Hazards** 2	**Flammability** 0	**Stability** 1	**Special Hazards** OX
HMIS	**Health Hazards** 2	**Flammability** 0	**Physical hazard** 0	**Special precautions** J

NFPA/HMIS Ratings Legend Special Hazards: OX = Oxidizer
Protection=J (Safety goggles, gloves, apron, combination dust and vapor respirator)

Revision date: 2015-07-07
Revision note Initial Release

Disclaimer

PeroxyChem believes that the information and recommendations contained herein (including data and statements) are accurate as of the date hereof. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specified product designated and may not be applicable where such product is used in combination with any other materials or in any process. Further, since the conditions and methods of use are beyond the control of PeroxyChem, PeroxyChem expressly disclaims any and all liability as to any results obtained or arising from any use of the products or reliance on such information.

Prepared By:

PeroxyChem

KLOZUR - Trademark of Peroxychem
© 2015 PeroxyChem. All Rights Reserved.

End of Safety Data Sheet

ATTACHMENT F
Injection Amendment Calculations

547 Coney Island Avenue
Basis of Saturated Soil and Groundwater Treatment Design
In-Situ Chemical Oxidation

The purpose of these calculations is to estimate the mass and volume of alkaline-activated sodium persulfate needed to treat volatile organic compound (VOC)-impacted saturated soil and groundwater within the proposed treatment area at 547 Coney Island Avenue and 50 Hinkley Place, Brooklyn, New York (the "Site"). The calculations use Site-specific investigation data, laboratory testing, and standard engineering and vendor assumptions to estimate the reagent demand, injection volume, and injection-point spacing. The design may be adjusted in the field based on observed injection pressures, flow acceptance, surfacing, and other implementation conditions.

TREATMENT VOLUME

The treatment area is approximately 3,700 square feet (sq ft) with targeted saturated thickness ranging from a vertical interval of 20 to 35 feet (ft). This is based on the extent of soil and groundwater impacts identified during the Remedial Investigation (RI), Supplemental Remedial Investigation (SRI), and Pre-Design Investigation (PDI). The vertical treatment interval ranges from approximately 30 to 65 ft below grade surface (bgs) in five select locations and from approximately 30 to 50 ft bgs in the remaining eight locations. For design purposes, the maximum treatment thickness of 35 ft was used to estimate reagent volume and radius of influence.

DESIGN BASIS FOR TREATMENT VOLUME

Parameter	Value	Basis
Treatment Area	3,700 sq ft	Proposed treatment area
Design Saturated Thickness	35 ft	Maximum interval from 30 to 65 ft bgs
Porosity	0.32	Site-specific laboratory test result (PDI-1_52-55)
Number of Injection Points	13	Based on a 9-ft radius of influence
Target Pore Volume Application	5 percent	Engineering design assumption based on achievable amendment distribution
Sodium persulfate concentration	12 percent	Vendor-supported field estimate, within a 12.5 to 15.3 percent range

Step 1. Calculate the Porewater Volume in the Saturated Treatment Zone

$$V_w = A\ x\ b\ x\ n\ x\ 7.48$$

Where:

- V_w is the porewater volume (gallons)
- A is the treatment area (sq ft)
- b is the saturated treatment thickness (ft)
- n is the porosity (unitless)
- 7.48 = gallons per cubic foot (conversion factor)

Using the design inputs:

$$V_w = 3{,}700\ sq\ ft\ x\ 35\ ft\ x\ 0.32\ x\ 7.48$$

$$V_w = 309{,}971\ gallons$$

Step 2. Calculate the Target Injection Volume

$$V_i = Vw \; x \; V_{TP}$$

Where:

- V_i is the target injection volume (gallons)
- V_w is the porewater volume (gallons)
- V_{TP} is the target pore volume application (percent)

$$V_i = 309{,}971 \; gallons \; x \; 5 \; percent$$

$$V_i = 15{,}499 \; gallons$$

Step 3. Calculate the Oxidant Mass

$$m_O = V_i \; x \; \rho_{NaS2O8} \; x \; \mathrm{NaS2O8} \; \%$$

Where:

- m_O is the sodium persulfate mass (pounds)
- ρ_{NaS2O8} is the density of sodium persulfate solution (pounds per gallon)
- NaS_2O_8% is the percent solution of persulfate (percent)

$$m_O = 15{,}499 \; gallons \; x \; 10.6 \; pounds \; per \; gallon \; x \; 12 \; percent$$

$$m_O = 19{,}714 \; pounds$$

Based on vendor recommendations, the sodium persulfate mass has been conservatively rounded up to 20,900 pounds.

Step 4. Calculate the Injection Volume

The target persulfate delivery is 12 percent, which corresponds to a concentration of 120,000 milligrams per liter (mg/L). The volume of 12 percent sodium persulfate is:

$$V_O = \frac{(m_O \; x \; 1{,}000{,}000)}{C}$$

Where:

- V_O is the volume of sodium persulfate solution (liters)
- C is the target persulfate delivery concentration (mg/L)
- m_O is the sodium persulfate mass (kilograms)

$$V_O = \frac{(9{,}478 \; kg \; x \; 1{,}000{,}000)}{120{,}000 \; mg/L}$$

$$V_O = 78{,}987 \; L$$

$$V_O = 2{,}789 \; cf$$

Step 5. Calculate the Radius of Influence

$$r = \sqrt{\frac{V}{n\pi b}}$$

Where:

- r is the radius of influence (ft)
- V_O is the volume of amendment (cubic ft)
- n is the porosity
- b is the vertical treatment zone (ft)

$$r = \sqrt{\frac{2{,}789\ cubic\ ft}{0.32\pi 35}}$$

$$r = 8.9\ ft$$

This has been rounded up to 9 ft for field implementation and injection layout planning.

Step 6. Calculate the Sodium Hydroxide Dosing

Sodium hydroxide is used to activate sodium persulfate under alkaline conditions. Under elevated pH conditions, persulfate can generate reactive species capable of oxidizing petroleum-related VOCs. The sodium hydroxide volume was calculated using a sodium hydroxide-to-sodium persulfate molar ratio of approximately 2.7:1. The base (25 percent) quantities of sodium hydroxide are designed to raise groundwater pH and neutralize acid generated through sodium persulfate oxidation reactions, which is recommended based on sandy soils. The sodium hydroxide is also present to activate persulfate and form hydroxyl free radicals to oxidize VOCs.

$$V_{NaOH} = \frac{m_o * R * MW_{NaOH}}{MW_o * \left(\frac{w\%}{100\%}\right) * \rho NaOH}$$

Where:

- V_{NaOH} is the amount of NaOH solution needed (gallons)
- m_O is the sodium persulfate mass (pounds)
- R is the molar ratio of NaOH to oxidant
- MW_{NaOH} is the molecular weight of NaOH (grams per mole)
- MW_O is the molecular weight of sodium persulfate (grams per mole)
- w%/100% is the percent NaOH solution
- ρ_{NaOH} is the density of NaOH solution (pounds per gallon)

$$V_{NaOH} = \frac{20{,}900\ pounds * 2.7 * 40\ g/mol}{238.1\ g/mol * (25\%) * 10.6\ pounds\ per\ gallon}$$

$$V_{NaOH} = 3{,}577\ gallons$$

This has been rounded up to 3,580 gallons for field implementation.

547 Coney Island Avenue
In-Situ Chemical Oxidation - Sodium Persulfate

The following set of calculations estimate the volumes and radius of influence required to achieve complete oxidation of VOCs in the soil and groundwater.

Sodium Persulfate Dosing & Application

			Notes
Treatment Area (A)	3,700	sq ft	See Figure 3
Total Porosity (n)	0.32	unitless	Tested by PRIMA Environmental, Inc. using site soil
Thickness of Contaminated Saturated Zone (b)	35	ft	
Groundwater Volume (V_w)	309,971	gallons	
Target Pore Volume Application	5%	percent	
Target Injection Volume (V_i)	15,499	gallons	
Density of sodium persulfate solution (ρ_{Na2O8})	10.6	lb/gal	
Target Persulfate Delivery Concentration	12%	percent	Vendor field estimates of 12.5-15.3%
Target Persulfate Delivery Concentration	120,000	mg/L	
Sodium Persulfate Mass	19,714	lbs	
Sodium Persulfate Mass	8,941	kg	Conversion
Rounded Mass Oxidant (m_o)	20,900	lbs	Conservative estimate rounded up from vendor
Rounded Mass Oxidant (m_o)	9,478	kg	Conversion
Number of Injection Points	13		
Mass Oxidant per Injection Point	1,608	lbs	Rounded mass oxidant divided by number of injection points
Volume of 12% Sodium Persulfate	78,987	L	
Volume of 12% Sodium Persulfate	2,789	cf	Conversion
Radius of Influence (r)	8.9	ft	

Sodium Hydroxide Dosing

Molar Ratio of NaOH to Oxidant (R)	2.7		
MW of Oxidant (MW_O)	238.1	g/mol	
MW of NaOH (MW_{NaOH})	40	g/mol	
Mass of NaOH	4,300,085	grams	
Mass of NaOH	4,300	kg	Conversion
Percent NaOH Solution	25	w%	
Density of NaOH solution (ρ_{NaOH})	10.6	lb/gal	
Amount of NaOH solution needed (V_{NaOH})	3,577	gallons	

Notes and Abbreviations
ft = feet
gal = gallons
g/mol = grams per mole
lb = pound
sq ft = square feet

Calculated Value