ROANOKE SAND & GRAVEL CORP.
104 ROCKY POINT ROAD
MIDDLE ISLAND, NY 11953
NYSDEC # 1-4722-00611/00005

2025 1ST QUARTER GROUNDWATER MONITORING EVENT AND REPORT

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ENVIRONMENTAL ENGINEERING & CONSULTING

QUARTERLY GROUNDWATER MONITORING EVENT AND REPORT
ROANKE SAND & GRAVEL CORP., 104 ROCKY POINT ROAD, MIDDLE ISLAND, NEW YORK
NYSDEC #1-4722-00611/00005

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1.0 INTRODUCTION

This *Quarterly Groundwater Monitoring Report* (Report) has been prepared by P.W. Grosser Consulting, Inc. (PWGC) on behalf of Roanoke Sand & Gravel Corp. (herein referred to as "the Mine" or "the Site"). The overall objective of this report is to document routine groundwater monitoring and sampling activities for the first quarter of 2025 (January 2025-March 2025) in accordance with Mined Land Reclamation Permit (MLRP) 1-4722-00611/00005 and the approved Groundwater Monitoring Well Sampling Procedure Plan (GMWSPP) developed by PWGC dated June 2023.

The MLRP is limited to the continuation of below- water-table mining within the currently permitted area of excavation to a maximum depth of 140 feet below the groundwater table and to continue sand and gravel excavation to create a 172.2-acre lake on the property. A permit application renewal was submitted in 2021, which was merely a continuation of mining operations as approved following the Request for Mining Permit Modification (RMPM) prepared by PWGC in June 2010 and subsequently renewed in 2016.

This Report documents routine groundwater monitoring and sampling activities performed on March 4 & 5, 2025 As per the approved GMWSPP, the content of the report and sampling includes groundwater elevation measurement and samples collected four times a year from the network of groundwater monitoring wells which includes Wells 2A, 2B, 3A, 3B, 4A, 4B, 5A, 5B, 6A, 6B, 7A, 7B, 8A, 8B, 9A, 9B, 10A, and 10B.

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2.0 SITE DESCRIPTION

2.1. Past and Present Land Use

The Mine is located at the intersection of Miller Place-Yaphank Road and Rocky Point Road, west of William Floyd Parkway and north of Route 25, in Middle Island, New York. The Project area is separated from surrounding land uses by a vegetated buffer zone. Refer to **Figure 1 – Vicinity Map**.

A review of historical aerial photographs indicates the site has been utilized for mining purposes since at least 1962. Vegetated berms and buffers are maintained around the Mine to provide natural visual and acoustical screening from surrounding properties. In addition, a perimeter fence is maintained to provide security for the Mine. Sand and gravel are excavated with an electrically powered wet dredge. Sand and gravel are transported by a conveyor system to the Mine's processing area where it is screened, sorted, and stockpiled. The material is then loaded into vehicles and delivered to local residential, commercial, and municipal construction projects.

The land immediately surrounding the site consists of residential properties, undeveloped wooded land, and commercial properties. The nearest residence is approximately 380 feet west of the Mine. There is an active mining facility approximately 4,340 feet northwest of the site identified as Coram Materials.

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3.0 GROUNDWATER MONITORING PLAN COMPLIANCE

PWGC has completed an assessment of the groundwater monitoring wells at the Mine. All monitoring wells were observed to be secured, maintained, and accessible.

Groundwater monitoring has been ongoing at the Mine since at least 2006. A Supply Well Protection Management Plan submitted in 2008 as part of a Spill Prevention & Response Plan developed by P.W. Grosser Consulting indicates that seven (7) dual-level monitoring well clusters were installed at that time. In accordance with the permit issued at that time, samples were analyzed for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). Sampling was performed on a quarterly basis in the active working zone (dredging active), while wells located in inactive working zones (dredging complete) were sampled on a biannual basis.

As per the 2016 permit application package, groundwater samples collected from groundwater monitoring wells were analyzed for VOCs, SVOCs, and total metals. Polychlorinated biphenyls (PCBs), pesticides, and herbicides baseline samples were collected in March 2020. In the most recent Permit Application submission, a GMWSPP, dated December 2020, proposed to include sampling for TCL VOCs, TCL SVOCs, and total/dissolved metals. This GMWSPP has since been replaced by the June 2023 iteration which was developed voluntarily per the requirements of the Groundwater Study at Long Island Mines.

The groundwater monitoring plan implemented for the Site during this quarter and documented by this report consisted of the following activities:

Monitoring Program	Frequency
Inspection condition of active groundwater monitoring wells	Quarterly
Collect groundwater measurements from active groundwater monitoring wells	Quarterly
Collect groundwater samples from the active groundwater monitoring wells	Quarterly

3.1. Monitoring Wells Maintenance

Each of the eighteen (18) wells installed on-site was inspected during the March 2025 sampling event. **Refer to Figure 2 – Monitoring Well Locations.** Each well was observed to be clear, accessible, and in good condition overall condition.

4.0 GROUNDWATER MONITORING AND SAMPLING

Groundwater monitoring and sampling for this reporting period were performed by two PWGC hydrogeologists on March 4 & 5, 2025.

4.1. Groundwater Monitoring Well Condition

Eighteen (18) groundwater monitoring wells (2A, 2B, 3A, 3B, 4A, 4B, 5A, 5B, 6A, 6B, 7A, 7B, 8A, 8B, 9A, 9B, 10A, and 10B) are installed at the Mine. These wells are intended to facilitate upgradient and downgradient monitoring in the vicinity of the Mine across the property to provide early notification of potential groundwater impacts in the event that contaminants are introduced to the subsurface during mining operations.

4.2. Groundwater Level Gauging

Groundwater level measurements for this reporting period were obtained by PWGC on March 4, 2025 for all wells (2A, 2B, 3A, 3B, 4A, 4B, 5A, 5B, 6A, 6B, 7A, 7B, 8A, 8B, 9A, 9B, 10A, and 10B).

4.2.1. Groundwater Level Gauging Procedure

A PWGC field hydrogeologist collected depth to water (DTW) readings on March 4, 2025. Well logs for this sampling event can be found in **Attachment A**. Field notes for this sampling event can be found in **Attachment B**. An interface probe was slowly lowered into the well and care was taken to prevent it from splashing into the groundwater. No non-aqueous phase liquid (NAPL - product) was detected in the wells. DTW and depth to the bottom (DTB) measurements were collected for all wells. DTB and DTW measurements are obtained from the top of the casing on the compass north side of the casing or at notch. The interface probe was decontaminated after each measurement.

The interface probe measures to an accuracy of hundredths of a foot. These measurements were used to determine groundwater flow direction.

4.2.2. Groundwater Level Gauging Results

Data retrieved on March 4, 2025 was used to generate a groundwater elevation contour map for the groundwater flow. Refer to **Figure 3 – Groundwater Contours March 2025 Shallow** and **Figure 4 – Groundwater Contours March 2025 Deep**.

Well ID	Latitude	Longitude	Measuring Point (feet above MSL)(NAVD88)	Depth to Water (ft)	Groundwater Elevations
2A	40.8983413	72.9493182	68.53	18.24	50.29
2B	40.8983413	72.9493182	68.40	18.04	50.36
3A	40.8963084	72.9459719	62.34	12.81	49.53
3B	40.8963084	72.9459719	62.53	12.72	49.81
4A	40.8943198	72.9443509	61.52	11.8	49.72
4B	40.8943198	72.9443509	61.45	11.68	49.77
5A	40.8903809	72.9484147	59.54	9.65	49.89
5B	40.8903809	72.9484147	59.36	9.59	49.77
6A	40.8873610	72.9483034	122.30	72.89	49.41
6B	40.8873610	72.9483034	122.25	72.91	49.34

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7A	40.8853720	72.9486928	138.96	89.73	49.23
7B	40.8853720	72.9486928	138.76	89.98	48.78
8A	40.8920719	72.9534393	60.41	9.06	51.35
8B	40.8920719	72.9534393	60.34	9.01	51.33
9A	40.8897605	72.9515666	59.01	8.02	50.99
9B	40.8897605	72.9515666	59.09	8.19	50.90
10A	40.8861100	72.9518230	59.82	9.5	50.32
10B	40.8861100	72.9518230	59.93	10.31	49.62

Groundwater elevations from March 2025 at the shallow wells ranged between 51.35 feet AMSL (NAVD88) at 8A and 49.23 feet AMSL (NAVD88) at 7A. Shallow groundwater flow was observed to move in a southeasterly direction during this observational period. This is consistent with observations from previous sample events.

Groundwater elevations from March 2025 at the deep wells ranged between 51.33 feet AMSL (NAVD88) at 8B and 48.78 feet AMSL (NAVD88) at 7B. Deep groundwater flow was observed to move in a southeasterly direction during this observational period. This is consistent with observations from previous sample events.

4.3. Groundwater Monitoring Well Sampling

Groundwater monitoring well sampling is currently being performed four (4) times a year (March, June, September, and December). Groundwater monitoring well sampling was conducted on March 4 & 5, 2025 for this reporting period. PWGC field hydrogeologists sampled each of the groundwater monitoring wells as specified in the MLRP issued on March 11, 2020. The sampling was guided by procedures outlined in the approved GMWSPP developed by PWGC dated June 2023.

4.4. Groundwater Monitoring Well Procedure

Groundwater samples were collected from each monitoring well at the Site. Prior to 2024, groundwater samples were initially collected using Geotech Geosub 2 portable submersible pumps with dedicated polyethylene tubing. To improve sampling efficiency, maintain efficacy, and reduce waste, the installation of dedicated submersible pumps was considered and approved by NYSDEC. On March 8, 2024, PWGC installed dedicated Proactive Sample Champ XL submersible pumps at the approximate depth of midpoint of each well screen. Each pump has been installed with dedicated high-density polyethylene (HDPE) tubing and is capable of collecting low flow groundwater samples. Four (4) equipment blanks were collected from the pumps prior to installation. The Proactive Sample Champ XL submersible pump wire lengths are listed for each well in the following table:

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Well ID	Wire Length (ft)
2A	40
2B	86
3A	38
3B	86
4A	17
4B	40
5A	22
5B	96
6A	94
6B	103
7A	94
7B	150
8A	23
8B	124
9A	23
9B	115
10A	22
10B	141

During the Quarter 4 2024 sample event, PWGC hydrogeologists experienced difficulties discharging groundwater from the dedicated submersible pump deployed in well 7A. The malfunction of the pump was accompanied by an error message displayed on the pump control box, which displayed "Fault Detected- Unit Shut Down". After consulting with Proactive Environmental Products (the pump manufacturer) it is believed that the pump was overvolted from the power source and would require the replacement of the motor module. The motor module was replaced by a PWGC hydrogeologist prior to the Quarter 1 2025 sample event. The repaired pump was redeployed in well 7A on March 4, 2025.

Wells were purged at flow rates varying from approximately 280-380 mL/minute, while confirming water level drawdown at less than 0.3 ft from initial measurement. Two Horiba U-52 multi parameter water quality meters with flow-through cells were utilized to monitor field parameters (turbidity, pH, temperature, dissolved oxygen, and specific conductance) at three- to five-minute intervals.

Stabilization of indicator field parameters is indicative that conditions are suitable for sampling to begin. Stabilization is achieved when three (3) consecutive measurements are within the following limits:

- Turbidity (10% for values greater than 5 NTUs; if three turbidity values are less than 5 NTUs, consider the values as stabilized),

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- Dissolved oxygen (10% for values greater than 0.5 mg/L, if three dissolved oxygen values are less than 0.5 mg/L, consider the values as stabilized),
- Specific conductance (3%),
- Temperature (3%),
- pH (± 0.1 unit),
- Oxidation/reduction potential (±10 millivolts).

Upon stabilization of field parameters using the above criteria, groundwater samples were collected.

4.4.1. Quality Assurance/Quality Control Procedures

In accordance with the NYSDEC guidance document, QA/QC analysis was performed for this sampling event. The following QA/QC samples were included in the analysis:

- **Duplicate Sample-** A blind duplicate, identified as DUP001 on the chain of custody and lab results, was collected as a duplicate sample associated with parent well 10A.
- **MS/MSD-** A matrix spike/matrix spike duplicate, identified as 8A MS/MSD, was collected from well 8A.
- **Field Blank-** A field blank was collected in the field during sample collection. The field blank was analyzed for perfluorinated alkyl acids (PFAAs) to determine if any contamination occurred due to environmental factors, equipment, or even personal care products used by the sampling team.
- **Trip Blanks-** Eight (8) trip blanks were present in the sample collection cooler containing bottle ware for volatile organic compounds (VOCs) provided by Pace Analytical Services, LLC (Pace Analytical), which is recognized as a New York State Environmental Laboratory Approval Program (ELAP) certified analytical laboratory. The trip blank was maintained in its designated cooler from bottle ware drop off at the PWGC office, located in Bohemia, NY, through sample pickup by a Pace Analytical courier at the PWGC office.

4.4.2. Groundwater Monitoring Well Analytical Results

Groundwater samples were analyzed for volatile organic compounds (VOCs) via EPA Method 8260D, semi-volatile organic compounds (SVOCs) via EPA Method 8270E, total and dissolved metals via EPA Method 200.7, total dissolved solids (TDS) via SM 2540, Ammonium via EPA Method 711, and cations/anions via various methods by Pace Analytical. At the request of NYSDEC, groundwater samples collected at monitoring wells 5A, 5B, 6A, 6B, 7A, 7B, 8A, 8B, 10A, 10B were evaluated for pesticides via EPA Method 8081B. In addition to these analyses, four (4) well locations, two upgradient monitoring wells (8A & 10A) and two downgradient monitoring wells (3A & 6A) were analyzed for PFAAs via EPA Method 1633 and radionuclides via HASL-300 and EPA Methods 903.1/904.0.

Analytical results were compared to the New York State 6NYCRR Part 703.5 Class GA groundwater standards. Analytical summary tables for samples collected during the March 4 and 5, 2025 sampling events can be found in **Attachment C**. A copy of the analytical results from the March 4 and 5, 2025 sampling events can be found in **Attachment D**.

There were two (2) metals (total) that exceeded GA groundwater standards:

- Iron (Total) (New York TOGS 1.1.1 Ambient Water Quality Standard- 300 ug/L)
  - 03/04/2025- 795 ug/L @ 4A
  - 03/05/2025- 1,180 ug/L @ 8B
  - 03/05/2025- 340 ug/L @ 10B

- Manganese (Total) (New York TOGS 1.1.1 Ambient Water Quality Standard- 300 ug/L)
  - 03/05/2025- 3,310 ug/L @ 7A

There were two (2) metals (dissolved) that exceeded GA groundwater standards:

- Iron (dissolved) (New York TOGS 1.1.1 Ambient Water Quality Standard- 300 ug/L)
  - 03/05/2025- 986 ug/L @8B
  - 03/05/2025- 325 ug/L @ 10B

- Manganese (dissolved) (New York TOGS 1.1.1 Ambient Water Quality Standards 300 ug/L)
  - 03/05/2025- 2,980 ug/L @ 7A

There were two (2) SVOCs that exceeded GA groundwater standards:

- Phenol (New York TOGS 1.1.1 Ambient Water Quality Standard- 1 ug/L)
  - 03/04/2025- 2.9 ug/L (J) @ 2B
  - 03/05/2025- 1.6 ug/L (J) @ DUP001 (Parent Well: 10A)

- Indeno(1,2,3-cd)pyrene (New York TOGS 1.1.1 Ambient Water Quality Standard- 0.002 ug/L)
  - 03/05/2025- 0.04 ug/L (J) @ 6B

There was one (1) Perfluorinated alkyl acid (PFAA) that exceeded GA groundwater standards:

- Perfluorooctanesulfonic acid (PFOS)(New York TOGS 1.1.1 Ambient Water Quality Standard- 0.0027 ug/L)
  - 03/04/2025- 0.00442 ug/L @ 3A
  - 03/05/2025- 0.0167 ug/L @ 6A

VOCs and pesticides were not detected at concentrations that exceed their respective AWQS standards.

As per the approved GMWSPP developed by PWGC dated June 2023, pesticides were proposed to be analyzed for two quarters of sampling at all available monitoring wells. Pesticides were analyzed at each well location as part of the Quarter 2 & Quarter 3 2024 groundwater sampling events. Dieldrin was detected at concentrations that exceeded their AWQS standards at well clusters 6 & 7 during these sampling events. Each of the exceedances was flagged with a J laboratory qualifier, denoting that the target compound was detected at or above the analyte's Minimum Detection Limit (MDL), but below the Reporting Limit (RL), and therefore is an estimation, as the qualifier denotes that the concentration is less than equipment's ability to accurately quantify.

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In a sampling reporting notice dated January 24, 2025, NYSDEC required that Roanoke to continue monitoring well clusters 5, 6, 7, 8, and 10 for pesticides in Quarter 1 2025 due to the concentrations of Dieldrin being consistently above action levels. Dieldrin was not detected in any of these well locations in Quarter 1 2025.

Total iron concentrations were observed above their respective AWQS standards at monitoring wells 4A, 8B and 10B. Although total iron was observed at a concentration that exceeded the AWQS standard at 4A, dissolved iron concentration was not detected. The elevated total iron concentration observed at 4A may be attributed to suspended sediment that was filtered out of solution by the 0.45-micron in-line filter.

The concentrations of dissolved iron observed at monitoring well 8B, and total manganese observed at 7A exceeded their AWQS standards established in TOGS 1.1.1. Iron and manganese are naturally occurring in soil and groundwater across Long Island and are considered secondary drinking water contaminants and generally not a risk to human health. While the Environmental Protection Agency (EPA) established secondary drinking water standards for these metals to assist public water systems in managing their drinking water for aesthetic consideration such as taste, color, and odor, the EPA does not enforce these.

Indeno(1,2,3-cd)pyrene was detected at a concentration that exceeded its AWQS standard at monitoring well 6B. These detections were flagged with a J laboratory qualifier, denoting that the target compound was detected at or above the analyte's minimum detection limit (MDL), but below the reporting limit (RL), and therefore is an estimation, as the qualifier denotes that the concentration is less than equipment's ability to accurately quantify. This compound is known as a polycyclic aromatic hydrocarbon (PAH), which is a known byproduct of fossil fuel combustion. This is the first time that Indeno(1,2,3-cd)pyrene was detected at monitoring well 6A.

Phenol was observed at a concentration of 2.9 ug/L at monitoring well 2B and 1.6 ug/L at DUP001, which exceeds the AWQS standard of 1 ug/L. Although Phenol was detected in the representative sample for DUP001, it was not detected in the parent well samples (10A). Each of these detections was accompanied by a J qualifier, and therefore is an estimation, as the qualifier denotes that the concentration is less than equipment's ability to accurately quantify.

Phenol can be observed in groundwater for several reasons, including: industrial processes that include the production of plastics, resins, or pharmaceuticals; agricultural runoff from phenolic compounds contained in pesticides or herbicides; byproducts from petroleum refinement; natural sources resulting from the decomposition of organic matter in soil or water; or from landfill leachate. A Colucci Carting storage yard is located immediately upgradient of monitoring well 2B (250 feet). The yard provides storage for packer trucks that haul municipal solid waste (MSW) and uncovered roll-off containers. There are no on-site activities that suggest that phenols observed in groundwater are caused by mining activities.

Phenols can persist in soil for varying durations depending on environmental conditions. Generally, phenols degrade relatively quickly compared to more persistent organic pollutants. However, under certain conditions, such as low microbial activity or anaerobic environments, phenols can persist

longer. Despite their typically shorter persistence, phenols can still impact groundwater if they leach from contaminated soil, especially near surface water bodies.

Per- and polyfluoroalkyl substances (PFAS) compounds were detected in each of the four samples collected from two upgradient wells (8A, 10A) and two downgradient wells (3A, 6A). There was one PFAS compound that was denoted to have exceeded the established groundwater quality standards, specifically perfluorooctanesulfonic acid (PFOS) (New York TOGS 1.1.1 Ambient Water Quality Standard- 0.0027 ug/L). PFOS was noted at concentrations that exceed the AWQS standard at monitoring wells 3A & 6A. PFOS was also detected in both of these wells in Q3 2024 and Q4 2024. PFOS concentrations at monitoring well 6A are noted to be less than the concentrations observed in Q3 2024 and Q4 2024. Between Q3 2024 and Q4 2024, monitoring well 3A saw a 76.6% reduction in PFOS concentration. Between Q3 2024 and Q4 2024, monitoring well 3A saw a further reduction of 25.2%, resulting in a total reduction of 82.5% between Q3 2024 and Q1 2025. PFOS concentrations at monitoring well 6A were observed to decrease from 0.0184 ug/L in Q3 2024 to 0.0136 ug/L in Q4 2024. The PFOS concentration at monitoring well 6A increased to 0.0167 ug/L in Q1 2025 but is still at a lesser concentration than initially observed in Q3 2024.

Radionuclides, including isotopic thorium, uranium, and radium, were analyzed from samples collected from two upgradient wells (8A, 10A) and two downgradient wells (3A, 6A). An additional sample was analyzed via the blind duplicate samples (DUP001), whose parent well was monitoring well 10A. NYSDEC has not established MCLs for the radionuclides analyzed. PWGC has compared the observed concentrations to the concentrations detailed in the "Radionuclides Rule" by USEPA and Part 5: Drinking Water Supplies Subpart 5.1 Public Water System of the "Unofficial Compilation of Codes, Rules, and Regulations of the State of New York Department of Health" dated September 8, 2023. The concentrations of thorium isotopes, total uranium, and combined radium isotopes are significantly below the established MCLs.

4.4.3. Data Usability Evaluation

As stated in Section 4.4.1, the overall QA/QC objective for the groundwater sampling event was to develop and implement procedures that provide data of known and documented quality. QA/QC characteristics for data include precision, accuracy, representativeness, completeness, and comparability. The purpose of the QA/QC activities developed for this site was to verify the integrity of the work performed at the site to ensure that the data collected are of the appropriate type and quality needed for the intended use.

The QA/QC program included the preparation and analysis of a trip blank for each cooler containing VOC samples, a blind duplicate, the collection and evaluation of a field blank, and the collection and evaluation of a matrix spike and matrix spike duplicate. Eight (8) trip blanks were analyzed during this sample event. VOCs were not detected at any concentration in the trip blanks. The blind duplicate was collected from well 10A. The matrix spike and matrix spike duplicate samples were collected from well 8A.

While the majority of the results from the blind duplicate sample are consistent with those of the parent well (monitoring well 10A), there was an SVOC detection (Phenol) observed in the duplicate sample that was not detected in the parent well sample. These samples were collected from the well in quick succession from a dedicated pump. The pump placement and discharge rate were

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maintained throughout sample collection, therefore sampling methodology is not thought to affect the quality of samples collected. The relative percentage difference (RPD) for the analyses of laboratory control samples were within acceptable tolerances, therefore these detections do not appear to be caused by laboratory error. The discrepancy between the results of monitoring well 10A and the blind duplicate can most likely be attributed to analytical variability. Even with careful technique, some inherent variability in the analytical method can lead to different results between the parent and duplicate, especially if the analyte concentration is close to the detection limit. In general. the analysis of the blind duplicate sample shows results that are consistent with those of the parent well, indicating that the sampling and analytical procedures are reliable.

As per the provided case narrative issued in the laboratory report, the following details were provided in reference to the analyses of Perfluorinated Alkyl Acids via Method 1633:

- L2512368-16 and -21: The sample was re-extracted within holding time due to QC failures in the original extraction. The results of the re-extraction are reported.
- The WG2037864-6/-7 MS/MSD RPDs performed on L2512368-10 are outside the acceptance criteria for perfluorotetradecanoic acid (pfta) (35%), n-methyl perfluorooctane sulfonamide (nmefosa) (32%), and n-ethyl perfluorooctane sulfonamide (netfosa) (36%).

As per the provided case narrative issued in the laboratory report, the following details were provided in reference to the analyses of Total Metals:

- The WG2038695-3 MS recovery performed on L2511919-01 is outside the acceptance criteria for potassium (128%). A post digestion spike was performed and yielded an unacceptable recovery of 130%. The serial dilution recovery was not applicable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.
- The WG2040539 CCV recovery associated with L2511919-02 was above the acceptance criteria for potassium. Any associated samples with positive detections were re-analyzed under a passing CCV. The samples that were non-detect for this element are reporting results from the original analyses.

As per the provided case narrative issued in the laboratory report, the following details were provided in reference to the analyses of Dissolved Metals:

- L2511919-01: Dissolved results are greater than Total results. The sample containers were verified as being labeled correctly by the laboratory.
- L2512368-01, -02, -04, -05, -07, -08, -10, -11, -13, -14, -16, -17 and -19: Dissolved results are greater than Total results. The sample containers were verified as being labeled correctly by the laboratory.

As per the provided case narrative issued in the laboratory report, the following details were provided in reference to the analyses of SVOCs:

- The WG2038207-4/-5 MS/MSD recoveries performed on L2512368-10 are below the acceptance criteria for benzoic acid (0%/0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.

As per the provided case narrative issued in the laboratory report, the following details were provided in reference to the analyses of anions:

- The WG2038792-3/-4 MS/MSD recoveries performed on L2512368-10 are outside the acceptance criteria for bromide (80%/80%); however, the associated LCS recovery is within criteria. No further action was taken.

As per the provided case narrative issued in the laboratory report, the following details were provided in reference to the analyses of the nitrogen series:

- L2512368-01 (TKN): The sample has an elevated detection limit due to the dilution required by the sample matrix.

There were no additional qualifiers included in the lab results related to analyte recovery abnormalities and were noted at concentrations within normal parameters for analysis. The only qualifiers noted in the lab report and summary tables are the U (under) and J (estimated concentration) qualifiers. The overall quality of the data was acceptable.

4.4.4 Deviations from the Approved Workplan

Sample Collection/ Laboratory Analysis Deviations

Upon review of the laboratory results received from Alpha Analytical/Pace Analytical, PWGC has noted that some analytes did not meet the specified reporting limits denoted in Appendix 4 of the *Groundwater Study at Long Island Mines Workplan* issued by the NYSDEC in June 2022. These analytes included:

Table 1-Reporting Limit Comparison Table

Analyte	Laboratory RL (ug/L)	Specified Reporting Limit (ug/L)
VOCs		
Acetone	5	0.5
2-butanone	5	0.5
2-hexanone	5	0.5
Dichlorodifluoromethane	5	0.5
Chloromethane	2.5	0.5
Vinyl chloride	1	0.5
Bromomethane	2.5	0.5
Chloroethane	2.5	0.5
Trichlorofluoromethane	2.5	0.5
Carbon disulfide	5.0	0.5
Methylene chloride	2.5	0.5
Trans-1,2-dichloroethene	2.5	0.5
Methyl tert-butyl ether	2.5	0.5
1,1-dichloroethene	2.5	0.5
Cis-1,2-dichloroethene	2.5	0.5
Bromochloromethane	2.5	0.5
Chloroform	2.5	0.5
1,1,1-trichloroethane	2.5	0.5

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1,2-dichloropropane	1	0.5
4-methyl-2-pentanone	5	0.5
Toluene	2.5	0.5
1,1,2-trichloroethane	1.5	0.5
1,2-dibromoethane	2.0	0.5
Chlorobenzene	2.5	0.5
Ethylbenzene	2.5	0.5
Xylenes	2.5	2.0
Styrene	2.5	0.5
Bromoform	2.0	0.5
Isopropylbenzene	2.5	0.5
1,3-dichlorobenzene	2.5	0.5
1,4-dichlorobenzene	2.5	0.5
1,2-dichlorobenzene	2.5	0.5
1,2-dibromo-3-chloropropane	2.5	0.5
1,2,4-trichlorobenzene	2.5	0.5
1,2,3-trichlorobenzene	2.5	0.5
1,2-dibromoethane	2	0.5
1,2-dibromo-3-chloropropane	2.5	0.5

SVOCs		
2,4-Dinitrophenol	20	5
4,6-Dinitro-2-methylphenol	10	5
4-Nitrophenol	10	5
1,2,4,5-Tetrachlorobenzene	10	5
Metals		
Beryllium	5	0.5
Cation & Anion		
Sulfate	10,000	500

Herbicides		
Methylchlorophenoxypropionic acid (MCPP)	58.5	1
2-methyl-4-chlorophenoxyacetic acid (MCPA)	63.2	1

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Although these analyses did not meet the specified reporting limits for these analytes, the majority of these analyses did meet or exceed the AWQS standards specified in TOGS 1.1.1, with the exception of:

Table 2-AWQS vs. Reporting Limit Comparison Table

Analyte	Laboratory RL (ug/L)	AWQS Standard (ug/L)
1,1,2-Trichloroethane	1.5	0.5
2,4-Dinitrophenol	20	10
1,2,4,5-Tetrachlorobenzene	10	5
Beryllium	5	3

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5.0 CONCLUSIONS AND RECOMMENDATIONS

Groundwater monitoring and sampling for this reporting period was performed by PWGC on March 4 and 5, 2025.

Monitoring wells were observed to be secured, maintained, and easily accessible.

Groundwater elevations from March 2025 at the shallow wells ranged between 51.35 feet AMSL (NAVD88) at 8A and 49.23 feet AMSL (NAVD88) at 7A and between 51.33 feet AMSL (NAVD88) at 8B and 48.78 feet AMSL (NAVD88) at 7B in the deep wells. Both shallow and deep groundwater flow were observed to move in a southeasterly direction during this observational period.

The total iron concentration was noted above its respective AWQS standard at monitoring well 4A, but was not observed at concentrations that exceeded their AWQS standard when examining the dissolved iron concentrations.

The concentrations of total and dissolved iron observed at monitoring wells 8B & 10B, and total and dissolved manganese observed at 7A exceeded their AWQS standards established in TOGS 1.1.1. Iron and manganese are considered secondary drinking water contaminants and generally not a risk to human health.

Indeno(1,2,3-cd) pyrene were detected at monitoring well 6B. These results and were flagged with a J laboratory qualifier, denoting that the target compound was detected at or above the analyte's minimum detection limit (MDL), but below the reporting limit (RL), and therefore is an estimation.

No exceedances of VOCs were detected at concentrations exceeding Class GA groundwater standards. Cations/anions and total dissolved solids (TDS) do not have applicable groundwater standards for comparison.

There was one PFAS compound that was denoted to have exceeded the established groundwater quality standards, specifically perfluorooctanesulfonic acid (PFOS) (New York TOGS 1.1.1 Ambient Water Quality Standard- 0.0027 ug/L). PFOS was noted at concentrations that exceed the AWQS standard at monitoring wells 3A & 6A. PFOS was also detected in both of these wells in Q3 2024 and Q4 2024. Between Q3 2024 and Q4 2024, monitoring well 3A saw a 76.6% reduction in PFOS concentration. Between Q3 2024 and Q4 2024, monitoring well 3A saw a further reduction of 25.2%, resulting in a total reduction of 82.5% between Q3 2024 and Q1 2025. PFOS concentrations at monitoring well 6A were observed to decrease from 0.0184 ug/L in Q3 2024 to 0.0136 ug/L in Q4 2024. The PFOS concentration at monitoring well 6A increased to 0.0167 ug/L in Q1 2025 but is still at a lesser concentration than initially observed in Q3 2024.

Radionuclides, including isotopic thorium, uranium, and radium, were analyzed from samples collected from two upgradient wells (8A, 10A) and two downgradient wells (3A, 6A). An additional samples was analyzed via the blind duplicate samples (DUP001), whose parent well was monitoring well 10A. NYSDEC has not established MCLs for the radionuclides analyzed, PWGC has compared the observed concentrations to the concentrations detailed in the "Radionuclides Rule" by USEPA and Part 5: Drinking Water Supplies Subpart 5.1 Public Water System of the "Unofficial Compilation of Codes, Rules, and Regulations of the State of New York Department of Health" dated September 8,

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2023. The concentrations of thorium isotopes, total uranium, and combined radium isotopes are significantly below the established MCLs.

Roanoke Sand & Gravel collected additional samples at monitoring wells 5A, 5B, 6A, 6B, 7A, 7B, 8A, 8B, 10A, and 10B and analyzed for pesticides in Q1 2025. Low level concentrations of pesticides, specifically Dieldrin, was observed at monitoring wells 6A, 6B, 7A, and 7B in Q2 & Q3, 2025. Well clusters 6 & 7 are functional downgradient monitoring wells. Dieldrin was not detected in any of these well locations in Quarter 1 2025.

Historic groundwater monitoring and sampling results indicate that groundwater is not impacted by mining operations. Groundwater monitoring will continue to be implemented to continually assess the quality of the groundwater at the mine and immediately downgradient of the mine during excavation. In addition, it has been shown through the historic sampling of the monitoring well network that the existing operation has not introduced contaminants into the aquifer system.

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FIGURES

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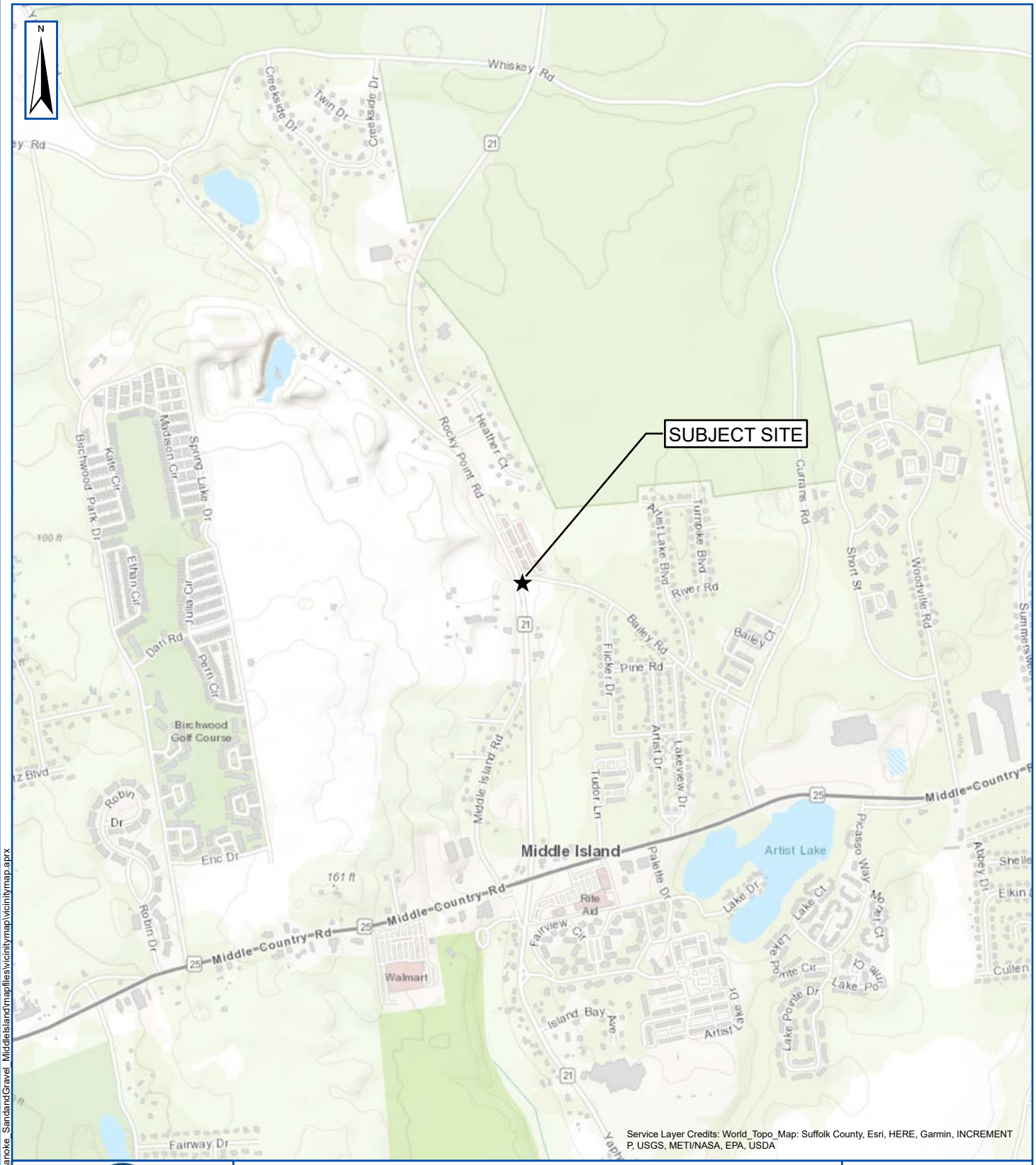

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SUBJECT SITE VICINITY

104 ROCKY POINT RD
MIDDLE ISLAND, NY

0 0.13 0.25 0.5 0.75 1 Miles

Project:	
Date:	8/4/2020
Designed by:	RN
Drawn by:	HS
Approved by:	RN
Figure No:	1

MIDDLE COUNTRY ROAD
ROUTE 25A
LAND N/F OF SPRING LAKE BUILDING CORP.
LAND N/F OF SILVER KING BROADCASTING OF N.J. INC.
LAND N/F OF THE N.Y. CONFERENCE OF THE UNITED CHURCH OF CHRIST
LAND N/F OF MARINO
LAND N/F OF BAYLES
MARGARET BLVD.
MAP OF HIGHLAND PARK PLATE 25C
MAP OF HIGHLAND PARK PLATE 24
BROOME STREET
ST. FRANCIS AVE.
GRANT CT.
PEARL CT.
ROPE CT.
MAST CT.
BOWSPRIT LN.
PENNANT AVE.
SPINNAKER AVE.
ROCKY POINT ROAD
(C.R. 21)
MILLER PLACE YAPHANK ROAD
LAKE ELEVATION 60.7
OUTPARCEL
LAND N/F OF ROSA & ANN CORP.
LAND N/F OF HOUSER
LAND N/F OF SCHNEIDER
TOWN OF BROOKHAVEN
SUFFOLK COUNTY
BH-1
BH-2
BH-3
BH-4
BH-5
BH-6
BH-7
BH-8
BH-9
BH-10
BH-11
TW 1A EL 50.73
TW 1B EL 50.73
TW 2A EL 60.52
TW 2B EL 60.52
TW 3A EL 60.41
TW 3B EL 60.41
TW 4A EL 62.34
TW 4B EL 62.34
TW 5A EL 62.53
TW 5B EL 62.53
TW 6A EL 62.53
TW 6B EL 62.53
TW 7A EL 122.26
TW 7B EL 122.26
TW 8A EL 122.32
TW 8B EL 122.32
TW 9A EL 60.41
TW 9B EL 60.41
TW 10A EL 60.41
TW 10B EL 60.41
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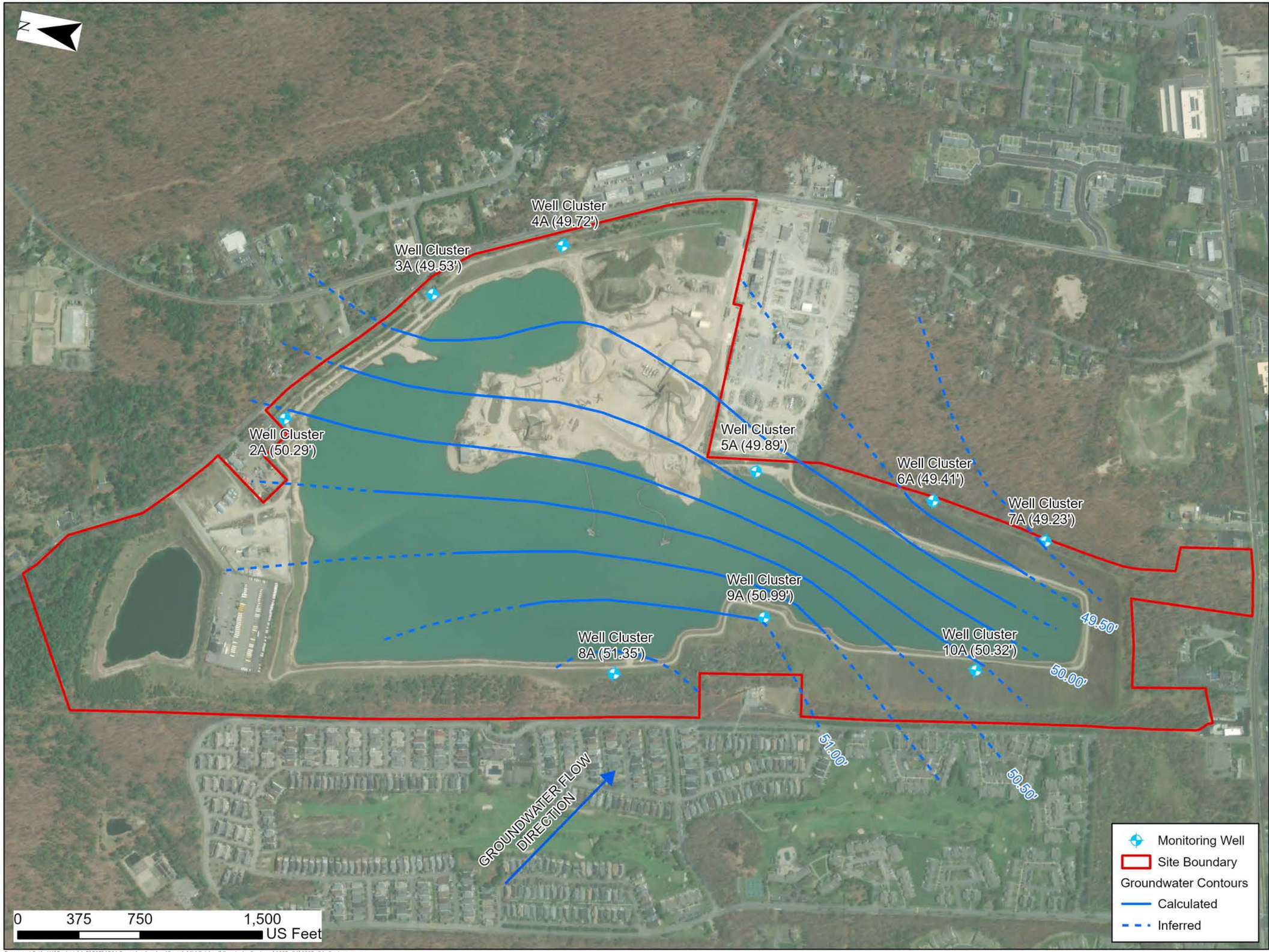
TW 13A EL 60.41
TW 13B EL 60.41
TW



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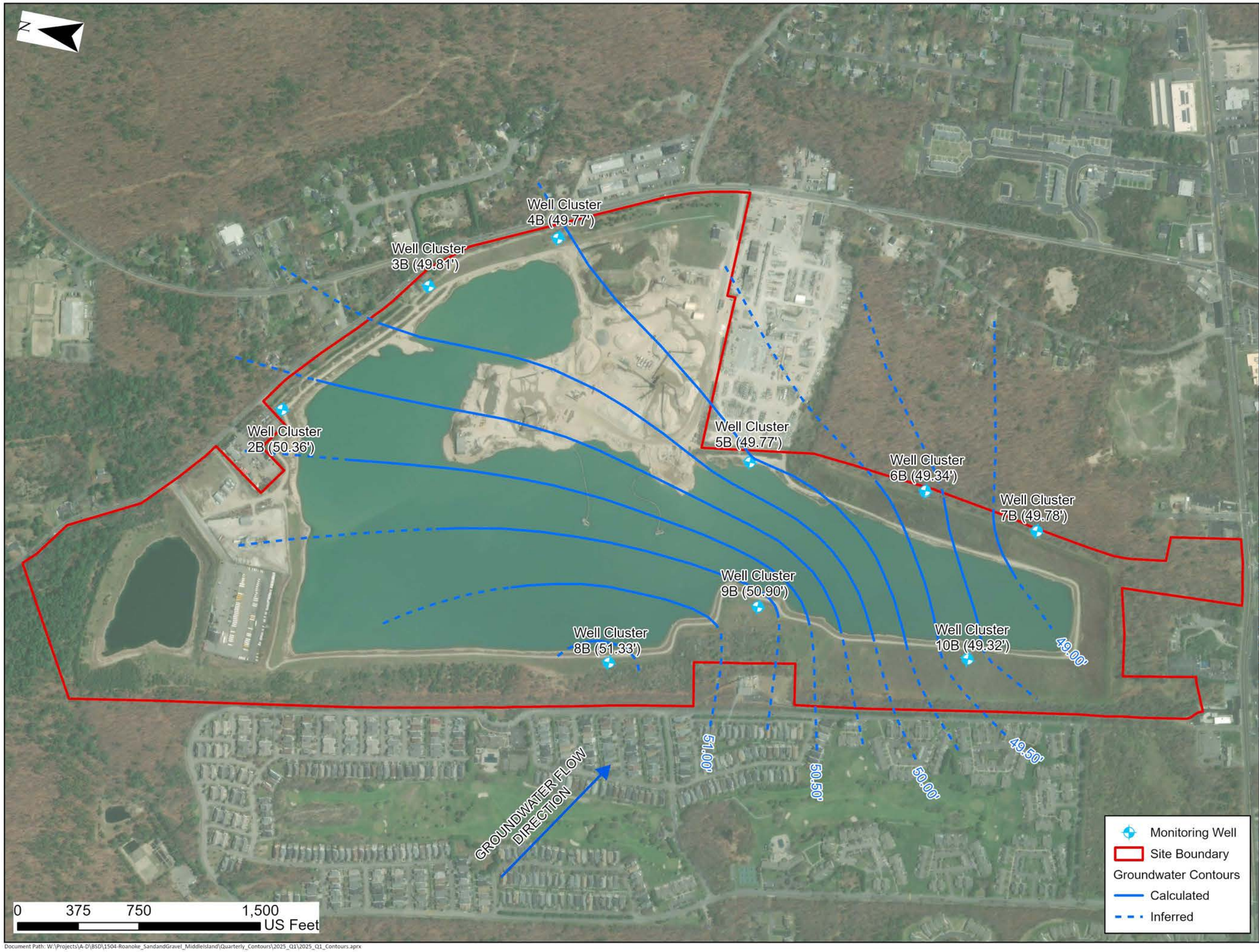
Date:	3/28/2025	Drawn by:	AM
Scale:	AS SHOWN	Approved by:	MM

Groundwater Contours March 2025 - Shallow

104 Rocky Point Road
Middle Island, NY

FIGURE NO:

3



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Date:	3/28/2025	Drawn by:	KM
Scale:	AS SHOWN	Approved by:	MM

Groundwater Contours March 2025 - Deep

104 Rocky Point Road
Middle Island, NY

FIGURE NO:

4

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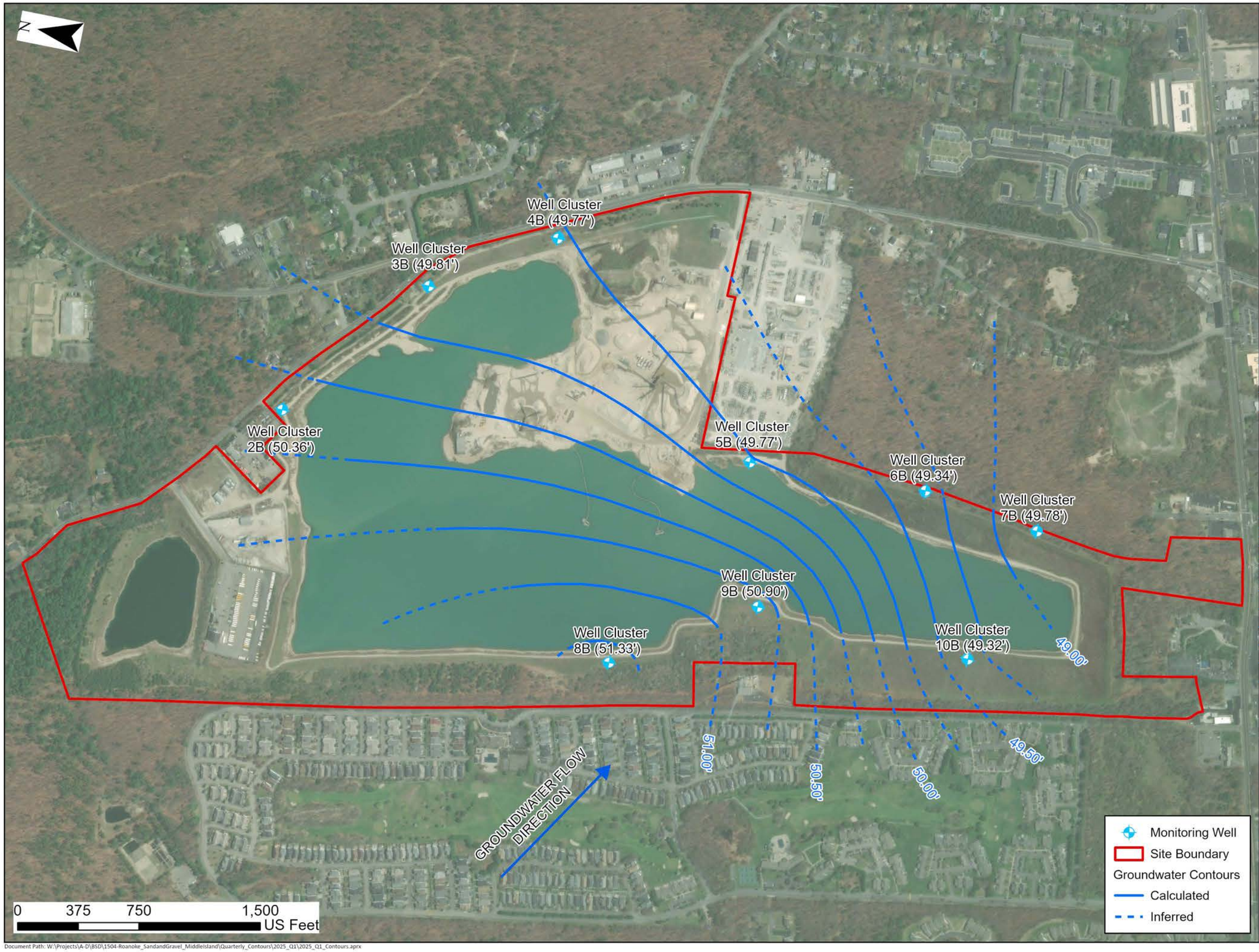

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REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

Project:	BSD1504	Designed by:	MM
Date:	3/28/2025	Drawn by:	KM
Scale:	AS SHOWN	Approved by:	MM

Groundwater Contours March 2025 - Deep

104 Rocky Point Road
Middle Island, NY

FIGURE NO:

4

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ATTACHMENT A

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Well Sampling Log

Well Designation:	2A	**Sampled By:**	KM/MW
Site Address:	104 Rocky Point Road Middle Island NY	**Project Manager:**	RB
		Project Number:	BSD1504

Measuring Point (feet above MSL) (NAVD88)	68.53	**Well Use:**	Monitoring
Depth to Product (ft):	N/A	**Product Elevation (ft):**	N/A
Depth to Water (ft):	18.24	**Groundwater Elevation (ft):**	50.29
Depth to Bottom (ft):	51.34	**Bottom Elevation (ft):**	16.42
Depth to Top Screen BGS (ft):	32.11	**Pump Speed**	28.00%
Depth to Bottom Screen below BGS (ft):	52.11	**Well Diameter (in):**	2
Depth to Pump (ft):	40.00		
Sample Date:	3/4/2025	**Begin Purge Time:**	14:04
Sample Time:	14:43	**Complete Purge Time:**	14:43
Pump Type:	Sample Champ XL	**Sample Method:**	Low Flow
Average Purge Rate (mL/min):	300	**Purge Time (min):**	39
Total Purge Volume (L):	11.70		
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	Alpha/Pace/Galbraith	**Notes:**	Well is accessible and in good condition. Dissolved metals samples were collected using a 0.45 micron in-line filter. Horiba: 227779
Date Shipped:	3/4/2025		
Headspace (ppm)	NM		
Analyses Requested:			
VOCs, SVOCs, TAL Metals(Total and Dissolved), Cations/Anions, Total Dissolved Solids, PCBs, Pesticides, Herbicides			

Field Stabilization Parameters

Reading	DTW (ft) below MP	Time HH:MM	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L	Note
1	NM	14:07	17.07	7.38	48.2	69	0.210	0.00	
2	NM	14:10	14.91	7.41	44.9	30	0.206	0.00	
3	NM	14:13	15.05	7.41	16.8	87	0.207	0.00	
4	NM	14:16	15.07	7.43	11.3	114	0.207	0.00	
5	NM	14:19	15.07	7.44	11.6	138	0.207	0.00	
6	NM	14:22	15.05	7.44	13.6	155	0.207	0.00	
7	NM	14:25	14.93	7.46	14.1	168	0.207	0.00	
8	NM	14:28	14.93	7.48	12.0	181	0.206	0.00	
9	NM	14:31	14.96	7.51	11.9	190	0.206	0.00	
10	NM	14:34	14.97	7.52	9.3	196	0.205	0.00	
11	NM	14:37	14.93	7.57	8.2	201	0.205	1.15	
12	NM	14:40	15.00	7.49	8.7	206	0.206	1.14	
13	**NM**	**14:43**	**14.93**	**7.51**	**7.5**	**208**	**0.206**	**1.12**	
Stabilization Parameters			3%	±0.1	10%*	±10	3%	10%*	

*Turbidity if three values are less than 5NTU , consider the values stabilized

*DO if three values are less than 0.5 mg/L, consider the values stabilized

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Well Sampling Log

Well Designation:	2B	**Sampled By:**	KM/MW
Site Address:	104 Rocky Point Road Middle Island NY	**Project Manager:**	RB
		Project Number:	BSD1504

Measuring Point (feet above MSL) (NAVD88)	68.40	**Well Use:**	Monitoring
Depth to Product (ft):	N/A	**Product Elevation (ft):**	N/A
Depth to Water (ft):	18.04	**Groundwater Elevation (ft):**	50.36
Depth to Bottom (ft):	96.29	**Bottom Elevation (ft):**	-30.01
Depth to Top Screen BGS (ft):	78.74	**Pump Speed**	DNR
Depth to Bottom Screen below BGS (ft):	98.41	**Well Diameter (in):**	2
Depth to Pump (ft):	86.00		
Sample Date:	3/4/2025	**Begin Purge Time:**	14:10
Sample Time:	14:40	**Complete Purge Time:**	14:39
Pump Type	Sample Champ XL	**Sample Method:**	Low Flow
Average Purge Rate (mL/min)	300	**Purge Time (min):**	29
Total Purge Volume (L):	8.70		
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	Alpha/Pace/Galbraith	**Notes:**	Well is accessible and in good condition. Dissolved metals samples were collected using a 0.45 micron in-line filter. Horiba: 213916
Date Shipped:	3/4/2025		
Headspace (ppm)	NM		
Analyses Requested:			
VOCs, SVOCs, TAL Metals(Total and Dissolved), Cations/Anions, Total Dissolved Solids, PCBs, Pesticides, Herbicides			

Field Stabilization Parameters

Reading	DTW (ft) below MP	Time HH:MM	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L	Note
1	NM	14:10	13.81	7.84	35.0	14	0.141	0.91	
2	NM	14:13	13.58	7.75	32.7	57	0.142	0.00	
3	NM	14:16	13.62	7.72	11.2	75	0.142	0.00	
4	NM	14:19	13.64	7.71	7.1	87	0.143	0.00	
5	NM	14:22	13.65	7.71	5.9	93	0.143	0.00	
6	NM	14:25	13.66	7.70	4.8	100	0.143	0.00	
7	NM	14:28	13.63	7.70	1.2	104	0.143	0.00	
8	NM	14:31	13.60	7.70	0.0	102	0.143	0.00	
9	NM	14:34	13.6	7.70	0.0	98	0.143	0.00	
10	NM	14:37	13.59	7.71	0.0	97	0.143	0.00	
11	**NM**	**14:40**	**13.60**	**7.70**	**0.0**	**96**	**0.143**	**0.00**	
Stabilization Parameters			3%	±0.1	10%*	±10	3%	10%*	

*Turbidity if three values are less than 5NTU , consider the values stabilized

*DO if three values are less than 0.5 mg/L, consider the values stabilized

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Well Sampling Log

Well Designation:	3A	**Sampled By:**	KM/MW
Site Address:	104 Rocky Point Road Middle Island NY	**Project Manager:**	RB
	15 Middle Hwy, East Hampton	**Project Number:**	BSD1504

Measuring Point (feet above MSL) (NAVD88)	62.34	**Well Use:**	Monitoring
Depth to Product (ft):	N/A	**Product Elevation (ft):**	N/A
Depth to Water (ft):	12.81	**Groundwater Elevation (ft):**	49.53
Depth to Bottom (ft):	49.26	**Bottom Elevation (ft):**	12.19
Depth to Top Screen BGS (ft):	30.15	**Pump Speed**	DNR
Depth to Bottom Screen below BGS (ft):	50.15	**Well Diameter (in):**	2
Depth to Pump (ft):	38.00		
Sample Date:	3/4/2025	**Begin Purge Time:**	11:20
Sample Time:	12:25	**Complete Purge Time:**	12:20
Pump Type	Sample Champ XL	**Sample Method:**	Low Flow
Average Purge Rate mL/min)	300	**Purge Time (min):**	60
Total Purge Volume (L):	18.00		
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	Alpha/Pace/Galbraith	**Notes:**	Well is accessible and in good condition. Dissolved metals samples were collected using a 0.45 micron in-line filter. Horiba: 227779
Date Shipped:	3/4/2025		
Headspace (ppm)	NM		
Analyses Requested:			

VOCs, SVOCs, TAL Metals(Total and Dissolved), Cations/Anions, Total Dissolved Solids, PCBs, Pesticides, Herbicides, PFAS compounds, 1,4-Dioxane, Radionuclides

Field Stabilization Parameters

Reading	DTW (ft) below MP	Time HH:MM	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L	Note
1	NM	11:20	18.17	7.28	89.7	63	0.229	0.00	
2	NM	11:23	18.19	7.29	53.9	71	0.232	0.00	
3	NM	11:26	17.41	7.32	13.8	80	0.231	0.00	
4	NM	11:29	17.55	7.31	6.6	71	0.229	0.00	
5	NM	11:32	17.71	7.30	9.0	68	0.228	0.00	
6	NM	11:35	17.51	7.31	3.7	55	0.228	0.00	
7	NM	11:38	17.44	7.31	2.8	44	0.228	0.00	
8	NM	11:41	17.60	7.31	2.4	39	0.227	0.00	
9	NM	11:44	17.70	7.30	1.9	35	0.227	0.00	
10	NM	11:47	17.43	7.31	1.8	36	0.227	0.00	
11	NM	11:50	17.66	7.30	1.6	46	0.227	0.00	
12	NM	11:53	17.42	7.31	1.9	67	0.227	0.00	
13	NM	11:56	17.60	7.31	1.8	89	0.228	0.00	
14	NM	11:59	17.44	7.31	2.3	117	0.227	0.00	
15	NM	12:02	17.72	7.31	2.0	139	0.227	0.00	
16	NM	12:05	17.69	7.32	1.8	164	0.226	0.00	
17	NM	12:08	17.65	7.32	2.1	180	0.227	0.00	
18	NM	12:11	17.79	7.37	1.6	191	0.226	0.00	
19	NM	12:14	17.65	7.33	1.6	199	0.227	0.00	
20	NM	12:17	17.55	7.33	1.6	202	0.227	0.00	
21	**NM**	**12:20**	**17.51**	**7.33**	**1.6**	**207**	**0.226**	**0.00**	
Stabilization Parameters			3%	±0.1	10%*	±10	3%	10%*	

*Turbidity if three values are less than 5NTU , consider the values stabilized

*DO if three values are less than 0.5 mg/L, consider the values stabilized

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	3B	**Sampled By:**	KM/MW
Site Address:	104 Rocky Point Road Middle Island NY	**Project Manager:**	RB
		Project Number:	BSD1504

Measuring Point (feet above MSL) (NAVD88)	62.53	**Well Use:**	Monitoring
Depth to Product (ft):	N/A	**Product Elevation (ft):**	N/A
Depth to Water (ft):	12.72	**Groundwater Elevation (ft):**	49.81
Depth to Bottom (ft):	96.29	**Bottom Elevation (ft):**	-33.89
Depth to Top Screen BGS (ft):	76.23	**Pump Speed**	27.00%
Depth to Bottom Screen below BGS (ft):	96.23	**Well Diameter (in):**	2
Depth to Pump (ft):	86.00		

Sample Date:	3/4/2025	**Begin Purge Time:**	11:20
Sample Time:	12:45	**Complete Purge Time:**	12:41
Pump Type	Sample Champ XL	**Sample Method:**	Low Flow
Average Purge Rate (mL/min):	300	**Purge Time (min):**	81
Total Purge Volume (L):	24.30		
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	Alpha/Pace/Galbraith	**Notes:**	Well is accessible and in good condition. Dissolved metals samples were collected using a 0.45 micron in-line filter. Horiba: 213196
Date Shipped:	3/4/2025		
Headspace (ppm)	NM		
Analyses Requested:			

VOCs, SVOCs, TAL Metals(Total and Dissolved), Cations/Anions, Total Dissolved Solids, PCBs, Pesticides, Herbicides

Field Stabilization Parameters

Reading	DTW (ft) below MP	Time HH:MM	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L	Note
1	NM	11:20	15.26	7.65	859	56	0.160	8.64	
2	NM	11:23	14.69	7.80	290	90	0.159	8.36	
3	NM	11:26	14.49	7.81	176	100	0.159	7.96	
4	NM	11:29	14.83	7.81	113	90	0.159	7.50	
5	NM	11:32	15.02	7.82	66.5	77	0.159	7.15	
6	NM	11:35	15.02	7.82	43.1	68	0.158	6.86	
7	NM	11:38	15.01	7.82	32.2	59	0.158	6.52	
8	NM	11:41	14.97	7.82	27.4	41	0.156	6.21	
9	NM	11:44	14.94	7.81	25.9	31	0.154	5.90	
10	NM	11:47	14.80	7.82	23.6	25	0.154	5.67	
11	NM	11:50	14.51	7.81	22.5	20	0.153	5.51	
12	NM	11:53	14.46	7.80	21.6	19	0.153	5.32	
13	NM	11:56	14.59	7.80	19.0	16	0.153	5.06	
14	NM	11:59	14.51	7.80	14.9	13	0.152	4.94	
15	NM	12:02	14.72	7.79	12.4	10	0.152	7.72	
16	NM	12:05	14.60	7.80	11.0	7	0.151	4.57	
17	NM	12:08	14.71	7.79	10.2	5	0.151	4.39	
18	NM	12:11	14.69	7.80	9.4	3	0.150	4.24	
19	NM	12:14	14.73	7.80	9.9	0	0.150	4.05	
20	NM	12:17	14.58	7.80	9.5	-1	0.150	3.96	
21	NM	12:20	14.43	7.80	9.3	-2	0.150	3.84	
22	NM	12:23	14.46	7.79	9.1	-2	0.150	3.67	
23	NM	12:26	14.43	7.80	9.4	-4	0.150	3.51	
24	NM	12:29	14.58	7.79	8.6	-5	0.150	3.35	
25	NM	12:32	14.47	7.79	9.1	-5	0.150	3.23	
26	NM	12:35	14.51	7.79	8.9	-5	0.150	3.09	
27	NM	12:38	14.39	7.79	9.0	-6	0.150	2.97	
28	**NM**	**12:41**	**14.45**	**7.79**	**9.7**	**-6**	**0.150**	**2.83**	
Stabilization Parameters			3%	±0.1	10%*	±10	3%	10%*	

*Turbidity if three values are less than 5NTU , consider the values stabilized

*DO if three values are less than 0.5 mg/L, consider the values stabilized

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	4A	**Sampled By:**	KM/MW
Site Address:	104 Rocky Point Road Middle Island NY	**Project Manager:**	RB
		Project Number:	BSD1504

Measuring Point (feet above MSL) (NAVD88)	61.52	**Well Use:**	Monitoring
Depth to Product (ft):	N/A	**Product Elevation (ft):**	N/A
Depth to Water (ft):	11.80	**Groundwater Elevation (ft):**	49.72
Depth to Bottom (ft):	28.72	**Bottom Elevation (ft):**	32.33
Depth to Top Screen BGS (ft):	9.19	**Pump Speed**	25.00
Depth to Bottom Screen below BGS (ft):	29.19	**Well Diameter (in):**	2
Depth to Pump (ft):	17.00		

Sample Date:	3/4/2025	**Begin Purge Time:**	08:38
Sample Time:	09:25	**Complete Purge Time:**	09:23
Pump Type	Sample Champ XL	**Sample Method:**	Low Flow
Average Purge Rate (mL/min)	300	**Purge Time (min):**	45
Total Purge Volume (L):	13.50		
Sample Appearance:	Clear	**Odors Observed:**	Slightly Sulfuric
Analytical Laboratory:	Alpha/Pace/Galbraith	**Notes:**	Well is accessible and in good condition. Dissolved metals samples were collected using a 0.45 micron in-line filter. Horiba: 213196
Date Shipped:	3/4/2025		
Headspace (ppm)	NM		
Analyses Requested:			
VOCs, SVOCs, TAL Metals(Total and Dissolved), Cations/Anions, Total Dissolved Solids, PCBs, Pesticides, Herbicides			

Field Stabilization Parameters

Reading	DTW (ft) below MP	Time HH:MM	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L	Note
1	NM	8:38	13.92	5.76	158	371	0.165	0.98	
2	NM	8:41	14.09	7.24	89.4	282	0.149	2.01	
3	NM	8:44	14.26	7.39	68.7	262	0.148	2.17	
4	NM	8:47	14.47	7.43	52.1	250	0.147	2.05	
5	NM	8:50	14.45	7.46	39.5	243	0.146	1.87	
6	NM	8:53	14.45	7.47	27.7	239	0.146	1.74	
7	NM	8:56	14.69	7.50	19.2	235	0.146	1.76	
8	NM	8:59	14.70	7.51	12.5	233	0.145	1.59	
9	NM	9:02	14.94	7.52	7.8	231	0.145	1.42	
10	NM	9:05	14.82	7.52	5.0	230	0.145	1.24	
11	NM	9:08	14.94	7.52	3.6	230	0.145	1.09	
12	NM	9:11	14.85	7.54	2.2	228	0.145	0.90	
13	NM	9:14	14.87	7.54	0.1	227	0.145	0.76	
14	NM	9:17	14.96	7.53	0.0	227	0.145	0.59	
15	NM	9:20	15.01	7.54	0.0	227	0.145	0.51	
16	**NM**	**9:23**	**15.05**	**7.53**	**0.0**	**226**	**0.145**	**0.46**	DTW 11.80
Stabilization Parameters			3%	±0.1	10%*	±10	3%	10%*	

*Turbidity if three values are less than 5NTU , consider the values stabilized

*DO if three values are less than 0.5 mg/L, consider the values stabilized

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	4B	**Sampled By:**	KM/MW
Site Address:	104 Rocky Point Road Middle Island NY	**Project Manager:**	RB
		Project Number:	BSD1504

Measuring Point (feet above MSL) (NAVD88)	61.45	**Well Use:**	Monitoring
Depth to Product (ft):	N/A	**Product Elevation (ft):**	N/A
Depth to Water (ft):	11.68	**Groundwater Elevation (ft):**	49.77
Depth to Bottom (ft):	46.66	**Bottom Elevation (ft):**	14.22
Depth to Top Screen BGS (ft):	27.23	**Pump Speed**	26.00%
Depth to Bottom Screen below BGS (ft):	47.23	**Well Diameter (in):**	2
Depth to Pump (ft):	40.00		
Sample Date:	3/4/2025	**Begin Purge Time:**	8:41
Sample Time:	10:10	**Complete Purge Time:**	10:08
Pump Type	Sample Champ XL	**Sample Method:**	Low Flow
Average Purge Rate (mL/min)	300	**Purge Time (min):**	87
Total Purge Volume (L):	26.1		
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	Alpha/Pace/Galbraith	**Notes:**	Well is accessible and in good condition. Dissolved metals samples were collected using a 0.45 micron in-line filter. Horiba:227779
Date Shipped:	3/4/2025		
Headspace (ppm)	NM		
Analyses Requested:			
VOCs, SVOCs, TAL Metals(Total and Dissolved), Cations/Anions, Total Dissolved Solids, PCBs, Pesticides, Herbicides			

Field Stabilization Parameters

Reading	DTW (ft) below MP	Time HH:MM	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L	Note
1	NM	8:41	9.78	6.39	1000+	303	0.237	3.90	
2	NM	8:44	11.36	7.01	1000+	326	0.209	4.41	
3	NM	8:47	12.00	7.18	1000+	237	0.206	4.16	
4	NM	8:50	12.34	7.25	620	341	0.204	3.90	
5	NM	8:53	12.57	7.28	374	342	0.202	3.54	
6	NM	8:56	12.60	7.29	218	343	0.201	3.34	
7	NM	8:59	12.84	7.30	118	343	0.199	3.28	
8	NM	9:02	12.96	7.30	85.6	346	0.199	3.19	
9	NM	9:05	12.96	7.31	64.9	348	0.198	2.99	
10	NM	9:08	12.99	7.32	43.5	349	0.198	2.86	
11	NM	9:11	13.09	7.31	36.6	357	0.198	2.85	
12	NM	9:14	13.06	7.32	25.2	352	0.197	2.77	
13	NM	9:17	13.12	7.32	22.3	353	0.197	2.72	
14	NM	9:20	12.89	7.31	26.2	354	0.196	2.81	
15	NM	9:23	12.52	7.33	15.0	357	0.193	2.73	
16	NM	9:26	12.13	7.32	19.6	358	0.201	2.75	
17	NM	9:29	12.07	7.31	13.8	358	0.198	2.66	
18	NM	9:32	12.05	7.29	10.6	357	0.197	2.50	
19	NM	9:35	12.04	7.30	9.1	356	0.196	2.31	
20	NM	9:38	12.12	7.30	8.0	355	0.196	2.32	
21	NM	9:41	12.25	7.30	7.8	354	0.195	2.23	
22	NM	9:44	12.15	7.30	7.0	352	0.195	2.11	
23	NM	9:47	12.30	7.30	7.1	350	0.196	2.08	
24	NM	9:50	12.32	7.30	7.0	350	0.195	2.09	
25	NM	9:53	12.33	7.31	7.1	349	0.194	2.03	
26	NM	9:56	12.29	7.31	1.2	348	0.195	1.98	
27	NM	9:59	12.41	7.31	0.9	347	0.195	1.97	
28	NM	10:02	12.50	7.31	0.0	346	0.195	2.03	
29	NM	10:05	12.73	7.31	0.0	343	0.195	2.05	
30	**NM**	**10:08**	**12.82**	**7.32**	**0.0**	**341**	**0.194**	**2.03**	
Stabilization Parameters			3%	±0.1	10%*	±10	3%	10%*	

*Turbidity if three values are less than 5NTU , consider the values stabilized

*DO if three values are less than 0.5 mg/L, consider the values stabilized

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	5A	**Sampled By:**	KM/MW
Site Address:	104 Rocky Point Road Middle Island NY	**Project Manager:**	RB
		Project Number:	BSD1504

Measuring Point (feet above MSL) (NAVD88)	59.54	**Well Use:**	Monitoring
Depth to Product (ft):	N/A	**Product Elevation (ft):**	N/A
Depth to Water (ft):	9.65	**Groundwater Elevation (ft):**	49.89
Depth to Bottom (ft):	38.31	**Bottom Elevation (ft):**	20.20
Depth to Top Screen BGS (ft):	19.34	**Pump Speed**	22.00%
Depth to Bottom Screen below BGS (ft):	39.34	**Well Diameter (in):**	2
Depth to Pump (ft):	22.00		
Sample Date:	3/4/2025	**Begin Purge Time:**	10:57
Sample Time:	11:20	**Complete Purge Time:**	11:18
Pump Type	Sample Champ XL	**Sample Method:**	Low Flow
Average Purge Rate (mL/min)	300	**Purge Time (min):**	21
Total Purge Volume (L):	6.30		
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	Alpha/Pace/Galbraith	**Notes:**	Well is accessible and in good condition. Dissolved metals samples were collected using a 0.45 micron in-line filter. Horiba: 227779
Date Shipped:	3/5/2025		
Headspace (ppm)	NM		
Analyses Requested:			
VOCs, SVOCs, TAL Metals(Total and Dissolved), Cations/Anions, Total Dissolved Solids, PCBs, Pesticides, Herbicides			

Field Stabilization Parameters

Reading	DTW (ft) below MP	Time HH:MM	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L	Note
1	NM	10:57	13.04	7.5	0.0	297	0.199	7.21	
2	NM	11:00	13.24	7.54	0.0	303	0.199	7.26	
3	NM	11:03	13.37	7.56	0.0	307	0.199	7.43	
4	NM	11:06	13.56	7.55	0.0	311	0.199	7.33	
5	NM	11:09	13.36	7.55	0.0	314	0.199	7.24	
6	NM	11:12	13.63	7.55	0.0	315	0.199	7.22	
7	NM	11:15	13.65	7.54	0.0	316	0.199	7.20	
8	**NM**	**11:18**	**13.68**	**7.54**	**0.0**	**317**	**0.199**	**7.19**	
Stabilization Parameters			3%	±0.1	10%*	±10	3%	10%*	

*Turbidity if three values are less than 5NTU , consider the values stabilized

*DO if three values are less than 0.5 mg/L, consider the values stabilized

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	5B	**Sampled By:**	KM/MW
Site Address:	104 Rocky Point Road Middle Island NY	**Project Manager:**	RB
		Project Number:	BSD1504

Measuring Point (feet above MSL) (NAVD88)	59.36	**Well Use:**	Monitoring
Depth to Product (ft):	N/A	**Product Elevation (ft):**	N/A
Depth to Water (ft):	9.59	**Groundwater Elevation (ft):**	49.77
Depth to Bottom (ft):	106.28	**Bottom Elevation (ft):**	-48.59
Depth to Top Screen BGS (ft):	87.95	**Pump Speed**	27%
Depth to Bottom Screen below BGS (ft):	107.95	**Well Diameter (in):**	2
Depth to Pump (ft):	96.00		
Sample Date:	3/5/2025	**Begin Purge Time:**	10:57
Sample Time:	11:25	**Complete Purge Time:**	11:21
Pump Type	Sample Champ XL	**Sample Method:**	Low Flow
Average Purge Rate (mL/min):	300	**Purge Time (min):**	24
Total Purge Volume (L):	7.20		
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	Alpha/Pace/Galbraith	**Notes:**	Well is accessible and in good condition. Dissolved metals samples were collected using a 0.45 micron in-line filter. Horiba:213196
Date Shipped:	3/5/2025		
Headspace (ppm)	NM		
Analyses Requested:			
VOCs, SVOCs, TAL Metals(Total and Dissolved), Cations/Anions, Total Dissolved Solids, PCBs, Pesticides, Herbicides			

Field Stabilization Parameters

Reading	DTW (ft) below MP	Time HH:MM	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L	Note
1	NM	10:57	12.64	6.75	9.4	213	0.124	4.42	
2	NM	11:00	12.41	6.72	5.4	248	0.127	1.99	
3	NM	11:03	12.42	6.71	2.5	252	0.127	1.46	
4	NM	11:06	12.41	6.69	1.0	257	0.126	1.62	
5	NM	11:09	12.39	6.68	0.1	263	0.126	1.85	
6	NM	11:12	12.37	6.68	0.0	269	0.126	1.87	
7	NM	11:15	12.35	6.68	0.0	270	0.126	1.85	
8	NM	11:18	12.37	6.68	0.0	278	0.126	1.87	
9	**NM**	**11:21**	**12.36**	**6.68**	**0.0**	**279**	**0.126**	**1.86**	
Stabilization Parameters			3%	±0.1	10%*	±10	3%	10%*	

*Turbidity if three values are less than 5NTU , consider the values stabilized

*DO if three values are less than 0.5 mg/L, consider the values stabilized

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	6A	**Sampled By:**	KM/MW
Site Address:	104 Rocky Point Road Middle Island NY	**Project Manager:**	RB
		Project Number:	BSD1504

Measuring Point (feet above MSL) (NAVD88)	122.30	**Well Use:**	Monitoring
Depth to Product (ft):	N/A	**Product Elevation (ft):**	N/A
Depth to Water (ft):	72.89	**Groundwater Elevation (ft):**	49.41
Depth to Bottom (ft):	106.00	**Bottom Elevation (ft):**	8.70
Depth to Top Screen BGS (ft):	84.00	**Pump Speed**	61.00%
Depth to Bottom Screen below BGS (ft):	104.00	**Well Diameter (in):**	2
Depth to Pump (ft):	94.00		
Sample Date:	3/5/2025	**Begin Purge Time:**	09:03
Sample Time:	09:25	**Complete Purge Time:**	09:24
Pump Type	Sample Champ XL	**Sample Method:**	Low Flow
Average Purge Rate (mL/min):	280	**Purge Time (min):**	21
Total Purge Volume (L):	5.88		
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	Alpha/Pace/Galbraith	**Notes:**	Well is accessible and in good condition. Dissolved metals samples were collected using a 0.45 micron in-line filter. Horiba:227779
Date Shipped:	3/5/2025		
Headspace (ppm)	NM		
Analyses Requested:			

VOCs, SVOCs, TAL Metals(Total and Dissolved), Cations/Anions, Total Dissolved Solids, PCBs, Pesticides, Herbicides, PFAS compounds,1,4-Dioxane, Radionuclides

Field Stabilization Parameters

Reading	DTW (ft) below MP	Time HH:MM	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L	Note
1	NM	9:03	12.31	6.90	3.4	288	0.204	5.11	
2	NM	9:06	12.27	7.06	1.6	291	0.209	5.4	
3	NM	9:09	12.82	7.06	0.2	289	0.214	5.62	
4	NM	9:12	13.00	7.06	0.0	289	0.215	5.01	
5	NM	9:15	13.06	7.06	0.0	293	0.214	4.59	
6	NM	9:18	13.14	7.06	0.0	297	0.212	4.26	
7	NM	9:21	13.18	7.05	0.0	300	0.213	4.13	
8	**NM**	**9:24**	**13.16**	**7.06**	**0.0**	**303**	**0.213**	**4.09**	DTW 72.99
Stabilization Parameters			3%	±0.1	10%*	±10	3%	10%*	

*Turbidity if three values are less than 5NTU , consider the values stabilized

*DO if three values are less than 0.5 mg/L, consider the values stabilized

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	6B	**Sampled By:**	KM/MW
Site Address:	104 Rocky Point Road Middle Island NY	**Project Manager:**	RB
		Project Number:	BSD1504

Measuring Point (feet above MSL) (NAVD88)	122.25	**Well Use:**	Monitoring
Depth to Product (ft):	N/A	**Product Elevation (ft):**	N/A
Depth to Water (ft):	72.91	**Groundwater Elevation (ft):**	49.34
Depth to Bottom (ft):	113.60	**Bottom Elevation (ft):**	8.65
Depth to Top Screen BGS (ft):	93.60	**Pump Speed**	65.00%
Depth to Bottom Screen below BGS (ft):	113.60	**Well Diameter (in):**	2
Depth to Pump (ft):	103.00		
Sample Date:	3/5/2025	**Begin Purge Time:**	09:00
Sample Time:	9:27	**Complete Purge Time:**	09:24
Pump Type	Sample Champ XL	**Sample Method:**	Low Flow
Average Purge Rate (L/M):	300	**Purge Time (min):**	24
Total Purge Volume (L):	7.20		
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	Alpha/Pace/Galbraith	**Notes:**	Well is accessible and in good condition. Dissolved metals samples were collected using a 0.45 micron in-line filter. Horiba:213196
Date Shipped:	3/5/2025		
Headspace (ppm)	NM		
Analyses Requested:			
VOCs, SVOCs, TAL Metals(Total and Dissolved), Cations/Anions, Total Dissolved Solids, PCBs, Pesticides, Herbicides			

Field Stabilization Parameters

Reading	DTW (ft) below MP	Time HH:MM	Temp. (ºC)	pH	Turbidity	ORP mV	Cond. (mS/cm)	DO mg/L	Note
1	NM	9:03	12.12	6.81	0.0	201	0.126	1.60	
2	NM	9:06	12.05	6.66	0.4	226	0.126	1.05	
3	NM	9:09	12.29	6.65	1.8	224	0.125	0.97	
4	NM	9:12	12.66	6.66	0.8	222	0.124	1.23	
5	NM	9:15	12.82	6.67	0.0	224	0.124	1.41	
6	NM	9:18	12.95	6.68	0.0	226	0.124	1.53	
7	NM	9:21	13.00	6.68	0.0	229	0.124	1.55	
8	**NM**	**9:24**	**13.00**	**6.69**	**0.0**	**232**	**0.124**	**1.60**	**DTW 72.91**
Stabilization Parameters			3%	±0.1	10%*	±10	3%	10%*	

*Turbidity if three values are less than 5NTU , consider the values stabilized

*DO if three values are less than 0.5 mg/L, consider the values stabilized

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	7A	**Sampled By:**	KM/MW
Site Address:	104 Rocky Point Road Middle Island NY	**Project Manager:**	RB
		Project Number:	BSD1504

Measuring Point (feet above MSL) (NAVD88)	138.96	**Well Use:**	Monitoring
Depth to Product (ft):	N/A	**Product Elevation (ft):**	N/A
Depth to Water (ft):	89.73	**Groundwater Elevation (ft):**	49.23
Depth to Bottom (ft):	104.29	**Bottom Elevation (ft):**	34.63
Depth to Top Screen BGS (ft):	84.33	**Pump Speed**	86.00%
Depth to Bottom Screen below BGS (ft):	104.33	**Well Diameter (in):**	2
Depth to Pump (ft):	94.00		

Sample Date:	3/5/2025	**Begin Purge Time:**	07:52
Sample Time:	08:15	**Complete Purge Time:**	08:13
Pump Type	Sample Champ XL	**Sample Method:**	Low Flow
Average Purge Rate (mL/min)	300	**Purge Time (min):**	21
Total Purge Volume (L):	6.3		
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	Alpha/Pace/Galbraith	**Notes:**	Well is accessible and in good condition. Dissolved metals samples were collected using a 0.45 micron in-line filter. Horiba:227779
Date Shipped:	3/5/2025		
Headspace (ppm)	NM		
Analyses Requested:			
VOCs, SVOCs, TAL Metals(Total and Dissolved), Cations/Anions, Total Dissolved Solids, PCBs, Pesticides, Herbicides			

Field Stabilization Parameters

Reading	DTW (ft) below MP	Time HH:MM	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L	Note
1	NM	7:55	11.60	6.87	4.3	326	0.523	0.00	
2	NM	7:58	11.91	6.88	3.7	311	0.520	0.00	
3	NM	8:01	12.63	6.86	3.1	304	0.526	0.00	
4	NM	8:04	13.50	6.89	2.5	295	0.533	0.00	
5	NM	8:07	13.82	6.89	2.1	291	0.537	0.00	
6	NM	8:10	13.82	6.89	2.1	291	0.537	0.00	
7	**NM**	**8:13**	**13.82**	**6.90**	**2.1**	**291**	**0.538**	**0.00**	
Stabilization Parameters			3%	±0.1	10%*	±10	3%	10%*	

*Turbidity if three values are less than 5NTU , consider the values stabilized

*DO if three values are less than 0.5 mg/L, consider the values stabilized

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	7B	**Sampled By:**	KM/MW
Site Address:	104 Rocky Point Road Middle Island NY	**Project Manager:**	RB
		Project Number:	BSD1504

Measuring Point (feet above MSL) (NAVD88)	138.76	**Well Use:**	Monitoring
Depth to Product (ft):	N/A	**Product Elevation (ft):**	N/A
Depth to Water (ft):	89.98	**Groundwater Elevation (ft):**	48.78
Depth to Bottom (ft):	159.90	**Bottom Elevation (ft):**	-21.14
Depth to Top Screen BGS (ft):	140	**Pump Speed**	91%
Depth to Bottom Screen below BGS (ft):	159.90	**Well Diameter (in):**	2
Depth to Pump (ft):	150.00		

Sample Date:	3//5/2025	**Begin Purge Time:**	07:55
Sample Time:	08:13	**Complete Purge Time:**	08:10
Pump Type	Sample Champ XL	**Sample Method:**	Low Flow
Average Purge Rate (mL/min):	380	**Purge Time (min):**	15
Total Purge Volume (L):	5.70		
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	Alpha/Pace/Galbraith	**Notes:**	Well is accessible and in good condition. Dissolved metals samples were collected using a 0.45 micron in-line filter. Horiba:213916
Date Shipped:	3/5/2025		
Headspace (ppm)	NM		
Analyses Requested:			
VOCs, SVOCs, TAL Metals(Total and Dissolved), Cations/Anions, Total Dissolved Solids, PCBs, Pesticides, Herbicides			

Field Stabilization Parameters

Reading	DTW (ft) below MP	Time HH:MM	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L	Note
1	NM	7:55	12.14	7.07	11.3	138	0.152	3.74	
2	NM	7:58	12.91	7.04	1.5	124	0.151	0.00	
3	NM	8:01	13.05	7.06	0.00	115	0.151	0.00	
4	NM	8:04	13.07	7.05	0.00	109	0.151	0.00	
5	NM	8:07	13.06	7.05	0.00	107	0.151	0.00	
6	**NM**	**8:10**	**13.06**	**7.05**	**0.00**	**106**	**0.151**	**0.00**	
Stabilization Parameters			3%	±0.1	10%*	±10	3%	10%*	

*Turbidity if three values are less than 5NTU , consider the values stabilized

*DO if three values are less than 0.5 mg/L, consider the values stabilized

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	8A	**Sampled By:**	KM/MW
Site Address:	104 Rocky Point Road Middle Island NY	**Project Manager:**	RB
		Project Number:	BSD1504

Measuring Point (feet above MSL) (NAVD88)	60.41	**Well Use:**	Monitoring
Depth to Product (ft):	N/A	**Product Elevation (ft):**	N/A
Depth to Water (ft):	9.06	**Groundwater Elevation (ft):**	51.35
Depth to Bottom (ft):	35.15	**Bottom Elevation (ft):**	25.26
Depth to Top Screen BGS (ft):	15.15	**Pump Speed**	25.0%
Depth to Bottom Screen below BGS (ft):	35.15	**Well Diameter (in):**	2
Depth to Pump (ft):	23.00		

Sample Date:	3/5/2025	**Begin Purge Time:**	15:36
Sample Time:	16:20	**Complete Purge Time:**	16:19
Pump Type	Sample Champ XL	**Sample Method:**	Low Flow
Average Purge Rate (mL/min)	300	**Purge Time (min):**	43
Total Purge Volume (L):	12.9		
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	Alpha/Pace/Galbraith	**Notes:**	Well is accessible and in good condition. Dissolved metals samples were collected using a 0.45 micron in-line filter. Horiba: 213916
Date Shipped:	3/5/2025		
Headspace (ppm)	NM		

Analyses Requested:

VOCs, SVOCs, TAL Metals(Total and Dissolved), Cations/Anions, Total Dissolved Solids, PCBs, Pesticides, Herbicides, PFAS compounds,1,4-Dioxane, Radionuclides

Field Stabilization Parameters

Reading	DTW (ft)	Time	Temp.	pH	Turbidity	ORP	Cond.	DO	Note
	below MP	HH:MM	(ºC)		NTU	mV	(mS/cm)	mg/L	
1	NM	15:46	12.42	6.61	9.2	283	0.096	9.26	
2	NM	15:49	12.45	6.59	5.1	285	0.095	9.12	
3	NM	15:52	12.47	6.54	0.0	289	0.096	9.03	
4	NM	15:55	12.51	6.52	0.0	293	0.096	8.96	
5	NM	15:58	12.60	6.52	0.0	297	0.096	8.51	
6	NM	16:01	12.64	6.53	0.0	298	0.097	8.20	
7	NM	16:04	12.51	6.49	0.0	299	0.097	8.39	
8	NM	16:07	12.52	6.49	0.0	302	0.095	8.16	
9	NM	16:10	12.52	6.48	0.0	305	0.096	8.16	
10	NM	16:13	12.51	6.48	0.0	307	0.096	8.18	
11	NM	16:16	12.48	6.47	0.0	308	0.095	8.19	
12	**NM**	**16:19**	**12.48**	**6.48**	**0.0**	**308**	**0.096**	**8.05**	

Stabilization Parameters	3%	±0.1	10%*	±10	3%	10%*

*Turbidity if three values are less than 5NTU , consider the values stabilized

*DO if three values are less than 0.5 mg/L, consider the values stabilized

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	8B	**Sampled By:**	KM/VC
Site Address:	104 Rocky Point Road Middle Island NY	**Project Manager:**	RB
		Project Number:	BSD1504

Measuring Point (feet above MSL) (NAVD88)	60.34	**Well Use:**	Monitoring
Depth to Product (ft):	N/A	**Product Elevation (ft):**	N/A
Depth to Water (ft):	9.01	**Groundwater Elevation (ft):**	51.33
Depth to Bottom (ft):	134.20	**Bottom Elevation (ft):**	-75.74
Depth to Top Screen BGS (ft):	116.08	**Pump Speed**	25.0%
Depth to Bottom Screen below BGS (ft):	136.08	**Well Diameter (in):**	2
Depth to Pump (ft):	124.00		

Sample Date:	3/5/2025	**Begin Purge Time:**	15:37
Sample Time:	16:45	**Complete Purge Time:**	16:43
Pump Type	Sample Champ XL	**Sample Method:**	Low Flow
Average Purge Rate (mL/min)	300	**Purge Time (min):**	66
Total Purge Volume (L):	19.8		
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	Alpha/Pace/Galbraith	**Notes:**	Well is accessible and in good condition. Dissolved metals samples were collected using a 0.45 micron in-line filter. Horiba:22779
Date Shipped:	3/5/2025		
Headspace (ppm)	NM		
Analyses Requested:			
VOCs, SVOCs, TAL Metals(Total and Dissolved), Cations/Anions, Total Dissolved Solids, PCBs, Pesticides, Herbicides			

Field Stabilization Parameters

Reading	DTW (ft) below MP	Time HH:MM	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L	Note
1	NM	15:40	12.22	6.64	1000+	62	0.101	0.00	
2	NM	15:43	12.02	6.74	481	64	0.101	1.25	
3	NM	15:46	12.02	6.79	366	44	0.102	0.00	
4	NM	15:49	12.08	6.82	217	31	0.102	0.00	
5	NM	15:52	12.12	6.82	141	25	0.101	0.00	
6	NM	15:55	12.15	6.81	92.7	23	0.101	0.00	
7	NM	15:58	12.15	6.80	58.3	2	0.101	0.00	
8	NM	16:01	12.18	6.80	35.3	24	0.102	0.00	
9	NM	16:04	12.18	6.78	28.6	27	0.102	0.00	
10	NM	16:07	12.15	6.79	18.0	26	0.103	0.00	
11	NM	16:10	12.14	6.78	17.0	26	0.102	0.00	
12	NM	16:13	12.13	6.78	12.1	24	0.102	0.00	
13	NM	16:16	12.13	6.78	10.2	22	0.102	0.00	
14	NM	16:19	12.10	6.78	8.0	18	0.102	0.00	
15	NM	16:22	12.10	6.77	7.4	16	0.102	0.00	
16	NM	16:25	12.09	6.76	5.2	12	0.102	0.00	
17	NM	16:28	12.08	6.77	4.6	9	0.102	0.00	
18	NM	16:31	12.04	6.77	2.9	7	0.102	0.00	
19	NM	16:34	12.03	6.75	1.4	7	0.102	0.00	
20	NM	16:37	12.03	6.75	0.0	7	0.102	0.00	
21	NM	16:40	12.04	6.75	0.0	7	0.102	0.00	
22	**NM**	**16:43**	**12.04**	**6.74**	**0.0**	**7**	**0.102**	**0.00**	
Stabilization Parameters			3%	±0.1	10%*	±10	3%	10%*	

*Turbidity if three values are less than 5NTU , consider the values stabilized

*DO if three values are less than 0.5 mg/L, consider the values stabilized

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	9A	**Sampled By:**	KM/MW
Site Address:	104 Rocky Point Road Middle Island NY	**Project Manager:**	RB
		Project Number:	BSD1504

Measuring Point (feet above MSL) (NAVD88)	59.01	**Well Use:**	Monitoring
Depth to Product (ft):	N/A	**Product Elevation (ft):**	N/A
Depth to Water (ft):	8.02	**Groundwater Elevation (ft):**	50.99
Depth to Bottom (ft):	34.82	**Bottom Elevation (ft):**	23.65
Depth to Top Screen BGS (ft):	15.36	**Pump Speed**	26.00%
Depth to Bottom Screen below BGS (ft):	35.36	**Well Diameter (in):**	2
Depth to Pump (ft):	23.00		

Sample Date:	3/5/2025	**Begin Purge Time:**	13:51
Sample Time:	14:10	**Complete Purge Time:**	14:09
Pump Type	Sample Champ XL	**Sample Method:**	Low Flow
Average Purge Rate (mL/min):	300	**Purge Time (min):**	18
Total Purge Volume (L):	5.40		
Sample Appearance:	Clear	**Odors Observed:**	None
Analytical Laboratory:	Alpha/Pace/Galbraith	**Notes:**	Well is accessible and in good condition. Dissolved metals samples were collected using a 0.45 micron in-line filter. Horiba:227779
Date Shipped:	3/5/2025		
Headspace (ppm)	NM		
Analyses Requested:			
VOCs, SVOCs, TAL Metals(Total and Dissolved), Cations/Anions, Total Dissolved Solids, PCBs, Pesticides, Herbicides			

Field Stabilization Parameters

Reading	DTW (ft) below MP	Time HH:MM	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L	Note
1	NM	13:51	11.30	5.62	41.7	397	0.182	5.82	
2	NM	13:54	11.47	5.68	2.7	407	0.181	5.50	
3	NM	13:57	11.50	5.69	0.0	416	0.181	5.33	
4	NM	14:00	11.58	5.70	0.0	421	0.181	5.49	
5	NM	14:03	11.59	5.70	0.0	422	0.181	5.49	
6	NM	14:06	11.60	5.71	0.0	423	0.181	5.50	
7	**NM**	**14:09**	**11.64**	**5.71**	**0.0**	**425**	**0.181**	**5.53**	
Stabilization Parameters			3%	±0.1	10%*	±10	3%	10%*	

*Turbidity if three values are less than 5NTU , consider the values stabilized

*DO if three values are less than 0.5 mg/L, consider the values stabilized

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	9B	**Sampled By:**	KM/MW
Site Address:	104 Rocky Point Road Middle Island NY	**Project Manager:**	RB
		Project Number:	BSD1504

Measuring Point (feet above MSL) (NAVD88)	59.09	**Well Use:**	Monitoring
Depth to Product (ft):	N/A	**Product Elevation (ft):**	N/A
Depth to Water (ft):	8.19	**Groundwater Elevation (ft):**	50.90
Depth to Bottom (ft):	125.65	**Bottom Elevation (ft):**	-68.28
Depth to Top Screen BGS (ft):	107.37	**Pump Speed**	31.00%
Depth to Bottom Screen below BGS (ft):	127.37	**Well Diameter (in):**	2
Depth to Pump (ft):	115.00		

Sample Date:	3/5/2025	**Begin Purge Time:**	13:51
Sample Time:	15:15	**Complete Purge Time:**	15:12
Pump Type	Sample Champ XL	**Sample Method:**	Low Flow
Average Purge Rate (mL/min)	300	**Purge Time (min):**	81
Total Purge Volume (L):	24.3		
Sample Appearance:	Clear	**Odors Observed:**	Organic
Analytical Laboratory:	Alpha/Pace/Galbraith	**Notes:**	Well is accessible and in good condition. Dissolved metals samples were collected using a 0.45 micron in-line filter. Horiba:213196
Date Shipped:	3/5/2025		
Headspace (ppm)	NM		
Analyses Requested:			
VOCs, SVOCs, TAL Metals(Total and Dissolved), Cations/Anions, Total Dissolved Solids, PCBs, Pesticides, Herbicides			

Field Stabilization Parameters

Reading	DTW (ft) below MP	Time HH:MM	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L	Note
1	NM	13:54	11.48	8.07	232	-41	0.131	0.00	
2	NM	13:57	11.44	8.45	161	-72	0.133	0.00	
3	NM	14:00	11.50	8.77	41.3	-94	0.134	0.00	
4	NM	14:03	11.51	9.00	25.0	-107	0.133	0.00	
5	NM	14:06	11.57	9.10	18.4	-112	0.133	0.00	
6	NM	14:09	11.52	9.15	17.3	116	0.133	0.00	
7	NM	14:12	11.53	9.18	17.3	-118	0.133	0.00	
8	NM	14:15	11.54	9.19	13.2	-119	0.133	0.00	
9	NM	14:18	11.56	9.20	9.9	-120	0.133	0.00	
10	NM	14:21	11.56	9.21	6.9	-121	0.133	0.00	
11	NM	14:24	11.56	9.22	8.0	-123	0.133	0.00	
12	NM	14:27	11.56	9.23	7.9	-124	0.133	0.00	
13	NM	14:30	11.56	9.23	7.7	-124	0.133	0.00	
14	NM	14:33	11.57	9.24	7.5	-125	0.133	0.00	
15	NM	14:36	11.60	9.24	7.5	-126	0.133	0.00	DTW 10.52
16	NM	14:39	11.58	9.24	8.0	-127	0.133	0.00	
17	NM	14:42	11.57	9.24	7.6	-127	0.133	0.00	
18	NM	14:45	11.63	9.25	8.5	-127	0.133	0.00	
19	NM	14:48	11.59	9.20	9.0	-123	0.133	0.00	
20	NM	14:51	11.58	9.21	9.3	-126	0.133	0.00	
21	NM	14:54	11.59	9.24	1.6	-129	0.133	0.00	
22	NM	14:57	11.61	9.25	0.7	-130	0.133	0.00	
23	NM	15:00	11.60	9.25	0.4	-130	0.133	0.00	
24	NM	15:03	11.60	9.26	0.0	-131	0.133	0.00	DTW 11.51
25	NM	15:06	11.61	9.27	0.0	-132	0.133	0.00	
26	NM	15:09	11.61	9.27	0.0	-132	0.133	0.00	
27	**NM**	**15:12**	**11.60**	**9.26**	**0.0**	**-132**	**0.133**	**0.00**	
Stabilization Parameters			3%	±0.1	10%*	±10	3%	10%*	

*Turbidity if three values are less than 5NTU , consider the values stabilized

*DO if three values are less than 0.5 mg/L, consider the values stabilized

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	10A	**Sampled By:**	KM/MW
Site Address:	104 Rocky Point Road Middle Island NY	**Project Manager:**	RB
		Project Number:	BSD1504

Measuring Point (feet above MSL) (NAVD88)	59.82	**Well Use:**	Monitoring
Depth to Product (ft):	N/A	**Product Elevation (ft):**	N/A
Depth to Water (ft):	9.50	**Groundwater Elevation (ft):**	50.32
Depth to Bottom (ft):	34.01	**Bottom Elevation (ft):**	25.81
Depth to Top Screen BGS (ft):	14.01	**Pump Speed**	22.0%
Depth to Bottom Screen below BGS (ft):	34.01	**Well Diameter (in):**	2
Depth to Pump (ft):	22.00		

Sample Date:	3/5/2025	**Begin Purge Time:**	12:24
Sample Time:	12:45	**Complete Purge Time:**	12:42
Pump Type	Sample Champ XL	**Sample Method:**	Low Flow
Average Purge Rate (mL/min)	320	**Purge Time (min):**	18
Total Purge Volume (L):	5.76		
Sample Appearance:	Clear	**Odors Observed:**	Sulfuric
Analytical Laboratory:	Alpha/Pace/Galbraith	**Notes:**	Well is accessible and in good condition. Dissolved metals samples were collected using a 0.45 micron in-line filter. DUP001 taken from 10A. Horiba:227779
Date Shipped:	3/5/2025		
Headspace (ppm)	NM		
Analyses Requested:			
VOCs, SVOCs, TAL Metals(Total and Dissolved), Cations/Anions, Total Dissolved Solids, PCBs, Pesticides, Herbicides, PFAS compounds,1,4-Dioxane, Radionuclides			

Field Stabilization Parameters

Reading	DTW (ft) below MP	Time HH:MM	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L	Note
1	NM	12:24	11.42	5.96	7.8	333	0.199	3.00	
2	NM	12:27	11.40	5.88	0.0	357	0.202	2.56	
3	NM	12:30	11.48	5.90	0.0	373	0.204	2.52	
4	NM	12:33	11.57	5.89	0.0	378	0.204	2.50	
5	NM	12:36	11.62	5.88	0.0	381	0.204	2.51	
6	NM	12:39	11.63	5.89	0.0	382	0.204	2.51	
7	**NM**	**12:42**	**11.63**	**5.89**	**0.0**	**383**	**0.204**	**2.51**	
Stabilization Parameters			3%	±0.1	10%*	±10	3%	10%*	

*Turbidity if three values are less than 5NTU , consider the values stabilized

*DO if three values are less than 0.5 mg/L, consider the values stabilized

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	10B	**Sampled By:**	KM/MW
Site Address:	104 Rocky Point Road Middle Island NY	**Project Manager:**	RB
		Project Number:	BSD1504

Measuring Point (feet above MSL) (NAVD88)	59.93	**Well Use:**	Monitoring
Depth to Product (ft):	N/A	**Product Elevation (ft):**	N/A
Depth to Water (ft):	10.31	**Groundwater Elevation (ft):**	49.62
Depth to Bottom (ft):	151.40	**Bottom Elevation (ft):**	-91.97
Depth to Top Screen BGS (ft):	131.90	**Pump Speed**	34.00%
Depth to Bottom Screen below BGS (ft):	151.90	**Well Diameter (in):**	2
Depth to Pump (ft):	141.00		

Sample Date:	3/5/2025	**Begin Purge Time:**	12:24
Sample Time:	12:55	**Complete Purge Time:**	12:51
Pump Type	Sample Champ XL	**Sample Method:**	Low Flow
Average Purge Rate (mL/min)	300	**Purge Time (min):**	27
Total Purge Volume (L):	8.10		
Sample Appearance:	Slightly Yellow	**Odors Observed:**	None
Analytical Laboratory:	Alpha/Pace/Galbraith	**Notes:**	Well is accessible and in good condition. Dissolved metals samples were collected using a 0.45 micron in-line filter. Horiba:213196
Date Shipped:	3/5/2025		
Headspace (ppm)	NM		
Analyses Requested:			
VOCs, SVOCs, TAL Metals(Total and Dissolved), Cations/Anions, Total Dissolved Solids, PCBs, Pesticides, Herbicides			

Field Stabilization Parameters

Reading	DTW (ft) below MP	Time HH:MM	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L	Note
1	NM	12:27	11.88	6.66	72.6	134	0.100	0.00	
2	NM	12:30	11.89	6.55	21.8	143	0.099	0.00	
3	NM	12:33	11.91	6.51	10.6	150	0.104	0.00	
4	NM	12:36	11.91	6.50	6.9	152	0.106	0.00	
5	NM	12:39	11.91	6.47	0.4	159	0.113	0.00	
6	NM	12:42	11.88	6.45	0.0	163	0.115	0.00	
7	NM	12:45	11.88	6.43	0.0	165	0.118	0.00	
8	NM	12:48	11.68	6.42	0.0	167	0.120	0.00	
9	**NM**	**12:51**	**11.87**	**6.42**	**0.0**	**168**	**0.120**	**0.00**	
Stabilization Parameters			3%	±0.1	10%*	±10	3%	10%*	

*Turbidity if three values are less than 5NTU , consider the values stabilized

*DO if three values are less than 0.5 mg/L, consider the values stabilized

ATTACHMENT B

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
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3/4/2025 BSD1504 Clear, 31° WIND 7mph SW

Roanoke Sand + Gravel - Middle Island

0725 PWGC (KM + MW) on site for Q1 2025 GW Sampling event. Calls Mike (Site Super) to let him know arrived & need all wells casings unlocked. Mobilize to install MW-7A Sample Champ XL dedicated submersible.

0751 MW-7A dedicated submersible installed, will sample 7 cluster tomorrow.

0820 Calibrated U-52 Horibas # 213916 and # 227779 (KM handset #'s) with supplied auto-cal solution. See 3/4/25 calibration logs. Both calibrated within cal. parameters. Three-bucket alconox-decon System set up. DTW meter deconned.

0840 MW-4 cluster purging at low flow.

0925 MW-4A purge complete, no drawdown obvs. before sampling.

1010 MW-4B sampled, no draw. obvs. before sample. Equip deconned + mobilized to 3 cluster.

1120 MW-3 cluster begins purging.

1125 Matt Sorokin with NYSDEC on site.

1138 Horiba # 227779 may have a biased DO reading since readings have been 0.00 since purge start. Will clean sensor after sampling/stabilization.

3/4/2025 BSD1504

1225 MW-3A sampled, no draw. obvs.

1245 MW-3B sampled, no draw. obvs. before sampling. Equip. deconned.

1410 MW-2 cluster purging at low flow (300 mL/min).

1439 MW-2A sampled, no drawdown obvs.

MW-2B sampled. Equip. deconned.

15:00 PWGC mobilizes to sample reclaimed slope and soil stockpile via 5-point composite samples for pesticides analysis.

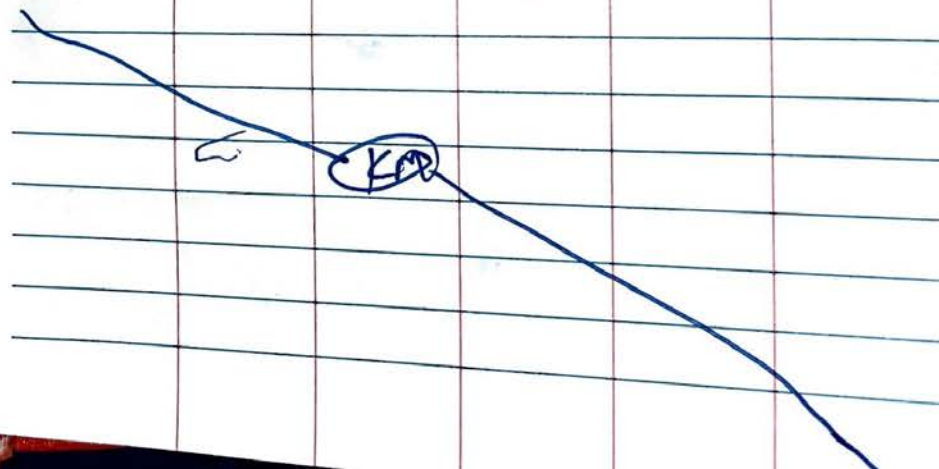
15:30 "[redacted]" "Reclaimed Slope North" sample taken

15:40 "Reclaimed Slope Central" sample taken

1545 "Reclaimed Slope South" taken

1615 "Stockpile North" and "Stockpile South" samples taken. Tom with Roanoke said the reclaimed slope KM consists partly of woodchips (may explain pesticides hits).

1630 PWGC off site, samples picked up via Pace courier from Bohemia office.



3/5/2025

Roanoke Sand + Gravel - Middle Island
BSD1504
Weather: 48 F, Cloudy, Wind 13 mph N

0720 Arrive on site with KM for QL 2025 GW Sampling event (day 2)

0731 Calibrated Horibas #213916 and #227779 with supplied auto-cal solution. See 3/5/2025 Calibration Logs Both calibrated within parameters. Three Bucket alconox decon system set up

0752 MW-7 cluster purging at low flow
0813 MW-7B purge comple, no drawdown obs. before sampling
0815 MW07A purge comple, no drawdown obs. before sampling
Equip deconned + mobilized to cluster 6
0903 MW-6 cluster purge begins
0924 MW 6A + 6A Purge Compe, no drawdown obs. befor sampling
Equip deconned + mobilized To cluster 5
1054 MW-5 cluster purging begins
1118 MW5A purge comple no drawdown obs before sampling
1121 MW5B purge complete no drawdown obs befor sampling
Equip. deconned and mobilized to cluster 10

3/5/2025 BSD1504

1224 MW 10 cluster begin purging
1242 MW 10A purge comple, no drawdown obs. before Sampling.
1251 MW 10B purge complete, no drawdown obs. before sampling
Equip. deconned and mobilized to cluster 9
1351 MW 9 cluster begain purge
1409 MW 9A purge complete, no drawdown obs. before sampling
1512 MW 9B purge complete, DTW increased 3.32 ft during purge. before sampling
Equip. deconned + mobilized to MW 8 cluster
1537 MW 8 cluster purging began
1619 MW 8A Purge complete, no drawdown obs. before Sampling
1642 MW 8B purge complete, no drawdown obs before sampling. Equip deconned and packed Dissolved Metals preservative leaked into bag before sampling.
1730 PWGC off site, Samples picked up from Bohemia Office by Pace

MW

P.W. GROSSER CONSULTING, Inc

3/4/2025

Equipment Calibration Log

Equipment Model	Serial Number	Time HH:MM	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
213196			2.37	3.97	0.0	396	4.72	5.04
227779			3.16	3.98	0.0	434	4.68	7.66
Calibration Values				4.00	0.0	221-241	4.49	0.0

P.W. GROSSER CONSULTING, Inc

07

Equipment Calibration Log

Equipment Model	Serial Number	Time HH:MM	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
213916		07:31	8.36	4.0	0.0	405	4.57	11.43
227279		07:30	8.23	3.98	0.0	431	4.58	9.32
Calibration Values				4.00	0.0	221-241	4.49	0.0

ATTACHMENT C

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ATTACHMENT D

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GC/MS 8260
Analysis

Volatiles QC Summary

Surrogate Recovery Summary
Form 2
Volatiles

Client: P. W. Grosser
Project Name: ROANOKE SAND AND GRAVEL

Lab Number: L2511919
Project Number: BSD1504
Matrix:

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
2A (L2511919-01)	112	97	86	119	0
2B (L2511919-02)	113	96	86	120	0
CLUSTER 2 TRIP BLANK (L2511919-03)	114	96	85	121	0
3A (L2511919-04)	110	97	86	119	0
3B (L2511919-05)	112	96	88	121	0
CLUSTER 3 TRIP BLANK (L2511919-06)	115	97	85	120	0
4A (L2511919-07)	113	98	89	121	0
4B (L2511919-08)	112	98	85	120	0
WG2038492-3LCS	100	103	85	106	0
WG2038492-4LCSD	105	98	80	105	0
WG2038492-5BLANK	104	97	87	110	0

QC LIMITS

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

*** Values outside of QC limits**

FORM II NYTCL-8260

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2038492-3	**Analysis Date** : 03/07/25 16:36	**File ID** : VQ250307P01
LCSD Sample ID	: WG2038492-4	**Analysis Date** : 03/07/25 16:59	**File ID** : VQ250307P02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	11	110	10	11	110	0	70-130	20
1,1-Dichloroethane	10	9.5	95	10	9.7	97	2	70-130	20
Chloroform	10	9.3	93	10	9.5	95	2	70-130	20
Carbon tetrachloride	10	8.3	83	10	8.8	88	6	63-132	20
1,2-Dichloropropane	10	8.8	88	10	9.0	90	2	70-130	20
Dibromochloromethane	10	9.2	92	10	9.4	94	2	63-130	20
1,1,2-Trichloroethane	10	9.7	97	10	9.7	97	0	70-130	20
Tetrachloroethene	10	10	100	10	10	100	0	70-130	20
Chlorobenzene	10	9.7	97	10	9.4	94	3	75-130	20
Trichlorofluoromethane	10	9.8	98	10	10	100	2	62-150	20
1,2-Dichloroethane	10	9.3	93	10	9.6	96	3	70-130	20
1,1,1-Trichloroethane	10	8.7	87	10	9.0	90	3	67-130	20
Bromodichloromethane	10	8.7	87	10	9.1	91	4	67-130	20
trans-1,3-Dichloropropene	10	8.2	82	10	8.2	82	0	70-130	20
cis-1,3-Dichloropropene	10	7.9	79	10	8.4	84	6	70-130	20
1,1-Dichloropropene	10	7.8	78	10	8.3	83	6	70-130	20
Bromoform	10	8.5	85	10	8.3	83	2	54-136	20
1,1,2,2-Tetrachloroethane	10	8.9	89	10	8.6	86	3	67-130	20
Benzene	10	8.9	89	10	9.1	91	2	70-130	20
Toluene	10	9.4	94	10	9.1	91	3	70-130	20
Ethylbenzene	10	8.6	86	10	8.6	86	0	70-130	20
Chloromethane	10	9.7	97	10	9.2	92	5	64-130	20
Bromomethane	10	10	100	10	10	100	0	39-139	20
Vinyl chloride	10	10	100	10	10	100	0	55-140	20
Chloroethane	10	11	110	10	11	110	0	55-138	20
1,1-Dichloroethene	10	10	100	10	10	100	0	61-145	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2038492-3	**Analysis Date** : 03/07/25 16:36	**File ID** : VQ250307P01
LCSD Sample ID	: WG2038492-4	**Analysis Date** : 03/07/25 16:59	**File ID** : VQ250307P02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	10	11	110	10	11	110	0	70-130	20
Trichloroethene	10	9.4	94	10	9.6	96	2	70-130	20
1,2-Dichlorobenzene	10	9.8	98	10	9.0	90	9	70-130	20
1,3-Dichlorobenzene	10	9.9	99	10	9.0	90	10	70-130	20
1,4-Dichlorobenzene	10	9.9	99	10	9.1	91	8	70-130	20
Methyl tert butyl ether	10	9.2	92	10	10	100	8	63-130	20
p/m-Xylene	20	18	90	20	18	90	0	70-130	20
o-Xylene	20	18	90	20	18	90	0	70-130	20
cis-1,2-Dichloroethene	10	9.1	91	10	9.2	92	1	70-130	20
Dibromomethane	10	9.1	91	10	9.5	95	4	70-130	20
1,2,3-Trichloropropane	10	8.5	85	10	8.4	84	1	64-130	20
Acrylonitrile	10	9.1	91	10	10	100	9	70-130	20
Styrene	20	18	90	20	18	90	0	70-130	20
Dichlorodifluoromethane	10	7.7	77	10	7.6	76	1	36-147	20
Acetone	10	12	120	10	13	130	8	58-148	20
Carbon disulfide	10	11	110	10	10	100	10	51-130	20
2-Butanone	10	9.0	90	10	11	110	20	63-138	20
Vinyl acetate	10	8.1	81	10	9.0	90	11	70-130	20
4-Methyl-2-pentanone	10	6.6	66	10	7.4	74	11	59-130	20
2-Hexanone	10	6.4	64	10	6.8	68	6	57-130	20
Bromochloromethane	10	10	100	10	10	100	0	70-130	20
2,2-Dichloropropane	10	7.7	77	10	8.0	80	4	63-133	20
1,2-Dibromoethane	10	9.5	95	10	9.4	94	1	70-130	20
1,3-Dichloropropane	10	9.0	90	10	9.0	90	0	70-130	20
1,1,1,2-Tetrachloroethane	10	9.6	96	10	9.1	91	5	64-130	20
Bromobenzene	10	9.5	95	10	8.8	88	8	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2038492-3 **Analysis Date** : 03/07/25 16:36	**File ID**	: VQ250307P01
LCSD Sample ID	: WG2038492-4 **Analysis Date** : 03/07/25 16:59	**File ID**	: VQ250307P02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
n-Butylbenzene	10	8.2	82	10	8.5	85	4	53-136	20
sec-Butylbenzene	10	8.3	83	10	8.4	84	1	70-130	20
tert-Butylbenzene	10	8.1	81	10	7.9	79	3	70-130	20
o-Chlorotoluene	10	8.5	85	10	7.8	78	9	70-130	20
p-Chlorotoluene	10	8.5	85	10	7.8	78	9	70-130	20
1,2-Dibromo-3-chloropropane	10	8.0	80	10	8.5	85	6	41-144	20
Hexachlorobutadiene	10	9.4	94	10	10	100	6	63-130	20
Isopropylbenzene	10	8.0	80	10	7.7	77	4	70-130	20
p-Isopropyltoluene	10	8.0	80	10	8.1	81	1	70-130	20
Naphthalene	10	8.0	80	10	8.0	80	0	70-130	20
n-Propylbenzene	10	8.1	81	10	7.8	78	4	69-130	20
1,2,3-Trichlorobenzene	10	9.6	96	10	9.1	91	5	70-130	20
1,2,4-Trichlorobenzene	10	9.1	91	10	8.5	85	7	70-130	20
1,3,5-Trimethylbenzene	10	8.3	83	10	7.9	79	5	64-130	20
1,2,4-Trimethylbenzene	10	8.4	84	10	8.0	80	5	70-130	20
1,4-Dioxane	500	340	68	500	450	90	28 Q	56-162	20
p-Diethylbenzene	10	7.7	77	10	7.9	79	3	70-130	20
p-Ethyltoluene	10	8.2	82	10	7.9	79	4	70-130	20
1,2,4,5-Tetramethylbenzene	10	7.7	77	10	7.6	76	1	70-130	20
Ethyl ether	10	9.9	99	10	11	110	11	59-134	20
trans-1,4-Dichloro-2-butene	10	7.8	78	10	7.7	77	1	70-130	20

Method Blank Summary
Form 4
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab Sample ID	: WG2038492-5	**Lab File ID**	: VQ250307P05
Instrument ID	: QUIMBY		
Matrix	: WATER	**Analysis Date**	: 03/07/25 18:08

Client Sample No.	Lab Sample ID	Analysis Date
WG2038492-3LCS	WG2038492-3	03/07/25 16:36
WG2038492-4LCSD	WG2038492-4	03/07/25 16:59
2A	L2511919-01	03/07/25 22:45
2B	L2511919-02	03/07/25 23:08
CLUSTER 2 TRIP BLANK	L2511919-03	03/07/25 23:31
3A	L2511919-04	03/07/25 23:54
3B	L2511919-05	03/08/25 00:17
CLUSTER 3 TRIP BLANK	L2511919-06	03/08/25 00:40
4A	L2511919-07	03/08/25 01:03
4B	L2511919-08	03/08/25 01:26

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

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: QUIMBY	**Analysis Date**	: 02/11/25 06:34
Tune Standard	: WG2029793-1	**Tune File ID**	: VQ250211BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.7
75	30.0 - 80.0% of mass 95	54
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.2
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0% of mass 95	84.2
175	5.0 - 9.0% of mass 174	6.9 (8.2)1
176	Greater than 95.0% but less than 101% of mass	82.9 (98.5)1
177	5.0 - 9.0% of mass 176	5.7 (6.9)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STDL0.19PP	R1930468-2	VQ250211A02	02/11/25 07:14
STDL0.5PPB	R1930468-1	VQ250211A03	02/11/25 07:37
STDL2PPB	R1930468-3	VQ250211A04	02/11/25 08:00
STDL10PPB	R1930468-4	VQ250211A05	02/11/25 08:23
STDL30PPB	R1930468-5	VQ250211A06	02/11/25 08:45
STDL80PPB	R1930468-6	VQ250211A07	02/11/25 09:08
STDL120PPB	R1930468-7	VQ250211A08	02/11/25 09:31
STDL200PPB	R1930468-8	VQ250211A09	02/11/25 09:54
ICV Quant Report	R1930468-9	VQ250211A14	02/11/25 11:49

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

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: QUIMBY	**Analysis Date**	: 03/07/25 16:16
Tune Standard	: WG2038492-1	**Tune File ID**	: VQ250307NBFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.5
75	30.0 - 80.0% of mass 95	50.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.2
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0% of mass 95	94.5
175	5.0 - 9.0% of mass 174	8 (8.5)1
176	Greater than 95.0% but less than 101% of mass	95.3 (100.)1
177	5.0 - 9.0% of mass 176	5.9 (6.2)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2038492-2CCAL	WG2038492-2	VQ250307P01	03/07/25 16:36
WG2038492-3LCS	WG2038492-3	VQ250307P01	03/07/25 16:36
WG2038492-4LCSD	WG2038492-4	VQ250307P02	03/07/25 16:59
WG2038492-5BLANK	WG2038492-5	VQ250307P05	03/07/25 18:08
2A	L2511919-01	VQ250307P15	03/07/25 22:45
2B	L2511919-02	VQ250307P16	03/07/25 23:08
CLUSTER 2 TRIP BLANK	L2511919-03	VQ250307P17	03/07/25 23:31
3A	L2511919-04	VQ250307P18	03/07/25 23:54
3B	L2511919-05	VQ250307P19	03/08/25 00:17
CLUSTER 3 TRIP BLANK	L2511919-06	VQ250307P20	03/08/25 00:40
4A	L2511919-07	VQ250307P21	03/08/25 01:03
4B	L2511919-08	VQ250307P22	03/08/25 01:26

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: QUIMBY	**Analysis Date**	: 03/07/25 16:36:00
Sample No	: WG2038492-2	**Lab File ID**	: VQ250307P01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2038492-2	312587	5.09	224444	8.53	146218	11.42
Upper Limit	625174	5.59	448888	9.03	292436	11.92
Lower Limit	156294	4.59	112222	8.03	73109	10.92
Sample ID						
WG2038492-3 LCS	312587	5.09	224444	8.53	146218	11.42
WG2038492-4 LCSD	356348	5.09	274801	8.53	190933	11.42
WG2038492-5 BLANK	305182	5.09	232161	8.53	133226	11.42
2A	268889	5.09	207573	8.53	115343	11.42
2B	265505	5.09	205373	8.53	115215	11.42
CLUSTER 2 TRIP BLANK	262049	5.09	201194	8.53	112153	11.42
3A	271183	5.09	209345	8.53	115609	11.42
3B	266434	5.09	206133	8.53	114661	11.42
CLUSTER 3 TRIP BLANK	267999	5.09	206722	8.53	116978	11.42
4A	262219	5.09	200688	8.53	106714	11.42
4B	260531	5.09	198028	8.53	111544	11.42

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

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

* Values outside of QC limits

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Volatile Organics - EPA 8260D (WATER)

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

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

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Volatile Organics - EPA 8260D (WATER)

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

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

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

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

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

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

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

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

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Volatiles Sample Data

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-01	**Date Collected**	: 03/04/25 14:43
Client ID	: 2A	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/07/25 22:45
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P15	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-01	**Date Collected**	: 03/04/25 14:43
Client ID	: 2A	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/07/25 22:45
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P15	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-01	**Date Collected**	: 03/04/25 14:43
Client ID	: 2A	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/07/25 22:45
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P15	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-01	**Date Collected**	: 03/04/25 14:43
Client ID	: 2A	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/07/25 22:45
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P15	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-02	**Date Collected**	: 03/04/25 14:40
Client ID	: 2B	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/07/25 23:08
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P16	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-02	**Date Collected**	: 03/04/25 14:40
Client ID	: 2B	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/07/25 23:08
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P16	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	1.6	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-02	Date Collected	: 03/04/25 14:40
Client ID	: 2B	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/07/25 23:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MCM
Lab File ID	: VQ250307P16	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-02	**Date Collected**	: 03/04/25 14:40
Client ID	: 2B	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/07/25 23:08
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P16	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-03	Date Collected	: 02/28/25 00:00
Client ID	: CLUSTER 2 TRIP BLANK	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/07/25 23:31
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MCM
Lab File ID	: VQ250307P17	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-03	Date Collected	: 02/28/25 00:00
Client ID	: CLUSTER 2 TRIP BLANK	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/07/25 23:31
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MCM
Lab File ID	: VQ250307P17	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-03	Date Collected	: 02/28/25 00:00
Client ID	: CLUSTER 2 TRIP BLANK	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/07/25 23:31
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MCM
Lab File ID	: VQ250307P17	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-03	**Date Collected**	: 02/28/25 00:00
Client ID	: CLUSTER 2 TRIP BLANK	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/07/25 23:31
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P17	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-04	**Date Collected**	: 03/04/25 12:25
Client ID	: 3A	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/07/25 23:54
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P18	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-04	**Date Collected**	: 03/04/25 12:25
Client ID	: 3A	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/07/25 23:54
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P18	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-04	Date Collected	: 03/04/25 12:25
Client ID	: 3A	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/07/25 23:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MCM
Lab File ID	: VQ250307P18	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-04	**Date Collected**	: 03/04/25 12:25
Client ID	: 3A	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/07/25 23:54
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P18	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-05	**Date Collected**	: 03/04/25 12:45
Client ID	: 3B	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/08/25 00:17
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P19	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-05	**Date Collected**	: 03/04/25 12:45
Client ID	: 3B	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/08/25 00:17
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P19	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	1.7	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-05	Date Collected	: 03/04/25 12:45
Client ID	: 3B	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/08/25 00:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MCM
Lab File ID	: VQ250307P19	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-05	**Date Collected**	: 03/04/25 12:45
Client ID	: 3B	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/08/25 00:17
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P19	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-06	**Date Collected**	: 02/28/25 00:00
Client ID	: CLUSTER 3 TRIP BLANK	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/08/25 00:40
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P20	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-06	Date Collected	: 02/28/25 00:00
Client ID	: CLUSTER 3 TRIP BLANK	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/08/25 00:40
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MCM
Lab File ID	: VQ250307P20	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	2.2	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-06	Date Collected	: 02/28/25 00:00
Client ID	: CLUSTER 3 TRIP BLANK	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/08/25 00:40
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MCM
Lab File ID	: VQ250307P20	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-06	**Date Collected**	: 02/28/25 00:00
Client ID	: CLUSTER 3 TRIP BLANK	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/08/25 00:40
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P20	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-07	**Date Collected**	: 03/04/25 09:25
Client ID	: 4A	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/08/25 01:03
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P21	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-07	**Date Collected**	: 03/04/25 09:25
Client ID	: 4A	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/08/25 01:03
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P21	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-07	**Date Collected**	: 03/04/25 09:25
Client ID	: 4A	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/08/25 01:03
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P21	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-07	**Date Collected**	: 03/04/25 09:25
Client ID	: 4A	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/08/25 01:03
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P21	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-08	**Date Collected**	: 03/04/25 10:10
Client ID	: 4B	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/08/25 01:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P22	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-08	**Date Collected**	: 03/04/25 10:10
Client ID	: 4B	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/08/25 01:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P22	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2511919-08	Date Collected	: 03/04/25 10:10
Client ID	: 4B	Date Received	: 03/04/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/08/25 01:26
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MCM
Lab File ID	: VQ250307P22	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2511919-08	**Date Collected**	: 03/04/25 10:10
Client ID	: 4B	**Date Received**	: 03/04/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/08/25 01:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: VQ250307P22	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: WG2038492-5	**Date Collected**	: NA
Client ID	: WG2038492-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/07/25 18:08
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: RAW
Lab File ID	: VQ250307P05	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: WG2038492-5	**Date Collected**	: NA
Client ID	: WG2038492-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/07/25 18:08
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: RAW
Lab File ID	: VQ250307P05	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: WG2038492-5	Date Collected	: NA
Client ID	: WG2038492-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/07/25 18:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: VQ250307P05	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2511919
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: WG2038492-5	**Date Collected**	: NA
Client ID	: WG2038492-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/07/25 18:08
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: RAW
Lab File ID	: VQ250307P05	**Instrument ID**	: QUIMBY
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P15.D
Acq On : 7 Mar 2025 10:45 pm
Operator : QUIMBY:MCM
Sample : l2511919-01,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 10 08:34:03 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.091	96	268889	10.000 ug/L	0.00
Standard Area 1 = 312587			Recovery =	86.02%	
63) Chlorobenzene-d5	8.532	117	207573	10.000 ug/L	0.00
Standard Area 1 = 224444			Recovery =	92.48%	
84) 1,4-Dichlorobenzene-d4	11.419	152	115343	10.000 ug/L	0.00
Standard Area 1 = 146218			Recovery =	78.88%	
System Monitoring Compounds					
39) Dibromofluoromethane	4.327	113	89323	11.939 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	119.39%	
47) 1,2-Dichloroethane-d4	4.814	65	91779	11.170 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	111.70%	
64) Toluene-d8	6.738	98	269052	9.685 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.85%	
88) 4-Bromofluorobenzene	10.101	95	80645	8.619 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	86.19%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.116	85	122	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.780	94	53	N.D.	
6) Chloroethane	1.717	64	61	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.298	76	874	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	2.805	43	1607	1.262 ug/L	99
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
21) Methyl tert-butyl ether	0.000		0	N.D.	
25) 1,1-Dichloroethane	0.000		0	N.D.	
27) Acrylonitrile	3.333	53	49	N.D.	
29) Vinyl acetate	3.663	43	57	N.D.	
30) cis-1,2-Dichloroethene	0.000		0	N.D.	
31) 2,2-Dichloropropane	0.000		0	N.D.	
33) Bromochloromethane	0.000		0	N.D.	
35) Chloroform	0.000		0	N.D.	

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P15.D
Acq On : 7 Mar 2025 10:45 pm
Operator : QUIMBY:MCM
Sample : l2511919-01,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 10 08:34:03 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Carbon tetrachloride	0.000		0	N.D.		
40) 1,1,1-Trichloroethane	0.000		0	N.D.		
42) 2-Butanone	0.000		0	N.D.	d	
43) 1,1-Dichloropropene	0.000		0	N.D.		
45) Benzene	0.000		0	N.D.		
48) 1,2-Dichloroethane	0.000		0	N.D.		
52) Trichloroethene	0.000		0	N.D.		
54) Dibromomethane	0.000		0	N.D.		
55) 1,2-Dichloropropane	0.000		0	N.D.		
58) Bromodichloromethane	0.000		0	N.D.		
61) 1,4-Dioxane	0.000		0	N.D.		
62) cis-1,3-Dichloropropene	0.000		0	N.D.		
65) Toluene	6.791	92	185	N.D.		
66) 4-Methyl-2-pentanone	0.000		0	N.D.		
67) Tetrachloroethene	0.000		0	N.D.		
69) trans-1,3-Dichloropropene	0.000		0	N.D.		
72) 1,1,2-Trichloroethane	0.000		0	N.D.		
73) Chlorodibromomethane	0.000		0	N.D.		
74) 1,3-Dichloropropane	0.000		0	N.D.		
75) 1,2-Dibromoethane	0.000		0	N.D.		
77) 2-Hexanone	0.000		0	N.D.		
78) Chlorobenzene	0.000		0	N.D.		
79) Ethylbenzene	8.532	91	336	N.D.		
80) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
81) p/m Xylene	0.000		0	N.D.		
82) o Xylene	0.000		0	N.D.		
83) Styrene	0.000		0	N.D.		
85) Bromoform	0.000		0	N.D.		
87) Isopropylbenzene	0.000		0	N.D.		
89) Bromobenzene	0.000		0	N.D.		
90) n-Propylbenzene	0.000		0	N.D.		
92) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
93) 4-Ethyltoluene	0.000		0	N.D.		
94) 2-Chlorotoluene	0.000		0	N.D.		
95) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
96) 1,2,3-Trichloropropane	0.000		0	N.D.		
97) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
98) 4-Chlorotoluene	0.000		0	N.D.		
99) tert-Butylbenzene	0.000		0	N.D.		

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P15.D
Acq On : 7 Mar 2025 10:45 pm
Operator : QUIMBY:MCM
Sample : l2511919-01,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 10 08:34:03 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
103) sec-Butylbenzene	0.000		0		N.D.	
104) p-Isopropyltoluene	0.000		0		N.D.	
105) 1,3-Dichlorobenzene	0.000		0		N.D.	
106) 1,4-Dichlorobenzene	0.000		0		N.D.	
107) p-Diethylbenzene	0.000		0		N.D.	
108) n-Butylbenzene	0.000		0		N.D.	
109) 1,2-Dichlorobenzene	0.000		0		N.D.	
110) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
111) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
113) Hexachlorobutadiene	0.000		0		N.D.	
114) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) Naphthalene	0.000		0		N.D.	
116) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

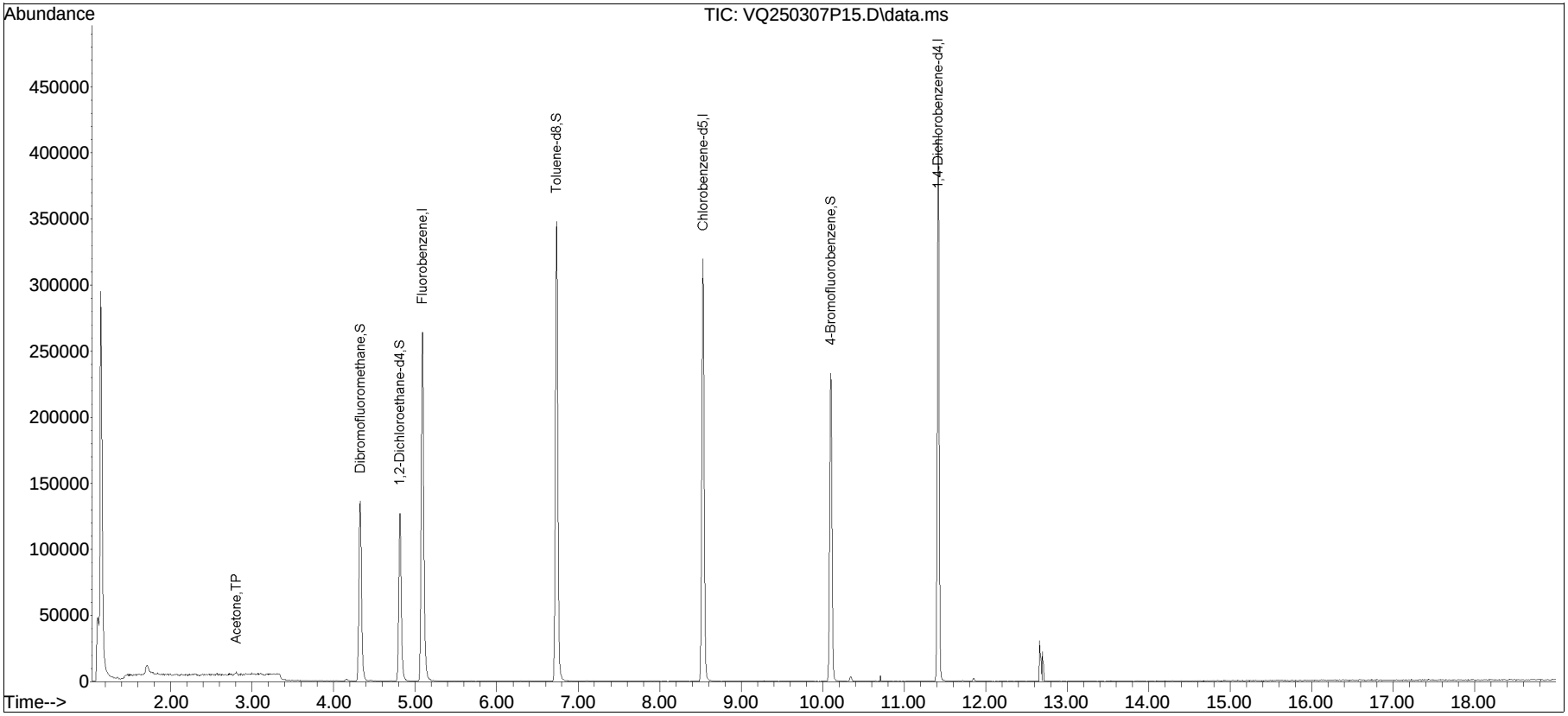
(#) = qualifier out of range (m) = manual integration (+) = signals summed

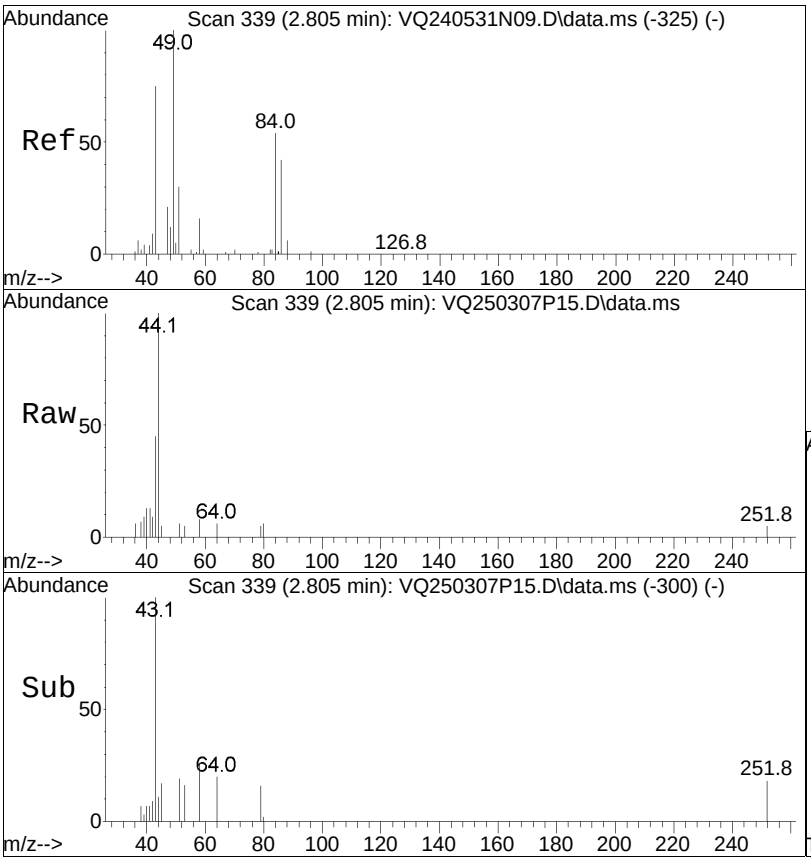
Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P15.D
Acq On : 7 Mar 2025 10:45 pm
Operator : QUIMBY:MCM
Sample : l2511919-01,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 10 08:34:03 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox50307P01.D•

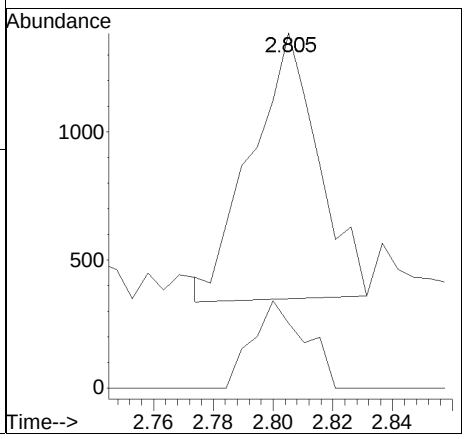




#17
Acetone
Concen: 1.26 ug/L
RT: 2.805 min Scan# 339
Delta R.T. 0.005 min
Lab File: VQ250307P15.D
Acq: 7 Mar 2025 10:45 pm

Tgt Ion: 43 Resp: 1607

Ion	Ratio	Lower	Upper
43	100		
58	25.9	20.2	30.4



Manual Integration Report

Data Path	: K:\Quimby\2025\250307P\	QMethod	: VQ_250211_8260.m
Data File	: VQ250307P15.D	Operator	: QUIMBY:MCM
Date Inj'd	: 3/7/2025 10:45 pm	Instrument	: Quimby
Sample	: l2511919-01,31,10,10,,a	Quant Date	: 3/10/2025 8:18 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P16.D
Acq On : 7 Mar 2025 11:08 pm
Operator : QUIMBY:MCM
Sample : l2511919-02,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 10 08:34:08 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.091	96	265505	10.000 ug/L	0.00
Standard Area 1 = 312587			Recovery =	84.94%	
63) Chlorobenzene-d5	8.532	117	205373	10.000 ug/L	0.00
Standard Area 1 = 224444			Recovery =	91.50%	
84) 1,4-Dichlorobenzene-d4	11.420	152	115215	10.000 ug/L	0.00
Standard Area 1 = 146218			Recovery =	78.80%	
System Monitoring Compounds					
39) Dibromofluoromethane	4.322	113	88522	11.983 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	119.83%	
47) 1,2-Dichloroethane-d4	4.814	65	91432	11.269 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	112.69%	
64) Toluene-d8	6.738	98	264140	9.610 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.10%	
88) 4-Bromofluorobenzene	10.096	95	80587	8.622 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	86.22%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.111	85	572	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.723	94	154	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	2.267	96	50	N.D.	
11) Carbon disulfide	2.303	76	710	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	2.805	43	2024	1.610 ug/L	100
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
21) Methyl tert-butyl ether	0.000		0	N.D.	
25) 1,1-Dichloroethane	0.000		0	N.D.	
27) Acrylonitrile	3.344	53	59	N.D.	
29) Vinyl acetate	3.632	43	50	N.D.	
30) cis-1,2-Dichloroethene	0.000		0	N.D.	
31) 2,2-Dichloropropane	0.000		0	N.D.	
33) Bromochloromethane	0.000		0	N.D.	
35) Chloroform	4.155	83	52	N.D.	

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P16.D
Acq On : 7 Mar 2025 11:08 pm
Operator : QUIMBY:MCM
Sample : l2511919-02,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 10 08:34:08 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Carbon tetrachloride	0.000		0	N.D.		
40) 1,1,1-Trichloroethane	0.000		0	N.D.		
42) 2-Butanone	0.000		0	N.D.	d	
43) 1,1-Dichloropropene	0.000		0	N.D.		
45) Benzene	0.000		0	N.D.		
48) 1,2-Dichloroethane	0.000		0	N.D.		
52) Trichloroethene	0.000		0	N.D.		
54) Dibromomethane	0.000		0	N.D.		
55) 1,2-Dichloropropane	0.000		0	N.D.		
58) Bromodichloromethane	0.000		0	N.D.		
61) 1,4-Dioxane	0.000		0	N.D.		
62) cis-1,3-Dichloropropene	0.000		0	N.D.		
65) Toluene	6.791	92	48	N.D.		
66) 4-Methyl-2-pentanone	0.000		0	N.D.		
67) Tetrachloroethene	0.000		0	N.D.		
69) trans-1,3-Dichloropropene	0.000		0	N.D.		
72) 1,1,2-Trichloroethane	0.000		0	N.D.		
73) Chlorodibromomethane	0.000		0	N.D.		
74) 1,3-Dichloropropane	0.000		0	N.D.		
75) 1,2-Dibromoethane	0.000		0	N.D.		
77) 2-Hexanone	8.339	43	50	N.D.		
78) Chlorobenzene	0.000		0	N.D.		
79) Ethylbenzene	8.532	91	327	N.D.		
80) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
81) p/m Xylene	0.000		0	N.D.		
82) o Xylene	0.000		0	N.D.		
83) Styrene	0.000		0	N.D.		
85) Bromoform	0.000		0	N.D.		
87) Isopropylbenzene	0.000		0	N.D.		
89) Bromobenzene	0.000		0	N.D.		
90) n-Propylbenzene	0.000		0	N.D.		
92) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
93) 4-Ethyltoluene	0.000		0	N.D.		
94) 2-Chlorotoluene	0.000		0	N.D.		
95) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
96) 1,2,3-Trichloropropane	0.000		0	N.D.		
97) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
98) 4-Chlorotoluene	0.000		0	N.D.		
99) tert-Butylbenzene	0.000		0	N.D.		

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P16.D
Acq On : 7 Mar 2025 11:08 pm
Operator : QUIMBY:MCM
Sample : l2511919-02,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 10 08:34:08 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
103) sec-Butylbenzene	0.000		0		N.D.	
104) p-Isopropyltoluene	0.000		0		N.D.	
105) 1,3-Dichlorobenzene	0.000		0		N.D.	
106) 1,4-Dichlorobenzene	0.000		0		N.D.	
107) p-Diethylbenzene	0.000		0		N.D.	
108) n-Butylbenzene	0.000		0		N.D.	
109) 1,2-Dichlorobenzene	0.000		0		N.D.	
110) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
111) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
113) Hexachlorobutadiene	0.000		0		N.D.	
114) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) Naphthalene	0.000		0		N.D.	
116) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

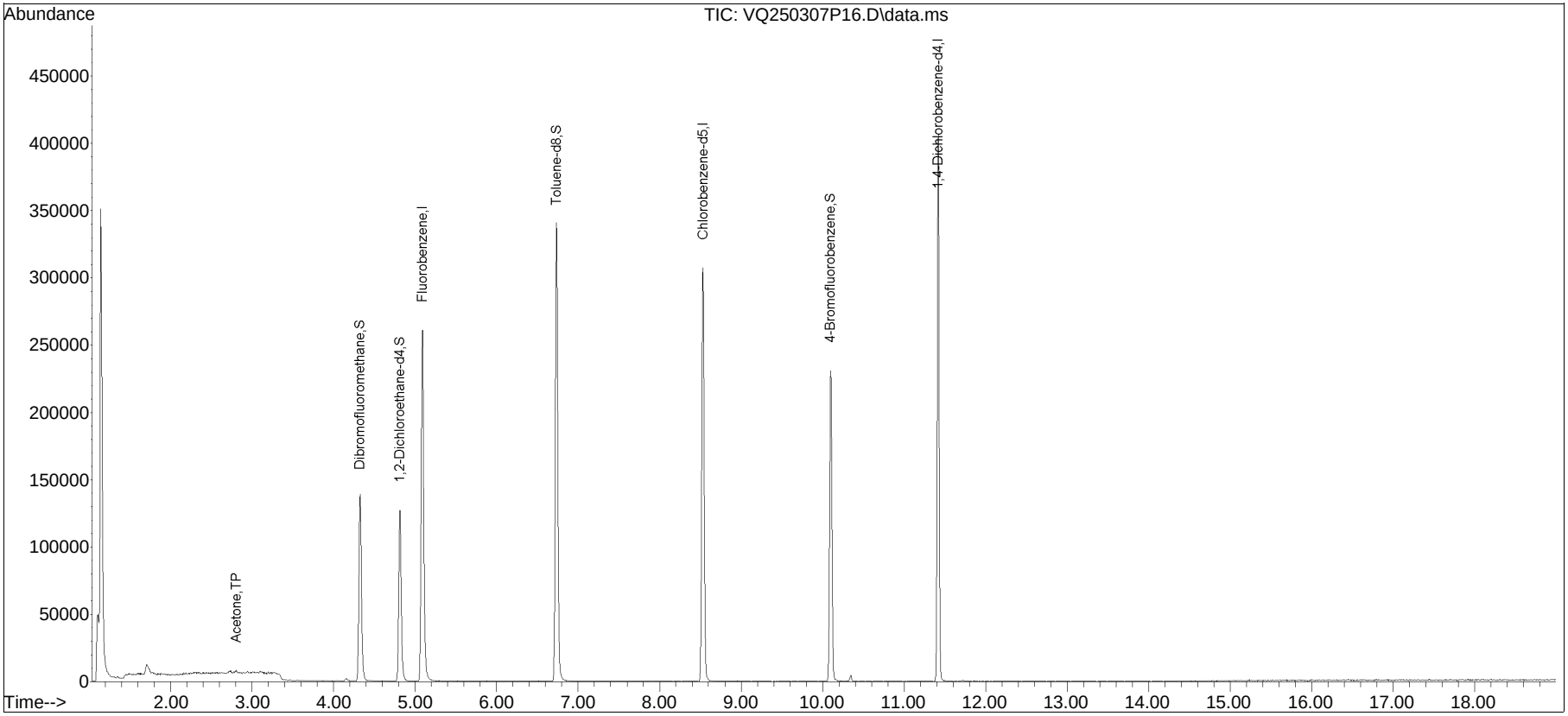
(#) = qualifier out of range (m) = manual integration (+) = signals summed

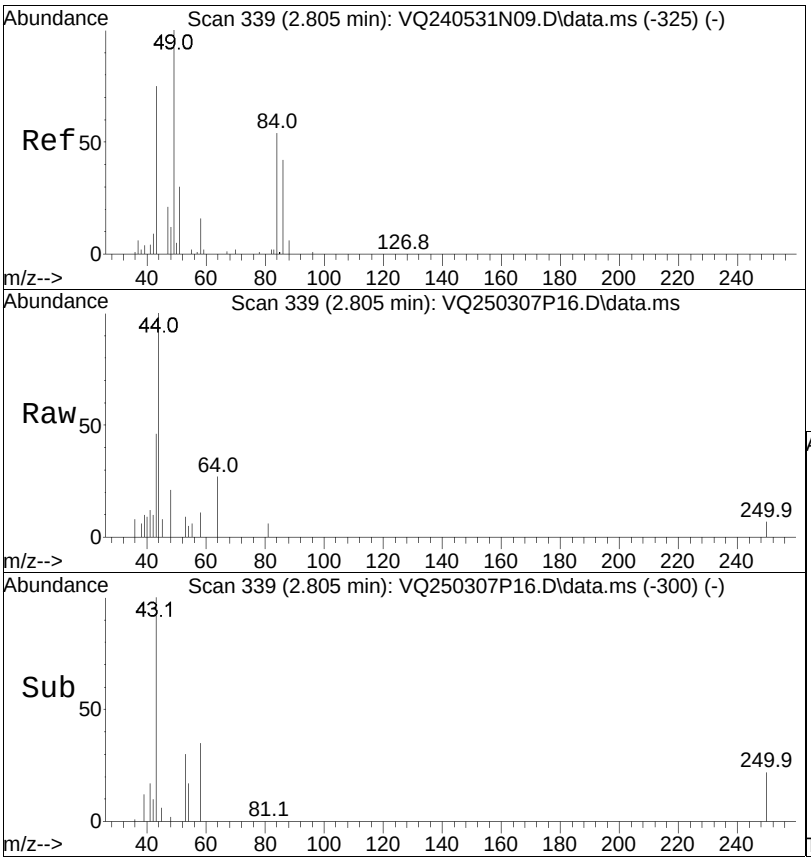
Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P16.D
Acq On : 7 Mar 2025 11:08 pm
Operator : QUIMBY:MCM
Sample : l2511919-02,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 10 08:34:08 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox50307P01.D•

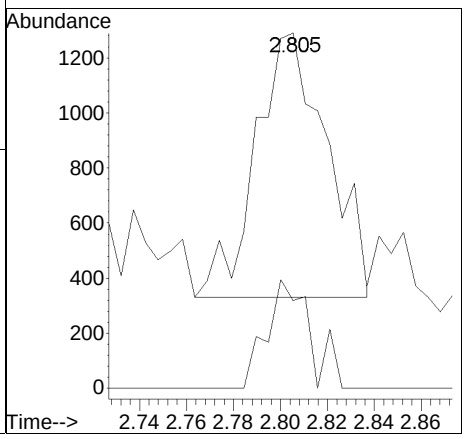




#17
Acetone
Concen: 1.61 ug/L
RT: 2.805 min Scan# 339
Delta R.T. 0.005 min
Lab File: VQ250307P16.D
Acq: 7 Mar 2025 11:08 pm

Tgt Ion: 43 Resp: 2024

Ion	Ratio	Lower	Upper
43	100		
58	25.0	20.2	30.4



Manual Integration Report

Data Path	: K:\Quimby\2025\250307P\	QMethod	: VQ_250211_8260.m
Data File	: VQ250307P16.D	Operator	: QUIMBY:MCM
Date Inj'd	: 3/7/2025 11:08 pm	Instrument	: Quimby
Sample	: l2511919-02,31,10,10,,a	Quant Date	: 3/10/2025 8:19 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P17.D
Acq On : 7 Mar 2025 11:31 pm
Operator : QUIMBY:MCM
Sample : l2511919-03,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 10 08:34:21 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.091	96	262049	10.000 ug/L	0.00
Standard Area 1 = 312587			Recovery =	83.83%	
63) Chlorobenzene-d5	8.532	117	201194	10.000 ug/L	0.00
Standard Area 1 = 224444			Recovery =	89.64%	
84) 1,4-Dichlorobenzene-d4	11.419	152	112153	10.000 ug/L	0.00
Standard Area 1 = 146218			Recovery =	76.70%	
System Monitoring Compounds					
39) Dibromofluoromethane	4.327	113	88431	12.128 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	121.28%	
47) 1,2-Dichloroethane-d4	4.813	65	91398	11.414 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	114.14%	
64) Toluene-d8	6.738	98	259570	9.640 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.40%	
88) 4-Bromofluorobenzene	10.101	95	77340	8.500 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	85.00%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.110	85	517	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.696	94	107	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	2.434	96	51	N.D.	
11) Carbon disulfide	2.298	76	161	N.D.	
15) Methylene chloride	2.763	84	55	N.D.	
17) Acetone	2.805	43	3112	2.509 ug/L	96
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
21) Methyl tert-butyl ether	0.000		0	N.D.	
25) 1,1-Dichloroethane	0.000		0	N.D.	
27) Acrylonitrile	3.339	53	58	N.D.	
29) Vinyl acetate	3.626	43	60	N.D.	
30) cis-1,2-Dichloroethene	0.000		0	N.D.	
31) 2,2-Dichloropropane	0.000		0	N.D.	
33) Bromochloromethane	0.000		0	N.D.	
35) Chloroform	0.000		0	N.D.	

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P17.D
Acq On : 7 Mar 2025 11:31 pm
Operator : QUIMBY:MCM
Sample : l2511919-03,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 10 08:34:21 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Carbon tetrachloride	0.000		0	N.D.		
40) 1,1,1-Trichloroethane	0.000		0	N.D.		
42) 2-Butanone	0.000		0	N.D.	d	
43) 1,1-Dichloropropene	0.000		0	N.D.		
45) Benzene	4.683	78	115	N.D.		
48) 1,2-Dichloroethane	0.000		0	N.D.		
52) Trichloroethene	0.000		0	N.D.		
54) Dibromomethane	0.000		0	N.D.		
55) 1,2-Dichloropropane	0.000		0	N.D.		
58) Bromodichloromethane	0.000		0	N.D.		
61) 1,4-Dioxane	0.000		0	N.D.		
62) cis-1,3-Dichloropropene	0.000		0	N.D.		
65) Toluene	6.785	92	49	N.D.		
66) 4-Methyl-2-pentanone	0.000		0	N.D.		
67) Tetrachloroethene	0.000		0	N.D.		
69) trans-1,3-Dichloropropene	0.000		0	N.D.		
72) 1,1,2-Trichloroethane	0.000		0	N.D.		
73) Chlorodibromomethane	0.000		0	N.D.		
74) 1,3-Dichloropropane	0.000		0	N.D.		
75) 1,2-Dibromoethane	0.000		0	N.D.		
77) 2-Hexanone	0.000		0	N.D.		
78) Chlorobenzene	0.000		0	N.D.		
79) Ethylbenzene	8.537	91	312	N.D.		
80) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
81) p/m Xylene	0.000		0	N.D.		
82) o Xylene	0.000		0	N.D.		
83) Styrene	0.000		0	N.D.		
85) Bromoform	0.000		0	N.D.		
87) Isopropylbenzene	0.000		0	N.D.		
89) Bromobenzene	0.000		0	N.D.		
90) n-Propylbenzene	0.000		0	N.D.		
92) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
93) 4-Ethyltoluene	0.000		0	N.D.		
94) 2-Chlorotoluene	0.000		0	N.D.		
95) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
96) 1,2,3-Trichloropropane	0.000		0	N.D.		
97) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
98) 4-Chlorotoluene	0.000		0	N.D.		
99) tert-Butylbenzene	0.000		0	N.D.		

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P17.D
Acq On : 7 Mar 2025 11:31 pm
Operator : QUIMBY:MCM
Sample : l2511919-03,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 10 08:34:21 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
103) sec-Butylbenzene	0.000		0		N.D.	
104) p-Isopropyltoluene	0.000		0		N.D.	
105) 1,3-Dichlorobenzene	0.000		0		N.D.	
106) 1,4-Dichlorobenzene	0.000		0		N.D.	
107) p-Diethylbenzene	0.000		0		N.D.	
108) n-Butylbenzene	0.000		0		N.D.	
109) 1,2-Dichlorobenzene	0.000		0		N.D.	
110) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
111) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
113) Hexachlorobutadiene	0.000		0		N.D.	
114) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) Naphthalene	0.000		0		N.D.	
116) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

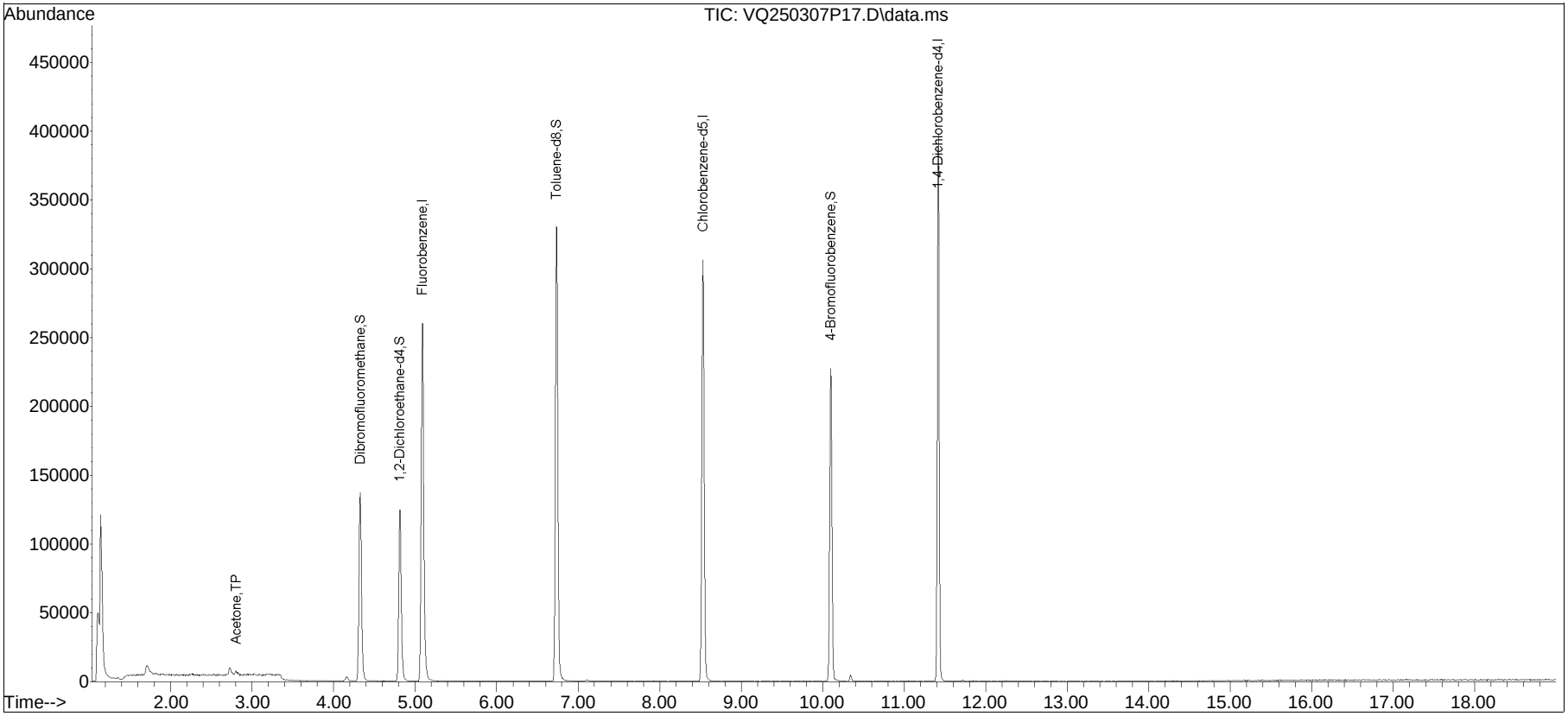
(#) = qualifier out of range (m) = manual integration (+) = signals summed

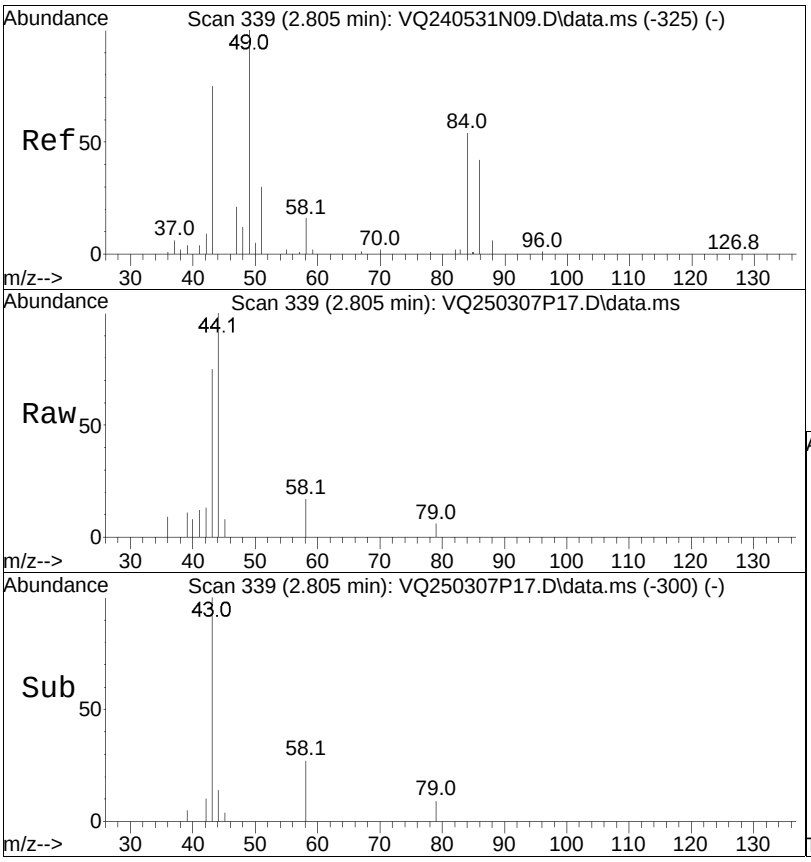
Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P17.D
Acq On : 7 Mar 2025 11:31 pm
Operator : QUIMBY:MCM
Sample : l2511919-03,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 10 08:34:21 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox50307P01.D•

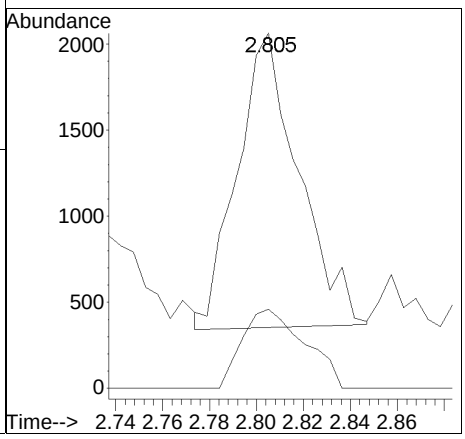




#17
Acetone
Concen: 2.51 ug/L
RT: 2.805 min Scan# 339
Delta R.T. 0.005 min
Lab File: VQ250307P17.D
Acq: 7 Mar 2025 11:31 pm

Tgt Ion: 43 Resp: 3112

Ion	Ratio	Lower	Upper
43	100		
58	27.4	20.2	30.4



Manual Integration Report

Data Path	: K:\Quimby\2025\250307P\	QMethod	: VQ_250211_8260.m
Data File	: VQ250307P17.D	Operator	: QUIMBY:MCM
Date Inj'd	: 3/7/2025 11:31 pm	Instrument	: Quimby
Sample	: l2511919-03,31,10,10,,a	Quant Date	: 3/10/2025 8:19 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P18.D
Acq On : 7 Mar 2025 11:54 pm
Operator : QUIMBY:MCM
Sample : l2511919-04,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 10 08:34:31 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.091	96	271183	10.000 ug/L	0.00
Standard Area 1 = 312587			Recovery =	86.75%	
63) Chlorobenzene-d5	8.532	117	209345	10.000 ug/L	0.00
Standard Area 1 = 224444			Recovery =	93.27%	
84) 1,4-Dichlorobenzene-d4	11.419	152	115609	10.000 ug/L	0.00
Standard Area 1 = 146218			Recovery =	79.07%	
System Monitoring Compounds					
39) Dibromofluoromethane	4.327	113	89639	11.880 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	118.80%	
47) 1,2-Dichloroethane-d4	4.814	65	91423	11.032 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	110.32%	
64) Toluene-d8	6.738	98	271843	9.703 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	97.03%	
88) 4-Bromofluorobenzene	10.101	95	81105	8.648 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	86.48%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.105	85	292	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.508	94	61	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	2.162	96	47	N.D.	
11) Carbon disulfide	2.308	76	276	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	2.810	43	898	0.699 ug/L #	65
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
21) Methyl tert-butyl ether	0.000		0	N.D.	
25) 1,1-Dichloroethane	0.000		0	N.D.	
27) Acrylonitrile	3.344	53	49	N.D.	
29) Vinyl acetate	3.684	43	50	N.D.	
30) cis-1,2-Dichloroethene	0.000		0	N.D.	
31) 2,2-Dichloropropane	0.000		0	N.D.	
33) Bromochloromethane	0.000		0	N.D.	
35) Chloroform	0.000		0	N.D.	

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P18.D
Acq On : 7 Mar 2025 11:54 pm
Operator : QUIMBY:MCM
Sample : l2511919-04,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 10 08:34:31 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Carbon tetrachloride	0.000		0		N.D.	
40) 1,1,1-Trichloroethane	0.000		0		N.D.	
42) 2-Butanone	0.000		0		N.D.	d
43) 1,1-Dichloropropene	0.000		0		N.D.	
45) Benzene	0.000		0		N.D.	
48) 1,2-Dichloroethane	0.000		0		N.D.	
52) Trichloroethene	0.000		0		N.D.	
54) Dibromomethane	0.000		0		N.D.	
55) 1,2-Dichloropropane	0.000		0		N.D.	
58) Bromodichloromethane	0.000		0		N.D.	
61) 1,4-Dioxane	0.000		0		N.D.	
62) cis-1,3-Dichloropropene	0.000		0		N.D.	
65) Toluene	0.000		0		N.D.	
66) 4-Methyl-2-pentanone	0.000		0		N.D.	
67) Tetrachloroethene	0.000		0		N.D.	
69) trans-1,3-Dichloropropene	0.000		0		N.D.	
72) 1,1,2-Trichloroethane	0.000		0		N.D.	
73) Chlorodibromomethane	0.000		0		N.D.	
74) 1,3-Dichloropropane	0.000		0		N.D.	
75) 1,2-Dibromoethane	0.000		0		N.D.	
77) 2-Hexanone	0.000		0		N.D.	
78) Chlorobenzene	0.000		0		N.D.	
79) Ethylbenzene	8.532	91	272		N.D.	
80) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
81) p/m Xylene	0.000		0		N.D.	
82) o Xylene	0.000		0		N.D.	
83) Styrene	0.000		0		N.D.	
85) Bromoform	0.000		0		N.D.	
87) Isopropylbenzene	0.000		0		N.D.	
89) Bromobenzene	0.000		0		N.D.	
90) n-Propylbenzene	0.000		0		N.D.	
92) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
93) 4-Ethyltoluene	0.000		0		N.D.	
94) 2-Chlorotoluene	0.000		0		N.D.	
95) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
96) 1,2,3-Trichloropropane	0.000		0		N.D.	
97) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
98) 4-Chlorotoluene	0.000		0		N.D.	
99) tert-Butylbenzene	0.000		0		N.D.	

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P18.D
Acq On : 7 Mar 2025 11:54 pm
Operator : QUIMBY:MCM
Sample : l2511919-04,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 10 08:34:31 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
103) sec-Butylbenzene	0.000		0		N.D.	
104) p-Isopropyltoluene	0.000		0		N.D.	
105) 1,3-Dichlorobenzene	0.000		0		N.D.	
106) 1,4-Dichlorobenzene	0.000		0		N.D.	
107) p-Diethylbenzene	0.000		0		N.D.	
108) n-Butylbenzene	0.000		0		N.D.	
109) 1,2-Dichlorobenzene	0.000		0		N.D.	
110) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
111) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
113) Hexachlorobutadiene	0.000		0		N.D.	
114) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) Naphthalene	0.000		0		N.D.	
116) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

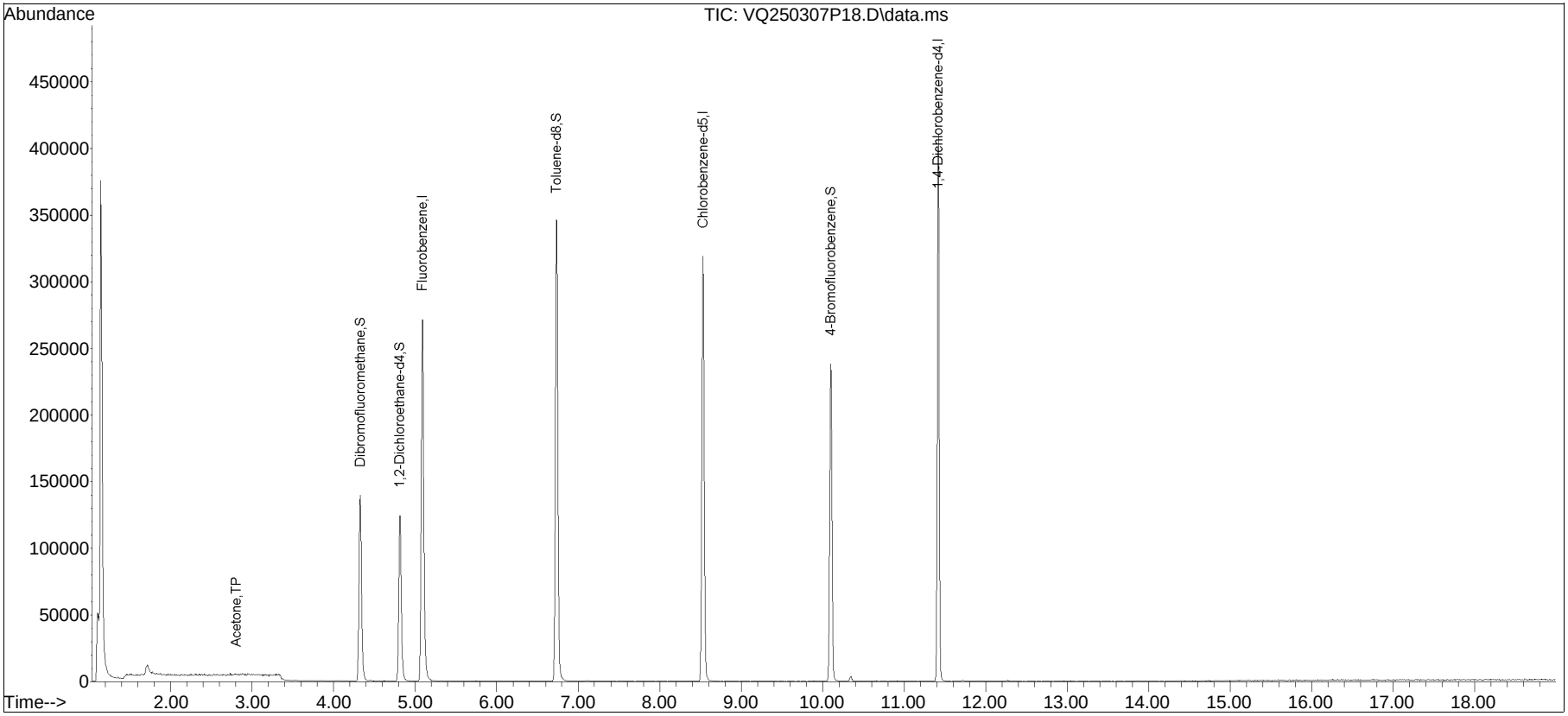
(#) = qualifier out of range (m) = manual integration (+) = signals summed

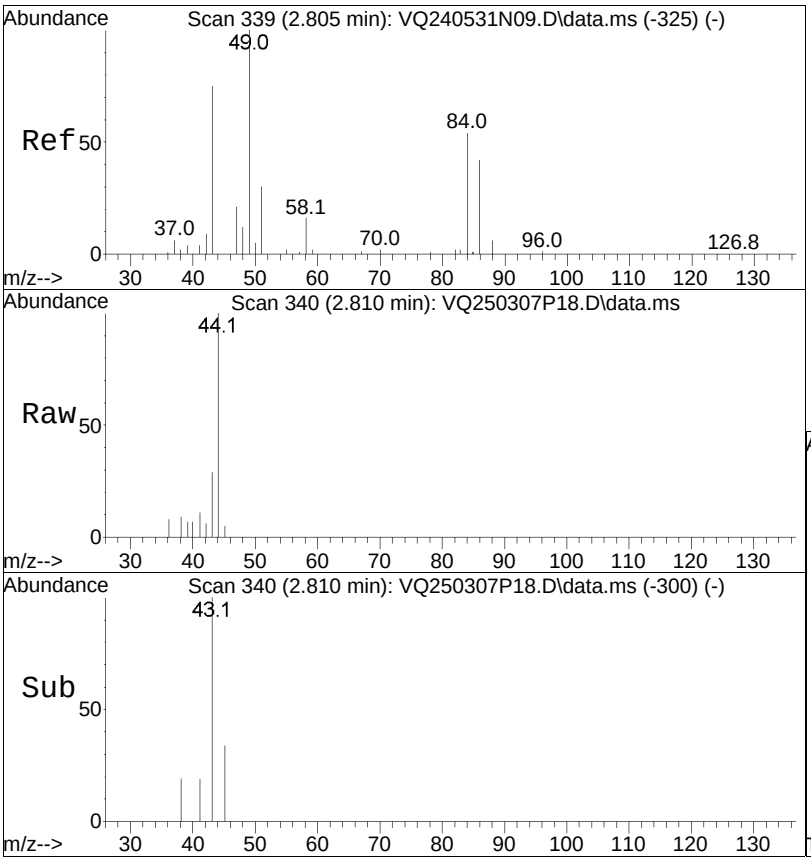
Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P18.D
Acq On : 7 Mar 2025 11:54 pm
Operator : QUIMBY:MCM
Sample : l2511919-04,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 10 08:34:31 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox50307P01.D•

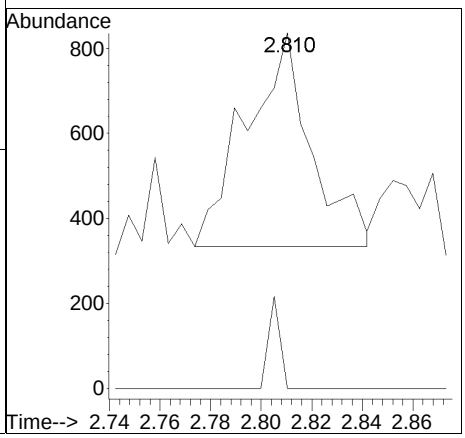




#17
Acetone
Concen: 0.70 ug/L
RT: 2.810 min Scan# 340
Delta R.T. 0.010 min
Lab File: VQ250307P18.D
Acq: 7 Mar 2025 11:54 pm

Tgt Ion: 43 Resp: 898

Ion	Ratio	Lower	Upper
43	100		
58	7.6	20.2	30.4#



Manual Integration Report

Data Path	: K:\Quimby\2025\250307P\	QMethod	: VQ_250211_8260.m
Data File	: VQ250307P18.D	Operator	: QUIMBY:MCM
Date Inj'd	: 3/7/2025 11:54 pm	Instrument	: Quimby
Sample	: l2511919-04,31,10,10,,a	Quant Date	: 3/10/2025 8:19 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P19.D
Acq On : 8 Mar 2025 12:17 am
Operator : QUIMBY:MCM
Sample : l2511919-05,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 10 08:34:41 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.091	96	266434	10.000 ug/L	0.00
Standard Area 1 = 312587			Recovery =	85.24%	
63) Chlorobenzene-d5	8.532	117	206133	10.000 ug/L	0.00
Standard Area 1 = 224444			Recovery =	91.84%	
84) 1,4-Dichlorobenzene-d4	11.420	152	114661	10.000 ug/L	0.00
Standard Area 1 = 146218			Recovery =	78.42%	
System Monitoring Compounds					
39) Dibromofluoromethane	4.322	113	89536	12.078 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	120.78%	
47) 1,2-Dichloroethane-d4	4.814	65	91443	11.231 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	112.31%	
64) Toluene-d8	6.733	98	265277	9.616 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.16%	
88) 4-Bromofluorobenzene	10.102	95	82032	8.819 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	88.19%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.116	85	152	N.D.	
3) Chloromethane	1.566	50	56	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	1.927	64	378	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	2.178	96	50	N.D.	
11) Carbon disulfide	2.303	76	1020	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	2.805	43	2130	1.689 ug/L #	73
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
21) Methyl tert-butyl ether	0.000		0	N.D.	
25) 1,1-Dichloroethane	0.000		0	N.D.	
27) Acrylonitrile	3.318	53	55	N.D.	
29) Vinyl acetate	3.590	43	54	N.D.	
30) cis-1,2-Dichloroethene	0.000		0	N.D.	
31) 2,2-Dichloropropane	0.000		0	N.D.	
33) Bromochloromethane	0.000		0	N.D.	
35) Chloroform	0.000		0	N.D.	

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P19.D
Acq On : 8 Mar 2025 12:17 am
Operator : QUIMBY:MCM
Sample : l2511919-05,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 10 08:34:41 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Carbon tetrachloride	0.000		0		N.D.	
40) 1,1,1-Trichloroethane	0.000		0		N.D.	
42) 2-Butanone	0.000		0		N.D.	d
43) 1,1-Dichloropropene	0.000		0		N.D.	
45) Benzene	0.000		0		N.D.	
48) 1,2-Dichloroethane	0.000		0		N.D.	
52) Trichloroethene	0.000		0		N.D.	
54) Dibromomethane	0.000		0		N.D.	
55) 1,2-Dichloropropane	0.000		0		N.D.	
58) Bromodichloromethane	0.000		0		N.D.	
61) 1,4-Dioxane	0.000		0		N.D.	
62) cis-1,3-Dichloropropene	0.000		0		N.D.	
65) Toluene	0.000		0		N.D.	
66) 4-Methyl-2-pentanone	0.000		0		N.D.	
67) Tetrachloroethene	0.000		0		N.D.	
69) trans-1,3-Dichloropropene	0.000		0		N.D.	
72) 1,1,2-Trichloroethane	0.000		0		N.D.	
73) Chlorodibromomethane	0.000		0		N.D.	
74) 1,3-Dichloropropane	0.000		0		N.D.	
75) 1,2-Dibromoethane	0.000		0		N.D.	
77) 2-Hexanone	0.000		0		N.D.	
78) Chlorobenzene	0.000		0		N.D.	
79) Ethylbenzene	8.538	91	266		N.D.	
80) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
81) p/m Xylene	0.000		0		N.D.	
82) o Xylene	0.000		0		N.D.	
83) Styrene	0.000		0		N.D.	
85) Bromoform	0.000		0		N.D.	
87) Isopropylbenzene	0.000		0		N.D.	
89) Bromobenzene	0.000		0		N.D.	
90) n-Propylbenzene	0.000		0		N.D.	
92) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
93) 4-Ethyltoluene	0.000		0		N.D.	
94) 2-Chlorotoluene	0.000		0		N.D.	
95) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
96) 1,2,3-Trichloropropane	0.000		0		N.D.	
97) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
98) 4-Chlorotoluene	0.000		0		N.D.	
99) tert-Butylbenzene	0.000		0		N.D.	

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P19.D
Acq On : 8 Mar 2025 12:17 am
Operator : QUIMBY:MCM
Sample : l2511919-05,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 10 08:34:41 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102)	1,2,4-Trimethylbenzene	0.000		0	N.D.		
103)	sec-Butylbenzene	0.000		0	N.D.		
104)	p-Isopropyltoluene	0.000		0	N.D.		
105)	1,3-Dichlorobenzene	0.000		0	N.D.		
106)	1,4-Dichlorobenzene	0.000		0	N.D.		
107)	p-Diethylbenzene	0.000		0	N.D.		
108)	n-Butylbenzene	0.000		0	N.D.		
109)	1,2-Dichlorobenzene	0.000		0	N.D.		
110)	1,2,4,5-Tetramethylben...	0.000		0	N.D.		
111)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
113)	Hexachlorobutadiene	0.000		0	N.D.		
114)	1,2,4-Trichlorobenzene	0.000		0	N.D.		
115)	Naphthalene	0.000		0	N.D.		
116)	1,2,3-Trichlorobenzene	0.000		0	N.D.		

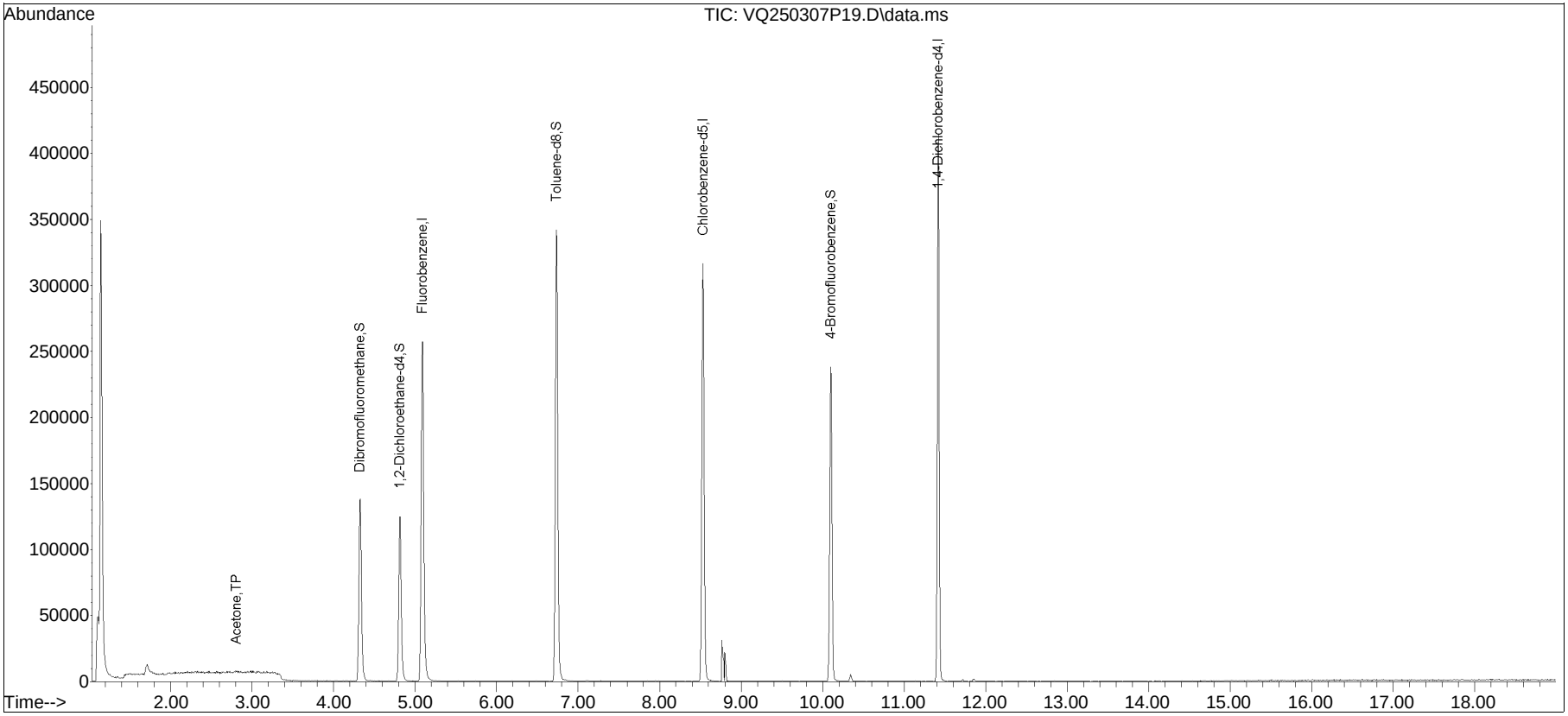
(#) = qualifier out of range (m) = manual integration (+) = signals summed

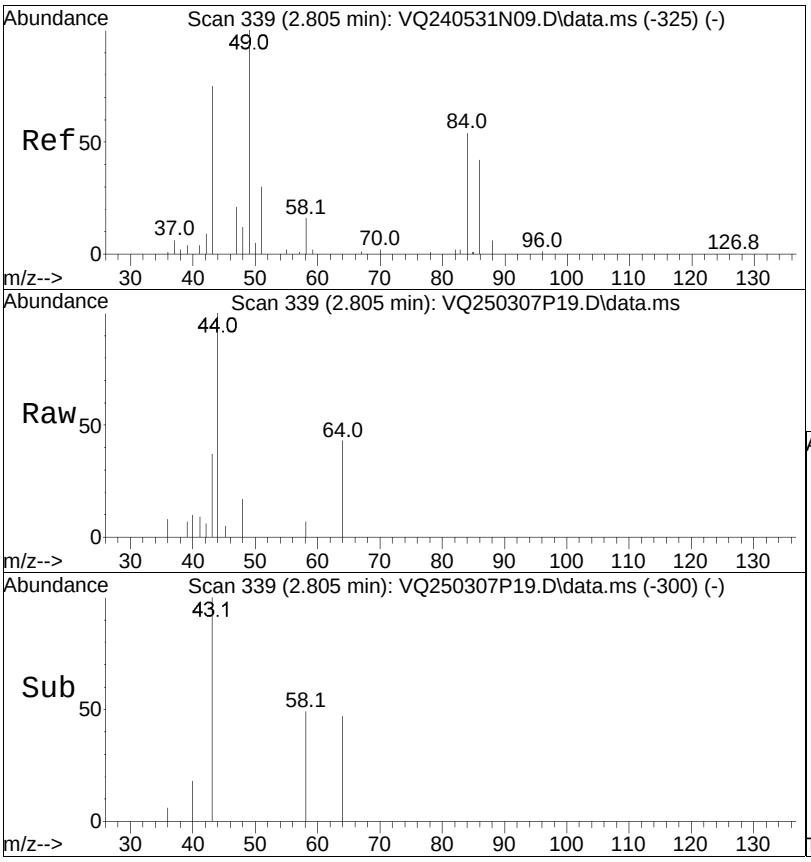
Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P19.D
Acq On : 8 Mar 2025 12:17 am
Operator : QUIMBY:MCM
Sample : l2511919-05,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 10 08:34:41 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox50307P01.D•

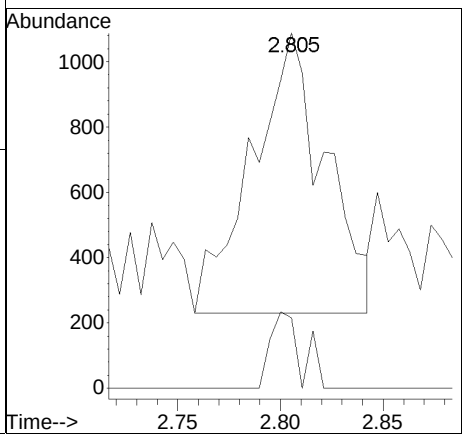




#17
Acetone
Concen: 1.69 ug/L
RT: 2.805 min Scan# 339
Delta R.T. 0.005 min
Lab File: VQ250307P19.D
Acq: 8 Mar 2025 12:17 am

Tgt Ion: 43 Resp: 2130

Ion	Ratio	Lower	Upper
43	100		
58	11.5	20.2	30.4#



Manual Integration Report

Data Path	: K:\Quimby\2025\250307P\	QMethod	: VQ_250211_8260.m
Data File	: VQ250307P19.D	Operator	: QUIMBY:MCM
Date Inj'd	: 3/8/2025 12:17 am	Instrument	: Quimby
Sample	: l2511919-05,31,10,10,,a	Quant Date	: 3/10/2025 8:19 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P20.D
Acq On : 8 Mar 2025 12:40 am
Operator : QUIMBY:MCM
Sample : l2511919-06,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 10 08:34:49 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.091	96	267999	10.000 ug/L	0.00
Standard Area 1 = 312587			Recovery =	85.74%	
63) Chlorobenzene-d5	8.532	117	206722	10.000 ug/L	0.00
Standard Area 1 = 224444			Recovery =	92.10%	
84) 1,4-Dichlorobenzene-d4	11.420	152	116978	10.000 ug/L	0.00
Standard Area 1 = 146218			Recovery =	80.00%	
System Monitoring Compounds					
39) Dibromofluoromethane	4.327	113	89844	12.049 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	120.49%	
47) 1,2-Dichloroethane-d4	4.814	65	93896	11.465 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	114.65%	
64) Toluene-d8	6.733	98	267004	9.651 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.51%	
88) 4-Bromofluorobenzene	10.102	95	80981	8.534 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	85.34%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.105	85	376	N.D.	
3) Chloromethane	1.414	50	54	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.676	94	48	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.298	76	274	N.D.	
15) Methylene chloride	2.758	84	136	N.D.	
17) Acetone	2.800	43	2786	2.196 ug/L	97
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
21) Methyl tert-butyl ether	0.000		0	N.D.	
25) 1,1-Dichloroethane	0.000		0	N.D.	
27) Acrylonitrile	3.287	53	55	N.D.	
29) Vinyl acetate	3.757	43	99	N.D.	
30) cis-1,2-Dichloroethene	0.000		0	N.D.	
31) 2,2-Dichloropropane	4.155	77	268	N.D.	
33) Bromochloromethane	0.000		0	N.D.	
35) Chloroform	0.000		0	N.D.	

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P20.D
Acq On : 8 Mar 2025 12:40 am
Operator : QUIMBY:MCM
Sample : l2511919-06,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 10 08:34:49 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Carbon tetrachloride	0.000		0	N.D.		
40) 1,1,1-Trichloroethane	0.000		0	N.D.		
42) 2-Butanone	0.000		0	N.D.	d	
43) 1,1-Dichloropropene	0.000		0	N.D.		
45) Benzene	4.678	78	171	N.D.		
48) 1,2-Dichloroethane	0.000		0	N.D.		
52) Trichloroethene	0.000		0	N.D.		
54) Dibromomethane	0.000		0	N.D.		
55) 1,2-Dichloropropane	0.000		0	N.D.		
58) Bromodichloromethane	0.000		0	N.D.		
61) 1,4-Dioxane	0.000		0	N.D.		
62) cis-1,3-Dichloropropene	0.000		0	N.D.		
65) Toluene	6.791	92	52	N.D.		
66) 4-Methyl-2-pentanone	0.000		0	N.D.		
67) Tetrachloroethene	0.000		0	N.D.		
69) trans-1,3-Dichloropropene	0.000		0	N.D.		
72) 1,1,2-Trichloroethane	0.000		0	N.D.		
73) Chlorodibromomethane	0.000		0	N.D.		
74) 1,3-Dichloropropane	0.000		0	N.D.		
75) 1,2-Dibromoethane	0.000		0	N.D.		
77) 2-Hexanone	0.000		0	N.D.		
78) Chlorobenzene	0.000		0	N.D.		
79) Ethylbenzene	8.522	91	171	N.D.		
80) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
81) p/m Xylene	0.000		0	N.D.		
82) o Xylene	0.000		0	N.D.		
83) Styrene	0.000		0	N.D.		
85) Bromoform	0.000		0	N.D.		
87) Isopropylbenzene	0.000		0	N.D.		
89) Bromobenzene	0.000		0	N.D.		
90) n-Propylbenzene	0.000		0	N.D.		
92) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
93) 4-Ethyltoluene	0.000		0	N.D.		
94) 2-Chlorotoluene	0.000		0	N.D.		
95) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
96) 1,2,3-Trichloropropane	0.000		0	N.D.		
97) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
98) 4-Chlorotoluene	0.000		0	N.D.		
99) tert-Butylbenzene	0.000		0	N.D.		

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P20.D
Acq On : 8 Mar 2025 12:40 am
Operator : QUIMBY:MCM
Sample : l2511919-06,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 10 08:34:49 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
103) sec-Butylbenzene	0.000		0		N.D.	
104) p-Isopropyltoluene	0.000		0		N.D.	
105) 1,3-Dichlorobenzene	0.000		0		N.D.	
106) 1,4-Dichlorobenzene	0.000		0		N.D.	
107) p-Diethylbenzene	0.000		0		N.D.	
108) n-Butylbenzene	0.000		0		N.D.	
109) 1,2-Dichlorobenzene	0.000		0		N.D.	
110) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
111) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
113) Hexachlorobutadiene	0.000		0		N.D.	
114) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) Naphthalene	0.000		0		N.D.	
116) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

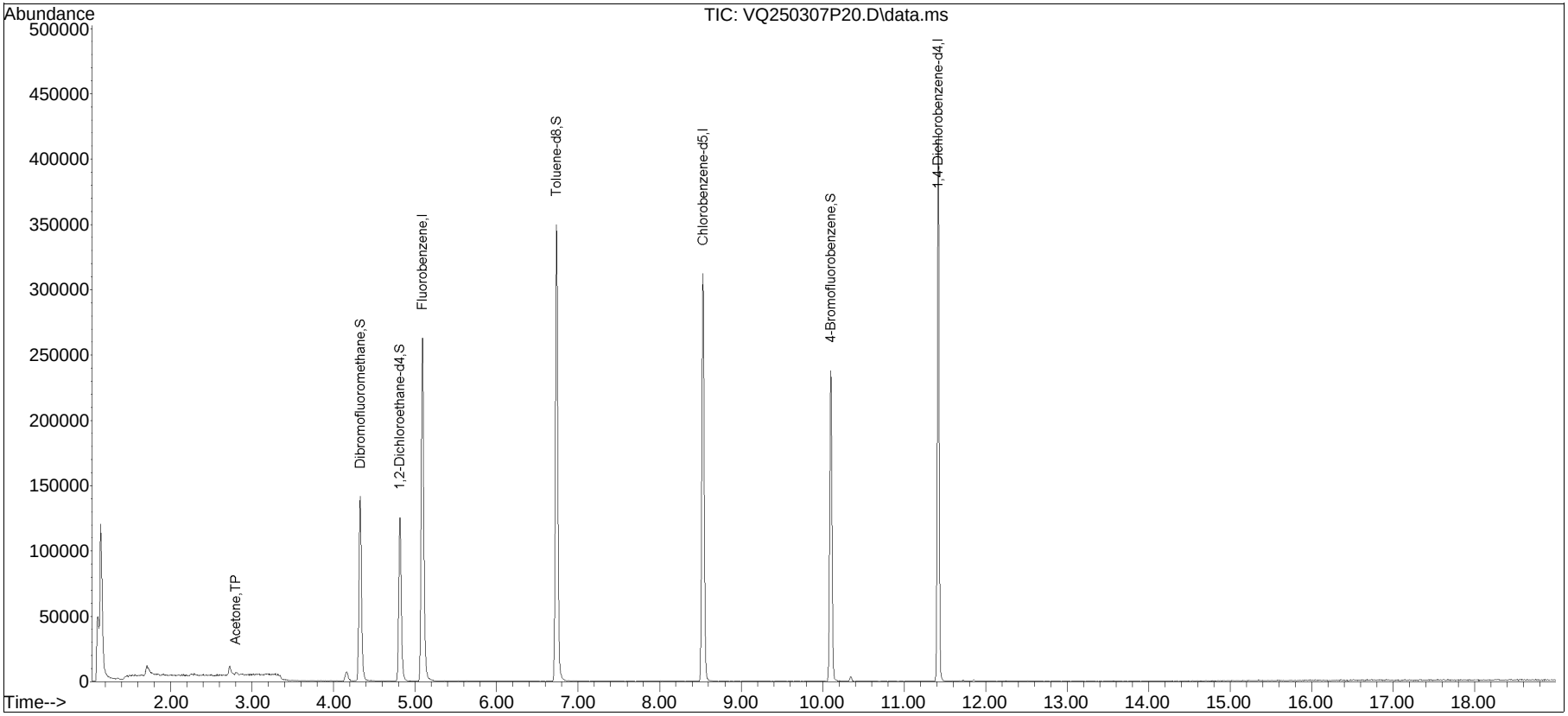
(#) = qualifier out of range (m) = manual integration (+) = signals summed

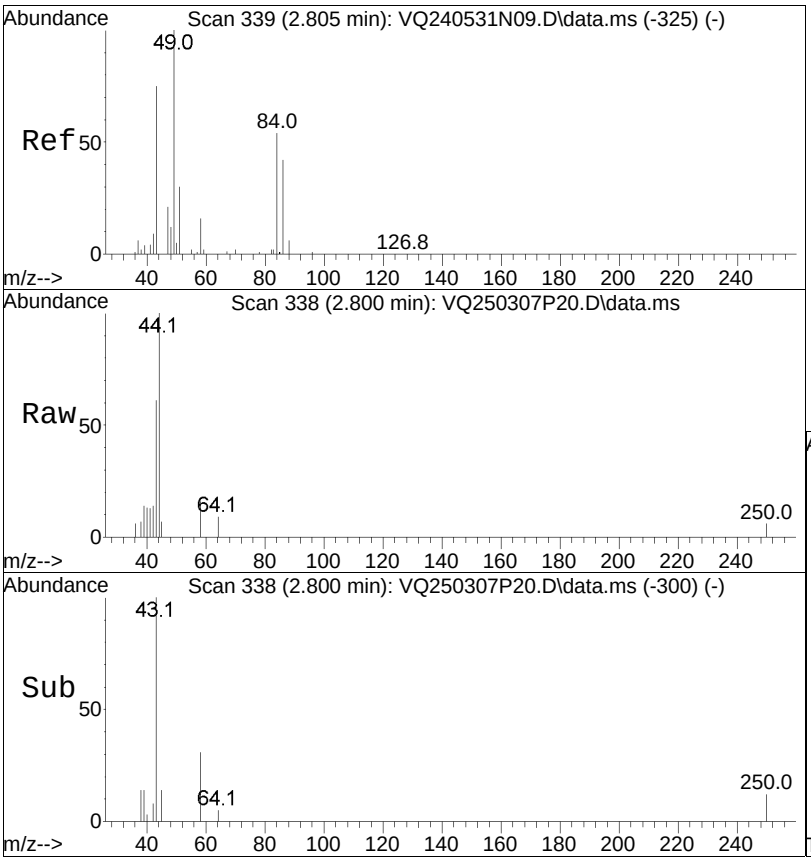
Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P20.D
Acq On : 8 Mar 2025 12:40 am
Operator : QUIMBY:MCM
Sample : l2511919-06,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 10 08:34:49 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox50307P01.D•

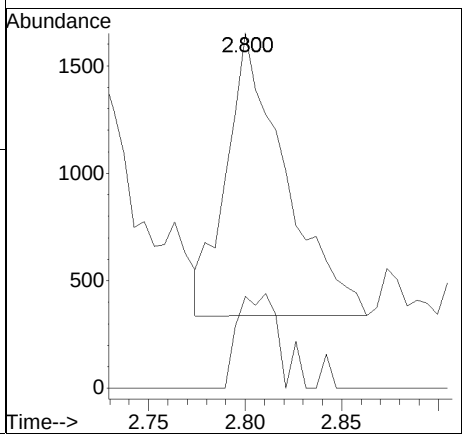




#17
Acetone
Concen: 2.20 ug/L
RT: 2.800 min Scan# 338
Delta R.T. 0.000 min
Lab File: VQ250307P20.D
Acq: 8 Mar 2025 12:40 am

Tgt Ion: 43 Resp: 2786

Ion	Ratio	Lower	Upper
43	100		
58	23.7	20.2	30.4



Manual Integration Report

Data Path	: K:\Quimby\2025\250307P\	QMethod	: VQ_250211_8260.m
Data File	: VQ250307P20.D	Operator	: QUIMBY:MCM
Date Inj'd	: 3/8/2025 12:40 am	Instrument	: Quimby
Sample	: l2511919-06,31,10,10,,a	Quant Date	: 3/10/2025 8:19 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P21.D
Acq On : 8 Mar 2025 1:03 am
Operator : QUIMBY:MCM
Sample : l2511919-07,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 10 08:19:23 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.091	96	262219	10.000 ug/L	0.00
Standard Area 1 = 312587			Recovery =	83.89%	
63) Chlorobenzene-d5	8.532	117	200688	10.000 ug/L	0.00
Standard Area 1 = 224444			Recovery =	89.42%	
84) 1,4-Dichlorobenzene-d4	11.419	152	106714	10.000 ug/L	0.00
Standard Area 1 = 146218			Recovery =	72.98%	
System Monitoring Compounds					
39) Dibromofluoromethane	4.327	113	88240	12.094 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	120.94%	
47) 1,2-Dichloroethane-d4	4.814	65	90890	11.343 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	113.43%	
64) Toluene-d8	6.733	98	264009	9.830 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.30%	
88) 4-Bromofluorobenzene	10.101	95	76798	8.871 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	88.71%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.121	85	130	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.728	94	51	N.D.	
6) Chloroethane	1.906	64	50	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	2.277	96	98	N.D.	
11) Carbon disulfide	2.298	76	291	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	2.805	43	1765	1.422 ug/L #	79
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
21) Methyl tert-butyl ether	0.000		0	N.D.	
25) 1,1-Dichloroethane	0.000		0	N.D.	
27) Acrylonitrile	3.339	53	56	N.D.	
29) Vinyl acetate	3.621	43	56	N.D.	
30) cis-1,2-Dichloroethene	0.000		0	N.D.	
31) 2,2-Dichloropropane	0.000		0	N.D.	
33) Bromochloromethane	0.000		0	N.D.	
35) Chloroform	0.000		0	N.D.	

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P21.D
Acq On : 8 Mar 2025 1:03 am
Operator : QUIMBY:MCM
Sample : l2511919-07,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 10 08:19:23 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Carbon tetrachloride	0.000		0	N.D.		
40) 1,1,1-Trichloroethane	0.000		0	N.D.		
42) 2-Butanone	4.437	43	884	0.596	ug/L #	36
43) 1,1-Dichloropropene	0.000		0	N.D.		
45) Benzene	0.000		0	N.D.		
48) 1,2-Dichloroethane	0.000		0	N.D.		
52) Trichloroethene	0.000		0	N.D.		
54) Dibromomethane	0.000		0	N.D.		
55) 1,2-Dichloropropane	0.000		0	N.D.		
58) Bromodichloromethane	0.000		0	N.D.		
61) 1,4-Dioxane	0.000		0	N.D.		
62) cis-1,3-Dichloropropene	0.000		0	N.D.		
65) Toluene	6.791	92	57	N.D.		
66) 4-Methyl-2-pentanone	0.000		0	N.D.		
67) Tetrachloroethene	0.000		0	N.D.		
69) trans-1,3-Dichloropropene	0.000		0	N.D.		
72) 1,1,2-Trichloroethane	0.000		0	N.D.		
73) Chlorodibromomethane	0.000		0	N.D.		
74) 1,3-Dichloropropane	0.000		0	N.D.		
75) 1,2-Dibromoethane	0.000		0	N.D.		
77) 2-Hexanone	0.000		0	N.D.		
78) Chlorobenzene	0.000		0	N.D.		
79) Ethylbenzene	8.532	91	122	N.D.		
80) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
81) p/m Xylene	0.000		0	N.D.		
82) o Xylene	0.000		0	N.D.		
83) Styrene	0.000		0	N.D.		
85) Bromoform	0.000		0	N.D.		
87) Isopropylbenzene	0.000		0	N.D.		
89) Bromobenzene	0.000		0	N.D.		
90) n-Propylbenzene	0.000		0	N.D.		
92) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
93) 4-Ethyltoluene	0.000		0	N.D.		
94) 2-Chlorotoluene	0.000		0	N.D.		
95) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
96) 1,2,3-Trichloropropane	0.000		0	N.D.		
97) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
98) 4-Chlorotoluene	0.000		0	N.D.		
99) tert-Butylbenzene	0.000		0	N.D.		

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P21.D
Acq On : 8 Mar 2025 1:03 am
Operator : QUIMBY:MCM
Sample : l2511919-07,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 10 08:19:23 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102)	1,2,4-Trimethylbenzene	0.000		0	N.D.		
103)	sec-Butylbenzene	0.000		0	N.D.		
104)	p-Isopropyltoluene	0.000		0	N.D.		
105)	1,3-Dichlorobenzene	0.000		0	N.D.		
106)	1,4-Dichlorobenzene	0.000		0	N.D.		
107)	p-Diethylbenzene	0.000		0	N.D.		
108)	n-Butylbenzene	0.000		0	N.D.		
109)	1,2-Dichlorobenzene	0.000		0	N.D.		
110)	1,2,4,5-Tetramethylben...	0.000		0	N.D.		
111)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
113)	Hexachlorobutadiene	0.000		0	N.D.		
114)	1,2,4-Trichlorobenzene	0.000		0	N.D.		
115)	Naphthalene	0.000		0	N.D.		
116)	1,2,3-Trichlorobenzene	0.000		0	N.D.		

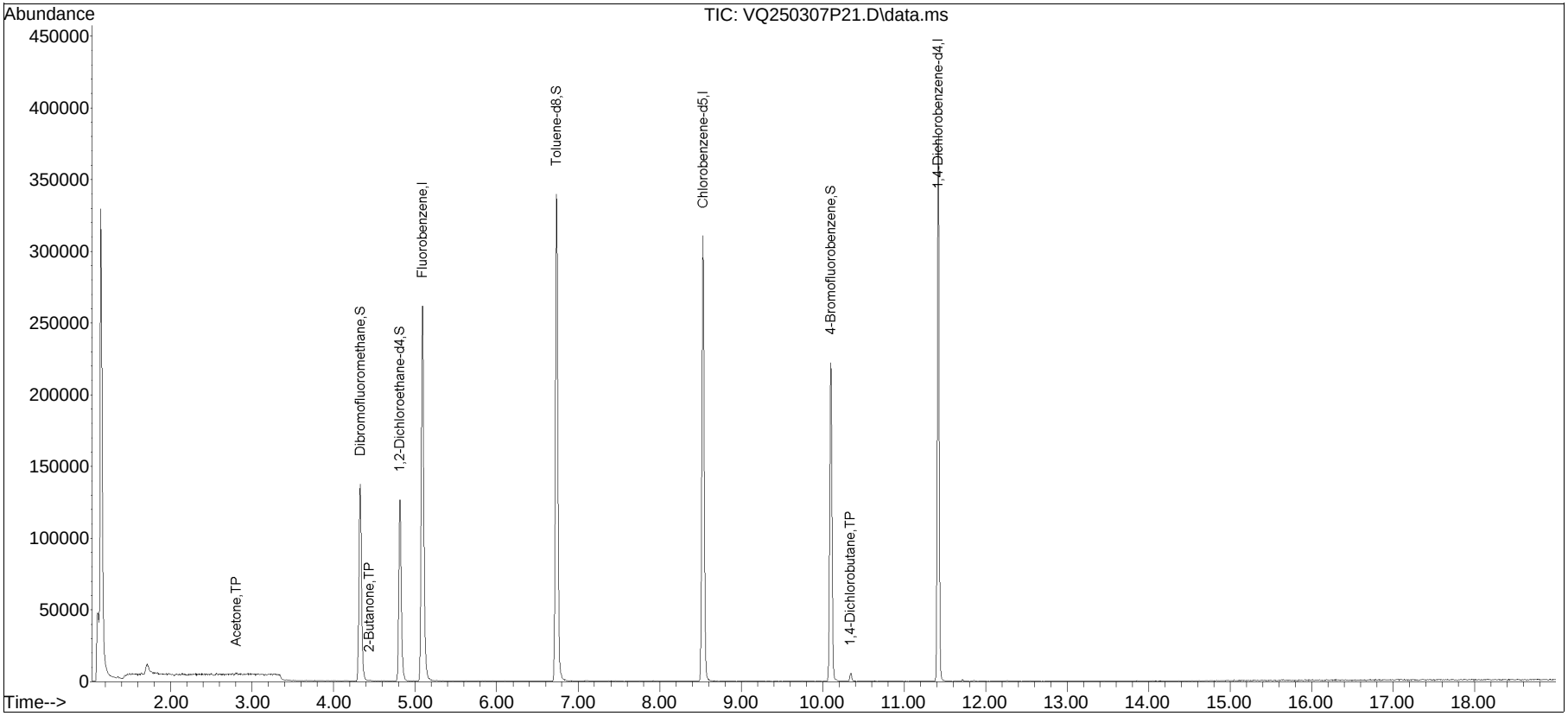
(#) = qualifier out of range (m) = manual integration (+) = signals summed

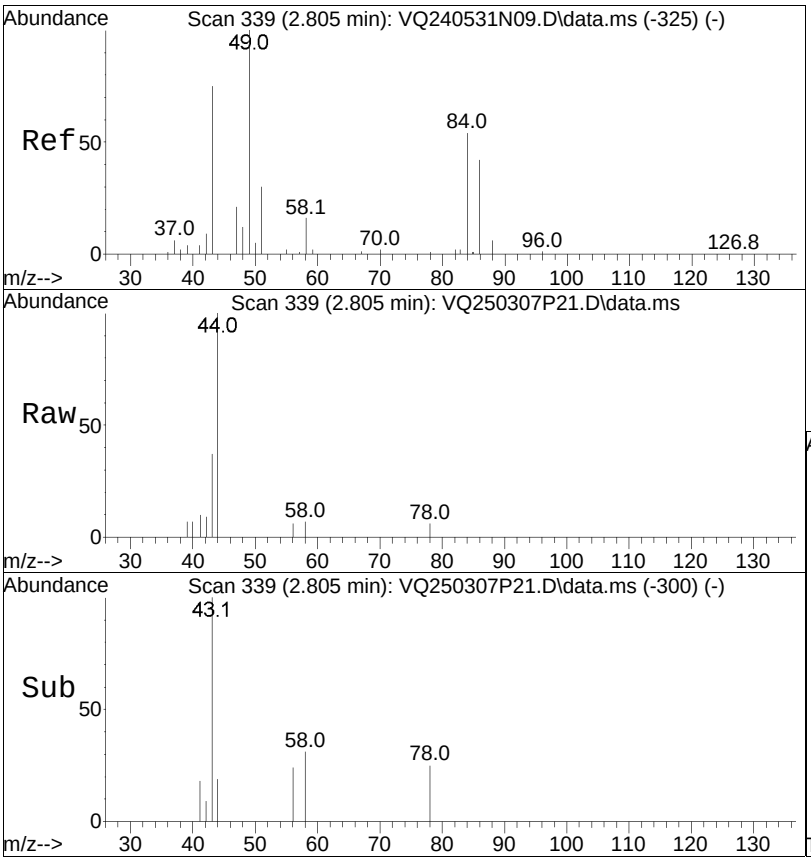
Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P21.D
Acq On : 8 Mar 2025 1:03 am
Operator : QUIMBY:MCM
Sample : l2511919-07,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 10 08:19:23 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox50307P01.D•

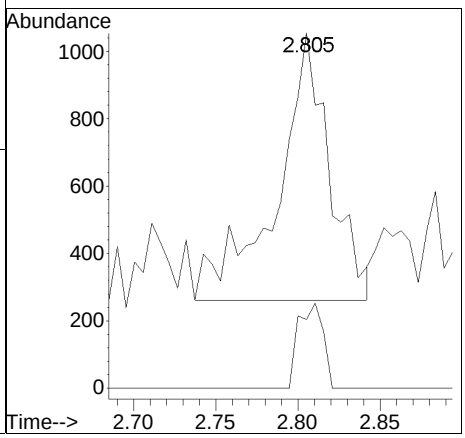


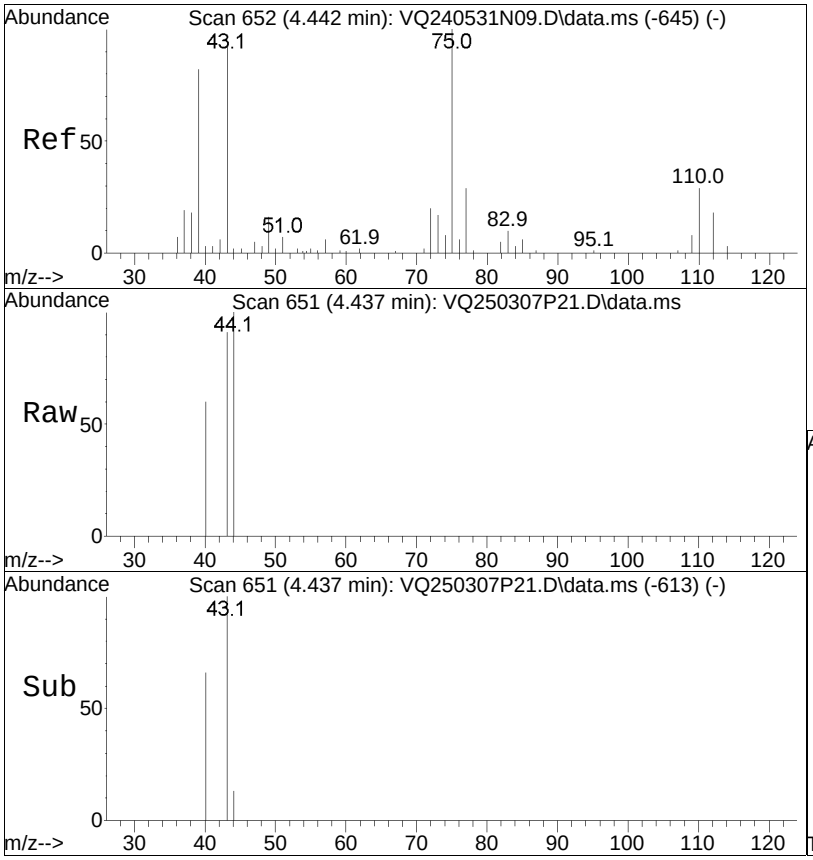


#17
Acetone
Concen: 1.42 ug/L
RT: 2.805 min Scan# 339
Delta R.T. 0.005 min
Lab File: VQ250307P21.D
Acq: 8 Mar 2025 1:03 am

Tgt Ion: 43 Resp: 1765

Ion	Ratio	Lower	Upper
43	100		
58	14.9	20.2	30.4#

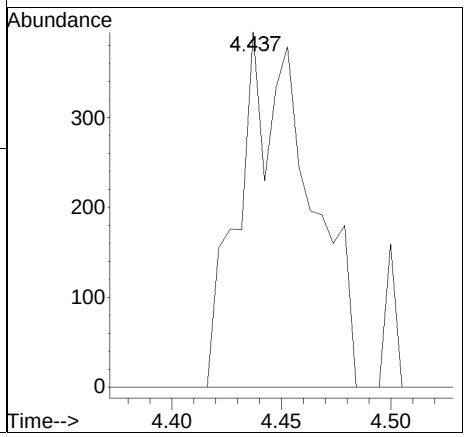




#42
2-Butanone
Concen: 0.60 ug/L
RT: 4.437 min Scan# 651
Delta R.T. -0.000 min
Lab File: VQ250307P21.D
Acq: 8 Mar 2025 1:03 am

Tgt Ion: 43 Resp: 884

Ion	Ratio	Lower	Upper
43	100		
72	0.0	31.2	46.8#



Manual Integration Report

Data Path	: K:\Quimby\2025\250307P\	QMethod	: VQ_250211_8260.m
Data File	: VQ250307P21.D	Operator	: QUIMBY:MCM
Date Inj'd	: 3/8/2025 1:03 am	Instrument	: Quimby
Sample	: l2511919-07,31,10,10,,a	Quant Date	: 3/10/2025 8:19 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P22.D
Acq On : 8 Mar 2025 1:26 am
Operator : QUIMBY:MCM
Sample : l2511919-08,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 10 08:35:08 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.091	96	260531	10.000 ug/L	0.00
Standard Area 1 = 312587			Recovery =	83.35%	
63) Chlorobenzene-d5	8.532	117	198028	10.000 ug/L	0.00
Standard Area 1 = 224444			Recovery =	88.23%	
84) 1,4-Dichlorobenzene-d4	11.419	152	111544	10.000 ug/L	0.00
Standard Area 1 = 146218			Recovery =	76.29%	
System Monitoring Compounds					
39) Dibromofluoromethane	4.327	113	87264	12.038 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	120.38%	
47) 1,2-Dichloroethane-d4	4.814	65	89359	11.224 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	112.24%	
64) Toluene-d8	6.738	98	258630	9.759 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	97.59%	
88) 4-Bromofluorobenzene	10.101	95	77286	8.541 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	85.41%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.111	85	49	N.D.	
3) Chloromethane	1.456	50	49	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.743	94	53	N.D.	
6) Chloroethane	1.702	64	61	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.303	76	306	N.D.	
15) Methylene chloride	2.758	84	48	N.D.	
17) Acetone	2.800	43	2363	1.916 ug/L #	82
18) trans-1,2-Dichloroethene	2.831	96	50	N.D.	
21) Methyl tert-butyl ether	0.000		0	N.D.	
25) 1,1-Dichloroethane	0.000		0	N.D.	
27) Acrylonitrile	3.339	53	47	N.D.	
29) Vinyl acetate	3.767	43	62	N.D.	
30) cis-1,2-Dichloroethene	0.000		0	N.D.	
31) 2,2-Dichloropropane	0.000		0	N.D.	
33) Bromochloromethane	0.000		0	N.D.	
35) Chloroform	0.000		0	N.D.	

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P22.D
Acq On : 8 Mar 2025 1:26 am
Operator : QUIMBY:MCM
Sample : l2511919-08,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 10 08:35:08 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Carbon tetrachloride	0.000		0	N.D.		
40) 1,1,1-Trichloroethane	0.000		0	N.D.		
42) 2-Butanone	0.000		0	N.D.	d	
43) 1,1-Dichloropropene	0.000		0	N.D.		
45) Benzene	0.000		0	N.D.		
48) 1,2-Dichloroethane	0.000		0	N.D.		
52) Trichloroethene	0.000		0	N.D.		
54) Dibromomethane	0.000		0	N.D.		
55) 1,2-Dichloropropane	0.000		0	N.D.		
58) Bromodichloromethane	0.000		0	N.D.		
61) 1,4-Dioxane	0.000		0	N.D.		
62) cis-1,3-Dichloropropene	0.000		0	N.D.		
65) Toluene	0.000		0	N.D.		
66) 4-Methyl-2-pentanone	0.000		0	N.D.		
67) Tetrachloroethene	0.000		0	N.D.		
69) trans-1,3-Dichloropropene	0.000		0	N.D.		
72) 1,1,2-Trichloroethane	0.000		0	N.D.		
73) Chlorodibromomethane	0.000		0	N.D.		
74) 1,3-Dichloropropane	0.000		0	N.D.		
75) 1,2-Dibromoethane	0.000		0	N.D.		
77) 2-Hexanone	0.000		0	N.D.		
78) Chlorobenzene	0.000		0	N.D.		
79) Ethylbenzene	8.532	91	270	N.D.		
80) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
81) p/m Xylene	0.000		0	N.D.		
82) o Xylene	0.000		0	N.D.		
83) Styrene	0.000		0	N.D.		
85) Bromoform	0.000		0	N.D.		
87) Isopropylbenzene	0.000		0	N.D.		
89) Bromobenzene	0.000		0	N.D.		
90) n-Propylbenzene	0.000		0	N.D.		
92) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
93) 4-Ethyltoluene	0.000		0	N.D.		
94) 2-Chlorotoluene	0.000		0	N.D.		
95) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
96) 1,2,3-Trichloropropane	0.000		0	N.D.		
97) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
98) 4-Chlorotoluene	0.000		0	N.D.		
99) tert-Butylbenzene	0.000		0	N.D.		

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P22.D
Acq On : 8 Mar 2025 1:26 am
Operator : QUIMBY:MCM
Sample : l2511919-08,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 10 08:35:08 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
103) sec-Butylbenzene	0.000		0		N.D.	
104) p-Isopropyltoluene	0.000		0		N.D.	
105) 1,3-Dichlorobenzene	0.000		0		N.D.	
106) 1,4-Dichlorobenzene	0.000		0		N.D.	
107) p-Diethylbenzene	0.000		0		N.D.	
108) n-Butylbenzene	0.000		0		N.D.	
109) 1,2-Dichlorobenzene	0.000		0		N.D.	
110) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
111) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
113) Hexachlorobutadiene	0.000		0		N.D.	
114) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) Naphthalene	0.000		0		N.D.	
116) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

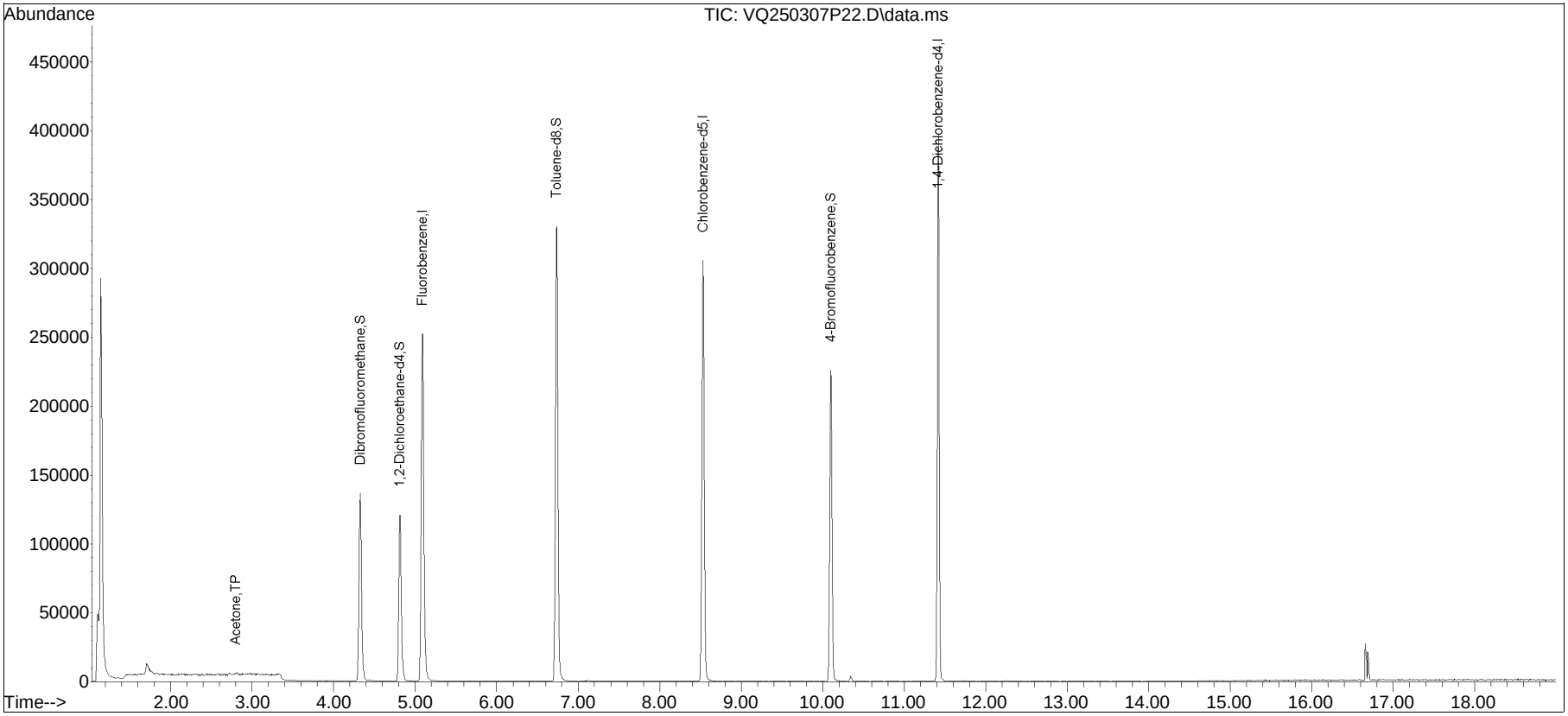
(#) = qualifier out of range (m) = manual integration (+) = signals summed

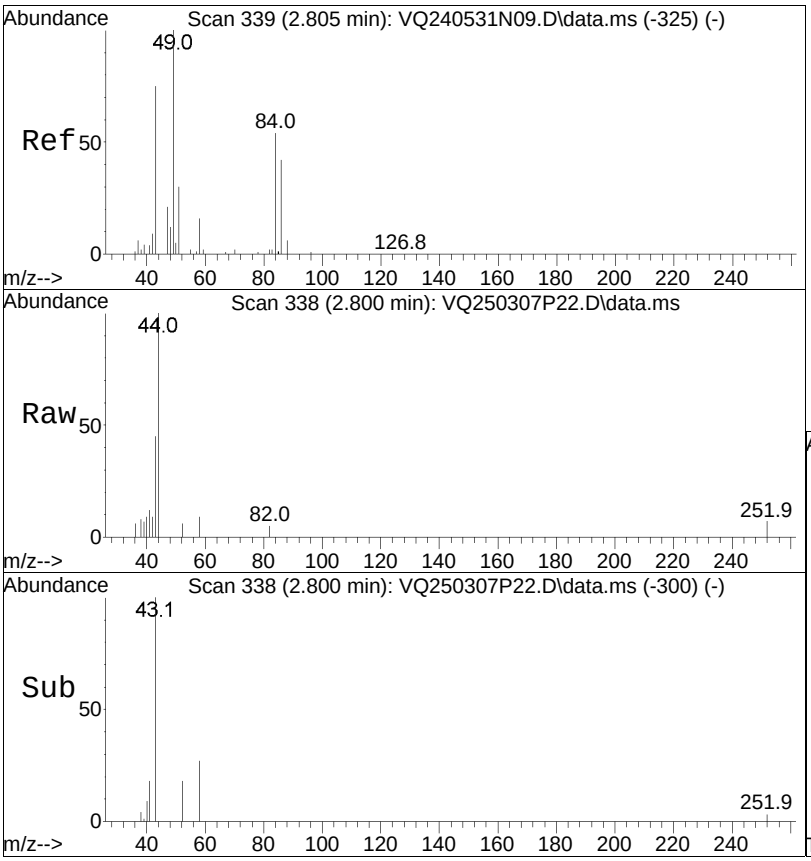
Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P22.D
Acq On : 8 Mar 2025 1:26 am
Operator : QUIMBY:MCM
Sample : l2511919-08,31,10,10,,a
Misc : WG2038492,ICAL21979
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 10 08:35:08 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox50307P01.D•

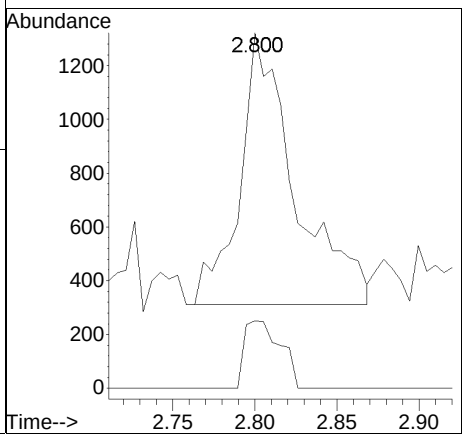




#17
Acetone
Concen: 1.92 ug/L
RT: 2.800 min Scan# 338
Delta R.T. -0.000 min
Lab File: VQ250307P22.D
Acq: 8 Mar 2025 1:26 am

Tgt Ion: 43 Resp: 2363

Ion	Ratio	Lower	Upper
43	100		
58	16.2	20.2	30.4#



Manual Integration Report

Data Path	: K:\Quimby\2025\250307P\	QMethod	: VQ_250211_8260.m
Data File	: VQ250307P22.D	Operator	: QUIMBY:MCM
Date Inj'd	: 3/8/2025 1:26 am	Instrument	: Quimby
Sample	: l2511919-08,31,10,10,,a	Quant Date	: 3/10/2025 8:19 am

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

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Volatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2511919**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: QUIMBY**	**Ical Ref**	**: ICAL21979**
Calibration dates	**: 02/11/25 07:14 02/11/25 09:54**		

Calibration Files
L11 =VQ250211A02.D L1 =VQ250211A03.D L2 =VQ250211A04.D L3 =VQ250211A05.D L4 =VQ250211A06.D
L6 =VQ250211A07.D L8 =VQ250211A08.D L10 =VQ250211A09.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.341	0.372	0.336	0.310	0.297	0.300	0.301	0.322	8.70
3)	TP	Chloromethane		0.336	0.343	0.288	0.280	0.266	0.260	0.251	0.289	12.60
4)	TP	Vinyl chloride	0.265	0.291	0.372	0.329	0.316	0.305	0.305	0.306	0.311	9.88
5)	TP	Bromomethane		0.281	0.270	0.212	0.201	0.196	0.199	0.194	0.222	16.81
6)	TP	Chloroethane		0.199	0.240	0.207	0.199	0.195	0.196	0.192	0.204	8.08
7)	TP	Trichlorofluor		0.434	0.512	0.465	0.432	0.418	0.422	0.425	0.444	7.60
8)	TP	Ethyl ether		0.142	0.154	0.136	0.137	0.133	0.137	0.132	0.139	5.45
10)	TP	1,1-Dichloroet		0.291	0.286	0.253	0.241	0.235	0.236	0.236	0.254	9.62
11)	TP	Carbon disulfide		0.700	0.764	0.691	0.663	0.683	0.665	0.668	0.691	5.09
12)	TP	Freon-113		0.262	0.300	0.274	0.253	0.248	0.251	0.253	0.263	7.11
13)	TP	Iodomethane		0.203	0.277	0.304	0.343	0.351	0.358	0.337	0.310	17.88
14)	TP	Acrolein			0.029	0.025	0.027	0.028	0.030	0.031	0.028	7.39
15)	TP	Methylene chlo		0.353	0.330	0.280	0.278	0.268	0.269	0.256	0.291	12.47
17)	TP	Acetone			0.061	0.045	0.043	0.043	0.046	0.046	0.047	14.87
18)	TP	trans-1,2-Dich		0.296	0.301	0.258	0.254	0.249	0.249	0.244	0.264	8.99
19)	TP	Methyl acetate		0.151	0.149	0.126	0.125	0.126	0.132	0.132	0.135	8.26
21)	TP	Methyl tert butyl ether		0.703	0.748	0.670	0.713	0.705	0.727	0.700	0.709	3.39
22)	TP	tert-Butyl alc		0.010	0.010	0.008	0.007	0.008	0.008	0.009	0.009#	11.25
24)	TP	Diisopropyl ether		0.967	0.914	0.841	0.885	0.872	0.884	0.855	0.888	4.73
25)	TP	1,1-Dichloroet		0.449	0.488	0.431	0.422	0.403	0.405	0.395	0.428	7.52
26)	TP	Halothane		0.183	0.195	0.176	0.171	0.168	0.170	0.172	0.176	5.35
27)	TP	Acrylonitrile		0.066	0.065	0.050	0.048	0.046	0.049	0.048	0.053	16.68
28)	TP	Ethyl tert-but		0.595	0.647	0.590	0.637	0.634	0.653	0.639	0.628	3.97
29)	TP	Vinyl acetate		0.406	0.457	0.414	0.459	0.460	0.487	0.477	0.452	6.71
30)	TP	cis-1,2-Dichlo		0.255	0.283	0.240	0.243	0.233	0.237	0.230	0.246	7.35
31)	TP	2,2-Dichloropr		0.364	0.399	0.365	0.357	0.353	0.359	0.358	0.365	4.28
33)	TP	Bromochloromet		0.115	0.134	0.114	0.118	0.114	0.116	0.112	0.117	6.40
34)	TP	Cyclohexane		0.415	0.452	0.416	0.384	0.383	0.386	0.404	0.406	6.11
35)	TP	Chloroform		0.431	0.464	0.400	0.403	0.387	0.391	0.380	0.408	7.30
36)	TP	Ethyl acetate		0.139	0.139	0.126	0.134	0.136	0.145	0.146	0.138	4.86
37)	TP	Carbon tetrachloride	0.260	0.324	0.373	0.337	0.329	0.323	0.333	0.336	0.327	9.59
38)	TP	Tetrahydrofuran			0.064	0.047	0.046	0.045	0.047	0.047	0.049	14.86
39)	S	Dibromofluoromethane	0.276	0.280	0.283	0.276	0.275	0.274	0.282	0.280	0.278	1.25
40)	TP	1,1,1-Trichlor		0.351	0.399	0.363	0.355	0.348	0.351	0.353	0.360	4.97
42)	TP	2-Butanone		0.072	0.059	0.049	0.050	0.052	0.056	0.058	0.057	13.75

Initial Calibration Summary
Form 6
Volatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2511919**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: QUIMBY**	**Ical Ref**	**: ICAL21979**
Calibration dates	**: 02/11/25 07:14 02/11/25 09:54**		

Calibration Files
L11 =VQ250211A02.D L1 =VQ250211A03.D L2 =VQ250211A04.D L3 =VQ250211A05.D L4 =VQ250211A06.D
L6 =VQ250211A07.D L8 =VQ250211A08.D L10 =VQ250211A09.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
43) TP	1,1-Dichloropr		0.273	0.310	0.292	0.287	0.286	0.286	0.289	0.289	3.83
45) TP	Benzene	0.955	0.902	0.980	0.885	0.890	0.864	0.869	0.847	0.899	5.12
46) TP	Tertiary-Amyl Methyl Ether		0.543	0.575	0.517	0.554	0.559	0.576	0.566	0.556	3.68
47) S	1,2-Dichloroethane-d4	0.297	0.300	0.308	0.305	0.301	0.300	0.313	0.321	0.306	2.62
48) T	1,2-Dichloroethane	0.295	0.303	0.322	0.287	0.290	0.280	0.286	0.276	0.293	4.98
51) TP	Methyl cyclohe		0.363	0.396	0.402	0.373	0.400	0.386	0.422	0.392	5.04
52) TP	Trichloroethene	0.226	0.206	0.246	0.228	0.230	0.230	0.234	0.239	0.230	5.13
54) TP	Dibromomethane		0.144	0.143	0.123	0.127	0.124	0.127	0.124	0.130	7.09
55) TP	1,2-Dichloropr		0.230	0.248	0.221	0.230	0.222	0.225	0.216	0.227	4.51
57) TP	2-Chloroethyl		0.106	0.111	0.103	0.111	0.109	0.115	0.111	0.109	3.53
58) TP	Bromodichlorom		0.306	0.336	0.301	0.315	0.311	0.319	0.309	0.314	3.55
61) TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	5.45
62) TP	cis-1,3-Dichloropropene	0.305	0.326	0.358	0.340	0.369	0.369	0.380	0.368	0.352	7.32
63) I	Chlorobenzene-d5	----------ISTD----------									
64) S	Toluene-d8	1.367	1.363	1.368	1.363	1.341	1.316	1.300	1.288	1.338	2.42
65) TP	Toluene		0.745	0.821	0.754	0.754	0.728	0.729	0.717	0.750	4.61
66) TP	4-Methyl-2-pen		0.048	0.066	0.059	0.064	0.063	0.067	0.067	0.062	10.95
67) TP	Tetrachloroethene	0.302	0.317	0.355	0.340	0.328	0.328	0.328	0.331	0.329	4.78
69) TP	trans-1,3-Dichloropropene	0.324	0.343	0.392	0.374	0.416	0.414	0.428	0.410	0.388	9.63
71) TP	Ethyl methacry		0.262	0.278	0.264	0.278	0.268	0.276	0.264	0.270	2.59
72) TP	1,1,2-Trichlor		0.194	0.194	0.185	0.194	0.188	0.193	0.185	0.191#	2.16
73) TP	Chlorodibromom		0.263	0.292	0.278	0.303	0.302	0.312	0.300	0.293	5.81
74) TP	1,3-Dichloropr		0.402	0.426	0.393	0.414	0.392	0.401	0.382	0.401	3.66
75) TP	1,2-Dibromoethane		0.205	0.221	0.215	0.228	0.220	0.228	0.219	0.219	3.53
77) TP	2-Hexanone			0.130	0.105	0.107	0.103	0.111	0.107	0.110	8.86
78) TP	Chlorobenzene		0.854	0.905	0.836	0.855	0.821	0.830	0.801	0.843	3.93
79) TP	Ethylbenzene		1.412	1.573	1.474	1.466	1.433	1.440	1.425	1.460	3.72
80) TP	1,1,1,2-Tetrac		0.271	0.308	0.292	0.318	0.317	0.327	0.319	0.307	6.34
81) TP	p/m Xylene		0.565	0.622	0.584	0.591	0.586	0.593	0.591	0.591	2.87
82) TP	o Xylene		0.553	0.611	0.572	0.580	0.570	0.590	0.577	0.579	3.11
83) TP	Styrene		0.868	0.985	0.937	0.995	0.990	1.032	0.971	0.968	5.43
84) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
85) TP	Bromoform		0.260	0.273	0.264	0.302	0.314	0.331	0.349	0.299	11.66
87) TP	Isopropylbenzene		2.222	2.600	2.410	2.389	2.325	2.283	2.424	2.379	5.10
88) S	4-Bromofluorobenzene	0.841	0.845	0.847	0.813	0.813	0.773	0.766	0.790	0.811	3.96
89) TP	Bromobenzene		0.603	0.666	0.595	0.617	0.579	0.583	0.598	0.606	4.85

Initial Calibration Summary
Form 6
Volatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2511919**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: QUIMBY**	**Ical Ref**	**: ICAL21979**
Calibration dates	**: 02/11/25 07:14 02/11/25 09:54**		

Calibration Files
L11 =VQ250211A02.D L1 =VQ250211A03.D L2 =VQ250211A04.D L3 =VQ250211A05.D L4 =VQ250211A06.D
L6 =VQ250211A07.D L8 =VQ250211A08.D L10 =VQ250211A09.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
90) TP	n-Propylbenzene		2.653	3.036	2.838	2.826	2.806	2.750	2.853	2.823	4.12
91) TP	1,4-Dichlorobu		0.659	0.658	0.569	0.592	0.568	0.593	0.635	0.611	6.48
92) TP	1,1,2,2-Tetrachloroethane	0.378	0.426	0.466	0.405	0.427	0.404	0.415	0.433	0.419	6.14
93) TP	4-Ethyltoluene		2.206	2.510	2.400	2.450	2.449	2.407	2.477	2.414	4.11
94) TP	2-Chlorotoluene		1.958	2.169	1.937	2.000	1.962	1.958	2.054	2.005	4.08
95) TP	1,3,5-Trimethy		1.823	2.069	2.001	2.082	2.093	2.058	2.069	2.028	4.68
96) TP	1,2,3-Trichlor		0.354	0.373	0.330	0.342	0.326	0.338	0.352	0.345	4.69
97) TP	trans-1,4-Dich		0.139	0.138	0.115	0.123	0.122	0.128	0.132	0.128	6.92
98) TP	4-Chlorotoluene		1.703	1.937	1.744	1.807	1.735	1.731	1.758	1.774	4.43
99) TP	tert-Butylbenzene		1.650	1.871	1.764	1.735	1.744	1.694	1.727	1.741	3.93
102) TP	1,2,4-Trimethy		1.696	2.010	1.914	2.060	2.092	2.083	2.042	1.985	7.09
103) TP	sec-Butylbenzene		2.250	2.593	2.540	2.464	2.589	2.450	2.467	2.479	4.73
104) TP	p-Isopropyltol		1.866	2.208	2.201	2.218	2.361	2.235	2.218	2.187	6.94
105) TP	1,3-Dichlorobe		1.187	1.297	1.182	1.237	1.216	1.224	1.189	1.219	3.29
106) TP	1,4-Dichlorobe		1.157	1.341	1.189	1.251	1.206	1.216	1.171	1.219	5.09
107) TP	p-Diethylbenzene		1.017	1.226	1.226	1.296	1.421	1.320	1.367	1.267	10.33
108) TP	n-Butylbenzene		1.372	1.709	1.775	1.810	2.029	1.843	1.912	1.779	11.61
109) TP	1,2-Dichlorobe		1.124	1.236	1.107	1.174	1.122	1.124	1.090	1.140	4.35
110) TP	1,2,4,5-Tetram		1.723	1.961	1.860	2.026	2.124	2.042	2.314	2.007	9.41
111) TP	1,2-Dibromo-3-		0.071	0.071	0.065	0.067	0.066	0.066	0.074	0.069	5.25
112) TP	1,3,5-Trichlor		0.782	0.877	0.826	0.877	0.894	0.856	1.025	0.877	8.62
113) TP	Hexachlorobuta		0.255	0.293	0.294	0.281	0.338	0.279	0.350	0.299	11.26
114) TP	1,2,4-Trichlor		0.725	0.804	0.756	0.809	0.783	0.823	0.962	0.809	9.34
115) TP	Naphthalene		1.584	1.708	1.549	1.631	1.468	1.570	1.775	1.612	6.38
116) TP	1,2,3-Trichlor		0.714	0.788	0.728	0.750	0.686	0.745	0.819	0.747	5.99

Response Factor Report Quimby

Method Path : K:\Quimby\2025\250211ICAL\
Method File : VQ_250211_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Feb 19 09:20:03 2025
Response Via : Initial Calibration

Calibration Files
L11 =VQ250211A02.D L1 =VQ250211A03.D L2 =VQ250211A04.D L3 =VQ250211A05.D L4 =VQ250211A06.D
L6 =VQ250211A07.D L8 =VQ250211A08.D L10 =VQ250211A09.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo...		0.341	0.372	0.336	0.310	0.297	0.300	0.301	0.322	8.70
3)	TP	Chloromethane		0.336	0.343	0.288	0.280	0.266	0.260	0.251	0.289	12.60
4)	TP	Vinyl chloride	0.265	0.291	0.372	0.329	0.316	0.305	0.305	0.306	0.311	9.88
5)	TP	Bromomethane		0.281	0.270	0.212	0.201	0.196	0.199	0.194	0.222	16.81
6)	TP	Chloroethane		0.199	0.240	0.207	0.199	0.195	0.196	0.192	0.204	8.08
7)	TP	Trichlorofluor...		0.434	0.512	0.465	0.432	0.418	0.422	0.425	0.444	7.60
8)	TP	Ethyl ether		0.142	0.154	0.136	0.137	0.133	0.137	0.132	0.139	5.45
10)	TP	1,1-Dichloroet...		0.291	0.286	0.253	0.241	0.235	0.236	0.236	0.254	9.62
11)	TP	Carbon disulfide		0.700	0.764	0.691	0.663	0.683	0.665	0.668	0.691	5.09
12)	TP	Freon-113		0.262	0.300	0.274	0.253	0.248	0.251	0.253	0.263	7.11
13)	TP	Iodomethane		0.203	0.277	0.304	0.343	0.351	0.358	0.337	0.310	17.88
14)	TP	Acrolein			0.029	0.025	0.027	0.028	0.030	0.031	0.028	7.39
15)	TP	Methylene chlo...		0.353	0.330	0.280	0.278	0.268	0.269	0.256	0.291	12.47
17)	TP	Acetone			0.061	0.045	0.043	0.043	0.046	0.046	0.047	14.87
18)	TP	trans-1,2-Dich...		0.296	0.301	0.258	0.254	0.249	0.249	0.244	0.264	8.99
19)	TP	Methyl acetate		0.151	0.149	0.126	0.125	0.126	0.132	0.132	0.135	8.26
21)	TP	Methyl tert-bu...		0.703	0.748	0.670	0.713	0.705	0.727	0.700	0.709	3.39
22)	TP	tert-Butyl alc...		0.010	0.010	0.008	0.007	0.008	0.008	0.009	0.009#	11.25
24)	TP	Diisopropyl ether		0.967	0.914	0.841	0.885	0.872	0.884	0.855	0.888	4.73
25)	TP	1,1-Dichloroet...		0.449	0.488	0.431	0.422	0.403	0.405	0.395	0.428	7.52
26)	TP	Halothane		0.183	0.195	0.176	0.171	0.168	0.170	0.172	0.176	5.35
27)	TP	Acrylonitrile		0.066	0.065	0.050	0.048	0.046	0.049	0.048	0.053	16.68
28)	TP	Ethyl tert-but...		0.595	0.647	0.590	0.637	0.634	0.653	0.639	0.628	3.97
29)	TP	Vinyl acetate		0.406	0.457	0.414	0.459	0.460	0.487	0.477	0.452	6.71
30)	TP	cis-1,2-Dichlo...		0.255	0.283	0.240	0.243	0.233	0.237	0.230	0.246	7.35
31)	TP	2,2-Dichloropr...		0.364	0.399	0.365	0.357	0.353	0.359	0.358	0.365	4.28
33)	TP	Bromochloromet...		0.115	0.134	0.114	0.118	0.114	0.116	0.112	0.117	6.40
34)	TP	Cyclohexane		0.415	0.452	0.416	0.384	0.383	0.386	0.404	0.406	6.11
35)	TP	Chloroform		0.431	0.464	0.400	0.403	0.387	0.391	0.380	0.408	7.30
36)	TP	Ethyl acetate		0.139	0.139	0.126	0.134	0.136	0.145	0.146	0.138	4.86

Method Path : K:\Quimby\2025\250211ICAL\
Method File : VQ_250211_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Feb 19 09:20:03 2025
Response Via : Initial Calibration

Calibration Files
L11 =VQ250211A02.D L1 =VQ250211A03.D L2 =VQ250211A04.D L3 =VQ250211A05.D L4 =VQ250211A06.D
L6 =VQ250211A07.D L8 =VQ250211A08.D L10 =VQ250211A09.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
37)	TP	Carbon tetrach...	0.260	0.324	0.373	0.337	0.329	0.323	0.333	0.336	0.327	9.59
38)	TP	Tetrahydrofuran			0.064	0.047	0.046	0.045	0.047	0.047	0.049	14.86
39)	S	Dibromofluorom...	0.276	0.280	0.283	0.276	0.275	0.274	0.282	0.280	0.278	1.25
40)	TP	1,1,1-Trichlor...		0.351	0.399	0.363	0.355	0.348	0.351	0.353	0.360	4.97
42)	TP	2-Butanone		0.072	0.059	0.049	0.050	0.052	0.056	0.058	0.057	13.75
43)	TP	1,1-Dichloropr...		0.273	0.310	0.292	0.287	0.286	0.286	0.289	0.289	3.83
45)	TP	Benzene	0.955	0.902	0.980	0.885	0.890	0.864	0.869	0.847	0.899	5.12
46)	TP	tert-Amyl meth...		0.543	0.575	0.517	0.554	0.559	0.576	0.566	0.556	3.68
47)	S	1,2-Dichloroet...	0.297	0.300	0.308	0.305	0.301	0.300	0.313	0.321	0.306	2.62
48)	T	1,2-Dichloroet...	0.295	0.303	0.322	0.287	0.290	0.280	0.286	0.276	0.293	4.98
51)	TP	Methyl cyclohe...		0.363	0.396	0.402	0.373	0.400	0.386	0.422	0.392	5.04
52)	TP	Trichloroethene	0.226	0.206	0.246	0.228	0.230	0.230	0.234	0.239	0.230	5.13
54)	TP	Dibromomethane		0.144	0.143	0.123	0.127	0.124	0.127	0.124	0.130	7.09
55)	TP	1,2-Dichloropr...		0.230	0.248	0.221	0.230	0.222	0.225	0.216	0.227	4.51
57)	TP	2-Chloroethyl ...		0.106	0.111	0.103	0.111	0.109	0.115	0.111	0.109	3.53
58)	TP	Bromodichlorom...		0.306	0.336	0.301	0.315	0.311	0.319	0.309	0.314	3.55
61)	TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	5.45
62)	TP	cis-1,3-Dichlo...	0.305	0.326	0.358	0.340	0.369	0.369	0.380	0.368	0.352	7.32
63)	I	Chlorobenzene-d5	----------ISTD----------									
64)	S	Toluene-d8	1.367	1.363	1.368	1.363	1.341	1.316	1.300	1.288	1.338	2.42
65)	TP	Toluene		0.745	0.821	0.754	0.754	0.728	0.729	0.717	0.750	4.61
66)	TP	4-Methyl-2-pen...		0.048	0.066	0.059	0.064	0.063	0.067	0.067	0.062	10.95
67)	TP	Tetrachloroethene	0.302	0.317	0.355	0.340	0.328	0.328	0.328	0.331	0.329	4.78
69)	TP	trans-1,3-Dich...	0.324	0.343	0.392	0.374	0.416	0.414	0.428	0.410	0.388	9.63
71)	TP	Ethyl methacry...		0.262	0.278	0.264	0.278	0.268	0.276	0.264	0.270	2.59
72)	TP	1,1,2-Trichlor...		0.194	0.194	0.185	0.194	0.188	0.193	0.185	0.191#	2.16
73)	TP	Chlorodibromom...		0.263	0.292	0.278	0.303	0.302	0.312	0.300	0.293	5.81
74)	TP	1,3-Dichloropr...		0.402	0.426	0.393	0.414	0.392	0.401	0.382	0.401	3.66
75)	TP	1,2-Dibromoethane		0.205	0.221	0.215	0.228	0.220	0.228	0.219	0.219	3.53
77)	TP	2-Hexanone			0.130	0.105	0.107	0.103	0.111	0.107	0.110	8.86
78)	TP	Chlorobenzene		0.854	0.905	0.836	0.855	0.821	0.830	0.801	0.843	3.93

Method Path : K:\Quimby\2025\250211ICAL\
Method File : VQ_250211_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Feb 19 09:20:03 2025
Response Via : Initial Calibration

Calibration Files
L11 =VQ250211A02.D L1 =VQ250211A03.D L2 =VQ250211A04.D L3 =VQ250211A05.D L4 =VQ250211A06.D
L6 =VQ250211A07.D L8 =VQ250211A08.D L10 =VQ250211A09.D

	Compound		L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
79)	TP	Ethylbenzene		1.412	1.573	1.474	1.466	1.433	1.440	1.425	1.460	3.72
80)	TP	1,1,1,2-Tetrac...		0.271	0.308	0.292	0.318	0.317	0.327	0.319	0.307	6.34
81)	TP	p/m Xylene		0.565	0.622	0.584	0.591	0.586	0.593	0.591	0.591	2.87
82)	TP	o Xylene		0.553	0.611	0.572	0.580	0.570	0.590	0.577	0.579	3.11
83)	TP	Styrene		0.868	0.985	0.937	0.995	0.990	1.032	0.971	0.968	5.43
84)	I	1,4-Dichlorobenzene-d4	----------ISTD----------									
85)	TP	Bromoform		0.260	0.273	0.264	0.302	0.314	0.331	0.349	0.299	11.66
87)	TP	Isopropylbenzene		2.222	2.600	2.410	2.389	2.325	2.283	2.424	2.379	5.10
88)	S	4-Bromofluorob...	0.841	0.845	0.847	0.813	0.813	0.773	0.766	0.790	0.811	3.96
89)	TP	Bromobenzene		0.603	0.666	0.595	0.617	0.579	0.583	0.598	0.606	4.85
90)	TP	n-Propylbenzene		2.653	3.036	2.838	2.826	2.806	2.750	2.853	2.823	4.12
91)	TP	1,4-Dichlorobu...		0.659	0.658	0.569	0.592	0.568	0.593	0.635	0.611	6.48
92)	TP	1,1,2,2-Tetrac...	0.378	0.426	0.466	0.405	0.427	0.404	0.415	0.433	0.419	6.14
93)	TP	4-Ethyltoluene		2.206	2.510	2.400	2.450	2.449	2.407	2.477	2.414	4.11
94)	TP	2-Chlorotoluene		1.958	2.169	1.937	2.000	1.962	1.958	2.054	2.005	4.08
95)	TP	1,3,5-Trimethy...		1.823	2.069	2.001	2.082	2.093	2.058	2.069	2.028	4.68
96)	TP	1,2,3-Trichlor...		0.354	0.373	0.330	0.342	0.326	0.338	0.352	0.345	4.69
97)	TP	trans-1,4-Dich...		0.139	0.138	0.115	0.123	0.122	0.128	0.132	0.128	6.92
98)	TP	4-Chlorotoluene		1.703	1.937	1.744	1.807	1.735	1.731	1.758	1.774	4.43
99)	TP	tert-Butylbenzene		1.650	1.871	1.764	1.735	1.744	1.694	1.727	1.741	3.93
102)	TP	1,2,4-Trimethy...		1.696	2.010	1.914	2.060	2.092	2.083	2.042	1.985	7.09
103)	TP	sec-Butylbenzene		2.250	2.593	2.540	2.464	2.589	2.450	2.467	2.479	4.73
104)	TP	p-Isopropyltol...		1.866	2.208	2.201	2.218	2.361	2.235	2.218	2.187	6.94
105)	TP	1,3-Dichlorobe...		1.187	1.297	1.182	1.237	1.216	1.224	1.189	1.219	3.29
106)	TP	1,4-Dichlorobe...		1.157	1.341	1.189	1.251	1.206	1.216	1.171	1.219	5.09
107)	TP	p-Diethylbenzene		1.017	1.226	1.226	1.296	1.421	1.320	1.367	1.267	10.33
108)	TP	n-Butylbenzene		1.372	1.709	1.775	1.810	2.029	1.843	1.912	1.779	11.61
109)	TP	1,2-Dichlorobe...		1.124	1.236	1.107	1.174	1.122	1.124	1.090	1.140	4.35
110)	TP	1,2,4,5-Tetram...		1.723	1.961	1.860	2.026	2.124	2.042	2.314	2.007	9.41
111)	TP	1,2-Dibromo-3-...		0.071	0.071	0.065	0.067	0.066	0.066	0.074	0.069	5.25
112)	TP	1,3,5-Trichlor...		0.782	0.877	0.826	0.877	0.894	0.856	1.025	0.877	8.62

Method Path : K:\Quimby\2025\250211ICAL\
Method File : VQ_250211_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Feb 19 09:20:03 2025
Response Via : Initial Calibration

Calibration Files
L11 =VQ250211A02.D L1 =VQ250211A03.D L2 =VQ250211A04.D L3 =VQ250211A05.D L4 =VQ250211A06.D
L6 =VQ250211A07.D L8 =VQ250211A08.D L10 =VQ250211A09.D

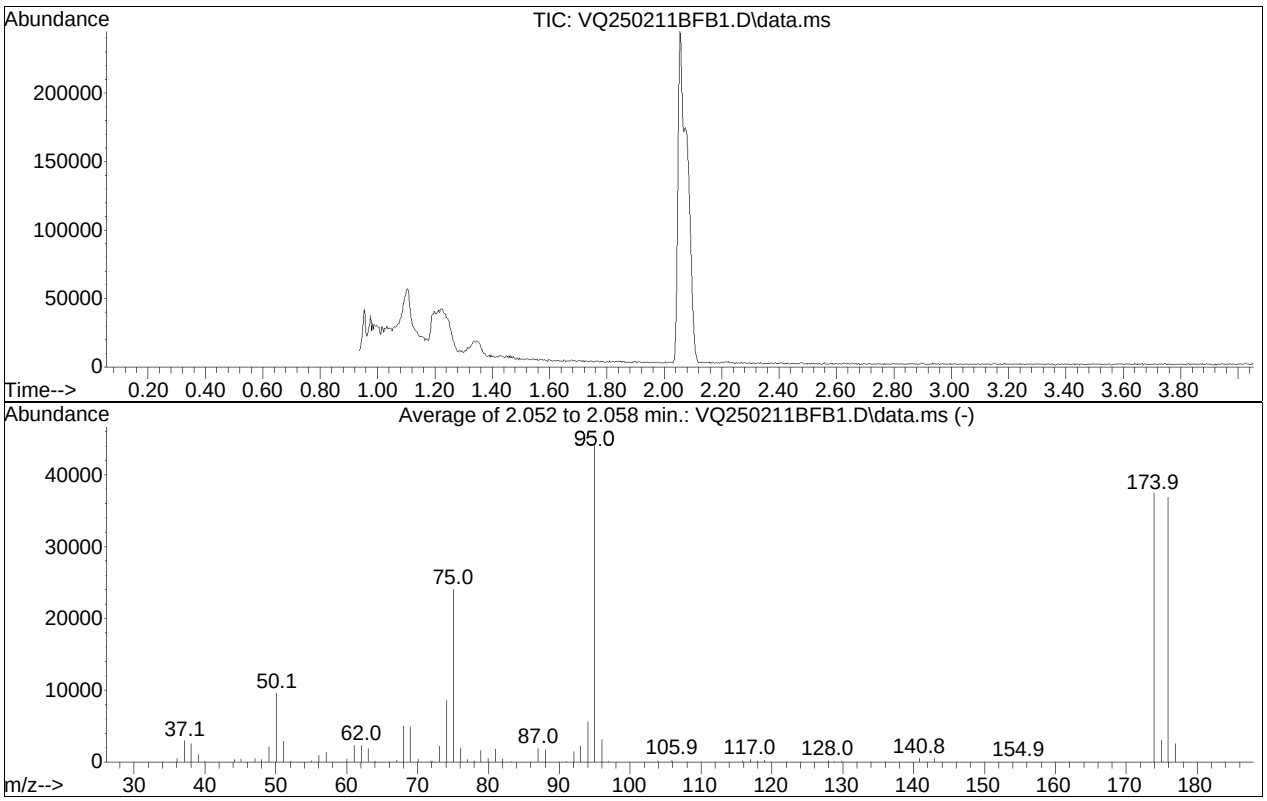
	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
113)	TP Hexachlorobuta...	0.255	0.293	0.294	0.281	0.338	0.279	0.350	0.299	11.26	
114)	TP 1,2,4-Trichlor...	0.725	0.804	0.756	0.809	0.783	0.823	0.962	0.809	9.34	
115)	TP Naphthalene	1.584	1.708	1.549	1.631	1.468	1.570	1.775	1.612	6.38	
116)	TP 1,2,3-Trichlor...	0.714	0.788	0.728	0.750	0.686	0.745	0.819	0.747	5.99	

(#) = Out of Range

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211BFB1.D
Acq On : 11 Feb 2025 6:34 am
Operator : QUIMBY:MCM
Sample : WG2029793-1
Misc : WG2029793
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Feb 11 10:49:01 2025



AutoFind: Scans 373, 374, 375; Background Corrected with Scan 363

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.7	9666	PASS
75	95	30	60	54.0	24029	PASS
95	95	100	100	100.0	44464	PASS
96	95	5	9	7.2	3199	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	84.2	37421	PASS
175	174	5	9	8.2	3052	PASS
176	174	95	101	98.5	36859	PASS
177	176	5	9	6.9	2553	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A02.D
Acq On : 11 Feb 2025 7:14 am
Operator : QUIMBY:MCM
Sample : I8260STDL0.19ppb
Misc : WG2029793
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 19 10:37:14 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-L11_NJnew - L11 new NJ

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.085	96	374226	10.000 ug/L	0.00
Standard Area 1 = 361297			Recovery = 103.58%		
63) Chlorobenzene-d5	8.527	117	281014	10.000 ug/L	0.00
Standard Area 1 = 266173			Recovery = 105.58%		
84) 1,4-Dichlorobenzene-d4	11.414	152	165402	10.000 ug/L	0.00
Standard Area 1 = 162445			Recovery = 101.82%		
System Monitoring Compounds					
39) Dibromofluoromethane	4.322	113	103274	9.918 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.18%		
47) 1,2-Dichloroethane-d4	4.814	65	111233	9.727 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.27%		
64) Toluene-d8	6.733	98	384045	10.212 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.12%		
88) 4-Bromofluorobenzene	10.096	95	139170	10.372 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.72%		
Target Compounds					Qvalue
4) Vinyl chloride	1.440	62	1886	0.162 ug/L	88
37) Carbon tetrachloride	4.275	117	1846	0.151 ug/L	93
45) Benzene	4.683	78	6790	0.202 ug/L #	84
48) 1,2-Dichloroethane	4.882	62	2096	0.191 ug/L #	83
52) Trichloroethene	5.253	95	1604	0.187 ug/L	92
62) cis-1,3-Dichloropropene	6.529	75	2170	0.165 ug/L #	77
67) Tetrachloroethene	7.219	166	1610	0.174 ug/L	89
69) trans-1,3-Dichloropropene	7.272	75	1732	0.159 ug/L #	52
92) 1,1,2,2-Tetrachloroethane	10.399	83	1187	0.171 ug/L #	96

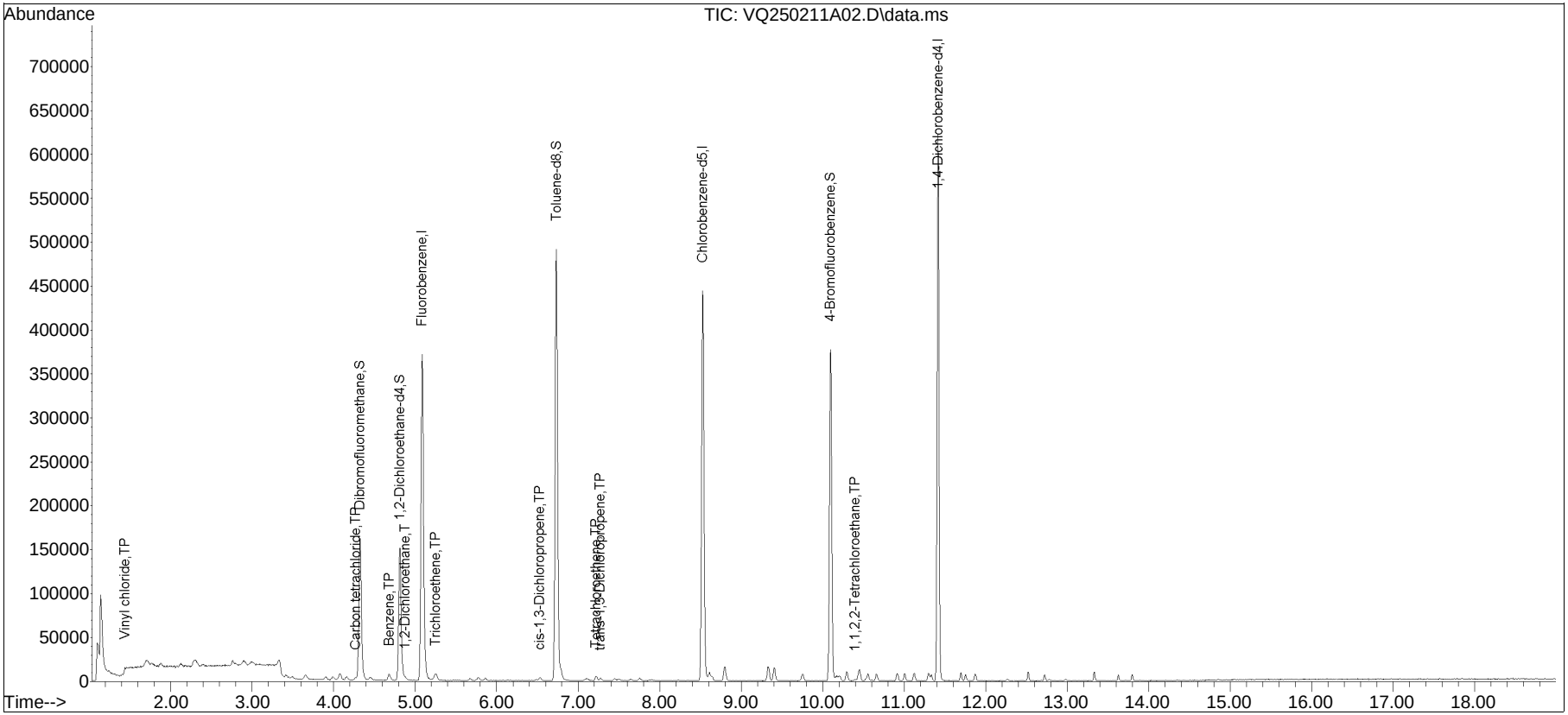
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A02.D
Acq On : 11 Feb 2025 7:14 am
Operator : QUIMBY:MCM
Sample : I8260STDL0.19ppb
Misc : WG2029793
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 19 10:37:14 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

Sub List : 8260-L11_NJnew - L11 new NJAL\VQ250211A05.D•



Manual Integration Report

Data Path	: K:\Quimby\2025\250211ICAL\	QMethod	: VQ_250211_8260.m
Data File	: VQ250211A02.D	Operator	: QUIMBY:MCM
Date Inj'd	: 2/11/2025 7:14 am	Instrument	: Quimby
Sample	: I8260STDL0.19ppb	Quant Date	: 2/19/2025 10:37 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A03.D
Acq On : 11 Feb 2025 7:37 am
Operator : QUIMBY:MCM
Sample : I8260STDL0.5ppb
Misc : WG2029793
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 19 10:37:23 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.086	96	342002	10.000 ug/L	0.00
Standard Area 1 = 361297			Recovery =	94.66%	
63) Chlorobenzene-d5	8.527	117	254733	10.000 ug/L	0.00
Standard Area 1 = 266173			Recovery =	95.70%	
84) 1,4-Dichlorobenzene-d4	11.414	152	149457	10.000 ug/L	0.00
Standard Area 1 = 162445			Recovery =	92.00%	
System Monitoring Compounds					
39) Dibromofluoromethane	4.322	113	95867	10.074 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.74%	
47) 1,2-Dichloroethane-d4	4.814	65	102454	9.803 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.03%	
64) Toluene-d8	6.733	98	346413	10.162 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.62%	
88) 4-Bromofluorobenzene	10.096	95	126253	10.413 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.13%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.247	85	5836M1	0.529 ug/L	
3) Chloromethane	1.409	50	5739	0.581 ug/L	96
4) Vinyl chloride	1.440	62	4978	0.468 ug/L	99
5) Bromomethane	1.675	94	4810	0.634 ug/L	99
6) Chloroethane	1.775	64	3404	0.488 ug/L	83
7) Trichlorofluoromethane	1.879	101	7422	0.489 ug/L	94
8) Ethyl ether	2.130	74	2421	0.510 ug/L	97
10) 1,1-Dichloroethene	2.282	96	4981	0.574 ug/L #	78
11) Carbon disulfide	2.303	76	11976	0.507 ug/L	99
12) Freon-113	2.319	101	4472	0.497 ug/L	97
13) Iodomethane	2.397	142	3464	0.326 ug/L	98
14) Acrolein	0.000		0	N.D. d	
15) Methylene chloride	2.763	84	6031M1	0.607 ug/L	
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	2.899	96	5054	0.559 ug/L	90
19) Methyl acetate	2.915	43	2580	0.561 ug/L #	87
21) Methyl tert-butyl ether	2.993	73	12017	0.495 ug/L #	88
22) tert-Butyl alcohol	3.103	59	832	2.852 ug/L #	69
24) Diisopropyl ether	3.328	45	16543	0.544 ug/L #	85
25) 1,1-Dichloroethane	3.417	63	7673	0.525 ug/L	95
26) Halothane	3.490	117	3125	0.518 ug/L	100

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A03.D
Acq On : 11 Feb 2025 7:37 am
Operator : QUIMBY:MCM
Sample : I8260STDL0.5ppb
Misc : WG2029793
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 19 10:37:23 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) Acrylonitrile	3.459	53	1137	0.627	ug/L	#	80
28) Ethyl tert-butyl ether	3.658	59	10178	0.474	ug/L		96
29) Vinyl acetate	3.652	43	6945	0.450	ug/L	#	95
30) cis-1,2-Dichloroethene	3.898	96	4352	0.518	ug/L		90
31) 2,2-Dichloropropane	3.992	77	6224	0.499	ug/L	#	79
33) Bromochloromethane	4.076	128	1959	0.489	ug/L		90
34) Cyclohexane	4.076	56	7097	0.511	ug/L		96
35) Chloroform	4.160	83	7375	0.528	ug/L		99
36) Ethyl acetate	4.296	43	2371	0.503	ug/L	#	95
37) Carbon tetrachloride	4.270	117	5538	0.495	ug/L		94
38) Tetrahydrofuran	4.296	42	1349	0.801	ug/L	#	77
40) 1,1,1-Trichloroethane	4.332	97	6002	0.488	ug/L		97
42) 2-Butanone	4.442	43	1232	0.637	ug/L	#	87
43) 1,1-Dichloropropene	4.453	75	4660	0.472	ug/L		96
45) Benzene	4.688	78	15431	0.502	ug/L		97
46) tert-Amyl methyl ether	4.814	73	9287	0.489	ug/L	#	87
48) 1,2-Dichloroethane	4.876	62	5186	0.518	ug/L		98
51) Methyl cyclohexane	5.248	83	6206	0.463	ug/L		88
52) Trichloroethene	5.258	95	3515	0.447	ug/L		89
54) Dibromomethane	5.671	93	2454	0.552	ug/L		96
55) 1,2-Dichloropropane	5.781	63	3925	0.505	ug/L		92
57) 2-Chloroethyl vinyl ether	6.493	63	1820	0.487	ug/L	#	79
58) Bromodichloromethane	5.865	83	5239	0.488	ug/L		99
61) 1,4-Dioxane	6.079	88	1898	89.361	ug/L	#	85
62) cis-1,3-Dichloropropene	6.534	75	5573	0.463	ug/L		95
65) Toluene	6.791	92	9464	0.496	ug/L		91
66) 4-Methyl-2-pentanone	7.230	58	611	0.387	ug/L	#	17
67) Tetrachloroethene	7.220	166	4027	0.481	ug/L		98
69) trans-1,3-Dichloropropene	7.277	75	4360	0.442	ug/L		85
71) Ethyl methacrylate	7.502	69	3334	0.485	ug/L	#	48
72) 1,1,2-Trichloroethane	7.450	83	2466	0.508	ug/L		98
73) Chlorodibromomethane	7.648	129	3341	0.448	ug/L		93
74) 1,3-Dichloropropane	7.753	76	5114	0.500	ug/L		97
75) 1,2-Dibromoethane	7.905	107	2610	0.467	ug/L		98
77) 2-Hexanone	8.229	43	2286	0.812	ug/L	#	65
78) Chlorobenzene	8.553	112	10855	0.505	ug/L	#	81
79) Ethylbenzene	8.611	91	17943	0.482	ug/L		100
80) 1,1,1,2-Tetrachloroethane	8.647	131	3438	0.439	ug/L		91
81) p/m Xylene	8.799	106	14368	0.955	ug/L		92
82) o Xylene	9.333	106	14059	0.953	ug/L		96

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A03.D
Acq On : 11 Feb 2025 7:37 am
Operator : QUIMBY:MCM
Sample : I8260STDL0.5ppb
Misc : WG2029793
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 19 10:37:23 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
83) Styrene	9.406	104	22061	0.894	ug/L		92
85) Bromoform	9.411	173	1941	0.434	ug/L		93
87) Isopropylbenzene	9.751	105	16608	0.467	ug/L		97
89) Bromobenzene	10.206	156	4503	0.498	ug/L		93
90) n-Propylbenzene	10.295	91	19822	0.470	ug/L		100
91) 1,4-Dichlorobutane	10.300	55	4924	0.540	ug/L		91
92) 1,1,2,2-Tetrachloroethane	10.400	83	3181	0.508	ug/L		95
93) 4-Ethyltoluene	10.441	105	16486	0.457	ug/L		98
94) 2-Chlorotoluene	10.452	91	14635	0.488	ug/L		100
95) 1,3,5-Trimethylbenzene	10.556	105	13625	0.450	ug/L		99
96) 1,2,3-Trichloropropane	10.536	75	2645	0.513	ug/L		94
97) trans-1,4-Dichloro-2-b...	10.609	53	1041	0.543	ug/L	#	74
98) 4-Chlorotoluene	10.661	91	12729	0.480	ug/L		100
99) tert-Butylbenzene	10.917	119	12329	0.474	ug/L		97
102) 1,2,4-Trimethylbenzene	11.006	105	12676	0.427	ug/L		97
103) sec-Butylbenzene	11.121	105	16817	0.454	ug/L		98
104) p-Isopropyltoluene	11.299	119	13944	0.427	ug/L		98
105) 1,3-Dichlorobenzene	11.330	146	8870	0.487	ug/L		97
106) 1,4-Dichlorobenzene	11.430	146	8649M3	0.475	ug/L		
107) p-Diethylbenzene	11.697	119	7602	0.401	ug/L		98
108) n-Butylbenzene	11.754	91	10252	0.386	ug/L		99
109) 1,2-Dichlorobenzene	11.874	146	8402	0.493	ug/L		98
110) 1,2,4,5-Tetramethylben...	12.523	119	12873	0.429	ug/L		97
111) 1,2-Dibromo-3-chloropr...	12.685	155	533	0.520	ug/L		81
112) 1,3,5-Trichlorobenzene	12.722	180	5847	0.446	ug/L		96
113) Hexachlorobutadiene	13.334	225	1904	0.427	ug/L		98
114) 1,2,4-Trichlorobenzene	13.334	180	5416	0.448	ug/L		95
115) Naphthalene	13.627	128	11839	0.491	ug/L		100
116) 1,2,3-Trichlorobenzene	13.794	180	5335	0.478	ug/L		99

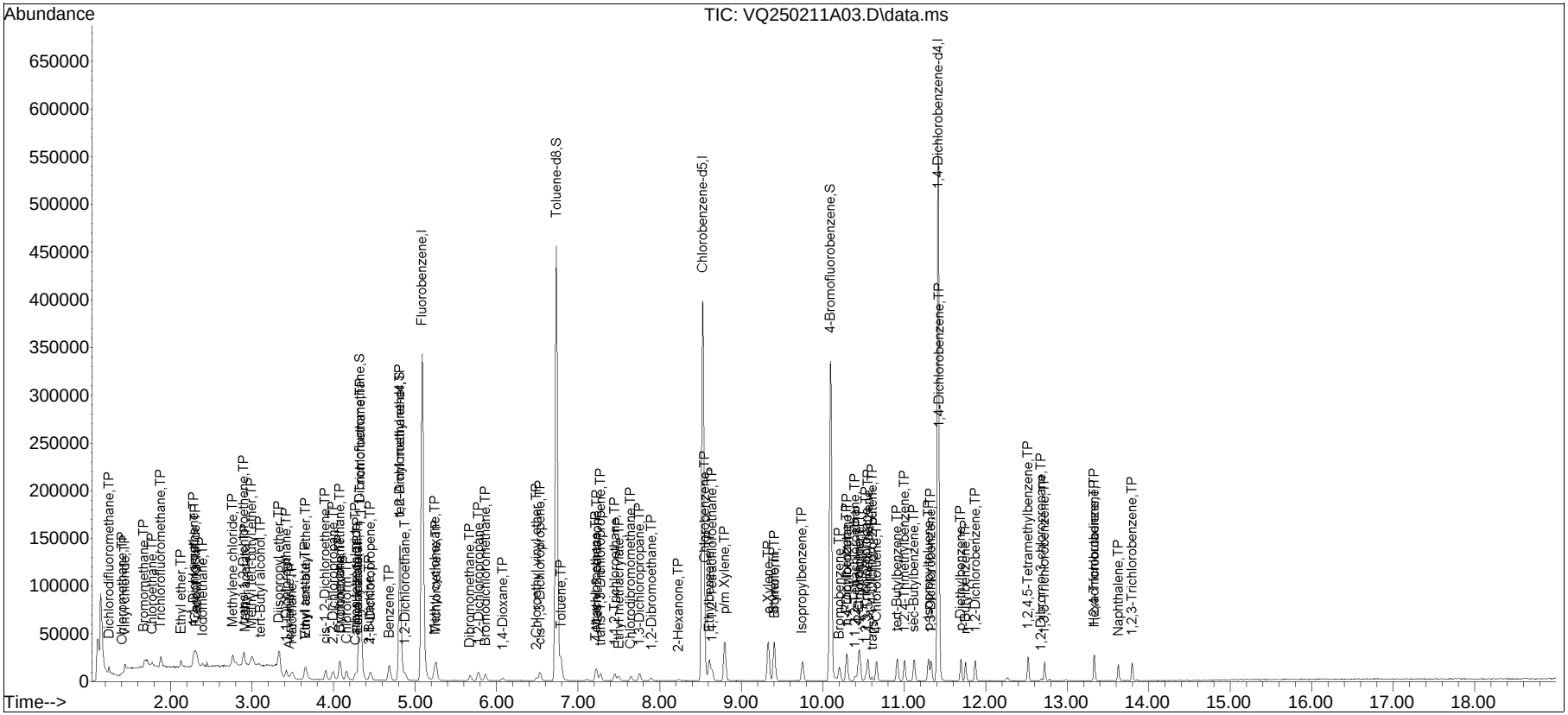
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A03.D
Acq On : 11 Feb 2025 7:37 am
Operator : QUIMBY:MCM
Sample : I8260STDL0.5ppb
Misc : WG2029793
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 19 10:37:23 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

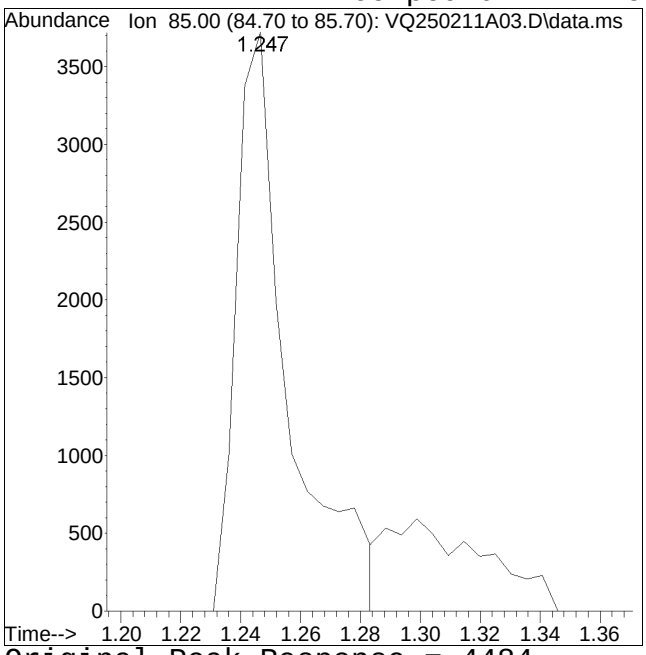
Sub List : 8260-Curve - Megamix plus DioxVQ250211A05.D•

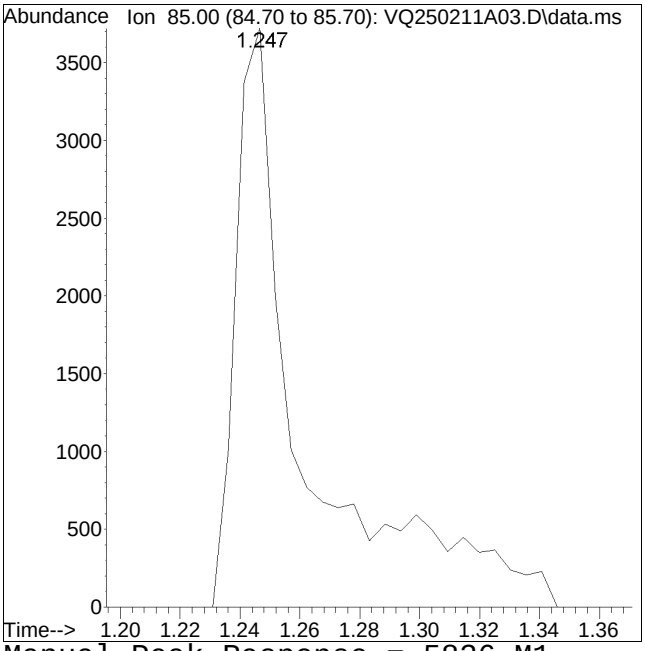


Manual Integration Report

Data Path : K:\Quimby\2025\250211ICAL\QMethod : VQ_250211_8260.m
Data File : VQ250211A03.D Operator : QUIMBY:MCM
Date Inj'd : 2/11/2025 7:37 am Instrument : Quimby
Sample : I8260STDL0.5ppb Quant Date : 2/19/2025 10:37 am

Compound #2: Dichlorodifluoromethane



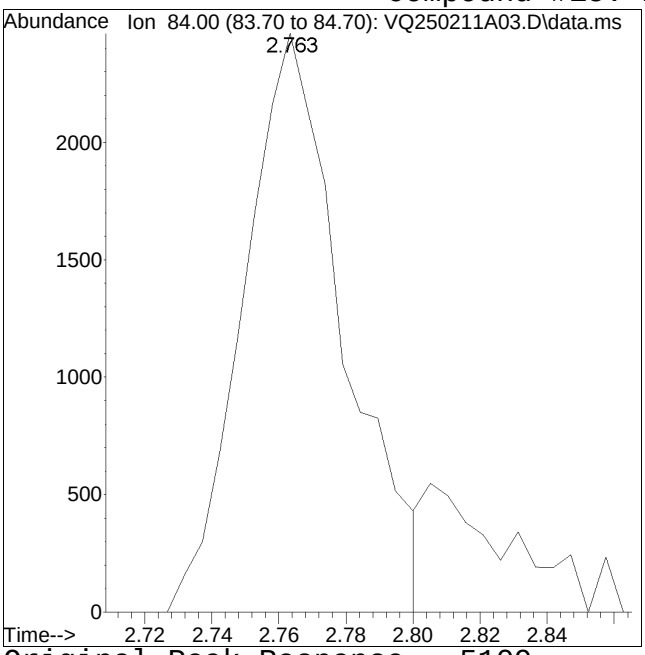


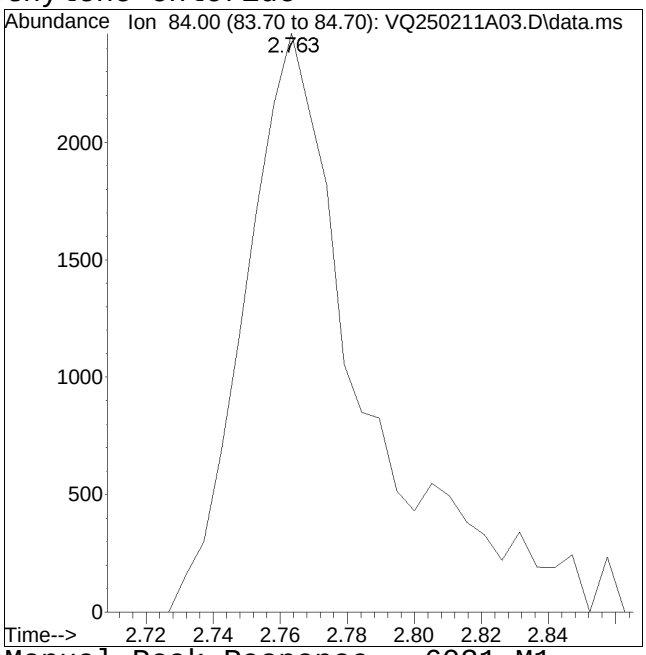
Original Peak Response = 4484 Manual Peak Response = 5836 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\Quimby\2025\250211ICAL\QMethod : VQ_250211_8260.m
Data File : VQ250211A03.D Operator : QUIMBY:MCM
Date Inj'd : 2/11/2025 7:37 am Instrument : Quimby
Sample : I8260STDL0.5ppb Quant Date : 2/19/2025 10:37 am

Compound #15: Methylene chloride





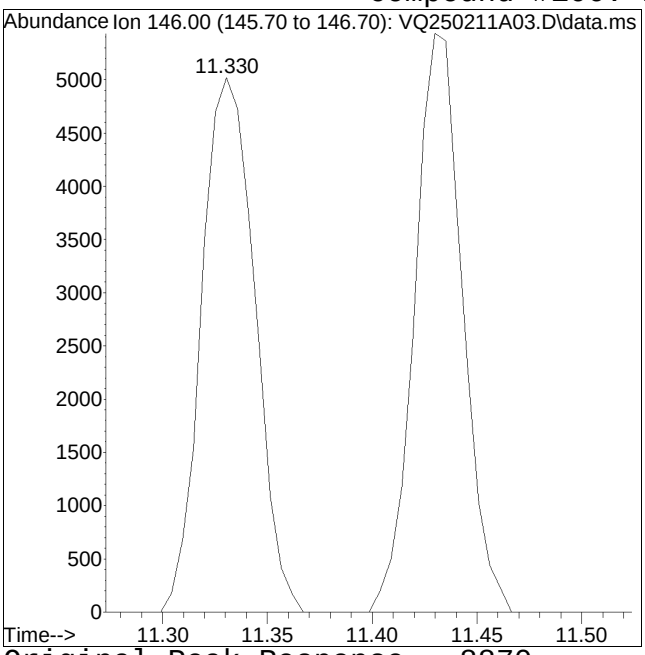
Original Peak Response = 5109 Manual Peak Response = 6031 M1

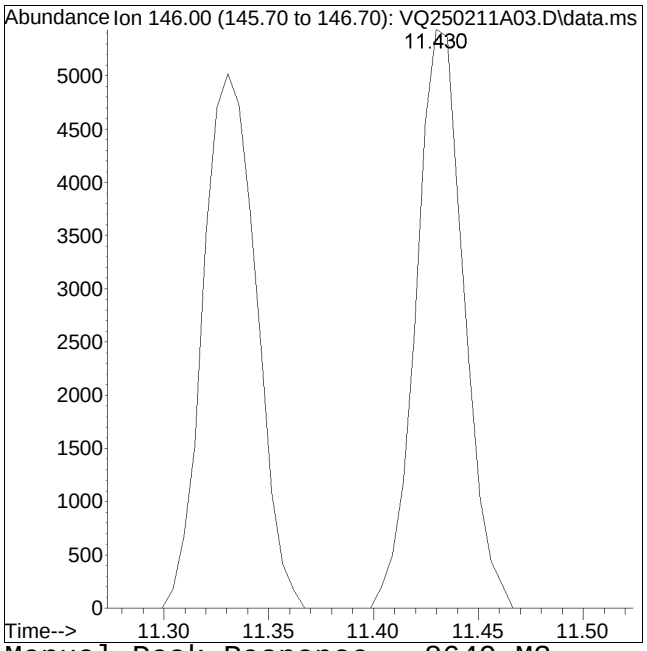
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\Quimby\2025\250211ICAL\QMethod : VQ_250211_8260.m
Data File : VQ250211A03.D Operator : QUIMBY:MCM
Date Inj'd : 2/11/2025 7:37 am Instrument : Quimby
Sample : I8260STDL0.5ppb Quant Date : 2/19/2025 10:37 am

Compound #106: 1,4-Dichlorobenzene





Original Peak Response = 8870 Manual Peak Response = 8649 M3

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

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A04.D
Acq On : 11 Feb 2025 8:00 am
Operator : QUIMBY:MCM
Sample : I8260STDL2ppb
Misc : WG2029793
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 19 10:37:30 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.086	96	340333	10.000 ug/L	0.00
Standard Area 1 = 361297			Recovery =	94.20%	
63) Chlorobenzene-d5	8.527	117	252788	10.000 ug/L	0.00
Standard Area 1 = 266173			Recovery =	94.97%	
84) 1,4-Dichlorobenzene-d4	11.414	152	148396	10.000 ug/L	0.00
Standard Area 1 = 162445			Recovery =	91.35%	
System Monitoring Compounds					
39) Dibromofluoromethane	4.322	113	96351	10.175 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.75%	
47) 1,2-Dichloroethane-d4	4.814	65	104766	10.074 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.74%	
64) Toluene-d8	6.733	98	345292	10.207 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.07%	
88) 4-Bromofluorobenzene	10.096	95	125758	10.446 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.46%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.247	85	25304M1	2.306 ug/L	
3) Chloromethane	1.409	50	23316	2.370 ug/L	98
4) Vinyl chloride	1.440	62	25300	2.389 ug/L	100
5) Bromomethane	1.676	94	18356	2.432 ug/L	99
6) Chloroethane	1.775	64	16307	2.350 ug/L	96
7) Trichlorofluoromethane	1.880	101	34838	2.305 ug/L	99
8) Ethyl ether	2.125	74	10515	2.226 ug/L	95
10) 1,1-Dichloroethene	2.282	96	19438	2.250 ug/L	93
11) Carbon disulfide	2.303	76	51982	2.212 ug/L	96
12) Freon-113	2.319	101	20437	2.283 ug/L	98
13) Iodomethane	2.392	142	18865	1.786 ug/L	98
14) Acrolein	2.554	56	2000M2	2.091 ug/L	
15) Methylene chloride	2.758	84	22477	2.273 ug/L	99
17) Acetone	2.795	43	4177M2	2.593 ug/L	
18) trans-1,2-Dichloroethene	2.894	96	20521	2.280 ug/L	93
19) Methyl acetate	2.915	43	10145	2.216 ug/L	97
21) Methyl tert-butyl ether	2.999	73	50886	2.108 ug/L	98
22) tert-Butyl alcohol	3.098	59	3287	11.321 ug/L #	75
24) Diisopropyl ether	3.334	45	62239	2.058 ug/L	94
25) 1,1-Dichloroethane	3.417	63	33183	2.280 ug/L	97
26) Halothane	3.490	117	13269	2.210 ug/L	100

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A04.D
Acq On : 11 Feb 2025 8:00 am
Operator : QUIMBY:MCM
Sample : I8260STDL2ppb
Misc : WG2029793
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 19 10:37:30 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) Acrylonitrile	3.459	53	4438	2.459	ug/L		92
28) Ethyl tert-butyl ether	3.653	59	44035	2.061	ug/L		97
29) Vinyl acetate	3.653	43	31133	2.026	ug/L		98
30) cis-1,2-Dichloroethene	3.904	96	19234	2.300	ug/L		88
31) 2,2-Dichloropropane	3.987	77	27161	2.187	ug/L		96
33) Bromochloromethane	4.076	128	9097	2.280	ug/L		93
34) Cyclohexane	4.071	56	30749	2.227	ug/L		98
35) Chloroform	4.160	83	31604	2.276	ug/L		98
36) Ethyl acetate	4.291	43	9432	2.012	ug/L		97
37) Carbon tetrachloride	4.270	117	25358	2.280	ug/L		97
38) Tetrahydrofuran	4.296	42	4356	2.600	ug/L		98
40) 1,1,1-Trichloroethane	4.333	97	27152	2.217	ug/L		96
42) 2-Butanone	4.437	43	3996	2.075	ug/L		93
43) 1,1-Dichloropropene	4.448	75	21089	2.144	ug/L		97
45) Benzene	4.683	78	66720	2.181	ug/L		98
46) tert-Amyl methyl ether	4.819	73	39130	2.069	ug/L		95
48) 1,2-Dichloroethane	4.877	62	21926	2.202	ug/L		98
51) Methyl cyclohexane	5.243	83	26953	2.022	ug/L		99
52) Trichloroethene	5.258	95	16746	2.142	ug/L		97
54) Dibromomethane	5.671	93	9754	2.203	ug/L		95
55) 1,2-Dichloropropane	5.771	63	16884	2.182	ug/L		96
57) 2-Chloroethyl vinyl ether	6.487	63	7532	2.024	ug/L		99
58) Bromodichloromethane	5.860	83	22845	2.138	ug/L		99
61) 1,4-Dioxane	6.074	88	8764	414.647	ug/L		97
62) cis-1,3-Dichloropropene	6.534	75	24399	2.038	ug/L		99
65) Toluene	6.791	92	41464	2.188	ug/L		97
66) 4-Methyl-2-pentanone	7.235	58	3357	2.144	ug/L		93
67) Tetrachloroethene	7.220	166	17940	2.159	ug/L		96
69) trans-1,3-Dichloropropene	7.272	75	19812	2.022	ug/L		96
71) Ethyl methacrylate	7.492	69	14031	2.055	ug/L	#	56
72) 1,1,2-Trichloroethane	7.450	83	9774	2.028	ug/L		97
73) Chlorodibromomethane	7.649	129	14723	1.989	ug/L		97
74) 1,3-Dichloropropane	7.758	76	21517	2.120	ug/L		99
75) 1,2-Dibromoethane	7.900	107	11141	2.009	ug/L		96
77) 2-Hexanone	8.229	43	6553	2.346	ug/L		95
78) Chlorobenzene	8.548	112	45701	2.144	ug/L		99
79) Ethylbenzene	8.606	91	79413	2.151	ug/L		98
80) 1,1,1,2-Tetrachloroethane	8.648	131	15539	2.001	ug/L		97
81) p/m Xylene	8.799	106	62842	4.210	ug/L		97
82) o Xylene	9.333	106	61701	4.215	ug/L		94

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A04.D
Acq On : 11 Feb 2025 8:00 am
Operator : QUIMBY:MCM
Sample : I8260STDL2ppb
Misc : WG2029793
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 19 10:37:30 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	Styrene	9.406	104	99413	4.061	ug/L	93
85)	Bromoform	9.406	173	8088	1.823	ug/L	98
87)	Isopropylbenzene	9.751	105	77162	2.186	ug/L	99
89)	Bromobenzene	10.206	156	19755	2.198	ug/L	98
90)	n-Propylbenzene	10.295	91	90100	2.151	ug/L	99
91)	1,4-Dichlorobutane	10.295	55	19535	2.156	ug/L	96
92)	1,1,2,2-Tetrachloroethane	10.400	83	13825	2.223	ug/L	99
93)	4-Ethyltoluene	10.441	105	74488	2.079	ug/L	99
94)	2-Chlorotoluene	10.452	91	64372	2.163	ug/L	98
95)	1,3,5-Trimethylbenzene	10.557	105	61419	2.041	ug/L	97
96)	1,2,3-Trichloropropane	10.530	75	11068	2.162	ug/L	97
97)	trans-1,4-Dichloro-2-b...	10.609	53	4102	2.156	ug/L	87
98)	4-Chlorotoluene	10.661	91	57480	2.184	ug/L	98
99)	tert-Butylbenzene	10.912	119	55519	2.149	ug/L	97
102)	1,2,4-Trimethylbenzene	11.001	105	59647	2.025	ug/L	99
103)	sec-Butylbenzene	11.121	105	76967	2.092	ug/L	99
104)	p-Isopropyltoluene	11.299	119	65546	2.020	ug/L	98
105)	1,3-Dichlorobenzene	11.331	146	38480	2.128	ug/L	98
106)	1,4-Dichlorobenzene	11.430	146	39807	2.201	ug/L	99
107)	p-Diethylbenzene	11.697	119	36373	1.934	ug/L	99
108)	n-Butylbenzene	11.754	91	50709	1.921	ug/L	100
109)	1,2-Dichlorobenzene	11.869	146	36682	2.169	ug/L	98
110)	1,2,4,5-Tetramethylben...	12.523	119	58206	1.954	ug/L	99
111)	1,2-Dibromo-3-chloropr...	12.685	155	2098	2.062	ug/L	97
112)	1,3,5-Trichlorobenzene	12.722	180	26040	2.001	ug/L	97
113)	Hexachlorobutadiene	13.329	225	8694	1.962	ug/L	97
114)	1,2,4-Trichlorobenzene	13.334	180	23852	1.987	ug/L	96
115)	Naphthalene	13.627	128	50703	2.119	ug/L	100
116)	1,2,3-Trichlorobenzene	13.799	180	23374	2.108	ug/L	98

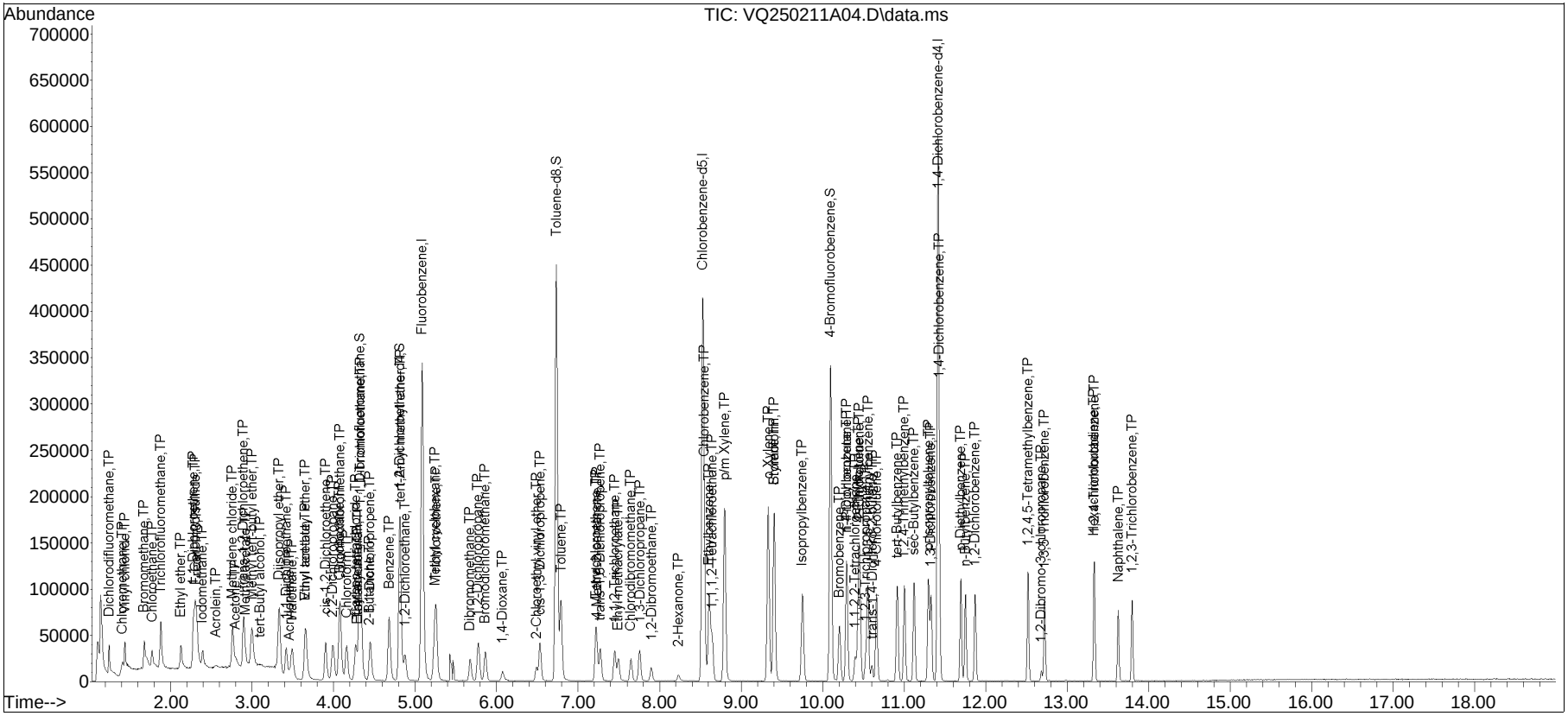
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A04.D
Acq On : 11 Feb 2025 8:00 am
Operator : QUIMBY:MCM
Sample : I8260STDL2ppb
Misc : WG2029793
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 19 10:37:30 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

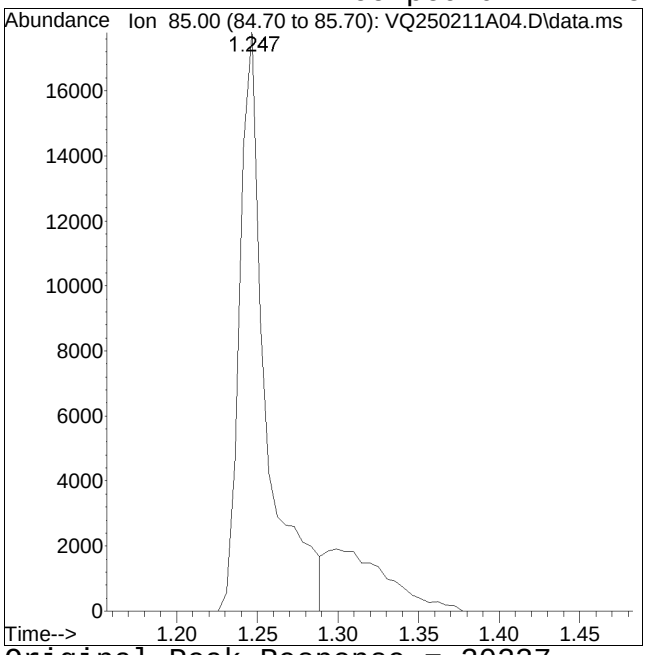
Sub List : 8260-Curve - Megamix plus DioxVQ250211A05.D•

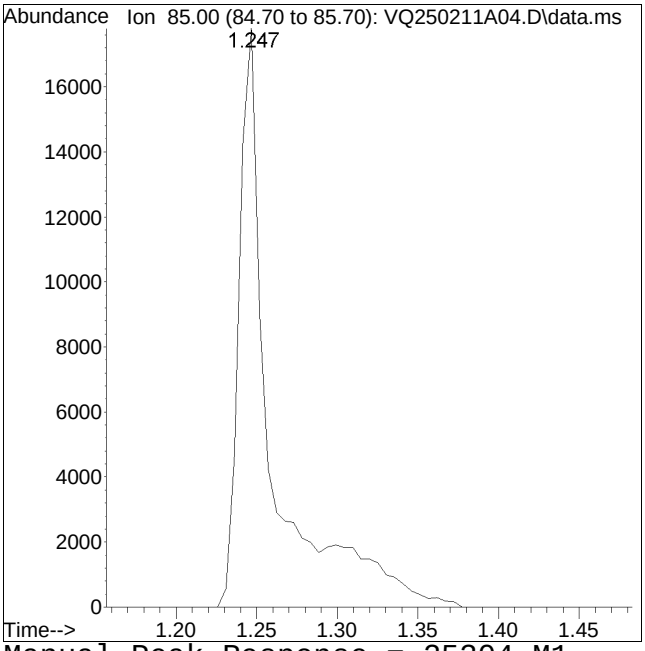


Manual Integration Report

Data Path : K:\Quimby\2025\250211ICAL\QMethod : VQ_250211_8260.m
Data File : VQ250211A04.D Operator : QUIMBY:MCM
Date Inj'd : 2/11/2025 8:00 am Instrument : Quimby
Sample : I8260STDL2ppb Quant Date : 2/19/2025 10:37 am

Compound #2: Dichlorodifluoromethane



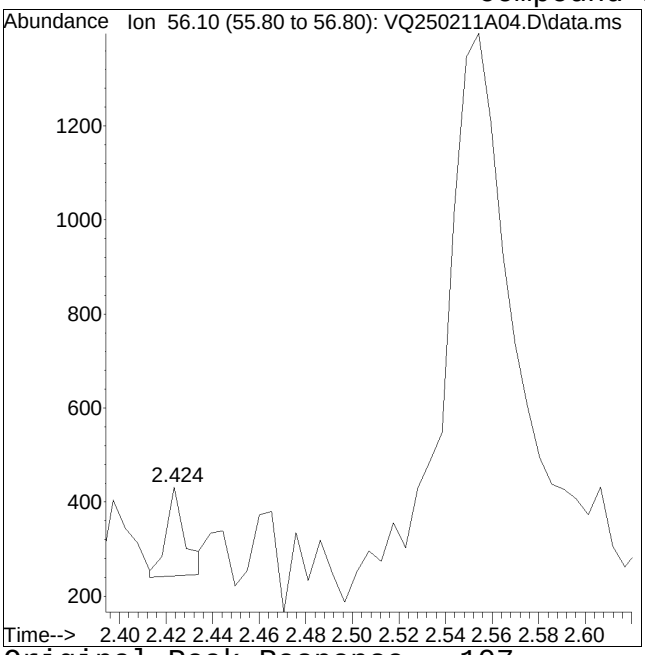


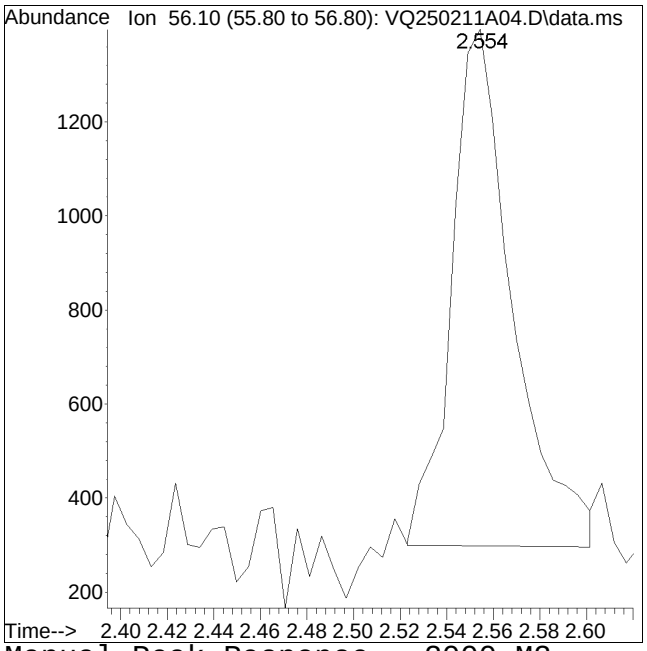
Original Peak Response = 20237 Manual Peak Response = 25304 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\Quimby\2025\250211ICAL\QMethod : VQ_250211_8260.m
Data File : VQ250211A04.D Operator : QUIMBY:MCM
Date Inj'd : 2/11/2025 8:00 am Instrument : Quimby
Sample : I8260STDL2ppb Quant Date : 2/19/2025 10:37 am

Compound #14: Acrolein



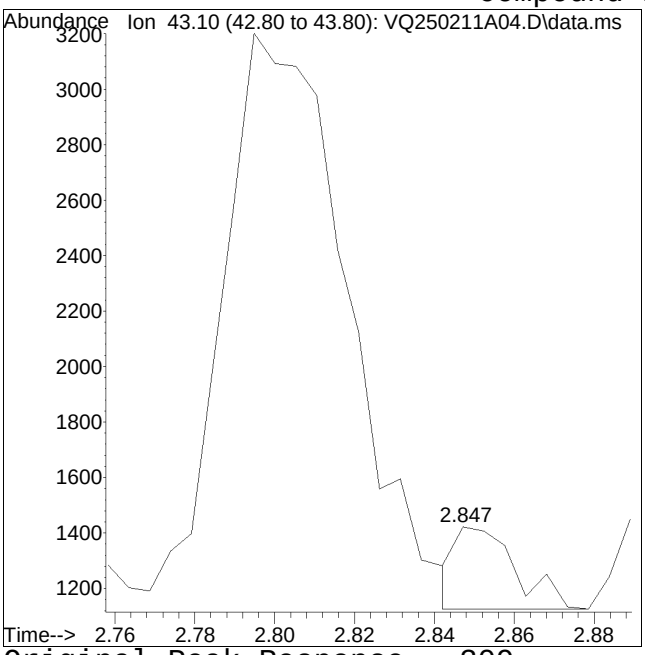


Original Peak Response = 107 Manual Peak Response = 2000 M2
M2 = Peak not found by automatic integration algorithm.

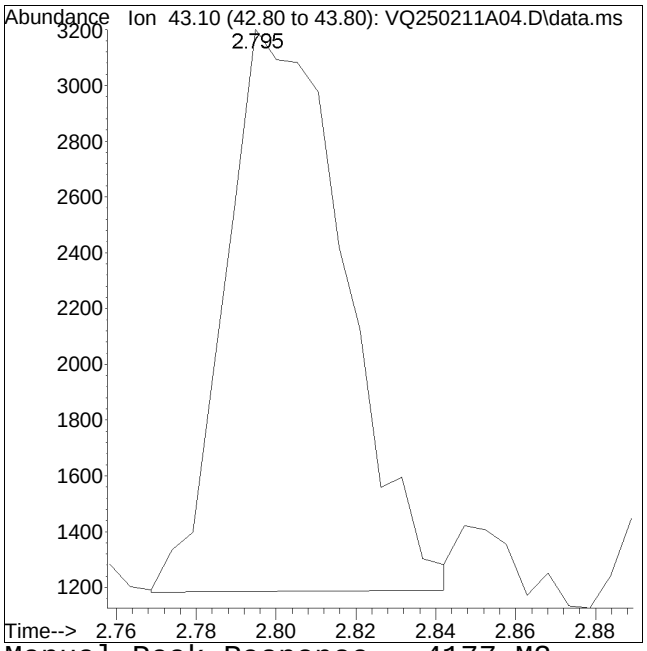
Manual Integration Report

Data Path : K:\Quimby\2025\250211ICAL\QMethod : VQ_250211_8260.m
Data File : VQ250211A04.D Operator : QUIMBY:MCM
Date Inj'd : 2/11/2025 8:00 am Instrument : Quimby
Sample : I8260STDL2ppb Quant Date : 2/19/2025 10:37 am

Compound #17: Acetone



Original Peak Response = 309



Manual Peak Response = 4177 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A05.D
Acq On : 11 Feb 2025 8:23 am
Operator : QUIMBY:MCM
Sample : I8260STDL10ppb
Misc : WG2029793
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 19 10:37:36 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.085	96	361297	10.000	ug/L	0.00
Standard Area 1 = 361297			Recovery = 100.00%			
63) Chlorobenzene-d5	8.527	117	266173	10.000	ug/L	0.00
Standard Area 1 = 266173			Recovery = 100.00%			
84) 1,4-Dichlorobenzene-d4	11.414	152	162445	10.000	ug/L	0.00
Standard Area 1 = 162445			Recovery = 100.00%			
System Monitoring Compounds						
39) Dibromofluoromethane	4.322	113	99574	9.905	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.05%			
47) 1,2-Dichloroethane-d4	4.808	65	110160	9.978	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.78%			
64) Toluene-d8	6.733	98	362484	10.176	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.76%			
88) 4-Bromofluorobenzene	10.096	95	132110	10.025	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.25%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.246	85	121260	10.410	ug/L	98
3) Chloromethane	1.409	50	104148	9.973	ug/L	98
4) Vinyl chloride	1.440	62	118888	10.576	ug/L	100
5) Bromomethane	1.675	94	76616	9.561	ug/L	100
6) Chloroethane	1.775	64	74830	10.158	ug/L	97
7) Trichlorofluoromethane	1.879	101	168142	10.481	ug/L	100
8) Ethyl ether	2.125	74	49196	9.811	ug/L	95
10) 1,1-Dichloroethene	2.282	96	91239	9.947	ug/L	93
11) Carbon disulfide	2.303	76	249434	9.997	ug/L	100
12) Freon-113	2.319	101	99149	10.434	ug/L	99
13) Iodomethane	2.397	142	109707	9.785	ug/L	100
14) Acrolein	2.554	56	9042	8.903	ug/L	87
15) Methylene chloride	2.763	84	101243	9.646	ug/L	100
17) Acetone	2.800	43	16323	9.543	ug/L	90
18) trans-1,2-Dichloroethene	2.894	96	93312	9.767	ug/L	97
19) Methyl acetate	2.915	43	45407	9.343	ug/L	97
21) Methyl tert-butyl ether	2.999	73	242097	9.447	ug/L	98
22) tert-Butyl alcohol	3.103	59	13751	44.613	ug/L #	94
24) Diisopropyl ether	3.333	45	303959	9.469	ug/L	99
25) 1,1-Dichloroethane	3.417	63	155771	10.083	ug/L	99
26) Halothane	3.496	117	63547	9.968	ug/L	99

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A05.D
Acq On : 11 Feb 2025 8:23 am
Operator : QUIMBY:MCM
Sample : I8260STDL10ppb
Misc : WG2029793
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 19 10:37:36 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) Acrylonitrile	3.459	53	18007	9.397	ug/L		94
28) Ethyl tert-butyl ether	3.658	59	213140	9.395	ug/L		97
29) Vinyl acetate	3.652	43	149681	9.175	ug/L		97
30) cis-1,2-Dichloroethene	3.903	96	86678	9.763	ug/L		92
31) 2,2-Dichloropropane	3.992	77	131850	9.999	ug/L		99
33) Bromochloromethane	4.076	128	41020	9.683	ug/L		94
34) Cyclohexane	4.076	56	150350	10.256	ug/L		99
35) Chloroform	4.160	83	144661	9.811	ug/L		99
36) Ethyl acetate	4.280	43	45672	9.179	ug/L	#	96
37) Carbon tetrachloride	4.270	117	121907	10.324	ug/L		99
38) Tetrahydrofuran	4.301	42	16873	9.487	ug/L		99
40) 1,1,1-Trichloroethane	4.332	97	131072	10.082	ug/L		97
42) 2-Butanone	4.437	43	17859	8.738	ug/L	#	82
43) 1,1-Dichloropropene	4.453	75	105456	10.101	ug/L		97
45) Benzene	4.683	78	319706	9.842	ug/L		98
46) tert-Amyl methyl ether	4.819	73	186964	9.313	ug/L		96
48) 1,2-Dichloroethane	4.876	62	103659	9.808	ug/L		99
51) Methyl cyclohexane	5.242	83	145109	10.252	ug/L		95
52) Trichloroethene	5.258	95	82358	9.922	ug/L		97
54) Dibromomethane	5.677	93	44427	9.452	ug/L		92
55) 1,2-Dichloropropane	5.776	63	79804	9.715	ug/L		97
57) 2-Chloroethyl vinyl ether	6.487	63	37059	9.380	ug/L		92
58) Bromodichloromethane	5.860	83	108873	9.597	ug/L		100
61) 1,4-Dioxane	6.074	88	11457	510.607	ug/L		94
62) cis-1,3-Dichloropropene	6.529	75	122823	9.662	ug/L		96
65) Toluene	6.785	92	200529	10.048	ug/L		98
66) 4-Methyl-2-pentanone	7.230	58	15659	9.496	ug/L		93
67) Tetrachloroethene	7.219	166	90498	10.344	ug/L		96
69) trans-1,3-Dichloropropene	7.272	75	99486	9.642	ug/L		99
71) Ethyl methacrylate	7.491	69	70108	9.754	ug/L		89
72) 1,1,2-Trichloroethane	7.450	83	49330	9.723	ug/L		99
73) Chlorodibromomethane	7.648	129	73889	9.479	ug/L		97
74) 1,3-Dichloropropane	7.753	76	104516	9.780	ug/L		100
75) 1,2-Dibromoethane	7.894	107	57135	9.785	ug/L		98
77) 2-Hexanone	8.229	43	28026	9.531	ug/L		97
78) Chlorobenzene	8.548	112	222293	9.904	ug/L		94
79) Ethylbenzene	8.611	91	391926	10.083	ug/L		99
80) 1,1,1,2-Tetrachloroethane	8.642	131	77733	9.506	ug/L		98
81) p/m Xylene	8.799	106	310437	19.750	ug/L		95
82) o Xylene	9.332	106	304332	19.743	ug/L		94

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A05.D
Acq On : 11 Feb 2025 8:23 am
Operator : QUIMBY:MCM
Sample : I8260STDL10ppb
Misc : WG2029793
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 19 10:37:36 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Styrene	9.400	104	498580	19.344	ug/L	93
85) Bromoform	9.411	173	42855	8.822	ug/L	99
87) Isopropylbenzene	9.751	105	391510	10.130	ug/L	99
89) Bromobenzene	10.206	156	96599	9.820	ug/L	99
90) n-Propylbenzene	10.295	91	460968	10.052	ug/L	100
91) 1,4-Dichlorobutane	10.295	55	92507	9.327	ug/L	96
92) 1,1,2,2-Tetrachloroethane	10.399	83	65753	9.659	ug/L	99
93) 4-Ethyltoluene	10.441	105	389851	9.941	ug/L	99
94) 2-Chlorotoluene	10.457	91	314601	9.657	ug/L	97
95) 1,3,5-Trimethylbenzene	10.556	105	325128	9.869	ug/L	99
96) 1,2,3-Trichloropropane	10.530	75	53552	9.557	ug/L	97
97) trans-1,4-Dichloro-2-b...	10.603	53	18693	8.973	ug/L	96
98) 4-Chlorotoluene	10.661	91	283253	9.832	ug/L	97
99) tert-Butylbenzene	10.912	119	286561	10.135	ug/L	96
102) 1,2,4-Trimethylbenzene	11.001	105	310867	9.640	ug/L	98
103) sec-Butylbenzene	11.121	105	412652	10.247	ug/L	99
104) p-Isopropyltoluene	11.299	119	357468	10.063	ug/L	98
105) 1,3-Dichlorobenzene	11.330	146	192066	9.701	ug/L	98
106) 1,4-Dichlorobenzene	11.430	146	193109	9.754	ug/L	99
107) p-Diethylbenzene	11.697	119	199171	9.674	ug/L	99
108) n-Butylbenzene	11.749	91	288384	9.981	ug/L	100
109) 1,2-Dichlorobenzene	11.869	146	179796	9.713	ug/L	98
110) 1,2,4,5-Tetramethylben...	12.518	119	302210	9.268	ug/L	99
111) 1,2-Dibromo-3-chloropr...	12.685	155	10552	9.473	ug/L	99
112) 1,3,5-Trichlorobenzene	12.722	180	134214	9.421	ug/L	97
113) Hexachlorobutadiene	13.328	225	47834	9.863	ug/L	99
114) 1,2,4-Trichlorobenzene	13.334	180	122789	9.345	ug/L	98
115) Naphthalene	13.627	128	251600	9.607	ug/L	100
116) 1,2,3-Trichlorobenzene	13.799	180	118215	9.741	ug/L	98

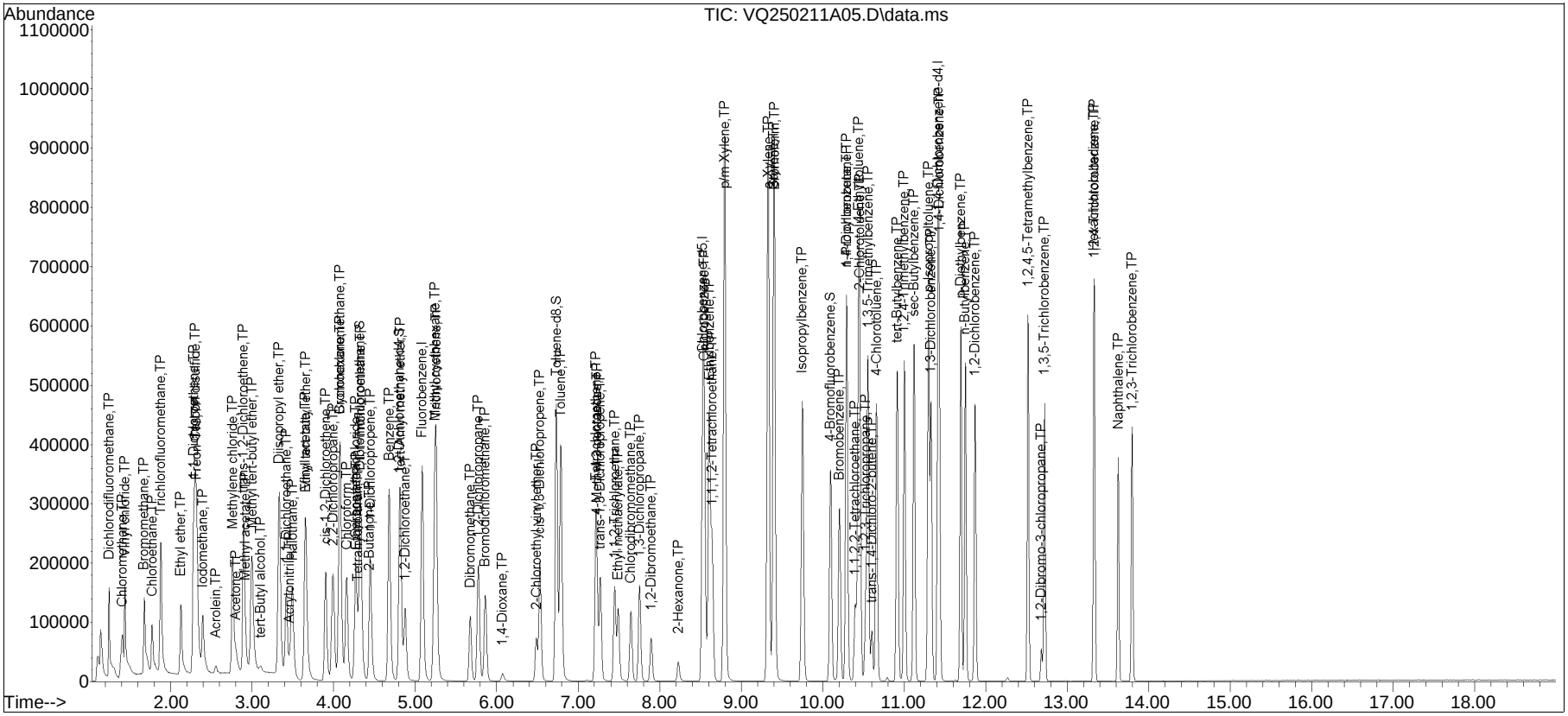
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A05.D
Acq On : 11 Feb 2025 8:23 am
Operator : QUIMBY:MCM
Sample : I8260STDL10ppb
Misc : WG2029793
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 19 10:37:36 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus DioxVQ250211A05.D•



Manual Integration Report

Data Path	: K:\Quimby\2025\250211ICAL\	QMethod	: VQ_250211_8260.m
Data File	: VQ250211A05.D	Operator	: QUIMBY:MCM
Date Inj'd	: 2/11/2025 8:23 am	Instrument	: Quimby
Sample	: I8260STDL10ppb	Quant Date	: 2/19/2025 10:37 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A06.D
Acq On : 11 Feb 2025 8:45 am
Operator : QUIMBY:MCM
Sample : I8260STDL30ppb
Misc : WG2029793
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 19 10:37:42 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.086	96	359527	10.000	ug/L	0.00
Standard Area 1 = 361297			Recovery = 99.51%			
63) Chlorobenzene-d5	8.527	117	265243	10.000	ug/L	0.00
Standard Area 1 = 266173			Recovery = 99.65%			
84) 1,4-Dichlorobenzene-d4	11.419	152	162584	10.000	ug/L	0.00
Standard Area 1 = 162445			Recovery = 100.09%			
System Monitoring Compounds						
39) Dibromofluoromethane	4.322	113	98898	9.886	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.86%			
47) 1,2-Dichloroethane-d4	4.814	65	108263	9.854	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.54%			
64) Toluene-d8	6.733	98	355420	10.013	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.13%			
88) 4-Bromofluorobenzene	10.096	95	132205	10.023	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.23%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.247	85	334758	28.879	ug/L	99
3) Chloromethane	1.409	50	301951	29.058	ug/L	98
4) Vinyl chloride	1.440	62	340752	30.462	ug/L	99
5) Bromomethane	1.675	94	216786	27.187	ug/L	100
6) Chloroethane	1.775	64	215148	29.349	ug/L	98
7) Trichlorofluoromethane	1.879	101	466296	29.208	ug/L	100
8) Ethyl ether	2.125	74	147393	29.538	ug/L	97
10) 1,1-Dichloroethene	2.282	96	260019	28.487	ug/L	94
11) Carbon disulfide	2.303	76	715441	28.815	ug/L	100
12) Freon-113	2.319	101	273129	28.885	ug/L	100
13) Iodomethane	2.397	142	370101	33.172	ug/L	100
14) Acrolein	2.554	56	28734	28.432	ug/L	95
15) Methylene chloride	2.763	84	299343	28.659	ug/L	99
17) Acetone	2.800	43	46324	27.217	ug/L	95
18) trans-1,2-Dichloroethene	2.894	96	274045	28.825	ug/L	97
19) Methyl acetate	2.915	43	135016	27.917	ug/L	99
21) Methyl tert-butyl ether	2.999	73	768510	30.135	ug/L	98
22) tert-Butyl alcohol	3.103	59	39333	128.238	ug/L #	93
24) Diisopropyl ether	3.333	45	954546	29.884	ug/L	99
25) 1,1-Dichloroethane	3.417	63	455105	29.602	ug/L	99
26) Halothane	3.490	117	184280	29.049	ug/L	99

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A06.D
Acq On : 11 Feb 2025 8:45 am
Operator : QUIMBY:MCM
Sample : I8260STDL30ppb
Misc : WG2029793
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 19 10:37:42 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) Acrylonitrile	3.464	53	51450	26.982	ug/L		98
28) Ethyl tert-butyl ether	3.658	59	687342	30.447	ug/L		97
29) Vinyl acetate	3.652	43	495424	30.518	ug/L		97
30) cis-1,2-Dichloroethene	3.904	96	261985	29.653	ug/L		91
31) 2,2-Dichloropropane	3.992	77	384986	29.341	ug/L		100
33) Bromochloromethane	4.081	128	127362	30.212	ug/L		92
34) Cyclohexane	4.076	56	414351	28.404	ug/L		99
35) Chloroform	4.160	83	434362	29.605	ug/L		98
36) Ethyl acetate	4.285	43	144147	29.113	ug/L	#	96
37) Carbon tetrachloride	4.270	117	355221	30.232	ug/L		98
38) Tetrahydrofuran	4.301	42	49175	27.785	ug/L		99
40) 1,1,1-Trichloroethane	4.332	97	382474	29.563	ug/L		97
42) 2-Butanone	4.437	43	53910	26.505	ug/L	#	80
43) 1,1-Dichloropropene	4.447	75	309503	29.792	ug/L		98
45) Benzene	4.683	78	959533	29.685	ug/L		98
46) tert-Amyl methyl ether	4.819	73	597238	29.896	ug/L		97
48) 1,2-Dichloroethane	4.876	62	312994	29.759	ug/L		99
51) Methyl cyclohexane	5.242	83	402186	28.555	ug/L		93
52) Trichloroethene	5.258	95	248395	30.074	ug/L		98
54) Dibromomethane	5.677	93	136735	29.234	ug/L		93
55) 1,2-Dichloropropane	5.776	63	247706	30.303	ug/L		97
57) 2-Chloroethyl vinyl ether	6.487	63	119344	30.356	ug/L		89
58) Bromodichloromethane	5.860	83	339441	30.069	ug/L		99
61) 1,4-Dioxane	6.074	88	13769	616.668	ug/L		92
62) cis-1,3-Dichloropropene	6.529	75	397475	31.422	ug/L		96
65) Toluene	6.791	92	599767	30.158	ug/L		99
66) 4-Methyl-2-pentanone	7.230	58	50558	30.769	ug/L		92
67) Tetrachloroethene	7.220	166	260569	29.889	ug/L		96
69) trans-1,3-Dichloropropene	7.272	75	330744	32.167	ug/L		97
71) Ethyl methacrylate	7.491	69	220702	30.812	ug/L		90
72) 1,1,2-Trichloroethane	7.450	83	154466	30.552	ug/L		99
73) Chlorodibromomethane	7.648	129	241212	31.053	ug/L		99
74) 1,3-Dichloropropane	7.753	76	328785	30.874	ug/L		100
75) 1,2-Dibromoethane	7.894	107	181233	31.148	ug/L		99
77) 2-Hexanone	8.229	43	84909	28.976	ug/L		96
78) Chlorobenzene	8.548	112	679649	30.389	ug/L		94
79) Ethylbenzene	8.606	91	1165605	30.092	ug/L		99
80) 1,1,1,2-Tetrachloroethane	8.642	131	252538	30.992	ug/L		98
81) p/m Xylene	8.799	106	940399	60.039	ug/L		96
82) o Xylene	9.333	106	922617	60.062	ug/L		95

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A06.D
Acq On : 11 Feb 2025 8:45 am
Operator : QUIMBY:MCM
Sample : I8260STDL30ppb
Misc : WG2029793
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 19 10:37:42 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	Styrene	9.406	104	1582163	61.600	ug/L	93
85)	Bromoform	9.411	173	147383	30.314	ug/L	99
87)	Isopropylbenzene	9.751	105	1165230	30.125	ug/L	99
89)	Bromobenzene	10.206	156	300942	30.567	ug/L	99
90)	n-Propylbenzene	10.295	91	1378148	30.028	ug/L	100
91)	1,4-Dichlorobutane	10.295	55	288870	29.100	ug/L	97
92)	1,1,2,2-Tetrachloroethane	10.399	83	208279	30.570	ug/L	99
93)	4-Ethyltoluene	10.441	105	1194801	30.442	ug/L	99
94)	2-Chlorotoluene	10.457	91	975455	29.917	ug/L	98
95)	1,3,5-Trimethylbenzene	10.556	105	1016089	30.818	ug/L	99
96)	1,2,3-Trichloropropane	10.525	75	166715	29.726	ug/L	96
97)	trans-1,4-Dichloro-2-b...	10.603	53	60094	28.823	ug/L	98
98)	4-Chlorotoluene	10.661	91	881195	30.560	ug/L	98
99)	tert-Butylbenzene	10.917	119	846116	29.899	ug/L	96
102)	1,2,4-Trimethylbenzene	11.006	105	1004658	31.128	ug/L	98
103)	sec-Butylbenzene	11.121	105	1201735	29.816	ug/L	100
104)	p-Isopropyltoluene	11.299	119	1081752	30.427	ug/L	98
105)	1,3-Dichlorobenzene	11.330	146	603338	30.448	ug/L	98
106)	1,4-Dichlorobenzene	11.435	146	610016	30.785	ug/L	98
107)	p-Diethylbenzene	11.697	119	631984	30.671	ug/L	99
108)	n-Butylbenzene	11.749	91	882963	30.534	ug/L	100
109)	1,2-Dichlorobenzene	11.869	146	572400	30.896	ug/L	98
110)	1,2,4,5-Tetramethylben...	12.518	119	988409	30.287	ug/L	99
111)	1,2-Dibromo-3-chloropr...	12.685	155	32505	29.157	ug/L	97
112)	1,3,5-Trichlorobenzene	12.722	180	427941	30.012	ug/L	97
113)	Hexachlorobutadiene	13.328	225	137172	28.259	ug/L	100
114)	1,2,4-Trichlorobenzene	13.334	180	394719	30.016	ug/L	98
115)	Naphthalene	13.627	128	795421	30.346	ug/L	100
116)	1,2,3-Trichlorobenzene	13.794	180	365736	30.111	ug/L	99

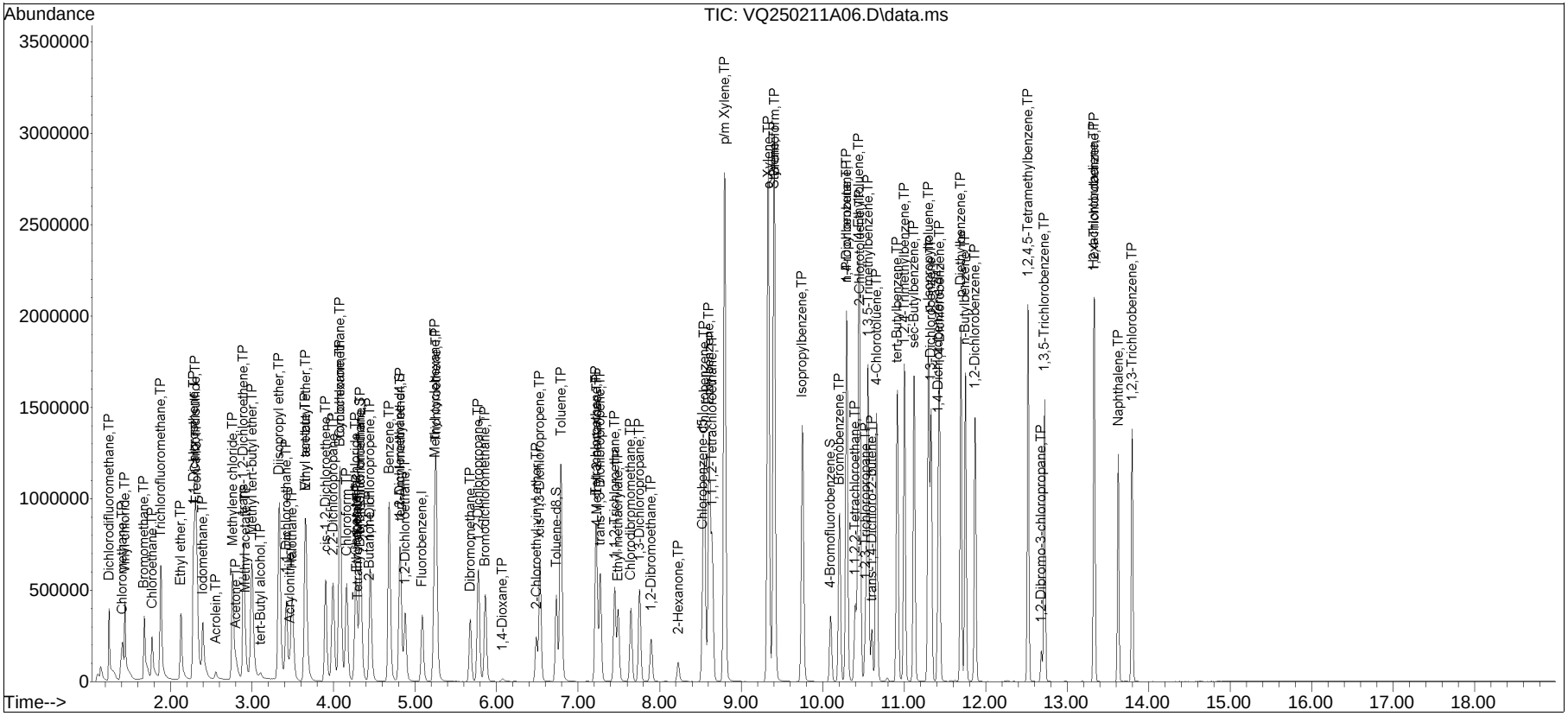
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A06.D
Acq On : 11 Feb 2025 8:45 am
Operator : QUIMBY:MCM
Sample : I8260STDL30ppb
Misc : WG2029793
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 19 10:37:42 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus DioxVQ250211A05.D•



Manual Integration Report

Data Path	: K:\Quimby\2025\250211ICAL\	QMethod	: VQ_250211_8260.m
Data File	: VQ250211A06.D	Operator	: QUIMBY:MCM
Date Inj'd	: 2/11/2025 8:45 am	Instrument	: Quimby
Sample	: I8260STDL30ppb	Quant Date	: 2/19/2025 10:37 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A07.D
Acq On : 11 Feb 2025 9:08 am
Operator : QUIMBY:MCM
Sample : I8260STDL80ppb
Misc : WG2029793
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 19 10:37:48 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.086	96	387590	10.000	ug/L		0.00
Standard Area 1 = 361297			Recovery = 107.28%				
63) Chlorobenzene-d5	8.532	117	293862	10.000	ug/L		0.00
Standard Area 1 = 266173			Recovery = 110.40%				
84) 1,4-Dichlorobenzene-d4	11.419	152	185672	10.000	ug/L		0.00
Standard Area 1 = 162445			Recovery = 114.30%				
System Monitoring Compounds							
39) Dibromofluoromethane	4.322	113	106193	9.847	ug/L		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.47%				
47) 1,2-Dichloroethane-d4	4.814	65	116415	9.829	ug/L		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.29%				
64) Toluene-d8	6.733	98	386787	9.835	ug/L		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.35%				
88) 4-Bromofluorobenzene	10.096	95	143567	9.531	ug/L		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.31%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.247	85	921240	73.720	ug/L		100
3) Chloromethane	1.414	50	824549	73.604	ug/L		98
4) Vinyl chloride	1.440	62	945571	78.410	ug/L		99
5) Bromomethane	1.676	94	607471	70.667	ug/L		99
6) Chloroethane	1.775	64	604118	76.443	ug/L		99
7) Trichlorofluoromethane	1.880	101	1294990	75.244	ug/L		99
8) Ethyl ether	2.131	74	413938	76.948	ug/L		96
10) 1,1-Dichloroethene	2.282	96	727439	73.925	ug/L		94
11) Carbon disulfide	2.303	76	2118006	79.129	ug/L		99
12) Freon-113	2.319	101	767644	75.306	ug/L		99
13) Iodomethane	2.397	142	1087547	90.418	ug/L		100
14) Acrolein	2.554	56	85342	78.331	ug/L		97
15) Methylene chloride	2.763	84	830119	73.722	ug/L		100
17) Acetone	2.800	43	131801	71.831	ug/L		95
18) trans-1,2-Dichloroethene	2.894	96	772414	75.364	ug/L		97
19) Methyl acetate	2.915	43	391762	75.139	ug/L		99
21) Methyl tert-butyl ether	2.999	73	2186633	79.534	ug/L		98
22) tert-Butyl alcohol	3.103	59	125364	379.133	ug/L	#	96
24) Diisopropyl ether	3.334	45	2703450	78.509	ug/L		99
25) 1,1-Dichloroethane	3.422	63	1250358	75.441	ug/L		99
26) Halothane	3.490	117	522122	76.345	ug/L		99

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A07.D
Acq On : 11 Feb 2025 9:08 am
Operator : QUIMBY:MCM
Sample : I8260STDL80ppb
Misc : WG2029793
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 19 10:37:48 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) Acrylonitrile	3.464	53	141794	68.978	ug/L		98
28) Ethyl tert-butyl ether	3.653	59	1967171	80.830	ug/L		97
29) Vinyl acetate	3.658	43	1425216	81.437	ug/L		97
30) cis-1,2-Dichloroethene	3.904	96	723527	75.964	ug/L		92
31) 2,2-Dichloropropane	3.993	77	1093010	77.271	ug/L		100
33) Bromochloromethane	4.081	128	352702	77.608	ug/L		91
34) Cyclohexane	4.076	56	1187279	75.496	ug/L		99
35) Chloroform	4.160	83	1199143	75.812	ug/L		98
36) Ethyl acetate	4.285	43	421532	78.971	ug/L	#	97
37) Carbon tetrachloride	4.270	117	1000535	78.987	ug/L		98
38) Tetrahydrofuran	4.296	42	138047	72.353	ug/L		97
40) 1,1,1-Trichloroethane	4.333	97	1077576	77.260	ug/L		98
42) 2-Butanone	4.442	43	160379	73.142	ug/L	#	81
43) 1,1-Dichloropropene	4.453	75	885760	79.089	ug/L		97
45) Benzene	4.683	78	2679597	76.896	ug/L		98
46) tert-Amyl methyl ether	4.819	73	1732469	80.443	ug/L		98
48) 1,2-Dichloroethane	4.876	62	868983	76.640	ug/L		99
51) Methyl cyclohexane	5.243	83	1240835	81.720	ug/L		94
52) Trichloroethene	5.258	95	712429	80.010	ug/L		97
54) Dibromomethane	5.677	93	383148	75.986	ug/L		93
55) 1,2-Dichloropropane	5.776	63	689169	78.204	ug/L		97
57) 2-Chloroethyl vinyl ether	6.487	63	338369	79.836	ug/L		89
58) Bromodichloromethane	5.860	83	965352	79.323	ug/L		99
61) 1,4-Dioxane	6.079	88	20039	832.499	ug/L	#	90
62) cis-1,3-Dichloropropene	6.534	75	1145409	83.992	ug/L		95
65) Toluene	6.791	92	1710985	77.656	ug/L		100
66) 4-Methyl-2-pentanone	7.230	58	147286	80.906	ug/L		92
67) Tetrachloroethene	7.220	166	772119	79.941	ug/L		96
69) trans-1,3-Dichloropropene	7.272	75	972150	85.339	ug/L		97
71) Ethyl methacrylate	7.492	69	630761	79.484	ug/L		90
72) 1,1,2-Trichloroethane	7.450	83	442795	79.052	ug/L		98
73) Chlorodibromomethane	7.648	129	709210	82.410	ug/L		99
74) 1,3-Dichloropropane	7.753	76	922291	78.171	ug/L		99
75) 1,2-Dibromoethane	7.894	107	517317	80.252	ug/L		99
77) 2-Hexanone	8.229	43	242341	74.648	ug/L		94
78) Chlorobenzene	8.548	112	1929680	77.878	ug/L		94
79) Ethylbenzene	8.611	91	3369015	78.507	ug/L		98
80) 1,1,1,2-Tetrachloroethane	8.642	131	745000	82.525	ug/L		98
81) p/m Xylene	8.799	106	2755929	158.815	ug/L		96
82) o Xylene	9.338	106	2682080	157.598	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A07.D
Acq On : 11 Feb 2025 9:08 am
Operator : QUIMBY:MCM
Sample : I8260STDL80ppb
Misc : WG2029793
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 19 10:37:48 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	Styrene	9.406	104	4656967	163.655	ug/L	95
85)	Bromoform	9.411	173	466940	84.099	ug/L	100
87)	Isopropylbenzene	9.756	105	3453180	78.175	ug/L	98
89)	Bromobenzene	10.206	156	859292	76.426	ug/L	100
90)	n-Propylbenzene	10.295	91	4167226	79.507	ug/L	99
91)	1,4-Dichlorobutane	10.295	55	843132	74.374	ug/L	97
92)	1,1,2,2-Tetrachloroethane	10.400	83	599789	77.086	ug/L	99
93)	4-Ethyltoluene	10.441	105	3637092	81.146	ug/L	99
94)	2-Chlorotoluene	10.457	91	2914367	78.268	ug/L	98
95)	1,3,5-Trimethylbenzene	10.557	105	3108240	82.549	ug/L	99
96)	1,2,3-Trichloropropane	10.530	75	483966	75.563	ug/L	97
97)	trans-1,4-Dichloro-2-b...	10.604	53	180981	76.009	ug/L	97
98)	4-Chlorotoluene	10.661	91	2576415	78.239	ug/L	97
99)	tert-Butylbenzene	10.917	119	2590584	80.159	ug/L	96
102)	1,2,4-Trimethylbenzene	11.006	105	3108079	84.324	ug/L	98
103)	sec-Butylbenzene	11.121	105	3845897	83.555	ug/L	100
104)	p-Isopropyltoluene	11.299	119	3506562	86.366	ug/L	98
105)	1,3-Dichlorobenzene	11.331	146	1805682	79.795	ug/L	98
106)	1,4-Dichlorobenzene	11.435	146	1791986	79.188	ug/L	98
107)	p-Diethylbenzene	11.697	119	2110064	89.671	ug/L	99
108)	n-Butylbenzene	11.754	91	3013812	91.263	ug/L	100
109)	1,2-Dichlorobenzene	11.875	146	1666168	78.750	ug/L	99
110)	1,2,4,5-Tetramethylben...	12.523	119	3155145	84.658	ug/L	99
111)	1,2-Dibromo-3-chloropr...	12.685	155	97972	76.953	ug/L	97
112)	1,3,5-Trichlorobenzene	12.722	180	1328409	81.579	ug/L	97
113)	Hexachlorobutadiene	13.329	225	501750	90.512	ug/L	99
114)	1,2,4-Trichlorobenzene	13.334	180	1162917	77.437	ug/L	98
115)	Naphthalene	13.627	128	2180441	72.842	ug/L	100
116)	1,2,3-Trichlorobenzene	13.799	180	1019489	73.497	ug/L	99

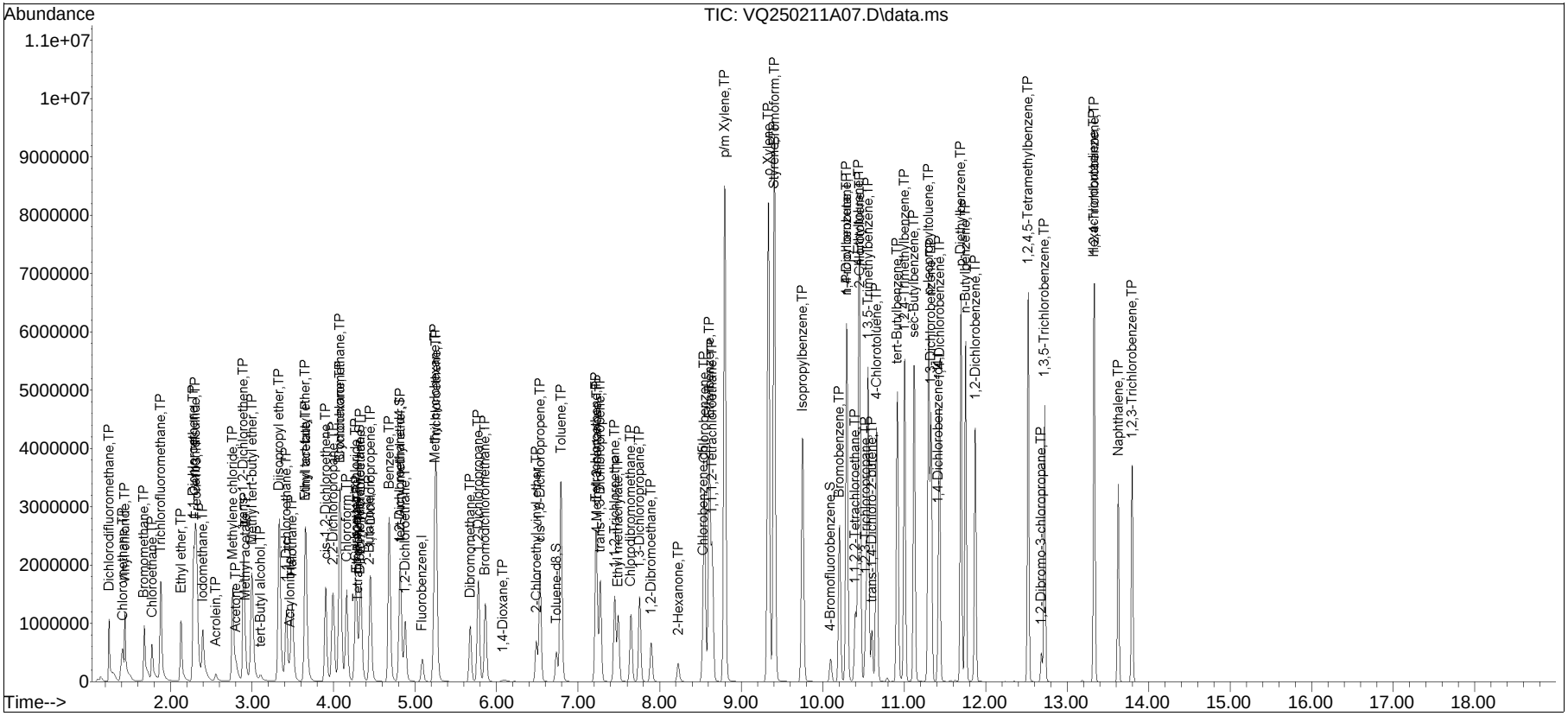
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A07.D
Acq On : 11 Feb 2025 9:08 am
Operator : QUIMBY:MCM
Sample : I8260STDL80ppb
Misc : WG2029793
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 19 10:37:48 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus DioxVQ250211A05.D•



Manual Integration Report

Data Path	: K:\Quimby\2025\250211ICAL\	QMethod	: VQ_250211_8260.m
Data File	: VQ250211A07.D	Operator	: QUIMBY:MCM
Date Inj'd	: 2/11/2025 9:08 am	Instrument	: Quimby
Sample	: I8260STDL80ppb	Quant Date	: 2/19/2025 10:37 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A08.D
Acq On : 11 Feb 2025 9:31 am
Operator : QUIMBY:MCM
Sample : I8260STDL120ppb
Misc : WG2029793
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 19 10:37:55 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.085	96	373319	10.000	ug/L	0.00
Standard Area 1 = 361297			Recovery = 103.33%			
63) Chlorobenzene-d5	8.532	117	284951	10.000	ug/L	0.00
Standard Area 1 = 266173			Recovery = 107.05%			
84) 1,4-Dichlorobenzene-d4	11.419	152	182956	10.000	ug/L	0.00
Standard Area 1 = 162445			Recovery = 112.63%			
System Monitoring Compounds						
39) Dibromofluoromethane	4.327	113	105280	10.135	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.35%			
47) 1,2-Dichloroethane-d4	4.814	65	116665	10.227	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.27%			
64) Toluene-d8	6.733	98	370434	9.714	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.14%			
88) 4-Bromofluorobenzene	10.096	95	140234	9.448	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.246	85	1344901	111.736	ug/L	100
3) Chloromethane	1.409	50	1166562	108.114	ug/L	98
4) Vinyl chloride	1.440	62	1364811	117.502	ug/L	100
5) Bromomethane	1.675	94	889586	107.441	ug/L	99
6) Chloroethane	1.770	64	876029	115.087	ug/L	98
7) Trichlorofluoromethane	1.879	101	1889254	113.969	ug/L	100
8) Ethyl ether	2.130	74	615187	118.730	ug/L	96
10) 1,1-Dichloroethene	2.282	96	1056782	111.499	ug/L	94
11) Carbon disulfide	2.303	76	2979337	115.564	ug/L	100
12) Freon-113	2.319	101	1126139	114.697	ug/L	99
13) Iodomethane	2.397	142	1605515	138.584	ug/L	99
14) Acrolein	2.554	56	132439	126.205	ug/L	97
15) Methylene chloride	2.763	84	1204272	111.038	ug/L	100
17) Acetone	2.800	43	207143	117.208	ug/L	94
18) trans-1,2-Dichloroethene	2.894	96	1114473	112.895	ug/L	97
19) Methyl acetate	2.915	43	592161	117.917	ug/L	99
21) Methyl tert-butyl ether	2.999	73	3256438	122.974	ug/L	98
22) tert-Butyl alcohol	3.103	59	187094	587.450	ug/L #	90
24) Diisopropyl ether	3.333	45	3961306	119.434	ug/L	99
25) 1,1-Dichloroethane	3.417	63	1815688	113.739	ug/L	99
26) Halothane	3.490	117	763318	115.879	ug/L	100

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A08.D
Acq On : 11 Feb 2025 9:31 am
Operator : QUIMBY:MCM
Sample : I8260STDL120ppb
Misc : WG2029793
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 19 10:37:55 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) Acrylonitrile	3.464	53	217911	110.059	ug/L		97
28) Ethyl tert-butyl ether	3.658	59	2923139	124.702	ug/L		95
29) Vinyl acetate	3.658	43	2181534	129.418	ug/L		97
30) cis-1,2-Dichloroethene	3.903	96	1062834	115.855	ug/L		91
31) 2,2-Dichloropropane	3.992	77	1608013	118.024	ug/L		100
33) Bromochloromethane	4.081	128	518198	118.382	ug/L		91
34) Cyclohexane	4.076	56	1728829	114.135	ug/L		100
35) Chloroform	4.160	83	1753062	115.069	ug/L		98
36) Ethyl acetate	4.285	43	647762	125.993	ug/L		97
37) Carbon tetrachloride	4.270	117	1489908	122.117	ug/L		97
38) Tetrahydrofuran	4.296	42	211449	115.061	ug/L		96
40) 1,1,1-Trichloroethane	4.332	97	1571586	116.987	ug/L		97
42) 2-Butanone	4.442	43	252829	119.713	ug/L	#	84
43) 1,1-Dichloropropene	4.453	75	1283139	118.950	ug/L		97
45) Benzene	4.683	78	3894650	116.037	ug/L		98
46) tert-Amyl methyl ether	4.819	73	2579261	124.340	ug/L		98
48) 1,2-Dichloroethane	4.876	62	1283018	117.482	ug/L		99
51) Methyl cyclohexane	5.242	83	1730595	118.331	ug/L		94
52) Trichloroethene	5.258	95	1047063	122.087	ug/L		97
54) Dibromomethane	5.676	93	568248	117.003	ug/L		93
55) 1,2-Dichloropropane	5.776	63	1006531	118.583	ug/L		97
57) 2-Chloroethyl vinyl ether	6.487	63	513077	125.685	ug/L		89
58) Bromodichloromethane	5.860	83	1430227	122.015	ug/L		99
61) 1,4-Dioxane	6.074	88	28443	1226.806	ug/L		91
62) cis-1,3-Dichloropropene	6.534	75	1700747	129.482	ug/L		95
65) Toluene	6.791	92	2493087	116.691	ug/L		100
66) 4-Methyl-2-pentanone	7.230	58	229833	130.198	ug/L		90
67) Tetrachloroethene	7.219	166	1122362	119.838	ug/L		96
69) trans-1,3-Dichloropropene	7.272	75	1461909	132.346	ug/L		97
71) Ethyl methacrylate	7.491	69	944472	122.737	ug/L		90
72) 1,1,2-Trichloroethane	7.450	83	660717	121.647	ug/L		99
73) Chlorodibromomethane	7.648	129	1067217	127.889	ug/L		99
74) 1,3-Dichloropropane	7.753	76	1371189	119.852	ug/L		99
75) 1,2-Dibromoethane	7.899	107	778123	124.485	ug/L		100
77) 2-Hexanone	8.229	43	378256	120.157	ug/L		94
78) Chlorobenzene	8.548	112	2837797	118.109	ug/L		94
79) Ethylbenzene	8.611	91	4922261	118.289	ug/L		98
80) 1,1,1,2-Tetrachloroethane	8.647	131	1116721	127.569	ug/L		98
81) p/m Xylene	8.799	106	4057566	241.137	ug/L		95
82) o Xylene	9.338	106	4035069	244.514	ug/L		94

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A08.D
Acq On : 11 Feb 2025 9:31 am
Operator : QUIMBY:MCM
Sample : I8260STDL120ppb
Misc : WG2029793
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 19 10:37:55 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	Styrene	9.406	104	7059346	255.838	ug/L	95
85)	Bromoform	9.411	173	727713	133.012	ug/L	100
87)	Isopropylbenzene	9.756	105	5012761	115.166	ug/L	98
89)	Bromobenzene	10.206	156	1279289	115.469	ug/L	100
90)	n-Propylbenzene	10.295	91	6037645	116.903	ug/L	99
91)	1,4-Dichlorobutane	10.295	55	1300993	116.466	ug/L	96
92)	1,1,2,2-Tetrachloroethane	10.399	83	911214	118.849	ug/L	100
93)	4-Ethyltoluene	10.441	105	5285192	119.667	ug/L	99
94)	2-Chlorotoluene	10.457	91	4299777	117.189	ug/L	98
95)	1,3,5-Trimethylbenzene	10.556	105	4517306	121.753	ug/L	99
96)	1,2,3-Trichloropropane	10.530	75	742468	117.645	ug/L	97
97)	trans-1,4-Dichloro-2-b...	10.603	53	281915	120.157	ug/L	98
98)	4-Chlorotoluene	10.666	91	3801445	117.154	ug/L	98
99)	tert-Butylbenzene	10.917	119	3719452	116.798	ug/L	96
102)	1,2,4-Trimethylbenzene	11.006	105	4572336	125.891	ug/L	98
103)	sec-Butylbenzene	11.126	105	5377969	118.575	ug/L	100
104)	p-Isopropyltoluene	11.299	119	4906843	122.649	ug/L	98
105)	1,3-Dichlorobenzene	11.330	146	2686349	120.475	ug/L	98
106)	1,4-Dichlorobenzene	11.435	146	2669280	119.707	ug/L	98
107)	p-Diethylbenzene	11.697	119	2897103	124.945	ug/L	99
108)	n-Butylbenzene	11.754	91	4045951	124.336	ug/L	99
109)	1,2-Dichlorobenzene	11.874	146	2468057	118.382	ug/L	99
110)	1,2,4,5-Tetramethylben...	12.523	119	4483411	122.083	ug/L	99
111)	1,2-Dibromo-3-chloropr...	12.685	155	144745	115.379	ug/L	96
112)	1,3,5-Trichlorobenzene	12.727	180	1879486	117.134	ug/L	97
113)	Hexachlorobutadiene	13.328	225	612860	112.196	ug/L	100
114)	1,2,4-Trichlorobenzene	13.334	180	1807616	122.154	ug/L	98
115)	Naphthalene	13.626	128	3446768	116.855	ug/L	100
116)	1,2,3-Trichlorobenzene	13.799	180	1635741	119.674	ug/L	99

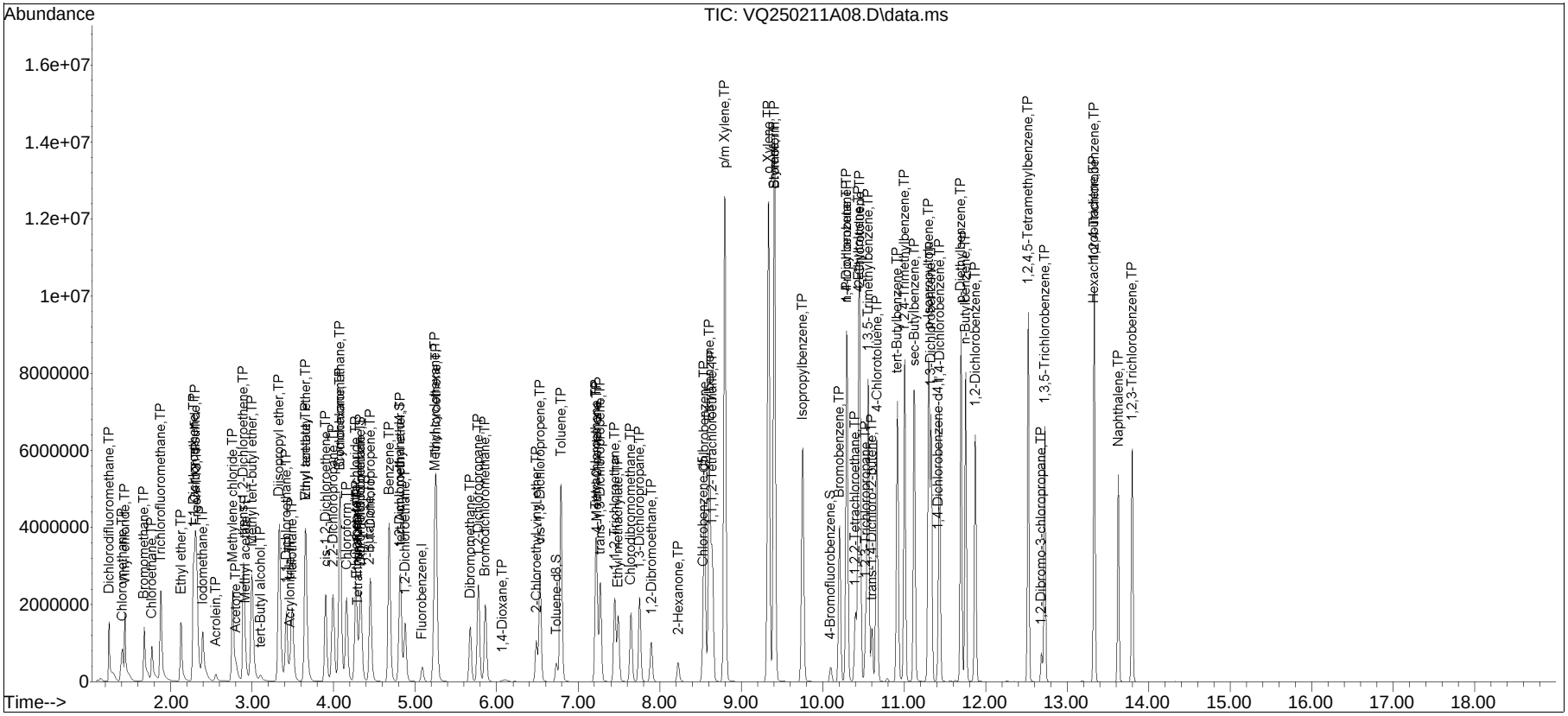
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A08.D
Acq On : 11 Feb 2025 9:31 am
Operator : QUIMBY:MCM
Sample : I8260STDL120ppb
Misc : WG2029793
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 19 10:37:55 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus DioxVQ250211A05.D•



Manual Integration Report

Data Path	: K:\Quimby\2025\250211ICAL\	QMethod	: VQ_250211_8260.m
Data File	: VQ250211A08.D	Operator	: QUIMBY:MCM
Date Inj'd	: 2/11/2025 9:31 am	Instrument	: Quimby
Sample	: I8260STDL120ppb	Quant Date	: 2/19/2025 10:37 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A09.D
Acq On : 11 Feb 2025 9:54 am
Operator : QUIMBY:MCM
Sample : I8260STDL200ppb
Misc : WG2029793
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 19 10:38:02 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.091	96	395845	10.000	ug/L	0.00
Standard Area 1 = 361297			Recovery = 109.56%			
63) Chlorobenzene-d5	8.532	117	308266	10.000	ug/L	0.00
Standard Area 1 = 266173			Recovery = 115.81%			
84) 1,4-Dichlorobenzene-d4	11.419	152	185740	10.000	ug/L	0.00
Standard Area 1 = 162445			Recovery = 114.34%			
System Monitoring Compounds						
39) Dibromofluoromethane	4.322	113	110787	10.059	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.59%			
47) 1,2-Dichloroethane-d4	4.814	65	127109	10.508	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.08%			
64) Toluene-d8	6.733	98	397134	9.626	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.26%			
88) 4-Bromofluorobenzene	10.101	95	146777	9.741	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.41%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.247	85	2379470	186.440	ug/L	99
3) Chloromethane	1.409	50	1983330	173.351	ug/L	98
4) Vinyl chloride	1.440	62	2425945	196.974	ug/L	99
5) Bromomethane	1.675	94	1535995	174.955	ug/L	99
6) Chloroethane	1.770	64	1517527	188.017	ug/L	98
7) Trichlorofluoromethane	1.879	101	3367569	191.588	ug/L	100
8) Ethyl ether	2.125	74	1043817	189.991	ug/L	97
10) 1,1-Dichloroethene	2.282	96	1870078	186.081	ug/L	95
11) Carbon disulfide	2.303	76	5286648	193.391	ug/L	100
12) Freon-113	2.319	101	2000121	192.120	ug/L	98
13) Iodomethane	2.392	142	2665271	216.968	ug/L	99
14) Acrolein	2.554	56	241640	217.163	ug/L	96
15) Methylene chloride	2.763	84	2030095	176.530	ug/L	100
17) Acetone	2.800	43	362628	193.509	ug/L	94
18) trans-1,2-Dichloroethene	2.894	96	1929774	184.360	ug/L	98
19) Methyl acetate	2.915	43	1043448	195.957	ug/L	99
21) Methyl tert-butyl ether	2.999	73	5544064	197.448	ug/L	98
22) tert-Butyl alcohol	3.103	59	355657	1053.167	ug/L #	93
24) Diisopropyl ether	3.333	45	6766579	192.405	ug/L	99
25) 1,1-Dichloroethane	3.417	63	3130702	184.954	ug/L	99
26) Halothane	3.490	117	1361206	194.886	ug/L	99

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A09.D
Acq On : 11 Feb 2025 9:54 am
Operator : QUIMBY:MCM
Sample : I8260STDL200ppb
Misc : WG2029793
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 19 10:38:02 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) Acrylonitrile	3.464	53	377241	179.688	ug/L		98
28) Ethyl tert-butyl ether	3.658	59	5059571	203.560	ug/L		95
29) Vinyl acetate	3.658	43	3775977	211.260	ug/L		96
30) cis-1,2-Dichloroethene	3.904	96	1818427	186.939	ug/L		91
31) 2,2-Dichloropropane	3.992	77	2836982	196.378	ug/L		100
33) Bromochloromethane	4.081	128	882971	190.236	ug/L		90
34) Cyclohexane	4.076	56	3200975	199.298	ug/L		100
35) Chloroform	4.160	83	3007570	186.179	ug/L		98
36) Ethyl acetate	4.285	43	1157457	212.320	ug/L	#	97
37) Carbon tetrachloride	4.270	117	2663991	205.922	ug/L		98
38) Tetrahydrofuran	4.296	42	374850	192.368	ug/L		95
40) 1,1,1-Trichloroethane	4.332	97	2797151	196.368	ug/L		97
42) 2-Butanone	4.442	43	456655	203.919	ug/L	#	85
43) 1,1-Dichloropropene	4.453	75	2291218	200.315	ug/L		97
45) Benzene	4.683	78	6704634	188.391	ug/L		99
46) tert-Amyl methyl ether	4.819	73	4480381	203.697	ug/L		99
48) 1,2-Dichloroethane	4.876	62	2187963	188.944	ug/L		99
51) Methyl cyclohexane	5.242	83	3343459	215.603	ug/L		94
52) Trichloroethene	5.258	95	1891797	208.030	ug/L		98
54) Dibromomethane	5.677	93	979362	190.177	ug/L		93
55) 1,2-Dichloropropane	5.776	63	1713922	190.433	ug/L		98
57) 2-Chloroethyl vinyl ether	6.487	63	882623	203.906	ug/L		89
58) Bromodichloromethane	5.860	83	2448437	196.994	ug/L		99
61) 1,4-Dioxane	6.079	88	47093	1915.630	ug/L	#	90
62) cis-1,3-Dichloropropene	6.534	75	2910968	209.007	ug/L		96
65) Toluene	6.791	92	4420509	191.257	ug/L		99
66) 4-Methyl-2-pentanone	7.235	58	411407	215.431	ug/L		89
67) Tetrachloroethene	7.219	166	2040161	201.358	ug/L		97
69) trans-1,3-Dichloropropene	7.272	75	2528450	211.587	ug/L		97
71) Ethyl methacrylate	7.491	69	1629553	195.749	ug/L	#	51
72) 1,1,2-Trichloroethane	7.450	83	1142096	194.371	ug/L		99
73) Chlorodibromomethane	7.648	129	1852041	205.152	ug/L		99
74) 1,3-Dichloropropane	7.753	76	2354779	190.259	ug/L		99
75) 1,2-Dibromoethane	7.899	107	1350487	199.712	ug/L		99
77) 2-Hexanone	8.224	43	660724	194.012	ug/L		95
78) Chlorobenzene	8.553	112	4941057	190.092	ug/L		94
79) Ethylbenzene	8.611	91	8784753	195.143	ug/L		97
80) 1,1,1,2-Tetrachloroethane	8.647	131	1964666	207.460	ug/L		98
81) p/m Xylene	8.804	106	7291687	400.563	ug/L		91
82) o Xylene	9.338	106	7111968	398.370	ug/L		90

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A09.D
Acq On : 11 Feb 2025 9:54 am
Operator : QUIMBY:MCM
Sample : I8260STDL200ppb
Misc : WG2029793
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 19 10:38:02 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Styrene	9.411	104	11968660	400.950	ug/L	99
85) Bromoform	9.416	173	1297201	233.549	ug/L	100
87) Isopropylbenzene	9.756	105	9004831	203.781	ug/L	97
89) Bromobenzene	10.211	156	2220911	197.456	ug/L	100
90) n-Propylbenzene	10.300	91	10599369	202.152	ug/L	98
91) 1,4-Dichlorobutane	10.295	55	2358425	207.964	ug/L	96
92) 1,1,2,2-Tetrachloroethane	10.399	83	1607258	206.492	ug/L	99
93) 4-Ethyltoluene	10.447	105	9200867	205.203	ug/L	98
94) 2-Chlorotoluene	10.457	91	7629257	204.816	ug/L	99
95) 1,3,5-Trimethylbenzene	10.562	105	7685121	204.029	ug/L	98
96) 1,2,3-Trichloropropane	10.535	75	1308836	204.278	ug/L	96
97) trans-1,4-Dichloro-2-b...	10.609	53	488986	205.291	ug/L	95
98) 4-Chlorotoluene	10.666	91	6532239	198.296	ug/L	98
99) tert-Butylbenzene	10.917	119	6414377	198.404	ug/L	98
102) 1,2,4-Trimethylbenzene	11.006	105	7584144	205.686	ug/L	97
103) sec-Butylbenzene	11.126	105	9162607	198.992	ug/L	99
104) p-Isopropyltoluene	11.304	119	8241103	202.903	ug/L	98
105) 1,3-Dichlorobenzene	11.336	146	4418039	195.166	ug/L	99
106) 1,4-Dichlorobenzene	11.435	146	4350914	192.197	ug/L	99
107) p-Diethylbenzene	11.697	119	5077243	215.686	ug/L	98
108) n-Butylbenzene	11.754	91	7103771	215.034	ug/L	99
109) 1,2-Dichlorobenzene	11.874	146	4049718	191.335	ug/L	99
110) 1,2,4,5-Tetramethylben...	12.523	119	8596083	230.562	ug/L	98
111) 1,2-Dibromo-3-chloropr...	12.685	155	276697	217.255	ug/L	96
112) 1,3,5-Trichlorobenzene	12.727	180	3808882	233.821	ug/L	98
113) Hexachlorobutadiene	13.334	225	1298628	234.177	ug/L	99
114) 1,2,4-Trichlorobenzene	13.339	180	3573453	237.864	ug/L	99
115) Naphthalene	13.627	128	6594733	220.228	ug/L	100
116) 1,2,3-Trichlorobenzene	13.799	180	3042951	219.291	ug/L	99

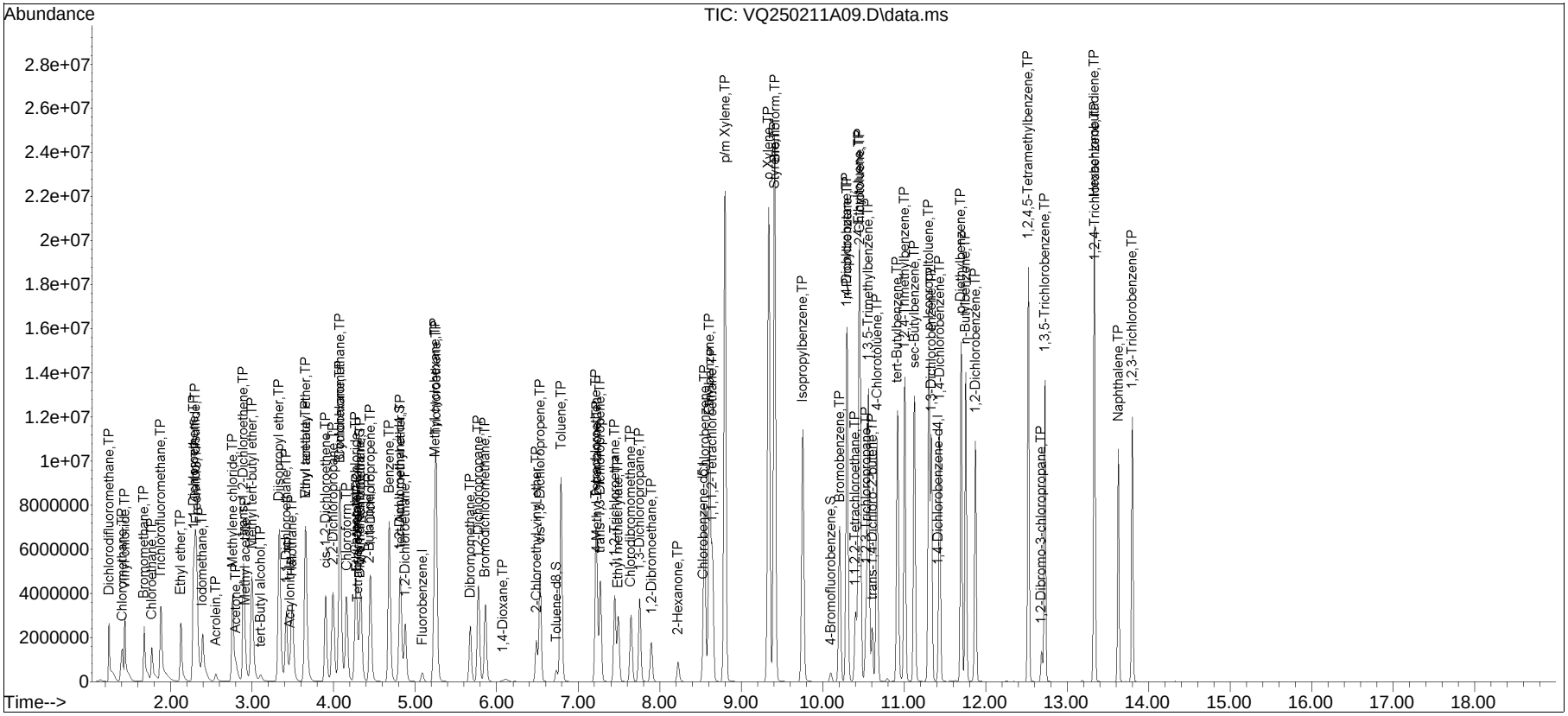
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A09.D
Acq On : 11 Feb 2025 9:54 am
Operator : QUIMBY:MCM
Sample : I8260STDL200ppb
Misc : WG2029793
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 19 10:38:02 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus DioxVQ250211A05.D•



Manual Integration Report

Data Path	: K:\Quimby\2025\250211ICAL\	QMethod	: VQ_250211_8260.m
Data File	: VQ250211A09.D	Operator	: QUIMBY:MCM
Date Inj'd	: 2/11/2025 9:54 am	Instrument	: Quimby
Sample	: I8260STDL200ppb	Quant Date	: 2/19/2025 10:37 am

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

Evaluate Continuing Calibration Report

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A14.D
Acq On : 11 Feb 2025 11:49 am
Operator : QUIMBY:MCM
Sample : C8260STDL10ppb
Misc : WG2029793
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 19 10:44:00 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	93	0.00
2	TP	Dichlorodifluoromethane	0.322	0.265	17.7	73	0.00
3	TP	Chloromethane	0.289	0.263	9.0	84	0.00
4	TP	Vinyl chloride	0.311	0.304	2.3	86	0.00
5	TP	Bromomethane	0.222	0.195	12.2	85	0.00
6	TP	Chloroethane	0.204	0.201	1.5	90	0.00
7	TP	Trichlorofluoromethane	0.444	0.448	-0.9	89	0.00
8	TP	Ethyl ether	0.139	0.152	-9.4	103	0.00
10	TP	1,1-Dichloroethene	0.254	0.236	7.1	86	0.00
11	TP	Carbon disulfide	0.691	0.567	17.9	76	0.00
12	TP	Freon-113	0.263	0.291	-10.6	98	0.00
13	TP	Iodomethane	0.310	0.350	-12.9	107	0.00
14	TP	Acrolein	0.028	0.033	-17.9	124	0.00
15	TP	Methylene chloride	0.291	0.286	1.7	94	0.00
17	TP	Acetone	0.047	0.047	0.0	96	0.00
18	TP	trans-1,2-Dichloroethene	0.264	0.256	3.0	92	0.00
19	TP	Methyl acetate	0.135	0.148	-9.6	109	0.00
21	TP	Methyl tert-butyl ether	0.709	0.697	1.7	96	0.00
22	TP	tert-Butyl alcohol	0.00853	0.01005	-17.8	122	0.00
24	TP	Diisopropyl ether	0.888	0.858	3.4	94	0.00
25	TP	1,1-Dichloroethane	0.428	0.407	4.9	87	0.00
26	TP	Halothane	0.176	0.184	-4.5	97	0.00
27	TP	Acrylonitrile	0.053	0.054	-1.9	99	0.00
28	TP	Ethyl tert-butyl ether	0.628	0.614	2.2	96	0.00
29	TP	Vinyl acetate	0.452	0.393	13.1	88	0.00
30	TP	cis-1,2-Dichloroethene	0.246	0.228	7.3	88	0.00
31	TP	2,2-Dichloropropane	0.365	0.321	12.1	81	0.00
33	TP	Bromochloromethane	0.117	0.114	2.6	93	0.00
34	TP	Cyclohexane	0.406	0.401	1.2	89	0.00
35	TP	Chloroform	0.408	0.389	4.7	90	0.00
36	TP	Ethyl acetate	0.138	0.138	0.0	101	0.00
37	TP	Carbon tetrachloride	0.327	0.303	7.3	83	0.00
38	TP	Tetrahydrofuran	0.049	0.053	-8.2	105	0.00
39	S	Dibromofluoromethane	0.278	0.275	1.1	92	0.00
40	TP	1,1,1-Trichloroethane	0.360	0.348	3.3	89	0.00
42	TP	2-Butanone	0.057	0.051	10.5	95	0.00
43	TP	1,1-Dichloropropene	0.289	0.286	1.0	91	0.00
45	TP	Benzene	0.899	0.849	5.6	89	0.00
46	TP	tert-Amyl methyl ether	0.556	0.528	5.0	94	0.00

Evaluate Continuing Calibration Report

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A14.D
Acq On : 11 Feb 2025 11:49 am
Operator : QUIMBY:MCM
Sample : C8260STDL10ppb
Misc : WG2029793
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 19 10:44:00 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47	S	1,2-Dichloroethane-d4	0.306	0.305	0.3	93	0.00
48	T	1,2-Dichloroethane	0.293	0.286	2.4	92	0.00
51	TP	Methyl cyclohexane	0.392	0.385	1.8	89	0.00
52	TP	Trichloroethene	0.230	0.217	5.7	88	0.00
54	TP	Dibromomethane	0.130	0.123	5.4	93	0.00
55	TP	1,2-Dichloropropane	0.227	0.217	4.4	91	0.00
57	TP	2-Chloroethyl vinyl ether	0.109	0.106	2.8	95	0.00
58	TP	Bromodichloromethane	0.314	0.283#	9.9	87	0.00
61	TP	1,4-Dioxane	0.00062	0.00067#	-8.1	97	0.00
62	TP	cis-1,3-Dichloropropene	0.352	0.337	4.3	92	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64	S	Toluene-d8	1.338	1.341	-0.2	93	0.00
65	TP	Toluene	0.750	0.749	0.1	93	0.00
66	TP	4-Methyl-2-pentanone	0.062	0.062	0.0	99	0.00
67	TP	Tetrachloroethene	0.329	0.314	4.6	87	0.00
69	TP	trans-1,3-Dichloropropene	0.388	0.380	2.1	96	0.00
71	TP	Ethyl methacrylate	0.270	0.314	-16.3	112	0.00
72	TP	1,1,2-Trichloroethane	0.191	0.194#	-1.6	98	0.00
73	TP	Chlorodibromomethane	0.293	0.279	4.8	94	0.00
74	TP	1,3-Dichloropropane	0.401	0.394	1.7	94	0.00
75	TP	1,2-Dibromoethane	0.219	0.215	1.8	94	0.00
77	TP	2-Hexanone	0.110	0.110	0.0	98	0.00
78	TP	Chlorobenzene	0.843	0.832	1.3	94	0.00
79	TP	Ethylbenzene	1.460	1.361	6.8	87	0.00
80	TP	1,1,1,2-Tetrachloroethane	0.307	0.285	7.2	92	0.00
81	TP	p/m Xylene	0.591	0.549	7.1	89	0.00
82	TP	o Xylene	0.579	0.555	4.1	91	0.00
83	TP	Styrene	0.968	0.950	1.9	95	0.00
84	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
85	TP	Bromoform	0.299	0.278	7.0	100	0.00
87	TP	Isopropylbenzene	2.379	1.926	19.0	76	0.00
88	S	4-Bromofluorobenzene	0.811	0.797	1.7	93	0.00
89	TP	Bromobenzene	0.606	0.581	4.1	92	0.00
90	TP	n-Propylbenzene	2.823	2.580	8.6	86	0.00
91	TP	1,4-Dichlorobutane	0.611	0.688	-12.6	114	0.00
92	TP	1,1,2,2-Tetrachloroethane	0.419	0.419	0.0	98	0.00
93	TP	4-Ethyltoluene	2.414	2.435	-0.9	96	0.00

Evaluate Continuing Calibration Report

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A14.D
Acq On : 11 Feb 2025 11:49 am
Operator : QUIMBY:MCM
Sample : C8260STDL10ppb
Misc : WG2029793
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 19 10:44:00 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94	TP	2-Chlorotoluene	2.005	1.840	8.2	90	0.00
95	TP	1,3,5-Trimethylbenzene	2.028	1.815	10.5	86	0.00
96	TP	1,2,3-Trichloropropane	0.345	0.328	4.9	94	0.00
97	TP	trans-1,4-Dichloro-2-butene	0.128	0.132	-3.1	109	0.00
98	TP	4-Chlorotoluene	1.774	1.658	6.5	90	0.00
99	TP	tert-Butylbenzene	1.741	1.553	10.8	83	0.00
102	TP	1,2,4-Trimethylbenzene	1.985	1.823	8.2	90	0.00
103	TP	sec-Butylbenzene	2.479	2.181	12.0	81	0.00
104	TP	p-Isopropyltoluene	2.187	1.923	12.1	83	0.00
105	TP	1,3-Dichlorobenzene	1.219	1.179	3.3	94	0.00
106	TP	1,4-Dichlorobenzene	1.219	1.188	2.5	95	0.00
107	TP	p-Diethylbenzene	1.267	1.166	8.0	90	0.00
108	TP	n-Butylbenzene	1.779	1.586	10.8	85	0.00
109	TP	1,2-Dichlorobenzene	1.140	1.124	1.4	96	0.00
110	TP	1,2,4,5-Tetramethylbenzene	2.007	1.838	8.4	93	0.00
111	TP	1,2-Dibromo-3-chloropropane	0.069	0.069	0.0	101	0.00
112	TP	1,3,5-Trichlorobenzene	0.877	0.839	4.3	96	0.00
113	TP	Hexachlorobutadiene	0.299	0.244	18.4	78	0.00
114	TP	1,2,4-Trichlorobenzene	0.809	0.755	6.7	94	0.00
115	TP	Naphthalene	1.612	1.628	-1.0	99	0.00
116	TP	1,2,3-Trichlorobenzene	0.747	0.726	2.8	94	0.00

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

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A14.D
Acq On : 11 Feb 2025 11:49 am
Operator : QUIMBY:MCM
Sample : C8260STDL10ppb
Misc : WG2029793
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 19 10:44:00 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.086	96	334245	10.000	ug/L		0.00
Standard Area 1 = 361297			Recovery = 92.51%				
63) Chlorobenzene-d5	8.527	117	250177	10.000	ug/L		0.00
Standard Area 1 = 266173			Recovery = 93.99%				
84) 1,4-Dichlorobenzene-d4	11.419	152	153621	10.000	ug/L		0.00
Standard Area 1 = 162445			Recovery = 94.57%				
System Monitoring Compounds							
39) Dibromofluoromethane	4.322	113	92011	9.894	ug/L		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.94%				
47) 1,2-Dichloroethane-d4	4.814	65	101918	9.978	ug/L		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.78%				
64) Toluene-d8	6.733	98	335537	10.022	ug/L		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.22%				
88) 4-Bromofluorobenzene	10.096	95	122473	9.827	ug/L		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.27%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.247	85	88424	8.205	ug/L		90
3) Chloromethane	1.409	50	87946	9.103	ug/L		98
4) Vinyl chloride	1.440	62	101753	9.784	ug/L		99
5) Bromomethane	1.676	94	65126	8.785	ug/L		99
6) Chloroethane	1.770	64	67074	9.842	ug/L		96
7) Trichlorofluoromethane	1.879	101	149671	10.084	ug/L		99
8) Ethyl ether	2.131	74	50749	10.939	ug/L		97
10) 1,1-Dichloroethene	2.282	96	78862	9.293	ug/L		93
11) Carbon disulfide	2.303	76	189641	8.216	ug/L		98
12) Freon-113	2.319	101	97343	11.073	ug/L		100
13) Iodomethane	2.397	142	116888	11.269	ug/L		100
14) Acrolein	2.554	56	11170	11.889	ug/L		94
15) Methylene chloride	2.763	84	95503	9.835	ug/L		99
17) Acetone	2.800	43	15610	9.865	ug/L		90
18) trans-1,2-Dichloroethene	2.894	96	85733	9.700	ug/L		95
19) Methyl acetate	2.915	43	49459	11.000	ug/L		99
21) Methyl tert-butyl ether	2.999	73	232924	9.824	ug/L		98
22) tert-Butyl alcohol	3.109	59	16788	58.874	ug/L	#	95
24) Diisopropyl ether	3.333	45	286787	9.658	ug/L		99
25) 1,1-Dichloroethane	3.417	63	135927	9.510	ug/L		99
26) Halothane	3.490	117	61608	10.446	ug/L		100

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A14.D
Acq On : 11 Feb 2025 11:49 am
Operator : QUIMBY:MCM
Sample : C8260STDL10ppb
Misc : WG2029793
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 19 10:44:00 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) Acrylonitrile	3.464	53	17916	10.107	ug/L		97
28) Ethyl tert-butyl ether	3.658	59	205206	9.778	ug/L		93
29) Vinyl acetate	3.658	43	131326	8.702	ug/L		96
30) cis-1,2-Dichloroethene	3.904	96	76260	9.285	ug/L		91
31) 2,2-Dichloropropane	3.998	77	107409	8.805	ug/L		97
33) Bromochloromethane	4.081	128	38001	9.696	ug/L		92
34) Cyclohexane	4.076	56	133988	9.880	ug/L		100
35) Chloroform	4.160	83	130162	9.542	ug/L		97
36) Ethyl acetate	4.285	43	46190	10.034	ug/L	#	96
37) Carbon tetrachloride	4.270	117	101441	9.286	ug/L		98
38) Tetrahydrofuran	4.306	42	17698	10.756	ug/L		93
40) 1,1,1-Trichloroethane	4.332	97	116199	9.661	ug/L		97
42) 2-Butanone	4.442	43	17046	9.015	ug/L	#	79
43) 1,1-Dichloropropene	4.453	75	95556	9.894	ug/L		97
45) Benzene	4.683	78	283896	9.447	ug/L		98
46) tert-Amyl methyl ether	4.819	73	176327	9.494	ug/L		95
48) 1,2-Dichloroethane	4.876	62	95514	9.768	ug/L		99
51) Methyl cyclohexane	5.243	83	128662	9.826	ug/L		94
52) Trichloroethene	5.258	95	72555	9.449	ug/L		97
54) Dibromomethane	5.677	93	41182	9.471	ug/L		93
55) 1,2-Dichloropropane	5.776	63	72485	9.538	ug/L		97
57) 2-Chloroethyl vinyl ether	6.487	63	35294	9.656	ug/L		92
58) Bromodichloromethane	5.860	83	94595	9.013	ug/L		99
61) 1,4-Dioxane	6.074	88	11127	536.036	ug/L		95
62) cis-1,3-Dichloropropene	6.534	75	112650	9.579	ug/L		96
65) Toluene	6.791	92	187428	9.992	ug/L		99
66) 4-Methyl-2-pentanone	7.235	58	15567	10.044	ug/L		97
67) Tetrachloroethene	7.220	166	78603	9.559	ug/L		96
69) trans-1,3-Dichloropropene	7.272	75	95176	9.814	ug/L		99
71) Ethyl methacrylate	7.492	69	78565	11.629	ug/L	#	52
72) 1,1,2-Trichloroethane	7.450	83	48507	10.172	ug/L		98
73) Chlorodibromomethane	7.648	129	69797	9.527	ug/L		99
74) 1,3-Dichloropropane	7.753	76	98640	9.820	ug/L		99
75) 1,2-Dibromoethane	7.899	107	53784	9.800	ug/L		100
77) 2-Hexanone	8.229	43	27466	9.938	ug/L		98
78) Chlorobenzene	8.548	112	208150	9.867	ug/L		94
79) Ethylbenzene	8.606	91	340507	9.320	ug/L		98
80) 1,1,1,2-Tetrachloroethane	8.647	131	71191	9.263	ug/L		99
81) p/m Xylene	8.799	106	274804	18.601	ug/L		95
82) o Xylene	9.333	106	277624	19.162	ug/L		94

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A14.D
Acq On : 11 Feb 2025 11:49 am
Operator : QUIMBY:MCM
Sample : C8260STDL10ppb
Misc : WG2029793
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 19 10:44:00 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250211ICAL\VQ250211A05.D
Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	Styrene	9.406	104	475520	19.629	ug/L	92
85)	Bromoform	9.411	173	42687	9.292	ug/L	98
87)	Isopropylbenzene	9.756	105	295824	8.094	ug/L	98
89)	Bromobenzene	10.206	156	89281	9.597	ug/L	99
90)	n-Propylbenzene	10.295	91	396414	9.141	ug/L	100
91)	1,4-Dichlorobutane	10.295	55	105621	11.261	ug/L	95
92)	1,1,2,2-Tetrachloroethane	10.400	83	64299	9.988	ug/L	99
93)	4-Ethyltoluene	10.441	105	374064	10.087	ug/L	98
94)	2-Chlorotoluene	10.457	91	282643	9.174	ug/L	98
95)	1,3,5-Trimethylbenzene	10.556	105	278824	8.950	ug/L	99
96)	1,2,3-Trichloropropane	10.530	75	50356	9.503	ug/L	96
97)	trans-1,4-Dichloro-2-b...	10.604	53	20306	10.307	ug/L	93
98)	4-Chlorotoluene	10.661	91	254647	9.346	ug/L	96
99)	tert-Butylbenzene	10.917	119	238637	8.925	ug/L	96
102)	1,2,4-Trimethylbenzene	11.006	105	280062	9.183	ug/L	97
103)	sec-Butylbenzene	11.121	105	335092	8.799	ug/L	99
104)	p-Isopropyltoluene	11.299	119	295470	8.796	ug/L	98
105)	1,3-Dichlorobenzene	11.331	146	181113	9.673	ug/L	98
106)	1,4-Dichlorobenzene	11.430	146	182515	9.748	ug/L	98
107)	p-Diethylbenzene	11.697	119	179106	9.199	ug/L	99
108)	n-Butylbenzene	11.749	91	243717	8.920	ug/L	99
109)	1,2-Dichlorobenzene	11.869	146	172693	9.865	ug/L	98
110)	1,2,4,5-Tetramethylben...	12.523	119	282316	9.155	ug/L	98
111)	1,2-Dibromo-3-chloropr...	12.685	155	10606	10.069	ug/L	97
112)	1,3,5-Trichlorobenzene	12.722	180	128905	9.568	ug/L	96
113)	Hexachlorobutadiene	13.329	225	37443	8.164	ug/L	99
114)	1,2,4-Trichlorobenzene	13.334	180	115930	9.330	ug/L	98
115)	Naphthalene	13.627	128	250146	10.100	ug/L	100
116)	1,2,3-Trichlorobenzene	13.799	180	111589	9.723	ug/L	98

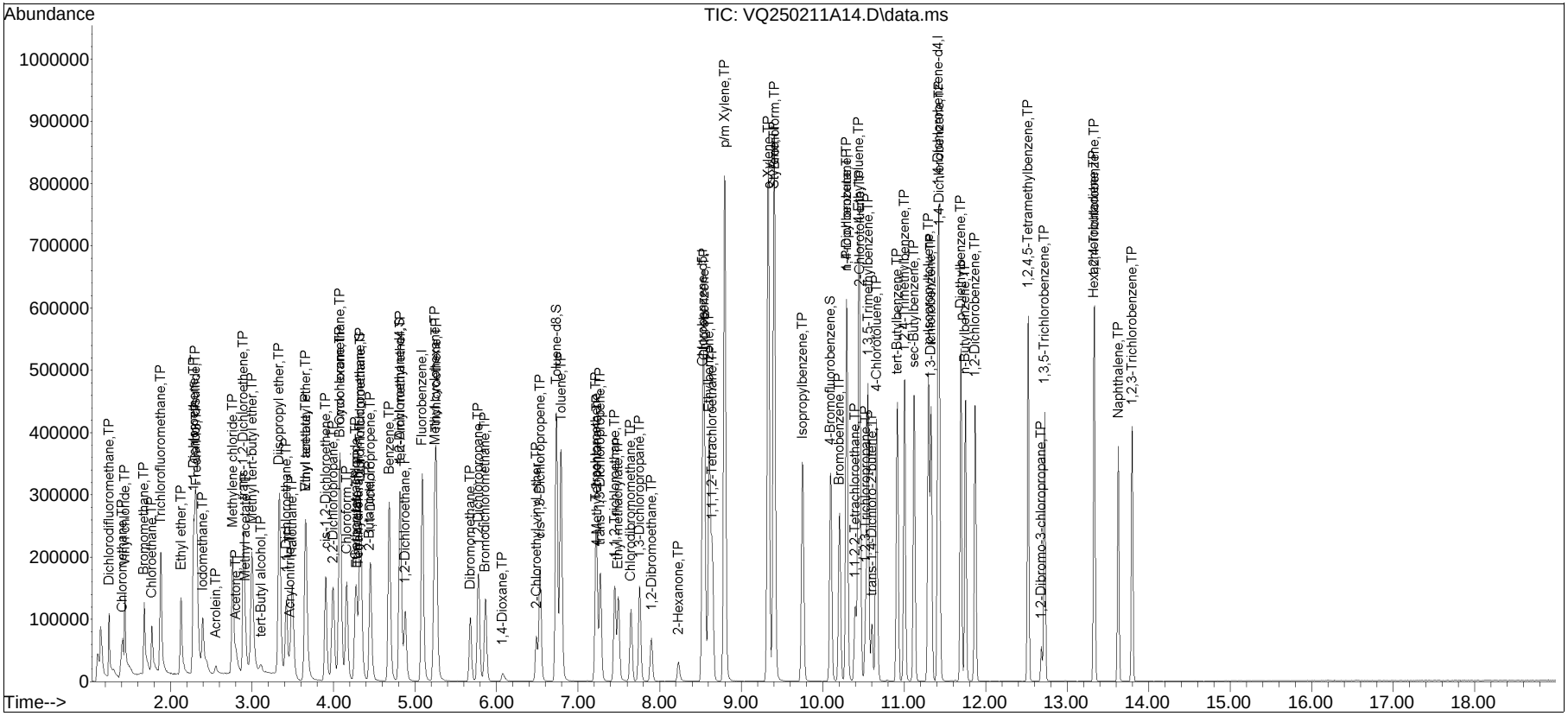
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250211ICAL\
Data File : VQ250211A14.D
Acq On : 11 Feb 2025 11:49 am
Operator : QUIMBY:MCM
Sample : C8260STDL10ppb
Misc : WG2029793
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 19 10:44:00 2025
Quant Method : K:\Quimby\2025\250211ICAL\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus DioxVQ250211A05.D•



Manual Integration Report

Data Path	: K:\Quimby\2025\250211ICAL\	QMethod	: VQ_250211_8260.m
Data File	: VQ250211A14.D	Operator	: QUIMBY:MCM
Date Inj'd	: 2/11/2025 11:49 am	Instrument	: Quimby
Sample	: C8260STDL10ppb	Quant Date	: 2/19/2025 10:43 am

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

Continuing Calibration

Calibration Verification Summary
Form 7
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2511919		
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504		
Instrument ID	: QUIMBY	**Calibration Date**	: 03/07/25 16:36		
Lab File ID	: VQ250307P01	**Init. Calib. Date(s)**	: 02/11/25	02/11/25	
Sample No	: WG2038492-2	**Init. Calib. Times**	: 07:14	09:54	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	87	0
Dichlorodifluoromethane	0.322	0.248	-	23*	20	64	0
Chloromethane	0.289	0.281	-	2.8	20	84	0
Vinyl chloride	0.311	0.318	-	-2.3	20	84	0
Bromomethane	0.222	0.233	-	-5	20	95	0
Chloroethane	0.204	0.22	-	-7.8	20	92	0
Trichlorofluoromethane	0.444	0.437	-	1.6	20	81	0
Ethyl ether	0.139	0.137	-	1.4	20	87	0
1,1-Dichloroethene	0.254	0.257	-	-1.2	20	88	0
Carbon disulfide	0.691	0.739	-	-6.9	20	93	0
Methylene chloride	0.291	0.317	-	-8.9	20	98	0
Acetone	0.047	0.058	-	-23.4*	20	111	0
trans-1,2-Dichloroethene	0.264	0.287	-	-8.7	20	96	0
Methyl tert-butyl ether	0.709	0.649	-	8.5	20	84	0
1,1-Dichloroethane	0.428	0.406	-	5.1	20	81	0
Acrylonitrile	0.053	0.048	-	9.4	20	84	0
Vinyl acetate	0.452	0.368	-	18.6	20	77	0
cis-1,2-Dichloroethene	0.246	0.223	-	9.3	20	80	0
2,2-Dichloropropane	0.365	0.281	-	23*	20	67	0
Bromochloromethane	0.117	0.124	-	-6	20	94	0
Chloroform	0.408	0.379	-	7.1	20	82	0
Carbon tetrachloride	0.327	0.27	-	17.4	20	69	0
Dibromofluoromethane	0.278	0.295	-	-6.1	20	92	0
1,1,1-Trichloroethane	0.36	0.313	-	13.1	20	75	0
2-Butanone	0.057	0.051	-	10.5	20	89	0
1,1-Dichloropropene	0.289	0.226	-	21.8*	20	67	0
Benzene	0.899	0.804	-	10.6	20	79	0
1,2-Dichloroethane-d4	0.306	0.304	-	0.7	20	86	0
1,2-Dichloroethane	0.293	0.273	-	6.8	20	82	0
Trichloroethene	0.23	0.216	-	6.1	20	82	0
Dibromomethane	0.13	0.118	-	9.2	20	83	0
1,2-Dichloropropane	0.227	0.201	-	11.5	20	79	0
Bromodichloromethane	0.314	0.274*	-	12.7	20	79	0
1,4-Dioxane	0.00062	0.00042*	-	32.3*	20	58	0
cis-1,3-Dichloropropene	0.352	0.278*	-	21*	20	71	0
Chlorobenzene-d5	1	1	-	0	20	84	0
Toluene-d8	1.338	1.376	-	-2.8	20	85	0
Toluene	0.75	0.708	-	5.6	20	79	0
4-Methyl-2-pentanone	0.062	0.041	-	33.9*	20	59	0
Tetrachloroethene	0.329	0.329	-	0	20	82	0
trans-1,3-Dichloropropene	0.388	0.32	-	17.5	20	72	0
Ethyl methacrylate	0.27	0.169	-	37.4*	20	54	0
1,1,2-Trichloroethane	0.191	0.185*	-	3.1	20	84	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2511919		
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504		
Instrument ID	: QUIMBY	**Calibration Date**	: 03/07/25 16:36		
Lab File ID	: VQ250307P01	**Init. Calib. Date(s)**	: 02/11/25	02/11/25	
Sample No	: WG2038492-2	**Init. Calib. Times**	: 07:14	09:54	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Chlorodibromomethane	0.293	0.269	-	8.2	20	82	0
1,3-Dichloropropane	0.401	0.36	-	10.2	20	77	0
1,2-Dibromoethane	0.219	0.208	-	5	20	82	0
2-Hexanone	0.11	0.071	-	35.5*	20	57	0
Chlorobenzene	0.843	0.815	-	3.3	20	82	0
Ethylbenzene	1.46	1.26	-	13.7	20	72	0
1,1,1,2-Tetrachloroethane	0.307	0.295	-	3.9	20	85	0
p/m Xylene	0.591	0.534	-	9.6	20	77	0
o Xylene	0.579	0.518	-	10.5	20	76	0
Styrene	0.968	0.893	-	7.7	20	80	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	90	0
Bromoform	0.299	0.253	-	15.4	20	86	0
Isopropylbenzene	2.379	1.909	-	19.8	20	71	0
4-Bromofluorobenzene	0.811	0.687	-	15.3	20	76	0
Bromobenzene	0.606	0.576	-	5	20	87	0
n-Propylbenzene	2.823	2.296	-	18.7	20	73	0
1,4-Dichlorobutane	0.611	0.493	-	19.3	20	78	0
1,1,2,2-Tetrachloroethane	0.419	0.374	-	10.7	20	83	0
4-Ethyltoluene	2.414	1.989	-	17.6	20	75	0
2-Chlorotoluene	2.005	1.707	-	14.9	20	79	0
1,3,5-Trimethylbenzene	2.028	1.683	-	17	20	76	0
1,2,3-Trichloropropane	0.345	0.293	-	15.1	20	80	0
trans-1,4-Dichloro-2-buten	0.128	0.1	-	21.9*	20	78	0
4-Chlorotoluene	1.774	1.504	-	15.2	20	78	0
tert-Butylbenzene	1.741	1.416	-	18.7	20	72	.01
1,2,4-Trimethylbenzene	1.985	1.67	-	15.9	20	79	0
sec-Butylbenzene	2.479	2.068	-	16.6	20	73	0
p-Isopropyltoluene	2.187	1.754	-	19.8	20	72	0
1,3-Dichlorobenzene	1.219	1.203	-	1.3	20	92	0
1,4-Dichlorobenzene	1.219	1.205	-	1.1	20	91	0
p-Diethylbenzene	1.267	0.981	-	22.6*	20	72	0
n-Butylbenzene	1.779	1.464	-	17.7	20	74	0
1,2-Dichlorobenzene	1.14	1.113	-	2.4	20	90	0
1,2,4,5-Tetramethylbenzene	2.007	1.542	-	23.2*	20	75	0
1,2-Dibromo-3-chloropropan	0.069	0.055	-	20.3*	20	76	0
Hexachlorobutadiene	0.299	0.282	-	5.7	20	86	0
1,2,4-Trichlorobenzene	0.809	0.735	-	9.1	20	88	0
Naphthalene	1.612	1.287	-	20.2*	20	75	0
1,2,3-Trichlorobenzene	0.747	0.72	-	3.6	20	89	0

*** Value outside of QC limits.**

Evaluate Continuing Calibration Report

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P01.D
Acq On : 7 Mar 2025 4:36 pm
Operator : QUIMBY:RAW
Sample : WG2038492-2,31,10,10
Misc : WG2038492,ICAL21979
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 07 19:30:14 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	87	0.00
2	TP	Dichlorodifluoromethane	0.322	0.248	23.0#	64	0.00
3	TP	Chloromethane	0.289	0.281	2.8	84	0.00
4	TP	Vinyl chloride	0.311	0.318	-2.3	84	0.00
5	TP	Bromomethane	0.222	0.233	-5.0	95	0.00
6	TP	Chloroethane	0.204	0.220	-7.8	92	0.00
7	TP	Trichlorofluoromethane	0.444	0.437	1.6	81	0.00
8	TP	Ethyl ether	0.139	0.137	1.4	87	0.00
10	TP	1,1-Dichloroethene	0.254	0.257	-1.2	88	0.00
11	TP	Carbon disulfide	0.691	0.739	-6.9	93	0.00
15	TP	Methylene chloride	0.291	0.317	-8.9	98	0.00
17	TP	Acetone	0.047	0.058	-23.4#	111	0.00
18	TP	trans-1,2-Dichloroethene	0.264	0.287	-8.7	96	0.00
21	TP	Methyl tert-butyl ether	0.709	0.649	8.5	84	0.00
25	TP	1,1-Dichloroethane	0.428	0.406	5.1	81	0.00
27	TP	Acrylonitrile	0.053	0.048	9.4	84	0.00
29	TP	Vinyl acetate	0.452	0.368	18.6	77	0.00
30	TP	cis-1,2-Dichloroethene	0.246	0.223	9.3	80	0.00
31	TP	2,2-Dichloropropane	0.365	0.281	23.0#	67	0.00
33	TP	Bromochloromethane	0.117	0.124	-6.0	94	0.00
35	TP	Chloroform	0.408	0.379	7.1	82	0.00
37	TP	Carbon tetrachloride	0.327	0.270	17.4	69	0.00
39	S	Dibromofluoromethane	0.278	0.295	-6.1	92	0.00
40	TP	1,1,1-Trichloroethane	0.360	0.313	13.1	75	0.00
42	TP	2-Butanone	0.057	0.051	10.5	89	0.00
43	TP	1,1-Dichloropropene	0.289	0.226	21.8#	67	0.00
45	TP	Benzene	0.899	0.804	10.6	79	0.00
47	S	1,2-Dichloroethane-d4	0.306	0.304	0.7	86	0.00
48	T	1,2-Dichloroethane	0.293	0.273	6.8	82	0.00
52	TP	Trichloroethene	0.230	0.216	6.1	82	0.00
54	TP	Dibromomethane	0.130	0.118	9.2	83	0.00
55	TP	1,2-Dichloropropane	0.227	0.201	11.5	79	0.00
58	TP	Bromodichloromethane	0.314	0.274#	12.7	79	0.00
61	TP	1,4-Dioxane	0.00062	0.00042#	32.3#	58	0.00
62	TP	cis-1,3-Dichloropropene	0.352	0.278#	21.0#	71	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64	S	Toluene-d8	1.338	1.376	-2.8	85	0.00
65	TP	Toluene	0.750	0.708	5.6	79	0.00

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P01.D
Acq On : 7 Mar 2025 4:36 pm
Operator : QUIMBY:RAW
Sample : WG2038492-2,31,10,10
Misc : WG2038492,ICAL21979
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 07 19:30:14 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
66	TP	4-Methyl-2-pentanone	0.062	0.041	33.9#	59	0.00
67	TP	Tetrachloroethene	0.329	0.329	0.0	82	0.00
69	TP	trans-1,3-Dichloropropene	0.388	0.320	17.5	72	0.00
71	TP	Ethyl methacrylate	0.270	0.169	37.4#	54	0.00
72	TP	1,1,2-Trichloroethane	0.191	0.185#	3.1	84	0.00
73	TP	Chlorodibromomethane	0.293	0.269	8.2	82	0.00
74	TP	1,3-Dichloropropane	0.401	0.360	10.2	77	0.00
75	TP	1,2-Dibromoethane	0.219	0.208	5.0	82	0.00
77	TP	2-Hexanone	0.110	0.071	35.5#	57	0.00
78	TP	Chlorobenzene	0.843	0.815	3.3	82	0.00
79	TP	Ethylbenzene	1.460	1.260	13.7	72	0.00
80	TP	1,1,1,2-Tetrachloroethane	0.307	0.295	3.9	85	0.00
81	TP	p/m Xylene	0.591	0.534	9.6	77	0.00
82	TP	o Xylene	0.579	0.518	10.5	76	0.00
83	TP	Styrene	0.968	0.893	7.7	80	0.00
84	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
85	TP	Bromoform	0.299	0.253	15.4	86	0.00
87	TP	Isopropylbenzene	2.379	1.909	19.8	71	0.00
88	S	4-Bromofluorobenzene	0.811	0.687	15.3	76	0.00
89	TP	Bromobenzene	0.606	0.576	5.0	87	0.00
90	TP	n-Propylbenzene	2.823	2.296	18.7	73	0.00
91	TP	1,4-Dichlorobutane	0.611	0.493	19.3	78	0.00
92	TP	1,1,2,2-Tetrachloroethane	0.419	0.374	10.7	83	0.00
93	TP	4-Ethyltoluene	2.414	1.989	17.6	75	0.00
94	TP	2-Chlorotoluene	2.005	1.707	14.9	79	0.00
95	TP	1,3,5-Trimethylbenzene	2.028	1.683	17.0	76	0.00
96	TP	1,2,3-Trichloropropane	0.345	0.293	15.1	80	0.00
97	TP	trans-1,4-Dichloro-2-butene	0.128	0.100	21.9#	78	0.00
98	TP	4-Chlorotoluene	1.774	1.504	15.2	78	0.00
99	TP	tert-Butylbenzene	1.741	1.416	18.7	72	0.01
102	TP	1,2,4-Trimethylbenzene	1.985	1.670	15.9	79	0.00
103	TP	sec-Butylbenzene	2.479	2.068	16.6	73	0.00
104	TP	p-Isopropyltoluene	2.187	1.754	19.8	72	0.00
105	TP	1,3-Dichlorobenzene	1.219	1.203	1.3	92	0.00
106	TP	1,4-Dichlorobenzene	1.219	1.205	1.1	91	0.00
107	TP	p-Diethylbenzene	1.267	0.981	22.6#	72	0.00
108	TP	n-Butylbenzene	1.779	1.464	17.7	74	0.00
109	TP	1,2-Dichlorobenzene	1.140	1.113	2.4	90	0.00

Evaluate Continuing Calibration Report

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P01.D
Acq On : 7 Mar 2025 4:36 pm
Operator : QUIMBY:RAW
Sample : WG2038492-2,31,10,10
Misc : WG2038492,ICAL21979
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 07 19:30:14 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
110 TP	1,2,4,5-Tetramethylbenzene	2.007	1.542	23.2#	75	0.00
111 TP	1,2-Dibromo-3-chloropropane	0.069	0.055	20.3#	76	0.00
113 TP	Hexachlorobutadiene	0.299	0.282	5.7	86	0.00
114 TP	1,2,4-Trichlorobenzene	0.809	0.735	9.1	88	0.00
115 TP	Naphthalene	1.612	1.287	20.2#	75	0.00
116 TP	1,2,3-Trichlorobenzene	0.747	0.720	3.6	89	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 4 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P01.D
Acq On : 7 Mar 2025 4:36 pm
Operator : QUIMBY:RAW
Sample : WG2038492-2,31,10,10
Misc : WG2038492,ICAL21979
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 07 19:30:14 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.091	96	312587	10.000 ug/L	0.00
Standard Area 1 = 312587			Recovery = 100.00%		
63) Chlorobenzene-d5	8.532	117	224444	10.000 ug/L	0.00
Standard Area 1 = 224444			Recovery = 100.00%		
84) 1,4-Dichlorobenzene-d4	11.419	152	146218	10.000 ug/L	0.00
Standard Area 1 = 146218			Recovery = 100.00%		
System Monitoring Compounds					
39) Dibromofluoromethane	4.327	113	92074	10.586 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.86%		
47) 1,2-Dichloroethane-d4	4.814	65	95110	9.957 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.57%		
64) Toluene-d8	6.733	98	308939	10.285 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.85%		
88) 4-Bromofluorobenzene	10.101	95	100413	8.465 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 84.65%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.247	85	77432M1	7.683 ug/L	
3) Chloromethane	1.414	50	87925	9.732 ug/L	97
4) Vinyl chloride	1.440	62	99513	10.232 ug/L	91
5) Bromomethane	1.681	94	72954	10.523 ug/L	100
6) Chloroethane	1.775	64	68908	10.811 ug/L	98
7) Trichlorofluoromethane	1.879	101	136532	9.836 ug/L	100
8) Ethyl ether	2.131	74	42824	9.871 ug/L	94
10) 1,1-Dichloroethene	2.282	96	80374	10.128 ug/L	91
11) Carbon disulfide	2.303	76	231067	10.704 ug/L	99
15) Methylene chloride	2.763	84	99194	10.923 ug/L	96
17) Acetone	2.805	43	18141	12.259 ug/L	96
18) trans-1,2-Dichloroethene	2.899	96	89805	10.865 ug/L	96
21) Methyl tert-butyl ether	2.999	73	202993	9.155 ug/L	91
25) 1,1-Dichloroethane	3.422	63	126779	9.485 ug/L	99
27) Acrylonitrile	3.464	53	15069	9.089 ug/L	97
29) Vinyl acetate	3.658	43	114937	8.143 ug/L	97
30) cis-1,2-Dichloroethene	3.904	96	69682	9.071 ug/L	90
31) 2,2-Dichloropropane	3.993	77	87683	7.686 ug/L	93
33) Bromochloromethane	4.081	128	38629	10.539 ug/L	88
35) Chloroform	4.160	83	118469	9.287 ug/L	98
37) Carbon tetrachloride	4.275	117	84450	8.267 ug/L	97

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P01.D
Acq On : 7 Mar 2025 4:36 pm
Operator : QUIMBY:RAW
Sample : WG2038492-2,31,10,10
Misc : WG2038492,ICAL21979
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 07 19:30:14 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) 1,1,1-Trichloroethane	4.332	97	97751	8.690	ug/L		98
42) 2-Butanone	4.442	43	15952	9.021	ug/L		92
43) 1,1-Dichloropropene	4.453	75	70717	7.829	ug/L		94
45) Benzene	4.683	78	251315	8.942	ug/L		98
48) 1,2-Dichloroethane	4.882	62	85234	9.321	ug/L		99
52) Trichloroethene	5.263	95	67408	9.387	ug/L		95
54) Dibromomethane	5.682	93	36930	9.081	ug/L	#	88
55) 1,2-Dichloropropane	5.781	63	62721	8.825	ug/L		97
58) Bromodichloromethane	5.865	83	85612	8.723	ug/L		99
61) 1,4-Dioxane	6.074	88	6634	341.732	ug/L		96
62) cis-1,3-Dichloropropene	6.534	75	86833	7.895	ug/L		94
65) Toluene	6.791	92	158859	9.440	ug/L		100
66) 4-Methyl-2-pentanone	7.235	58	9211	6.625	ug/L		97
67) Tetrachloroethene	7.225	166	73932	10.022	ug/L		92
69) trans-1,3-Dichloropropene	7.277	75	71835	8.256	ug/L		97
71) Ethyl methacrylate	7.497	69	37911	6.255	ug/L	#	76
72) 1,1,2-Trichloroethane	7.455	83	41418	9.681	ug/L		98
73) Chlorodibromomethane	7.648	129	60457	9.198	ug/L		99
74) 1,3-Dichloropropane	7.758	76	80773	8.964	ug/L		99
75) 1,2-Dibromoethane	7.899	107	46593	9.464	ug/L		99
77) 2-Hexanone	8.229	43	16012	6.458	ug/L		97
78) Chlorobenzene	8.553	112	182959	9.668	ug/L		92
79) Ethylbenzene	8.611	91	282747	8.627	ug/L		96
80) 1,1,1,2-Tetrachloroethane	8.647	131	66192	9.600	ug/L		99
81) p/m Xylene	8.799	106	239775	18.091	ug/L		91
82) o Xylene	9.338	106	232371	17.877	ug/L		89
83) Styrene	9.406	104	400959	18.449	ug/L		88
85) Bromoform	9.411	173	37052	8.474	ug/L		98
87) Isopropylbenzene	9.756	105	279089	8.023	ug/L		97
89) Bromobenzene	10.211	156	84202	9.510	ug/L		99
90) n-Propylbenzene	10.300	91	335686	8.133	ug/L		97
91) 1,4-Dichlorobutane	10.300	55	72021	8.067	ug/L		96
92) 1,1,2,2-Tetrachloroethane	10.405	83	54754	8.936	ug/L		99
93) 4-Ethyltoluene	10.447	105	290825	8.239	ug/L		97
94) 2-Chlorotoluene	10.457	91	249626	8.513	ug/L		92
95) 1,3,5-Trimethylbenzene	10.562	105	246050	8.298	ug/L		95
96) 1,2,3-Trichloropropane	10.530	75	42781	8.482	ug/L		92
97) trans-1,4-Dichloro-2-b...	10.609	53	14591	7.781	ug/L		82
98) 4-Chlorotoluene	10.666	91	219890	8.479	ug/L		92
99) tert-Butylbenzene	10.923	119	206992	8.133	ug/L		92

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P01.D
Acq On : 7 Mar 2025 4:36 pm
Operator : QUIMBY:RAW
Sample : WG2038492-2,31,10,10
Misc : WG2038492,ICAL21979
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 07 19:30:14 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102) 1,2,4-Trimethylbenzene	11.006	105	244249	8.415	ug/L	96
103) sec-Butylbenzene	11.127	105	302440	8.344	ug/L	98
104) p-Isopropyltoluene	11.304	119	256405	8.019	ug/L	96
105) 1,3-Dichlorobenzene	11.336	146	175835	9.867	ug/L	96
106) 1,4-Dichlorobenzene	11.435	146	176158	9.885	ug/L	97
107) p-Diethylbenzene	11.697	119	143487	7.743	ug/L	99
108) n-Butylbenzene	11.754	91	214034	8.230	ug/L	98
109) 1,2-Dichlorobenzene	11.874	146	162681	9.764	ug/L	97
110) 1,2,4,5-Tetramethylben...	12.523	119	225511	7.684	ug/L	98
111) 1,2-Dibromo-3-chloropr...	12.685	155	8027	8.006	ug/L	94
113) Hexachlorobutadiene	13.334	225	41233	9.445	ug/L	99
114) 1,2,4-Trichlorobenzene	13.339	180	107483	9.088	ug/L	97
115) Naphthalene	13.632	128	188187	7.983	ug/L	100
116) 1,2,3-Trichlorobenzene	13.799	180	105334	9.643	ug/L	97

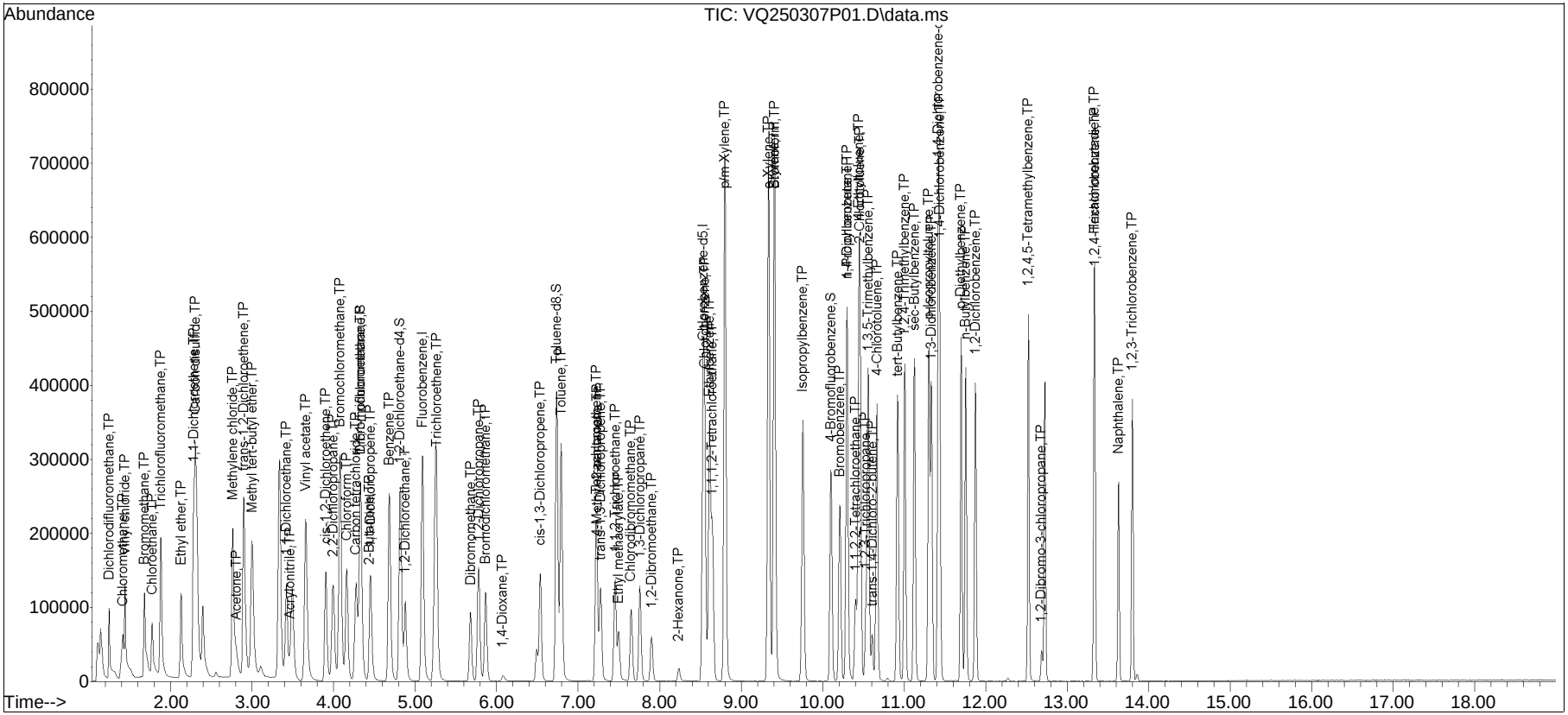
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P01.D
Acq On : 7 Mar 2025 4:36 pm
Operator : QUIMBY:RAW
Sample : WG2038492-2,31,10,10
Misc : WG2038492,ICAL21979
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 07 19:30:14 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

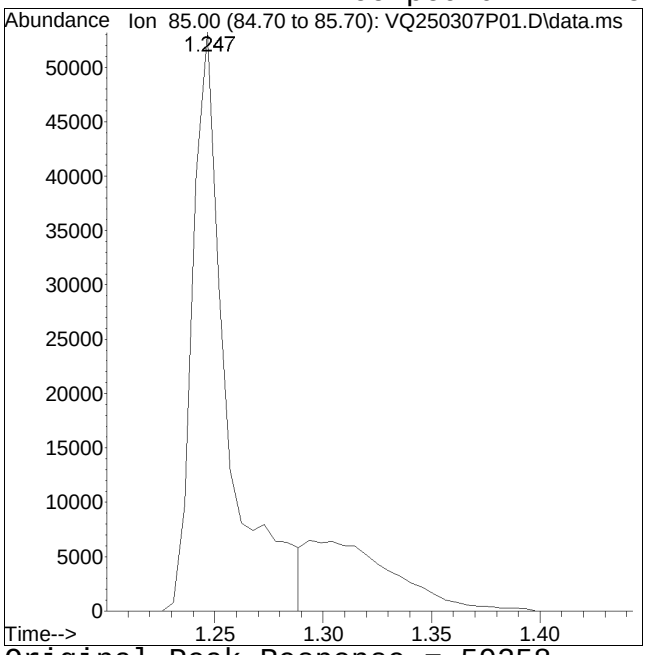
Sub List : 8260-NYTCL - Megamix plus Diox50307P01.D•



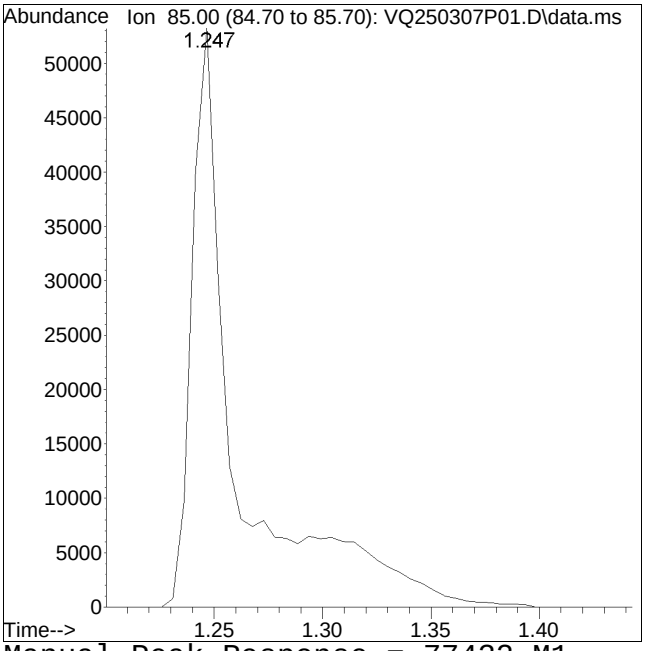
Manual Integration Report

Data Path	: K:\Quimby\2025\250307P\	QMethod	: VQ_250211_8260.m
Data File	: VQ250307P01.D	Operator	: QUIMBY:RAW
Date Inj'd	: 3/7/2025 4:36 pm	Instrument	: Quimby
Sample	: WG2038492-2,31,10,10	Quant Date	: 3/7/2025 6:27 pm

Compound #2: Dichlorodifluoromethane



Original Peak Response = 59258



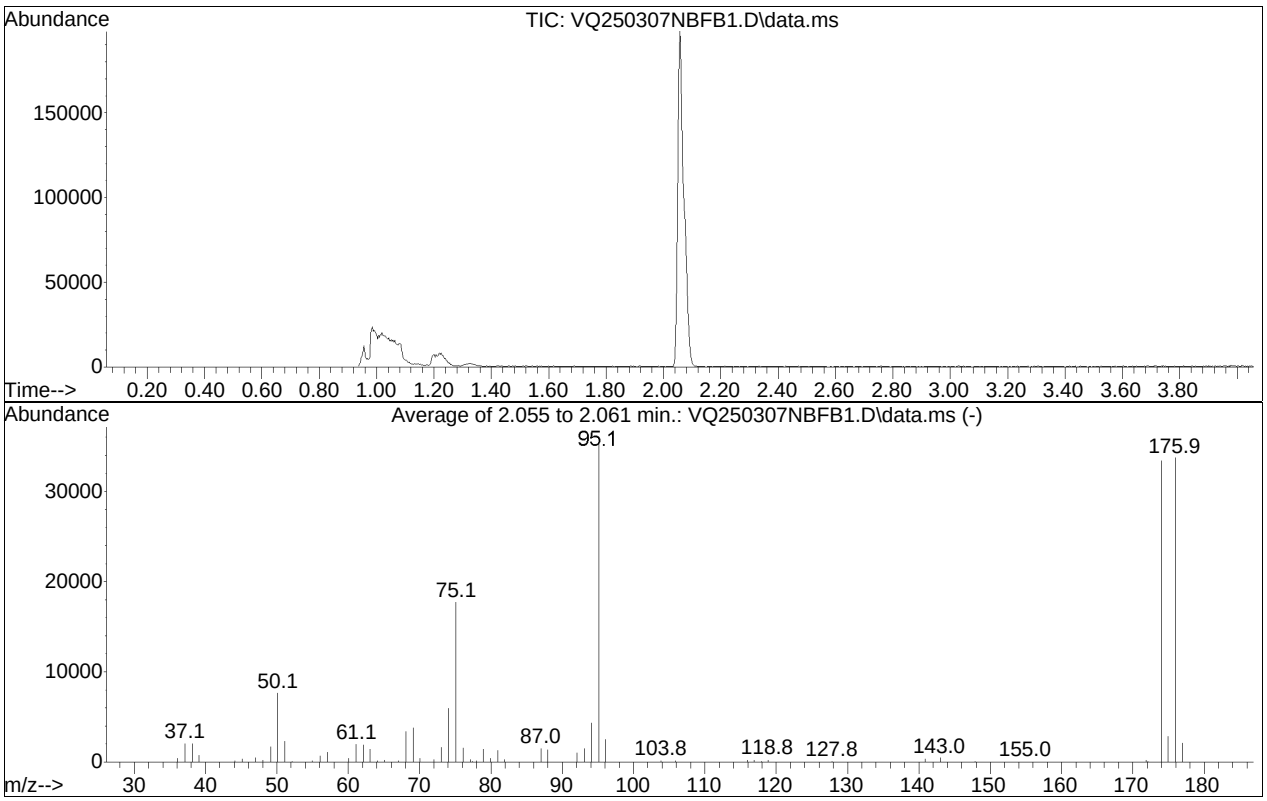
Manual Peak Response = 77432 M1

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

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307NBFB1.D
Acq On : 7 Mar 2025 4:16 pm
Operator : QUIMBY:RAW
Sample : WG2038492-1
Misc : WG2038492
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Feb 19 09:20:03 2025



AutoFind: Scans 374, 375, 376; Background Corrected with Scan 365

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.5	7629	PASS
75	95	30	60	50.1	17739	PASS
95	95	100	100	100.0	35411	PASS
96	95	5	9	7.2	2552	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	94.5	33453	PASS
175	174	5	9	8.5	2830	PASS
176	174	95	101	100.9	33747	PASS
177	176	5	9	6.2	2103	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P05.D
Acq On : 7 Mar 2025 6:08 pm
Operator : QUIMBY:RAW
Sample : WG2038492-5,31,10,10
Misc : WG2038492,ICAL21979
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 07 19:38:13 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.091	96	305182	10.000 ug/L	0.00
Standard Area 1 = 312587			Recovery = 97.63%		
63) Chlorobenzene-d5	8.532	117	232161	10.000 ug/L	0.00
Standard Area 1 = 224444			Recovery = 103.44%		
84) 1,4-Dichlorobenzene-d4	11.420	152	133226	10.000 ug/L	0.00
Standard Area 1 = 146218			Recovery = 91.11%		
System Monitoring Compounds					
39) Dibromofluoromethane	4.327	113	93464	11.007 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.07%		
47) 1,2-Dichloroethane-d4	4.814	65	97409	10.445 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.45%		
64) Toluene-d8	6.738	98	301171	9.693 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.93%		
88) 4-Bromofluorobenzene	10.102	95	94113	8.708 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 87.08%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.105	85	273	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.670	94	69	N.D.	
6) Chloroethane	1.948	64	50	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.303	76	838	N.D.	
15) Methylene chloride	2.763	84	358	N.D.	
17) Acetone	2.805	43	928	0.642 ug/L #	73
18) trans-1,2-Dichloroethene	2.889	96	126	N.D.	
21) Methyl tert-butyl ether	0.000		0	N.D.	
25) 1,1-Dichloroethane	0.000		0	N.D.	
27) Acrylonitrile	3.339	53	53	N.D.	
29) Vinyl acetate	3.653	43	194	N.D.	
30) cis-1,2-Dichloroethene	0.000		0	N.D.	
31) 2,2-Dichloropropane	0.000		0	N.D.	
33) Bromochloromethane	0.000		0	N.D.	
35) Chloroform	0.000		0	N.D.	

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P05.D
Acq On : 7 Mar 2025 6:08 pm
Operator : QUIMBY:RAW
Sample : WG2038492-5,31,10,10
Misc : WG2038492,ICAL21979
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 07 19:38:13 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Carbon tetrachloride	0.000		0	N.D.		
40) 1,1,1-Trichloroethane	0.000		0	N.D.		
42) 2-Butanone	4.463	43	761	0.441	ug/L #	47
43) 1,1-Dichloropropene	0.000		0	N.D.		
45) Benzene	0.000		0	N.D.		
48) 1,2-Dichloroethane	0.000		0	N.D.		
52) Trichloroethene	0.000		0	N.D.		
54) Dibromomethane	0.000		0	N.D.		
55) 1,2-Dichloropropane	0.000		0	N.D.		
58) Bromodichloromethane	0.000		0	N.D.		
61) 1,4-Dioxane	0.000		0	N.D.		
62) cis-1,3-Dichloropropene	0.000		0	N.D.		
65) Toluene	0.000		0	N.D.		
66) 4-Methyl-2-pentanone	0.000		0	N.D.		
67) Tetrachloroethene	0.000		0	N.D.		
69) trans-1,3-Dichloropropene	0.000		0	N.D.		
72) 1,1,2-Trichloroethane	0.000		0	N.D.		
73) Chlorodibromomethane	0.000		0	N.D.		
74) 1,3-Dichloropropane	0.000		0	N.D.		
75) 1,2-Dibromoethane	0.000		0	N.D.		
77) 2-Hexanone	0.000		0	N.D.		
78) Chlorobenzene	0.000		0	N.D.		
79) Ethylbenzene	8.621	91	148	N.D.		
80) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
81) p/m Xylene	0.000		0	N.D.		
82) o Xylene	0.000		0	N.D.		
83) Styrene	0.000		0	N.D.		
85) Bromoform	0.000		0	N.D.		
87) Isopropylbenzene	0.000		0	N.D.		
89) Bromobenzene	0.000		0	N.D.		
90) n-Propylbenzene	0.000		0	N.D.		
92) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
93) 4-Ethyltoluene	10.447	105	60	N.D.		
94) 2-Chlorotoluene	0.000		0	N.D.		
95) 1,3,5-Trimethylbenzene	10.447	105	60	N.D.		
96) 1,2,3-Trichloropropane	0.000		0	N.D.		
97) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
98) 4-Chlorotoluene	10.677	91	49	N.D.		
99) tert-Butylbenzene	0.000		0	N.D.		

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P05.D
Acq On : 7 Mar 2025 6:08 pm
Operator : QUIMBY:RAW
Sample : WG2038492-5,31,10,10
Misc : WG2038492,ICAL21979
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 07 19:38:13 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102)	1,2,4-Trimethylbenzene	11.116	105	58	N.D.		
103)	sec-Butylbenzene	11.116	105	58	N.D.		
104)	p-Isopropyltoluene	11.299	119	102	N.D.		
105)	1,3-Dichlorobenzene	11.336	146	108	N.D.		
106)	1,4-Dichlorobenzene	11.430	146	333	N.D.		
107)	p-Diethylbenzene	11.702	119	110	N.D.		
108)	n-Butylbenzene	11.754	91	382	N.D.		
109)	1,2-Dichlorobenzene	11.880	146	55	N.D.		
110)	1,2,4,5-Tetramethylben...	12.534	119	160	N.D.		
111)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
113)	Hexachlorobutadiene	0.000		0	N.D.		
114)	1,2,4-Trichlorobenzene	13.339	180	99	N.D.		
115)	Naphthalene	13.627	128	114	N.D.		
116)	1,2,3-Trichlorobenzene	13.799	180	128	N.D.		

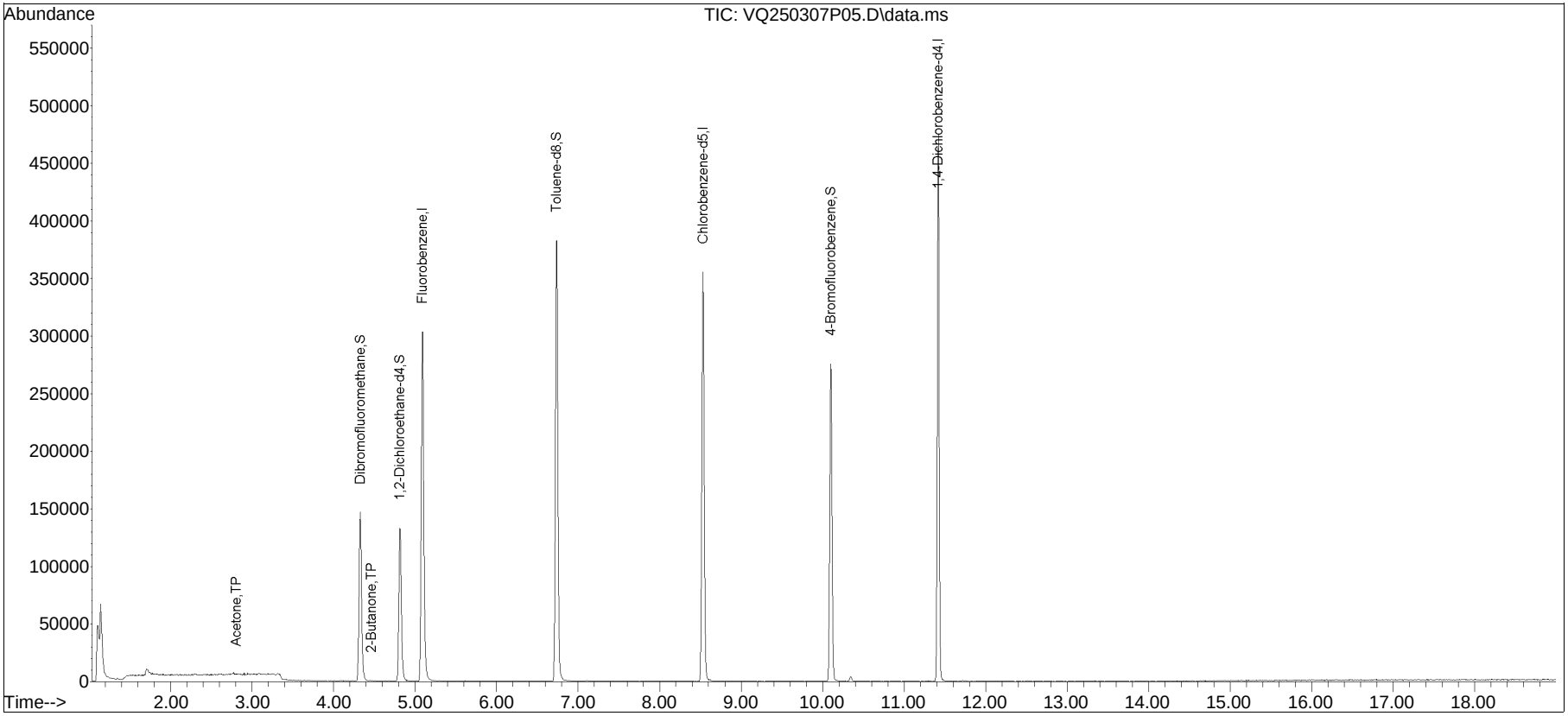
(#) = qualifier out of range (m) = manual integration (+) = signals summed

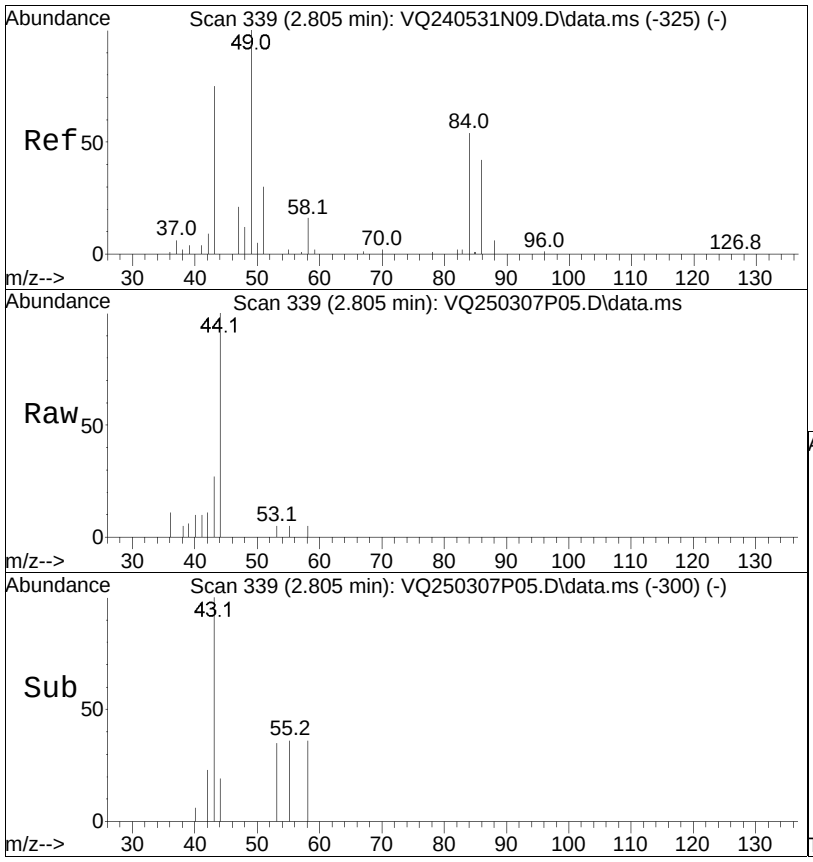
Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P05.D
Acq On : 7 Mar 2025 6:08 pm
Operator : QUIMBY:RAW
Sample : WG2038492-5,31,10,10
Misc : WG2038492,ICAL21979
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 07 19:38:13 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox50307P01.D•

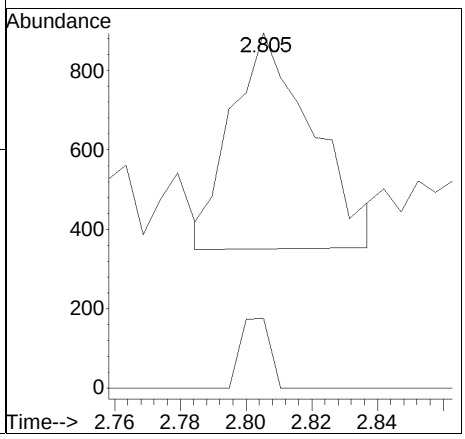


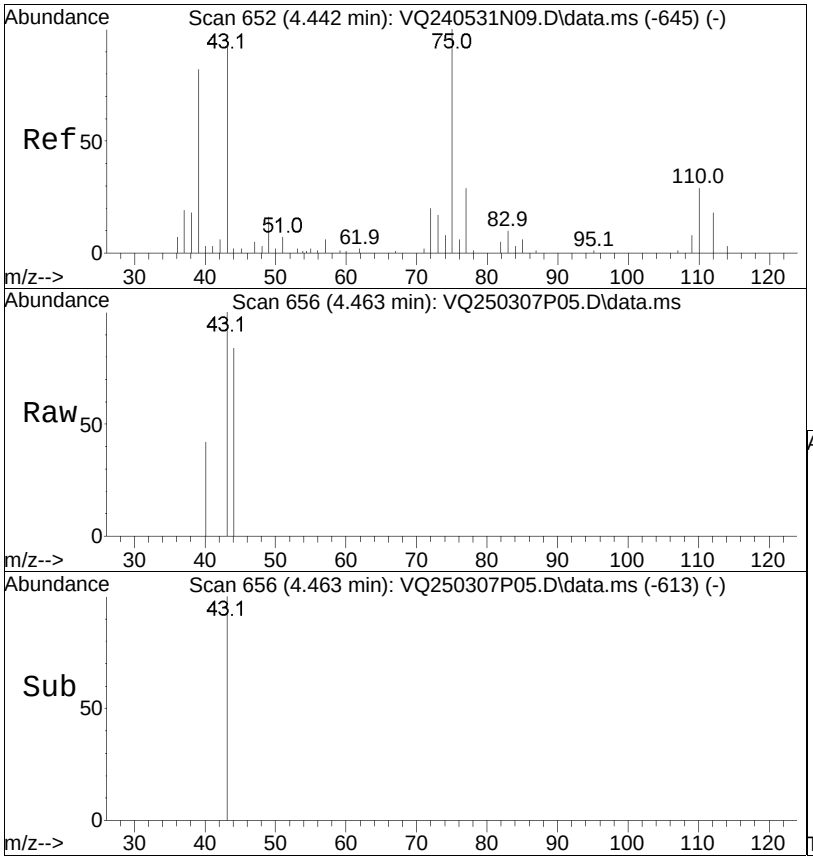


#17
Acetone
Concen: 0.64 ug/L
RT: 2.805 min Scan# 339
Delta R.T. 0.005 min
Lab File: VQ250307P05.D
Acq: 7 Mar 2025 6:08 pm

Tgt Ion: 43 Resp: 928

Ion	Ratio	Lower	Upper
43	100		
58	11.9	20.2	30.4#

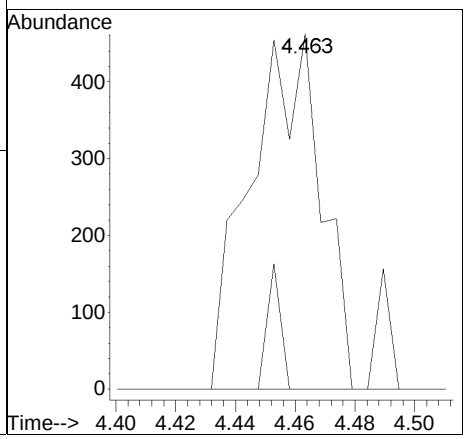




#42
2-Butanone
Concen: 0.44 ug/L
RT: 4.463 min Scan# 656
Delta R.T. 0.026 min
Lab File: VQ250307P05.D
Acq: 7 Mar 2025 6:08 pm

Tgt Ion: 43 Resp: 761

Ion	Ratio	Lower	Upper
43	100		
72	6.7	31.2	46.8#



Manual Integration Report

Data Path	: K:\Quimby\2025\250307P\	QMethod	: VQ_250211_8260.m
Data File	: VQ250307P05.D	Operator	: QUIMBY:RAW
Date Inj'd	: 3/7/2025 6:08 pm	Instrument	: Quimby
Sample	: WG2038492-5,31,10,10	Quant Date	: 3/7/2025 6:38 pm

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

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P01.D
Acq On : 7 Mar 2025 4:36 pm
Operator : QUIMBY:RAW
Sample : WG2038492-3,31,10,10
Misc : WG2038492,ICAL21979
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 07 19:30:14 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.091	96	312587	10.000 ug/L	0.00
Standard Area 1 = 312587			Recovery = 100.00%		
63) Chlorobenzene-d5	8.532	117	224444	10.000 ug/L	0.00
Standard Area 1 = 224444			Recovery = 100.00%		
84) 1,4-Dichlorobenzene-d4	11.419	152	146218	10.000 ug/L	0.00
Standard Area 1 = 146218			Recovery = 100.00%		
System Monitoring Compounds					
39) Dibromofluoromethane	4.327	113	92074	10.586 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.86%		
47) 1,2-Dichloroethane-d4	4.814	65	95110	9.957 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.57%		
64) Toluene-d8	6.733	98	308939	10.285 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.85%		
88) 4-Bromofluorobenzene	10.101	95	100413	8.465 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 84.65%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.247	85	77432M1	7.683 ug/L	
3) Chloromethane	1.414	50	87925	9.732 ug/L	97
4) Vinyl chloride	1.440	62	99513	10.232 ug/L	91
5) Bromomethane	1.681	94	72954	10.523 ug/L	100
6) Chloroethane	1.775	64	68908	10.811 ug/L	98
7) Trichlorofluoromethane	1.879	101	136532	9.836 ug/L	100
8) Ethyl ether	2.131	74	42824	9.871 ug/L	94
10) 1,1-Dichloroethene	2.282	96	80374	10.128 ug/L	91
11) Carbon disulfide	2.303	76	231067	10.704 ug/L	99
15) Methylene chloride	2.763	84	99194	10.923 ug/L	96
17) Acetone	2.805	43	18141	12.259 ug/L	96
18) trans-1,2-Dichloroethene	2.899	96	89805	10.865 ug/L	96
21) Methyl tert-butyl ether	2.999	73	202993	9.155 ug/L	91
25) 1,1-Dichloroethane	3.422	63	126779	9.485 ug/L	99
27) Acrylonitrile	3.464	53	15069	9.089 ug/L	97
29) Vinyl acetate	3.658	43	114937	8.143 ug/L	97
30) cis-1,2-Dichloroethene	3.904	96	69682	9.071 ug/L	90
31) 2,2-Dichloropropane	3.993	77	87683	7.686 ug/L	93
33) Bromochloromethane	4.081	128	38629	10.539 ug/L	88
35) Chloroform	4.160	83	118469	9.287 ug/L	98

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P01.D
Acq On : 7 Mar 2025 4:36 pm
Operator : QUIMBY:RAW
Sample : WG2038492-3,31,10,10
Misc : WG2038492,ICAL21979
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 07 19:30:14 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
37) Carbon tetrachloride	4.275	117	84450	8.267	ug/L		97
40) 1,1,1-Trichloroethane	4.332	97	97751	8.690	ug/L		98
42) 2-Butanone	4.442	43	15952	9.021	ug/L		92
43) 1,1-Dichloropropene	4.453	75	70717	7.829	ug/L		94
45) Benzene	4.683	78	251315	8.942	ug/L		98
48) 1,2-Dichloroethane	4.882	62	85234	9.321	ug/L		99
52) Trichloroethene	5.263	95	67408	9.387	ug/L		95
54) Dibromomethane	5.682	93	36930	9.081	ug/L	#	88
55) 1,2-Dichloropropane	5.781	63	62721	8.825	ug/L		97
58) Bromodichloromethane	5.865	83	85612	8.723	ug/L		99
61) 1,4-Dioxane	6.074	88	6634	341.732	ug/L		96
62) cis-1,3-Dichloropropene	6.534	75	86833	7.895	ug/L		94
65) Toluene	6.791	92	158859	9.440	ug/L		100
66) 4-Methyl-2-pentanone	7.235	58	9211	6.625	ug/L		97
67) Tetrachloroethene	7.225	166	73932	10.022	ug/L		92
69) trans-1,3-Dichloropropene	7.277	75	71835	8.256	ug/L		97
72) 1,1,2-Trichloroethane	7.455	83	41418	9.681	ug/L		98
73) Chlorodibromomethane	7.648	129	60457	9.198	ug/L		99
74) 1,3-Dichloropropane	7.758	76	80773	8.964	ug/L		99
75) 1,2-Dibromoethane	7.899	107	46593	9.464	ug/L		99
77) 2-Hexanone	8.229	43	16012	6.458	ug/L		97
78) Chlorobenzene	8.553	112	182959	9.668	ug/L		92
79) Ethylbenzene	8.611	91	282747	8.627	ug/L		96
80) 1,1,1,2-Tetrachloroethane	8.647	131	66192	9.600	ug/L		99
81) p/m Xylene	8.799	106	239775	18.091	ug/L		91
82) o Xylene	9.338	106	232371	17.877	ug/L		89
83) Styrene	9.406	104	400959	18.449	ug/L		88
85) Bromoform	9.411	173	37052	8.474	ug/L		98
87) Isopropylbenzene	9.756	105	279089	8.023	ug/L		97
89) Bromobenzene	10.211	156	84202	9.510	ug/L		99
90) n-Propylbenzene	10.300	91	335686	8.133	ug/L		97
92) 1,1,2,2-Tetrachloroethane	10.405	83	54754	8.936	ug/L		99
93) 4-Ethyltoluene	10.447	105	290825	8.239	ug/L		97
94) 2-Chlorotoluene	10.457	91	249626	8.513	ug/L		92
95) 1,3,5-Trimethylbenzene	10.562	105	246050	8.298	ug/L		95
96) 1,2,3-Trichloropropane	10.530	75	42781	8.482	ug/L		92
97) trans-1,4-Dichloro-2-b...	10.609	53	14591	7.781	ug/L		82
98) 4-Chlorotoluene	10.666	91	219890	8.479	ug/L		92
99) tert-Butylbenzene	10.923	119	206992	8.133	ug/L		92

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P01.D
Acq On : 7 Mar 2025 4:36 pm
Operator : QUIMBY:RAW
Sample : WG2038492-3,31,10,10
Misc : WG2038492,ICAL21979
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 07 19:30:14 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102) 1,2,4-Trimethylbenzene	11.006	105	244249	8.415	ug/L	96
103) sec-Butylbenzene	11.127	105	302440	8.344	ug/L	98
104) p-Isopropyltoluene	11.304	119	256405	8.019	ug/L	96
105) 1,3-Dichlorobenzene	11.336	146	175835	9.867	ug/L	96
106) 1,4-Dichlorobenzene	11.435	146	176158	9.885	ug/L	97
107) p-Diethylbenzene	11.697	119	143487	7.743	ug/L	99
108) n-Butylbenzene	11.754	91	214034	8.230	ug/L	98
109) 1,2-Dichlorobenzene	11.874	146	162681	9.764	ug/L	97
110) 1,2,4,5-Tetramethylben...	12.523	119	225511	7.684	ug/L	98
111) 1,2-Dibromo-3-chloropr...	12.685	155	8027	8.006	ug/L	94
113) Hexachlorobutadiene	13.334	225	41233	9.445	ug/L	99
114) 1,2,4-Trichlorobenzene	13.339	180	107483	9.088	ug/L	97
115) Naphthalene	13.632	128	188187	7.983	ug/L	100
116) 1,2,3-Trichlorobenzene	13.799	180	105334	9.643	ug/L	97

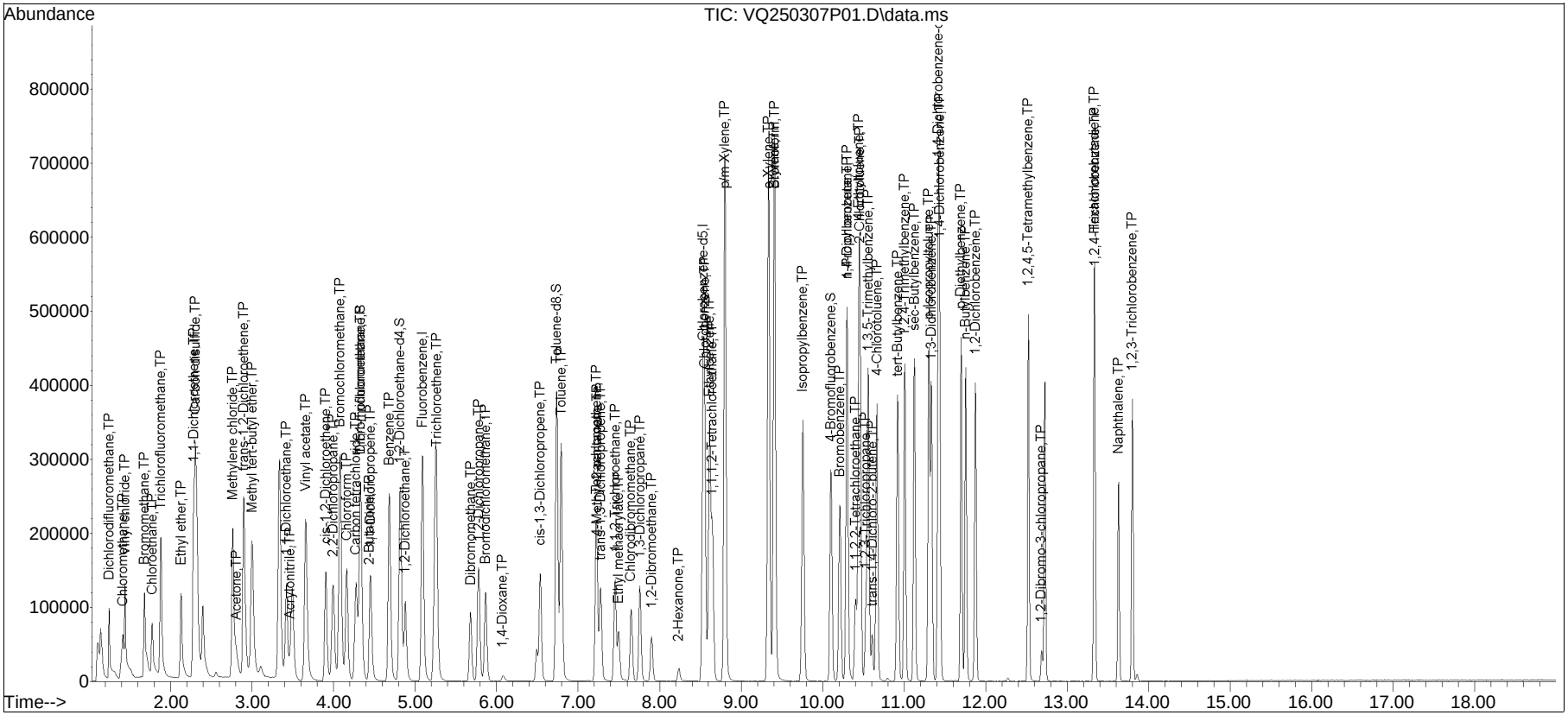
(#) = qualifier out of range (m) = manual integration (+) = signals summed

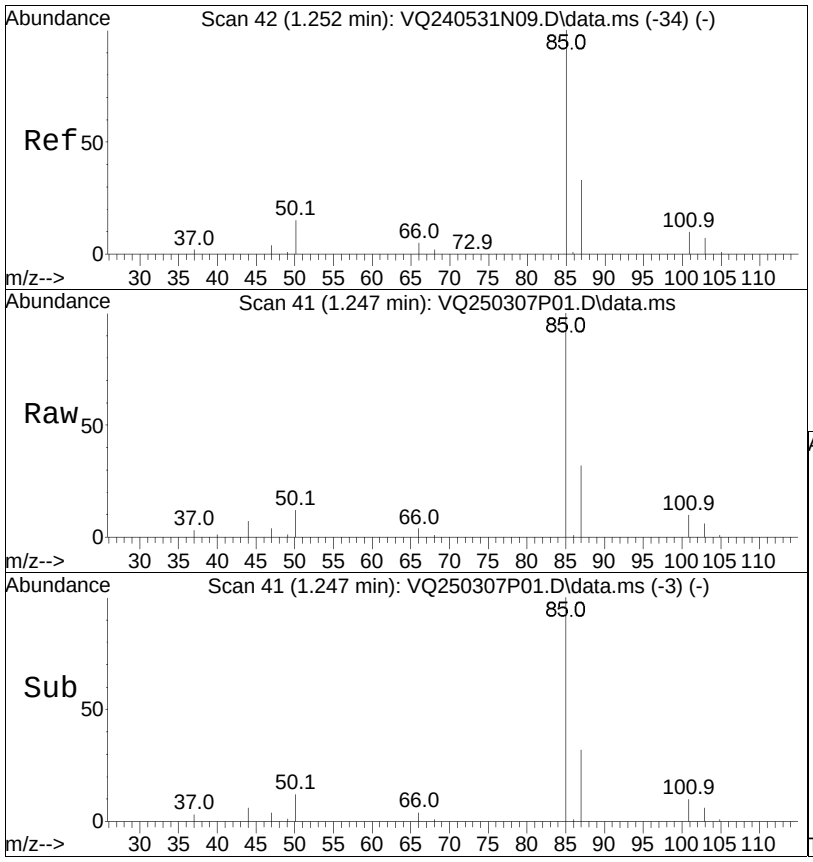
Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P01.D
Acq On : 7 Mar 2025 4:36 pm
Operator : QUIMBY:RAW
Sample : WG2038492-3,31,10,10
Misc : WG2038492,ICAL21979
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 07 19:30:14 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox50307P01.D•

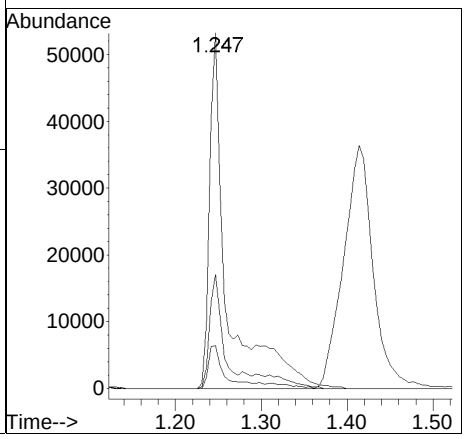


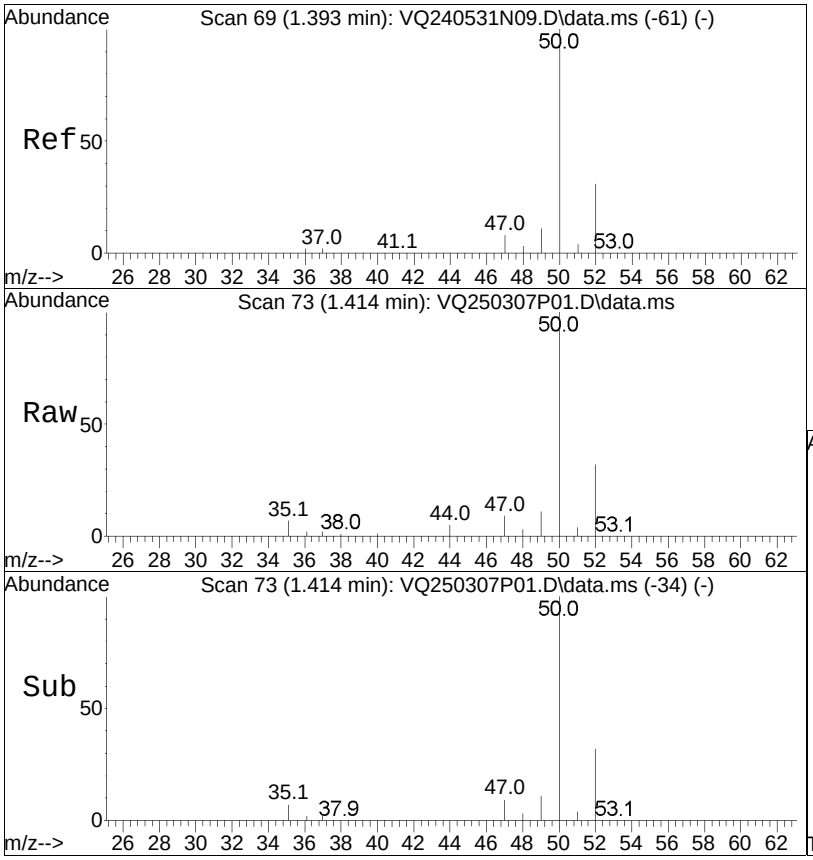


#2
Dichlorodifluoromethane
Concen: 7.68 ug/L M1
RT: 1.247 min Scan# 41
Delta R.T. 0.001 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 85 Resp: 77432

Ion	Ratio	Lower	Upper
85	100		
87	22.7	20.9	43.5
50	11.3	8.6	18.0

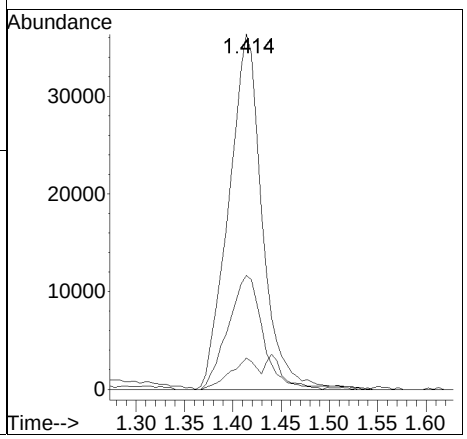


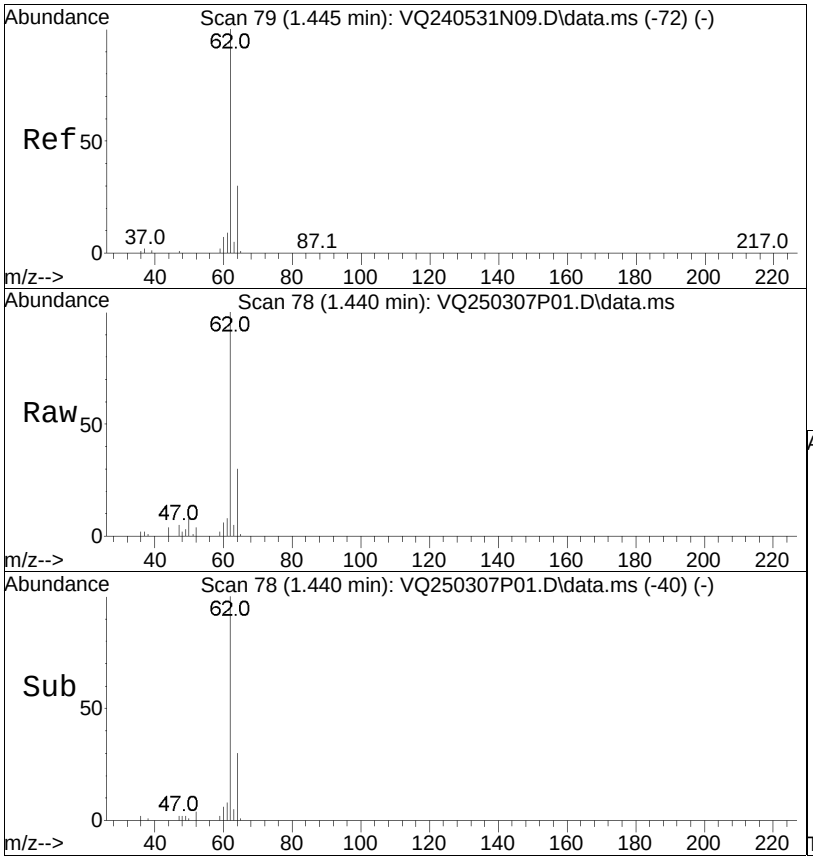


#3
Chloromethane
Concen: 9.73 ug/L
RT: 1.414 min Scan# 73
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 50 Resp: 87925

Ion	Ratio	Lower	Upper
50	100		
52	33.1	11.5	51.5
47	7.2	0.0	28.2

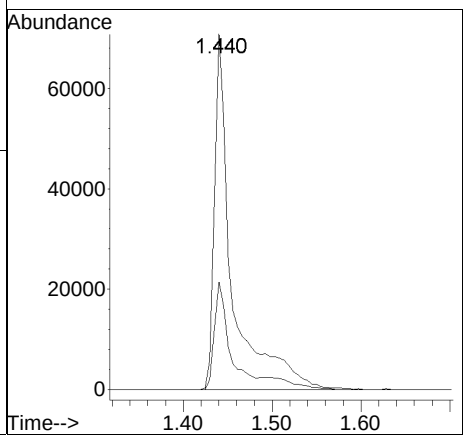


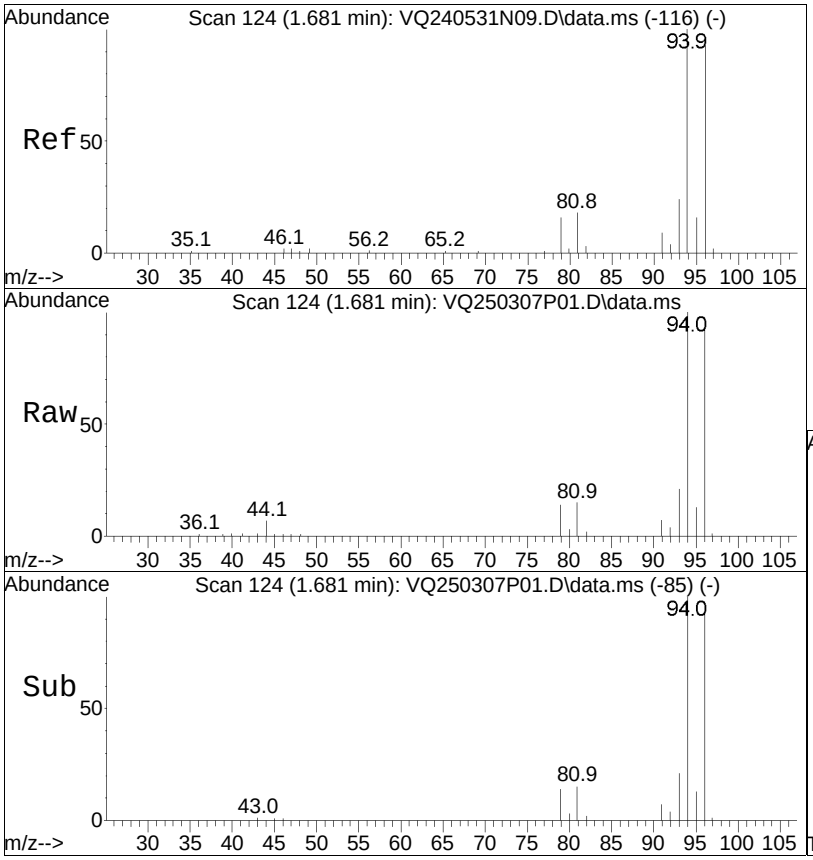


#4
Vinyl chloride
Concen: 10.23 ug/L
RT: 1.440 min Scan# 78
Delta R.T. 0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 62 Resp: 99513

Ion	Ratio	Lower	Upper
62	100		
64	27.2	12.4	52.4

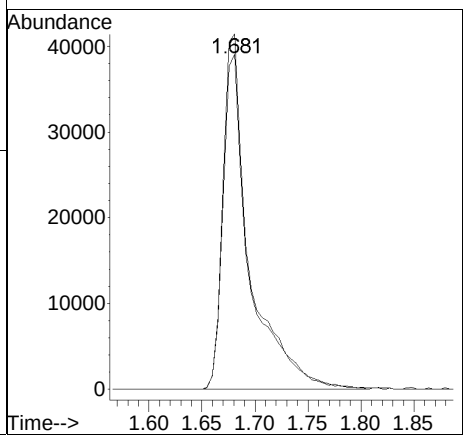


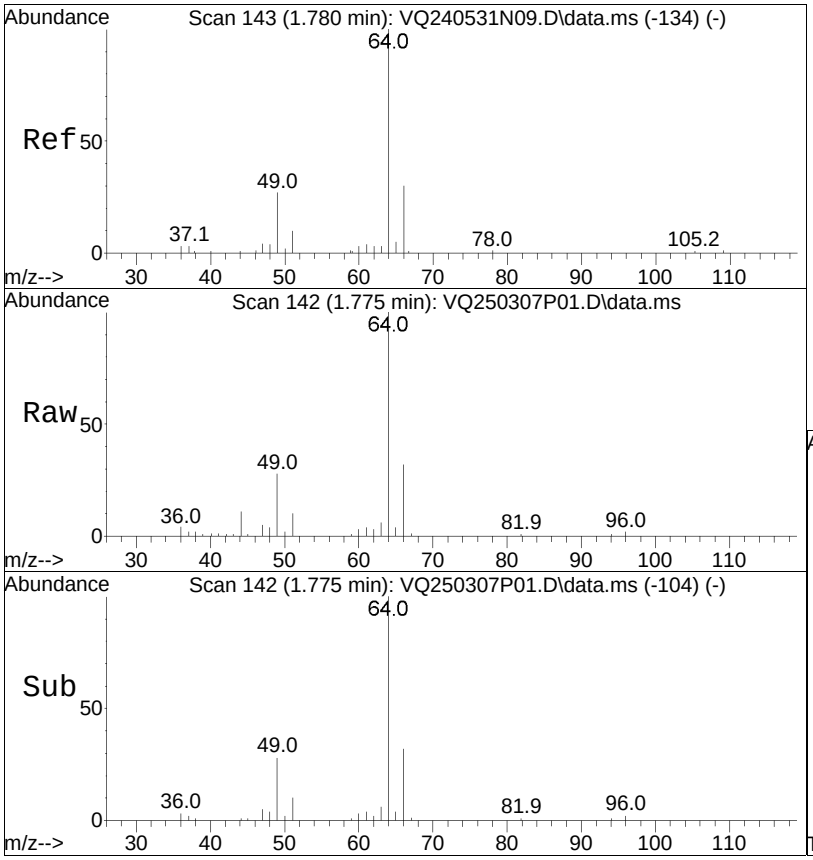


#5
Bromomethane
Concen: 10.52 ug/L
RT: 1.681 min Scan# 124
Delta R.T. 0.006 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 94 Resp: 72954

Ion	Ratio	Lower	Upper
94	100		
96	94.2	73.9	113.9

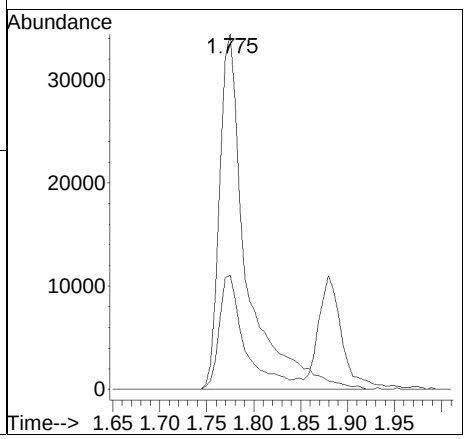


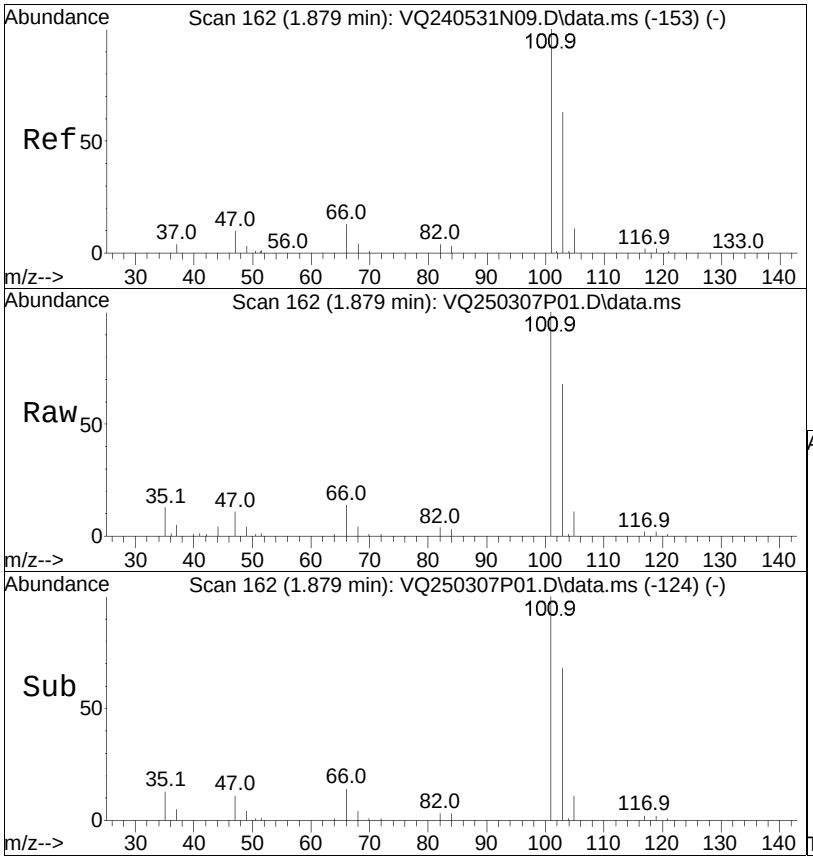


#6
Chloroethane
Concen: 10.81 ug/L
RT: 1.775 min Scan# 142
Delta R.T. -0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 64 Resp: 68908

Ion	Ratio	Lower	Upper
64	100		
66	30.9	9.7	49.7

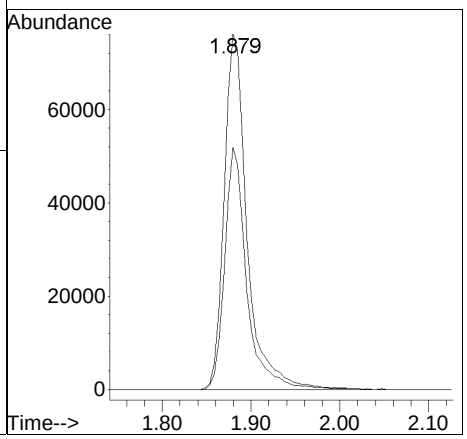


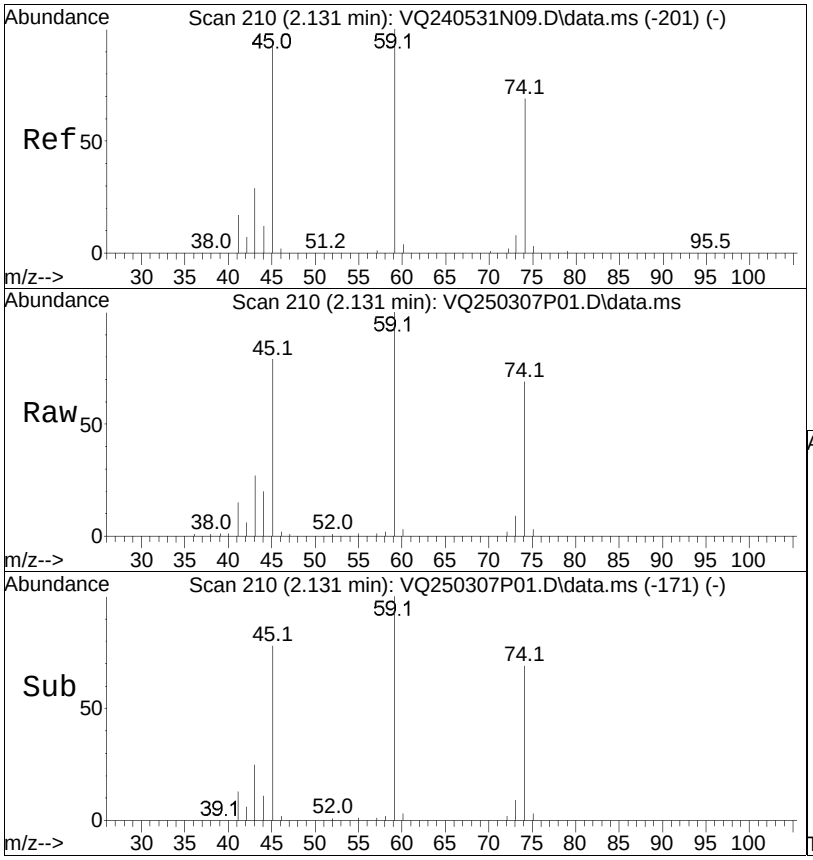


#7
Trichlorofluoromethane
Concen: 9.84 ug/L
RT: 1.879 min Scan# 162
Delta R.T. 0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:101 Resp: 136532

Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.2	78.2

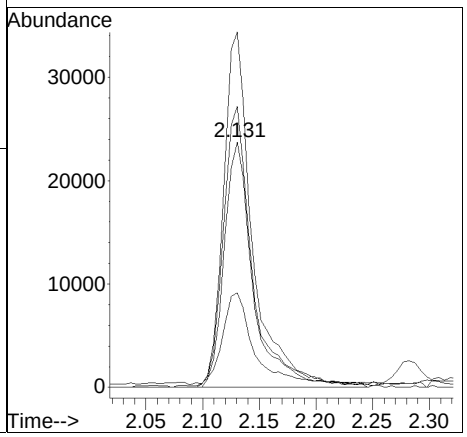


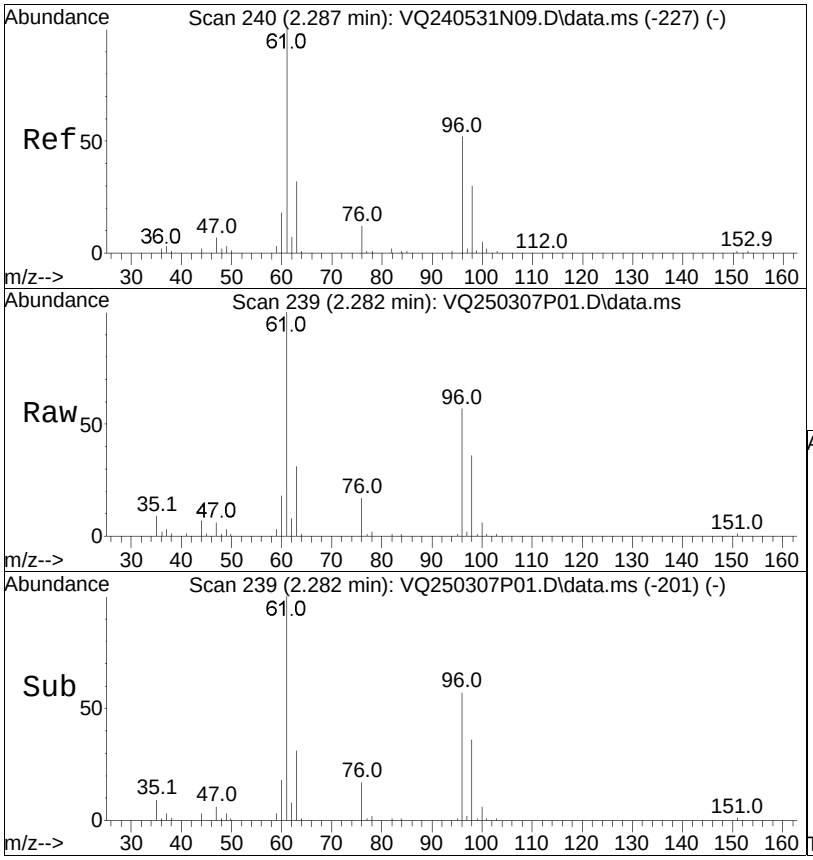


#8
Ethyl ether
Concen: 9.87 ug/L
RT: 2.131 min Scan# 210
Delta R.T. 0.006 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 74 Resp: 42824

Ion	Ratio	Lower	Upper
74	100		
59	145.0	90.5	187.9
45	116.8	72.0	149.4
43	41.2	20.9	43.5

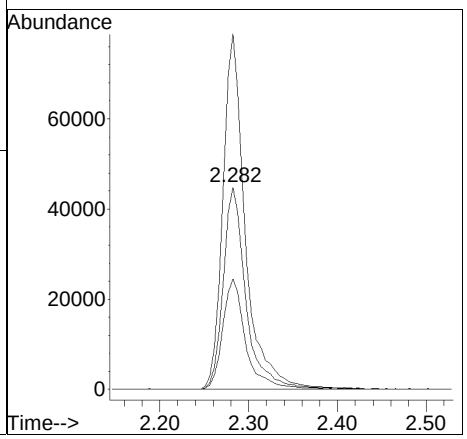


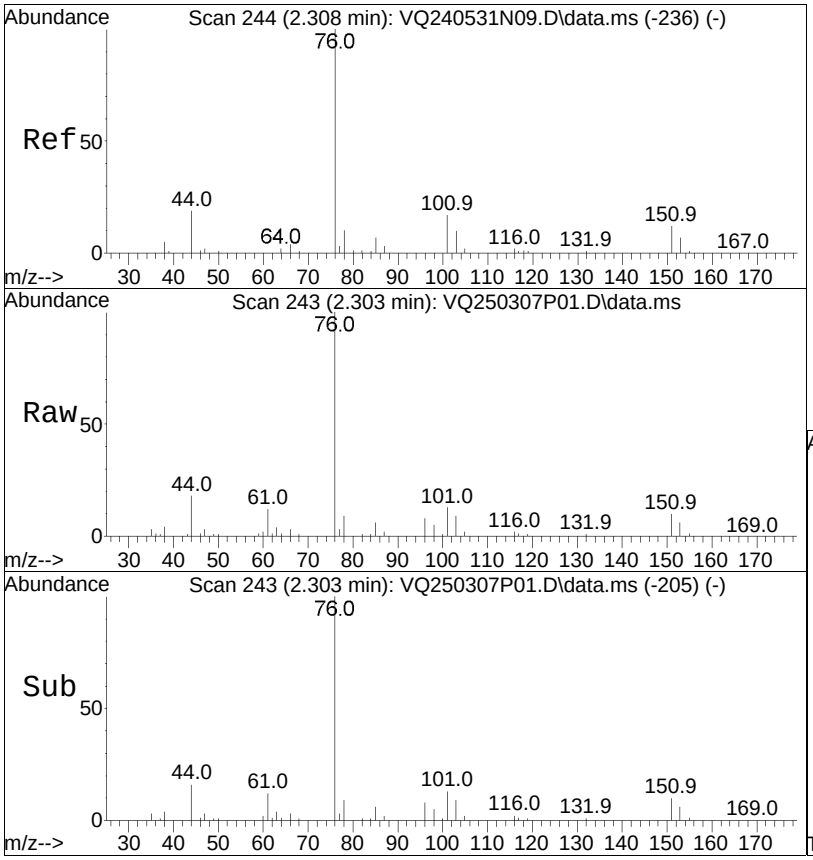


#10
1,1-Dichloroethene
Concen: 10.13 ug/L
RT: 2.282 min Scan# 239
Delta R.T. 0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 96 Resp: 80374

Ion	Ratio	Lower	Upper
96	100		
61	171.7	149.7	224.5
63	55.3	46.8	70.2

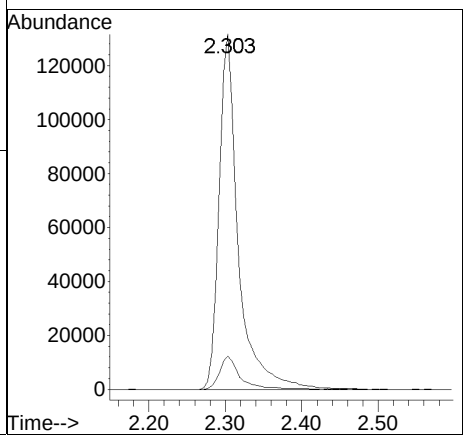


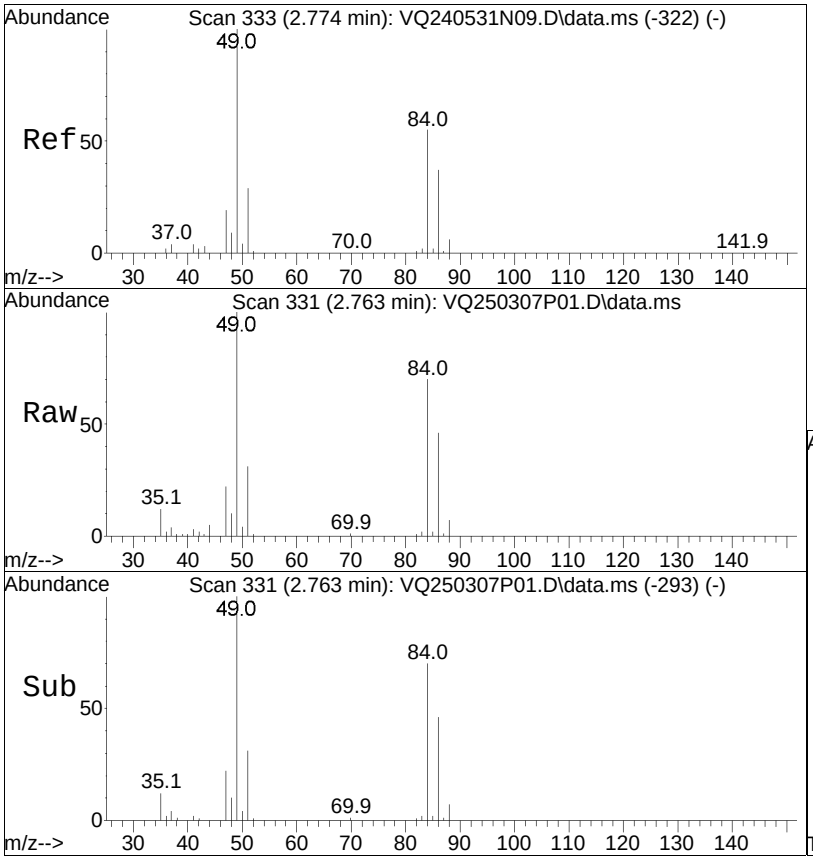


#11
Carbon disulfide
Concen: 10.70 ug/L
RT: 2.303 min Scan# 243
Delta R.T. 0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 76 Resp: 231067

Ion	Ratio	Lower	Upper
76	100		
78	10.1	6.8	14.0

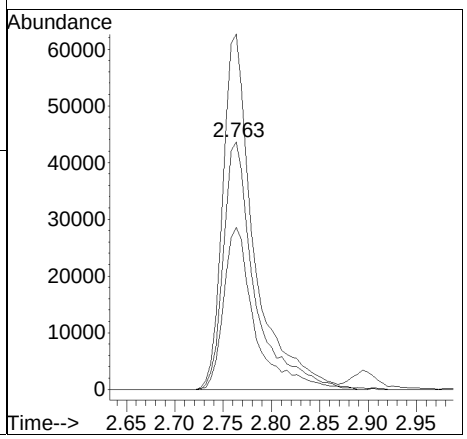


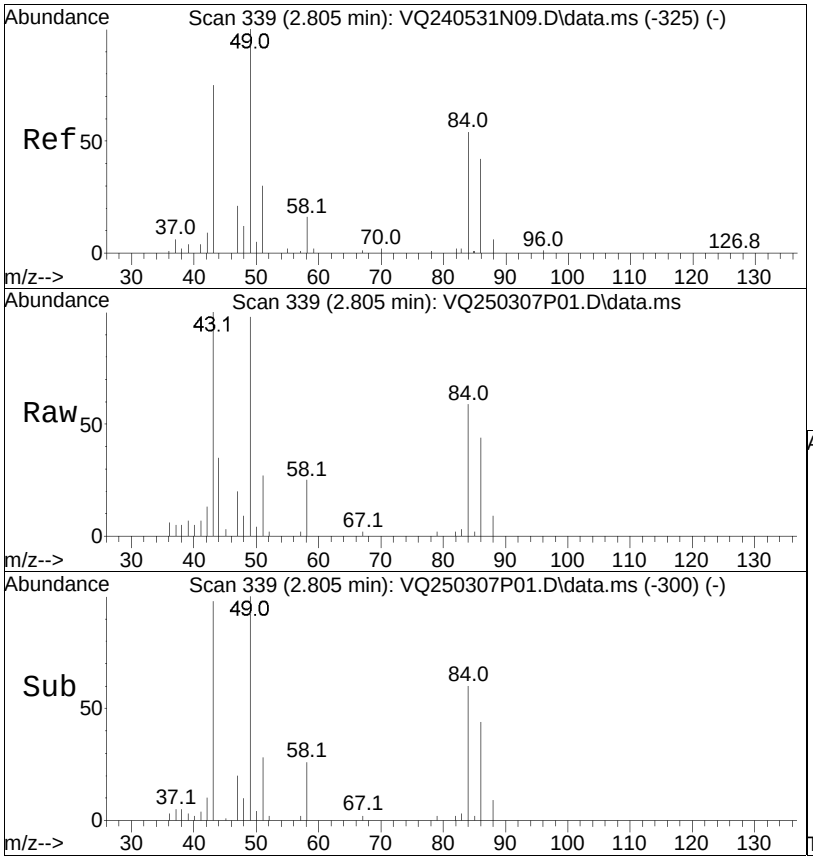


#15
Methylene chloride
Concen: 10.92 ug/L
RT: 2.763 min Scan# 331
Delta R.T. 0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 84 Resp: 99194

Ion	Ratio	Lower	Upper
84	100		
86	64.8	41.0	85.2
49	141.9	88.1	183.1

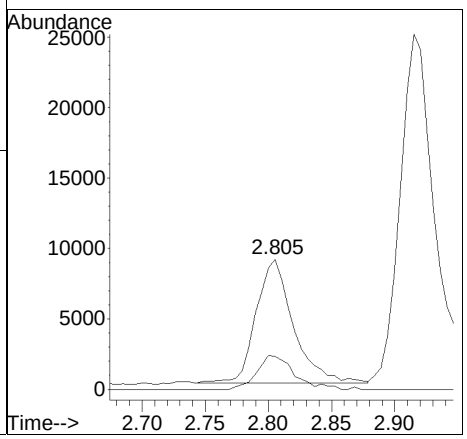


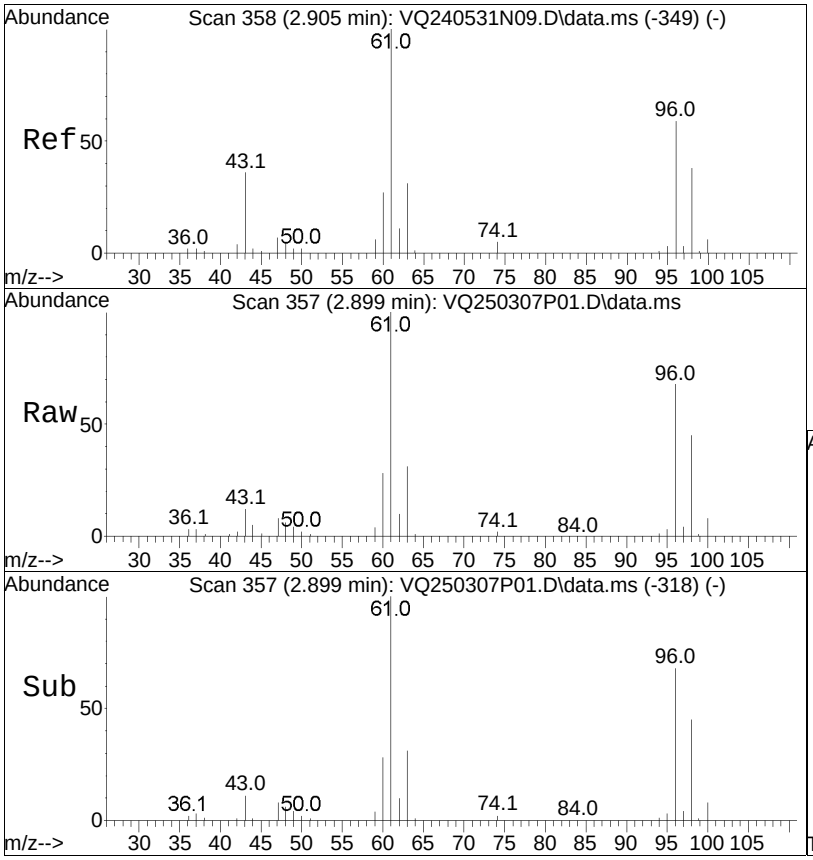


#17
Acetone
Concen: 12.26 ug/L
RT: 2.805 min Scan# 339
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 43 Resp: 18141

Ion	Ratio	Lower	Upper
43	100		
58	27.2	20.2	30.4

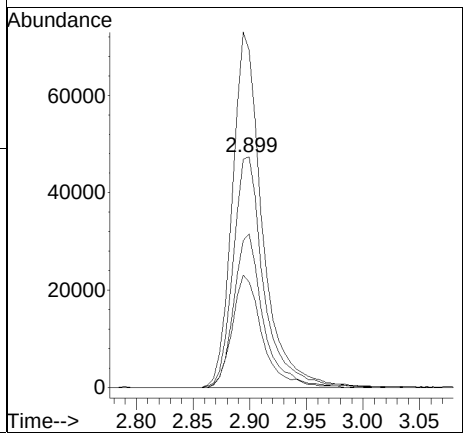


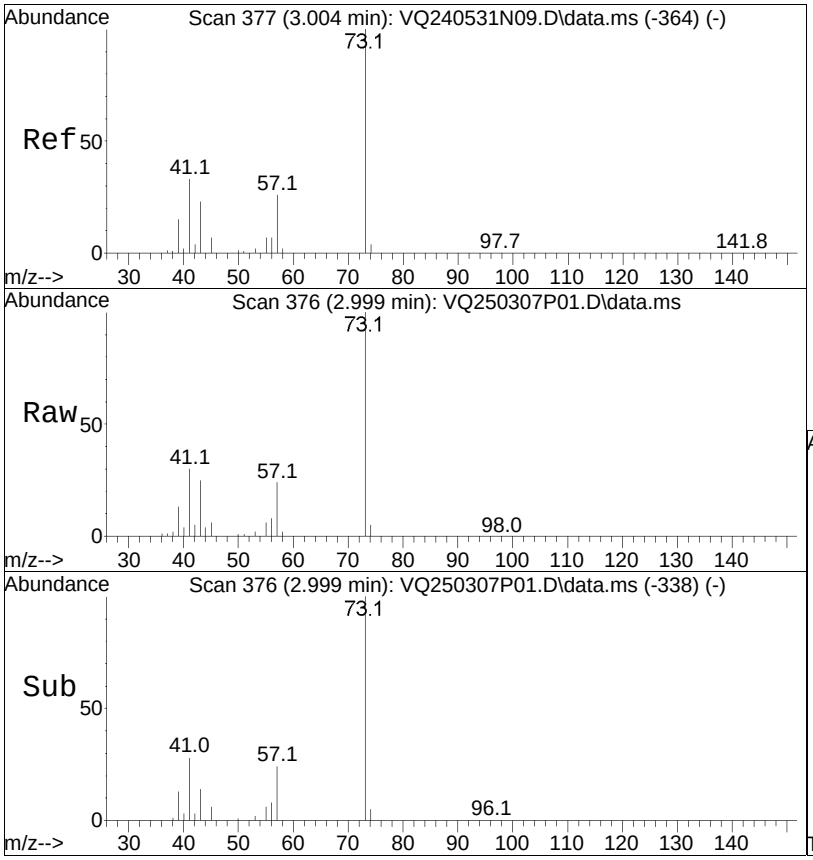


#18
trans-1,2-Dichloroethene
Concen: 10.86 ug/L
RT: 2.899 min Scan# 357
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 96 Resp: 89805

Ion	Ratio	Lower	Upper
96	100		
61	149.9	102.8	213.4
98	64.0	41.8	86.8
63	47.5	32.2	66.8

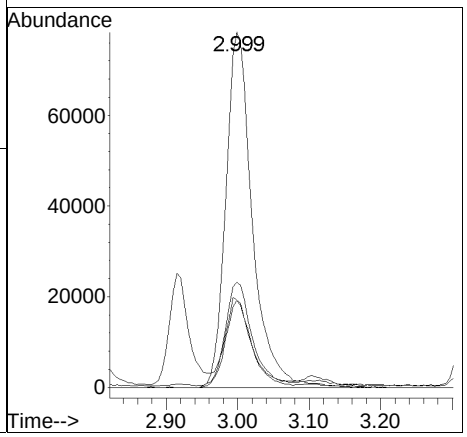


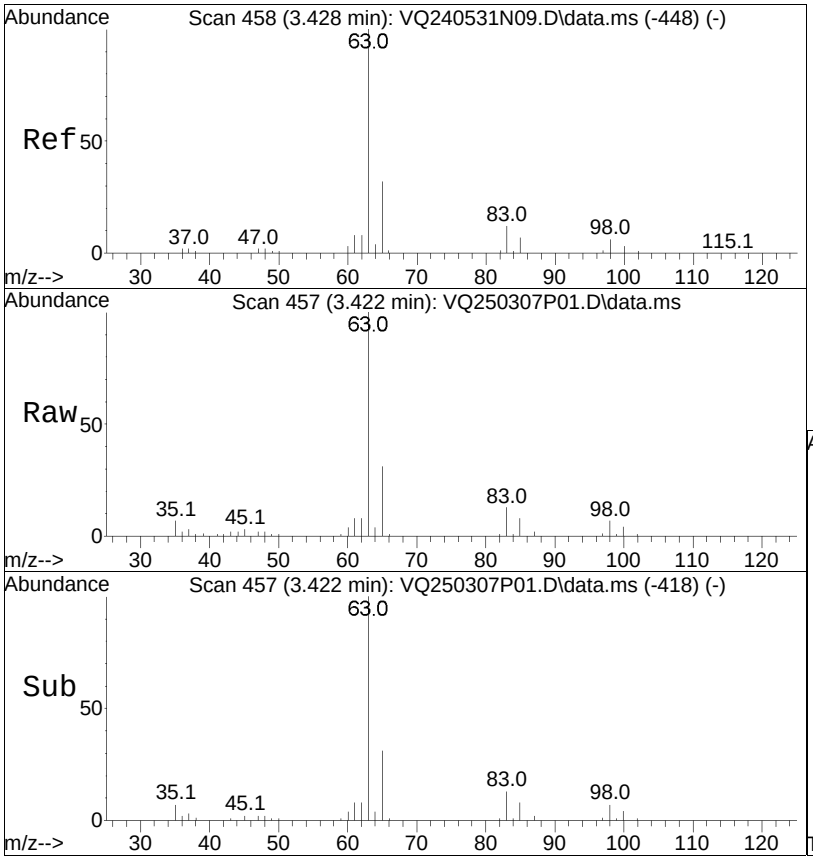


#21
Methyl tert-butyl ether
Concen: 9.16 ug/L
RT: 2.999 min Scan# 376
Delta R.T. -0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 73 Resp: 202993

Ion	Ratio	Lower	Upper
73	100		
57	24.1	14.0	29.0
43	24.3	13.6	28.2
41	29.2	15.0	31.2

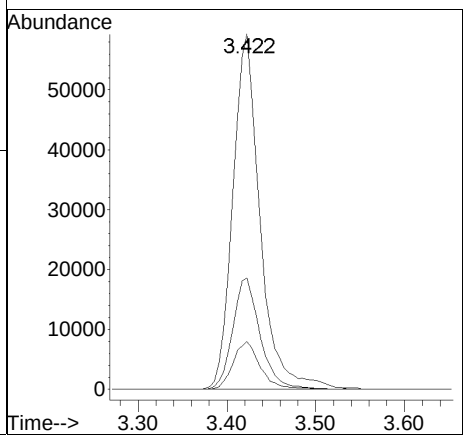


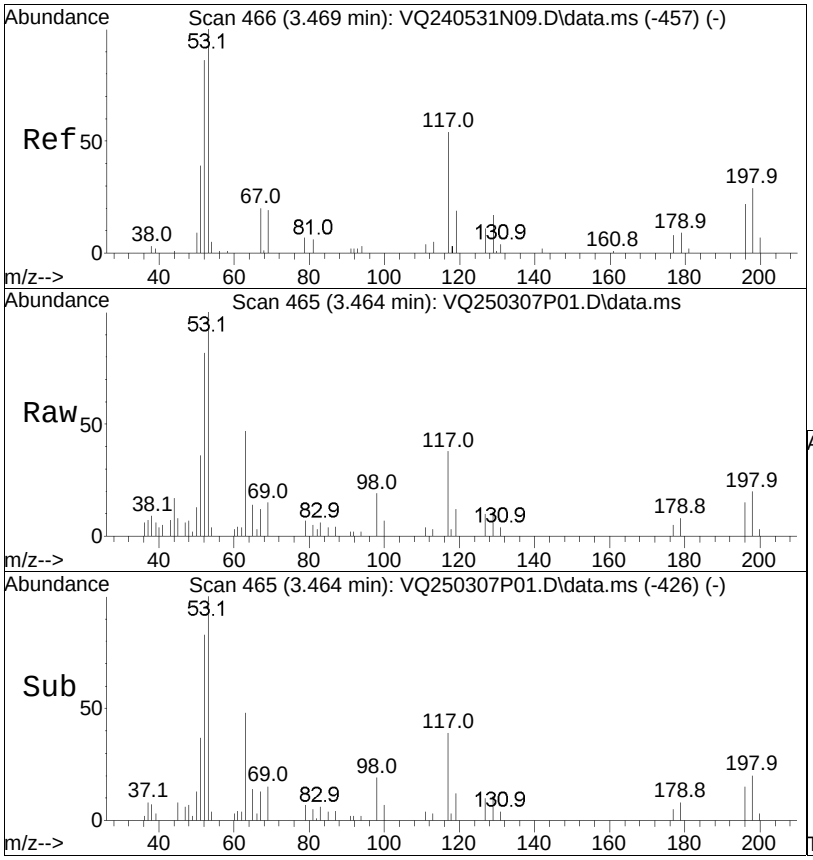


#25
1,1-Dichloroethane
Concen: 9.48 ug/L
RT: 3.422 min Scan# 457
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 63 Resp: 126779

Ion	Ratio	Lower	Upper
63	100		
65	31.6	11.5	51.5
83	13.4	0.0	32.7

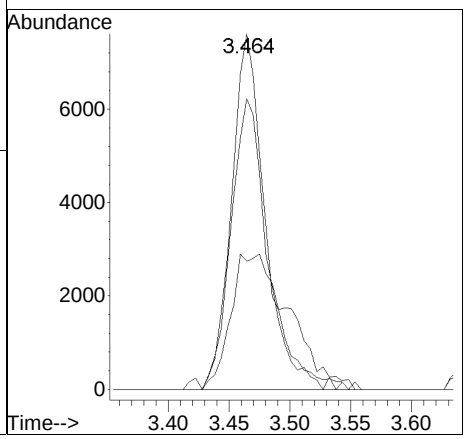


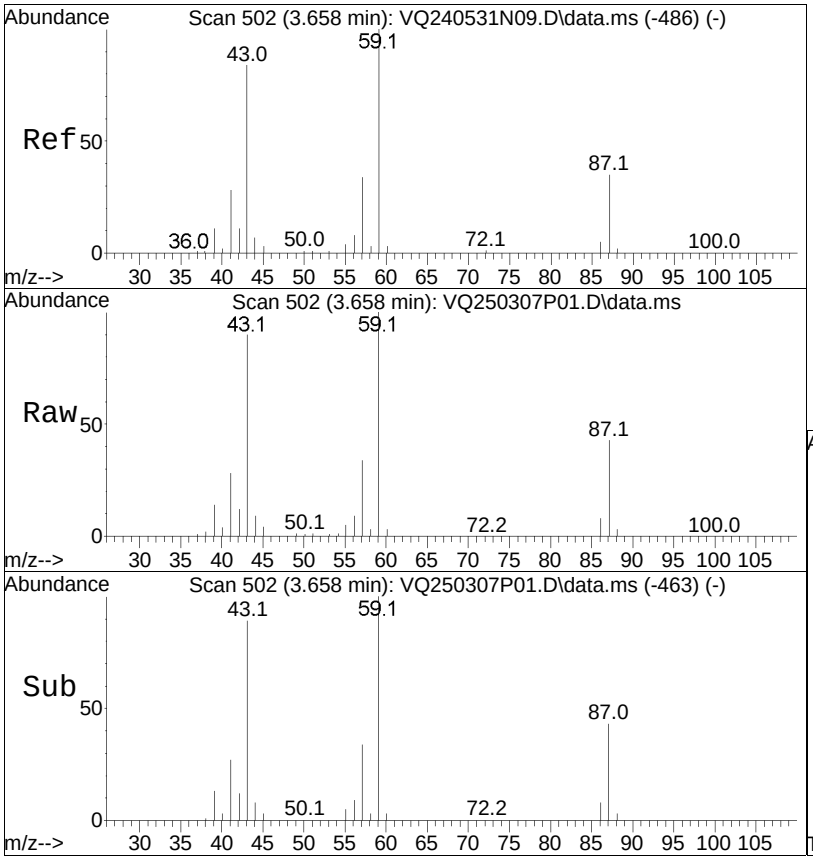


#27
Acrylonitrile
Concen: 9.09 ug/L
RT: 3.464 min Scan# 465
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 53 Resp: 15069

Ion	Ratio	Lower	Upper
53	100		
52	85.1	67.7	101.5
51	64.2	55.0	82.6

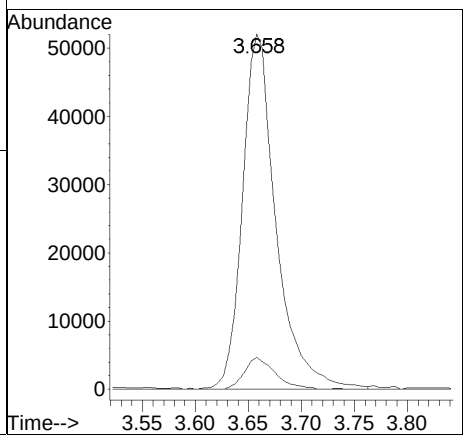


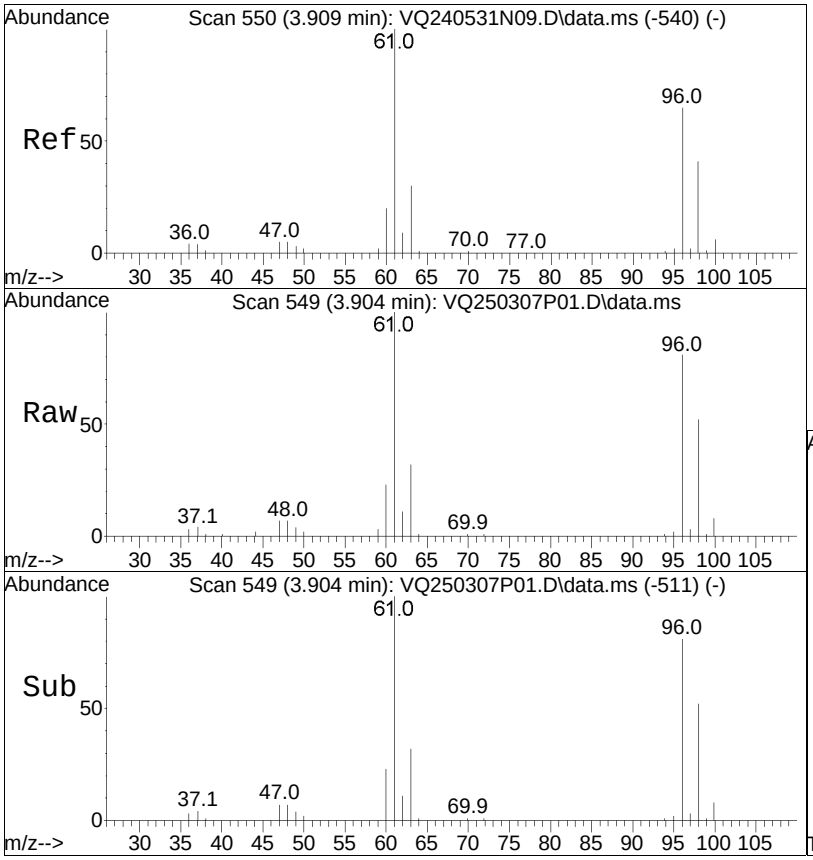


#29
Vinyl acetate
Concen: 8.14 ug/L
RT: 3.658 min Scan# 502
Delta R.T. 0.006 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 43 Resp: 114937

Ion	Ratio	Lower	Upper
43	100		
86	8.3	5.8	8.6

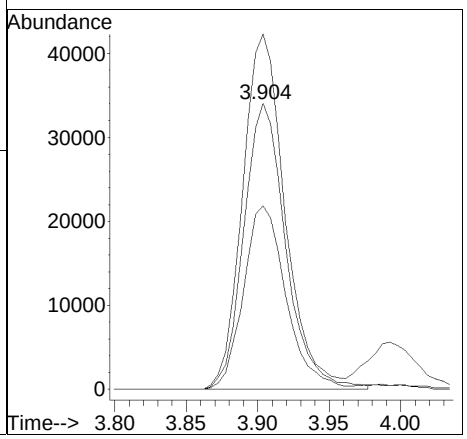


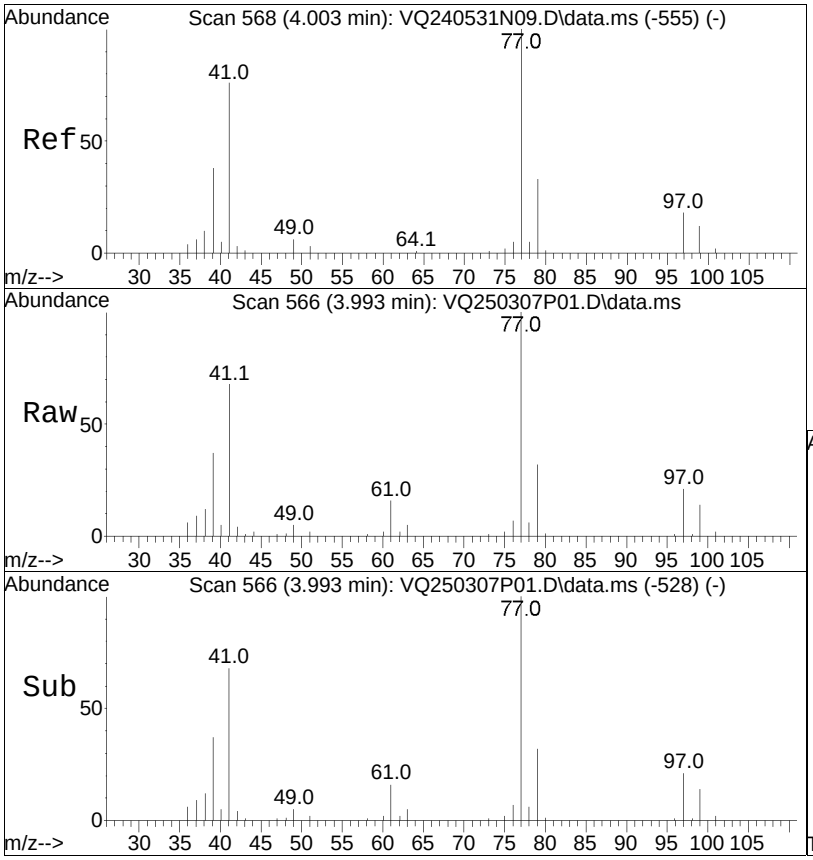


#30
cis-1,2-Dichloroethene
Concen: 9.07 ug/L
RT: 3.904 min Scan# 549
Delta R.T. 0.001 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 96 Resp: 69682

Ion	Ratio	Lower	Upper
96	100		
61	125.5	115.3	172.9
98	65.1	51.8	77.8

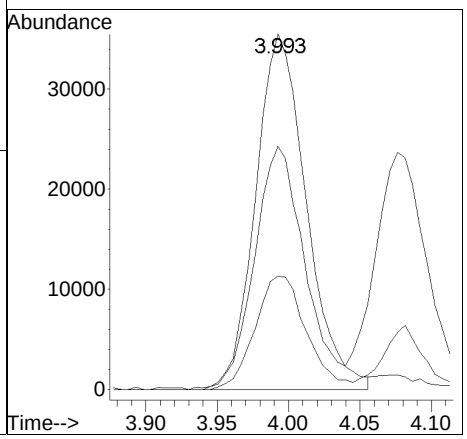


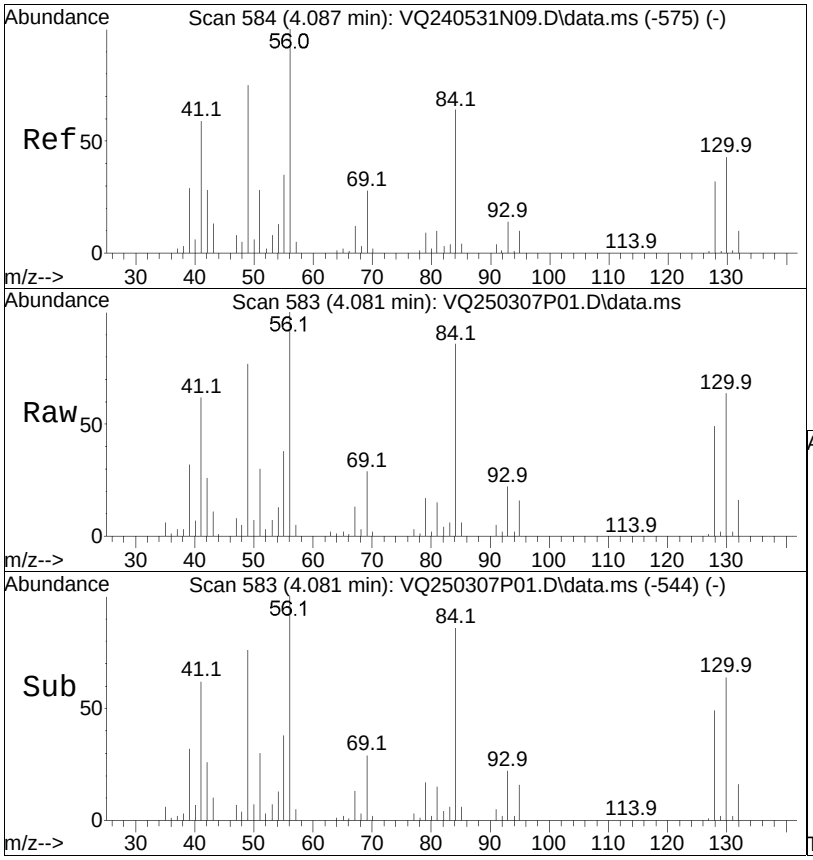


#31
2,2-Dichloropropane
Concen: 7.69 ug/L
RT: 3.993 min Scan# 566
Delta R.T. 0.001 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 77 Resp: 87683

Ion	Ratio	Lower	Upper
77	100		
41	67.8	39.1	81.3
79	32.2	20.5	42.5

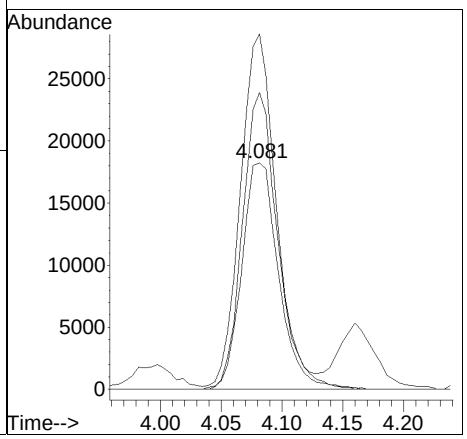


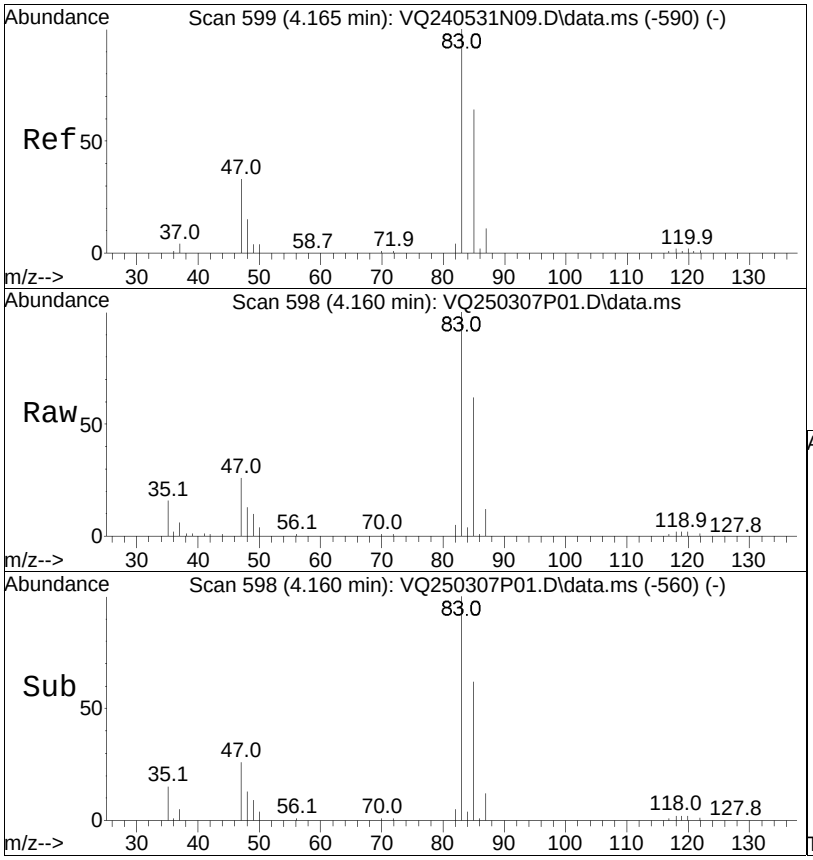


#33
Bromochloromethane
Concen: 10.54 ug/L
RT: 4.081 min Scan# 583
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:128 Resp: 38629

Ion	Ratio	Lower	Upper
128	100		
49	152.6	143.3	214.9
130	125.5	102.7	154.1

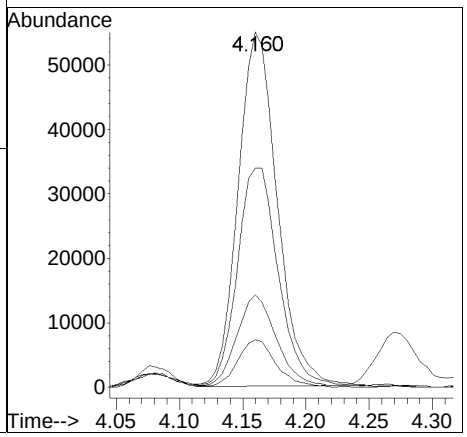


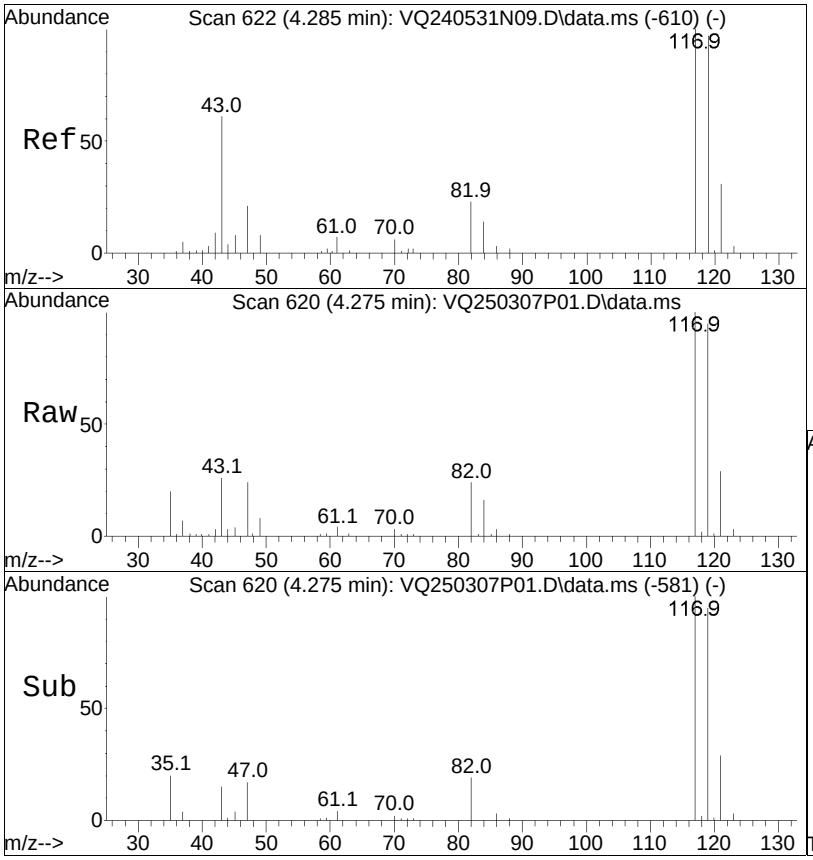


#35
Chloroform
Concen: 9.29 ug/L
RT: 4.160 min Scan# 598
Delta R.T. -0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 83 Resp: 118469

Ion	Ratio	Lower	Upper
83	100		
85	64.9	43.0	89.2
47	25.4	17.5	36.3
48	13.4	8.8	18.2

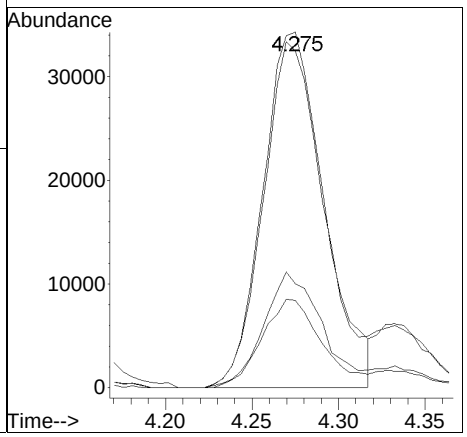


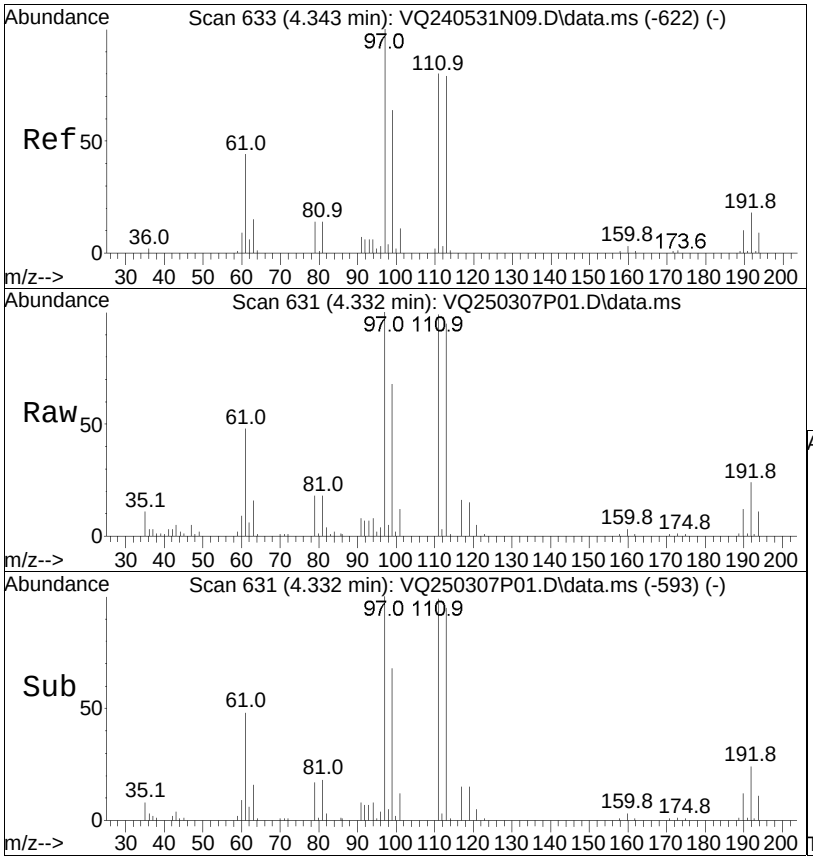


#37
Carbon tetrachloride
Concen: 8.27 ug/L
RT: 4.275 min Scan# 620
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:117 Resp: 84450

Ion	Ratio	Lower	Upper
117	100		
119	94.1	63.2	131.2
121	31.1	20.3	42.3
82	24.5	18.1	37.7

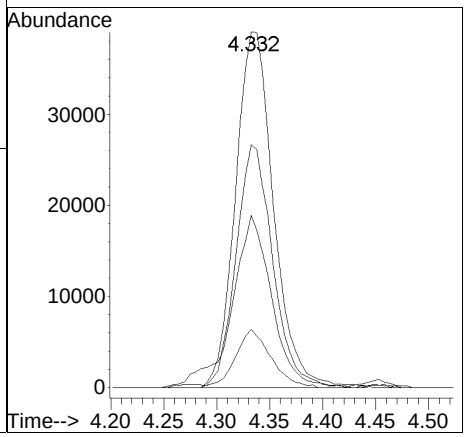


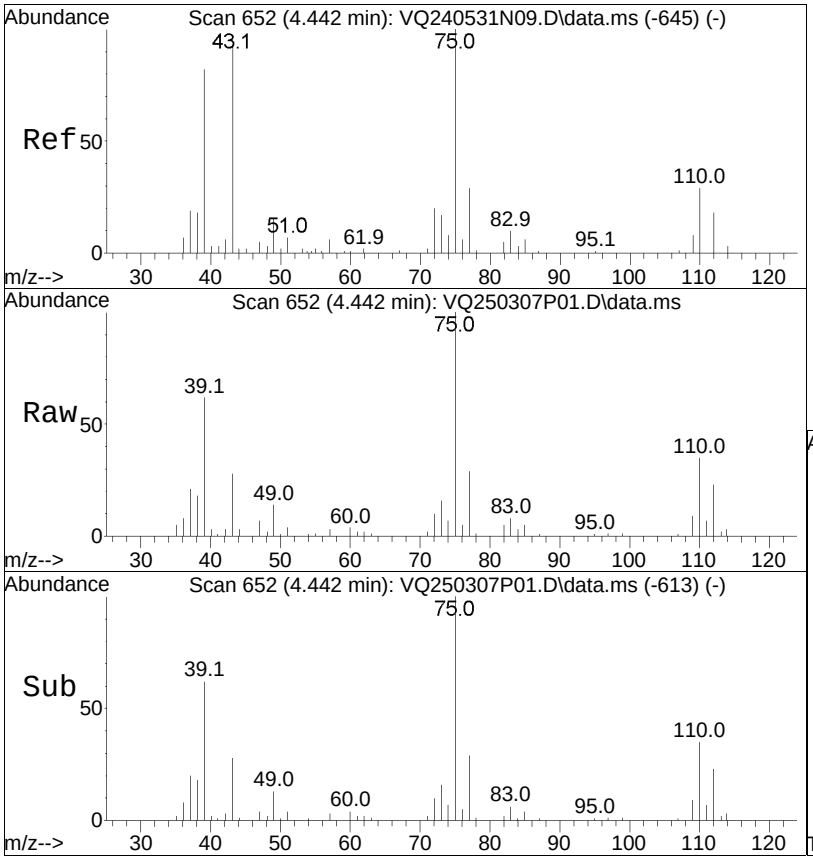


#40
1,1,1-Trichloroethane
Concen: 8.69 ug/L
RT: 4.332 min Scan# 631
Delta R.T. 0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 97 Resp: 97751

Ion	Ratio	Lower	Upper
97	100		
99	65.8	42.5	88.3
61	50.2	30.4	63.2
63	15.0	9.6	19.8

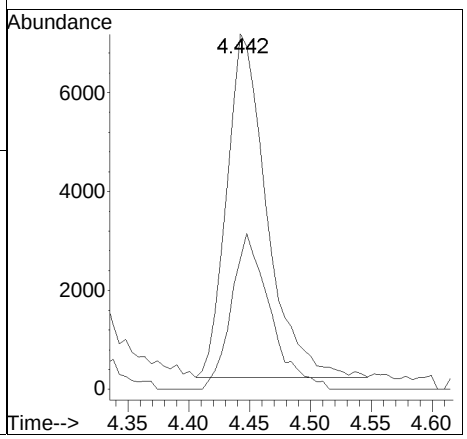


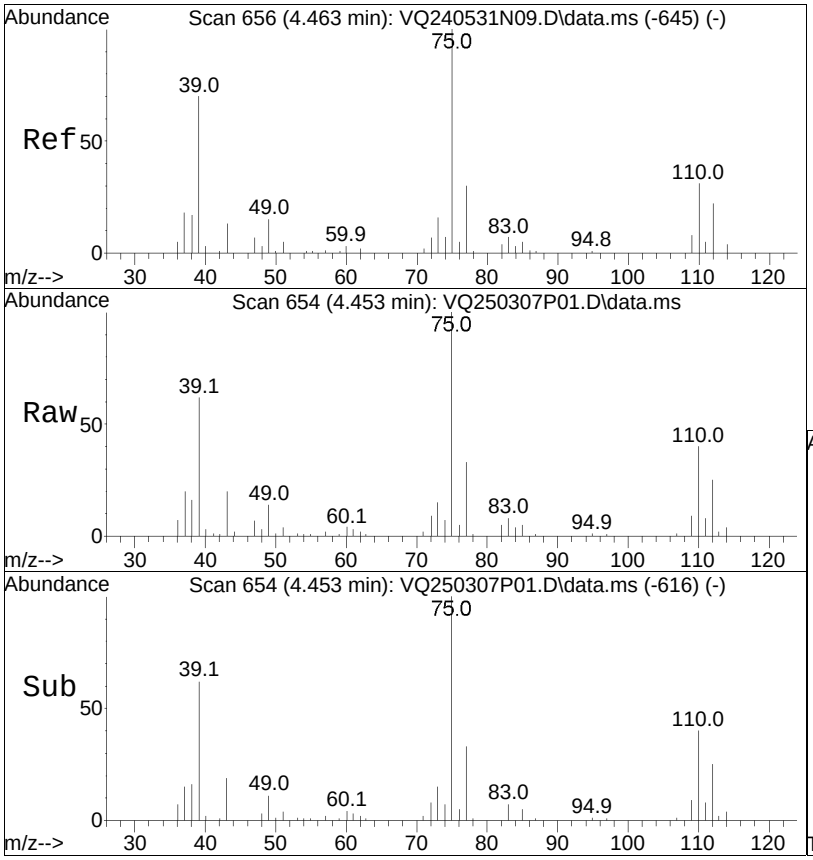


#42
2-Butanone
Concen: 9.02 ug/L
RT: 4.442 min Scan# 652
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 43 Resp: 15952

Ion	Ratio	Lower	Upper
43	100		
72	43.9	31.2	46.8

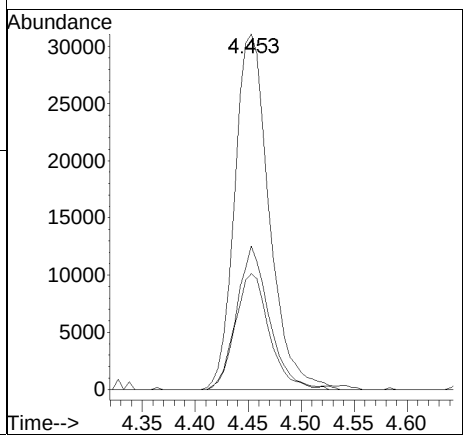


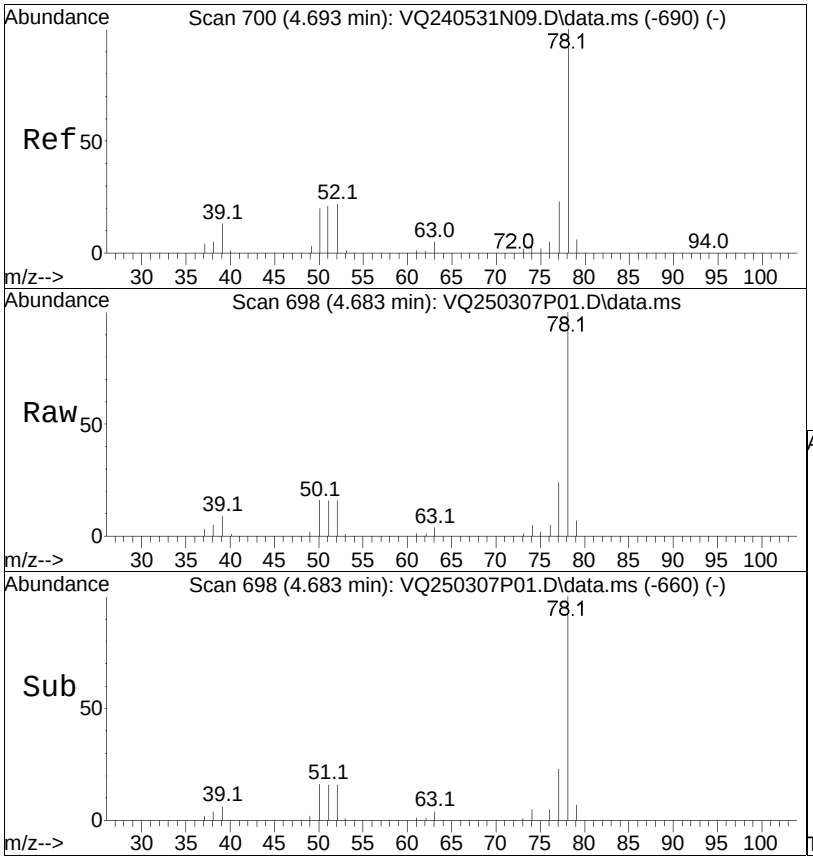


#43
1,1-Dichloropropene
Concen: 7.83 ug/L
RT: 4.453 min Scan# 654
Delta R.T. -0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 75 Resp: 70717

Ion	Ratio	Lower	Upper
75	100		
110	38.1	21.3	44.3
77	32.0	19.8	41.2

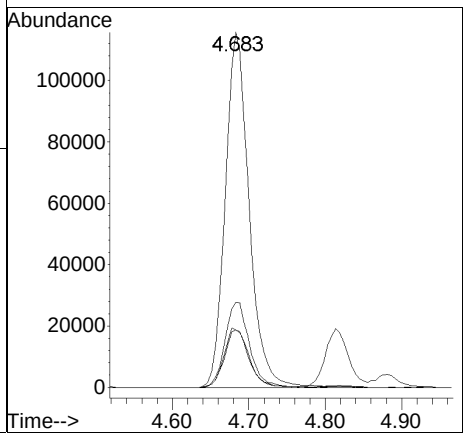


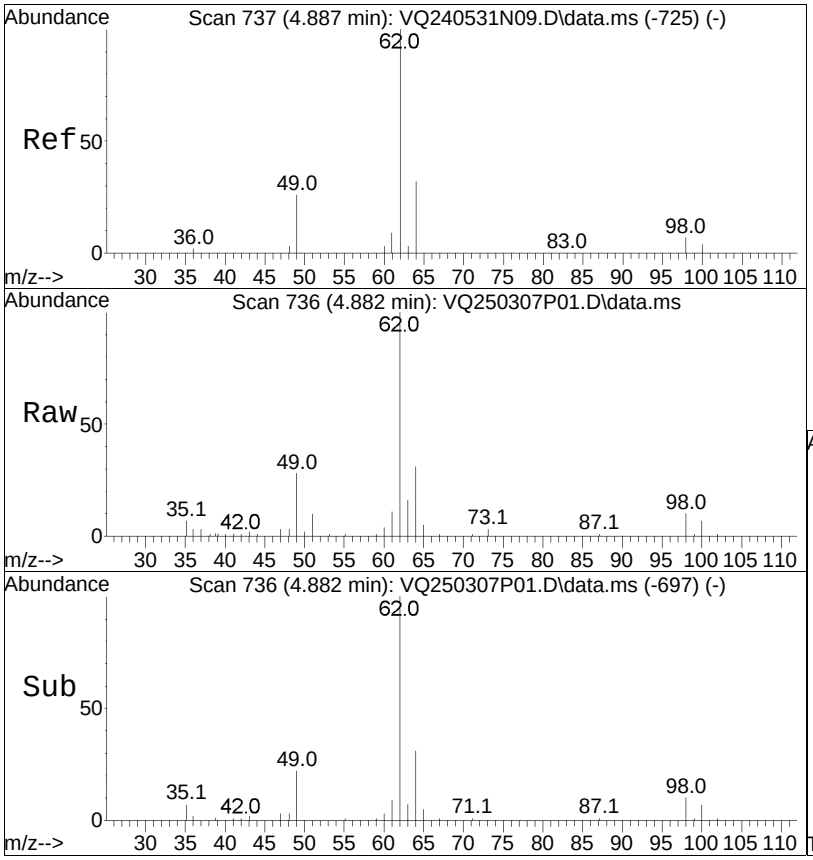


#45
Benzene
Concen: 8.94 ug/L
RT: 4.683 min Scan# 698
Delta R.T. -0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 78 Resp: 251315

Ion	Ratio	Lower	Upper
78	100		
77	24.5	15.9	33.1
51	17.5	12.3	25.5
52	16.5	11.3	23.5

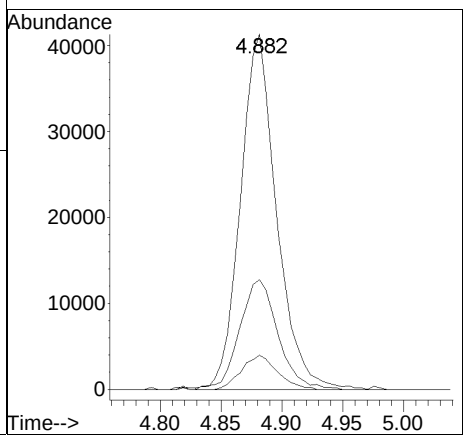


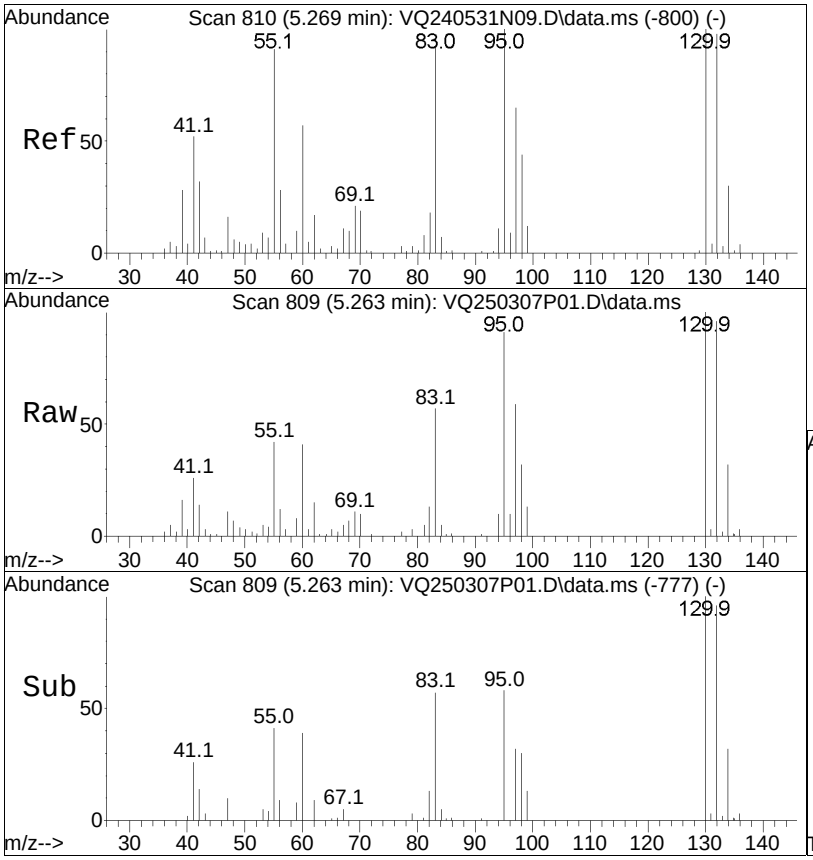


#48
1,2-Dichloroethane
Concen: 9.32 ug/L
RT: 4.882 min Scan# 736
Delta R.T. 0.006 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 62 Resp: 85234

Ion	Ratio	Lower	Upper
62	100		
64	32.7	12.6	52.6
98	9.6	0.0	28.2

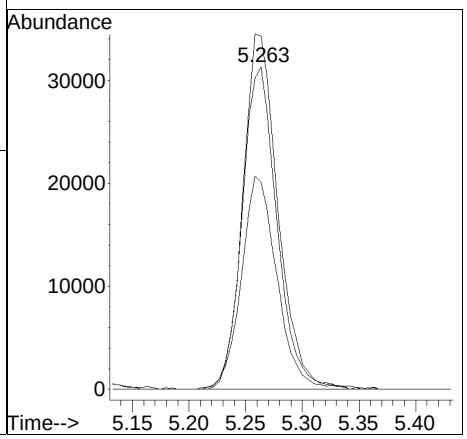


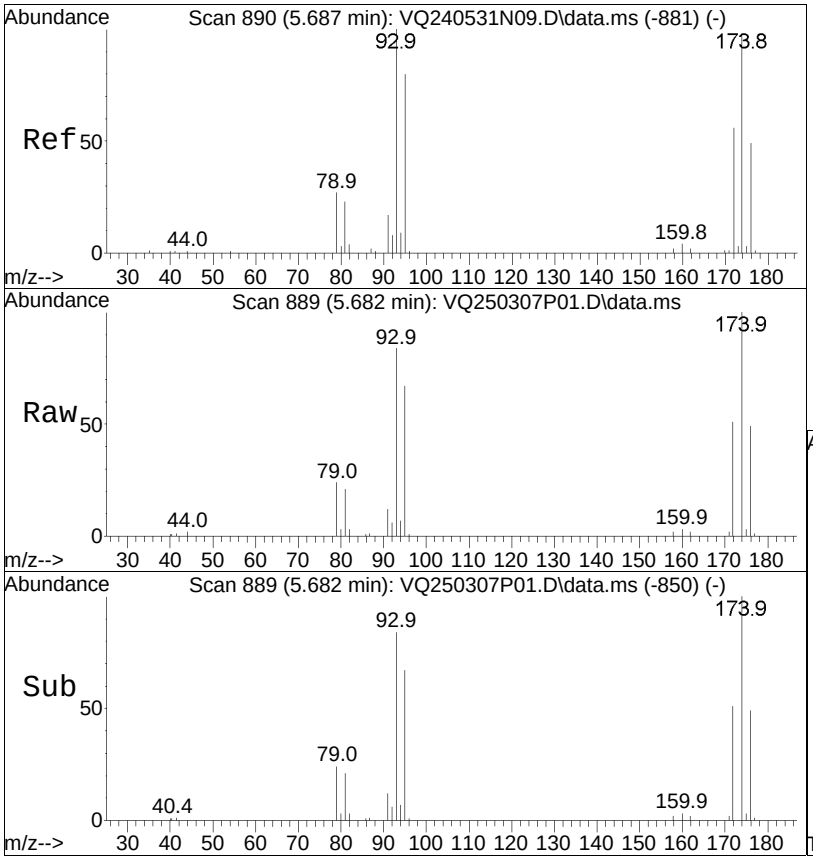


#52
Trichloroethene
Concen: 9.39 ug/L
RT: 5.263 min Scan# 809
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 95 Resp: 67408

Ion	Ratio	Lower	Upper
95	100		
97	67.2	54.2	81.4
130	110.5	81.8	122.6

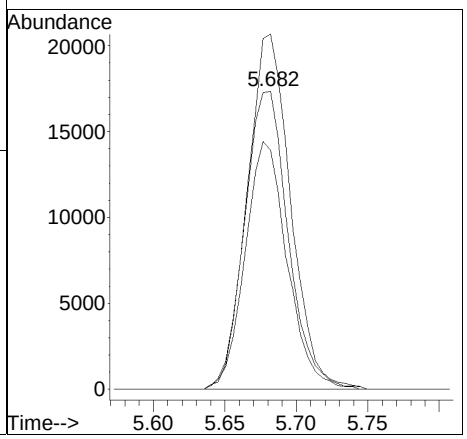


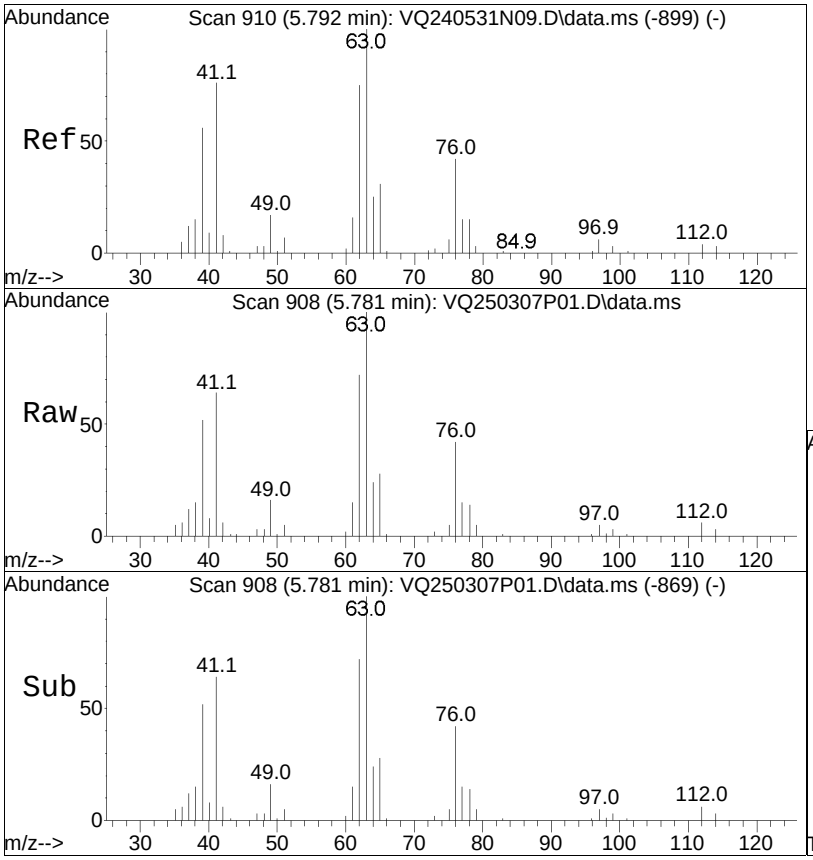


#54
Dibromomethane
Concen: 9.08 ug/L
RT: 5.682 min Scan# 889
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 93 Resp: 36930

Ion	Ratio	Lower	Upper
93	100		
95	80.4	65.3	97.9
174	118.6	77.8	116.6#

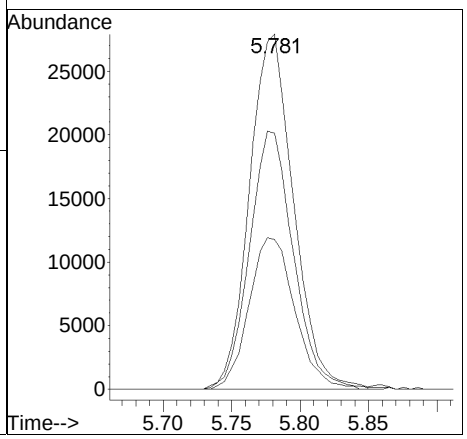


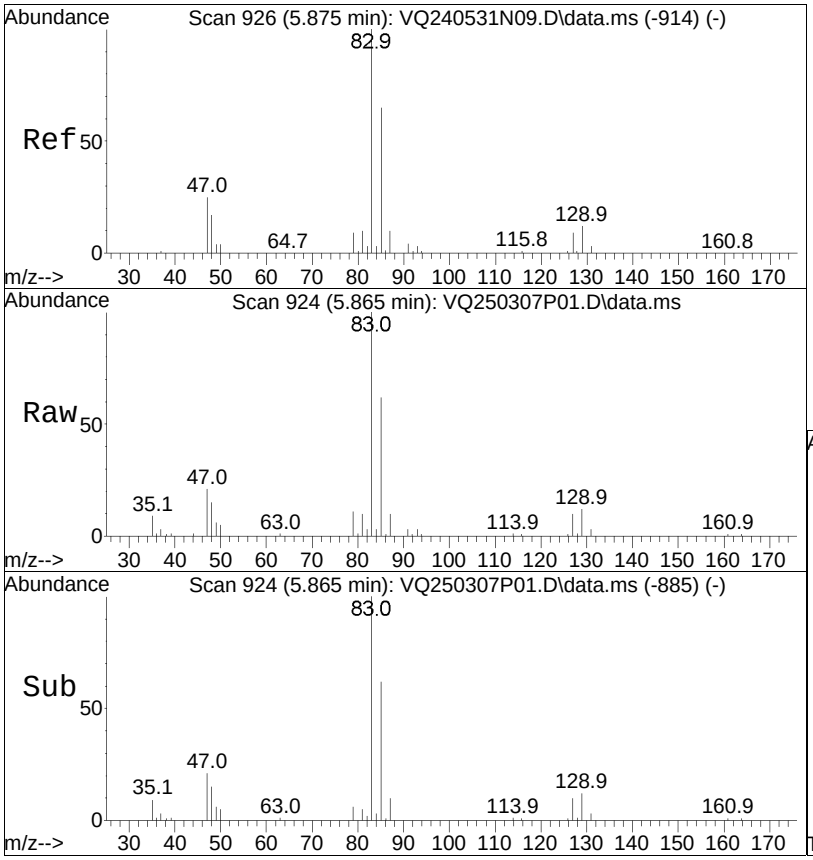


#55
1,2-Dichloropropane
Concen: 8.83 ug/L
RT: 5.781 min Scan# 908
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 63 Resp: 62721

Ion	Ratio	Lower	Upper
63	100		
62	72.6	57.6	86.4
76	44.4	38.5	57.7

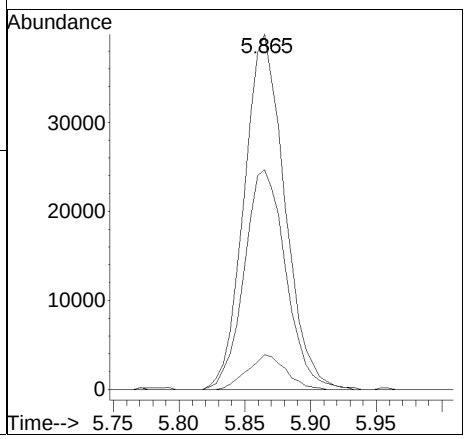


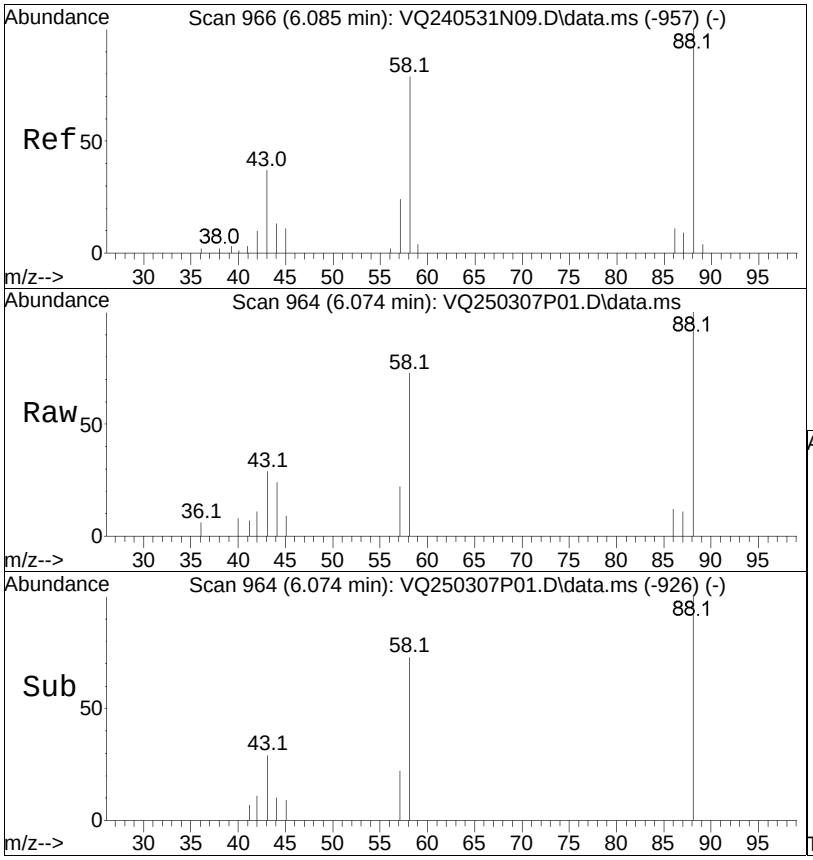


#58
Bromodichloromethane
Concen: 8.72 ug/L
RT: 5.865 min Scan# 924
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 83 Resp: 85612

Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.4	77.2
127	9.3	6.9	10.3

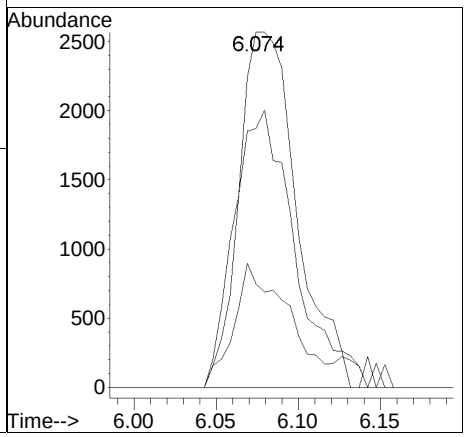


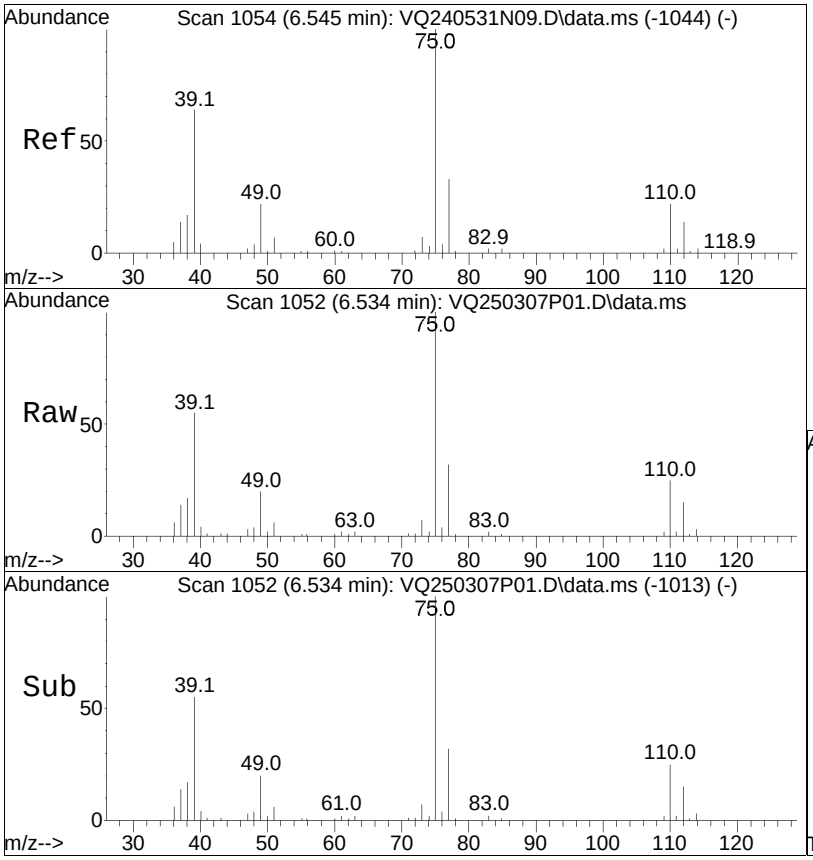


#61
1,4-Dioxane
Concen: 341.73 ug/L
RT: 6.074 min Scan# 964
Delta R.T. 0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 88 Resp: 6634

Ion	Ratio	Lower	Upper
88	100		
58	73.2	59.1	88.7
43	30.9	30.0	45.0

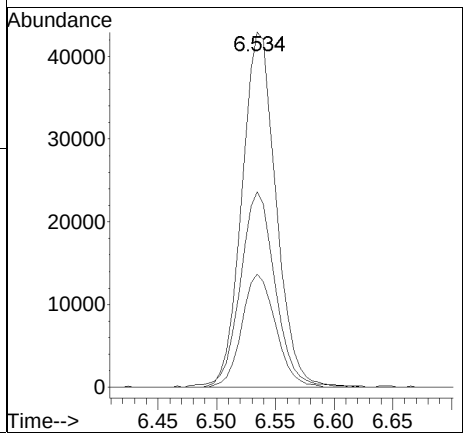


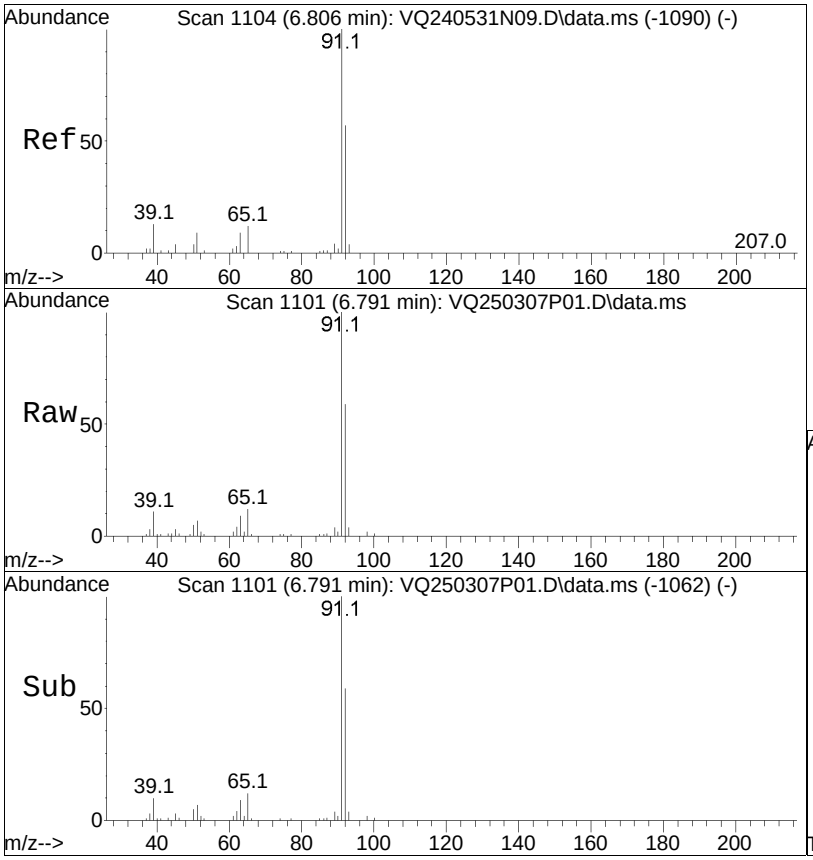


#62
cis-1,3-Dichloropropene
Concen: 7.90 ug/L
RT: 6.534 min Scan# 1052
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 75 Resp: 86833

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.6
39	56.7	50.6	75.8

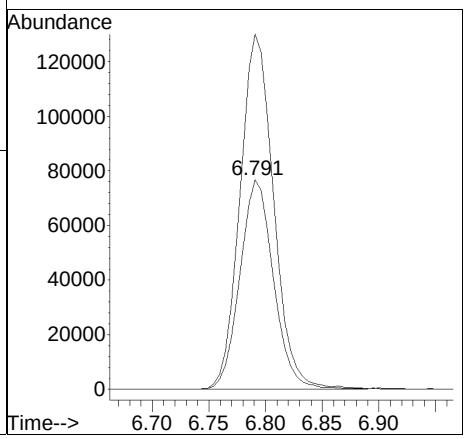


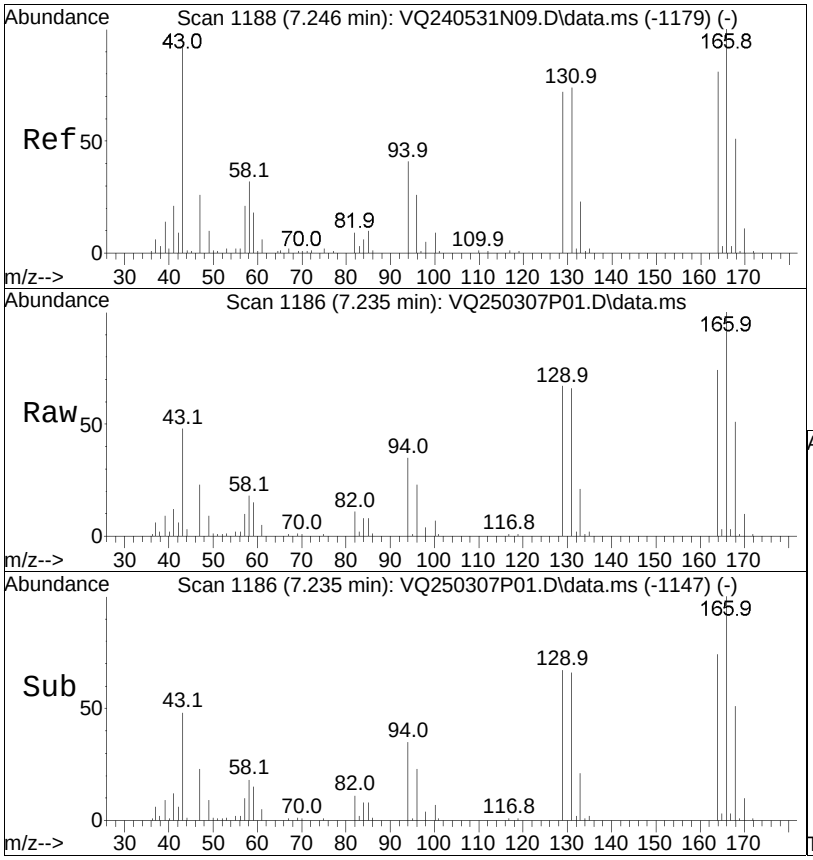


#65
Toluene
Concen: 9.44 ug/L
RT: 6.791 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 92 Resp: 158859

Ion	Ratio	Lower	Upper
92	100		
91	170.0	135.9	203.9

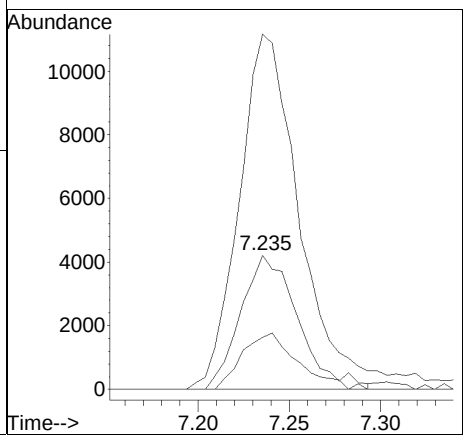


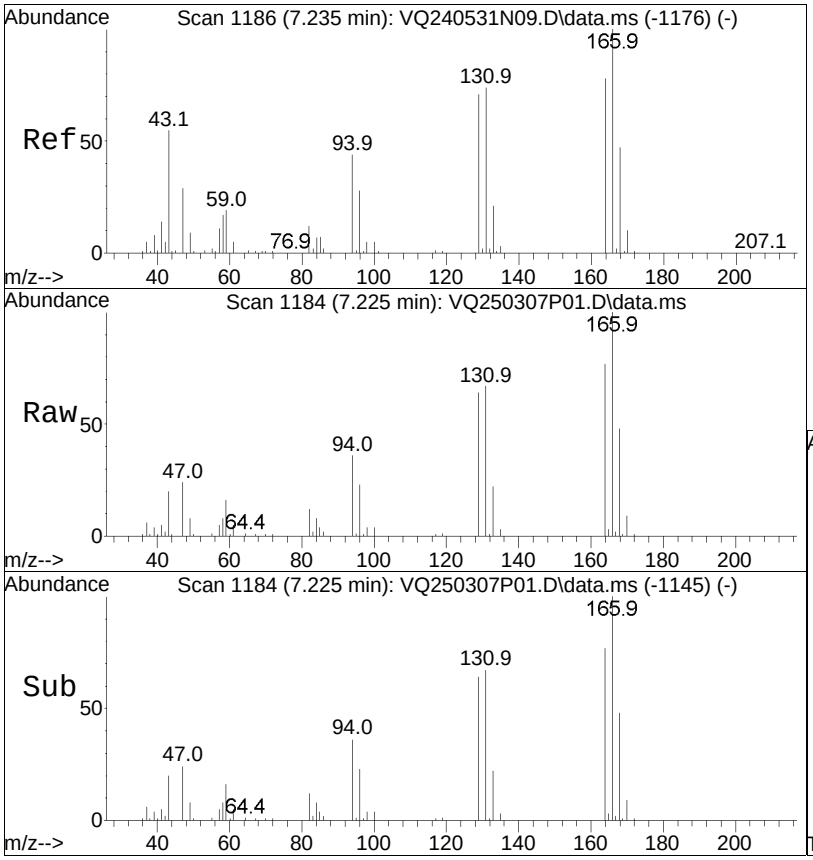


#66
4-Methyl-2-pentanone
Concen: 6.62 ug/L
RT: 7.235 min Scan# 1186
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 58 Resp: 9211

Ion	Ratio	Lower	Upper
58	100		
100	41.0	30.1	45.1
43	288.0	226.7	340.1

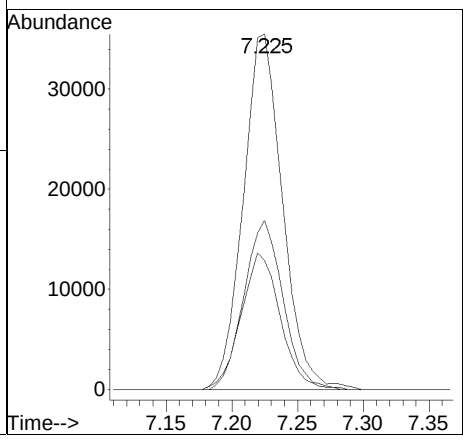


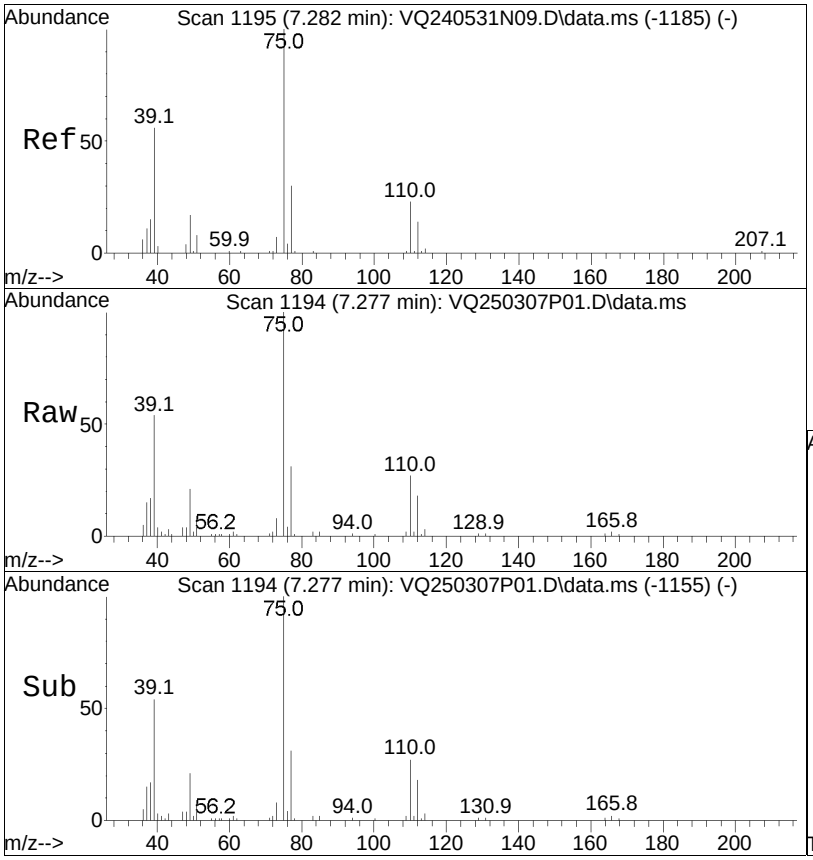


#67
Tetrachloroethene
Concen: 10.02 ug/L
RT: 7.225 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:166 Resp: 73932

Ion	Ratio	Lower	Upper
166	100		
168	47.3	28.0	68.0
94	38.1	27.8	67.8

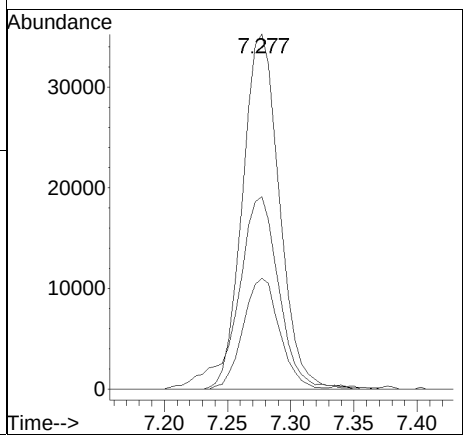


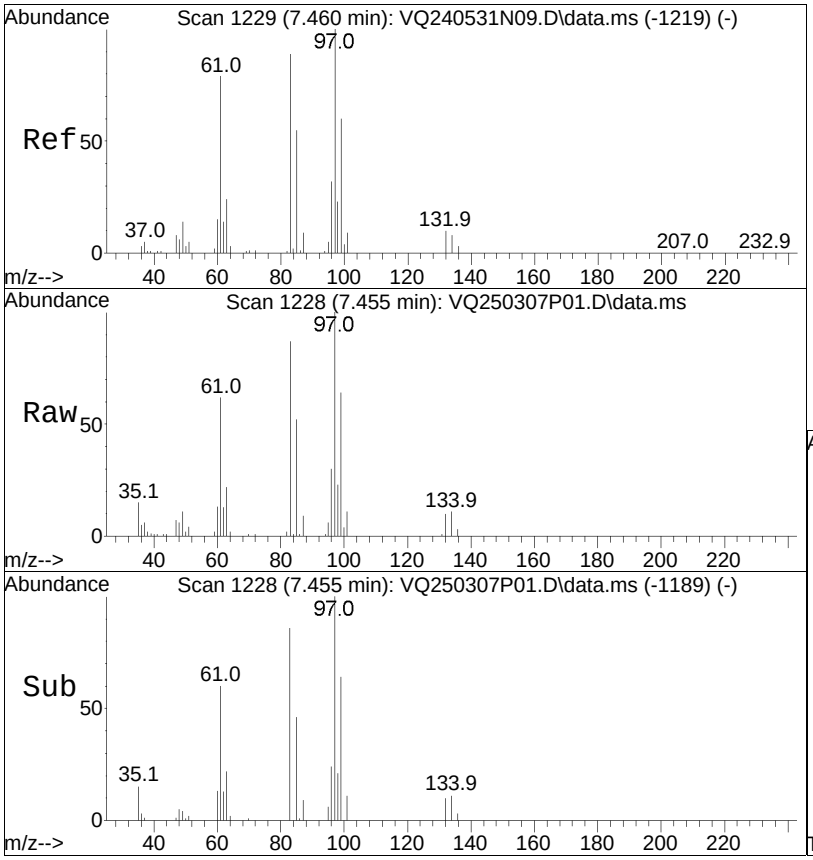


#69
trans-1,3-Dichloropropene
Concen: 8.26 ug/L
RT: 7.277 min Scan# 1194
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 75 Resp: 71835

Ion	Ratio	Lower	Upper
75	100		
77	31.1	11.4	51.4
39	60.6	44.3	84.3

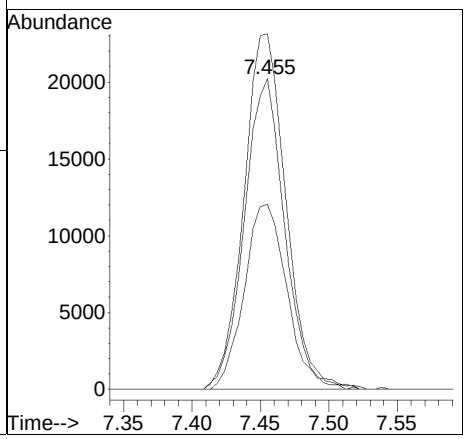


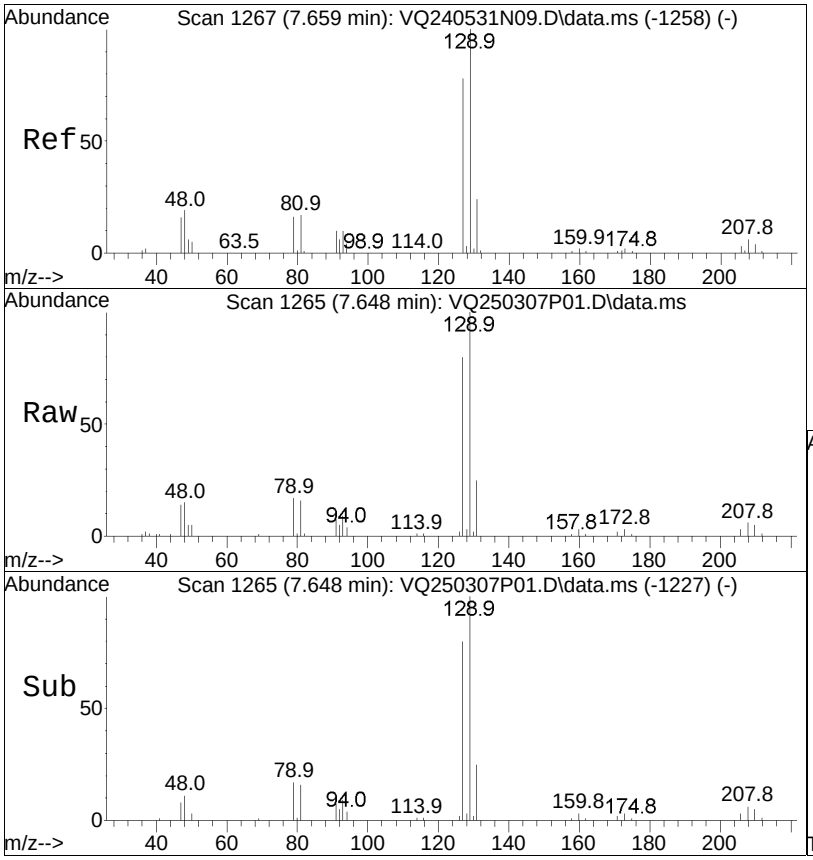


#72
1,1,2-Trichloroethane
Concen: 9.68 ug/L
RT: 7.455 min Scan# 1228
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 83 Resp: 41418

Ion	Ratio	Lower	Upper
83	100		
97	119.4	99.2	139.2
85	64.0	48.7	88.7

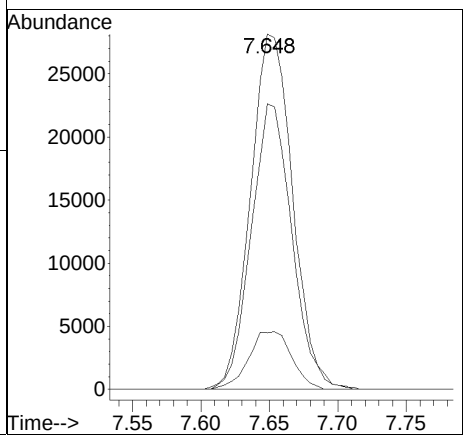


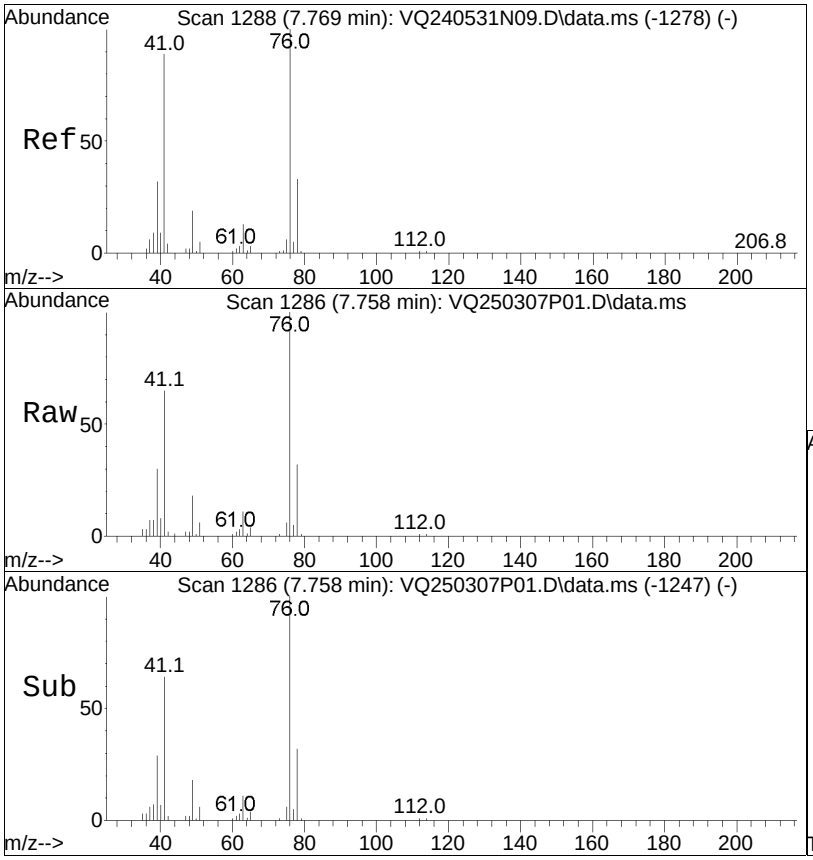


#73
Chlorodibromomethane
Concen: 9.20 ug/L
RT: 7.648 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:129 Resp: 60457

Ion	Ratio	Lower	Upper
129	100		
81	16.6	0.0	36.2
127	77.4	58.0	98.0

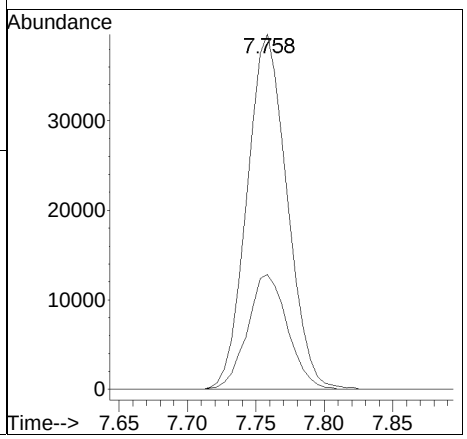


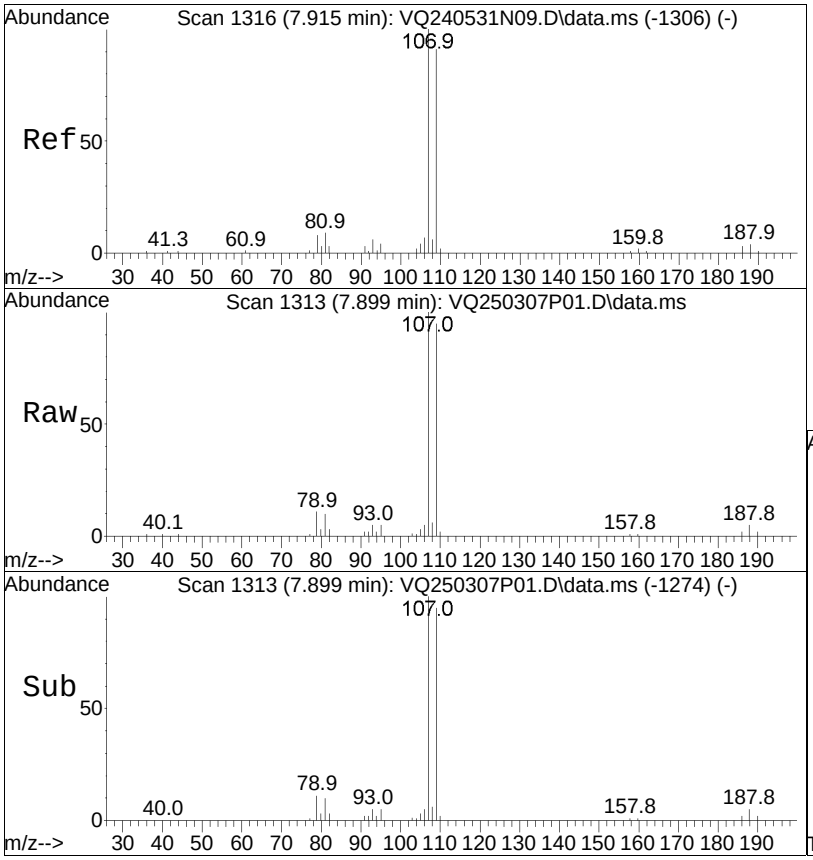


#74
1,3-Dichloropropane
Concen: 8.96 ug/L
RT: 7.758 min Scan# 1286
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 76 Resp: 80773

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.5	38.3

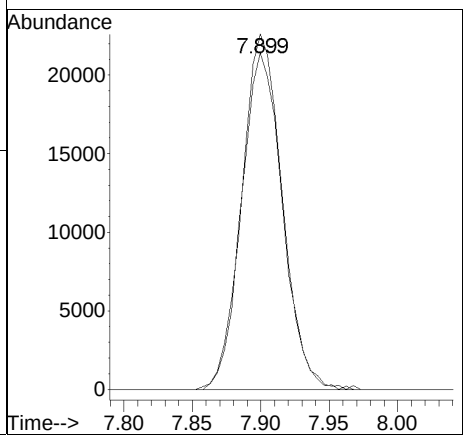


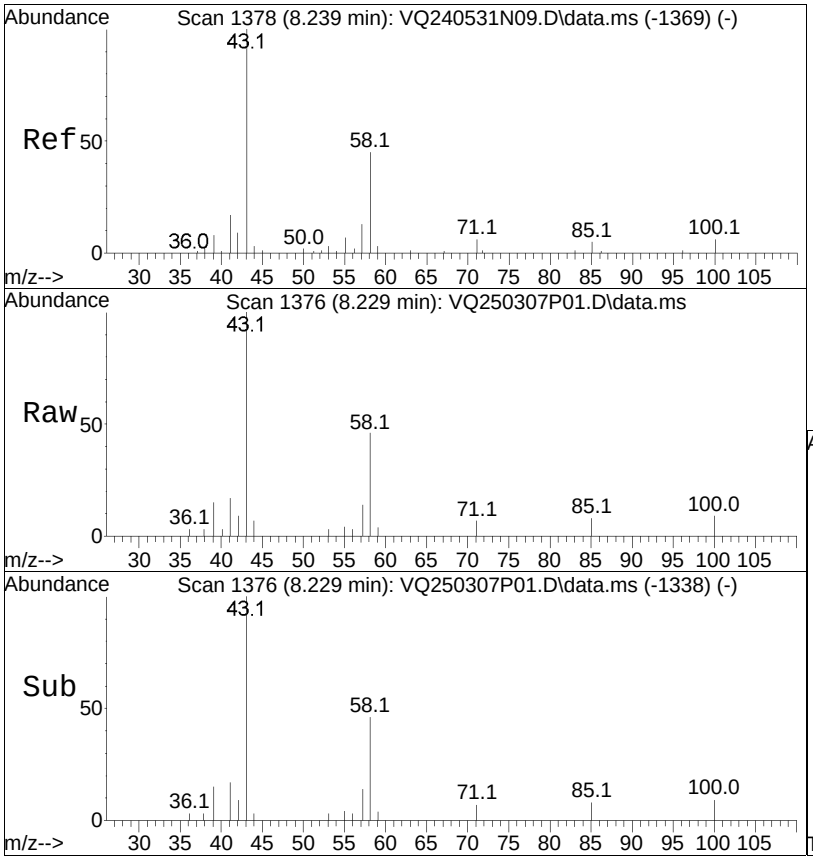


#75
1,2-Dibromoethane
Concen: 9.46 ug/L
RT: 7.899 min Scan# 1313
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:107 Resp: 46593

Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.7	113.5

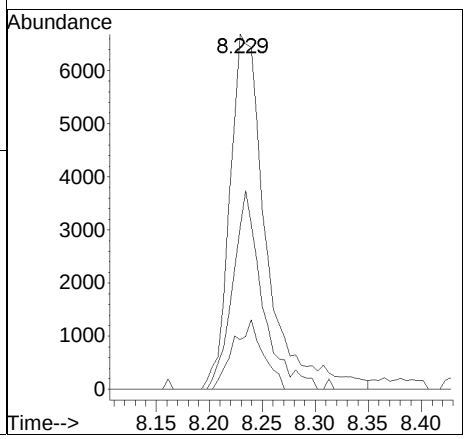


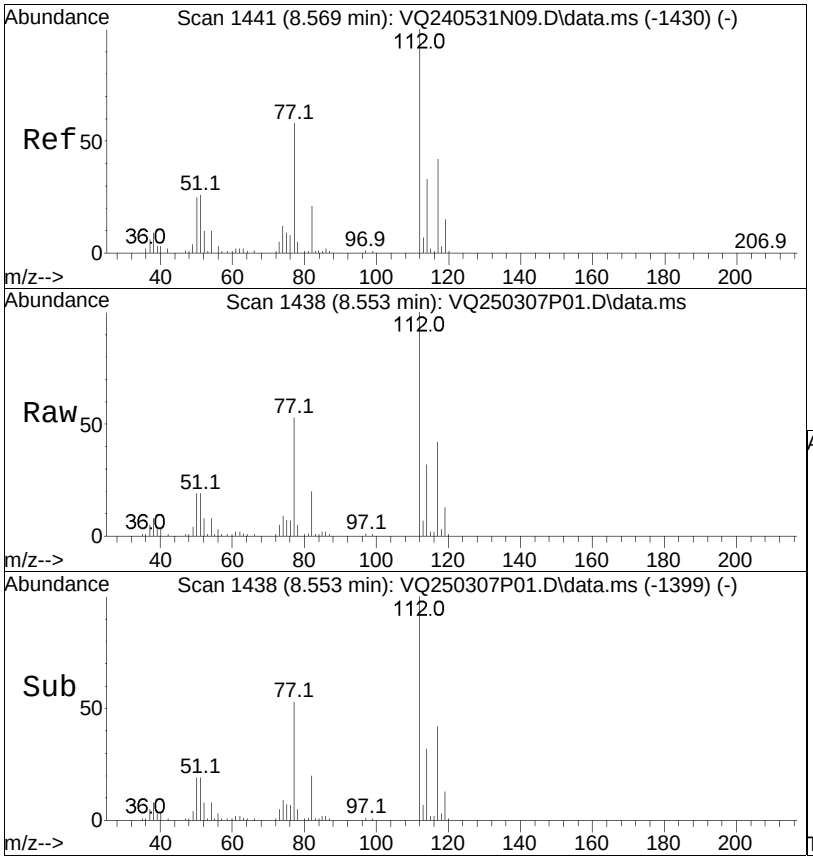


#77
2-Hexanone
Concen: 6.46 ug/L
RT: 8.229 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 43 Resp: 16012

Ion	Ratio	Lower	Upper
43	100		
58	45.8	38.2	57.4
57	16.0	14.1	21.1

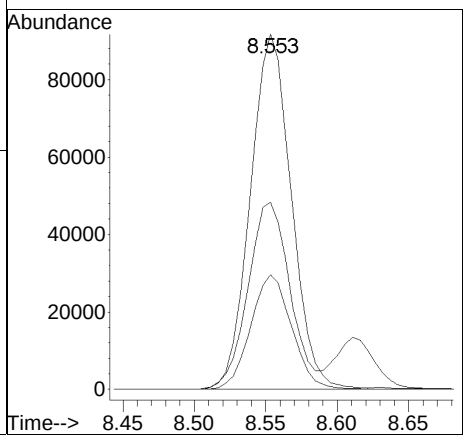


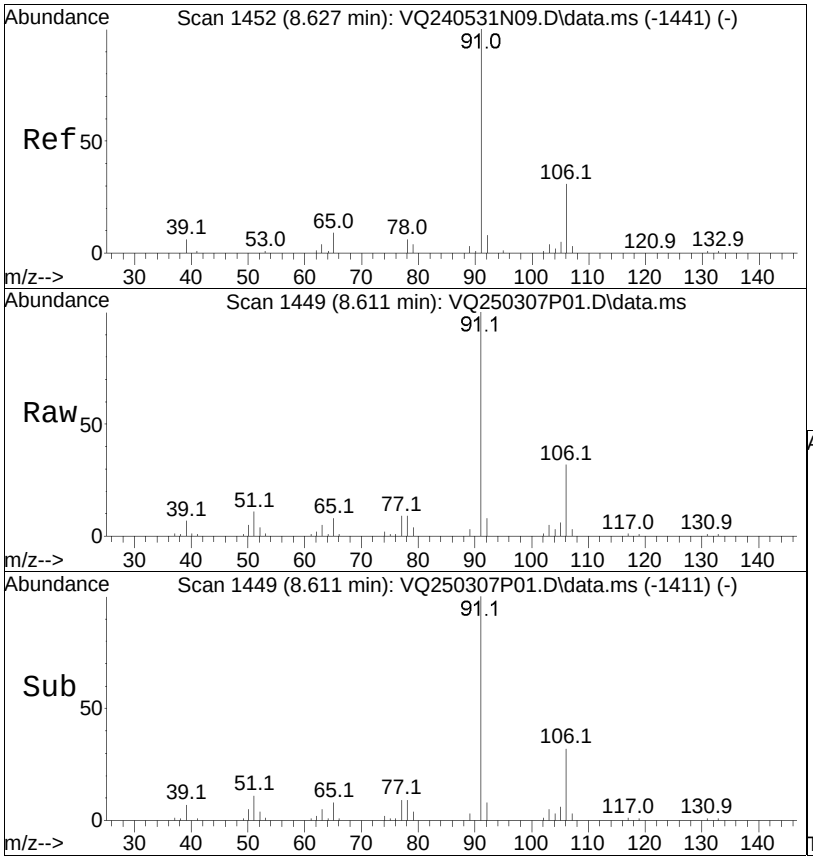


#78
Chlorobenzene
Concen: 9.67 ug/L
RT: 8.553 min Scan# 1438
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:112 Resp: 182959

Ion	Ratio	Lower	Upper
112	100		
77	53.8	50.7	76.1
114	32.3	25.6	38.4

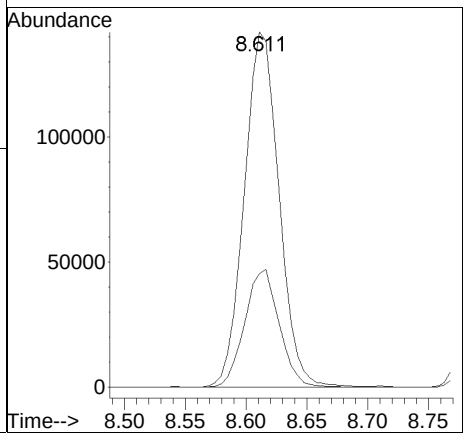


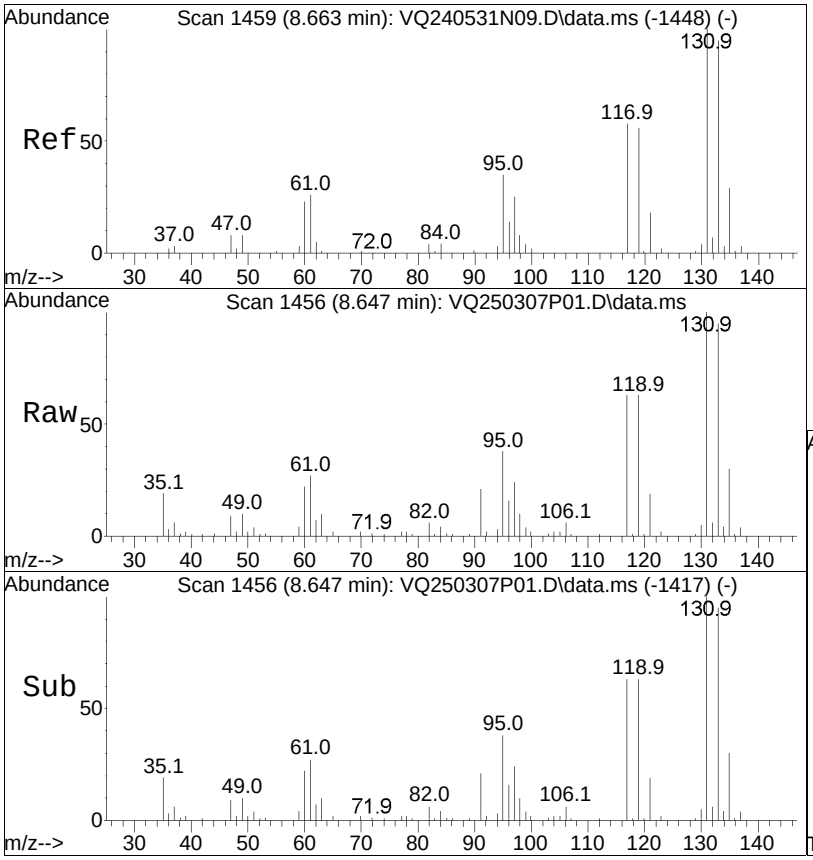


#79
Ethylbenzene
Concen: 8.63 ug/L
RT: 8.611 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 91 Resp: 282747

Ion	Ratio	Lower	Upper
91	100		
106	33.0	24.6	36.8

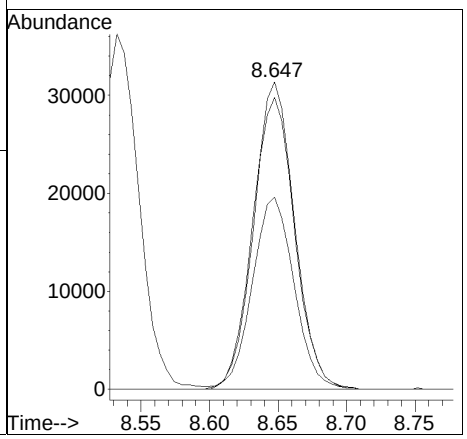


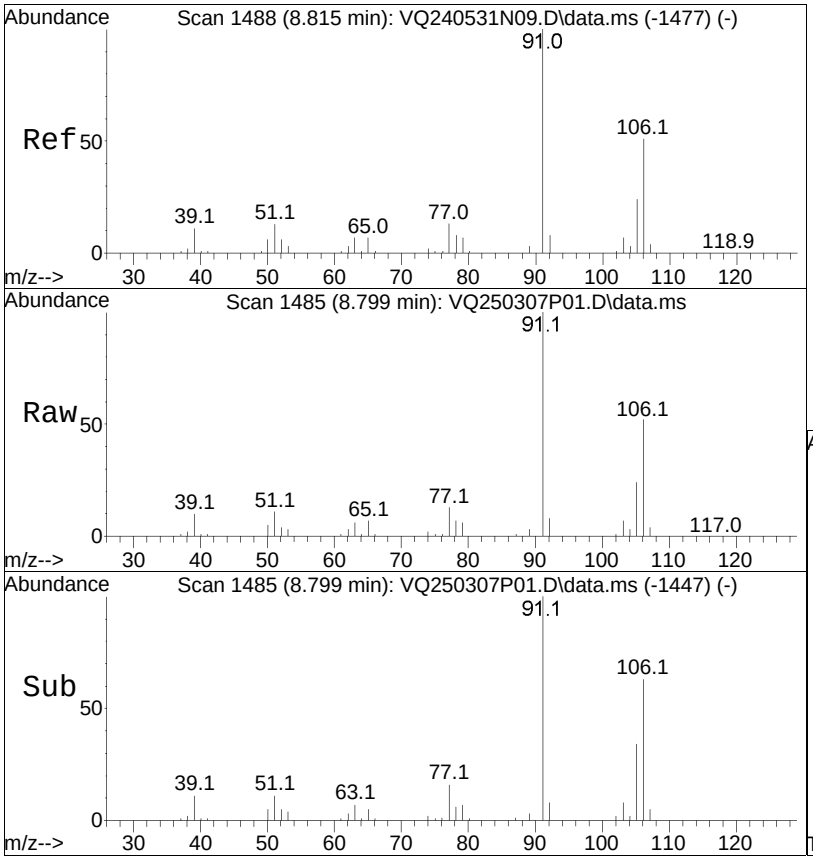


#80
1,1,1,2-Tetrachloroethane
Concen: 9.60 ug/L
RT: 8.647 min Scan# 1456
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:131 Resp: 66192

Ion	Ratio	Lower	Upper
131	100		
133	95.1	75.2	115.2
119	63.1	40.8	80.8

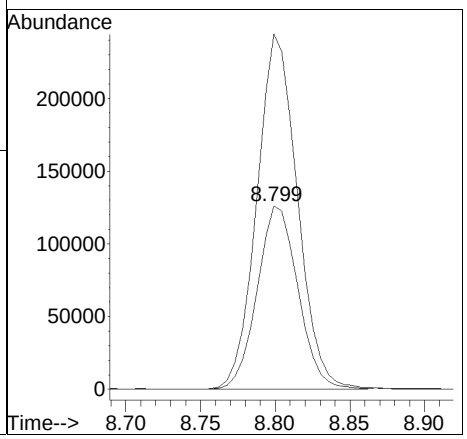


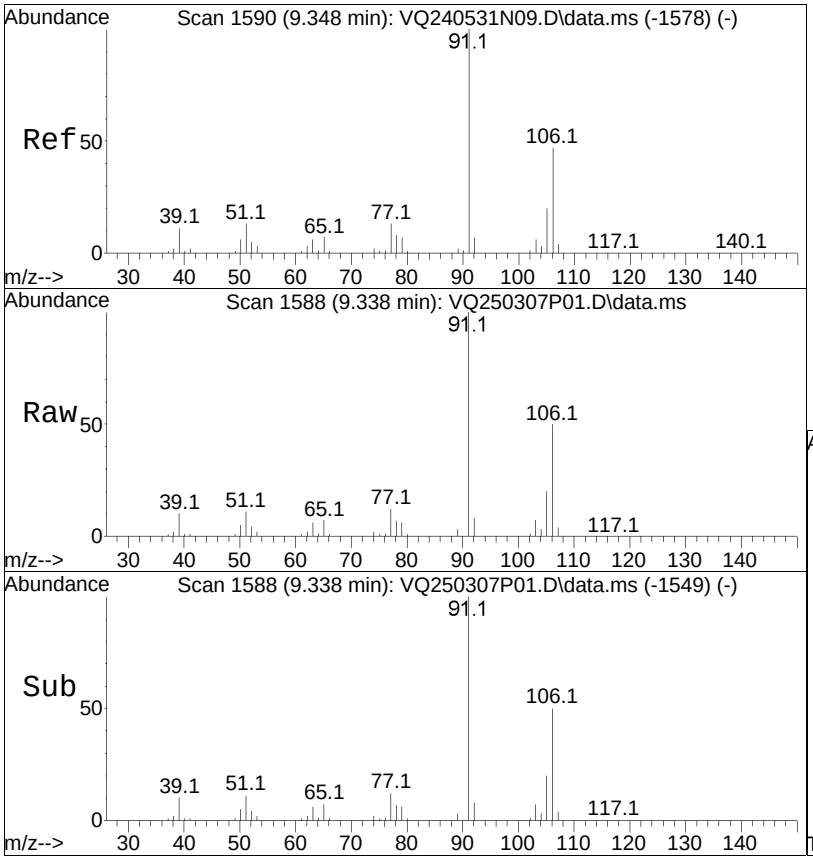


#81
p/m Xylene
Concen: 18.09 ug/L
RT: 8.799 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:106 Resp: 239775

Ion	Ratio	Lower	Upper
106	100		
91	193.2	165.5	248.3

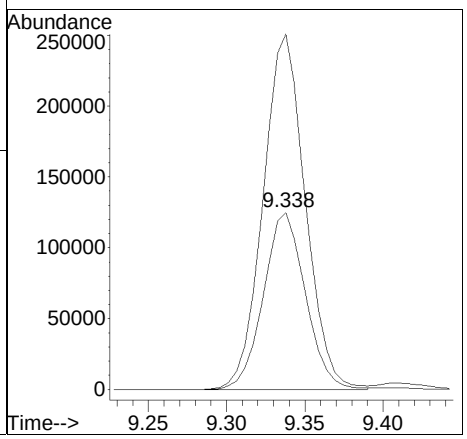


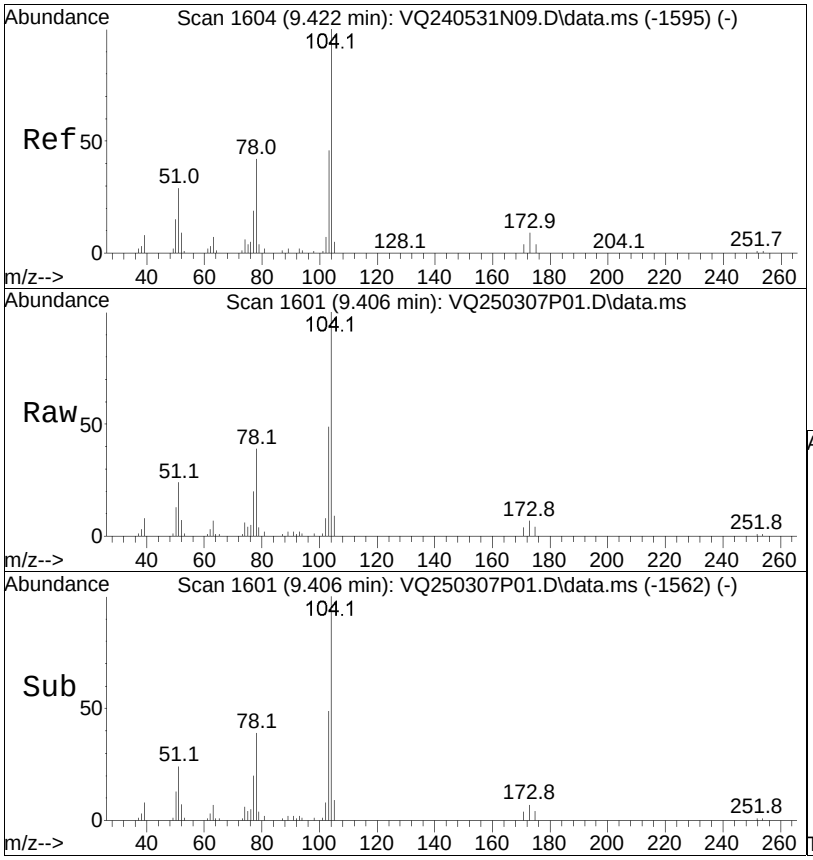


#82
o Xylene
Concen: 17.88 ug/L
RT: 9.338 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:106 Resp: 232371

Ion	Ratio	Lower	Upper
106	100		
91	202.1	176.5	264.7

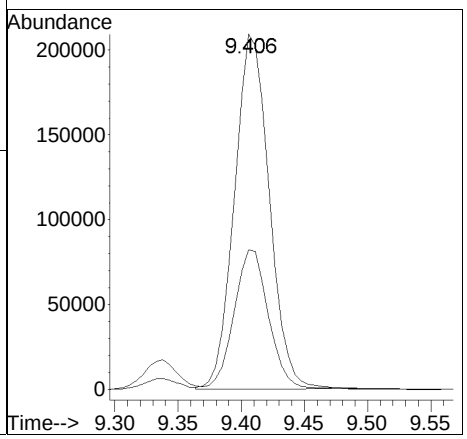


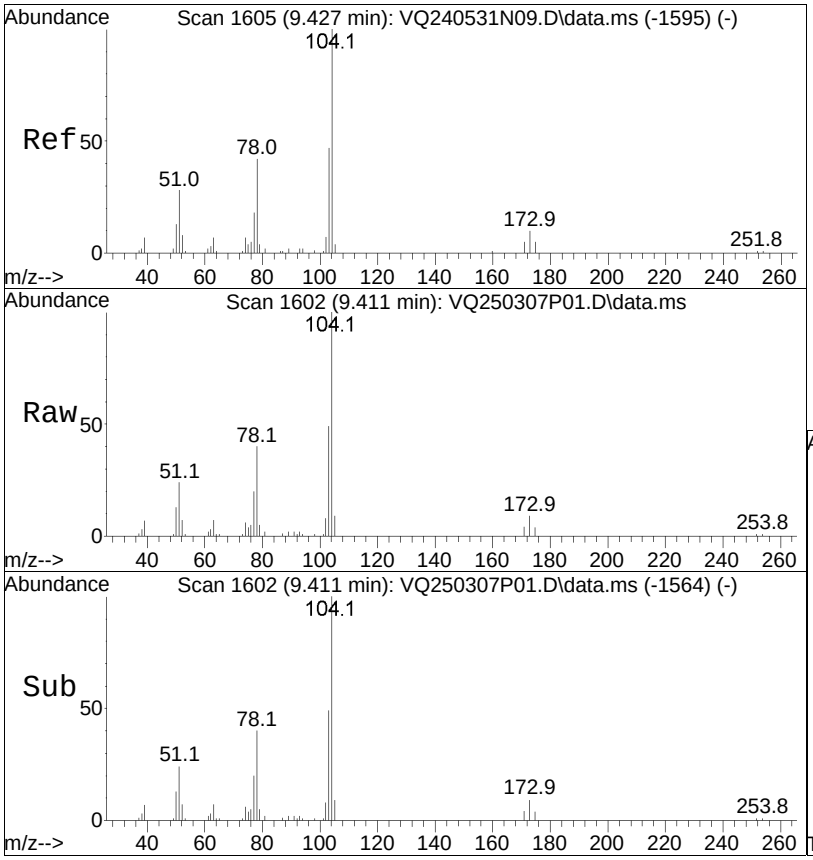


#83
Styrene
Concen: 18.45 ug/L
RT: 9.406 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:104 Resp: 400959

Ion	Ratio	Lower	Upper
104	100		
78	39.0	37.5	56.3

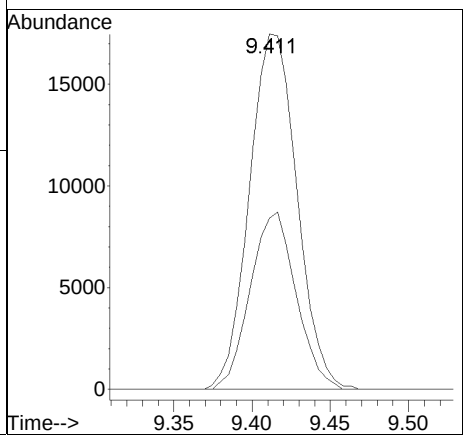


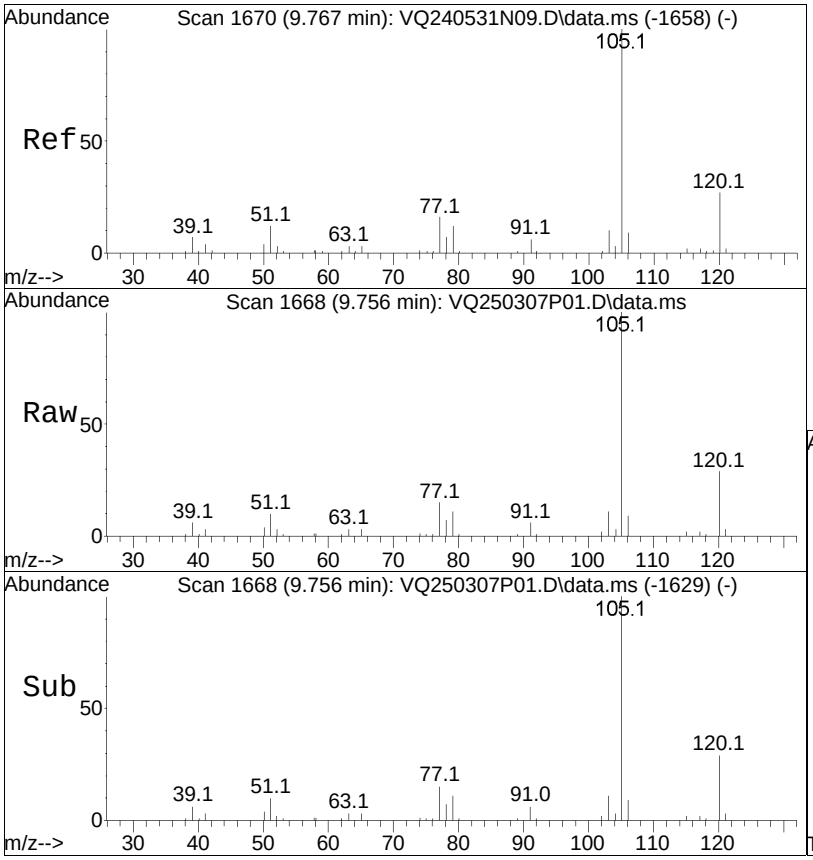


#85
Bromoform
Concen: 8.47 ug/L
RT: 9.411 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:173 Resp: 37052

Ion	Ratio	Lower	Upper
173	100		
175	48.0	29.0	69.0

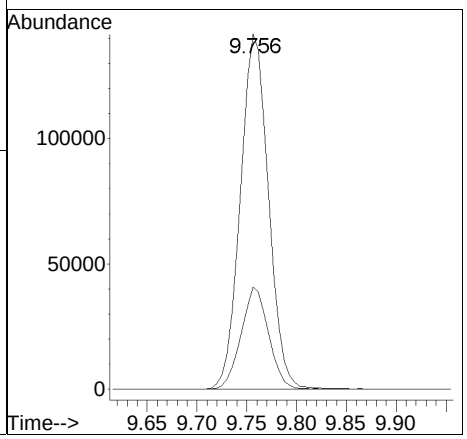


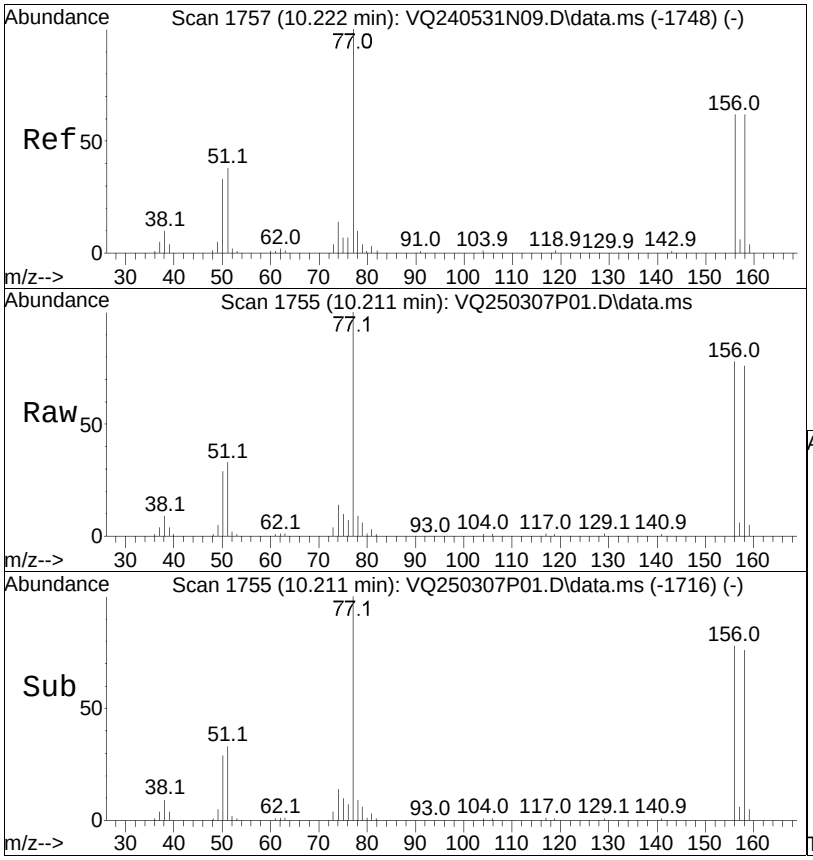


#87
Isopropylbenzene
Concen: 8.02 ug/L
RT: 9.756 min Scan# 1668
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:105 Resp: 279089

Ion	Ratio	Lower	Upper
105	100		
120	28.1	6.5	46.5

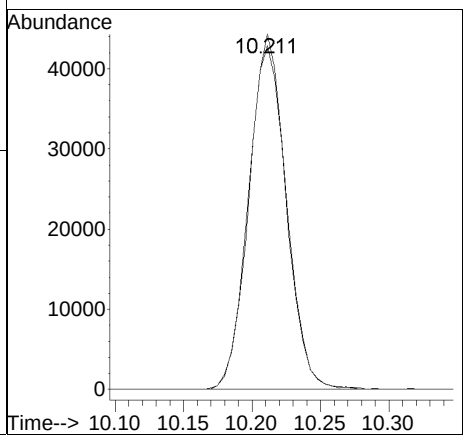


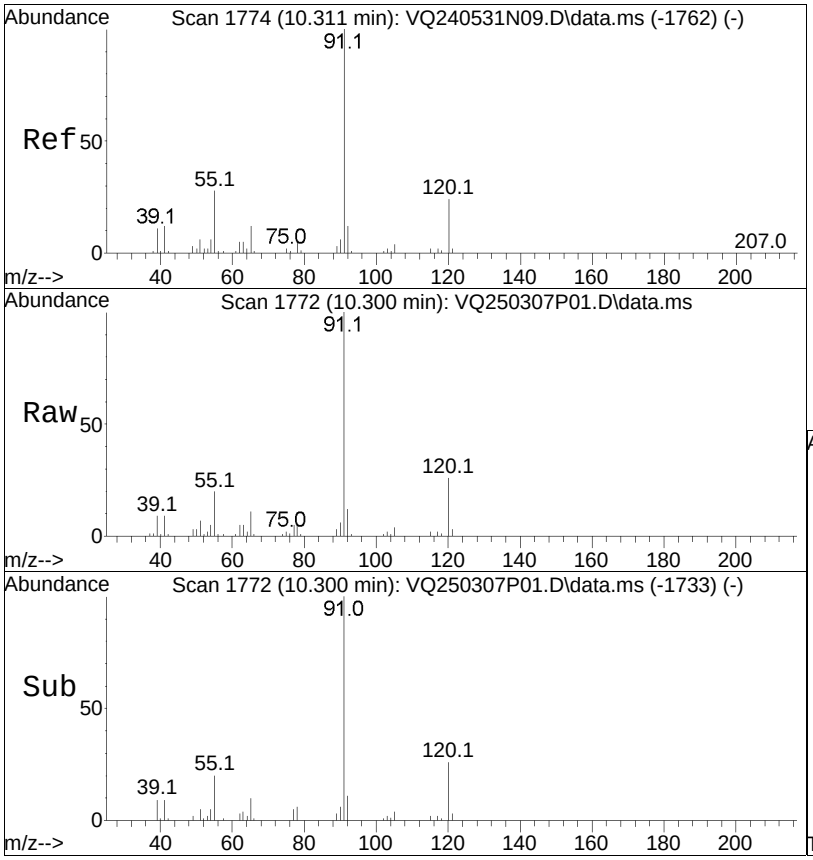


#89
Bromobenzene
Concen: 9.51 ug/L
RT: 10.211 min Scan# 1755
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:156 Resp: 84202

Ion	Ratio	Lower	Upper
156	100		
158	97.8	77.7	116.5

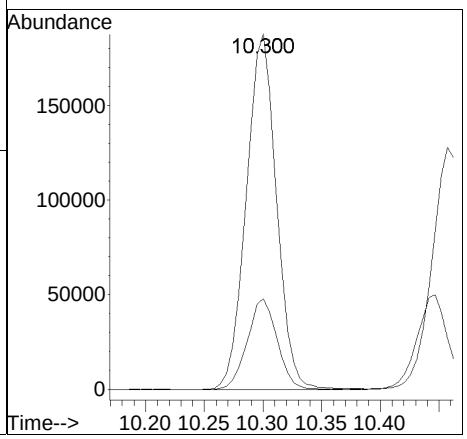


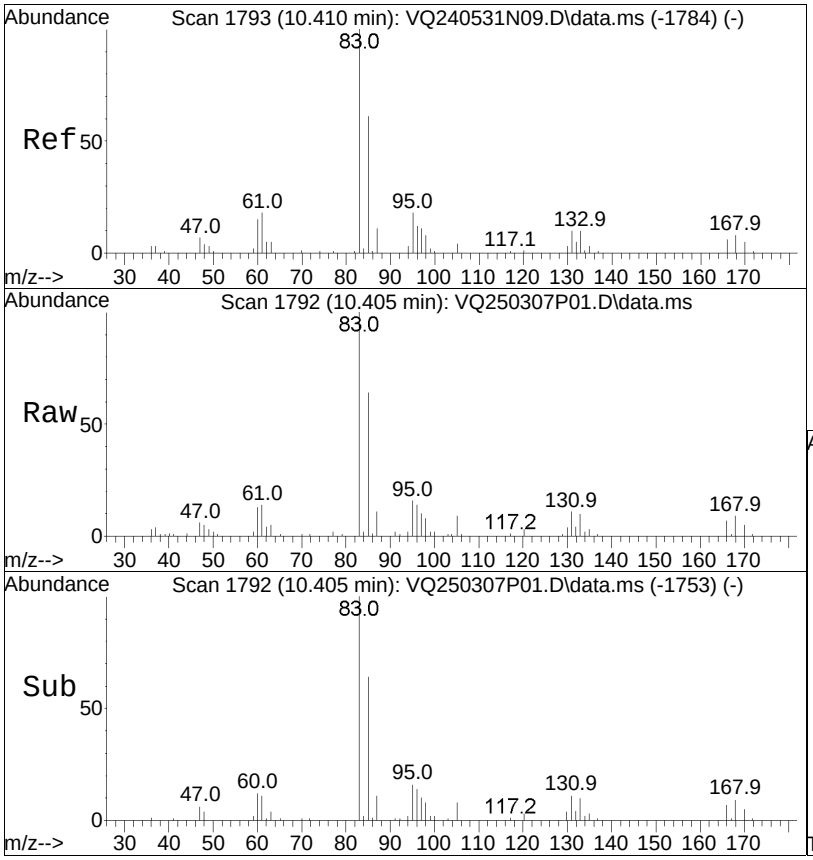


#90
n-Propylbenzene
Concen: 8.13 ug/L
RT: 10.300 min Scan# 1772
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 91 Resp: 335686

Ion	Ratio	Lower	Upper
91	100		
120	25.2	18.8	28.2

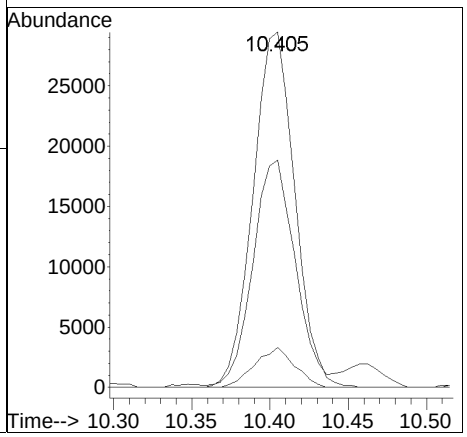


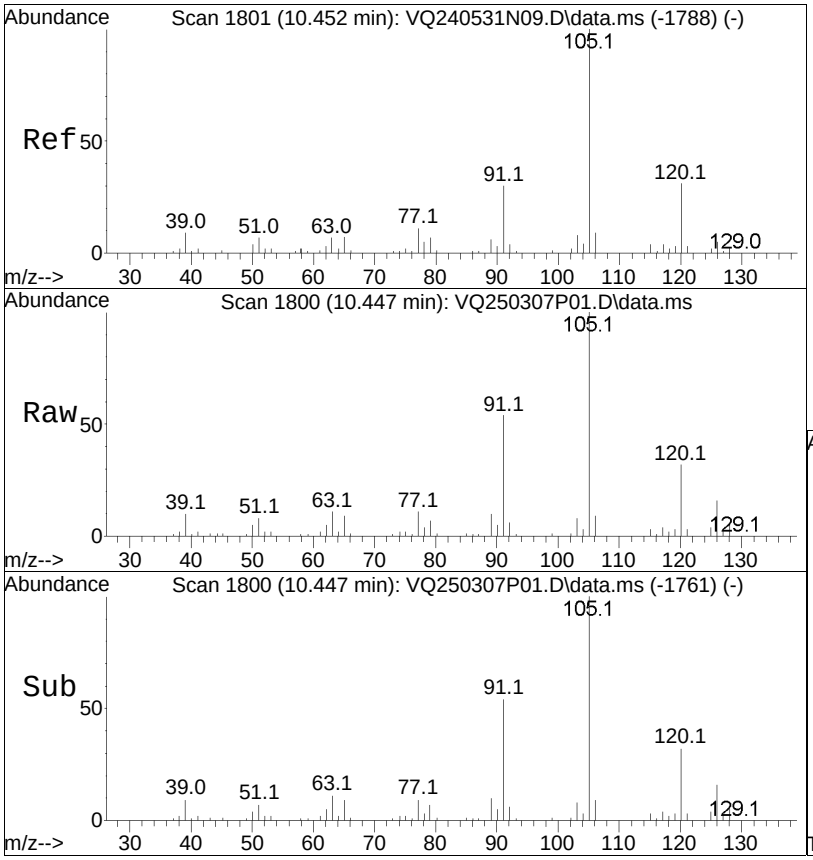


#92
1,1,2,2-Tetrachloroethane
Concen: 8.94 ug/L
RT: 10.405 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 83 Resp: 54754

Ion	Ratio	Lower	Upper
83	100		
131	10.8	0.0	31.0
85	64.4	45.4	85.4

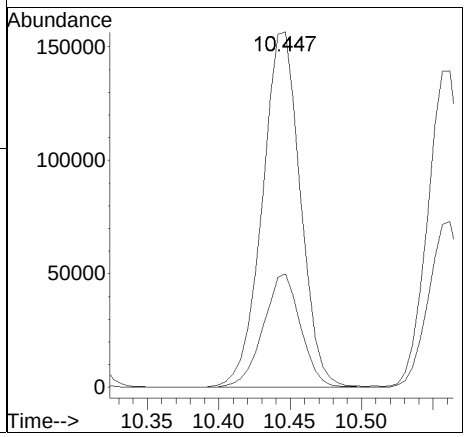


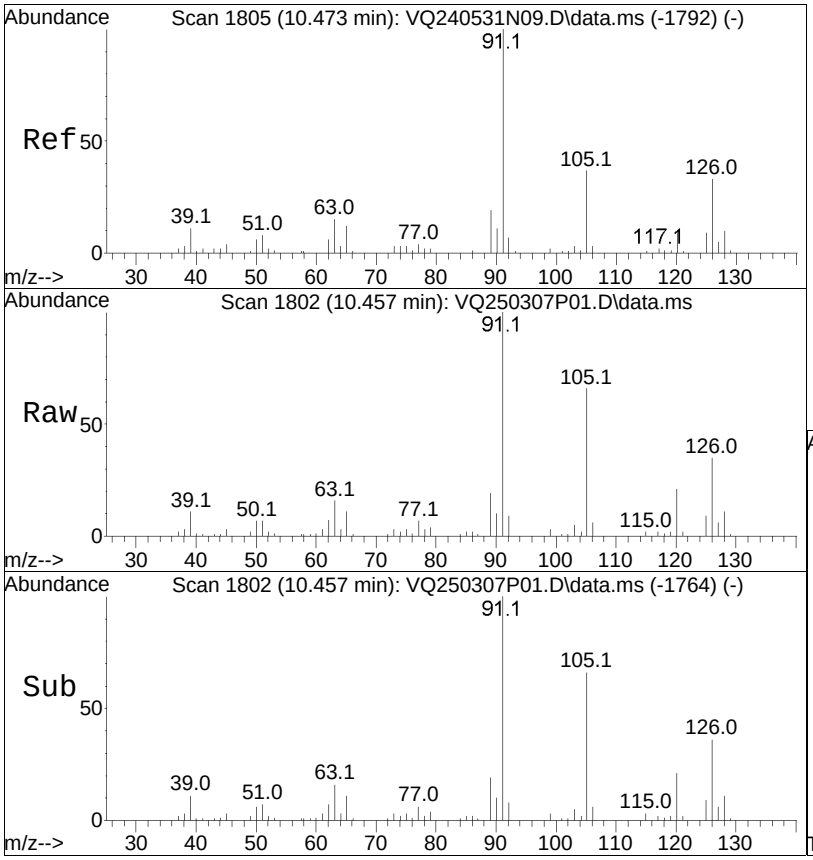


#93
4-Ethyltoluene
Concen: 8.24 ug/L
RT: 10.447 min Scan# 1800
Delta R.T. 0.006 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:105 Resp: 290825

Ion	Ratio	Lower	Upper
105	100		
120	31.4	19.5	40.5

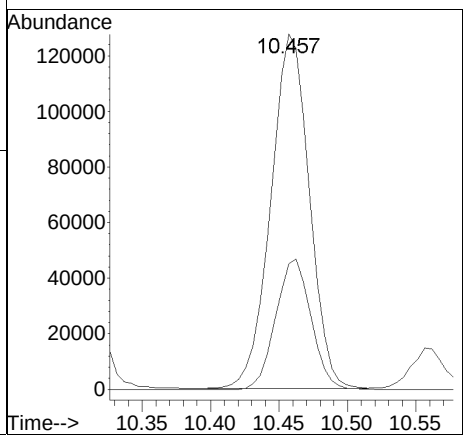


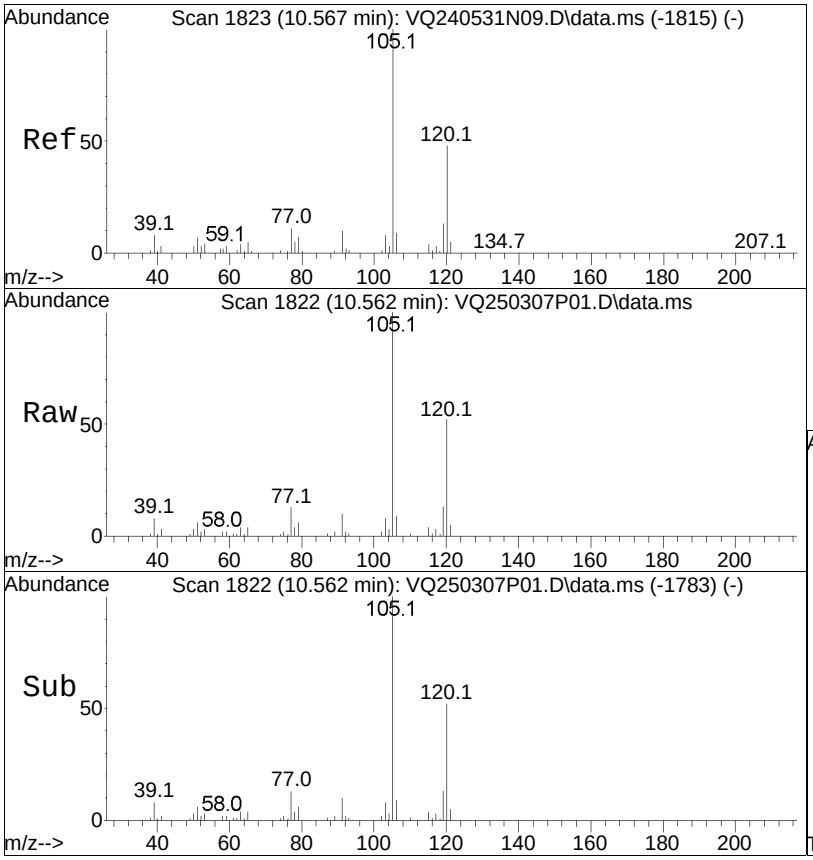


#94
2-Chlorotoluene
Concen: 8.51 ug/L
RT: 10.457 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 91 Resp: 249626

Ion	Ratio	Lower	Upper
91	100		
126	33.6	23.5	35.3

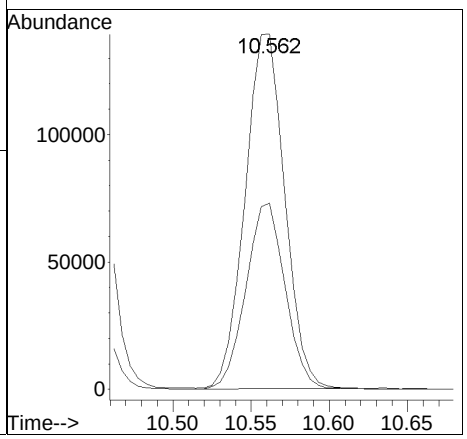


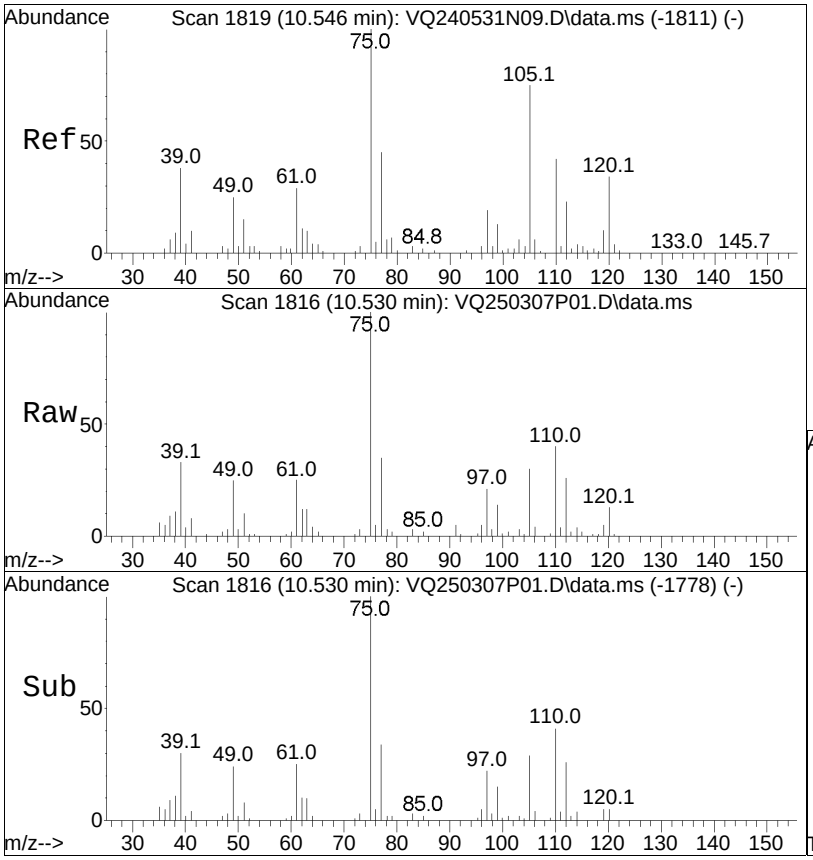


#95
1,3,5-Trimethylbenzene
Concen: 8.30 ug/L
RT: 10.562 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:105 Resp: 246050

Ion	Ratio	Lower	Upper
105	100		
120	52.2	39.3	58.9

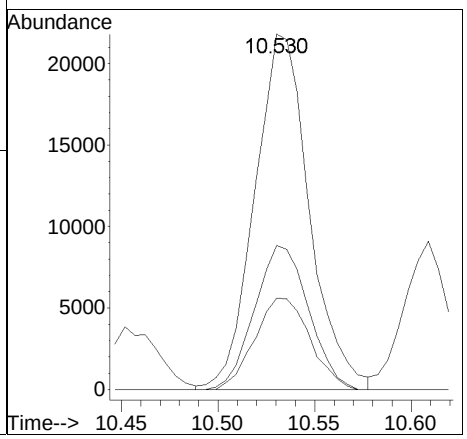


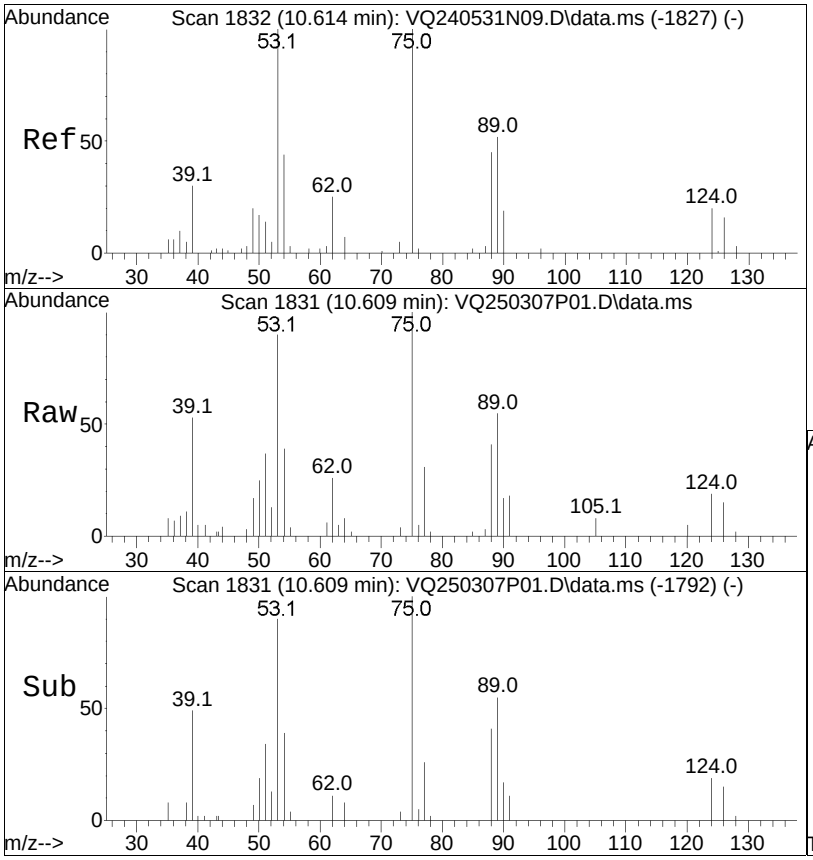


#96
1,2,3-Trichloropropane
Concen: 8.48 ug/L
RT: 10.530 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 75 Resp: 42781

Ion	Ratio	Lower	Upper
75	100		
110	40.0	22.9	47.5
112	26.0	14.6	30.4

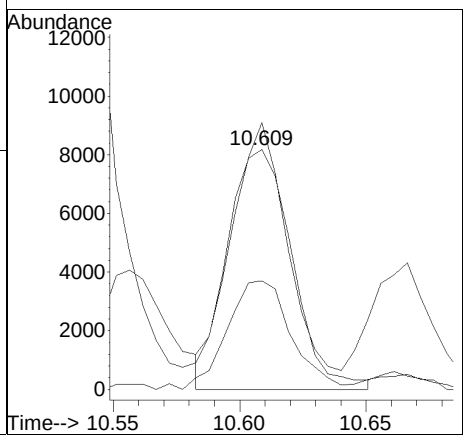


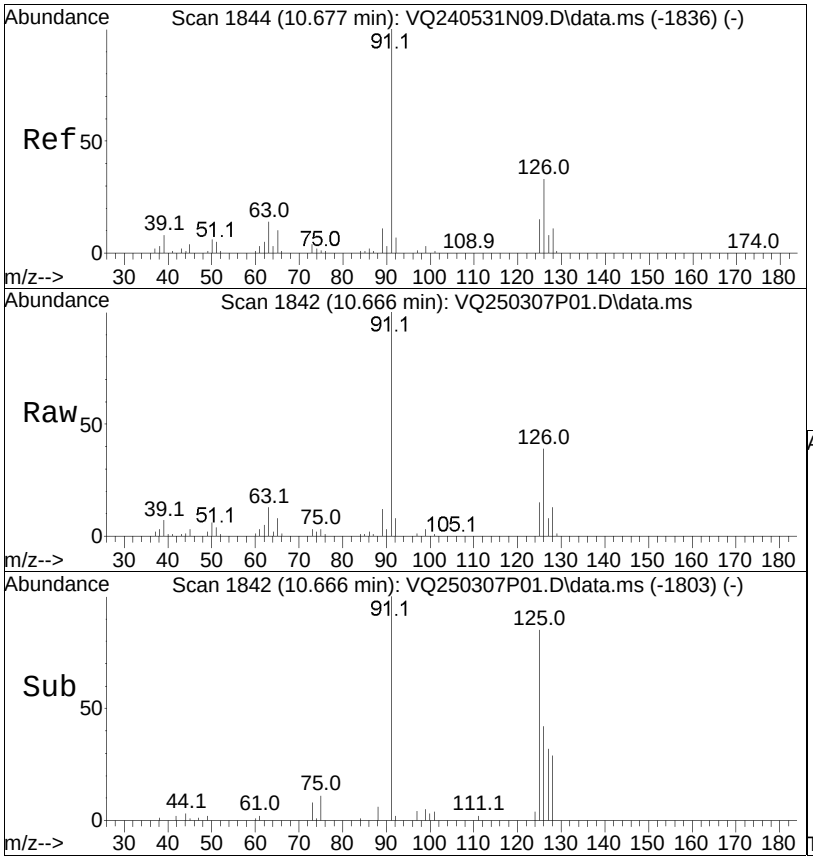


#97
trans-1,4-Dichloro-2-butene
Concen: 7.78 ug/L
RT: 10.609 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 53 Resp: 14591

Ion	Ratio	Lower	Upper
53	100		
88	44.8	44.2	66.4
75	99.4	97.1	145.7

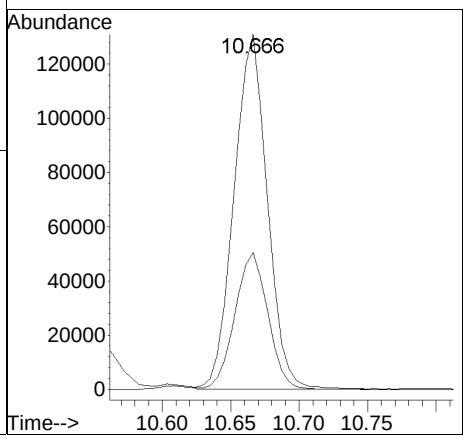


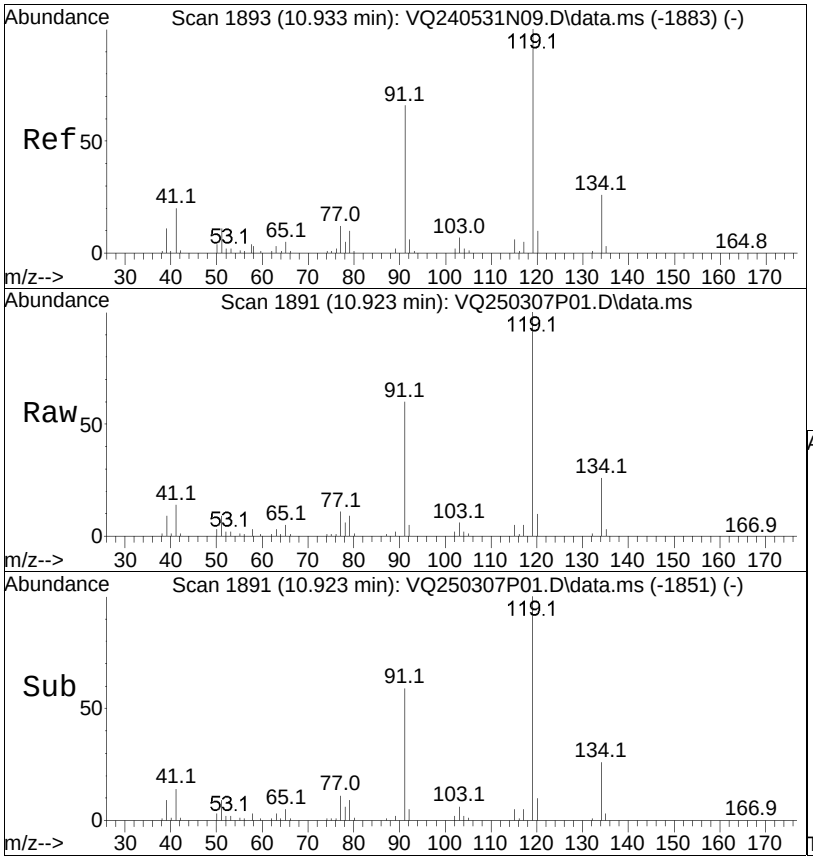


#98
4-Chlorotoluene
Concen: 8.48 ug/L
RT: 10.666 min Scan# 1842
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 91 Resp: 219890

Ion	Ratio	Lower	Upper
91	100		
126	38.4	27.0	40.6

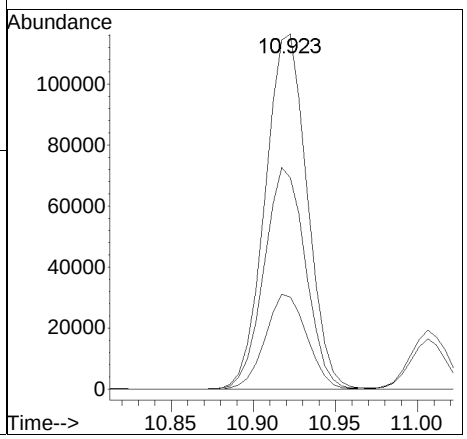


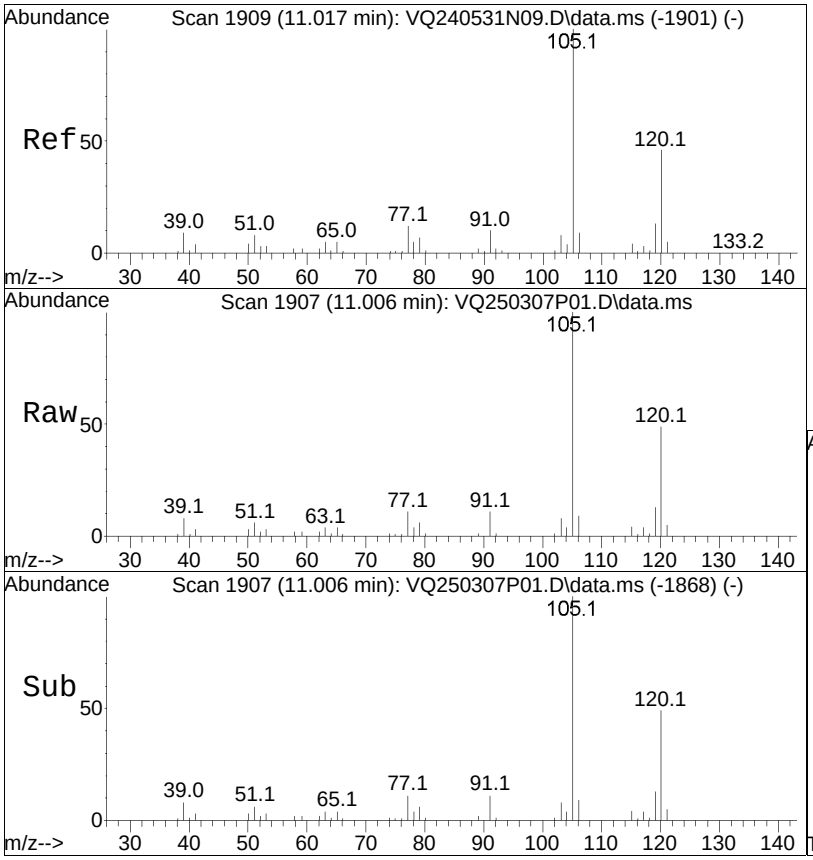


#99
tert-Butylbenzene
Concen: 8.13 ug/L
RT: 10.923 min Scan# 1891
Delta R.T. 0.011 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:119 Resp: 206992

Ion	Ratio	Lower	Upper
119	100		
91	62.0	55.8	83.8
134	26.6	20.3	30.5

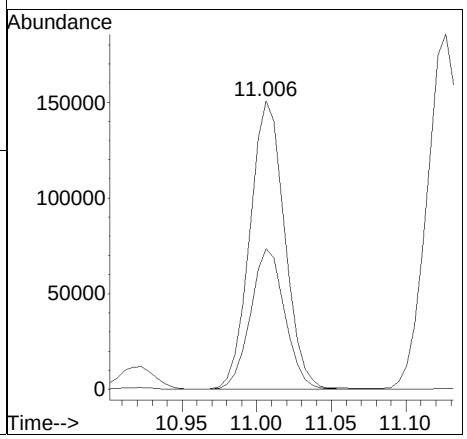


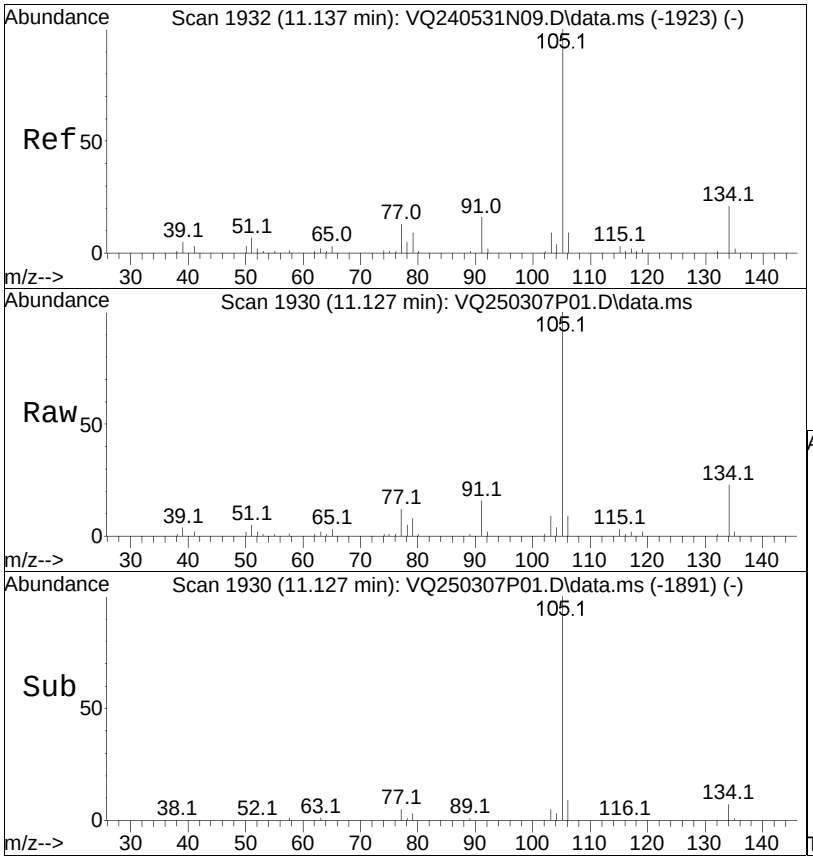


#102
1,2,4-Trimethylbenzene
Concen: 8.41 ug/L
RT: 11.006 min Scan# 1907
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:105 Resp: 244249

Ion	Ratio	Lower	Upper
105	100		
120	48.1	36.3	54.5

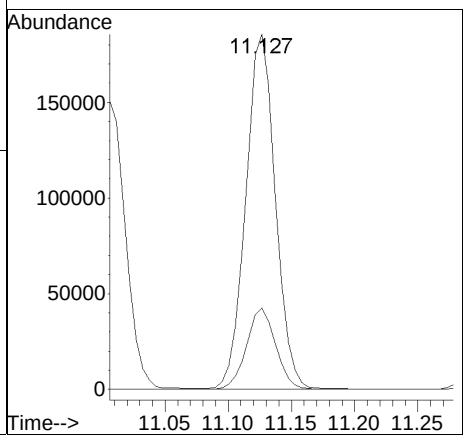


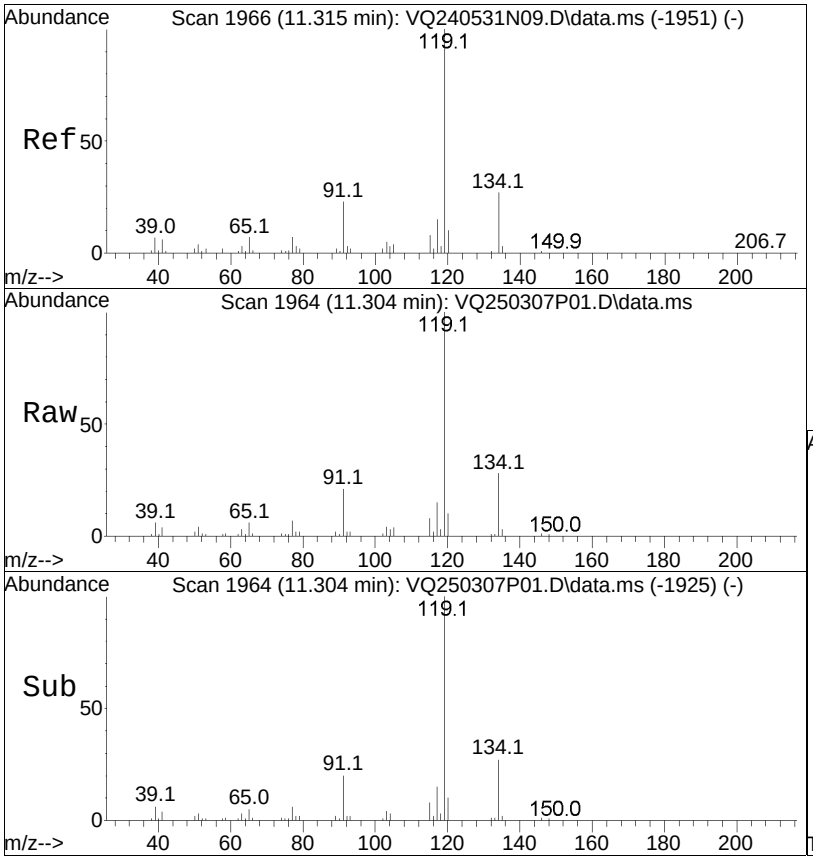


#103
sec-Butylbenzene
Concen: 8.34 ug/L
RT: 11.127 min Scan# 1930
Delta R.T. 0.006 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:105 Resp: 302440

Ion	Ratio	Lower	Upper
105	100		
134	22.5	14.2	29.4

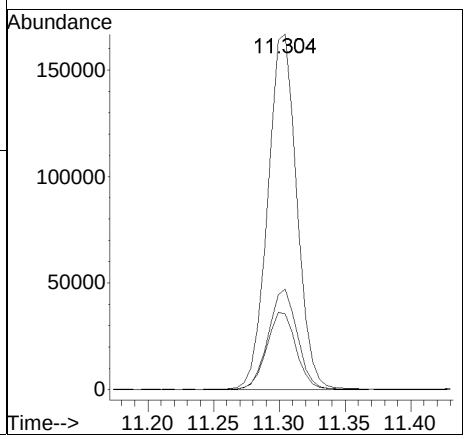


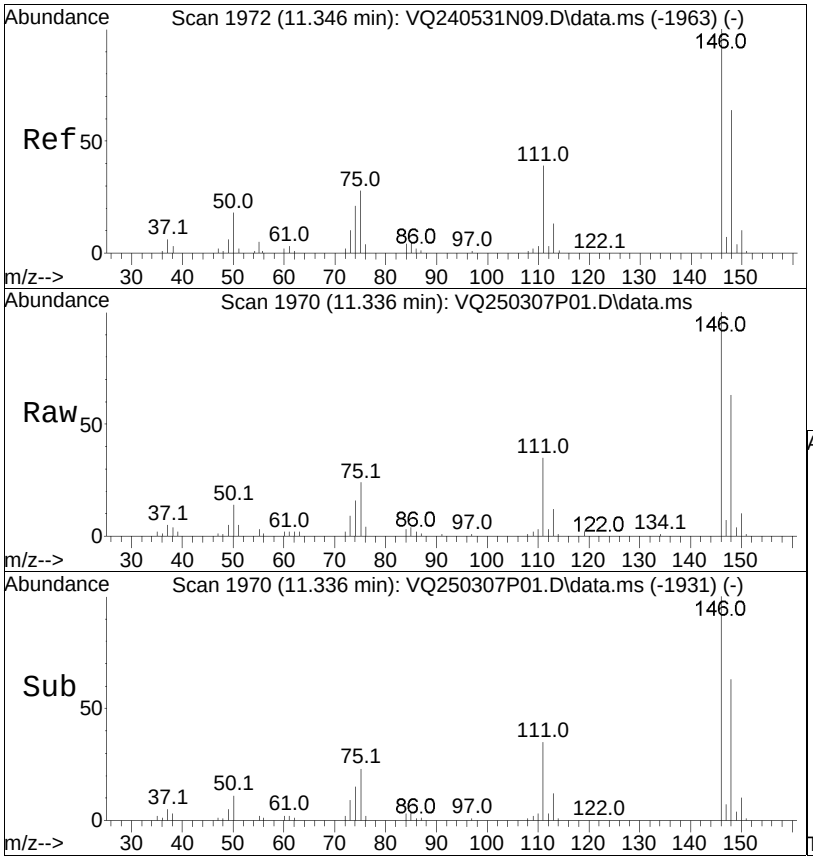


#104
p-Isopropyltoluene
Concen: 8.02 ug/L
RT: 11.304 min Scan# 1964
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:119 Resp: 256405

Ion	Ratio	Lower	Upper
119	100		
134	28.1	17.6	36.5
91	22.1	16.3	33.8

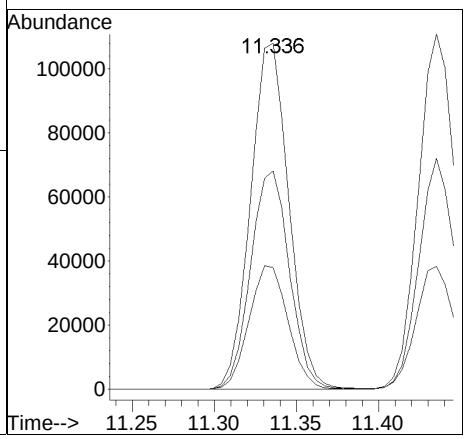


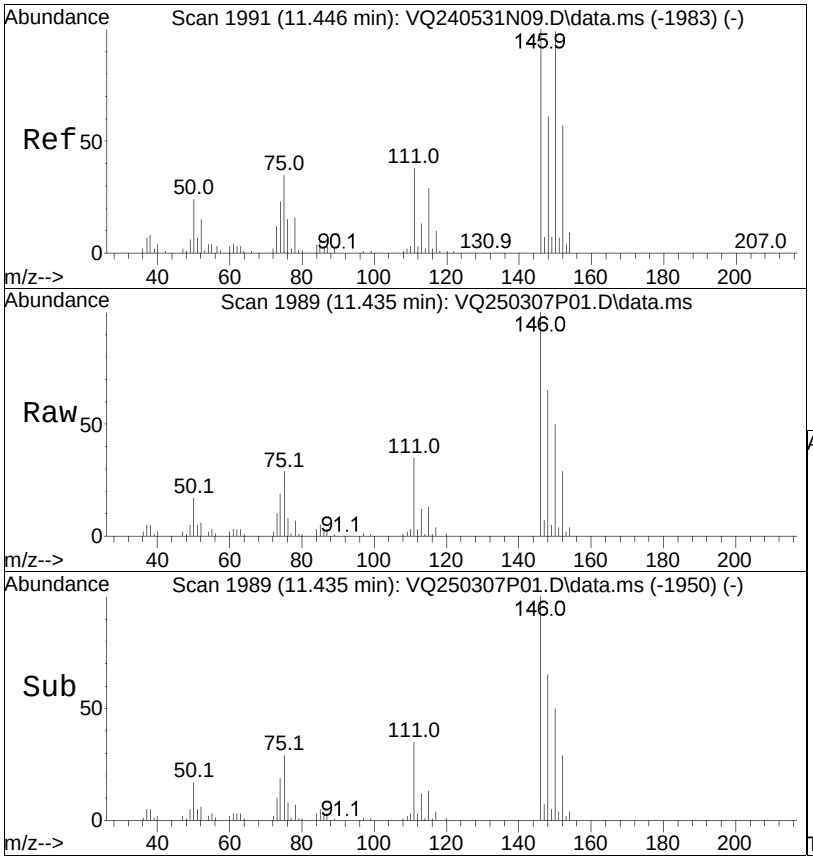


#105
1,3-Dichlorobenzene
Concen: 9.87 ug/L
RT: 11.336 min Scan# 1970
Delta R.T. 0.006 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:146 Resp: 175835

Ion	Ratio	Lower	Upper
146	100		
111	36.3	27.0	56.0
148	63.9	41.2	85.6

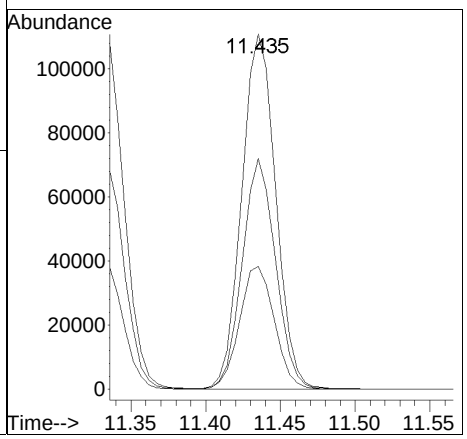


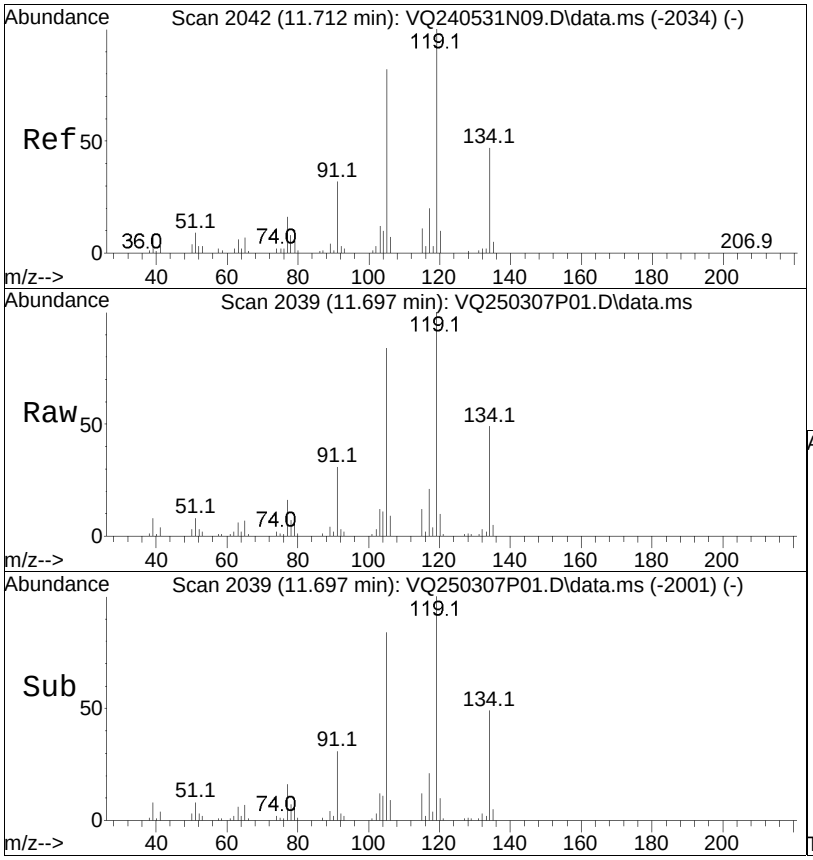


#106
1,4-Dichlorobenzene
Concen: 9.88 ug/L
RT: 11.435 min Scan# 1989
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:146 Resp: 176158

Ion	Ratio	Lower	Upper
146	100		
111	35.6	32.3	48.5
148	63.9	51.0	76.6

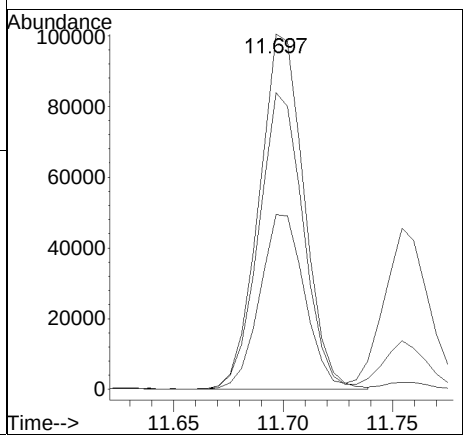


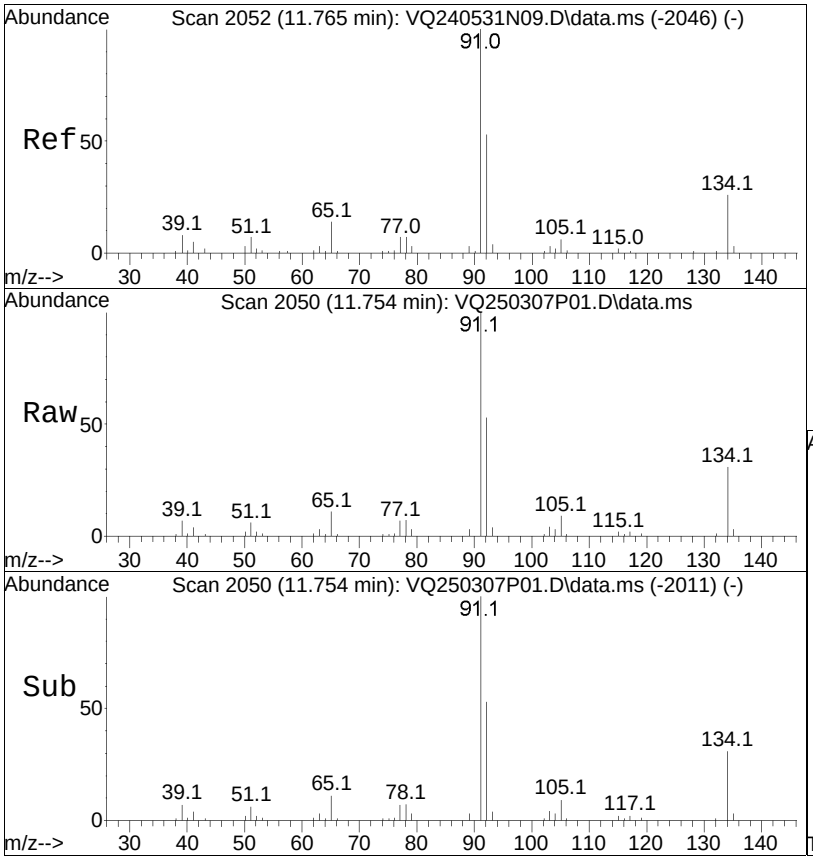


#107
p-Diethylbenzene
Concen: 7.74 ug/L
RT: 11.697 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:119 Resp: 143487

Ion	Ratio	Lower	Upper
119	100		
105	82.9	54.1	112.3
134	49.1	30.8	64.0

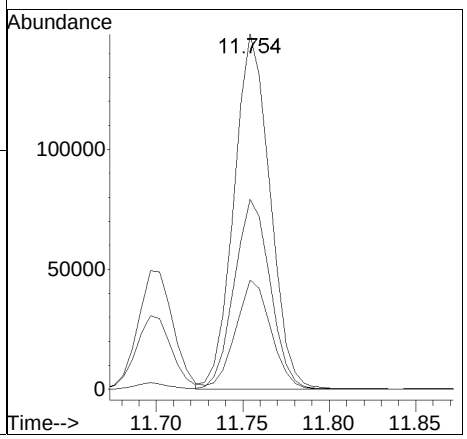


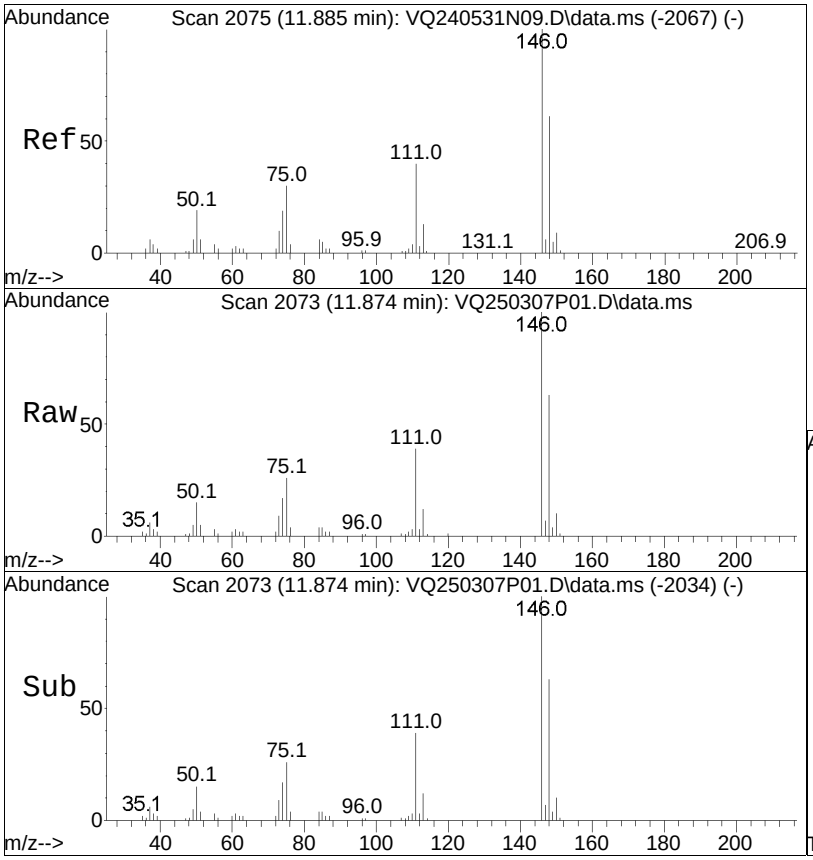


#108
n-Butylbenzene
Concen: 8.23 ug/L
RT: 11.754 min Scan# 2050
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion: 91 Resp: 214034

Ion	Ratio	Lower	Upper
91	100		
92	53.8	43.4	65.0
134	30.3	22.8	34.2

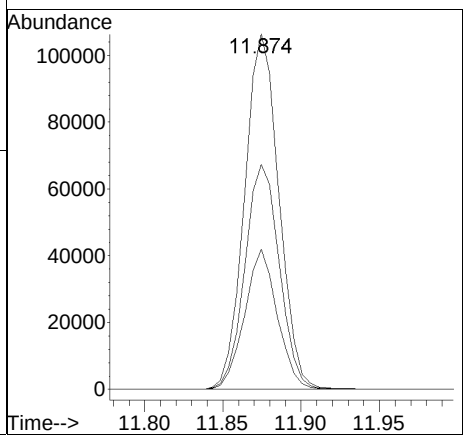


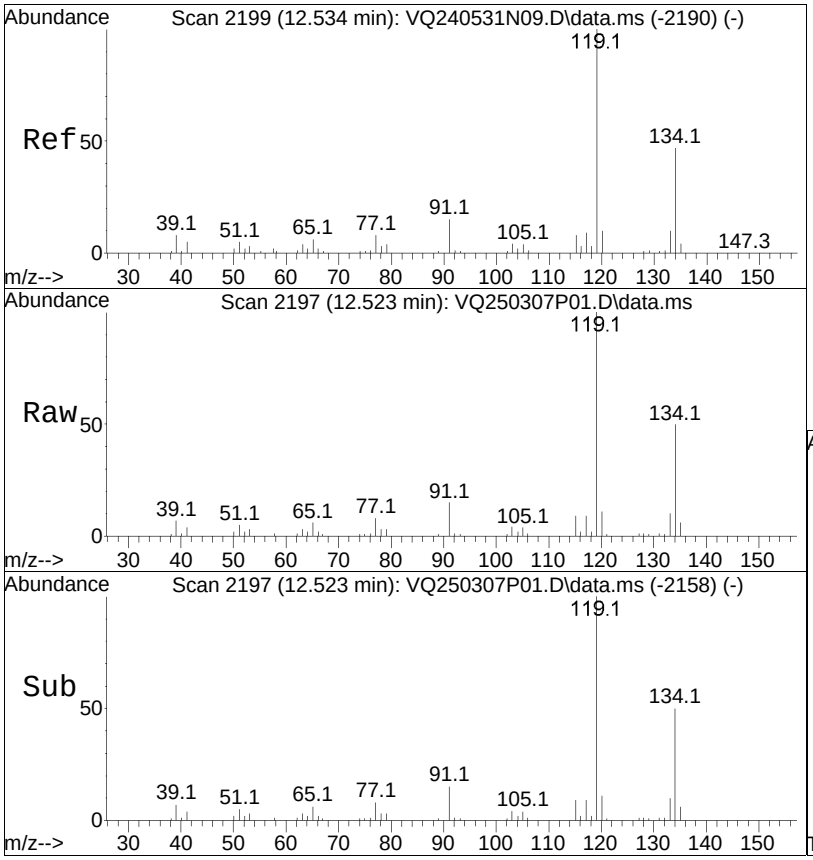


#109
1,2-Dichlorobenzene
Concen: 9.76 ug/L
RT: 11.874 min Scan# 2073
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:146 Resp: 162681

Ion	Ratio	Lower	Upper
146	100		
111	37.6	27.7	57.5
148	63.6	41.3	85.7

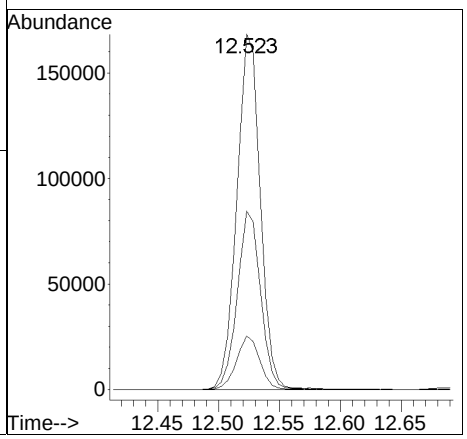


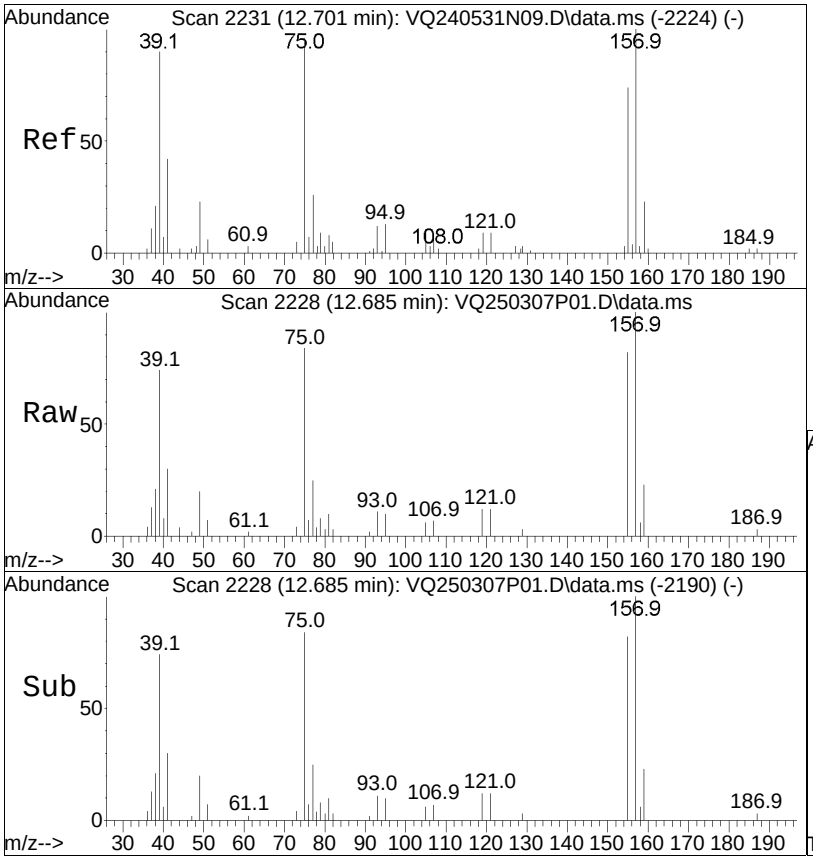


#110
1,2,4,5-Tetramethylbenzene
Concen: 7.68 ug/L
RT: 12.523 min Scan# 2197
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:119 Resp: 225511

Ion	Ratio	Lower	Upper
119	100		
134	49.9	31.9	66.1
91	14.9	11.1	23.0

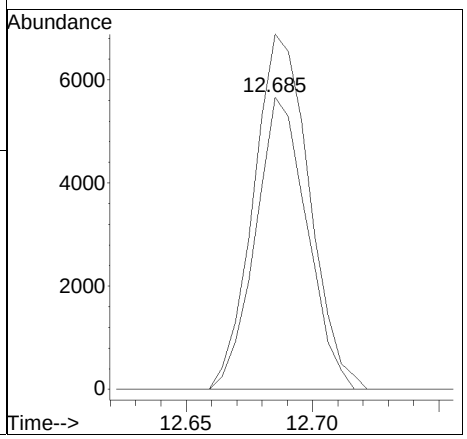


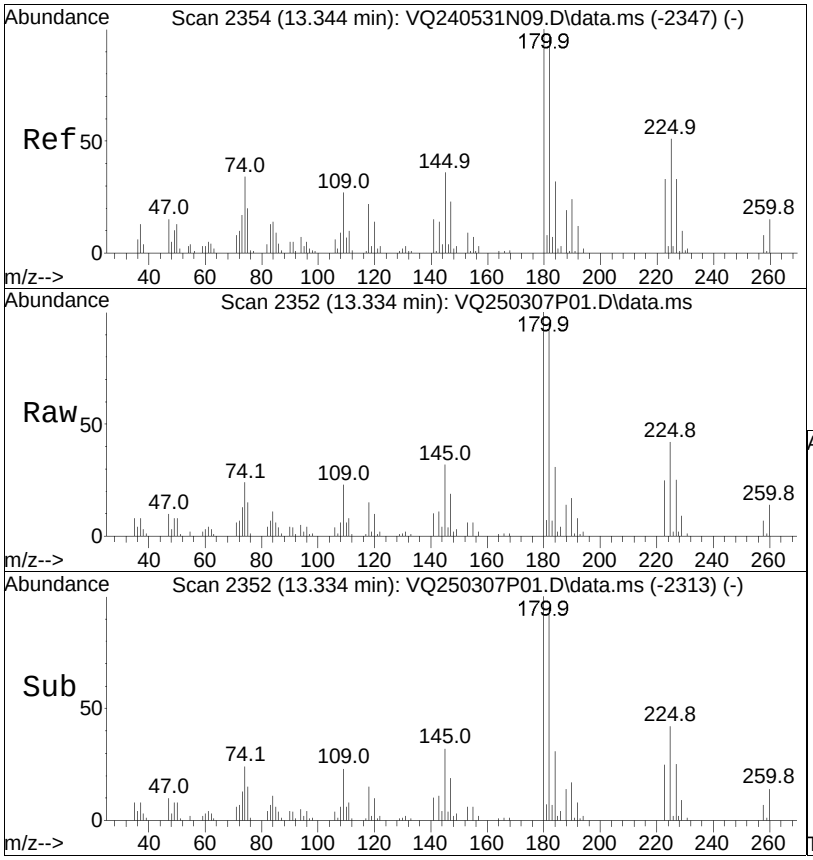


#111
1,2-Dibromo-3-chloropropane
Concen: 8.01 ug/L
RT: 12.685 min Scan# 2228
Delta R.T. 0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:155 Resp: 8027

Ion	Ratio	Lower	Upper
155	100		
157	131.9	100.1	150.1

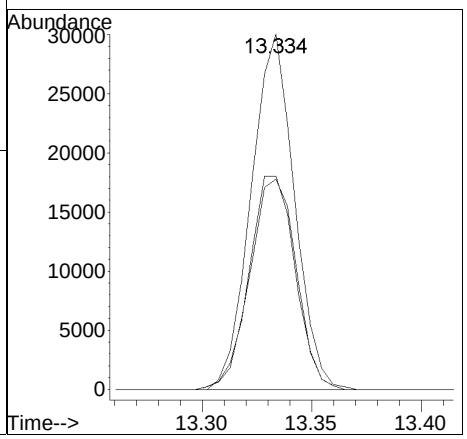


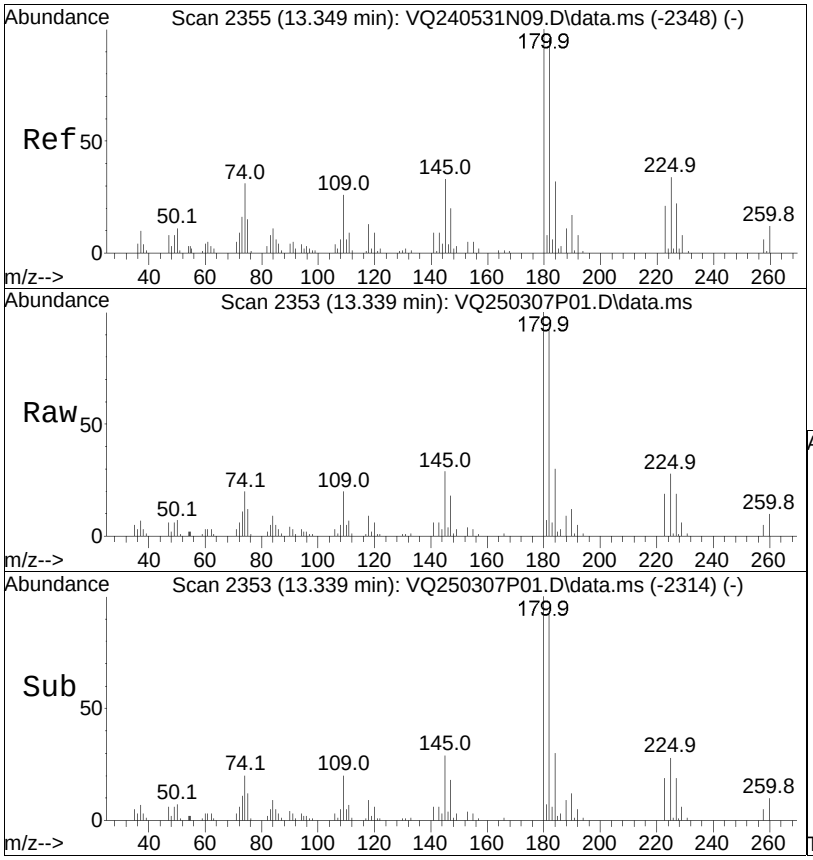


#113
Hexachlorobutadiene
Concen: 9.45 ug/L
RT: 13.334 min Scan# 2352
Delta R.T. 0.006 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:225 Resp: 41233

Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.1	75.1
227	63.5	50.8	76.2

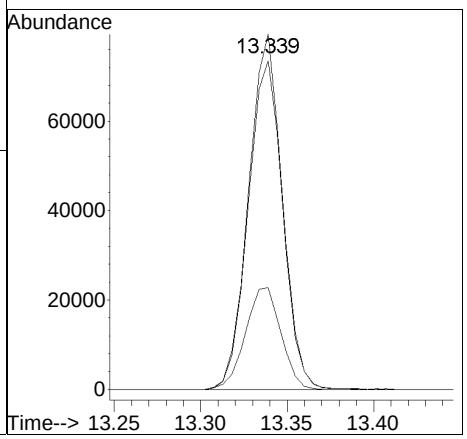


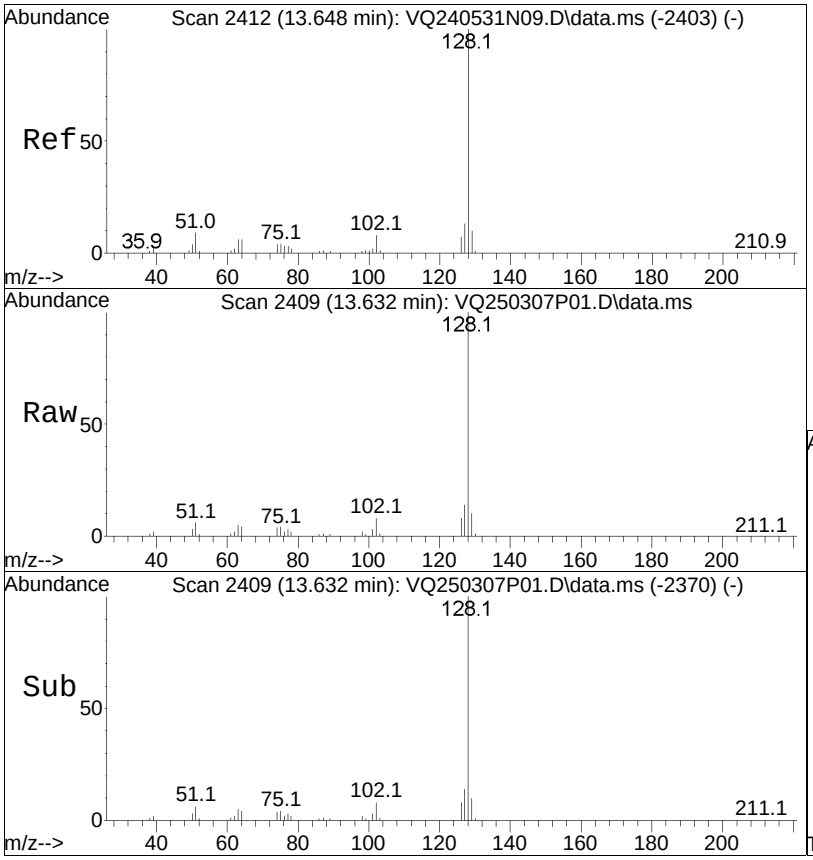


#114
1,2,4-Trichlorobenzene
Concen: 9.09 ug/L
RT: 13.339 min Scan# 2353
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:180 Resp: 107483

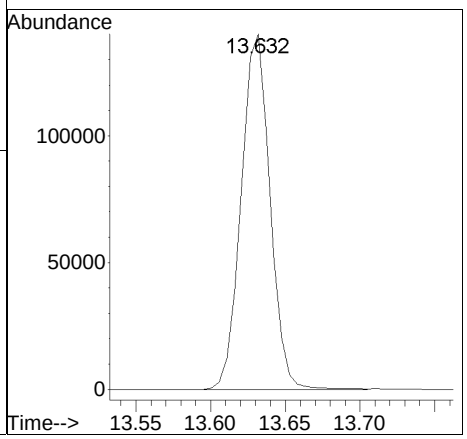
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.0	114.0
145	30.3	28.4	42.6

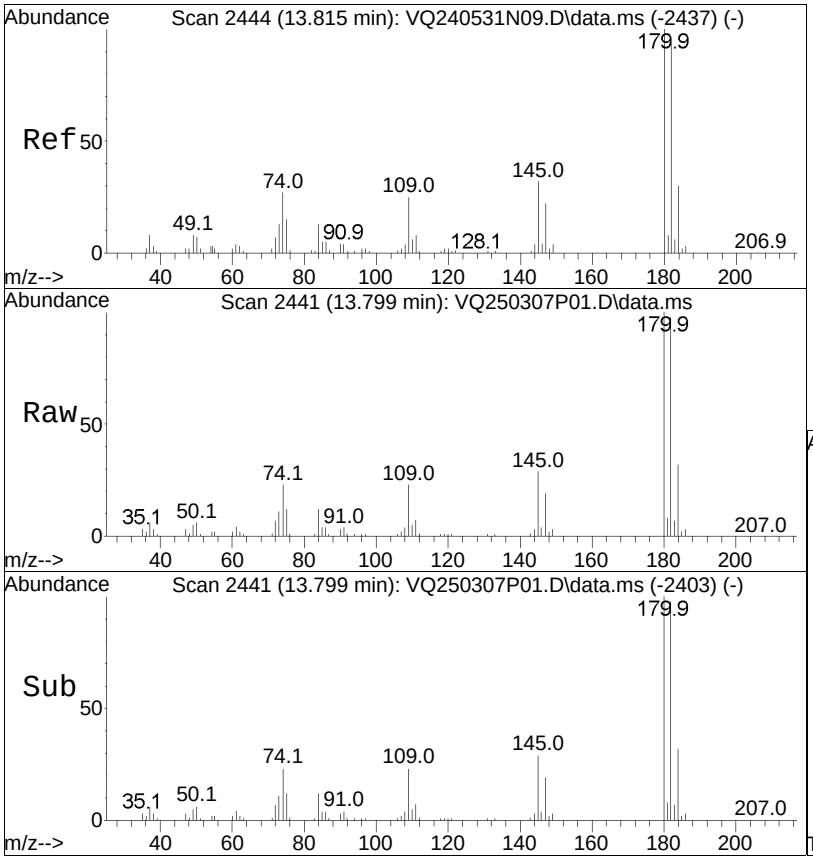




#115
Naphthalene
Concen: 7.98 ug/L
RT: 13.632 min Scan# 2409
Delta R.T. 0.005 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:128 Resp: 188187

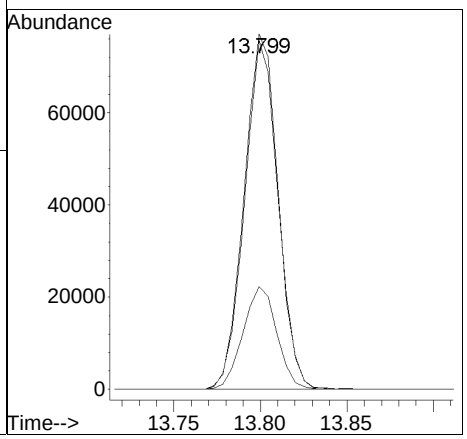




#116
1,2,3-Trichlorobenzene
Concen: 9.64 ug/L
RT: 13.799 min Scan# 2441
Delta R.T. 0.000 min
Lab File: VQ250307P01.D
Acq: 7 Mar 2025 4:36 pm

Tgt Ion:180 Resp: 105334

Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.5	114.7
145	28.8	26.6	39.8

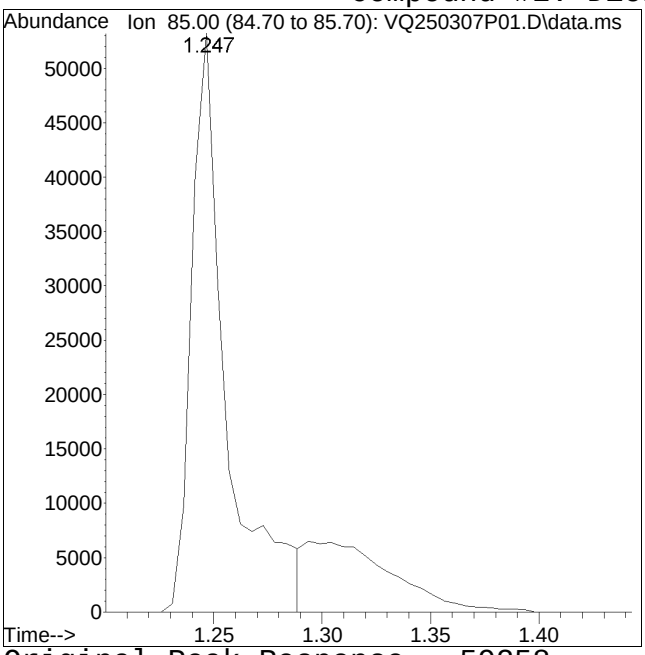


Manual Integration Report

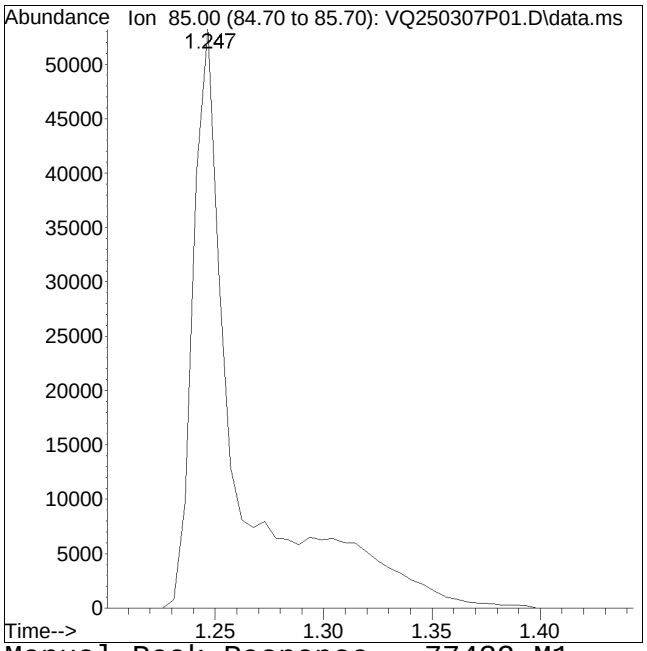
Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P01.D
Date Inj'd : 3/7/2025 4:36 pm
Sample : WG2038492-3,31,10,10

QMethod : VQ_250211_8260.m
Operator : QUIMBY:RAW
Instrument : Quimby
Quant Date : 3/7/2025 6:27 pm

Compound #2: Dichlorodifluoromethane



Original Peak Response = 59258



Manual Peak Response = 77432 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P02.D
Acq On : 7 Mar 2025 4:59 pm
Operator : QUIMBY:RAW
Sample : WG2038492-4,31,10,10
Misc : WG2038492,ICAL21979
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 07 19:37:06 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.091	96	356348	10.000 ug/L	0.00
Standard Area 1 = 312587			Recovery = 114.00%		
63) Chlorobenzene-d5	8.532	117	274801	10.000 ug/L	0.00
Standard Area 1 = 224444			Recovery = 122.44%		
84) 1,4-Dichlorobenzene-d4	11.419	152	190933	10.000 ug/L	0.00
Standard Area 1 = 146218			Recovery = 130.58%		
System Monitoring Compounds					
39) Dibromofluoromethane	4.322	113	104368	10.526 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.26%		
47) 1,2-Dichloroethane-d4	4.814	65	114760	10.539 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.39%		
64) Toluene-d8	6.733	98	360921	9.814 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.14%		
88) 4-Bromofluorobenzene	10.101	95	123560	7.977 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 79.77%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.247	85	87991M1	7.659 ug/L	
3) Chloromethane	1.414	50	95261	9.249 ug/L	97
4) Vinyl chloride	1.440	62	111633	10.069 ug/L	99
5) Bromomethane	1.675	94	83395	10.552 ug/L	99
6) Chloroethane	1.775	64	78594	10.817 ug/L	98
7) Trichlorofluoromethane	1.879	101	161715	10.220 ug/L	99
8) Ethyl ether	2.130	74	52658	10.647 ug/L	96
10) 1,1-Dichloroethene	2.282	96	92724	10.249 ug/L	91
11) Carbon disulfide	2.303	76	251336	10.213 ug/L	100
15) Methylene chloride	2.763	84	114582	11.068 ug/L	98
17) Acetone	2.805	43	22350	13.249 ug/L #	88
18) trans-1,2-Dichloroethene	2.899	96	102628	10.891 ug/L	93
21) Methyl tert-butyl ether	2.999	73	252747	9.999 ug/L	93
25) 1,1-Dichloroethane	3.422	63	148537	9.748 ug/L	99
27) Acrylonitrile	3.464	53	19169	10.143 ug/L	94
29) Vinyl acetate	3.658	43	145394	9.036 ug/L	96
30) cis-1,2-Dichloroethene	3.904	96	80520	9.195 ug/L	89
31) 2,2-Dichloropropane	3.992	77	103497	7.958 ug/L	95
33) Bromochloromethane	4.081	128	43887	10.503 ug/L	90
35) Chloroform	4.160	83	138765	9.542 ug/L	97

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P02.D
Acq On : 7 Mar 2025 4:59 pm
Operator : QUIMBY:RAW
Sample : WG2038492-4,31,10,10
Misc : WG2038492,ICAL21979
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 07 19:37:06 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
37) Carbon tetrachloride	4.270	117	102458	8.798	ug/L		97
40) 1,1,1-Trichloroethane	4.332	97	115794	9.030	ug/L		97
42) 2-Butanone	4.442	43	21396	10.613	ug/L		99
43) 1,1-Dichloropropene	4.453	75	85048	8.260	ug/L		95
45) Benzene	4.683	78	291449	9.097	ug/L		98
48) 1,2-Dichloroethane	4.882	62	100641	9.654	ug/L		99
52) Trichloroethene	5.263	95	78201	9.552	ug/L		95
54) Dibromomethane	5.677	93	44071	9.506	ug/L	#	86
55) 1,2-Dichloropropane	5.776	63	72779	8.983	ug/L		98
58) Bromodichloromethane	5.865	83	101924	9.109	ug/L		98
61) 1,4-Dioxane	6.079	88	9923	448.383	ug/L		97
62) cis-1,3-Dichloropropene	6.534	75	105988	8.453	ug/L		94
65) Toluene	6.791	92	187580	9.104	ug/L		100
66) 4-Methyl-2-pentanone	7.230	58	12518	7.353	ug/L		97
67) Tetrachloroethene	7.225	166	90149	9.981	ug/L		92
69) trans-1,3-Dichloropropene	7.277	75	87295	8.195	ug/L		97
72) 1,1,2-Trichloroethane	7.450	83	50950	9.727	ug/L		98
73) Chlorodibromomethane	7.648	129	75430	9.373	ug/L		99
74) 1,3-Dichloropropane	7.758	76	98752	8.951	ug/L		100
75) 1,2-Dibromoethane	7.899	107	56868	9.434	ug/L		98
77) 2-Hexanone	8.229	43	20523	6.760	ug/L		96
78) Chlorobenzene	8.553	112	217375	9.381	ug/L		92
79) Ethylbenzene	8.611	91	343957	8.571	ug/L		95
80) 1,1,1,2-Tetrachloroethane	8.647	131	76793	9.097	ug/L		97
81) p/m Xylene	8.799	106	291709	17.976	ug/L		90
82) o Xylene	9.332	106	283247	17.798	ug/L		88
83) Styrene	9.406	104	479725	18.028	ug/L		88
85) Bromoform	9.411	173	47391	8.300	ug/L		100
87) Isopropylbenzene	9.756	105	350881	7.725	ug/L		97
89) Bromobenzene	10.211	156	101465	8.776	ug/L		99
90) n-Propylbenzene	10.295	91	420547	7.803	ug/L		97
92) 1,1,2,2-Tetrachloroethane	10.399	83	69230	8.652	ug/L		98
93) 4-Ethyltoluene	10.441	105	364150	7.901	ug/L		97
94) 2-Chlorotoluene	10.457	91	300219	7.841	ug/L		92
95) 1,3,5-Trimethylbenzene	10.556	105	306396	7.913	ug/L		96
96) 1,2,3-Trichloropropane	10.530	75	55181	8.378	ug/L		94
97) trans-1,4-Dichloro-2-b...	10.603	53	18914	7.725	ug/L		83
98) 4-Chlorotoluene	10.661	91	265468	7.839	ug/L		93
99) tert-Butylbenzene	10.917	119	264166	7.949	ug/L		92

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P02.D
Acq On : 7 Mar 2025 4:59 pm
Operator : QUIMBY:RAW
Sample : WG2038492-4,31,10,10
Misc : WG2038492,ICAL21979
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 07 19:37:06 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Quimby\2025\250307P\VQ250307P01.D
Sub List : 8260-NYTCL - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102)	1,2,4-Trimethylbenzene	11.006	105	303781	8.015	ug/L	95
103)	sec-Butylbenzene	11.121	105	396110	8.369	ug/L	99
104)	p-Isopropyltoluene	11.299	119	337127	8.075	ug/L	96
105)	1,3-Dichlorobenzene	11.330	146	209901	9.020	ug/L	96
106)	1,4-Dichlorobenzene	11.435	146	211641	9.095	ug/L	97
107)	p-Diethylbenzene	11.697	119	192024	7.936	ug/L	98
108)	n-Butylbenzene	11.754	91	288846	8.506	ug/L	99
109)	1,2-Dichlorobenzene	11.874	146	196809	9.046	ug/L	96
110)	1,2,4,5-Tetramethylben...	12.523	119	290048	7.568	ug/L	98
111)	1,2-Dibromo-3-chloropr...	12.685	155	11103	8.481	ug/L	95
113)	Hexachlorobutadiene	13.328	225	60036	10.532	ug/L	100
114)	1,2,4-Trichlorobenzene	13.334	180	130839	8.472	ug/L	96
115)	Naphthalene	13.627	128	246297	8.001	ug/L	100
116)	1,2,3-Trichlorobenzene	13.799	180	129385	9.071	ug/L	98

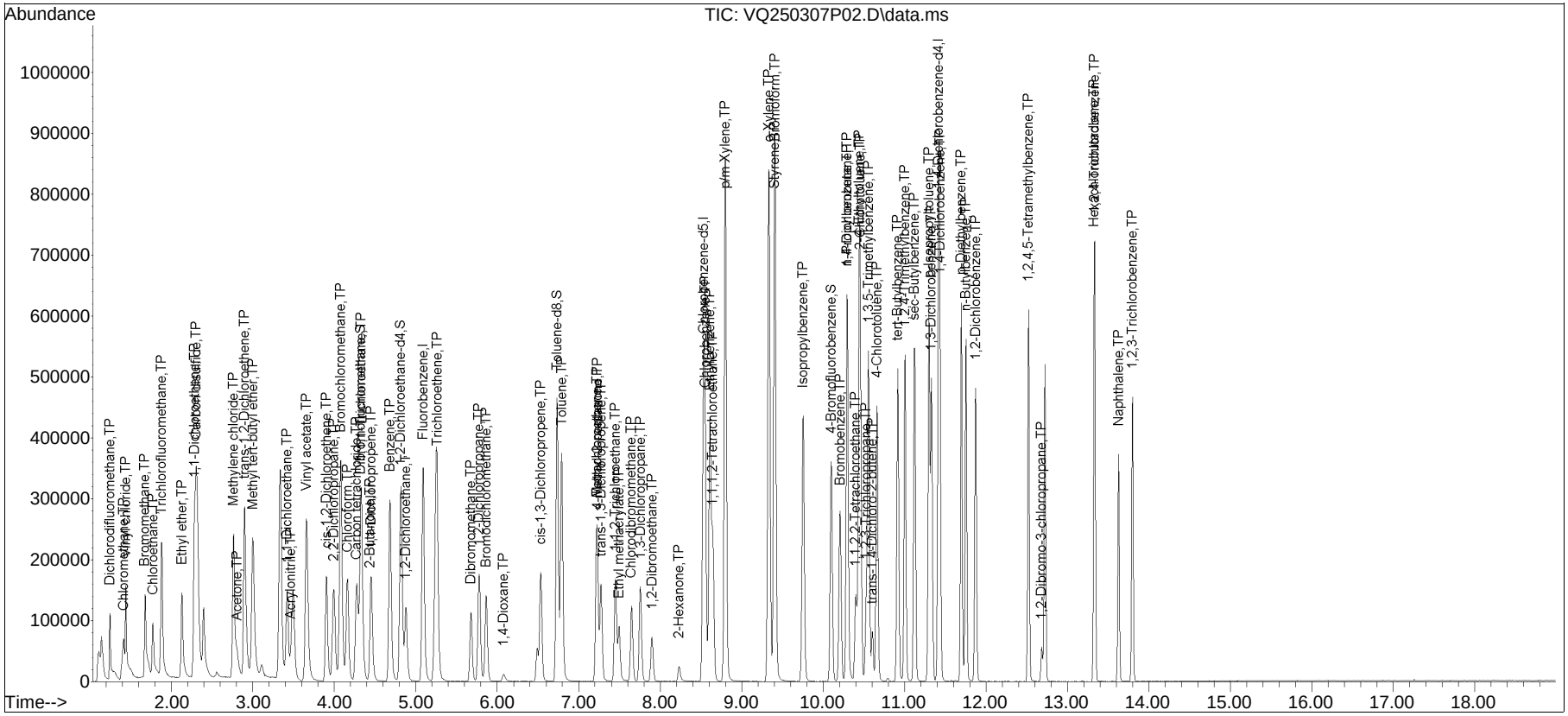
(#) = qualifier out of range (m) = manual integration (+) = signals summed

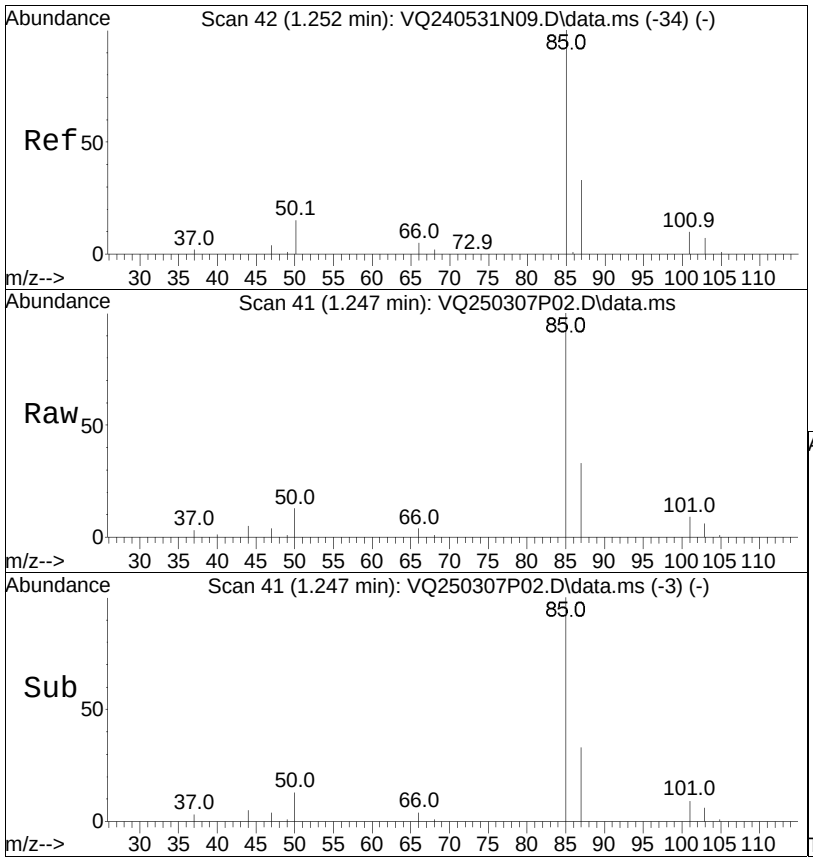
Quantitation Report (QT Reviewed)

Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P02.D
Acq On : 7 Mar 2025 4:59 pm
Operator : QUIMBY:RAW
Sample : WG2038492-4,31,10,10
Misc : WG2038492,ICAL21979
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 07 19:37:06 2025
Quant Method : K:\Quimby\2025\250307P\VQ_250211_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 19 09:20:03 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox50307P01.D•

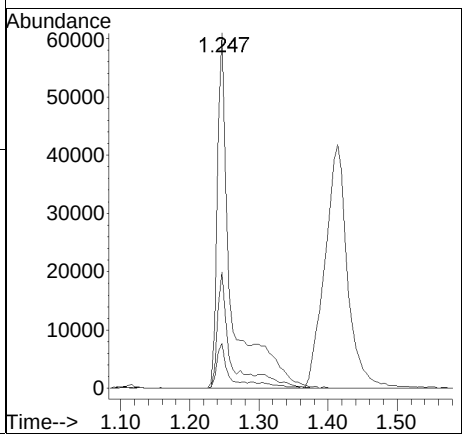


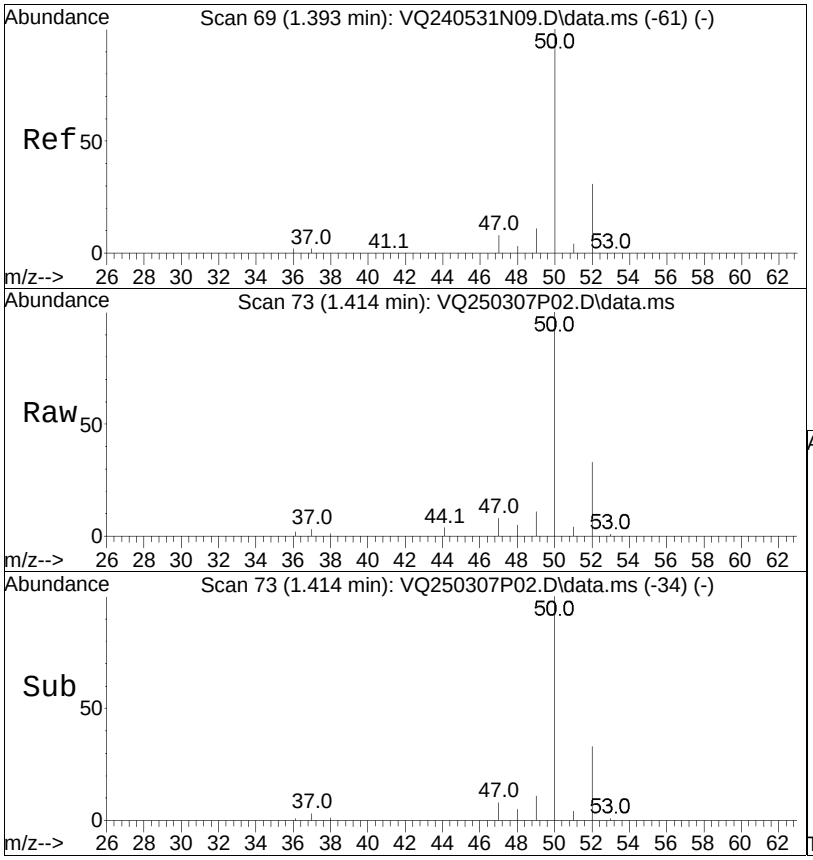


#2
Dichlorodifluoromethane
Concen: 7.66 ug/L M1
RT: 1.247 min Scan# 41
Delta R.T. 0.001 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 85 Resp: 87991

Ion	Ratio	Lower	Upper
85	100		
87	26.1	20.9	43.5
50	9.7	8.6	18.0

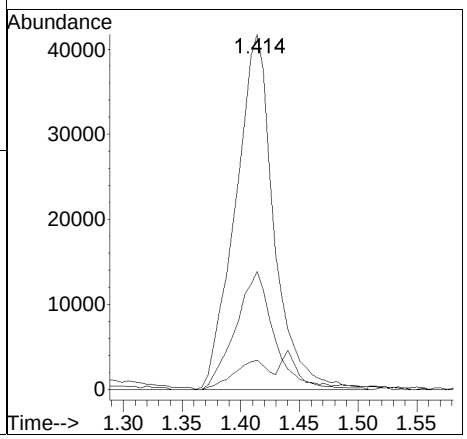


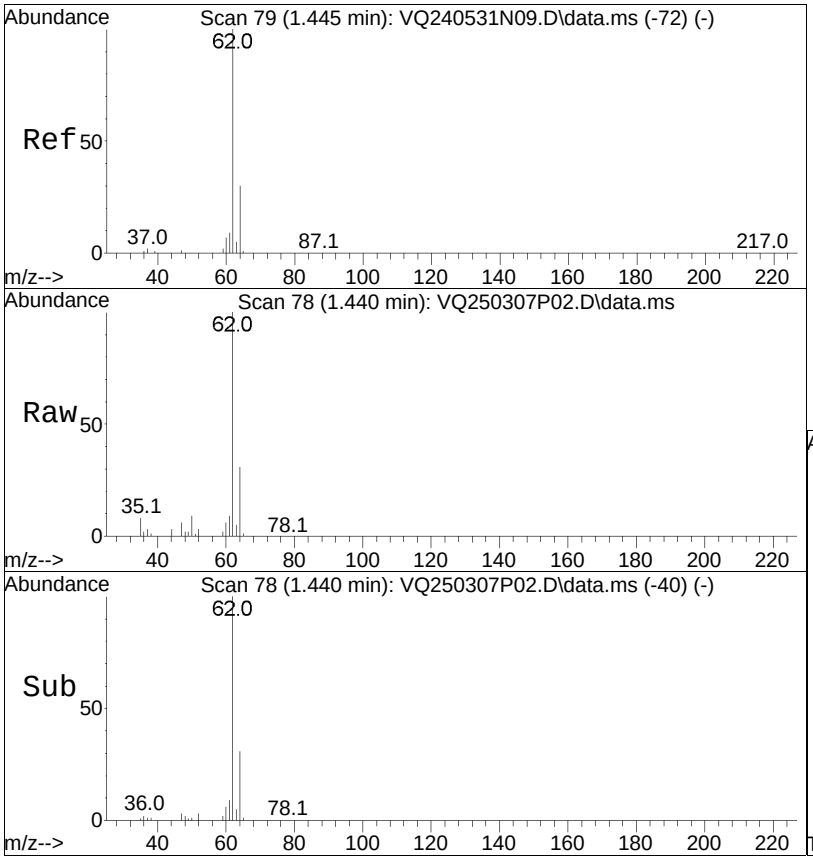


#3
Chloromethane
Concen: 9.25 ug/L
RT: 1.414 min Scan# 73
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 50 Resp: 95261

Ion	Ratio	Lower	Upper
50	100		
52	33.1	11.5	51.5
47	7.6	0.0	28.2

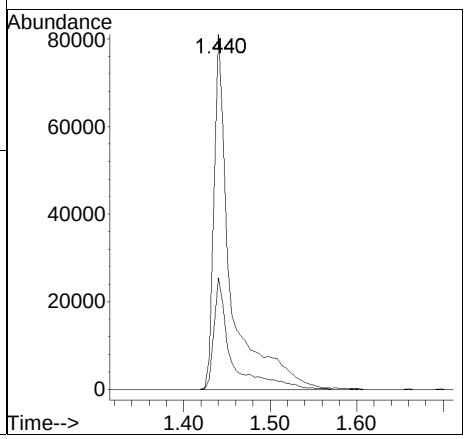


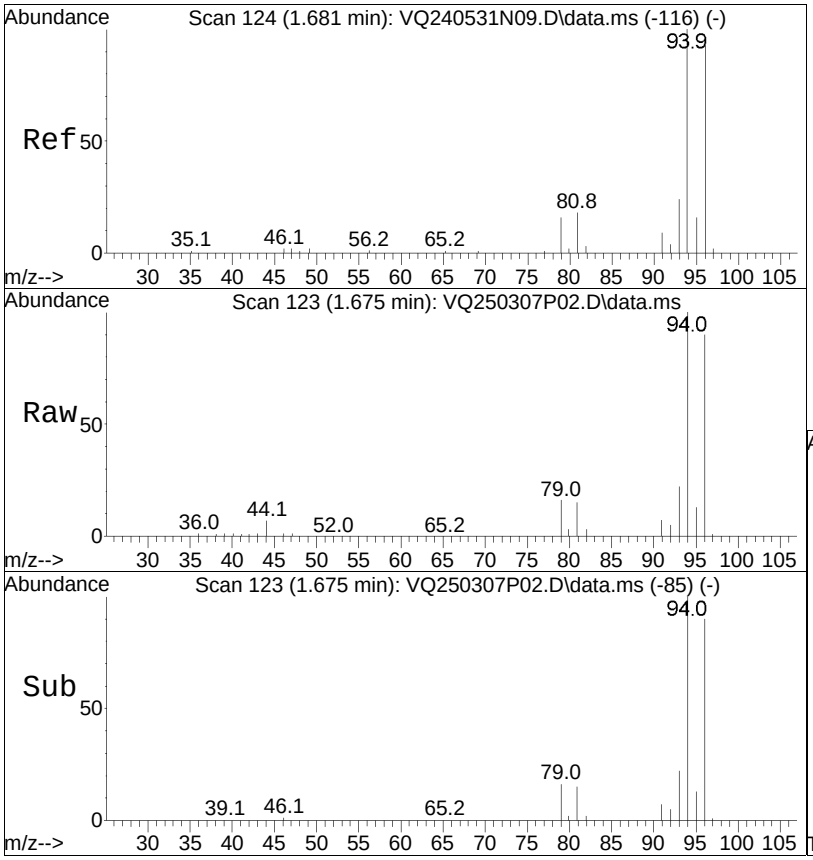


#4
Vinyl chloride
Concen: 10.07 ug/L
RT: 1.440 min Scan# 78
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 62 Resp: 111633

Ion	Ratio	Lower	Upper
62	100		
64	31.9	12.4	52.4

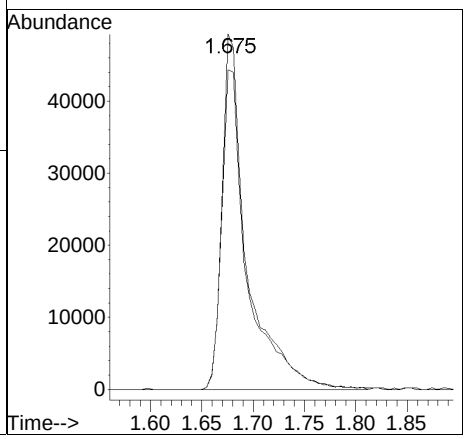


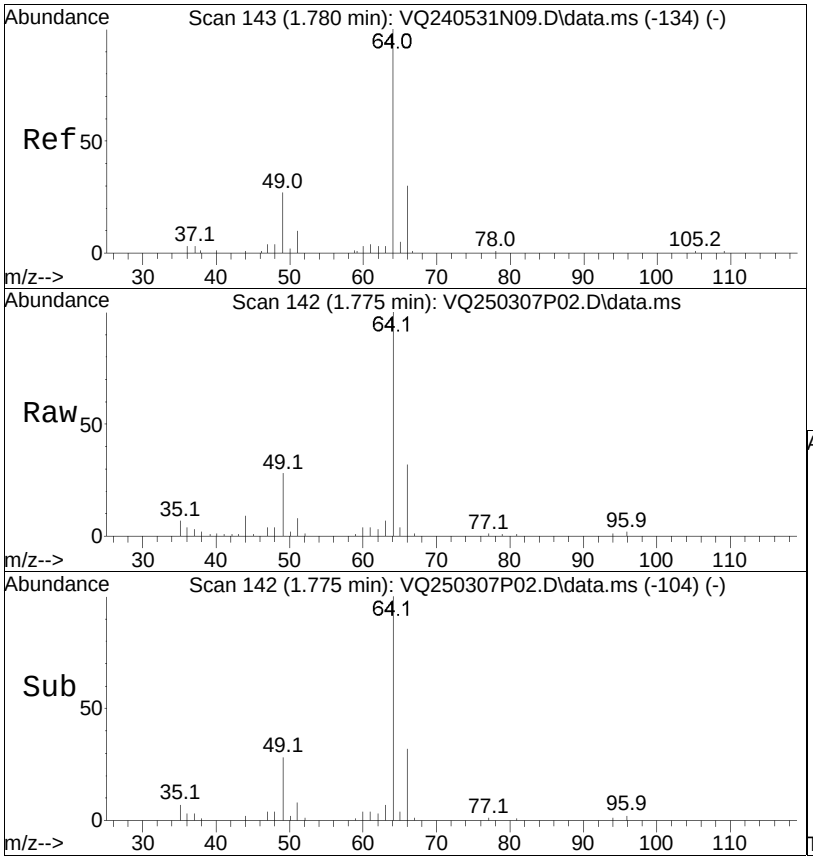


#5
Bromomethane
Concen: 10.55 ug/L
RT: 1.675 min Scan# 123
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 94 Resp: 83395

Ion	Ratio	Lower	Upper
94	100		
96	93.1	73.9	113.9

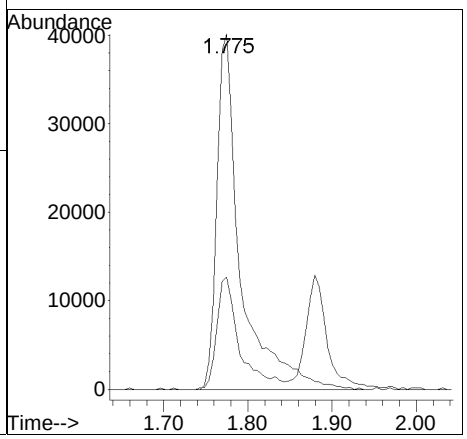


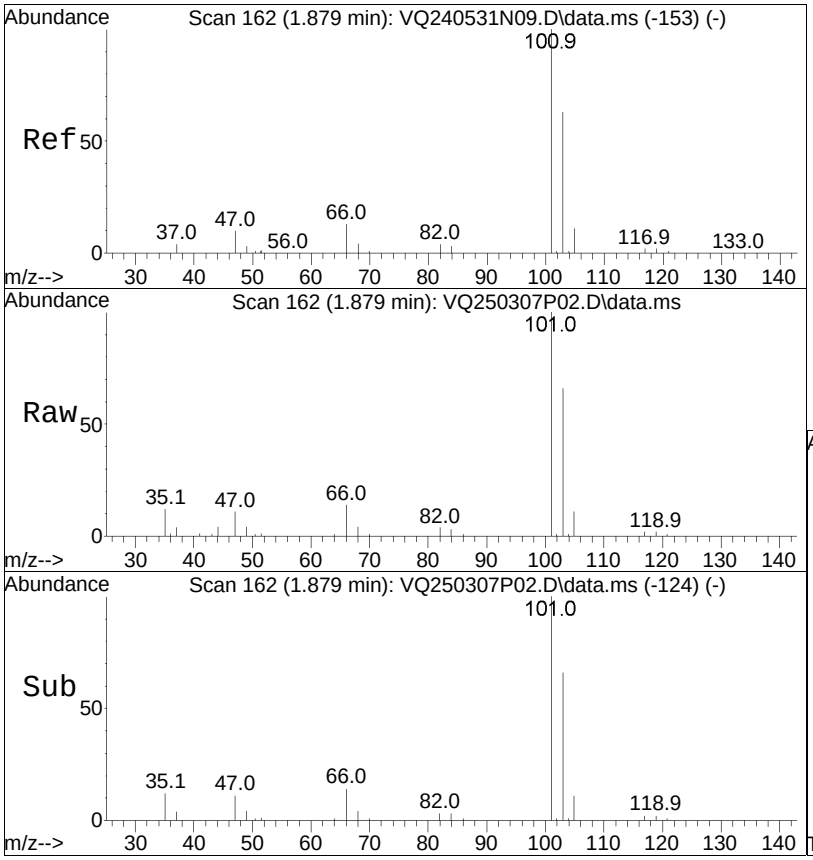


#6
Chloroethane
Concen: 10.82 ug/L
RT: 1.775 min Scan# 142
Delta R.T. -0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 64 Resp: 78594

Ion	Ratio	Lower	Upper
64	100		
66	30.7	9.7	49.7

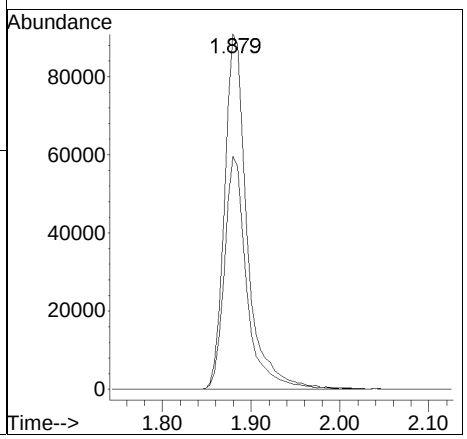


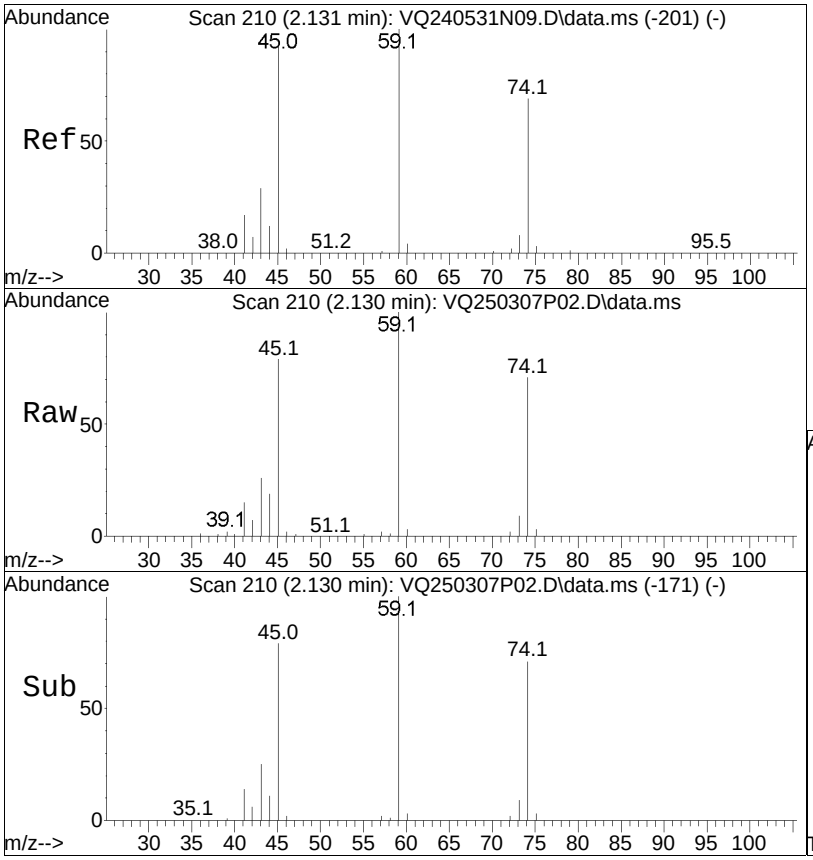


#7
Trichlorofluoromethane
Concen: 10.22 ug/L
RT: 1.879 min Scan# 162
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:101 Resp: 161715

Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.2	78.2

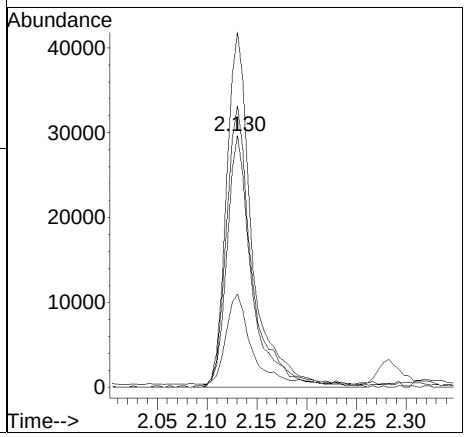


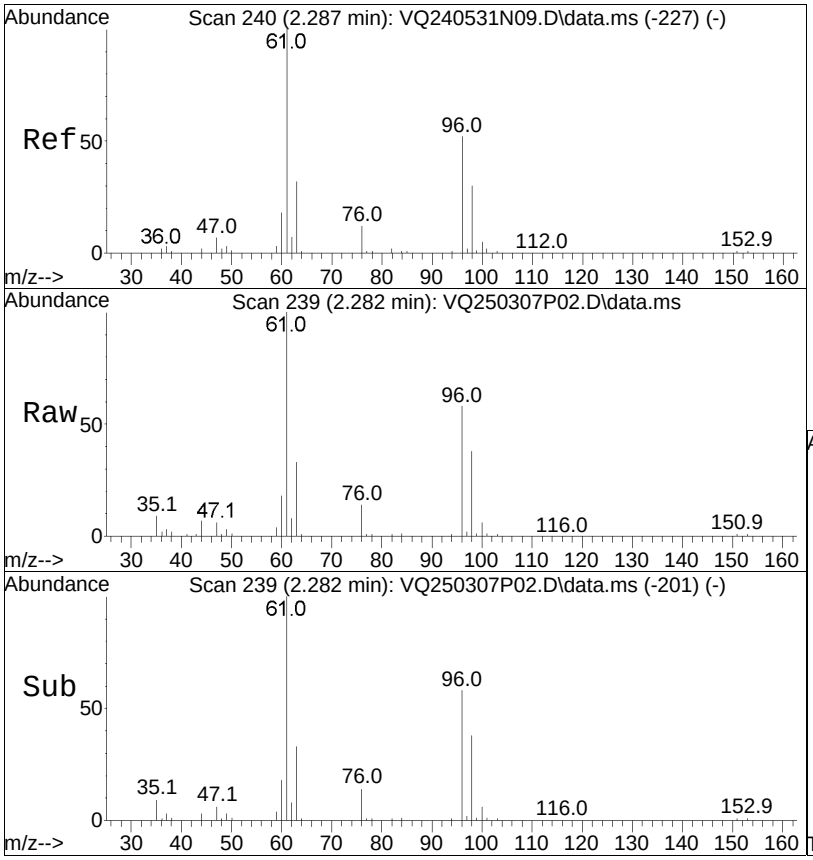


#8
Ethyl ether
Concen: 10.65 ug/L
RT: 2.130 min Scan# 210
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 74 Resp: 52658

Ion	Ratio	Lower	Upper
74	100		
59	141.9	90.5	187.9
45	116.3	72.0	149.4
43	35.8	20.9	43.5

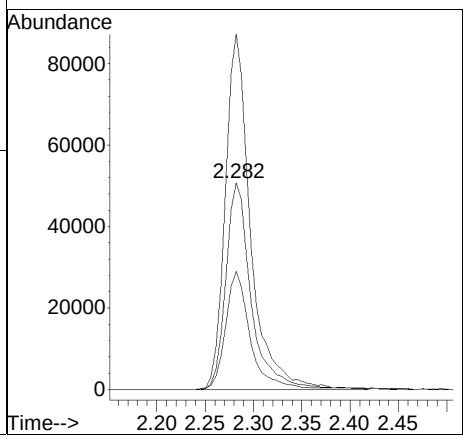


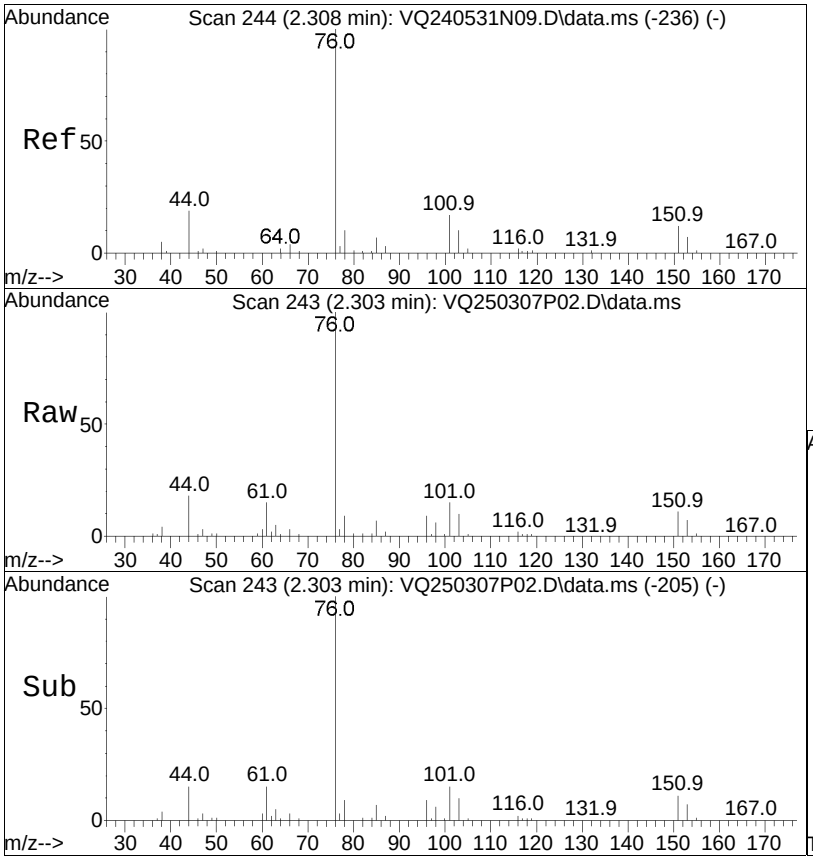


#10
1,1-Dichloroethene
Concen: 10.25 ug/L
RT: 2.282 min Scan# 239
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 96 Resp: 92724

Ion	Ratio	Lower	Upper
96	100		
61	171.8	149.7	224.5
63	55.8	46.8	70.2

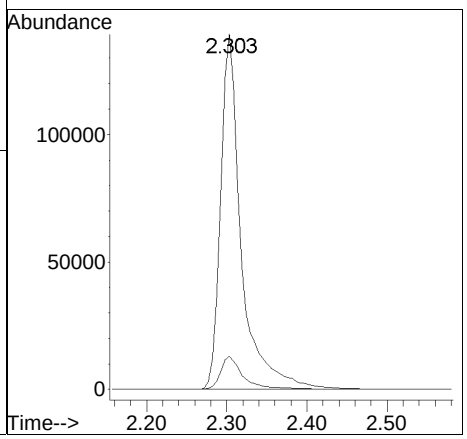


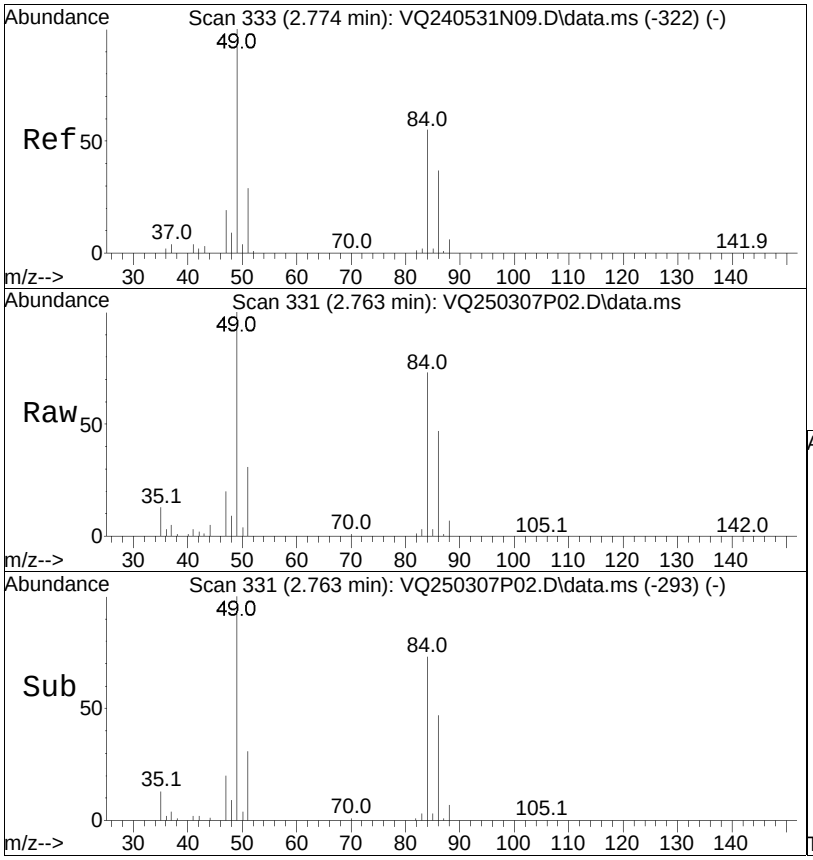


#11
Carbon disulfide
Concen: 10.21 ug/L
RT: 2.303 min Scan# 243
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 76 Resp: 251336

Ion	Ratio	Lower	Upper
76	100		
78	10.2	6.8	14.0

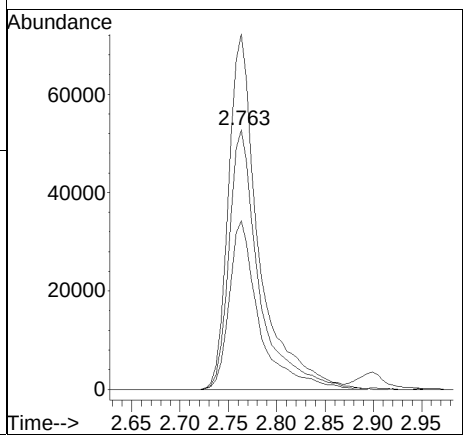


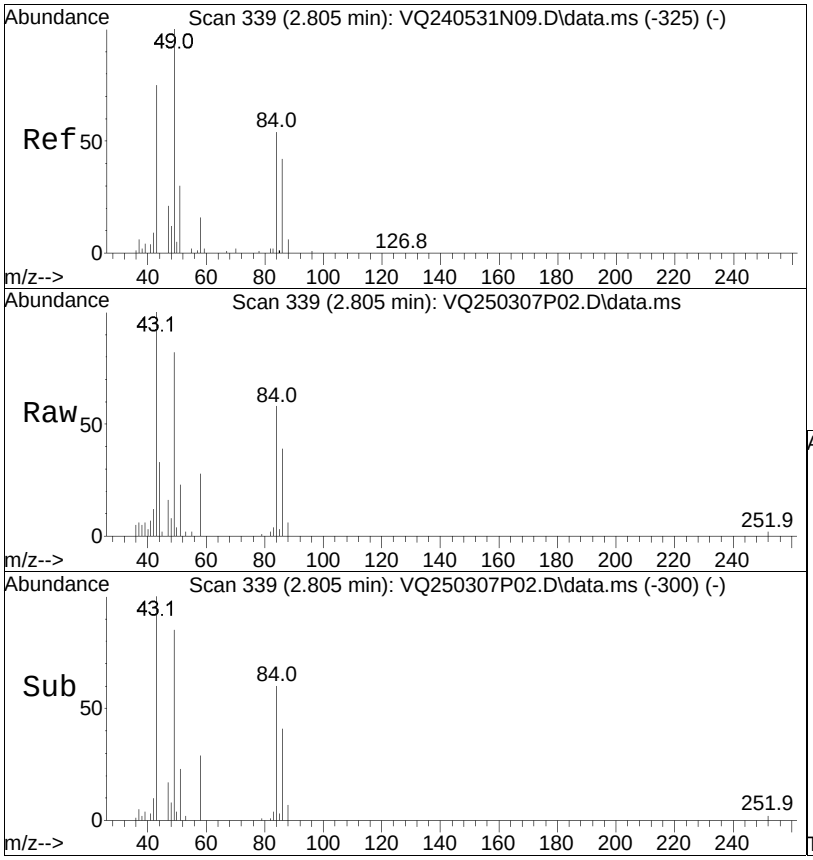


#15
Methylene chloride
Concen: 11.07 ug/L
RT: 2.763 min Scan# 331
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 84 Resp: 114582

Ion	Ratio	Lower	Upper
84	100		
86	64.9	41.0	85.2
49	137.4	88.1	183.1

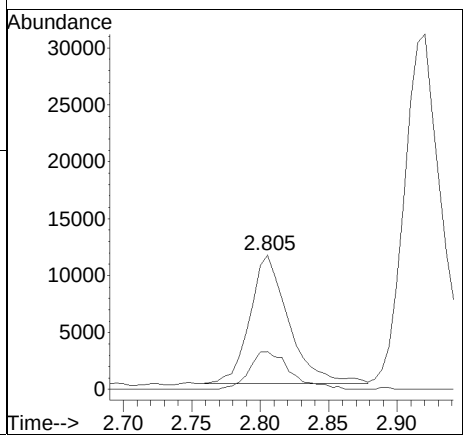


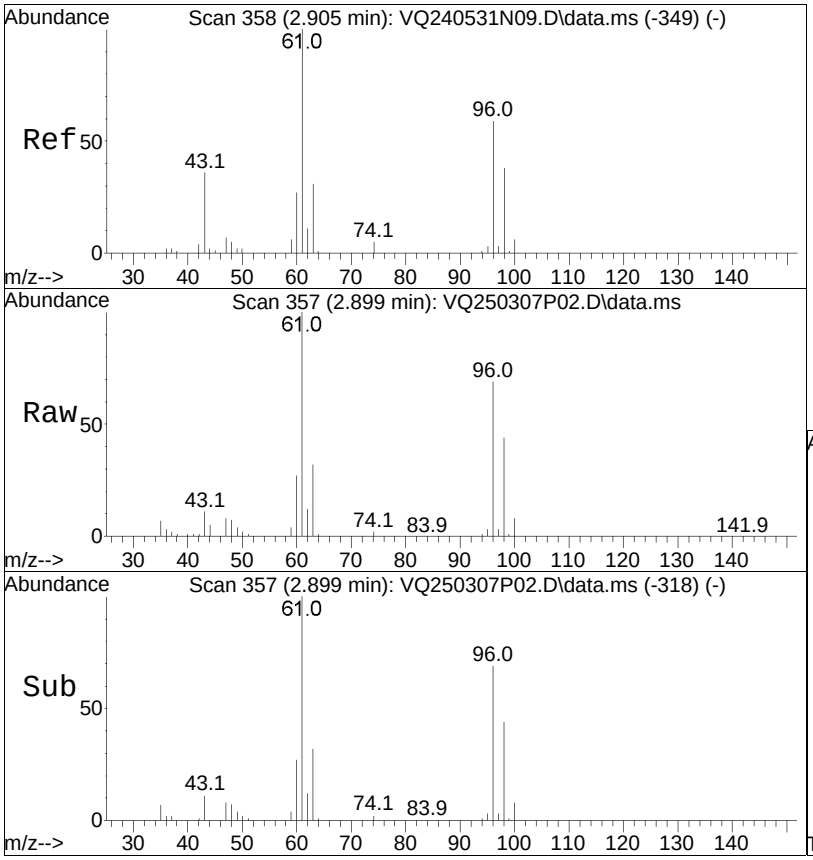


#17
Acetone
Concen: 13.25 ug/L
RT: 2.805 min Scan# 339
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 43 Resp: 22350

Ion	Ratio	Lower	Upper
43	100		
58	31.3	20.2	30.4#

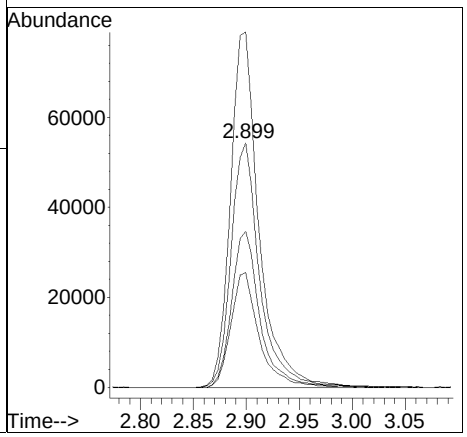


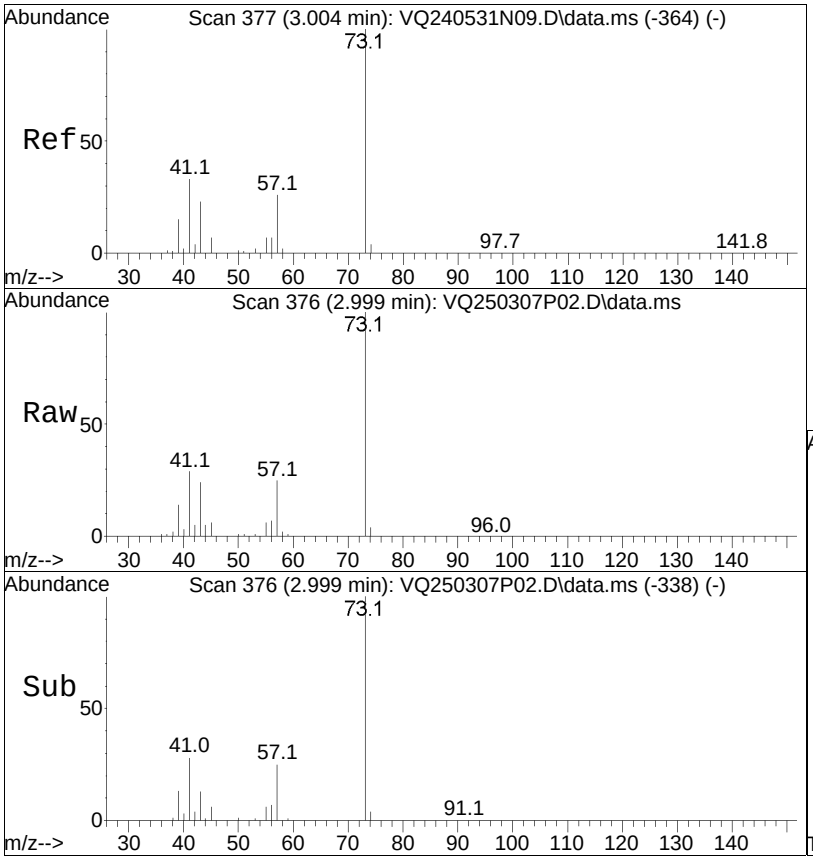


#18
trans-1,2-Dichloroethene
Concen: 10.89 ug/L
RT: 2.899 min Scan# 357
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 96 Resp: 102628

Ion	Ratio	Lower	Upper
96	100		
61	145.4	102.8	213.4
98	63.4	41.8	86.8
63	46.0	32.2	66.8

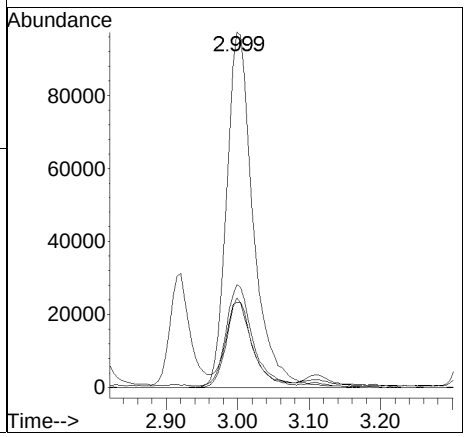


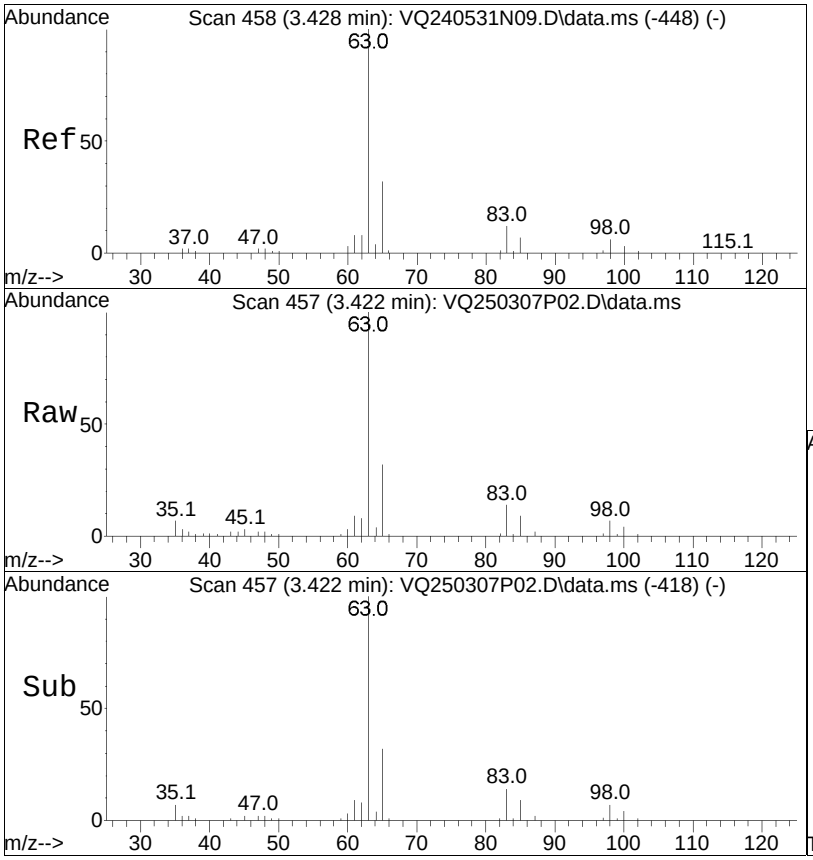


#21
Methyl tert-butyl ether
Concen: 10.00 ug/L
RT: 2.999 min Scan# 376
Delta R.T. -0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 73 Resp: 252747

Ion	Ratio	Lower	Upper
73	100		
57	24.1	14.0	29.0
43	23.6	13.6	28.2
41	28.0	15.0	31.2

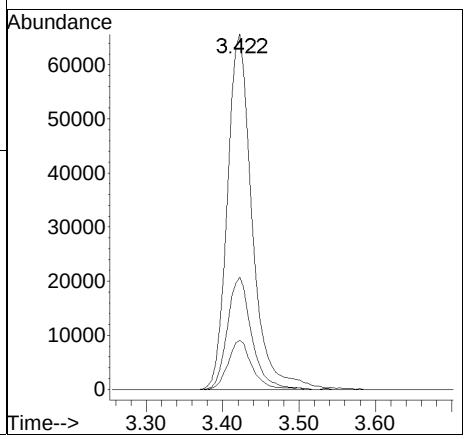


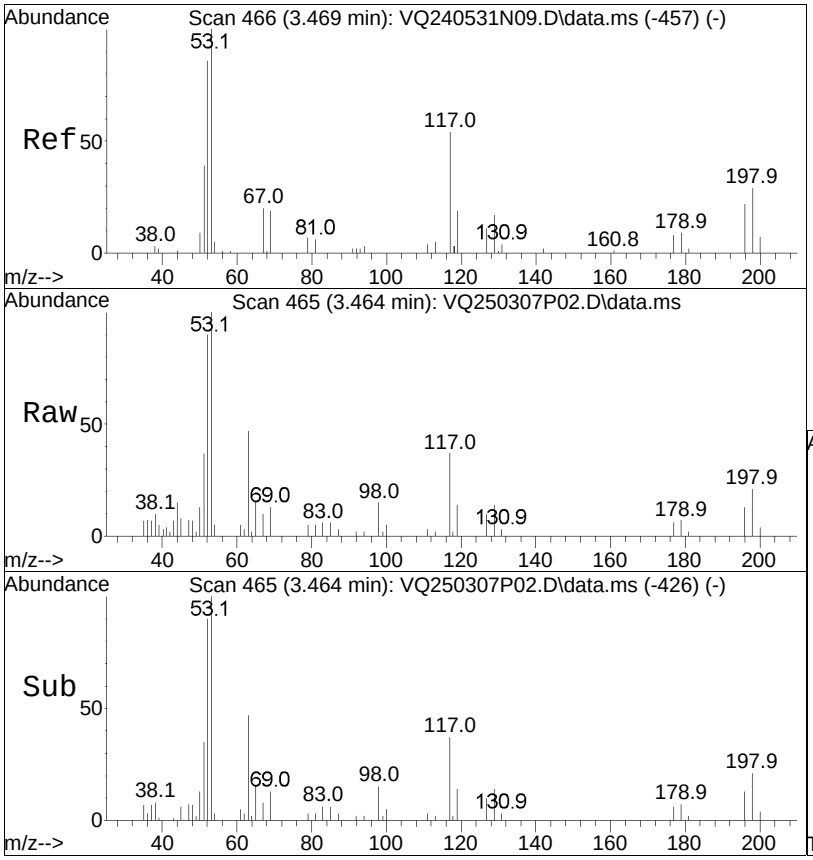


#25
1,1-Dichloroethane
Concen: 9.75 ug/L
RT: 3.422 min Scan# 457
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 63 Resp: 148537

Ion	Ratio	Lower	Upper
63	100		
65	30.9	11.5	51.5
83	13.4	0.0	32.7

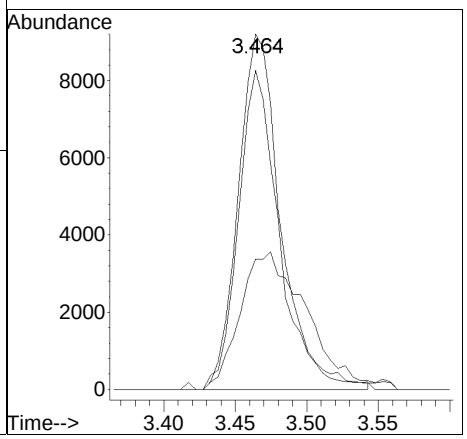


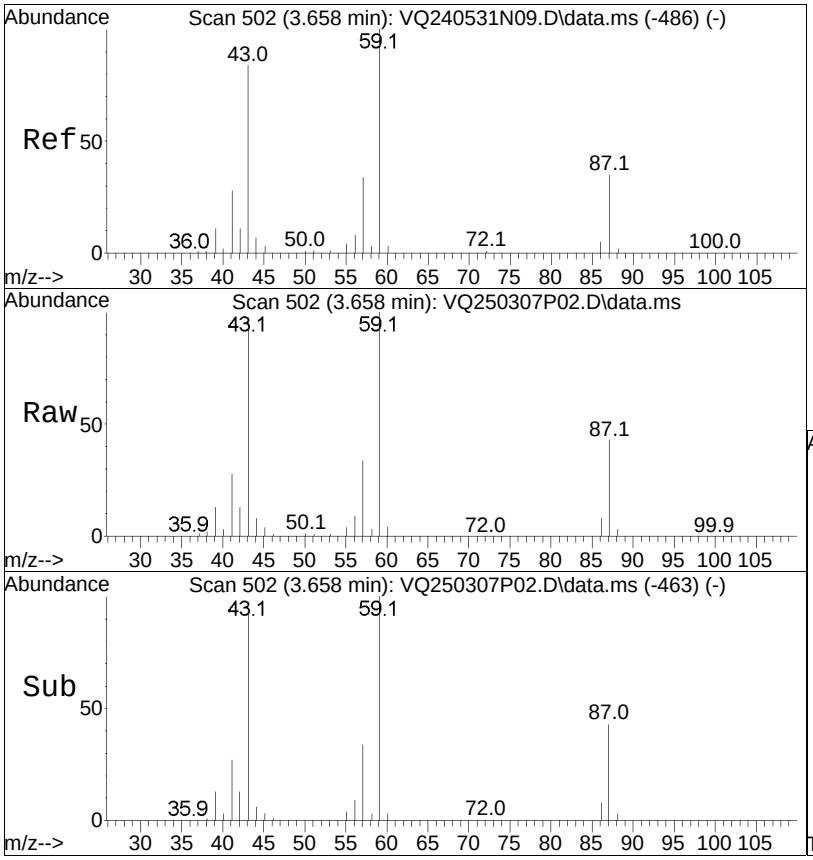


#27
Acrylonitrile
Concen: 10.14 ug/L
RT: 3.464 min Scan# 465
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 53 Resp: 19169

Ion	Ratio	Lower	Upper
53	100		
52	86.1	67.7	101.5
51	60.2	55.0	82.6

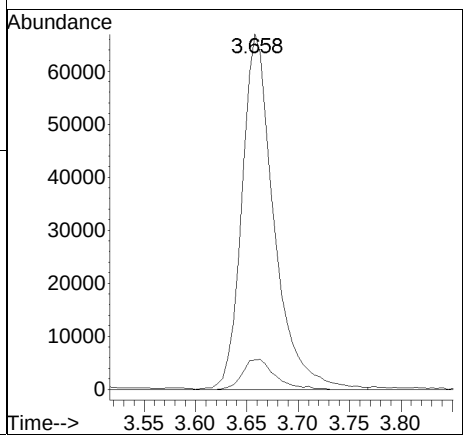


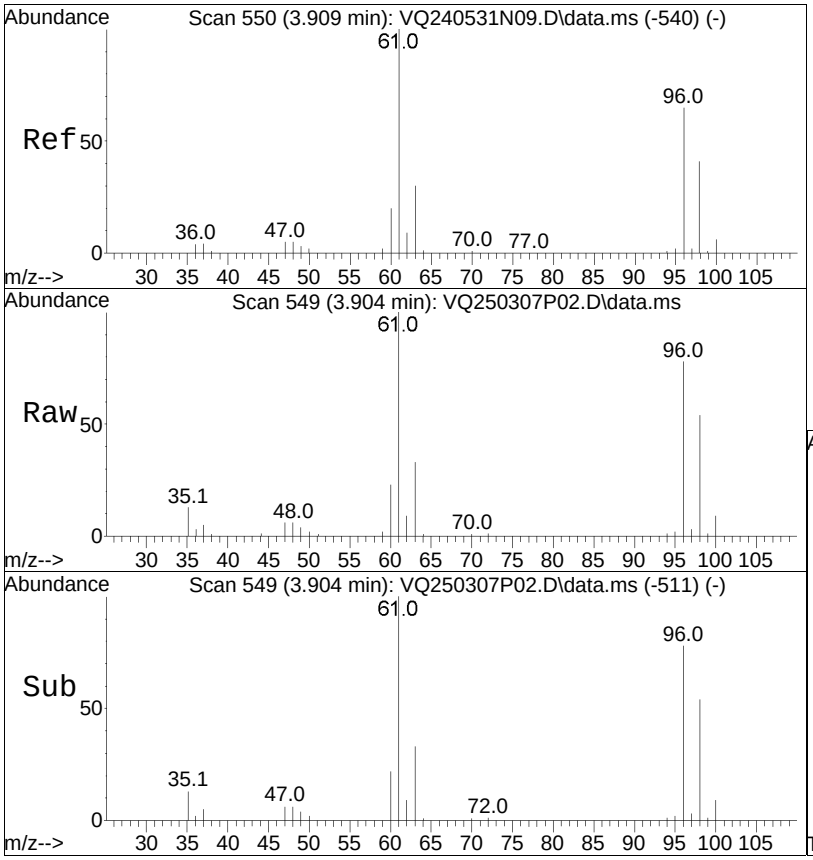


#29
Vinyl acetate
Concen: 9.04 ug/L
RT: 3.658 min Scan# 502
Delta R.T. 0.006 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 43 Resp: 145394

Ion	Ratio	Lower	Upper
43	100		
86	8.6	5.8	8.6

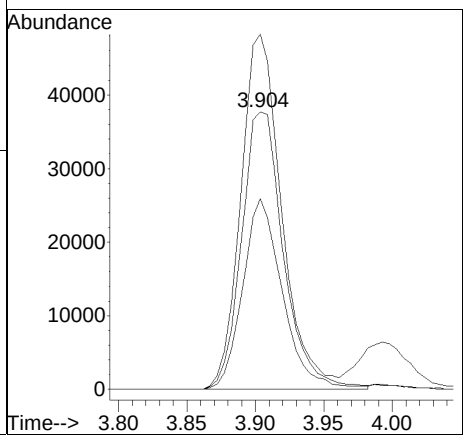


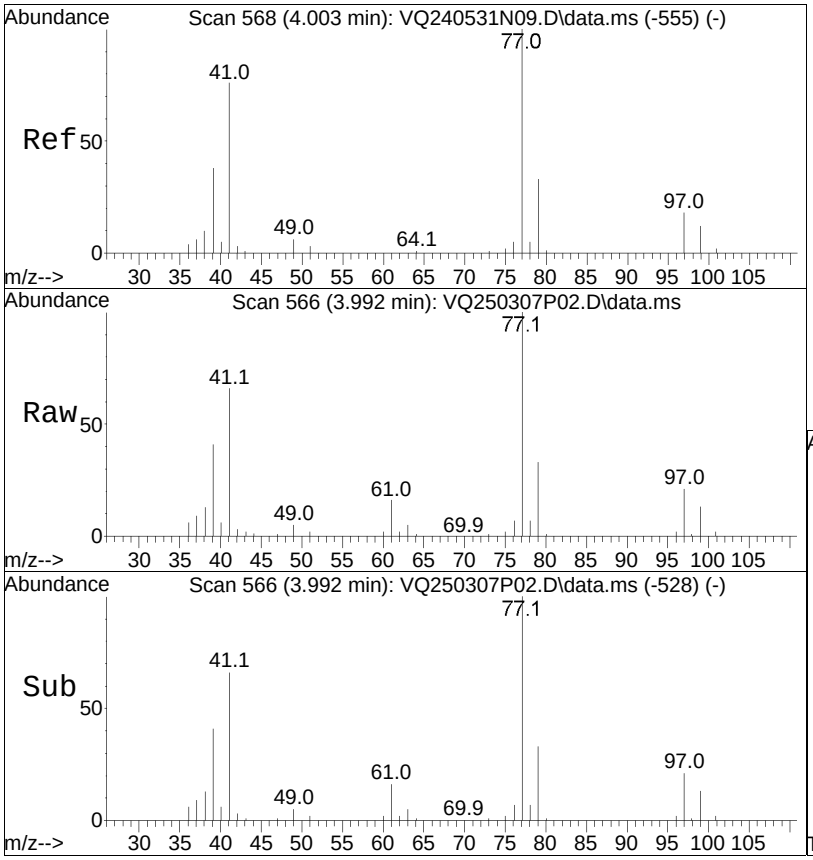


#30
cis-1,2-Dichloroethene
Concen: 9.20 ug/L
RT: 3.904 min Scan# 549
Delta R.T. 0.001 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 96 Resp: 80520

Ion	Ratio	Lower	Upper
96	100		
61	124.3	115.3	172.9
98	64.8	51.8	77.8

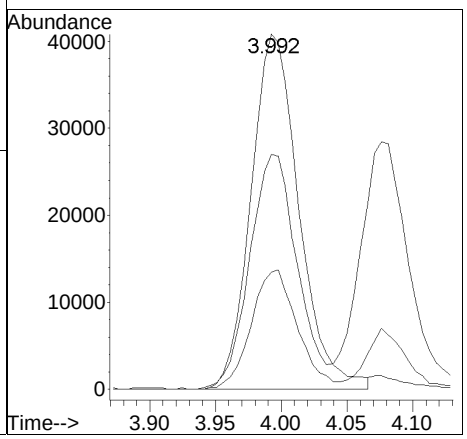


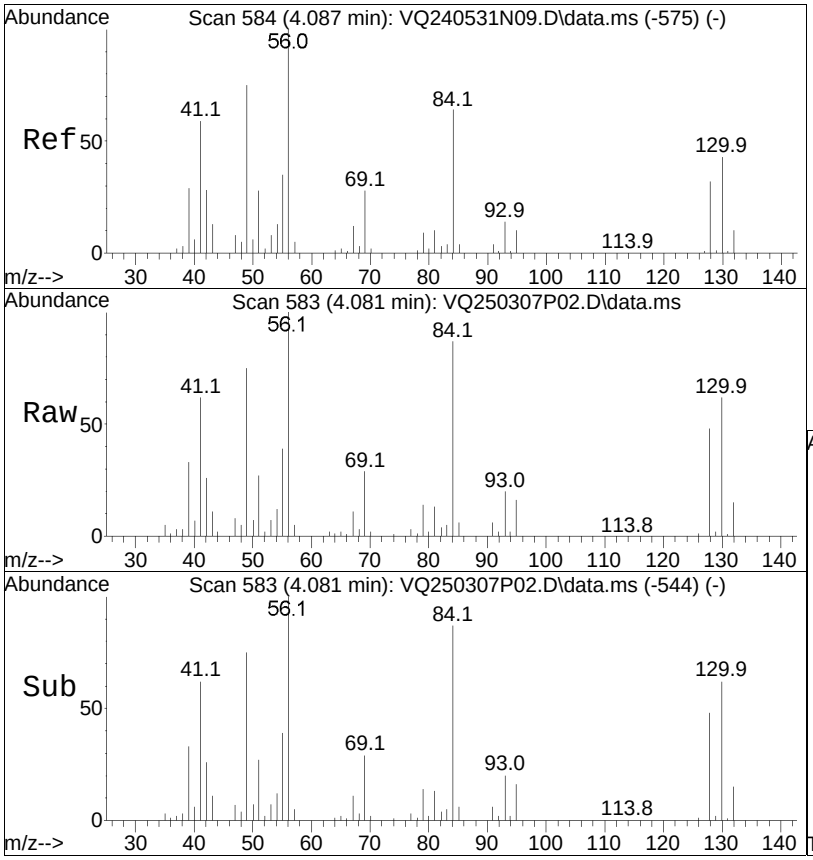


#31
2,2-Dichloropropane
Concen: 7.96 ug/L
RT: 3.992 min Scan# 566
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 77 Resp: 103497

Ion	Ratio	Lower	Upper
77	100		
41	65.3	39.1	81.3
79	32.6	20.5	42.5

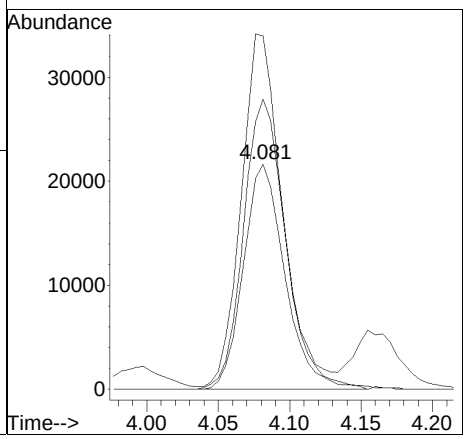


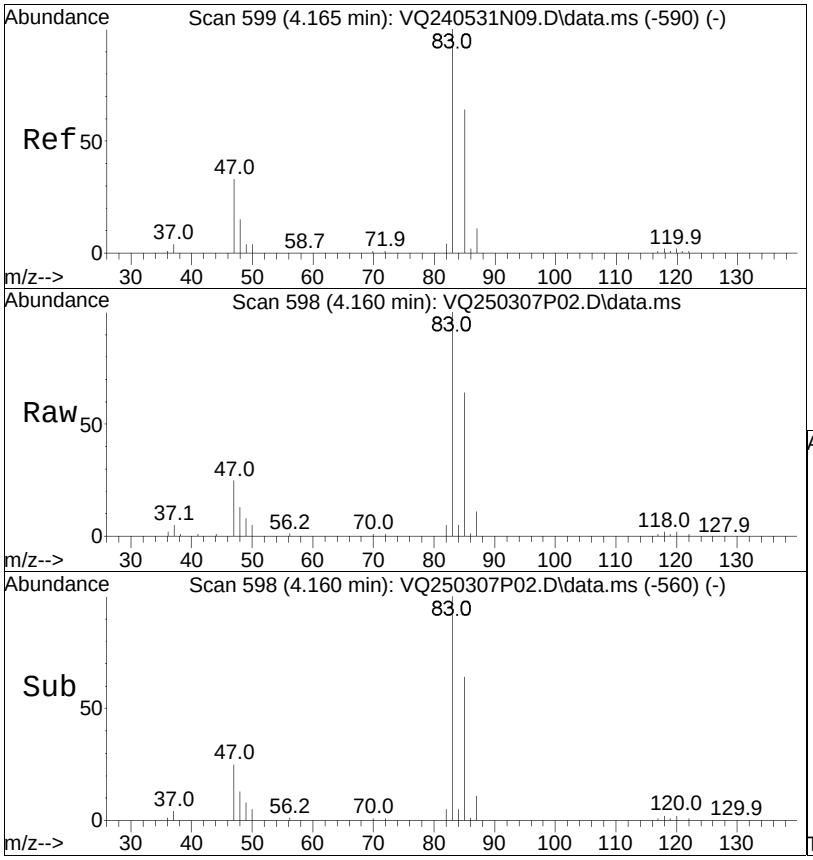


#33
Bromochloromethane
Concen: 10.50 ug/L
RT: 4.081 min Scan# 583
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:128 Resp: 43887

Ion	Ratio	Lower	Upper
128	100		
49	156.8	143.3	214.9
130	131.4	102.7	154.1

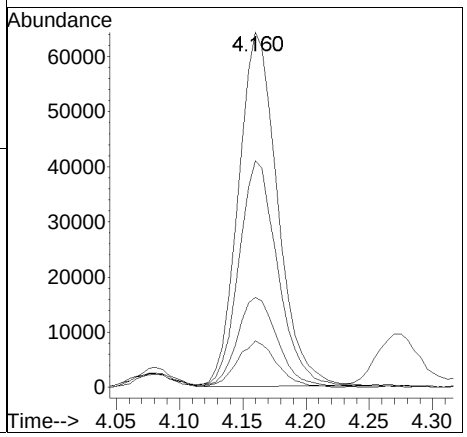


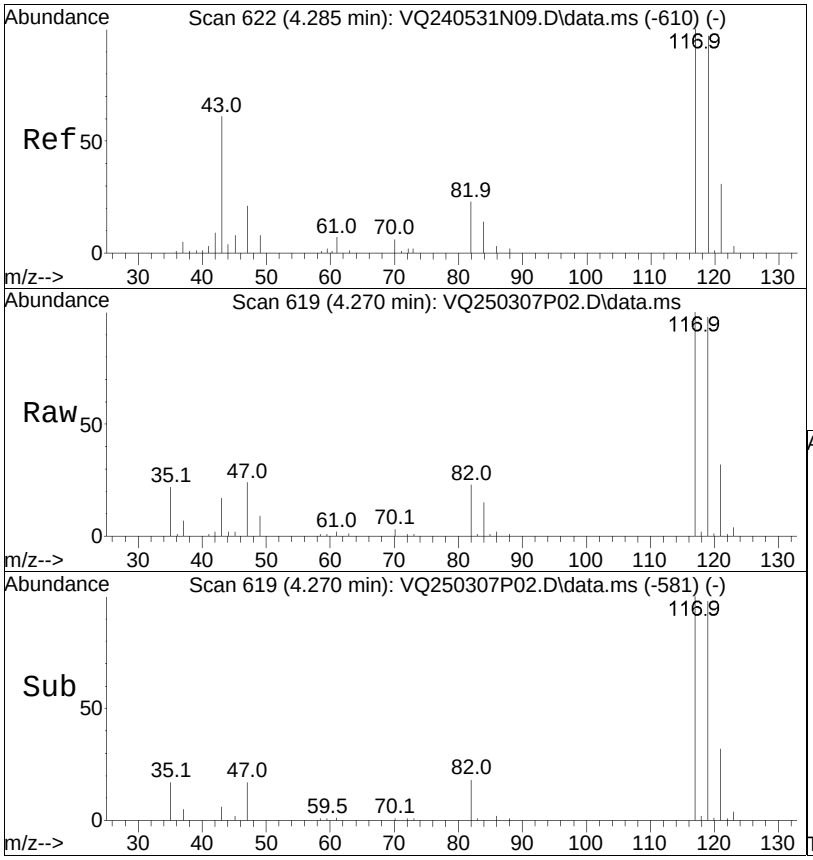


#35
Chloroform
Concen: 9.54 ug/L
RT: 4.160 min Scan# 598
Delta R.T. -0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 83 Resp: 138765

Ion	Ratio	Lower	Upper
83	100		
85	63.4	43.0	89.2
47	24.9	17.5	36.3
48	13.4	8.8	18.2

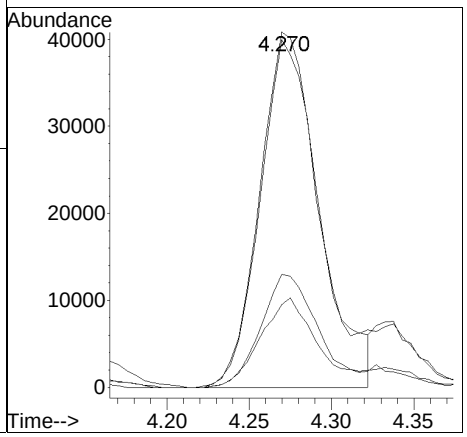


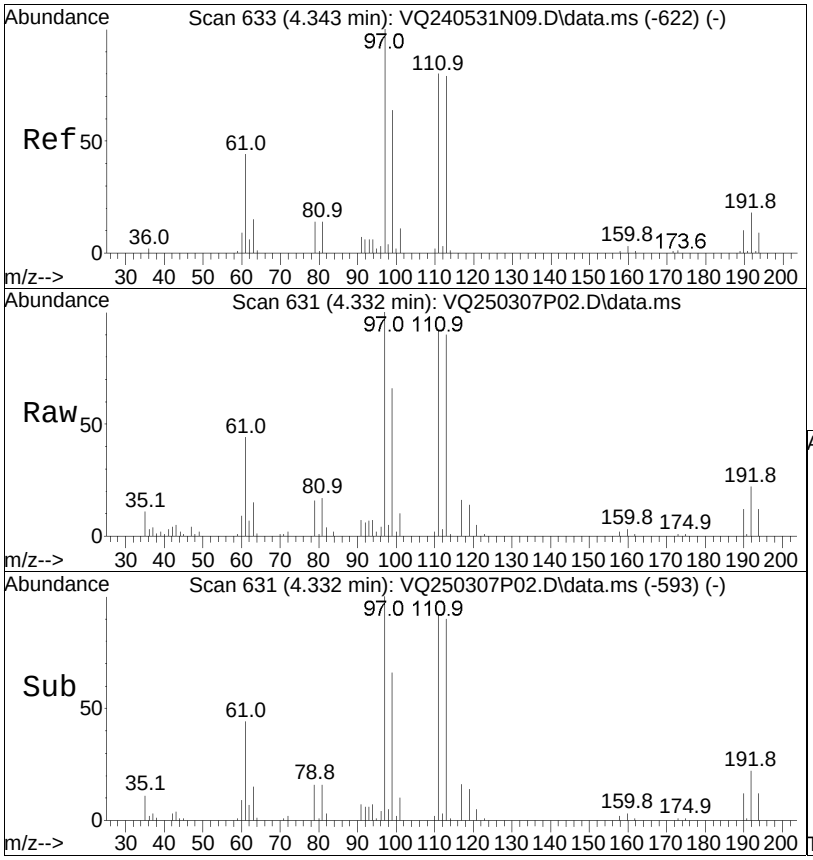


#37
Carbon tetrachloride
Concen: 8.80 ug/L
RT: 4.270 min Scan# 619
Delta R.T. -0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:117 Resp: 102458

Ion	Ratio	Lower	Upper
117	100		
119	95.3	63.2	131.2
121	30.6	20.3	42.3
82	24.1	18.1	37.7

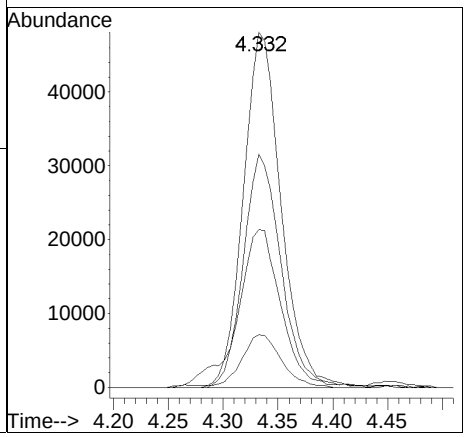


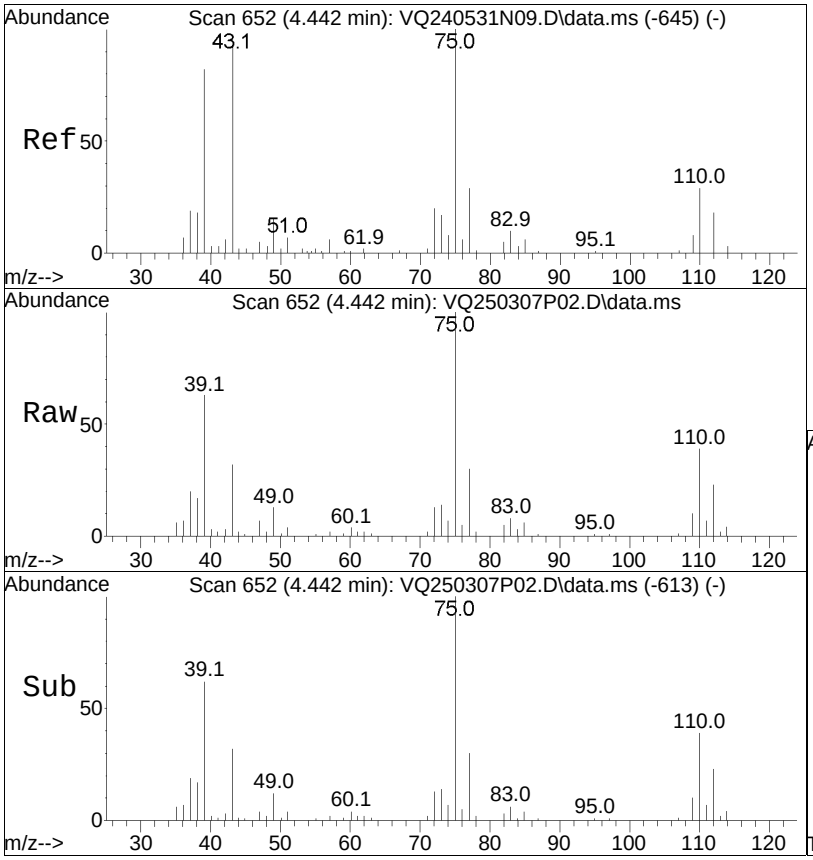


#40
1,1,1-Trichloroethane
Concen: 9.03 ug/L
RT: 4.332 min Scan# 631
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 97 Resp: 115794

Ion	Ratio	Lower	Upper
97	100		
99	65.5	42.5	88.3
61	50.8	30.4	63.2
63	15.6	9.6	19.8

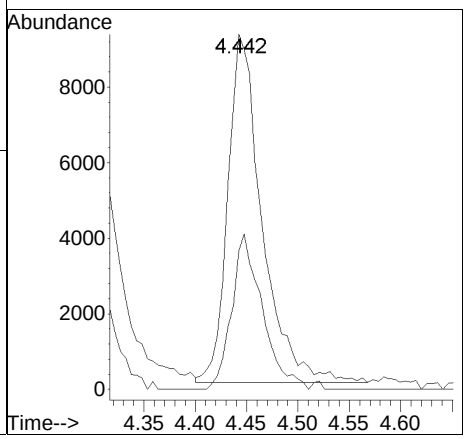


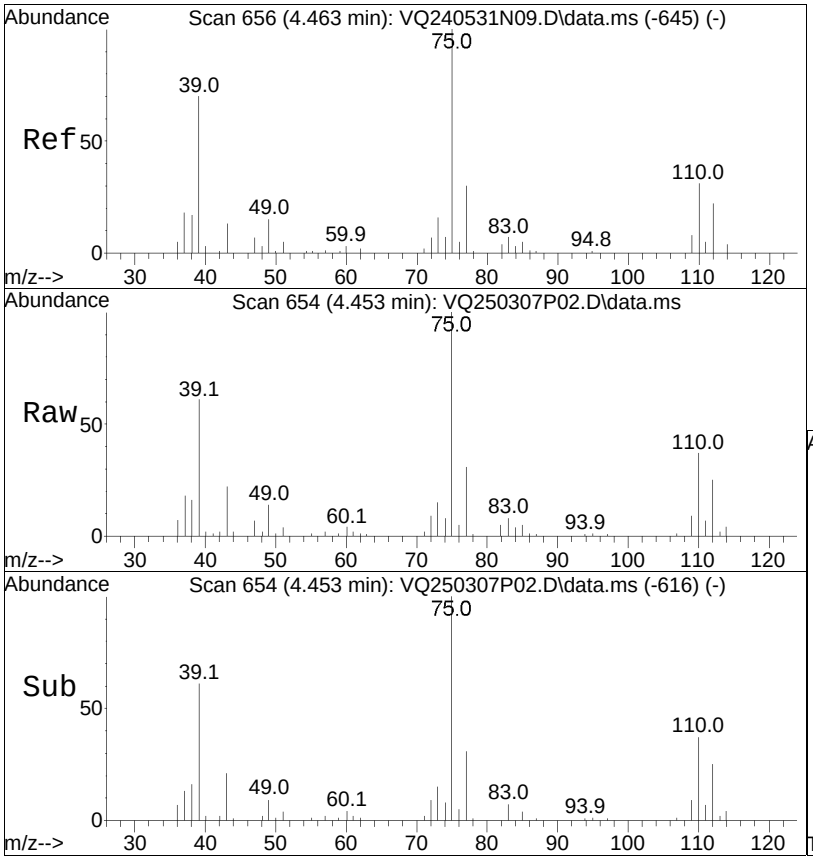


#42
2-Butanone
Concen: 10.61 ug/L
RT: 4.442 min Scan# 652
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 43 Resp: 21396

Ion	Ratio	Lower	Upper
43	100		
72	39.8	31.2	46.8

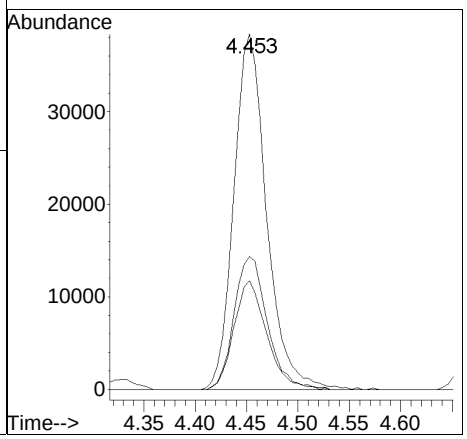


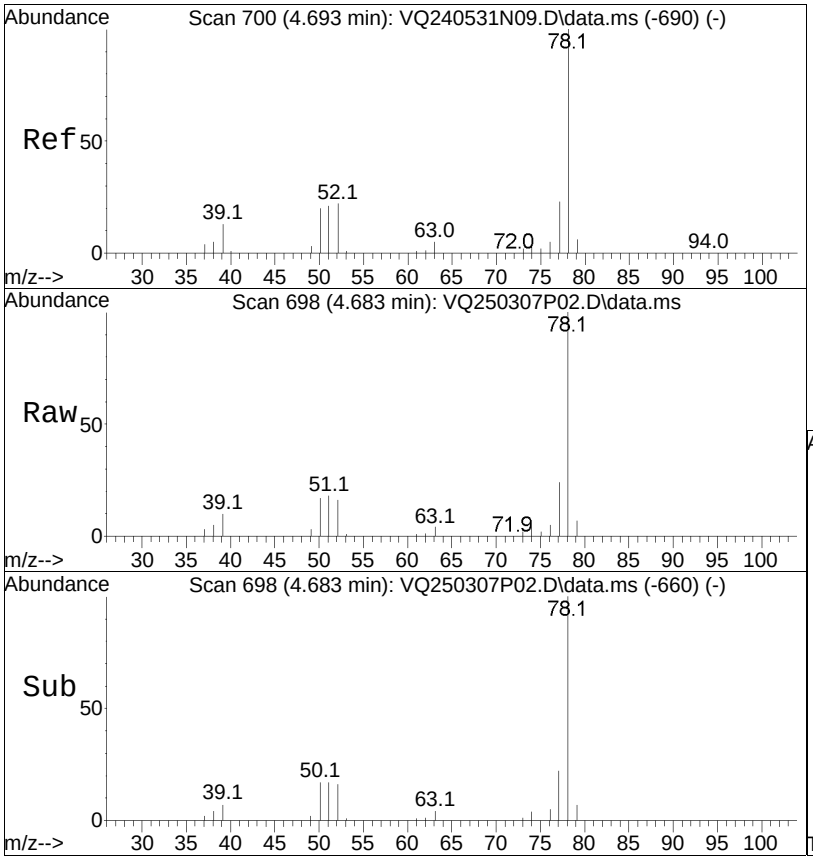


#43
1,1-Dichloropropene
Concen: 8.26 ug/L
RT: 4.453 min Scan# 654
Delta R.T. -0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 75 Resp: 85048

Ion	Ratio	Lower	Upper
75	100		
110	38.1	21.3	44.3
77	30.6	19.8	41.2

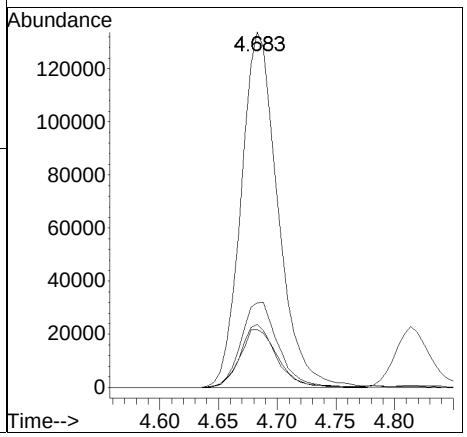


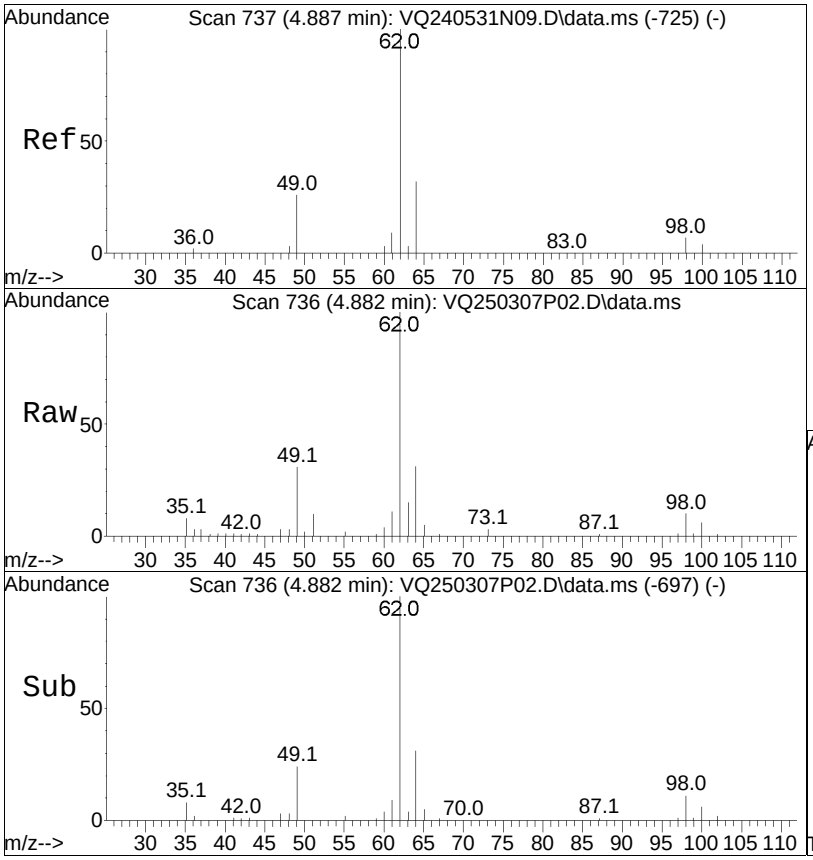


#45
Benzene
Concen: 9.10 ug/L
RT: 4.683 min Scan# 698
Delta R.T. -0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 78 Resp: 291449

Ion	Ratio	Lower	Upper
78	100		
77	24.3	15.9	33.1
51	17.6	12.3	25.5
52	16.5	11.3	23.5

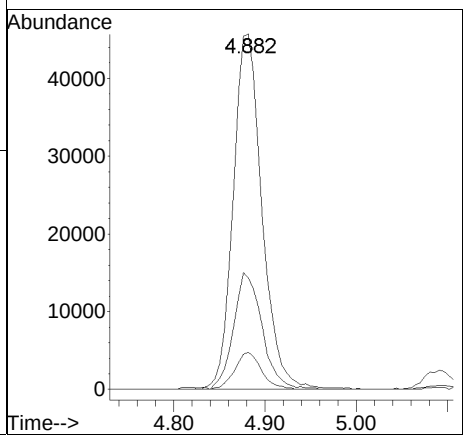


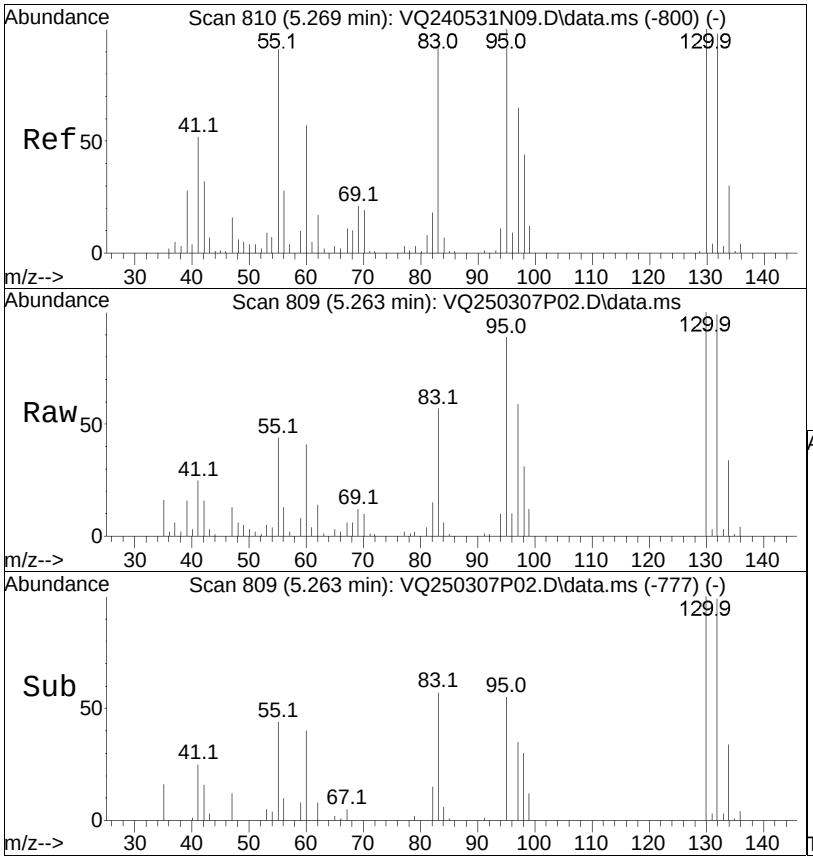


#48
1,2-Dichloroethane
Concen: 9.65 ug/L
RT: 4.882 min Scan# 736
Delta R.T. 0.006 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 62 Resp: 100641

Ion	Ratio	Lower	Upper
62	100		
64	32.6	12.6	52.6
98	9.7	0.0	28.2

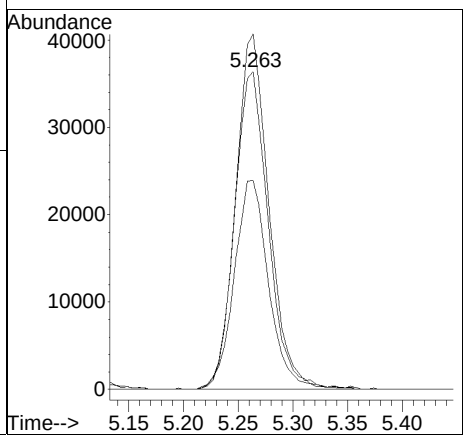


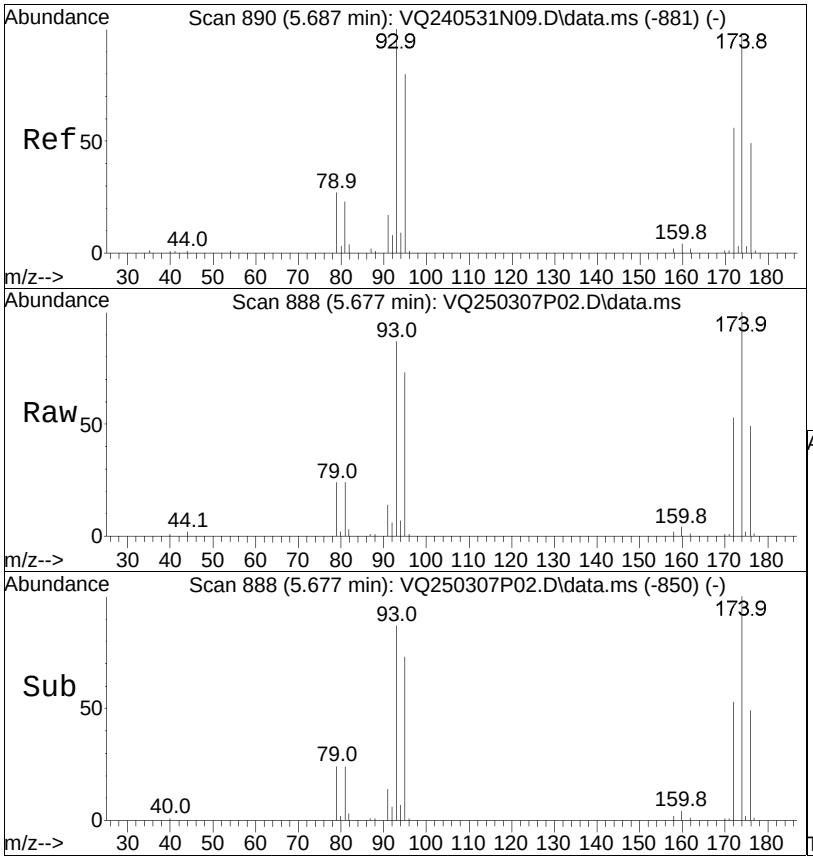


#52
Trichloroethene
Concen: 9.55 ug/L
RT: 5.263 min Scan# 809
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 95 Resp: 78201

Ion	Ratio	Lower	Upper
95	100		
97	67.2	54.2	81.4
130	110.1	81.8	122.6

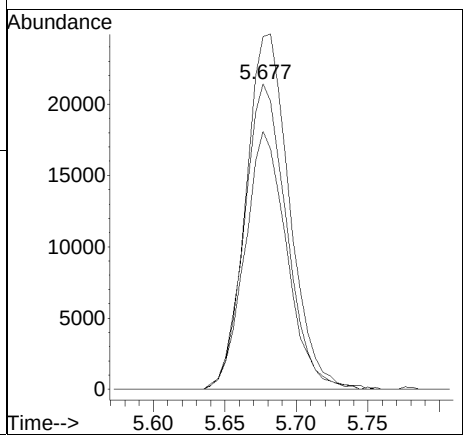


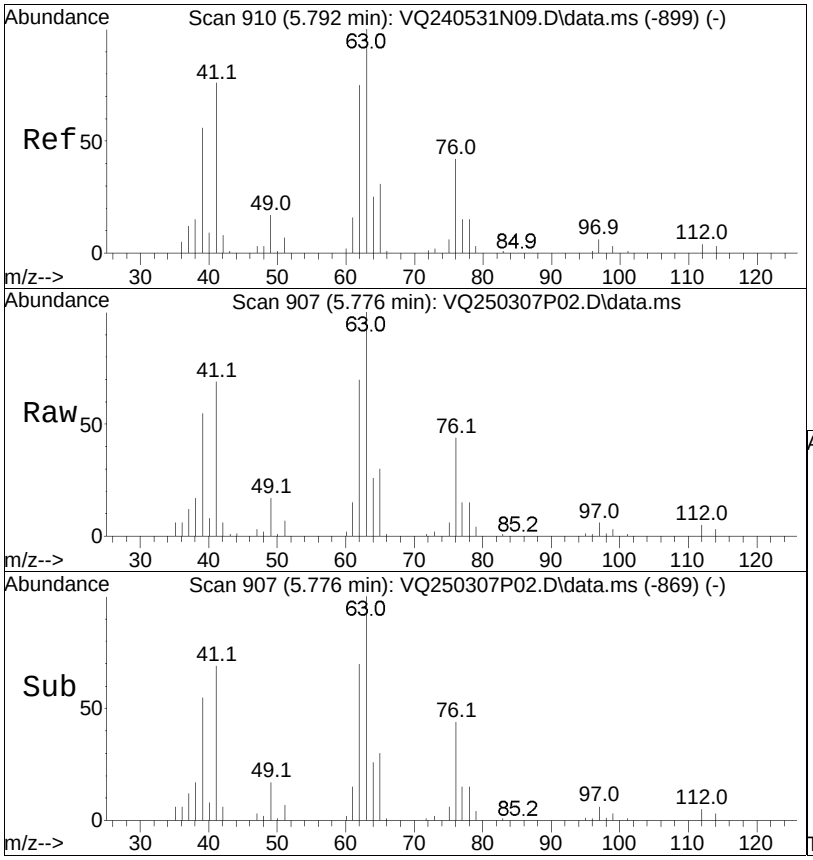


#54
Dibromomethane
Concen: 9.51 ug/L
RT: 5.677 min Scan# 888
Delta R.T. -0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 93 Resp: 44071

Ion	Ratio	Lower	Upper
93	100		
95	84.3	65.3	97.9
174	120.4	77.8	116.6#

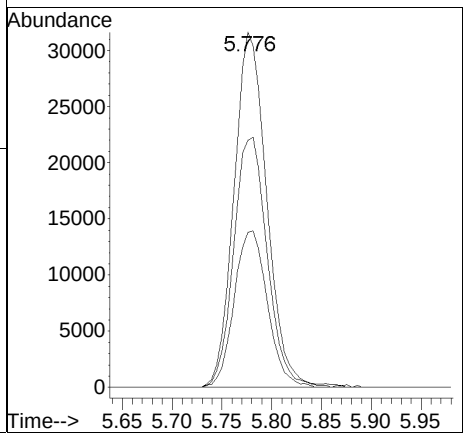


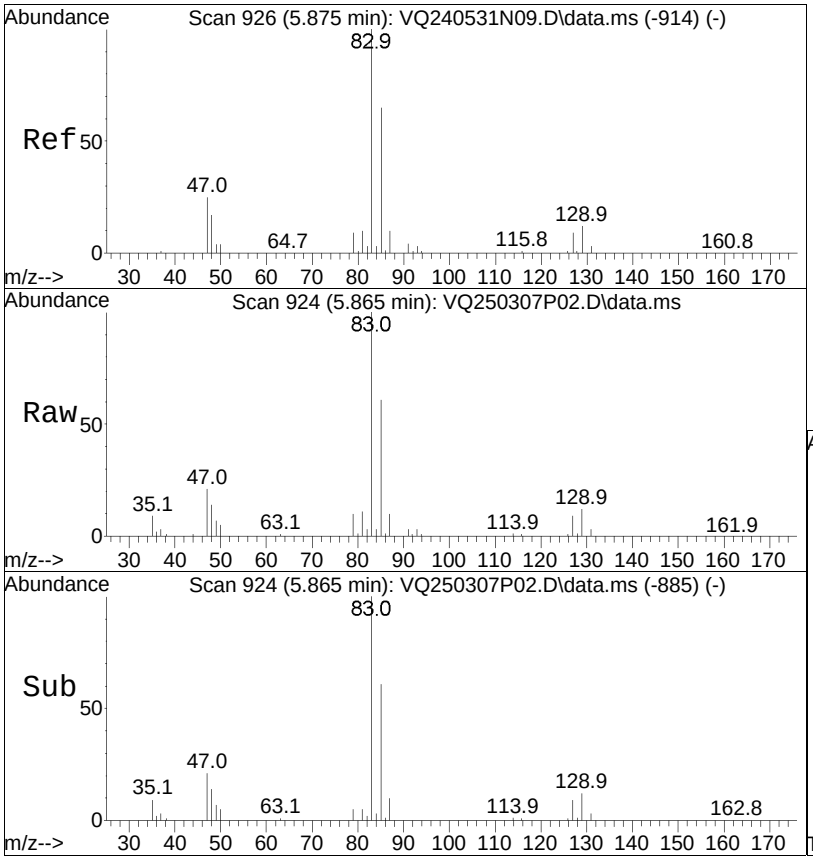


#55
1,2-Dichloropropane
Concen: 8.98 ug/L
RT: 5.776 min Scan# 907
Delta R.T. -0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 63 Resp: 72779

Ion	Ratio	Lower	Upper
63	100		
62	71.8	57.6	86.4
76	44.6	38.5	57.7

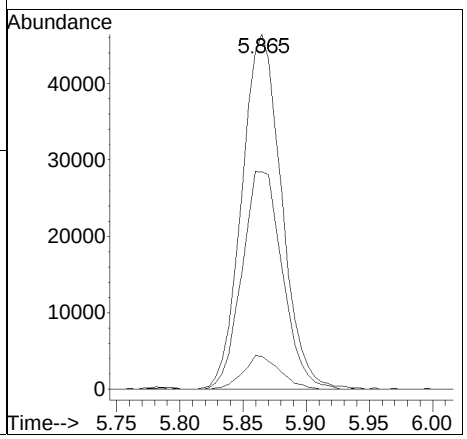


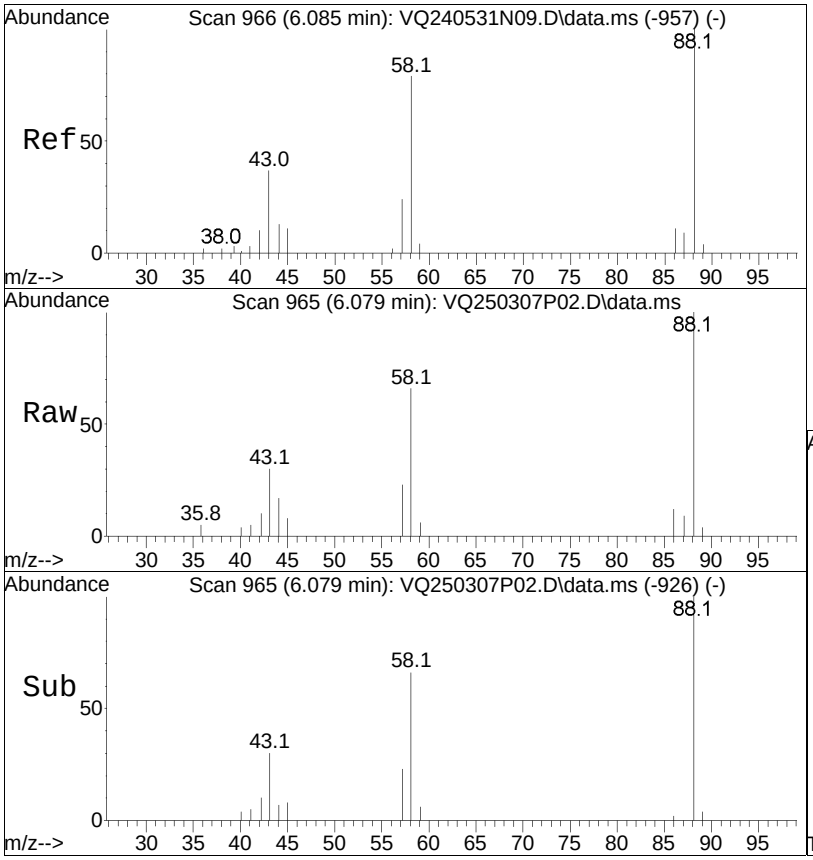


#58
Bromodichloromethane
Concen: 9.11 ug/L
RT: 5.865 min Scan# 924
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 83 Resp: 101924

Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.4	77.2
127	8.9	6.9	10.3

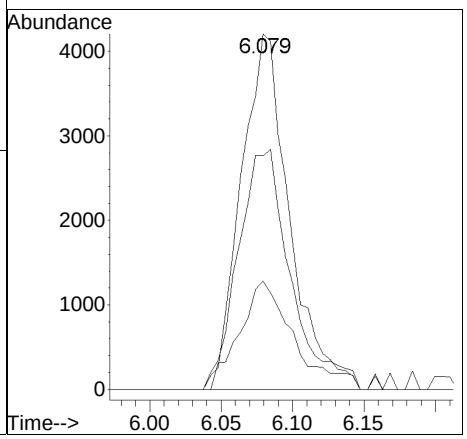


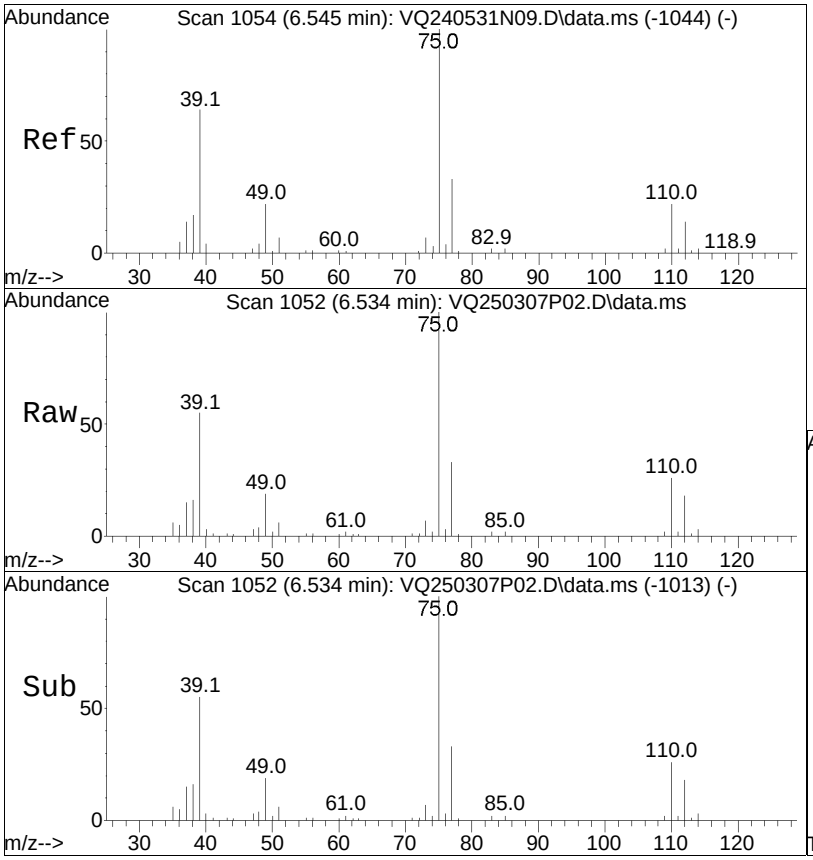


#61
1,4-Dioxane
Concen: 448.38 ug/L
RT: 6.079 min Scan# 965
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 88 Resp: 9923

Ion	Ratio	Lower	Upper
88	100		
58	73.0	59.1	88.7
43	34.0	30.0	45.0

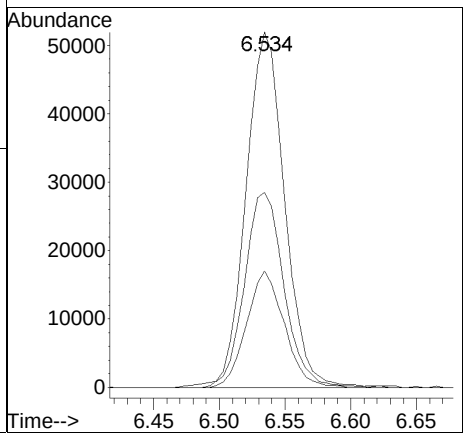


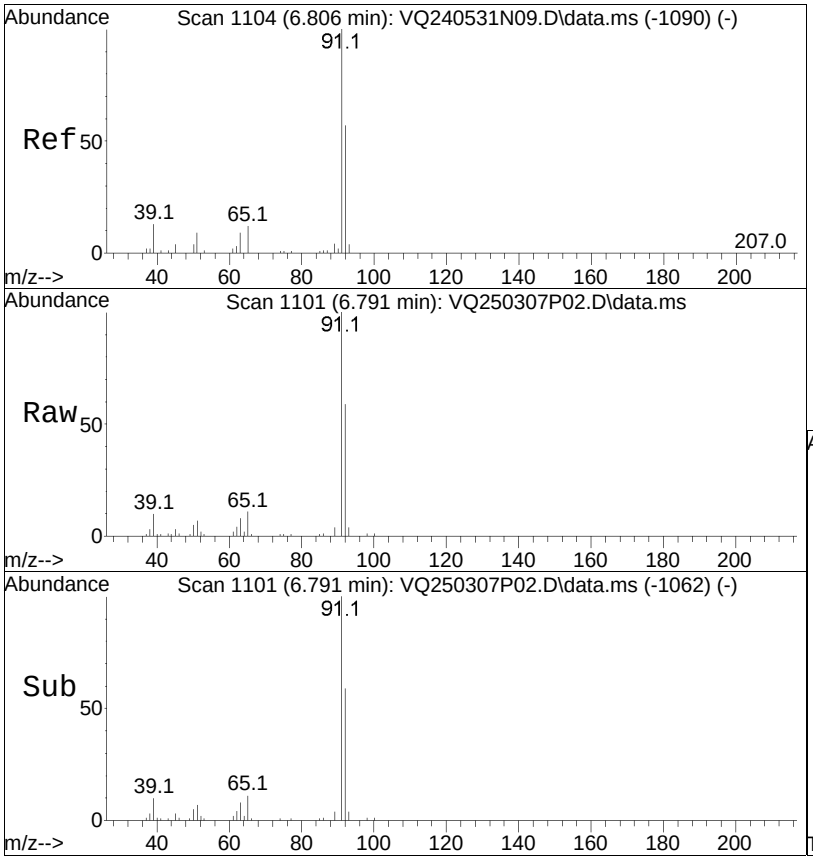


#62
cis-1,3-Dichloropropene
Concen: 8.45 ug/L
RT: 6.534 min Scan# 1052
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 75 Resp: 105988

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.0	37.6
39	56.7	50.6	75.8

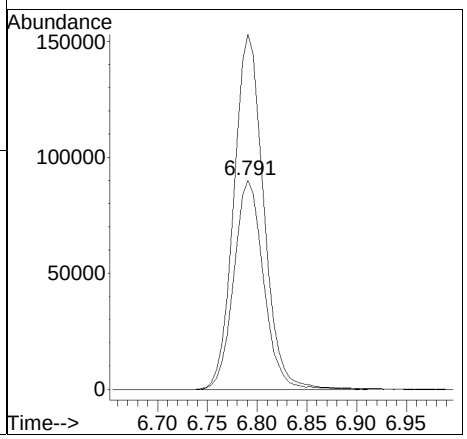


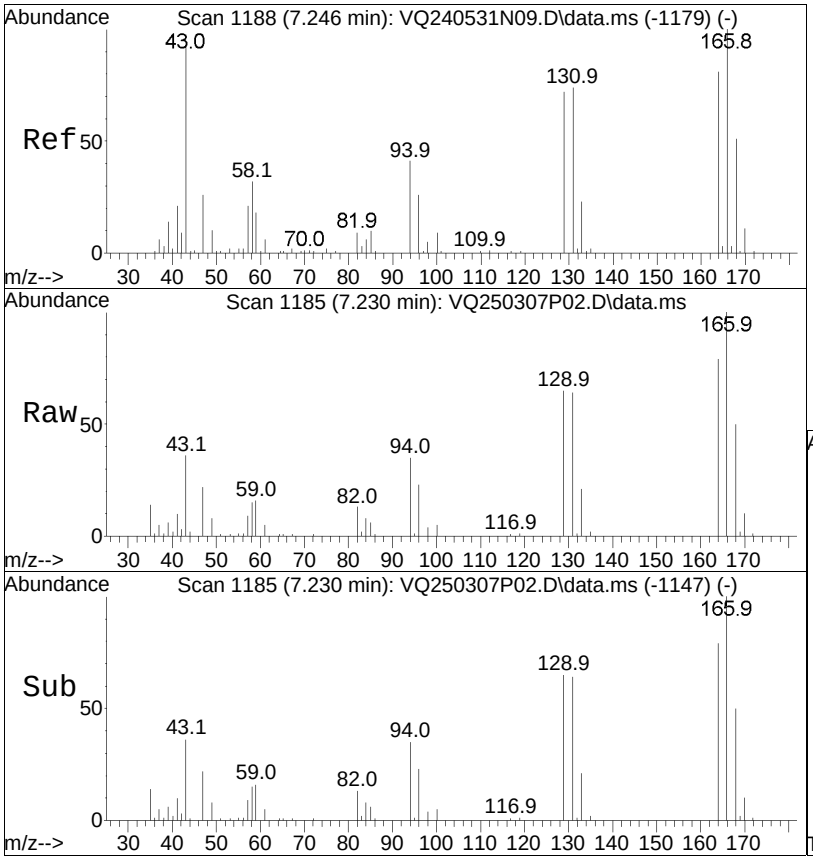


#65
Toluene
Concen: 9.10 ug/L
RT: 6.791 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 92 Resp: 187580

Ion	Ratio	Lower	Upper
92	100		
91	169.8	135.9	203.9

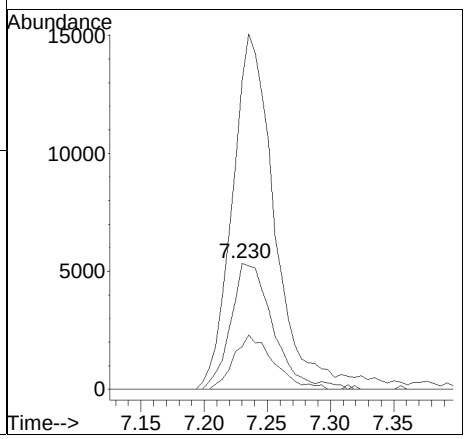


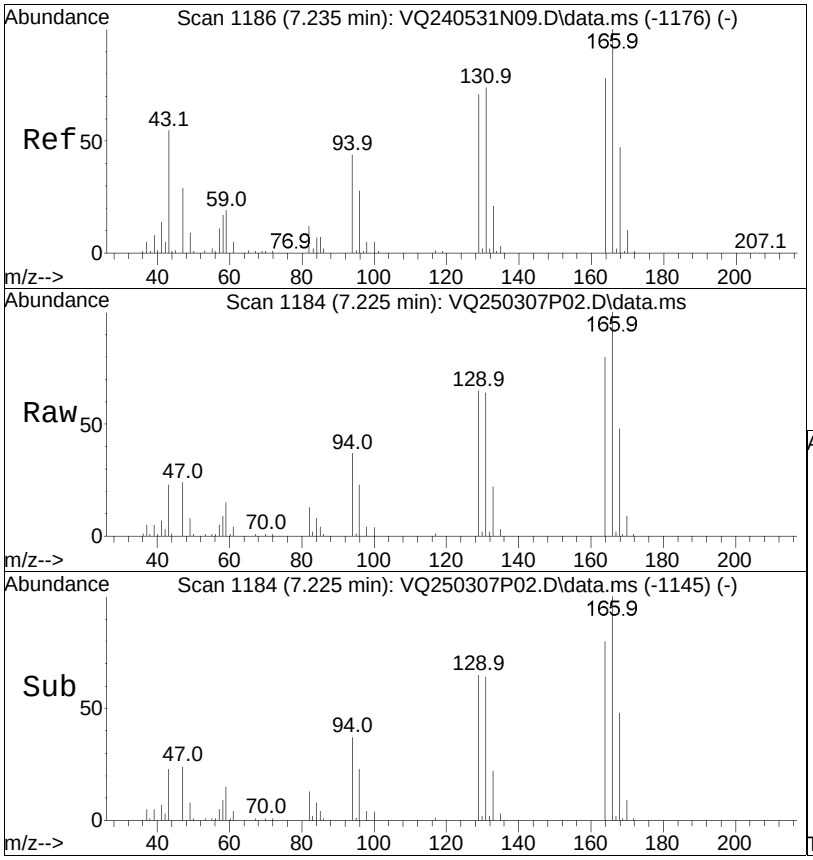


#66
4-Methyl-2-pentanone
Concen: 7.35 ug/L
RT: 7.230 min Scan# 1185
Delta R.T. -0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 58 Resp: 12518

Ion	Ratio	Lower	Upper
58	100		
100	40.6	30.1	45.1
43	288.0	226.7	340.1

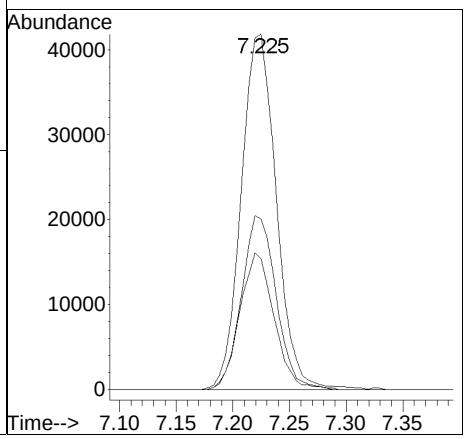


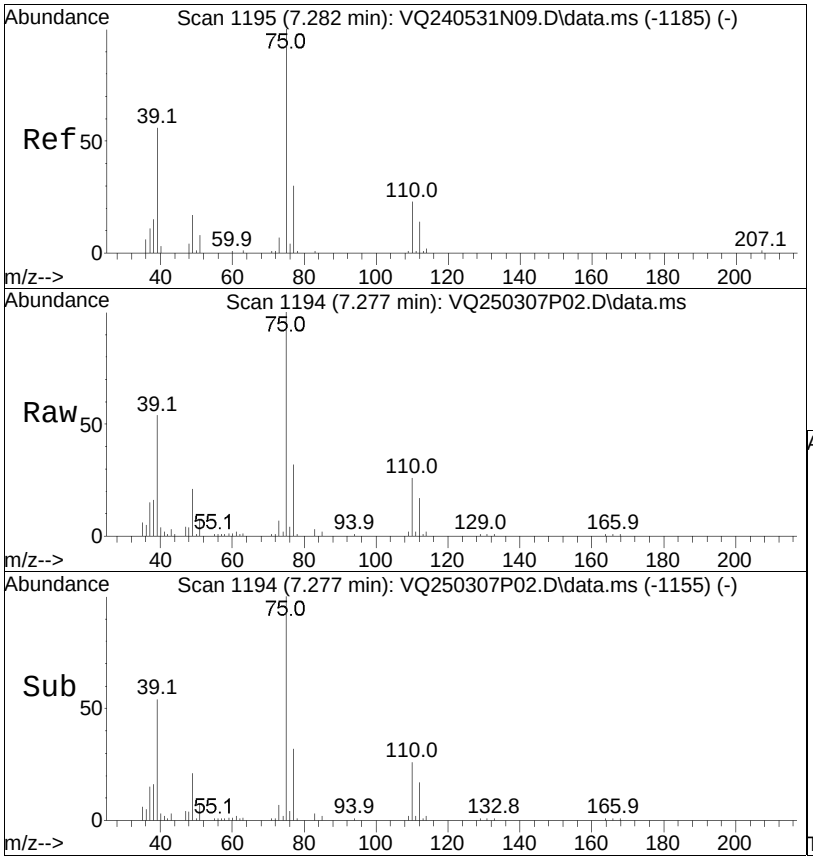


#67
Tetrachloroethene
Concen: 9.98 ug/L
RT: 7.225 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:166 Resp: 90149

Ion	Ratio	Lower	Upper
166	100		
168	48.2	28.0	68.0
94	37.4	27.8	67.8

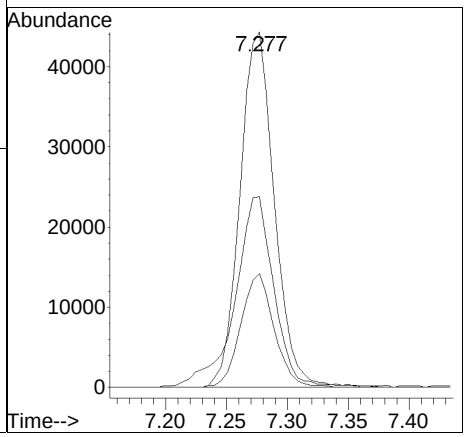


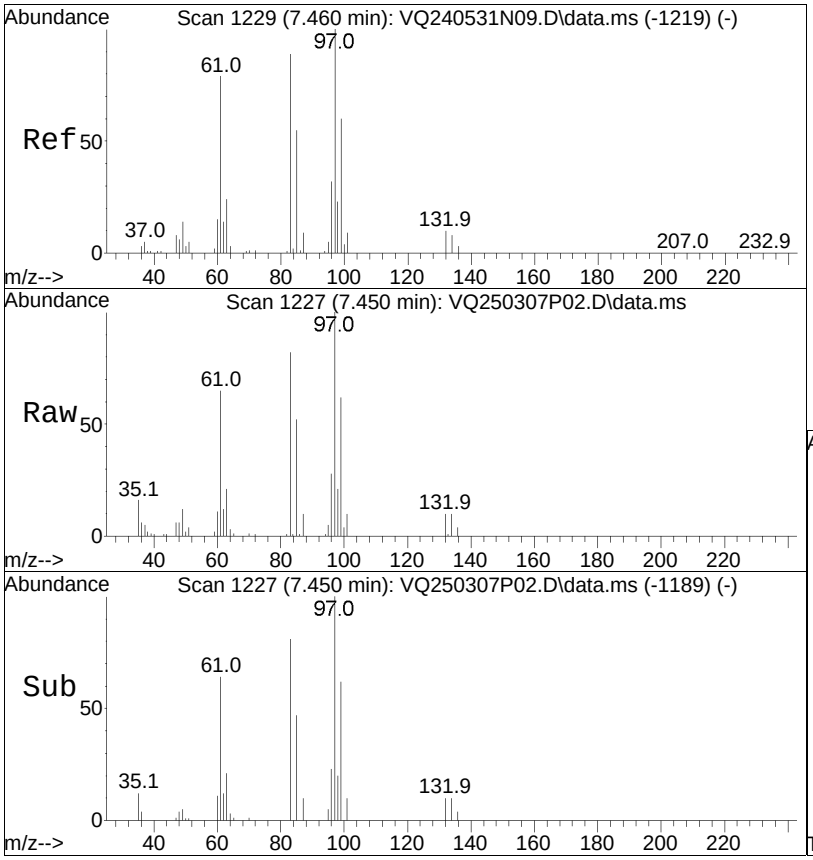


#69
trans-1,3-Dichloropropene
Concen: 8.19 ug/L
RT: 7.277 min Scan# 1194
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 75 Resp: 87295

Ion	Ratio	Lower	Upper
75	100		
77	31.0	11.4	51.4
39	61.0	44.3	84.3

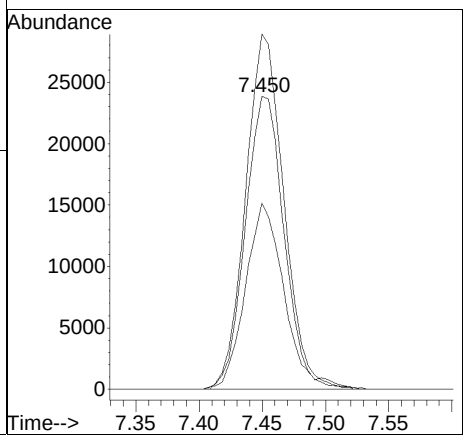


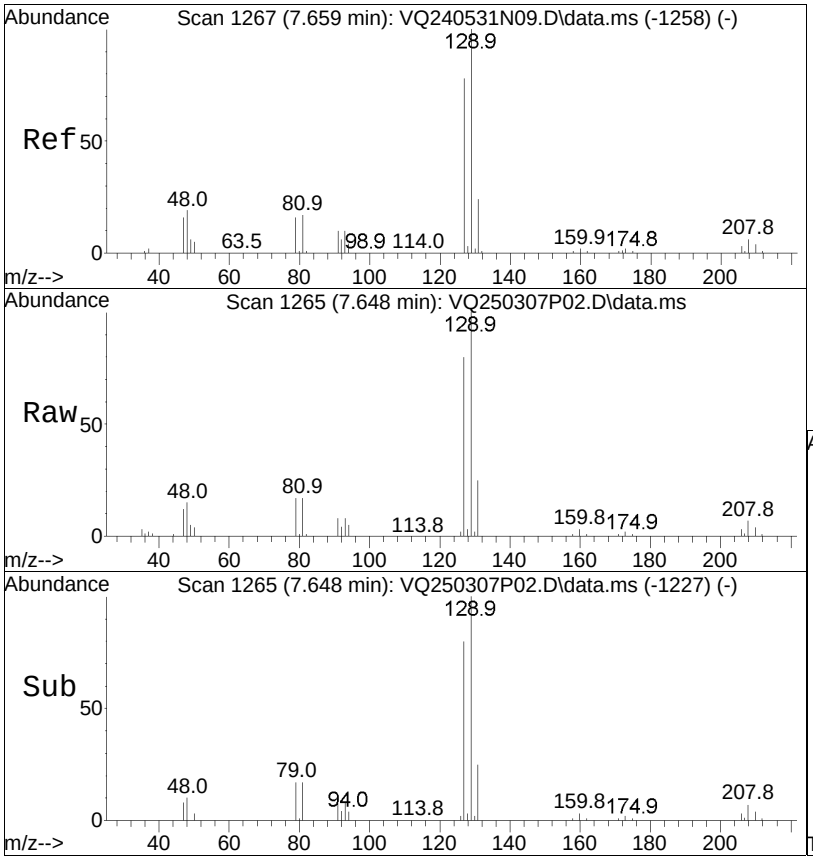


#72
1,1,2-Trichloroethane
Concen: 9.73 ug/L
RT: 7.450 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 83 Resp: 50950

Ion	Ratio	Lower	Upper
83	100		
97	119.3	99.2	139.2
85	63.7	48.7	88.7

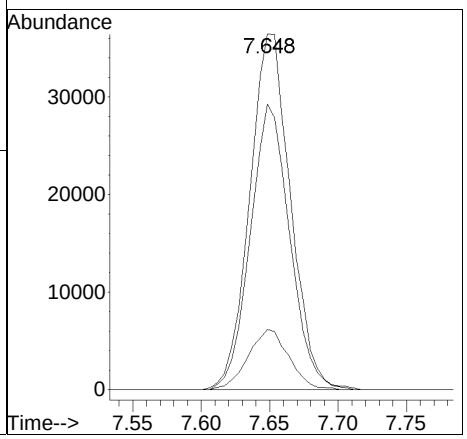


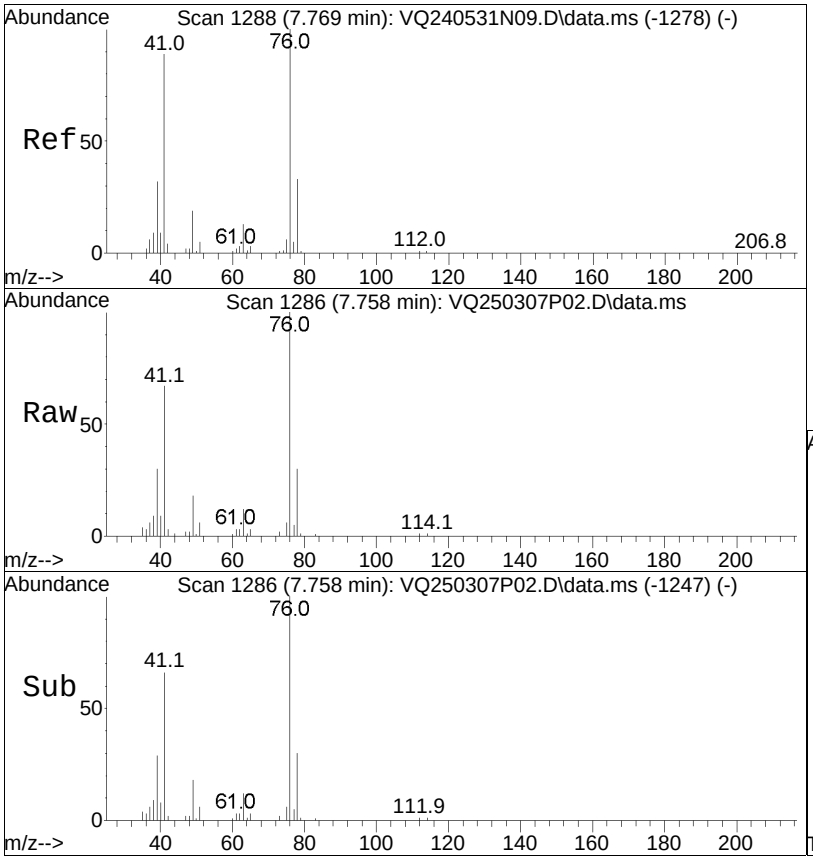


#73
Chlorodibromomethane
Concen: 9.37 ug/L
RT: 7.648 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:129 Resp: 75430

Ion	Ratio	Lower	Upper
129	100		
81	16.8	0.0	36.2
127	77.5	58.0	98.0

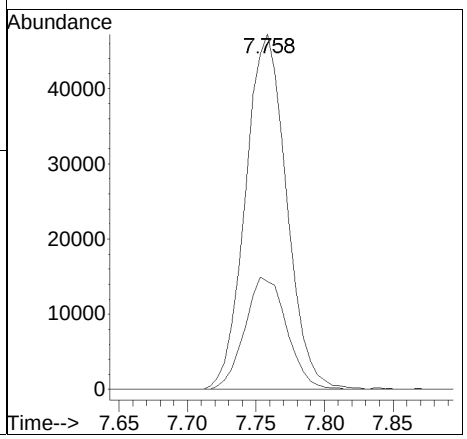


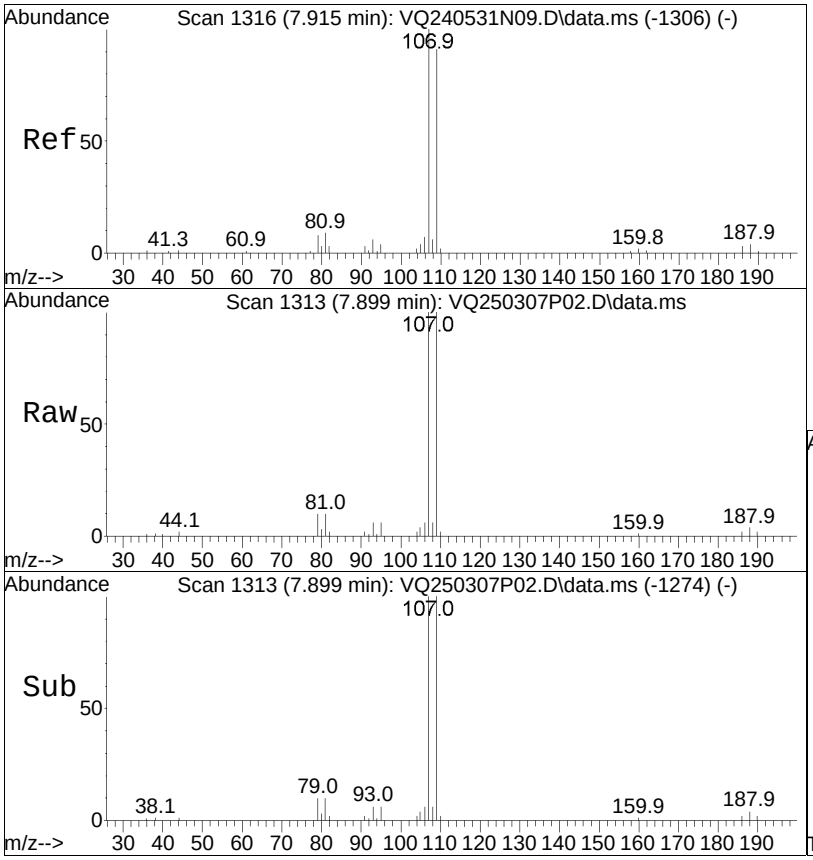


#74
1,3-Dichloropropane
Concen: 8.95 ug/L
RT: 7.758 min Scan# 1286
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 76 Resp: 98752

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.5	38.3

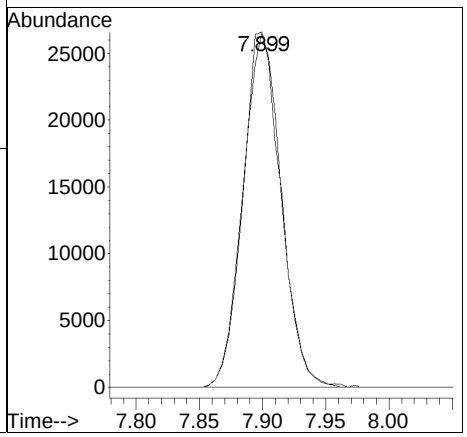


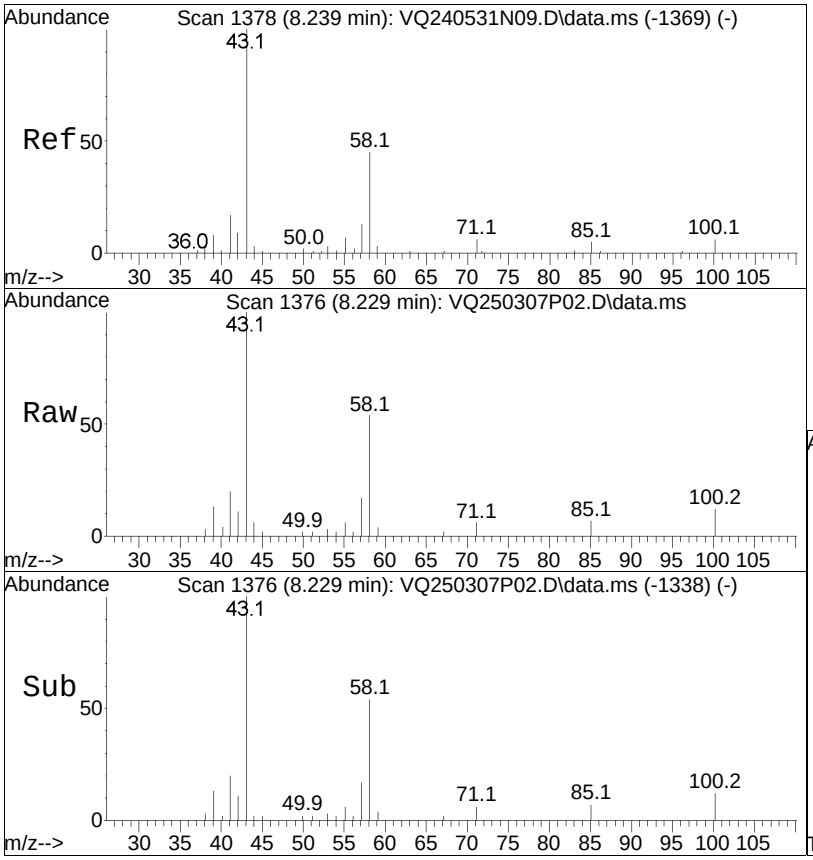


#75
1,2-Dibromoethane
Concen: 9.43 ug/L
RT: 7.899 min Scan# 1313
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:107 Resp: 56868

Ion	Ratio	Lower	Upper
107	100		
109	96.4	75.7	113.5

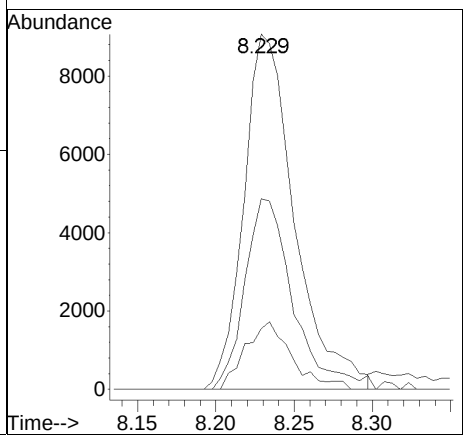


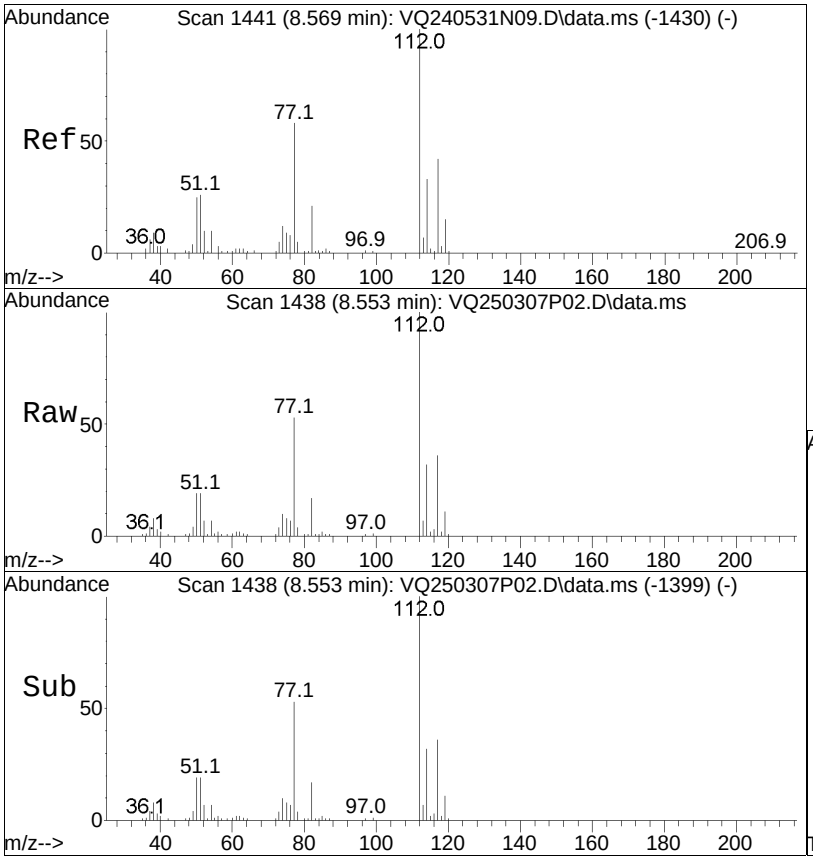


#77
2-Hexanone
Concen: 6.76 ug/L
RT: 8.229 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 43 Resp: 20523

Ion	Ratio	Lower	Upper
43	100		
58	51.5	38.2	57.4
57	17.6	14.1	21.1

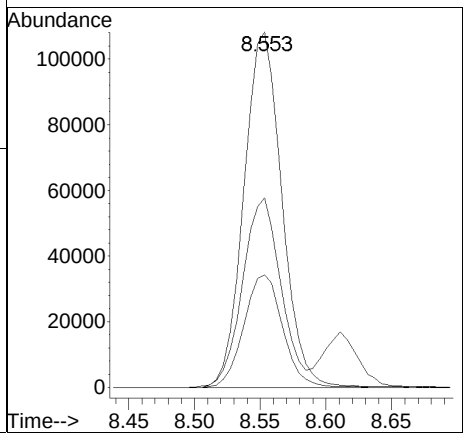


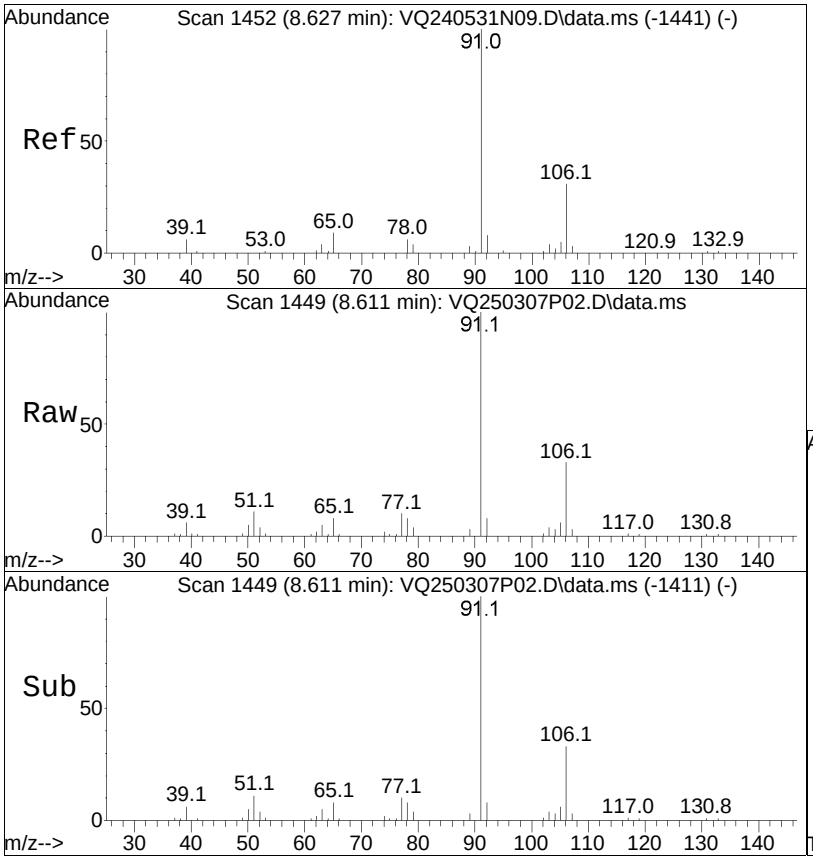


#78
Chlorobenzene
Concen: 9.38 ug/L
RT: 8.553 min Scan# 1438
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:112 Resp: 217375

Ion	Ratio	Lower	Upper
112	100		
77	53.8	50.7	76.1
114	32.4	25.6	38.4

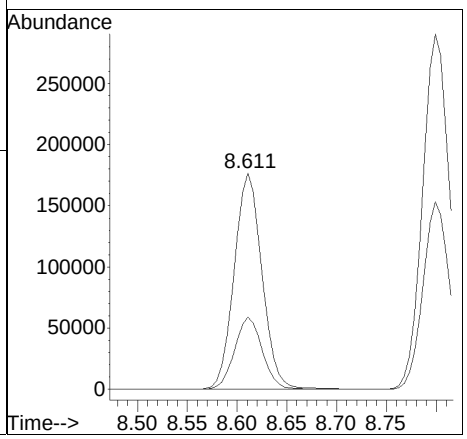


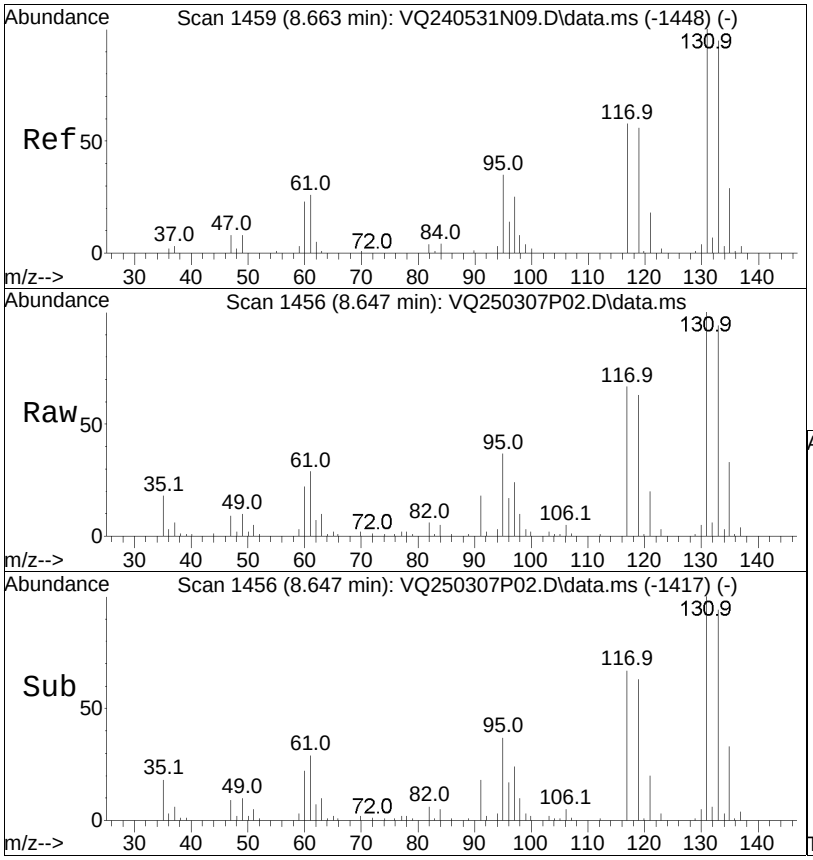


#79
Ethylbenzene
Concen: 8.57 ug/L
RT: 8.611 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 91 Resp: 343957

Ion	Ratio	Lower	Upper
91	100		
106	33.4	24.6	36.8

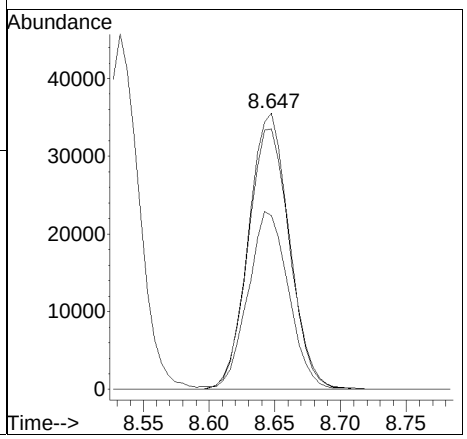


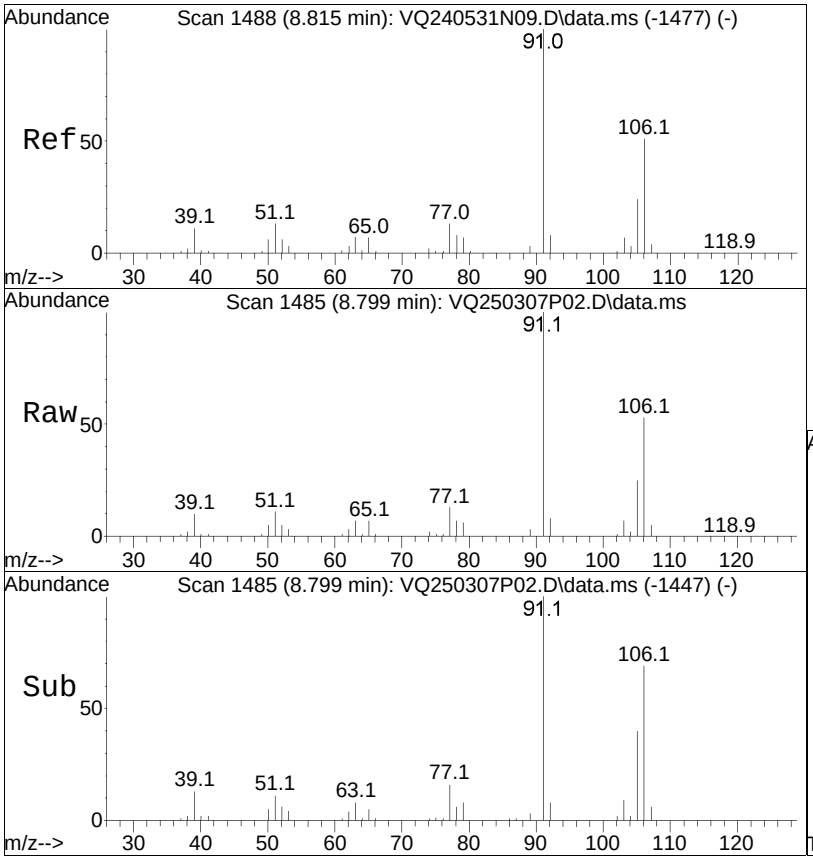


#80
1,1,1,2-Tetrachloroethane
Concen: 9.10 ug/L
RT: 8.647 min Scan# 1456
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:131 Resp: 76793

Ion	Ratio	Lower	Upper
131	100		
133	96.7	75.2	115.2
119	64.3	40.8	80.8

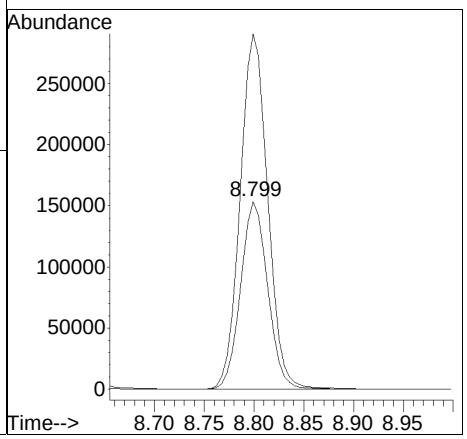


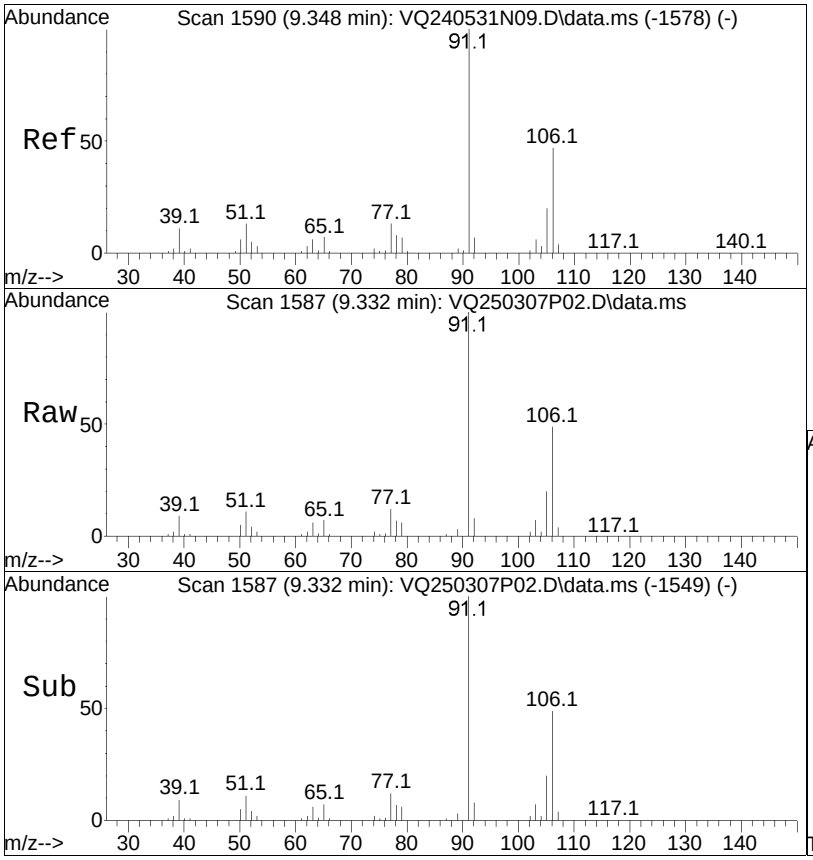


#81
p/m Xylene
Concen: 17.98 ug/L
RT: 8.799 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:106 Resp: 291709

Ion	Ratio	Lower	Upper
106	100		
91	191.2	165.5	248.3

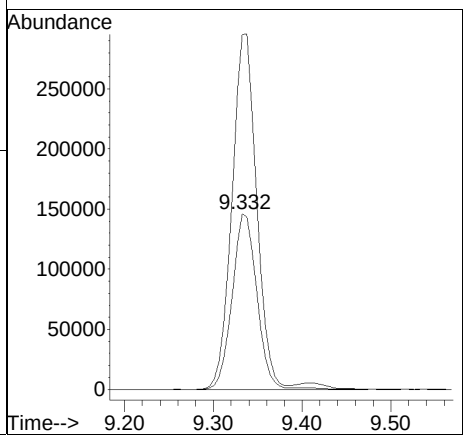


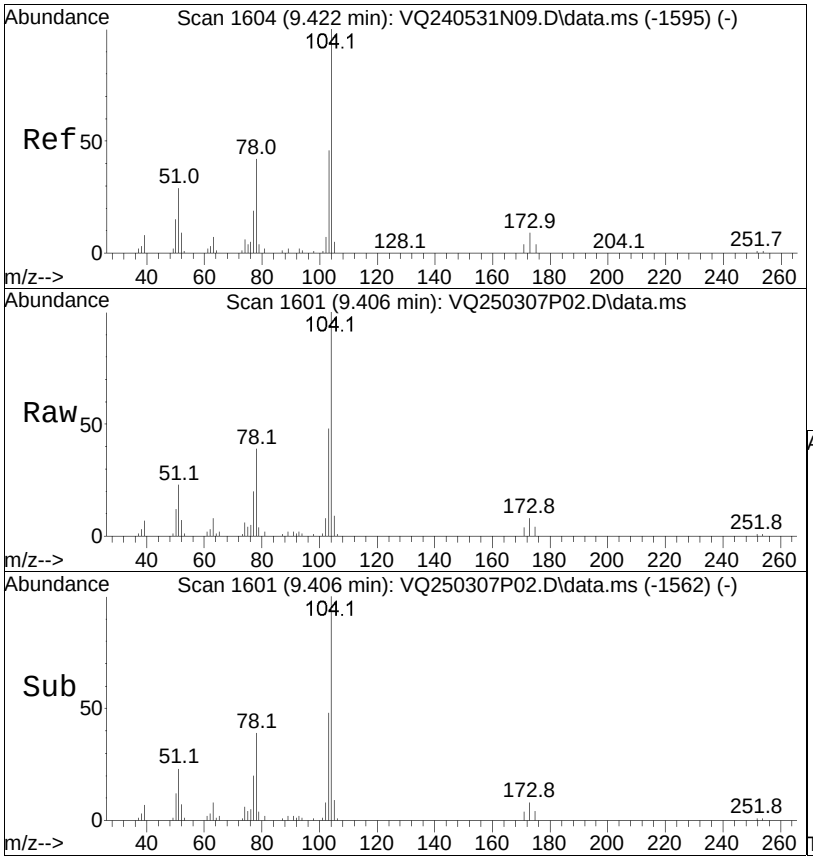


#82
o Xylene
Concen: 17.80 ug/L
RT: 9.332 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:106 Resp: 283247

Ion	Ratio	Lower	Upper
106	100		
91	200.7	176.5	264.7

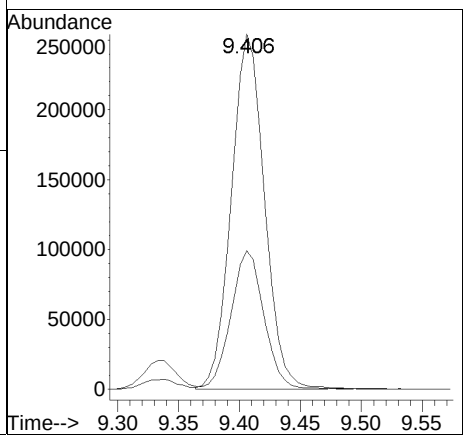


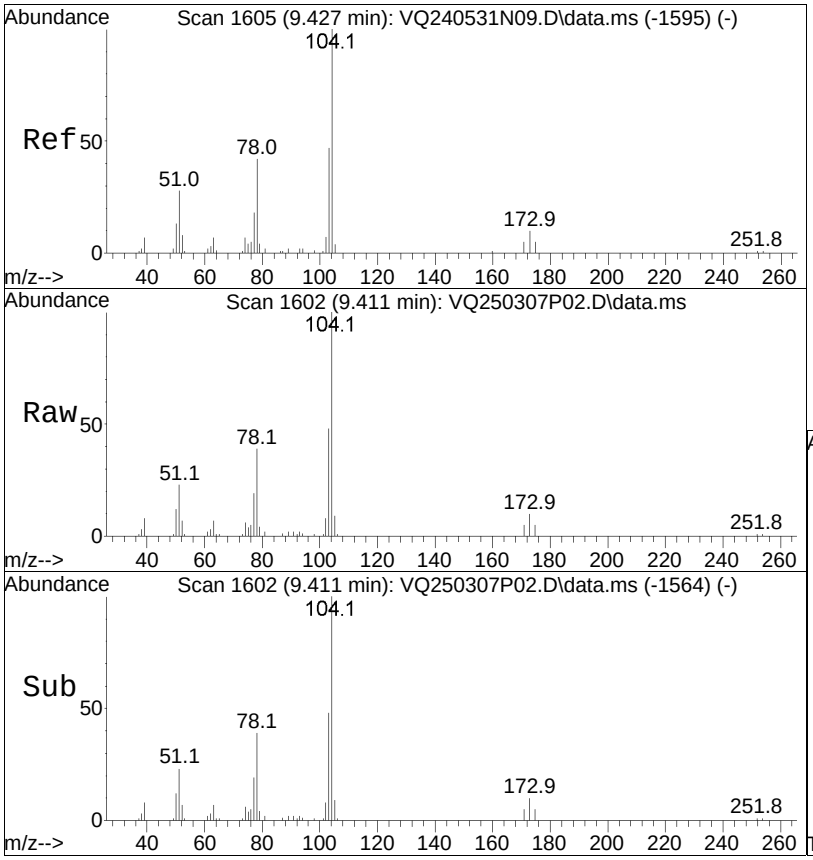


#83
Styrene
Concen: 18.03 ug/L
RT: 9.406 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:104 Resp: 479725

Ion	Ratio	Lower	Upper
104	100		
78	38.7	37.5	56.3

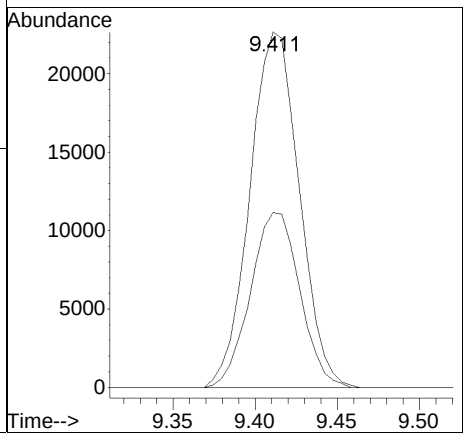


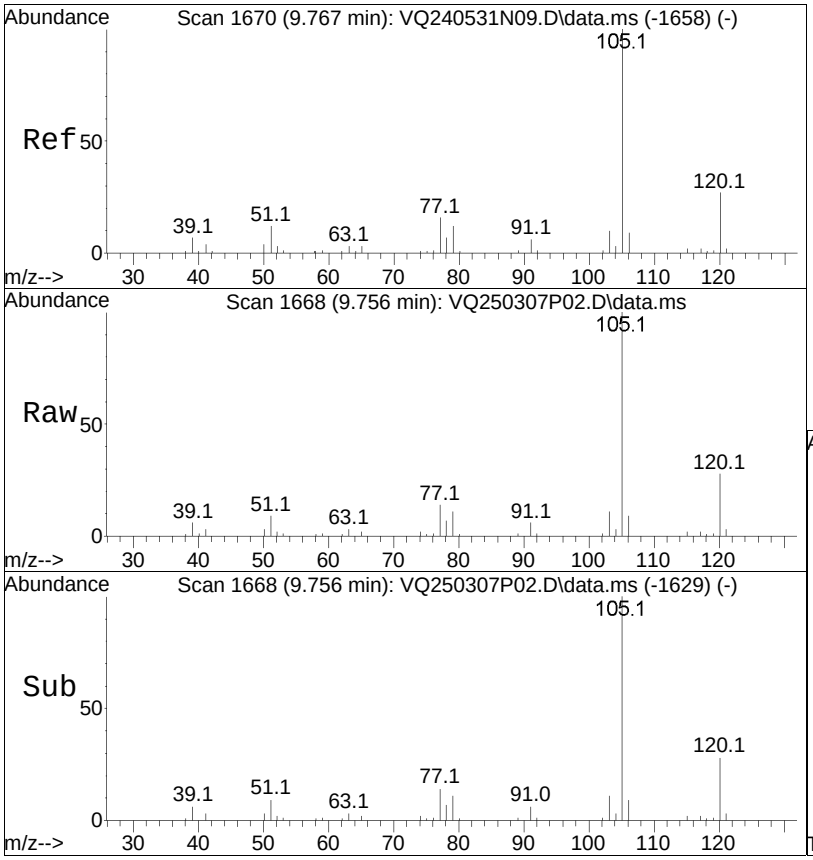


#85
Bromoform
Concen: 8.30 ug/L
RT: 9.411 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:173 Resp: 47391

Ion	Ratio	Lower	Upper
173	100		
175	49.0	29.0	69.0

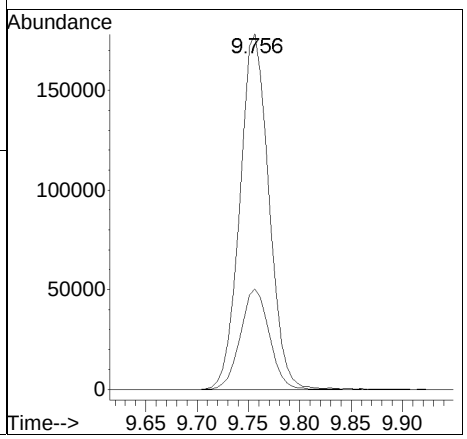


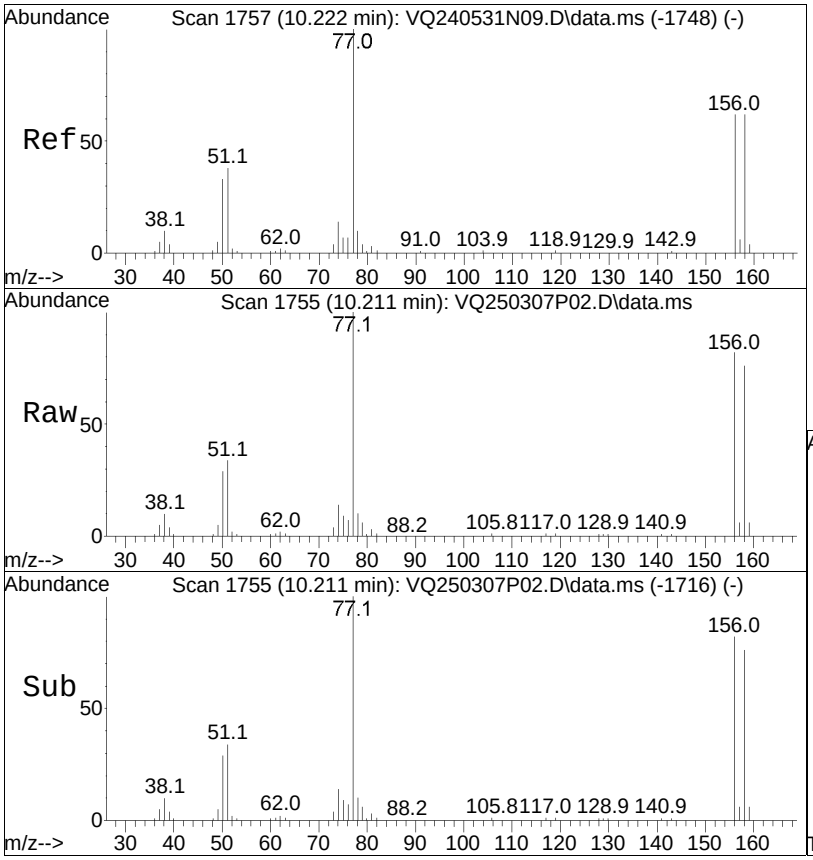


#87
Isopropylbenzene
Concen: 7.72 ug/L
RT: 9.756 min Scan# 1668
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:105 Resp: 350881

Ion	Ratio	Lower	Upper
105	100		
120	28.1	6.5	46.5

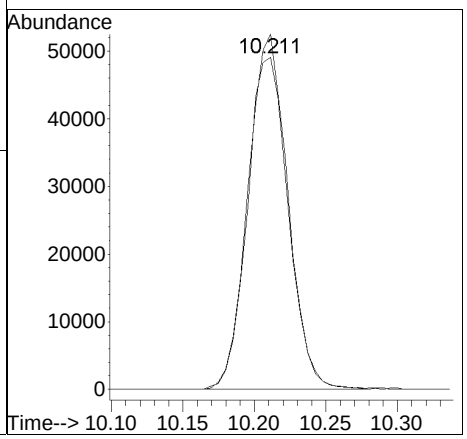


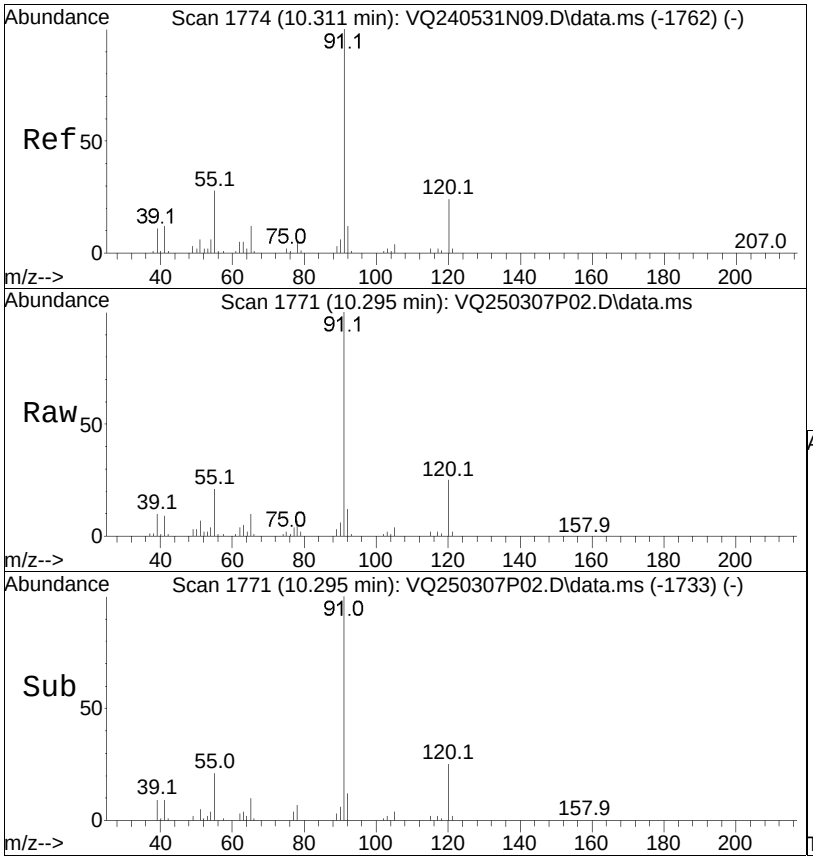


#89
Bromobenzene
Concen: 8.78 ug/L
RT: 10.211 min Scan# 1755
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:156 Resp: 101465

Ion	Ratio	Lower	Upper
156	100		
158	96.3	77.7	116.5

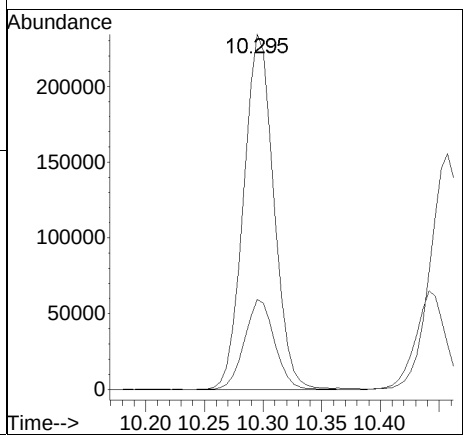


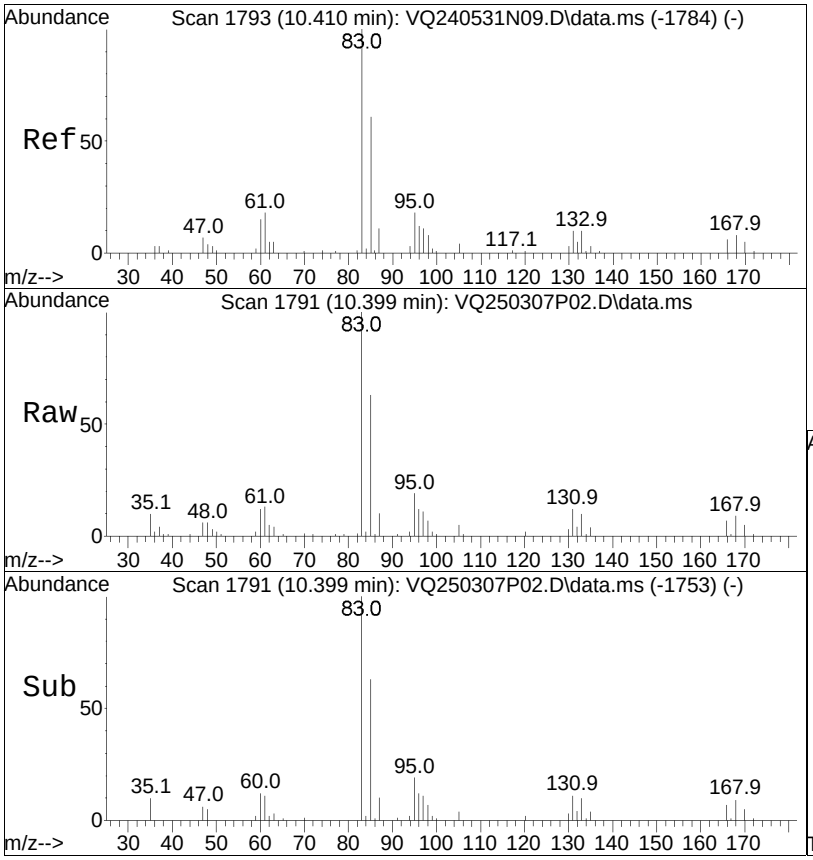


#90
n-Propylbenzene
Concen: 7.80 ug/L
RT: 10.295 min Scan# 1771
Delta R.T. -0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 91 Resp: 420547

Ion	Ratio	Lower	Upper
91	100		
120	25.1	18.8	28.2

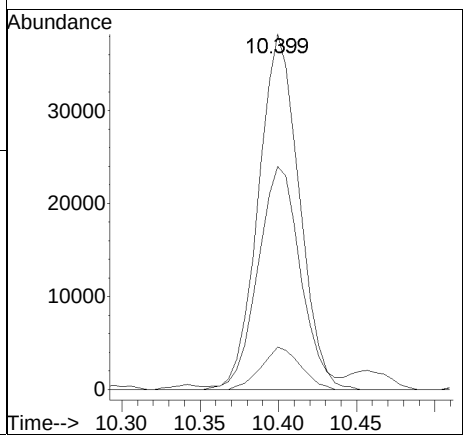


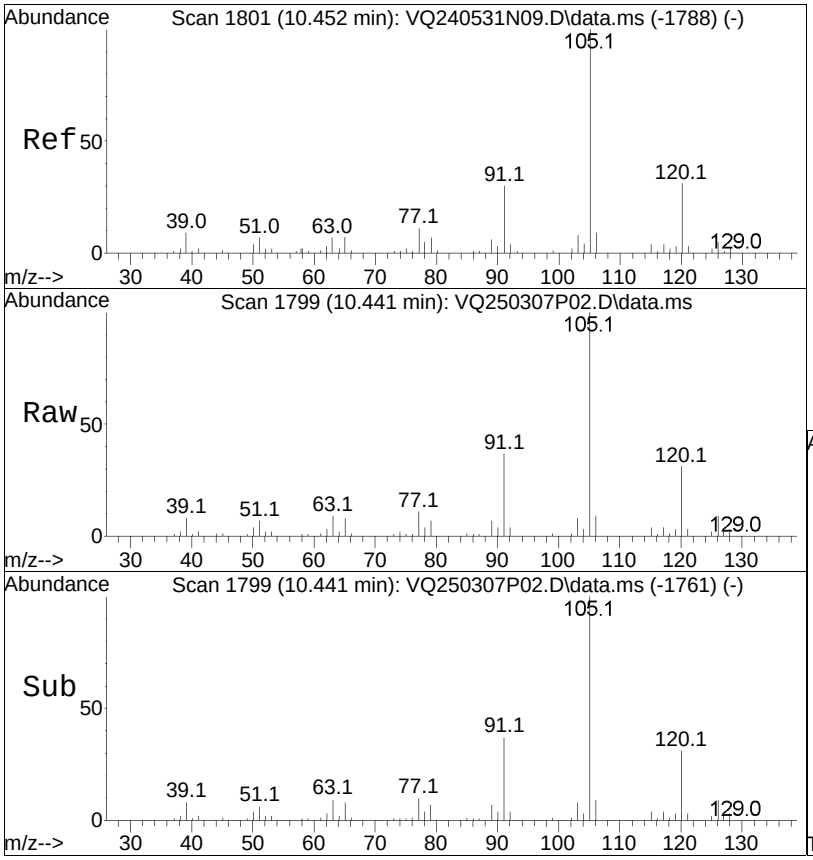


#92
1,1,2,2-Tetrachloroethane
Concen: 8.65 ug/L
RT: 10.399 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 83 Resp: 69230

Ion	Ratio	Lower	Upper
83	100		
131	11.5	0.0	31.0
85	64.0	45.4	85.4

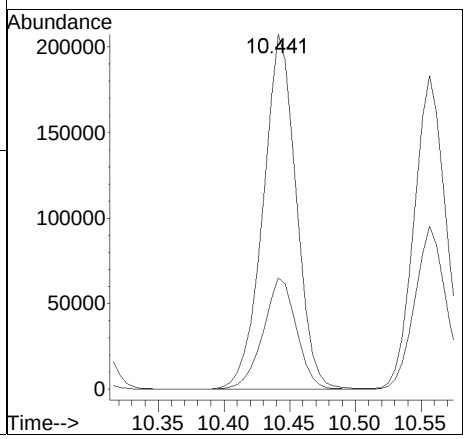


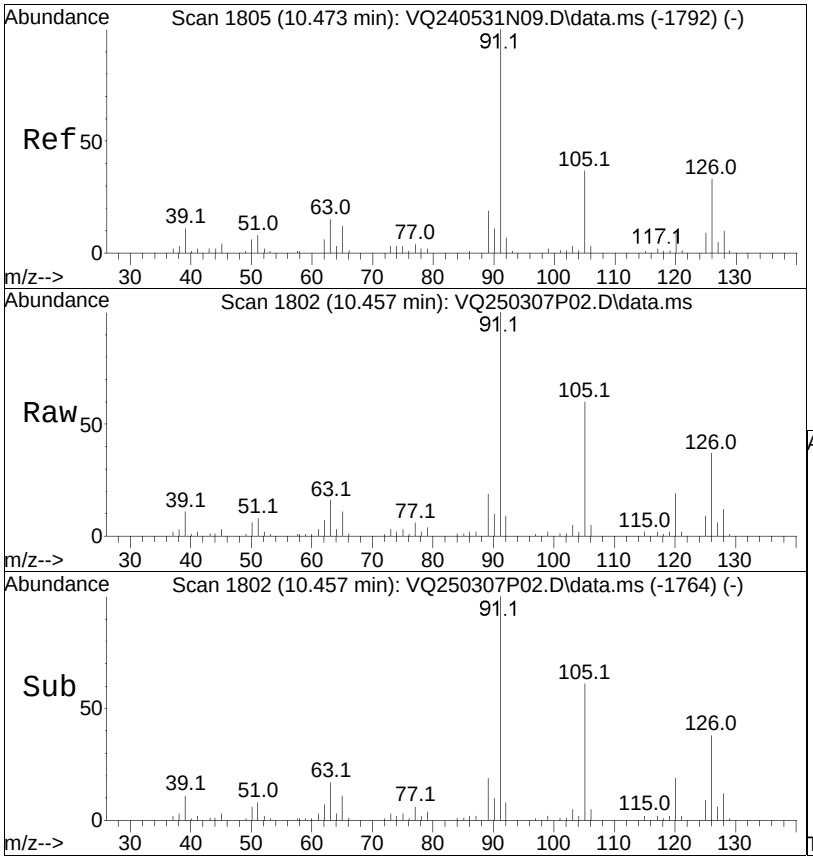


#93
4-Ethyltoluene
Concen: 7.90 ug/L
RT: 10.441 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:105 Resp: 364150

Ion	Ratio	Lower	Upper
105	100		
120	31.6	19.5	40.5

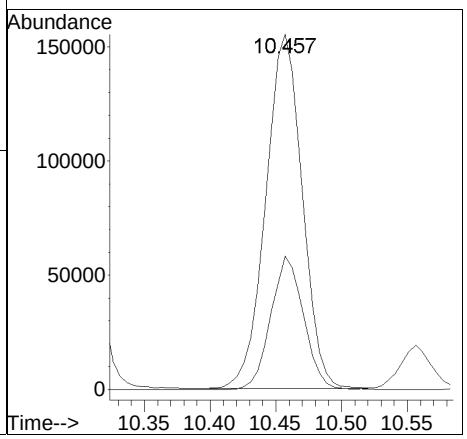


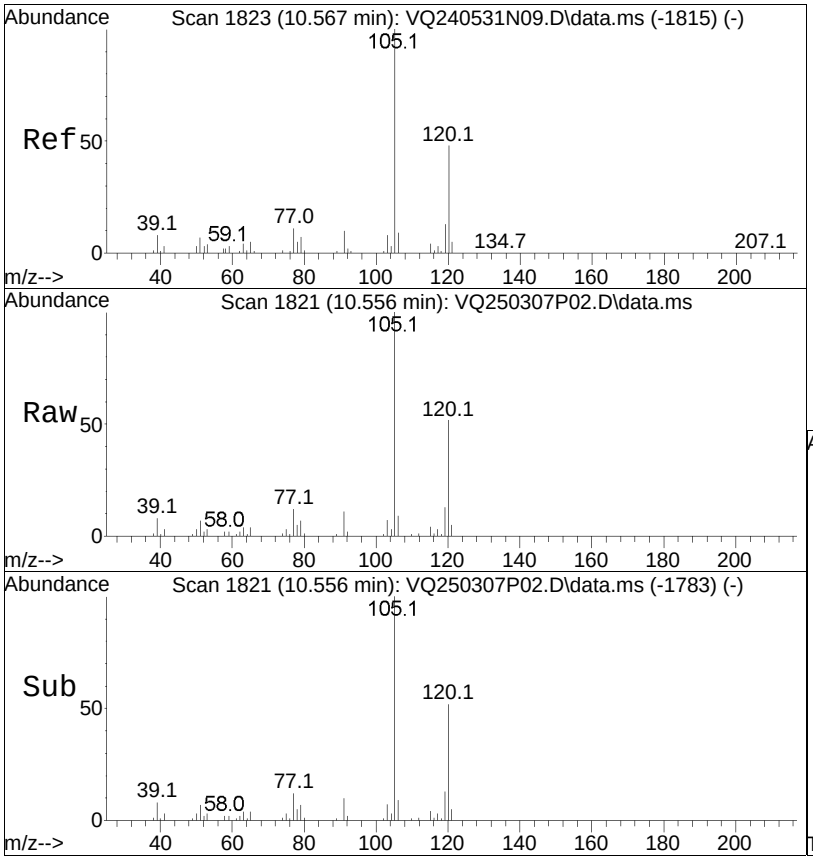


#94
2-Chlorotoluene
Concen: 7.84 ug/L
RT: 10.457 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 91 Resp: 300219

Ion	Ratio	Lower	Upper
91	100		
126	33.6	23.5	35.3

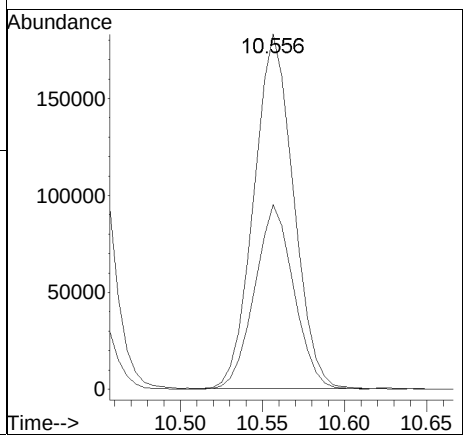


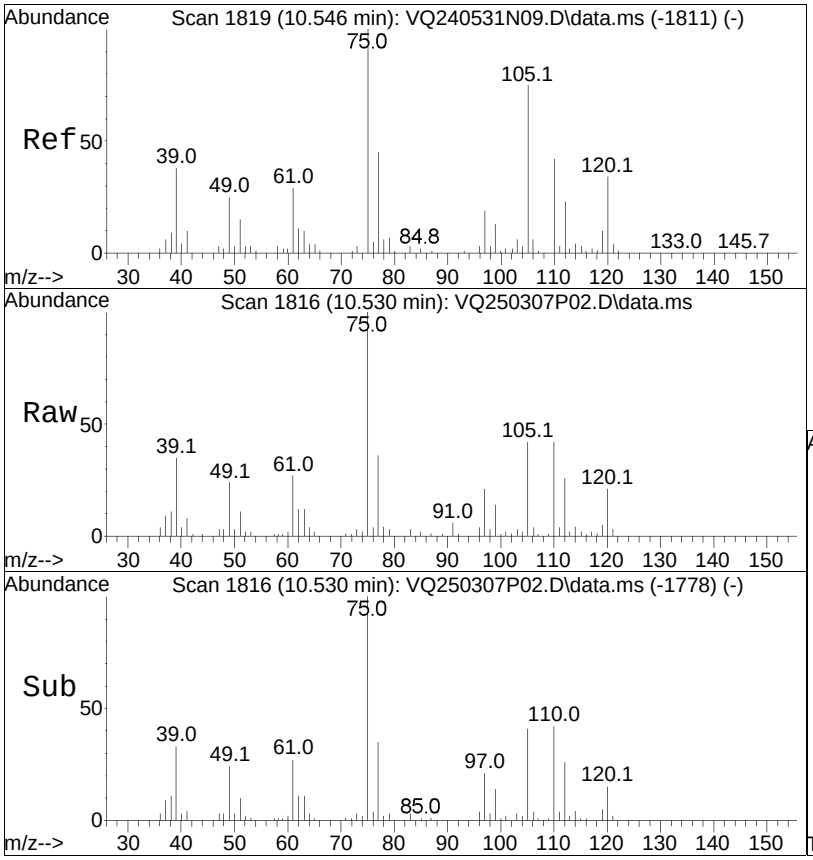


#95
1,3,5-Trimethylbenzene
Concen: 7.91 ug/L
RT: 10.556 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:105 Resp: 306396

Ion	Ratio	Lower	Upper
105	100		
120	51.5	39.3	58.9

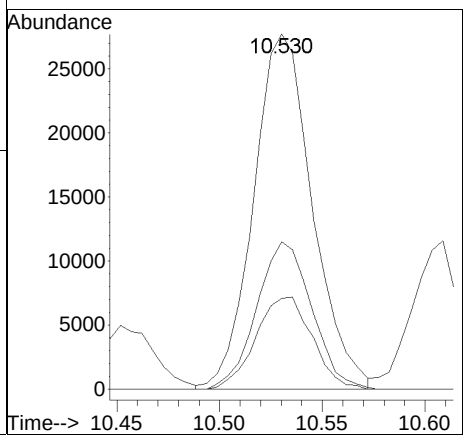


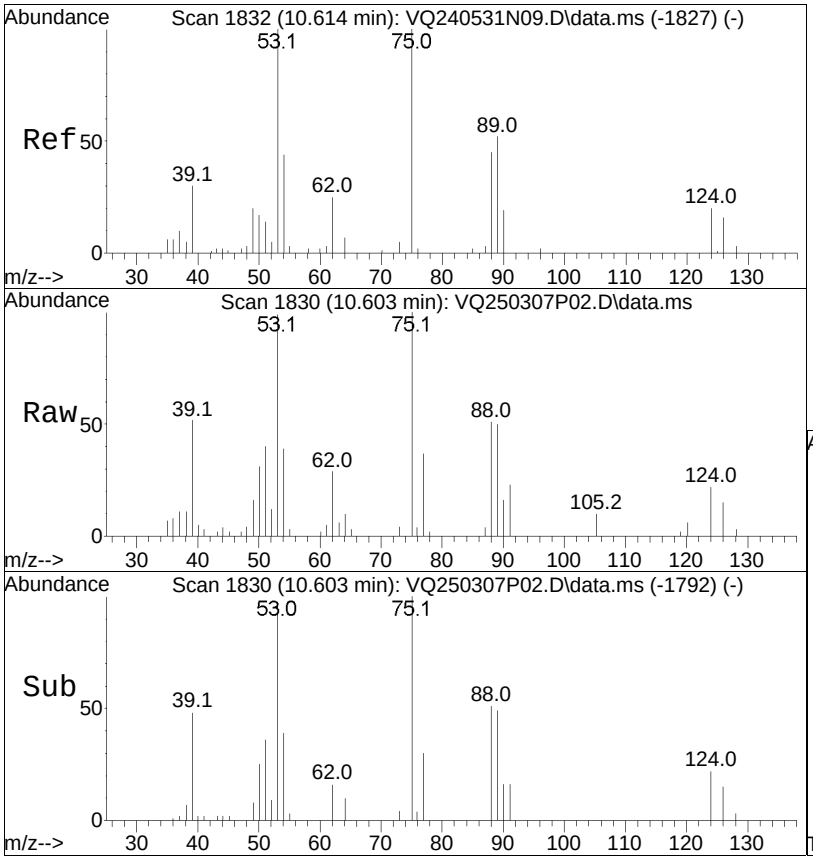


#96
1,2,3-Trichloropropane
Concen: 8.38 ug/L
RT: 10.530 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 75 Resp: 55181

Ion	Ratio	Lower	Upper
75	100		
110	38.9	22.9	47.5
112	25.0	14.6	30.4

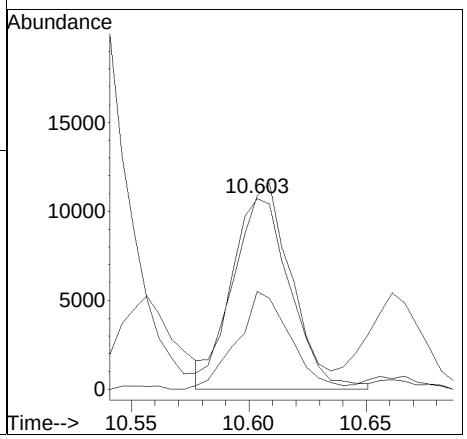


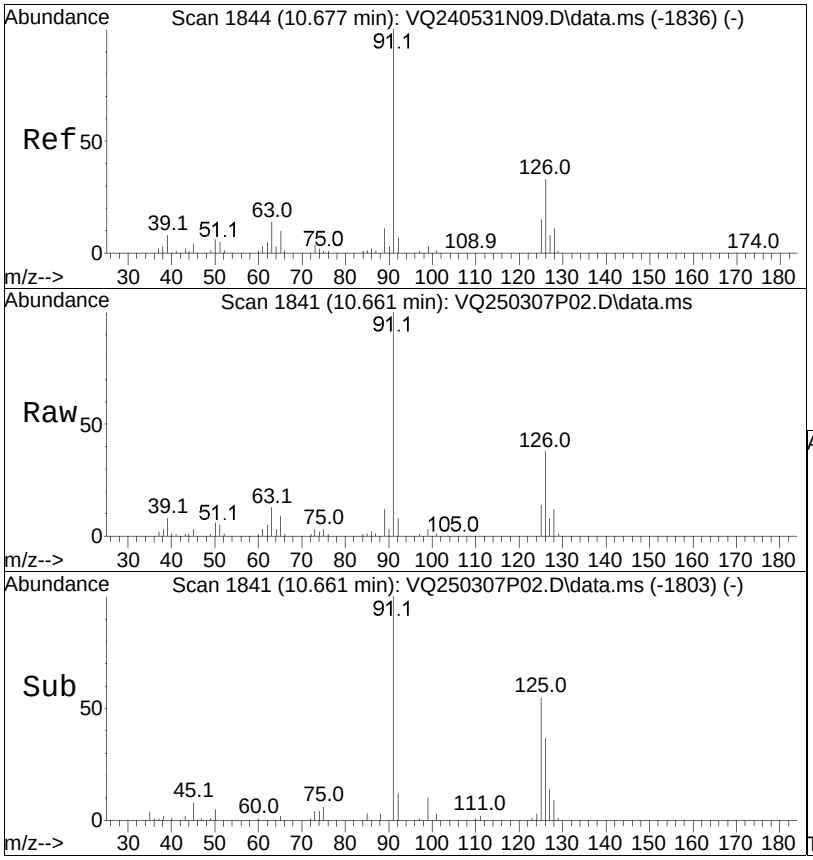


#97
trans-1,4-Dichloro-2-butene
Concen: 7.72 ug/L
RT: 10.603 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 53 Resp: 18914

Ion	Ratio	Lower	Upper
53	100		
88	45.6	44.2	66.4
75	101.3	97.1	145.7

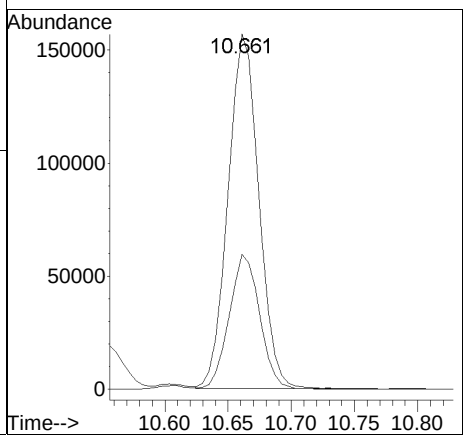


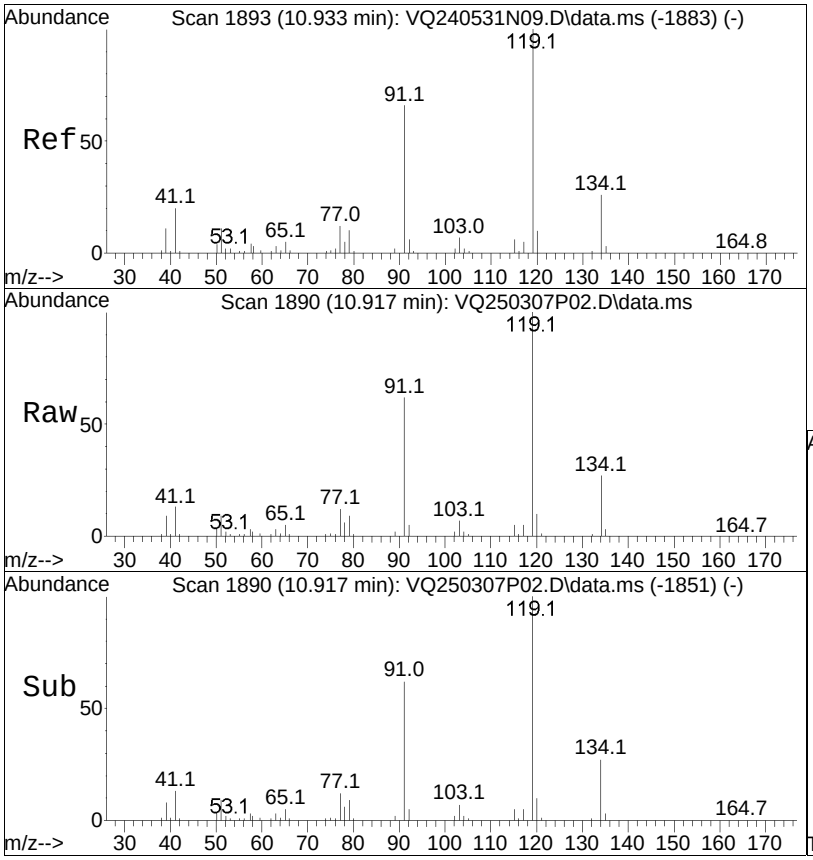


#98
4-Chlorotoluene
Concen: 7.84 ug/L
RT: 10.661 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 91 Resp: 265468

Ion	Ratio	Lower	Upper
91	100		
126	38.0	27.0	40.6

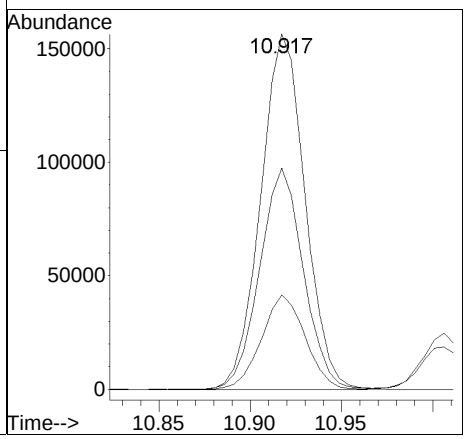


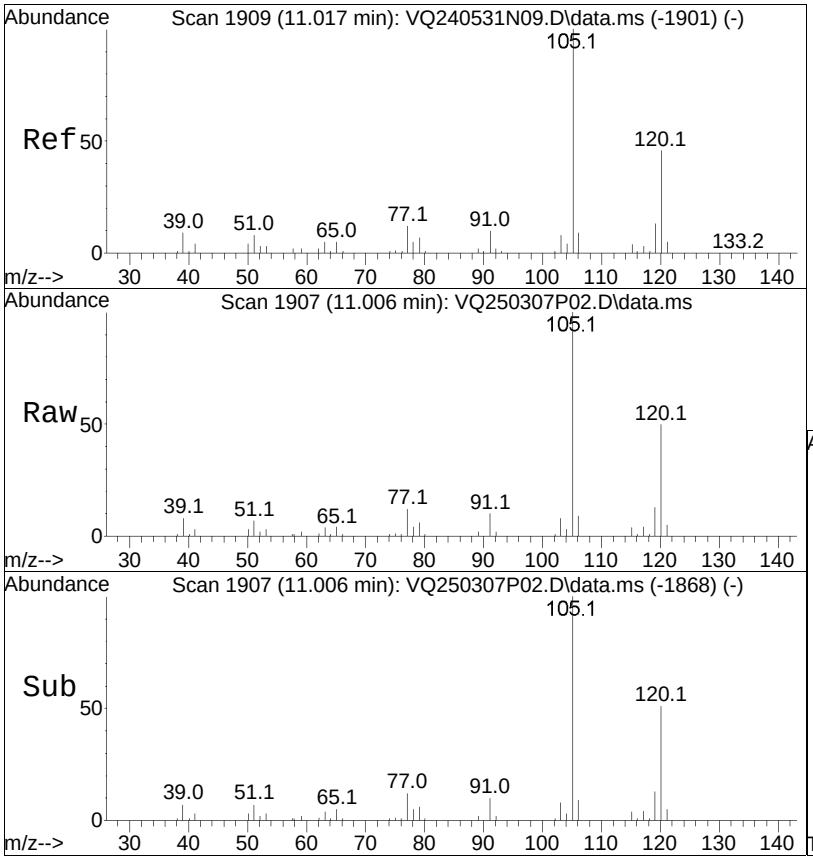


#99
tert-Butylbenzene
Concen: 7.95 ug/L
RT: 10.917 min Scan# 1890
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:119 Resp: 264166

Ion	Ratio	Lower	Upper
119	100		
91	61.7	55.8	83.8
134	26.2	20.3	30.5

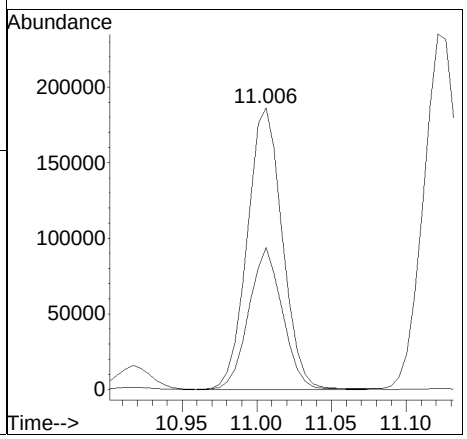


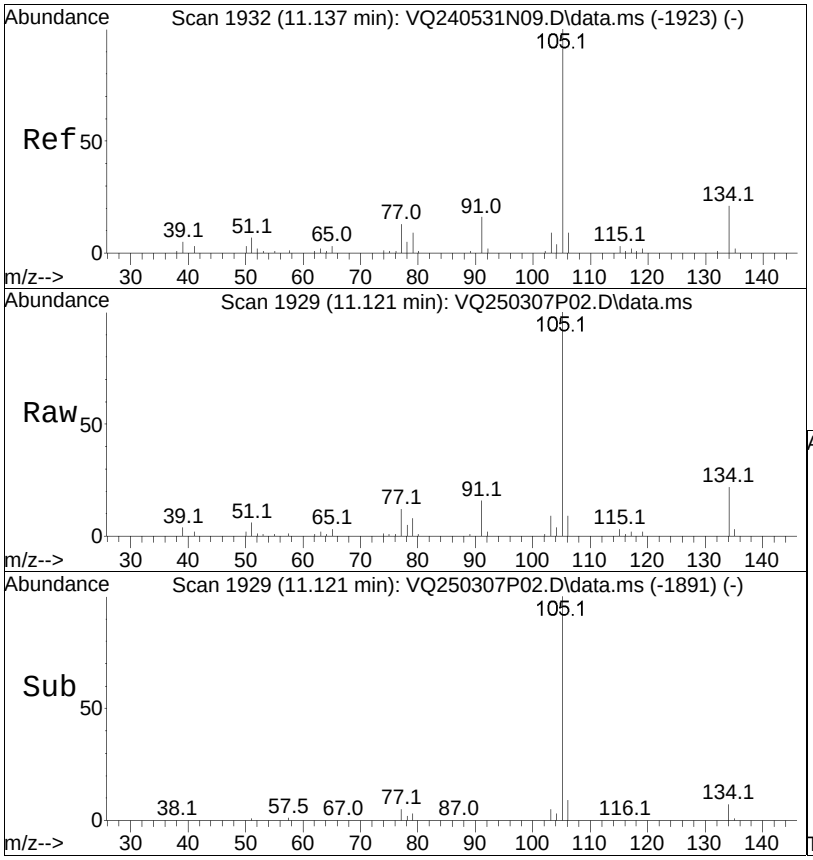


#102
1,2,4-Trimethylbenzene
Concen: 8.01 ug/L
RT: 11.006 min Scan# 1907
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:105 Resp: 303781

Ion	Ratio	Lower	Upper
105	100		
120	48.4	36.3	54.5

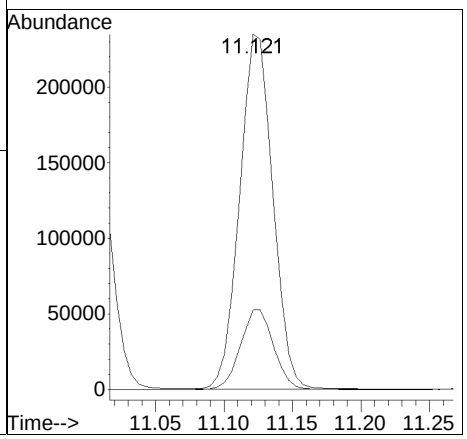


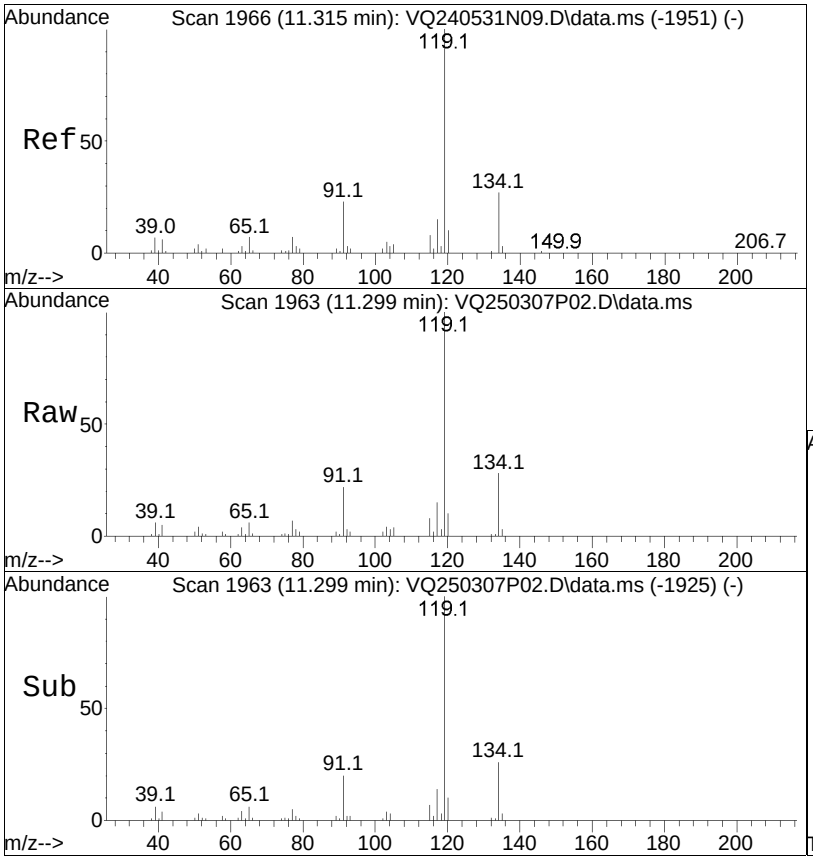


#103
sec-Butylbenzene
Concen: 8.37 ug/L
RT: 11.121 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:105 Resp: 396110

Ion	Ratio	Lower	Upper
105	100		
134	22.3	14.2	29.4

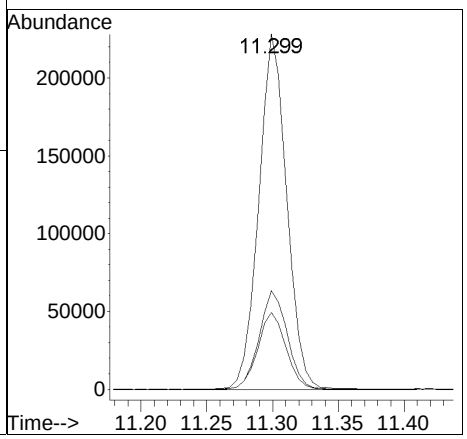


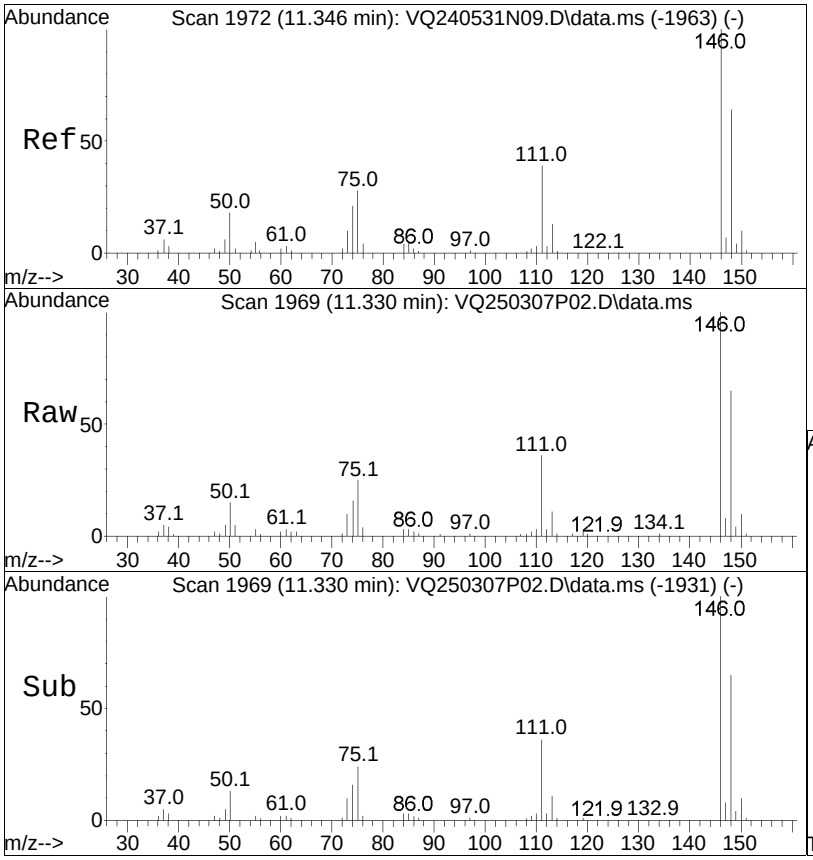


#104
p-Isopropyltoluene
Concen: 8.07 ug/L
RT: 11.299 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:119 Resp: 337127

Ion	Ratio	Lower	Upper
119	100		
134	28.0	17.6	36.5
91	22.0	16.3	33.8

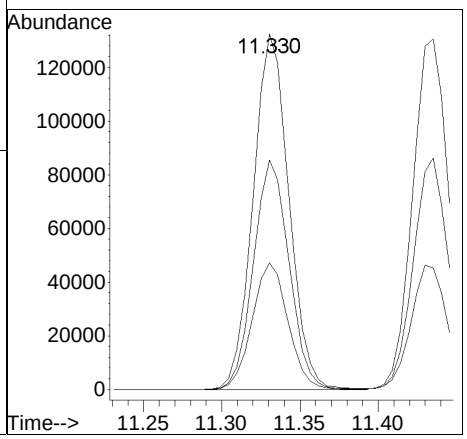


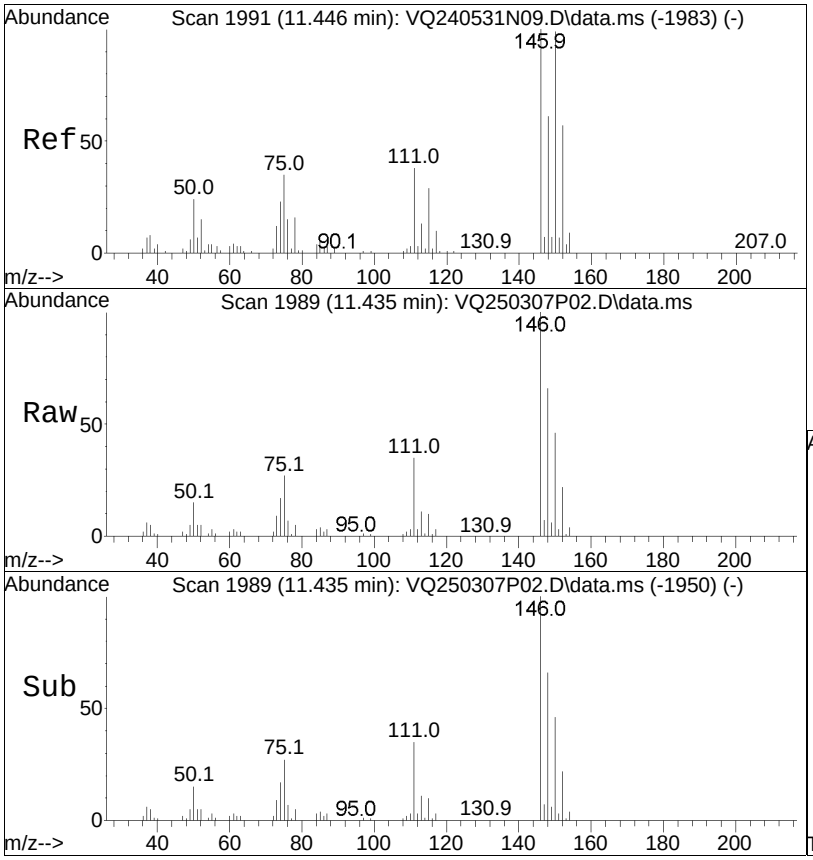


#105
1,3-Dichlorobenzene
Concen: 9.02 ug/L
RT: 11.330 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:146 Resp: 209901

Ion	Ratio	Lower	Upper
146	100		
111	35.7	27.0	56.0
148	64.4	41.2	85.6

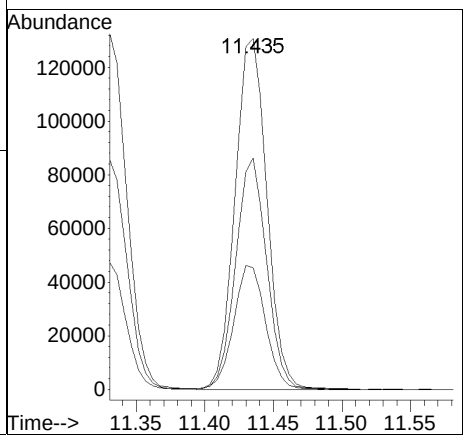


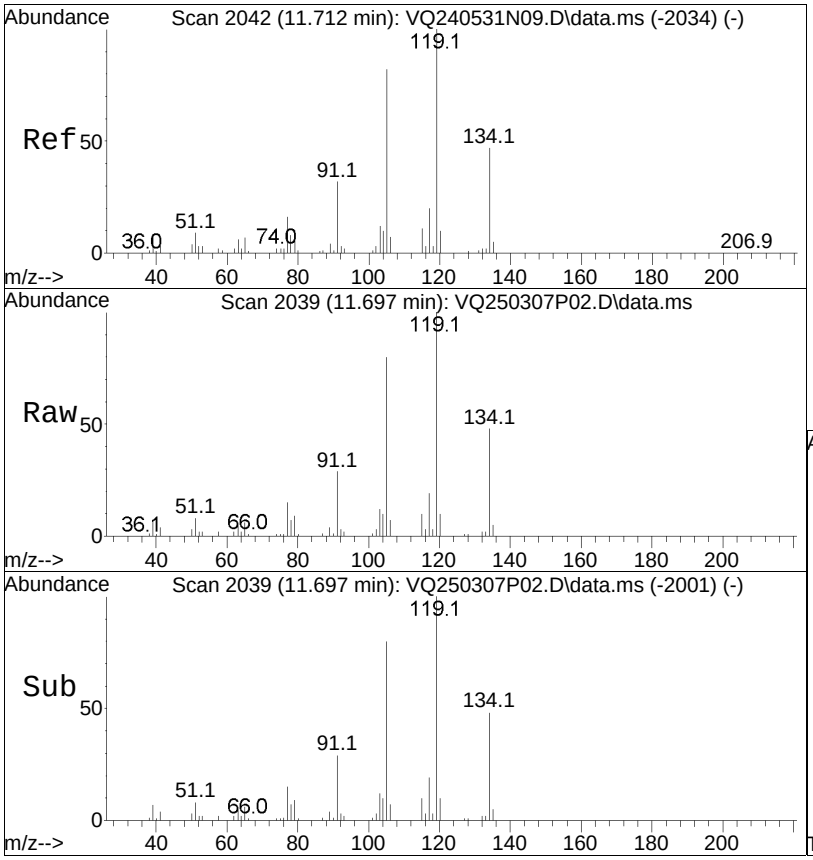


#106
1,4-Dichlorobenzene
Concen: 9.09 ug/L
RT: 11.435 min Scan# 1989
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:146 Resp: 211641

Ion	Ratio	Lower	Upper
146	100		
111	35.4	32.3	48.5
148	64.3	51.0	76.6

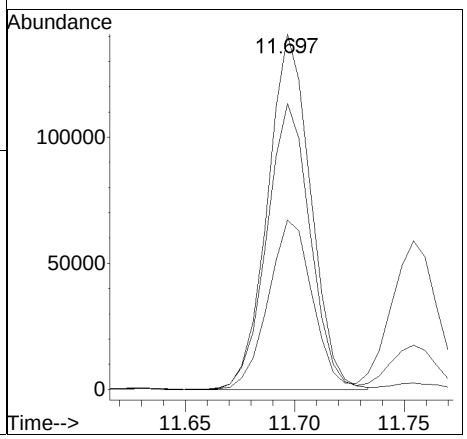


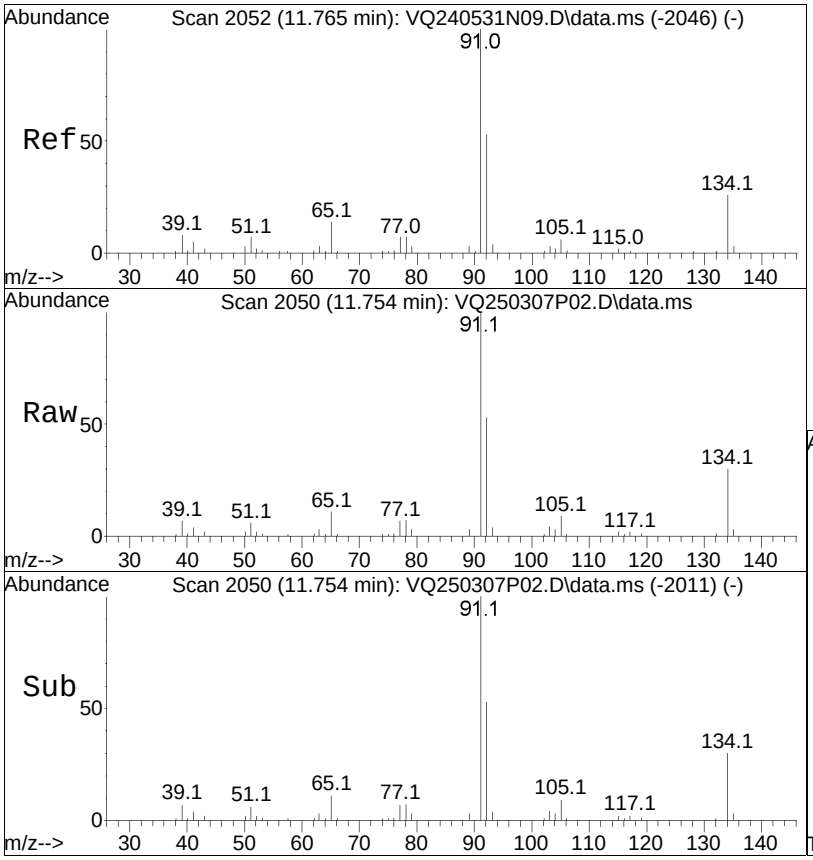


#107
p-Diethylbenzene
Concen: 7.94 ug/L
RT: 11.697 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:119 Resp: 192024

Ion	Ratio	Lower	Upper
119	100		
105	81.5	54.1	112.3
134	49.1	30.8	64.0

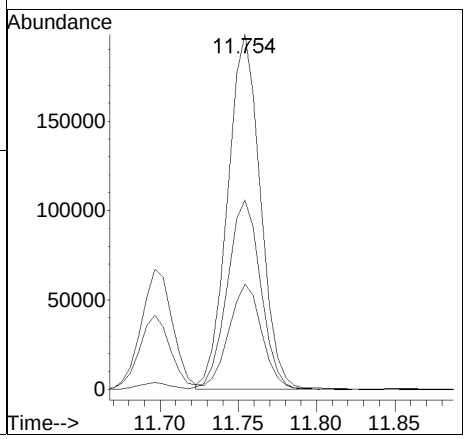


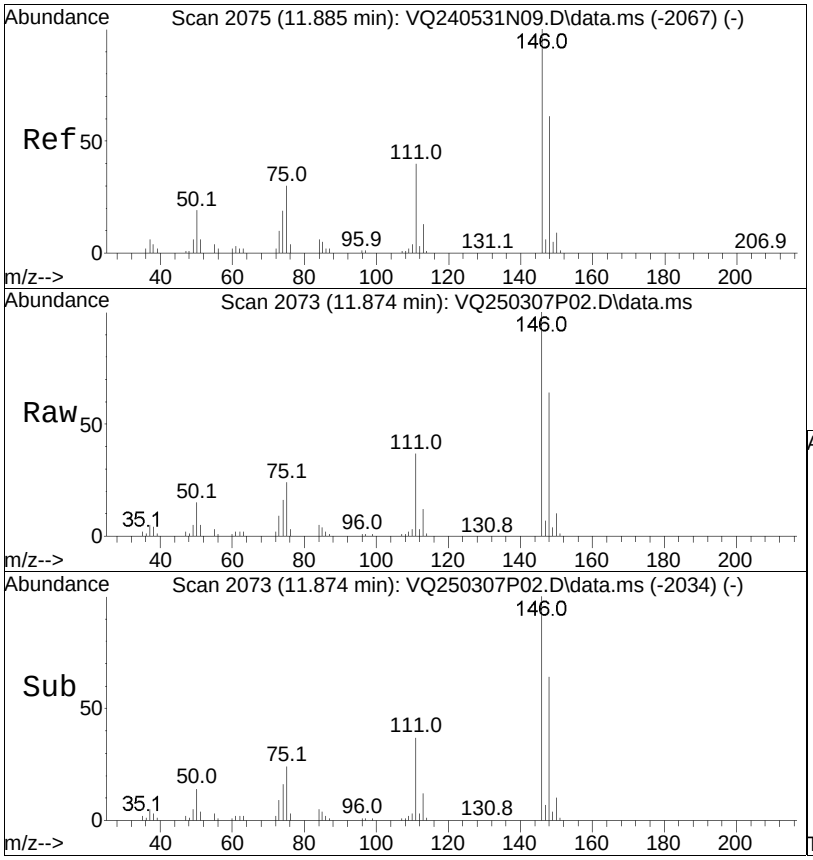


#108
n-Butylbenzene
Concen: 8.51 ug/L
RT: 11.754 min Scan# 2050
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion: 91 Resp: 288846

Ion	Ratio	Lower	Upper
91	100		
92	54.6	43.4	65.0
134	29.8	22.8	34.2

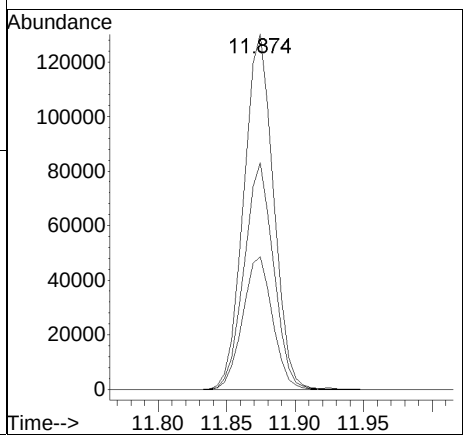


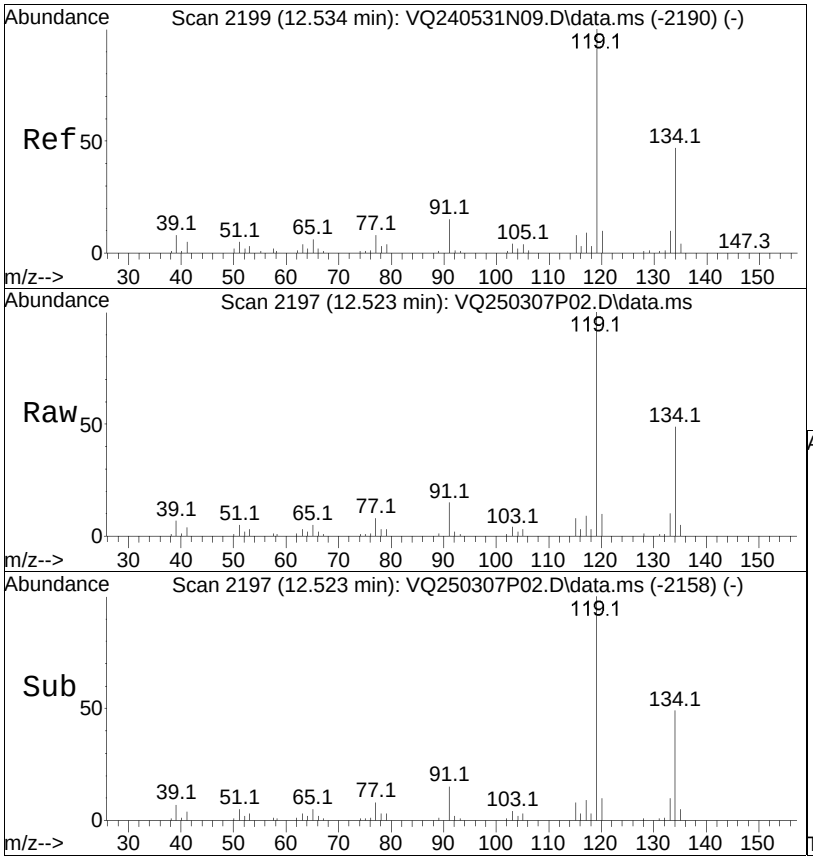


#109
1,2-Dichlorobenzene
Concen: 9.05 ug/L
RT: 11.874 min Scan# 2073
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:146 Resp: 196809

Ion	Ratio	Lower	Upper
146	100		
111	37.4	27.7	57.5
148	63.1	41.3	85.7

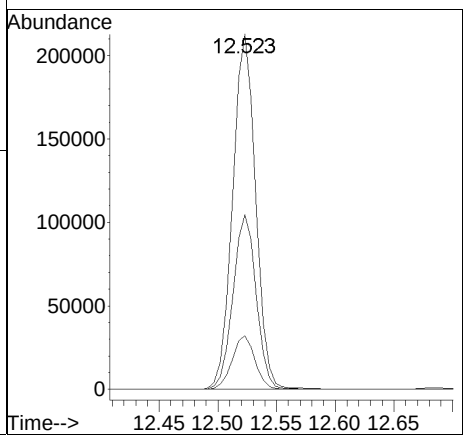


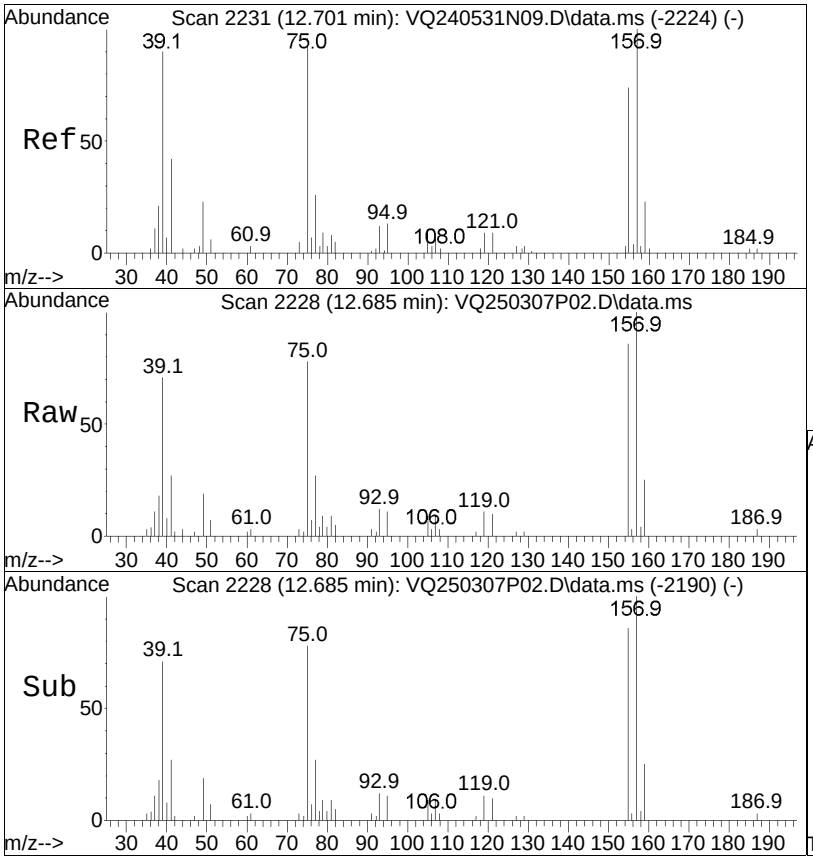


#110
1,2,4,5-Tetramethylbenzene
Concen: 7.57 ug/L
RT: 12.523 min Scan# 2197
Delta R.T. 0.005 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:119 Resp: 290048

Ion	Ratio	Lower	Upper
119	100		
134	49.6	31.9	66.1
91	15.1	11.1	23.0

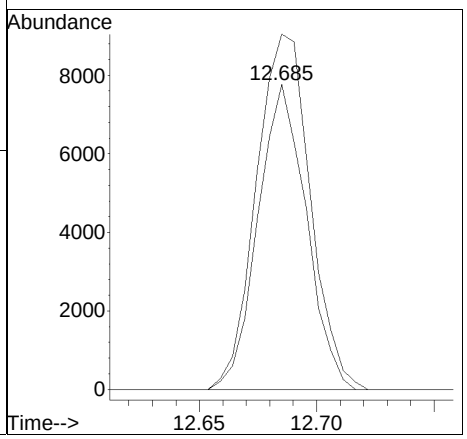


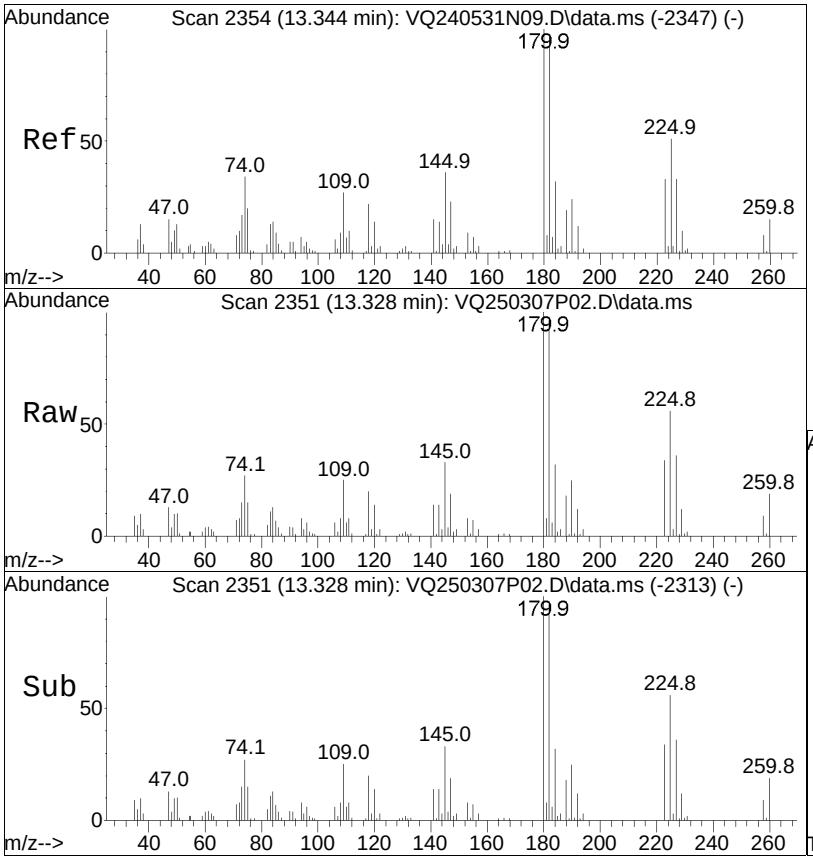


#111
1,2-Dibromo-3-chloropropane
Concen: 8.48 ug/L
RT: 12.685 min Scan# 2228
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:155 Resp: 11103

Ion	Ratio	Lower	Upper
155	100		
157	130.4	100.1	150.1

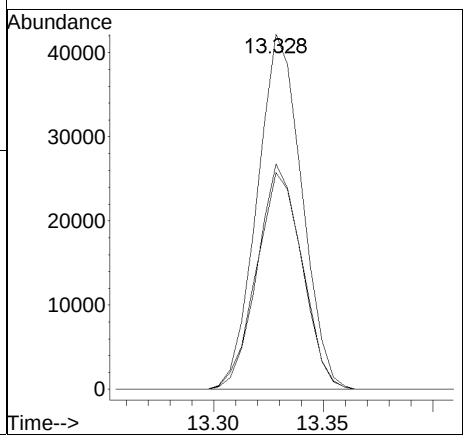


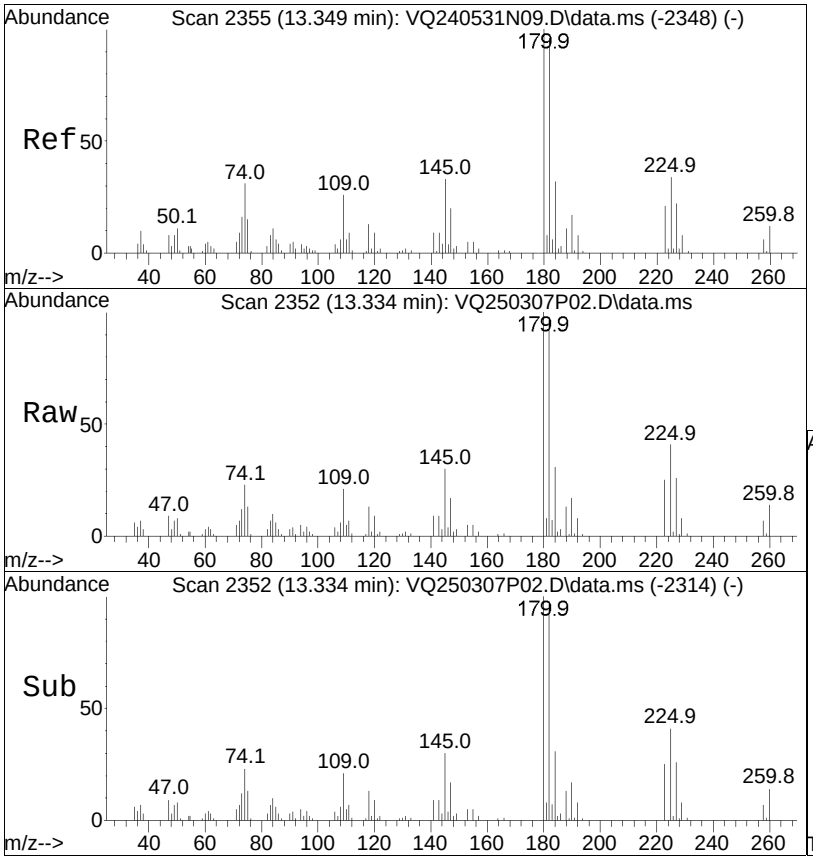


#113
Hexachlorobutadiene
Concen: 10.53 ug/L
RT: 13.328 min Scan# 2351
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:225 Resp: 60036

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	63.0	50.8	76.2

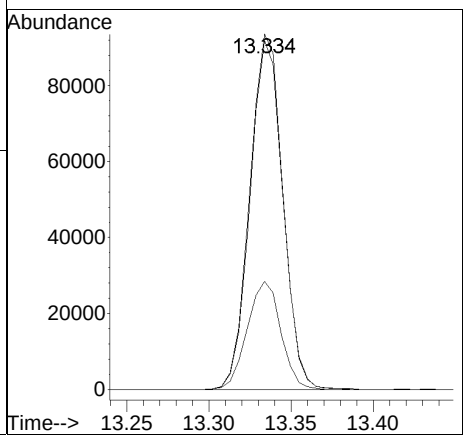


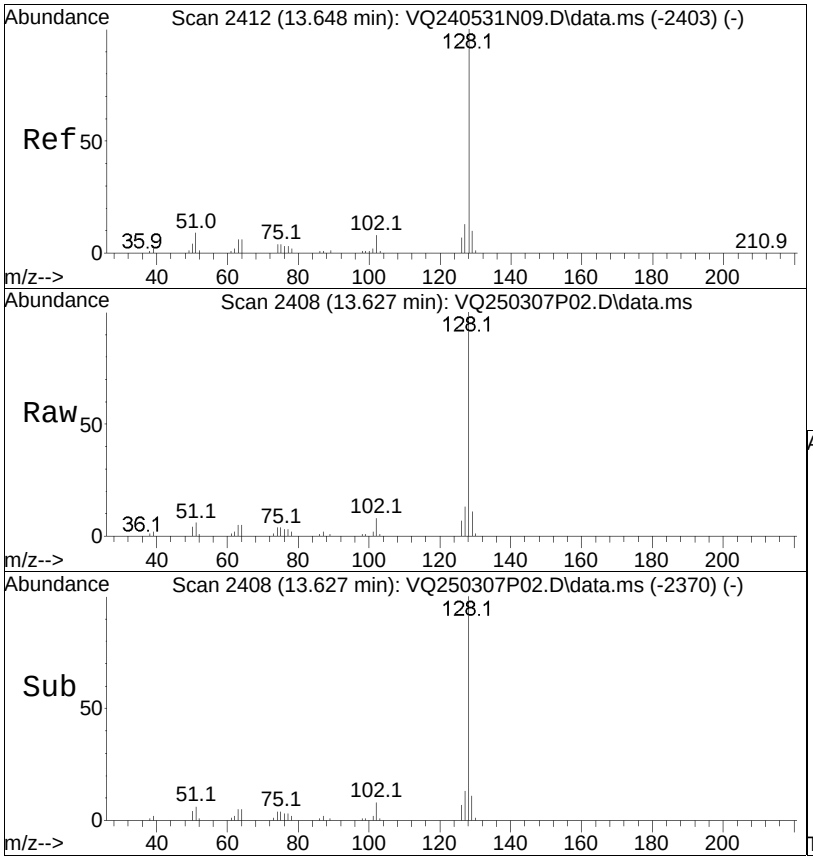


#114
1,2,4-Trichlorobenzene
Concen: 8.47 ug/L
RT: 13.334 min Scan# 2352
Delta R.T. -0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:180 Resp: 130839

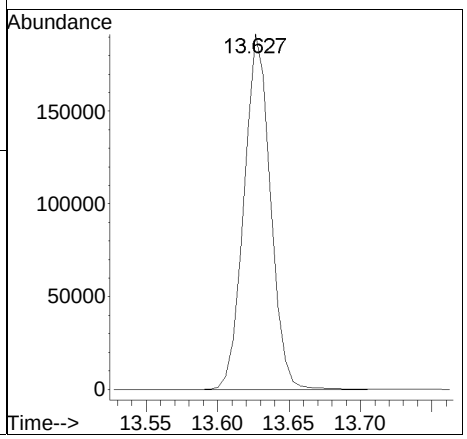
Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.0	114.0
145	30.8	28.4	42.6

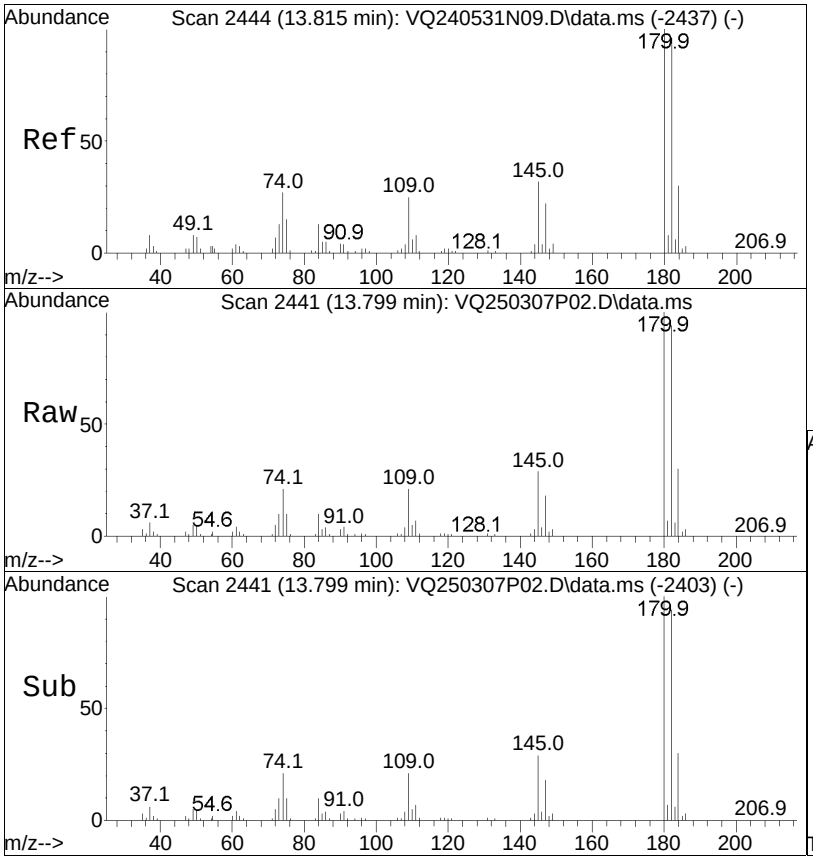




#115
Naphthalene
Concen: 8.00 ug/L
RT: 13.627 min Scan# 2408
Delta R.T. -0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:128 Resp: 246297

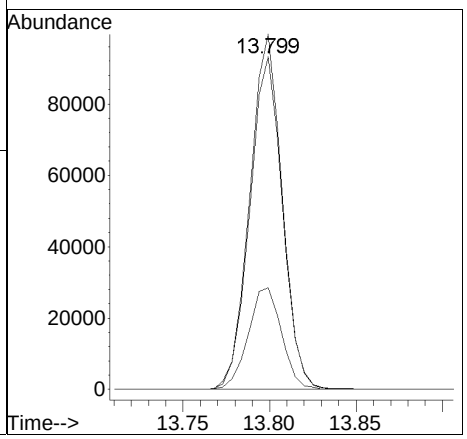




#116
1,2,3-Trichlorobenzene
Concen: 9.07 ug/L
RT: 13.799 min Scan# 2441
Delta R.T. 0.000 min
Lab File: VQ250307P02.D
Acq: 7 Mar 2025 4:59 pm

Tgt Ion:180 Resp: 129385

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.5	114.7
145	29.6	26.6	39.8

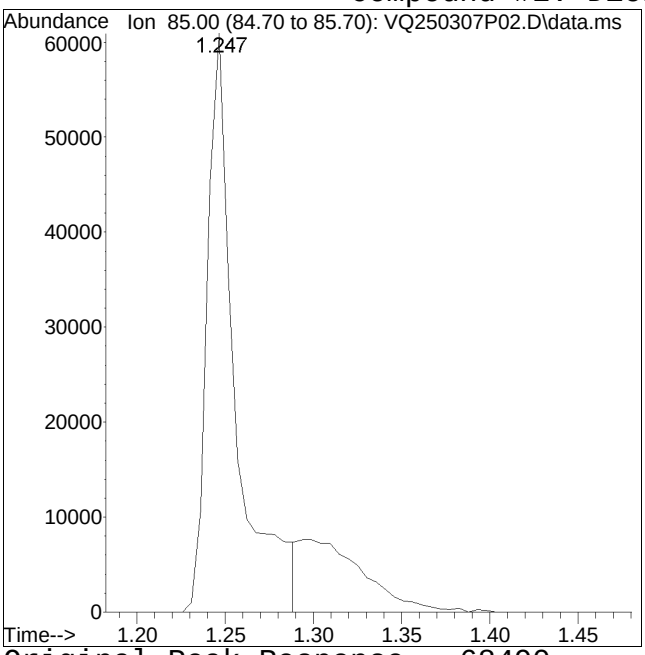


Manual Integration Report

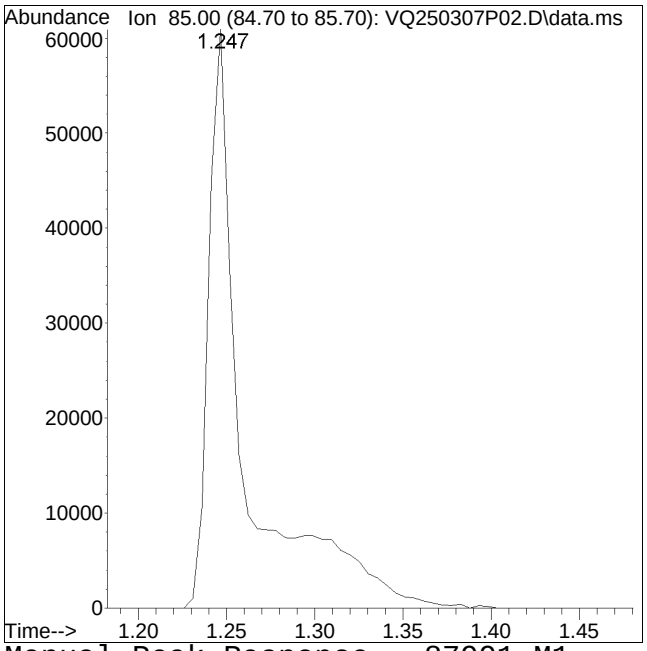
Data Path : K:\Quimby\2025\250307P\
Data File : VQ250307P02.D
Date Inj'd : 3/7/2025 4:59 pm
Sample : WG2038492-4,31,10,10

QMethod : VQ_250211_8260.m
Operator : QUIMBY:RAW
Instrument : Quimby
Quant Date : 3/7/2025 6:35 pm

Compound #2: Dichlorodifluoromethane



Original Peak Response = 68490



Manual Peak Response = 87991 M1

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

Calculation of Volatile Organic Compounds

Aqueous Concentration Formula: Amt * DF * Uf * (1/Vo)

Where:
DF = Dilution Factor
Vo = Sample Volume Purged (mL)
Uf = ng Unit Correction Factor (mL)

Soil Concentration Formula: Amt * DF * (1/Wt)

Where:
DF = Dilution Factor
Wt = Weight of Sample (g)

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Mar 11 2025, 12:45 pm

Work Group: WG2038492 for Department: 31 GC/MS - Volatiles

Created: 10-MAR-25 Due: Operator: MCM

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2511689-01	TW-3	S	NYTCL-8260	WATER	DONE	U	0318	0311	S0	Vial-B
L2511689-02	TW-1	S	NYTCL-8260	WATER	DONE	U	0318	0311	S0	Vial-B
L2511689-03	TW-6	S	NYTCL-8260	WATER	DONE	U	0318	0311	S0	Vial-B
L2511919-01	2A	S	NYTCL-8260	WATER	DONE	U	0318	0311	S0	Vial-B
L2511919-02	2B	S	NYTCL-8260	WATER	DONE	U	0318	0311	S0	Vial-B
L2511919-03	CLUSTER 2 TRIP BLANK	S	NYTCL-8260	WATER	DONE	U	0314	0311	S0	Vial-B
L2511919-04	3A	S	NYTCL-8260	WATER	DONE	U	0318	0311	S0	Vial-B
L2511919-05	3B	S	NYTCL-8260	WATER	DONE	U	0318	0311	S0	Vial-B
L2511919-06	CLUSTER 3 TRIP BLANK	S	NYTCL-8260	WATER	DONE	U	0314	0311	S0	Vial-B
L2511919-07	4A	S	NYTCL-8260	WATER	DONE	U	0318	0311	S0	Vial-B
L2511919-08	4B	S	NYTCL-8260	WATER	DONE	U	0318	0311	S0	Vial-B
L2511943-01	RI-MW-5	C	NYTCL-8260	WATER	DONE	U	0318	0311	S0	Vial-B
L2511943-02	RI-MW-2	C	NYTCL-8260	WATER	DONE	U	0318	0311	S0	Vial-B
L2511943-03	RI-MW-1	C	NYTCL-8260	WATER	DONE	U	0318	0311	S0	Vial-B
L2511943-04	TB20250304	S	NYTCL-8260	WATER	SEC	U	0318	0311	S0	Vial-B
WG2038492-1	MS BFB Tune Standard	S	NYTCL-8260	WATER	DONE	U				
WG2038492-1	MS BFB Tune Standard	S	NYTCL-8260-R2	WATER	DONE	U				
WG2038492-2	Continuing Calibrati	S	NYTCL-8260	WATER	DONE	U				
WG2038492-2	Continuing Calibrati	S	NYTCL-8260-R2	WATER	DONE	U				
WG2038492-3	Laboratory Control S	S	NYTCL-8260	WATER	DONE	U				
WG2038492-3	Laboratory Control S	S	NYTCL-8260-R2	WATER	DACQ	U				
WG2038492-4	LCS Duplicate	S	NYTCL-8260	WATER	DONE	U				
WG2038492-4	LCS Duplicate	S	NYTCL-8260-R2	WATER	DACQ	U				
WG2038492-5	Laboratory Method Bl	S	NYTCL-8260	WATER	DONE	U				
WG2038492-5	Laboratory Method Bl	S	NYTCL-8260-R2	WATER	DACQ	U				

Comments:

WG2038492-4 WG2038492-3

Inst: QUIMBY BFB: V10950 Method GC: 8260_RTX_VMS

Initials: MCM IS/SS: V10944 Autosampler: 8260

Date: 02/11/25 ICAL V109959A,109560 Concentrator: 8260

Run: A ICV: V10953,V10926,V10954,V10927,V10928.V10929 QC: _____ Seq: _____

Vial	Data File	Sample	pH<2
1	VQ250211BFB1	BFB	
1	VQ250211A01	BLK	
2	VQ250211A02	I8260STDL0.19ppb	
3	VQ250211A03	I8260STDL0.ppb	
4	VQ250211A04	I8260STDL2ppb	
5	VQ250211A05	I8260STDL10ppb	
6	VQ250211A06	I8260STDL30ppb	
7	VQ250211A07	I8260STDL80ppb	
8	VQ250211A08	I8260STDL120ppb	
9	VQ250211A09	I8260STDL200ppb	
10	VQ250211A10	BLK	
11	VQ250211A11	BLK	
12	VQ250211A12	BLK	
13	VQ250211A13	C8260STDL10ppb	
14	VQ250211A14	C8260STDL10ppb	
15	VQ250211A15	BLK	
16	VQ250211A16	METHOD BLK	
17	VQ250211A17	MDL L2	
18	VQ250211A18	MDL L2	
19	VQ250211A19	BLK	
19	VQ250206A19	BLK	

Inst: QUIMBY BFB: V10998 Method GC: 8260_RTX_VMS

Initials: RAW IS/SS: V10982 Autosampler: 8260

Date: 03/07/25 CCAL V10972C,10986 Concentrator: 8260

Run: P QC: _____ Seq: _____

Vial	Data File	Sample			pH<2
1	VQ250307NBFB1	BFB			
1	VQ250307P01	8260 CCAL			
2	VQ250307P02	8260 CCAL			
3	VQ250307P03	8260 CCAL			
4	VQ250307P04	BLK			
5	VQ250307P05	METHOD BLK			
6	VQ250307P06	I2511689-01,31,10,10,,a	NYTCL		pH<2
7	VQ250307P07	I2511689-02,31,10,10,,a	NYTCL		pH<2
8	VQ250307P08	I2511689-03,31,10,10,,a	NYTCL		pH<2
9	VQ250307P09	L2511821-01d,31,5.0,10,,A	NYTCL		pH<2
10	VQ250307P10	I2511821-02,31,10,10,,a	NYTCL		pH<2
11	VQ250307P11	I2511943-01,31,10,10,,a	NYTCL+10		pH<2
12	VQ250307P12	I2511943-02,31,10,10,,a	NYTCL+10		pH<2
13	VQ250307P13	I2511943-03,31,10,10,,a	NYTCL+10		pH<2
14	VQ250307P14	I2511943-04,31,10,10,,a	NYTCL+10	TB	pH<2
15	VQ250307P15	I2511919-01,31,10,10,,a	NYTCL		pH<2
16	VQ250307P16	I2511919-02,31,10,10,,a	NYTCL		pH<2
17	VQ250307P17	I2511919-03,31,10,10,,a	NYTCL	TB	pH<2
18	VQ250307P18	I2511919-04,31,10,10,,a	NYTCL		pH<2
19	VQ250307P19	I2511919-05,31,10,10,,a	NYTCL		pH<2
20	VQ250307P20	I2511919-06,31,10,10,,a	NYTCL	TB	pH<2
21	VQ250307P21	I2511919-07,31,10,10,,a	NYTCL		pH<2
22	VQ250307P22	I2511919-08,31,10,10,,a	NYTCL		pH<2
23	VQ250307P23	STD			
24	VQ250307P24	BLK			
25	VQ250307P25	BLK			

GC/MS 8260
Analysis

Volatiles QC Summary

Surrogate Recovery Summary
Form 2
Volatiles

Client: P. W. Grosser
Project Name: ROANOKE SAND AND GRAVEL

Lab Number: L2512368
Project Number: BSD1504
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
5A (L2512368-01)	94	98	106	96	0
5B (L2512368-02)	94	97	106	97	0
CLUSTER 5 TRIP BLANK (L2512368-03)	96	96	106	97	0
6A (L2512368-04)	96	96	104	99	0
6B (L2512368-05)	97	96	104	98	0
CLUSTER 6 TRIP BLANK (L2512368-06)	113	94	90	121	0
7A (L2512368-07)	113	94	90	120	0
7B (L2512368-08)	116	94	92	120	0
CLUSTER 7 TRIP BLANK (L2512368-09)	118	94	91	121	0
8A (L2512368-10)	97	95	102	99	0
8B (L2512368-11)	114	95	91	116	0
CLUSTER 8 TRIP BLANK (L2512368-12)	113	95	90	115	0
9A (L2512368-13)	117	95	92	121	0
9B (L2512368-14)	113	95	91	119	0
CLUSTER 9 TRIP BLANK (L2512368-15)	109	95	90	113	0
10A (L2512368-16)	116	95	96	115	0
10B (L2512368-17)	112	93	90	114	0
CLUSTER 10 TRIP BLANK (L2512368-18)	105	96	108	109	0
DUP001 (L2512368-19)	104	104	97	103	0
WG2039666-3LCS	96	98	106	93	0
WG2039666-4LCSD	94	98	105	94	0
WG2039666-5BLANK	93	97	104	98	0
8AMS	97	97	102	94	0
8AMSD	97	96	101	95	0
WG2039675-3LCS	100	102	98	102	0
WG2039675-4LCSD	99	102	98	101	0
WG2039675-5BLANK	103	103	97	101	0
WG2039694-3LCS	104	101	103	105	0

QC LIMITS

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

*** Values outside of QC limits**

FORM II NYTCL-8260

Surrogate Recovery Summary
Form 2
Volatiles

Client: P. W. Grosser
Project Name: ROANOKE SAND AND GRAVEL

Lab Number: L2512368
Project Number: BSD1504
Matrix:

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
WG2039694-4LCSD	105	94	90	112	0
WG2039694-5BLANK	106	93	88	115	0
WG2039699-3LCS	101	100	108	101	0
WG2039699-4LCSD	107	100	107	104	0
WG2039699-5BLANK	105	99	109	107	0

QC LIMITS

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

*** Values outside of QC limits**

FORM II NYTCL-8260

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2039666-3	**Analysis Date**	: 03/12/25 06:56
LCSD Sample ID	: WG2039666-4	**Analysis Date**	: 03/12/25 07:22

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	9.6	96	10	9.7	97	1	70-130	20
1,1-Dichloroethane	10	9.6	96	10	9.6	96	0	70-130	20
Chloroform	10	9.4	94	10	9.4	94	0	70-130	20
Carbon tetrachloride	10	8.3	83	10	8.4	84	1	63-132	20
1,2-Dichloropropane	10	9.4	94	10	9.5	95	1	70-130	20
Dibromochloromethane	10	9.2	92	10	9.0	90	2	63-130	20
1,1,2-Trichloroethane	10	10	100	10	10	100	0	70-130	20
Tetrachloroethene	10	9.2	92	10	9.1	91	1	70-130	20
Chlorobenzene	10	9.6	96	10	9.5	95	1	75-130	20
Trichlorofluoromethane	10	8.9	89	10	8.8	88	1	62-150	20
1,2-Dichloroethane	10	9.0	90	10	8.9	89	1	70-130	20
1,1,1-Trichloroethane	10	8.7	87	10	8.6	86	1	67-130	20
Bromodichloromethane	10	9.3	93	10	9.3	93	0	67-130	20
trans-1,3-Dichloropropene	10	9.3	93	10	9.2	92	1	70-130	20
cis-1,3-Dichloropropene	10	9.4	94	10	9.3	93	1	70-130	20
1,1-Dichloropropene	10	9.5	95	10	9.4	94	1	70-130	20
Bromoform	10	8.3	83	10	8.1	81	2	54-136	20
1,1,2,2-Tetrachloroethane	10	10	100	10	10	100	0	67-130	20
Benzene	10	10	100	10	10	100	0	70-130	20
Toluene	10	9.6	96	10	9.7	97	1	70-130	20
Ethylbenzene	10	9.7	97	10	9.8	98	1	70-130	20
Chloromethane	10	6.8	68	10	6.7	67	1	64-130	20
Bromomethane	10	5.8	58	10	6.6	66	13	39-139	20
Vinyl chloride	10	10	100	10	10	100	0	55-140	20
Chloroethane	10	12	120	10	12	120	0	55-138	20
1,1-Dichloroethene	10	11	110	10	10	100	10	61-145	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2039666-3	**Analysis Date** : 03/12/25 06:56	**File ID** : V05250312A01
LCSD Sample ID	: WG2039666-4	**Analysis Date** : 03/12/25 07:22	**File ID** : V05250312A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	10	10	100	10	10	100	0	70-130	20
Trichloroethene	10	9.7	97	10	9.6	96	1	70-130	20
1,2-Dichlorobenzene	10	9.8	98	10	9.7	97	1	70-130	20
1,3-Dichlorobenzene	10	9.8	98	10	9.7	97	1	70-130	20
1,4-Dichlorobenzene	10	9.7	97	10	9.6	96	1	70-130	20
Methyl tert butyl ether	10	10	100	10	10	100	0	63-130	20
p/m-Xylene	20	20	100	20	20	100	0	70-130	20
o-Xylene	20	20	100	20	20	100	0	70-130	20
cis-1,2-Dichloroethene	10	10	100	10	10	100	0	70-130	20
Dibromomethane	10	9.6	96	10	9.5	95	1	70-130	20
1,2,3-Trichloropropane	10	10	100	10	10	100	0	64-130	20
Acrylonitrile	10	8.6	86	10	8.7	87	1	70-130	20
Styrene	20	20	100	20	20	100	0	70-130	20
Dichlorodifluoromethane	10	7.4	74	10	7.1	71	4	36-147	20
Acetone	10	8.1	81	10	7.8	78	4	58-148	20
Carbon disulfide	10	11	110	10	11	110	0	51-130	20
2-Butanone	10	9.7	97	10	9.7	97	0	63-138	20
Vinyl acetate	10	9.7	97	10	9.7	97	0	70-130	20
4-Methyl-2-pentanone	10	8.6	86	10	8.4	84	2	59-130	20
2-Hexanone	10	8.6	86	10	8.5	85	1	57-130	20
Bromochloromethane	10	9.6	96	10	9.5	95	1	70-130	20
2,2-Dichloropropane	10	9.8	98	10	9.8	98	0	63-133	20
1,2-Dibromoethane	10	9.5	95	10	9.6	96	1	70-130	20
1,3-Dichloropropane	10	10	100	10	9.8	98	2	70-130	20
1,1,1,2-Tetrachloroethane	10	8.9	89	10	9.0	90	1	64-130	20
Bromobenzene	10	9.8	98	10	9.7	97	1	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2039666-3 **Analysis Date** : 03/12/25 06:56	**File ID**	: V05250312A01
LCSD Sample ID	: WG2039666-4 **Analysis Date** : 03/12/25 07:22	**File ID**	: V05250312A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
n-Butylbenzene	10	10	100	10	10	100	0	53-136	20
sec-Butylbenzene	10	10	100	10	9.8	98	2	70-130	20
tert-Butylbenzene	10	9.9	99	10	9.7	97	2	70-130	20
o-Chlorotoluene	10	10	100	10	10	100	0	70-130	20
p-Chlorotoluene	10	10	100	10	9.8	98	2	70-130	20
1,2-Dibromo-3-chloropropane	10	8.8	88	10	8.7	87	1	41-144	20
Hexachlorobutadiene	10	9.4	94	10	9.4	94	0	63-130	20
Isopropylbenzene	10	10	100	10	9.9	99	1	70-130	20
p-Isopropyltoluene	10	10	100	10	9.9	99	1	70-130	20
Naphthalene	10	10	100	10	10	100	0	70-130	20
n-Propylbenzene	10	10	100	10	10	100	0	69-130	20
1,2,3-Trichlorobenzene	10	10	100	10	10	100	0	70-130	20
1,2,4-Trichlorobenzene	10	9.8	98	10	9.9	99	1	70-130	20
1,3,5-Trimethylbenzene	10	9.7	97	10	9.6	96	1	64-130	20
1,2,4-Trimethylbenzene	10	9.9	99	10	9.8	98	1	70-130	20
1,4-Dioxane	500	530	106	500	470	94	12	56-162	20
p-Diethylbenzene	10	9.9	99	10	9.6	96	3	70-130	20
p-Ethyltoluene	10	10	100	10	10	100	0	70-130	20
1,2,4,5-Tetramethylbenzene	10	8.9	89	10	8.8	88	1	70-130	20
Ethyl ether	10	12	120	10	12	120	0	59-134	20
trans-1,4-Dichloro-2-butene	10	9.1	91	10	8.8	88	3	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2039675-3	**Analysis Date** : 03/12/25 07:29	**File ID** : V01250312A01
LCSD Sample ID	: WG2039675-4	**Analysis Date** : 03/12/25 07:55	**File ID** : V01250312A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	9.7	97	10	9.3	93	4	70-130	20
1,1-Dichloroethane	10	10	100	10	9.9	99	1	70-130	20
Chloroform	10	10	100	10	9.9	99	1	70-130	20
Carbon tetrachloride	10	9.8	98	10	9.6	96	2	63-132	20
1,2-Dichloropropane	10	10	100	10	9.9	99	1	70-130	20
Dibromochloromethane	10	9.6	96	10	9.4	94	2	63-130	20
1,1,2-Trichloroethane	10	10	100	10	10	100	0	70-130	20
Tetrachloroethene	10	11	110	10	10	100	10	70-130	20
Chlorobenzene	10	10	100	10	10	100	0	75-130	20
Trichlorofluoromethane	10	10	100	10	10	100	0	62-150	20
1,2-Dichloroethane	10	10	100	10	9.5	95	5	70-130	20
1,1,1-Trichloroethane	10	10	100	10	9.7	97	3	67-130	20
Bromodichloromethane	10	10	100	10	9.5	95	5	67-130	20
trans-1,3-Dichloropropene	10	9.2	92	10	9.4	94	2	70-130	20
cis-1,3-Dichloropropene	10	9.0	90	10	8.9	89	1	70-130	20
1,1-Dichloropropene	10	9.9	99	10	9.6	96	3	70-130	20
Bromoform	10	9.2	92	10	9.2	92	0	54-136	20
1,1,2,2-Tetrachloroethane	10	10	100	10	10	100	0	67-130	20
Benzene	10	10	100	10	10	100	0	70-130	20
Toluene	10	10	100	10	10	100	0	70-130	20
Ethylbenzene	10	10	100	10	10	100	0	70-130	20
Chloromethane	10	9.2	92	10	9.0	90	2	64-130	20
Bromomethane	10	13	130	10	12	120	8	39-139	20
Vinyl chloride	10	10	100	10	10	100	0	55-140	20
Chloroethane	10	12	120	10	12	120	0	55-138	20
1,1-Dichloroethene	10	9.9	99	10	9.6	96	3	61-145	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2039675-3	**Analysis Date**	: 03/12/25 07:29
LCSD Sample ID	: WG2039675-4	**Analysis Date**	: 03/12/25 07:55

	Laboratory Control Sample			Laboratory Control Duplicate						
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	10	10	100	10	9.8	98	2	70-130	20
Trichloroethene	10	10	100	10	9.8	98	2	70-130	20
1,2-Dichlorobenzene	10	10	100	10	10	100	0	70-130	20
1,3-Dichlorobenzene	10	11	110	10	10	100	10	70-130	20
1,4-Dichlorobenzene	10	10	100	10	10	100	0	70-130	20
Methyl tert butyl ether	10	9.4	94	10	9.3	93	1	63-130	20
p/m-Xylene	20	22	110	20	21	105	5	70-130	20
o-Xylene	20	21	105	20	21	105	0	70-130	20
cis-1,2-Dichloroethene	10	10	100	10	9.7	97	3	70-130	20
Dibromomethane	10	9.8	98	10	9.7	97	1	70-130	20
1,2,3-Trichloropropane	10	10	100	10	9.9	99	1	64-130	20
Acrylonitrile	10	9.6	96	10	9.6	96	0	70-130	20
Styrene	20	22	110	20	21	105	5	70-130	20
Dichlorodifluoromethane	10	9.5	95	10	9.3	93	2	36-147	20
Acetone	10	8.9	89	10	7.8	78	13	58-148	20
Carbon disulfide	10	9.9	99	10	9.6	96	3	51-130	20
2-Butanone	10	10	100	10	10	100	0	63-138	20
Vinyl acetate	10	10	100	10	9.8	98	2	70-130	20
4-Methyl-2-pentanone	10	8.6	86	10	8.8	88	2	59-130	20
2-Hexanone	10	8.6	86	10	8.8	88	2	57-130	20
Bromochloromethane	10	10	100	10	10	100	0	70-130	20
2,2-Dichloropropane	10	11	110	10	11	110	0	63-133	20
1,2-Dibromoethane	10	9.8	98	10	9.9	99	1	70-130	20
1,3-Dichloropropane	10	10	100	10	10	100	0	70-130	20
1,1,1,2-Tetrachloroethane	10	10	100	10	10	100	0	64-130	20
Bromobenzene	10	10	100	10	10	100	0	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2039675-3 **Analysis Date** : 03/12/25 07:29	**File ID**	: V01250312A01
LCSD Sample ID	: WG2039675-4 **Analysis Date** : 03/12/25 07:55	**File ID**	: V01250312A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
n-Butylbenzene	10	11	110	10	11	110	0	53-136	20
sec-Butylbenzene	10	11	110	10	10	100	10	70-130	20
tert-Butylbenzene	10	10	100	10	10	100	0	70-130	20
o-Chlorotoluene	10	11	110	10	10	100	10	70-130	20
p-Chlorotoluene	10	11	110	10	10	100	10	70-130	20
1,2-Dibromo-3-chloropropane	10	8.2	82	10	8.3	83	1	41-144	20
Hexachlorobutadiene	10	11	110	10	11	110	0	63-130	20
Isopropylbenzene	10	10	100	10	10	100	0	70-130	20
p-Isopropyltoluene	10	11	110	10	10	100	10	70-130	20
Naphthalene	10	7.7	77	10	8.4	84	9	70-130	20
n-Propylbenzene	10	11	110	10	11	110	0	69-130	20
1,2,3-Trichlorobenzene	10	8.7	87	10	9.6	96	10	70-130	20
1,2,4-Trichlorobenzene	10	9.3	93	10	9.8	98	5	70-130	20
1,3,5-Trimethylbenzene	10	10	100	10	10	100	0	64-130	20
1,2,4-Trimethylbenzene	10	11	110	10	10	100	10	70-130	20
1,4-Dioxane	500	490	98	500	500	100	2	56-162	20
p-Diethylbenzene	10	10	100	10	10	100	0	70-130	20
p-Ethyltoluene	10	11	110	10	10	100	10	70-130	20
1,2,4,5-Tetramethylbenzene	10	9.8	98	10	9.7	97	1	70-130	20
Ethyl ether	10	10	100	10	10	100	0	59-134	20
trans-1,4-Dichloro-2-butene	10	9.0	90	10	9.2	92	2	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2039694-3	**Analysis Date** : 03/12/25 08:10	**File ID** : V22250312A04
LCSD Sample ID	: WG2039694-4	**Analysis Date** : 03/12/25 08:35	**File ID** : V22250312A05

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	11	110	10	11	110	0	70-130	20
1,1-Dichloroethane	10	11	110	10	11	110	0	70-130	20
Chloroform	10	10	100	10	11	110	10	70-130	20
Carbon tetrachloride	10	10	100	10	12	120	18	63-132	20
1,2-Dichloropropane	10	10	100	10	10	100	0	70-130	20
Dibromochloromethane	10	9.3	93	10	11	110	17	63-130	20
1,1,2-Trichloroethane	10	9.2	92	10	9.1	91	1	70-130	20
Tetrachloroethene	10	9.5	95	10	11	110	15	70-130	20
Chlorobenzene	10	9.9	99	10	11	110	11	75-130	20
Trichlorofluoromethane	10	11	110	10	12	120	9	62-150	20
1,2-Dichloroethane	10	11	110	10	11	110	0	70-130	20
1,1,1-Trichloroethane	10	11	110	10	12	120	9	67-130	20
Bromodichloromethane	10	10	100	10	11	110	10	67-130	20
trans-1,3-Dichloropropene	10	8.7	87	10	8.9	89	2	70-130	20
cis-1,3-Dichloropropene	10	10	100	10	11	110	10	70-130	20
1,1-Dichloropropene	10	10	100	10	12	120	18	70-130	20
Bromoform	10	8.4	84	10	9.6	96	13	54-136	20
1,1,2,2-Tetrachloroethane	10	9.4	94	10	8.6	86	9	67-130	20
Benzene	10	10	100	10	10	100	0	70-130	20
Toluene	10	10	100	10	10	100	0	70-130	20
Ethylbenzene	10	10	100	10	10	100	0	70-130	20
Chloromethane	10	12	120	10	12	120	0	64-130	20
Bromomethane	10	10	100	10	8.6	86	15	39-139	20
Vinyl chloride	10	10	100	10	9.1	91	9	55-140	20
Chloroethane	10	8.9	89	10	6.5	65	31 Q	55-138	20
1,1-Dichloroethene	10	11	110	10	12	120	9	61-145	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2039694-3	**Analysis Date** : 03/12/25 08:10	**File ID** : V22250312A04
LCSD Sample ID	: WG2039694-4	**Analysis Date** : 03/12/25 08:35	**File ID** : V22250312A05

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	10	11	110	10	12	120	9	70-130	20
Trichloroethene	10	10	100	10	11	110	10	70-130	20
1,2-Dichlorobenzene	10	9.8	98	10	11	110	12	70-130	20
1,3-Dichlorobenzene	10	10	100	10	11	110	10	70-130	20
1,4-Dichlorobenzene	10	9.9	99	10	11	110	11	70-130	20
Methyl tert butyl ether	10	9.7	97	10	10	100	3	63-130	20
p/m-Xylene	20	20	100	20	21	105	5	70-130	20
o-Xylene	20	20	100	20	21	105	5	70-130	20
cis-1,2-Dichloroethene	10	11	110	10	11	110	0	70-130	20
Dibromomethane	10	11	110	10	11	110	0	70-130	20
1,2,3-Trichloropropane	10	9.4	94	10	8.4	84	11	64-130	20
Acrylonitrile	10	10	100	10	10	100	0	70-130	20
Styrene	20	19	95	20	20	100	5	70-130	20
Dichlorodifluoromethane	10	10	100	10	11	110	10	36-147	20
Acetone	10	10	100	10	10	100	0	58-148	20
Carbon disulfide	10	11	110	10	11	110	0	51-130	20
2-Butanone	10	12	120	10	12	120	0	63-138	20
Vinyl acetate	10	9.9	99	10	10	100	1	70-130	20
4-Methyl-2-pentanone	10	7.4	74	10	7.5	75	1	59-130	20
2-Hexanone	10	8.1	81	10	8.4	84	4	57-130	20
Bromochloromethane	10	11	110	10	13	130	17	70-130	20
2,2-Dichloropropane	10	11	110	10	12	120	9	63-133	20
1,2-Dibromoethane	10	9.5	95	10	10	100	5	70-130	20
1,3-Dichloropropane	10	9.7	97	10	9.2	92	5	70-130	20
1,1,1,2-Tetrachloroethane	10	9.4	94	10	11	110	16	64-130	20
Bromobenzene	10	11	110	10	11	110	0	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2039694-3 **Analysis Date** : 03/12/25 08:10	**File ID**	: V22250312A04
LCSD Sample ID	: WG2039694-4 **Analysis Date** : 03/12/25 08:35	**File ID**	: V22250312A05

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
n-Butylbenzene	10	10	100	10	9.6	96	4	53-136	20
sec-Butylbenzene	10	10	100	10	10	100	0	70-130	20
tert-Butylbenzene	10	10	100	10	11	110	10	70-130	20
o-Chlorotoluene	10	10	100	10	9.5	95	5	70-130	20
p-Chlorotoluene	10	9.8	98	10	9.6	96	2	70-130	20
1,2-Dibromo-3-chloropropane	10	8.7	87	10	9.9	99	13	41-144	20
Hexachlorobutadiene	10	9.6	96	10	11	110	14	63-130	20
Isopropylbenzene	10	10	100	10	10	100	0	70-130	20
p-Isopropyltoluene	10	9.8	98	10	11	110	12	70-130	20
Naphthalene	10	9.2	92	10	11	110	18	70-130	20
n-Propylbenzene	10	10	100	10	9.4	94	6	69-130	20
1,2,3-Trichlorobenzene	10	9.7	97	10	11	110	13	70-130	20
1,2,4-Trichlorobenzene	10	9.9	99	10	11	110	11	70-130	20
1,3,5-Trimethylbenzene	10	10	100	10	10	100	0	64-130	20
1,2,4-Trimethylbenzene	10	10	100	10	10	100	0	70-130	20
1,4-Dioxane	500	480	96	500	530	106	10	56-162	20
p-Diethylbenzene	10	9.8	98	10	10	100	2	70-130	20
p-Ethyltoluene	10	11	110	10	10	100	10	70-130	20
1,2,4,5-Tetramethylbenzene	10	9.4	94	10	10	100	6	70-130	20
Ethyl ether	10	10	100	10	10	100	0	59-134	20
trans-1,4-Dichloro-2-butene	10	9.5	95	10	9.0	90	5	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2039699-3	**Analysis Date** : 03/12/25 09:27	**File ID** : VE250312A01
LCSD Sample ID	: WG2039699-4	**Analysis Date** : 03/12/25 09:51	**File ID** : VE250312A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	9.9	99	10	10	100	1	70-130	20
1,1-Dichloroethane	10	10	100	10	10	100	0	70-130	20
Chloroform	10	10	100	10	10	100	0	70-130	20
Carbon tetrachloride	10	11	110	10	10	100	10	63-132	20
1,2-Dichloropropane	10	10	100	10	10	100	0	70-130	20
Dibromochloromethane	10	9.4	94	10	9.6	96	2	63-130	20
1,1,2-Trichloroethane	10	9.3	93	10	9.2	92	1	70-130	20
Tetrachloroethene	10	10	100	10	10	100	0	70-130	20
Chlorobenzene	10	9.5	95	10	9.3	93	2	75-130	20
Trichlorofluoromethane	10	7.4	74	10	7.3	73	1	62-150	20
1,2-Dichloroethane	10	9.8	98	10	10	100	2	70-130	20
1,1,1-Trichloroethane	10	9.8	98	10	10	100	2	67-130	20
Bromodichloromethane	10	9.5	95	10	9.8	98	3	67-130	20
trans-1,3-Dichloropropene	10	9.2	92	10	9.1	91	1	70-130	20
cis-1,3-Dichloropropene	10	9.6	96	10	9.6	96	0	70-130	20
1,1-Dichloropropene	10	9.8	98	10	9.6	96	2	70-130	20
Bromoform	10	8.8	88	10	9.0	90	2	54-136	20
1,1,2,2-Tetrachloroethane	10	9.2	92	10	9.3	93	1	67-130	20
Benzene	10	9.6	96	10	9.4	94	2	70-130	20
Toluene	10	9.2	92	10	9.1	91	1	70-130	20
Ethylbenzene	10	9.2	92	10	9.2	92	0	70-130	20
Chloromethane	10	8.9	89	10	8.5	85	5	64-130	20
Bromomethane	10	5.9	59	10	5.7	57	3	39-139	20
Vinyl chloride	10	8.4	84	10	8.1	81	4	55-140	20
Chloroethane	10	8.2	82	10	8.5	85	4	55-138	20
1,1-Dichloroethene	10	7.9	79	10	8.1	81	3	61-145	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2039699-3	**Analysis Date** : 03/12/25 09:27	**File ID** : VE250312A01
LCSD Sample ID	: WG2039699-4	**Analysis Date** : 03/12/25 09:51	**File ID** : VE250312A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	10	10	100	10	10	100	0	70-130	20
Trichloroethene	10	9.9	99	10	9.7	97	2	70-130	20
1,2-Dichlorobenzene	10	9.7	97	10	9.6	96	1	70-130	20
1,3-Dichlorobenzene	10	9.7	97	10	9.6	96	1	70-130	20
1,4-Dichlorobenzene	10	9.3	93	10	9.4	94	1	70-130	20
Methyl tert butyl ether	10	9.0	90	10	9.4	94	4	63-130	20
p/m-Xylene	20	18	90	20	18	90	0	70-130	20
o-Xylene	20	18	90	20	18	90	0	70-130	20
cis-1,2-Dichloroethene	10	9.9	99	10	10	100	1	70-130	20
Dibromomethane	10	9.0	90	10	9.5	95	5	70-130	20
1,2,3-Trichloropropane	10	9.0	90	10	9.1	91	1	64-130	20
Acrylonitrile	10	10	100	10	10	100	0	70-130	20
Styrene	20	17	85	20	17	85	0	70-130	20
Dichlorodifluoromethane	10	8.4	84	10	8.0	80	5	36-147	20
Acetone	10	11	110	10	10	100	10	58-148	20
Carbon disulfide	10	8.7	87	10	8.6	86	1	51-130	20
2-Butanone	10	11	110	10	12	120	9	63-138	20
Vinyl acetate	10	9.2	92	10	9.3	93	1	70-130	20
4-Methyl-2-pentanone	10	8.0	80	10	8.2	82	2	59-130	20
2-Hexanone	10	8.1	81	10	8.9	89	9	57-130	20
Bromochloromethane	10	9.9	99	10	10	100	1	70-130	20
2,2-Dichloropropane	10	9.2	92	10	9.4	94	2	63-133	20
1,2-Dibromoethane	10	9.5	95	10	9.8	98	3	70-130	20
1,3-Dichloropropane	10	9.7	97	10	9.8	98	1	70-130	20
1,1,1,2-Tetrachloroethane	10	9.7	97	10	9.6	96	1	64-130	20
Bromobenzene	10	9.7	97	10	9.8	98	1	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2039699-3 **Analysis Date** : 03/12/25 09:27	**File ID**	: VE250312A01
LCSD Sample ID	: WG2039699-4 **Analysis Date** : 03/12/25 09:51	**File ID**	: VE250312A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
n-Butylbenzene	10	8.8	88	10	8.7	87	1	53-136	20
sec-Butylbenzene	10	9.2	92	10	9.0	90	2	70-130	20
tert-Butylbenzene	10	9.6	96	10	9.4	94	2	70-130	20
o-Chlorotoluene	10	9.8	98	10	9.8	98	0	70-130	20
p-Chlorotoluene	10	9.9	99	10	9.9	99	0	70-130	20
1,2-Dibromo-3-chloropropane	10	8.3	83	10	9.5	95	13	41-144	20
Hexachlorobutadiene	10	10	100	10	10	100	0	63-130	20
Isopropylbenzene	10	9.4	94	10	9.4	94	0	70-130	20
p-Isopropyltoluene	10	9.2	92	10	9.0	90	2	70-130	20
Naphthalene	10	9.0	90	10	9.2	92	2	70-130	20
n-Propylbenzene	10	9.4	94	10	9.2	92	2	69-130	20
1,2,3-Trichlorobenzene	10	9.4	94	10	9.7	97	3	70-130	20
1,2,4-Trichlorobenzene	10	9.9	99	10	9.9	99	0	70-130	20
1,3,5-Trimethylbenzene	10	9.0	90	10	8.9	89	1	64-130	20
1,2,4-Trimethylbenzene	10	9.2	92	10	9.1	91	1	70-130	20
1,4-Dioxane	500	580	116	500	640	128	10	56-162	20
p-Diethylbenzene	10	8.9	89	10	8.8	88	1	70-130	20
p-Ethyltoluene	10	9.5	95	10	9.2	92	3	70-130	20
1,2,4,5-Tetramethylbenzene	10	9.2	92	10	9.1	91	1	70-130	20
Ethyl ether	10	8.2	82	10	8.5	85	4	59-134	20
trans-1,4-Dichloro-2-butene	10	8.2	82	10	7.8	78	5	70-130	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Client Sample ID	: 8A	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2512368-10	**Analysis Date**	: 03/12/25 17:33
Matrix Spike	: WG2039666-6	**MS Analysis Date**	: 03/12/25 17:59
Matrix Spike Dup	: WG2039666-7	**MSD Analysis Date**	: 03/12/25 18:24

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	ND	10	11	110	10	11	110	0	70-130	20
1,1-Dichloroethane	ND	10	11	110	10	11	110	0	70-130	20
Chloroform	ND	10	11	110	10	12	120	9	70-130	20
Carbon tetrachloride	ND	10	9.8	98	10	10	100	2	63-132	20
1,2-Dichloropropane	ND	10	10	100	10	11	110	10	70-130	20
Dibromochloromethane	ND	10	10	100	10	10	100	0	63-130	20
1,1,2-Trichloroethane	ND	10	11	110	10	11	110	0	70-130	20
Tetrachloroethene	ND	10	10	100	10	10	100	0	70-130	20
Chlorobenzene	ND	10	10	100	10	11	110	10	75-130	20
Trichlorofluoromethane	ND	10	11	110	10	11	110	0	62-150	20
1,2-Dichloroethane	ND	10	10	100	10	10	100	0	70-130	20
1,1,1-Trichloroethane	ND	10	10	100	10	11	110	10	67-130	20
Bromodichloromethane	ND	10	10	100	10	11	110	10	67-130	20
trans-1,3-Dichloropropene	ND	10	9.9	99	10	10	100	1	70-130	20
cis-1,3-Dichloropropene	ND	10	9.4	94	10	10	100	6	70-130	20
1,1-Dichloropropene	ND	10	10	100	10	11	110	10	70-130	20
Bromoform	ND	10	9.2	92	10	9.3	93	1	54-136	20
1,1,2,2-Tetrachloroethane	ND	10	11	110	10	11	110	0	67-130	20
Benzene	ND	10	11	110	10	12	120	9	70-130	20
Toluene	ND	10	10	100	10	11	110	10	70-130	20
Ethylbenzene	ND	10	10	100	10	10	100	0	70-130	20
Chloromethane	ND	10	9.0	90	10	9.6	96	6	64-130	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Client Sample ID	: 8A	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2512368-10	**Analysis Date**	: 03/12/25 17:33
Matrix Spike	: WG2039666-6	**MS Analysis Date**	: 03/12/25 17:59
Matrix Spike Dup	: WG2039666-7	**MSD Analysis Date**	: 03/12/25 18:24

		Matrix Spike Sample				Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R		Spike Added (ug/l)	Spike Conc. (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Bromomethane	ND	10	15	150	Q	10	15	150	Q	0	39-139	20
Vinyl chloride	ND	10	12	120		10	13	130		8	55-140	20
Chloroethane	ND	10	14	140	Q	10	15	150	Q	7	55-138	20
1,1-Dichloroethene	ND	10	12	120		10	13	130		8	61-145	20
trans-1,2-Dichloroethene	ND	10	11	110		10	12	120		9	70-130	20
Trichloroethene	ND	10	10	100		10	11	110		10	70-130	20
1,2-Dichlorobenzene	ND	10	10	100		10	10	100		0	70-130	20
1,3-Dichlorobenzene	ND	10	10	100		10	10	100		0	70-130	20
1,4-Dichlorobenzene	ND	10	9.8	98		10	10	100		2	70-130	20
Methyl tert butyl ether	ND	10	11	110		10	12	120		9	63-130	20
p/m-Xylene	ND	20	21	105		20	21	105		0	70-130	20
o-Xylene	ND	20	21	105		20	22	110		5	70-130	20
cis-1,2-Dichloroethene	ND	10	11	110		10	12	120		9	70-130	20
Dibromomethane	ND	10	11	110		10	11	110		0	70-130	20
1,2,3-Trichloropropane	ND	10	11	110		10	11	110		0	64-130	20
Acrylonitrile	ND	10	9.8	98		10	9.7	97		1	70-130	20
Styrene	ND	20	21	105		20	22	110		5	70-130	20
Dichlorodifluoromethane	ND	10	8.8	88		10	9.0	90		2	36-147	20
Acetone	ND	10	10	100		10	10	100		0	58-148	20
Carbon disulfide	ND	10	12	120		10	13	130		8	51-130	20
2-Butanone	ND	10	10	100		10	11	110		10	63-138	20
Vinyl acetate	ND	10	9.0	90		10	8.8	88		2	70-130	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Client Sample ID	: 8A	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2512368-10	**Analysis Date**	: 03/12/25 17:33
Matrix Spike	: WG2039666-6	**MS Analysis Date**	: 03/12/25 17:59
Matrix Spike Dup	: WG2039666-7	**MSD Analysis Date**	: 03/12/25 18:24

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
4-Methyl-2-pentanone	ND	10	9.4	94	10	9.3	93	1	59-130	20
2-Hexanone	ND	10	9.8	98	10	9.8	98	0	57-130	20
Bromochloromethane	ND	10	11	110	10	11	110	0	70-130	20
2,2-Dichloropropane	ND	10	9.5	95	10	10	100	5	63-133	20
1,2-Dibromoethane	ND	10	11	110	10	11	110	0	70-130	20
1,3-Dichloropropane	ND	10	11	110	10	11	110	0	70-130	20
1,1,1,2-Tetrachloroethane	ND	10	9.8	98	10	10	100	2	64-130	20
Bromobenzene	ND	10	10	100	10	11	110	10	70-130	20
n-Butylbenzene	ND	10	9.7	97	10	10	100	3	53-136	20
sec-Butylbenzene	ND	10	10	100	10	10	100	0	70-130	20
tert-Butylbenzene	ND	10	10	100	10	10	100	0	70-130	20
o-Chlorotoluene	ND	10	10	100	10	11	110	10	70-130	20
p-Chlorotoluene	ND	10	10	100	10	10	100	0	70-130	20
1,2-Dibromo-3-chloropropane	ND	10	9.6	96	10	9.7	97	1	41-144	20
Hexachlorobutadiene	ND	10	8.9	89	10	9.4	94	5	63-130	20
Isopropylbenzene	ND	10	10	100	10	11	110	10	70-130	20
p-Isopropyltoluene	ND	10	9.8	98	10	10	100	2	70-130	20
Naphthalene	ND	10	11	110	10	11	110	0	70-130	20
n-Propylbenzene	ND	10	10	100	10	10	100	0	69-130	20
1,2,3-Trichlorobenzene	ND	10	10	100	10	11	110	10	70-130	20
1,2,4-Trichlorobenzene	ND	10	9.9	99	10	10	100	1	70-130	20
1,3,5-Trimethylbenzene	ND	10	9.8	98	10	10	100	2	64-130	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Client Sample ID	: 8A	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2512368-10	**Analysis Date**	: 03/12/25 17:33
Matrix Spike	: WG2039666-6	**MS Analysis Date**	: 03/12/25 17:59
Matrix Spike Dup	: WG2039666-7	**MSD Analysis Date**	: 03/12/25 18:24

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
1,2,4-Trimethylbenzene	ND	10	9.8	98	10	10	100	2	70-130	20
1,4-Dioxane	ND	500	380	76	500	460	92	19	56-162	20
p-Diethylbenzene	ND	10	9.6	96	10	10	100	4	70-130	20
p-Ethyltoluene	ND	10	10	100	10	11	110	10	70-130	20
1,2,4,5-Tetramethylbenzene	ND	10	8.7	87	10	9.3	93	7	70-130	20
Ethyl ether	ND	10	14	140 Q	10	14	140 Q	0	59-134	20
trans-1,4-Dichloro-2-butene	ND	10	9.4	94	10	9.3	93	1	70-130	20

Method Blank Summary
Form 4
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab Sample ID	: WG2039666-5	**Lab File ID**	: V05250312A05
Instrument ID	: VOA105		
Matrix	: WATER	**Analysis Date**	: 03/12/25 08:38

Client Sample No.	Lab Sample ID	Analysis Date
WG2039666-3LCS	WG2039666-3	03/12/25 06:56
WG2039666-4LCSD	WG2039666-4	03/12/25 07:22
5A	L2512368-01	03/12/25 15:26
5B	L2512368-02	03/12/25 15:51
CLUSTER 5 TRIP BLANK	L2512368-03	03/12/25 16:17
6A	L2512368-04	03/12/25 16:42
6B	L2512368-05	03/12/25 17:08
8A	L2512368-10	03/12/25 17:33
8AMS	WG2039666-6	03/12/25 17:59
8AMSD	WG2039666-7	03/12/25 18:24

Method Blank Summary
Form 4
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab Sample ID	: WG2039675-5	**Lab File ID**	: V01250312A05
Instrument ID	: VOA101		
Matrix	: WATER	**Analysis Date**	: 03/12/25 09:15

Client Sample No.	Lab Sample ID	Analysis Date
WG2039675-3LCS	WG2039675-3	03/12/25 07:29
WG2039675-4LCSD	WG2039675-4	03/12/25 07:55
DUP001	L2512368-19	03/12/25 10:09

Method Blank Summary
Form 4
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab Sample ID	: WG2039694-5	**Lab File ID**	: V22250312A08
Instrument ID	: VOA122		
Matrix	: WATER	**Analysis Date**	: 03/12/25 09:49

Client Sample No.	Lab Sample ID	Analysis Date
WG2039694-3LCS	WG2039694-3	03/12/25 08:10
WG2039694-4LCSD	WG2039694-4	03/12/25 08:35
CLUSTER 6 TRIP BLANK	L2512368-06	03/12/25 13:56
7A	L2512368-07	03/12/25 14:20
7B	L2512368-08	03/12/25 14:45
CLUSTER 7 TRIP BLANK	L2512368-09	03/12/25 15:10
8B	L2512368-11	03/12/25 15:35
CLUSTER 8 TRIP BLANK	L2512368-12	03/12/25 16:00
9A	L2512368-13	03/12/25 16:25
9B	L2512368-14	03/12/25 16:50
CLUSTER 9 TRIP BLANK	L2512368-15	03/12/25 17:15
10A	L2512368-16	03/12/25 17:39
10B	L2512368-17	03/12/25 18:04

Method Blank Summary
Form 4
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab Sample ID	: WG2039699-5	**Lab File ID**	: VE250312A05
Instrument ID	: ELAINE		
Matrix	: WATER	**Analysis Date**	: 03/12/25 11:04

Client Sample No.	Lab Sample ID	Analysis Date
WG2039699-3LCS	WG2039699-3	03/12/25 09:27
WG2039699-4LCSD	WG2039699-4	03/12/25 09:51
CLUSTER 10 TRIP BLANK	L2512368-18	03/12/25 11:28

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

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: VOA101	**Analysis Date**	: 02/08/25 00:11
Tune Standard	: WG2028963-1	**Tune File ID**	: V01250208ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	24.3
75	30.0 - 80.0% of mass 95	50.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.5 (.8)1
174	Greater than 50.0% of mass 95	71.7
175	5.0 - 9.0% of mass 174	5.5 (7.7)1
176	Greater than 95.0% but less than 101% of mass	69.7 (97.3)1
177	5.0 - 9.0% of mass 176	4.7 (6.8)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.19PPB	R1929699-1	V01250208A03	02/08/25 01:30
STD0.5PPB	R1929699-2	V01250208A05	02/08/25 02:22
STD2PPB	R1929699-3	V01250208A07	02/08/25 03:14
STD10PPB	R1929699-4	V01250208A09	02/08/25 04:07
STD30PPB	R1929699-5	V01250208A10	02/08/25 04:33
STD80PPB	R1929699-6	V01250208A11	02/08/25 04:59
STD120PPB	R1929699-7	V01250208A12	02/08/25 05:25
STD200PPB	R1929699-8	V01250208A13	02/08/25 05:51
CORRELATION DATA SUMMARY	R1929699-9	V01250208A18	02/08/25 08:02
ICV QUANT REPORT	R1929699-9	V01250208A18	02/08/25 08:02

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

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: VOA101	**Analysis Date**	: 03/12/25 07:14
Tune Standard	: WG2039675-1	**Tune File ID**	: V01250312ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	24.6
75	30.0 - 80.0% of mass 95	49.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.6 (.8)1
174	Greater than 50.0% of mass 95	78
175	5.0 - 9.0% of mass 174	5.8 (7.5)1
176	Greater than 95.0% but less than 101% of mass	74.2 (95.2)1
177	5.0 - 9.0% of mass 176	4.9 (6.6)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2039675-2CCAL	WG2039675-2	V01250312A01	03/12/25 07:29
WG2039675-3LCS	WG2039675-3	V01250312A01	03/12/25 07:29
WG2039675-4LCSD	WG2039675-4	V01250312A02	03/12/25 07:55
WG2039675-5BLANK	WG2039675-5	V01250312A05	03/12/25 09:15
DUP001	L2512368-19	V01250312A07	03/12/25 10:09

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

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: VOA122	**Analysis Date**	: 02/14/25 11:32
Tune Standard	: WG2030850-1	**Tune File ID**	: V22250214BBF2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	19.9
75	30.0 - 80.0% of mass 95	46.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.6 (.8)1
174	Greater than 50.0% of mass 95	82.7
175	5.0 - 9.0% of mass 174	6.7 (8.1)1
176	Greater than 95.0% but less than 101% of mass	80.1 (96.8)1
177	5.0 - 9.0% of mass 176	5.5 (6.9)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.19PPB	R1931462-1	V22250214B03	02/14/25 12:39
STD0.5PPB	R1931462-3	V22250214B04	02/14/25 13:03
STD2.0PPB	R1931462-2	V22250214B06	02/14/25 13:52
STD10PPB	R1931462-5	V22250214B08	02/14/25 14:40
STD30PPB	R1931462-4	V22250214B09	02/14/25 15:05
STD80PPB	R1931462-6	V22250214B10	02/14/25 15:30
STD120PPB	R1931462-7	V22250214B11	02/14/25 15:55
STD200PPB	R1931462-8	V22250214B12	02/14/25 16:19
Correlation Data Summary	R1931462-9	V22250214B17	02/14/25 18:21
ICV Quant Report	R1931462-9	V22250214B17	02/14/25 18:21

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

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: VOA122	**Analysis Date**	: 03/12/25 06:44
Tune Standard	: WG2039694-1	**Tune File ID**	: V22250312ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.5
75	30.0 - 80.0% of mass 95	47.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	1.3 (1.3)1
174	Greater than 50.0% of mass 95	97.8
175	5.0 - 9.0% of mass 174	7.5 (7.7)1
176	Greater than 95.0% but less than 101% of mass	94.8 (97)1
177	5.0 - 9.0% of mass 176	6.1 (6.5)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2039694-2CCAL	WG2039694-2	V22250312A04	03/12/25 08:10
WG2039694-3LCS	WG2039694-3	V22250312A04	03/12/25 08:10
WG2039694-4LCSD	WG2039694-4	V22250312A05	03/12/25 08:35
WG2039694-5BLANK	WG2039694-5	V22250312A08	03/12/25 09:49
CLUSTER 6 TRIP BLANK	L2512368-06	V22250312A18	03/12/25 13:56
7A	L2512368-07	V22250312A19	03/12/25 14:20
7B	L2512368-08	V22250312A20	03/12/25 14:45
CLUSTER 7 TRIP BLANK	L2512368-09	V22250312A21	03/12/25 15:10
8B	L2512368-11	V22250312A22	03/12/25 15:35
CLUSTER 8 TRIP BLANK	L2512368-12	V22250312A23	03/12/25 16:00
9A	L2512368-13	V22250312A24	03/12/25 16:25
9B	L2512368-14	V22250312A25	03/12/25 16:50
CLUSTER 9 TRIP BLANK	L2512368-15	V22250312A26	03/12/25 17:15
10A	L2512368-16	V22250312A27	03/12/25 17:39
10B	L2512368-17	V22250312A28	03/12/25 18:04

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

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: VOA105	**Analysis Date**	: 02/20/25 22:13
Tune Standard	: WG2032723-1	**Tune File ID**	: V05250220NBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	23.4
75	30.0 - 80.0% of mass 95	49.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.5 (.6)1
174	Greater than 50.0% of mass 95	84.6
175	5.0 - 9.0% of mass 174	6.1 (7.2)1
176	Greater than 95.0% but less than 101% of mass	81.6 (96.4)1
177	5.0 - 9.0% of mass 176	5.2 (6.4)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.19PPB	R1933227-1	V05250220N04	02/21/25 00:05
STD0.5PPB	R1933227-3	V05250220N05	02/21/25 00:30
STD2PPB	R1933227-2	V05250220N07	02/21/25 01:21
STD10PPB	R1933227-4	V05250220N09	02/21/25 02:12
STD30PPB	R1933227-5	V05250220N10	02/21/25 02:38
STD80PPB	R1933227-6	V05250220N11	02/21/25 03:03
STD120PPB	R1933227-7	V05250220N12	02/21/25 03:29
STD200PPB	R1933227-9	V05250220N13	02/21/25 03:54
Correlation Data Summary	R1933227-8	V05250220N18	02/21/25 06:02
ICV Quant Report	R1933227-8	V05250220N18	02/21/25 06:02

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

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: VOA105	**Analysis Date**	: 03/12/25 06:42
Tune Standard	: WG2039666-1	**Tune File ID**	: V05250312ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	22.3
75	30.0 - 80.0% of mass 95	48.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0% of mass 95	82.3
175	5.0 - 9.0% of mass 174	6.4 (7.7)1
176	Greater than 95.0% but less than 101% of mass	80 (97.3)1
177	5.0 - 9.0% of mass 176	5.3 (6.6)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2039666-2CCAL	WG2039666-2	V05250312A01	03/12/25 06:56
WG2039666-3LCS	WG2039666-3	V05250312A01	03/12/25 06:56
WG2039666-4LCSD	WG2039666-4	V05250312A02	03/12/25 07:22
WG2039666-5BLANK	WG2039666-5	V05250312A05	03/12/25 08:38
5A	L2512368-01	V05250312A21	03/12/25 15:26
5B	L2512368-02	V05250312A22	03/12/25 15:51
CLUSTER 5 TRIP BLANK	L2512368-03	V05250312A23	03/12/25 16:17
6A	L2512368-04	V05250312A24	03/12/25 16:42
6B	L2512368-05	V05250312A25	03/12/25 17:08
8A	L2512368-10	V05250312A26	03/12/25 17:33
WG2039666-6MS	WG2039666-6	V05250312A27	03/12/25 17:59
WG2039666-7MSD	WG2039666-7	V05250312A28	03/12/25 18:24

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

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: ELAINE	**Analysis Date**	: 02/20/25 22:12
Tune Standard	: WG2033412-1	**Tune File ID**	: VE250220NBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	22.2
75	30.0 - 80.0% of mass 95	54.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	0.8 (1)1
174	Greater than 50.0% of mass 95	83.3
175	5.0 - 9.0% of mass 174	5.9 (7.1)1
176	Greater than 95.0% but less than 101% of mass	81.3 (97.6)1
177	5.0 - 9.0% of mass 176	5.4 (6.6)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.19PPB	R1933810-1	VE250220N04	02/20/25 23:45
STD0.5PPB	R1933810-2	VE250220N06	02/21/25 00:33
STD2PPB	R1933810-3	VE250220N08	02/21/25 01:22
STD10PPB	R1933810-4	VE250220N10	02/21/25 02:10
STD30PPB	R1933810-5	VE250220N11	02/21/25 02:34
STD80PPB	R1933810-6	VE250220N12	02/21/25 02:58
STD120PPB	R1933810-7	VE250220N13	02/21/25 03:22
STD200PPB	R1933810-8	VE250220N14	02/21/25 03:46
Correlation Data Summary	R1933810-9	VE250220N19	02/21/25 05:47
ICV Quant Report	R1933810-9	VE250220N19	02/21/25 05:47

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

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: ELAINE	**Analysis Date**	: 03/12/25 09:13
Tune Standard	: WG2039699-1	**Tune File ID**	: VE250312ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	20.2
75	30.0 - 80.0% of mass 95	51.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.8 (1)1
174	Greater than 50.0% of mass 95	81
175	5.0 - 9.0% of mass 174	5.4 (6.7)1
176	Greater than 95.0% but less than 101% of mass	78.1 (96.4)1
177	5.0 - 9.0% of mass 176	5.9 (7.5)2

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

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2039699-2CCAL	WG2039699-2	VE250312A01	03/12/25 09:27
WG2039699-3LCS	WG2039699-3	VE250312A01	03/12/25 09:27
WG2039699-4LCSD	WG2039699-4	VE250312A02	03/12/25 09:51
WG2039699-5BLANK	WG2039699-5	VE250312A05	03/12/25 11:04
CLUSTER 10 TRIP BLANK	L2512368-18	VE250312A06	03/12/25 11:28

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: VOA105	**Analysis Date**	: 03/12/25 06:56:00
Sample No	: WG2039666-2	**Lab File ID**	: V05250312A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2039666-2	345765	5.59	264279	9.08	147134	11.87
Upper Limit	691530	6.09	528558	9.58	294268	12.37
Lower Limit	172883	5.09	132140	8.58	73567	11.37
Sample ID						
WG2039666-3 LCS	345765	5.59	264279	9.08	147134	11.87
WG2039666-4 LCSD	337687	5.60	258629	9.08	145051	11.87
WG2039666-5 BLANK	303140	5.60	233255	9.08	128658	11.87
5A	346751	5.59	258315	9.08	140960	11.87
5B	331216	5.59	251587	9.08	137677	11.87
CLUSTER 5 TRIP BLANK	318910	5.59	242010	9.08	131749	11.87
6A	304670	5.59	233695	9.08	127876	11.87
6B	299250	5.59	227987	9.08	123816	11.87
8A	285620	5.59	218958	9.08	120332	11.87
8A MS	300158	5.59	226941	9.08	130346	11.87
8A MSD	302129	5.59	231172	9.08	132342	11.87

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

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

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: VOA101	**Analysis Date**	: 03/12/25 07:29:00
Sample No	: WG2039675-2	**Lab File ID**	: V01250312A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2039675-2	569723	5.90	412059	9.41	220763	12.14
Upper Limit	1139446	6.40	824118	9.91	441526	12.64
Lower Limit	284862	5.40	206030	8.91	110382	11.64
Sample ID						
WG2039675-3 LCS	569723	5.90	412059	9.41	220763	12.14
WG2039675-4 LCSD	582891	5.90	417352	9.42	225289	12.14
WG2039675-5 BLANK	577757	5.90	405262	9.41	198219	12.15
DUP001	542632	5.90	371342	9.42	186194	12.14

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

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

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: VOA122	**Analysis Date**	: 03/12/25 08:10:00
Sample No	: WG2039694-2	**Lab File ID**	: V22250312A04

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2039694-2	274042	5.88	225349	9.41	119383	12.15
Upper Limit	548084	6.38	450698	9.91	238766	12.65
Lower Limit	137021	5.38	112675	8.91	59692	11.65
Sample ID						
WG2039694-3 LCS	274042	5.88	225349	9.41	119383	12.15
WG2039694-4 LCSD	279703	5.88	244532	9.41	136042	12.15
WG2039694-5 BLANK	263319	5.88	234886	9.41	124430	12.15
CLUSTER 6 TRIP BLANK	252679	5.88	235265	9.41	122694	12.15
7A	258614	5.88	230437	9.41	121840	12.15
7B	253690	5.88	232035	9.41	120097	12.15
CLUSTER 7 TRIP BLANK	251257	5.88	231136	9.41	119415	12.15
8B	259069	5.88	228698	9.41	118177	12.15
CLUSTER 8 TRIP BLANK	254208	5.88	223770	9.41	118339	12.15
9A	247898	5.88	224652	9.41	116842	12.15
9B	253205	5.88	223183	9.41	116073	12.15
CLUSTER 9 TRIP BLANK	255097	5.88	219581	9.41	114738	12.15
10A	245885	5.88	212662	9.41	106061	12.15
10B	243422	5.88	216191	9.41	113717	12.15

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

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

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Instrument ID	: ELAINE	**Analysis Date**	: 03/12/25 09:27:00
Sample No	: WG2039699-2	**Lab File ID**	: VE250312A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2039699-2	297682	5.77	223126	9.28	121415	12.03
Upper Limit	595364	6.27	446252	9.78	242830	12.53
Lower Limit	148841	5.27	111563	8.78	60708	11.53
Sample ID						
WG2039699-3 LCS	297682	5.77	223126	9.28	121415	12.03
WG2039699-4 LCSD	293639	5.77	220579	9.28	122323	12.03
WG2039699-5 BLANK	274730	5.77	205795	9.28	112538	12.03
CLUSTER 10 TRIP BLANK	270609	5.77	206001	9.28	109419	12.03

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

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

* Values outside of QC limits

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

Volatile Organics - EPA 8260D (WATER)

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

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

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Volatile Organics - EPA 8260D (WATER)

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

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

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

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

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

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Date Created: 03/15/23
Created By: Jason Hebert
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VOCs - EPA 8260D/5035 High & Low (SOIL)

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

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

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-01	**Date Collected**	: 03/05/25 11:20
Client ID	: 5A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 15:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: RAW
Lab File ID	: V05250312A21	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-01	**Date Collected**	: 03/05/25 11:20
Client ID	: 5A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 15:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: RAW
Lab File ID	: V05250312A21	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-01	**Date Collected**	: 03/05/25 11:20
Client ID	: 5A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 15:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: RAW
Lab File ID	: V05250312A21	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-01	**Date Collected**	: 03/05/25 11:20
Client ID	: 5A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 15:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: RAW
Lab File ID	: V05250312A21	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-02	**Date Collected**	: 03/05/25 11:25
Client ID	: 5B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 15:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: RAW
Lab File ID	: V05250312A22	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-02	**Date Collected**	: 03/05/25 11:25
Client ID	: 5B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 15:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: RAW
Lab File ID	: V05250312A22	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-02	Date Collected	: 03/05/25 11:25
Client ID	: 5B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/12/25 15:51
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V05250312A22	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-02	**Date Collected**	: 03/05/25 11:25
Client ID	: 5B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 15:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: RAW
Lab File ID	: V05250312A22	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-03	**Date Collected**	: 03/05/25 00:00
Client ID	: CLUSTER 5 TRIP BLANK	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 16:17
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V05250312A23	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-03	Date Collected	: 03/05/25 00:00
Client ID	: CLUSTER 5 TRIP BLANK	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/12/25 16:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V05250312A23	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-03	Date Collected	: 03/05/25 00:00
Client ID	: CLUSTER 5 TRIP BLANK	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/12/25 16:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V05250312A23	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-03	**Date Collected**	: 03/05/25 00:00
Client ID	: CLUSTER 5 TRIP BLANK	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 16:17
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V05250312A23	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-04	**Date Collected**	: 03/05/25 09:25
Client ID	: 6A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 16:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V05250312A24	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-04	**Date Collected**	: 03/05/25 09:25
Client ID	: 6A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 16:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V05250312A24	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-04	**Date Collected**	: 03/05/25 09:25
Client ID	: 6A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 16:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V05250312A24	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-04	**Date Collected**	: 03/05/25 09:25
Client ID	: 6A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 16:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V05250312A24	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-05	**Date Collected**	: 03/05/25 09:27
Client ID	: 6B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 17:08
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V05250312A25	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-05	**Date Collected**	: 03/05/25 09:27
Client ID	: 6B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 17:08
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V05250312A25	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-05	**Date Collected**	: 03/05/25 09:27
Client ID	: 6B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 17:08
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V05250312A25	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-05	**Date Collected**	: 03/05/25 09:27
Client ID	: 6B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 17:08
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V05250312A25	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-06	**Date Collected**	: 03/05/25 00:00
Client ID	: CLUSTER 6 TRIP BLANK	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 13:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A18	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-06	**Date Collected**	: 03/05/25 00:00
Client ID	: CLUSTER 6 TRIP BLANK	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 13:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A18	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-06	Date Collected	: 03/05/25 00:00
Client ID	: CLUSTER 6 TRIP BLANK	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/12/25 13:56
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V22250312A18	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-06	**Date Collected**	: 03/05/25 00:00
Client ID	: CLUSTER 6 TRIP BLANK	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 13:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A18	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-07	**Date Collected**	: 03/05/25 08:15
Client ID	: 7A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 14:20
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A19	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-07	**Date Collected**	: 03/05/25 08:15
Client ID	: 7A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 14:20
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A19	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-07	Date Collected	: 03/05/25 08:15
Client ID	: 7A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/12/25 14:20
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V22250312A19	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-07	**Date Collected**	: 03/05/25 08:15
Client ID	: 7A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 14:20
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A19	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-08	**Date Collected**	: 03/05/25 08:13
Client ID	: 7B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 14:45
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A20	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-08	Date Collected	: 03/05/25 08:13
Client ID	: 7B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/12/25 14:45
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V22250312A20	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-08	Date Collected	: 03/05/25 08:13
Client ID	: 7B	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/12/25 14:45
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V22250312A20	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-08	**Date Collected**	: 03/05/25 08:13
Client ID	: 7B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 14:45
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A20	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-09	**Date Collected**	: 03/05/25 00:00
Client ID	: CLUSTER 7 TRIP BLANK	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 15:10
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A21	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-09	Date Collected	: 03/05/25 00:00
Client ID	: CLUSTER 7 TRIP BLANK	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/12/25 15:10
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V22250312A21	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-09	Date Collected	: 03/05/25 00:00
Client ID	: CLUSTER 7 TRIP BLANK	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/12/25 15:10
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V22250312A21	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-09	**Date Collected**	: 03/05/25 00:00
Client ID	: CLUSTER 7 TRIP BLANK	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 15:10
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A21	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-10	**Date Collected**	: 03/05/25 16:20
Client ID	: 8A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 17:33
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V05250312A26	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-10	Date Collected	: 03/05/25 16:20
Client ID	: 8A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/12/25 17:33
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V05250312A26	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-10	**Date Collected**	: 03/05/25 16:20
Client ID	: 8A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 17:33
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V05250312A26	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-10	**Date Collected**	: 03/05/25 16:20
Client ID	: 8A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 17:33
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V05250312A26	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-11	**Date Collected**	: 03/05/25 16:45
Client ID	: 8B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 15:35
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A22	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-11	**Date Collected**	: 03/05/25 16:45
Client ID	: 8B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 15:35
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A22	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-11	**Date Collected**	: 03/05/25 16:45
Client ID	: 8B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 15:35
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A22	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-11	**Date Collected**	: 03/05/25 16:45
Client ID	: 8B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 15:35
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A22	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-12	**Date Collected**	: 03/05/25 00:00
Client ID	: CLUSTER 8 TRIP BLANK	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 16:00
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A23	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-12	Date Collected	: 03/05/25 00:00
Client ID	: CLUSTER 8 TRIP BLANK	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/12/25 16:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V22250312A23	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-12	Date Collected	: 03/05/25 00:00
Client ID	: CLUSTER 8 TRIP BLANK	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/12/25 16:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V22250312A23	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-12	**Date Collected**	: 03/05/25 00:00
Client ID	: CLUSTER 8 TRIP BLANK	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 16:00
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A23	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-13	**Date Collected**	: 03/05/25 14:10
Client ID	: 9A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 16:25
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A24	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-13	**Date Collected**	: 03/05/25 14:10
Client ID	: 9A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 16:25
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A24	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-13	Date Collected	: 03/05/25 14:10
Client ID	: 9A	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/12/25 16:25
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V22250312A24	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-13	**Date Collected**	: 03/05/25 14:10
Client ID	: 9A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 16:25
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A24	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-14	**Date Collected**	: 03/05/25 15:15
Client ID	: 9B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 16:50
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A25	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-14	**Date Collected**	: 03/05/25 15:15
Client ID	: 9B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 16:50
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A25	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-14	**Date Collected**	: 03/05/25 15:15
Client ID	: 9B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 16:50
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A25	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-14	**Date Collected**	: 03/05/25 15:15
Client ID	: 9B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 16:50
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A25	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-15	**Date Collected**	: 03/05/25 00:00
Client ID	: CLUSTER 9 TRIP BLANK	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 17:15
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A26	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-15	**Date Collected**	: 03/05/25 00:00
Client ID	: CLUSTER 9 TRIP BLANK	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 17:15
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A26	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	1.6	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-15	Date Collected	: 03/05/25 00:00
Client ID	: CLUSTER 9 TRIP BLANK	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/12/25 17:15
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V22250312A26	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-15	**Date Collected**	: 03/05/25 00:00
Client ID	: CLUSTER 9 TRIP BLANK	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 17:15
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A26	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-16	**Date Collected**	: 03/05/25 12:45
Client ID	: 10A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 17:39
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A27	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-16	**Date Collected**	: 03/05/25 12:45
Client ID	: 10A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 17:39
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A27	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-16	**Date Collected**	: 03/05/25 12:45
Client ID	: 10A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 17:39
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A27	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-16	**Date Collected**	: 03/05/25 12:45
Client ID	: 10A	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 17:39
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A27	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-17	**Date Collected**	: 03/05/25 12:55
Client ID	: 10B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 18:04
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A28	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-17	**Date Collected**	: 03/05/25 12:55
Client ID	: 10B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 18:04
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A28	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-17	**Date Collected**	: 03/05/25 12:55
Client ID	: 10B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 18:04
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A28	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-17	**Date Collected**	: 03/05/25 12:55
Client ID	: 10B	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 18:04
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V22250312A28	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-18	**Date Collected**	: 03/05/25 00:00
Client ID	: CLUSTER 10 TRIP BLANK	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 11:28
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: VE250312A06	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: L2512368-18	Date Collected	: 03/05/25 00:00
Client ID	: CLUSTER 10 TRIP BLANK	Date Received	: 03/05/25
Sample Location	: MIDDLE ISLAND	Date Analyzed	: 03/12/25 11:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: VE250312A06	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-18	**Date Collected**	: 03/05/25 00:00
Client ID	: CLUSTER 10 TRIP BLANK	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 11:28
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: VE250312A06	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-18	**Date Collected**	: 03/05/25 00:00
Client ID	: CLUSTER 10 TRIP BLANK	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 11:28
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: VE250312A06	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-19	**Date Collected**	: 03/05/25 00:00
Client ID	: DUP001	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 10:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: V01250312A07	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-19	**Date Collected**	: 03/05/25 00:00
Client ID	: DUP001	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 10:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: V01250312A07	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-19	**Date Collected**	: 03/05/25 00:00
Client ID	: DUP001	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 10:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: V01250312A07	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: L2512368-19	**Date Collected**	: 03/05/25 00:00
Client ID	: DUP001	**Date Received**	: 03/05/25
Sample Location	: MIDDLE ISLAND	**Date Analyzed**	: 03/12/25 10:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: V01250312A07	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: WG2039666-5	**Date Collected**	: NA
Client ID	: WG2039666-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/12/25 08:38
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: V05250312A05	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: WG2039666-5	**Date Collected**	: NA
Client ID	: WG2039666-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/12/25 08:38
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: V05250312A05	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: WG2039666-5	Date Collected	: NA
Client ID	: WG2039666-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/12/25 08:38
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V05250312A05	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: WG2039666-5	**Date Collected**	: NA
Client ID	: WG2039666-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/12/25 08:38
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: V05250312A05	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: WG2039675-5	**Date Collected**	: NA
Client ID	: WG2039675-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/12/25 09:15
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: V01250312A05	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: WG2039675-5	**Date Collected**	: NA
Client ID	: WG2039675-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/12/25 09:15
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: V01250312A05	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: WG2039675-5	Date Collected	: NA
Client ID	: WG2039675-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/12/25 09:15
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V01250312A05	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: WG2039675-5	**Date Collected**	: NA
Client ID	: WG2039675-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/12/25 09:15
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: V01250312A05	**Instrument ID**	: VOA101
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: WG2039694-5	**Date Collected**	: NA
Client ID	: WG2039694-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/12/25 09:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: V22250312A08	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: WG2039694-5	**Date Collected**	: NA
Client ID	: WG2039694-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/12/25 09:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: V22250312A08	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: WG2039694-5	Date Collected	: NA
Client ID	: WG2039694-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/12/25 09:49
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V22250312A08	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: WG2039694-5	**Date Collected**	: NA
Client ID	: WG2039694-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/12/25 09:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: V22250312A08	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: WG2039699-5	Date Collected	: NA
Client ID	: WG2039699-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/12/25 11:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: VE250312A05	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: WG2039699-5	**Date Collected**	: NA
Client ID	: WG2039699-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/12/25 11:04
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: VE250312A05	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	Lab Number	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	Project Number	: BSD1504
Lab ID	: WG2039699-5	Date Collected	: NA
Client ID	: WG2039699-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/12/25 11:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: VE250312A05	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

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

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: P. W. Grosser	**Lab Number**	: L2512368
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504
Lab ID	: WG2039699-5	**Date Collected**	: NA
Client ID	: WG2039699-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/12/25 11:04
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: VE250312A05	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A21.D
Acq On : 12 Mar 2025 3:26 pm
Operator : VOA105:RAW
Sample : l2512368-01,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 13 08:16:59 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.591	96	346751	10.000 ug/L	0.00
Standard Area 1 = 345765			Recovery = 100.29%		
59) Chlorobenzene-d5	9.076	117	258315	10.000 ug/L	0.00
Standard Area 1 = 264279			Recovery = 97.74%		
79) 1,4-Dichlorobenzene-d4	11.868	152	140960	10.000 ug/L	0.00
Standard Area 1 = 147134			Recovery = 95.80%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.814	113	93472	9.613 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.13%		
43) 1,2-Dichloroethane-d4	5.323	65	105815	9.439 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.39%		
60) Toluene-d8	7.256	98	328517	9.768 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.68%		
83) 4-Bromofluorobenzene	10.616	95	119444	10.599 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.99%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.341	85	321	N.D.	
3) Chloromethane	1.595	50	439	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.973	94	339	0.084 ug/L #	33
6) Chloroethane	2.076	64	205	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.680	76	73	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	3.263	43	417	Below Cal #	41
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A21.D
Acq On : 12 Mar 2025 3:26 pm
Operator : VOA105:RAW
Sample : l2512368-01,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 13 08:16:59 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	4.972	43	1784M6	0.619	ug/L	
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	5.732	95	67	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	0.000		0	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.083	91	242	N.D.		
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	10.616	91	151	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
88) 4-Ethyltoluene	0.000		0	N.D.		
89) 2-Chlorotoluene	0.000		0	N.D.		
90) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
91) 1,2,3-Trichloropropane	0.000		0	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
93) 4-Chlorotoluene	0.000		0	N.D.		
94) tert-Butylbenzene	0.000		0	N.D.		

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A21.D
Acq On : 12 Mar 2025 3:26 pm
Operator : VOA105:RAW
Sample : l2512368-01,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 13 08:16:59 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

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

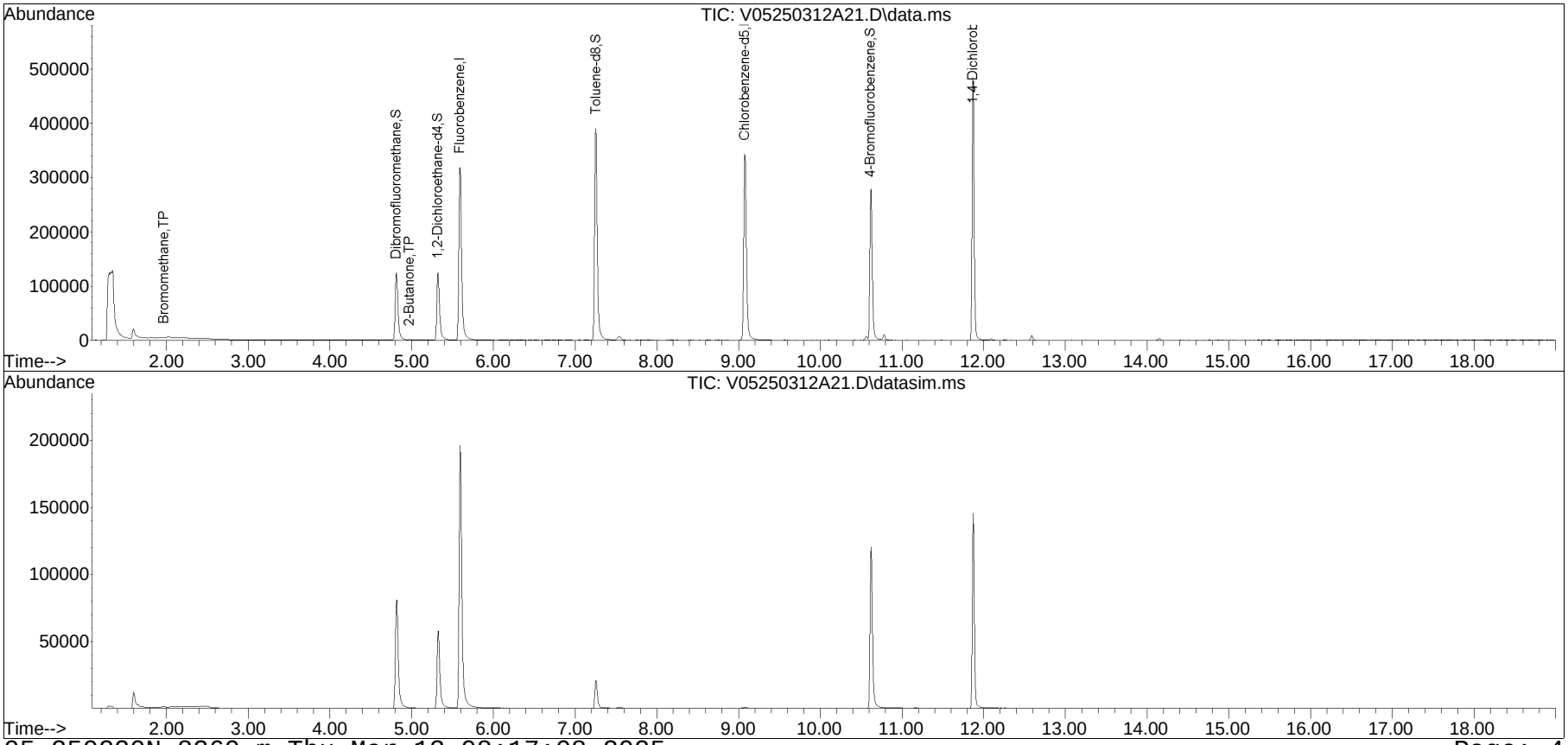
(#) = qualifier out of range (m) = manual integration (+) = signals summed

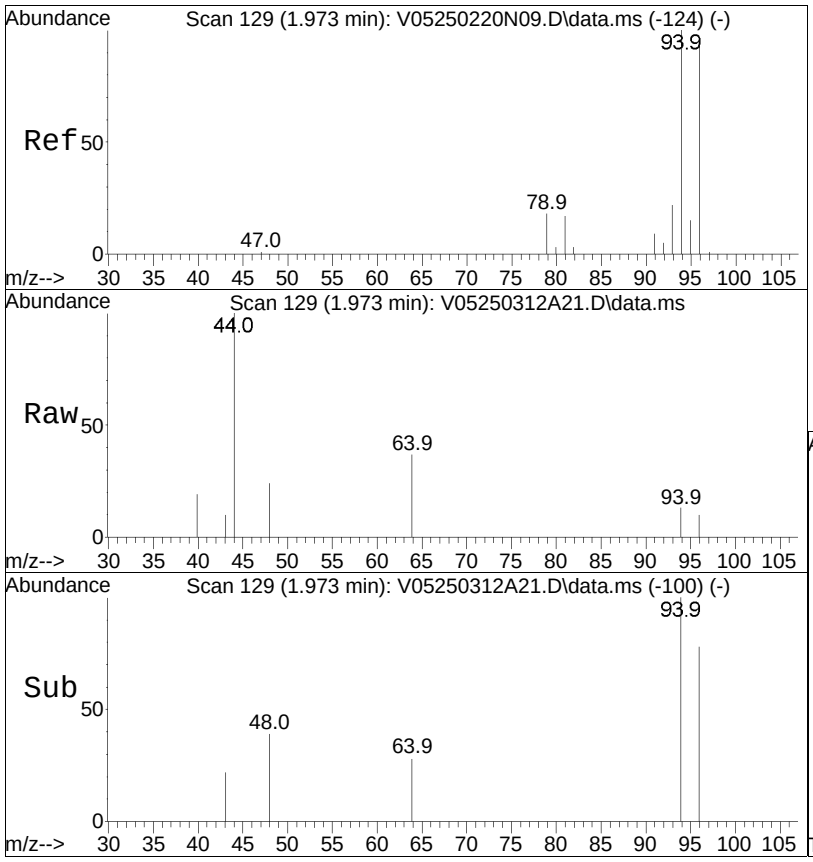
Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A21.D
Acq On : 12 Mar 2025 3:26 pm
Operator : VOA105:RAW
Sample : l2512368-01,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 13 08:16:59 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250312A01.D•

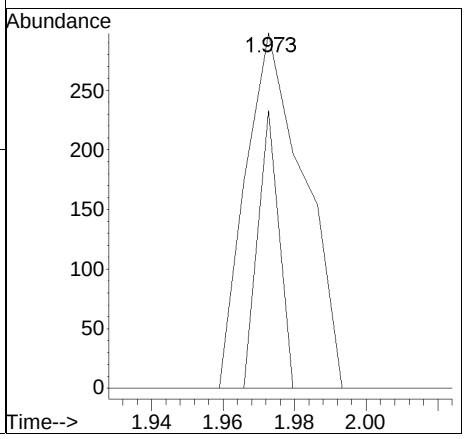


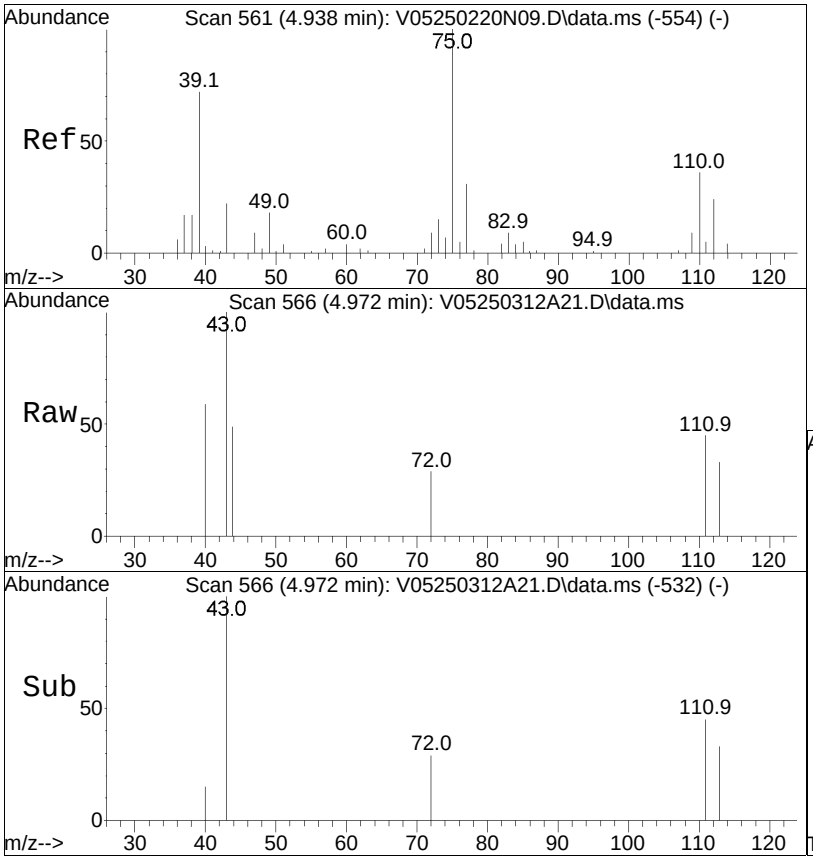


#5
Bromomethane
Concen: 0.08 ug/L
RT: 1.973 min Scan# 129
Delta R.T. -0.000 min
Lab File: V05250312A21.D
Acq: 12 Mar 2025 3:26 pm

Tgt Ion: 94 Resp: 339

Ion	Ratio	Lower	Upper
94	100		
96	28.3	72.9	112.9#

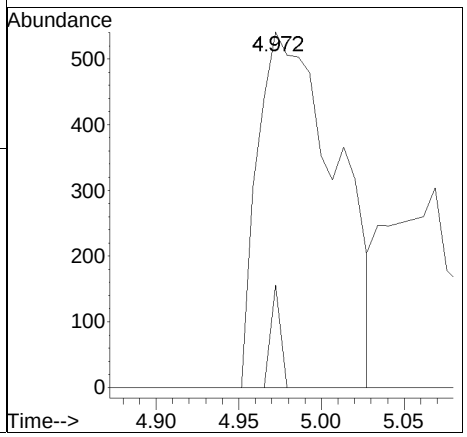




#39
2-Butanone
Concen: 0.62 ug/L M6
RT: 4.972 min Scan# 566
Delta R.T. 0.034 min
Lab File: V05250312A21.D
Acq: 12 Mar 2025 3:26 pm

Tgt Ion: 43 Resp: 1784

Ion	Ratio	Lower	Upper
43	100		
72	3.6	23.8	35.8#

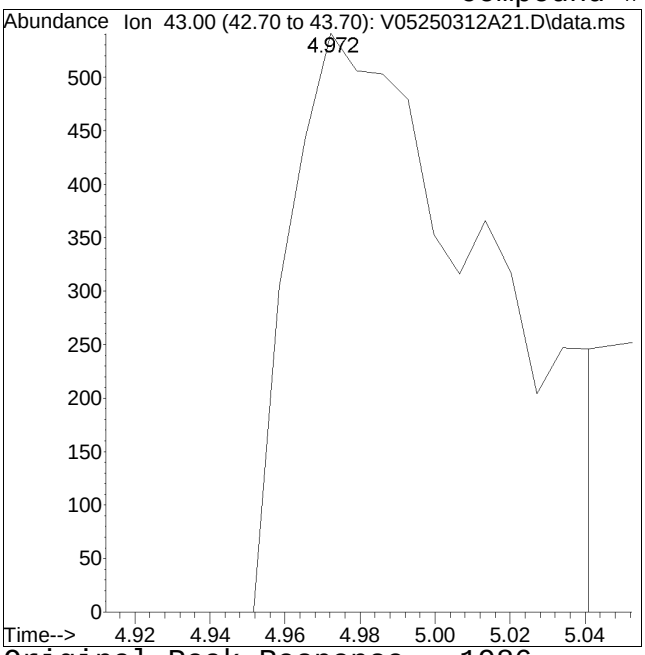


Manual Integration Report

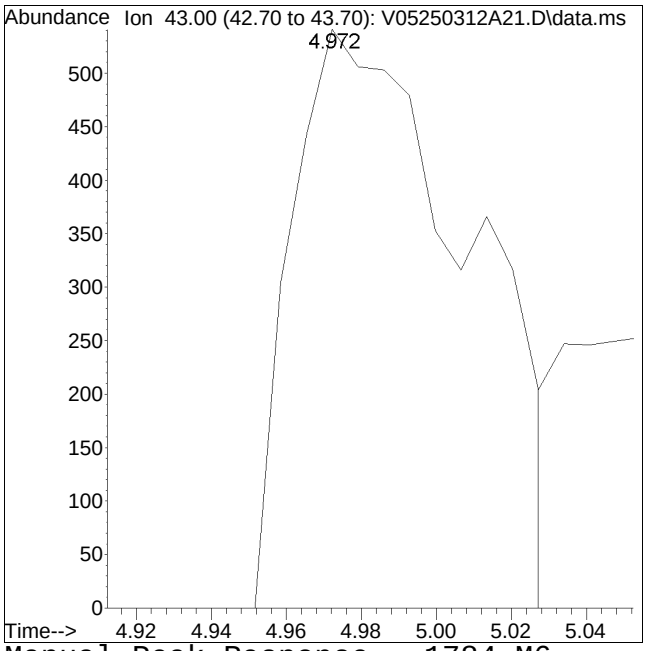
Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A21.D
Date Inj'd : 3/12/2025 3:26 pm
Sample : l2512368-01,31,10,10,,a

QMethod : V105_250220N_8260.m
Operator : VOA105:RAW
Instrument : VOA105
Quant Date : 3/12/2025 4:30 pm

Compound #39: 2-Butanone



Original Peak Response = 1986



Manual Peak Response = 1784 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A22.D
Acq On : 12 Mar 2025 3:51 pm
Operator : VOA105:RAW
Sample : l2512368-02,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 12 16:44:36 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.591	96	331216	10.000 ug/L	0.00
Standard Area 1 = 345765			Recovery =	95.79%	
59) Chlorobenzene-d5	9.076	117	251587	10.000 ug/L	0.00
Standard Area 1 = 264279			Recovery =	95.20%	
79) 1,4-Dichlorobenzene-d4	11.868	152	137677	10.000 ug/L	0.00
Standard Area 1 = 147134			Recovery =	93.57%	
System Monitoring Compounds					
36) Dibromofluoromethane	4.814	113	90391	9.732 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	97.32%	
43) 1,2-Dichloroethane-d4	5.323	65	100903	9.423 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	94.23%	
60) Toluene-d8	7.256	98	316786	9.671 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.71%	
83) 4-Bromofluorobenzene	10.616	95	116272	10.564 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	105.64%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D. d	
3) Chloromethane	1.602	50	374	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.973	94	176	N.D.	
6) Chloroethane	2.069	64	247	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	0.000		0	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	3.277	43	1039	Below Cal #	41
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	3.421	73	901	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	4.636	83	1531	0.112 ug/L #	82

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A22.D
Acq On : 12 Mar 2025 3:51 pm
Operator : VOA105:RAW
Sample : l2512368-02,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 12 16:44:36 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	d
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.083	91	279		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	10.623	91	89		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A22.D
Acq On : 12 Mar 2025 3:51 pm
Operator : VOA105:RAW
Sample : l2512368-02,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 12 16:44:36 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

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

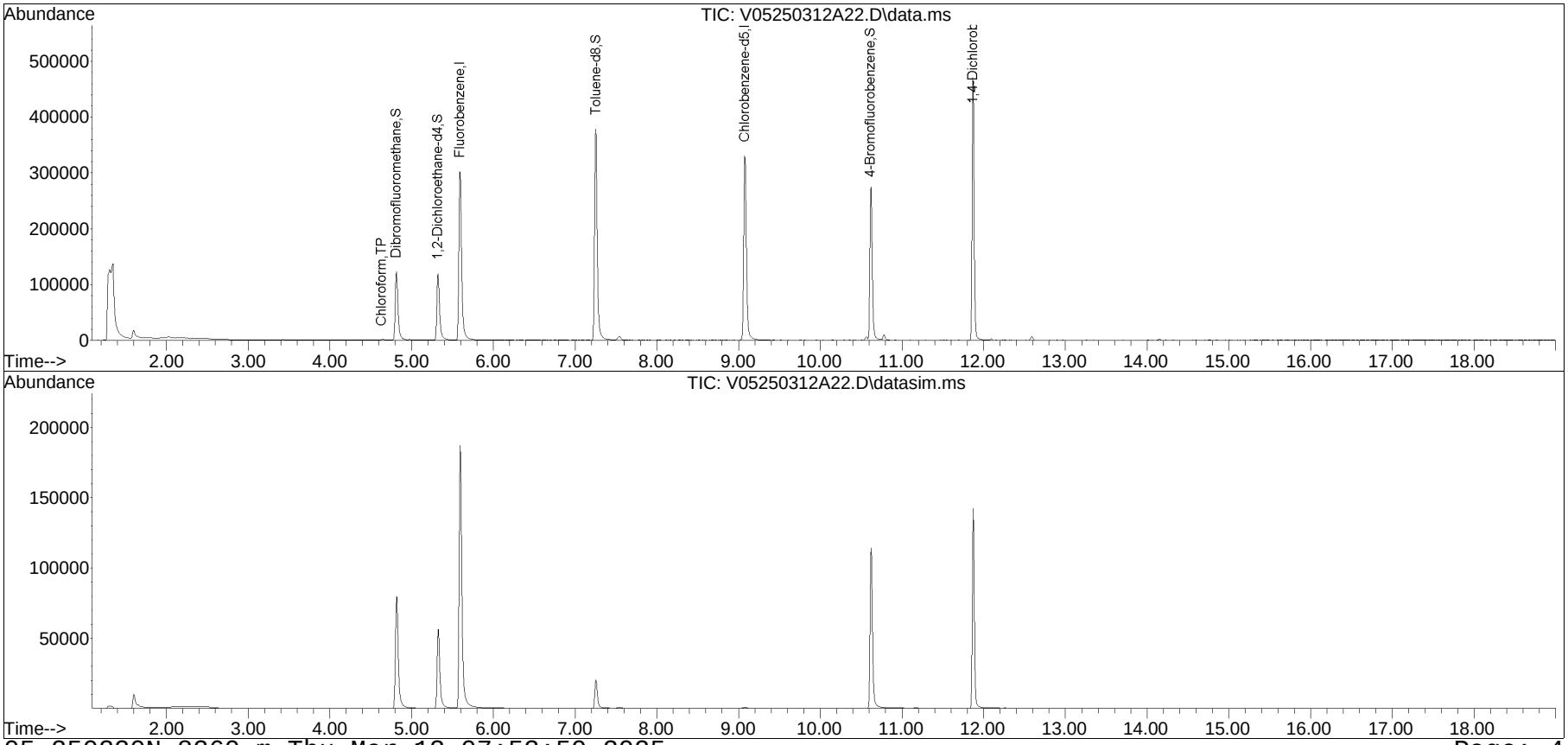
(#) = qualifier out of range (m) = manual integration (+) = signals summed

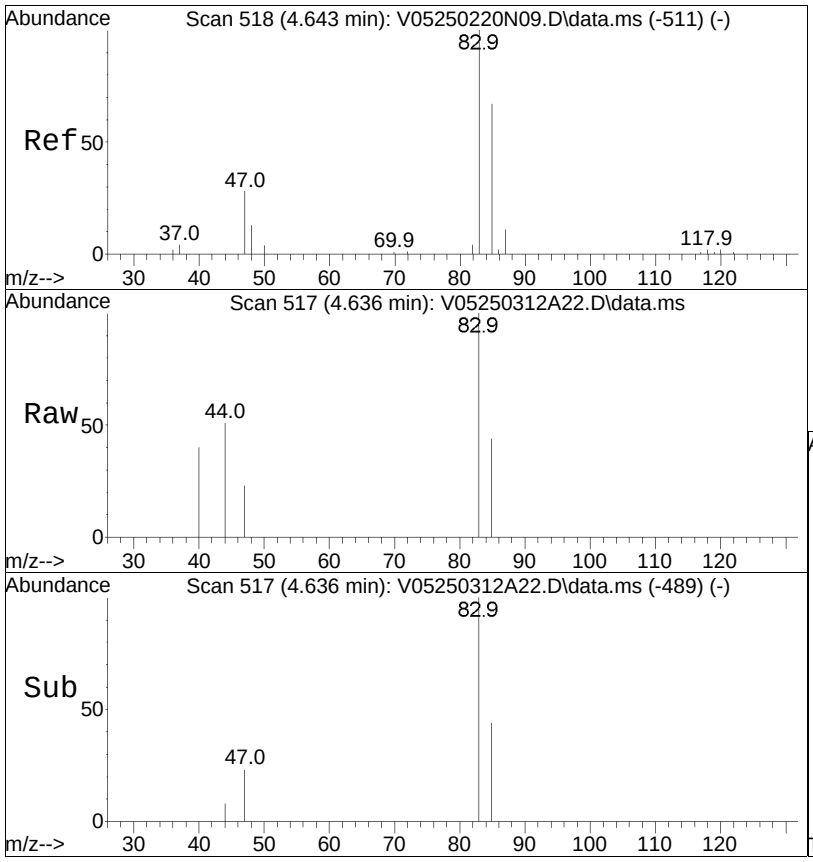
Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A22.D
Acq On : 12 Mar 2025 3:51 pm
Operator : VOA105:RAW
Sample : l2512368-02,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 12 16:44:36 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250312A01.D•

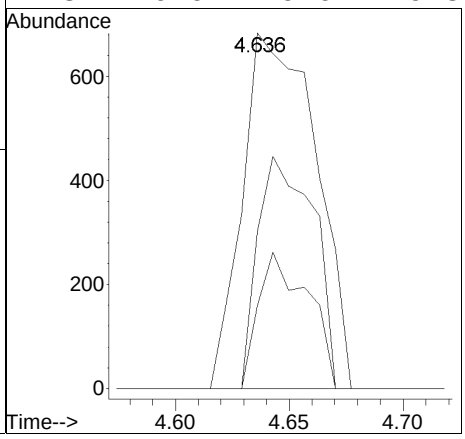




#32
Chloroform
Concen: 0.11 ug/L
RT: 4.636 min Scan# 517
Delta R.T. -0.007 min
Lab File: V05250312A22.D
Acq: 12 Mar 2025 3:51 pm

Tgt Ion: 83 Resp: 1531

Ion	Ratio	Lower	Upper
83	100		
85	49.5	43.0	89.2
47	25.9	17.6	36.6
48	0.0	9.6	19.8#



Manual Integration Report

Data Path	: K:\VOA105\2025\250312A\	QMethod	: V105_250220N_8260.m
Data File	: V05250312A22.D	Operator	: VOA105:RAW
Date Inj'd	: 3/12/2025 3:51 pm	Instrument	: VOA105
Sample	: l2512368-02,31,10,10,,a	Quant Date	: 3/12/2025 4:30 pm

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A23.D
Acq On : 12 Mar 2025 4:17 pm
Operator : VOA105:JIC
Sample : l2512368-03,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 13 07:14:09 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.591	96	318910	10.000	ug/L	0.00
Standard Area 1 = 345765			Recovery = 92.23%			
59) Chlorobenzene-d5	9.077	117	242010	10.000	ug/L	0.00
Standard Area 1 = 264279			Recovery = 91.57%			
79) 1,4-Dichlorobenzene-d4	11.868	152	131749	10.000	ug/L	0.00
Standard Area 1 = 147134			Recovery = 89.54%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.815	113	86907	9.718	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.18%			
43) 1,2-Dichloroethane-d4	5.323	65	99012	9.603	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.03%			
60) Toluene-d8	7.256	98	302094	9.587	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.87%			
83) 4-Bromofluorobenzene	10.616	95	111915	10.625	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.25%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D. d		
3) Chloromethane	1.637	50	62	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.973	94	155	N.D.		
6) Chloroethane	2.083	64	279	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	0.000		0	N.D.		
15) Methylene chloride	3.188	84	62	N.D.		
17) Acetone	3.284	43	899	Below Cal #		41
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A23.D
Acq On : 12 Mar 2025 4:17 pm
Operator : VOA105:JIC
Sample : l2512368-03,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 13 07:14:09 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.320	92	208	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.077	91	370	N.D.		
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	10.616	91	144	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
88) 4-Ethyltoluene	0.000		0	N.D.		
89) 2-Chlorotoluene	0.000		0	N.D.		
90) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
91) 1,2,3-Trichloropropane	0.000		0	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
93) 4-Chlorotoluene	0.000		0	N.D.		
94) tert-Butylbenzene	0.000		0	N.D.		

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A23.D
Acq On : 12 Mar 2025 4:17 pm
Operator : VOA105:JIC
Sample : l2512368-03,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 13 07:14:09 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

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

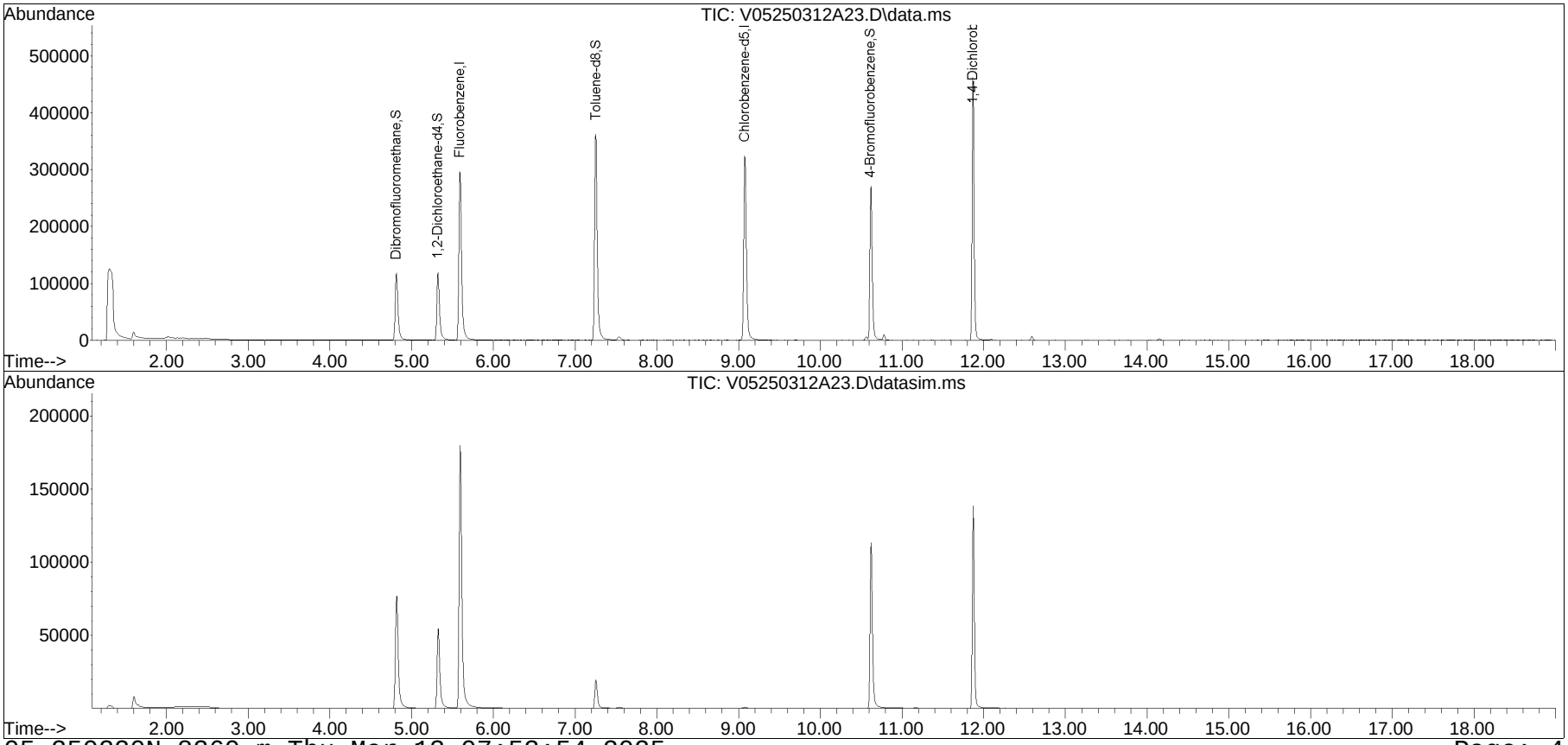
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A23.D
Acq On : 12 Mar 2025 4:17 pm
Operator : VOA105:JIC
Sample : l2512368-03,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 13 07:14:09 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250312A01.D•



Manual Integration Report

Data Path	: K:\VOA105\2025\250312A\	QMethod	: V105_250220N_8260.m
Data File	: V05250312A23.D	Operator	: VOA105:JIC
Date Inj'd	: 3/12/2025 4:17 pm	Instrument	: VOA105
Sample	: l2512368-03,31,10,10,,a	Quant Date	: 3/13/2025 6:12 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A24.D
Acq On : 12 Mar 2025 4:42 pm
Operator : VOA105:JIC
Sample : l2512368-04,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 13 07:14:20 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.591	96	304670	10.000 ug/L	0.00
Standard Area 1 = 345765			Recovery =	88.11%	
59) Chlorobenzene-d5	9.076	117	233695	10.000 ug/L	0.00
Standard Area 1 = 264279			Recovery =	88.43%	
79) 1,4-Dichlorobenzene-d4	11.868	152	127876	10.000 ug/L	0.00
Standard Area 1 = 147134			Recovery =	86.91%	
System Monitoring Compounds					
36) Dibromofluoromethane	4.814	113	84501	9.891 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.91%	
43) 1,2-Dichloroethane-d4	5.323	65	94839	9.628 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.28%	
60) Toluene-d8	7.256	98	290838	9.558 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	95.58%	
83) 4-Bromofluorobenzene	10.623	95	106371	10.405 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.05%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D. d	
3) Chloromethane	1.595	50	68	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	2.076	64	241	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	0.000		0	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	3.284	43	917	Below Cal #	41
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A24.D
Acq On : 12 Mar 2025 4:42 pm
Operator : VOA105:JIC
Sample : l2512368-04,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 13 07:14:20 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	0.000		0	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.069	91	284	N.D.		
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	10.616	91	248	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
88) 4-Ethyltoluene	0.000		0	N.D.		
89) 2-Chlorotoluene	0.000		0	N.D.		
90) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
91) 1,2,3-Trichloropropane	0.000		0	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
93) 4-Chlorotoluene	0.000		0	N.D.		
94) tert-Butylbenzene	0.000		0	N.D.		

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A24.D
Acq On : 12 Mar 2025 4:42 pm
Operator : VOA105:JIC
Sample : l2512368-04,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 13 07:14:20 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

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

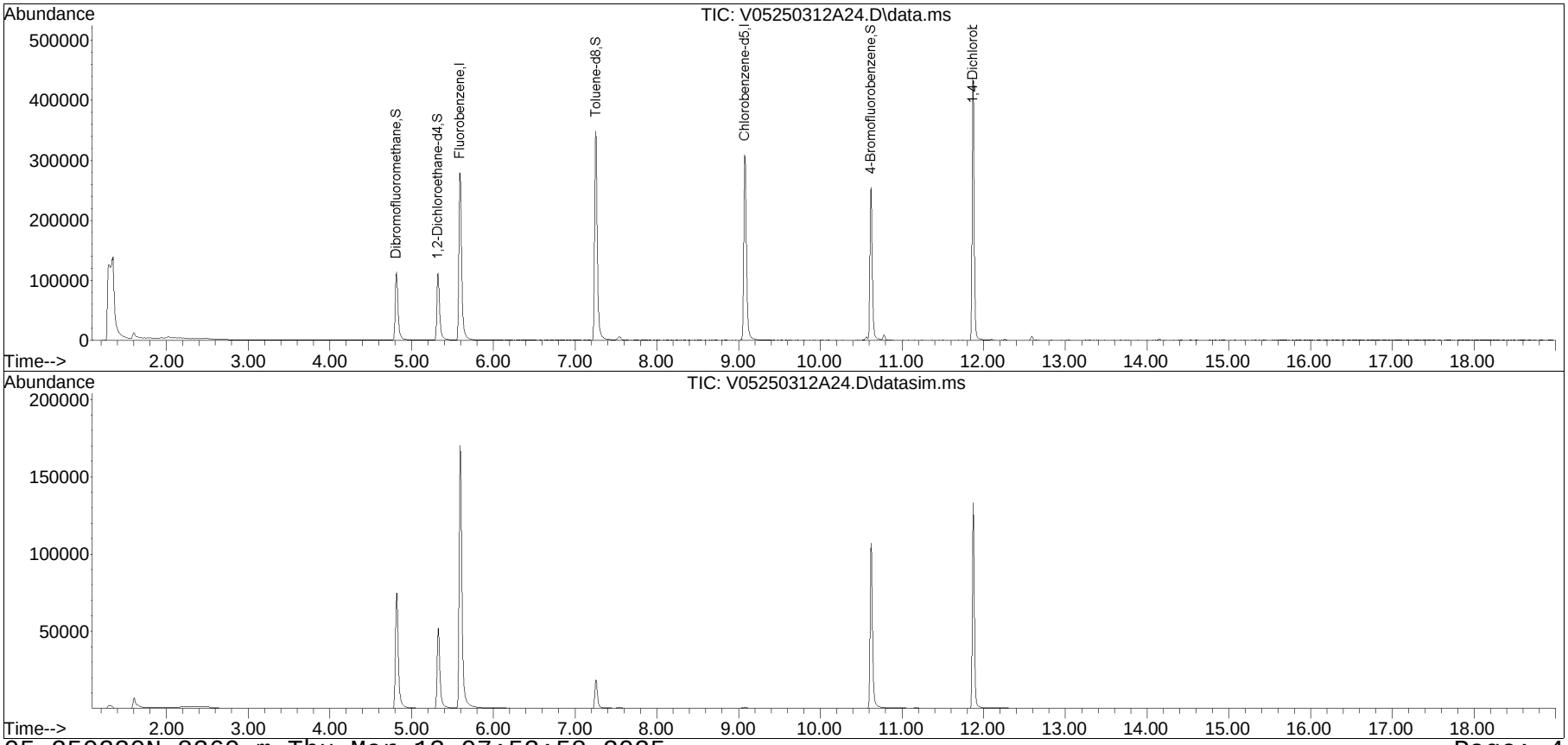
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A24.D
Acq On : 12 Mar 2025 4:42 pm
Operator : VOA105:JIC
Sample : l2512368-04,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 13 07:14:20 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250312A01.D•



Manual Integration Report

Data Path	: K:\VOA105\2025\250312A\	QMethod	: V105_250220N_8260.m
Data File	: V05250312A24.D	Operator	: VOA105:JIC
Date Inj'd	: 3/12/2025 4:42 pm	Instrument	: VOA105
Sample	: l2512368-04,31,10,10,,a	Quant Date	: 3/13/2025 6:12 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A25.D
Acq On : 12 Mar 2025 5:08 pm
Operator : VOA105:JIC
Sample : l2512368-05,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 13 07:15:20 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.591	96	299250	10.000	ug/L	0.00
Standard Area 1 = 345765			Recovery = 86.55%			
59) Chlorobenzene-d5	9.076	117	227987	10.000	ug/L	0.00
Standard Area 1 = 264279			Recovery = 86.27%			
79) 1,4-Dichlorobenzene-d4	11.868	152	123816	10.000	ug/L	0.00
Standard Area 1 = 147134			Recovery = 84.15%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.814	113	82227	9.799	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.99%			
43) 1,2-Dichloroethane-d4	5.323	65	93901	9.705	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.05%			
60) Toluene-d8	7.256	98	283822	9.561	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.61%			
83) 4-Bromofluorobenzene	10.623	95	103050	10.411	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.11%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D. d		
3) Chloromethane	1.595	50	83	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	2.089	64	112	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.673	76	74	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.284	43	449	Below Cal #		41
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	3.421	73	152	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	4.650	83	8716	0.703	ug/L	98

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A25.D
Acq On : 12 Mar 2025 5:08 pm
Operator : VOA105:JIC
Sample : l2512368-05,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 13 07:15:20 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	0.000		0	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.076	91	235	N.D.		
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	10.616	91	156	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
88) 4-Ethyltoluene	0.000		0	N.D.		
89) 2-Chlorotoluene	0.000		0	N.D.		
90) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
91) 1,2,3-Trichloropropane	0.000		0	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
93) 4-Chlorotoluene	0.000		0	N.D.		
94) tert-Butylbenzene	0.000		0	N.D.		

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A25.D
Acq On : 12 Mar 2025 5:08 pm
Operator : VOA105:JIC
Sample : l2512368-05,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 13 07:15:20 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

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

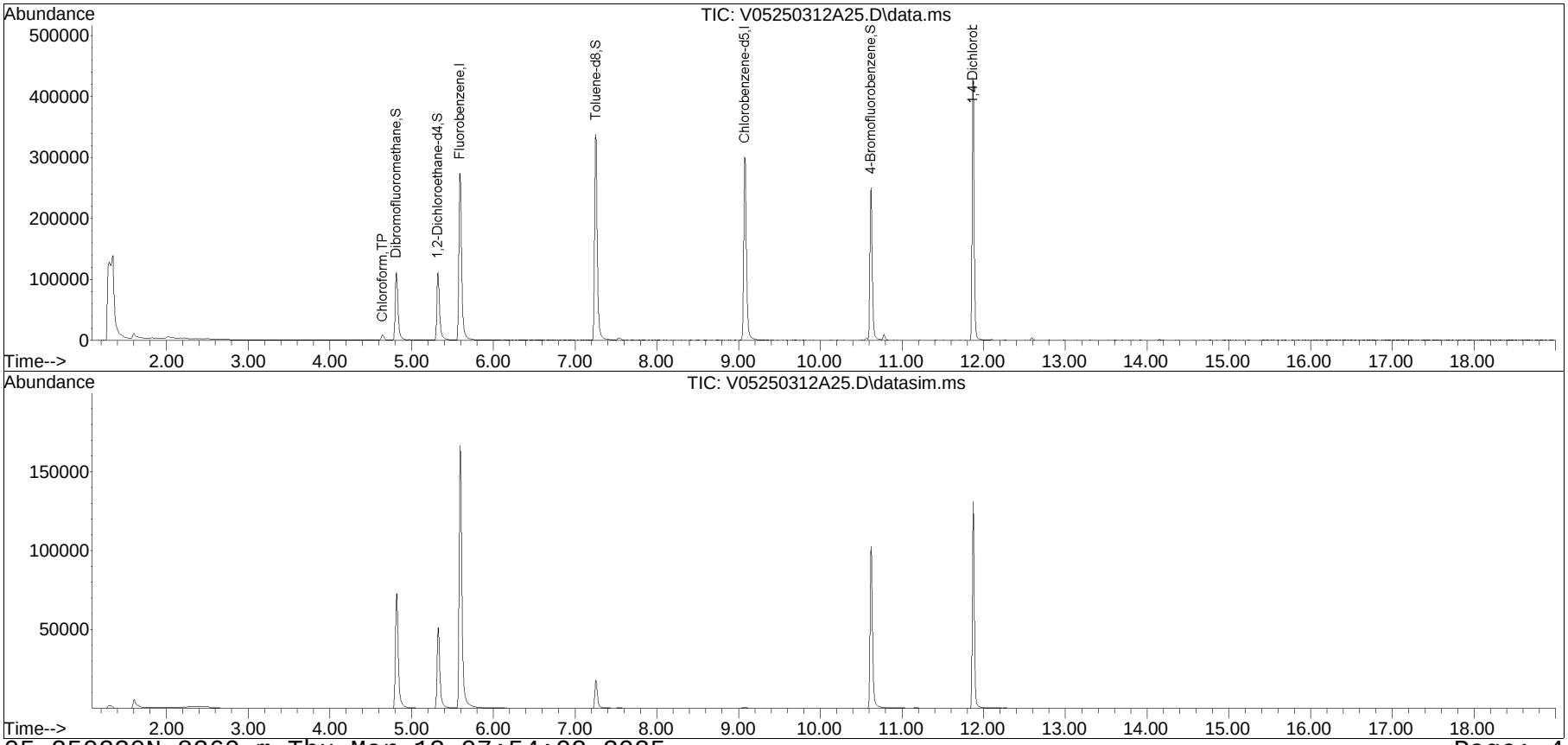
(#) = qualifier out of range (m) = manual integration (+) = signals summed

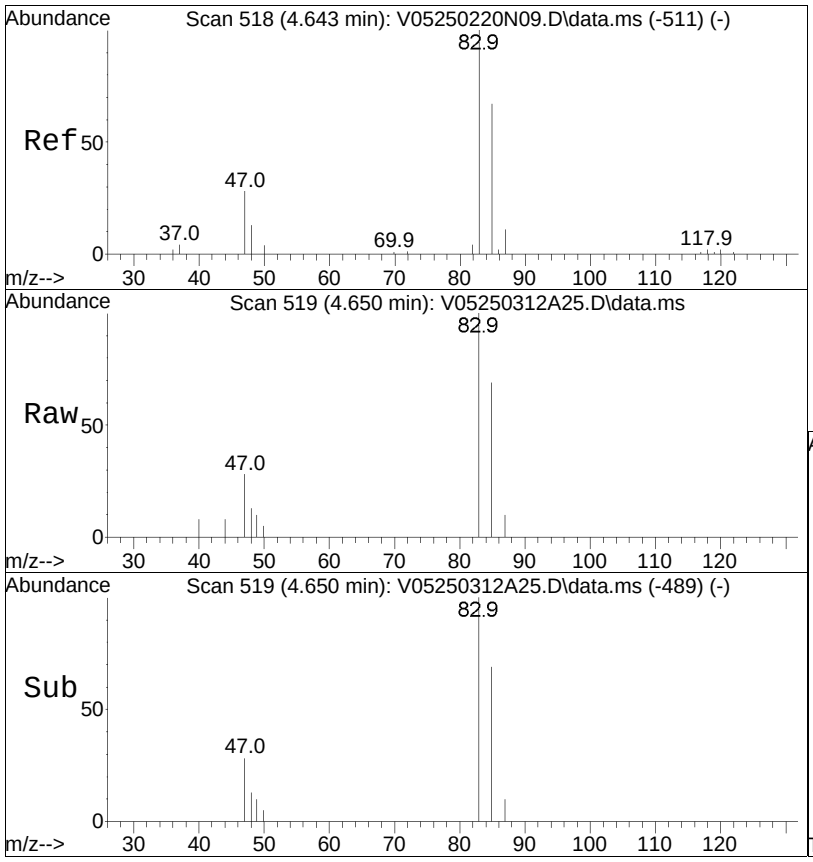
Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A25.D
Acq On : 12 Mar 2025 5:08 pm
Operator : VOA105:JIC
Sample : l2512368-05,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 13 07:15:20 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250312A01.D•

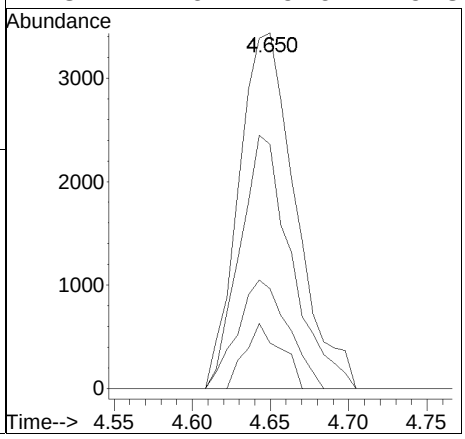




#32
Chloroform
Concen: 0.70 ug/L
RT: 4.650 min Scan# 519
Delta R.T. 0.007 min
Lab File: V05250312A25.D
Acq: 12 Mar 2025 5:08 pm

Tgt Ion: 83 Resp: 8716

Ion	Ratio	Lower	Upper
83	100		
85	64.4	43.0	89.2
47	27.0	17.6	36.6
48	11.6	9.6	19.8



Manual Integration Report

Data Path	: K:\VOA105\2025\250312A\	QMethod	: V105_250220N_8260.m
Data File	: V05250312A25.D	Operator	: VOA105:JIC
Date Inj'd	: 3/12/2025 5:08 pm	Instrument	: VOA105
Sample	: l2512368-05,31,10,10,,a	Quant Date	: 3/13/2025 6:12 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A26.D
Acq On : 12 Mar 2025 5:33 pm
Operator : VOA105:JIC
Sample : l2512368-10,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 13 07:15:51 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.591	96	285620	10.000 ug/L	0.00
Standard Area 1 = 345765			Recovery =	82.61%	
59) Chlorobenzene-d5	9.076	117	218958	10.000 ug/L	0.00
Standard Area 1 = 264279			Recovery =	82.85%	
79) 1,4-Dichlorobenzene-d4	11.868	152	120332	10.000 ug/L	0.00
Standard Area 1 = 147134			Recovery =	81.78%	
System Monitoring Compounds					
36) Dibromofluoromethane	4.814	113	79607	9.940 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.40%	
43) 1,2-Dichloroethane-d4	5.323	65	89887	9.734 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	97.34%	
60) Toluene-d8	7.256	98	271747	9.532 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	95.32%	
83) 4-Bromofluorobenzene	10.623	95	98564	10.246 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.46%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D. d	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	2.041	64	197	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	0.000		0	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	3.256	43	1054	Below Cal #	41
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	4.643	83	4487	0.379 ug/L	96

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A26.D
Acq On : 12 Mar 2025 5:33 pm
Operator : VOA105:JIC
Sample : l2512368-10,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 13 07:15:51 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	d
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.076	91	146		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	10.616	91	70		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A26.D
Acq On : 12 Mar 2025 5:33 pm
Operator : VOA105:JIC
Sample : l2512368-10,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 13 07:15:51 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

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

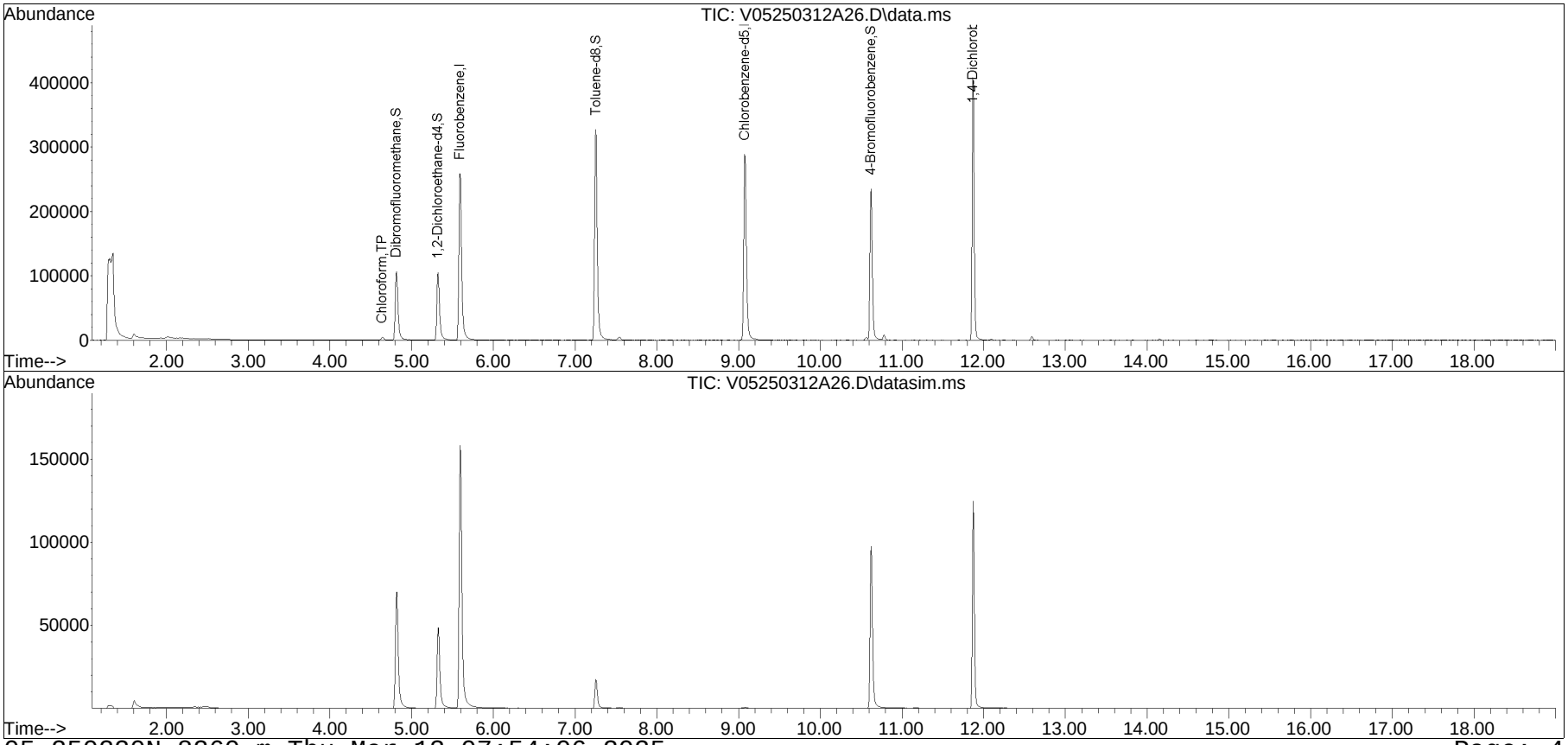
(#) = qualifier out of range (m) = manual integration (+) = signals summed

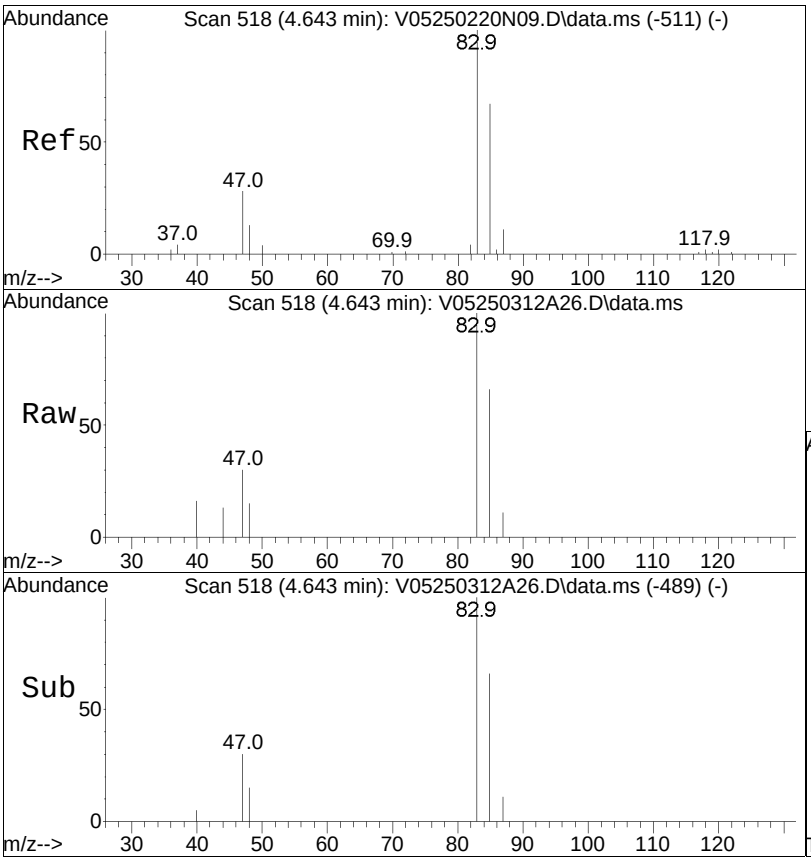
Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A26.D
Acq On : 12 Mar 2025 5:33 pm
Operator : VOA105:JIC
Sample : l2512368-10,31,10,10,,a
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 13 07:15:51 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250312A01.D•

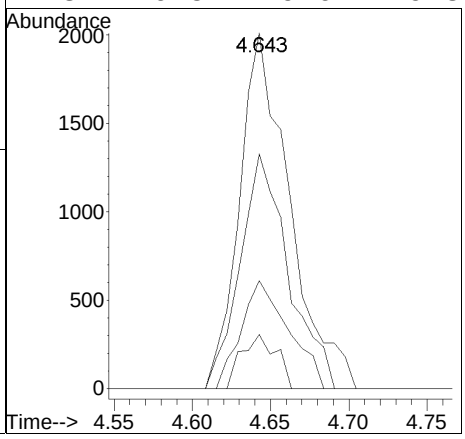




#32
Chloroform
Concen: 0.38 ug/L
RT: 4.643 min Scan# 518
Delta R.T. -0.000 min
Lab File: V05250312A26.D
Acq: 12 Mar 2025 5:33 pm

Tgt Ion: 83 Resp: 4487

Ion	Ratio	Lower	Upper
83	100		
85	63.7	43.0	89.2
47	28.7	17.6	36.6
48	10.5	9.6	19.8



Manual Integration Report

Data Path	: K:\VOA105\2025\250312A\	QMethod	: V105_250220N_8260.m
Data File	: V05250312A26.D	Operator	: VOA105:JIC
Date Inj'd	: 3/12/2025 5:33 pm	Instrument	: VOA105
Sample	: l2512368-10,31,10,10,,a	Quant Date	: 3/13/2025 6:12 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A07.D
Acq On : 12 Mar 2025 10:09 am
Operator : VOA101:PID
Sample : L2512368-19,31,10,10,,A
Misc : WG2039675,ICAL21969
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 12 12:29:37 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250312A\V01250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.899	96	542632	10.000 ug/L	0.00
Standard Area 1 = 569723			Recovery =	95.24%	
59) Chlorobenzene-d5	9.415	117	371342	10.000 ug/L	0.00
Standard Area 1 = 412059			Recovery =	90.12%	
79) 1,4-Dichlorobenzene-d4	12.143	152	186194	10.000 ug/L	0.00
Standard Area 1 = 220763			Recovery =	84.34%	
System Monitoring Compounds					
36) Dibromofluoromethane	5.099	113	141893	10.285 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.85%	
43) 1,2-Dichloroethane-d4	5.620	65	164865	10.419 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.19%	
60) Toluene-d8	7.575	98	515256	10.444 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.44%	
83) 4-Bromofluorobenzene	10.924	95	177163	9.718 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	97.18%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	1.800	50	2335	0.087 ug/L #	84
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.173	94	516	0.307 ug/L #	41
6) Chloroethane	2.254	64	27	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.929	76	2739	0.070 ug/L #	87
15) Methylene chloride	3.428	84	71	N.D.	
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
25) Acrylonitrile	0.000		0	N.D.	
27) Vinyl acetate	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
29) 2,2-Dichloropropane	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
32) Chloroform	4.923	83	445	N.D.	

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A07.D
Acq On : 12 Mar 2025 10:09 am
Operator : VOA101:PID
Sample : L2512368-19,31,10,10,,A
Misc : WG2039675,ICAL21969
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 12 12:29:37 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250312A\V01250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	5.266	43	3013M1	0.773	ug/L	
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	5.503	78	28	N.D.		
44) 1,2-Dichloroethane	5.704	62	31	N.D.		
48) Trichloroethene	6.030	95	153	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.	d	
61) Toluene	7.639	92	145	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	9.438	112	31	N.D.		
74) Ethylbenzene	9.496	91	101	N.D.		
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.640	105	45	N.D.		
84) Bromobenzene	0.000		0	N.D.		
85) n-Propylbenzene	11.105	91	52	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
88) 4-Ethyltoluene	11.228	105	72	N.D.		
89) 2-Chlorotoluene	11.264	91	38	N.D.		
90) 1,3,5-Trimethylbenzene	11.320	105	61	N.D.		
91) 1,2,3-Trichloropropane	11.317	75	30	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
93) 4-Chlorotoluene	11.479	91	36	N.D.		
94) tert-Butylbenzene	11.669	119	28	N.D.		

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A07.D
Acq On : 12 Mar 2025 10:09 am
Operator : VOA101:PID
Sample : L2512368-19,31,10,10,,A
Misc : WG2039675,ICAL21969
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 12 12:29:37 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250312A\V01250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.758	105	46		N.D.	
98) sec-Butylbenzene	11.844	105	29		N.D.	
99) p-Isopropyltoluene	12.003	119	1052		N.D.	
100) 1,3-Dichlorobenzene	12.076	146	29		N.D.	
101) 1,4-Dichlorobenzene	12.157	146	237		N.D.	
102) p-Diethylbenzene	12.399	119	133		N.D.	
103) n-Butylbenzene	12.449	91	26		N.D.	
104) 1,2-Dichlorobenzene	12.611	146	32		N.D.	
105) 1,2,4,5-Tetramethylben...	13.186	119	146		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
108) Hexachlorobutadiene	13.978	225	211		N.D.	
109) 1,2,4-Trichlorobenzene	14.036	180	29		N.D.	
110) Naphthalene	14.323	128	68		N.D.	
111) 1,2,3-Trichlorobenzene	14.471	180	72		N.D.	

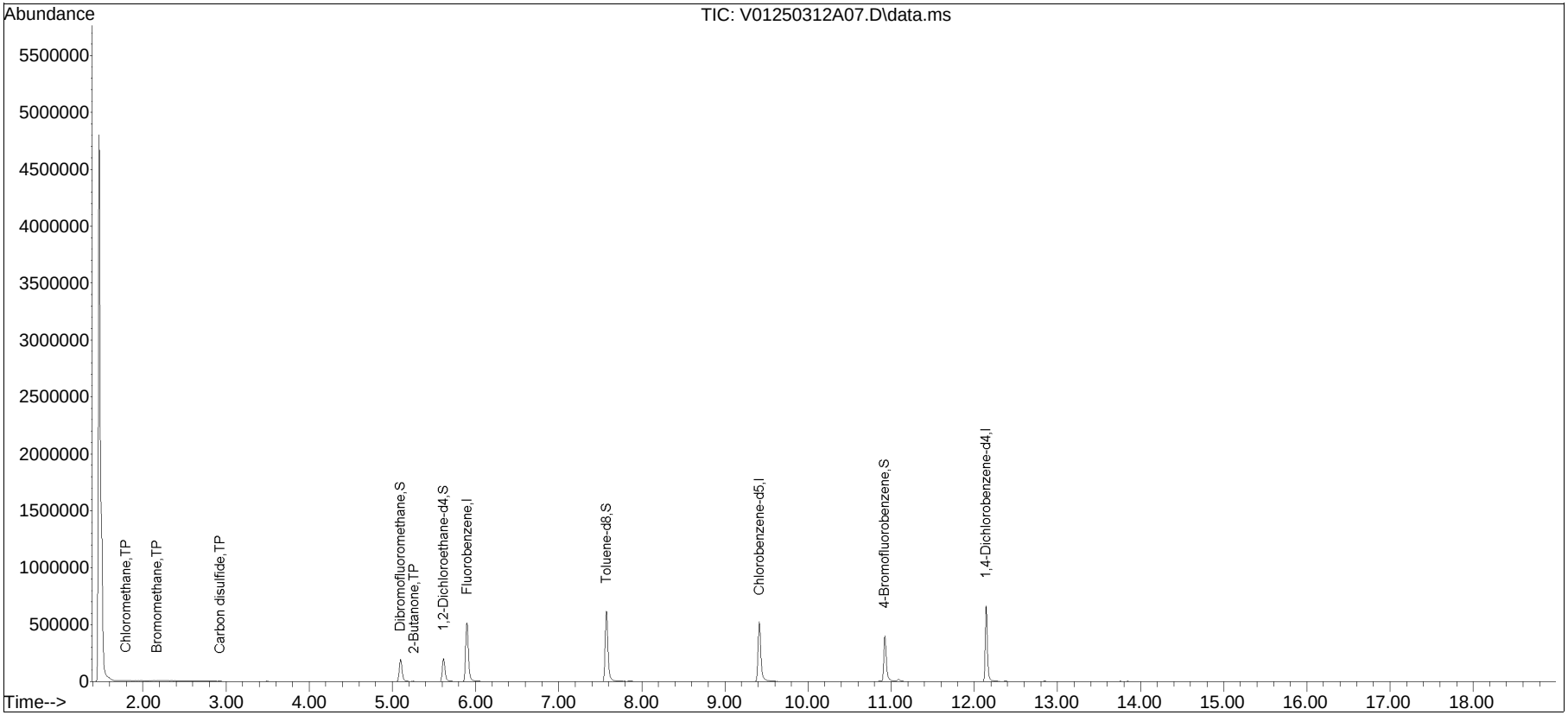
(#) = qualifier out of range (m) = manual integration (+) = signals summed

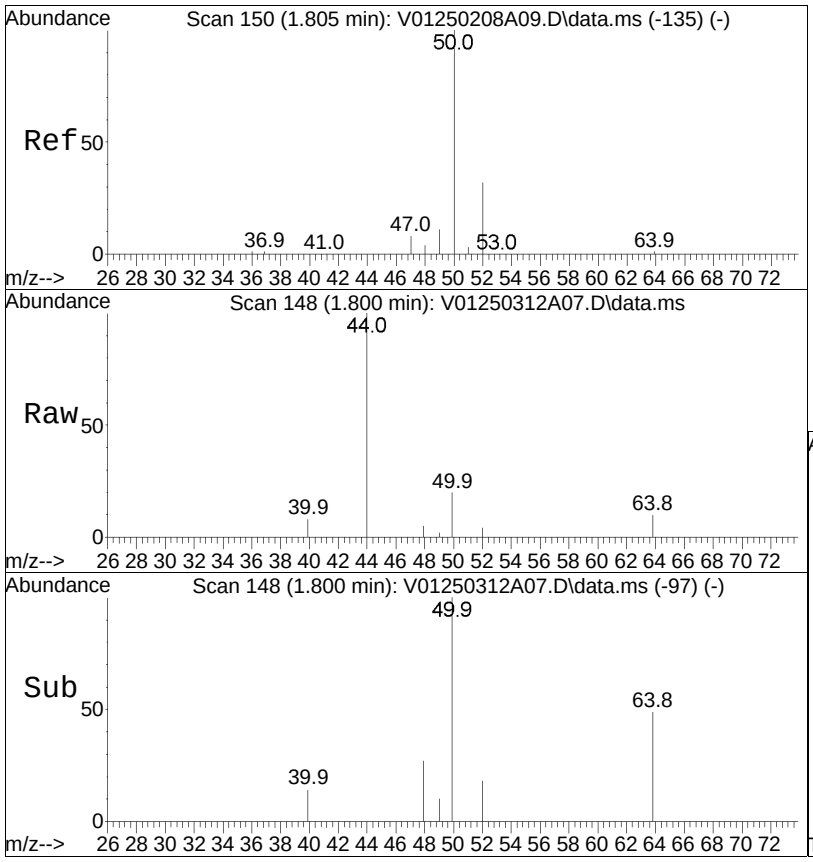
Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A07.D
Acq On : 12 Mar 2025 10:09 am
Operator : VOA101:PID
Sample : L2512368-19,31,10,10,,A
Misc : WG2039675,ICAL21969
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 12 12:29:37 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250312A01.D•

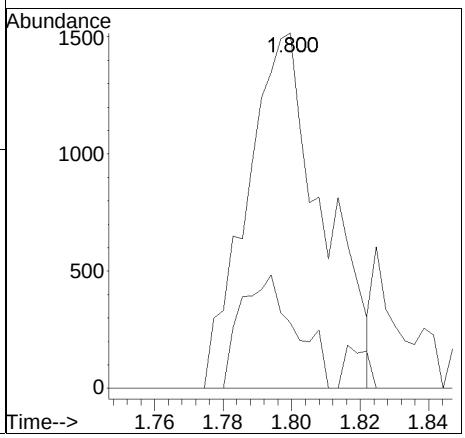


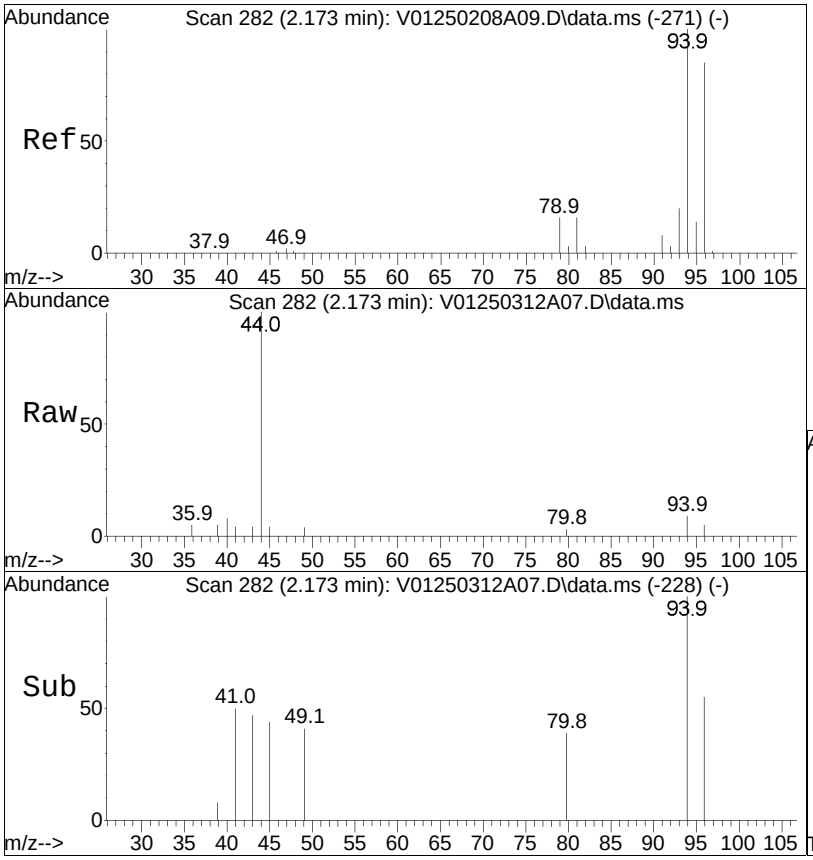


#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.800 min Scan# 148
Delta R.T. -0.005 min
Lab File: V01250312A07.D
Acq: 12 Mar 2025 10:09 am

Tgt Ion: 50 Resp: 2335

Ion	Ratio	Lower	Upper
50	100		
52	23.0	11.0	51.0
47	0.0	0.0	27.1

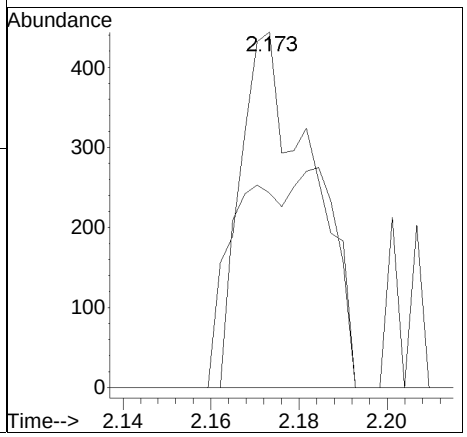


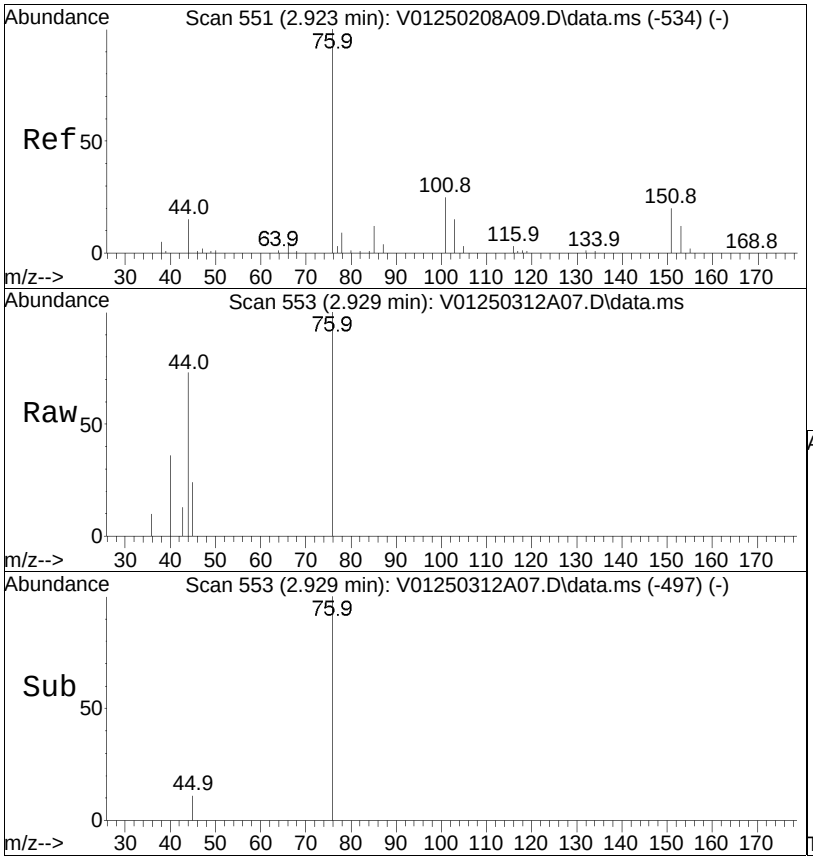


#5
Bromomethane
Concen: 0.31 ug/L
RT: 2.173 min Scan# 282
Delta R.T. 0.000 min
Lab File: V01250312A07.D
Acq: 12 Mar 2025 10:09 am

Tgt Ion: 94 Resp: 516

Ion	Ratio	Lower	Upper
94	100		
96	38.0	75.4	115.4#

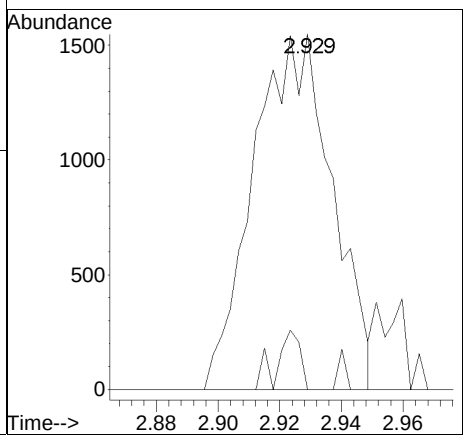


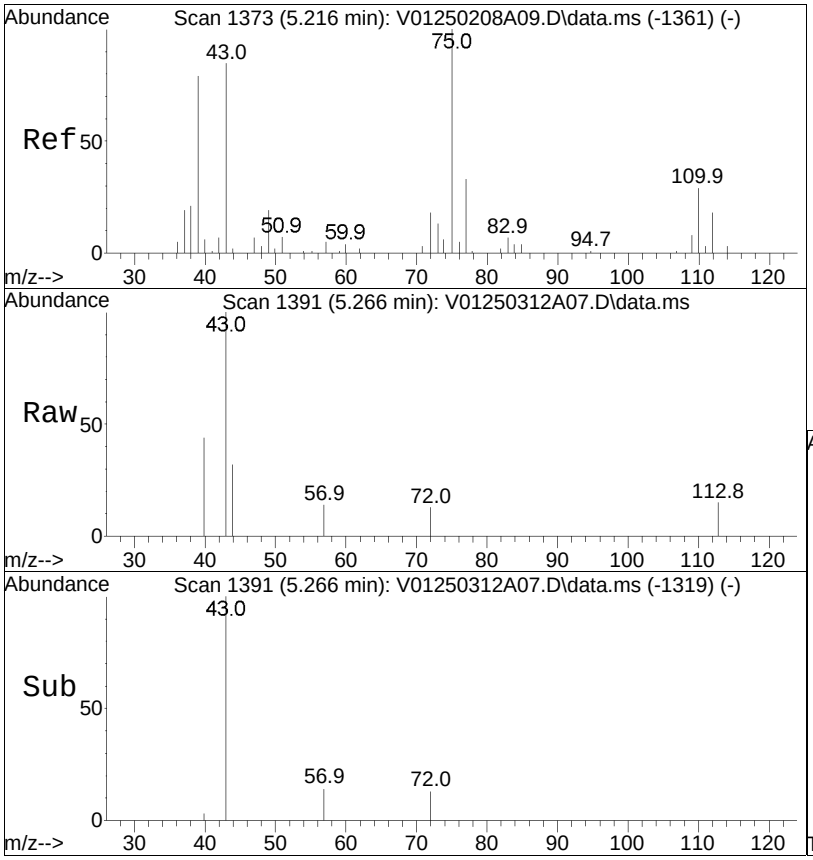


#11
Carbon disulfide
Concen: 0.07 ug/L
RT: 2.929 min Scan# 553
Delta R.T. 0.006 min
Lab File: V01250312A07.D
Acq: 12 Mar 2025 10:09 am

Tgt Ion: 76 Resp: 2739

Ion	Ratio	Lower	Upper
76	100		
78	5.0	6.3	13.1#

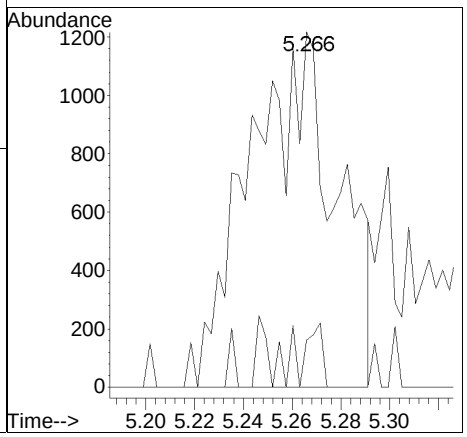




#39
2-Butanone
Concen: 0.77 ug/L M1
RT: 5.266 min Scan# 1391
Delta R.T. 0.050 min
Lab File: V01250312A07.D
Acq: 12 Mar 2025 10:09 am

Tgt Ion: 43 Resp: 3013

Ion	Ratio	Lower	Upper
43	100		
72	3.1	16.5	24.7#

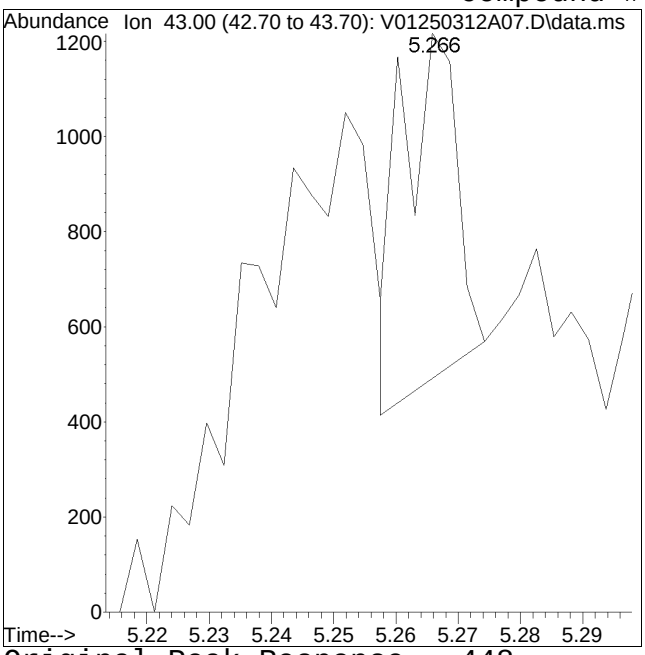


Manual Integration Report

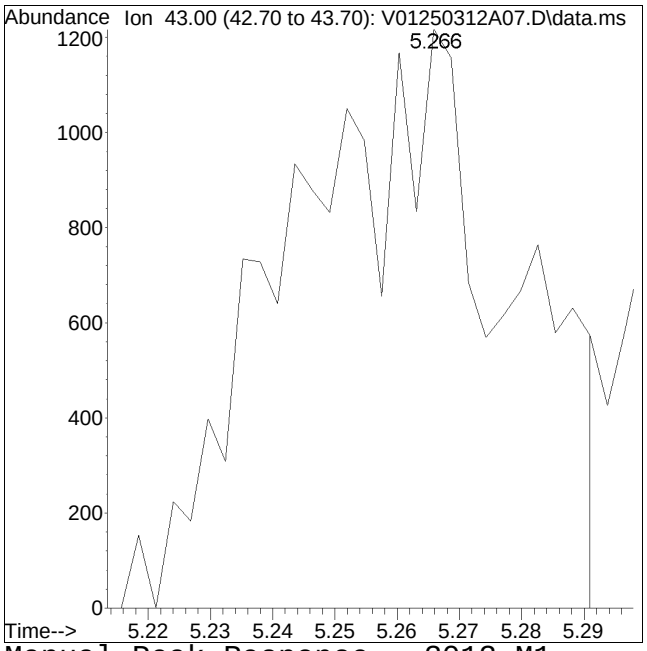
Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A07.D
Date Inj'd : 3/12/2025 10:09 am
Sample : L2512368-19,31,10,10,,A

QMethod : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 3/12/2025 12:23 pm

Compound #39: 2-Butanone



Original Peak Response = 448



Manual Peak Response = 3013 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A18.D
Acq On : 12 Mar 2025 01:56 pm
Operator : VOA122:JIC
Sample : L2512368-06,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 13 07:23:40 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.884	96	252679	10.000 ug/L	0.00
Standard Area 1 = 274042			Recovery = 92.20%		
62) Chlorobenzene-d5	9.414	117	235265	10.000 ug/L	0.00
Standard Area 1 = 225349			Recovery = 104.40%		
83) 1,4-Dichlorobenzene-d4	12.146	152	122694	10.000 ug/L	0.00
Standard Area 1 = 119383			Recovery = 102.77%		
System Monitoring Compounds					
38) Dibromofluoromethane	5.076	113	88175	12.125 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 121.25%		
46) 1,2-Dichloroethane-d4	5.598	65	73494	11.349 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 113.49%		
63) Toluene-d8	7.576	98	280530	9.447 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.47%		
87) 4-Bromofluorobenzene	10.922	95	90280	9.044 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 90.44%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	0.000		0	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	3.445	43	791	1.405 ug/L #	51
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
21) Methyl tert-butyl ether	0.000		0	N.D.	
25) 1,1-Dichloroethane	0.000		0	N.D.	
27) Acrylonitrile	0.000		0	N.D.	
29) Vinyl acetate	0.000		0	N.D.	
30) cis-1,2-Dichloroethene	4.645	96	786	0.228 ug/L #	80
31) 2,2-Dichloropropane	0.000		0	N.D.	
32) Bromochloromethane	0.000		0	N.D.	
34) Chloroform	0.000		0	N.D.	

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A18.D
Acq On : 12 Mar 2025 01:56 pm
Operator : VOA122:JIC
Sample : L2512368-06,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 13 07:23:40 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
36) Carbon tetrachloride	0.000		0	N.D.			
39) 1,1,1-Trichloroethane	0.000		0	N.D.			
41) 2-Butanone	5.194	43	1406	1.695	ug/L	#	72
42) 1,1-Dichloropropene	0.000		0	N.D.			
44) Benzene	0.000		0	N.D.			
47) 1,2-Dichloroethane	0.000		0	N.D.			
51) Trichloroethene	5.947	95	311	Below Cal		#	3
53) Dibromomethane	0.000		0	N.D.			
54) 1,2-Dichloropropane	0.000		0	N.D.			
57) Bromodichloromethane	0.000		0	N.D.			
60) 1,4-Dioxane	0.000		0	N.D.			
61) cis-1,3-Dichloropropene	0.000		0	N.D.			
64) Toluene	0.000		0	N.D.			
65) 4-Methyl-2-pentanone	0.000		0	N.D.			
66) Tetrachloroethene	0.000		0	N.D.			
68) trans-1,3-Dichloropropene	0.000		0	N.D.			
71) 1,1,2-Trichloroethane	0.000		0	N.D.			
72) Chlorodibromomethane	0.000		0	N.D.			
73) 1,3-Dichloropropane	0.000		0	N.D.			
74) 1,2-Dibromoethane	0.000		0	N.D.			
76) 2-Hexanone	0.000		0	N.D.			
77) Chlorobenzene	0.000		0	N.D.			
78) Ethylbenzene	9.414	91	152	N.D.			
79) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
80) p/m Xylene	0.000		0	N.D.			
81) o Xylene	0.000		0	N.D.			
82) Styrene	0.000		0	N.D.			
84) Bromoform	0.000		0	N.D.			
86) Isopropylbenzene	0.000		0	N.D.			
88) Bromobenzene	0.000		0	N.D.			
89) n-Propylbenzene	10.922	91	347	N.D.			
91) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
92) 4-Ethyltoluene	0.000		0	N.D.			
93) 2-Chlorotoluene	0.000		0	N.D.			
94) 1,3,5-Trimethylbenzene	0.000		0	N.D.			
95) 1,2,3-Trichloropropane	0.000		0	N.D.			
96) trans-1,4-Dichloro-2-b...	0.000		0	N.D.			
97) 4-Chlorotoluene	0.000		0	N.D.			
98) tert-Butylbenzene	0.000		0	N.D.			

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A18.D
Acq On : 12 Mar 2025 01:56 pm
Operator : VOA122:JIC
Sample : L2512368-06,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 13 07:23:40 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
102) sec-Butylbenzene	0.000		0		N.D.	
103) p-Isopropyltoluene	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	0.000		0		N.D.	
105) 1,4-Dichlorobenzene	0.000		0		N.D.	
106) p-Diethylbenzene	0.000		0		N.D.	
107) n-Butylbenzene	0.000		0		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
109) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
112) Hexachlorobutadiene	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
114) Naphthalene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

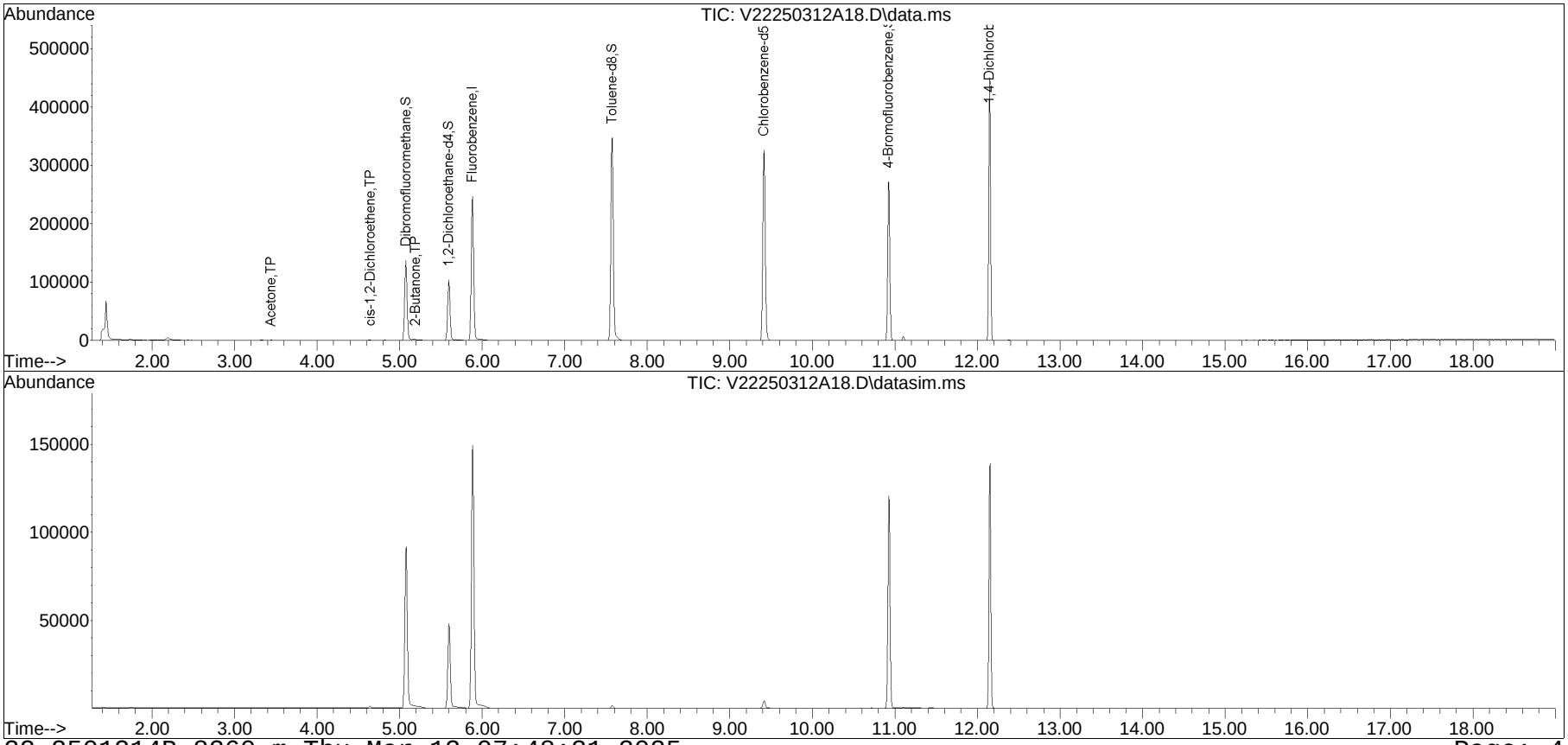
(#) = qualifier out of range (m) = manual integration (+) = signals summed

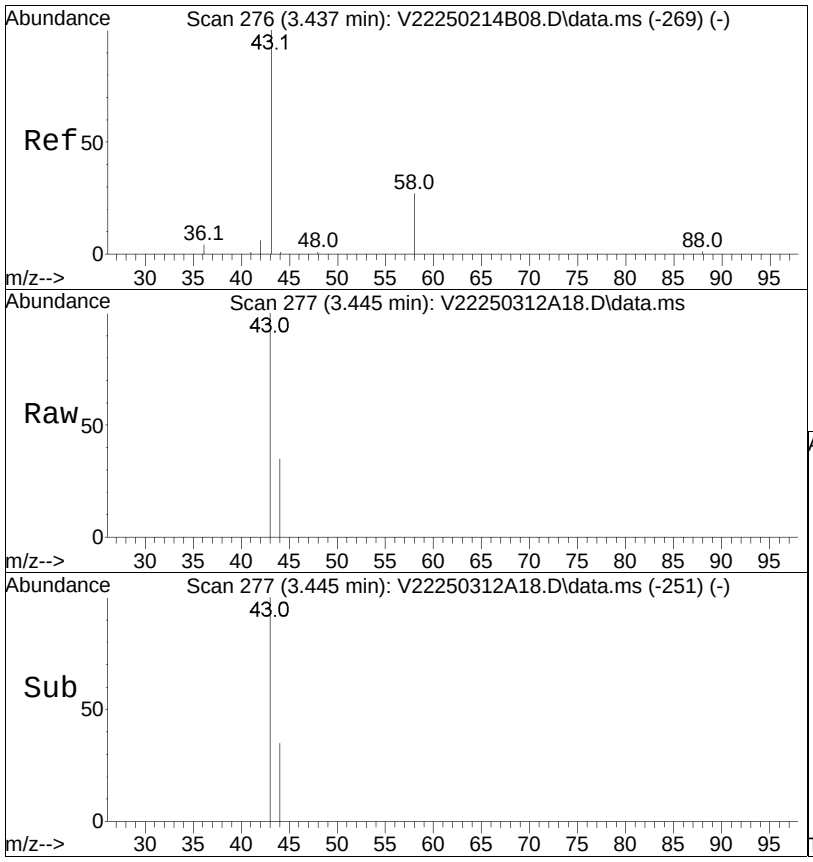
Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A18.D
Acq On : 12 Mar 2025 01:56 pm
Operator : VOA122:JIC
Sample : L2512368-06,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 13 07:23:40 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250312A04.D•

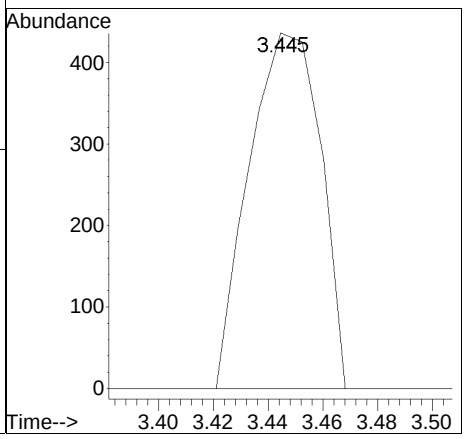


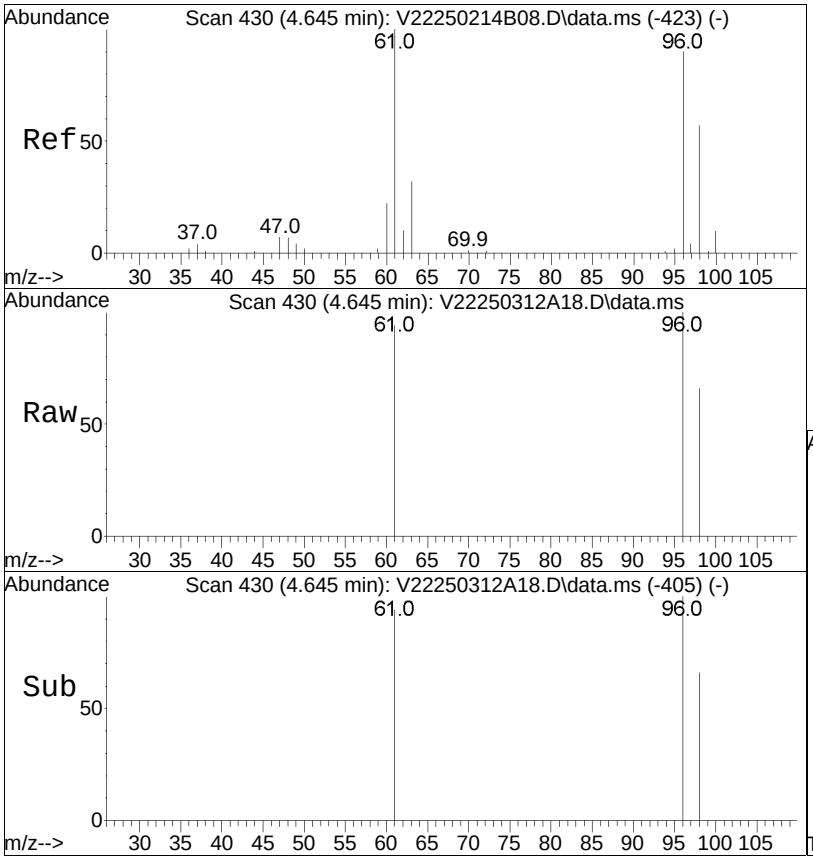


#17
Acetone
Concen: 1.40 ug/L
RT: 3.445 min Scan# 277
Delta R.T. 0.008 min
Lab File: V22250312A18.D
Acq: 12 Mar 2025 01:56 pm

Tgt Ion: 43 Resp: 791

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.1	28.7#

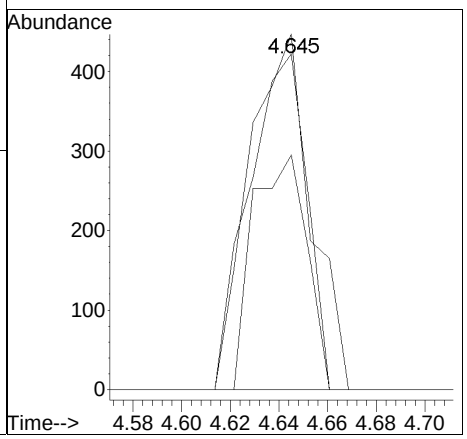


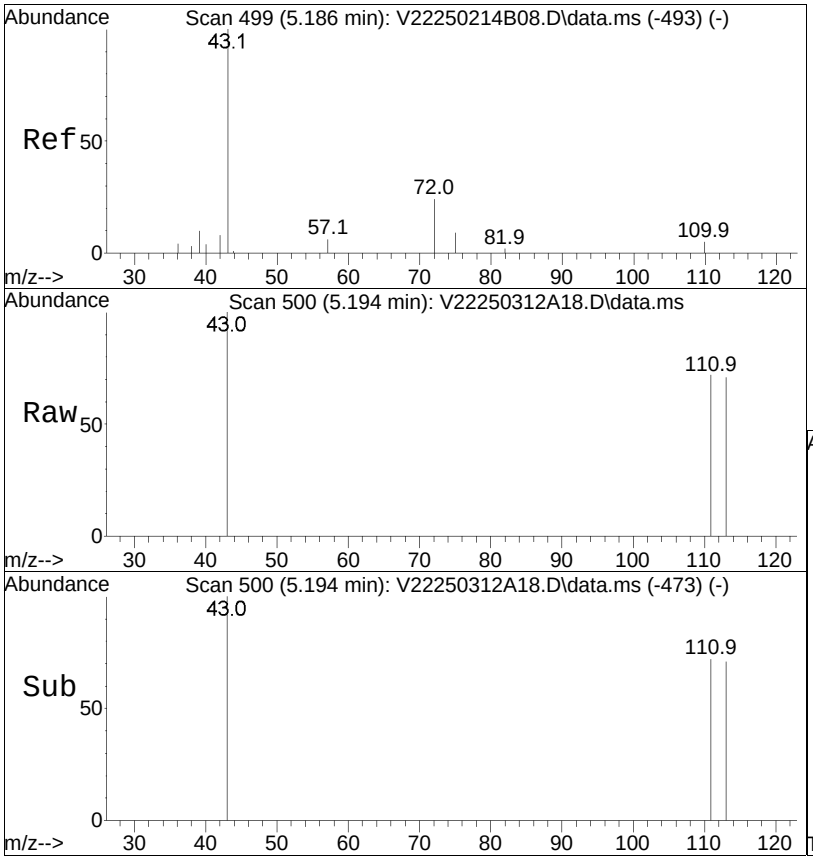


#30
cis-1,2-Dichloroethene
Concen: 0.23 ug/L
RT: 4.645 min Scan# 430
Delta R.T. -0.000 min
Lab File: V22250312A18.D
Acq: 12 Mar 2025 01:56 pm

Tgt Ion: 96 Resp: 786

Ion	Ratio	Lower	Upper
96	100		
61	88.8	94.1	141.1#
98	57.6	52.1	78.1

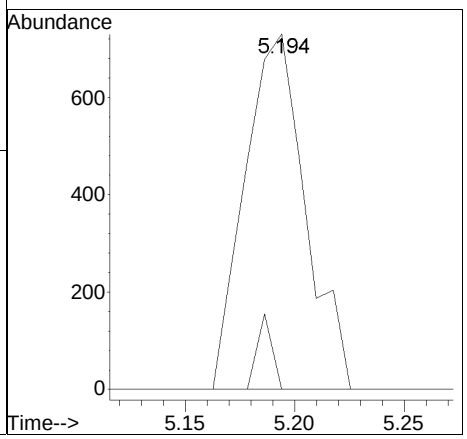




#41
2-Butanone
Concen: 1.70 ug/L
RT: 5.194 min Scan# 500
Delta R.T. 0.008 min
Lab File: V22250312A18.D
Acq: 12 Mar 2025 01:56 pm

Tgt Ion: 43 Resp: 1406

Ion	Ratio	Lower	Upper
43	100		
72	5.2	14.2	21.2#



Manual Integration Report

Data Path	: K:\VOA122\2025\250312A\	QMethod	: V122_2501214B_8260.m
Data File	: V22250312A18.D	Operator	: VOA122:JIC
Date Inj'd	: 3/12/2025 1:56 pm	Instrument	: VOA 122
Sample	: L2512368-06,31,10,10,,A	Quant Date	: 3/13/2025 6:14 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A19.D
Acq On : 12 Mar 2025 02:20 pm
Operator : VOA122:JIC
Sample : L2512368-07,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 13 07:25:36 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.884	96	258614	10.000 ug/L	0.00
Standard Area 1 = 274042			Recovery = 94.37%		
62) Chlorobenzene-d5	9.414	117	230437	10.000 ug/L	0.00
Standard Area 1 = 225349			Recovery = 102.26%		
83) 1,4-Dichlorobenzene-d4	12.146	152	121840	10.000 ug/L	0.00
Standard Area 1 = 119383			Recovery = 102.06%		
System Monitoring Compounds					
38) Dibromofluoromethane	5.077	113	89335	12.003 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 120.03%		
46) 1,2-Dichloroethane-d4	5.598	65	74659	11.264 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 112.64%		
63) Toluene-d8	7.576	98	271972	9.351 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.51%		
87) 4-Bromofluorobenzene	10.922	95	89024	8.980 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 89.80%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.888	76	80	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	3.445	43	418	0.725 ug/L #	51
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
21) Methyl tert-butyl ether	0.000		0	N.D.	
25) 1,1-Dichloroethane	0.000		0	N.D.	
27) Acrylonitrile	0.000		0	N.D.	
29) Vinyl acetate	0.000		0	N.D.	
30) cis-1,2-Dichloroethene	4.637	96	426	0.121 ug/L	92
31) 2,2-Dichloropropane	0.000		0	N.D.	
32) Bromochloromethane	0.000		0	N.D.	
34) Chloroform	0.000		0	N.D.	

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A19.D
Acq On : 12 Mar 2025 02:20 pm
Operator : VOA122:JIC
Sample : L2512368-07,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 13 07:25:36 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
36) Carbon tetrachloride	0.000		0	N.D.			
39) 1,1,1-Trichloroethane	0.000		0	N.D.			
41) 2-Butanone	5.194	43	1277	1.504	ug/L	#	77
42) 1,1-Dichloropropene	0.000		0	N.D.			
44) Benzene	0.000		0	N.D.			
47) 1,2-Dichloroethane	0.000		0	N.D.			
51) Trichloroethene	0.000		0	N.D.			
53) Dibromomethane	0.000		0	N.D.			
54) 1,2-Dichloropropane	0.000		0	N.D.			
57) Bromodichloromethane	0.000		0	N.D.			
60) 1,4-Dioxane	0.000		0	N.D.			
61) cis-1,3-Dichloropropene	0.000		0	N.D.			
64) Toluene	0.000		0	N.D.			
65) 4-Methyl-2-pentanone	0.000		0	N.D.			
66) Tetrachloroethene	0.000		0	N.D.			
68) trans-1,3-Dichloropropene	0.000		0	N.D.			
71) 1,1,2-Trichloroethane	0.000		0	N.D.			
72) Chlorodibromomethane	0.000		0	N.D.			
73) 1,3-Dichloropropane	0.000		0	N.D.			
74) 1,2-Dibromoethane	0.000		0	N.D.			
76) 2-Hexanone	0.000		0	N.D.			
77) Chlorobenzene	0.000		0	N.D.			
78) Ethylbenzene	9.407	91	170	N.D.			
79) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
80) p/m Xylene	0.000		0	N.D.			
81) o Xylene	0.000		0	N.D.			
82) Styrene	0.000		0	N.D.			
84) Bromoform	0.000		0	N.D.			
86) Isopropylbenzene	0.000		0	N.D.			
88) Bromobenzene	0.000		0	N.D.			
89) n-Propylbenzene	10.922	91	185	N.D.			
91) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
92) 4-Ethyltoluene	0.000		0	N.D.			
93) 2-Chlorotoluene	0.000		0	N.D.			
94) 1,3,5-Trimethylbenzene	0.000		0	N.D.			
95) 1,2,3-Trichloropropane	0.000		0	N.D.			
96) trans-1,4-Dichloro-2-b...	0.000		0	N.D.			
97) 4-Chlorotoluene	0.000		0	N.D.			
98) tert-Butylbenzene	0.000		0	N.D.			

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A19.D
Acq On : 12 Mar 2025 02:20 pm
Operator : VOA122:JIC
Sample : L2512368-07,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 13 07:25:36 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
102) sec-Butylbenzene	0.000		0		N.D.	
103) p-Isopropyltoluene	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	0.000		0		N.D.	
105) 1,4-Dichlorobenzene	0.000		0		N.D.	
106) p-Diethylbenzene	0.000		0		N.D.	
107) n-Butylbenzene	0.000		0		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
109) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
112) Hexachlorobutadiene	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
114) Naphthalene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

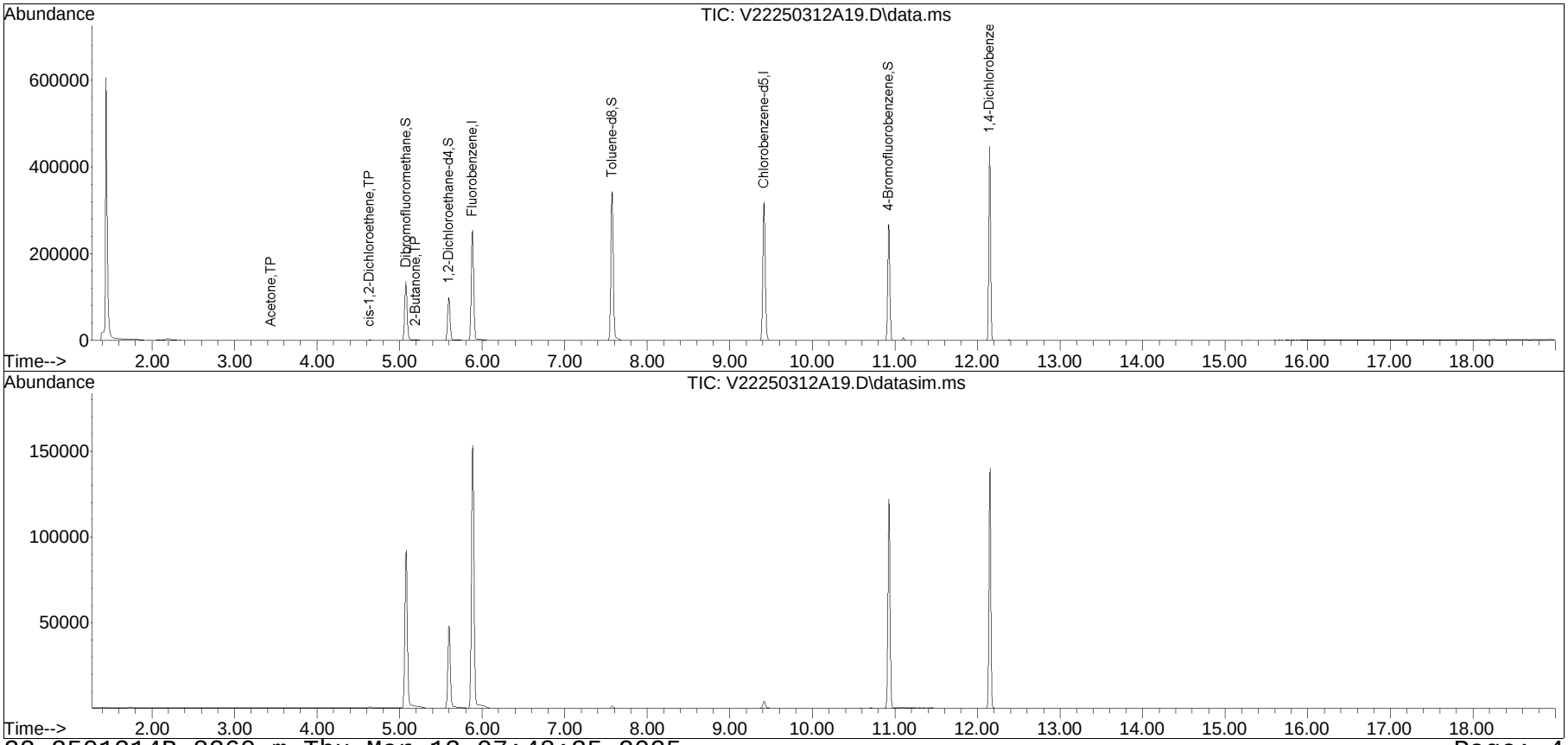
(#) = qualifier out of range (m) = manual integration (+) = signals summed

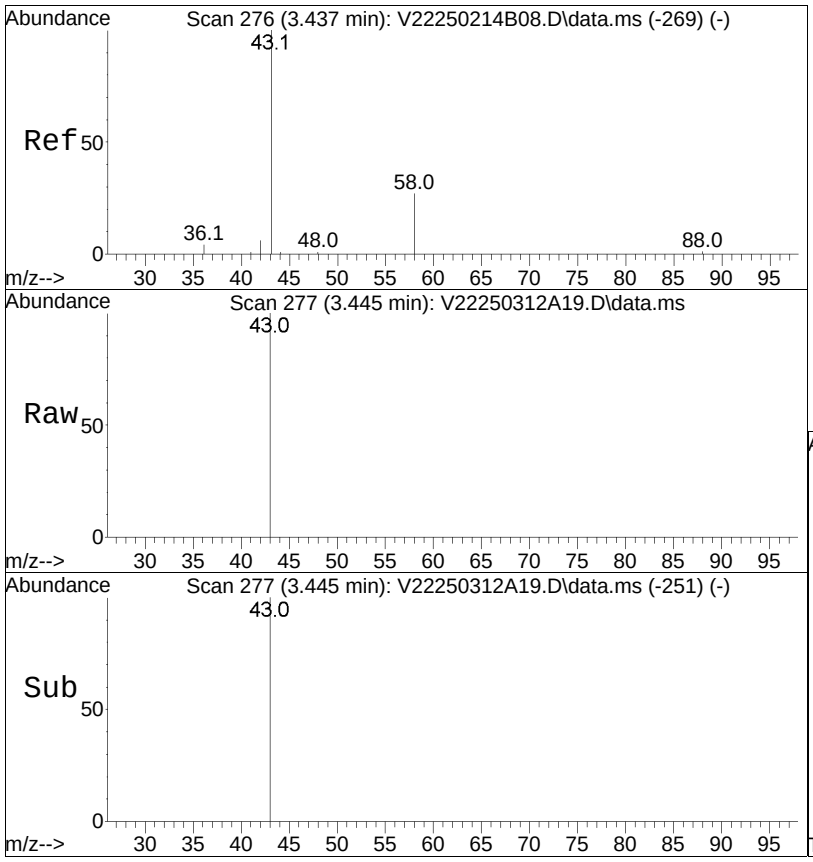
Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A19.D
Acq On : 12 Mar 2025 02:20 pm
Operator : VOA122:JIC
Sample : L2512368-07,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 13 07:25:36 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250312A04.D•

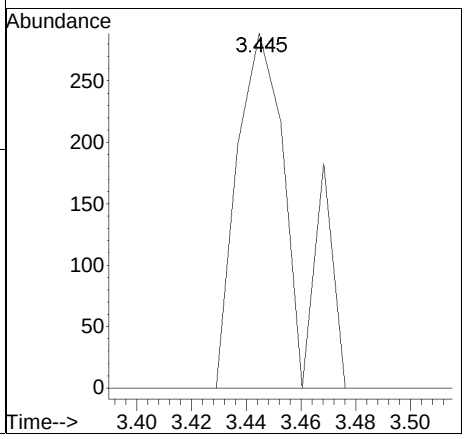


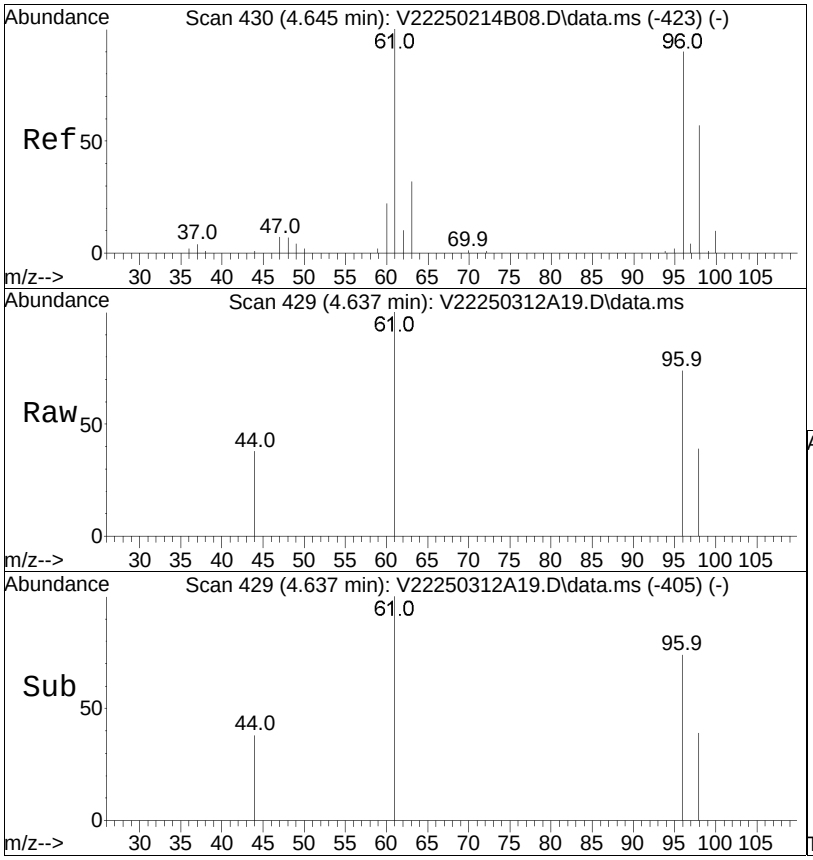


#17
Acetone
Concen: 0.73 ug/L
RT: 3.445 min Scan# 277
Delta R.T. 0.008 min
Lab File: V22250312A19.D
Acq: 12 Mar 2025 02:20 pm

Tgt Ion: 43 Resp: 418

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.1	28.7#

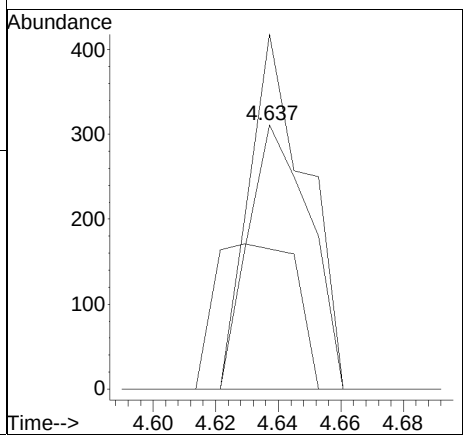


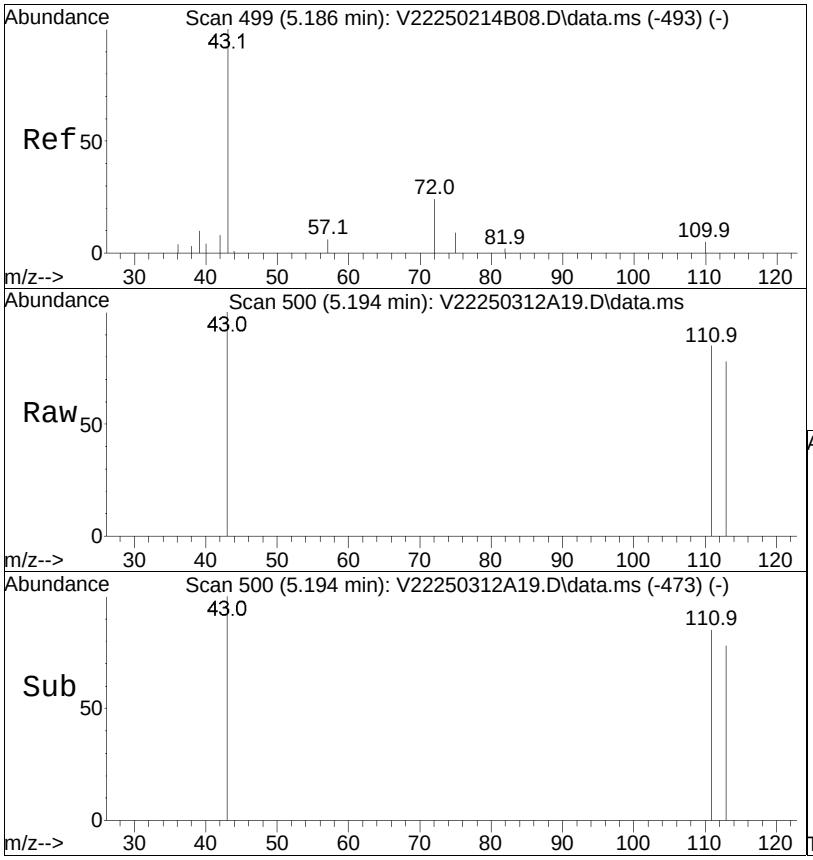


#30
cis-1,2-Dichloroethene
Concen: 0.12 ug/L
RT: 4.637 min Scan# 429
Delta R.T. -0.008 min
Lab File: V22250312A19.D
Acq: 12 Mar 2025 02:20 pm

Tgt Ion: 96 Resp: 426

Ion	Ratio	Lower	Upper
96	100		
61	124.6	94.1	141.1
98	72.8	52.1	78.1

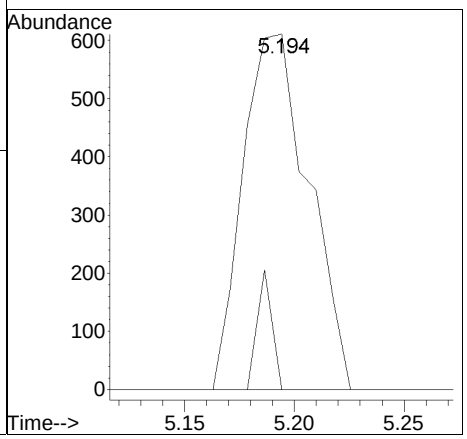




#41
2-Butanone
Concen: 1.50 ug/L
RT: 5.194 min Scan# 500
Delta R.T. 0.008 min
Lab File: V22250312A19.D
Acq: 12 Mar 2025 02:20 pm

Tgt Ion: 43 Resp: 1277

Ion	Ratio	Lower	Upper
43	100		
72	7.6	14.2	21.2#



Manual Integration Report

Data Path	: K:\VOA122\2025\250312A\	QMethod	: V122_2501214B_8260.m
Data File	: V22250312A19.D	Operator	: VOA122:JIC
Date Inj'd	: 3/12/2025 2:20 pm	Instrument	: VOA 122
Sample	: L2512368-07,31,10,10,,A	Quant Date	: 3/13/2025 7:24 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A20.D
Acq On : 12 Mar 2025 02:45 pm
Operator : VOA122:JIC
Sample : L2512368-08,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 13 07:26:11 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.884	96	253690	10.000 ug/L	0.00
Standard Area 1 = 274042			Recovery = 92.57%		
62) Chlorobenzene-d5	9.414	117	232035	10.000 ug/L	0.00
Standard Area 1 = 225349			Recovery = 102.97%		
83) 1,4-Dichlorobenzene-d4	12.146	152	120097	10.000 ug/L	0.00
Standard Area 1 = 119383			Recovery = 100.60%		
System Monitoring Compounds					
38) Dibromofluoromethane	5.076	113	87296	11.956 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 119.56%		
46) 1,2-Dichloroethane-d4	5.598	65	75524	11.616 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 116.16%		
63) Toluene-d8	7.576	98	274063	9.358 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.58%		
87) 4-Bromofluorobenzene	10.922	95	89649	9.175 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 91.75%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	0.000		0	N.D. d	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.903	76	643	0.082 ug/L #	73
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	3.452	43	474	0.839 ug/L #	51
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
21) Methyl tert-butyl ether	0.000		0	N.D.	
25) 1,1-Dichloroethane	0.000		0	N.D.	
27) Acrylonitrile	0.000		0	N.D.	
29) Vinyl acetate	0.000		0	N.D.	
30) cis-1,2-Dichloroethene	4.629	96	178	N.D.	
31) 2,2-Dichloropropane	0.000		0	N.D.	
32) Bromochloromethane	0.000		0	N.D.	
34) Chloroform	0.000		0	N.D.	

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A20.D
Acq On : 12 Mar 2025 02:45 pm
Operator : VOA122:JIC
Sample : L2512368-08,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 13 07:26:11 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
36) Carbon tetrachloride	0.000		0	N.D.			
39) 1,1,1-Trichloroethane	0.000		0	N.D.			
41) 2-Butanone	5.194	43	1537	1.846	ug/L	#	76
42) 1,1-Dichloropropene	0.000		0	N.D.			
44) Benzene	0.000		0	N.D.			
47) 1,2-Dichloroethane	0.000		0	N.D.			
51) Trichloroethene	5.961	95	358	N.D.			
53) Dibromomethane	0.000		0	N.D.			
54) 1,2-Dichloropropane	0.000		0	N.D.			
57) Bromodichloromethane	0.000		0	N.D.			
60) 1,4-Dioxane	0.000		0	N.D.			
61) cis-1,3-Dichloropropene	0.000		0	N.D.			
64) Toluene	0.000		0	N.D.			
65) 4-Methyl-2-pentanone	0.000		0	N.D.			
66) Tetrachloroethene	0.000		0	N.D.			
68) trans-1,3-Dichloropropene	0.000		0	N.D.			
71) 1,1,2-Trichloroethane	0.000		0	N.D.			
72) Chlorodibromomethane	0.000		0	N.D.			
73) 1,3-Dichloropropane	0.000		0	N.D.			
74) 1,2-Dibromoethane	0.000		0	N.D.			
76) 2-Hexanone	0.000		0	N.D.			
77) Chlorobenzene	0.000		0	N.D.			
78) Ethylbenzene	9.414	91	212	N.D.			
79) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
80) p/m Xylene	0.000		0	N.D.			
81) o Xylene	0.000		0	N.D.			
82) Styrene	0.000		0	N.D.			
84) Bromoform	0.000		0	N.D.			
86) Isopropylbenzene	10.599	105	255	N.D.			
88) Bromobenzene	0.000		0	N.D.			
89) n-Propylbenzene	10.922	91	293	N.D.			
91) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
92) 4-Ethyltoluene	0.000		0	N.D.			
93) 2-Chlorotoluene	0.000		0	N.D.			
94) 1,3,5-Trimethylbenzene	0.000		0	N.D.			
95) 1,2,3-Trichloropropane	0.000		0	N.D.			
96) trans-1,4-Dichloro-2-b...	0.000		0	N.D.			
97) 4-Chlorotoluene	0.000		0	N.D.			
98) tert-Butylbenzene	0.000		0	N.D.			

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A20.D
Acq On : 12 Mar 2025 02:45 pm
Operator : VOA122:JIC
Sample : L2512368-08,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 13 07:26:11 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
102) sec-Butylbenzene	0.000		0		N.D.	
103) p-Isopropyltoluene	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	0.000		0		N.D.	
105) 1,4-Dichlorobenzene	0.000		0		N.D.	
106) p-Diethylbenzene	0.000		0		N.D.	
107) n-Butylbenzene	0.000		0		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
109) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
112) Hexachlorobutadiene	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
114) Naphthalene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

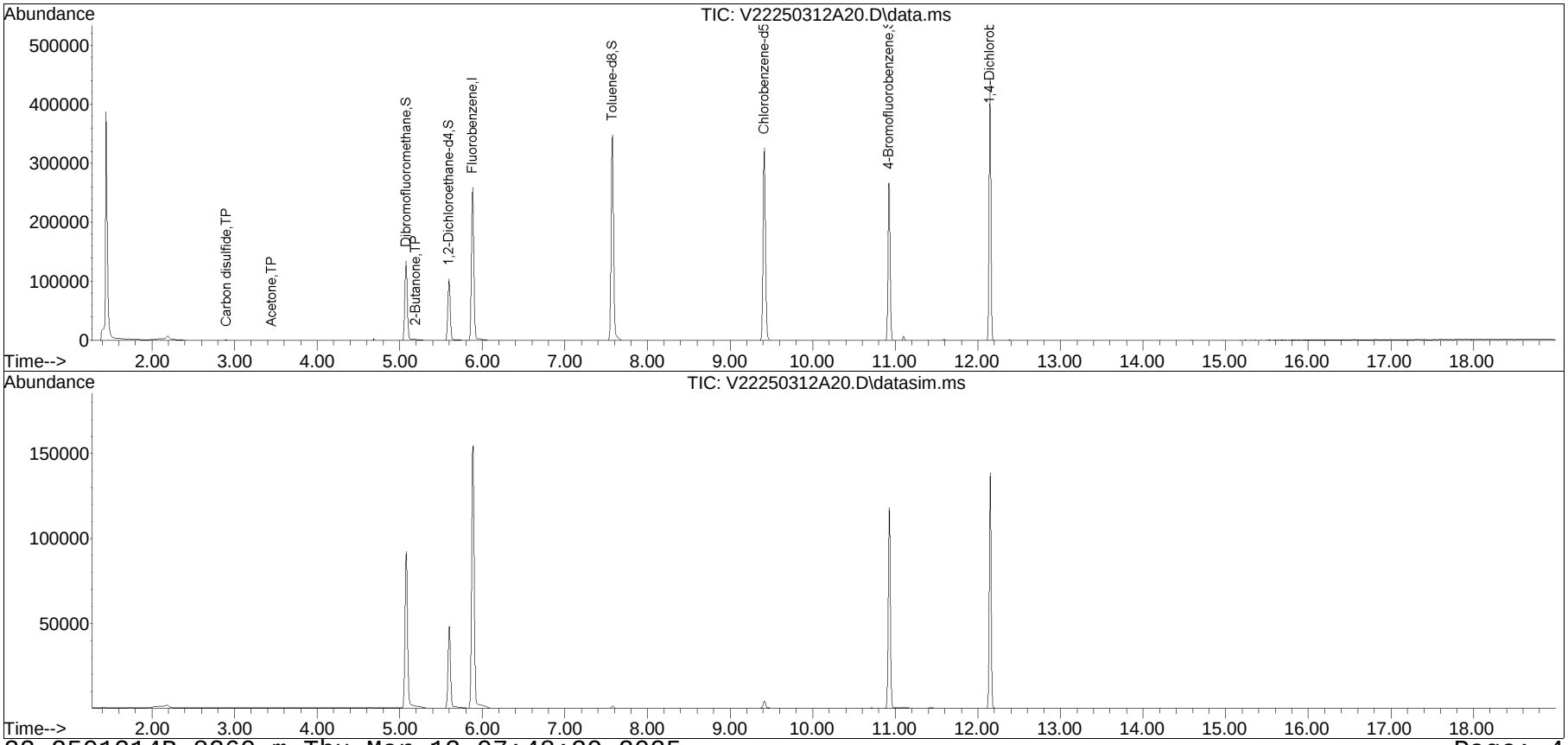
(#) = qualifier out of range (m) = manual integration (+) = signals summed

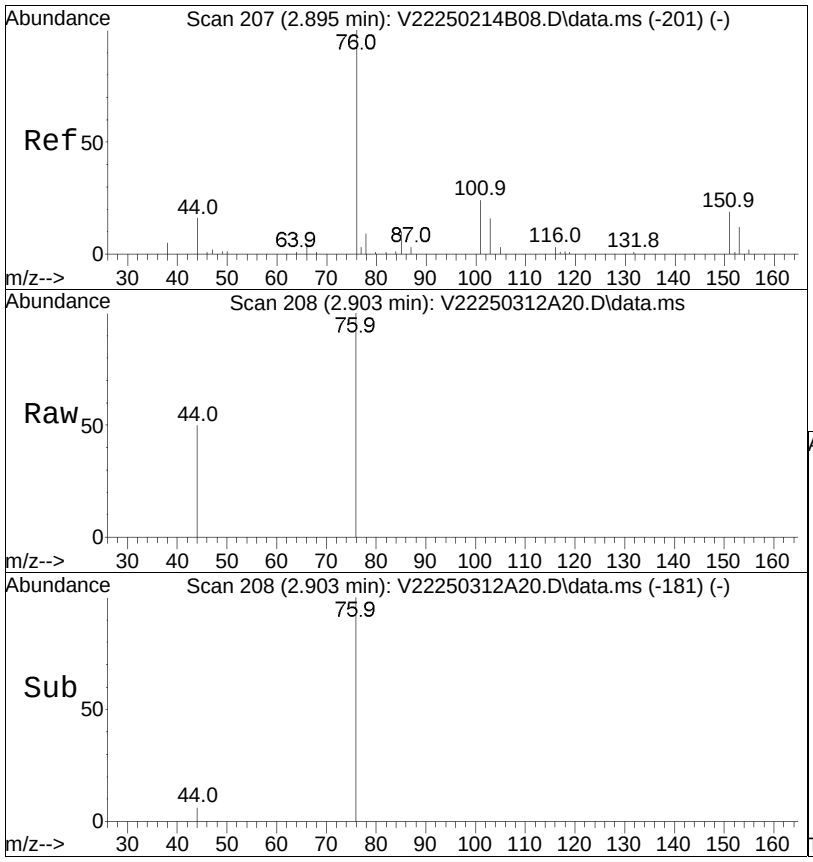
Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A20.D
Acq On : 12 Mar 2025 02:45 pm
Operator : VOA122:JIC
Sample : L2512368-08,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 13 07:26:11 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250312A04.D•

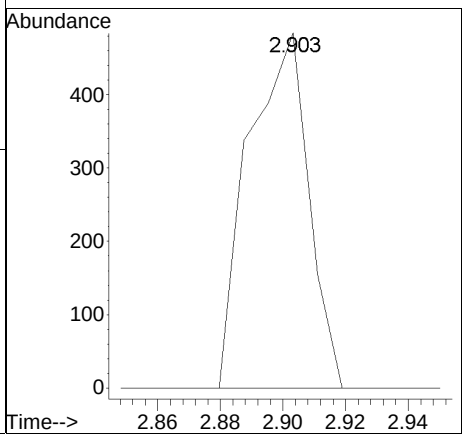


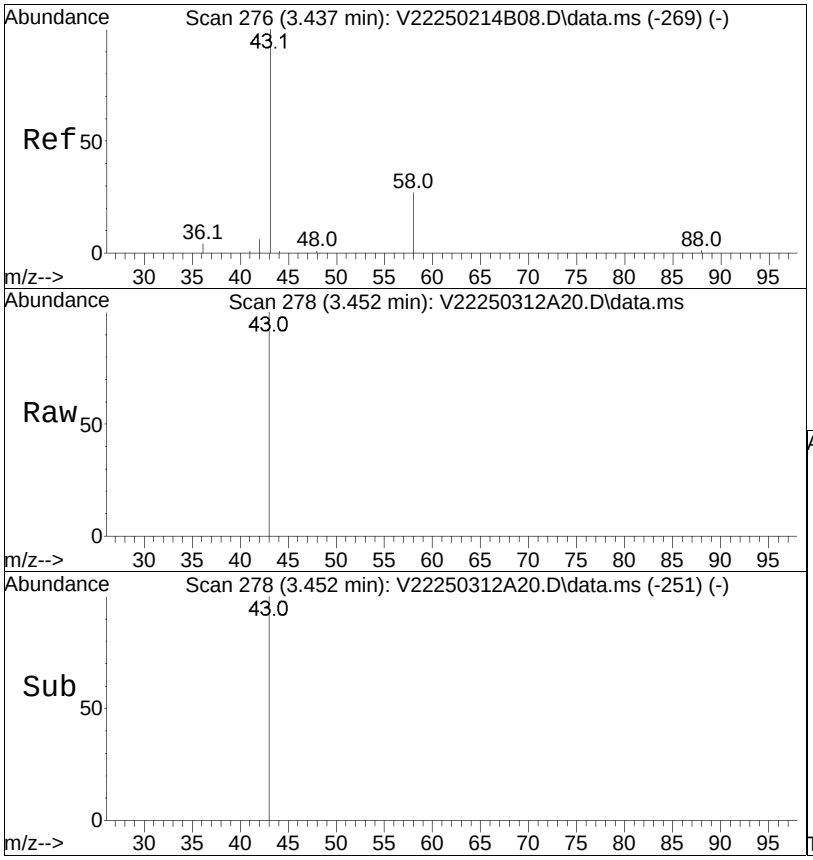


#11
Carbon disulfide
Concen: 0.08 ug/L
RT: 2.903 min Scan# 208
Delta R.T. 0.008 min
Lab File: V22250312A20.D
Acq: 12 Mar 2025 02:45 pm

Tgt Ion: 76 Resp: 643

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.4	13.2#

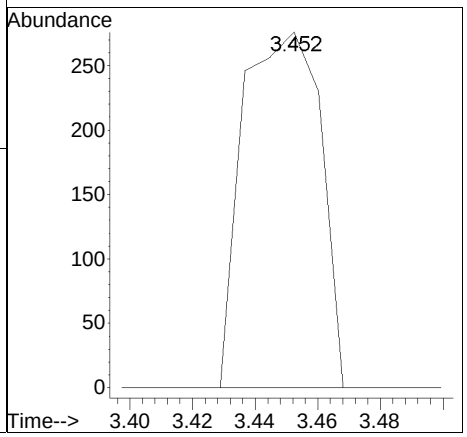


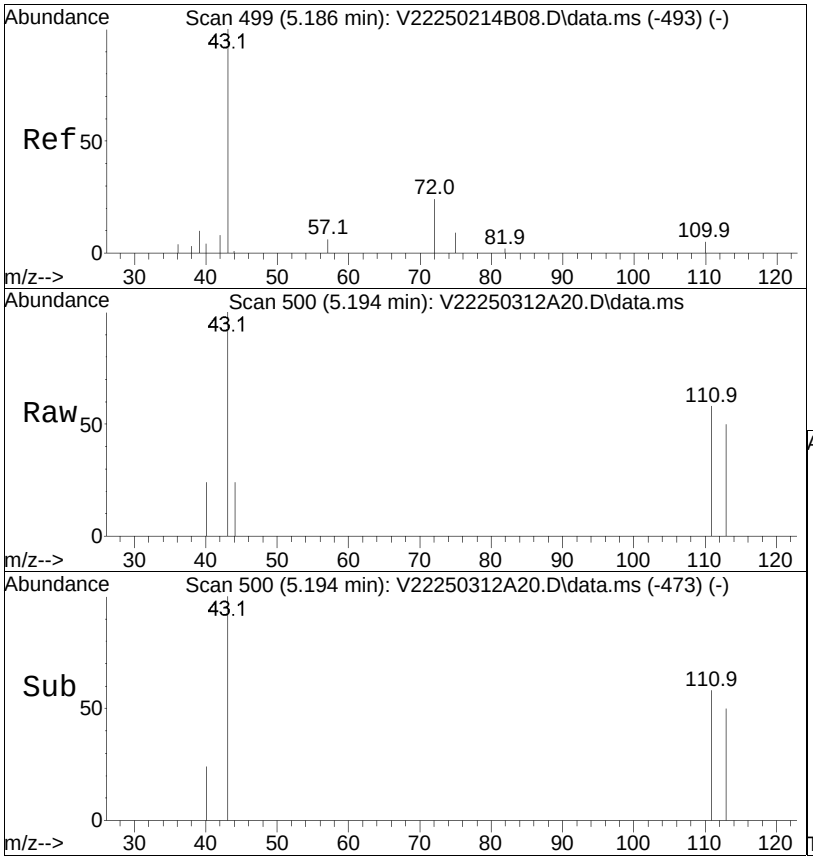


#17
Acetone
Concen: 0.84 ug/L
RT: 3.452 min Scan# 278
Delta R.T. 0.015 min
Lab File: V22250312A20.D
Acq: 12 Mar 2025 02:45 pm

Tgt Ion: 43 Resp: 474

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.1	28.7#

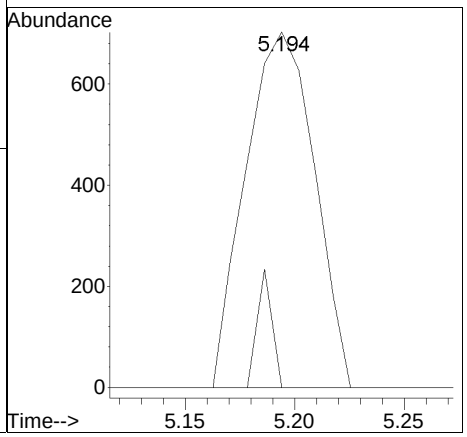




#41
2-Butanone
Concen: 1.85 ug/L
RT: 5.194 min Scan# 500
Delta R.T. 0.008 min
Lab File: V22250312A20.D
Acq: 12 Mar 2025 02:45 pm

Tgt Ion: 43 Resp: 1537

Ion	Ratio	Lower	Upper
43	100		
72	7.2	14.2	21.2#



Manual Integration Report

Data Path	: K:\VOA122\2025\250312A\	QMethod	: V122_2501214B_8260.m
Data File	: V22250312A20.D	Operator	: VOA122:JIC
Date Inj'd	: 3/12/2025 2:45 pm	Instrument	: VOA 122
Sample	: L2512368-08,31,10,10,,A	Quant Date	: 3/13/2025 7:24 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A21.D
Acq On : 12 Mar 2025 03:10 pm
Operator : VOA122:JIC
Sample : L2512368-09,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 13 07:26:20 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.884	96	251257	10.000 ug/L	0.00
Standard Area 1 = 274042			Recovery = 91.69%		
62) Chlorobenzene-d5	9.414	117	231136	10.000 ug/L	0.00
Standard Area 1 = 225349			Recovery = 102.57%		
83) 1,4-Dichlorobenzene-d4	12.146	152	119415	10.000 ug/L	0.00
Standard Area 1 = 119383			Recovery = 100.03%		
System Monitoring Compounds					
38) Dibromofluoromethane	5.076	113	87498	12.100 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 121.00%		
46) 1,2-Dichloroethane-d4	5.598	65	75781	11.768 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 117.68%		
63) Toluene-d8	7.576	98	274848	9.421 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.21%		
87) 4-Bromofluorobenzene	10.922	95	88679	9.127 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 91.27%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	0.000		0	N.D. d	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	0.000		0	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	3.437	43	825	1.474 ug/L #	51
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
21) Methyl tert-butyl ether	0.000		0	N.D.	
25) 1,1-Dichloroethane	0.000		0	N.D.	
27) Acrylonitrile	0.000		0	N.D.	
29) Vinyl acetate	0.000		0	N.D.	
30) cis-1,2-Dichloroethene	4.645	96	156	N.D.	
31) 2,2-Dichloropropane	0.000		0	N.D.	
32) Bromochloromethane	0.000		0	N.D.	
34) Chloroform	0.000		0	N.D.	

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A21.D
Acq On : 12 Mar 2025 03:10 pm
Operator : VOA122:JIC
Sample : L2512368-09,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 13 07:26:20 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
36) Carbon tetrachloride	0.000		0	N.D.			
39) 1,1,1-Trichloroethane	0.000		0	N.D.			
41) 2-Butanone	5.186	43	1460	1.770	ug/L	#	71
42) 1,1-Dichloropropene	0.000		0	N.D.			
44) Benzene	0.000		0	N.D.			
47) 1,2-Dichloroethane	0.000		0	N.D.			
51) Trichloroethene	0.000		0	N.D.			
53) Dibromomethane	0.000		0	N.D.			
54) 1,2-Dichloropropane	0.000		0	N.D.			
57) Bromodichloromethane	0.000		0	N.D.			
60) 1,4-Dioxane	0.000		0	N.D.			
61) cis-1,3-Dichloropropene	0.000		0	N.D.			
64) Toluene	0.000		0	N.D.			
65) 4-Methyl-2-pentanone	0.000		0	N.D.			
66) Tetrachloroethene	0.000		0	N.D.			
68) trans-1,3-Dichloropropene	0.000		0	N.D.			
71) 1,1,2-Trichloroethane	0.000		0	N.D.			
72) Chlorodibromomethane	0.000		0	N.D.			
73) 1,3-Dichloropropane	0.000		0	N.D.			
74) 1,2-Dibromoethane	0.000		0	N.D.			
76) 2-Hexanone	0.000		0	N.D.			
77) Chlorobenzene	0.000		0	N.D.			
78) Ethylbenzene	9.407	91	281	N.D.			
79) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
80) p/m Xylene	0.000		0	N.D.			
81) o Xylene	0.000		0	N.D.			
82) Styrene	0.000		0	N.D.			
84) Bromoform	0.000		0	N.D.			
86) Isopropylbenzene	0.000		0	N.D.			
88) Bromobenzene	0.000		0	N.D.			
89) n-Propylbenzene	10.929	91	345	N.D.			
91) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
92) 4-Ethyltoluene	0.000		0	N.D.			
93) 2-Chlorotoluene	0.000		0	N.D.			
94) 1,3,5-Trimethylbenzene	0.000		0	N.D.			
95) 1,2,3-Trichloropropane	0.000		0	N.D.			
96) trans-1,4-Dichloro-2-b...	0.000		0	N.D.			
97) 4-Chlorotoluene	0.000		0	N.D.			
98) tert-Butylbenzene	0.000		0	N.D.			

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A21.D
Acq On : 12 Mar 2025 03:10 pm
Operator : VOA122:JIC
Sample : L2512368-09,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 13 07:26:20 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
102) sec-Butylbenzene	0.000		0		N.D.	
103) p-Isopropyltoluene	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	0.000		0		N.D.	
105) 1,4-Dichlorobenzene	0.000		0		N.D.	
106) p-Diethylbenzene	0.000		0		N.D.	
107) n-Butylbenzene	0.000		0		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
109) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
112) Hexachlorobutadiene	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
114) Naphthalene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

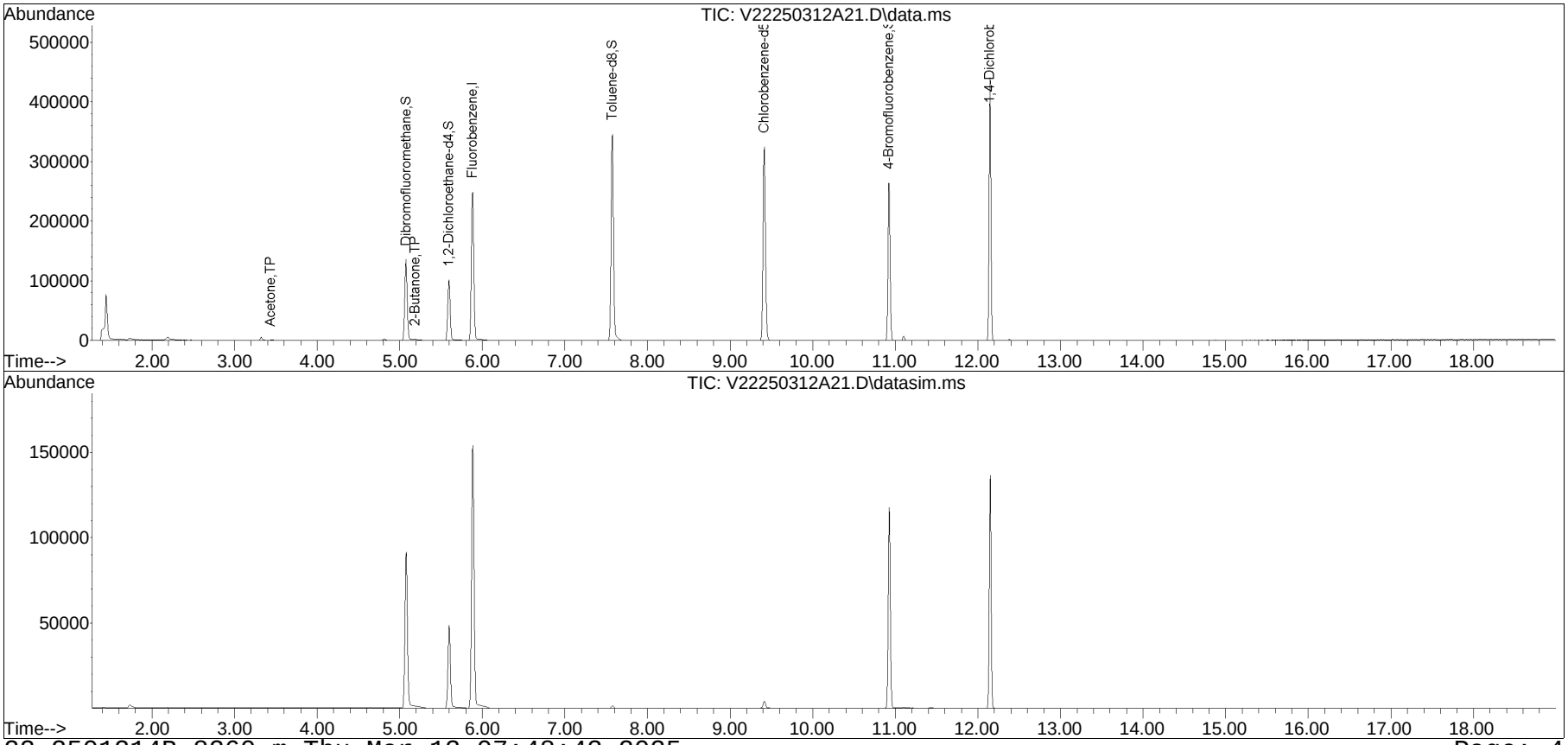
(#) = qualifier out of range (m) = manual integration (+) = signals summed

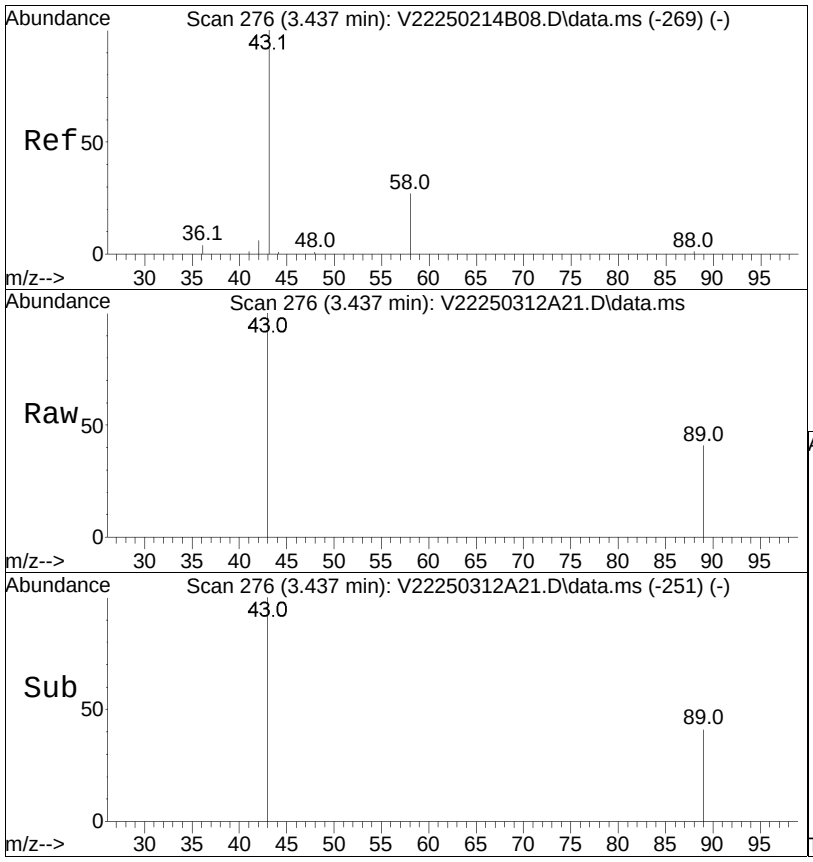
Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A21.D
Acq On : 12 Mar 2025 03:10 pm
Operator : VOA122:JIC
Sample : L2512368-09,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 13 07:26:20 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250312A04.D•

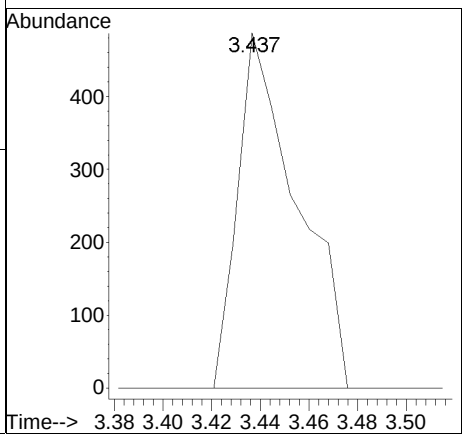


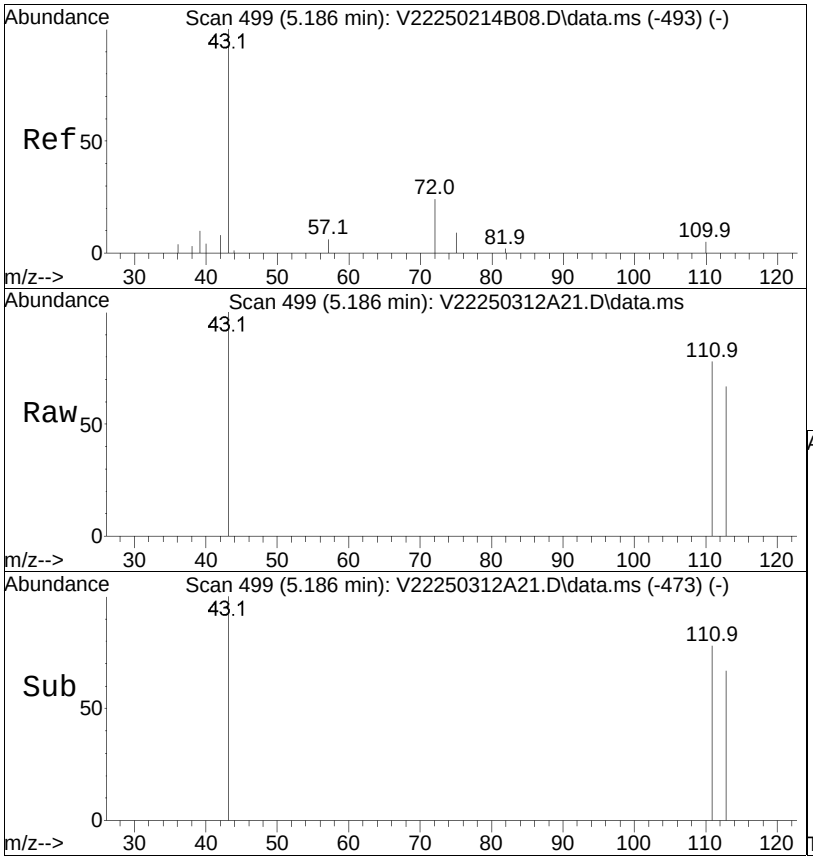


#17
Acetone
Concen: 1.47 ug/L
RT: 3.437 min Scan# 276
Delta R.T. -0.000 min
Lab File: V22250312A21.D
Acq: 12 Mar 2025 03:10 pm

Tgt Ion: 43 Resp: 825

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.1	28.7#

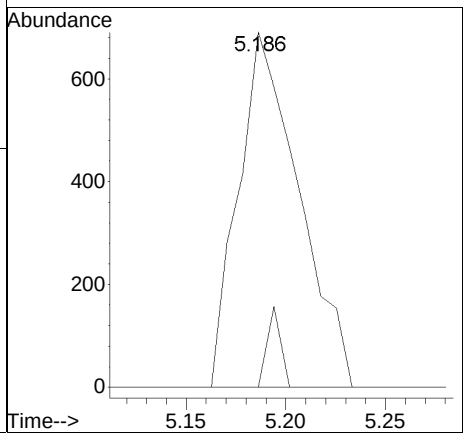




#41
2-Butanone
Concen: 1.77 ug/L
RT: 5.186 min Scan# 499
Delta R.T. 0.000 min
Lab File: V22250312A21.D
Acq: 12 Mar 2025 03:10 pm

Tgt Ion: 43 Resp: 1460

Ion	Ratio	Lower	Upper
43	100		
72	5.1	14.2	21.2#



Manual Integration Report

Data Path	: K:\VOA122\2025\250312A\	QMethod	: V122_2501214B_8260.m
Data File	: V22250312A21.D	Operator	: VOA122:JIC
Date Inj'd	: 3/12/2025 3:10 pm	Instrument	: VOA 122
Sample	: L2512368-09,31,10,10,,A	Quant Date	: 3/13/2025 7:25 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A22.D
Acq On : 12 Mar 2025 03:35 pm
Operator : VOA122:JIC
Sample : L2512368-11,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 13 07:26:35 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.884	96	259069	10.000 ug/L	0.00
Standard Area 1 = 274042			Recovery = 94.54%		
62) Chlorobenzene-d5	9.414	117	228698	10.000 ug/L	0.00
Standard Area 1 = 225349			Recovery = 101.49%		
83) 1,4-Dichlorobenzene-d4	12.146	152	118177	10.000 ug/L	0.00
Standard Area 1 = 119383			Recovery = 98.99%		
System Monitoring Compounds					
38) Dibromofluoromethane	5.076	113	86171	11.557 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 115.57%		
46) 1,2-Dichloroethane-d4	5.598	65	75960	11.441 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 114.41%		
63) Toluene-d8	7.576	98	275048	9.529 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.29%		
87) 4-Bromofluorobenzene	10.922	95	87799	9.131 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 91.31%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	0.000		0	N.D. d	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.895	76	351	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	3.437	43	349	0.605 ug/L #	51
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
21) Methyl tert-butyl ether	0.000		0	N.D.	
25) 1,1-Dichloroethane	0.000		0	N.D.	
27) Acrylonitrile	0.000		0	N.D.	
29) Vinyl acetate	0.000		0	N.D.	
30) cis-1,2-Dichloroethene	4.637	96	87	N.D.	
31) 2,2-Dichloropropane	0.000		0	N.D.	
32) Bromochloromethane	0.000		0	N.D.	
34) Chloroform	0.000		0	N.D.	

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A22.D
Acq On : 12 Mar 2025 03:35 pm
Operator : VOA122:JIC
Sample : L2512368-11,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 13 07:26:35 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
36) Carbon tetrachloride	0.000		0	N.D.			
39) 1,1,1-Trichloroethane	0.000		0	N.D.			
41) 2-Butanone	5.194	43	1452	1.708	ug/L	#	60
42) 1,1-Dichloropropene	0.000		0	N.D.			
44) Benzene	0.000		0	N.D.			
47) 1,2-Dichloroethane	0.000		0	N.D.			
51) Trichloroethene	0.000		0	N.D.			
53) Dibromomethane	0.000		0	N.D.			
54) 1,2-Dichloropropane	0.000		0	N.D.			
57) Bromodichloromethane	0.000		0	N.D.			
60) 1,4-Dioxane	0.000		0	N.D.			
61) cis-1,3-Dichloropropene	0.000		0	N.D.			
64) Toluene	7.638	92	63	N.D.			
65) 4-Methyl-2-pentanone	0.000		0	N.D.			
66) Tetrachloroethene	0.000		0	N.D.			
68) trans-1,3-Dichloropropene	0.000		0	N.D.			
71) 1,1,2-Trichloroethane	0.000		0	N.D.			
72) Chlorodibromomethane	0.000		0	N.D.			
73) 1,3-Dichloropropane	0.000		0	N.D.			
74) 1,2-Dibromoethane	0.000		0	N.D.			
76) 2-Hexanone	0.000		0	N.D.			
77) Chlorobenzene	0.000		0	N.D.			
78) Ethylbenzene	9.407	91	242	N.D.			
79) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
80) p/m Xylene	0.000		0	N.D.			
81) o Xylene	0.000		0	N.D.			
82) Styrene	0.000		0	N.D.			
84) Bromoform	0.000		0	N.D.			
86) Isopropylbenzene	0.000		0	N.D.			
88) Bromobenzene	0.000		0	N.D.			
89) n-Propylbenzene	10.929	91	364	N.D.			
91) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
92) 4-Ethyltoluene	0.000		0	N.D.			
93) 2-Chlorotoluene	0.000		0	N.D.			
94) 1,3,5-Trimethylbenzene	0.000		0	N.D.			
95) 1,2,3-Trichloropropane	0.000		0	N.D.			
96) trans-1,4-Dichloro-2-b...	0.000		0	N.D.			
97) 4-Chlorotoluene	0.000		0	N.D.			
98) tert-Butylbenzene	0.000		0	N.D.			

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A22.D
Acq On : 12 Mar 2025 03:35 pm
Operator : VOA122:JIC
Sample : L2512368-11,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 13 07:26:35 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
102) sec-Butylbenzene	0.000		0		N.D.	
103) p-Isopropyltoluene	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	0.000		0		N.D.	
105) 1,4-Dichlorobenzene	0.000		0		N.D.	
106) p-Diethylbenzene	0.000		0		N.D.	
107) n-Butylbenzene	0.000		0		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
109) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
112) Hexachlorobutadiene	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
114) Naphthalene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

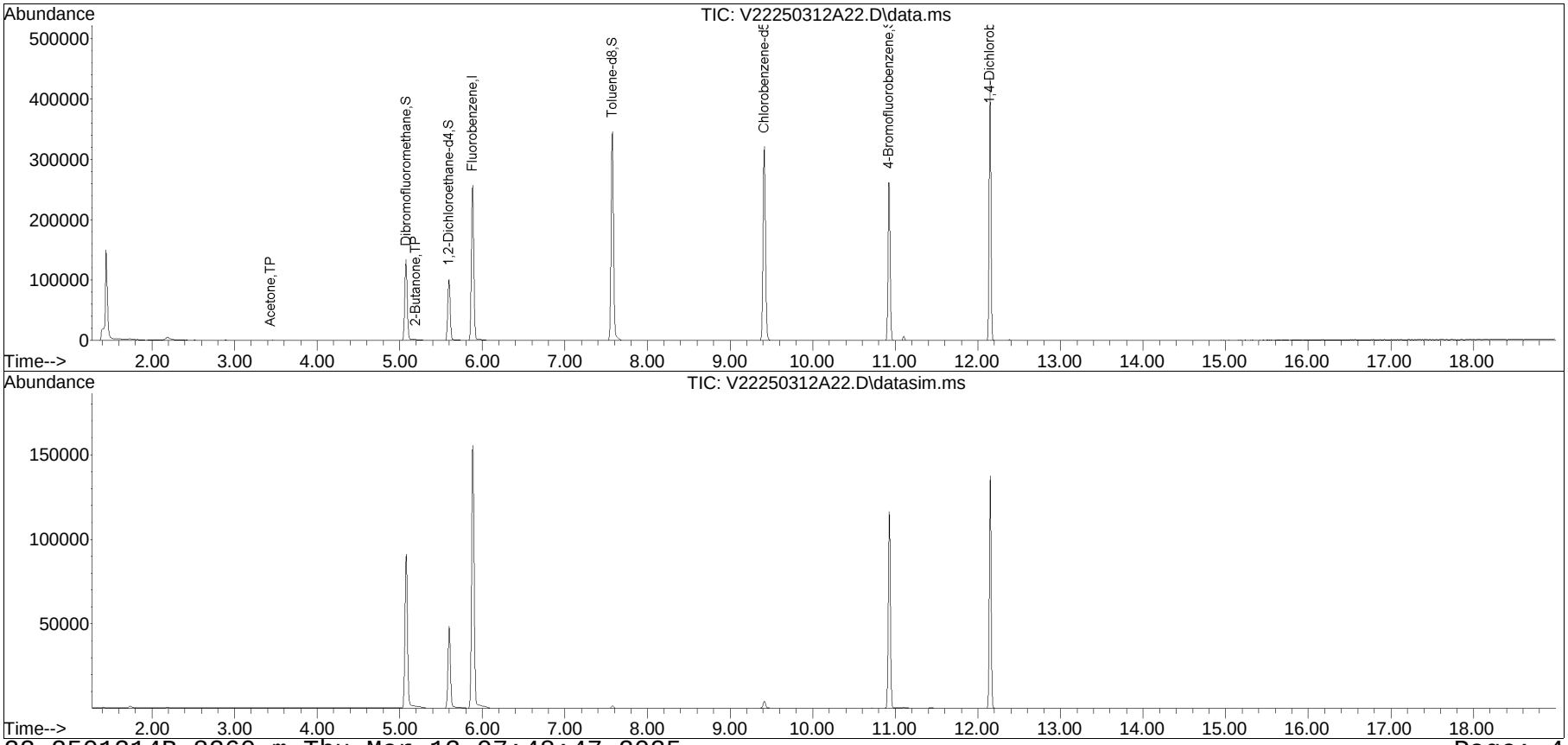
(#) = qualifier out of range (m) = manual integration (+) = signals summed

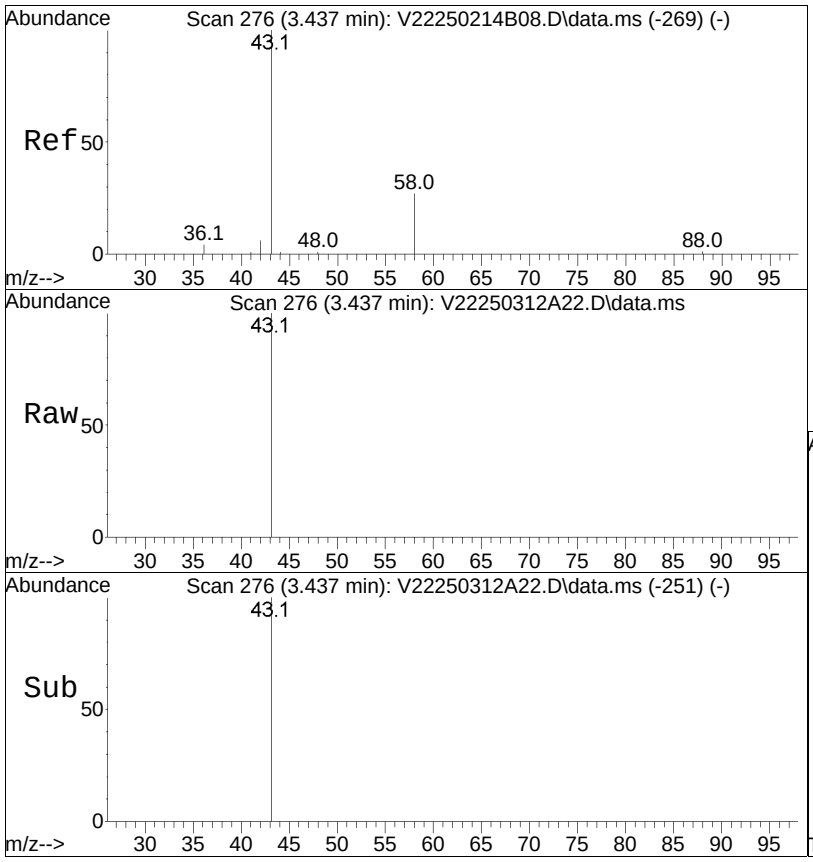
Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A22.D
Acq On : 12 Mar 2025 03:35 pm
Operator : VOA122:JIC
Sample : L2512368-11,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 13 07:26:35 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250312A04.D•

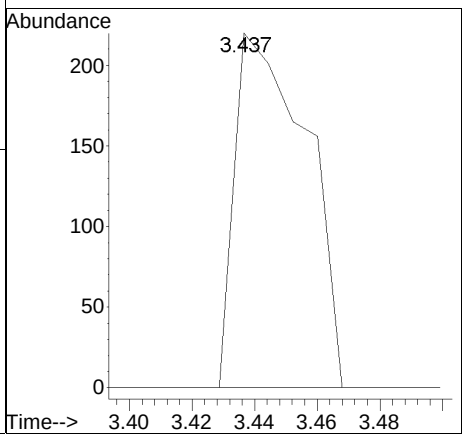


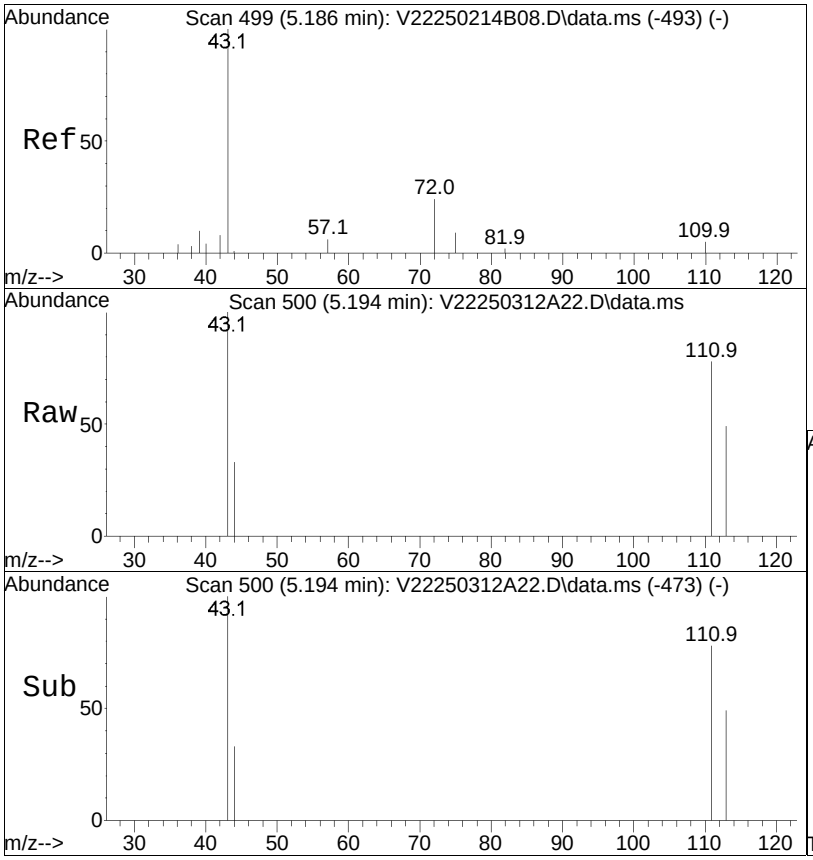


#17
Acetone
Concen: 0.60 ug/L
RT: 3.437 min Scan# 276
Delta R.T. -0.000 min
Lab File: V22250312A22.D
Acq: 12 Mar 2025 03:35 pm

Tgt Ion: 43 Resp: 349

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.1	28.7#

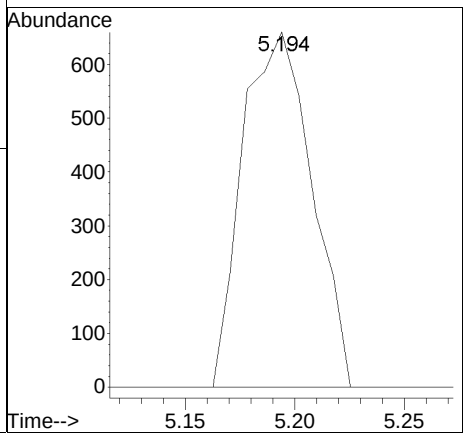




#41
2-Butanone
Concen: 1.71 ug/L
RT: 5.194 min Scan# 500
Delta R.T. 0.008 min
Lab File: V22250312A22.D
Acq: 12 Mar 2025 03:35 pm

Tgt Ion: 43 Resp: 1452

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.2#



Manual Integration Report

Data Path	: K:\VOA122\2025\250312A\	QMethod	: V122_2501214B_8260.m
Data File	: V22250312A22.D	Operator	: VOA122:JIC
Date Inj'd	: 3/12/2025 3:35 pm	Instrument	: VOA 122
Sample	: L2512368-11,31,10,10,,A	Quant Date	: 3/13/2025 6:14 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A23.D
Acq On : 12 Mar 2025 04:00 pm
Operator : VOA122:JIC
Sample : L2512368-12,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 13 07:44:31 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.884	96	254208	10.000	ug/L	0.00
Standard Area 1 = 274042			Recovery = 92.76%			
62) Chlorobenzene-d5	9.414	117	223770	10.000	ug/L	0.00
Standard Area 1 = 225349			Recovery = 99.30%			
83) 1,4-Dichlorobenzene-d4	12.146	152	118339	10.000	ug/L	0.00
Standard Area 1 = 119383			Recovery = 99.13%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.076	113	83980	11.479	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 114.79%			
46) 1,2-Dichloroethane-d4	5.598	65	73549	11.289	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 112.89%			
63) Toluene-d8	7.576	98	267620	9.476	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.76%			
87) 4-Bromofluorobenzene	10.922	95	86335	8.967	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 89.67%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.437	43	623	1.100	ug/L #	51
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
27) Acrylonitrile	0.000		0	N.D.		
29) Vinyl acetate	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	0.000		0	N.D.		
31) 2,2-Dichloropropane	0.000		0	N.D.		
32) Bromochloromethane	0.000		0	N.D.		
34) Chloroform	0.000		0	N.D.		

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A23.D
Acq On : 12 Mar 2025 04:00 pm
Operator : VOA122:JIC
Sample : L2512368-12,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 13 07:44:31 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Carbon tetrachloride	0.000		0	N.D.		
39) 1,1,1-Trichloroethane	0.000		0	N.D.		
41) 2-Butanone	5.186	43	1288	1.544	ug/L #	76
42) 1,1-Dichloropropene	0.000		0	N.D.		
44) Benzene	0.000		0	N.D.		
47) 1,2-Dichloroethane	0.000		0	N.D.		
51) Trichloroethene	0.000		0	N.D.		
53) Dibromomethane	0.000		0	N.D.		
54) 1,2-Dichloropropane	0.000		0	N.D.		
57) Bromodichloromethane	0.000		0	N.D.		
60) 1,4-Dioxane	0.000		0	N.D.		
61) cis-1,3-Dichloropropene	0.000		0	N.D.		
64) Toluene	0.000		0	N.D.		
65) 4-Methyl-2-pentanone	0.000		0	N.D.		
66) Tetrachloroethene	0.000		0	N.D.		
68) trans-1,3-Dichloropropene	0.000		0	N.D.		
71) 1,1,2-Trichloroethane	0.000		0	N.D.		
72) Chlorodibromomethane	0.000		0	N.D.		
73) 1,3-Dichloropropane	0.000		0	N.D.		
74) 1,2-Dibromoethane	0.000		0	N.D.		
76) 2-Hexanone	0.000		0	N.D.		
77) Chlorobenzene	0.000		0	N.D.		
78) Ethylbenzene	9.421	91	239	N.D.		
79) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
80) p/m Xylene	0.000		0	N.D.		
81) o Xylene	0.000		0	N.D.		
82) Styrene	0.000		0	N.D.		
84) Bromoform	0.000		0	N.D.		
86) Isopropylbenzene	0.000		0	N.D.		
88) Bromobenzene	0.000		0	N.D.		
89) n-Propylbenzene	10.922	91	201	N.D.		
91) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
92) 4-Ethyltoluene	0.000		0	N.D.		
93) 2-Chlorotoluene	0.000		0	N.D.		
94) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
95) 1,2,3-Trichloropropane	0.000		0	N.D.		
96) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
97) 4-Chlorotoluene	0.000		0	N.D.		
98) tert-Butylbenzene	0.000		0	N.D.		

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A23.D
Acq On : 12 Mar 2025 04:00 pm
Operator : VOA122:JIC
Sample : L2512368-12,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 13 07:44:31 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
102) sec-Butylbenzene	0.000		0		N.D.	
103) p-Isopropyltoluene	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	0.000		0		N.D.	
105) 1,4-Dichlorobenzene	0.000		0		N.D.	
106) p-Diethylbenzene	0.000		0		N.D.	
107) n-Butylbenzene	0.000		0		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
109) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
112) Hexachlorobutadiene	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
114) Naphthalene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

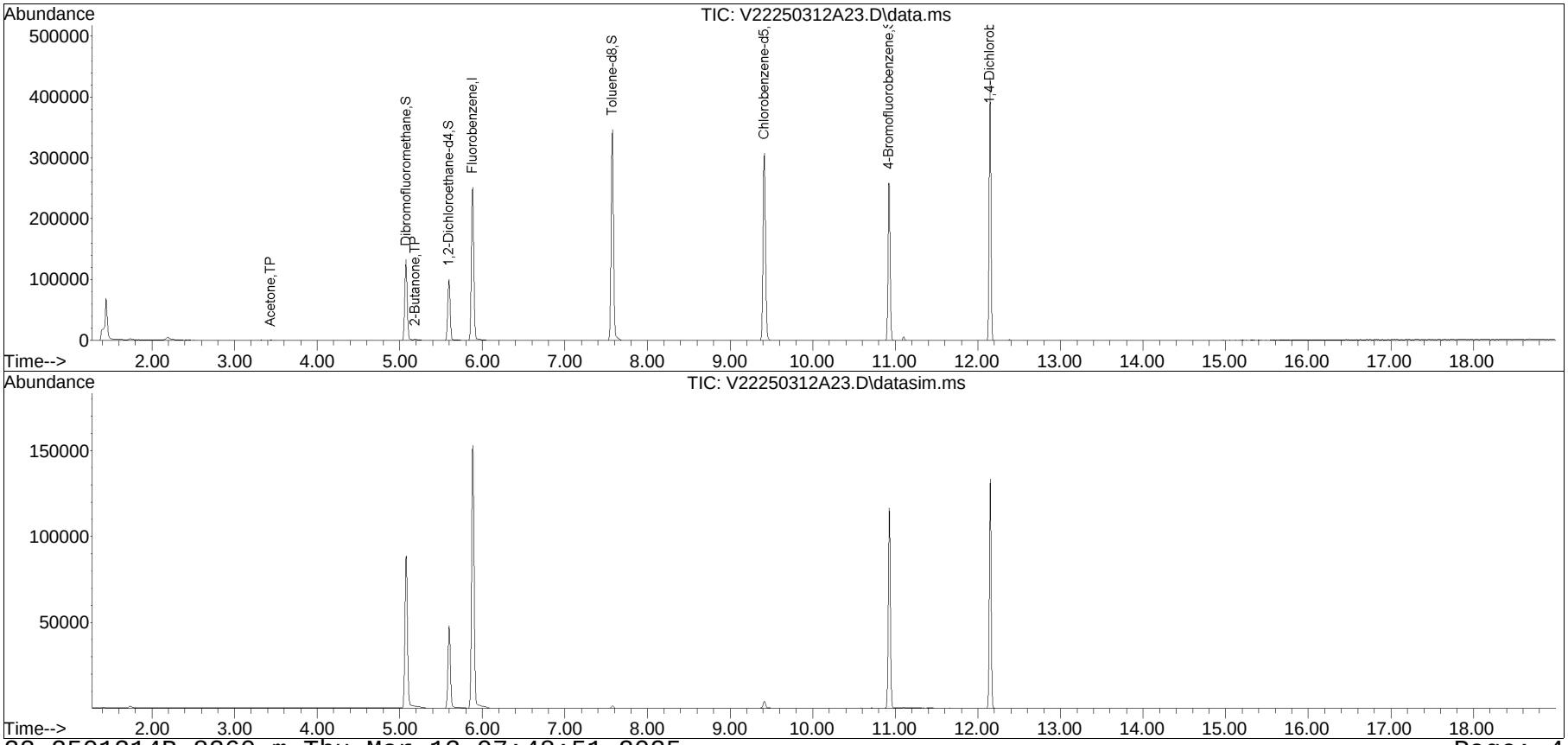
(#) = qualifier out of range (m) = manual integration (+) = signals summed

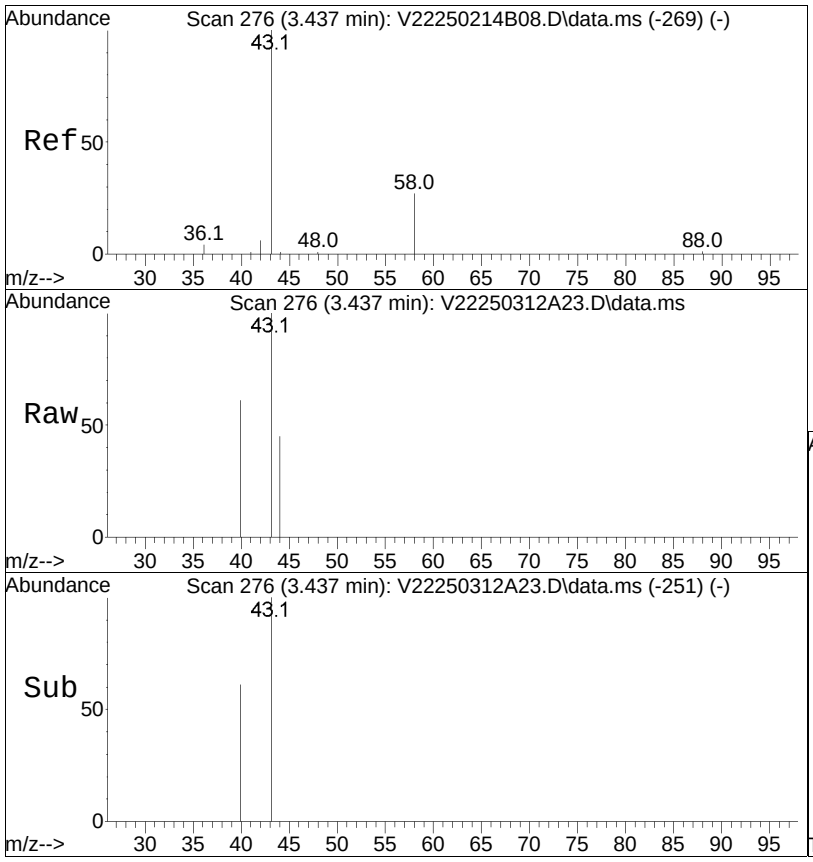
Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A23.D
Acq On : 12 Mar 2025 04:00 pm
Operator : VOA122:JIC
Sample : L2512368-12,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 13 07:44:31 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250312A04.D•

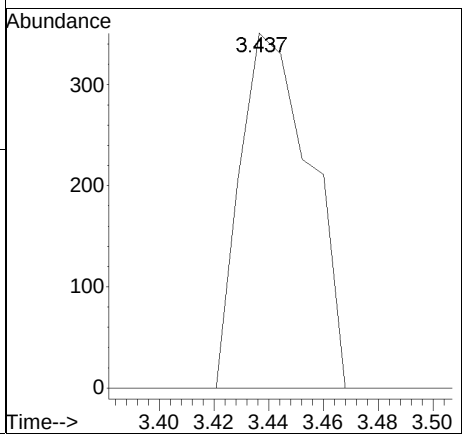


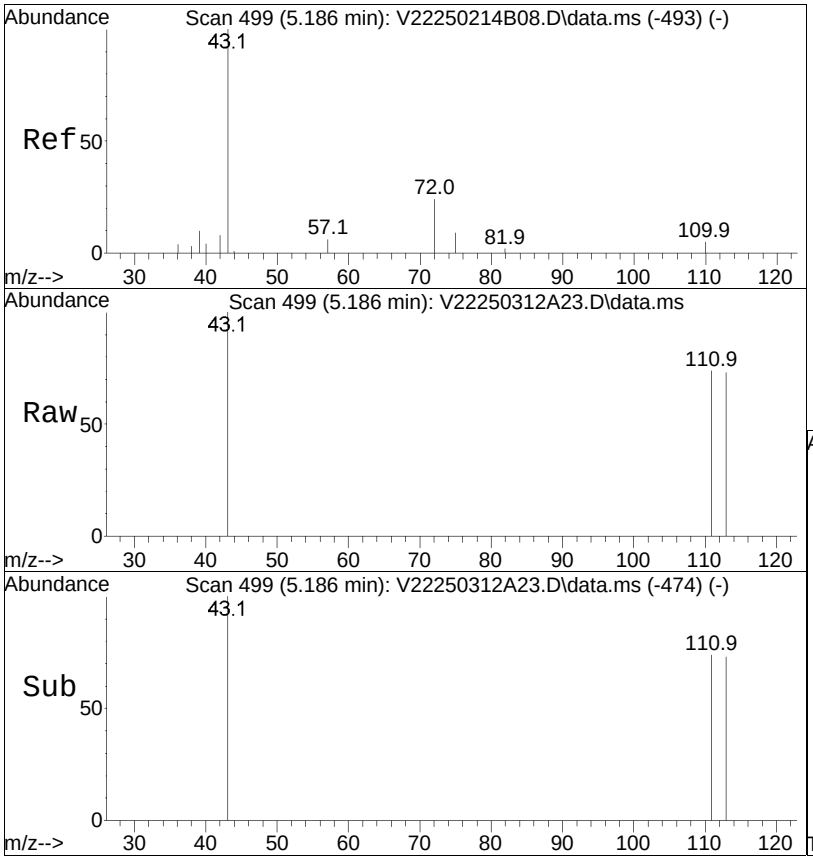


#17
Acetone
Concen: 1.10 ug/L
RT: 3.437 min Scan# 276
Delta R.T. -0.000 min
Lab File: V22250312A23.D
Acq: 12 Mar 2025 04:00 pm

Tgt Ion: 43 Resp: 623

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.1	28.7#

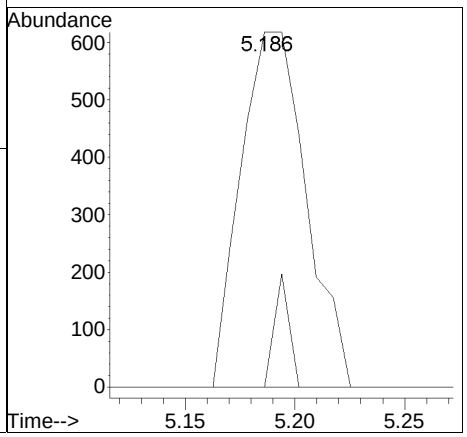




#41
2-Butanone
Concen: 1.54 ug/L
RT: 5.186 min Scan# 499
Delta R.T. 0.000 min
Lab File: V22250312A23.D
Acq: 12 Mar 2025 04:00 pm

Tgt Ion: 43 Resp: 1288

Ion	Ratio	Lower	Upper
43	100		
72	7.2	14.2	21.2#



Manual Integration Report

Data Path	: K:\VOA122\2025\250312A\	QMethod	: V122_2501214B_8260.m
Data File	: V22250312A23.D	Operator	: VOA122:JIC
Date Inj'd	: 3/12/2025 4:00 pm	Instrument	: VOA 122
Sample	: L2512368-12,31,10,10,,A	Quant Date	: 3/13/2025 6:14 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A24.D
Acq On : 12 Mar 2025 04:25 pm
Operator : VOA122:JIC
Sample : L2512368-13,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 13 07:44:43 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.884	96	247898	10.000	ug/L	0.00
Standard Area 1 = 274042			Recovery = 90.46%			
62) Chlorobenzene-d5	9.414	117	224652	10.000	ug/L	0.00
Standard Area 1 = 225349			Recovery = 99.69%			
83) 1,4-Dichlorobenzene-d4	12.146	152	116842	10.000	ug/L	0.00
Standard Area 1 = 119383			Recovery = 97.87%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.076	113	86369	12.106	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 121.06%			
46) 1,2-Dichloroethane-d4	5.598	65	74200	11.679	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 116.79%			
63) Toluene-d8	7.576	98	268745	9.478	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.78%			
87) 4-Bromofluorobenzene	10.922	95	87142	9.167	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 91.67%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.405	85	75	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
27) Acrylonitrile	0.000		0	N.D.		
29) Vinyl acetate	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	0.000		0	N.D.		
31) 2,2-Dichloropropane	0.000		0	N.D.		
32) Bromochloromethane	0.000		0	N.D.		
34) Chloroform	4.896	83	1860	0.346	ug/L #	92

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A24.D
Acq On : 12 Mar 2025 04:25 pm
Operator : VOA122:JIC
Sample : L2512368-13,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 13 07:44:43 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Carbon tetrachloride	0.000		0	N.D.		
39) 1,1,1-Trichloroethane	0.000		0	N.D.		
41) 2-Butanone	5.186	43	1377	1.692	ug/L #	75
42) 1,1-Dichloropropene	0.000		0	N.D.		
44) Benzene	0.000		0	N.D.		
47) 1,2-Dichloroethane	0.000		0	N.D.		
51) Trichloroethene	0.000		0	N.D.		
53) Dibromomethane	0.000		0	N.D.		
54) 1,2-Dichloropropane	0.000		0	N.D.		
57) Bromodichloromethane	0.000		0	N.D.		
60) 1,4-Dioxane	0.000		0	N.D.		
61) cis-1,3-Dichloropropene	0.000		0	N.D.		
64) Toluene	0.000		0	N.D.		
65) 4-Methyl-2-pentanone	0.000		0	N.D.		
66) Tetrachloroethene	0.000		0	N.D.		
68) trans-1,3-Dichloropropene	0.000		0	N.D.		
71) 1,1,2-Trichloroethane	0.000		0	N.D.		
72) Chlorodibromomethane	0.000		0	N.D.		
73) 1,3-Dichloropropane	0.000		0	N.D.		
74) 1,2-Dibromoethane	0.000		0	N.D.		
76) 2-Hexanone	0.000		0	N.D.		
77) Chlorobenzene	0.000		0	N.D.		
78) Ethylbenzene	9.414	91	174	N.D.		
79) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
80) p/m Xylene	0.000		0	N.D.		
81) o Xylene	0.000		0	N.D.		
82) Styrene	0.000		0	N.D.		
84) Bromoform	0.000		0	N.D.		
86) Isopropylbenzene	0.000		0	N.D.		
88) Bromobenzene	0.000		0	N.D.		
89) n-Propylbenzene	10.929	91	229	N.D.		
91) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
92) 4-Ethyltoluene	0.000		0	N.D.		
93) 2-Chlorotoluene	0.000		0	N.D.		
94) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
95) 1,2,3-Trichloropropane	0.000		0	N.D.		
96) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
97) 4-Chlorotoluene	0.000		0	N.D.		
98) tert-Butylbenzene	0.000		0	N.D.		

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A24.D
Acq On : 12 Mar 2025 04:25 pm
Operator : VOA122:JIC
Sample : L2512368-13,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 13 07:44:43 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
102) sec-Butylbenzene	0.000		0		N.D.	
103) p-Isopropyltoluene	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	0.000		0		N.D.	
105) 1,4-Dichlorobenzene	0.000		0		N.D.	
106) p-Diethylbenzene	0.000		0		N.D.	
107) n-Butylbenzene	0.000		0		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
109) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
112) Hexachlorobutadiene	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
114) Naphthalene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

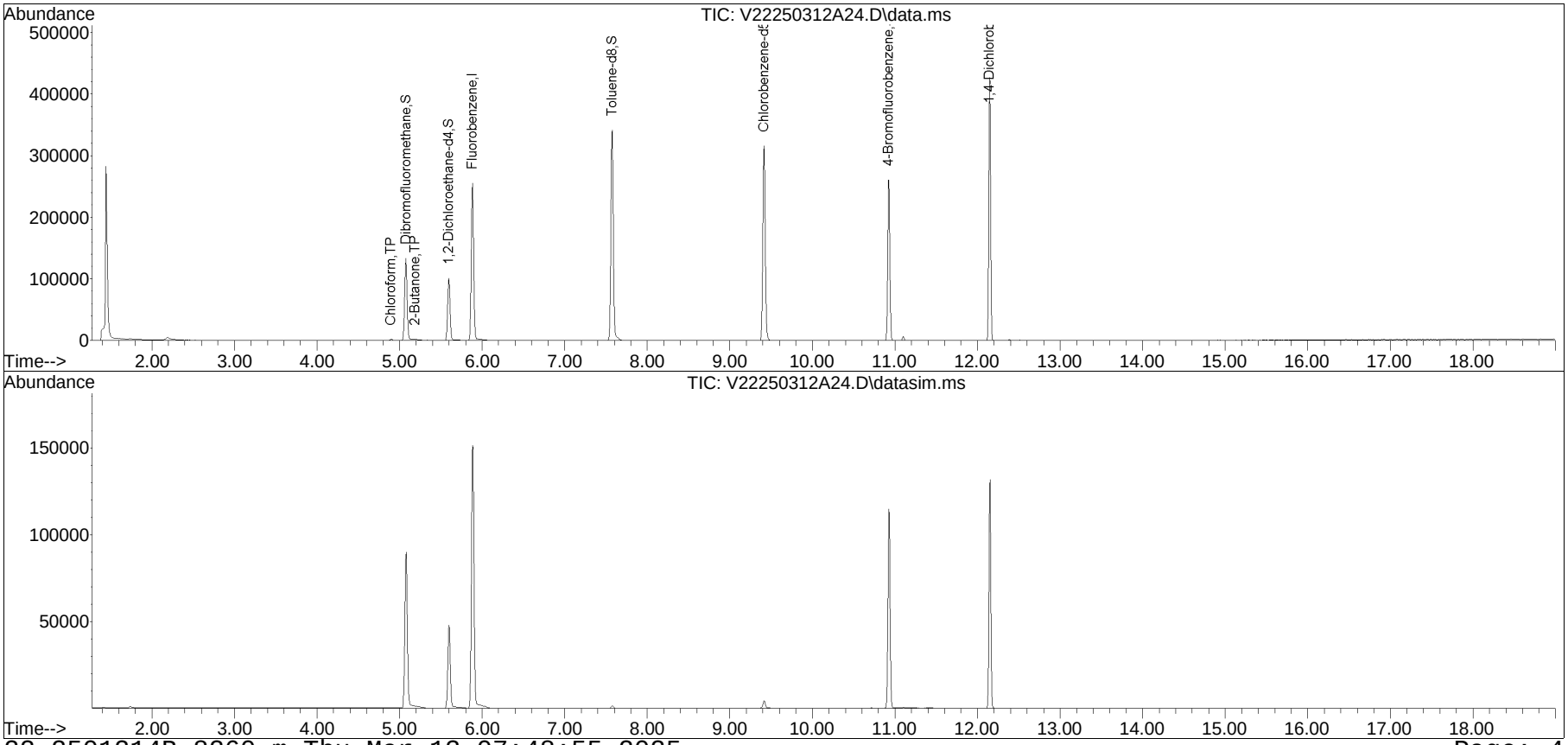
(#) = qualifier out of range (m) = manual integration (+) = signals summed

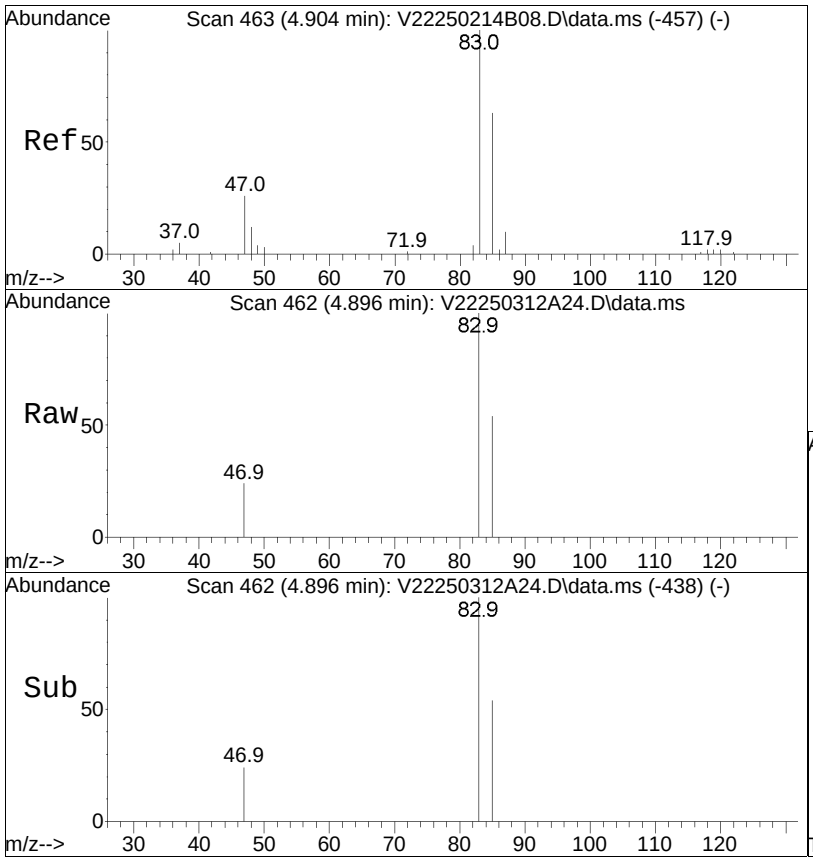
Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A24.D
Acq On : 12 Mar 2025 04:25 pm
Operator : VOA122:JIC
Sample : L2512368-13,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 13 07:44:43 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250312A04.D•

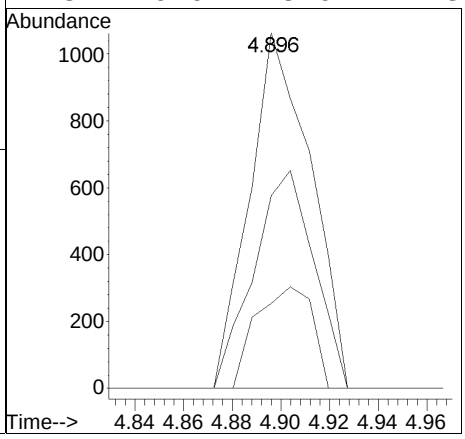


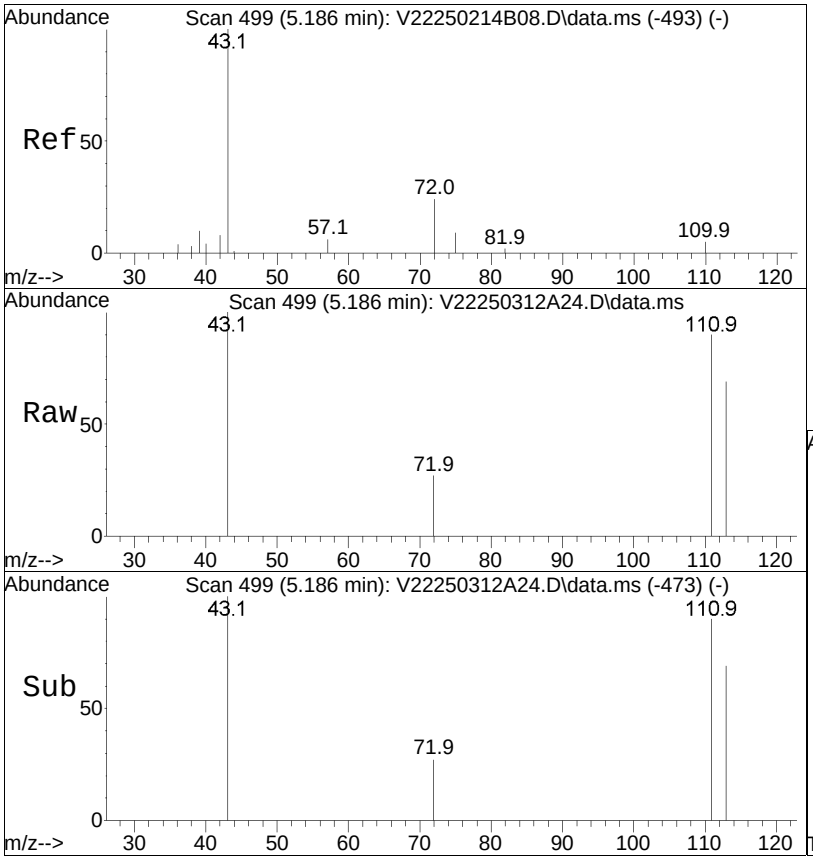


#34
Chloroform
Concen: 0.35 ug/L
RT: 4.896 min Scan# 462
Delta R.T. -0.008 min
Lab File: V22250312A24.D
Acq: 12 Mar 2025 04:25 pm

Tgt Ion: 83 Resp: 1860

Ion	Ratio	Lower	Upper
83	100		
85	60.3	42.5	88.3
47	26.3	17.2	35.6
48	0.0	8.6	17.8#

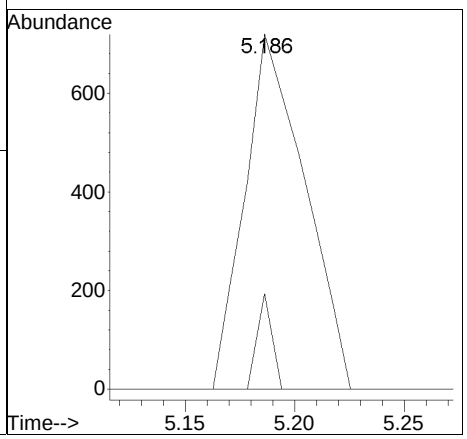




#41
2-Butanone
Concen: 1.69 ug/L
RT: 5.186 min Scan# 499
Delta R.T. 0.000 min
Lab File: V22250312A24.D
Acq: 12 Mar 2025 04:25 pm

Tgt Ion: 43 Resp: 1377

Ion	Ratio	Lower	Upper
43	100		
72	6.6	14.2	21.2#



Manual Integration Report

Data Path	: K:\VOA122\2025\250312A\	QMethod	: V122_2501214B_8260.m
Data File	: V22250312A24.D	Operator	: VOA122:JIC
Date Inj'd	: 3/12/2025 4:25 pm	Instrument	: VOA 122
Sample	: L2512368-13,31,10,10,,A	Quant Date	: 3/13/2025 6:14 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A25.D
Acq On : 12 Mar 2025 04:50 pm
Operator : VOA122:JIC
Sample : L2512368-14,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 13 07:44:55 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.884	96	253205	10.000 ug/L	0.00
Standard Area 1 = 274042			Recovery = 92.40%		
62) Chlorobenzene-d5	9.414	117	223183	10.000 ug/L	0.00
Standard Area 1 = 225349			Recovery = 99.04%		
83) 1,4-Dichlorobenzene-d4	12.145	152	116073	10.000 ug/L	0.00
Standard Area 1 = 119383			Recovery = 97.23%		
System Monitoring Compounds					
38) Dibromofluoromethane	5.076	113	86637	11.889 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 118.89%		
46) 1,2-Dichloroethane-d4	5.598	65	73228	11.284 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 112.84%		
63) Toluene-d8	7.575	98	266325	9.455 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.55%		
87) 4-Bromofluorobenzene	10.922	95	86206	9.128 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 91.28%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	0.000		0	N.D.	d
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.903	76	88	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	0.000		0	N.D.	d
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
21) Methyl tert-butyl ether	0.000		0	N.D.	
25) 1,1-Dichloroethane	0.000		0	N.D.	
27) Acrylonitrile	0.000		0	N.D.	
29) Vinyl acetate	0.000		0	N.D.	
30) cis-1,2-Dichloroethene	0.000		0	N.D.	
31) 2,2-Dichloropropane	0.000		0	N.D.	
32) Bromochloromethane	0.000		0	N.D.	
34) Chloroform	0.000		0	N.D.	

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A25.D
Acq On : 12 Mar 2025 04:50 pm
Operator : VOA122:JIC
Sample : L2512368-14,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 13 07:44:55 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
36) Carbon tetrachloride	0.000		0	N.D.			
39) 1,1,1-Trichloroethane	0.000		0	N.D.			
41) 2-Butanone	5.194	43	1202	1.446	ug/L	#	87
42) 1,1-Dichloropropene	0.000		0	N.D.			
44) Benzene	0.000		0	N.D.			
47) 1,2-Dichloroethane	0.000		0	N.D.			
51) Trichloroethene	0.000		0	N.D.			
53) Dibromomethane	0.000		0	N.D.			
54) 1,2-Dichloropropane	0.000		0	N.D.			
57) Bromodichloromethane	0.000		0	N.D.			
60) 1,4-Dioxane	0.000		0	N.D.			
61) cis-1,3-Dichloropropene	0.000		0	N.D.			
64) Toluene	0.000		0	N.D.			
65) 4-Methyl-2-pentanone	0.000		0	N.D.			
66) Tetrachloroethene	0.000		0	N.D.			
68) trans-1,3-Dichloropropene	0.000		0	N.D.			
71) 1,1,2-Trichloroethane	0.000		0	N.D.			
72) Chlorodibromomethane	0.000		0	N.D.			
73) 1,3-Dichloropropane	0.000		0	N.D.			
74) 1,2-Dibromoethane	0.000		0	N.D.			
76) 2-Hexanone	0.000		0	N.D.			
77) Chlorobenzene	0.000		0	N.D.			
78) Ethylbenzene	9.400	91	354	N.D.			
79) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
80) p/m Xylene	0.000		0	N.D.			
81) o Xylene	0.000		0	N.D.			
82) Styrene	0.000		0	N.D.			
84) Bromoform	0.000		0	N.D.			
86) Isopropylbenzene	0.000		0	N.D.			
88) Bromobenzene	0.000		0	N.D.			
89) n-Propylbenzene	10.929	91	244	N.D.			
91) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
92) 4-Ethyltoluene	0.000		0	N.D.			
93) 2-Chlorotoluene	0.000		0	N.D.			
94) 1,3,5-Trimethylbenzene	0.000		0	N.D.			
95) 1,2,3-Trichloropropane	0.000		0	N.D.			
96) trans-1,4-Dichloro-2-b...	0.000		0	N.D.			
97) 4-Chlorotoluene	0.000		0	N.D.			
98) tert-Butylbenzene	0.000		0	N.D.			

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A25.D
Acq On : 12 Mar 2025 04:50 pm
Operator : VOA122:JIC
Sample : L2512368-14,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 13 07:44:55 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
102) sec-Butylbenzene	0.000		0		N.D.	
103) p-Isopropyltoluene	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	0.000		0		N.D.	
105) 1,4-Dichlorobenzene	0.000		0		N.D.	
106) p-Diethylbenzene	0.000		0		N.D.	
107) n-Butylbenzene	0.000		0		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
109) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
112) Hexachlorobutadiene	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
114) Naphthalene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

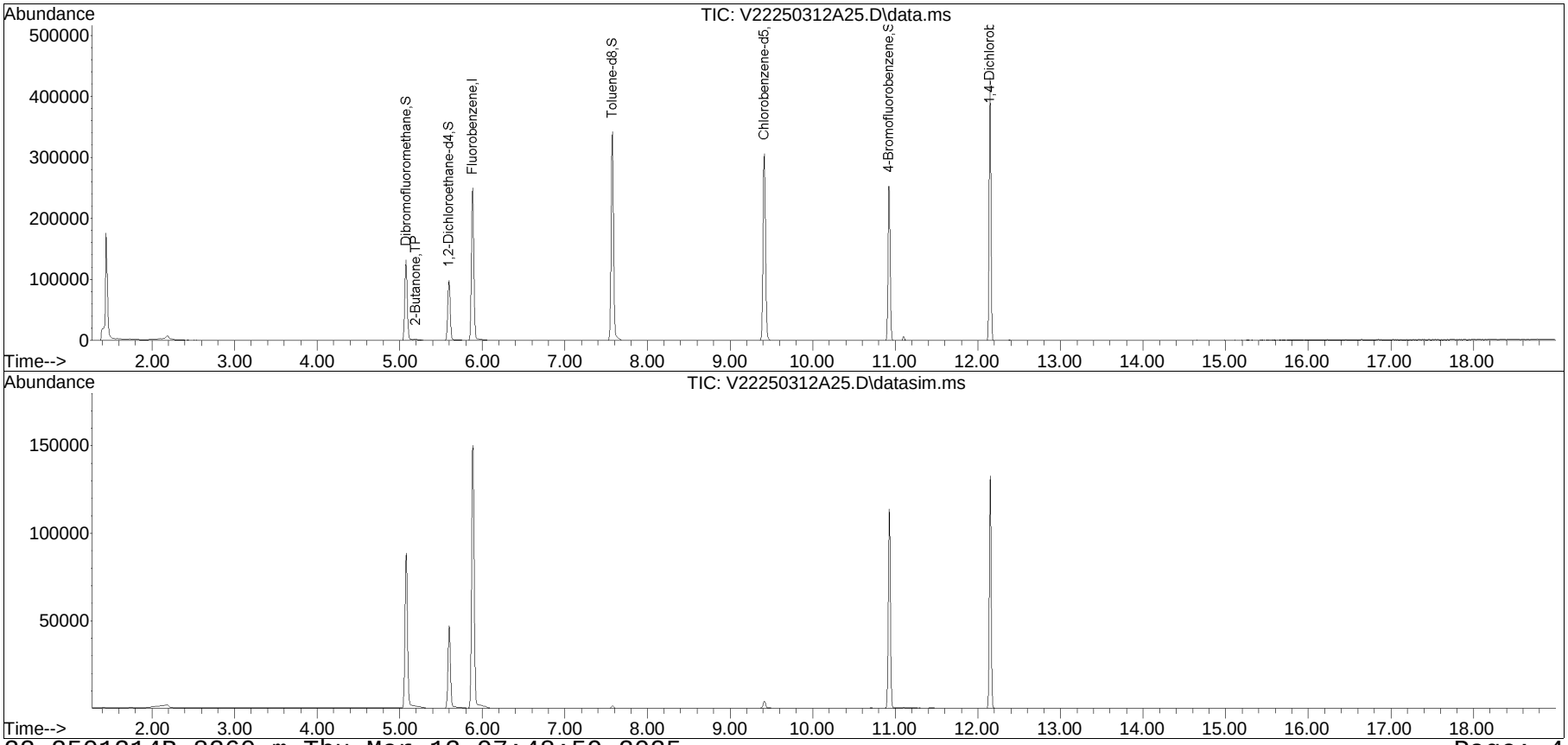
(#) = qualifier out of range (m) = manual integration (+) = signals summed

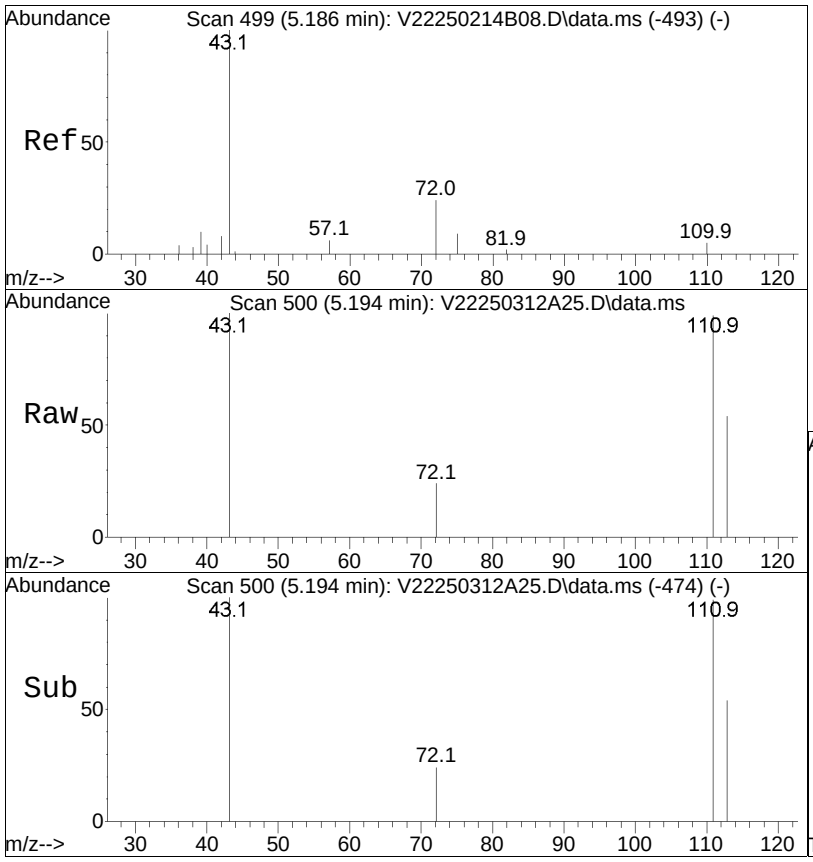
Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A25.D
Acq On : 12 Mar 2025 04:50 pm
Operator : VOA122:JIC
Sample : L2512368-14,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 13 07:44:55 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250312A04.D•

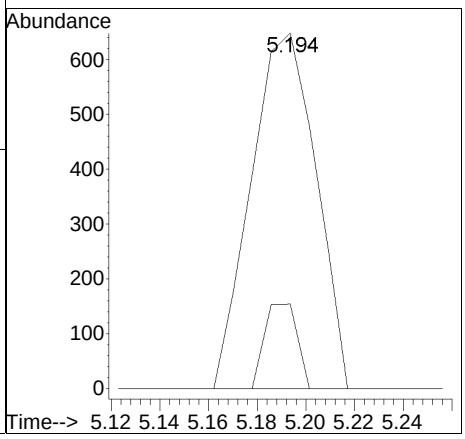




#41
2-Butanone
Concen: 1.45 ug/L
RT: 5.194 min Scan# 500
Delta R.T. 0.008 min
Lab File: V22250312A25.D
Acq: 12 Mar 2025 04:50 pm

Tgt Ion: 43 Resp: 1202

Ion	Ratio	Lower	Upper
43	100		
72	12.1	14.2	21.2#



Manual Integration Report

Data Path	: K:\VOA122\2025\250312A\	QMethod	: V122_2501214B_8260.m
Data File	: V22250312A25.D	Operator	: VOA122:JIC
Date Inj'd	: 3/12/2025 4:50 pm	Instrument	: VOA 122
Sample	: L2512368-14,31,10,10,,A	Quant Date	: 3/13/2025 6:14 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A26.D
Acq On : 12 Mar 2025 05:15 pm
Operator : VOA122:JIC
Sample : L2512368-15,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 13 07:45:04 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.884	96	255097	10.000	ug/L	0.00
Standard Area 1 = 274042			Recovery = 93.09%			
62) Chlorobenzene-d5	9.414	117	219581	10.000	ug/L	0.00
Standard Area 1 = 225349			Recovery = 97.44%			
83) 1,4-Dichlorobenzene-d4	12.146	152	114738	10.000	ug/L	0.00
Standard Area 1 = 119383			Recovery = 96.11%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.076	113	83121	11.322	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 113.22%			
46) 1,2-Dichloroethane-d4	5.591	65	71537	10.942	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 109.42%			
63) Toluene-d8	7.569	98	262544	9.473	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.73%			
87) 4-Bromofluorobenzene	10.922	95	84183	9.018	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 90.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.	d	
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.444	43	914	1.608	ug/L #	51
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
27) Acrylonitrile	0.000		0	N.D.		
29) Vinyl acetate	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	0.000		0	N.D.		
31) 2,2-Dichloropropane	0.000		0	N.D.		
32) Bromochloromethane	0.000		0	N.D.		
34) Chloroform	0.000		0	N.D.		

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A26.D
Acq On : 12 Mar 2025 05:15 pm
Operator : VOA122:JIC
Sample : L2512368-15,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 13 07:45:04 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
36) Carbon tetrachloride	0.000		0	N.D.			
39) 1,1,1-Trichloroethane	0.000		0	N.D.			
41) 2-Butanone	5.186	43	1257	1.501	ug/L	#	60
42) 1,1-Dichloropropene	0.000		0	N.D.			
44) Benzene	0.000		0	N.D.			
47) 1,2-Dichloroethane	0.000		0	N.D.			
51) Trichloroethene	0.000		0	N.D.			
53) Dibromomethane	0.000		0	N.D.			
54) 1,2-Dichloropropane	0.000		0	N.D.			
57) Bromodichloromethane	0.000		0	N.D.			
60) 1,4-Dioxane	0.000		0	N.D.			
61) cis-1,3-Dichloropropene	0.000		0	N.D.			
64) Toluene	0.000		0	N.D.			
65) 4-Methyl-2-pentanone	0.000		0	N.D.			
66) Tetrachloroethene	0.000		0	N.D.			
68) trans-1,3-Dichloropropene	0.000		0	N.D.			
71) 1,1,2-Trichloroethane	0.000		0	N.D.			
72) Chlorodibromomethane	0.000		0	N.D.			
73) 1,3-Dichloropropane	0.000		0	N.D.			
74) 1,2-Dibromoethane	0.000		0	N.D.			
76) 2-Hexanone	0.000		0	N.D.			
77) Chlorobenzene	0.000		0	N.D.			
78) Ethylbenzene	9.421	91	215	N.D.			
79) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
80) p/m Xylene	0.000		0	N.D.			
81) o Xylene	0.000		0	N.D.			
82) Styrene	0.000		0	N.D.			
84) Bromoform	0.000		0	N.D.			
86) Isopropylbenzene	0.000		0	N.D.			
88) Bromobenzene	0.000		0	N.D.			
89) n-Propylbenzene	10.929	91	290	N.D.			
91) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
92) 4-Ethyltoluene	0.000		0	N.D.			
93) 2-Chlorotoluene	0.000		0	N.D.			
94) 1,3,5-Trimethylbenzene	0.000		0	N.D.			
95) 1,2,3-Trichloropropane	0.000		0	N.D.			
96) trans-1,4-Dichloro-2-b...	0.000		0	N.D.			
97) 4-Chlorotoluene	0.000		0	N.D.			
98) tert-Butylbenzene	0.000		0	N.D.			

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A26.D
Acq On : 12 Mar 2025 05:15 pm
Operator : VOA122:JIC
Sample : L2512368-15,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 13 07:45:04 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
102) sec-Butylbenzene	0.000		0		N.D.	
103) p-Isopropyltoluene	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	0.000		0		N.D.	
105) 1,4-Dichlorobenzene	0.000		0		N.D.	
106) p-Diethylbenzene	0.000		0		N.D.	
107) n-Butylbenzene	0.000		0		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
109) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
112) Hexachlorobutadiene	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
114) Naphthalene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

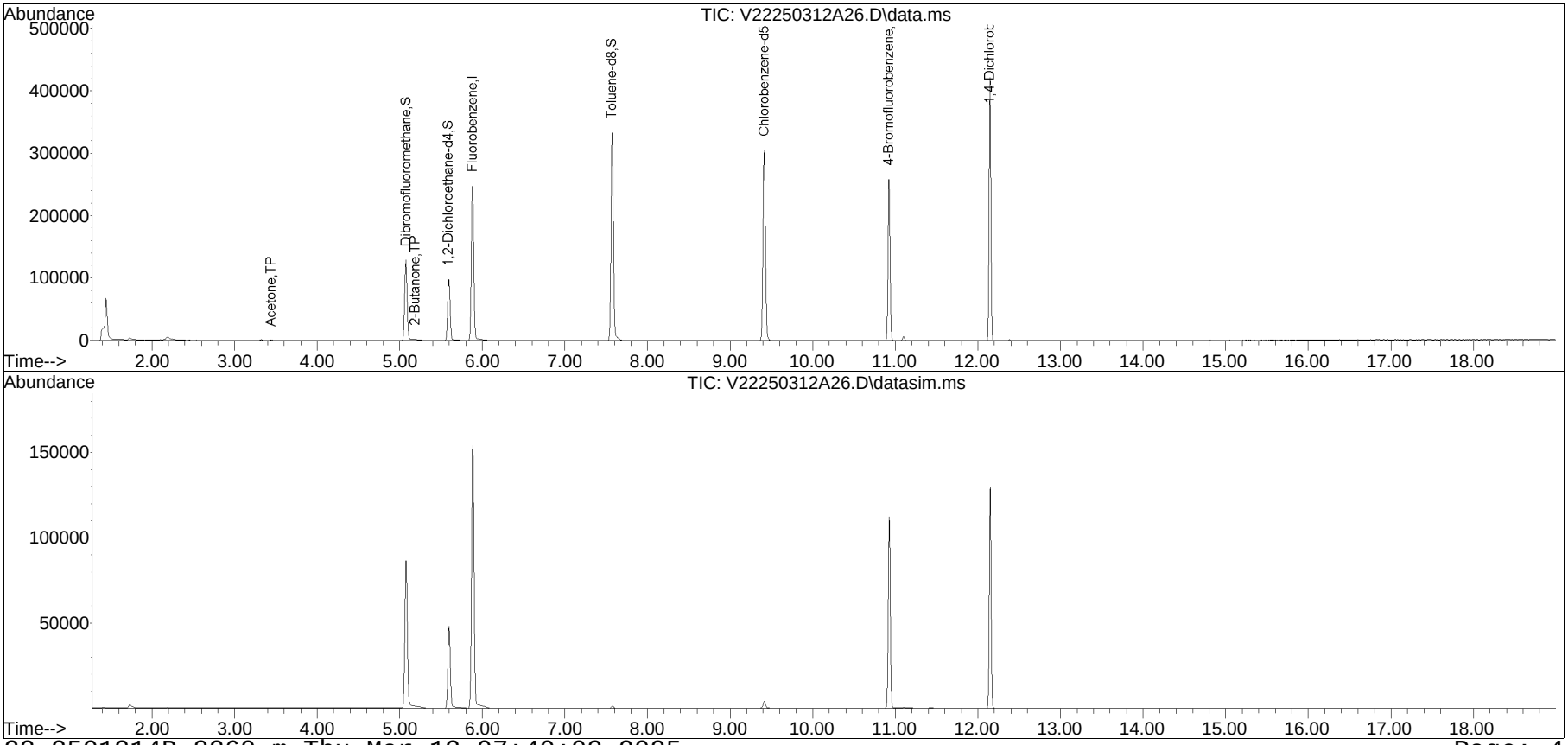
(#) = qualifier out of range (m) = manual integration (+) = signals summed

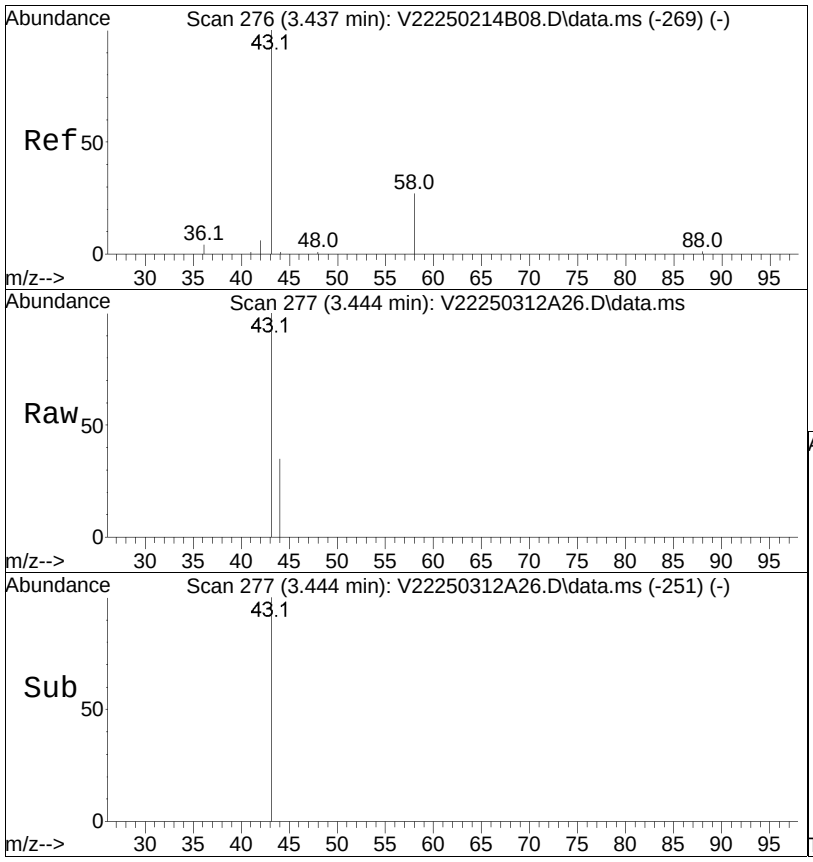
Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A26.D
Acq On : 12 Mar 2025 05:15 pm
Operator : VOA122:JIC
Sample : L2512368-15,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 13 07:45:04 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250312A04.D•

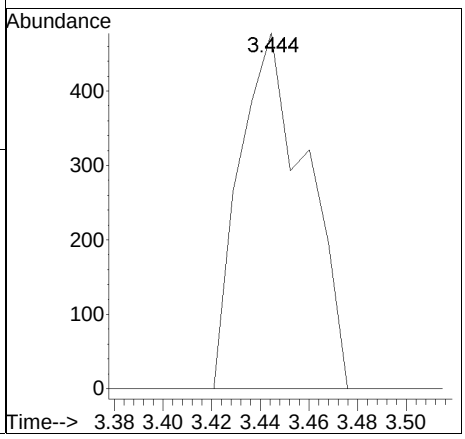


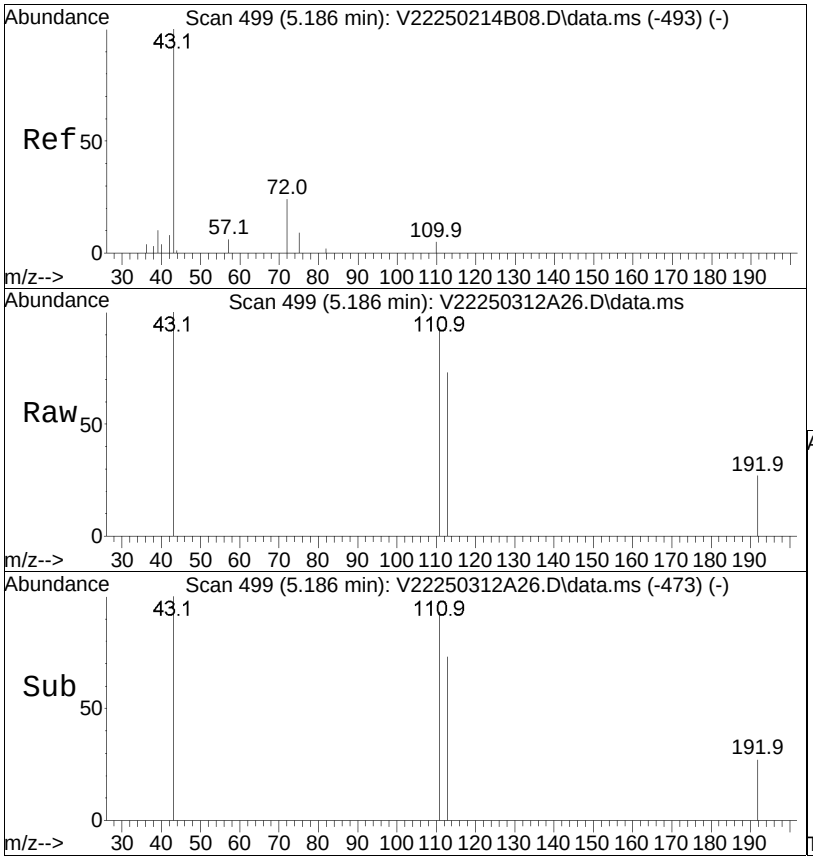


#17
Acetone
Concen: 1.61 ug/L
RT: 3.444 min Scan# 277
Delta R.T. 0.007 min
Lab File: V22250312A26.D
Acq: 12 Mar 2025 05:15 pm

Tgt Ion: 43 Resp: 914

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.1	28.7#

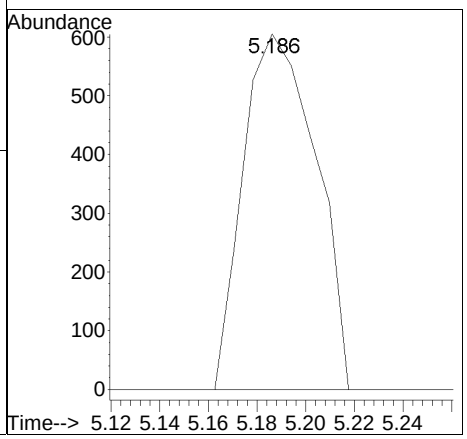




#41
2-Butanone
Concen: 1.50 ug/L
RT: 5.186 min Scan# 499
Delta R.T. 0.000 min
Lab File: V22250312A26.D
Acq: 12 Mar 2025 05:15 pm

Tgt Ion: 43 Resp: 1257

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.2#



Manual Integration Report

Data Path	: K:\VOA122\2025\250312A\	QMethod	: V122_2501214B_8260.m
Data File	: V22250312A26.D	Operator	: VOA122:JIC
Date Inj'd	: 3/12/2025 5:15 pm	Instrument	: VOA 122
Sample	: L2512368-15,31,10,10,,A	Quant Date	: 3/13/2025 6:15 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A27.D
Acq On : 12 Mar 2025 05:39 pm
Operator : VOA122:JIC
Sample : L2512368-16,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 13 07:45:12 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.884	96	245885	10.000	ug/L	0.00
Standard Area 1 = 274042			Recovery = 89.73%			
62) Chlorobenzene-d5	9.414	117	212662	10.000	ug/L	0.00
Standard Area 1 = 225349			Recovery = 94.37%			
83) 1,4-Dichlorobenzene-d4	12.146	152	106061	10.000	ug/L	0.00
Standard Area 1 = 119383			Recovery = 88.84%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.076	113	81059	11.455	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 114.55%			
46) 1,2-Dichloroethane-d4	5.598	65	73089	11.598	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 115.98%			
63) Toluene-d8	7.576	98	254905	9.497	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.97%			
87) 4-Bromofluorobenzene	10.922	95	82735	9.588	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	2.221	64	73	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.444	43	315	0.575	ug/L #	51
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
27) Acrylonitrile	0.000		0	N.D.		
29) Vinyl acetate	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	0.000		0	N.D.		
31) 2,2-Dichloropropane	0.000		0	N.D.		
32) Bromochloromethane	0.000		0	N.D.		
34) Chloroform	0.000		0	N.D.		

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A27.D
Acq On : 12 Mar 2025 05:39 pm
Operator : VOA122:JIC
Sample : L2512368-16,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 13 07:45:12 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
36) Carbon tetrachloride	0.000		0	N.D.			
39) 1,1,1-Trichloroethane	0.000		0	N.D.			
41) 2-Butanone	5.194	43	1238	1.534	ug/L	#	60
42) 1,1-Dichloropropene	0.000		0	N.D.			
44) Benzene	0.000		0	N.D.			
47) 1,2-Dichloroethane	0.000		0	N.D.			
51) Trichloroethene	0.000		0	N.D.			
53) Dibromomethane	0.000		0	N.D.			
54) 1,2-Dichloropropane	0.000		0	N.D.			
57) Bromodichloromethane	0.000		0	N.D.			
60) 1,4-Dioxane	0.000		0	N.D.			
61) cis-1,3-Dichloropropene	0.000		0	N.D.			
64) Toluene	0.000		0	N.D.			
65) 4-Methyl-2-pentanone	0.000		0	N.D.			
66) Tetrachloroethene	0.000		0	N.D.			
68) trans-1,3-Dichloropropene	0.000		0	N.D.			
71) 1,1,2-Trichloroethane	0.000		0	N.D.			
72) Chlorodibromomethane	0.000		0	N.D.			
73) 1,3-Dichloropropane	0.000		0	N.D.			
74) 1,2-Dibromoethane	0.000		0	N.D.			
76) 2-Hexanone	0.000		0	N.D.			
77) Chlorobenzene	0.000		0	N.D.			
78) Ethylbenzene	9.414	91	293	N.D.			
79) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
80) p/m Xylene	0.000		0	N.D.			
81) o Xylene	0.000		0	N.D.			
82) Styrene	0.000		0	N.D.			
84) Bromoform	0.000		0	N.D.			
86) Isopropylbenzene	0.000		0	N.D.			
88) Bromobenzene	0.000		0	N.D.			
89) n-Propylbenzene	10.922	91	262	N.D.			
91) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
92) 4-Ethyltoluene	0.000		0	N.D.			
93) 2-Chlorotoluene	0.000		0	N.D.			
94) 1,3,5-Trimethylbenzene	0.000		0	N.D.			
95) 1,2,3-Trichloropropane	0.000		0	N.D.			
96) trans-1,4-Dichloro-2-b...	0.000		0	N.D.			
97) 4-Chlorotoluene	0.000		0	N.D.			
98) tert-Butylbenzene	0.000		0	N.D.			

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A27.D
Acq On : 12 Mar 2025 05:39 pm
Operator : VOA122:JIC
Sample : L2512368-16,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 13 07:45:12 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
102) sec-Butylbenzene	0.000		0		N.D.	
103) p-Isopropyltoluene	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	0.000		0		N.D.	
105) 1,4-Dichlorobenzene	0.000		0		N.D.	
106) p-Diethylbenzene	0.000		0		N.D.	
107) n-Butylbenzene	0.000		0		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
109) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
112) Hexachlorobutadiene	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
114) Naphthalene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

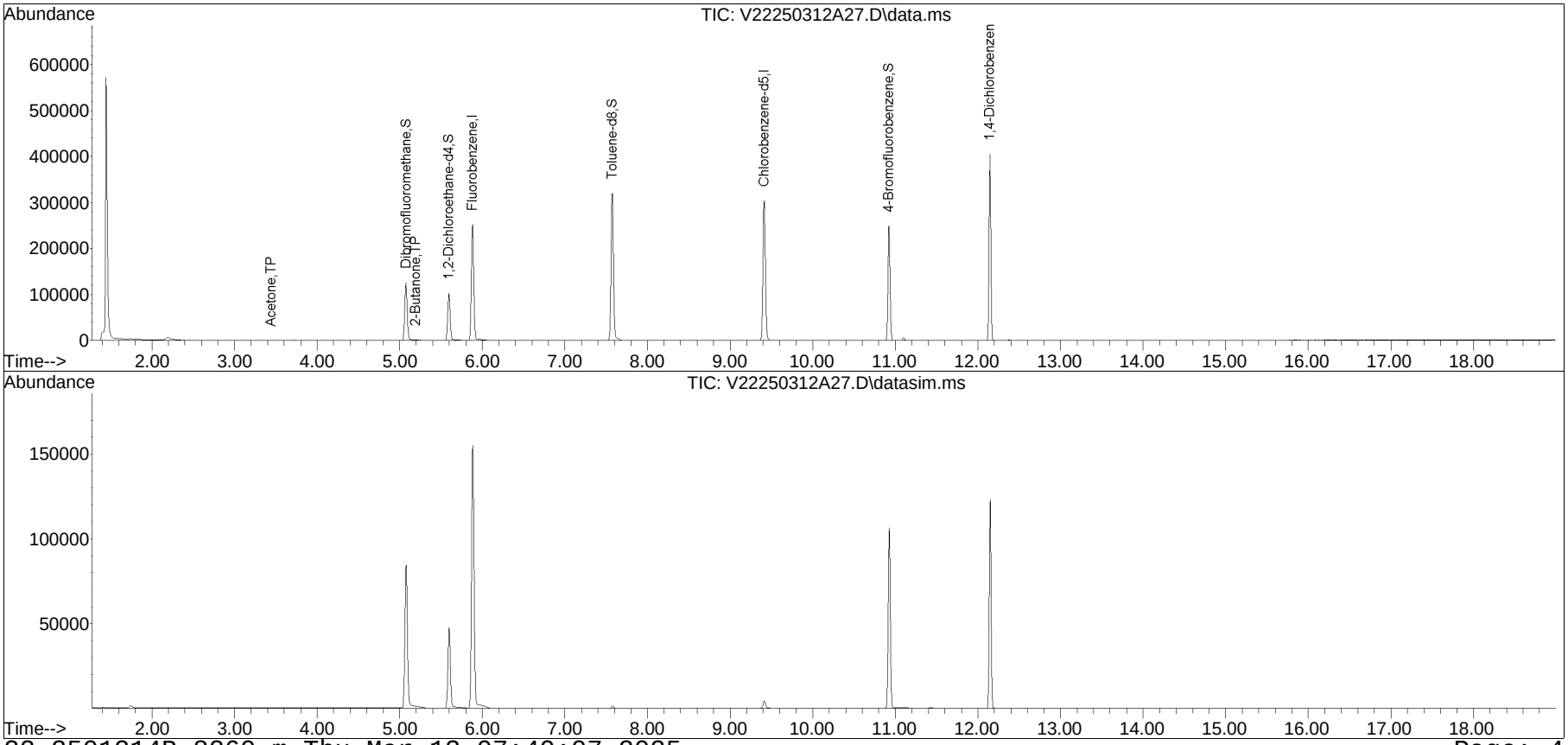
(#) = qualifier out of range (m) = manual integration (+) = signals summed

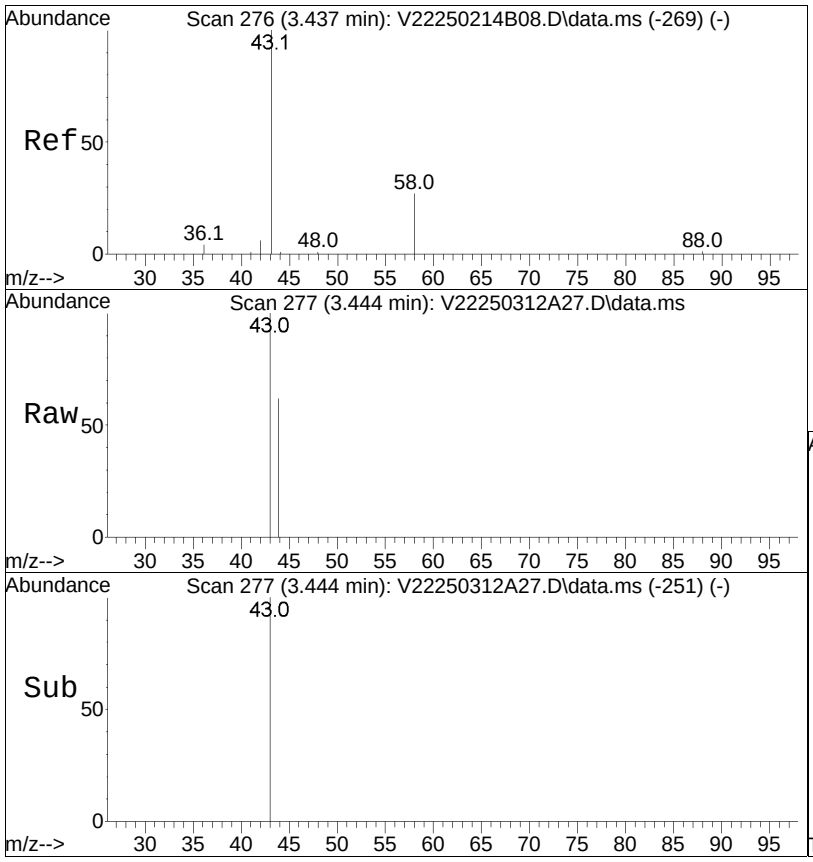
Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A27.D
Acq On : 12 Mar 2025 05:39 pm
Operator : VOA122:JIC
Sample : L2512368-16,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 13 07:45:12 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250312A04.D•

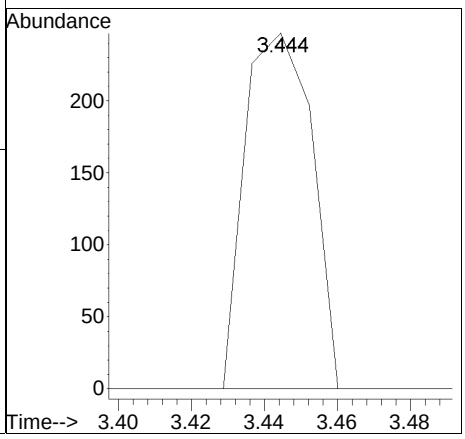


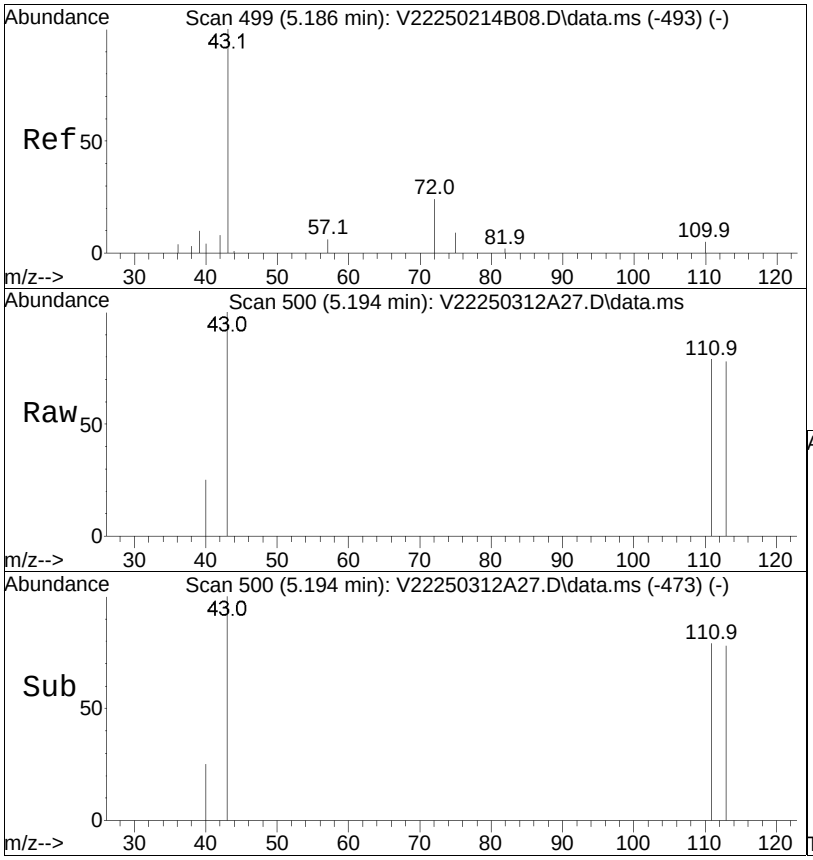


#17
Acetone
Concen: 0.57 ug/L
RT: 3.444 min Scan# 277
Delta R.T. 0.007 min
Lab File: V22250312A27.D
Acq: 12 Mar 2025 05:39 pm

Tgt Ion: 43 Resp: 315

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.1	28.7#

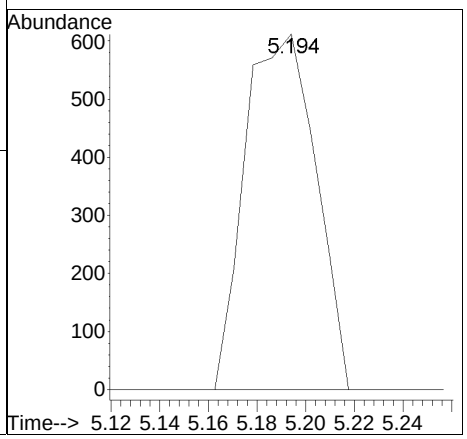




#41
2-Butanone
Concen: 1.53 ug/L
RT: 5.194 min Scan# 500
Delta R.T. 0.008 min
Lab File: V22250312A27.D
Acq: 12 Mar 2025 05:39 pm

Tgt Ion: 43 Resp: 1238

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.2#



Manual Integration Report

Data Path	: K:\VOA122\2025\250312A\	QMethod	: V122_2501214B_8260.m
Data File	: V22250312A27.D	Operator	: VOA122:JIC
Date Inj'd	: 3/12/2025 5:39 pm	Instrument	: VOA 122
Sample	: L2512368-16,31,10,10,,A	Quant Date	: 3/13/2025 6:15 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A28.D
Acq On : 12 Mar 2025 06:04 pm
Operator : VOA122:JIC
Sample : L2512368-17,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 13 07:45:28 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.884	96	243422	10.000 ug/L	0.00
Standard Area 1 = 274042			Recovery = 88.83%		
62) Chlorobenzene-d5	9.414	117	216191	10.000 ug/L	0.00
Standard Area 1 = 225349			Recovery = 95.94%		
83) 1,4-Dichlorobenzene-d4	12.146	152	113717	10.000 ug/L	0.00
Standard Area 1 = 119383			Recovery = 95.25%		
System Monitoring Compounds					
38) Dibromofluoromethane	5.076	113	79912	11.407 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 114.07%		
46) 1,2-Dichloroethane-d4	5.598	65	70007	11.222 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 112.22%		
63) Toluene-d8	7.576	98	252593	9.257 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.57%		
87) 4-Bromofluorobenzene	10.922	95	83365	9.010 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 90.10%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.405	85	72	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	0.000		0	N.D. d	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	0.000		0	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
21) Methyl tert-butyl ether	0.000		0	N.D.	
25) 1,1-Dichloroethane	0.000		0	N.D.	
27) Acrylonitrile	0.000		0	N.D.	
29) Vinyl acetate	0.000		0	N.D.	
30) cis-1,2-Dichloroethene	0.000		0	N.D.	
31) 2,2-Dichloropropane	0.000		0	N.D.	
32) Bromochloromethane	0.000		0	N.D.	
34) Chloroform	4.896	83	868	0.165 ug/L #	74

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A28.D
Acq On : 12 Mar 2025 06:04 pm
Operator : VOA122:JIC
Sample : L2512368-17,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 13 07:45:28 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
36) Carbon tetrachloride	0.000		0	N.D.			
39) 1,1,1-Trichloroethane	0.000		0	N.D.			
41) 2-Butanone	5.186	43	1396	1.747	ug/L	#	60
42) 1,1-Dichloropropene	0.000		0	N.D.			
44) Benzene	0.000		0	N.D.			
47) 1,2-Dichloroethane	0.000		0	N.D.			
51) Trichloroethene	0.000		0	N.D.			
53) Dibromomethane	0.000		0	N.D.			
54) 1,2-Dichloropropane	0.000		0	N.D.			
57) Bromodichloromethane	0.000		0	N.D.			
60) 1,4-Dioxane	0.000		0	N.D.			
61) cis-1,3-Dichloropropene	0.000		0	N.D.			
64) Toluene	0.000		0	N.D.			
65) 4-Methyl-2-pentanone	0.000		0	N.D.			
66) Tetrachloroethene	8.083	166	141	N.D.			
68) trans-1,3-Dichloropropene	0.000		0	N.D.			
71) 1,1,2-Trichloroethane	0.000		0	N.D.			
72) Chlorodibromomethane	0.000		0	N.D.			
73) 1,3-Dichloropropane	0.000		0	N.D.			
74) 1,2-Dibromoethane	0.000		0	N.D.			
76) 2-Hexanone	0.000		0	N.D.			
77) Chlorobenzene	0.000		0	N.D.			
78) Ethylbenzene	9.414	91	228	N.D.			
79) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
80) p/m Xylene	0.000		0	N.D.			
81) o Xylene	0.000		0	N.D.			
82) Styrene	0.000		0	N.D.			
84) Bromoform	0.000		0	N.D.			
86) Isopropylbenzene	0.000		0	N.D.			
88) Bromobenzene	0.000		0	N.D.			
89) n-Propylbenzene	10.922	91	239	N.D.			
91) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
92) 4-Ethyltoluene	0.000		0	N.D.			
93) 2-Chlorotoluene	0.000		0	N.D.			
94) 1,3,5-Trimethylbenzene	0.000		0	N.D.			
95) 1,2,3-Trichloropropane	0.000		0	N.D.			
96) trans-1,4-Dichloro-2-b...	0.000		0	N.D.			
97) 4-Chlorotoluene	0.000		0	N.D.			
98) tert-Butylbenzene	0.000		0	N.D.			

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A28.D
Acq On : 12 Mar 2025 06:04 pm
Operator : VOA122:JIC
Sample : L2512368-17,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 13 07:45:28 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
102) sec-Butylbenzene	0.000		0		N.D.	
103) p-Isopropyltoluene	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	0.000		0		N.D.	
105) 1,4-Dichlorobenzene	0.000		0		N.D.	
106) p-Diethylbenzene	0.000		0		N.D.	
107) n-Butylbenzene	0.000		0		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
109) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
112) Hexachlorobutadiene	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
114) Naphthalene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

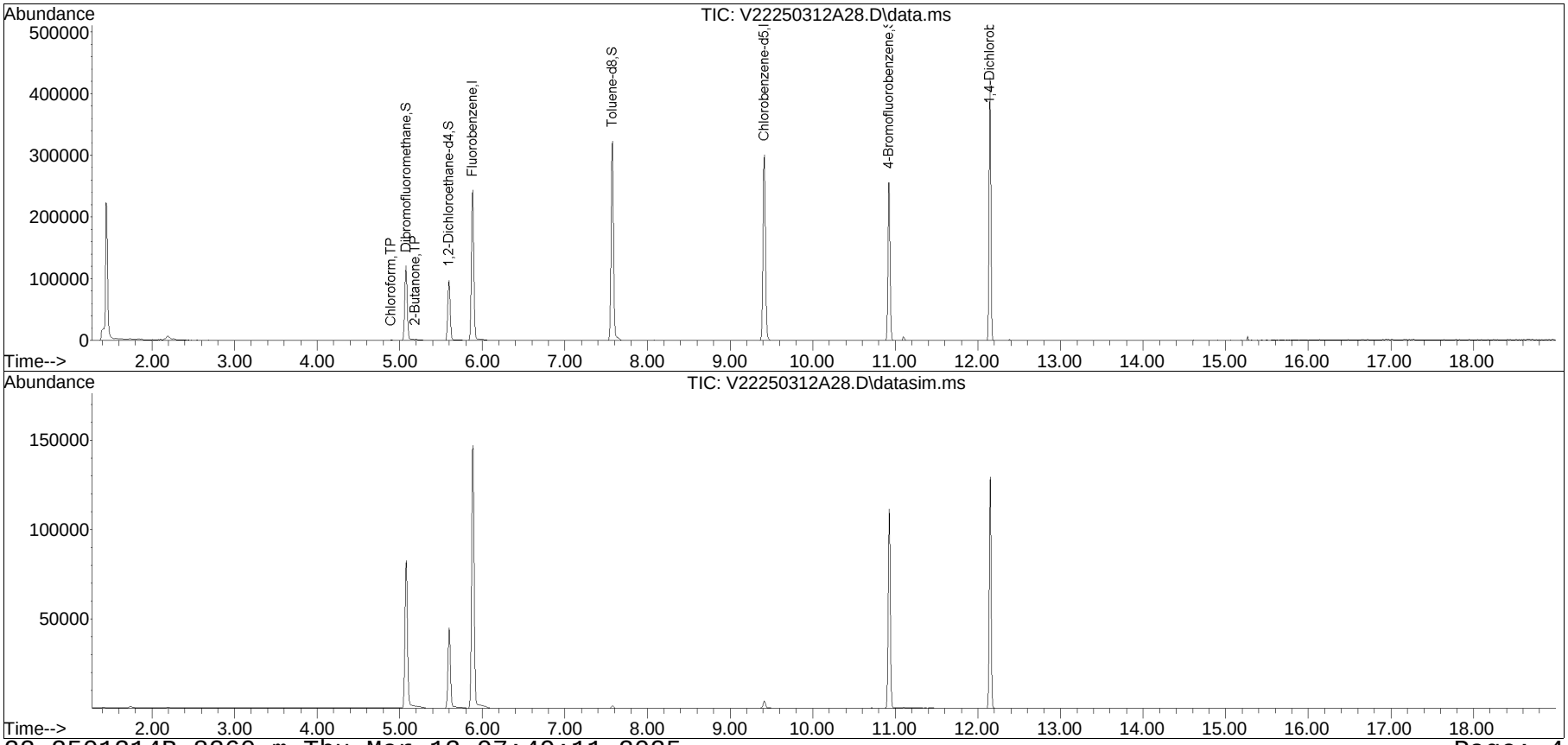
(#) = qualifier out of range (m) = manual integration (+) = signals summed

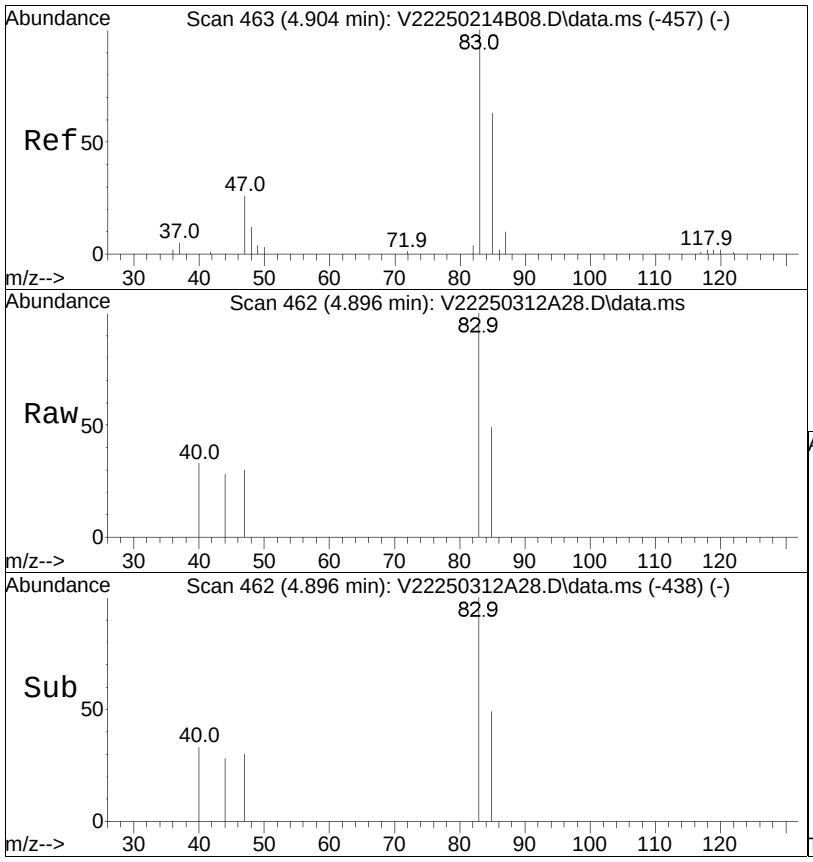
Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A28.D
Acq On : 12 Mar 2025 06:04 pm
Operator : VOA122:JIC
Sample : L2512368-17,31,10,10,,A
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 13 07:45:28 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250312A04.D•

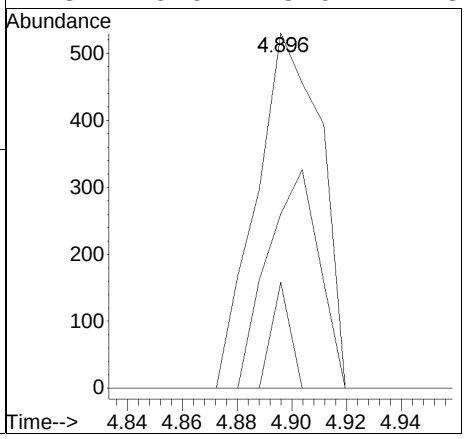


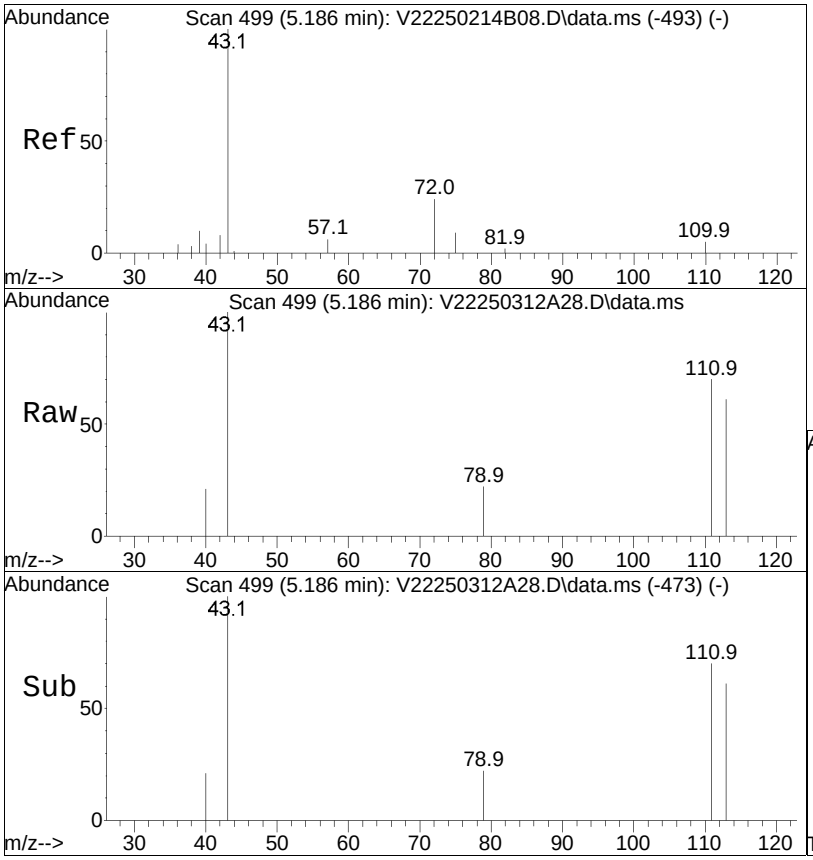


#34
Chloroform
Concen: 0.16 ug/L
RT: 4.896 min Scan# 462
Delta R.T. -0.008 min
Lab File: V22250312A28.D
Acq: 12 Mar 2025 06:04 pm

Tgt Ion: 83 Resp: 868

Ion	Ratio	Lower	Upper
83	100		
85	49.2	42.5	88.3
47	8.5	17.2	35.6#
48	0.0	8.6	17.8#

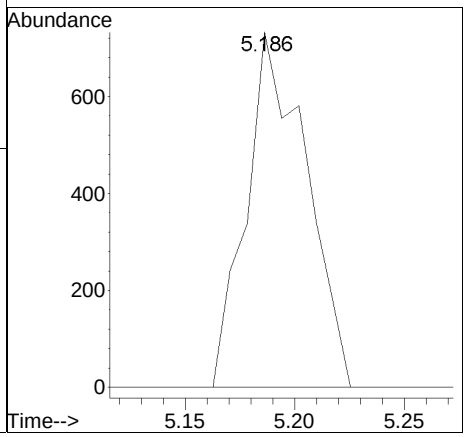




#41
2-Butanone
Concen: 1.75 ug/L
RT: 5.186 min Scan# 499
Delta R.T. 0.000 min
Lab File: V22250312A28.D
Acq: 12 Mar 2025 06:04 pm

Tgt Ion: 43 Resp: 1396

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.2#



Manual Integration Report

Data Path	: K:\VOA122\2025\250312A\	QMethod	: V122_2501214B_8260.m
Data File	: V22250312A28.D	Operator	: VOA122:JIC
Date Inj'd	: 3/12/2025 6:04 pm	Instrument	: VOA 122
Sample	: L2512368-17,31,10,10,,A	Quant Date	: 3/13/2025 6:15 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A06.D
Acq On : 12 Mar 2025 11:28 am
Operator : ELAINE:PID
Sample : L2512368-18,31,10,10,,A
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 12 12:14:20 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250312A\VE250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.768	96	270609	10.000 ug/L	0.00
Standard Area 1 = 297682			Recovery =	90.91%	
63) Chlorobenzene-d5	9.280	117	206001	10.000 ug/L	0.00
Standard Area 1 = 223126			Recovery =	92.32%	
84) 1,4-Dichlorobenzene-d4	12.028	152	109419	10.000 ug/L	0.00
Standard Area 1 = 121415			Recovery =	90.12%	
System Monitoring Compounds					
39) Dibromofluoromethane	4.973	113	80605	10.914 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	109.14%	
47) 1,2-Dichloroethane-d4	5.491	65	82302	10.528 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	105.28%	
64) Toluene-d8	7.447	98	261191	9.583 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	95.83%	
88) 4-Bromofluorobenzene	10.799	95	94856	10.832 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	108.32%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.426	85	49	N.D.	
3) Chloromethane	1.702	50	48	N.D.	
4) Vinyl chloride	1.812	62	59	N.D.	
5) Bromomethane	2.062	94	419	N.D.	
6) Chloroethane	2.159	64	50	N.D.	
7) Trichlorofluoromethane	2.356	101	55	N.D.	
8) Ethyl ether	2.611	74	41	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.804	76	630	N.D.	
15) Methylene chloride	3.300	84	51	N.D.	
17) Acetone	3.353	43	1113	1.028 ug/L #	48
18) trans-1,2-Dichloroethene	3.516	96	46	N.D.	
21) Methyl tert-butyl ether	3.437	73	40	N.D.	
25) 1,1-Dichloroethane	0.000		0	N.D.	
27) Acrylonitrile	4.003	53	44	N.D.	
29) Vinyl acetate	4.271	43	90	N.D.	
30) cis-1,2-Dichloroethene	4.596	96	57	N.D.	
31) 2,2-Dichloropropane	4.604	77	43	N.D.	
33) Bromochloromethane	4.565	128	61	N.D.	
35) Chloroform	0.000		0	N.D.	

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A06.D
Acq On : 12 Mar 2025 11:28 am
Operator : ELAINE:PID
Sample : L2512368-18,31,10,10,,A
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 12 12:14:20 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250312A\VE250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Carbon tetrachloride	0.000		0	N.D.		
40) 1,1,1-Trichloroethane	4.938	97	43	N.D.		
42) 2-Butanone	5.087	43	1261	0.836	ug/L #	38
43) 1,1-Dichloropropene	5.065	75	46	N.D.		
45) Benzene	5.346	78	48	N.D.		
48) 1,2-Dichloroethane	0.000		0	N.D.		
52) Trichloroethene	0.000		0	N.D.		
54) Dibromomethane	0.000		0	N.D.		
55) 1,2-Dichloropropane	6.302	63	52	N.D.		
58) Bromodichloromethane	6.560	83	41	N.D.		
61) 1,4-Dioxane	0.000		0	N.D.	d	
62) cis-1,3-Dichloropropene	7.099	75	44	N.D.		
65) Toluene	7.502	92	124	N.D.		
66) 4-Methyl-2-pentanone	0.000		0	N.D.		
67) Tetrachloroethene	8.045	166	43	N.D.		
69) trans-1,3-Dichloropropene	0.000		0	N.D.		
72) 1,1,2-Trichloroethane	0.000		0	N.D.		
73) Chlorodibromomethane	0.000		0	N.D.		
74) 1,3-Dichloropropane	0.000		0	N.D.		
75) 1,2-Dibromoethane	8.814	107	42	N.D.		
77) 2-Hexanone	8.968	43	66	N.D.		
78) Chlorobenzene	9.294	112	41	N.D.		
79) Ethylbenzene	9.361	91	45	N.D.		
80) 1,1,1,2-Tetrachloroethane	9.407	131	64	N.D.		
81) p/m Xylene	9.533	106	41	N.D.		
82) o Xylene	0.000		0	N.D.		
83) Styrene	10.153	104	47	N.D.		
85) Bromoform	0.000		0	N.D.		
87) Isopropylbenzene	10.460	105	54	N.D.		
89) Bromobenzene	10.777	156	52	N.D.		
90) n-Propylbenzene	10.962	91	44	N.D.		
92) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
93) 4-Ethyltoluene	11.107	105	53	N.D.		
94) 2-Chlorotoluene	11.125	91	48	N.D.		
95) 1,3,5-Trimethylbenzene	11.191	105	115	N.D.		
96) 1,2,3-Trichloropropane	11.182	75	51	N.D.		
97) trans-1,4-Dichloro-2-b...	11.107	53	40	N.D.		
98) 4-Chlorotoluene	11.314	91	103	N.D.		
99) tert-Butylbenzene	11.565	119	52	N.D.		

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A06.D
Acq On : 12 Mar 2025 11:28 am
Operator : ELAINE:PID
Sample : L2512368-18,31,10,10,,A
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 12 12:14:20 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250312A\VE250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102) 1,2,4-Trimethylbenzene	11.623	105	168	N.D.		
103) sec-Butylbenzene	11.750	105	42	N.D.		
104) p-Isopropyltoluene	11.891	119	143	N.D.		
105) 1,3-Dichlorobenzene	11.958	146	65	N.D.		
106) 1,4-Dichlorobenzene	12.050	146	135	N.D.		
107) p-Diethylbenzene	12.270	119	58	N.D.		
108) n-Butylbenzene	12.328	91	46	N.D.		
109) 1,2-Dichlorobenzene	12.451	146	52	N.D.		
110) 1,2,4,5-Tetramethylben...	13.068	119	196	N.D.		
111) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	d	
113) Hexachlorobutadiene	0.000		0	N.D.		
114) 1,2,4-Trichlorobenzene	13.892	180	210	N.D.		
115) Naphthalene	14.182	128	212	N.D.		
116) 1,2,3-Trichlorobenzene	14.345	180	120	N.D.		

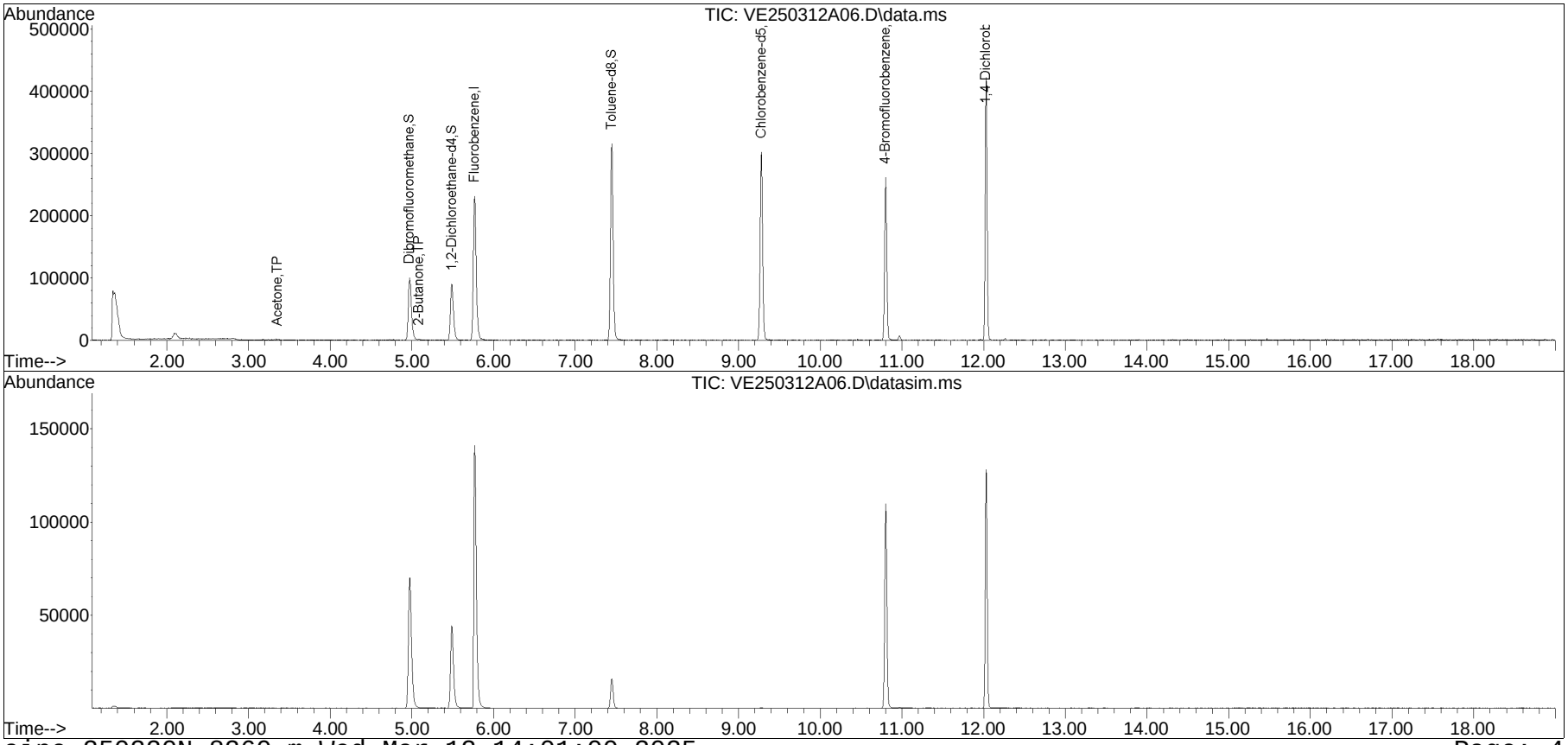
(#) = qualifier out of range (m) = manual integration (+) = signals summed

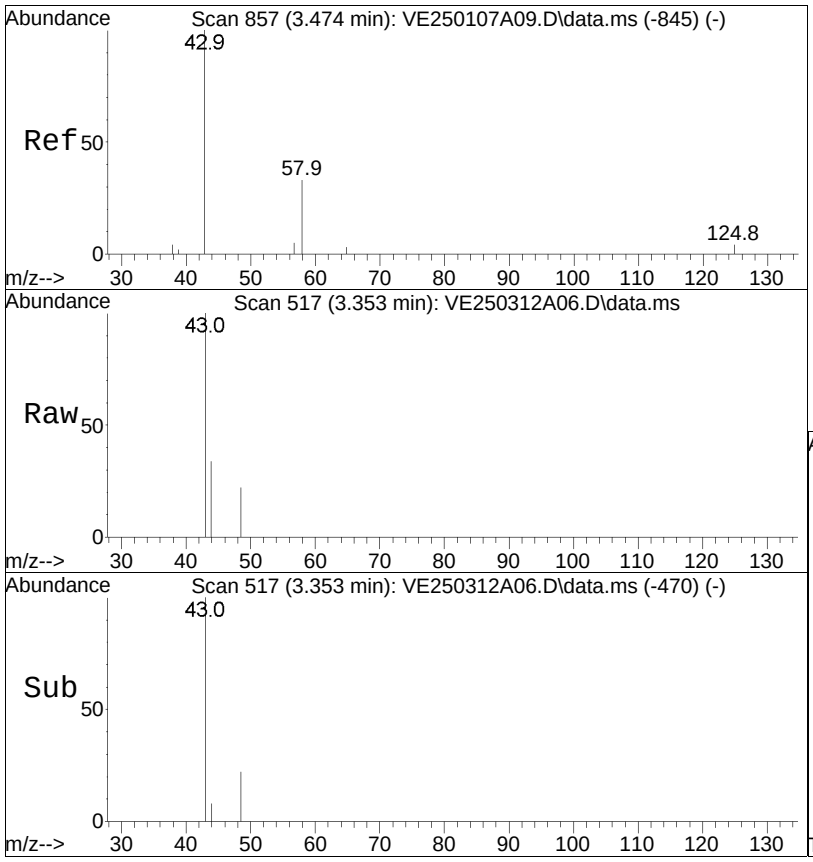
Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A06.D
Acq On : 12 Mar 2025 11:28 am
Operator : ELAINE:PID
Sample : L2512368-18,31,10,10,,A
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 12 12:14:20 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox50312A01.D•

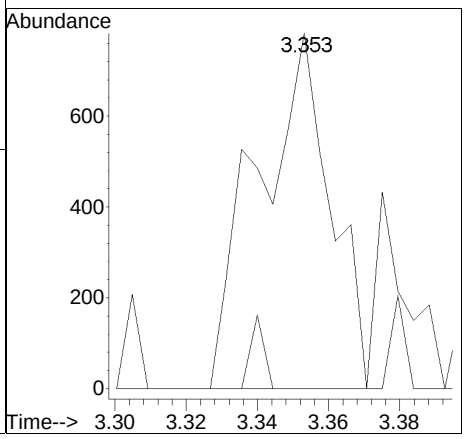


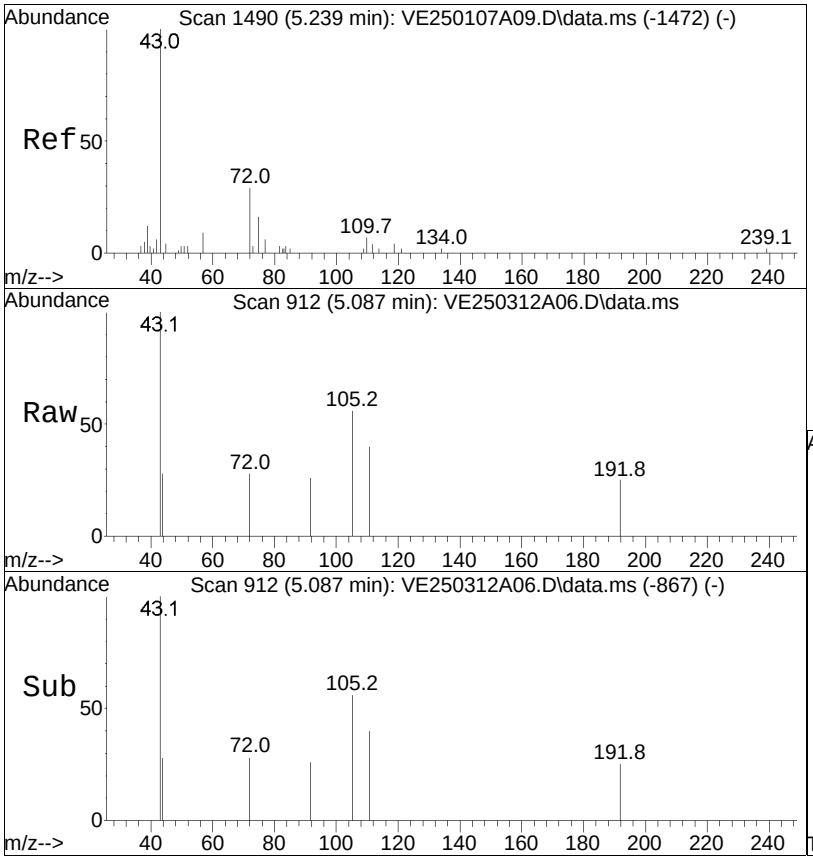


#17
Acetone
Concen: 1.03 ug/L
RT: 3.353 min Scan# 517
Delta R.T. 0.005 min
Lab File: VE250312A06.D
Acq: 12 Mar 2025 11:28 am

Tgt Ion: 43 Resp: 1113

Ion	Ratio	Lower	Upper
43	100		
58	3.9	26.6	40.0#

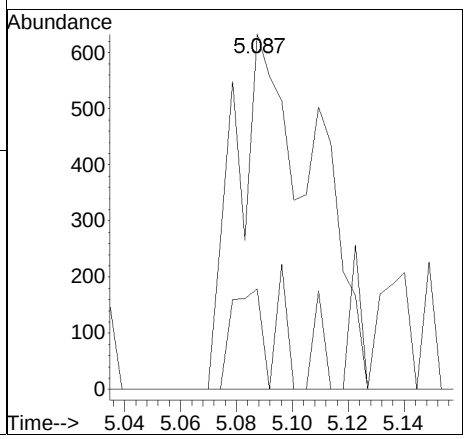




#42
2-Butanone
Concen: 0.84 ug/L
RT: 5.087 min Scan# 912
Delta R.T. -0.001 min
Lab File: VE250312A06.D
Acq: 12 Mar 2025 11:28 am

Tgt Ion: 43 Resp: 1261

Ion	Ratio	Lower	Upper
43	100		
72	10.5	44.9	67.3#



Manual Integration Report

Data Path	: K:\Elaine\2025\250312A\	QMethod	: Elaine_250220N_8260.m
Data File	: VE250312A06.D	Operator	: ELAINE:PID
Date Inj'd	: 3/12/2025 11:28 am	Instrument	: Elaine
Sample	: L2512368-18,31,10,10,,A	Quant Date	: 3/12/2025 12:13 pm

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

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Volatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: VOA101**	**Ical Ref**	**: ICAL21969**
Calibration dates	**: 02/08/25 01:30 02/08/25 05:51**		

Calibration Files

L11 =V01250208A03.D L1 =V01250208A05.D L2 =V01250208A07.D L3 =V01250208A09.D L4 =V01250208A10.D

L6 =V01250208A11.D L8 =V01250208A12.D L10 =V01250208A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.187	0.259	0.279	0.301	0.281	0.281	0.274	0.266	13.92
3)	TP	Chloromethane		0.503	0.491	0.470	0.494	0.493	0.498	0.497	0.492	2.18
4)	TP	Vinyl chloride	0.274	0.226	0.300	0.310	0.336	0.332	0.353	0.348	0.310	13.86
5)	TP	Bromomethane		0.056	0.051	0.056	0.071	0.085	0.092		*Q	0.9993
6)	TP	Chloroethane		0.138	0.150	0.149	0.156	0.149	0.148	0.143	0.148	3.90
7)	TP	Trichlorofluor		0.232	0.328	0.333	0.359	0.337	0.339	0.333	0.323	12.77
8)	TP	Ethyl ether		0.086	0.078	0.078	0.085	0.082	0.083	0.084	0.082	3.59
10)	TP	1,1-Dichloroet		0.179	0.215	0.216	0.232	0.227	0.229	0.225	0.218	8.26
11)	TP	Carbon disulfide		0.648	0.688	0.696	0.749	0.746	0.761	0.758	0.721	6.05
12)	TP	Freon-113		0.154	0.211	0.230	0.249	0.237	0.238	0.233	0.222	14.44
13)	TP	Iodomethane			0.095	0.112	0.149	0.190	0.222	0.244	*Q	0.9981
14)	TP	Acrolein		0.025	0.028	0.032	0.035	0.035	0.035	0.035	0.032	12.58
15)	TP	Methylene chlo		0.309	0.253	0.251	0.258	0.249	0.250	0.247	0.260	8.51
17)	TP	Acetone		0.188	0.074	0.047	0.048	0.043	0.048	0.041	*L	0.9950
18)	TP	trans-1,2-Dich		0.193	0.250	0.244	0.258	0.251	0.254	0.250	0.243	9.19
19)	TP	Methyl acetate		0.117	0.118	0.123	0.137	0.130	0.131	0.123	0.126	5.91
20)	TP	Methyl tert butyl ether		0.472	0.470	0.491	0.543	0.529	0.531	0.525	0.509	5.95
21)	TP	tert-Butyl alc		0.013	0.011	0.012	0.013	0.013	0.014	0.013	0.013	8.02
22)	TP	Diisopropyl ether		0.935	0.969	1.027	1.095	1.061	1.044	1.017	1.021	5.33
23)	TP	1,1-Dichloroet		0.466	0.518	0.524	0.556	0.535	0.532	0.527	0.523	5.28
24)	TP	Halothane		0.139	0.179	0.182	0.190	0.183	0.185	0.182	0.177	9.67
25)	TP	Acrylonitrile		0.043	0.054	0.060	0.070	0.066	0.065	0.064	0.060	15.20
26)	TP	Ethyl tert-but		0.656	0.685	0.730	0.798	0.782	0.781	0.768	0.743	7.34
27)	TP	Vinyl acetate		0.396	0.442	0.519	0.587	0.568	0.560	0.538	0.516	13.73
28)	TP	cis-1,2-Dichlo		0.246	0.260	0.264	0.280	0.271	0.271	0.272	0.266	4.15
29)	TP	2,2-Dichloropr		0.250	0.310	0.316	0.354	0.338	0.343	0.336	0.321	10.80
30)	TP	Bromochloromet		0.113	0.111	0.109	0.108	0.101	0.099	0.095	0.105	6.55
31)	TP	Cyclohexane		0.341	0.504	0.577	0.636	0.600	0.601	0.588	0.550	18.24
32)	TP	Chloroform		0.397	0.422	0.440	0.454	0.444	0.439	0.430	0.432	4.32
33)	TP	Ethyl acetate		0.121	0.125	0.172	0.196	0.189	0.188	0.180	0.167	18.72
34)	TP	Carbon tetrachloride	0.283	0.213	0.312	0.323	0.358	0.346	0.350	0.336	0.315	15.22
35)	TP	Tetrahydrofuran		0.047	0.051	0.054	0.058	0.053	0.052	0.048	0.052	7.12
36)	S	Dibromofluoromethane	0.251	0.255	0.253	0.253	0.261	0.254	0.255	0.252	0.254	1.14
37)	TP	1,1,1-Trichlor		0.281	0.367	0.380	0.408	0.390	0.388	0.381	0.371	11.16
39)	TP	2-Butanone			0.061	0.068	0.076	0.076	0.075	0.074	0.072	8.40

Initial Calibration Summary
Form 6
Volatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: VOA101**	**Ical Ref**	**: ICAL21969**
Calibration dates	**: 02/08/25 01:30 02/08/25 05:51**		

Calibration Files

L11 =V01250208A03.D L1 =V01250208A05.D L2 =V01250208A07.D L3 =V01250208A09.D L4 =V01250208A10.D

L6 =V01250208A11.D L8 =V01250208A12.D L10 =V01250208A13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP	1,1-Dichloropr		0.225	0.304	0.335	0.362	0.347	0.348	0.343	0.323	14.49
41) TP	Benzene	0.878	0.836	0.935	0.968	1.016	0.989	0.982	0.966	0.946	6.41
42) TP	Tertiary-Amyl Methyl Ether		0.447	0.444	0.486	0.549	0.543	0.547	0.544	0.509	9.46
43) S	1,2-Dichloroethane-d4	0.291	0.296	0.296	0.288	0.297	0.289	0.289	0.287	0.292	1.39
44) TP	1,2-Dichloroethane	0.307	0.324	0.311	0.317	0.327	0.311	0.304	0.295	0.312	3.39
47) TP	Methyl cyclohe		0.281	0.375	0.439	0.483	0.465	0.469	0.462	0.425	17.07
48) TP	Trichloroethene	0.270	0.231	0.262	0.260	0.277	0.266	0.265	0.260	0.261	5.14
50) TP	Dibromomethane		0.113	0.118	0.121	0.128	0.123	0.121	0.119	0.120	3.66
51) TP	1,2-Dichloropr		0.267	0.283	0.284	0.302	0.298	0.295	0.291	0.289	4.10
54) TP	Bromodichlorom		0.291	0.305	0.318	0.339	0.333	0.331	0.328	0.321	5.39
57) TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	15.03
58) TP	cis-1,3-Dichloropropene	0.206	0.247	0.275	0.316	0.364	0.367	0.371	0.369	*Q	0.9995
59) I	Chlorobenzene-d5	----------ISTD----------									
60) S	Toluene-d8	1.318	1.313	1.338	1.335	1.332	1.318	1.335	1.339	1.329	0.79
61) TP	Toluene		0.714	0.778	0.800	0.832	0.822	0.825	0.822	0.799	5.23
62) TP	4-Methyl-2-pen			0.057	0.069	0.084	0.084	0.086	0.084	0.077	15.03
63) TP	Tetrachloroethene	0.276	0.261	0.323	0.331	0.349	0.340	0.343	0.339	0.320	10.36
65) TP	trans-1,3-Dichloropropene	0.232	0.248	0.293	0.348	0.395	0.397	0.406		*Q	0.9994
67) TP	Ethyl methacry			0.178	0.240	0.298	0.301	0.306	0.299	0.270	18.93
68) TP	1,1,2-Trichlor		0.184	0.200	0.202	0.210	0.203	0.202	0.198	0.200	3.97
69) TP	Chlorodibromom		0.233	0.244	0.272	0.296	0.295	0.298	0.296	0.276	9.94
70) TP	1,3-Dichloropr		0.358	0.381	0.415	0.443	0.426	0.425	0.420	0.410	7.23
71) TP	1,2-Dibromoethane		0.179	0.196	0.219	0.236	0.230	0.231	0.228	0.217	9.80
72) TP	2-Hexanone			0.095	0.117	0.145	0.149	0.154	0.149	0.135	17.48
73) TP	Chlorobenzene		0.790	0.870	0.892	0.927	0.911	0.913	0.904	0.887	5.22
74) TP	Ethylbenzene		1.252	1.441	1.589	1.649	1.622	1.630	1.615	1.543	9.45
75) TP	1,1,1,2-Tetrac		0.281	0.290	0.313	0.325	0.322	0.322	0.321	0.311	5.69
76) TP	p/m Xylene		0.439	0.563	0.613	0.640	0.628	0.628	0.611	0.589	11.99
77) TP	o Xylene		0.450	0.540	0.593	0.614	0.601	0.599	0.582	0.568	10.08
78) TP	Styrene		0.609	0.782	0.915	0.962	0.958	0.956	0.918	0.871	15.07
79) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80) TP	Bromoform		0.240	0.247	0.268	0.296	0.296	0.298	0.304	0.278	9.53
82) TP	Isopropylbenzene		2.038	2.579	2.786	2.940	2.943	2.974	3.034	2.756	12.76
83) S	4-Bromofluorobenzene	0.973	0.988	0.981	0.968	0.971	0.971	0.973	1.008	0.979	1.36
84) TP	Bromobenzene		0.546	0.600	0.626	0.642	0.644	0.641	0.653	0.622	6.02
85) TP	n-Propylbenzene		2.494	3.111	3.310	3.461	3.490	3.505		3.228	12.07

Initial Calibration Summary
Form 6
Volatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: VOA101**	**Ical Ref**	**: ICAL21969**
Calibration dates	**: 02/08/25 01:30 02/08/25 05:51**		

Calibration Files
L11 =V01250208A03.D L1 =V01250208A05.D L2 =V01250208A07.D L3 =V01250208A09.D L4 =V01250208A10.D
L6 =V01250208A11.D L8 =V01250208A12.D L10 =V01250208A13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
86) TP	1,4-Dichlorobu		0.801	0.810	0.845	0.881	0.862	0.856	0.859	0.845	3.43
87) TP	1,1,2,2-Tetrachloroethane	0.419	0.499	0.484	0.489	0.518	0.498	0.500	0.499	0.488	6.06
88) TP	4-Ethyltoluene		2.003	2.498	2.689	2.839	2.871	2.888	2.923	2.673	12.37
89) TP	2-Chlorotoluene		1.666	1.962	1.963	2.027	2.036	2.020	2.094	1.967	7.14
90) TP	1,3,5-Trimethy		1.724	2.128	2.204	2.321	2.351	2.354	2.403	2.212	10.65
91) TP	1,2,3-Trichlor		0.377	0.385	0.380	0.402	0.389	0.386	0.384	0.386	2.13
92) TP	trans-1,4-Dich			0.082	0.097	0.108	0.116	0.120	0.125	0.108	14.97
93) TP	4-Chlorotoluene		1.598	1.834	1.943	2.049	2.072	2.081	2.107	1.955	9.43
94) TP	tert-Butylbenzene		1.410	1.757	1.924	2.035	2.059	2.061	2.100	1.907	13.03
97) TP	1,2,4-Trimethy		1.524	1.930	2.131	2.231	2.272	2.276	2.314	2.097	13.56
98) TP	sec-Butylbenzene		1.834	2.475	2.694	2.861	2.914	2.931	2.946	2.665	15.15
99) TP	p-Isopropyltol		1.545	2.035	2.284	2.447	2.510	2.515	2.538	2.268	16.12
100) TP	1,3-Dichlorobe		0.963	1.084	1.124	1.174	1.187	1.183	1.203	1.131	7.52
101) TP	1,4-Dichlorobe		1.123	1.118	1.123	1.175	1.192	1.185	1.200	1.159	3.13
102) TP	p-Diethylbenzene		0.924	1.106	1.271	1.385	1.424	1.432	1.449	1.284	15.59
103) TP	n-Butylbenzene		1.289	1.611	1.819	1.972	2.016	2.023	2.050	1.826	15.51
104) TP	1,2-Dichlorobe		0.906	0.956	0.990	1.042	1.040	1.035	1.046	1.002	5.40
105) TP	1,2,4,5-Tetram		1.206	1.368	1.683	1.873	1.926	1.935	1.982	1.710	18.01
106) TP	1,2-Dibromo-3-		0.032	0.041	0.052	0.060	0.058	0.060	0.061	*L	0.9993
107) TP	1,3,5-Trichlor		0.524	0.549	0.594	0.647	0.659	0.655	0.672	0.614	9.58
108) TP	Hexachlorobuta		0.187	0.203	0.218	0.236	0.239	0.239	0.249	0.224	10.05
109) TP	1,2,4-Trichlor		0.364	0.404	0.450	0.513	0.524	0.523	0.542	0.474	14.60
110) TP	Naphthalene		0.633	0.664	0.797	0.980	0.974	1.001	1.018	0.867	19.18
111) TP	1,2,3-Trichlor		0.336	0.302	0.344	0.386	0.385	0.388	0.397	0.362#	9.82

Initial Calibration Summary
Form 6
Volatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL21992**
Calibration dates	**: 02/14/25 12:39 02/14/25 16:19**		

Calibration Files

L11 =V22250214B03.D L1 =V22250214B04.D L2 =V22250214B06.D L3 =V22250214B08.D L4 =V22250214B09.D

L6 =V22250214B10.D L8 =V22250214B11.D L10 =V22250214B12.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.144	0.163	0.164	0.139	0.133	0.136	0.135	0.145	9.03
3)	TP	Chloromethane		0.150	0.171	0.147	0.132	0.128	0.126	0.124	0.140	12.40
4)	TP	Vinyl chloride	0.279	0.156	0.172	0.163	0.141	0.134	0.135	0.135	*L	0.9989
5)	TP	Bromomethane		0.112	0.122	0.096	0.084	0.087	0.093	0.095	0.098	13.68
6)	TP	Chloroethane		0.123	0.123	0.104	0.092	0.086	0.083	0.078	0.098	18.94
7)	TP	Trichlorofluor		0.194	0.203	0.204	0.175	0.170	0.173	0.176	0.185	8.04
8)	TP	Ethyl ether		0.044	0.054	0.046	0.045	0.046	0.046	0.049	0.047	7.10
10)	TP	1,1-Dichloroet		0.118	0.115	0.114	0.100	0.097	0.101	0.105	0.107	7.79
11)	TP	Carbon disulfide		0.313	0.369	0.332	0.287	0.279	0.287	0.294	0.309	10.44
12)	TP	Freon-113		0.115	0.128	0.125	0.109	0.104	0.110	0.113	0.115	7.53
13)	TP	Iodomethane		0.110	0.153	0.163	0.153	0.156	0.157	0.155	0.150	11.80
14)	TP	Acrolein			0.011	0.010	0.012	0.013	0.012	0.013	0.012	10.54
15)	TP	Methylene chlo		0.158	0.148	0.129	0.116	0.113	0.112	0.114	0.127	14.81
17)	TP	Acetone			0.027	0.023	0.020	0.021	0.021	0.021	0.022	11.75
18)	TP	trans-1,2-Dich		0.125	0.143	0.126	0.111	0.111	0.113	0.116	0.121	9.53
19)	TP	Methyl acetate			0.061	0.051	0.050	0.052	0.052	0.054	0.053	7.84
21)	TP	Methyl tert butyl ether		0.214	0.221	0.217	0.224	0.233	0.239	0.250	0.228	5.76
22)	TP	tert-Butyl alc			0.005	0.005	0.005	0.006	0.006	0.006	0.005#	9.73
24)	TP	Diisopropyl ether		0.307	0.317	0.320	0.334	0.352	0.352	0.368	0.336	6.68
25)	TP	1,1-Dichloroet		0.233	0.238	0.215	0.199	0.196	0.197	0.198	0.211#	8.55
26)	TP	Halothane		0.101	0.113	0.108	0.096	0.093	0.098	0.102	0.102	6.86
27)	TP	Acrylonitrile		0.025	0.029	0.026	0.025	0.027	0.026	0.027	0.026	5.39
28)	TP	Ethyl tert-but		0.217	0.247	0.257	0.274	0.294	0.304	0.316	0.273	12.87
29)	TP	Vinyl acetate			0.187	0.194	0.218	0.238	0.235	0.250	0.220	11.55
30)	TP	cis-1,2-Dichlo		0.144	0.161	0.140	0.129	0.126	0.126	0.128	0.136#	9.45
31)	TP	2,2-Dichloropr		0.170	0.178	0.162	0.150	0.149	0.150	0.154	0.159	7.08
32)	TP	Bromochloromet		0.083	0.082	0.073	0.067	0.064	0.063	0.064	0.071#	11.93
33)	TP	Cyclohexane		0.144	0.179	0.205	0.182	0.186	0.197	0.204	0.185	11.36
34)	TP	Chloroform		0.248	0.260	0.213	0.197	0.200	0.200	0.199	0.217#	12.03
35)	TP	Ethyl acetate			0.065	0.067	0.072	0.076	0.076	0.080	0.073	8.14
36)	TP	Carbon tetrachloride	0.226	0.163	0.190	0.190	0.166	0.165	0.172	0.179	0.181	11.52
37)	TP	Tetrahydrofuran			0.021	0.021	0.019	0.021	0.021	0.022	0.021	4.14
38)	S	Dibromofluoromethane	0.310	0.318	0.309	0.284	0.271	0.270	0.269	0.271	0.288	7.30
39)	TP	1,1,1-Trichlor		0.187	0.204	0.195	0.178	0.175	0.179	0.183	0.186	5.60
41)	TP	2-Butanone			0.032	0.030	0.032	0.035	0.033	0.035	0.033	5.51

Initial Calibration Summary
Form 6
Volatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL21992**
Calibration dates	**: 02/14/25 12:39 02/14/25 16:19**		

Calibration Files
L11 =V22250214B03.D L1 =V22250214B04.D L2 =V22250214B06.D L3 =V22250214B08.D L4 =V22250214B09.D
L6 =V22250214B10.D L8 =V22250214B11.D L10 =V22250214B12.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
42) TP	1,1-Dichloropr		0.121	0.136	0.149	0.150	0.143	0.146	0.149	0.142	7.43
44) TP	Benzene	0.612	0.437	0.463	0.443	0.427	0.428	0.427	0.433	0.459	13.79
45) TP	Tertiary-Amyl Methyl Ether		0.195	0.205	0.206	0.227	0.253	0.259	0.274	0.231	13.40
46) S	1,2-Dichloroethane-d4	0.264	0.276	0.272	0.247	0.246	0.246	0.245	0.255	0.256	4.96
47) T	1,2-Dichloroethane-d4	0.146	0.166	0.164	0.141	0.136	0.136	0.134	0.137	0.145	8.83
50) TP	Methyl cyclohe		0.111	0.142	0.168	0.156	0.166	0.179	0.186	0.158	16.06
51) TP	Trichloroethene	0.221	0.142	0.135	0.132	0.126	0.125	0.129	0.133	*L	0.9994
53) TP	Dibromomethane		0.062	0.061	0.051	0.050	0.049	0.049	0.049	0.053	11.15
54) TP	1,2-Dichloropr		0.105	0.118	0.113	0.113	0.115	0.114	0.116	0.113#	3.70
56) TP	2-Chloroethyl			0.035	0.040	0.047	0.052	0.052	0.055	0.047	16.60
57) TP	Bromodichlorom		0.158	0.171	0.158	0.159	0.161	0.162	0.166	0.162#	3.03
60) TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	6.79
61) TP	cis-1,3-Dichloropropene	0.121	0.144	0.156	0.167	0.176	0.186	0.186	0.189	0.166#	14.45
62) I	Chlorobenzene-d5	----------ISTD----------									
63) S	Toluene-d8	1.269	1.252	1.248	1.278	1.267	1.275	1.263	1.245	1.262	0.99
64) TP	Toluene		0.361	0.404	0.386	0.369	0.371	0.370	0.378	0.377	3.78
65) TP	4-Methyl-2-pen			0.021	0.023	0.027	0.032	0.032	0.035	0.028#	19.53
66) TP	Tetrachloroethene	0.248	0.160	0.170	0.179	0.169	0.171	0.175	0.179	0.181	15.21
68) TP	trans-1,3-Dichloropropene	0.114	0.134	0.147	0.172	0.192	0.206	0.204	0.209	*Q	0.9994
70) TP	Ethyl methacry		0.077	0.082	0.092	0.105	0.118	0.118	0.125	0.102	18.61
71) TP	1,1,2-Trichlor		0.087	0.092	0.094	0.099	0.103	0.101	0.103	0.097#	6.46
72) TP	Chlorodibromom		0.126	0.141	0.150	0.161	0.171	0.170	0.174	0.156#	11.59
73) TP	1,3-Dichloropr		0.164	0.180	0.192	0.195	0.202	0.199	0.202	0.191	7.34
74) TP	1,2-Dibromoethane		0.101	0.107	0.116	0.123	0.129	0.128	0.130	0.119#	9.55
76) TP	2-Hexanone			0.039	0.042	0.048	0.056	0.057	0.059	0.050	16.46
77) TP	Chlorobenzene		0.493	0.526	0.476	0.454	0.459	0.453	0.457	0.474	5.70
78) TP	Ethylbenzene		0.648	0.729	0.743	0.721	0.730	0.727	0.722	0.717	4.35
79) TP	1,1,1,2-Tetrac		0.138	0.149	0.152	0.161	0.171	0.170	0.172	0.159	8.23
80) TP	p/m Xylene		0.244	0.285	0.299	0.288	0.291	0.292	0.298	0.285	6.58
81) TP	o Xylene		0.232	0.280	0.284	0.285	0.295	0.294	0.300	0.281	8.09
82) TP	Styrene		0.342	0.415	0.467	0.482	0.507	0.502	0.500	0.459	13.20
83) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
84) TP	Bromoform		0.151	0.164	0.166	0.180	0.201	0.208	0.221	0.185	14.13
86) TP	Isopropylbenzene		1.055	1.344	1.427	1.361	1.368	1.413	1.407	1.339	9.63
87) S	4-Bromofluorobenzene	0.811	0.811	0.810	0.815	0.812	0.813	0.823	0.815	0.814	0.51
88) TP	Bromobenzene		0.383	0.396	0.382	0.364	0.364	0.372	0.373	0.376	3.08

Initial Calibration Summary
Form 6
Volatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL21992**
Calibration dates	**: 02/14/25 12:39 02/14/25 16:19**		

Calibration Files
L11 =V22250214B03.D L1 =V22250214B04.D L2 =V22250214B06.D L3 =V22250214B08.D L4 =V22250214B09.D
L6 =V22250214B10.D L8 =V22250214B11.D L10 =V22250214B12.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
89) TP	n-Propylbenzene		1.328	1.503	1.586	1.494	1.509	1.560	1.557	1.505	5.68
90) TP	1,4-Dichlorobu		0.288	0.332	0.330	0.333	0.352	0.356	0.373	0.338	7.99
91) TP	1,1,2,2-Tetrachloroethane	0.234	0.267	0.273	0.257	0.262	0.271	0.269	0.276	0.264	5.10
92) TP	4-Ethyltoluene		1.028	1.229	1.356	1.297	1.302	1.330	1.338	1.269	8.97
93) TP	2-Chlorotoluene		0.950	1.032	1.010	0.918	0.919	0.935	0.957	0.960	4.63
94) TP	1,3,5-Trimethy		0.884	1.046	1.089	1.052	1.086	1.128	1.146	1.061	8.14
95) TP	1,2,3-Trichlor		0.199	0.204	0.195	0.193	0.201	0.203	0.213	0.201	3.24
96) TP	trans-1,4-Dich		0.060	0.067	0.066	0.069	0.074	0.075	0.078	0.070	8.76
97) TP	4-Chlorotoluene		0.919	1.020	1.021	0.977	0.977	0.995	1.002	0.987	3.53
98) TP	tert-Butylbenzene		0.850	1.051	1.132	1.072	1.084	1.124	1.140	1.065	9.44
101) TP	1,2,4-Trimethy		0.942	1.178	1.243	1.212	1.282	1.306	1.305	1.210	10.53
102) TP	sec-Butylbenzene		0.900	1.176	1.338	1.265	1.281	1.320	1.320	1.229	12.59
103) TP	p-Isopropyltol		0.776	0.997	1.145	1.104	1.143	1.178	1.174	1.074	13.50
104) TP	1,3-Dichlorobe		0.723	0.799	0.746	0.714	0.715	0.723	0.724	0.735	4.11
105) TP	1,4-Dichlorobe		0.782	0.805	0.753	0.721	0.713	0.724	0.724	0.746	4.73
106) TP	p-Diethylbenzene		0.450	0.555	0.647	0.639	0.667	0.696	0.703	0.622	14.53
107) TP	n-Butylbenzene		0.643	0.793	0.880	0.841	0.867	0.893	0.893	0.830	10.78
108) TP	1,2-Dichlorobe		0.722	0.728	0.691	0.674	0.683	0.682	0.681	0.694	3.11
109) TP	1,2,4,5-Tetram		0.639	0.802	0.983	1.041	1.099	1.119	1.120	0.972	18.98
110) TP	1,2-Dibromo-3-		0.034	0.038	0.042	0.044	0.049	0.049	0.052	0.044	14.44
111) TP	1,3,5-Trichlor		0.424	0.471	0.459	0.440	0.436	0.444	0.443	0.445	3.40
112) TP	Hexachlorobuta		0.127	0.129	0.134	0.123	0.122	0.131	0.135	0.129	3.96
113) TP	1,2,4-Trichlor		0.407	0.398	0.416	0.410	0.411	0.414	0.419	0.411	1.67
114) TP	Naphthalene		0.773	0.777	0.886	0.957	0.986	0.970	0.972	0.903	10.31
115) TP	1,2,3-Trichlor		0.330	0.354	0.372	0.364	0.364	0.369	0.368	0.360#	4.03

Initial Calibration Summary
Form 6
Volatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL22014**
Calibration dates	**: 02/21/25 00:05 02/21/25 03:54**		

Calibration Files

L11 =V05250220N04.D L1 =V05250220N05.D L2 =V05250220N07.D L3 =V05250220N09.D L4 =V05250220N10.D

L6 =V05250220N11.D L8 =V05250220N12.D L10 =V05250220N13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.174	0.337	0.338	0.332	0.315	0.307	0.287	0.299	19.39
3)	TP	Chloromethane		0.314	0.435	0.413	0.403	0.390	0.376	0.363	0.385	10.14
4)	TP	Vinyl chloride	0.240	0.160	0.275	0.269	0.266	0.266	0.299	0.288	0.258	16.79
5)	TP	Bromomethane		0.082	0.103	0.108	0.114	0.128	0.137	0.140	0.116	17.75
6)	TP	Chloroethane		0.086	0.148	0.142	0.140	0.137	0.131	0.122	0.130	15.96
7)	TP	Trichlorofluor		0.209	0.394	0.392	0.383	0.368	0.350	0.325	0.346	18.79
8)	TP	Ethyl ether		0.057	0.068	0.077	0.075	0.075	0.076	0.073	0.072	9.58
10)	TP	1,1-Dichloroet		0.103	0.174	0.182	0.177	0.177	0.174	0.169	0.165	16.75
11)	TP	Carbon disulfide		0.356	0.531	0.536	0.531	0.543	0.540	0.526	0.509	13.34
12)	TP	Freon-113		0.106	0.207	0.207	0.204	0.199	0.195	0.183	0.186	19.42
13)	TP	Iodomethane		0.258	0.332	0.362	0.372	0.374	0.326	0.300	0.332	12.82
14)	TP	Acrolein			0.019	0.028	0.031	0.032	0.034	0.032	0.029	18.51
15)	TP	Methylene chlo		0.233	0.255	0.244	0.235	0.230	0.229	0.221	0.235	4.74
17)	TP	Acetone			0.069	0.052	0.045	0.042	0.043	0.041	*L	0.9992
18)	TP	trans-1,2-Dich		0.145	0.248	0.245	0.240	0.238	0.234	0.226	0.225	15.98
19)	TP	Methyl acetate			0.086	0.116	0.120	0.119	0.122	0.111	0.112	11.95
20)	TP	Methyl tert butyl ether		0.355	0.414	0.478	0.485	0.492	0.499	0.481	0.458	11.61
21)	TP	tert-Butyl alc			0.008	0.011	0.010	0.011	0.011	0.011	0.010	13.38
22)	TP	Diisopropyl ether		0.708	0.836	0.915	0.926	0.916	0.905	0.857	0.866	8.95
23)	TP	1,1-Dichloroet		0.380	0.513	0.520	0.501	0.488	0.478	0.461	0.477	9.96
24)	TP	Halothane		0.126	0.185	0.199	0.193	0.188	0.185	0.178	0.179	13.50
25)	TP	Acrylonitrile			0.055	0.069	0.067	0.068	0.070	0.065	0.066	8.67
26)	TP	Ethyl tert-but		0.520	0.620	0.705	0.721	0.733	0.733	0.700	0.676	11.69
27)	TP	Vinyl acetate			0.320	0.410	0.444	0.464	0.473	0.448	0.427	13.27
28)	TP	cis-1,2-Dichlo		0.177	0.260	0.269	0.259	0.255	0.251	0.243	0.245	12.69
29)	TP	2,2-Dichloropr		0.213	0.340	0.337	0.355	0.353	0.348	0.336	0.326	15.45
30)	TP	Bromochloromet		0.094	0.136	0.136	0.128	0.121	0.116	0.108	0.120	12.82
31)	TP	Cyclohexane		0.306	0.587	0.622	0.609	0.582	0.569	0.529	*Q	1.0000
32)	TP	Chloroform		0.351	0.450	0.449	0.429	0.419	0.409	0.391	0.414	8.47
33)	TP	Ethyl acetate			0.128	0.178	0.172	0.177	0.183	0.172	0.168	11.94
34)	TP	Carbon tetrachloride	0.280	0.232	0.361	0.386	0.386	0.384	0.375	0.356	0.345	16.63
35)	TP	Tetrahydrofuran			0.047	0.053	0.051	0.050	0.055	0.051	0.051	5.51
36)	S	Dibromofluoromethane	0.278	0.281	0.295	0.286	0.288	0.278	0.271	0.266	0.280	3.29
37)	TP	1,1,1-Trichlor		0.242	0.404	0.413	0.409	0.401	0.391	0.373	0.376	16.17
39)	TP	2-Butanone			0.072	0.092	0.085	0.084	0.086	0.080	0.083	7.98

Initial Calibration Summary
Form 6
Volatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL22014**
Calibration dates	**: 02/21/25 00:05 02/21/25 03:54**		

Calibration Files
L11 =V05250220N04.D L1 =V05250220N05.D L2 =V05250220N07.D L3 =V05250220N09.D L4 =V05250220N10.D
L6 =V05250220N11.D L8 =V05250220N12.D L10 =V05250220N13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP	1,1-Dichloropr		0.164	0.290	0.338	0.333	0.328	0.325	0.311	*L	0.9991
41) TP	Benzene	0.739	0.658	0.920	0.935	0.907	0.893	0.883	0.855	0.849	11.56
42) TP	Tertiary-Amyl Methyl Ether		0.350	0.393	0.446	0.462	0.481	0.494	0.480	0.444	11.98
43) S	1,2-Dichloroethane-d4	0.328	0.330	0.335	0.346	0.320	0.316	0.309	0.302	0.323	4.38
44) TP	1,2-Dichloroethane	0.273	0.305	0.349	0.351	0.331	0.322	0.314	0.298	0.318	8.23
47) TP	Methyl cyclohe		0.229	0.416	0.444	0.447	0.438	0.439	0.413	0.404	19.40
48) TP	Trichloroethene	0.220	0.193	0.266	0.268	0.258	0.252	0.246	0.237	0.242	10.53
50) TP	Dibromomethane		0.098	0.124	0.133	0.129	0.126	0.128	0.124	0.123	9.30
51) TP	1,2-Dichloropr		0.213	0.258	0.274	0.272	0.268	0.267	0.260	0.259	8.15
53) TP	2-Chloroethyl			0.084	0.117	0.127	0.135	0.138	0.135	0.123	16.54
54) TP	Bromodichlorom		0.233	0.301	0.321	0.322	0.320	0.320	0.310	0.304	10.60
57) TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	13.11
58) TP	cis-1,3-Dichloropropene	0.194	0.208	0.282	0.339	0.351	0.361	0.364		*Q	0.9998
59) I	Chlorobenzene-d5	----------ISTD----------									
60) S	Toluene-d8	1.296	1.313	1.309	1.319	1.297	1.290	1.294	1.300	1.302	0.79
61) TP	Toluene		0.567	0.769	0.788	0.748	0.739	0.731	0.715	0.723	10.03
62) TP	4-Methyl-2-pen			0.055	0.072	0.075	0.079	0.082	0.079	0.074	13.62
63) TP	Tetrachloroethene	0.306	0.236	0.379	0.391	0.377	0.369	0.365	0.353	0.347	14.95
65) TP	trans-1,3-Dichloropropene	0.176	0.207	0.287	0.360	0.374	0.384	0.390		*Q	0.9997
67) TP	Ethyl methacry			0.157	0.215	0.228	0.237	0.243	0.237	0.220	14.65
68) TP	1,1,2-Trichlor		0.159	0.177	0.195	0.183	0.178	0.180	0.173	0.178#	6.15
69) TP	Chlorodibromom		0.204	0.266	0.310	0.309	0.311	0.314	0.308	0.289	14.23
70) TP	1,3-Dichloropr		0.323	0.366	0.402	0.385	0.382	0.385	0.373	0.374	6.70
71) TP	1,2-Dibromoethane		0.150	0.207	0.230	0.228	0.227	0.231	0.223	0.214	13.72
72) TP	2-Hexanone			0.081	0.117	0.122	0.130	0.137	0.133	0.120	16.97
73) TP	Chlorobenzene		0.723	0.901	0.931	0.894	0.877	0.865	0.847	0.863	7.79
74) TP	Ethylbenzene		1.003	1.432	1.528	1.482	1.458	1.436	1.393	1.390	12.66
75) TP	1,1,1,2-Tetrac		0.248	0.298	0.336	0.326	0.331	0.328	0.318	0.312	9.90
76) TP	p/m Xylene		0.368	0.549	0.613	0.585	0.568	0.554	0.531	0.538	14.84
77) TP	o Xylene		0.338	0.533	0.583	0.560	0.547	0.536	0.514	0.516	15.80
78) TP	Styrene		0.538	0.846	0.948	0.913	0.892	0.872	0.829	0.834	16.37
79) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80) TP	Bromoform		0.180	0.239	0.292	0.294	0.306	0.341	0.335	*L	0.9977
82) TP	Isopropylbenzene		1.482	2.394	2.686	2.650	2.643	2.657	2.634	2.449	17.87
83) S	4-Bromofluorobenzene	0.826	0.802	0.785	0.790	0.777	0.780	0.816	0.820	0.799	2.40
84) TP	Bromobenzene		0.485	0.606	0.638	0.625	0.625	0.636	0.633	0.607	9.00

Initial Calibration Summary
Form 6
Volatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL22014**
Calibration dates	**: 02/21/25 00:05 02/21/25 03:54**		

Calibration Files
L11 =V05250220N04.D L1 =V05250220N05.D L2 =V05250220N07.D L3 =V05250220N09.D L4 =V05250220N10.D
L6 =V05250220N11.D L8 =V05250220N12.D L10 =V05250220N13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP	n-Propylbenzene		1.941	2.853	3.057	3.010	2.996	3.009	2.947	2.830	14.04
86) TP	1,4-Dichlorobu		0.776	0.764	0.799	0.756	0.750	0.766	0.740	0.764	2.53
87) TP	1,1,2,2-Tetrachloroethane	0.405	0.426	0.419	0.440	0.417	0.417	0.430	0.418	0.422	2.48
88) TP	4-Ethyltoluene		1.553	2.410	2.639	2.601	2.579	2.569	2.507	2.408	15.96
89) TP	2-Chlorotoluene		1.312	1.791	1.817	1.746	1.721	1.736	1.651	1.682	10.20
90) TP	1,3,5-Trimethy		1.444	2.172	2.322	2.264	2.223	2.210	2.160	2.113	14.21
91) TP	1,2,3-Trichlor		0.333	0.332	0.351	0.331	0.328	0.337	0.329	0.334	2.39
92) TP	trans-1,4-Dich			0.128	0.157	0.148	0.152	0.158	0.153	0.149	7.48
93) TP	4-Chlorotoluene		1.359	1.796	1.817	1.795	1.791	1.798	1.788	1.735	9.57
94) TP	tert-Butylbenzene		1.145	1.818	2.009	2.001	1.984	2.000	1.953	1.844	17.10
97) TP	1,2,4-Trimethy		1.231	1.953	2.230	2.202	2.184	2.179	2.127	2.015	17.76
98) TP	sec-Butylbenzene		1.603	2.645	2.852	2.803	2.793	2.786	2.706	2.598	17.10
99) TP	p-Isopropyltol		1.320	2.235	2.541	2.539	2.536	2.528	2.448	2.307	19.46
100) TP	1,3-Dichlorobe		0.959	1.257	1.307	1.272	1.258	1.261	1.230	1.220	9.63
101) TP	1,4-Dichlorobe		1.135	1.300	1.317	1.280	1.255	1.257	1.235	1.254	4.74
102) TP	p-Diethylbenzene		0.813	1.272	1.461	1.492	1.489	1.495	1.456	1.354	18.55
103) TP	n-Butylbenzene		1.124	1.903	1.985	1.965	1.953	1.962	1.886	1.826	17.05
104) TP	1,2-Dichlorobe		0.902	1.132	1.182	1.145	1.130	1.137	1.105	1.105	8.34
105) TP	1,2,4,5-Tetram			1.554	2.062	2.171	2.202	2.217	2.158	2.061	12.33
106) TP	1,2-Dibromo-3-		0.015	0.052	0.065	0.067	0.072	0.074	0.073	*L	0.9994
107) TP	1,3,5-Trichlor		0.598	0.808	0.870	0.854	0.858	0.861	0.833	0.812	11.88
108) TP	Hexachlorobuta		0.192	0.283	0.297	0.298	0.304	0.311	0.305	0.284	14.67
109) TP	1,2,4-Trichlor		0.471	0.644	0.722	0.728	0.724	0.736	0.712	0.677	14.13
110) TP	Naphthalene		0.895	1.110	1.472	1.497	1.496	1.547	1.476	1.356	18.50
111) TP	1,2,3-Trichlor		0.397	0.541	0.624	0.609	0.600	0.610	0.593	0.568	14.08

Initial Calibration Summary
Form 6
Volatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: ELAINE**	**Ical Ref**	**: ICAL22018**
Calibration dates	**: 02/20/25 23:45 02/21/25 03:46**		

Calibration Files
L11 =VE250220N04.D L1 =VE250220N06.D L2 =VE250220N08.D L3 =VE250220N10.D L4 =VE250220N11.D
L6 =VE250220N12.D L8 =VE250220N13.D L10 =VE250220N14.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.172	0.288	0.300	0.279	0.262	0.254	0.247	0.257	16.40
3)	TP	Chloromethane		0.230	0.249	0.263	0.237	0.222	0.213	0.210	0.232	8.28
4)	TP	Vinyl chloride	0.299	0.242	0.351	0.335	0.313	0.296	0.291	0.283	0.301	11.09
5)	TP	Bromomethane		0.214	0.301	0.289	0.268	0.264	0.262	0.263	0.266	10.33
6)	TP	Chloroethane		0.188	0.260	0.262	0.237	0.228	0.221	0.218	0.231	11.16
7)	TP	Trichlorofluor		0.418	0.582	0.590	0.540	0.510	0.505	0.490	0.519	11.32
8)	TP	Ethyl ether		0.125	0.163	0.170	0.162	0.157	0.155	0.152	0.155	9.44
10)	TP	1,1-Dichloroet		0.225	0.309	0.310	0.297	0.281	0.271	0.273	0.281	10.48
11)	TP	Carbon disulfide		0.635	0.883	0.851	0.866	0.802	0.746	0.759	0.792	10.96
12)	TP	Freon-113			0.278	0.284	0.297	0.266	0.243	0.250	0.270	7.73
13)	TP	Iodomethane		0.225	0.284	0.292	0.283	0.278	0.274	0.279	0.273	8.15
14)	TP	Acrolein			0.022	0.022	0.022	0.023	0.023	0.023	0.022	2.96
15)	TP	Methylene chlo		0.255	0.255	0.249	0.230	0.222	0.218	0.220	0.235	7.00
17)	TP	Acetone			0.049	0.038	0.041	0.039	0.036	0.036	0.040	12.18
18)	TP	trans-1,2-Dich		0.197	0.243	0.241	0.222	0.216	0.211	0.213	0.220	7.50
19)	TP	Methyl acetate			0.113	0.106	0.097	0.095	0.094	0.094	0.100	8.05
21)	TP	Methyl tert butyl ether		0.423	0.489	0.519	0.539	0.559	0.551	0.555	0.519	9.43
22)	TP	tert-Butyl alc			0.007	0.010	0.010	0.010	0.010	0.009	0.009#	12.17
24)	TP	Diisopropyl ether		0.479	0.558	0.583	0.576	0.599	0.595	0.609	0.571	7.74
25)	TP	1,1-Dichloroet		0.391	0.456	0.441	0.413	0.391	0.378	0.380	0.407	7.57
26)	TP	Halothane		0.115	0.179	0.182	0.172	0.166	0.162	0.163	0.163	13.84
27)	TP	Acrylonitrile			0.052	0.055	0.051	0.050	0.048	0.050	0.051	5.22
28)	TP	Ethyl tert-but		0.432	0.519	0.544	0.555	0.596	0.603	0.630	0.554	11.94
29)	TP	Vinyl acetate			0.346	0.382	0.415	0.410	0.444	0.431	0.405	8.81
30)	TP	cis-1,2-Dichlo		0.235	0.287	0.279	0.259	0.249	0.243	0.244	0.257	7.60
31)	TP	2,2-Dichloropr		0.295	0.377	0.359	0.352	0.336	0.322	0.321	0.337	8.14
33)	TP	Bromochloromet		0.108	0.128	0.127	0.117	0.114	0.111	0.115	0.117	6.70
34)	TP	Cyclohexane		0.281	0.387	0.429	0.410	0.388	0.379	0.376	0.378	12.40
35)	TP	Chloroform		0.388	0.455	0.437	0.404	0.386	0.372	0.380	0.403	7.76
36)	TP	Ethyl acetate			0.118	0.131	0.137	0.140	0.136	0.135	0.133	5.81
37)	TP	Carbon tetrachloride	0.256	0.223	0.316	0.331	0.326	0.314	0.304	0.317	0.298	12.75
38)	TP	Tetrahydrofuran			0.044	0.046	0.042	0.040	0.039	0.041	0.042	6.02
39)	S	Dibromofluoromethane	0.301	0.300	0.285	0.282	0.266	0.255	0.247	0.248	0.273	8.04
40)	TP	1,1,1-Trichlor		0.243	0.358	0.374	0.356	0.335	0.326	0.329	0.332	12.85
42)	TP	2-Butanone			0.052	0.055	0.058	0.059	0.055	0.056	0.056	4.70

Initial Calibration Summary
Form 6
Volatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: ELAINE**	**Ical Ref**	**: ICAL22018**
Calibration dates	**: 02/20/25 23:45 02/21/25 03:46**		

Calibration Files
L11 =VE250220N04.D L1 =VE250220N06.D L2 =VE250220N08.D L3 =VE250220N10.D L4 =VE250220N11.D
L6 =VE250220N12.D L8 =VE250220N13.D L10 =VE250220N14.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
43) TP	1,1-Dichloropr		0.205	0.271	0.284	0.290	0.283	0.275	0.277	0.269	10.84
45) TP	Benzene	0.921	0.740	0.889	0.905	0.906	0.908	0.902	0.930	0.888	6.86
46) TP	Tertiary-Amyl Methyl Ether		0.469	0.492	0.518	0.517	0.545	0.551	0.577	0.524	7.02
47) S	1,2-Dichloroethane-d4	0.304	0.300	0.301	0.299	0.289	0.266	0.275	0.278	0.289	4.98
48) T	1,2-Dichloroethane	0.265	0.290	0.298	0.299	0.280	0.273	0.268	0.270	0.280	4.86
51) TP	Methyl cyclohe		0.255	0.386	0.415	0.411	0.419	0.428	0.445	0.394	16.21
52) TP	Trichloroethene	0.160	0.159	0.213	0.227	0.233	0.239	0.236	0.256	0.215	16.99
54) TP	Dibromomethane		0.127	0.143	0.143	0.135	0.133	0.130	0.133	0.135	4.53
55) TP	1,2-Dichloropr		0.150	0.207	0.224	0.224	0.223	0.217	0.218	0.209	12.84
57) TP	2-Chloroethyl		0.063	0.067	0.089	0.093	0.100	0.099	0.101	0.087	18.08
58) TP	Bromodichlorom		0.253	0.293	0.315	0.318	0.311	0.304	0.309	0.300	7.48
61) TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	11.82
62) TP	cis-1,3-Dichloropropene	0.218	0.241	0.310	0.341	0.367	0.375	0.370	0.378	0.325	19.48
63) I	Chlorobenzene-d5	----------ISTD----------									
64) S	Toluene-d8	1.375	1.381	1.352	1.353	1.332	1.298	1.269	1.226	1.323	4.12
65) TP	Toluene		0.652	0.749	0.792	0.756	0.760	0.753	0.773	0.748	6.00
66) TP	4-Methyl-2-pen			0.060	0.063	0.065	0.065	0.065	0.064	0.064	3.59
67) TP	Tetrachloroethene	0.266	0.232	0.289	0.302	0.300	0.300	0.300	0.312	0.288	9.09
69) TP	trans-1,3-Dichloropropene	0.286	0.253	0.318	0.362	0.404	0.426	0.420	0.424	0.362	18.89
71) TP	Ethyl methacry		0.172	0.229	0.279	0.278	0.275	0.277	0.278	0.255	16.05
72) TP	1,1,2-Trichlor		0.146	0.172	0.187	0.194	0.204	0.203	0.208	0.188#	11.86
73) TP	Chlorodibromom		0.182	0.210	0.253	0.280	0.300	0.300	0.305	0.261	18.59
74) TP	1,3-Dichloropr		0.295	0.369	0.396	0.412	0.422	0.414	0.410	0.388	11.51
75) TP	1,2-Dibromoethane		0.153	0.194	0.222	0.229	0.237	0.234	0.235	0.215	14.48
77) TP	2-Hexanone		0.069	0.092	0.109	0.112	0.112	0.108	0.108	0.102	15.65
78) TP	Chlorobenzene		0.740	0.854	0.883	0.863	0.865	0.864	0.888	0.851	5.92
79) TP	Ethylbenzene		1.195	1.460	1.547	1.565	1.559	1.555	1.600	1.497	9.34
80) TP	1,1,1,2-Tetrac		0.197	0.239	0.258	0.273	0.291	0.293	0.306	0.265	14.22
81) TP	p/m Xylene		0.452	0.574	0.596	0.616	0.639	0.665	0.745	0.613	14.67
82) TP	o Xylene		0.436	0.562	0.586	0.607	0.651	0.678	0.748	0.610	16.18
83) TP	Styrene		0.729	0.897	0.974	1.044	1.142	1.182	1.302	1.039	18.45
84) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
85) TP	Bromoform		0.163	0.206	0.263	0.286	0.314	0.325	0.339	*Q	0.9996
87) TP	Isopropylbenzene		2.052	2.741	2.957	2.936	2.875	2.892	2.855	2.758	11.57
88) S	4-Bromofluorobenzene	0.835	0.818	0.826	0.855	0.819	0.768	0.761	0.719	0.800	5.71
89) TP	Bromobenzene		0.524	0.632	0.665	0.635	0.615	0.622	0.615	0.615	7.11

Initial Calibration Summary
Form 6
Volatiles

Client	**: P. W. Grosser**	**Lab Number**	**: L2512368**
Project Name	**: ROANOKE SAND AND GRAVEL**	**Project Number**	**: BSD1504**
Instrument ID	**: ELAINE**	**Ical Ref**	**: ICAL22018**
Calibration dates	**: 02/20/25 23:45 02/21/25 03:46**		

Calibration Files
L11 =VE250220N04.D L1 =VE250220N06.D L2 =VE250220N08.D L3 =VE250220N10.D L4 =VE250220N11.D
L6 =VE250220N12.D L8 =VE250220N13.D L10 =VE250220N14.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
90) TP	n-Propylbenzene		2.524	3.335	3.548	3.498	3.438	3.489	3.441	3.325	10.80
91) TP	1,4-Dichlorobu		0.572	0.622	0.675	0.627	0.598	0.589	0.570	0.607	6.15
92) TP	1,1,2,2-Tetrachloroethane	0.359	0.484	0.484	0.522	0.500	0.472	0.476	0.452	0.469	10.39
93) TP	4-Ethyltoluene		2.109	2.792	2.980	2.903	2.808	2.841	2.806	2.748	10.55
94) TP	2-Chlorotoluene		1.567	1.903	2.008	2.031	1.890	1.933	1.875	1.887	8.10
95) TP	1,3,5-Trimethy		1.881	2.415	2.558	2.557	2.524	2.582	2.630	2.450	10.59
96) TP	1,2,3-Trichlor		0.348	0.390	0.433	0.400	0.398	0.401	0.404	0.396	6.40
97) TP	trans-1,4-Dich			0.126	0.140	0.142	0.138	0.137	0.128	0.135	4.89
98) TP	4-Chlorotoluene		1.671	1.982	2.073	2.015	1.963	2.002	1.999	1.958	6.70
99) TP	tert-Butylbenzene		1.533	2.026	2.148	2.139	2.119	2.157	2.170	2.042	11.23
102) TP	1,2,4-Trimethy		1.742	2.286	2.503	2.536	2.563	2.573	2.583	2.398	12.80
103) TP	sec-Butylbenzene		2.345	2.992	3.259	3.285	3.242	3.278	3.267	3.096	11.20
104) TP	p-Isopropyltol		1.987	2.599	2.810	2.853	2.870	2.891	2.989	2.714	12.59
105) TP	1,3-Dichlorobe		1.237	1.314	1.364	1.351	1.352	1.362	1.392	1.339	3.77
106) TP	1,4-Dichlorobe		1.171	1.306	1.382	1.355	1.344	1.355	1.413	1.332	5.89
107) TP	p-Diethylbenzene		1.053	1.474	1.675	1.716	1.727	1.765	1.850	1.609	16.82
108) TP	n-Butylbenzene		1.566	2.261	2.433	2.538	2.507	2.475	2.517	2.328	14.98
109) TP	1,2-Dichlorobe		1.178	1.233	1.301	1.262	1.258	1.261	1.312	1.258	3.54
110) TP	1,2,4,5-Tetram		1.774	2.281	2.530	2.598	2.731	2.926	2.926	2.538	16.02
111) TP	1,2-Dibromo-3-		0.029	0.052	0.074	0.076	0.075	0.077	0.074	*L	0.9994
112) TP	1,3,5-Trichlor		0.759	0.886	0.924	0.943	0.933	0.993	1.009	0.921	8.97
113) TP	Hexachlorobuta		0.155	0.255	0.265	0.265	0.246	0.256	0.255	0.243	16.11
114) TP	1,2,4-Trichlor		0.702	0.743	0.820	0.813	0.799	0.827	0.847	0.793	6.52
115) TP	Naphthalene		1.702	1.794	1.965	1.941	1.957	1.955	1.895	1.887	5.37
116) TP	1,2,3-Trichlor		0.670	0.706	0.743	0.735	0.738	0.747	0.754	0.727	4.08

Response Factor Report VOA 101

Method Path : K:\VOA101\2025\250208AICAL\
Method File : V101_250208A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Feb 12 10:30:07 2025
Response Via : Initial Calibration

Calibration Files
L11 =V01250208A03.D L1 =V01250208A05.D L2 =V01250208A07.D L3 =V01250208A09.D L4 =V01250208A10.D
L6 =V01250208A11.D L8 =V01250208A12.D L10 =V01250208A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------	----------	ISTD	----------	----------	----------	----------	----------		
2)	TP	Dichlorodifluo...		0.187	0.259	0.279	0.301	0.281	0.281	0.274	0.266	13.92
3)	TP	Chloromethane		0.503	0.491	0.470	0.494	0.493	0.498	0.497	0.492	2.18
4)	TP	Vinyl chloride	0.274	0.226	0.300	0.310	0.336	0.332	0.353	0.348	0.310	13.86
5)	TP	Bromomethane		0.056	0.051	0.056	0.071	0.085	0.092		*Q	0.9993
6)	TP	Chloroethane		0.138	0.150	0.149	0.156	0.149	0.148	0.143	0.148	3.90
7)	TP	Trichlorofluor...		0.232	0.328	0.333	0.359	0.337	0.339	0.333	0.323	12.77
8)	TP	Ethyl ether		0.086	0.078	0.078	0.085	0.082	0.083	0.084	0.082	3.59
10)	TP	1,1-Dichloroet...		0.179	0.215	0.216	0.232	0.227	0.229	0.225	0.218	8.26
11)	TP	Carbon disulfide		0.648	0.688	0.696	0.749	0.746	0.761	0.758	0.721	6.05
12)	TP	Freon-113		0.154	0.211	0.230	0.249	0.237	0.238	0.233	0.222	14.44
13)	TP	Iodomethane			0.095	0.112	0.149	0.190	0.222	0.244	*Q	0.9981
14)	TP	Acrolein		0.025	0.028	0.032	0.035	0.035	0.035	0.035	0.032	12.58
15)	TP	Methylene chlo...		0.309	0.253	0.251	0.258	0.249	0.250	0.247	0.260	8.51
17)	TP	Acetone		0.188	0.074	0.047	0.048	0.043	0.048	0.041	*L	0.9950
18)	TP	trans-1,2-Dich...		0.193	0.250	0.244	0.258	0.251	0.254	0.250	0.243	9.19
19)	TP	Methyl acetate		0.117	0.118	0.123	0.137	0.130	0.131	0.123	0.126	5.91
20)	TP	Methyl tert-bu...		0.472	0.470	0.491	0.543	0.529	0.531	0.525	0.509	5.95
21)	TP	tert-Butyl alc...		0.013	0.011	0.012	0.013	0.013	0.014	0.013	0.013	8.02
22)	TP	Diisopropyl ether		0.935	0.969	1.027	1.095	1.061	1.044	1.017	1.021	5.33
23)	TP	1,1-Dichloroet...		0.466	0.518	0.524	0.556	0.535	0.532	0.527	0.523	5.28
24)	TP	Halothane		0.139	0.179	0.182	0.190	0.183	0.185	0.182	0.177	9.67
25)	TP	Acrylonitrile		0.043	0.054	0.060	0.070	0.066	0.065	0.064	0.060	15.20
26)	TP	Ethyl tert-but...		0.656	0.685	0.730	0.798	0.782	0.781	0.768	0.743	7.34
27)	TP	Vinyl acetate		0.396	0.442	0.519	0.587	0.568	0.560	0.538	0.516	13.73
28)	TP	cis-1,2-Dichlo...		0.246	0.260	0.264	0.280	0.271	0.271	0.272	0.266	4.15
29)	TP	2,2-Dichloropr...		0.250	0.310	0.316	0.354	0.338	0.343	0.336	0.321	10.80
30)	TP	Bromochloromet...		0.113	0.111	0.109	0.108	0.101	0.099	0.095	0.105	6.55
31)	TP	Cyclohexane		0.341	0.504	0.577	0.636	0.600	0.601	0.588	0.550	18.24
32)	TP	Chloroform		0.397	0.422	0.440	0.454	0.444	0.439	0.430	0.432	4.32
33)	TP	Ethyl acetate		0.121	0.125	0.172	0.196	0.189	0.188	0.180	0.167	18.72

Method Path : K:\VOA101\2025\250208AICAL\
Method File : V101_250208A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Feb 12 10:30:07 2025
Response Via : Initial Calibration

Calibration Files
L11 =V01250208A03.D L1 =V01250208A05.D L2 =V01250208A07.D L3 =V01250208A09.D L4 =V01250208A10.D
L6 =V01250208A11.D L8 =V01250208A12.D L10 =V01250208A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
34)	TP	Carbon tetrach...	0.283	0.213	0.312	0.323	0.358	0.346	0.350	0.336	0.315	15.22
35)	TP	Tetrahydrofuran		0.047	0.051	0.054	0.058	0.053	0.052	0.048	0.052	7.12
36)	S	Dibromofluorom...	0.251	0.255	0.253	0.253	0.261	0.254	0.255	0.252	0.254	1.14
37)	TP	1,1,1-Trichlor...		0.281	0.367	0.380	0.408	0.390	0.388	0.381	0.371	11.16
39)	TP	2-Butanone			0.061	0.068	0.076	0.076	0.075	0.074	0.072	8.40
40)	TP	1,1-Dichloropr...		0.225	0.304	0.335	0.362	0.347	0.348	0.343	0.323	14.49
41)	TP	Benzene	0.878	0.836	0.935	0.968	1.016	0.989	0.982	0.966	0.946	6.41
42)	TP	tert-Amyl meth...		0.447	0.444	0.486	0.549	0.543	0.547	0.544	0.509	9.46
43)	S	1,2-Dichloroet...	0.291	0.296	0.296	0.288	0.297	0.289	0.289	0.287	0.292	1.39
44)	TP	1,2-Dichloroet...	0.307	0.324	0.311	0.317	0.327	0.311	0.304	0.295	0.312	3.39
47)	TP	Methyl cyclohe...		0.281	0.375	0.439	0.483	0.465	0.469	0.462	0.425	17.07
48)	TP	Trichloroethene	0.270	0.231	0.262	0.260	0.277	0.266	0.265	0.260	0.261	5.14
50)	TP	Dibromomethane		0.113	0.118	0.121	0.128	0.123	0.121	0.119	0.120	3.66
51)	TP	1,2-Dichloropr...		0.267	0.283	0.284	0.302	0.298	0.295	0.291	0.289	4.10
54)	TP	Bromodichlorom...		0.291	0.305	0.318	0.339	0.333	0.331	0.328	0.321	5.39
57)	TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	15.03
58)	TP	cis-1,3-Dichlo...	0.206	0.247	0.275	0.316	0.364	0.367	0.371	0.369	*Q	0.9995
59)	I	Chlorobenzene-d5	----------ISTD----------									
60)	S	Toluene-d8	1.318	1.313	1.338	1.335	1.332	1.318	1.335	1.339	1.329	0.79
61)	TP	Toluene		0.714	0.778	0.800	0.832	0.822	0.825	0.822	0.799	5.23
62)	TP	4-Methyl-2-pen...			0.057	0.069	0.084	0.084	0.086	0.084	0.077	15.03
63)	TP	Tetrachloroethene	0.276	0.261	0.323	0.331	0.349	0.340	0.343	0.339	0.320	10.36
65)	TP	trans-1,3-Dich...	0.232	0.248	0.293	0.348	0.395	0.397	0.406		*Q	0.9994
67)	TP	Ethyl methacry...			0.178	0.240	0.298	0.301	0.306	0.299	0.270	18.93
68)	TP	1,1,2-Trichlor...		0.184	0.200	0.202	0.210	0.203	0.202	0.198	0.200	3.97
69)	TP	Chlorodibromom...		0.233	0.244	0.272	0.296	0.295	0.298	0.296	0.276	9.94
70)	TP	1,3-Dichloropr...		0.358	0.381	0.415	0.443	0.426	0.425	0.420	0.410	7.23
71)	TP	1,2-Dibromoethane		0.179	0.196	0.219	0.236	0.230	0.231	0.228	0.217	9.80
72)	TP	2-Hexanone			0.095	0.117	0.145	0.149	0.154	0.149	0.135	17.48
73)	TP	Chlorobenzene		0.790	0.870	0.892	0.927	0.911	0.913	0.904	0.887	5.22
74)	TP	Ethylbenzene		1.252	1.441	1.589	1.649	1.622	1.630	1.615	1.543	9.45

Response Factor Report VOA 101

Method Path : K:\VOA101\2025\250208AICAL\
Method File : V101_250208A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Feb 12 10:30:07 2025
Response Via : Initial Calibration

Calibration Files
L11 =V01250208A03.D L1 =V01250208A05.D L2 =V01250208A07.D L3 =V01250208A09.D L4 =V01250208A10.D
L6 =V01250208A11.D L8 =V01250208A12.D L10 =V01250208A13.D

		Compound		L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
75)	TP	1,1,1,2-Tetrac...		0.281	0.290	0.313	0.325	0.322	0.322	0.321	0.311		5.69
76)	TP	p/m Xylene		0.439	0.563	0.613	0.640	0.628	0.628	0.611	0.589		11.99
77)	TP	o Xylene		0.450	0.540	0.593	0.614	0.601	0.599	0.582	0.568		10.08
78)	TP	Styrene		0.609	0.782	0.915	0.962	0.958	0.956	0.918	0.871		15.07
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform		0.240	0.247	0.268	0.296	0.296	0.298	0.304	0.278		9.53
82)	TP	Isopropylbenzene		2.038	2.579	2.786	2.940	2.943	2.974	3.034	2.756		12.76
83)	S	4-Bromofluorob...	0.973	0.988	0.981	0.968	0.971	0.971	0.973	1.008	0.979		1.36
84)	TP	Bromobenzene		0.546	0.600	0.626	0.642	0.644	0.641	0.653	0.622		6.02
85)	TP	n-Propylbenzene		2.494	3.111	3.310	3.461	3.490	3.505		3.228		12.07
86)	TP	1,4-Dichlorobu...		0.801	0.810	0.845	0.881	0.862	0.856	0.859	0.845		3.43
87)	TP	1,1,2,2-Tetrac...	0.419	0.499	0.484	0.489	0.518	0.498	0.500	0.499	0.488		6.06
88)	TP	4-Ethyltoluene		2.003	2.498	2.689	2.839	2.871	2.888	2.923	2.673		12.37
89)	TP	2-Chlorotoluene		1.666	1.962	1.963	2.027	2.036	2.020	2.094	1.967		7.14
90)	TP	1,3,5-Trimethy...		1.724	2.128	2.204	2.321	2.351	2.354	2.403	2.212		10.65
91)	TP	1,2,3-Trichlor...		0.377	0.385	0.380	0.402	0.389	0.386	0.384	0.386		2.13
92)	TP	trans-1,4-Dich...			0.082	0.097	0.108	0.116	0.120	0.125	0.108		14.97
93)	TP	4-Chlorotoluene		1.598	1.834	1.943	2.049	2.072	2.081	2.107	1.955		9.43
94)	TP	tert-Butylbenzene		1.410	1.757	1.924	2.035	2.059	2.061	2.100	1.907		13.03
97)	TP	1,2,4-Trimethy...		1.524	1.930	2.131	2.231	2.272	2.276	2.314	2.097		13.56
98)	TP	sec-Butylbenzene		1.834	2.475	2.694	2.861	2.914	2.931	2.946	2.665		15.15
99)	TP	p-Isopropyltol...		1.545	2.035	2.284	2.447	2.510	2.515	2.538	2.268		16.12
100)	TP	1,3-Dichlorobe...		0.963	1.084	1.124	1.174	1.187	1.183	1.203	1.131		7.52
101)	TP	1,4-Dichlorobe...		1.123	1.118	1.123	1.175	1.192	1.185	1.200	1.159		3.13
102)	TP	p-Diethylbenzene		0.924	1.106	1.271	1.385	1.424	1.432	1.449	1.284		15.59
103)	TP	n-Butylbenzene		1.289	1.611	1.819	1.972	2.016	2.023	2.050	1.826		15.51
104)	TP	1,2-Dichlorobe...		0.906	0.956	0.990	1.042	1.040	1.035	1.046	1.002		5.40
105)	TP	1,2,4,5-Tetram...		1.206	1.368	1.683	1.873	1.926	1.935	1.982	1.710		18.01
106)	TP	1,2-Dibromo-3-...		0.032	0.041	0.052	0.060	0.058	0.060	0.061	*L		0.9993
107)	TP	1,3,5-Trichlor...		0.524	0.549	0.594	0.647	0.659	0.655	0.672	0.614		9.58
108)	TP	Hexachlorobuta...		0.187	0.203	0.218	0.236	0.239	0.239	0.249	0.224		10.05

Method Path : K:\VOA101\2025\250208AICAL\
Method File : V101_250208A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Feb 12 10:30:07 2025
Response Via : Initial Calibration

Calibration Files
L11 =V01250208A03.D L1 =V01250208A05.D L2 =V01250208A07.D L3 =V01250208A09.D L4 =V01250208A10.D
L6 =V01250208A11.D L8 =V01250208A12.D L10 =V01250208A13.D

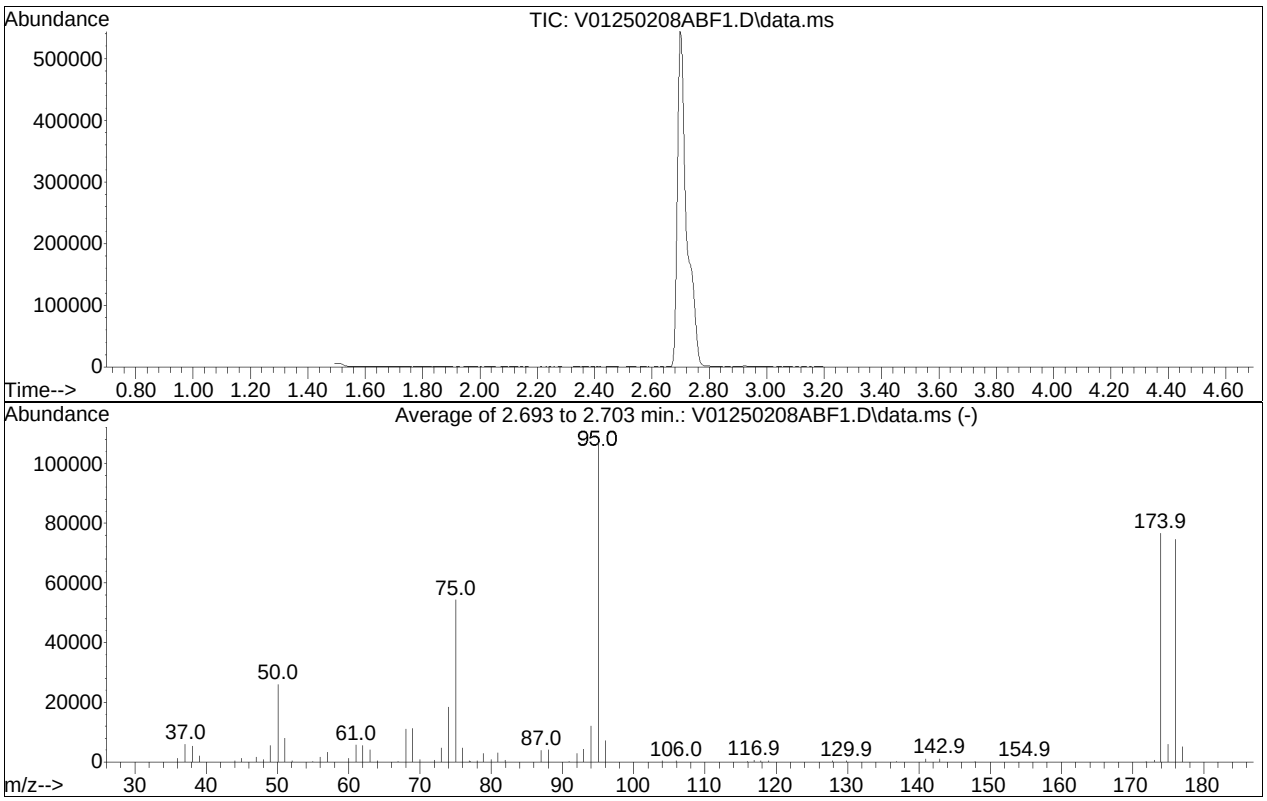
	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
109)	TP 1,2,4-Trichlor...	0.364	0.404	0.450	0.513	0.524	0.523	0.542	0.474	14.60	
110)	TP Naphthalene	0.633	0.664	0.797	0.980	0.974	1.001	1.018	0.867	19.18	
111)	TP 1,2,3-Trichlor...	0.336	0.302	0.344	0.386	0.385	0.388	0.397	0.362#	9.82	

(#) = Out of Range

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208ABF1.D
Acq On : 8 Feb 2025 12:11 am
Operator : VOA101:TMS
Sample : WG2028963-1
Misc : WG2028963
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Feb 11 09:15:10 2025



AutoFind: Scans 230, 231, 232; Background Corrected with Scan 222

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.3	26037	PASS
75	95	30	60	50.8	54288	PASS
95	95	100	100	100.0	106957	PASS
96	95	5	9	6.7	7197	PASS
173	174	0.00	2	0.8	588	PASS
174	95	50	100	71.7	76640	PASS
175	174	5	9	7.7	5936	PASS
176	174	95	101	97.3	74541	PASS
177	176	5	9	6.8	5043	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A03.D
Acq On : 8 Feb 2025 1:30 am
Operator : VOA101:PID
Sample : I8260STD0.19PPB
Misc : WG2028963,ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 11 09:14:55 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 09:13:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-L11_NJnew - L11 new NJ

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.896	96	565370	10.000 ug/L	0.00
Standard Area 1 = 578930			Recovery =	97.66%	
59) Chlorobenzene-d5	9.413	117	419982	10.000 ug/L	0.00
Standard Area 1 = 424320			Recovery =	98.98%	
79) 1,4-Dichlorobenzene-d4	12.143	152	219682	10.000 ug/L	0.00
Standard Area 1 = 231124			Recovery =	95.05%	
System Monitoring Compounds					
36) Dibromofluoromethane	5.099	113	141961	9.877 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.77%	
43) 1,2-Dichloroethane-d4	5.617	65	164789	9.995 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.95%	
60) Toluene-d8	7.575	98	553566	9.921 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.21%	
83) 4-Bromofluorobenzene	10.924	95	213830	9.942 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.42%	
Target Compounds					Qvalue
4) Vinyl chloride	1.872	62	2944	0.168 ug/L	78
34) Carbon tetrachloride	5.062	117	3042	0.171 ug/L #	17
41) Benzene	5.489	78	9429	0.176 ug/L #	89
44) 1,2-Dichloroethane	5.690	62	3300	0.187 ug/L	69
48) Trichloroethene	6.083	95	2902M1	0.196 ug/L	
58) cis-1,3-Dichloropropene	7.394	75	2209M1	0.118 ug/L	
63) Tetrachloroethene	8.088	166	2199M3	0.160 ug/L	
65) trans-1,3-Dichloropropene	8.155	75	1854M3	0.124 ug/L	
87) 1,1,2,2-Tetrachloroethane	11.172	83	1750	0.160 ug/L #	54

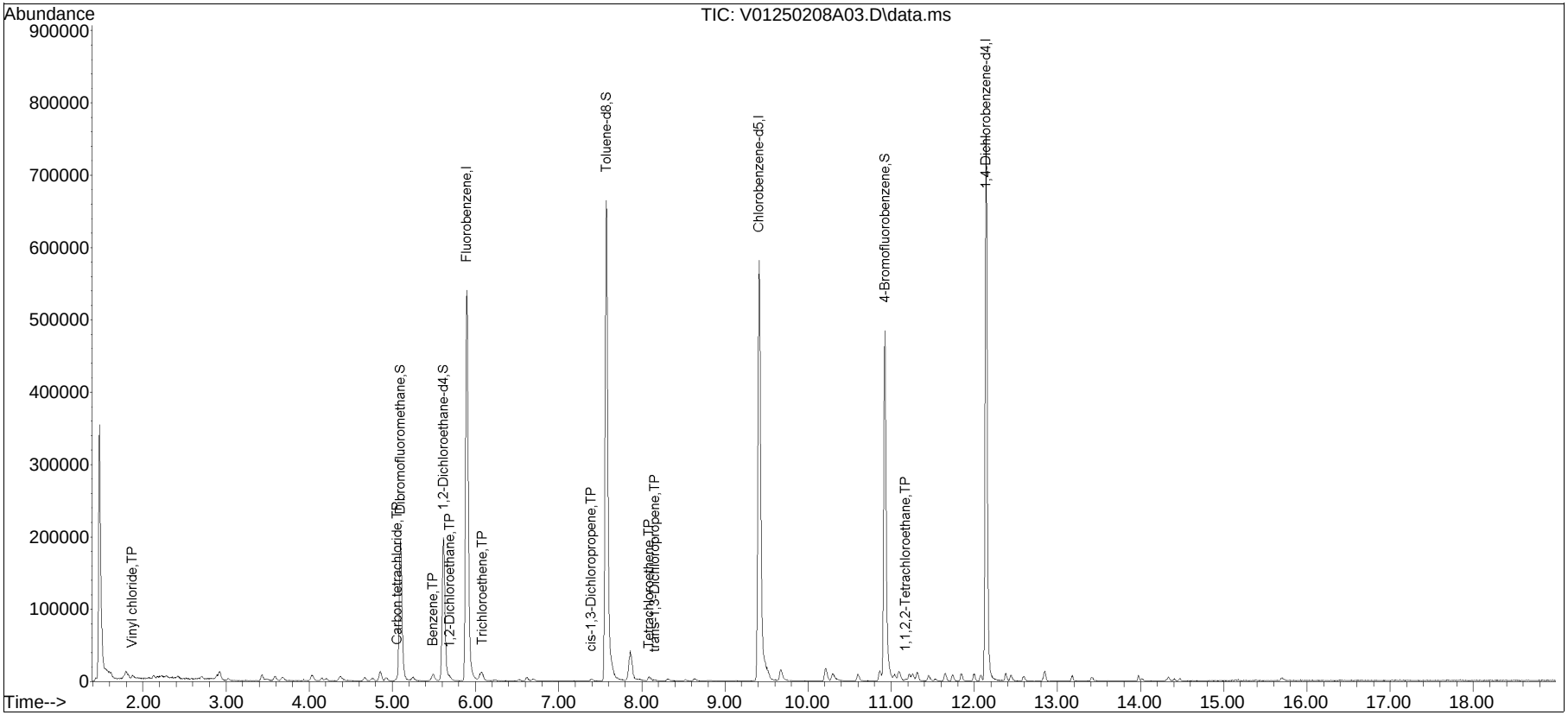
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A03.D
Acq On : 8 Feb 2025 1:30 am
Operator : VOA101:PID
Sample : I8260STD0.19PPB
Misc : WG2028963,ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 11 09:14:55 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 09:13:57 2025
Response via : Initial Calibration

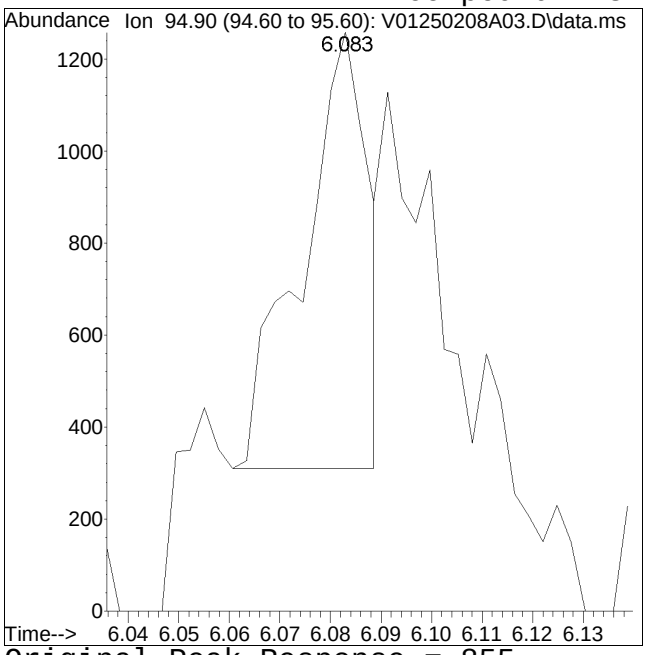
Sub List : 8260-L11_NJnew - L11 new NJCAL\V01250208A09.D•



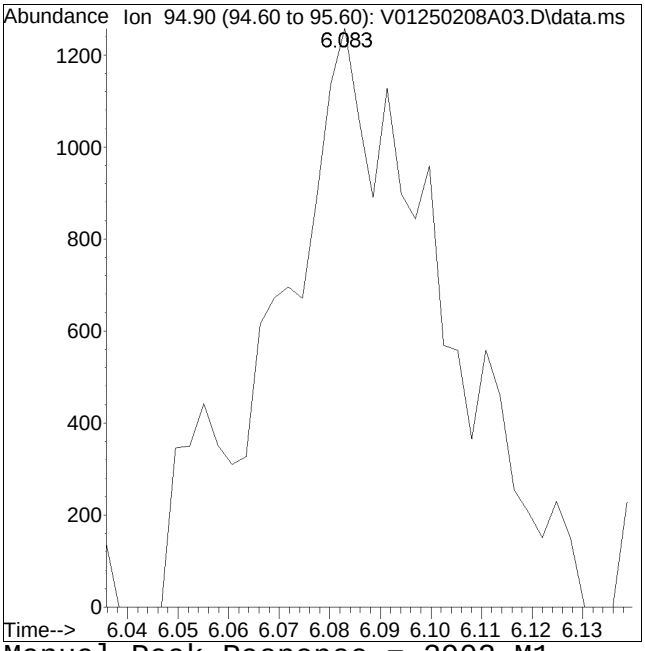
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A03.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 1:30 am Instrument : VOA 101
Sample : I8260STD0.19PPB Quant Date : 2/11/2025 9:14 am

Compound #48: Trichloroethene



Original Peak Response = 855



Manual Peak Response = 2902 M1

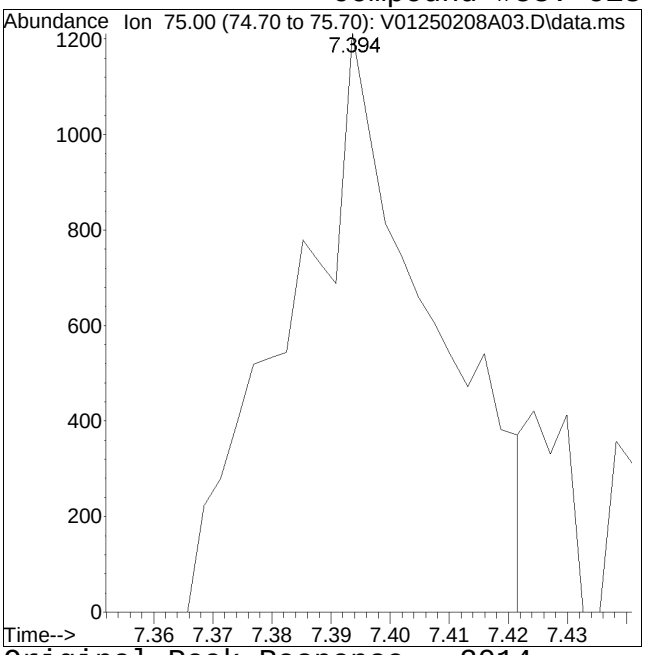
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

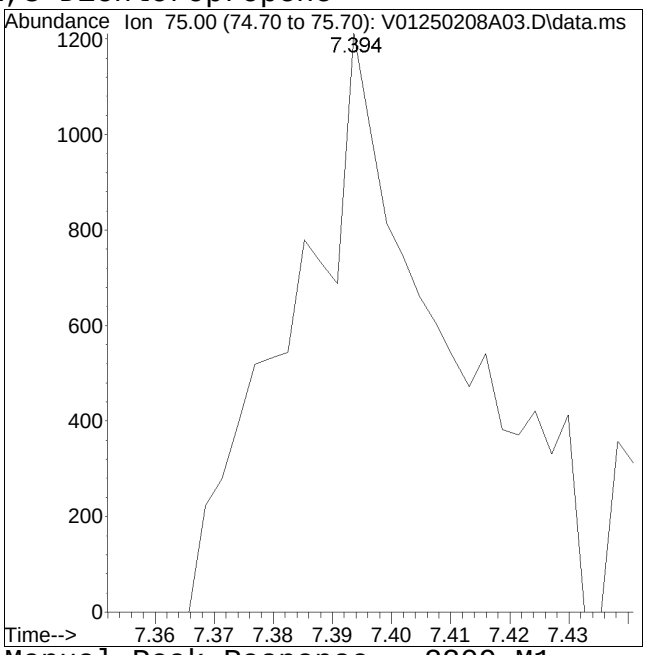
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A03.D
Date Inj'd : 2/8/2025 1:30 am
Sample : I8260STD0.19PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 9:14 am

Compound #58: cis-1,3-Dichloropropene



Original Peak Response = 2014



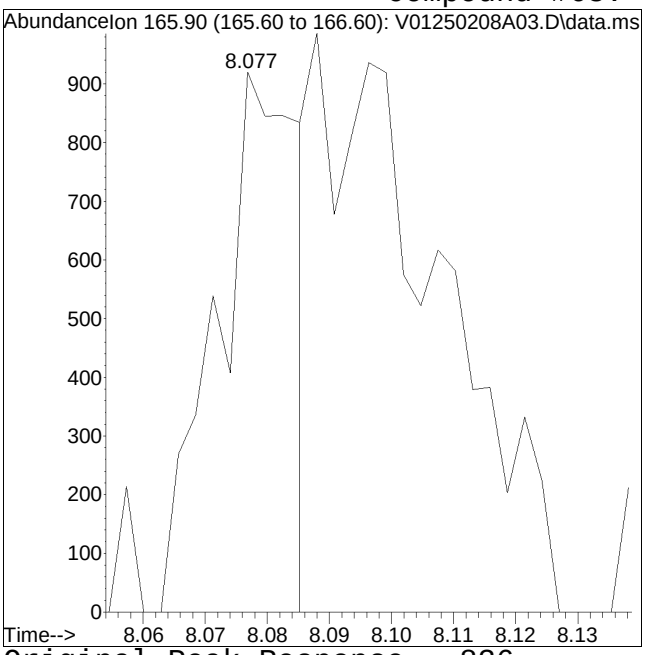
Manual Peak Response = 2209 M1

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

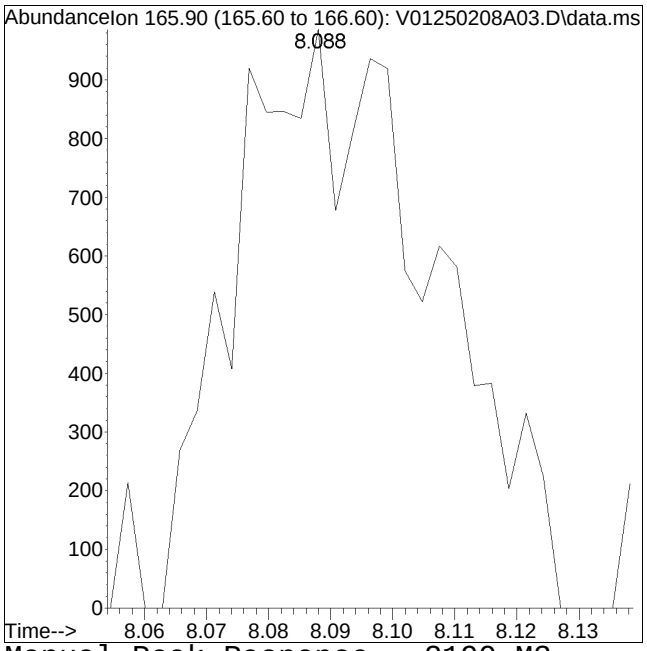
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A03.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 1:30 am Instrument : VOA 101
Sample : I8260STD0.19PPB Quant Date : 2/11/2025 9:14 am

Compound #63: Tetrachloroethene



Original Peak Response = 836



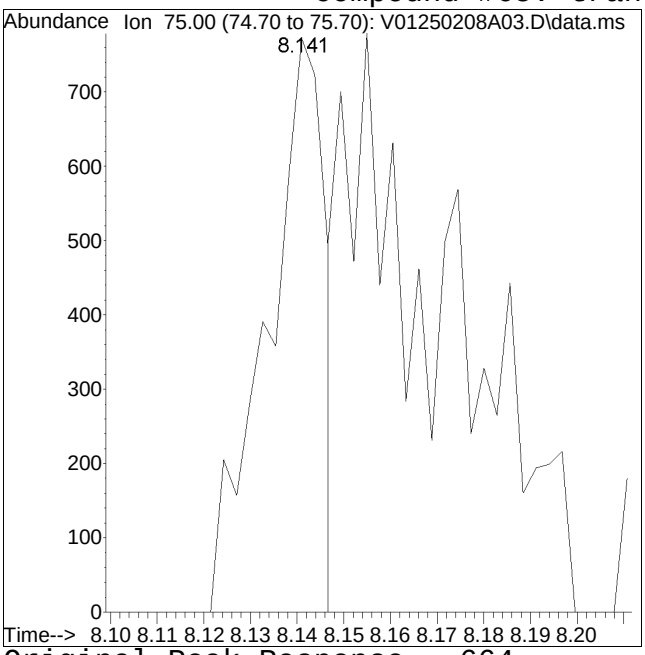
Manual Peak Response = 2199 M3

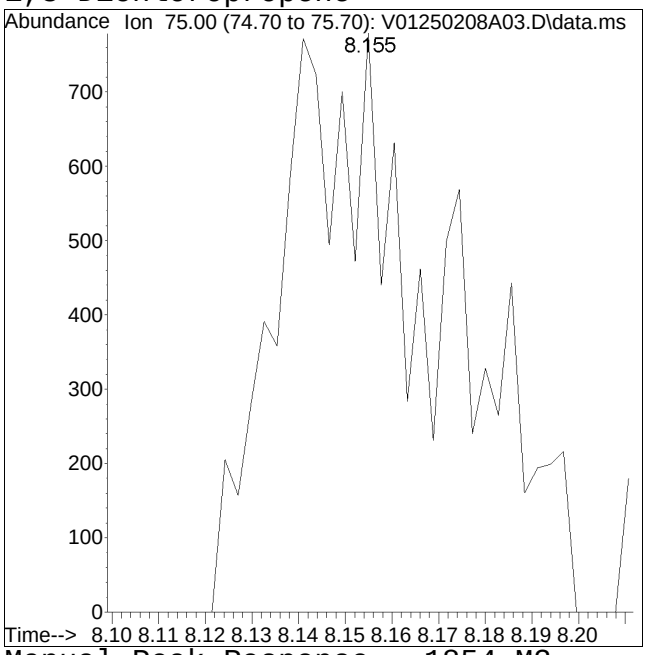
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A03.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 1:30 am Instrument : VOA 101
Sample : I8260STD0.19PPB Quant Date : 2/11/2025 9:14 am

Compound #65: trans-1,3-Dichloropropene





Original Peak Response = 664 Manual Peak Response = 1854 M3

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A05.D
Acq On : 8 Feb 2025 2:22 am
Operator : VOA101:PID
Sample : I8260STD0.5PPB
Misc : WG2028963,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 11 07:40:35 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.896	96	547143	10.000	ug/L	0.00
Standard Area 1 = 578930			Recovery = 94.51%			
59) Chlorobenzene-d5	9.412	117	407605	10.000	ug/L	0.00
Standard Area 1 = 424320			Recovery = 96.06%			
79) 1,4-Dichlorobenzene-d4	12.140	152	216018	10.000	ug/L	0.00
Standard Area 1 = 231124			Recovery = 93.46%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.098	113	139458	10.026	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.26%			
43) 1,2-Dichloroethane-d4	5.612	65	162117	10.161	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.61%			
60) Toluene-d8	7.575	98	535264	9.884	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.84%			
83) 4-Bromofluorobenzene	10.924	95	213336	10.087	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.87%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.621	85	5112	0.351	ug/L	98
3) Chloromethane	1.802	50	13764	0.511	ug/L	69
4) Vinyl chloride	1.878	62	6179	0.364	ug/L	98
5) Bromomethane	2.170	94	1521	0.385	ug/L	97
6) Chloroethane	2.288	64	3776M1	0.467	ug/L	
7) Trichlorofluoromethane	2.416	101	6358	0.360	ug/L	99
8) Ethyl ether	2.706	74	2344	0.520	ug/L #	72
10) 1,1-Dichloroethene	2.893	96	4906	0.412	ug/L #	92
11) Carbon disulfide	2.921	76	17721	0.449	ug/L #	84
12) Freon-113	2.934	101	4209M3	0.347	ug/L	
13) Iodomethane	3.026	142	3531	0.397	ug/L #	82
14) Acrolein	3.216	56	681M3	0.389	ug/L	
15) Methylene chloride	3.431	84	8457	0.595	ug/L	85
17) Acetone	3.484	43	5151M1	1.349	ug/L	
18) trans-1,2-Dichloroethene	3.581	96	5287	0.398	ug/L #	62
19) Methyl acetate	3.601	43	3209M1	0.467	ug/L	
20) Methyl tert-butyl ether	3.682	73	12920	0.464	ug/L #	90
21) tert-Butyl alcohol	3.779	59	1785M1	2.539	ug/L	
22) Diisopropyl ether	4.039	45	25574	0.458	ug/L #	90
23) 1,1-Dichloroethane	4.150	63	12758	0.446	ug/L	70
24) Halothane	4.200	117	3807M1	0.393	ug/L	

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A05.D
Acq On : 8 Feb 2025 2:22 am
Operator : VOA101:PID
Sample : I8260STD0.5PPB
Misc : WG2028963,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 11 07:40:35 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.228	53	1172M3	0.356	ug/L		
26) Ethyl tert-butyl ether	4.368	59	17950	0.442	ug/L	#	58
27) Vinyl acetate	4.401	43	10825M3	0.384	ug/L		
28) cis-1,2-Dichloroethene	4.675	96	6725M3	0.462	ug/L		
29) 2,2-Dichloropropane	4.764	77	6847M1	0.390	ug/L		
30) Bromochloromethane	4.864	128	3088M3	0.538	ug/L		
31) Cyclohexane	4.861	56	9336	0.310	ug/L	#	35
32) Chloroform	4.931	83	10849	0.459	ug/L		96
33) Ethyl acetate	5.054	43	3304M1	0.361	ug/L		
34) Carbon tetrachloride	5.054	117	5815	0.337	ug/L	#	87
35) Tetrahydrofuran	5.101	42	1283M3	0.452	ug/L		
37) 1,1,1-Trichloroethane	5.121	97	7693	0.379	ug/L	#	88
39) 2-Butanone	0.000		0	N.D.	d		
40) 1,1-Dichloropropene	5.243	75	6163	0.348	ug/L	#	67
41) Benzene	5.489	78	22882	0.442	ug/L		95
42) tert-Amyl methyl ether	5.589	73	12241M1	0.440	ug/L		
44) 1,2-Dichloroethane	5.687	62	8868	0.518	ug/L		75
47) Methyl cyclohexane	6.063	83	7688M1	0.331	ug/L		
48) Trichloroethene	6.086	95	6330	0.443	ug/L	#	69
50) Dibromomethane	6.521	93	3100	0.471	ug/L	#	49
51) 1,2-Dichloropropane	6.618	63	7306	0.462	ug/L	#	55
54) Bromodichloromethane	6.696	83	7956	0.453	ug/L	#	25
57) 1,4-Dioxane	6.905	88	4878	69.384	ug/L	#	58
58) cis-1,3-Dichloropropene	7.388	75	6764	0.375	ug/L	#	49
61) Toluene	7.642	92	14554M3	0.447	ug/L		
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d		
63) Tetrachloroethene	8.088	166	5320M1	0.400	ug/L		
65) trans-1,3-Dichloropropene	8.141	75	5048M1	0.348	ug/L		
67) Ethyl methacrylate	8.344	69	2339M3	0.231	ug/L		
68) 1,1,2-Trichloroethane	8.322	83	3751M3	0.460	ug/L		
69) Chlorodibromomethane	8.520	129	4747	0.421	ug/L		91
70) 1,3-Dichloropropane	8.623	76	7291M1	0.437	ug/L		
71) 1,2-Dibromoethane	8.802	107	3649M1	0.412	ug/L		
72) 2-Hexanone	0.000		0	N.D.	d		
73) Chlorobenzene	9.429	112	16103	0.446	ug/L		97
74) Ethylbenzene	9.485	91	25513M3	0.406	ug/L		
75) 1,1,1,2-Tetrachloroethane	9.521	131	5727M1	0.452	ug/L		
76) p/m Xylene	9.672	106	17887M1	0.745	ug/L		
77) o Xylene	10.210	106	18329	0.791	ug/L		94
78) Styrene	10.288	104	24833	0.699	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A05.D
Acq On : 8 Feb 2025 2:22 am
Operator : VOA101:PID
Sample : I8260STD0.5PPB
Misc : WG2028963,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 11 07:40:35 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	10.299	173	2588	0.430	ug/L	#	44
82) Isopropylbenzene	10.595	105	22010	0.370	ug/L		94
84) Bromobenzene	11.035	156	5901	0.439	ug/L		93
85) n-Propylbenzene	11.083	91	26935	0.384	ug/L		98
86) 1,4-Dichlorobutane	11.108	55	8652	0.474	ug/L	#	80
87) 1,1,2,2-Tetrachloroethane	11.172	83	5389	0.501	ug/L	#	63
88) 4-Ethyltoluene	11.211	105	21633	0.375	ug/L		99
89) 2-Chlorotoluene	11.253	91	17989M1	0.423	ug/L		
90) 1,3,5-Trimethylbenzene	11.309	105	18620	0.390	ug/L		93
91) 1,2,3-Trichloropropane	11.309	75	4073M1	0.488	ug/L		
92) trans-1,4-Dichloro-2-b...	11.390	53	298M3	0.143	ug/L		
93) 4-Chlorotoluene	11.443	91	17256	0.409	ug/L		92
94) tert-Butylbenzene	11.649	119	15228	0.370	ug/L		97
97) 1,2,4-Trimethylbenzene	11.735	105	16461	0.363	ug/L		99
98) sec-Butylbenzene	11.844	105	19806	0.344	ug/L	#	74
99) p-Isopropyltoluene	11.998	119	16687	0.341	ug/L		96
100) 1,3-Dichlorobenzene	12.073	146	10399	0.426	ug/L	#	86
101) 1,4-Dichlorobenzene	12.159	146	12130M4	0.484	ug/L		
102) p-Diethylbenzene	12.380	119	9979	0.360	ug/L		96
103) n-Butylbenzene	12.441	91	13926	0.353	ug/L		98
104) 1,2-Dichlorobenzene	12.589	146	9784	0.452	ug/L		95
105) 1,2,4,5-Tetramethylben...	13.174	119	13031	0.353	ug/L		94
106) 1,2-Dibromo-3-chloropr...	13.372	155	343	0.306	ug/L	#	66
107) 1,3,5-Trichlorobenzene	13.406	180	5660	0.427	ug/L	#	88
108) Hexachlorobutadiene	13.975	225	2020	0.417	ug/L	#	75
109) 1,2,4-Trichlorobenzene	14.011	180	3928	0.383	ug/L		94
110) Naphthalene	14.301	128	6835	0.365	ug/L		100
111) 1,2,3-Trichlorobenzene	14.468	180	3634	0.464	ug/L	#	87

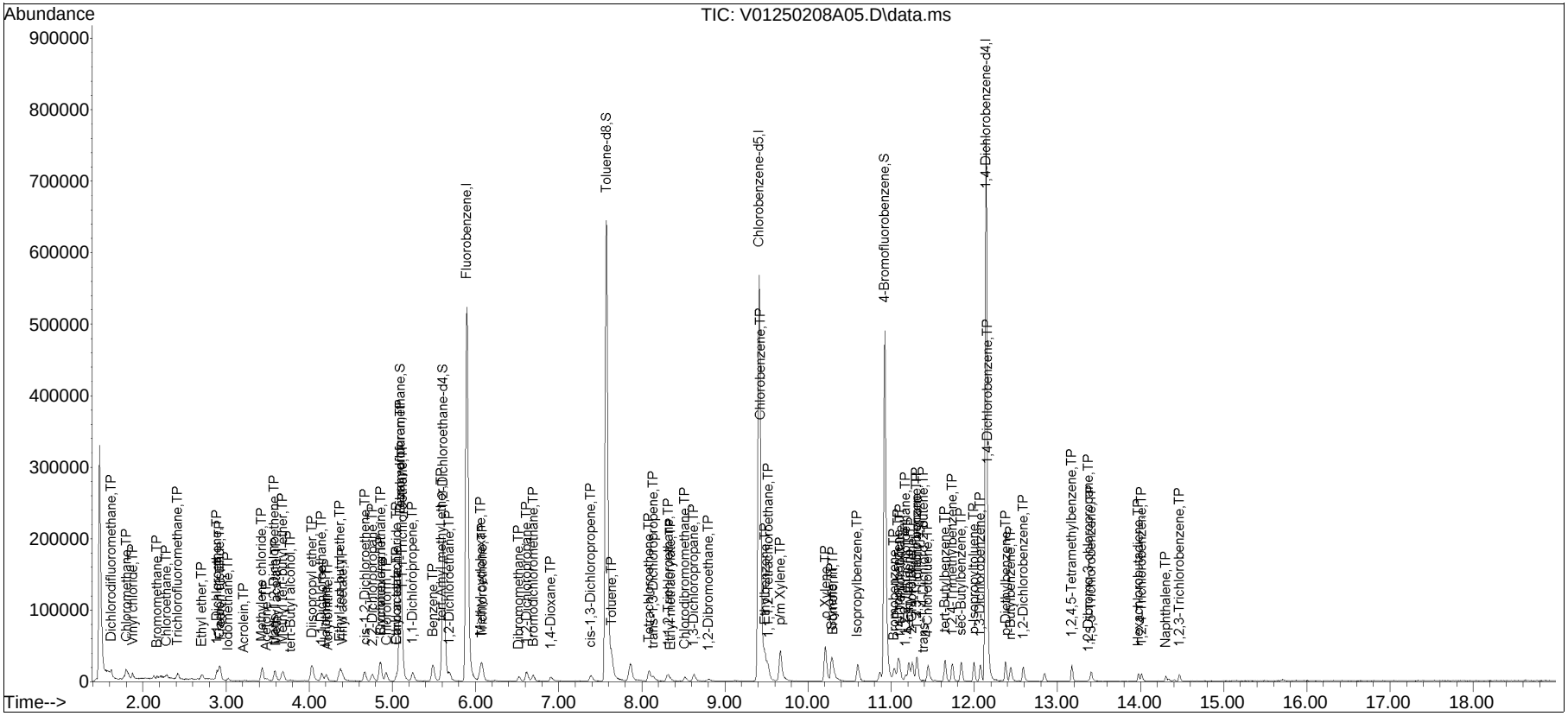
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A05.D
Acq On : 8 Feb 2025 2:22 am
Operator : VOA101:PID
Sample : I8260STD0.5PPB
Misc : WG2028963,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 11 07:40:35 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE208A09.D•

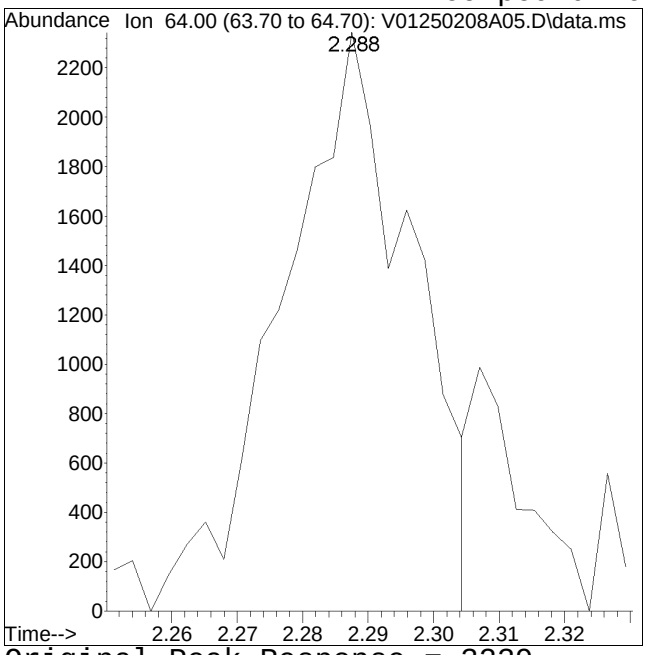


Manual Integration Report

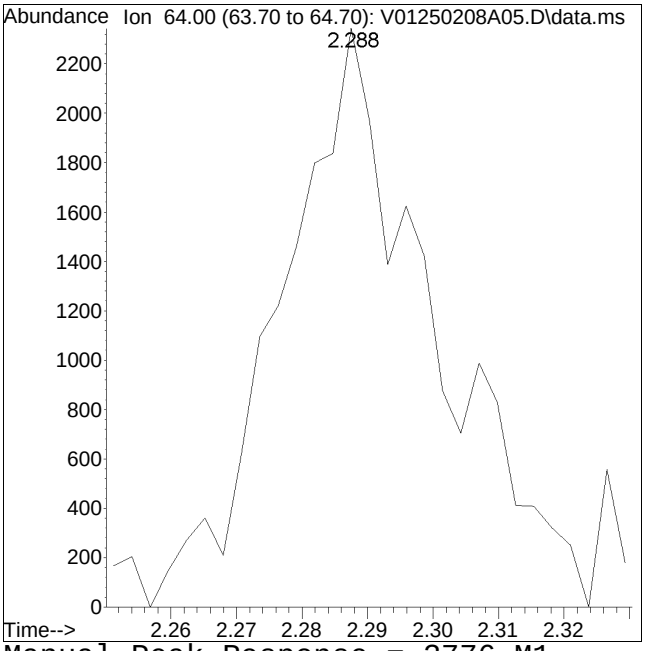
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A05.D
Date Inj'd : 2/8/2025 2:22 am
Sample : I8260STD0.5PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #6: Chloroethane



Original Peak Response = 3239



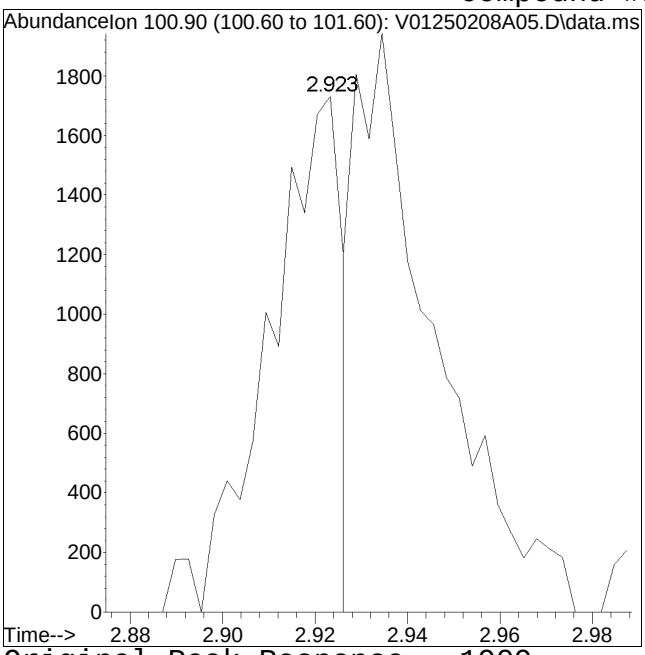
Manual Peak Response = 3776 M1

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

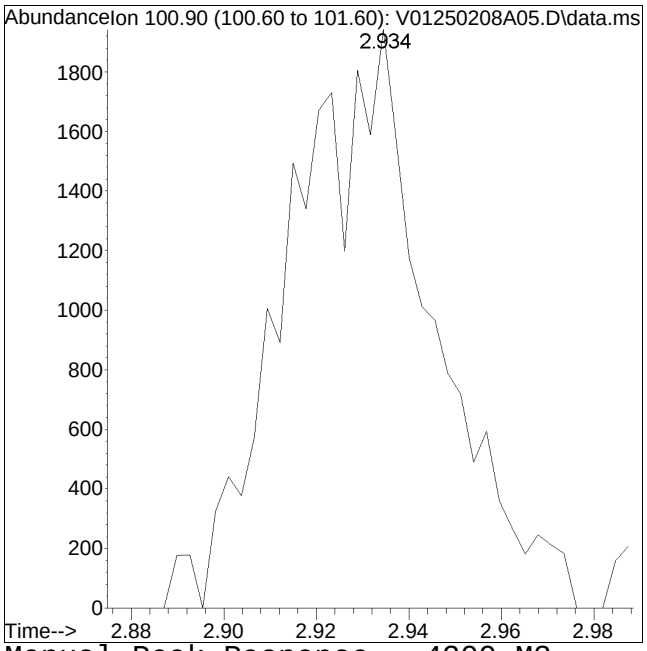
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A05.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 2:22 am Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 2/11/2025 7:40 am

Compound #12: Freon-113



Original Peak Response = 1909



Manual Peak Response = 4209 M3

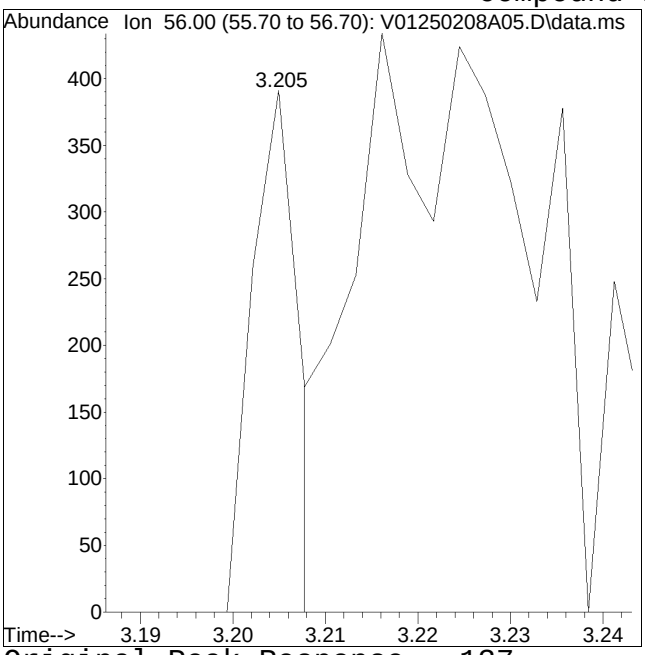
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

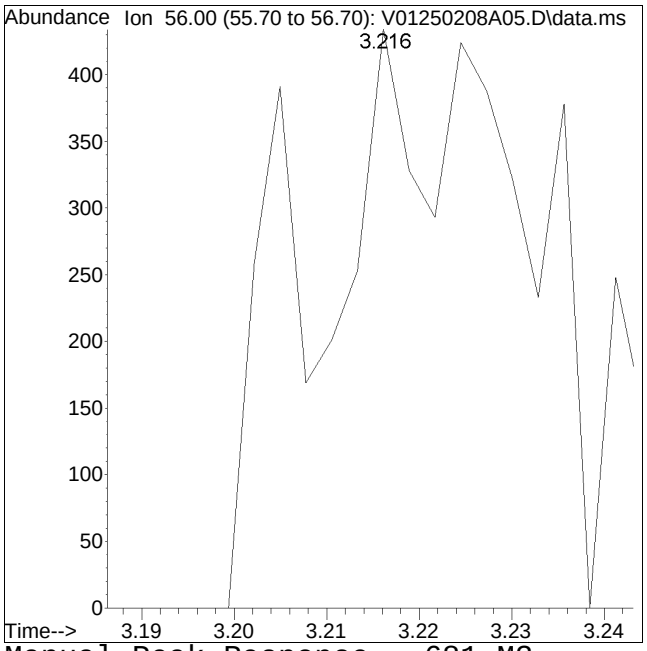
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A05.D
Date Inj'd : 2/8/2025 2:22 am
Sample : I8260STD0.5PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #14: Acrolein



Original Peak Response = 137



Manual Peak Response = 681 M3

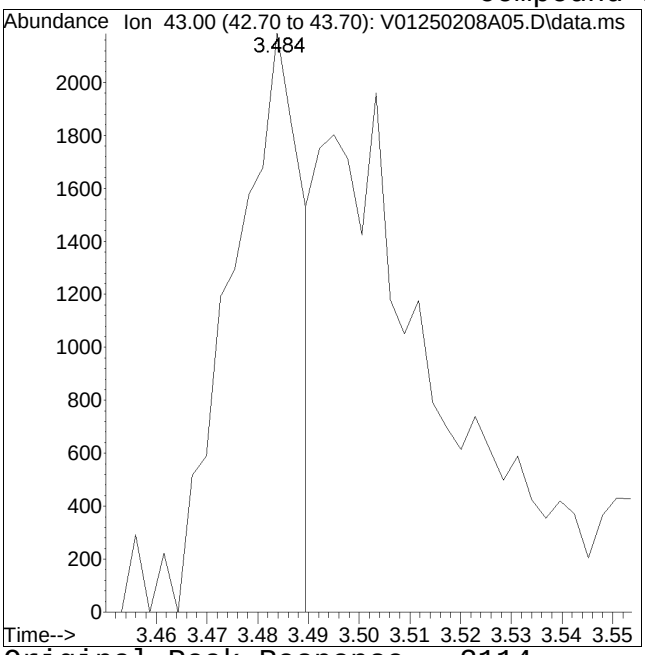
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

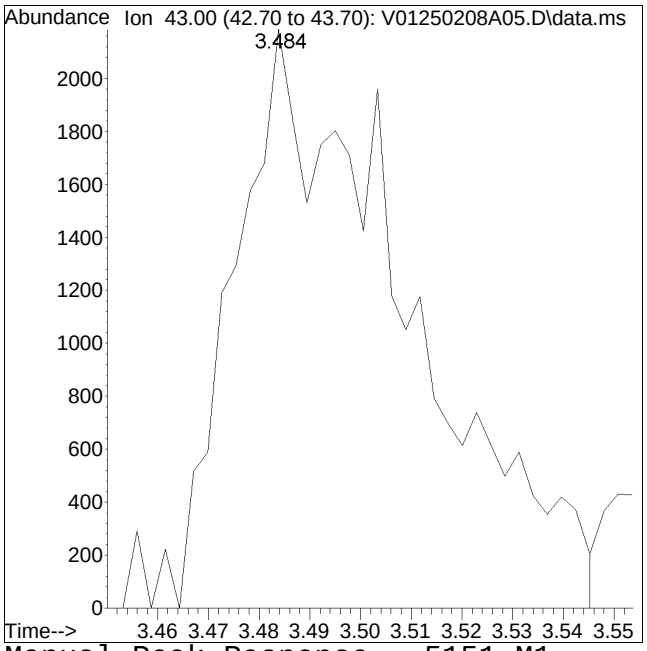
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A05.D
Date Inj'd : 2/8/2025 2:22 am
Sample : I8260STD0.5PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #17: Acetone



Original Peak Response = 2114



Manual Peak Response = 5151 M1

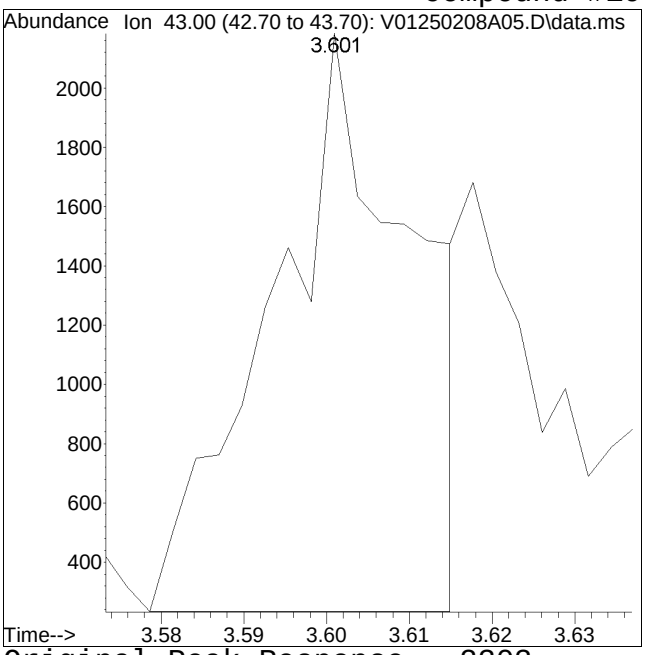
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

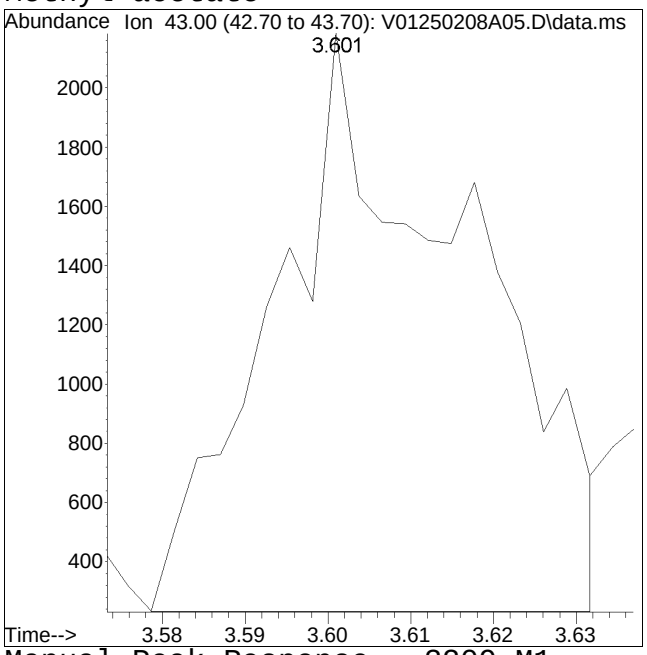
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A05.D
Date Inj'd : 2/8/2025 2:22 am
Sample : I8260STD0.5PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #19: Methyl acetate



Original Peak Response = 2303



Manual Peak Response = 3209 M1

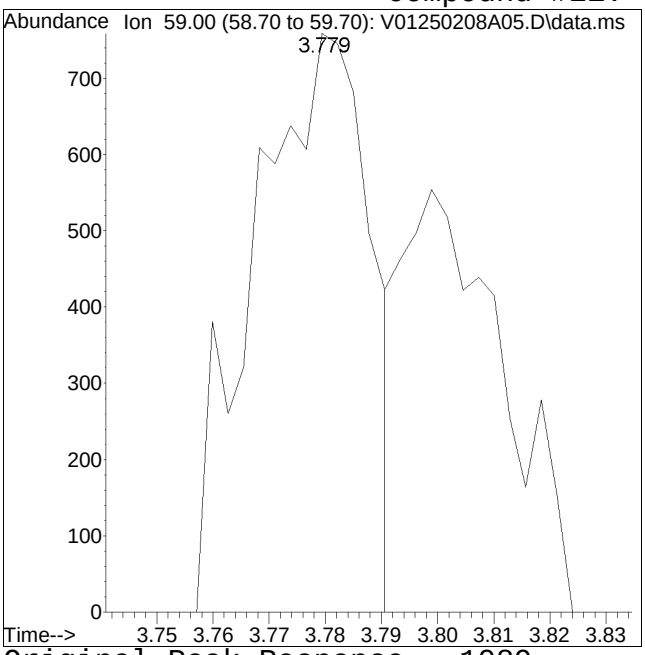
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

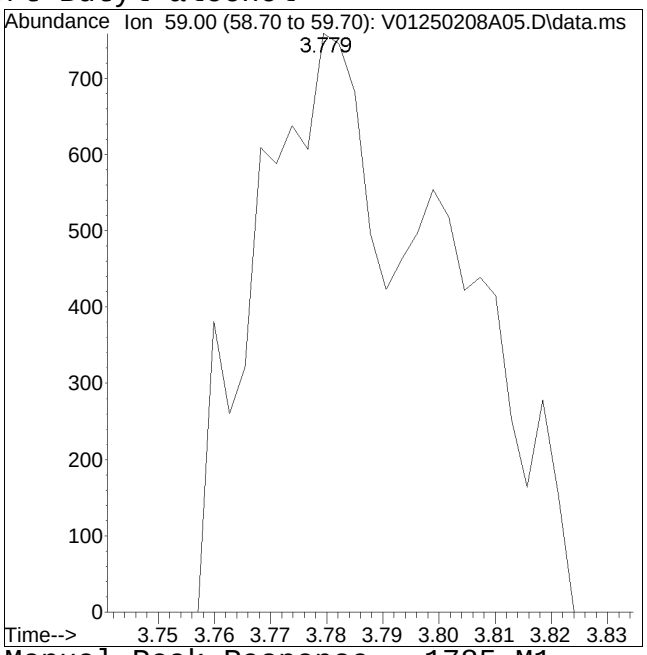
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A05.D
Date Inj'd : 2/8/2025 2:22 am
Sample : I8260STD0.5PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #21: tert-Butyl alcohol



Original Peak Response = 1089



Manual Peak Response = 1785 M1

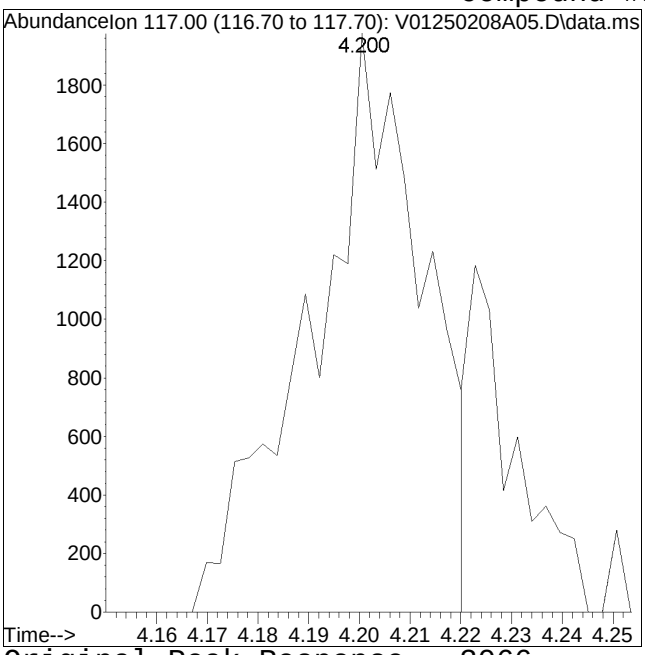
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

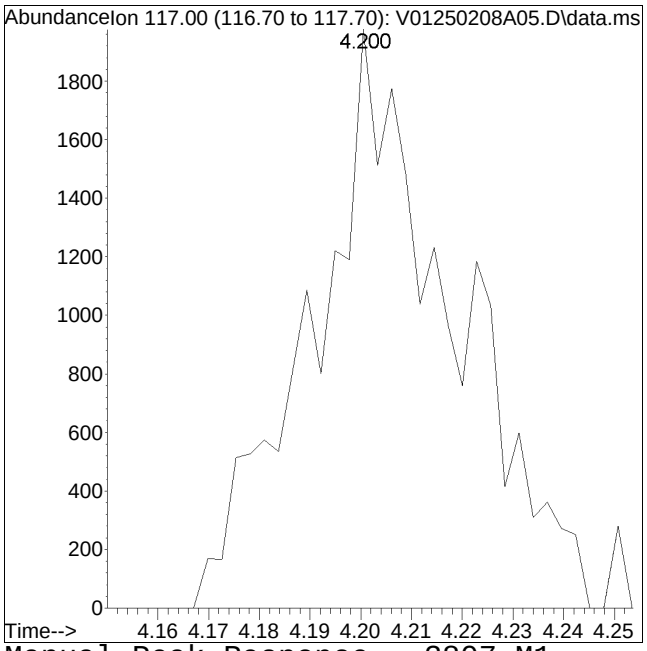
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A05.D
Date Inj'd : 2/8/2025 2:22 am
Sample : I8260STD0.5PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #24: Halothane



Original Peak Response = 3066



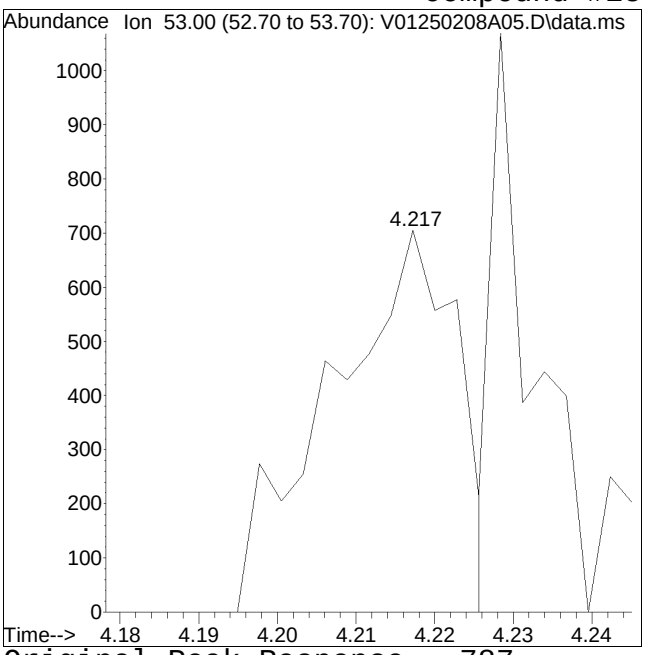
Manual Peak Response = 3807 M1

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

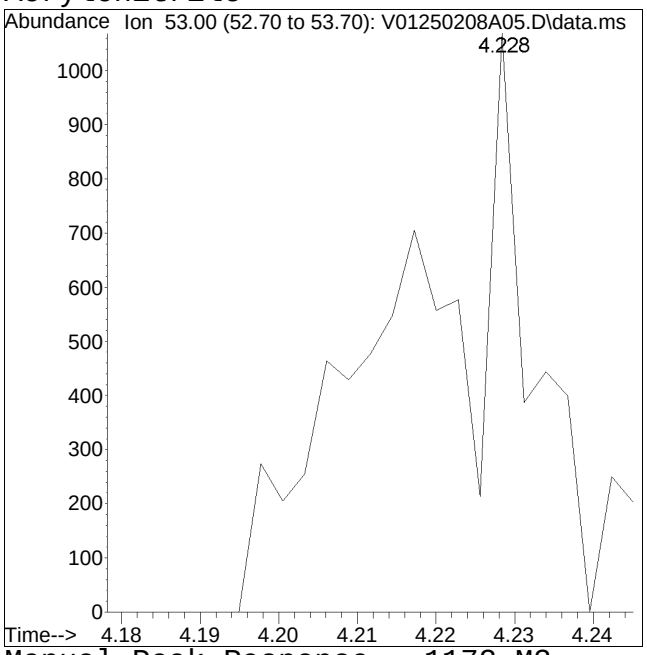
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A05.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 2:22 am Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 2/11/2025 7:40 am

Compound #25: Acrylonitrile



Original Peak Response = 787



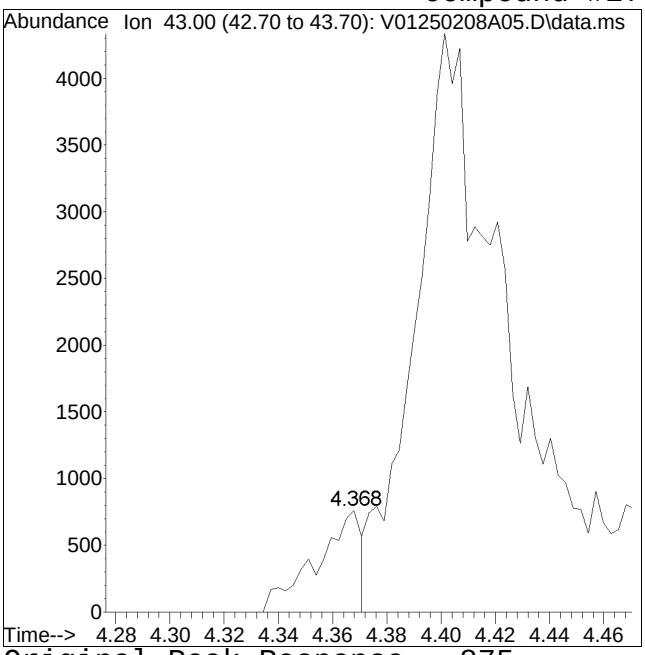
Manual Peak Response = 1172 M3

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

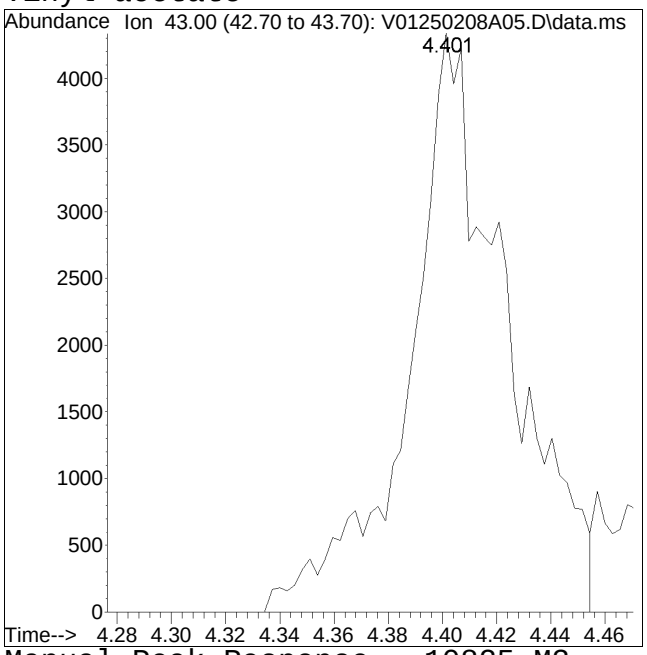
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A05.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 2:22 am Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 2/11/2025 7:40 am

Compound #27: Vinyl acetate



Original Peak Response = 875



Manual Peak Response = 10825 M3

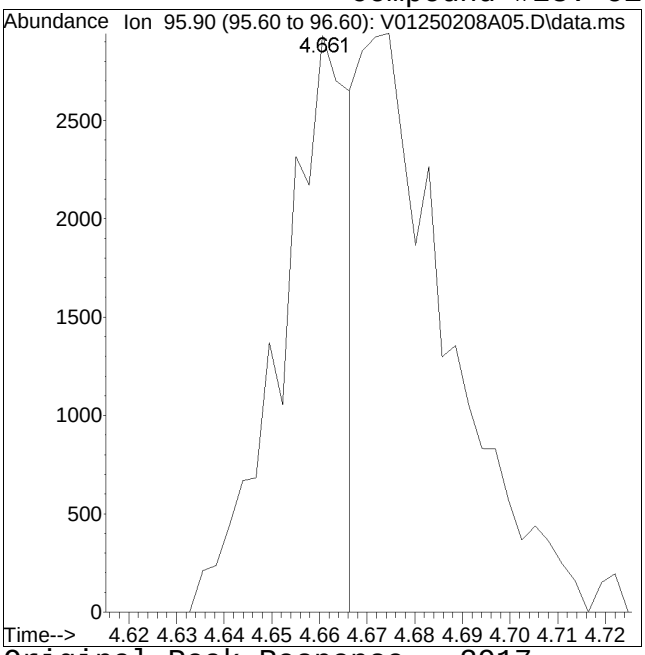
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

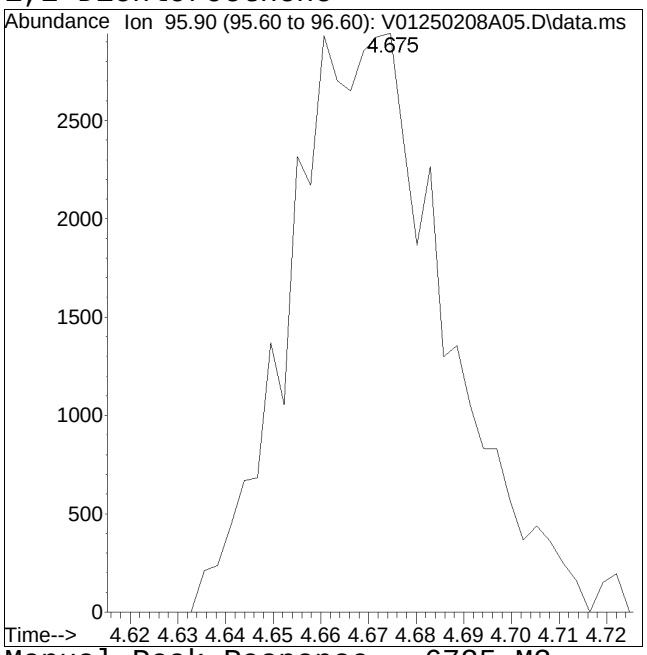
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A05.D
Date Inj'd : 2/8/2025 2:22 am
Sample : I8260STD0.5PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #28: cis-1,2-Dichloroethene



Original Peak Response = 2917



Manual Peak Response = 6725 M3

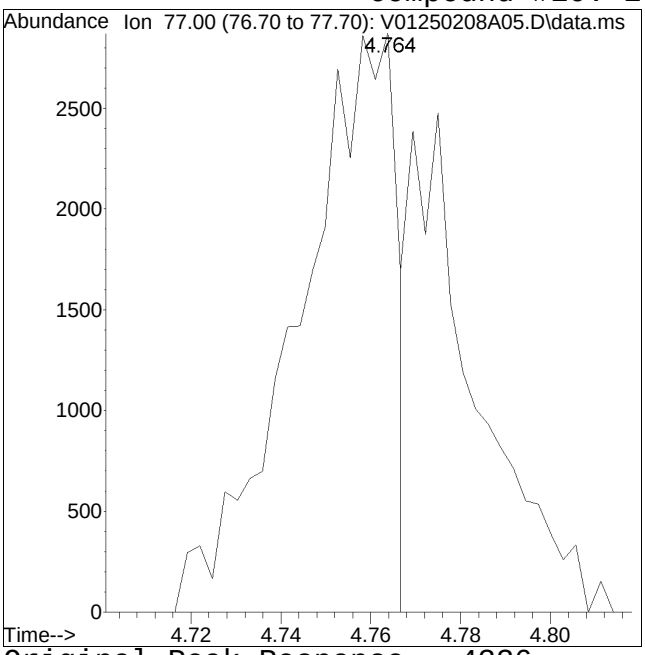
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

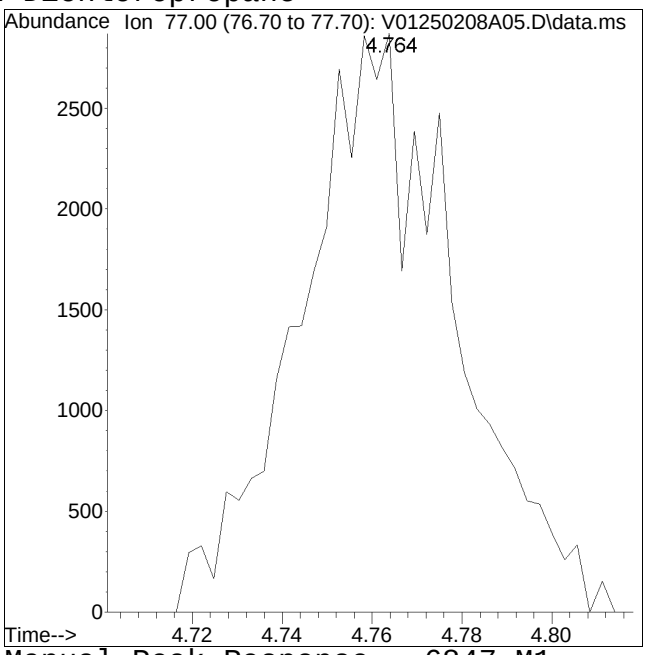
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A05.D
Date Inj'd : 2/8/2025 2:22 am
Sample : I8260STD0.5PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #29: 2,2-Dichloropropane



Original Peak Response = 4336



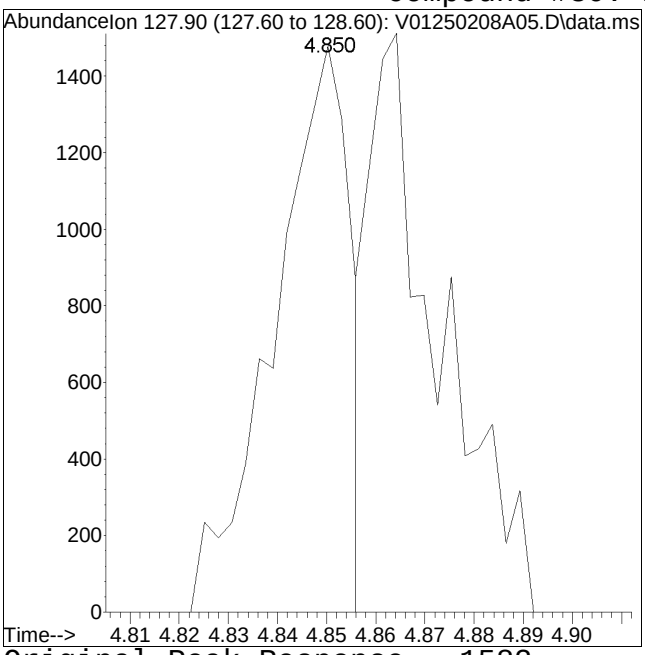
Manual Peak Response = 6847 M1

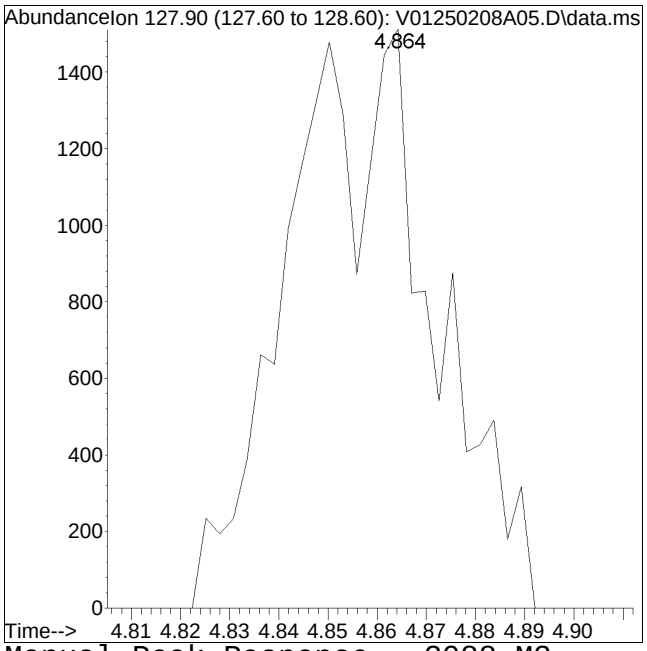
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A05.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 2:22 am Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 2/11/2025 7:40 am

Compound #30: Bromochloromethane





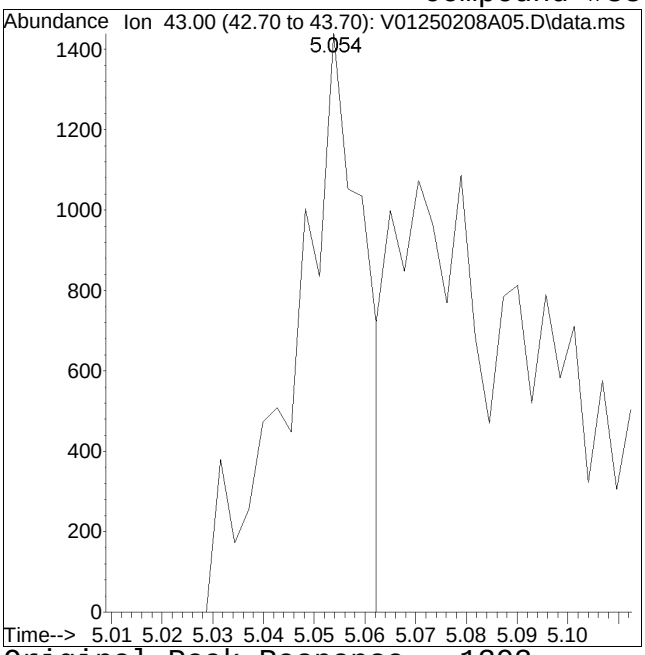
Original Peak Response = 1582 Manual Peak Response = 3088 M3

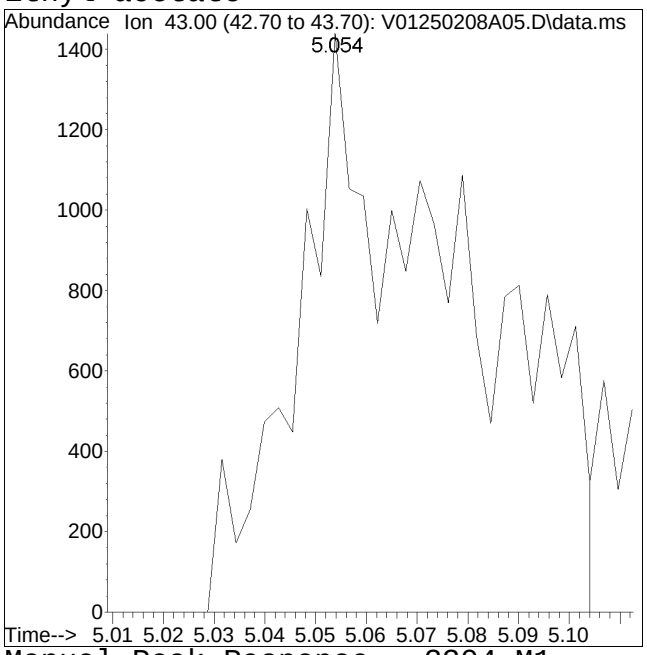
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A05.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 2:22 am Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 2/11/2025 7:40 am

Compound #33: Ethyl acetate



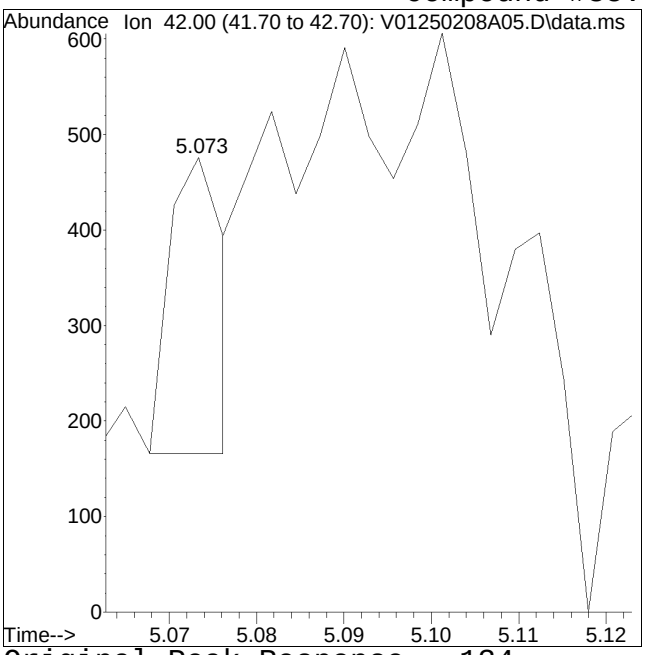


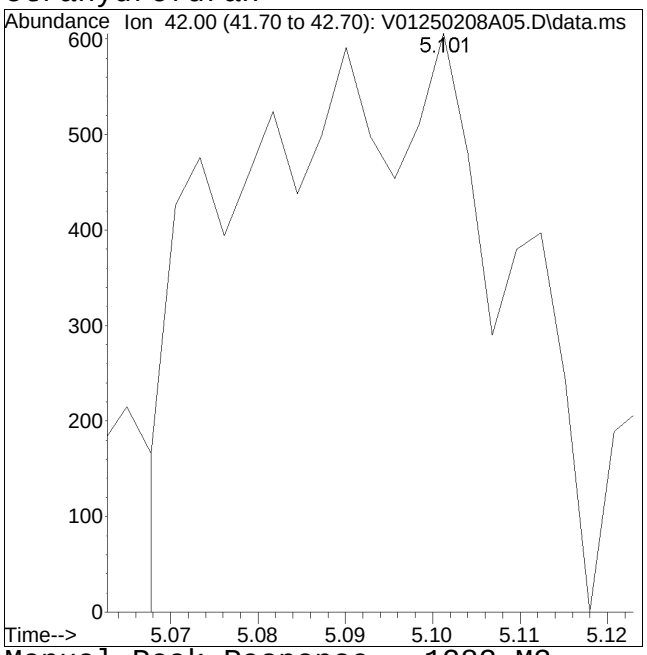
Original Peak Response = 1393 Manual Peak Response = 3304 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A05.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 2:22 am Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 2/11/2025 7:40 am

Compound #35: Tetrahydrofuran





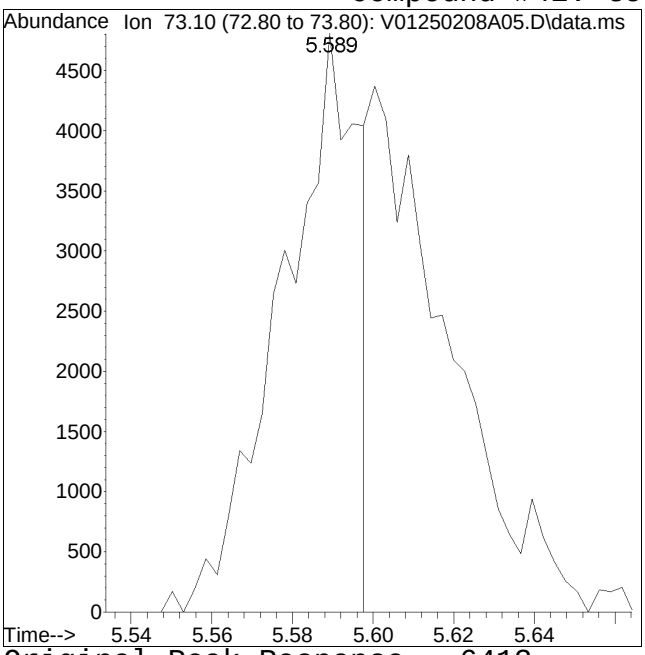
Original Peak Response = 134 Manual Peak Response = 1283 M3

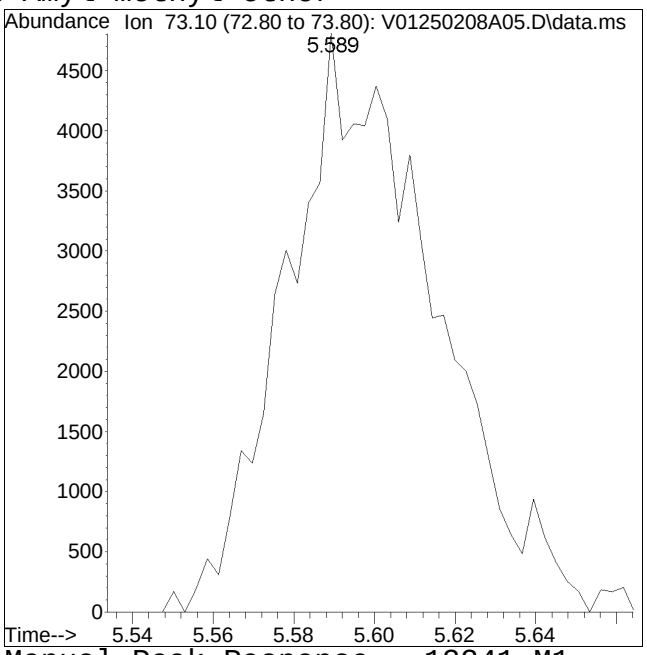
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A05.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 2:22 am Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 2/11/2025 7:40 am

Compound #42: tert-Amyl methyl ether



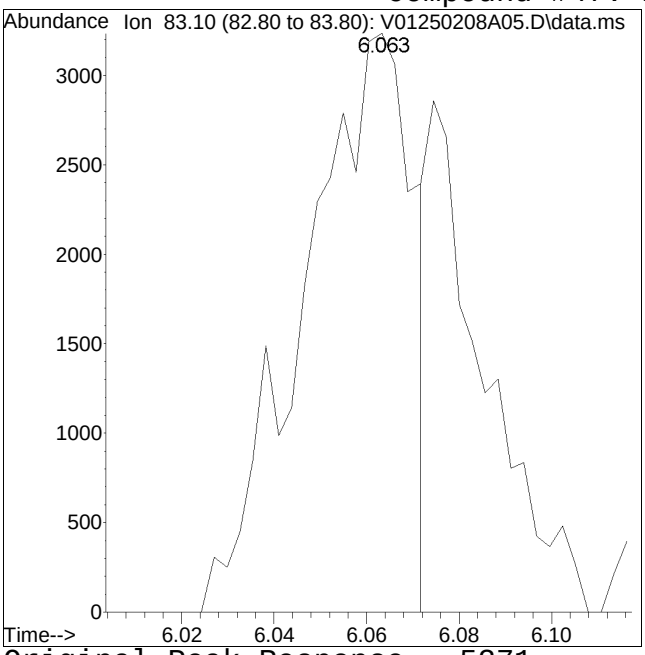


Original Peak Response = 6413 Manual Peak Response = 12241 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

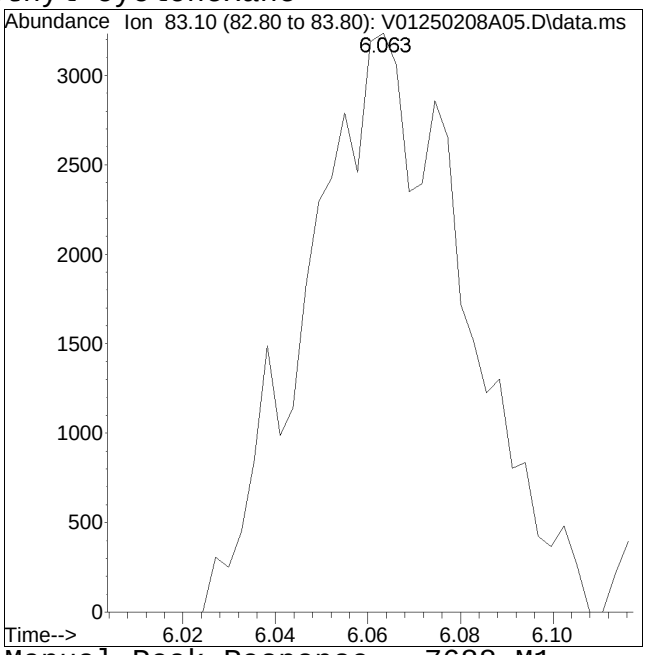
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A05.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 2:22 am Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 2/11/2025 7:40 am

Compound #47: Methyl cyclohexane



Original Peak Response = 5271



Manual Peak Response = 7688 M1

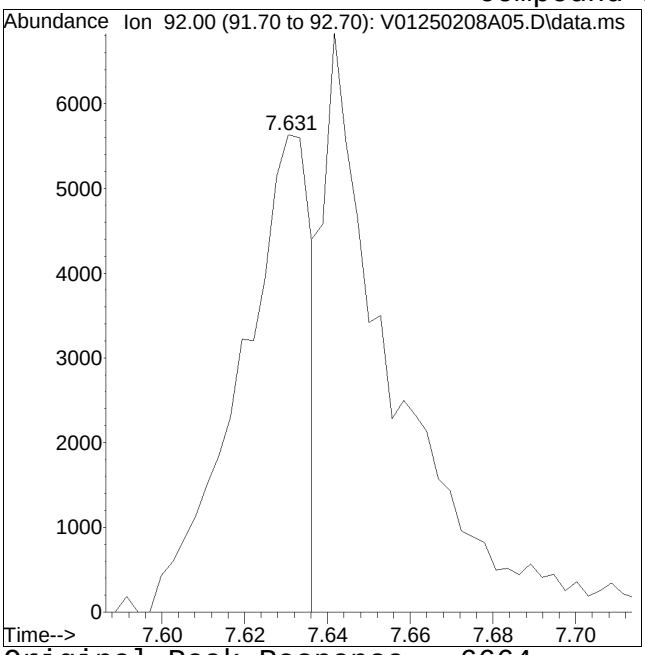
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

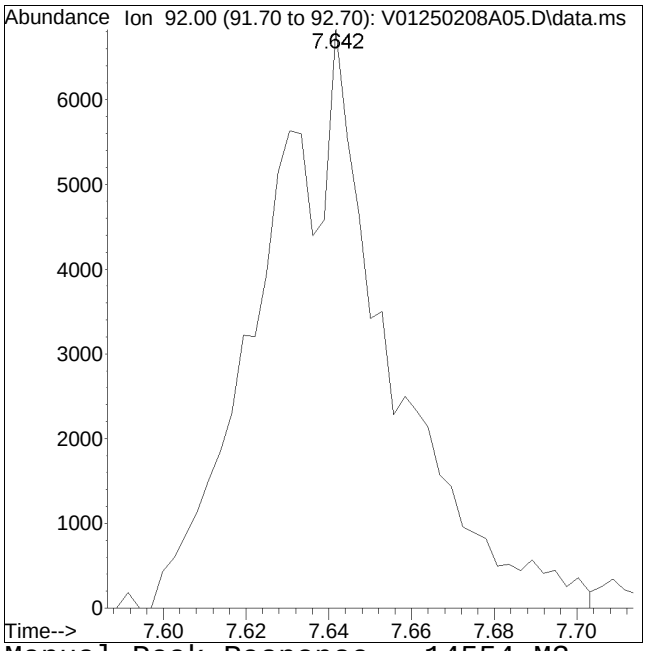
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A05.D
Date Inj'd : 2/8/2025 2:22 am
Sample : I8260STD0.5PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #61: Toluene



Original Peak Response = 6664



Manual Peak Response = 14554 M3

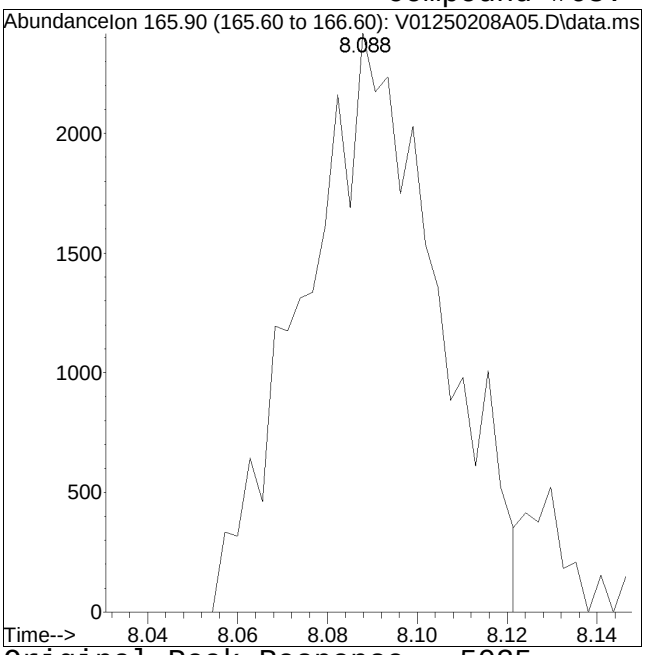
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

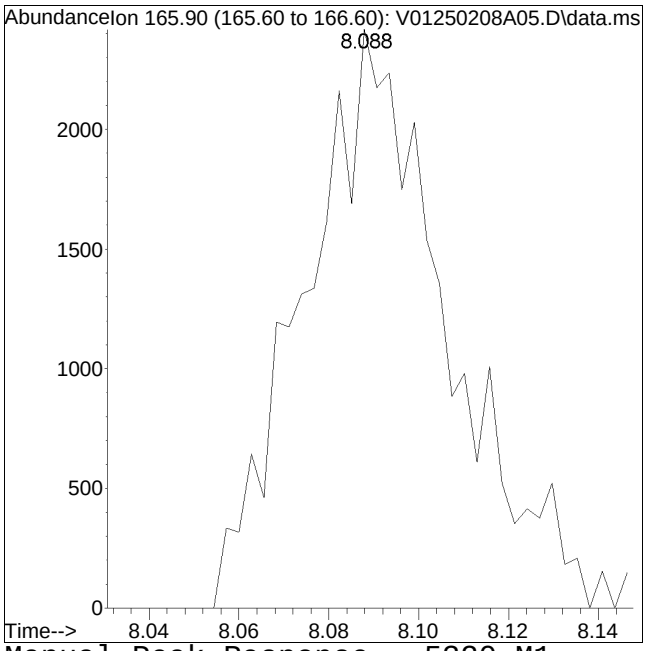
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A05.D
Date Inj'd : 2/8/2025 2:22 am
Sample : I8260STD0.5PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #63: Tetrachloroethene



Original Peak Response = 5035



Manual Peak Response = 5320 M1

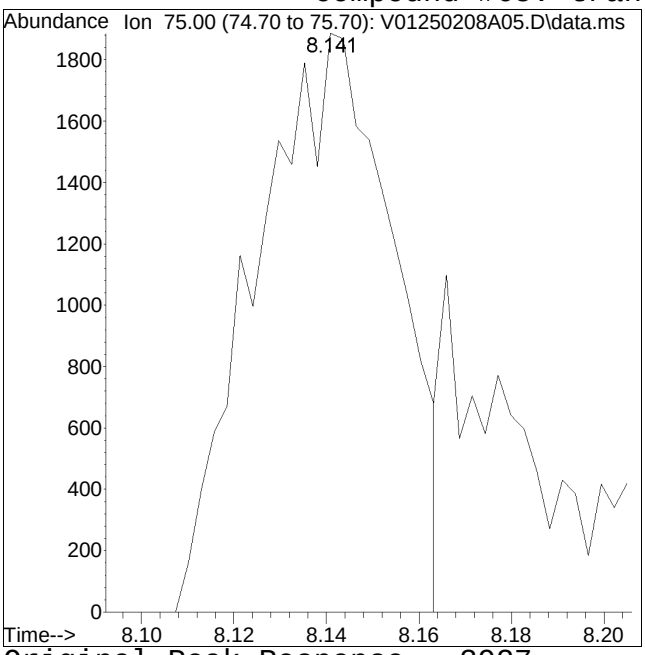
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

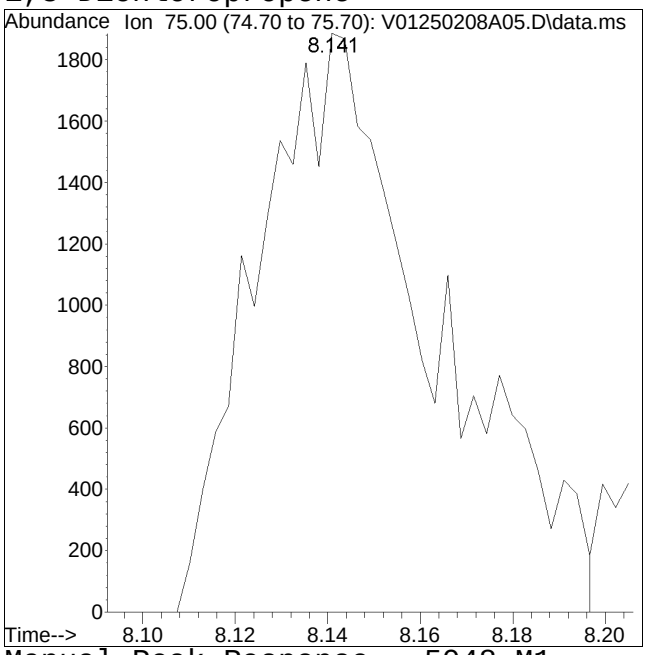
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A05.D
Date Inj'd : 2/8/2025 2:22 am
Sample : I8260STD0.5PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #65: trans-1,3-Dichloropropene



Original Peak Response = 3927



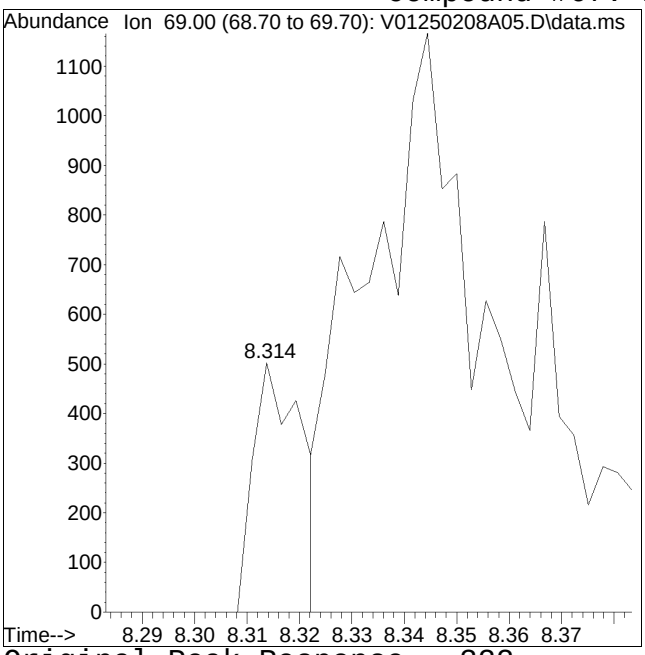
Manual Peak Response = 5048 M1

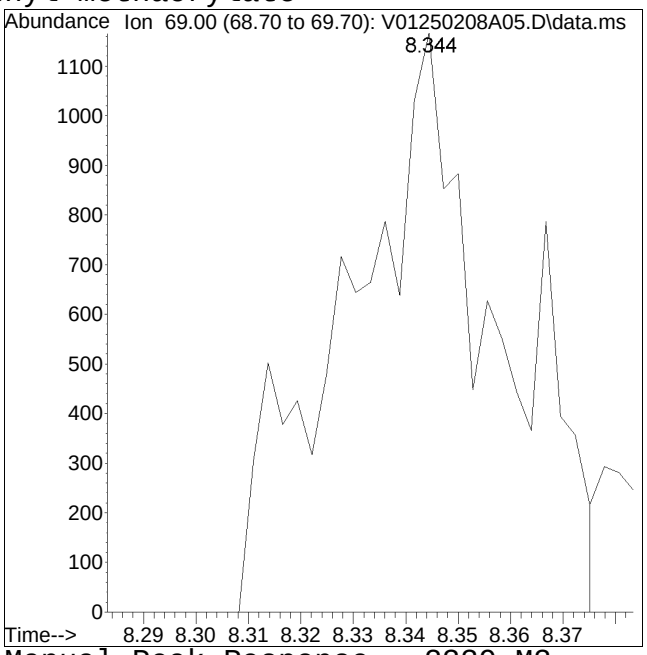
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A05.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 2:22 am Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 2/11/2025 7:40 am

Compound #67: Ethyl methacrylate





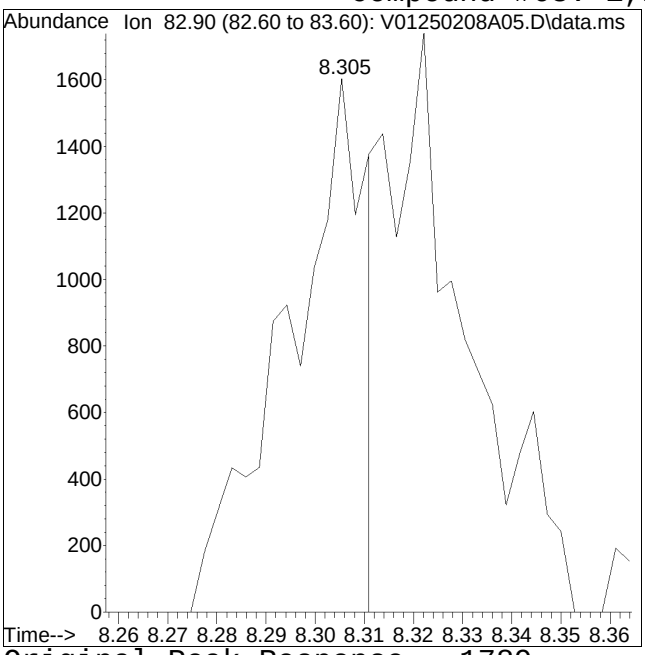
Original Peak Response = 322 Manual Peak Response = 2339 M3

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

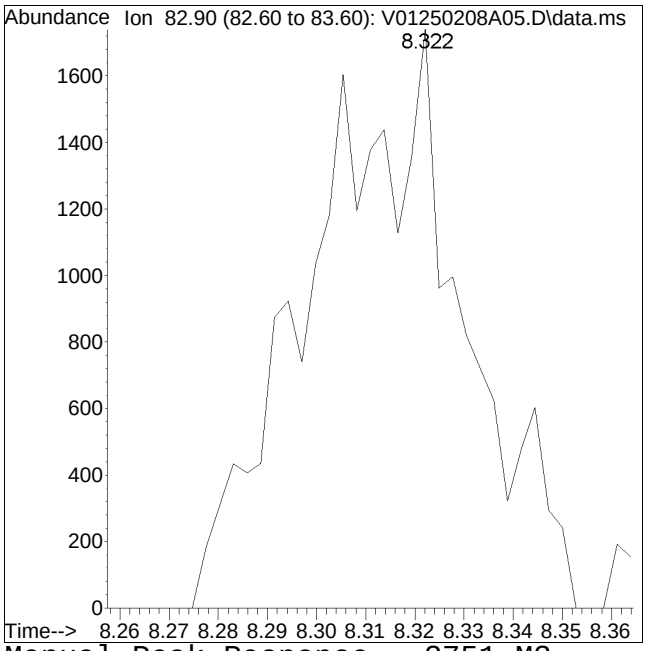
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A05.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 2:22 am Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 2/11/2025 7:40 am

Compound #68: 1,1,2-Trichloroethane



Original Peak Response = 1789



Manual Peak Response = 3751 M3

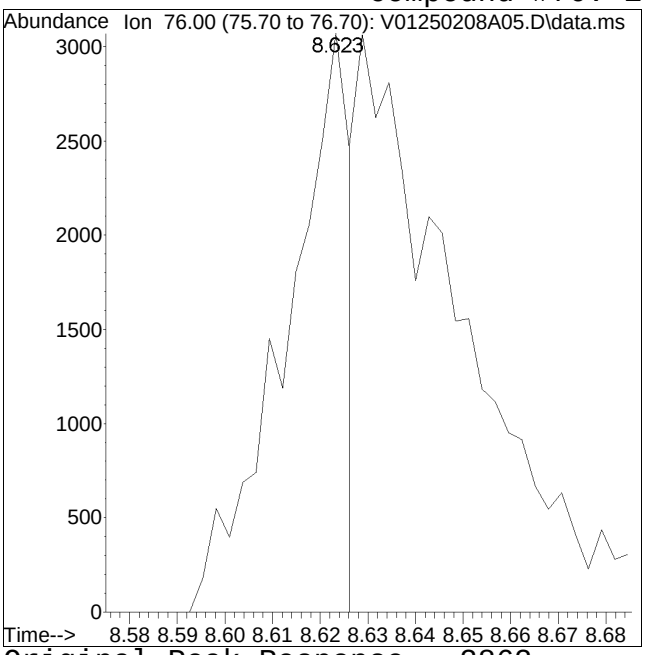
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

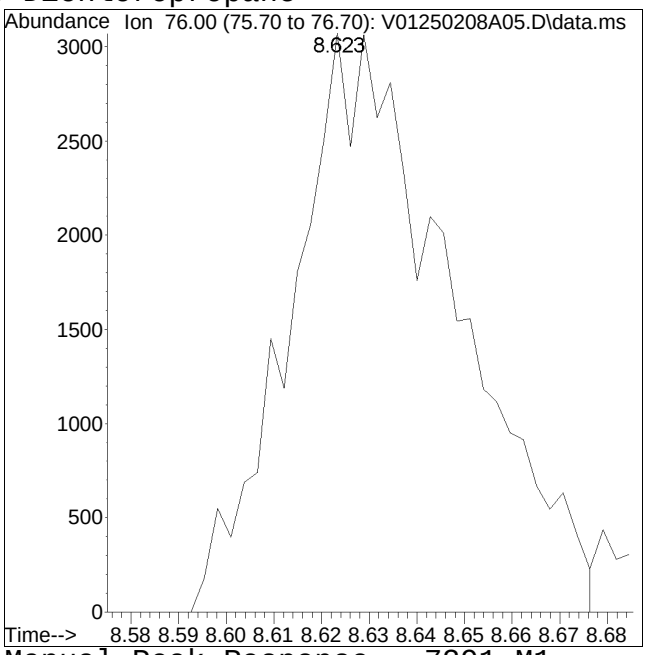
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A05.D
Date Inj'd : 2/8/2025 2:22 am
Sample : I8260STD0.5PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #70: 1,3-Dichloropropane



Original Peak Response = 2862



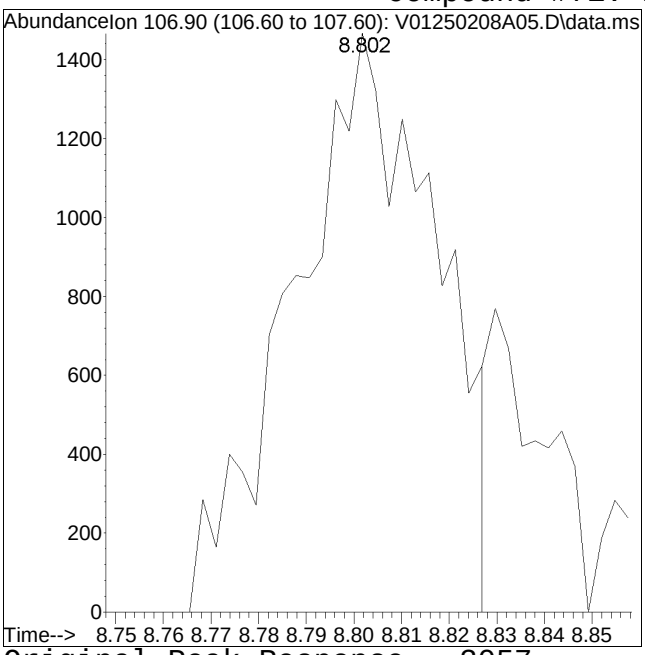
Manual Peak Response = 7291 M1

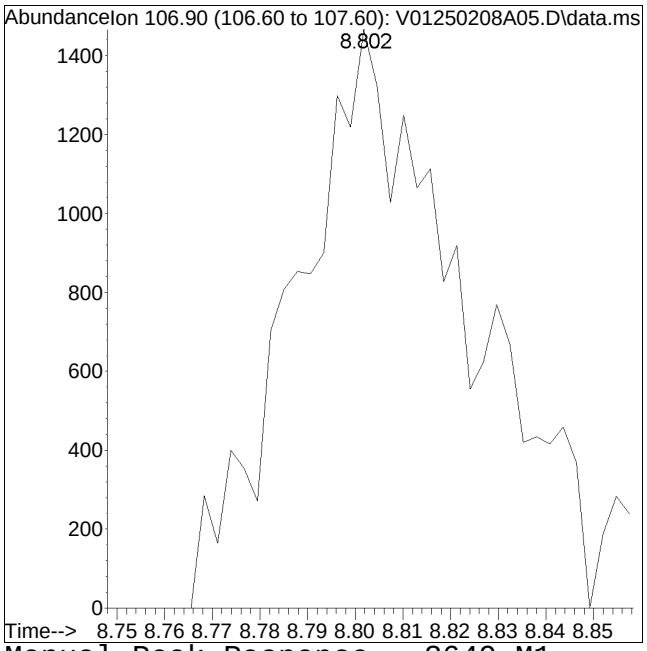
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A05.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 2:22 am Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 2/11/2025 7:40 am

Compound #71: 1,2-Dibromoethane





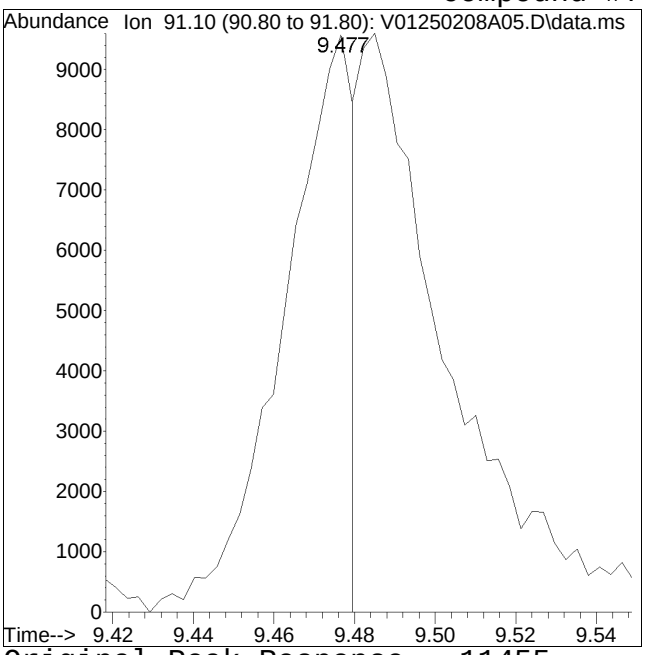
Original Peak Response = 3057 Manual Peak Response = 3649 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

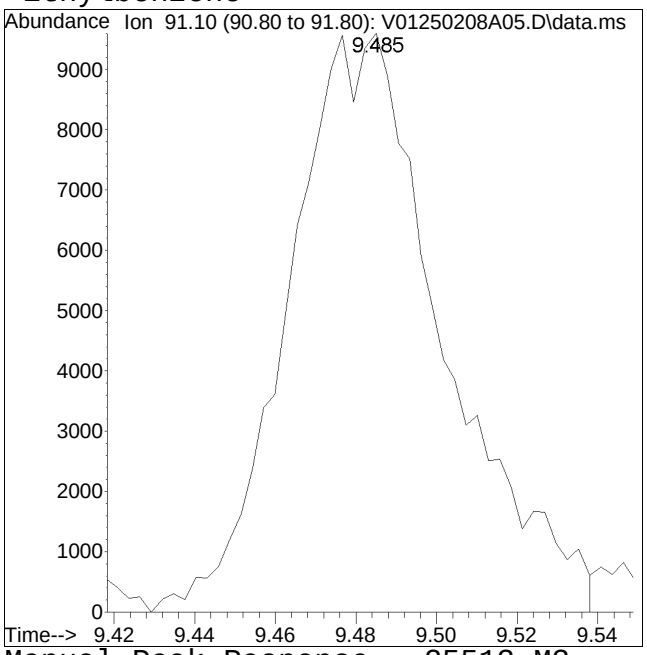
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A05.D
Date Inj'd : 2/8/2025 2:22 am
Sample : I8260STD0.5PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #74: Ethylbenzene





Original Peak Response = 11455 Manual Peak Response = 25513 M3

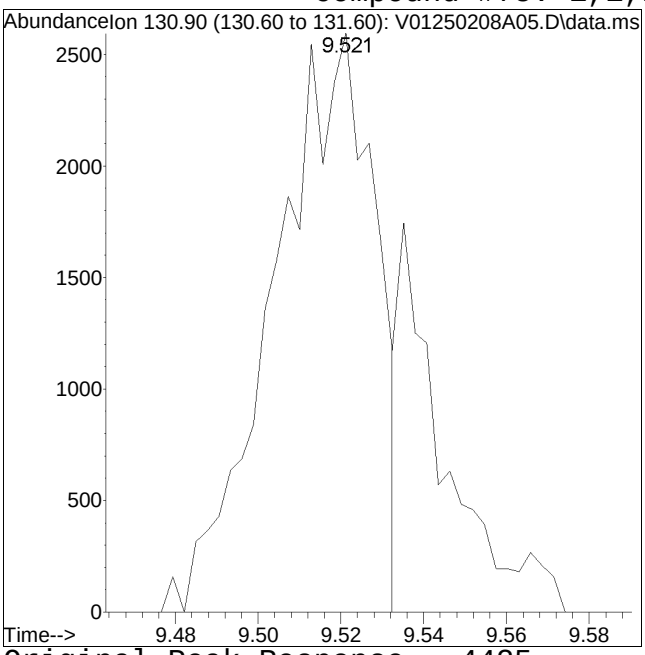
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

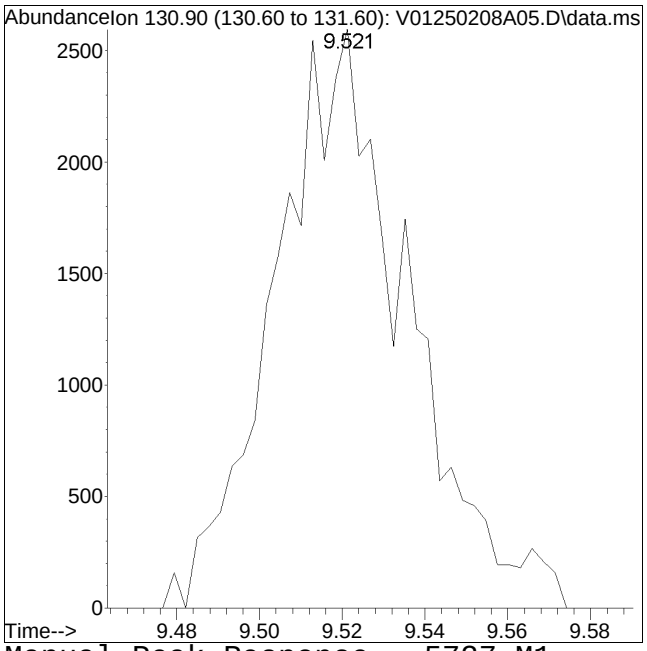
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A05.D
Date Inj'd : 2/8/2025 2:22 am
Sample : I8260STD0.5PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #75: 1,1,1,2-Tetrachloroethane



Original Peak Response = 4425



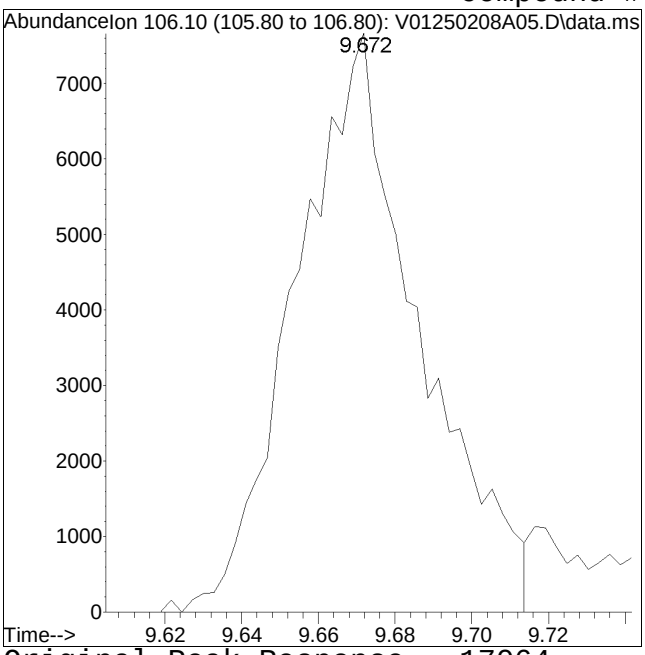
Manual Peak Response = 5727 M1

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

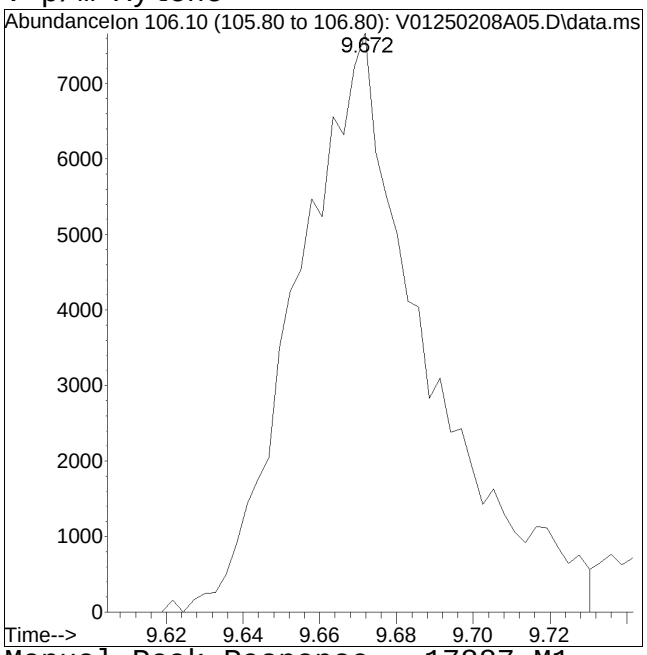
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A05.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 2:22 am Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 2/11/2025 7:40 am

Compound #76: p/m Xylene



Original Peak Response = 17064



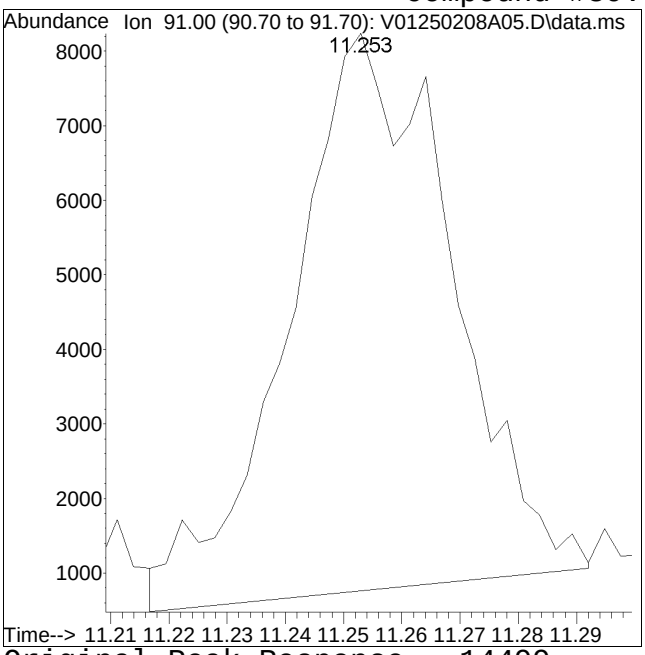
Manual Peak Response = 17887 M1

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

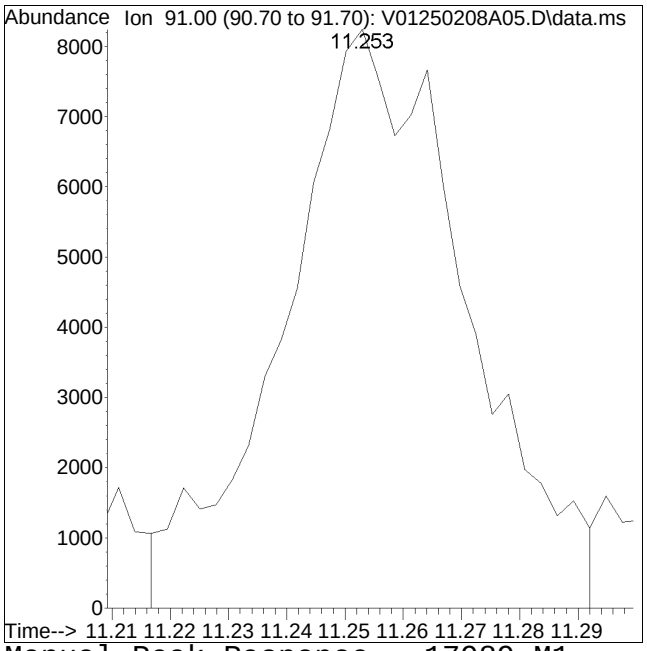
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A05.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 2:22 am Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 2/11/2025 7:40 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 14499



Manual Peak Response = 17989 M1

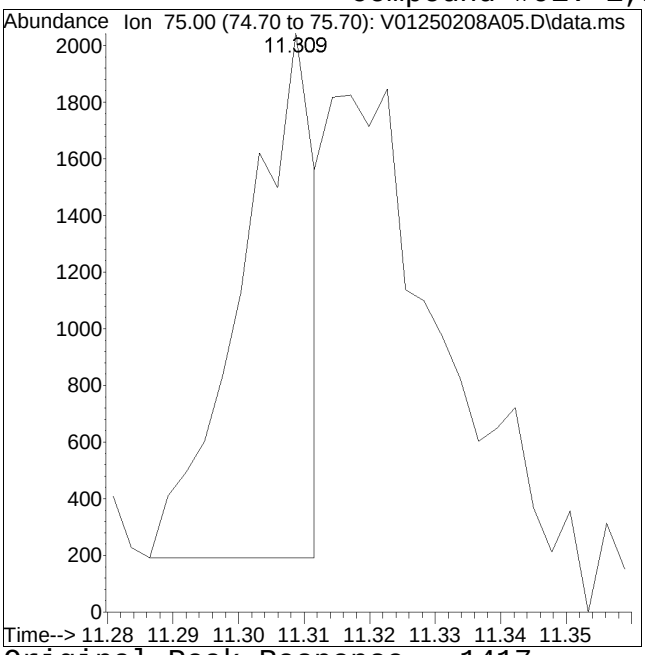
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

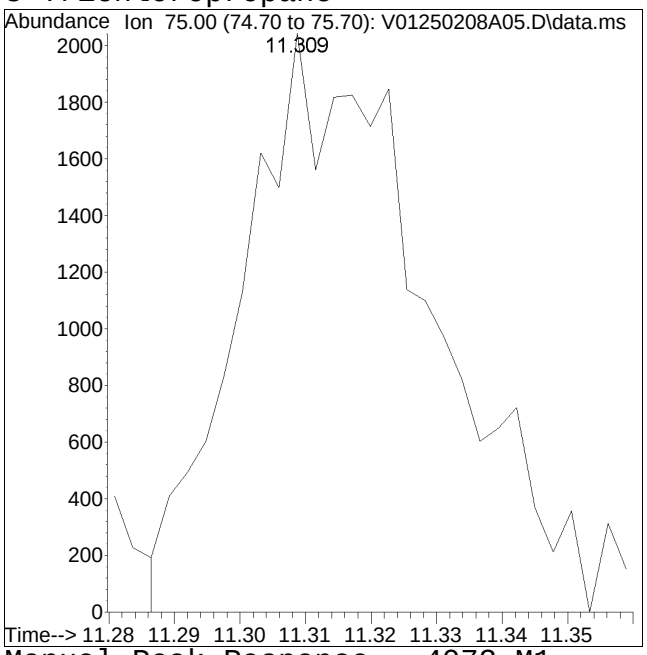
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A05.D
Date Inj'd : 2/8/2025 2:22 am
Sample : I8260STD0.5PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 1417



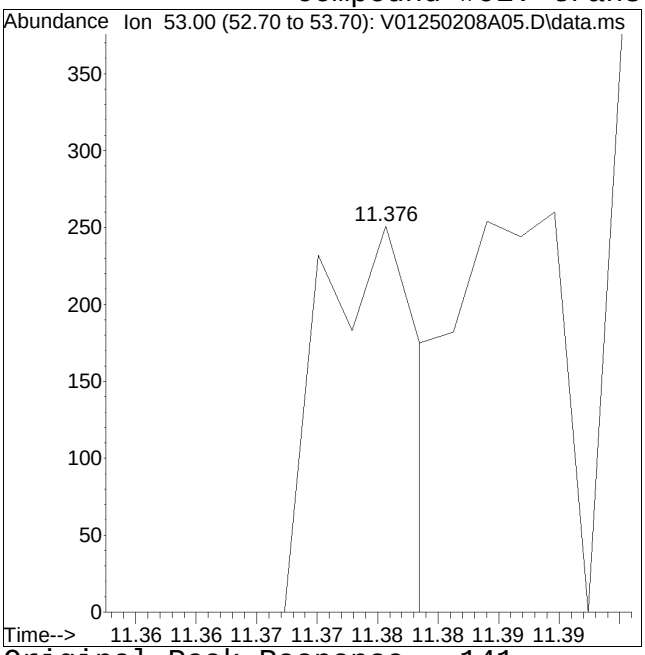
Manual Peak Response = 4073 M1

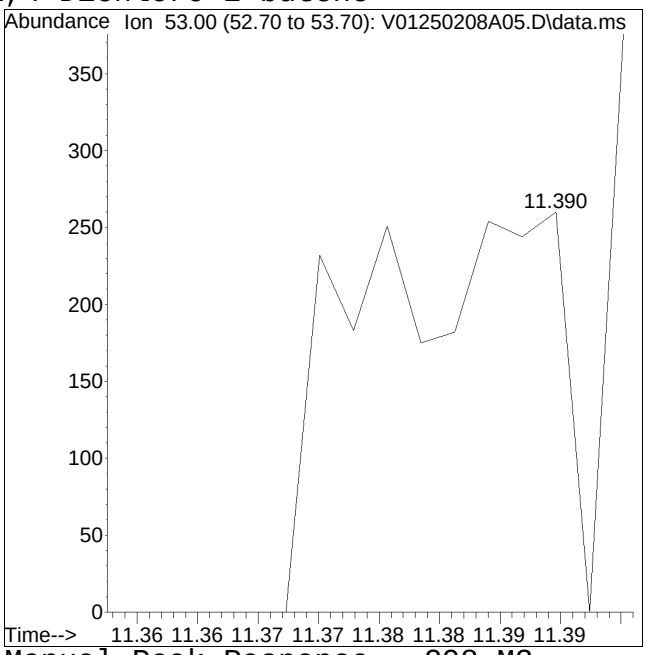
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A05.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 2:22 am Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 2/11/2025 7:40 am

Compound #92: trans-1,4-Dichloro-2-butene





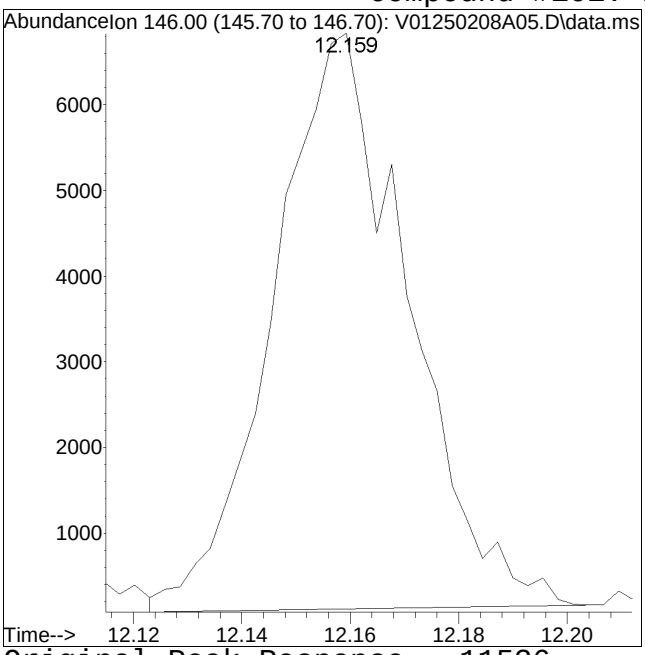
Original Peak Response = 141 Manual Peak Response = 298 M3

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

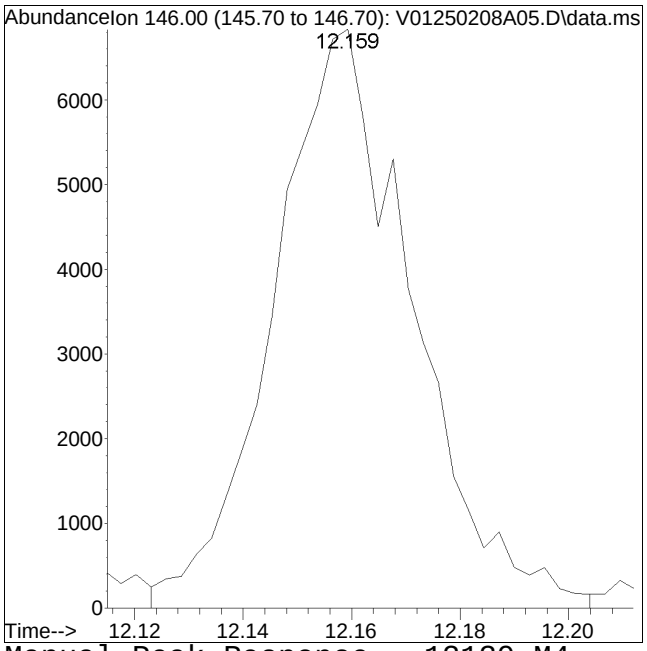
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A05.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 2:22 am Instrument : VOA 101
Sample : I8260STD0.5PPB Quant Date : 2/11/2025 7:40 am

Compound #101: 1,4-Dichlorobenzene



Original Peak Response = 11536



Manual Peak Response = 12130 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A07.D
Acq On : 8 Feb 2025 3:14 am
Operator : VOA101:PID
Sample : I8260STD2PPB
Misc : WG2028963,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 11 07:40:43 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.896	96	546831	10.000	ug/L	0.00
Standard Area 1 = 578930			Recovery = 94.46%			
59) Chlorobenzene-d5	9.410	117	402316	10.000	ug/L	0.00
Standard Area 1 = 424320			Recovery = 94.81%			
79) 1,4-Dichlorobenzene-d4	12.140	152	218035	10.000	ug/L	0.00
Standard Area 1 = 231124			Recovery = 94.34%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.098	113	138231	9.943	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.43%			
43) 1,2-Dichloroethane-d4	5.614	65	161803	10.147	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.47%			
60) Toluene-d8	7.572	98	538341	10.072	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.72%			
83) 4-Bromofluorobenzene	10.921	95	213902	10.020	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.621	85	28291	1.945	ug/L	99
3) Chloromethane	1.805	50	53722	1.996	ug/L	98
4) Vinyl chloride	1.872	62	32852	1.938	ug/L	100
5) Bromomethane	2.173	94	5569	1.411	ug/L	95
6) Chloroethane	2.285	64	16420	2.033	ug/L	92
7) Trichlorofluoromethane	2.418	101	35851	2.029	ug/L	96
8) Ethyl ether	2.711	74	8548	1.898	ug/L #	56
10) 1,1-Dichloroethene	2.890	96	23537	1.978	ug/L	84
11) Carbon disulfide	2.920	76	75245	1.909	ug/L	97
12) Freon-113	2.929	101	23058	1.902	ug/L #	63
13) Iodomethane	3.024	142	10340	1.162	ug/L	82
14) Acrolein	3.224	56	3094M3	1.767	ug/L	
15) Methylene chloride	3.431	84	27663	1.948	ug/L	75
17) Acetone	3.484	43	8056	2.111	ug/L #	78
18) trans-1,2-Dichloroethene	3.581	96	27318	2.056	ug/L	90
19) Methyl acetate	3.601	43	12886	1.875	ug/L #	87
20) Methyl tert-butyl ether	3.679	73	51398	1.848	ug/L #	77
21) tert-Butyl alcohol	3.779	59	5895	8.388	ug/L #	79
22) Diisopropyl ether	4.030	45	105954	1.898	ug/L #	89
23) 1,1-Dichloroethane	4.153	63	56641	1.982	ug/L	98
24) Halothane	4.206	117	19569	2.020	ug/L #	64

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A07.D
Acq On : 8 Feb 2025 3:14 am
Operator : VOA101:PID
Sample : I8260STD2PPB
Misc : WG2028963,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 11 07:40:43 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.200	53	5885M1	1.788	ug/L		
26) Ethyl tert-butyl ether	4.371	59	74872	1.843	ug/L	#	86
27) Vinyl acetate	4.396	43	48388	1.716	ug/L	#	94
28) cis-1,2-Dichloroethene	4.663	96	28408	1.953	ug/L		87
29) 2,2-Dichloropropane	4.755	77	33873	1.930	ug/L		84
30) Bromochloromethane	4.856	128	12144	2.117	ug/L	#	70
31) Cyclohexane	4.856	56	55161	1.836	ug/L		83
32) Chloroform	4.928	83	46121	1.952	ug/L		97
33) Ethyl acetate	5.045	43	13659	1.493	ug/L	#	83
34) Carbon tetrachloride	5.051	117	34101	1.979	ug/L		96
35) Tetrahydrofuran	5.082	42	5623M1	1.981	ug/L		
37) 1,1,1-Trichloroethane	5.121	97	40096	1.979	ug/L	#	94
39) 2-Butanone	5.227	43	6692M1	1.704	ug/L		
40) 1,1-Dichloropropene	5.243	75	33200	1.877	ug/L		98
41) Benzene	5.486	78	102255	1.976	ug/L		93
42) tert-Amyl methyl ether	5.592	73	48607	1.747	ug/L	#	73
44) 1,2-Dichloroethane	5.684	62	34011	1.989	ug/L		74
47) Methyl cyclohexane	6.066	83	41052	1.768	ug/L	#	71
48) Trichloroethene	6.080	95	28610	2.002	ug/L	#	78
50) Dibromomethane	6.518	93	12857	1.954	ug/L	#	78
51) 1,2-Dichloropropane	6.613	63	30955	1.960	ug/L		95
54) Bromodichloromethane	6.693	83	33357	1.902	ug/L		97
57) 1,4-Dioxane	6.900	88	25640M1	364.909	ug/L		
58) cis-1,3-Dichloropropene	7.379	75	30057M3	1.665	ug/L		
61) Toluene	7.636	92	62570	1.947	ug/L		99
62) 4-Methyl-2-pentanone	8.074	58	4594M3	1.478	ug/L		
63) Tetrachloroethene	8.091	166	26024	1.981	ug/L	#	74
65) trans-1,3-Dichloropropene	8.121	75	23550	1.644	ug/L		97
67) Ethyl methacrylate	8.319	69	14362M1	1.438	ug/L		
68) 1,1,2-Trichloroethane	8.303	83	16126M1	2.003	ug/L		
69) Chlorodibromomethane	8.514	129	19642	1.767	ug/L		93
70) 1,3-Dichloropropane	8.623	76	30653	1.860	ug/L		100
71) 1,2-Dibromoethane	8.796	107	15788M1	1.808	ug/L		
72) 2-Hexanone	9.100	43	7642M1	1.409	ug/L		
73) Chlorobenzene	9.432	112	69977	1.962	ug/L	#	64
74) Ethylbenzene	9.474	91	115953	1.868	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.513	131	23371	1.870	ug/L	#	79
76) p/m Xylene	9.661	106	90546	3.823	ug/L		99
77) o Xylene	10.202	106	86948	3.802	ug/L		99
78) Styrene	10.277	104	125852	3.590	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A07.D
Acq On : 8 Feb 2025 3:14 am
Operator : VOA101:PID
Sample : I8260STD2PPB
Misc : WG2028963,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 11 07:40:43 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	10.302	173	10787	1.778	ug/L		98
82) Isopropylbenzene	10.595	105	112480	1.872	ug/L		99
84) Bromobenzene	11.041	156	26167M3	1.930	ug/L		
85) n-Propylbenzene	11.080	91	135665	1.914	ug/L		99
86) 1,4-Dichlorobutane	11.094	55	35339	1.918	ug/L		96
87) 1,1,2,2-Tetrachloroethane	11.175	83	21110	1.944	ug/L		98
88) 4-Ethyltoluene	11.208	105	108921	1.869	ug/L		99
89) 2-Chlorotoluene	11.250	91	85575M1	1.995	ug/L		
90) 1,3,5-Trimethylbenzene	11.306	105	92807	1.924	ug/L		95
91) 1,2,3-Trichloropropane	11.309	75	16796M1	1.994	ug/L		
92) trans-1,4-Dichloro-2-b...	11.373	53	3564	1.694	ug/L	#	23
93) 4-Chlorotoluene	11.437	91	79979	1.876	ug/L		96
94) tert-Butylbenzene	11.646	119	76611	1.843	ug/L		99
97) 1,2,4-Trimethylbenzene	11.727	105	84146	1.841	ug/L		100
98) sec-Butylbenzene	11.841	105	107929	1.857	ug/L		98
99) p-Isopropyltoluene	11.997	119	88724	1.795	ug/L		98
100) 1,3-Dichlorobenzene	12.067	146	47256	1.916	ug/L		98
101) 1,4-Dichlorobenzene	12.154	146	48774	1.929	ug/L		95
102) p-Diethylbenzene	12.371	119	48210	1.721	ug/L		98
103) n-Butylbenzene	12.430	91	70230	1.764	ug/L		97
104) 1,2-Dichlorobenzene	12.583	146	41689	1.908	ug/L		98
105) 1,2,4,5-Tetramethylben...	13.169	119	59634	1.599	ug/L		98
106) 1,2-Dibromo-3-chloropr...	13.367	155	1788	1.578	ug/L		87
107) 1,3,5-Trichlorobenzene	13.400	180	23953	1.789	ug/L		97
108) Hexachlorobutadiene	13.972	225	8855	1.810	ug/L		96
109) 1,2,4-Trichlorobenzene	14.002	180	17598	1.702	ug/L		96
110) Naphthalene	14.298	128	28965	1.533	ug/L		100
111) 1,2,3-Trichlorobenzene	14.465	180	13159	1.665	ug/L	#	93

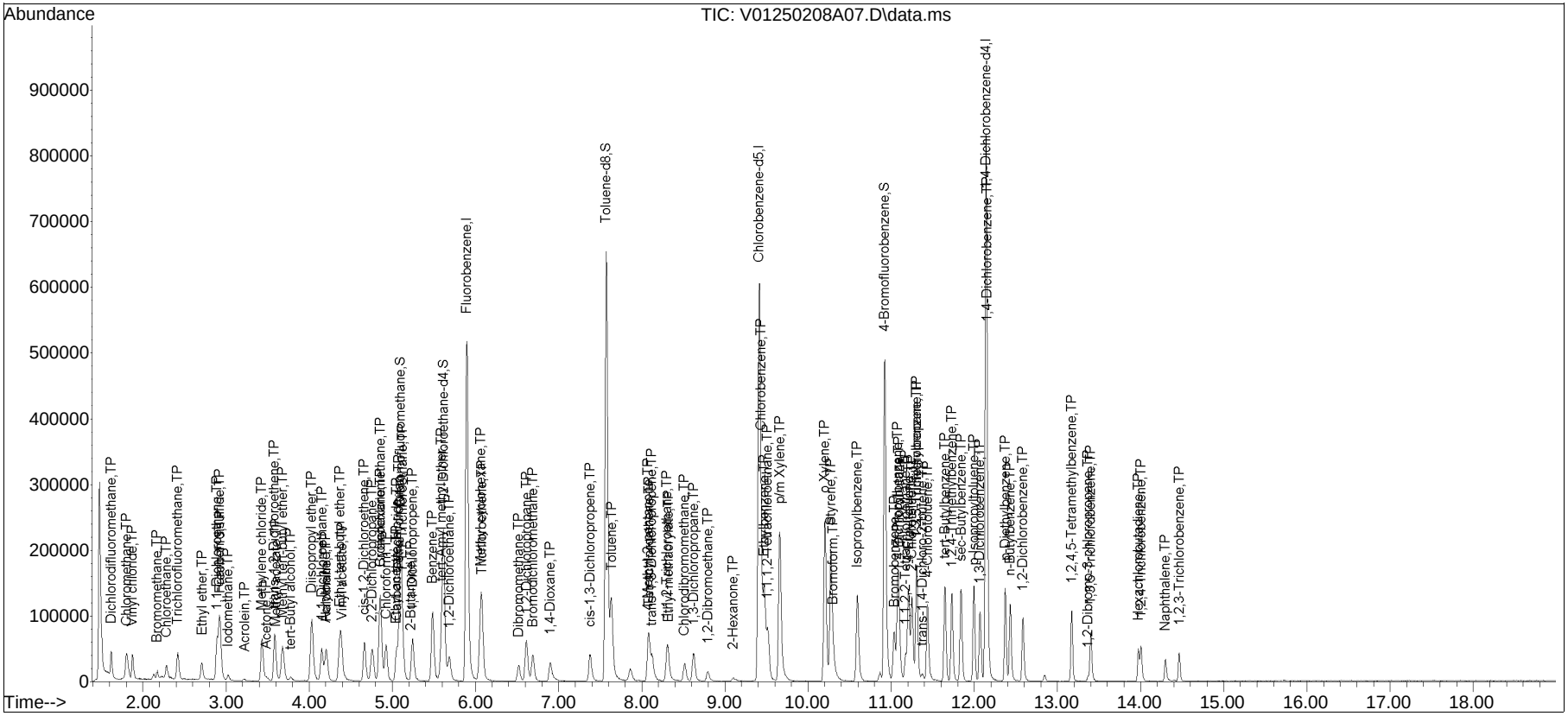
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A07.D
Acq On : 8 Feb 2025 3:14 am
Operator : VOA101:PID
Sample : I8260STD2PPB
Misc : WG2028963,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 11 07:40:43 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE208A09.D•

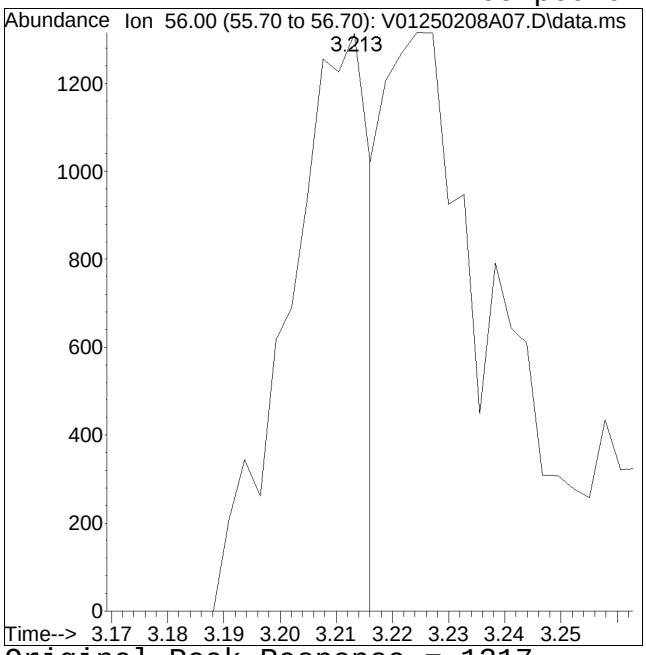


Manual Integration Report

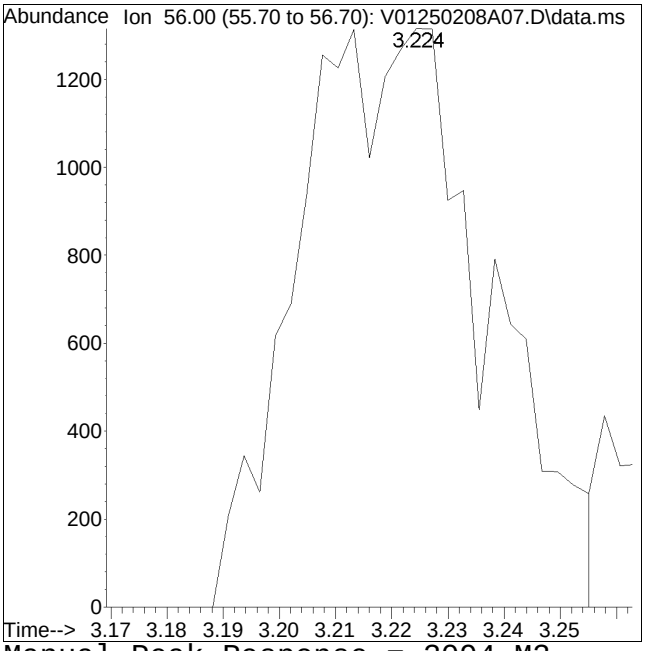
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A07.D
Date Inj'd : 2/8/2025 3:14 am
Sample : I8260STD2PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #14: Acrolein



Original Peak Response = 1317



Manual Peak Response = 3094 M3

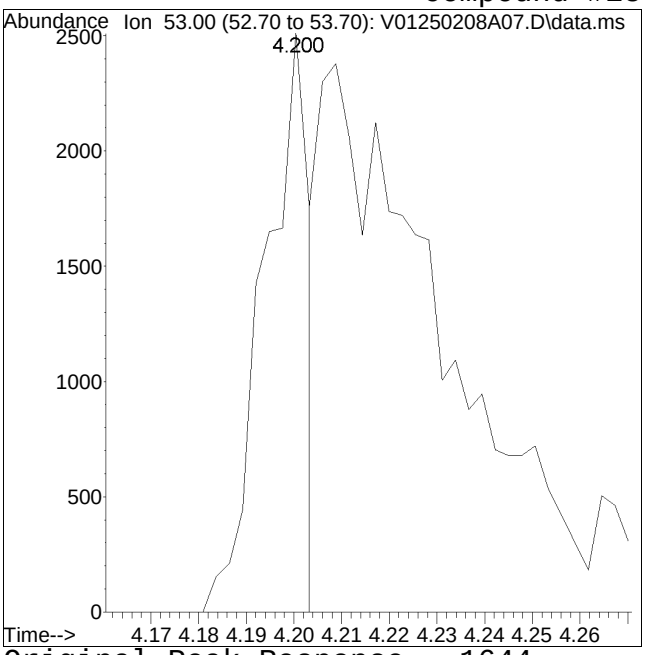
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

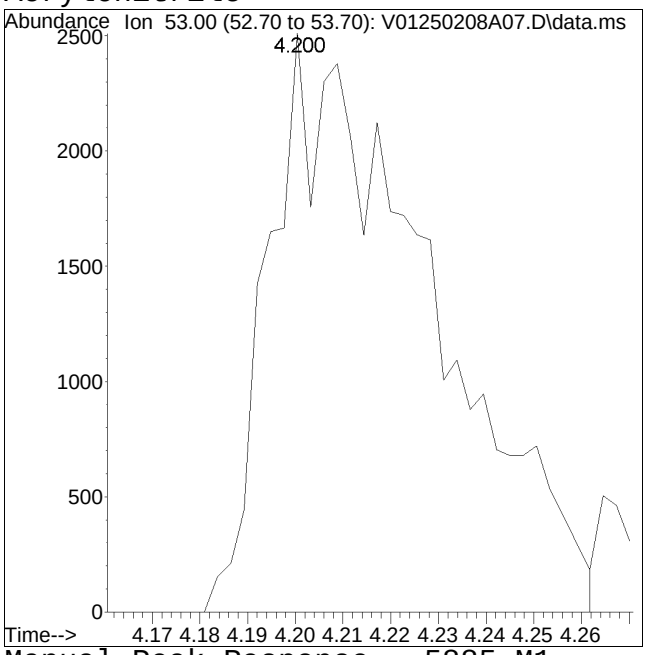
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A07.D
Date Inj'd : 2/8/2025 3:14 am
Sample : I8260STD2PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #25: Acrylonitrile



Original Peak Response = 1644



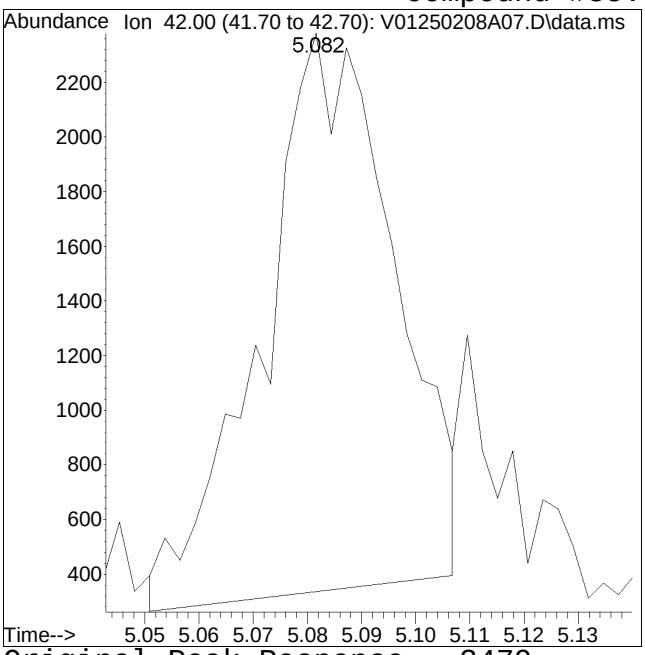
Manual Peak Response = 5885 M1

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

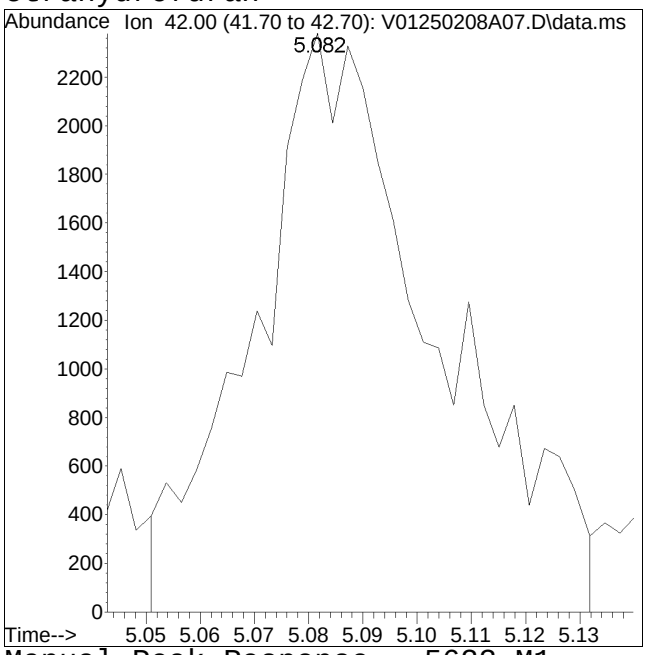
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A07.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 3:14 am Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 2/11/2025 7:40 am

Compound #35: Tetrahydrofuran



Original Peak Response = 3479



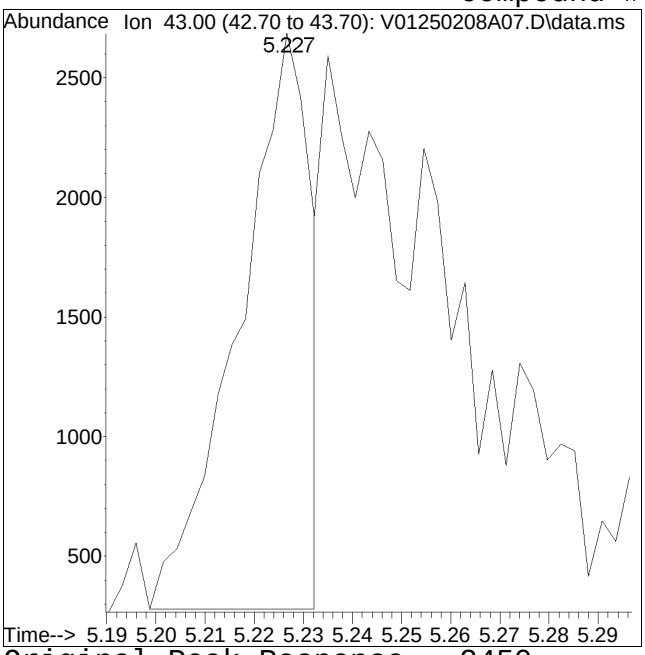
Manual Peak Response = 5623 M1

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

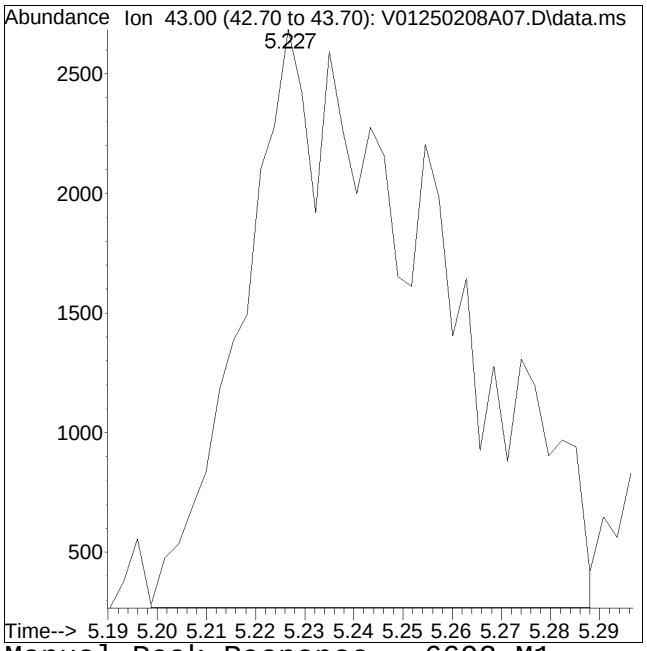
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A07.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 3:14 am Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 2/11/2025 7:40 am

Compound #39: 2-Butanone



Original Peak Response = 2450



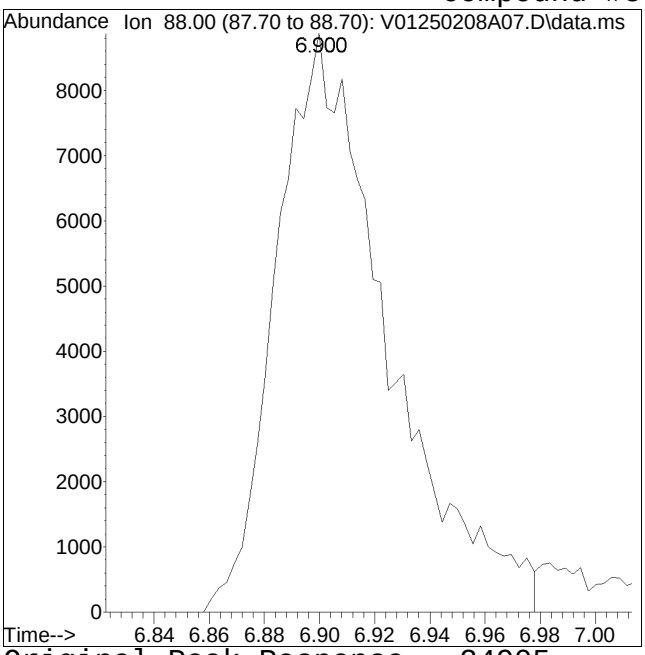
Manual Peak Response = 6692 M1

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

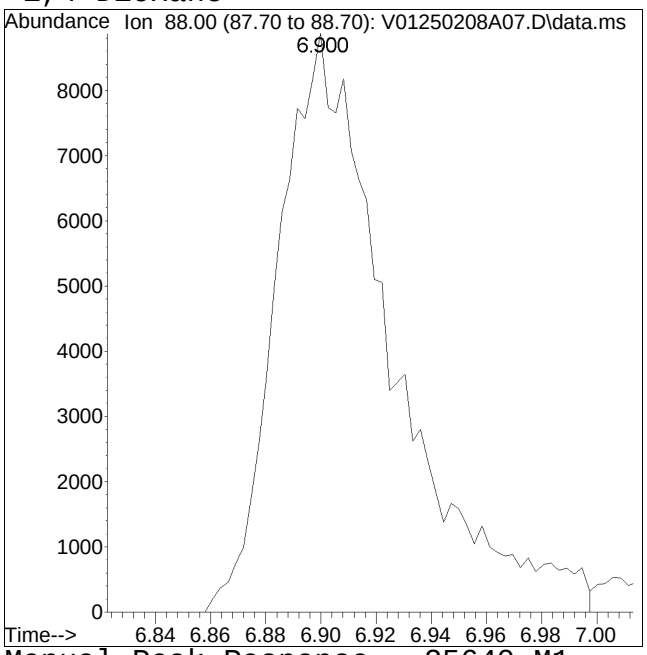
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A07.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 3:14 am Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 2/11/2025 7:40 am

Compound #57: 1,4-Dioxane



Original Peak Response = 24905



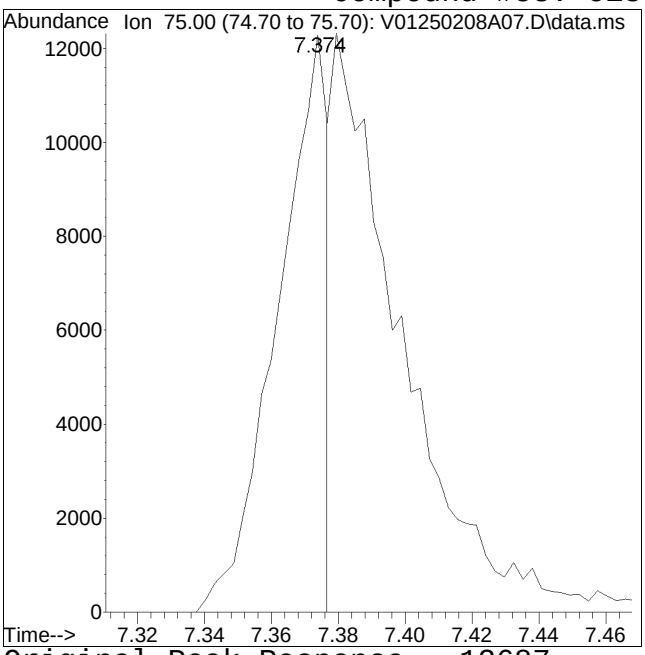
Manual Peak Response = 25640 M1

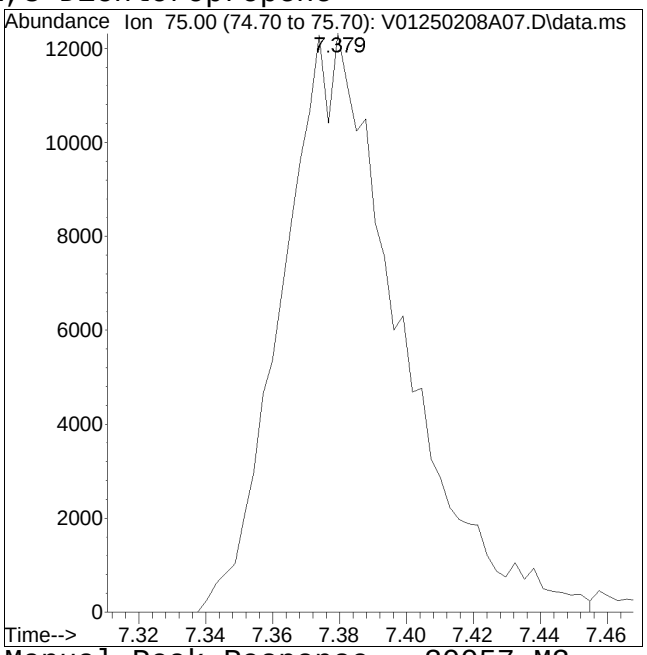
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A07.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 3:14 am Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 2/11/2025 7:40 am

Compound #58: cis-1,3-Dichloropropene





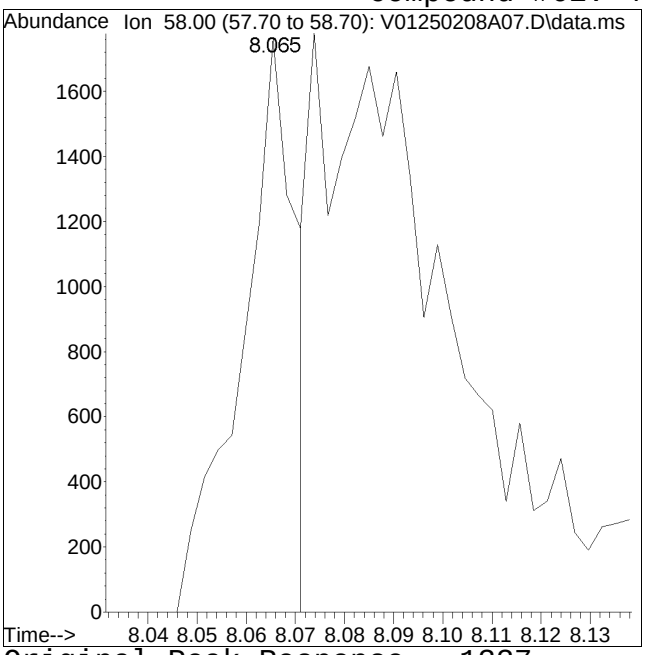
Original Peak Response = 12687 Manual Peak Response = 30057 M3

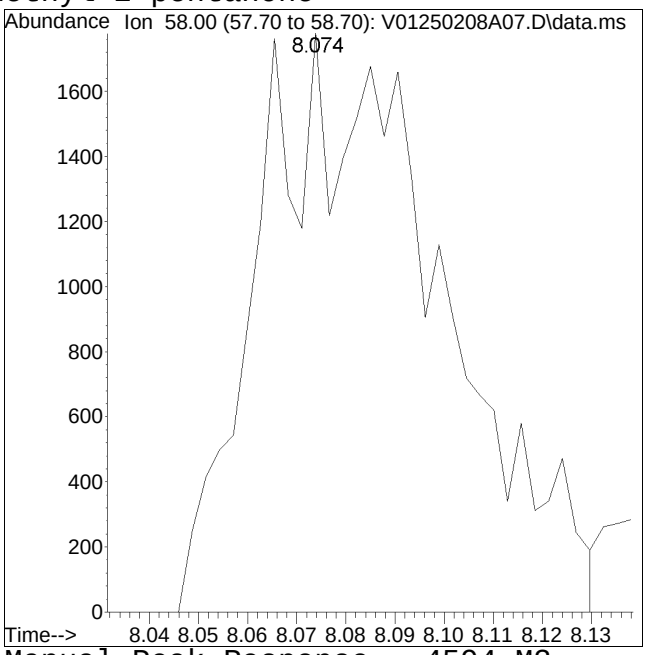
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A07.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 3:14 am Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 2/11/2025 7:40 am

Compound #62: 4-Methyl-2-pentanone





Original Peak Response = 1337 Manual Peak Response = 4594 M3

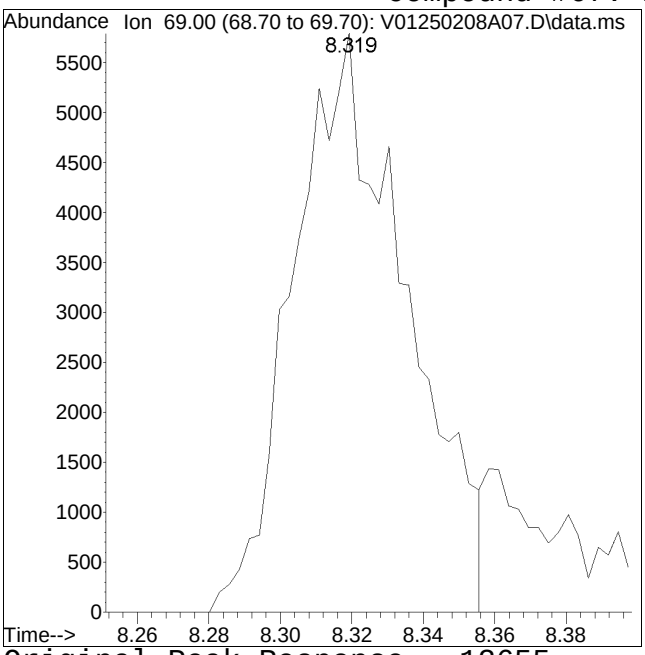
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

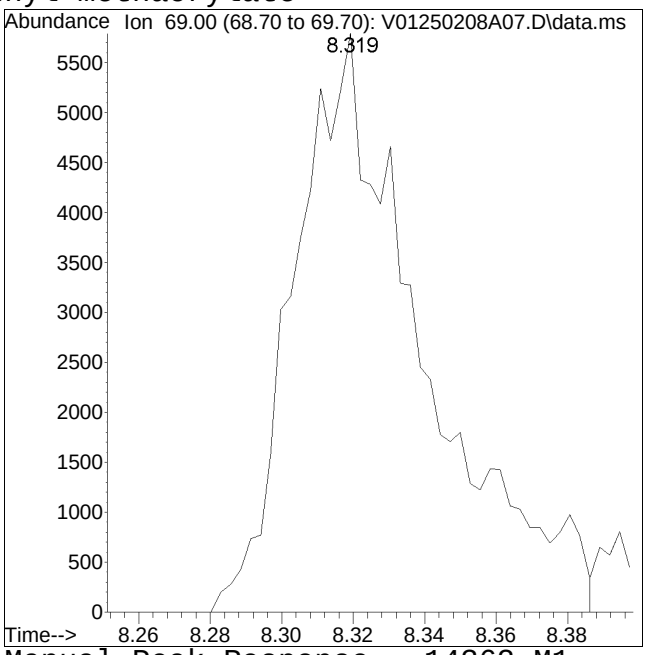
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A07.D
Date Inj'd : 2/8/2025 3:14 am
Sample : I8260STD2PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #67: Ethyl methacrylate



Original Peak Response = 12655



Manual Peak Response = 14362 M1

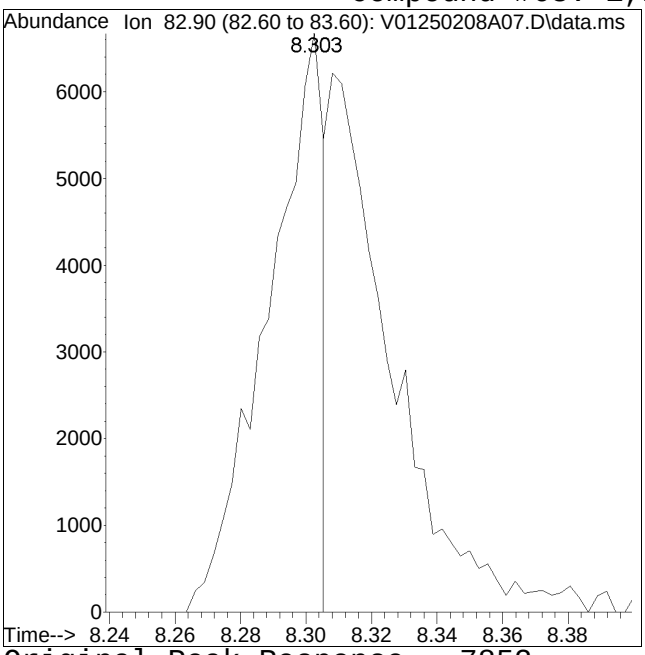
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

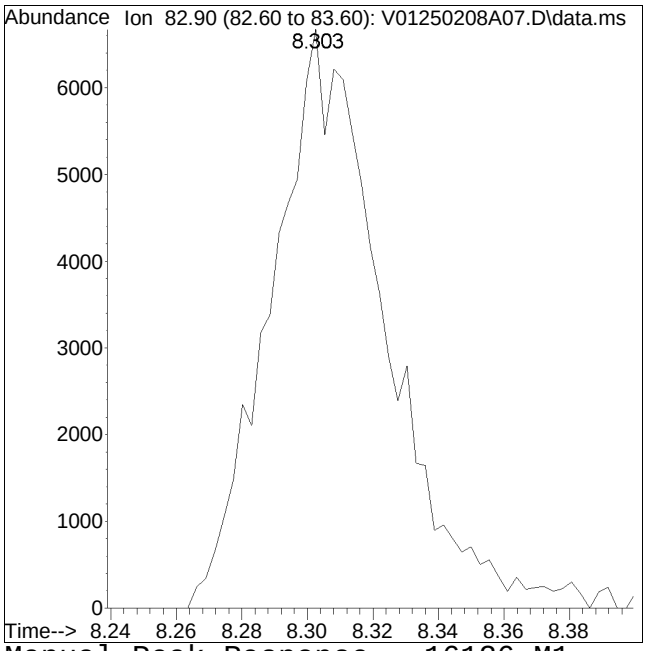
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A07.D
Date Inj'd : 2/8/2025 3:14 am
Sample : I8260STD2PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #68: 1,1,2-Trichloroethane



Original Peak Response = 7852



Manual Peak Response = 16126 M1

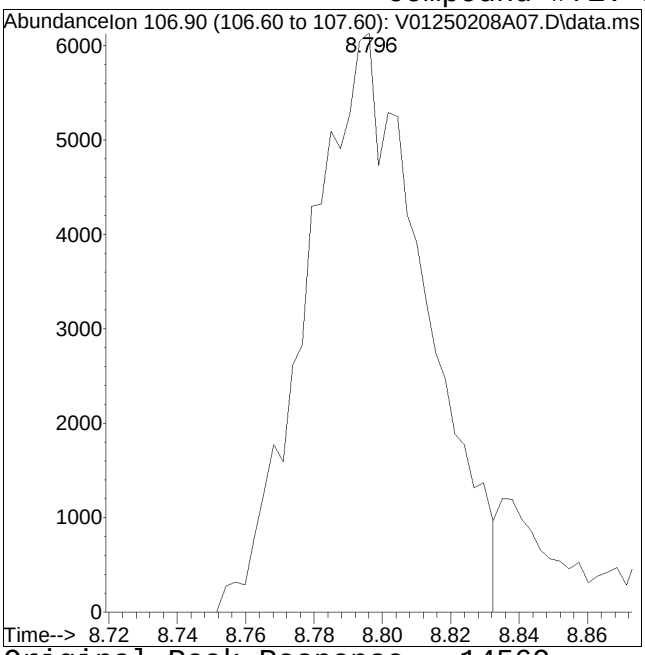
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

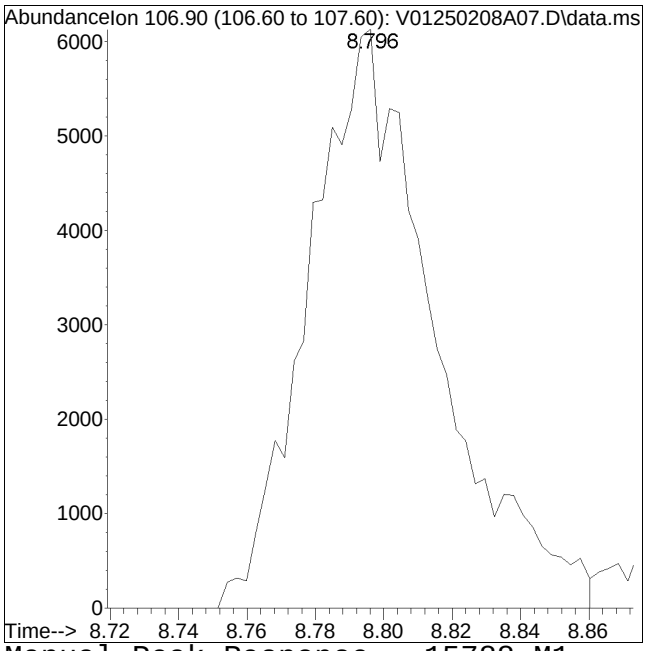
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A07.D
Date Inj'd : 2/8/2025 3:14 am
Sample : I8260STD2PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #71: 1,2-Dibromoethane



Original Peak Response = 14569



Manual Peak Response = 15788 M1

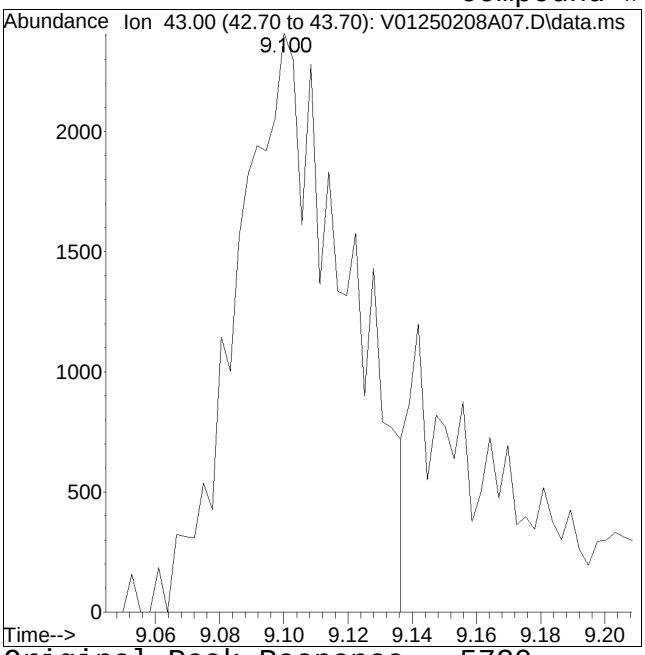
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

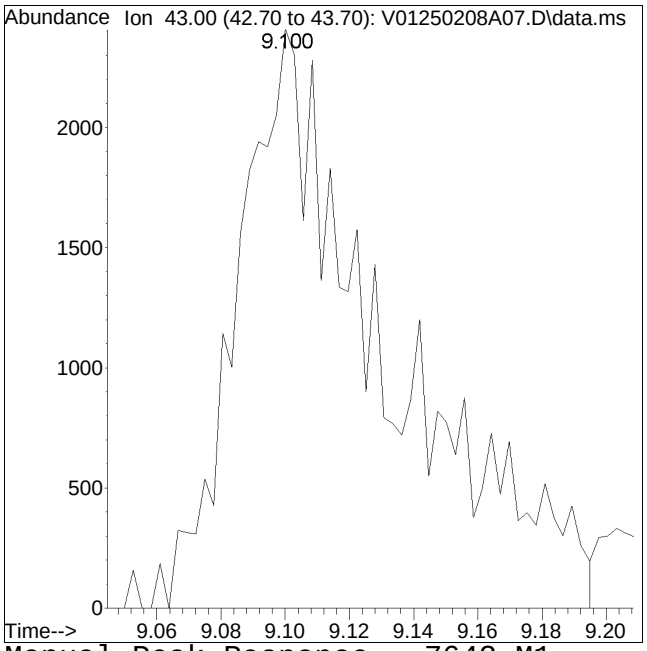
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A07.D
Date Inj'd : 2/8/2025 3:14 am
Sample : I8260STD2PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #72: 2-Hexanone



Original Peak Response = 5720



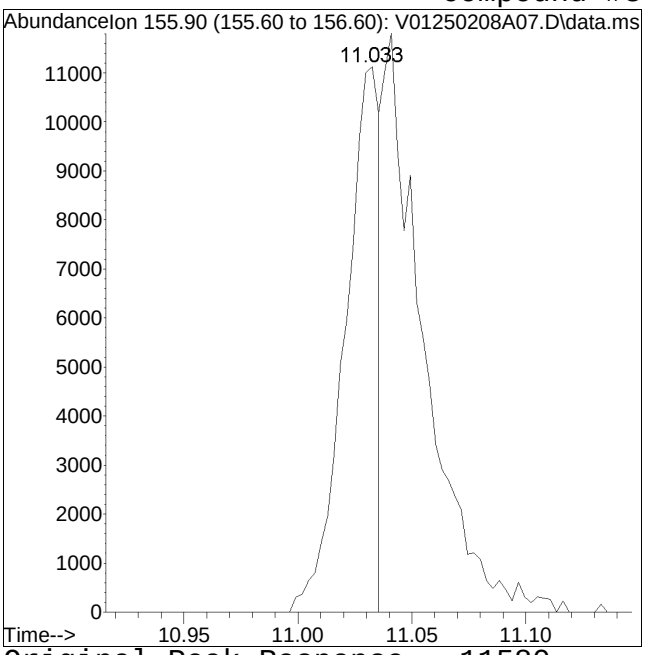
Manual Peak Response = 7642 M1

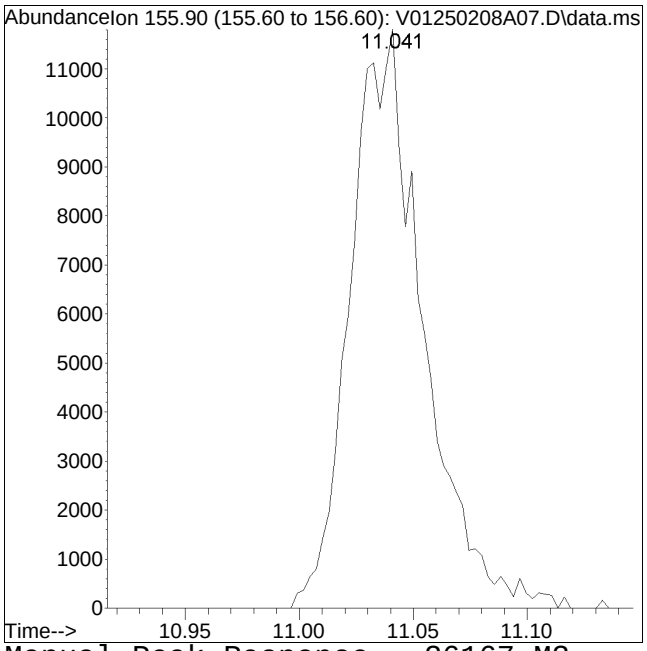
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A07.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 3:14 am Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 2/11/2025 7:40 am

Compound #84: Bromobenzene





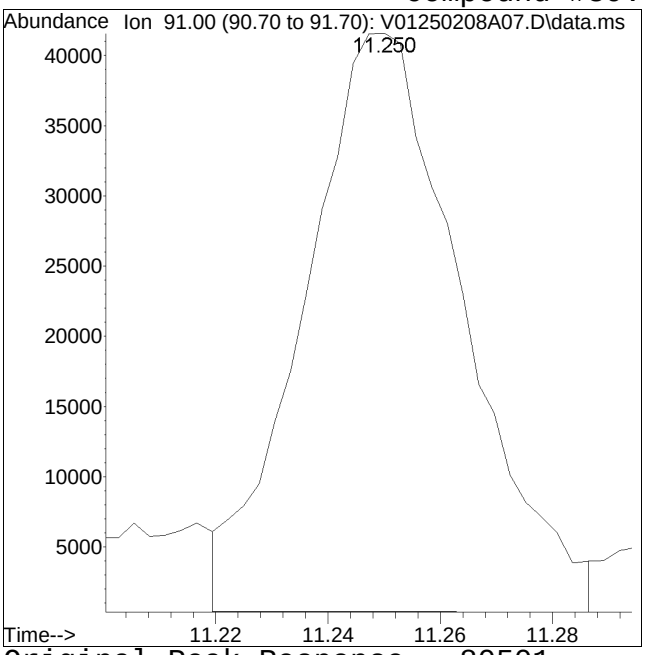
Original Peak Response = 11580 Manual Peak Response = 26167 M3

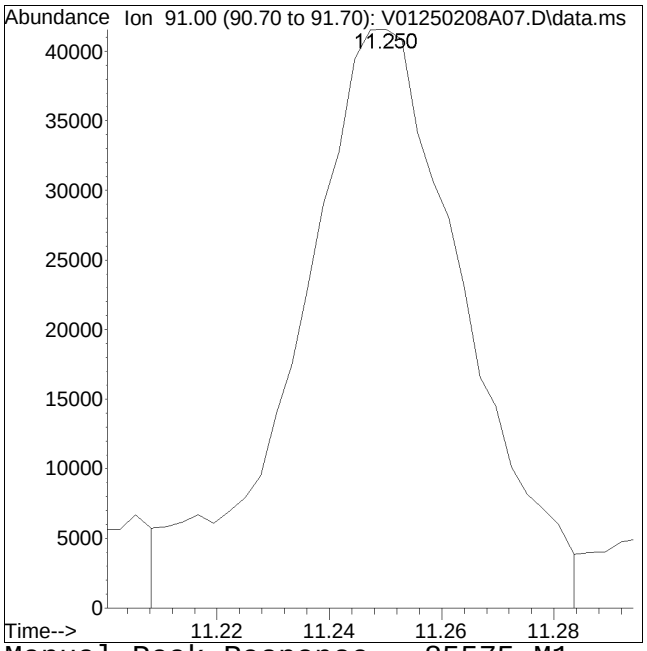
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A07.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 3:14 am Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 2/11/2025 7:40 am

Compound #89: 2-Chlorotoluene



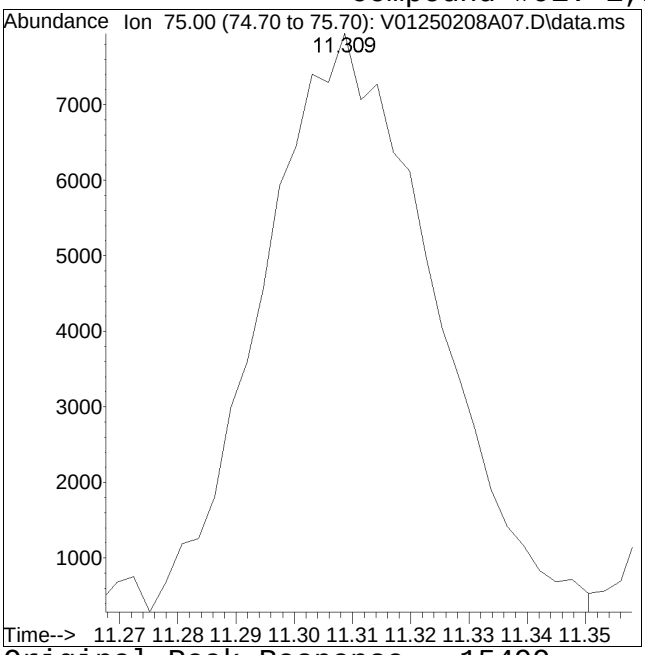


Original Peak Response = 80501 Manual Peak Response = 85575 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

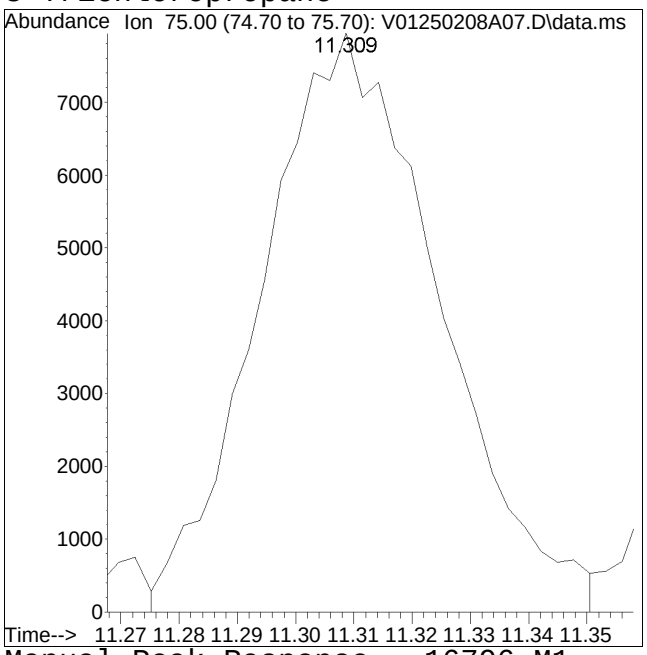
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A07.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 3:14 am Instrument : VOA 101
Sample : I8260STD2PPB Quant Date : 2/11/2025 7:40 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 15499



Manual Peak Response = 16796 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A09.D
Acq On : 8 Feb 2025 4:07 am
Operator : VOA101:PID
Sample : I8260STD10PPB
Misc : WG2028963,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 11 07:40:51 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.899	96	578930	10.000	ug/L	0.00
Standard Area 1 = 578930			Recovery = 100.00%			
59) Chlorobenzene-d5	9.410	117	424320	10.000	ug/L	0.00
Standard Area 1 = 424320			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.140	152	231124	10.000	ug/L	0.00
Standard Area 1 = 231124			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.099	113	146664	9.965	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.65%			
43) 1,2-Dichloroethane-d4	5.614	65	166783	9.879	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.79%			
60) Toluene-d8	7.572	98	566440	10.048	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.48%			
83) 4-Bromofluorobenzene	10.921	95	223811	9.891	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.91%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.618	85	161603	10.492	ug/L	98
3) Chloromethane	1.805	50	271883	9.539	ug/L	97
4) Vinyl chloride	1.875	62	179418	10.000	ug/L	98
5) Bromomethane	2.173	94	32413	7.755	ug/L	98
6) Chloroethane	2.285	64	86114	10.070	ug/L	97
7) Trichlorofluoromethane	2.419	101	193037	10.320	ug/L	99
8) Ethyl ether	2.706	74	45429	9.528	ug/L #	64
10) 1,1-Dichloroethene	2.893	96	125284	9.945	ug/L	84
11) Carbon disulfide	2.923	76	402924	9.656	ug/L	99
12) Freon-113	2.929	101	133189	10.380	ug/L #	73
13) Iodomethane	3.027	142	64652	6.862	ug/L	99
14) Acrolein	3.205	56	18252	9.845	ug/L	100
15) Methylene chloride	3.431	84	145469	9.677	ug/L	78
17) Acetone	3.478	43	27092	6.707	ug/L	93
18) trans-1,2-Dichloroethene	3.584	96	141333	10.047	ug/L	88
19) Methyl acetate	3.595	43	71046	9.764	ug/L #	89
20) Methyl tert-butyl ether	3.679	73	284073	9.646	ug/L #	88
21) tert-Butyl alcohol	3.777	59	35365	47.534	ug/L #	72
22) Diisopropyl ether	4.028	45	594600	10.058	ug/L	91
23) 1,1-Dichloroethane	4.150	63	303189	10.023	ug/L	98
24) Halothane	4.201	117	105293	10.267	ug/L	100

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A09.D
Acq On : 8 Feb 2025 4:07 am
Operator : VOA101:PID
Sample : I8260STD10PPB
Misc : WG2028963,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 11 07:40:51 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.198	53	34784	9.980	ug/L		94
26) Ethyl tert-butyl ether	4.373	59	422443	9.822	ug/L		95
27) Vinyl acetate	4.379	43	300289	10.058	ug/L	#	95
28) cis-1,2-Dichloroethene	4.661	96	152624	9.908	ug/L		87
29) 2,2-Dichloropropane	4.761	77	182840	9.842	ug/L		87
30) Bromochloromethane	4.853	128	62830	10.347	ug/L	#	72
31) Cyclohexane	4.856	56	333761	10.490	ug/L		84
32) Chloroform	4.923	83	254458	10.171	ug/L		99
33) Ethyl acetate	5.032	43	99619	10.288	ug/L	#	94
34) Carbon tetrachloride	5.057	117	186817	10.239	ug/L		96
35) Tetrahydrofuran	5.085	42	31136M1	10.359	ug/L		
37) 1,1,1-Trichloroethane	5.115	97	219734	10.242	ug/L	#	95
39) 2-Butanone	5.216	43	39405	9.479	ug/L	#	50
40) 1,1-Dichloropropene	5.238	75	194192	10.372	ug/L		98
41) Benzene	5.481	78	560226	10.226	ug/L		92
42) tert-Amyl methyl ether	5.589	73	281607	9.560	ug/L	#	80
44) 1,2-Dichloroethane	5.684	62	183619	10.143	ug/L		100
47) Methyl cyclohexane	6.063	83	253926	10.328	ug/L	#	78
48) Trichloroethene	6.075	95	150618	9.953	ug/L		97
50) Dibromomethane	6.515	93	69778	10.017	ug/L		96
51) 1,2-Dichloropropane	6.613	63	164665	9.849	ug/L		97
54) Bromodichloromethane	6.685	83	183822	9.902	ug/L		98
57) 1,4-Dioxane	6.897	88	39345M1	528.911	ug/L		
58) cis-1,3-Dichloropropene	7.371	75	183203	9.587	ug/L		94
61) Toluene	7.633	92	339417	10.012	ug/L		99
62) 4-Methyl-2-pentanone	8.063	58	29370	8.957	ug/L	#	87
63) Tetrachloroethene	8.077	166	140245	10.121	ug/L		96
65) trans-1,3-Dichloropropene	8.113	75	147703	9.779	ug/L		94
67) Ethyl methacrylate	8.303	69	102034	9.688	ug/L		94
68) 1,1,2-Trichloroethane	8.303	83	85830	10.110	ug/L		99
69) Chlorodibromomethane	8.512	129	115589	9.858	ug/L		97
70) 1,3-Dichloropropane	8.618	76	176279	10.140	ug/L		100
71) 1,2-Dibromoethane	8.788	107	93076	10.105	ug/L		99
72) 2-Hexanone	9.081	43	49673M1	8.685	ug/L		
73) Chlorobenzene	9.429	112	378561	10.062	ug/L		99
74) Ethylbenzene	9.468	91	674209	10.300	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.516	131	132829	10.075	ug/L		99
76) p/m Xylene	9.655	106	520114	20.823	ug/L		97
77) o Xylene	10.202	106	502822	20.849	ug/L		98
78) Styrene	10.269	104	776093	20.992	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A09.D
Acq On : 8 Feb 2025 4:07 am
Operator : VOA101:PID
Sample : I8260STD10PPB
Misc : WG2028963,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 11 07:40:51 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.299	173	61868	9.618	ug/L	99
82) Isopropylbenzene	10.592	105	643966	10.108	ug/L	100
84) Bromobenzene	11.036	156	144751	10.073	ug/L	99
85) n-Propylbenzene	11.075	91	765056	10.184	ug/L	100
86) 1,4-Dichlorobutane	11.091	55	195258	9.999	ug/L	97
87) 1,1,2,2-Tetrachloroethane	11.169	83	112967	9.812	ug/L	100
88) 4-Ethyltoluene	11.203	105	621481	10.060	ug/L	99
89) 2-Chlorotoluene	11.245	91	453811M4	9.983	ug/L	
90) 1,3,5-Trimethylbenzene	11.300	105	509324	9.962	ug/L	99
91) 1,2,3-Trichloropropane	11.306	75	87732M1	9.826	ug/L	
92) trans-1,4-Dichloro-2-b...	11.367	53	22399M1	10.043	ug/L	
93) 4-Chlorotoluene	11.429	91	449178	9.941	ug/L	98
94) tert-Butylbenzene	11.646	119	444766	10.093	ug/L	99
97) 1,2,4-Trimethylbenzene	11.727	105	492430	10.161	ug/L	99
98) sec-Butylbenzene	11.839	105	622627	10.108	ug/L	97
99) p-Isopropyltoluene	11.992	119	527814	10.071	ug/L	97
100) 1,3-Dichlorobenzene	12.062	146	259697	9.936	ug/L	98
101) 1,4-Dichlorobenzene	12.157	146	259537	9.685	ug/L	97
102) p-Diethylbenzene	12.369	119	293844	9.898	ug/L	98
103) n-Butylbenzene	12.427	91	420305	9.960	ug/L	99
104) 1,2-Dichlorobenzene	12.580	146	228741	9.877	ug/L	98
105) 1,2,4,5-Tetramethylben...	13.169	119	388935	9.839	ug/L	97
106) 1,2-Dibromo-3-chloropr...	13.370	155	11949	9.951	ug/L	98
107) 1,3,5-Trichlorobenzene	13.398	180	137278	9.671	ug/L	98
108) Hexachlorobutadiene	13.975	225	50373	9.713	ug/L	96
109) 1,2,4-Trichlorobenzene	14.000	180	104032	9.491	ug/L	98
110) Naphthalene	14.293	128	184129	9.192	ug/L	100
111) 1,2,3-Trichlorobenzene	14.460	180	79429	9.480	ug/L	98

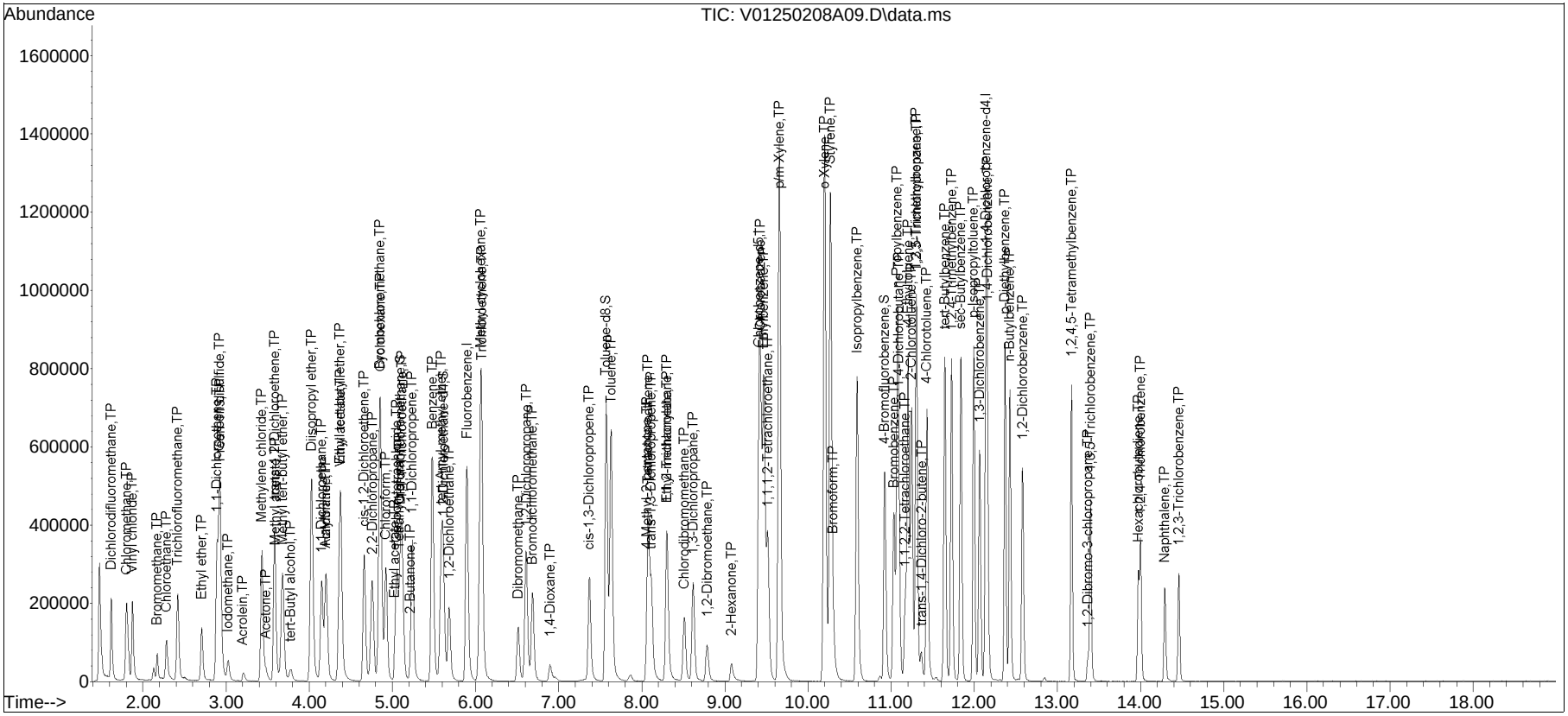
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A09.D
Acq On : 8 Feb 2025 4:07 am
Operator : VOA101:PID
Sample : I8260STD10PPB
Misc : WG2028963,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 11 07:40:51 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

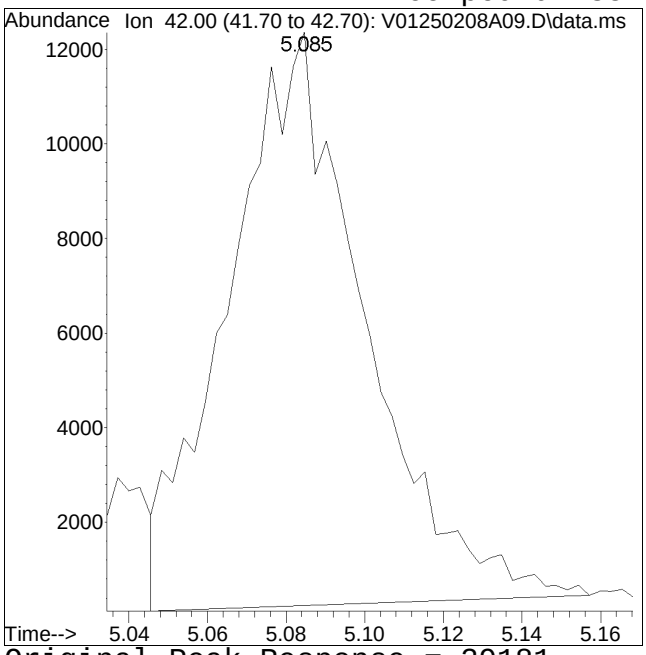
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE208A09.D•

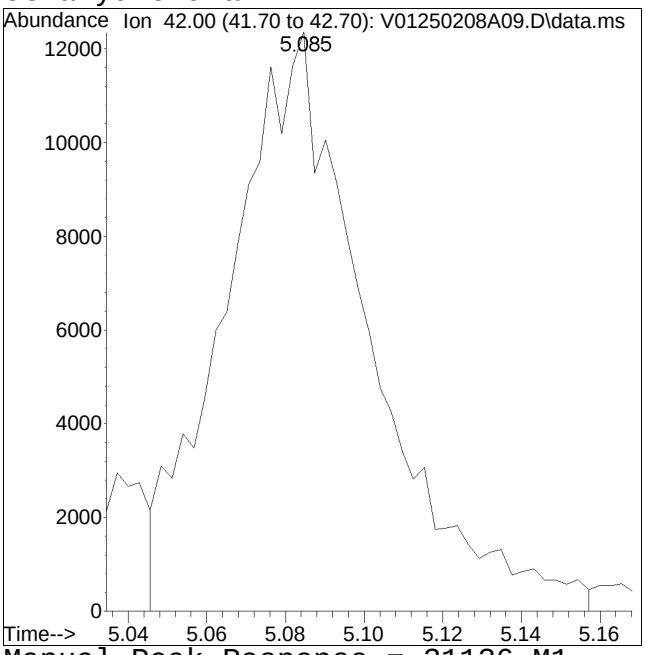


Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A09.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 4:07 am Instrument : VOA 101
Sample : I8260STD10PPB Quant Date : 2/11/2025 7:40 am

Compound #35: Tetrahydrofuran





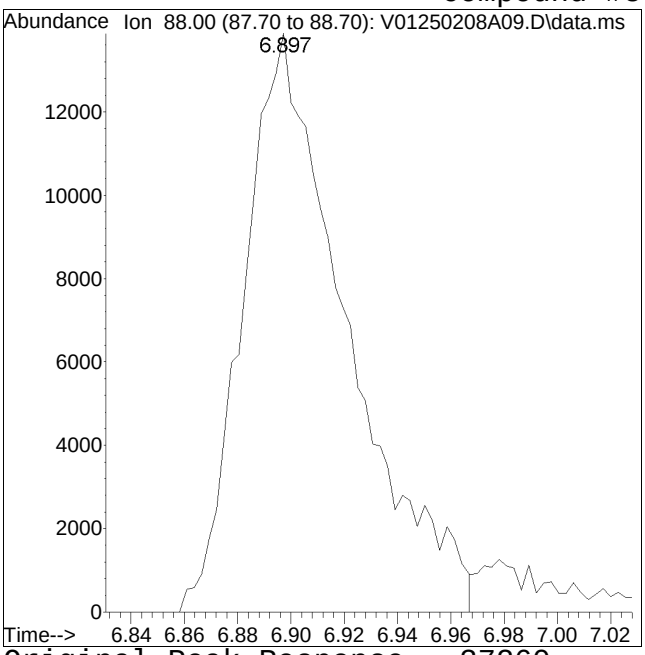
Original Peak Response = 29181 Manual Peak Response = 31136 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

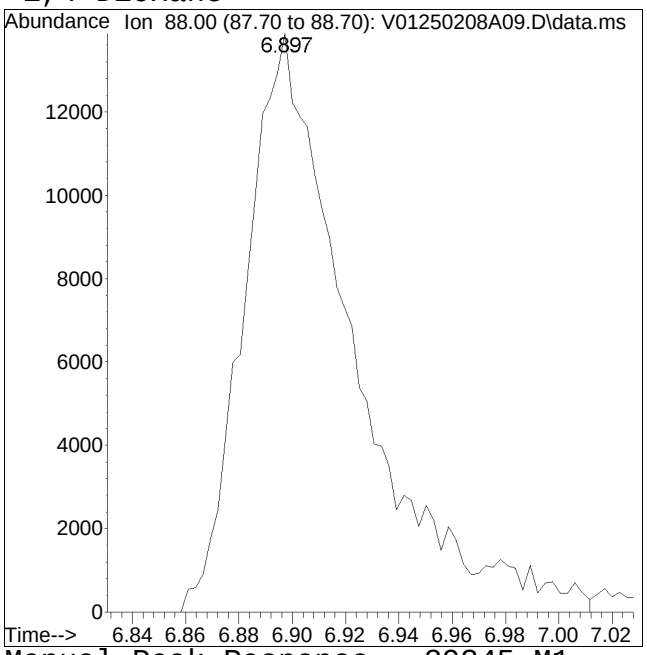
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A09.D
Date Inj'd : 2/8/2025 4:07 am
Sample : I8260STD10PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #57: 1,4-Dioxane



Original Peak Response = 37260



Manual Peak Response = 39345 M1

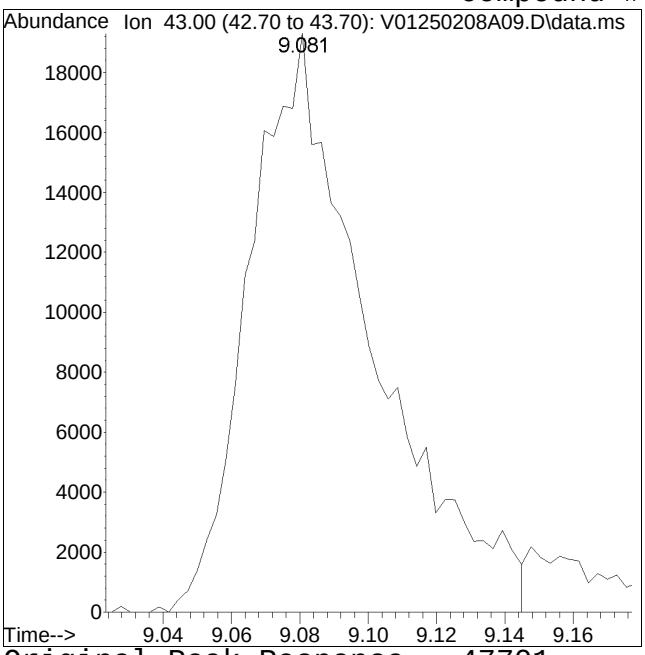
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

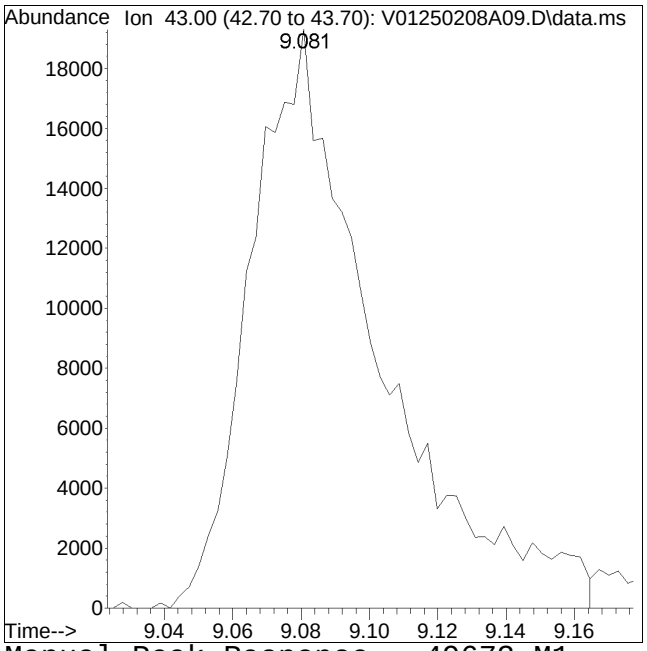
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A09.D
Date Inj'd : 2/8/2025 4:07 am
Sample : I8260STD10PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:40 am

Compound #72: 2-Hexanone



Original Peak Response = 47701



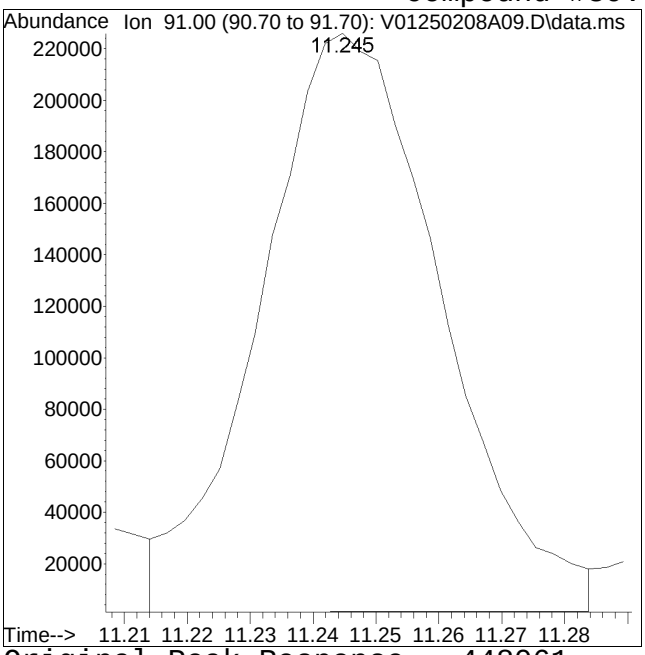
Manual Peak Response = 49673 M1

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

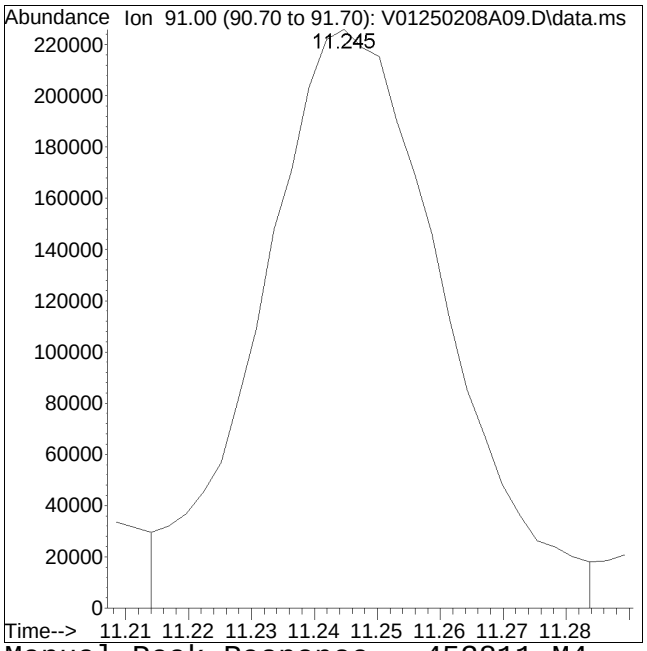
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A09.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 4:07 am Instrument : VOA 101
Sample : I8260STD10PPB Quant Date : 2/11/2025 7:40 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 448061



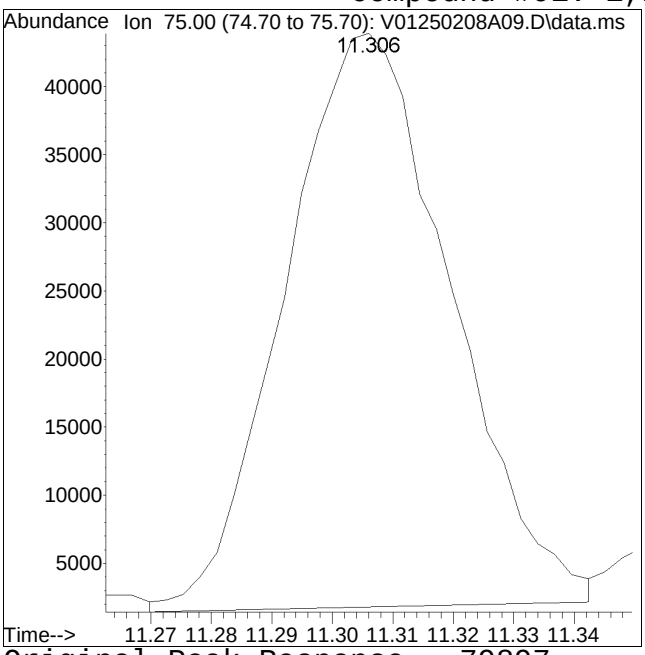
Manual Peak Response = 453811 M4

M4 = Poor automated baseline construction.

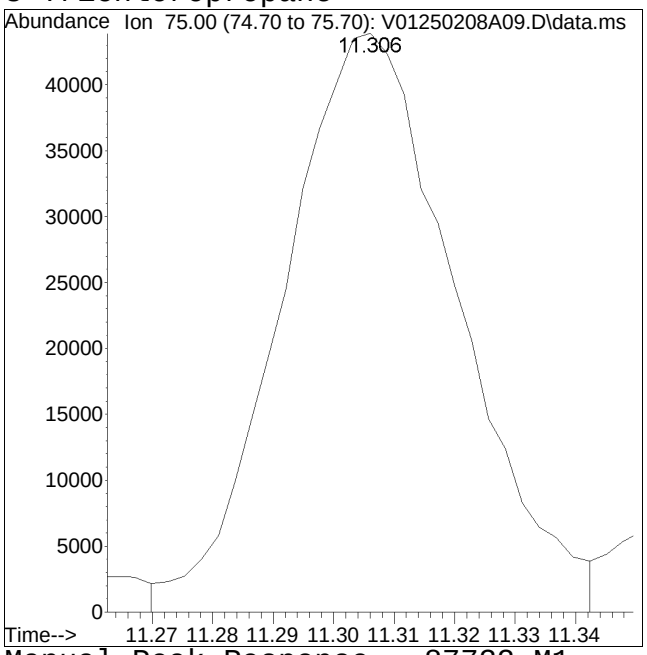
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A09.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 4:07 am Instrument : VOA 101
Sample : I8260STD10PPB Quant Date : 2/11/2025 7:40 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 79897



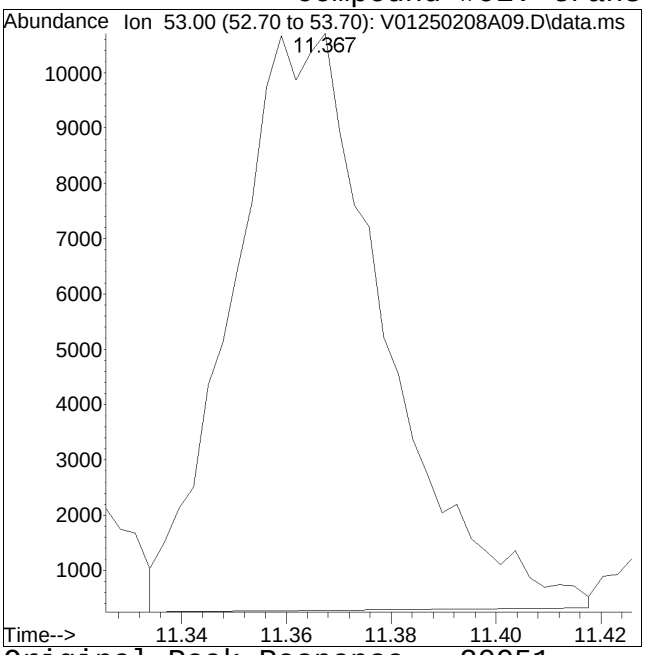
Manual Peak Response = 87732 M1

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

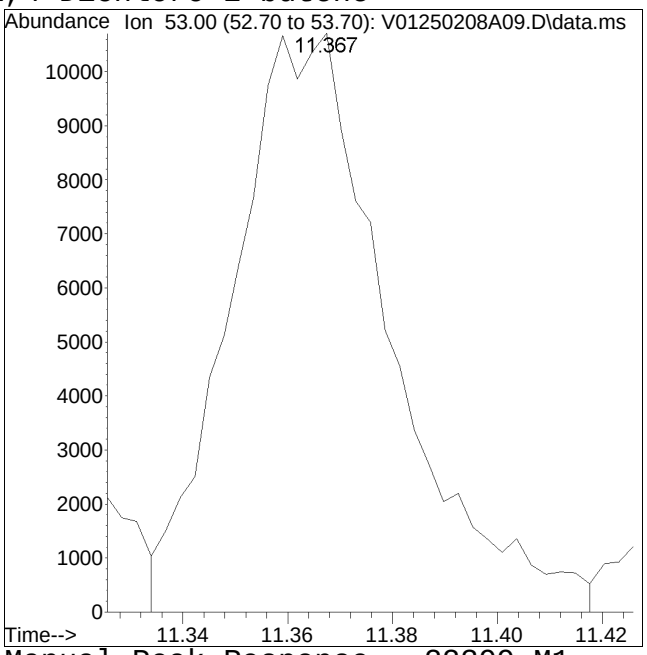
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A09.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 4:07 am Instrument : VOA 101
Sample : I8260STD10PPB Quant Date : 2/11/2025 7:40 am

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 20951



Manual Peak Response = 22399 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A10.D
Acq On : 8 Feb 2025 4:33 am
Operator : VOA101:PID
Sample : I8260STD30PPB
Misc : WG2028963,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 11 07:40:58 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.893	96	582695	10.000	ug/L	0.00
Standard Area 1 = 578930			Recovery = 100.65%			
59) Chlorobenzene-d5	9.410	117	437142	10.000	ug/L	0.00
Standard Area 1 = 424320			Recovery = 103.02%			
79) 1,4-Dichlorobenzene-d4	12.143	152	237049	10.000	ug/L	0.00
Standard Area 1 = 231124			Recovery = 102.56%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.099	113	151849	10.250	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.50%			
43) 1,2-Dichloroethane-d4	5.612	65	172771	10.168	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.68%			
60) Toluene-d8	7.575	98	582286	10.026	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.26%			
83) 4-Bromofluorobenzene	10.921	95	230114	9.915	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.15%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.618	85	525679	33.910	ug/L	100
3) Chloromethane	1.805	50	863112	30.088	ug/L	98
4) Vinyl chloride	1.872	62	587185	32.515	ug/L	99
5) Bromomethane	2.173	94	123247	29.295	ug/L	100
6) Chloroethane	2.282	64	273375	31.762	ug/L	96
7) Trichlorofluoromethane	2.419	101	628253	33.370	ug/L	99
8) Ethyl ether	2.706	74	148240	30.891	ug/L #	67
10) 1,1-Dichloroethene	2.890	96	404988	31.940	ug/L	84
11) Carbon disulfide	2.921	76	1309025	31.169	ug/L	99
12) Freon-113	2.929	101	434581	33.649	ug/L #	74
13) Iodomethane	3.024	142	259832	27.401	ug/L	99
14) Acrolein	3.208	56	61118	32.754	ug/L	99
15) Methylene chloride	3.431	84	451292	29.828	ug/L	77
17) Acetone	3.473	43	83709	20.589	ug/L	99
18) trans-1,2-Dichloroethene	3.582	96	450750	31.835	ug/L	89
19) Methyl acetate	3.590	43	240242	32.803	ug/L #	88
20) Methyl tert-butyl ether	3.679	73	948364	31.994	ug/L #	90
21) tert-Butyl alcohol	3.774	59	117952	157.513	ug/L #	86
22) Diisopropyl ether	4.028	45	1913489	32.160	ug/L	91
23) 1,1-Dichloroethane	4.150	63	971804	31.918	ug/L	97
24) Halothane	4.203	117	332732	32.234	ug/L	99

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A10.D
Acq On : 8 Feb 2025 4:33 am
Operator : VOA101:PID
Sample : I8260STD30PPB
Misc : WG2028963,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 11 07:40:58 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.192	53	121676	34.684	ug/L	#	89
26) Ethyl tert-butyl ether	4.368	59	1395347	32.234	ug/L		94
27) Vinyl acetate	4.379	43	1026522	34.160	ug/L		95
28) cis-1,2-Dichloroethene	4.661	96	490003	31.605	ug/L		88
29) 2,2-Dichloropropane	4.758	77	618055	33.053	ug/L		90
30) Bromochloromethane	4.853	128	188014	30.763	ug/L	#	73
31) Cyclohexane	4.853	56	1111402	34.706	ug/L		83
32) Chloroform	4.920	83	793208	31.501	ug/L		98
33) Ethyl acetate	5.029	43	343466	35.240	ug/L	#	93
34) Carbon tetrachloride	5.051	117	626565	34.120	ug/L		97
35) Tetrahydrofuran	5.076	42	101157M1	33.437	ug/L		
37) 1,1,1-Trichloroethane	5.118	97	712899	33.013	ug/L		97
39) 2-Butanone	5.210	43	133278	31.852	ug/L	#	74
40) 1,1-Dichloropropene	5.238	75	632327	33.554	ug/L		100
41) Benzene	5.481	78	1775982	32.209	ug/L		93
42) tert-Amyl methyl ether	5.589	73	959975	32.379	ug/L	#	85
44) 1,2-Dichloroethane	5.679	62	571502	31.366	ug/L		99
47) Methyl cyclohexane	6.061	83	844045	34.107	ug/L	#	79
48) Trichloroethene	6.075	95	484313	31.797	ug/L		97
50) Dibromomethane	6.510	93	222894	31.790	ug/L		97
51) 1,2-Dichloropropane	6.604	63	528496	31.405	ug/L		97
54) Bromodichloromethane	6.685	83	592184	31.694	ug/L		98
57) 1,4-Dioxane	6.897	88	49758	664.570	ug/L	#	75
58) cis-1,3-Dichloropropene	7.366	75	636749	33.106	ug/L		95
61) Toluene	7.628	92	1090877	31.235	ug/L		99
62) 4-Methyl-2-pentanone	8.063	58	110153	32.607	ug/L	#	91
63) Tetrachloroethene	8.080	166	457452	32.045	ug/L		97
65) trans-1,3-Dichloropropene	8.116	75	518390	33.313	ug/L		95
67) Ethyl methacrylate	8.300	69	390394	35.981	ug/L		96
68) 1,1,2-Trichloroethane	8.294	83	275650	31.518	ug/L		99
69) Chlorodibromomethane	8.506	129	388480	32.160	ug/L		98
70) 1,3-Dichloropropane	8.615	76	581180	32.451	ug/L		99
71) 1,2-Dibromoethane	8.782	107	309133	32.578	ug/L		99
72) 2-Hexanone	9.070	43	189601	32.179	ug/L		98
73) Chlorobenzene	9.429	112	1215638	31.363	ug/L		99
74) Ethylbenzene	9.468	91	2162496	32.067	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.516	131	426296	31.385	ug/L		99
76) p/m Xylene	9.652	106	1677367	65.186	ug/L		97
77) o Xylene	10.199	106	1609430	64.776	ug/L		97
78) Styrene	10.266	104	2521949	66.214	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A10.D
Acq On : 8 Feb 2025 4:33 am
Operator : VOA101:PID
Sample : I8260STD30PPB
Misc : WG2028963,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 11 07:40:58 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	10.294	173	210336	31.881	ug/L		99
82) Isopropylbenzene	10.589	105	2090485	31.994	ug/L		99
84) Bromobenzene	11.033	156	456816	30.993	ug/L		99
85) n-Propylbenzene	11.075	91	2461017	31.940	ug/L		100
86) 1,4-Dichlorobutane	11.091	55	626604	31.285	ug/L		97
87) 1,1,2,2-Tetrachloroethane	11.169	83	368528	31.210	ug/L		99
88) 4-Ethyltoluene	11.203	105	2018888	31.863	ug/L		100
89) 2-Chlorotoluene	11.245	91	1441420M1	30.915	ug/L		
90) 1,3,5-Trimethylbenzene	11.303	105	1650718	31.480	ug/L		100
91) 1,2,3-Trichloropropane	11.306	75	286220M1	31.256	ug/L		
92) trans-1,4-Dichloro-2-b...	11.359	53	76970	33.649	ug/L	#	70
93) 4-Chlorotoluene	11.429	91	1457111	31.444	ug/L		97
94) tert-Butylbenzene	11.644	119	1447415	32.026	ug/L		99
97) 1,2,4-Trimethylbenzene	11.722	105	1586394	31.916	ug/L		100
98) sec-Butylbenzene	11.836	105	2034725	32.208	ug/L		98
99) p-Isopropyltoluene	11.992	119	1739828	32.367	ug/L		97
100) 1,3-Dichlorobenzene	12.062	146	834763	31.139	ug/L		98
101) 1,4-Dichlorobenzene	12.157	146	835665	30.405	ug/L		98
102) p-Diethylbenzene	12.369	119	984854	32.346	ug/L		98
103) n-Butylbenzene	12.427	91	1402611	32.407	ug/L		99
104) 1,2-Dichlorobenzene	12.581	146	740692	31.182	ug/L		98
105) 1,2,4,5-Tetramethylben...	13.169	119	1332052	32.854	ug/L		97
106) 1,2-Dibromo-3-chloropr...	13.367	155	42550	34.550	ug/L		100
107) 1,3,5-Trichlorobenzene	13.395	180	460007	31.595	ug/L		98
108) Hexachlorobutadiene	13.975	225	167595	31.507	ug/L		97
109) 1,2,4-Trichlorobenzene	13.997	180	365011	32.469	ug/L		99
110) Naphthalene	14.287	128	696622	33.909	ug/L		100
111) 1,2,3-Trichlorobenzene	14.460	180	274459	31.940	ug/L		99

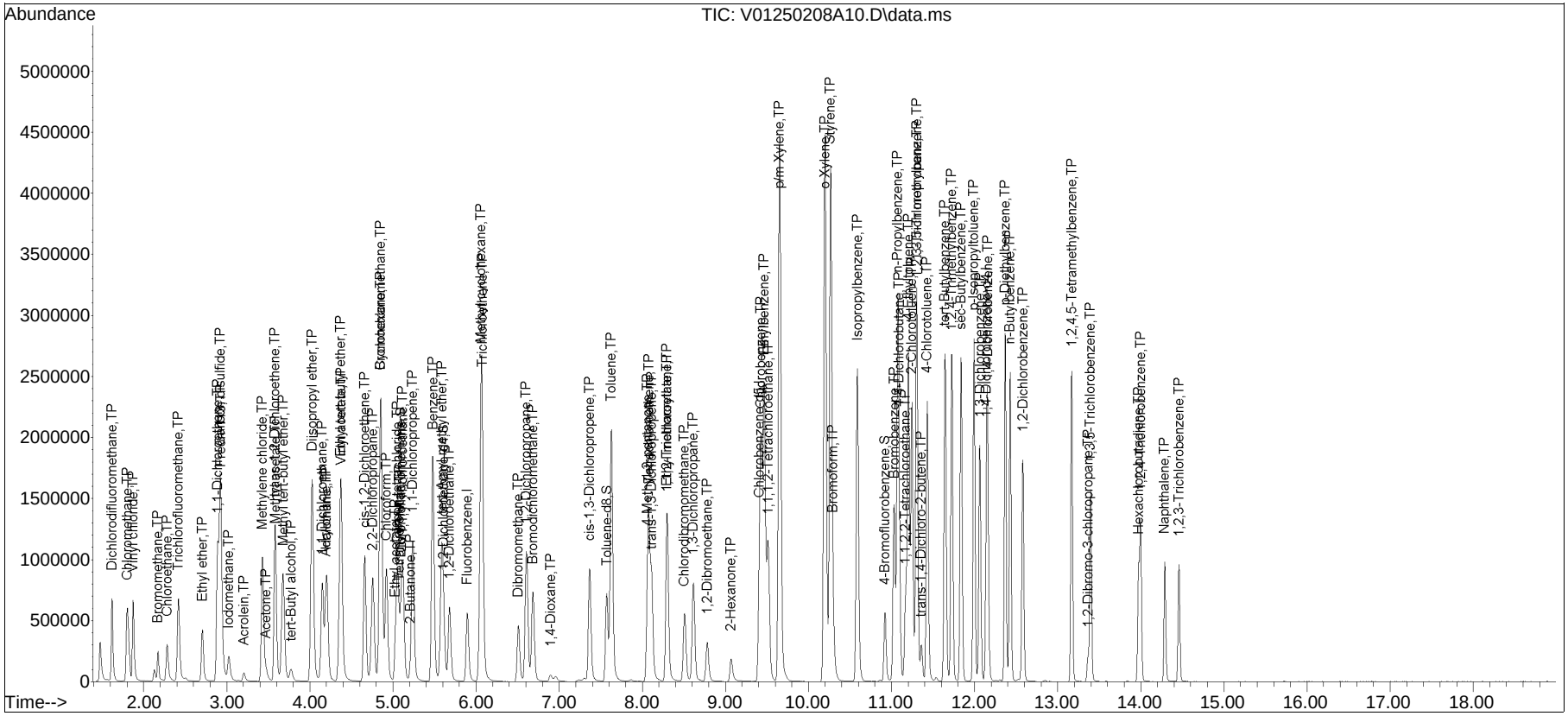
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A10.D
Acq On : 8 Feb 2025 4:33 am
Operator : VOA101:PID
Sample : I8260STD30PPB
Misc : WG2028963,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 11 07:40:58 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

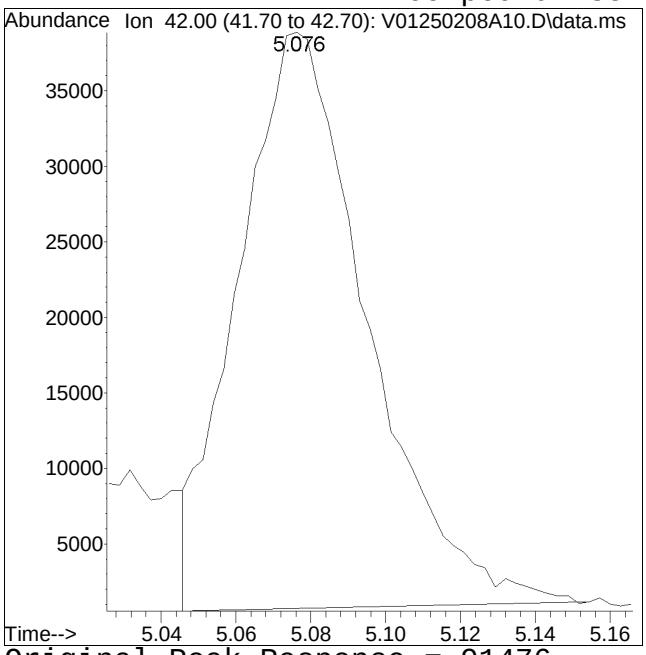
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE208A09.D•

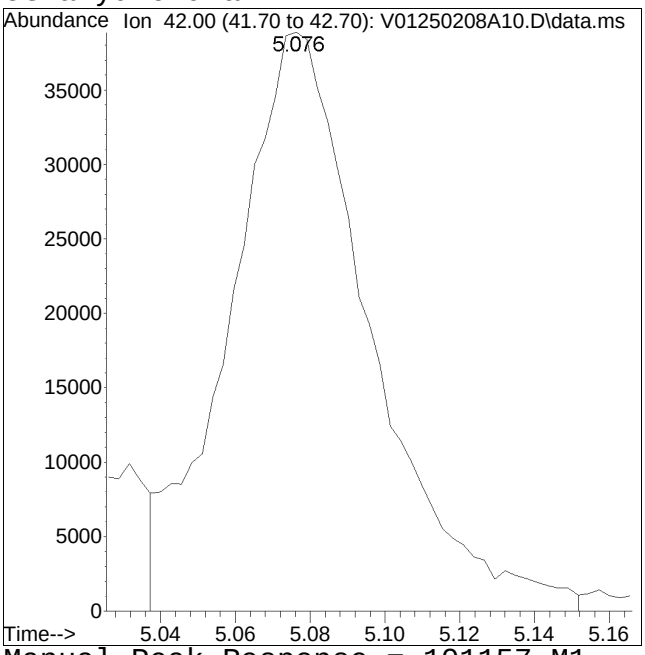


Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A10.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 4:33 am Instrument : VOA 101
Sample : I8260STD30PPB Quant Date : 2/11/2025 7:40 am

Compound #35: Tetrahydrofuran



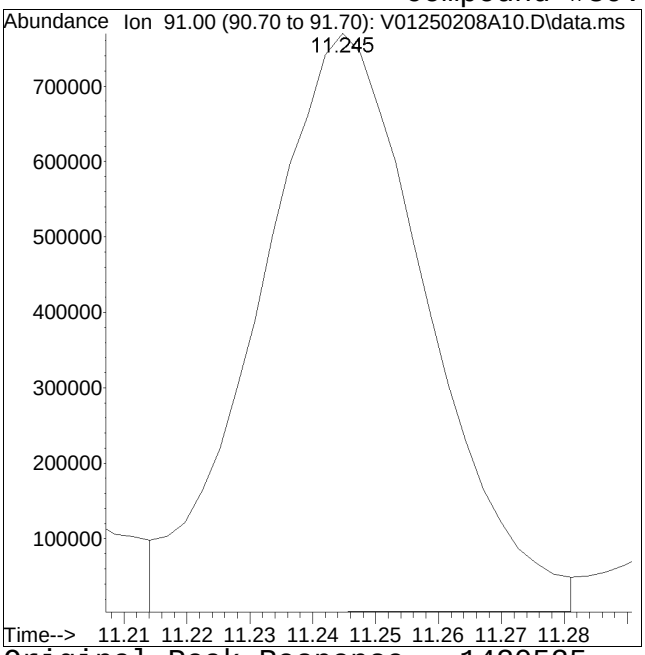


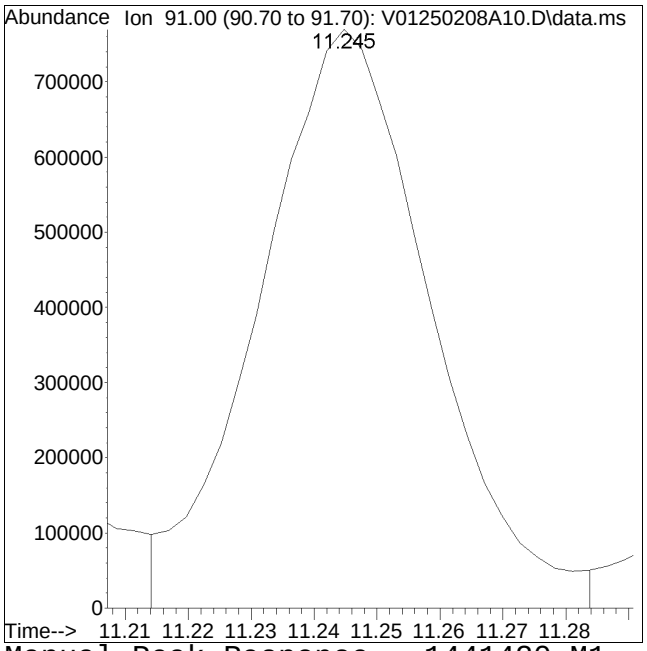
Original Peak Response = 91476 Manual Peak Response = 101157 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A10.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 4:33 am Instrument : VOA 101
Sample : I8260STD30PPB Quant Date : 2/11/2025 7:40 am

Compound #89: 2-Chlorotoluene



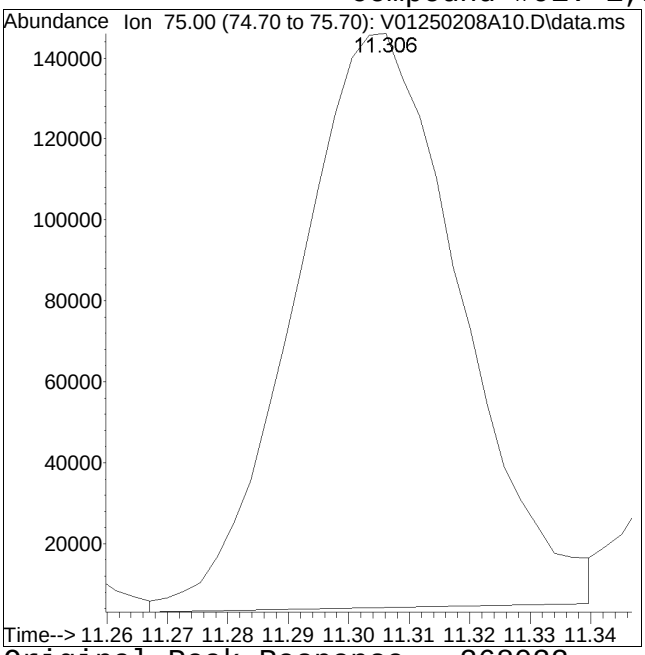


Original Peak Response = 1420525 Manual Peak Response = 1441420 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

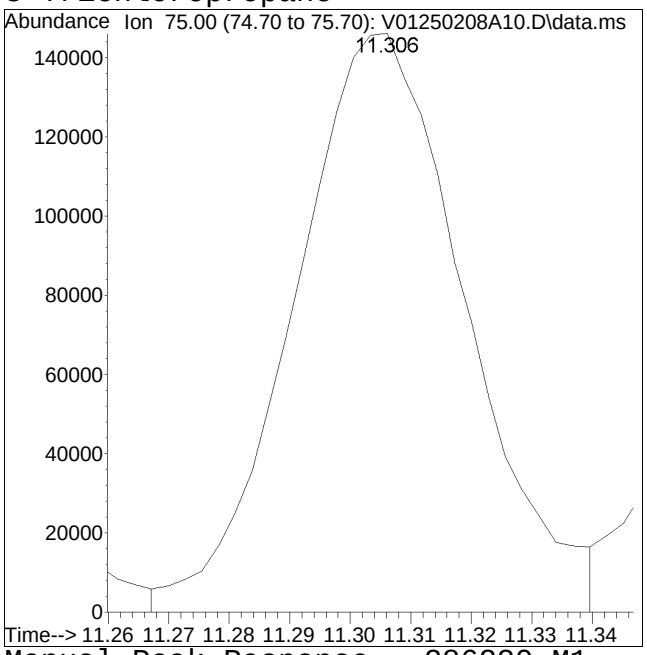
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A10.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 4:33 am Instrument : VOA 101
Sample : I8260STD30PPB Quant Date : 2/11/2025 7:40 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 268032



Manual Peak Response = 286220 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A11.D
Acq On : 8 Feb 2025 4:59 am
Operator : VOA101:PID
Sample : I8260STD80PPB
Misc : WG2028963,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 11 07:41:05 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.896	96	620723	10.000	ug/L	0.00
Standard Area 1 = 578930			Recovery = 107.22%			
59) Chlorobenzene-d5	9.410	117	463022	10.000	ug/L	0.00
Standard Area 1 = 424320			Recovery = 109.12%			
79) 1,4-Dichlorobenzene-d4	12.140	152	246933	10.000	ug/L	0.00
Standard Area 1 = 231124			Recovery = 106.84%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.099	113	157420	9.975	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.75%			
43) 1,2-Dichloroethane-d4	5.614	65	179099	9.895	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.95%			
60) Toluene-d8	7.572	98	610135	9.919	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.19%			
83) 4-Bromofluorobenzene	10.921	95	239682	9.914	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.618	85	1395582	84.509	ug/L	100
3) Chloromethane	1.802	50	2450211	80.182	ug/L	97
4) Vinyl chloride	1.872	62	1650014	85.772	ug/L	99
5) Bromomethane	2.173	94	420471	93.822	ug/L	100
6) Chloroethane	2.282	64	740452	80.758	ug/L	96
7) Trichlorofluoromethane	2.419	101	1672996	83.417	ug/L	99
8) Ethyl ether	2.706	74	409022	80.012	ug/L #	69
10) 1,1-Dichloroethene	2.893	96	1126347	83.389	ug/L	85
11) Carbon disulfide	2.921	76	3706618	82.850	ug/L	99
12) Freon-113	2.926	101	1177369	85.577	ug/L #	68
13) Iodomethane	3.027	142	942863	93.339	ug/L	99
14) Acrolein	3.199	56	172109	86.585	ug/L	98
15) Methylene chloride	3.428	84	1236601	76.725	ug/L	78
17) Acetone	3.473	43	212781	49.129	ug/L	99
18) trans-1,2-Dichloroethene	3.582	96	1247699	82.722	ug/L	87
19) Methyl acetate	3.584	43	647104	82.944	ug/L #	88
20) Methyl tert-butyl ether	3.676	73	2628448	83.240	ug/L	91
21) tert-Butyl alcohol	3.771	59	330917	414.834	ug/L #	84
22) Diisopropyl ether	4.025	45	5270266	83.150	ug/L	90
23) 1,1-Dichloroethane	4.148	63	2657564	81.937	ug/L	97
24) Halothane	4.203	117	908751	82.642	ug/L	99

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A11.D
Acq On : 8 Feb 2025 4:59 am
Operator : VOA101:PID
Sample : I8260STD80PPB
Misc : WG2028963,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 11 07:41:05 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.192	53	325951	87.220	ug/L		91
26) Ethyl tert-butyl ether	4.368	59	3885600	84.261	ug/L		94
27) Vinyl acetate	4.376	43	2822057	88.157	ug/L		96
28) cis-1,2-Dichloroethene	4.658	96	1344077	81.383	ug/L		88
29) 2,2-Dichloropropane	4.756	77	1677765	84.229	ug/L		92
30) Bromochloromethane	4.848	128	502014	77.107	ug/L	#	76
31) Cyclohexane	4.850	56	2981539	87.402	ug/L		83
32) Chloroform	4.920	83	2205027	82.205	ug/L		99
33) Ethyl acetate	5.026	43	937904	90.335	ug/L	#	94
34) Carbon tetrachloride	5.051	117	1719577	87.904	ug/L		97
35) Tetrahydrofuran	5.071	42	265099M4	82.259	ug/L		
37) 1,1,1-Trichloroethane	5.118	97	1936349	84.174	ug/L		98
39) 2-Butanone	5.205	43	378617	84.941	ug/L	#	50
40) 1,1-Dichloropropene	5.238	75	1722216	85.790	ug/L		100
41) Benzene	5.478	78	4913493	83.652	ug/L		93
42) tert-Amyl methyl ether	5.587	73	2697895	85.424	ug/L	#	88
44) 1,2-Dichloroethane	5.681	62	1543132	79.505	ug/L		99
47) Methyl cyclohexane	6.058	83	2306817	87.505	ug/L	#	79
48) Trichloroethene	6.072	95	1322967	81.536	ug/L		98
50) Dibromomethane	6.510	93	610115	81.686	ug/L		98
51) 1,2-Dichloropropane	6.604	63	1480469	82.584	ug/L		96
54) Bromodichloromethane	6.683	83	1652929	83.047	ug/L		99
57) 1,4-Dioxane	6.897	88	67190	842.415	ug/L	#	84
58) cis-1,3-Dichloropropene	7.366	75	1824482	89.047	ug/L		96
61) Toluene	7.628	92	3045713	82.335	ug/L		98
62) 4-Methyl-2-pentanone	8.057	58	309312	86.444	ug/L		94
63) Tetrachloroethene	8.077	166	1258072	83.203	ug/L		97
65) trans-1,3-Dichloropropene	8.113	75	1469163	89.135	ug/L		95
67) Ethyl methacrylate	8.300	69	1115441	97.060	ug/L		94
68) 1,1,2-Trichloroethane	8.294	83	750819	81.050	ug/L		98
69) Chlorodibromomethane	8.509	129	1091381	85.298	ug/L		98
70) 1,3-Dichloropropane	8.618	76	1577074	83.136	ug/L		99
71) 1,2-Dibromoethane	8.782	107	852350	84.804	ug/L		99
72) 2-Hexanone	9.064	43	550249	88.167	ug/L		99
73) Chlorobenzene	9.429	112	3374306	82.190	ug/L		99
74) Ethylbenzene	9.466	91	6009730	84.135	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.516	131	1194372	83.018	ug/L		99
76) p/m Xylene	9.655	106	4649697	170.597	ug/L		97
77) o Xylene	10.202	106	4451105	169.134	ug/L		98
78) Styrene	10.269	104	7097515	175.930	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A11.D
Acq On : 8 Feb 2025 4:59 am
Operator : VOA101:PID
Sample : I8260STD80PPB
Misc : WG2028963,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 11 07:41:05 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.297	173	585647	85.215	ug/L	100
82) Isopropylbenzene	10.589	105	5814478	85.427	ug/L	99
84) Bromobenzene	11.030	156	1271243	82.797	ug/L	99
85) n-Propylbenzene	11.077	91	6894999	85.904	ug/L	99
86) 1,4-Dichlorobutane	11.091	55	1702597	81.605	ug/L	96
87) 1,1,2,2-Tetrachloroethane	11.167	83	983284	79.940	ug/L	99
88) 4-Ethyltoluene	11.203	105	5672489	85.941	ug/L	99
89) 2-Chlorotoluene	11.248	91	4021649M1	82.802	ug/L	
90) 1,3,5-Trimethylbenzene	11.303	105	4644891	85.034	ug/L	100
91) 1,2,3-Trichloropropane	11.303	75	769324M4	80.649	ug/L	
92) trans-1,4-Dichloro-2-b...	11.359	53	229764M1	96.424	ug/L	
93) 4-Chlorotoluene	11.432	91	4094124	84.812	ug/L	97
94) tert-Butylbenzene	11.643	119	4067048	86.387	ug/L	98
97) 1,2,4-Trimethylbenzene	11.724	105	4488328	86.685	ug/L	100
98) sec-Butylbenzene	11.839	105	5757035	87.482	ug/L	97
99) p-Isopropyltoluene	11.992	119	4959138	88.566	ug/L	97
100) 1,3-Dichlorobenzene	12.062	146	2344847	83.968	ug/L	98
101) 1,4-Dichlorobenzene	12.157	146	2354527	82.239	ug/L	98
102) p-Diethylbenzene	12.369	119	2813943	88.719	ug/L	97
103) n-Butylbenzene	12.427	91	3982992	88.343	ug/L	99
104) 1,2-Dichlorobenzene	12.578	146	2055141	83.056	ug/L	97
105) 1,2,4,5-Tetramethylben...	13.169	119	3804297	90.073	ug/L	97
106) 1,2-Dibromo-3-chloropr...	13.364	155	115459	89.999	ug/L	99
107) 1,3,5-Trichlorobenzene	13.398	180	1300944	85.778	ug/L	97
108) Hexachlorobutadiene	13.969	225	472993	85.361	ug/L	98
109) 1,2,4-Trichlorobenzene	13.994	180	1035301	88.407	ug/L	99
110) Naphthalene	14.287	128	1924098	89.909	ug/L	100
111) 1,2,3-Trichlorobenzene	14.457	180	759583	84.858	ug/L	99

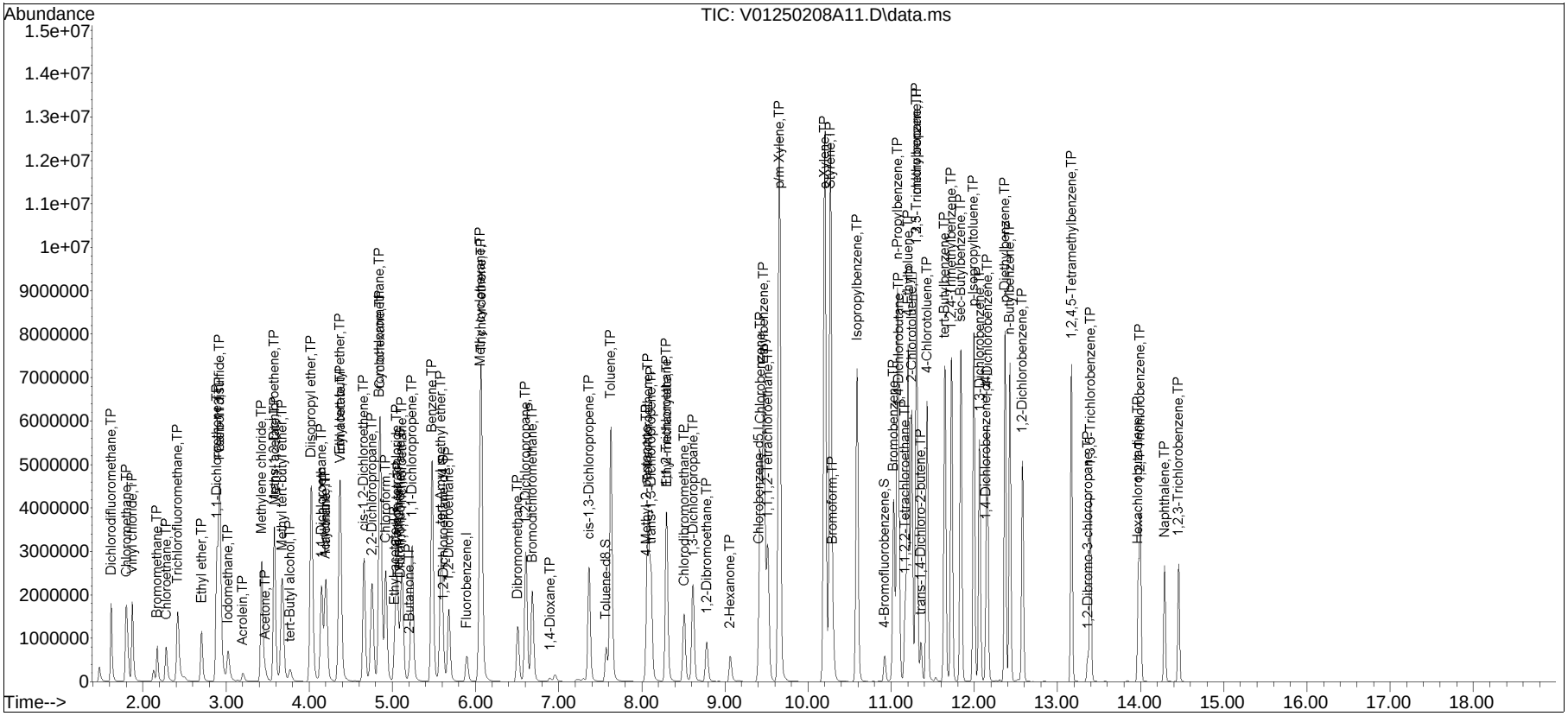
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A11.D
Acq On : 8 Feb 2025 4:59 am
Operator : VOA101:PID
Sample : I8260STD80PPB
Misc : WG2028963,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 11 07:41:05 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE208A09.D•

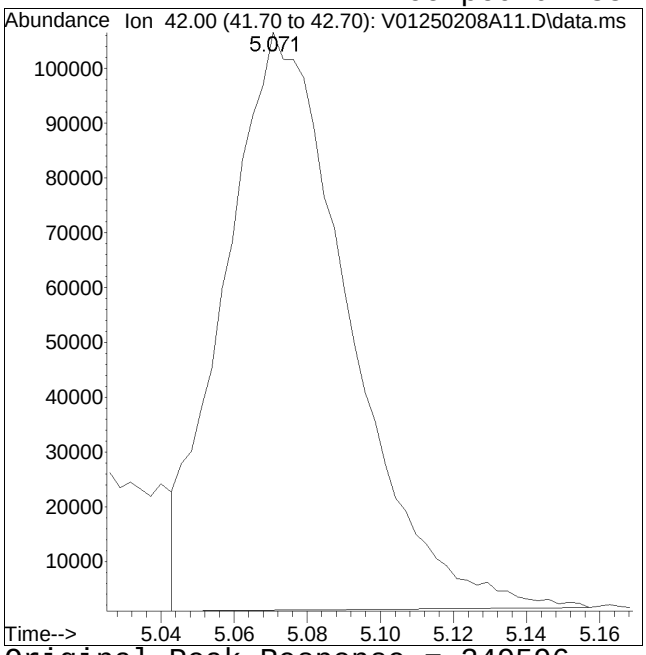


Manual Integration Report

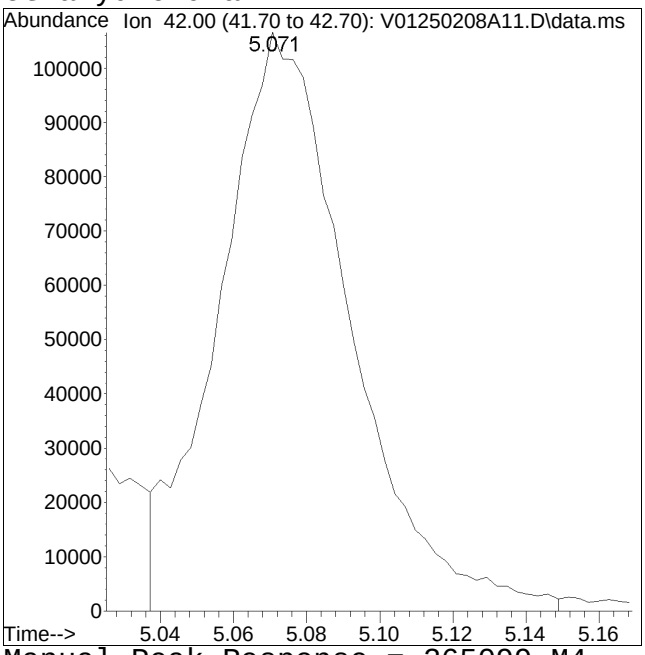
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A11.D
Date Inj'd : 2/8/2025 4:59 am
Sample : I8260STD80PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:41 am

Compound #35: Tetrahydrofuran



Original Peak Response = 249596



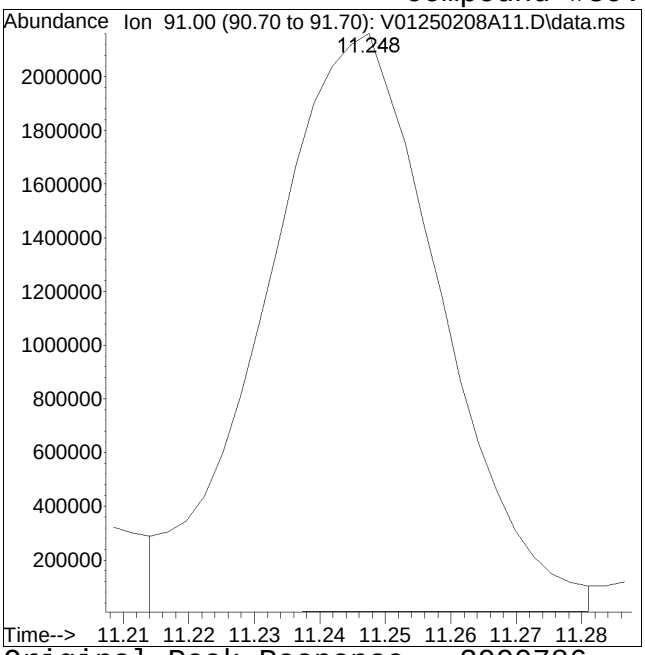
Manual Peak Response = 265099 M4

M4 = Poor automated baseline construction.

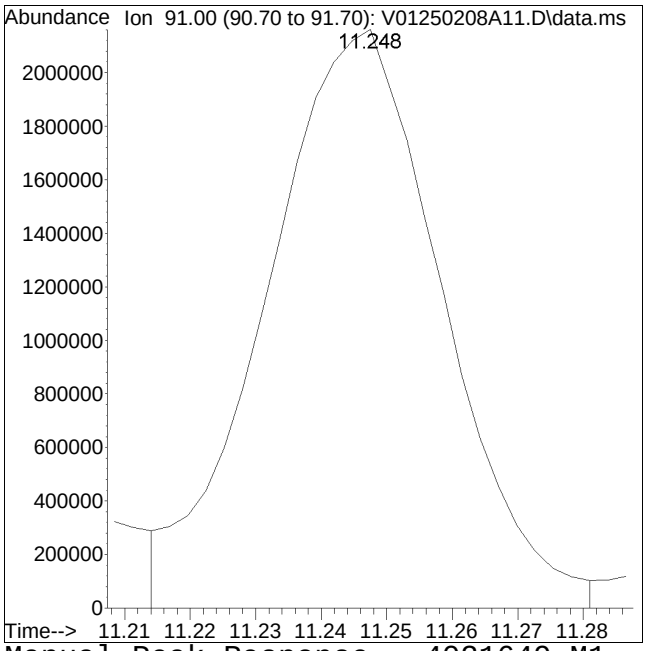
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A11.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 4:59 am Instrument : VOA 101
Sample : I8260STD80PPB Quant Date : 2/11/2025 7:41 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 3990786



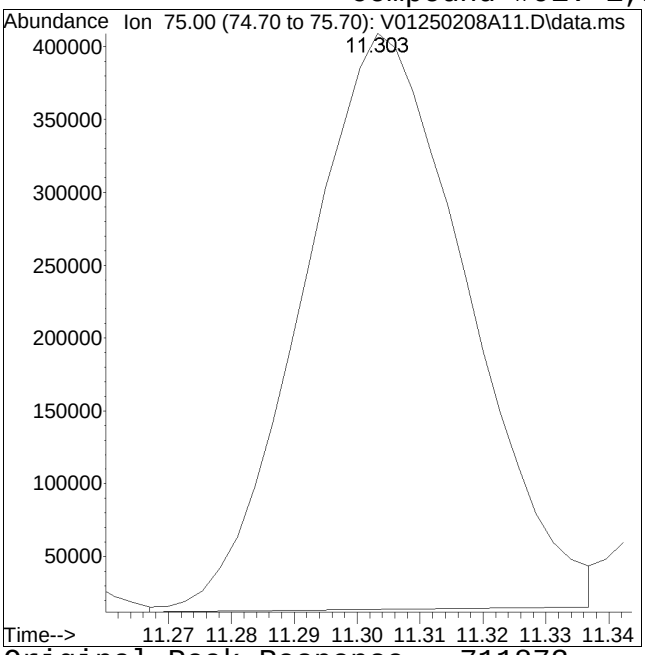
Manual Peak Response = 4021649 M1

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

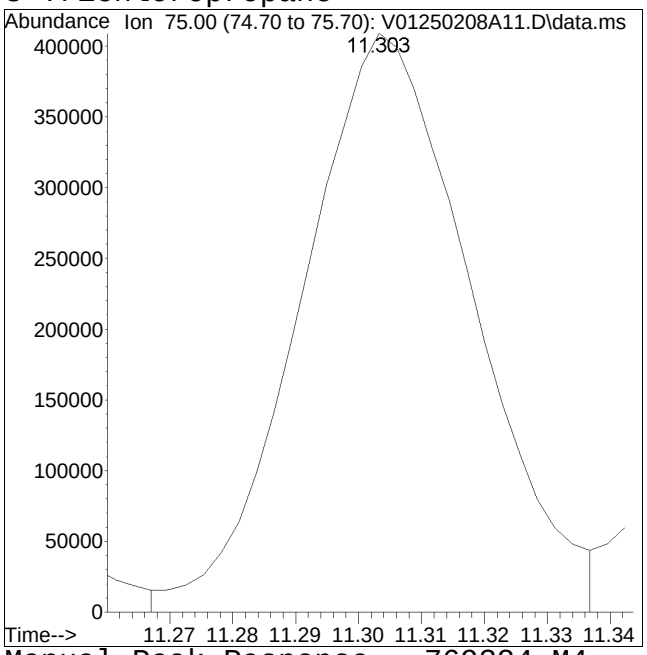
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A11.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 4:59 am Instrument : VOA 101
Sample : I8260STD80PPB Quant Date : 2/11/2025 7:41 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 711873



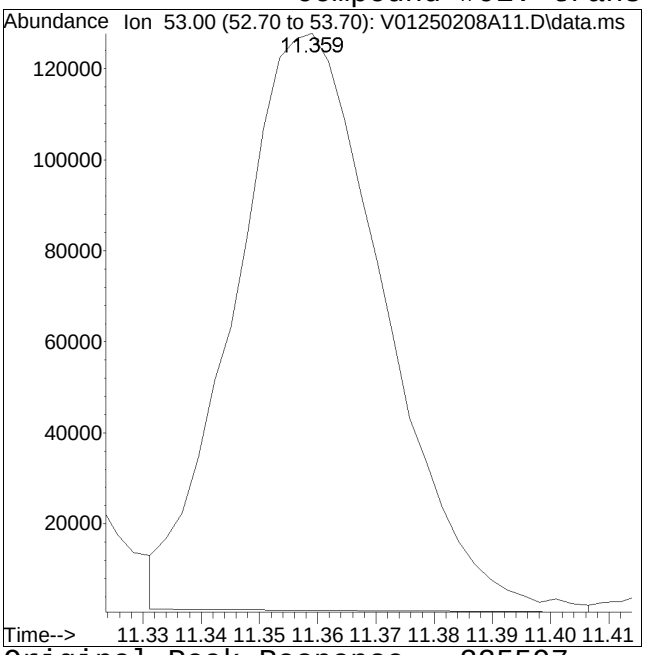
Manual Peak Response = 769324 M4

M4 = Poor automated baseline construction.

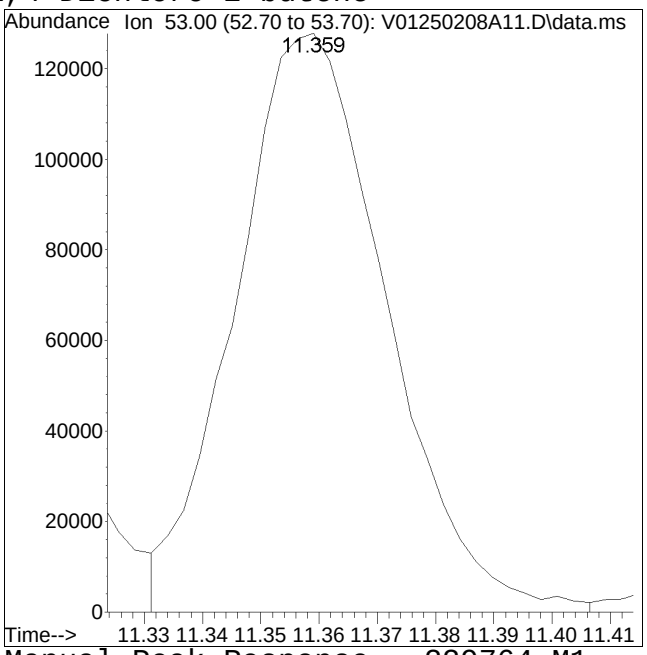
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A11.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 4:59 am Instrument : VOA 101
Sample : I8260STD80PPB Quant Date : 2/11/2025 7:41 am

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 225597



Manual Peak Response = 229764 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A12.D
Acq On : 8 Feb 2025 5:25 am
Operator : VOA101:PID
Sample : I8260STD120PPB
Misc : WG2028963,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 11 07:41:12 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.899	96	651251	10.000	ug/L	0.00
Standard Area 1 = 578930			Recovery = 112.49%			
59) Chlorobenzene-d5	9.412	117	481940	10.000	ug/L	0.00
Standard Area 1 = 424320			Recovery = 113.58%			
79) 1,4-Dichlorobenzene-d4	12.140	152	256221	10.000	ug/L	0.00
Standard Area 1 = 231124			Recovery = 110.86%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.098	113	166180	10.037	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.37%			
43) 1,2-Dichloroethane-d4	5.612	65	188449	9.923	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.23%			
60) Toluene-d8	7.572	98	643414	10.049	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.49%			
83) 4-Bromofluorobenzene	10.921	95	249267	9.937	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.37%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.618	85	2198992	126.917	ug/L	99
3) Chloromethane	1.802	50	3888939	121.297	ug/L	97
4) Vinyl chloride	1.872	62	2756906	136.593	ug/L	99
5) Bromomethane	2.173	94	718530	152.813	ug/L	99
6) Chloroethane	2.279	64	1160113	120.597	ug/L	97
7) Trichlorofluoromethane	2.419	101	2648818	125.881	ug/L	99
8) Ethyl ether	2.706	74	652371	121.634	ug/L	71
10) 1,1-Dichloroethene	2.893	96	1790277	126.330	ug/L	85
11) Carbon disulfide	2.920	76	5944523	126.644	ug/L	99
12) Freon-113	2.926	101	1861913	128.989	ug/L #	66
13) Iodomethane	3.026	142	1732129	163.435	ug/L	99
14) Acrolein	3.199	56	273870	131.320	ug/L	96
15) Methylene chloride	3.428	84	1953584	115.528	ug/L	80
17) Acetone	3.473	43	375069	82.540	ug/L	95
18) trans-1,2-Dichloroethene	3.579	96	1986544	125.533	ug/L	89
19) Methyl acetate	3.584	43	1021720	124.823	ug/L #	88
20) Methyl tert-butyl ether	3.673	73	4152060	125.327	ug/L	92
21) tert-Butyl alcohol	3.771	59	534948	639.170	ug/L	87
22) Diisopropyl ether	4.025	45	8159701	122.702	ug/L	90
23) 1,1-Dichloroethane	4.147	63	4157066	122.162	ug/L	98
24) Halothane	4.200	117	1445460	125.289	ug/L	100

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A12.D
Acq On : 8 Feb 2025 5:25 am
Operator : VOA101:PID
Sample : I8260STD120PPB
Misc : WG2028963,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 11 07:41:12 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.192	53	511471	130.447	ug/L		93
26) Ethyl tert-butyl ether	4.368	59	6103235	126.148	ug/L		95
27) Vinyl acetate	4.376	43	4374216	130.239	ug/L		96
28) cis-1,2-Dichloroethene	4.658	96	2114870	122.051	ug/L		88
29) 2,2-Dichloropropane	4.755	77	2679782	128.227	ug/L		94
30) Bromochloromethane	4.847	128	769869	112.706	ug/L	#	77
31) Cyclohexane	4.850	56	4693130	131.128	ug/L		83
32) Chloroform	4.920	83	3433683	122.010	ug/L		99
33) Ethyl acetate	5.023	43	1467519	134.720	ug/L	#	93
34) Carbon tetrachloride	5.054	117	2733981	133.208	ug/L		97
35) Tetrahydrofuran	5.073	42	407165M4	120.419	ug/L		
37) 1,1,1-Trichloroethane	5.118	97	3031834	125.618	ug/L		98
39) 2-Butanone	5.204	43	586443	125.399	ug/L	#	45
40) 1,1-Dichloropropene	5.238	75	2723530	129.309	ug/L		99
41) Benzene	5.478	78	7672449	124.501	ug/L		94
42) tert-Amyl methyl ether	5.589	73	4275505	129.030	ug/L	#	90
44) 1,2-Dichloroethane	5.681	62	2376162	116.685	ug/L		99
47) Methyl cyclohexane	6.060	83	3661575	132.385	ug/L	#	80
48) Trichloroethene	6.072	95	2067715	121.462	ug/L		98
50) Dibromomethane	6.507	93	947229	120.876	ug/L		98
51) 1,2-Dichloropropane	6.604	63	2306947	122.655	ug/L		96
54) Bromodichloromethane	6.680	83	2590607	124.057	ug/L		98
57) 1,4-Dioxane	6.900	88	111484	1332.243	ug/L		89
58) cis-1,3-Dichloropropene	7.366	75	2899343	134.874	ug/L		97
61) Toluene	7.630	92	4771666	123.929	ug/L		98
62) 4-Methyl-2-pentanone	8.060	58	495946	133.161	ug/L		96
63) Tetrachloroethene	8.077	166	1986172	126.199	ug/L		97
65) trans-1,3-Dichloropropene	8.110	75	2347678	136.845	ug/L		97
67) Ethyl methacrylate	8.297	69	1768900	147.879	ug/L		94
68) 1,1,2-Trichloroethane	8.297	83	1170878	121.433	ug/L		98
69) Chlorodibromomethane	8.509	129	1721844	129.291	ug/L		98
70) 1,3-Dichloropropane	8.615	76	2455678	124.371	ug/L		100
71) 1,2-Dibromoethane	8.782	107	1334664	127.579	ug/L		100
72) 2-Hexanone	9.064	43	893263	137.510	ug/L		99
73) Chlorobenzene	9.429	112	5280550	123.572	ug/L		99
74) Ethylbenzene	9.468	91	9429412	126.828	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.516	131	1865071	124.548	ug/L		100
76) p/m Xylene	9.655	106	7267256	256.168	ug/L		97
77) o Xylene	10.202	106	6931963	253.063	ug/L		98
78) Styrene	10.269	104	11056094	263.295	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A12.D
Acq On : 8 Feb 2025 5:25 am
Operator : VOA101:PID
Sample : I8260STD120PPB
Misc : WG2028963,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 11 07:41:12 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	10.299	173	915312	128.355	ug/L		100
82) Isopropylbenzene	10.589	105	9144138	129.476	ug/L		99
84) Bromobenzene	11.030	156	1971011	123.720	ug/L		99
85) n-Propylbenzene	11.077	91	10775324	129.382	ug/L		99
86) 1,4-Dichlorobutane	11.094	55	2633342	121.640	ug/L		96
87) 1,1,2,2-Tetrachloroethane	11.169	83	1537246	120.446	ug/L		99
88) 4-Ethyltoluene	11.206	105	8879428	129.651	ug/L		99
89) 2-Chlorotoluene	11.245	91	6210535M1	123.234	ug/L		
90) 1,3,5-Trimethylbenzene	11.303	105	7236930	127.684	ug/L		99
91) 1,2,3-Trichloropropane	11.303	75	1187456M1	119.970	ug/L		
92) trans-1,4-Dichloro-2-b...	11.359	53	368440	149.017	ug/L	#	80
93) 4-Chlorotoluene	11.431	91	6397587	127.726	ug/L		97
94) tert-Butylbenzene	11.646	119	6336620	129.716	ug/L		98
97) 1,2,4-Trimethylbenzene	11.727	105	6999389	130.282	ug/L		99
98) sec-Butylbenzene	11.839	105	9011864	131.977	ug/L		97
99) p-Isopropyltoluene	11.995	119	7732307	133.087	ug/L		97
100) 1,3-Dichlorobenzene	12.062	146	3635939	125.481	ug/L		97
101) 1,4-Dichlorobenzene	12.156	146	3642057	122.598	ug/L		98
102) p-Diethylbenzene	12.371	119	4403670	133.808	ug/L		97
103) n-Butylbenzene	12.427	91	6221460	132.990	ug/L		99
104) 1,2-Dichlorobenzene	12.580	146	3182413	123.951	ug/L		97
105) 1,2,4,5-Tetramethylben...	13.169	119	5950734	135.786	ug/L		97
106) 1,2-Dibromo-3-chloropr...	13.364	155	183697	137.999	ug/L		99
107) 1,3,5-Trichlorobenzene	13.397	180	2013167	127.926	ug/L		98
108) Hexachlorobutadiene	13.975	225	733839	127.635	ug/L		99
109) 1,2,4-Trichlorobenzene	13.997	180	1609483	132.456	ug/L		99
110) Naphthalene	14.287	128	3079172	138.667	ug/L		100
111) 1,2,3-Trichlorobenzene	14.457	180	1193794	128.532	ug/L		99

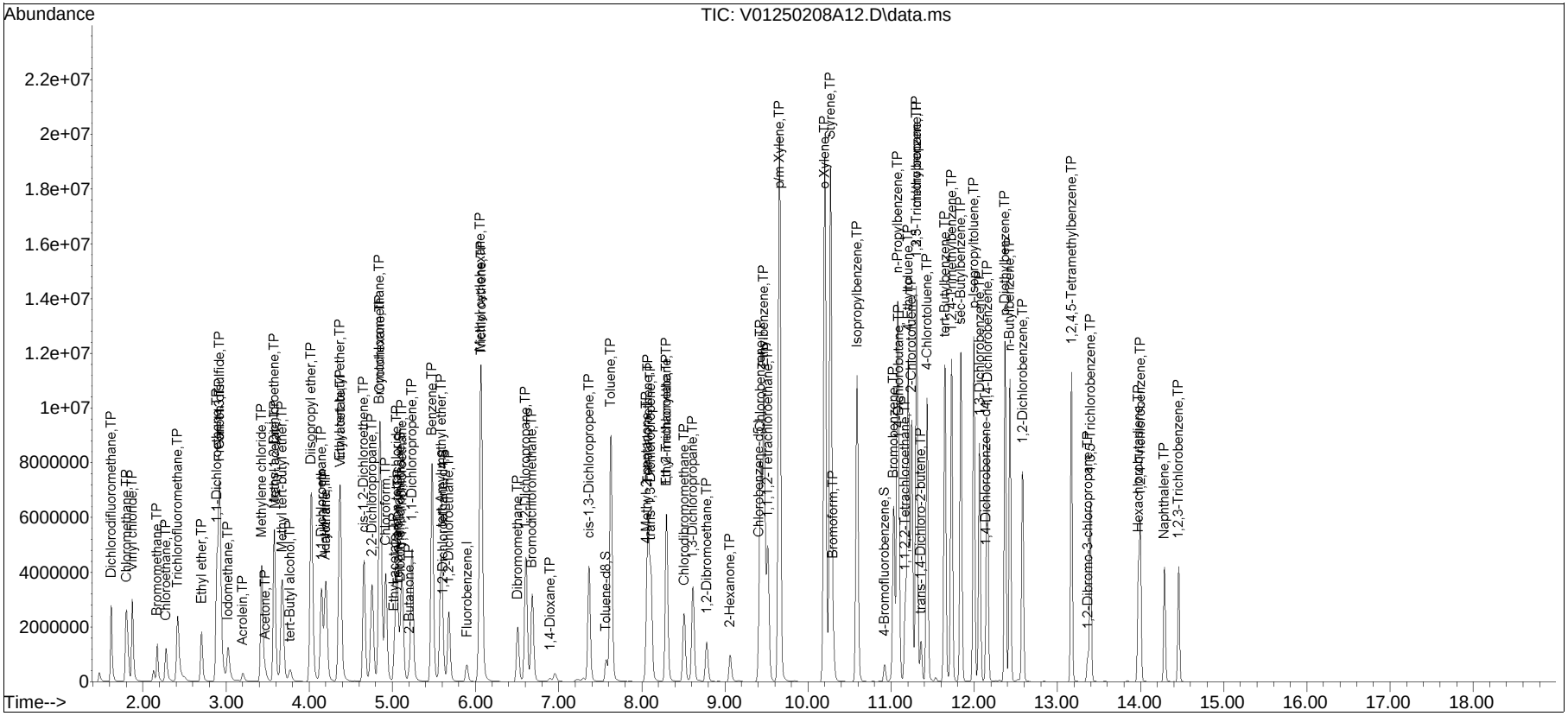
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A12.D
Acq On : 8 Feb 2025 5:25 am
Operator : VOA101:PID
Sample : I8260STD120PPB
Misc : WG2028963,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 11 07:41:12 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE208A09.D•

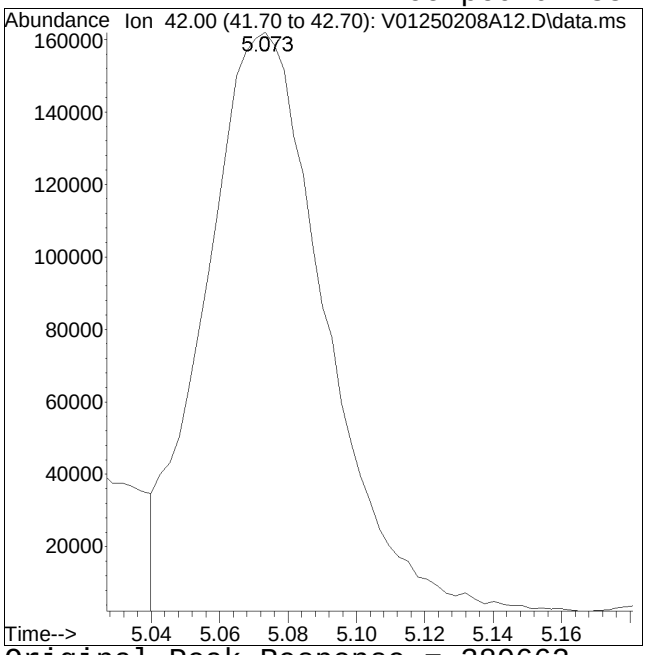


Manual Integration Report

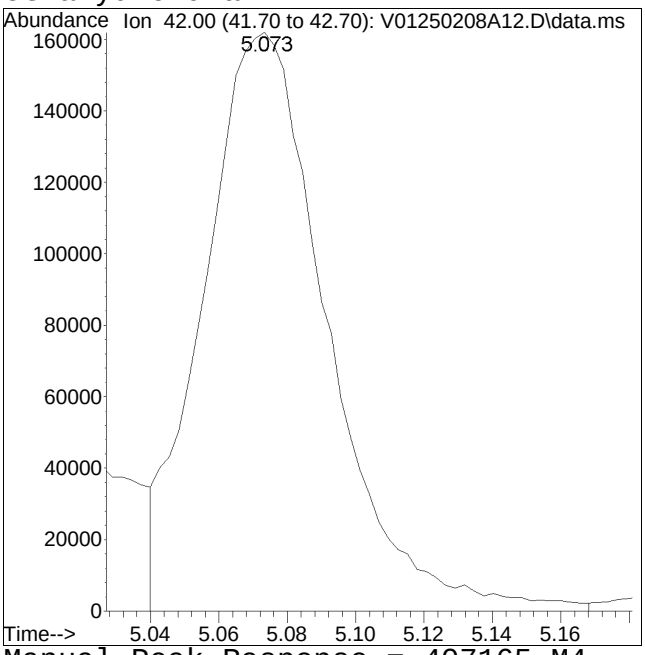
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A12.D
Date Inj'd : 2/8/2025 5:25 am
Sample : I8260STD120PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:41 am

Compound #35: Tetrahydrofuran



Original Peak Response = 389662



Manual Peak Response = 407165 M4

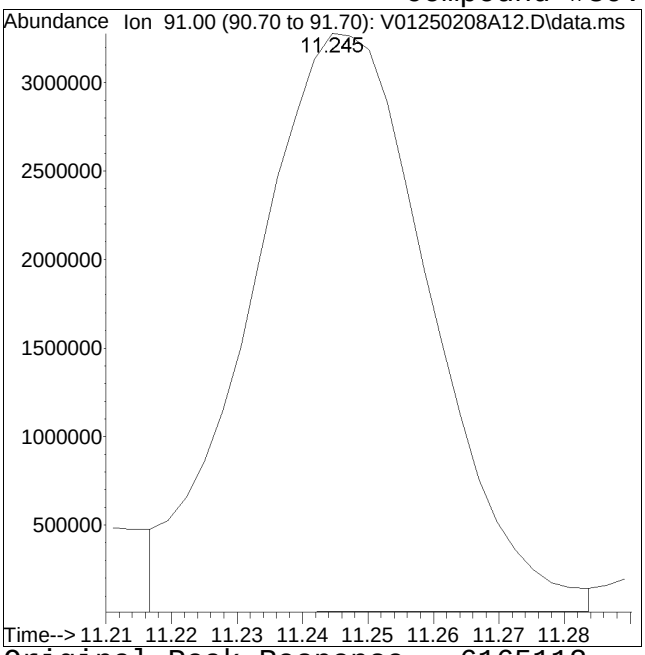
M4 = Poor automated baseline construction.

Manual Integration Report

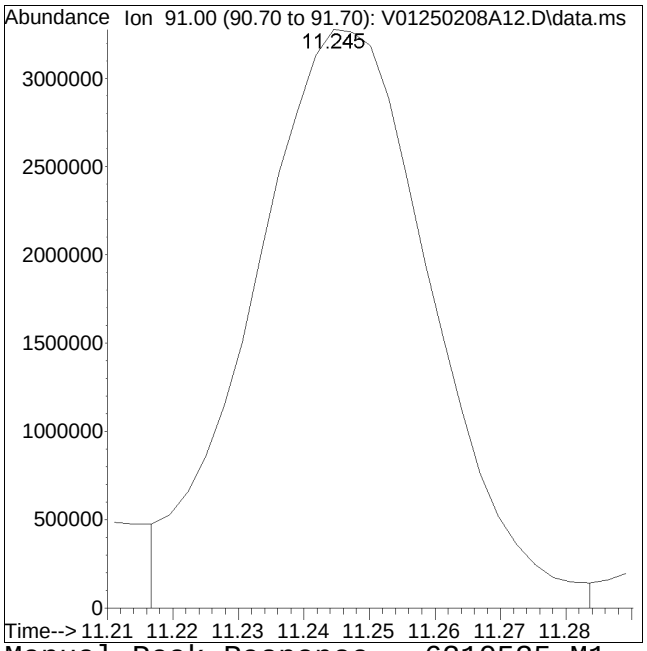
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A12.D
Date Inj'd : 2/8/2025 5:25 am
Sample : I8260STD120PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:41 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 6165112



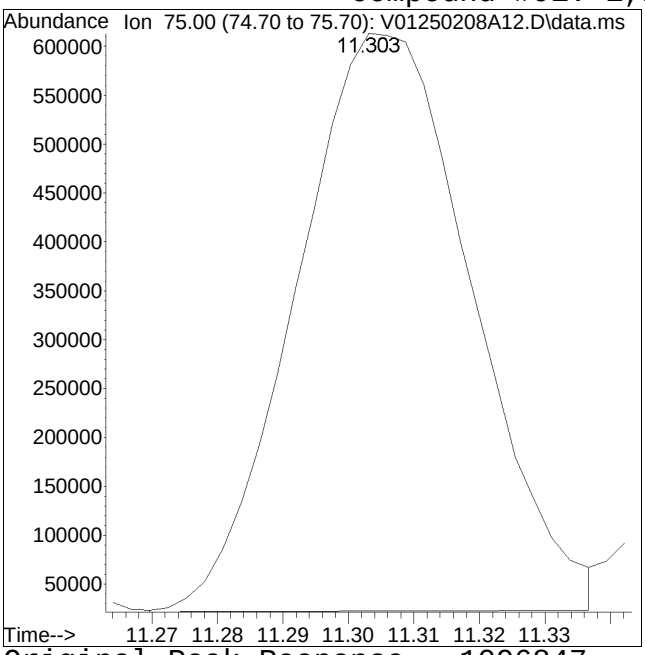
Manual Peak Response = 6210535 M1

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

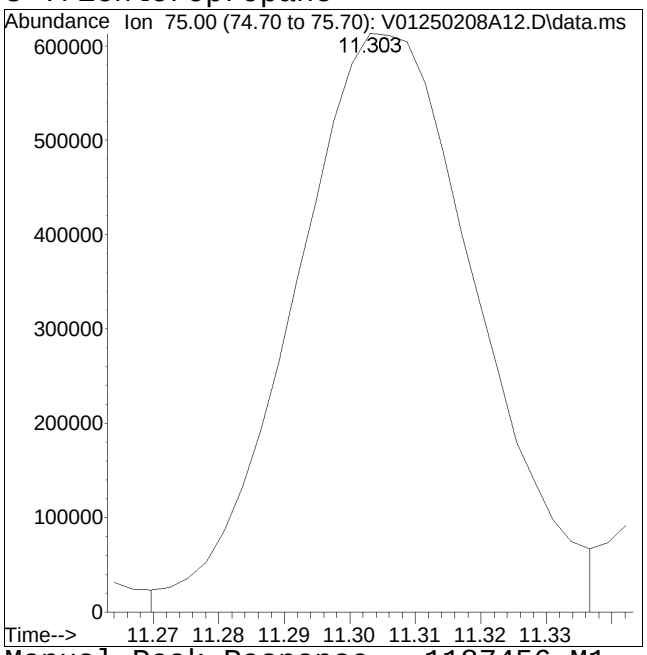
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A12.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 5:25 am Instrument : VOA 101
Sample : I8260STD120PPB Quant Date : 2/11/2025 7:41 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 1096847



Manual Peak Response = 1187456 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A13.D
Acq On : 8 Feb 2025 5:51 am
Operator : VOA101:PID
Sample : I8260STD200PPB
Misc : WG2028963,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 11 07:41:19 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.896	96	667772	10.000	ug/L	0.00
Standard Area 1 = 578930			Recovery = 115.35%			
59) Chlorobenzene-d5	9.410	117	493554	10.000	ug/L	0.00
Standard Area 1 = 424320			Recovery = 116.32%			
79) 1,4-Dichlorobenzene-d4	12.140	152	253947	10.000	ug/L	0.00
Standard Area 1 = 231124			Recovery = 109.87%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.099	113	168536	9.927	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.27%			
43) 1,2-Dichloroethane-d4	5.617	65	191464	9.832	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.32%			
60) Toluene-d8	7.572	98	660986	10.080	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.80%			
83) 4-Bromofluorobenzene	10.921	95	255977	10.295	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.95%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.618	85	3665921	206.348	ug/L	99
3) Chloromethane	1.800	50	6642381	202.053	ug/L	97
4) Vinyl chloride	1.872	62	4649919	224.683	ug/L	99
5) Bromomethane	2.173	94	1279071	265.296	ug/L	100
6) Chloroethane	2.271	64	1911508	193.791	ug/L	96
7) Trichlorofluoromethane	2.419	101	4445257	206.028	ug/L	98
8) Ethyl ether	2.706	74	1115575	202.852	ug/L	73
10) 1,1-Dichloroethene	2.893	96	3000810	206.513	ug/L	85
11) Carbon disulfide	2.921	76	10117895	210.221	ug/L	99
12) Freon-113	2.923	101	3109398	210.083	ug/L #	63
13) Iodomethane	3.024	142	3254946	299.523	ug/L	99
14) Acrolein	3.202	56	464589	217.258	ug/L	97
15) Methylene chloride	3.428	84	3299784	190.310	ug/L	81
17) Acetone	3.473	43	546922	117.381	ug/L	98
18) trans-1,2-Dichloroethene	3.579	96	3345075	206.151	ug/L	88
19) Methyl acetate	3.587	43	1649166	196.492	ug/L #	90
20) Methyl tert-butyl ether	3.674	73	7010844	206.381	ug/L	93
21) tert-Butyl alcohol	3.768	59	894727	1042.594	ug/L	88
22) Diisopropyl ether	4.025	45	13583428	199.208	ug/L	90
23) 1,1-Dichloroethane	4.148	63	7033719	201.583	ug/L	97
24) Halothane	4.201	117	2427873	205.236	ug/L	99

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A13.D
Acq On : 8 Feb 2025 5:51 am
Operator : VOA101:PID
Sample : I8260STD200PPB
Misc : WG2028963,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 11 07:41:19 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.192	53	854962	212.657	ug/L		91
26) Ethyl tert-butyl ether	4.368	59	10260121	206.820	ug/L		96
27) Vinyl acetate	4.376	43	7184487	208.620	ug/L		96
28) cis-1,2-Dichloroethene	4.658	96	3628523	204.224	ug/L		90
29) 2,2-Dichloropropane	4.756	77	4489442	209.504	ug/L		96
30) Bromochloromethane	4.850	128	1263476	180.392	ug/L	#	79
31) Cyclohexane	4.853	56	7854216	214.020	ug/L		83
32) Chloroform	4.920	83	5742057	198.986	ug/L		99
33) Ethyl acetate	5.026	43	2403655	215.199	ug/L	#	94
34) Carbon tetrachloride	5.051	117	4492824	213.488	ug/L		96
35) Tetrahydrofuran	5.071	42	640864	184.847	ug/L		99
37) 1,1,1-Trichloroethane	5.118	97	5090061	205.678	ug/L		98
39) 2-Butanone	5.205	43	989312	206.311	ug/L	#	45
40) 1,1-Dichloropropene	5.238	75	4575019	211.841	ug/L		99
41) Benzene	5.478	78	12902605	204.191	ug/L		94
42) tert-Amyl methyl ether	5.589	73	7262112	213.740	ug/L		91
44) 1,2-Dichloroethane	5.679	62	3936976	188.548	ug/L		99
47) Methyl cyclohexane	6.061	83	6169853	217.554	ug/L	#	81
48) Trichloroethene	6.072	95	3470189	198.803	ug/L		97
50) Dibromomethane	6.507	93	1593496	198.315	ug/L		98
51) 1,2-Dichloropropane	6.607	63	3892398	201.830	ug/L		96
54) Bromodichloromethane	6.683	83	4381919	204.646	ug/L		98
57) 1,4-Dioxane	6.894	88	182802	2130.453	ug/L	#	87
58) cis-1,3-Dichloropropene	7.366	75	4933375	223.817	ug/L		98
61) Toluene	7.631	92	8110765	205.694	ug/L		98
62) 4-Methyl-2-pentanone	8.057	58	830264	217.680	ug/L		98
63) Tetrachloroethene	8.077	166	3346983	207.660	ug/L		98
65) trans-1,3-Dichloropropene	8.113	75	4002708	227.825	ug/L		97
67) Ethyl methacrylate	8.297	69	2951470	240.935	ug/L		94
68) 1,1,2-Trichloroethane	8.297	83	1958425	198.331	ug/L		98
69) Chlorodibromomethane	8.509	129	2924805	214.451	ug/L		97
70) 1,3-Dichloropropane	8.615	76	4147585	205.117	ug/L		99
71) 1,2-Dibromoethane	8.782	107	2253318	210.323	ug/L		100
72) 2-Hexanone	9.061	43	1471865	221.249	ug/L		98
73) Chlorobenzene	9.432	112	8921356	203.860	ug/L		99
74) Ethylbenzene	9.468	91	15942825	209.389	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.516	131	3163839	206.308	ug/L		100
76) p/m Xylene	9.658	106	12056283	414.980	ug/L	#	1
77) o Xylene	10.202	106	11497690	409.866	ug/L	#	1
78) Styrene	10.271	104	18119950	421.363	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A13.D
Acq On : 8 Feb 2025 5:51 am
Operator : VOA101:PID
Sample : I8260STD200PPB
Misc : WG2028963,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 11 07:41:19 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.299	173	1542202	218.200	ug/L	100
82) Isopropylbenzene	10.589	105	15410345	220.157	ug/L	99
84) Bromobenzene	11.033	156	3315554	209.980	ug/L	99
85) n-Propylbenzene	11.075	91	17180041	208.132	ug/L	99
86) 1,4-Dichlorobutane	11.094	55	4361320	203.264	ug/L	96
87) 1,1,2,2-Tetrachloroethane	11.172	83	2535011	200.401	ug/L	99
88) 4-Ethyltoluene	11.208	105	14844784	218.694	ug/L	99
89) 2-Chlorotoluene	11.248	91	10636722M1	212.952	ug/L	
90) 1,3,5-Trimethylbenzene	11.309	105	12202570	217.222	ug/L	98
91) 1,2,3-Trichloropropane	11.306	75	1951091M4	198.886	ug/L	
92) trans-1,4-Dichloro-2-b...	11.362	53	634240M4	258.817	ug/L	
93) 4-Chlorotoluene	11.434	91	10700630	215.548	ug/L	96
94) tert-Butylbenzene	11.646	119	10664699	220.270	ug/L	98
97) 1,2,4-Trimethylbenzene	11.727	105	11753687	220.734	ug/L	99
98) sec-Butylbenzene	11.839	105	14962507	221.086	ug/L	97
99) p-Isopropyltoluene	11.998	119	12890099	223.848	ug/L	97
100) 1,3-Dichlorobenzene	12.062	146	6109046	212.719	ug/L	97
101) 1,4-Dichlorobenzene	12.157	146	6095106	207.009	ug/L	98
102) p-Diethylbenzene	12.371	119	7358302	225.588	ug/L	98
103) n-Butylbenzene	12.430	91	10413653	224.596	ug/L	99
104) 1,2-Dichlorobenzene	12.580	146	5312101	208.752	ug/L	97
105) 1,2,4,5-Tetramethylben...	13.172	119	10065376	231.732	ug/L	97
106) 1,2-Dibromo-3-chloropr...	13.364	155	310766	235.548	ug/L	99
107) 1,3,5-Trichlorobenzene	13.398	180	3412621	218.796	ug/L	98
108) Hexachlorobutadiene	13.972	225	1264512	221.903	ug/L	98
109) 1,2,4-Trichlorobenzene	13.997	180	2750362	228.374	ug/L	99
110) Naphthalene	14.287	128	5169428	234.884	ug/L	100
111) 1,2,3-Trichlorobenzene	14.457	180	2015720	218.969	ug/L	99

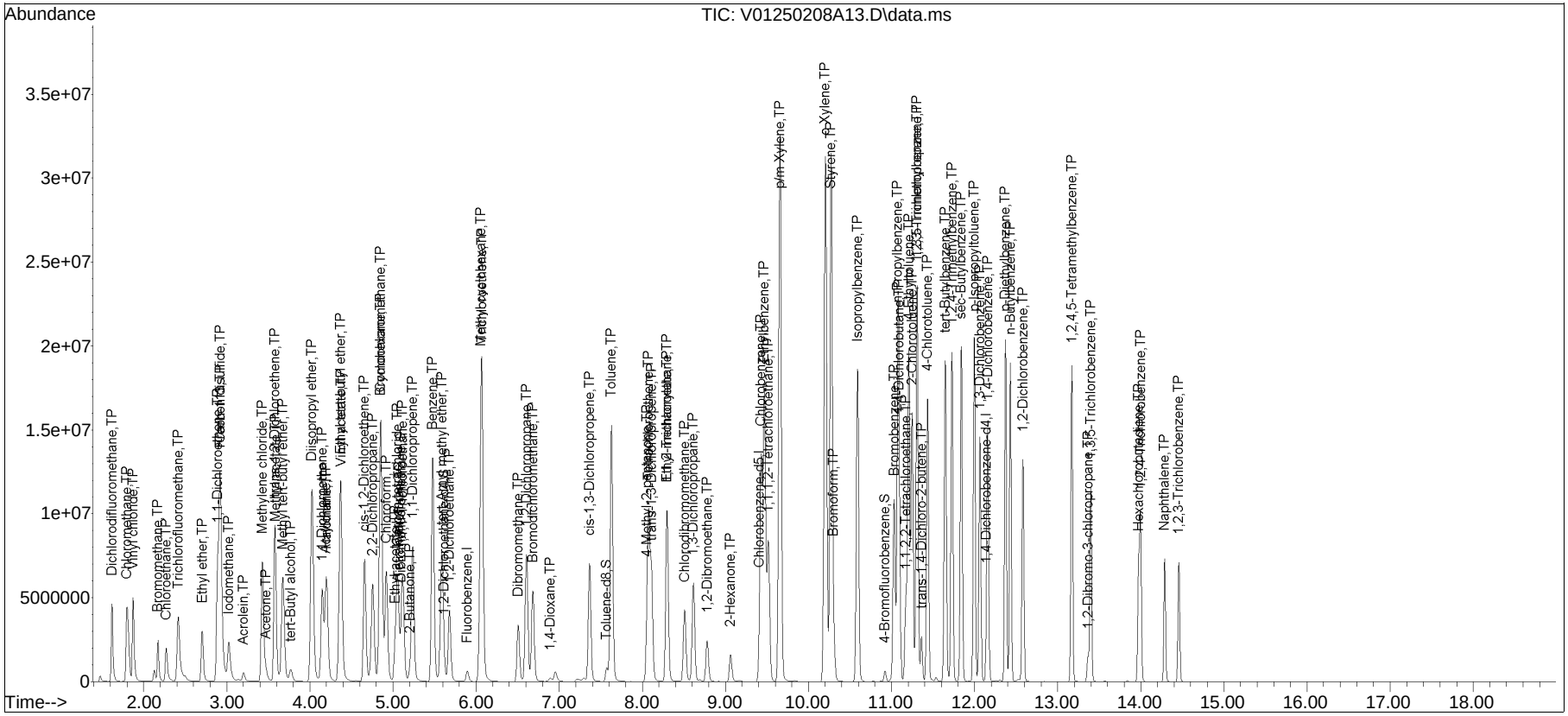
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A13.D
Acq On : 8 Feb 2025 5:51 am
Operator : VOA101:PID
Sample : I8260STD200PPB
Misc : WG2028963,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 11 07:41:19 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Feb 11 07:39:26 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE208A09.D•

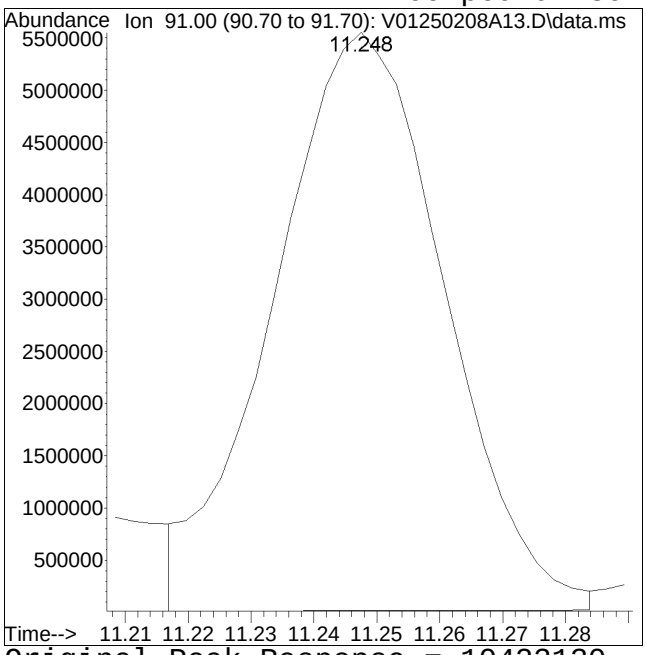


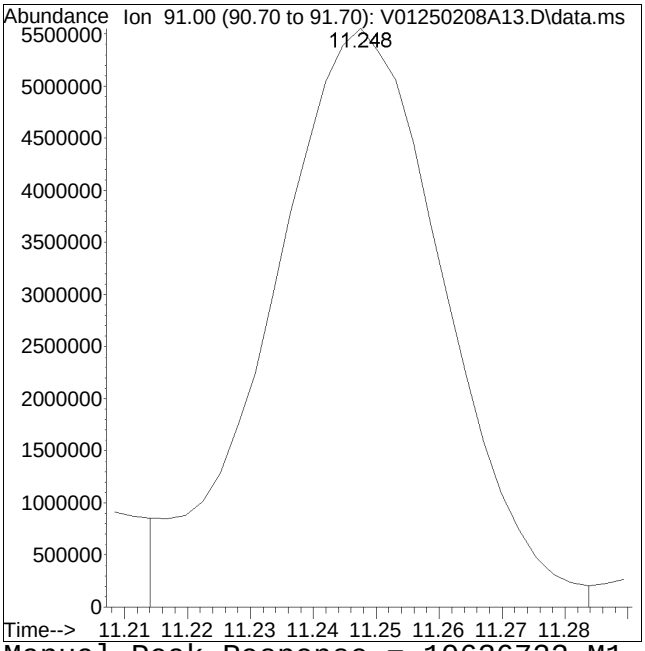
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A13.D
Date Inj'd : 2/8/2025 5:51 am
Sample : I8260STD200PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:41 am

Compound #89: 2-Chlorotoluene





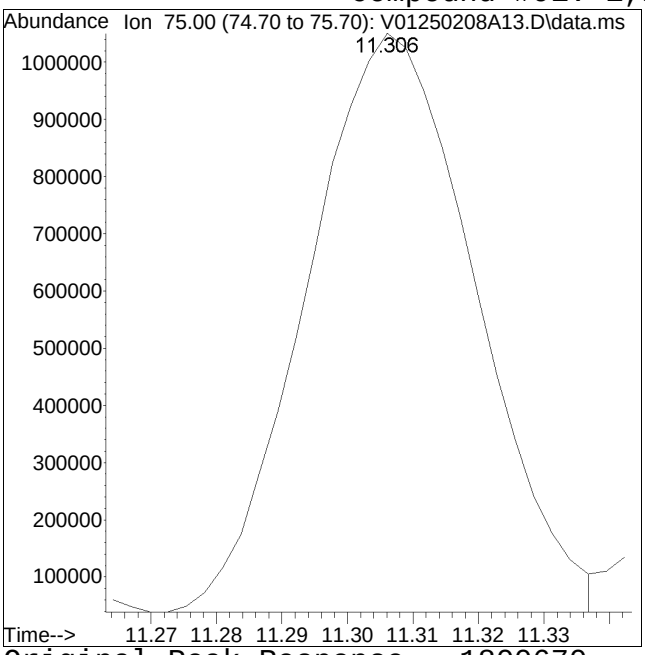
Original Peak Response = 10423130 Manual Peak Response = 10636722 M1

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

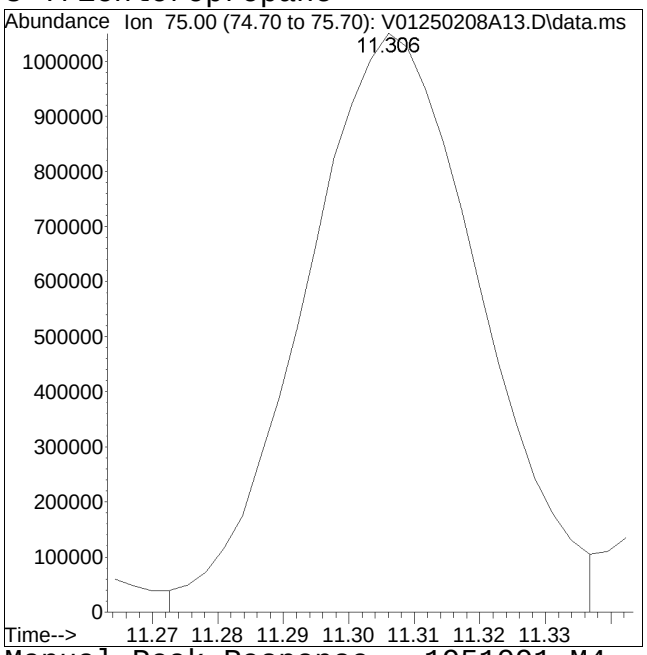
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A13.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 5:51 am Instrument : VOA 101
Sample : I8260STD200PPB Quant Date : 2/11/2025 7:41 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 1800670



Manual Peak Response = 1951091 M4

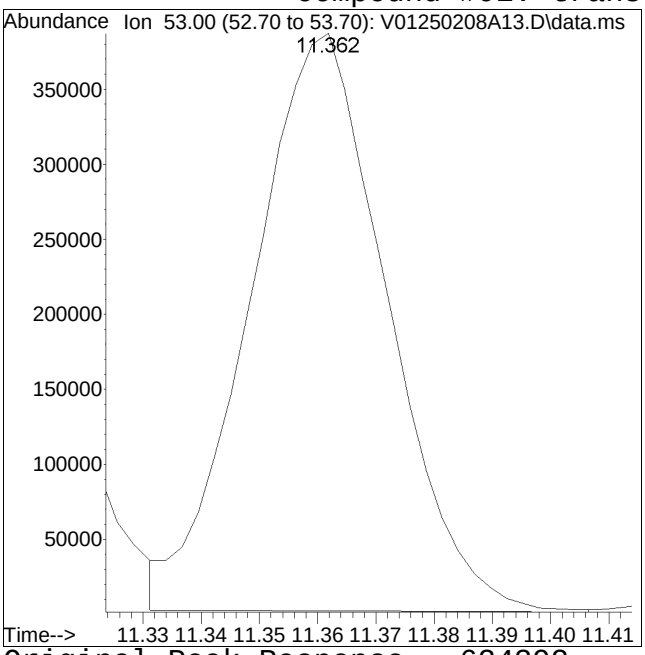
M4 = Poor automated baseline construction.

Manual Integration Report

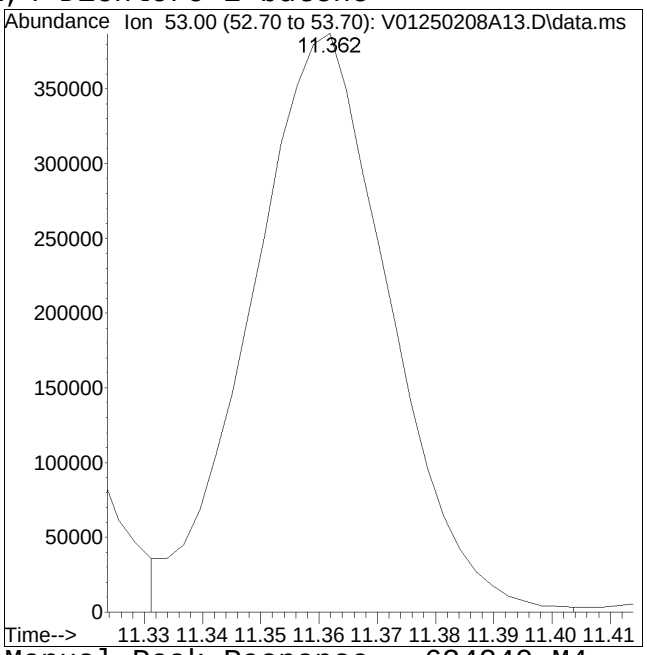
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A13.D
Date Inj'd : 2/8/2025 5:51 am
Sample : I8260STD200PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/11/2025 7:41 am

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 624392



Manual Peak Response = 634240 M4

M4 = Poor automated baseline construction.

Evaluate Continuing Calibration Report

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A18.D
Acq On : 8 Feb 2025 8:02 am
Operator : VOA101:PID
Sample : C8260STD10PPB
Misc : WG2028963,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 12 10:30:52 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

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

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene		1.000	1.000	0.0	116	0.00
2	TP	Dichlorodifluoromethane		0.266	0.304	-14.3	126	0.00
3	TP	Chloromethane		0.492	0.503	-2.2	124	0.00
4	TP	Vinyl chloride		0.310	0.327	-5.5	122	0.00
5	TP	Bromomethane	*	10.000	9.158	8.4	120	0.00
6	TP	Chloroethane		0.148	0.161	-8.8	125	0.00
7	TP	Trichlorofluoromethane		0.323	0.351	-8.7	122	0.00
8	TP	Ethyl ether		0.082	0.089	-8.5	132	0.00
10	TP	1,1-Dichloroethene		0.218	0.228	-4.6	122	0.00
11	TP	Carbon disulfide		0.721	0.614	14.8	102	0.00
12	TP	Freon-113		0.222	0.239	-7.7	120	0.00
13	TP	Iodomethane	*	10.000	9.017	9.8	129	0.00
14	TP	Acrolein		0.032	0.027	15.6	99	0.00
15	TP	Methylene chloride		0.260	0.252	3.1	116	0.00
17	TP	Acetone	*	10.000	8.268	17.3	105	0.00
18	TP	trans-1,2-Dichloroethene		0.243	0.254	-4.5	120	0.00
19	TP	Methyl acetate		0.126	0.123	2.4	116	0.00
20	TP	Methyl tert-butyl ether		0.509	0.468	8.1	110	0.00
21	TP	tert-Butyl alcohol		0.013	0.012	7.7	116	0.00
22	TP	Diisopropyl ether		1.021	0.948	7.1	107	0.00
23	TP	1,1-Dichloroethane		0.523	0.532	-1.7	117	0.00
24	TP	Halothane		0.177	0.187	-5.6	119	0.00
25	TP	Acrylonitrile		0.060	0.060	0.0	116	0.00
26	TP	Ethyl tert-butyl ether		0.743	0.714	3.9	113	0.00
27	TP	Vinyl acetate		0.516	0.452	12.4	101	0.00
28	TP	cis-1,2-Dichloroethene		0.266	0.262	1.5	115	0.00
29	TP	2,2-Dichloropropane		0.321	0.310	3.4	113	0.00
30	TP	Bromochloromethane		0.105	0.107	-1.9	114	0.00
31	TP	Cyclohexane		0.550	0.551	-0.2	110	0.00
32	TP	Chloroform		0.432	0.440	-1.9	116	0.00
33	TP	Ethyl acetate		0.167	0.166	0.6	111	0.00
34	TP	Carbon tetrachloride		0.315	0.331	-5.1	119	0.00
35	TP	Tetrahydrofuran		0.052	0.051	1.9	110	0.00
36	S	Dibromofluoromethane		0.254	0.248	2.4	113	0.00
37	TP	1,1,1-Trichloroethane		0.371	0.392	-5.7	119	0.00
39	TP	2-Butanone		0.072	0.069	4.2	118	0.00
40	TP	1,1-Dichloropropene		0.323	0.364	-12.7	125	0.00
41	TP	Benzene		0.946	0.987	-4.3	118	0.00
42	TP	tert-Amyl methyl ether		0.509	0.476	6.5	113	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A18.D
Acq On : 8 Feb 2025 8:02 am
Operator : VOA101:PID
Sample : C8260STD10PPB
Misc : WG2028963,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 12 10:30:52 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
43	S	1,2-Dichloroethane-d4	0.292	0.278	4.8	111	0.00
44	TP	1,2-Dichloroethane	0.312	0.303	2.9	111	0.00
47	TP	Methyl cyclohexane	0.425	0.437	-2.8	115	0.00
48	TP	Trichloroethene	0.261	0.269	-3.1	120	0.00
50	TP	Dibromomethane	0.120	0.117	2.5	112	0.00
51	TP	1,2-Dichloropropane	0.289	0.286	1.0	116	0.00
54	TP	Bromodichloromethane	0.321	0.302	5.9	110	0.00
57	TP	1,4-Dioxane	0.00128	0.00135#	-5.5	115	0.00
58	TP	cis-1,3-Dichloropropene	* 10.000	9.332	6.7	121	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00
60	S	Toluene-d8	1.329	1.353	-1.8	115	0.00
61	TP	Toluene	0.799	0.885	-10.8	126	0.00
62	TP	4-Methyl-2-pentanone	0.077	0.068	11.7	112	0.00
63	TP	Tetrachloroethene	0.320	0.355	-10.9	122	0.00
65	TP	trans-1,3-Dichloropropene	* 10.000	9.952	0.5	121	0.00
67	TP	Ethyl methacrylate	0.270	0.276	-2.2	130	0.00
68	TP	1,1,2-Trichloroethane	0.200	0.209	-4.5	117	0.00
69	TP	Chlorodibromomethane	0.276	0.279	-1.1	116	0.00
70	TP	1,3-Dichloropropane	0.410	0.426	-3.9	116	0.00
71	TP	1,2-Dibromoethane	0.217	0.217	0.0	112	0.00
72	TP	2-Hexanone	0.135	0.118	12.6	114	0.00
73	TP	Chlorobenzene	0.887	0.941	-6.1	120	0.00
74	TP	Ethylbenzene	1.543	1.622	-5.1	116	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.311	0.308	1.0	111	0.00
76	TP	p/m Xylene	0.589	0.636	-8.0	118	0.00
77	TP	o Xylene	0.568	0.597	-5.1	114	0.00
78	TP	Styrene	0.871	0.933	-7.1	116	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
80	TP	Bromoform	0.278	0.284	-2.2	115	0.00
82	TP	Isopropylbenzene	2.756	2.667	3.2	104	0.00
83	S	4-Bromofluorobenzene	0.979	0.984	-0.5	110	0.00
84	TP	Bromobenzene	0.622	0.644	-3.5	112	0.00
85	TP	n-Propylbenzene	3.228	3.535	-9.5	116	0.00
86	TP	1,4-Dichlorobutane	0.845	0.935	-10.7	120	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.488	0.500	-2.5	111	0.00
88	TP	4-Ethyltoluene	2.673	2.896	-8.3	117	0.00
89	TP	2-Chlorotoluene	1.967	2.017	-2.5	111	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A18.D
Acq On : 8 Feb 2025 8:02 am
Operator : VOA101:PID
Sample : C8260STD10PPB
Misc : WG2028963,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 12 10:30:52 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 TP	1,3,5-Trimethylbenzene	2.212	2.316	-4.7	114	0.00
91 TP	1,2,3-Trichloropropane	0.386	0.385	0.3	110	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.108	0.101	6.5	113	0.00
93 TP	4-Chlorotoluene	1.955	2.075	-6.1	116	0.00
94 TP	tert-Butylbenzene	1.907	2.020	-5.9	114	0.00
97 TP	1,2,4-Trimethylbenzene	2.097	2.264	-8.0	115	0.00
98 TP	sec-Butylbenzene	2.665	2.832	-6.3	114	0.00
99 TP	p-Isopropyltoluene	2.268	2.406	-6.1	114	0.00
100 TP	1,3-Dichlorobenzene	1.131	1.220	-7.9	118	0.00
101 TP	1,4-Dichlorobenzene	1.159	1.209	-4.3	117	0.00
102 TP	p-Diethylbenzene	1.284	1.288	-0.3	110	0.00
103 TP	n-Butylbenzene	1.826	1.990	-9.0	119	0.00
104 TP	1,2-Dichlorobenzene	1.002	1.062	-6.0	116	0.00
105 TP	1,2,4,5-Tetramethylbenzene	1.710	1.731	-1.2	112	0.00
106 TP	1,2-Dibromo-3-chloropropane *	10.000	9.333	6.7	113	0.00
107 TP	1,3,5-Trichlorobenzene	0.614	0.629	-2.4	115	0.00
108 TP	Hexachlorobutadiene	0.224	0.246	-9.8	122	0.00
109 TP	1,2,4-Trichlorobenzene	0.474	0.489	-3.2	118	0.00
110 TP	Naphthalene	0.867	0.878	-1.3	119	0.00
111 TP	1,2,3-Trichlorobenzene	0.362	0.371#	-2.5	117	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 2 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A18.D
Acq On : 8 Feb 2025 8:02 am
Operator : VOA101:PID
Sample : C8260STD10PPB
Misc : WG2028963,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 12 10:30:52 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.896	96	669053	10.000	ug/L	0.00
Standard Area 1 = 578930			Recovery = 115.57%			
59) Chlorobenzene-d5	9.410	117	481294	10.000	ug/L	0.00
Standard Area 1 = 424320			Recovery = 113.43%			
79) 1,4-Dichlorobenzene-d4	12.143	152	250608	10.000	ug/L	0.00
Standard Area 1 = 231124			Recovery = 108.43%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.096	113	166093	9.765	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.65%			
43) 1,2-Dichloroethane-d4	5.614	65	185690	9.518	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.18%			
60) Toluene-d8	7.569	98	651180	10.184	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.84%			
83) 4-Bromofluorobenzene	10.921	95	246605	10.051	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.51%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.618	85	203578	11.437	ug/L	98
3) Chloromethane	1.805	50	336373	10.212	ug/L	99
4) Vinyl chloride	1.872	62	218946	10.559	ug/L	97
5) Bromomethane	2.173	94	38868	9.158	ug/L	95
6) Chloroethane	2.282	64	107542	10.882	ug/L	99
7) Trichlorofluoromethane	2.419	101	234630	10.854	ug/L	99
8) Ethyl ether	2.709	74	59803	10.854	ug/L	92
10) 1,1-Dichloroethene	2.893	96	152666	10.486	ug/L	95
11) Carbon disulfide	2.920	76	410587	8.514	ug/L	99
12) Freon-113	2.929	101	159782	10.775	ug/L	81
13) Iodomethane	3.024	142	83226	9.017	ug/L	99
14) Acrolein	3.205	56	18134M1	8.464	ug/L	
15) Methylene chloride	3.431	84	168356	9.691	ug/L	95
17) Acetone	3.481	43	28503	8.268	ug/L #	69
18) trans-1,2-Dichloroethene	3.579	96	170116	10.464	ug/L	98
19) Methyl acetate	3.593	43	82434	9.803	ug/L	98
20) Methyl tert-butyl ether	3.679	73	313037	9.197	ug/L	97
21) tert-Butyl alcohol	3.771	59	40883M1	47.548	ug/L	
22) Diisopropyl ether	4.028	45	634542	9.288	ug/L	98
23) 1,1-Dichloroethane	4.150	63	355776	10.177	ug/L	99
24) Halothane	4.198	117	125010	10.547	ug/L	98

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A18.D
Acq On : 8 Feb 2025 8:02 am
Operator : VOA101:PID
Sample : C8260STD10PPB
Misc : WG2028963,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 12 10:30:52 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.195	53	40450	10.042	ug/L		99
26) Ethyl tert-butyl ether	4.368	59	477529	9.607	ug/L		95
27) Vinyl acetate	4.382	43	302083	8.755	ug/L		100
28) cis-1,2-Dichloroethene	4.658	96	175497	9.859	ug/L		98
29) 2,2-Dichloropropane	4.758	77	207250	9.653	ug/L		96
30) Bromochloromethane	4.856	128	71838	10.237	ug/L		94
31) Cyclohexane	4.856	56	368350	10.018	ug/L		100
32) Chloroform	4.923	83	294492	10.186	ug/L		99
33) Ethyl acetate	5.031	43	111068	9.925	ug/L	#	95
34) Carbon tetrachloride	5.054	117	221595	10.510	ug/L		97
35) Tetrahydrofuran	5.079	42	34172M1	9.837	ug/L		
37) 1,1,1-Trichloroethane	5.118	97	262580	10.590	ug/L	#	97
39) 2-Butanone	5.221	43	46480	9.674	ug/L		95
40) 1,1-Dichloropropene	5.238	75	243390	11.248	ug/L		98
41) Benzene	5.483	78	660074	10.426	ug/L		98
42) tert-Amyl methyl ether	5.592	73	318230	9.348	ug/L		96
44) 1,2-Dichloroethane	5.681	62	202902	9.720	ug/L		96
47) Methyl cyclohexane	6.063	83	292325	10.288	ug/L		96
48) Trichloroethene	6.077	95	180247	10.306	ug/L		100
50) Dibromomethane	6.509	93	78177	9.711	ug/L		98
51) 1,2-Dichloropropane	6.607	63	191680	9.920	ug/L		98
54) Bromodichloromethane	6.682	83	201920	9.412	ug/L		99
57) 1,4-Dioxane	6.897	88	45068M1	524.236	ug/L		
58) cis-1,3-Dichloropropene	7.371	75	221779	9.332	ug/L		98
61) Toluene	7.630	92	426030	11.080	ug/L		100
62) 4-Methyl-2-pentanone	8.068	58	32794	8.817	ug/L		94
63) Tetrachloroethene	8.082	166	170927	11.092	ug/L		97
65) trans-1,3-Dichloropropene	8.116	75	178452	9.952	ug/L		98
67) Ethyl methacrylate	8.305	69	132746	10.199	ug/L		94
68) 1,1,2-Trichloroethane	8.294	83	100368	10.423	ug/L		98
69) Chlorodibromomethane	8.512	129	134082	10.082	ug/L		99
70) 1,3-Dichloropropane	8.618	76	205012	10.397	ug/L		100
71) 1,2-Dibromoethane	8.785	107	104615	10.013	ug/L		98
72) 2-Hexanone	9.081	43	56721	8.743	ug/L	#	89
73) Chlorobenzene	9.429	112	452664	10.607	ug/L		98
74) Ethylbenzene	9.471	91	780855	10.517	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.513	131	148008	9.897	ug/L		98
76) p/m Xylene	9.658	106	612331	21.613	ug/L		99
77) o Xylene	10.199	106	574649	21.007	ug/L		97
78) Styrene	10.269	104	898276	21.421	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A18.D
Acq On : 8 Feb 2025 8:02 am
Operator : VOA101:PID
Sample : C8260STD10PPB
Misc : WG2028963,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 12 10:30:52 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250208AICAL\V01250208A09.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	10.296	173	71132	10.198	ug/L	99
82) Isopropylbenzene	10.592	105	668429	9.677	ug/L	99
84) Bromobenzene	11.030	156	161464	10.362	ug/L	100
85) n-Propylbenzene	11.074	91	885980	10.951	ug/L	100
86) 1,4-Dichlorobutane	11.091	55	234301	11.065	ug/L	99
87) 1,1,2,2-Tetrachloroethane	11.169	83	125391	10.247	ug/L	99
88) 4-Ethyltoluene	11.203	105	725710	10.834	ug/L	100
89) 2-Chlorotoluene	11.247	91	505373M1	10.253	ug/L	
90) 1,3,5-Trimethylbenzene	11.300	105	580480	10.471	ug/L	99
91) 1,2,3-Trichloropropane	11.306	75	96577M1	9.976	ug/L	
92) trans-1,4-Dichloro-2-b...	11.362	53	25291M1	9.346	ug/L	
93) 4-Chlorotoluene	11.429	91	520019	10.615	ug/L	99
94) tert-Butylbenzene	11.643	119	506311	10.597	ug/L	99
97) 1,2,4-Trimethylbenzene	11.724	105	567390	10.798	ug/L	98
98) sec-Butylbenzene	11.836	105	709720	10.627	ug/L	100
99) p-Isopropyltoluene	11.992	119	603076	10.612	ug/L	100
100) 1,3-Dichlorobenzene	12.064	146	305797	10.790	ug/L	100
101) 1,4-Dichlorobenzene	12.154	146	302866	10.423	ug/L	99
102) p-Diethylbenzene	12.368	119	322697	10.025	ug/L	100
103) n-Butylbenzene	12.427	91	498598	10.897	ug/L	100
104) 1,2-Dichlorobenzene	12.580	146	266153	10.599	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.166	119	433896	10.123	ug/L	100
106) 1,2-Dibromo-3-chloropr...	13.364	155	13538	9.333	ug/L	96
107) 1,3,5-Trichlorobenzene	13.397	180	157563	10.237	ug/L	97
108) Hexachlorobutadiene	13.975	225	61546	10.944	ug/L	97
109) 1,2,4-Trichlorobenzene	13.997	180	122605	10.316	ug/L	99
110) Naphthalene	14.293	128	219924	10.126	ug/L	100
111) 1,2,3-Trichlorobenzene	14.460	180	93061	10.244	ug/L	99

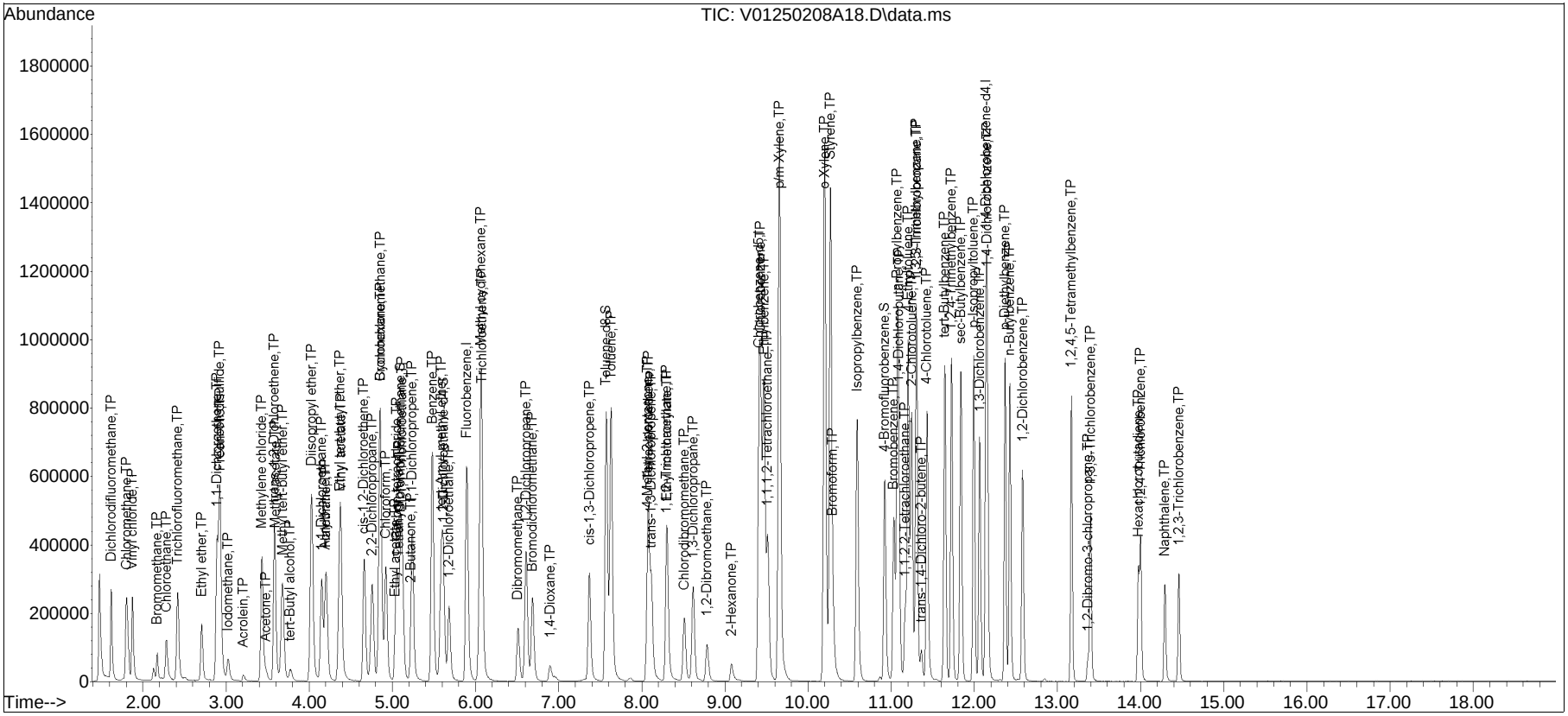
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250208AICAL\
Data File : V01250208A18.D
Acq On : 8 Feb 2025 8:02 am
Operator : VOA101:PID
Sample : C8260STD10PPB
Misc : WG2028963,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 12 10:30:52 2025
Quant Method : K:\VOA101\2025\250208AICAL\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE208A09.D•

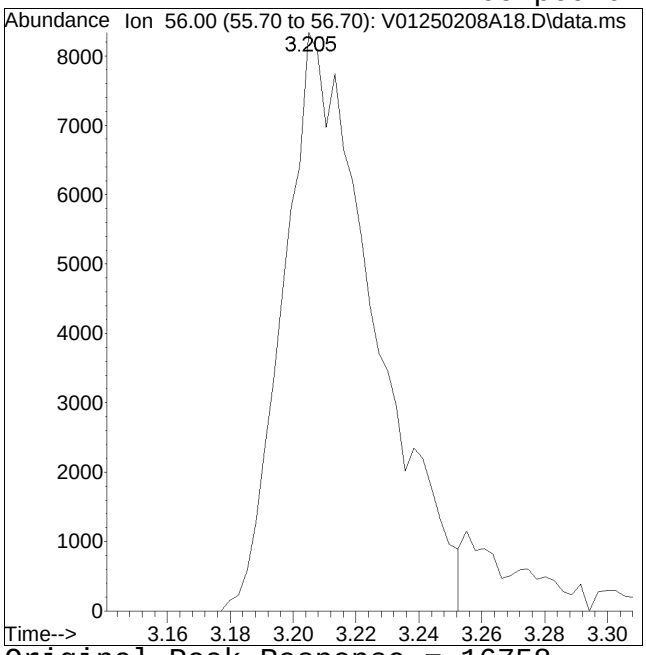


Manual Integration Report

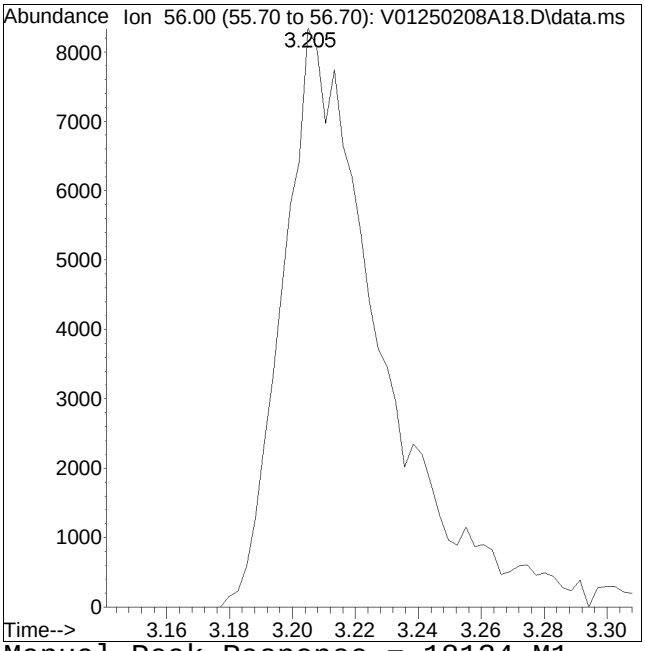
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A18.D
Date Inj'd : 2/8/2025 8:02 am
Sample : C8260STD10PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/12/2025 10:30 am

Compound #14: Acrolein



Original Peak Response = 16758



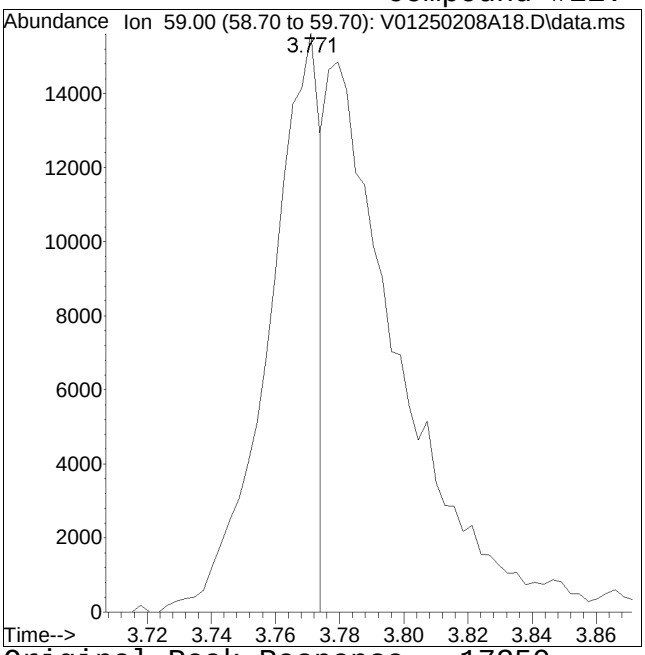
Manual Peak Response = 18134 M1

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

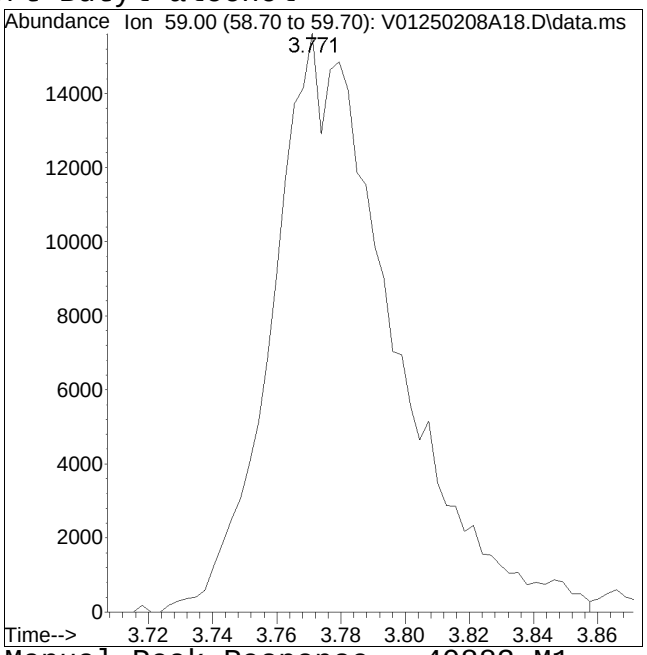
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A18.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 8:02 am Instrument : VOA 101
Sample : C8260STD10PPB Quant Date : 2/12/2025 10:30 am

Compound #21: tert-Butyl alcohol



Original Peak Response = 17350



Manual Peak Response = 40883 M1

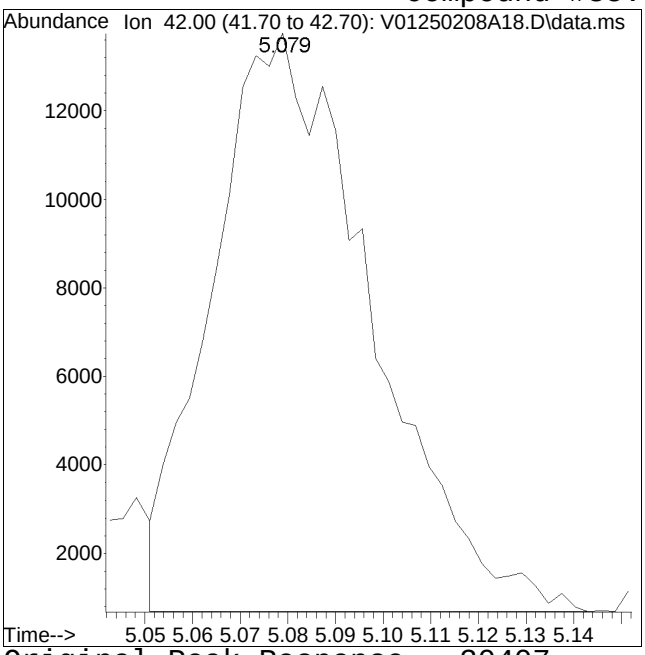
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

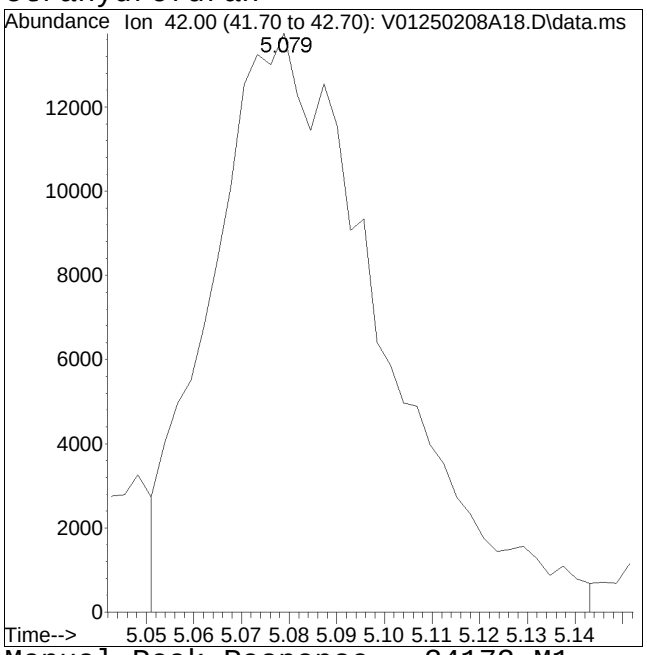
Data Path : K:\VOA101\2025\250208AICALQ
Data File : V01250208A18.D
Date Inj'd : 2/8/2025 8:02 am
Sample : C8260STD10PPB

Method : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 2/12/2025 10:30 am

Compound #35: Tetrahydrofuran



Original Peak Response = 30407



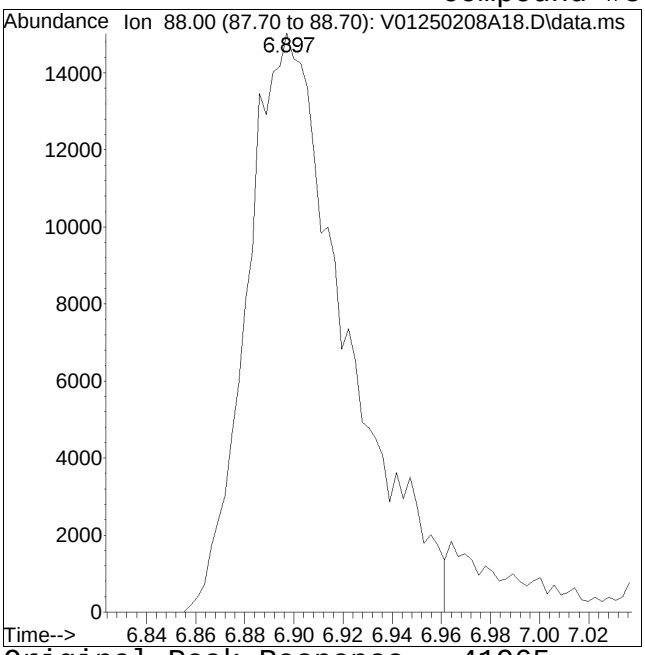
Manual Peak Response = 34172 M1

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

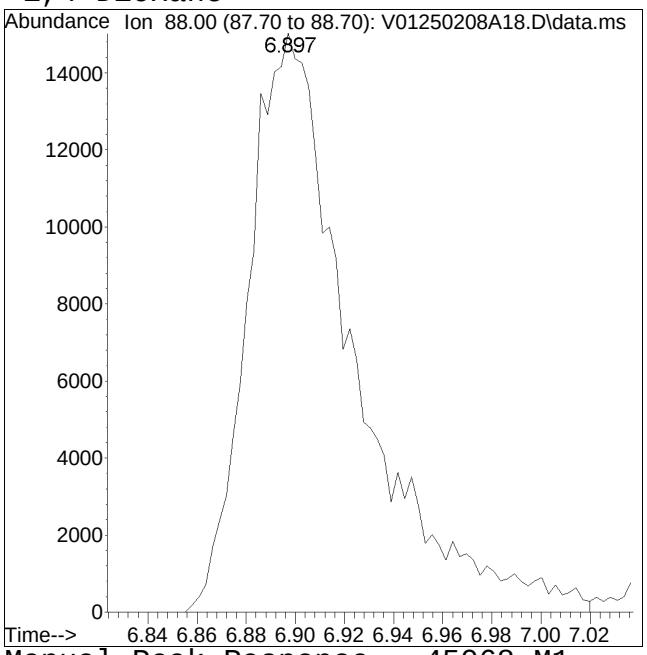
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A18.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 8:02 am Instrument : VOA 101
Sample : C8260STD10PPB Quant Date : 2/12/2025 10:30 am

Compound #57: 1,4-Dioxane



Original Peak Response = 41965



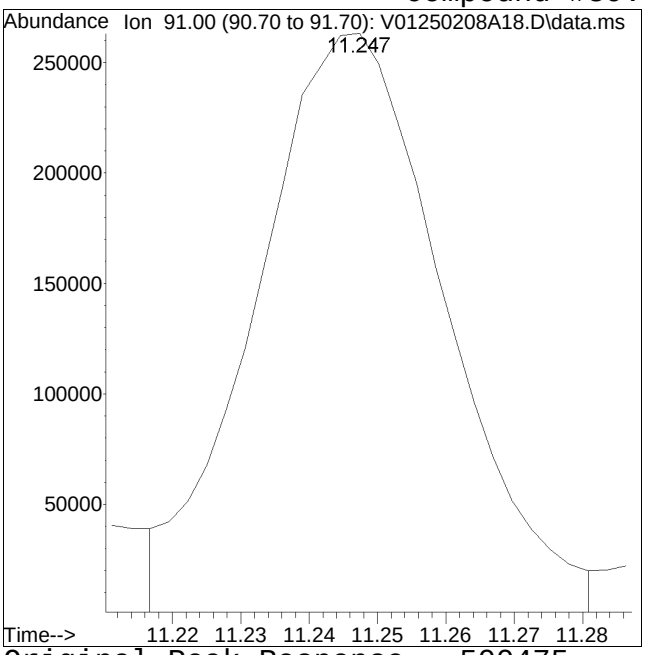
Manual Peak Response = 45068 M1

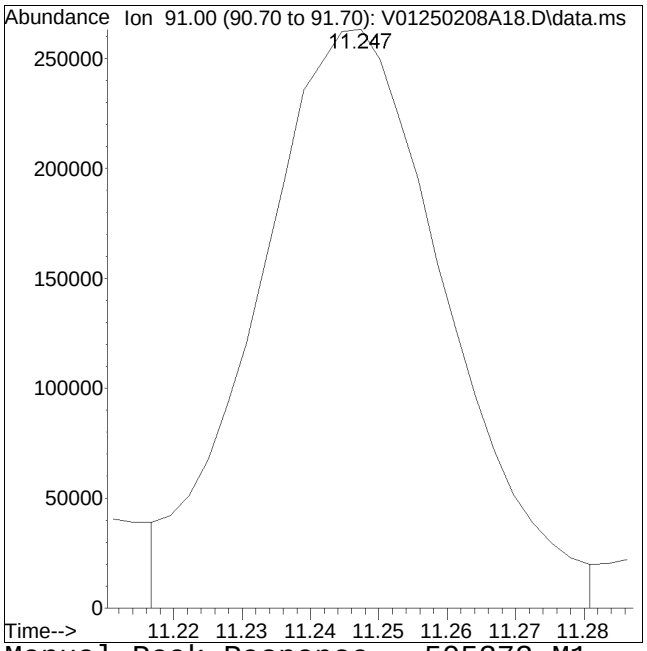
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A18.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 8:02 am Instrument : VOA 101
Sample : C8260STD10PPB Quant Date : 2/12/2025 10:30 am

Compound #89: 2-Chlorotoluene



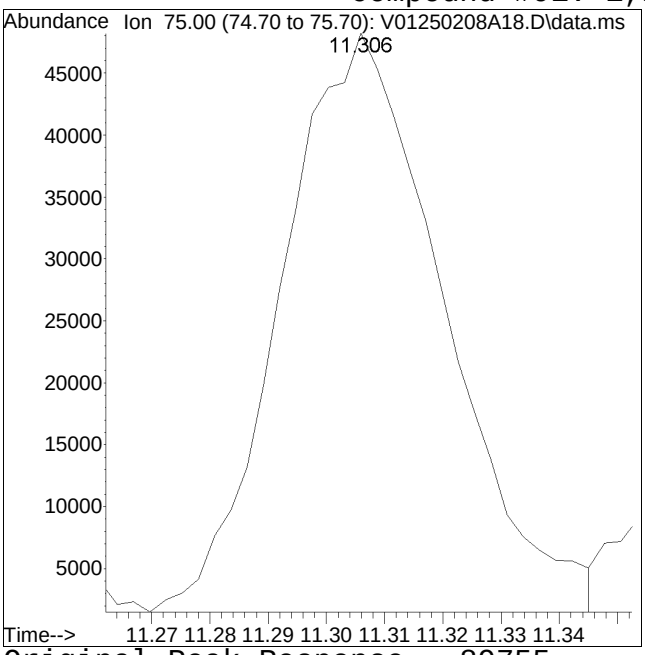


Original Peak Response = 500475 Manual Peak Response = 505373 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

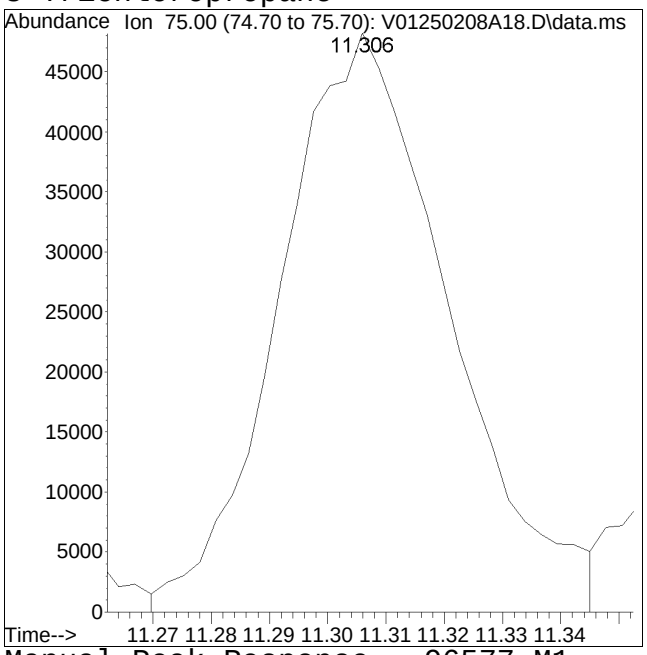
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A18.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 8:02 am Instrument : VOA 101
Sample : C8260STD10PPB Quant Date : 2/12/2025 10:30 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 89755



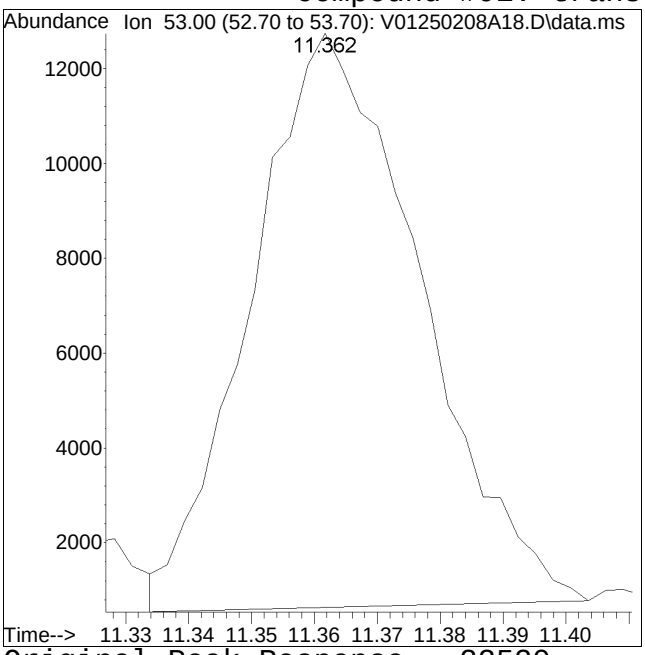
Manual Peak Response = 96577 M1

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

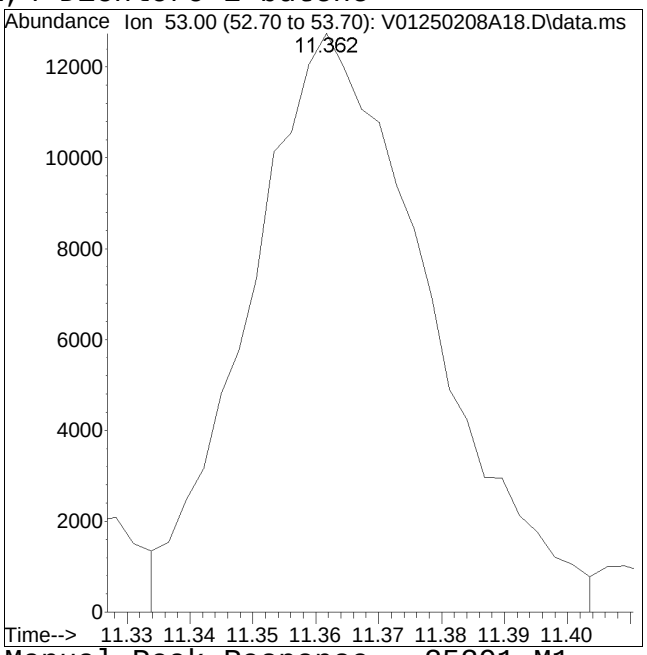
Manual Integration Report

Data Path : K:\VOA101\2025\250208AICALQMethod : V101_250208A_8260.m
Data File : V01250208A18.D Operator : VOA101:PID
Date Inj'd : 2/8/2025 8:02 am Instrument : VOA 101
Sample : C8260STD10PPB Quant Date : 2/12/2025 10:30 am

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 22520



Manual Peak Response = 25291 M1

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

Evaluate Relative Error Report VOA 101

Method Path : K:\VOA101\2025\250208AICAL\
Method File : V101_250208A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Feb 12 10:30:07 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
5	TP Bromomethane	Q	ug/L	10.0	8.843	-11.6	0.50	0.600	20.0
13	TP Iodomethane	Q	ug/L	10.0	8.238	-17.6	2.00	2.446	22.3
17	TP Acetone	L	ug/L	10.0	9.243	-7.6	0.50	0.551	10.2
58	TP cis-1,3-Dichloropropene	Q	ug/L	10.0	8.916	-10.8	0.19	0.245	28.9
65	TP trans-1,3-Dichloropropene	Q	ug/L	10.0	9.355	-6.4	0.19	0.242	27.4
106	TP 1,2-Dibromo-3-chloropropane	L	ug/L	10.0	8.947	-10.5	0.50	0.625	25.0

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
5	TP Bromomethane	Quadratic	0.999260	0.002570	0.0621267	-0.000958998
13	TP Iodomethane	Quadratic	0.998134	0.004669	0.155195	-0.0193384
17	TP Acetone	Linear	0.995030	0.000000	0.043006	0.00704667
58	TP cis-1,3-Dichloropropene	Quadratic	0.999500	0.000591	0.359926	-0.00491459
65	TP trans-1,3-Dichloropropene	Quadratic	0.999425	0.002736	0.374536	-0.00466702
106	TP 1,2-Dibromo-3-chloropropane	Linear	0.999298	0.000000	0.0602141	-0.00217465

Response Factor Report VOA 122

Method Path : K:\VOA122\2025\250214BICAL\
Method File : V122_2501214B_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Feb 17 06:27:48 2025
Response Via : Initial Calibration

Calibration Files
L11 =V22250214B03.D L1 =V22250214B04.D L2 =V22250214B06.D L3 =V22250214B08.D L4 =V22250214B09.D
L6 =V22250214B10.D L8 =V22250214B11.D L10 =V22250214B12.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------	ISTD	----------							
2)	TP	Dichlorodifluo...		0.144	0.163	0.164	0.139	0.133	0.136	0.135	0.145	9.03
3)	TP	Chloromethane		0.150	0.171	0.147	0.132	0.128	0.126	0.124	0.140	12.40
4)	TP	Vinyl chloride	0.279	0.156	0.172	0.163	0.141	0.134	0.135	0.135	*L	0.9989
5)	TP	Bromomethane		0.112	0.122	0.096	0.084	0.087	0.093	0.095	0.098	13.68
6)	TP	Chloroethane		0.123	0.123	0.104	0.092	0.086	0.083	0.078	0.098	18.94
7)	TP	Trichlorofluor...		0.194	0.203	0.204	0.175	0.170	0.173	0.176	0.185	8.04
8)	TP	Ethyl ether		0.044	0.054	0.046	0.045	0.046	0.046	0.049	0.047	7.10
10)	TP	1,1-Dichloroet...		0.118	0.115	0.114	0.100	0.097	0.101	0.105	0.107	7.79
11)	TP	Carbon disulfide		0.313	0.369	0.332	0.287	0.279	0.287	0.294	0.309	10.44
12)	TP	Freon-113		0.115	0.128	0.125	0.109	0.104	0.110	0.113	0.115	7.53
13)	TP	Iodomethane		0.110	0.153	0.163	0.153	0.156	0.157	0.155	0.150	11.80
14)	TP	Acrolein			0.011	0.010	0.012	0.013	0.012	0.013	0.012	10.54
15)	TP	Methylene chlo...		0.158	0.148	0.129	0.116	0.113	0.112	0.114	0.127	14.81
17)	TP	Acetone			0.027	0.023	0.020	0.021	0.021	0.021	0.022	11.75
18)	TP	trans-1,2-Dich...		0.125	0.143	0.126	0.111	0.111	0.113	0.116	0.121	9.53
19)	TP	Methyl acetate			0.061	0.051	0.050	0.052	0.052	0.054	0.053	7.84
21)	TP	Methyl tert-bu...		0.214	0.221	0.217	0.224	0.233	0.239	0.250	0.228	5.76
22)	TP	tert-Butyl alc...			0.005	0.005	0.005	0.006	0.006	0.006	0.005#	9.73
24)	TP	Diisopropyl ether		0.307	0.317	0.320	0.334	0.352	0.352	0.368	0.336	6.68
25)	TP	1,1-Dichloroet...		0.233	0.238	0.215	0.199	0.196	0.197	0.198	0.211#	8.55
26)	TP	Halothane		0.101	0.113	0.108	0.096	0.093	0.098	0.102	0.102	6.86
27)	TP	Acrylonitrile		0.025	0.029	0.026	0.025	0.027	0.026	0.027	0.026	5.39
28)	TP	Ethyl tert-but...		0.217	0.247	0.257	0.274	0.294	0.304	0.316	0.273	12.87
29)	TP	Vinyl acetate			0.187	0.194	0.218	0.238	0.235	0.250	0.220	11.55
30)	TP	cis-1,2-Dichlo...		0.144	0.161	0.140	0.129	0.126	0.126	0.128	0.136#	9.45
31)	TP	2,2-Dichloropr...		0.170	0.178	0.162	0.150	0.149	0.150	0.154	0.159	7.08
32)	TP	Bromochloromet...		0.083	0.082	0.073	0.067	0.064	0.063	0.064	0.071#	11.93
33)	TP	Cyclohexane		0.144	0.179	0.205	0.182	0.186	0.197	0.204	0.185	11.36
34)	TP	Chloroform		0.248	0.260	0.213	0.197	0.200	0.200	0.199	0.217#	12.03
35)	TP	Ethyl acetate			0.065	0.067	0.072	0.076	0.076	0.080	0.073	8.14

Response Factor Report VOA 122

Method Path : K:\VOA122\2025\250214BICAL\
Method File : V122_2501214B_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Feb 17 06:27:48 2025
Response Via : Initial Calibration

Calibration Files
L11 =V22250214B03.D L1 =V22250214B04.D L2 =V22250214B06.D L3 =V22250214B08.D L4 =V22250214B09.D
L6 =V22250214B10.D L8 =V22250214B11.D L10 =V22250214B12.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
36)	TP	Carbon tetrach...	0.226	0.163	0.190	0.190	0.166	0.165	0.172	0.179	0.181	11.52
37)	TP	Tetrahydrofuran			0.021	0.021	0.019	0.021	0.021	0.022	0.021	4.14
38)	S	Dibromofluorom...	0.310	0.318	0.309	0.284	0.271	0.270	0.269	0.271	0.288	7.30
39)	TP	1,1,1-Trichlor...		0.187	0.204	0.195	0.178	0.175	0.179	0.183	0.186	5.60
41)	TP	2-Butanone			0.032	0.030	0.032	0.035	0.033	0.035	0.033	5.51
42)	TP	1,1-Dichloropr...		0.121	0.136	0.149	0.150	0.143	0.146	0.149	0.142	7.43
44)	TP	Benzene	0.612	0.437	0.463	0.443	0.427	0.428	0.427	0.433	0.459	13.79
45)	TP	tert-Amyl meth...		0.195	0.205	0.206	0.227	0.253	0.259	0.274	0.231	13.40
46)	S	1,2-Dichloroet...	0.264	0.276	0.272	0.247	0.246	0.246	0.245	0.255	0.256	4.96
47)	T	1,2-Dichloroet...	0.146	0.166	0.164	0.141	0.136	0.136	0.134	0.137	0.145	8.83
50)	TP	Methyl cyclohe...		0.111	0.142	0.168	0.156	0.166	0.179	0.186	0.158	16.06
51)	TP	Trichloroethene	0.221	0.142	0.135	0.132	0.126	0.125	0.129	0.133	*L	0.9994
53)	TP	Dibromomethane		0.062	0.061	0.051	0.050	0.049	0.049	0.049	0.053	11.15
54)	TP	1,2-Dichloropr...		0.105	0.118	0.113	0.113	0.115	0.114	0.116	0.113#	3.70
56)	TP	2-Chloroethyl ...			0.035	0.040	0.047	0.052	0.052	0.055	0.047	16.60
57)	TP	Bromodichlorom...		0.158	0.171	0.158	0.159	0.161	0.162	0.166	0.162#	3.03
60)	TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	6.79
61)	TP	cis-1,3-Dichlo...	0.121	0.144	0.156	0.167	0.176	0.186	0.186	0.189	0.166#	14.45
62)	I	Chlorobenzene-d5	----------ISTD----------									
63)	S	Toluene-d8	1.269	1.252	1.248	1.278	1.267	1.275	1.263	1.245	1.262	0.99
64)	TP	Toluene		0.361	0.404	0.386	0.369	0.371	0.370	0.378	0.377	3.78
65)	TP	4-Methyl-2-pen...			0.021	0.023	0.027	0.032	0.032	0.035	0.028#	19.53
66)	TP	Tetrachloroethene	0.248	0.160	0.170	0.179	0.169	0.171	0.175	0.179	0.181	15.21
68)	TP	trans-1,3-Dich...	0.114	0.134	0.147	0.172	0.192	0.206	0.204	0.209	*Q	0.9994
70)	TP	Ethyl methacry...		0.077	0.082	0.092	0.105	0.118	0.118	0.125	0.102	18.61
71)	TP	1,1,2-Trichlor...		0.087	0.092	0.094	0.099	0.103	0.101	0.103	0.097#	6.46
72)	TP	Chlorodibromom...		0.126	0.141	0.150	0.161	0.171	0.170	0.174	0.156#	11.59
73)	TP	1,3-Dichloropr...		0.164	0.180	0.192	0.195	0.202	0.199	0.202	0.191	7.34
74)	TP	1,2-Dibromoethane		0.101	0.107	0.116	0.123	0.129	0.128	0.130	0.119#	9.55
76)	TP	2-Hexanone			0.039	0.042	0.048	0.056	0.057	0.059	0.050	16.46
77)	TP	Chlorobenzene		0.493	0.526	0.476	0.454	0.459	0.453	0.457	0.474	5.70

Method Path : K:\VOA122\2025\250214BICAL\
Method File : V122_2501214B_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Feb 17 06:27:48 2025
Response Via : Initial Calibration

Calibration Files
L11 =V22250214B03.D L1 =V22250214B04.D L2 =V22250214B06.D L3 =V22250214B08.D L4 =V22250214B09.D
L6 =V22250214B10.D L8 =V22250214B11.D L10 =V22250214B12.D

		Compound		L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
78)	TP	Ethylbenzene		0.648	0.729	0.743	0.721	0.730	0.727	0.722	0.717	4.35	
79)	TP	1,1,1,2-Tetrac...		0.138	0.149	0.152	0.161	0.171	0.170	0.172	0.159	8.23	
80)	TP	p/m Xylene		0.244	0.285	0.299	0.288	0.291	0.292	0.298	0.285	6.58	
81)	TP	o Xylene		0.232	0.280	0.284	0.285	0.295	0.294	0.300	0.281	8.09	
82)	TP	Styrene		0.342	0.415	0.467	0.482	0.507	0.502	0.500	0.459	13.20	
83)	I	1,4-Dichlorobenzene-d4		----------ISTD----------									
84)	TP	Bromoform		0.151	0.164	0.166	0.180	0.201	0.208	0.221	0.185	14.13	
86)	TP	Isopropylbenzene		1.055	1.344	1.427	1.361	1.368	1.413	1.407	1.339	9.63	
87)	S	4-Bromofluorob...	0.811	0.811	0.810	0.815	0.812	0.813	0.823	0.815	0.814	0.51	
88)	TP	Bromobenzene		0.383	0.396	0.382	0.364	0.364	0.372	0.373	0.376	3.08	
89)	TP	n-Propylbenzene		1.328	1.503	1.586	1.494	1.509	1.560	1.557	1.505	5.68	
90)	TP	1,4-Dichlorobu...		0.288	0.332	0.330	0.333	0.352	0.356	0.373	0.338	7.99	
91)	TP	1,1,2,2-Tetrac...	0.234	0.267	0.273	0.257	0.262	0.271	0.269	0.276	0.264	5.10	
92)	TP	4-Ethyltoluene		1.028	1.229	1.356	1.297	1.302	1.330	1.338	1.269	8.97	
93)	TP	2-Chlorotoluene		0.950	1.032	1.010	0.918	0.919	0.935	0.957	0.960	4.63	
94)	TP	1,3,5-Trimethy...		0.884	1.046	1.089	1.052	1.086	1.128	1.146	1.061	8.14	
95)	TP	1,2,3-Trichlor...		0.199	0.204	0.195	0.193	0.201	0.203	0.213	0.201	3.24	
96)	TP	trans-1,4-Dich...		0.060	0.067	0.066	0.069	0.074	0.075	0.078	0.070	8.76	
97)	TP	4-Chlorotoluene		0.919	1.020	1.021	0.977	0.977	0.995	1.002	0.987	3.53	
98)	TP	tert-Butylbenzene		0.850	1.051	1.132	1.072	1.084	1.124	1.140	1.065	9.44	
101)	TP	1,2,4-Trimethy...		0.942	1.178	1.243	1.212	1.282	1.306	1.305	1.210	10.53	
102)	TP	sec-Butylbenzene		0.900	1.176	1.338	1.265	1.281	1.320	1.320	1.229	12.59	
103)	TP	p-Isopropyltol...		0.776	0.997	1.145	1.104	1.143	1.178	1.174	1.074	13.50	
104)	TP	1,3-Dichlorobe...		0.723	0.799	0.746	0.714	0.715	0.723	0.724	0.735	4.11	
105)	TP	1,4-Dichlorobe...		0.782	0.805	0.753	0.721	0.713	0.724	0.724	0.746	4.73	
106)	TP	p-Diethylbenzene		0.450	0.555	0.647	0.639	0.667	0.696	0.703	0.622	14.53	
107)	TP	n-Butylbenzene		0.643	0.793	0.880	0.841	0.867	0.893	0.893	0.830	10.78	
108)	TP	1,2-Dichlorobe...		0.722	0.728	0.691	0.674	0.683	0.682	0.681	0.694	3.11	
109)	TP	1,2,4,5-Tetram...		0.639	0.802	0.983	1.041	1.099	1.119	1.120	0.972	18.98	
110)	TP	1,2-Dibromo-3-...		0.034	0.038	0.042	0.044	0.049	0.049	0.052	0.044	14.44	
111)	TP	1,3,5-Trichlor...		0.424	0.471	0.459	0.440	0.436	0.444	0.443	0.445	3.40	

Method Path : K:\VOA122\2025\250214BICAL\
Method File : V122_2501214B_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Feb 17 06:27:48 2025
Response Via : Initial Calibration

Calibration Files
L11 =V22250214B03.D L1 =V22250214B04.D L2 =V22250214B06.D L3 =V22250214B08.D L4 =V22250214B09.D
L6 =V22250214B10.D L8 =V22250214B11.D L10 =V22250214B12.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
112) TP	Hexachlorobuta...	0.127	0.129	0.134	0.123	0.122	0.131	0.135	0.129		3.96
113) TP	1,2,4-Trichlor...	0.407	0.398	0.416	0.410	0.411	0.414	0.419	0.411		1.67
114) TP	Naphthalene	0.773	0.777	0.886	0.957	0.986	0.970	0.972	0.903		10.31
115) TP	1,2,3-Trichlor...	0.330	0.354	0.372	0.364	0.364	0.369	0.368	0.360#		4.03

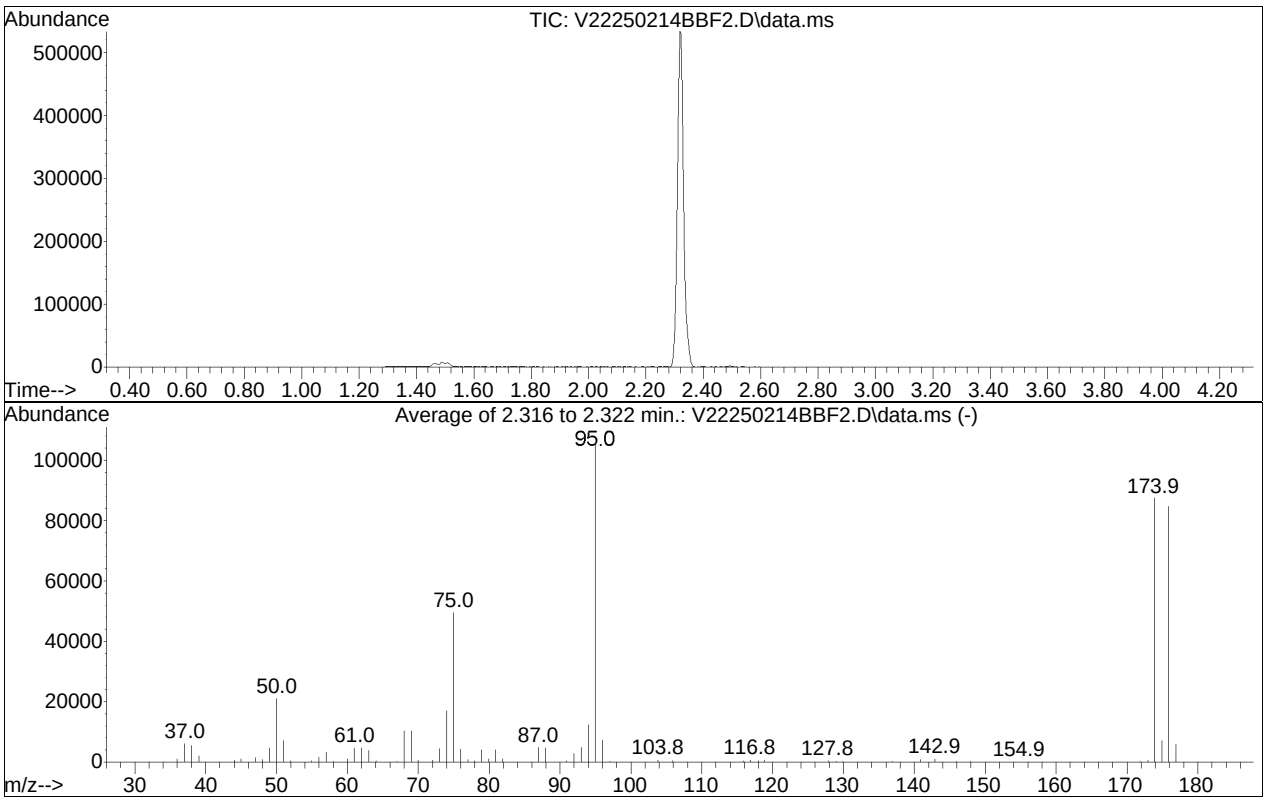
(#) = Out of Range

BFB

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214BBF2.D
Acq On : 14 Feb 2025 11:32 am
Operator : VOA122:PID
Sample : WG2030850-1
Misc : WG2030850
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Feb 17 06:27:48 2025



AutoFind: Scans 369, 370, 371; Background Corrected with Scan 355

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.9	21093	PASS
75	95	30	60	46.9	49608	PASS
95	95	100	100	100.0	105835	PASS
96	95	5	9	6.9	7300	PASS
173	174	0.00	2	0.8	673	PASS
174	95	50	100	82.7	87573	PASS
175	174	5	9	8.1	7110	PASS
176	174	95	101	96.8	84800	PASS
177	176	5	9	6.9	5854	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B03.D
Acq On : 14 Feb 2025 12:39 pm
Operator : VOA122:PID
Sample : I8260STD0.19PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 17 06:18:12 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-L11_NJnew - L11 new NJ

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.884	96	351551	10.000	ug/L	0.00
Standard Area 1 = 381716			Recovery = 92.10%			
62) Chlorobenzene-d5	9.414	117	284380	10.000	ug/L	0.00
Standard Area 1 = 302232			Recovery = 94.09%			
83) 1,4-Dichlorobenzene-d4	12.146	152	144530	10.000	ug/L	0.00
Standard Area 1 = 156852			Recovery = 92.14%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.076	113	109079	10.781	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.81%			
46) 1,2-Dichloroethane-d4	5.598	65	92954	10.317	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.17%			
63) Toluene-d8	7.576	98	360812	10.052	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.52%			
87) 4-Bromofluorobenzene	10.922	95	117213	9.968	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.68%			
Target Compounds						Qvalue
4) Vinyl chloride	1.836	62	1866	0.323	ug/L	98
36) Carbon tetrachloride	5.037	117	1507	0.236	ug/L #	68
44) Benzene	5.465	78	4091	0.254	ug/L #	84
47) 1,2-Dichloroethane	5.668	62	972	0.191	ug/L #	82
51) Trichloroethene	6.065	95	1473	0.294	ug/L	87
61) cis-1,3-Dichloropropene	7.360	75	807	0.139	ug/L	93
66) Tetrachloroethene	8.076	166	1339	0.260	ug/L	83
68) trans-1,3-Dichloropropene	8.111	75	616	0.126	ug/L	75
91) 1,1,2,2-Tetrachloroethane	11.174	83	642	0.168	ug/L #	87

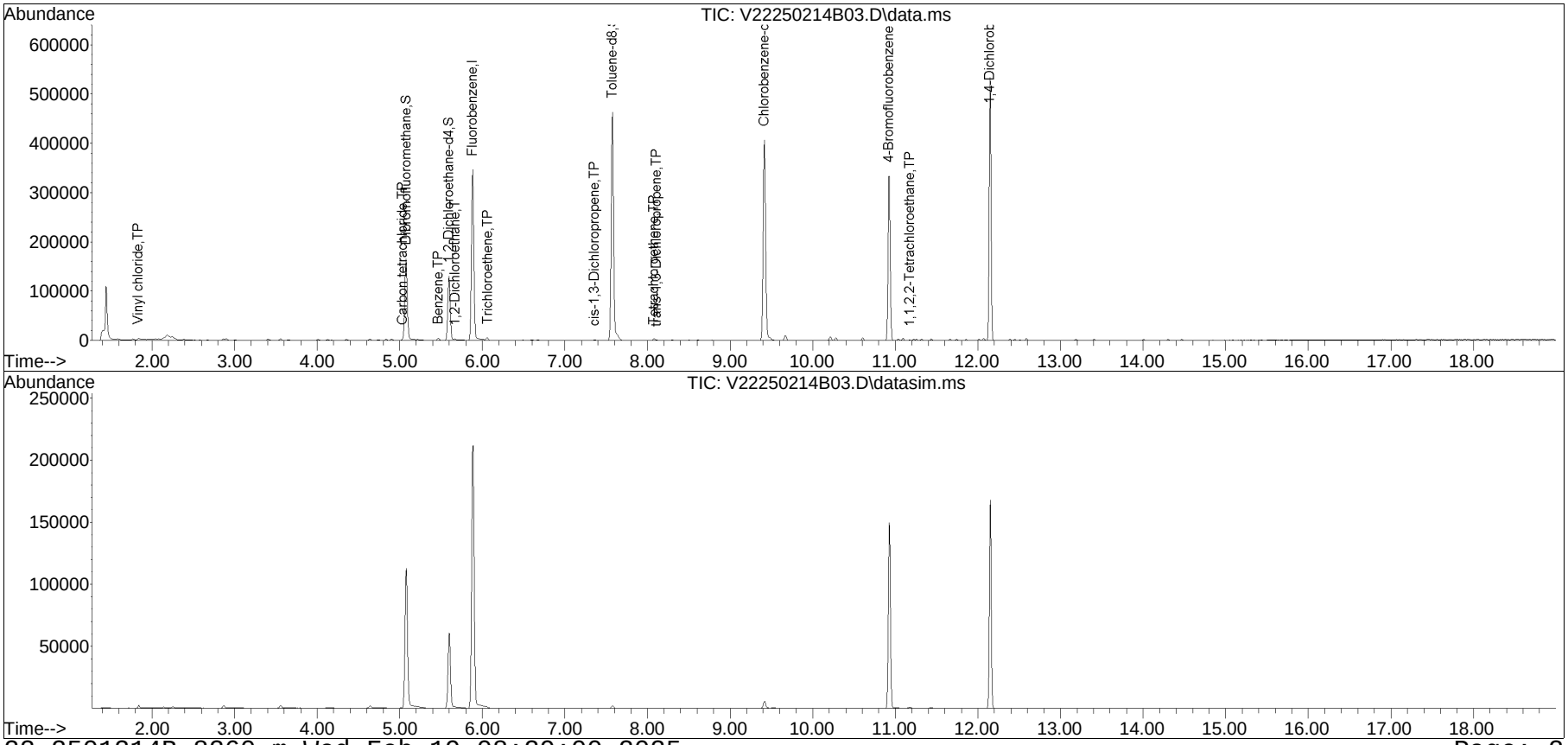
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B03.D
Acq On : 14 Feb 2025 12:39 pm
Operator : VOA122:PID
Sample : I8260STD0.19PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 17 06:18:12 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

Sub List : 8260-L11_NJnew - L11 new NJCAL\V22250214B08.D•



Manual Integration Report

Data Path	: K:\VOA122\2025\250214BICALQ	Method	: V122_2501214B_8260.m
Data File	: V22250214B03.D	Operator	: VOA122:PID
Date Inj'd	: 2/14/2025 12:39 pm	Instrument	: VOA 122
Sample	: I8260STD0.19PPB	Quant Date	: 2/17/2025 6:18 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B04.D
Acq On : 14 Feb 2025 01:03 pm
Operator : VOA122:PID
Sample : I8260STD0.5PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 17 06:18:20 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.884	96	337665	10.000 ug/L	0.00
Standard Area 1 = 381716			Recovery = 88.46%		
62) Chlorobenzene-d5	9.414	117	285574	10.000 ug/L	0.00
Standard Area 1 = 302232			Recovery = 94.49%		
83) 1,4-Dichlorobenzene-d4	12.146	152	145375	10.000 ug/L	0.00
Standard Area 1 = 156852			Recovery = 92.68%		
System Monitoring Compounds					
38) Dibromofluoromethane	5.076	113	107276	11.039 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.39%		
46) 1,2-Dichloroethane-d4	5.598	65	93057	10.753 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.53%		
63) Toluene-d8	7.576	98	357524	9.919 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.19%		
87) 4-Bromofluorobenzene	10.922	95	117897	9.968 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.68%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.585	85	2434	0.498 ug/L #	91
3) Chloromethane	1.765	50	2537	0.538 ug/L	98
4) Vinyl chloride	1.836	62	2639	0.475 ug/L	99
5) Bromomethane	2.142	94	1883	0.567 ug/L	100
6) Chloroethane	2.244	64	2071	0.623 ug/L	97
7) Trichlorofluoromethane	2.385	101	3270	0.524 ug/L	98
8) Ethyl ether	2.676	74	735	0.462 ug/L #	80
10) 1,1-Dichloroethene	2.864	96	1993	0.551 ug/L	94
11) Carbon disulfide	2.895	76	5291	0.508 ug/L	99
12) Freon-113	2.903	101	1950	0.503 ug/L	88
13) Iodomethane	2.997	142	1861	0.369 ug/L #	91
14) Acrolein	0.000		0	N.D.	
15) Methylene chloride	3.405	84	2672	0.623 ug/L	96
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	3.554	96	2108	0.517 ug/L	97
19) Methyl acetate	0.000		0	N.D. d	
21) Methyl tert-butyl ether	3.648	73	3609	0.468 ug/L	96
22) tert-Butyl alcohol	0.000		0	N.D. d	
24) Diisopropyl ether	4.009	45	5183	0.457 ug/L	94
25) 1,1-Dichloroethane	4.127	63	3931	0.552 ug/L	95
26) Halothane	4.182	117	1709	0.498 ug/L	84

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B04.D
Acq On : 14 Feb 2025 01:03 pm
Operator : VOA122:PID
Sample : I8260STD0.5PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 17 06:18:20 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) Acrylonitrile	4.174	53	415	0.468	ug/L	#	72
28) Ethyl tert-butyl ether	4.354	59	3657	0.397	ug/L		96
29) Vinyl acetate	0.000		0	N.D.	d		
30) cis-1,2-Dichloroethene	4.645	96	2426	0.527	ug/L		97
31) 2,2-Dichloropropane	4.739	77	2864	0.534	ug/L		96
32) Bromochloromethane	4.833	128	1398	0.585	ug/L		90
33) Cyclohexane	4.841	56	2427	0.388	ug/L		94
34) Chloroform	4.904	83	4183	0.572	ug/L		96
35) Ethyl acetate	0.000		0	N.D.	d		
36) Carbon tetrachloride	5.045	117	2754	0.450	ug/L	#	90
37) Tetrahydrofuran	0.000		0	N.D.	d		
39) 1,1,1-Trichloroethane	5.108	97	3154	0.503	ug/L	#	94
41) 2-Butanone	0.000		0	N.D.	d		
42) 1,1-Dichloropropene	5.225	75	2037	0.425	ug/L		95
44) Benzene	5.472	78	7373	0.476	ug/L		98
45) tert-Amyl methyl ether	5.577	73	3288	0.421	ug/L		90
47) 1,2-Dichloroethane	5.661	62	2797	0.572	ug/L		95
50) Methyl cyclohexane	6.059	83	1876	0.351	ug/L		89
51) Trichloroethene	6.066	95	2396	0.497	ug/L		90
53) Dibromomethane	6.491	93	1050	0.587	ug/L	#	89
54) 1,2-Dichloropropane	6.603	63	1766	0.461	ug/L		98
56) 2-Chloroethyl vinyl ether	7.305	63	536	0.355	ug/L	#	70
57) Bromodichloromethane	6.672	83	2673	0.488	ug/L	#	93
60) 1,4-Dioxane	6.881	88	2253	90.804	ug/L		98
61) cis-1,3-Dichloropropene	7.360	75	2437	0.436	ug/L		93
64) Toluene	7.631	92	5156	0.479	ug/L		94
65) 4-Methyl-2-pentanone	0.000		0	N.D.	d		
66) Tetrachloroethene	8.076	166	2282	0.441	ug/L		91
68) trans-1,3-Dichloropropene	8.104	75	1918	0.390	ug/L		99
70) Ethyl methacrylate	8.312	69	1098	0.376	ug/L		92
71) 1,1,2-Trichloroethane	8.298	83	1236	0.447	ug/L		95
72) Chlorodibromomethane	8.507	129	1793M6	0.402	ug/L		
73) 1,3-Dichloropropane	8.611	76	2342	0.430	ug/L		99
74) 1,2-Dibromoethane	8.778	107	1445	0.424	ug/L		98
76) 2-Hexanone	0.000		0	N.D.	d		
77) Chlorobenzene	9.435	112	7043	0.520	ug/L	#	66
78) Ethylbenzene	9.484	91	9257	0.452	ug/L		94
79) 1,1,1,2-Tetrachloroethane	9.519	131	1968	0.433	ug/L	#	61
80) p/m Xylene	9.674	106	6975	0.856	ug/L		97
81) o Xylene	10.214	106	6638	0.826	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B04.D
Acq On : 14 Feb 2025 01:03 pm
Operator : VOA122:PID
Sample : I8260STD0.5PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 17 06:18:20 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
82) Styrene	10.277	104	9761	0.744	ug/L		100
84) Bromoform	10.298	173	1100	0.410	ug/L		78
86) Isopropylbenzene	10.606	105	7667	0.394	ug/L		98
88) Bromobenzene	11.034	156	2787	0.509	ug/L		100
89) n-Propylbenzene	11.090	91	9651	0.441	ug/L		99
90) 1,4-Dichlorobutane	11.097	55	2096	0.427	ug/L		96
91) 1,1,2,2-Tetrachloroethane	11.174	83	1940	0.506	ug/L		91
92) 4-Ethyltoluene	11.223	105	7471	0.405	ug/L		97
93) 2-Chlorotoluene	11.258	91	6904M6	0.495	ug/L		
94) 1,3,5-Trimethylbenzene	11.322	105	6424	0.416	ug/L		95
95) 1,2,3-Trichloropropane	11.315	75	1450	0.496	ug/L		89
96) trans-1,4-Dichloro-2-b...	11.364	53	438	0.432	ug/L	#	61
97) 4-Chlorotoluene	11.441	91	6680	0.465	ug/L		98
98) tert-Butylbenzene	11.665	119	6175	0.399	ug/L		97
101) 1,2,4-Trimethylbenzene	11.742	105	6847	0.389	ug/L		98
102) sec-Butylbenzene	11.853	105	6542	0.366	ug/L		95
103) p-Isopropyltoluene	12.014	119	5644	0.362	ug/L		99
104) 1,3-Dichlorobenzene	12.069	146	5258	0.492	ug/L		99
105) 1,4-Dichlorobenzene	12.167	146	5684M4	0.524	ug/L		
106) p-Diethylbenzene	12.389	119	3270	0.361	ug/L		96
107) n-Butylbenzene	12.445	91	4677	0.388	ug/L		97
108) 1,2-Dichlorobenzene	12.584	146	5251	0.520	ug/L		98
109) 1,2,4,5-Tetramethylben...	13.190	119	4646	0.329	ug/L		98
110) 1,2-Dibromo-3-chloropr...	13.371	155	250	0.391	ug/L	#	75
111) 1,3,5-Trichlorobenzene	13.406	180	3083	0.476	ug/L		98
112) Hexachlorobutadiene	13.997	225	923	0.494	ug/L	#	84
113) 1,2,4-Trichlorobenzene	14.004	180	2955	0.495	ug/L		98
114) Naphthalene	14.297	128	5620	0.428	ug/L		100
115) 1,2,3-Trichlorobenzene	14.471	180	2397	0.458	ug/L		92

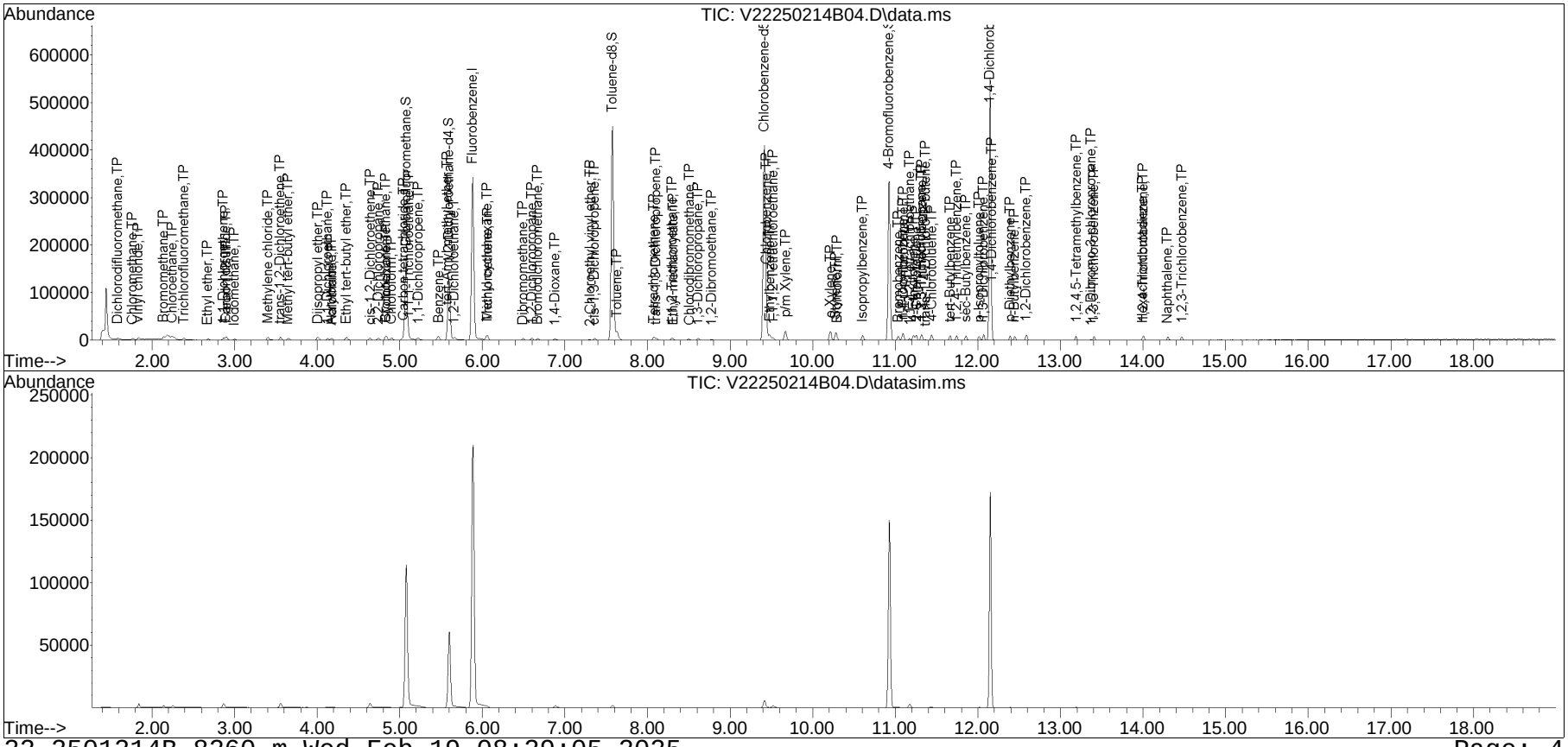
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B04.D
Acq On : 14 Feb 2025 01:03 pm
Operator : VOA122:PID
Sample : I8260STD0.5PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 17 06:18:20 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox\V22250214B08.D•

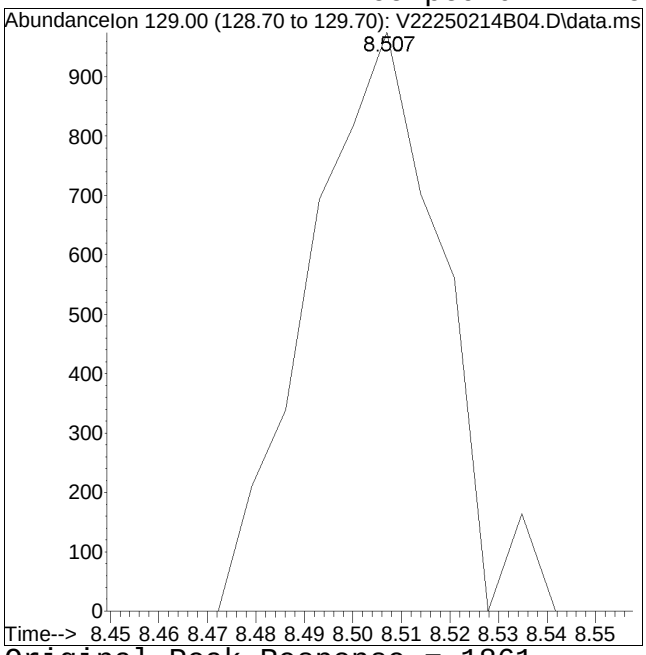


Manual Integration Report

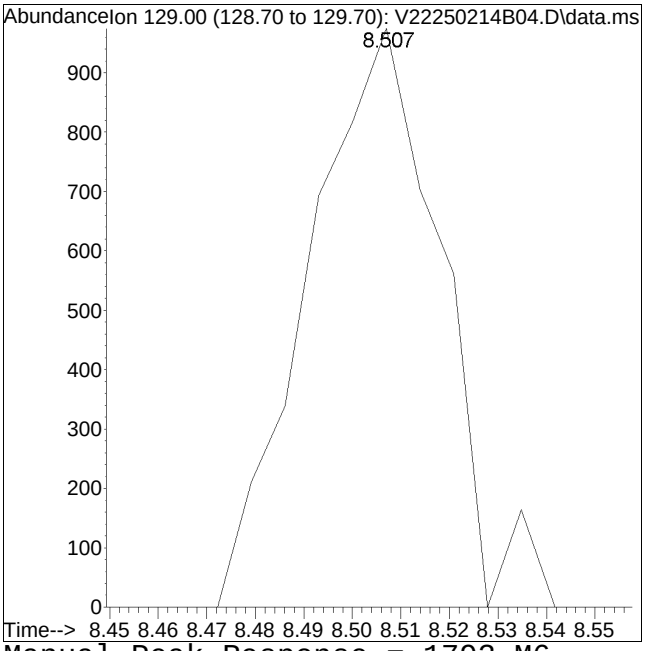
Data Path : K:\VOA122\2025\250214BICALQ
Data File : V22250214B04.D
Date Inj'd : 2/14/2025 1:03 pm
Sample : I8260STD0.5PPB

Method : V122_2501214B_8260.m
Operator : VOA122:PID
Instrument : VOA 122
Quant Date : 2/17/2025 6:18 am

Compound #72: Chlorodibromomethane



Original Peak Response = 1861



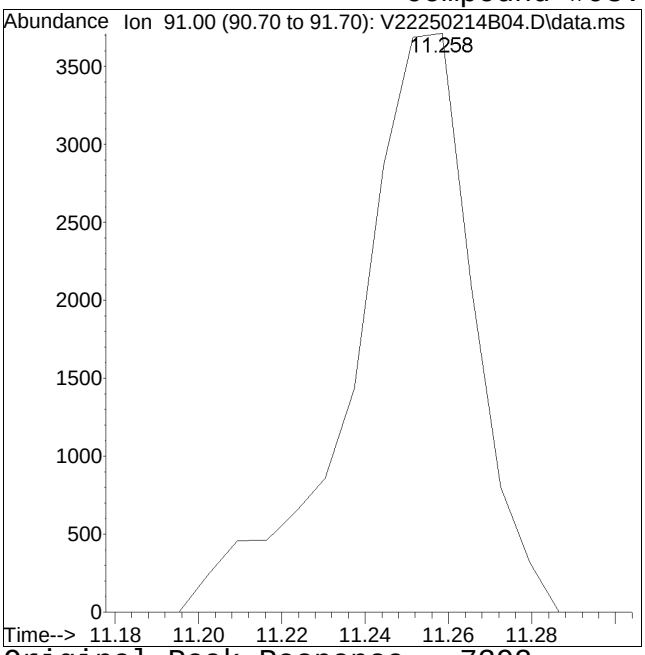
Manual Peak Response = 1793 M6

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

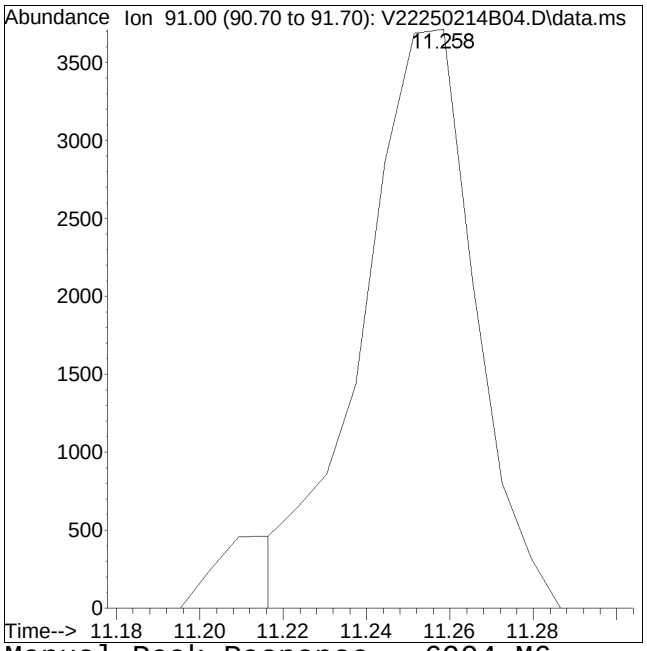
Manual Integration Report

Data Path : K:\VOA122\2025\250214BICALQMethod : V122_2501214B_8260.m
Data File : V22250214B04.D Operator : VOA122:PID
Date Inj'd : 2/14/2025 1:03 pm Instrument : VOA 122
Sample : I8260STD0.5PPB Quant Date : 2/17/2025 6:18 am

Compound #93: 2-Chlorotoluene



Original Peak Response = 7392



Manual Peak Response = 6904 M6

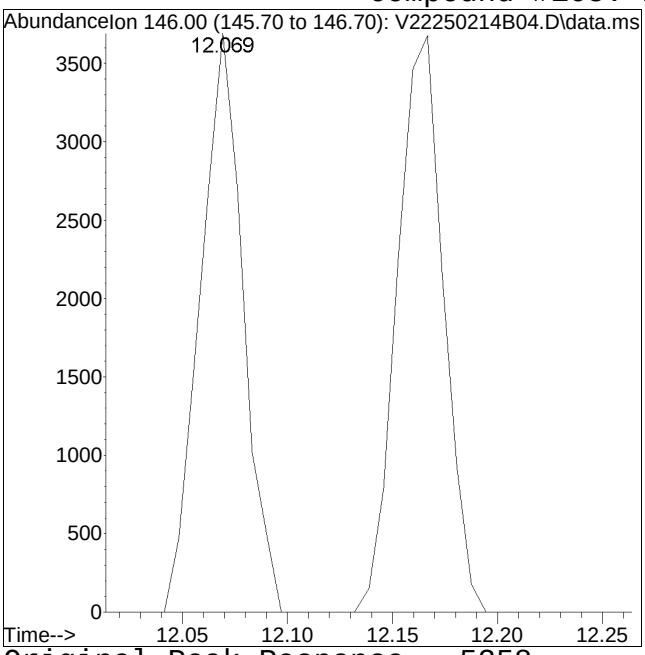
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

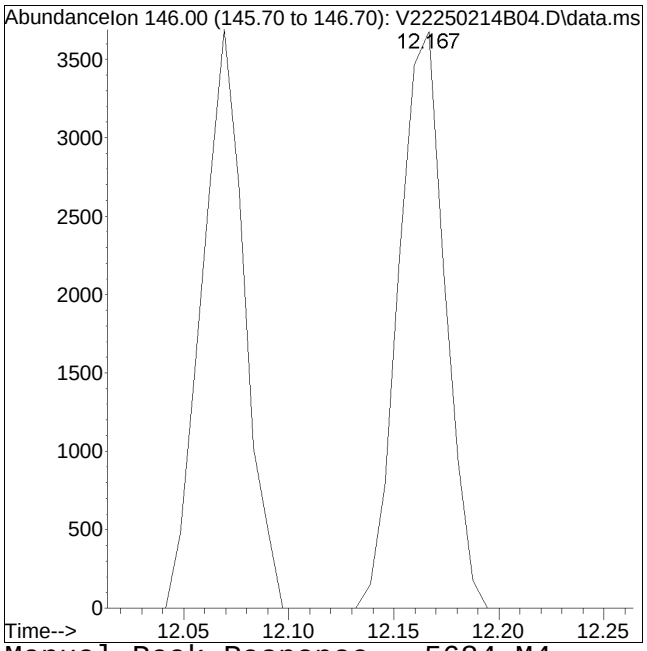
Data Path : K:\VOA122\2025\250214BICALQ
Data File : V22250214B04.D
Date Inj'd : 2/14/2025 1:03 pm
Sample : I8260STD0.5PPB

Method : V122_2501214B_8260.m
Operator : VOA122:PID
Instrument : VOA 122
Quant Date : 2/17/2025 6:18 am

Compound #105: 1,4-Dichlorobenzene



Original Peak Response = 5258



Manual Peak Response = 5684 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B06.D
Acq On : 14 Feb 2025 01:52 pm
Operator : VOA122:PID
Sample : I8260STD2.0PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 17 06:18:28 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.884	96	341144	10.000 ug/L	0.00
Standard Area 1 = 381716			Recovery = 89.37%		
62) Chlorobenzene-d5	9.414	117	287592	10.000 ug/L	0.00
Standard Area 1 = 302232			Recovery = 95.16%		
83) 1,4-Dichlorobenzene-d4	12.146	152	148107	10.000 ug/L	0.00
Standard Area 1 = 156852			Recovery = 94.42%		
System Monitoring Compounds					
38) Dibromofluoromethane	5.076	113	105393	10.735 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.35%		
46) 1,2-Dichloroethane-d4	5.598	65	92742	10.608 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.08%		
63) Toluene-d8	7.576	98	359020	9.891 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.91%		
87) 4-Bromofluorobenzene	10.929	95	119995	9.958 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.58%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.585	85	11092	2.247 ug/L	99
3) Chloromethane	1.765	50	11674	2.449 ug/L	98
4) Vinyl chloride	1.836	62	11748	2.094 ug/L	98
5) Bromomethane	2.134	94	8309	2.474 ug/L	92
6) Chloroethane	2.252	64	8408	2.504 ug/L	100
7) Trichlorofluoromethane	2.385	101	13863	2.197 ug/L	96
8) Ethyl ether	2.676	74	3673	2.285 ug/L	95
10) 1,1-Dichloroethene	2.864	96	7868	2.152 ug/L	96
11) Carbon disulfide	2.895	76	25160	2.389 ug/L	99
12) Freon-113	2.903	101	8702	2.220 ug/L	98
13) Iodomethane	2.997	142	10405	2.040 ug/L	97
14) Acrolein	3.178	56	761	1.862 ug/L	85
15) Methylene chloride	3.405	84	10071	2.324 ug/L	99
17) Acetone	3.437	43	1869	2.459 ug/L #	90
18) trans-1,2-Dichloroethene	3.554	96	9746	2.364 ug/L	97
19) Methyl acetate	3.562	43	4177	2.303 ug/L	94
21) Methyl tert-butyl ether	3.648	73	15078	1.937 ug/L	99
22) tert-Butyl alcohol	3.735	59	1685	9.103 ug/L #	83
24) Diisopropyl ether	4.009	45	21623	1.888 ug/L	97
25) 1,1-Dichloroethane	4.127	63	16224	2.257 ug/L	98
26) Halothane	4.182	117	7703	2.223 ug/L	99

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B06.D
Acq On : 14 Feb 2025 01:52 pm
Operator : VOA122:PID
Sample : I8260STD2.0PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 17 06:18:28 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) Acrylonitrile	4.166	53	1967	2.194	ug/L		99
28) Ethyl tert-butyl ether	4.354	59	16841	1.811	ug/L		99
29) Vinyl acetate	4.354	43	12786	1.700	ug/L		98
30) cis-1,2-Dichloroethene	4.637	96	10977	2.360	ug/L		98
31) 2,2-Dichloropropane	4.739	77	12133	2.237	ug/L		95
32) Bromochloromethane	4.825	128	5574	2.308	ug/L		97
33) Cyclohexane	4.841	56	12184	1.929	ug/L		94
34) Chloroform	4.904	83	17713	2.397	ug/L		99
35) Ethyl acetate	5.013	43	4423	1.786	ug/L	#	91
36) Carbon tetrachloride	5.037	117	12957	2.095	ug/L		96
37) Tetrahydrofuran	5.053	42	1399M6	1.982	ug/L		
39) 1,1,1-Trichloroethane	5.100	97	13907	2.194	ug/L		97
41) 2-Butanone	5.186	43	2176	1.943	ug/L	#	64
42) 1,1-Dichloropropene	5.225	75	9303	1.920	ug/L		95
44) Benzene	5.465	78	31604	2.019	ug/L		99
45) tert-Amyl methyl ether	5.584	73	13976	1.773	ug/L		96
47) 1,2-Dichloroethane	5.668	62	11169	2.261	ug/L		100
50) Methyl cyclohexane	6.052	83	9657	1.788	ug/L		99
51) Trichloroethene	6.059	95	9204	1.892	ug/L		97
53) Dibromomethane	6.491	93	4154	2.299	ug/L		98
54) 1,2-Dichloropropane	6.596	63	8049	2.082	ug/L		100
56) 2-Chloroethyl vinyl ether	7.298	63	2422	1.587	ug/L		98
57) Bromodichloromethane	6.672	83	11678	2.111	ug/L		98
60) 1,4-Dioxane	6.881	88	9351	373.037	ug/L		97
61) cis-1,3-Dichloropropene	7.360	75	10665	1.887	ug/L		98
64) Toluene	7.631	92	23259	2.145	ug/L		98
65) 4-Methyl-2-pentanone	8.069	58	1197	1.475	ug/L		89
66) Tetrachloroethene	8.083	166	9779	1.875	ug/L		99
68) trans-1,3-Dichloropropene	8.104	75	8469	1.710	ug/L		96
70) Ethyl methacrylate	8.312	69	4709	1.600	ug/L		95
71) 1,1,2-Trichloroethane	8.292	83	5267	1.893	ug/L		100
72) Chlorodibromomethane	8.507	129	8124	1.809	ug/L		99
73) 1,3-Dichloropropane	8.618	76	10352	1.888	ug/L		99
74) 1,2-Dibromoethane	8.778	107	6173	1.800	ug/L		97
76) 2-Hexanone	9.078	43	2258	1.564	ug/L	#	87
77) Chlorobenzene	9.435	112	30237	2.218	ug/L		97
78) Ethylbenzene	9.484	91	41926	2.033	ug/L		98
79) 1,1,1,2-Tetrachloroethane	9.526	131	8577	1.876	ug/L		100
80) p/m Xylene	9.674	106	32818	3.999	ug/L		100
81) o Xylene	10.214	106	32153	3.972	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B06.D
Acq On : 14 Feb 2025 01:52 pm
Operator : VOA122:PID
Sample : I8260STD2.0PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 17 06:18:28 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Styrene	10.284	104	47783	3.617	ug/L	100
84) Bromoform	10.298	173	4847	1.774	ug/L	96
86) Isopropylbenzene	10.606	105	39817	2.007	ug/L	99
88) Bromobenzene	11.041	156	11733	2.105	ug/L	94
89) n-Propylbenzene	11.090	91	44529	1.997	ug/L	99
90) 1,4-Dichlorobutane	11.097	55	9820	1.963	ug/L	97
91) 1,1,2,2-Tetrachloroethane	11.174	83	8083	2.070	ug/L	98
92) 4-Ethyltoluene	11.223	105	36419	1.938	ug/L	99
93) 2-Chlorotoluene	11.251	91	30573M6	2.150	ug/L	
94) 1,3,5-Trimethylbenzene	11.322	105	30970	1.970	ug/L	99
95) 1,2,3-Trichloropropane	11.308	75	6047	2.030	ug/L	97
96) trans-1,4-Dichloro-2-b...	11.364	53	1971	1.908	ug/L	92
97) 4-Chlorotoluene	11.441	91	30204	2.066	ug/L	99
98) tert-Butylbenzene	11.665	119	31131	1.974	ug/L	99
101) 1,2,4-Trimethylbenzene	11.742	105	34906	1.948	ug/L	98
102) sec-Butylbenzene	11.853	105	34843	1.915	ug/L	99
103) p-Isopropyltoluene	12.014	119	29523	1.856	ug/L	98
104) 1,3-Dichlorobenzene	12.069	146	23682	2.175	ug/L	98
105) 1,4-Dichlorobenzene	12.167	146	23832	2.157	ug/L	96
106) p-Diethylbenzene	12.389	119	16446	1.784	ug/L	98
107) n-Butylbenzene	12.445	91	23499	1.912	ug/L	99
108) 1,2-Dichlorobenzene	12.591	146	21562	2.096	ug/L	98
109) 1,2,4,5-Tetramethylben...	13.190	119	23769	1.651	ug/L	99
110) 1,2-Dibromo-3-chloropr...	13.371	155	1115	1.712	ug/L	98
111) 1,3,5-Trichlorobenzene	13.406	180	13937	2.113	ug/L	98
112) Hexachlorobutadiene	13.990	225	3819	2.006	ug/L	94
113) 1,2,4-Trichlorobenzene	14.004	180	11796	1.940	ug/L	96
114) Naphthalene	14.304	128	23024	1.721	ug/L	100
115) 1,2,3-Trichlorobenzene	14.471	180	10497	1.968	ug/L	91

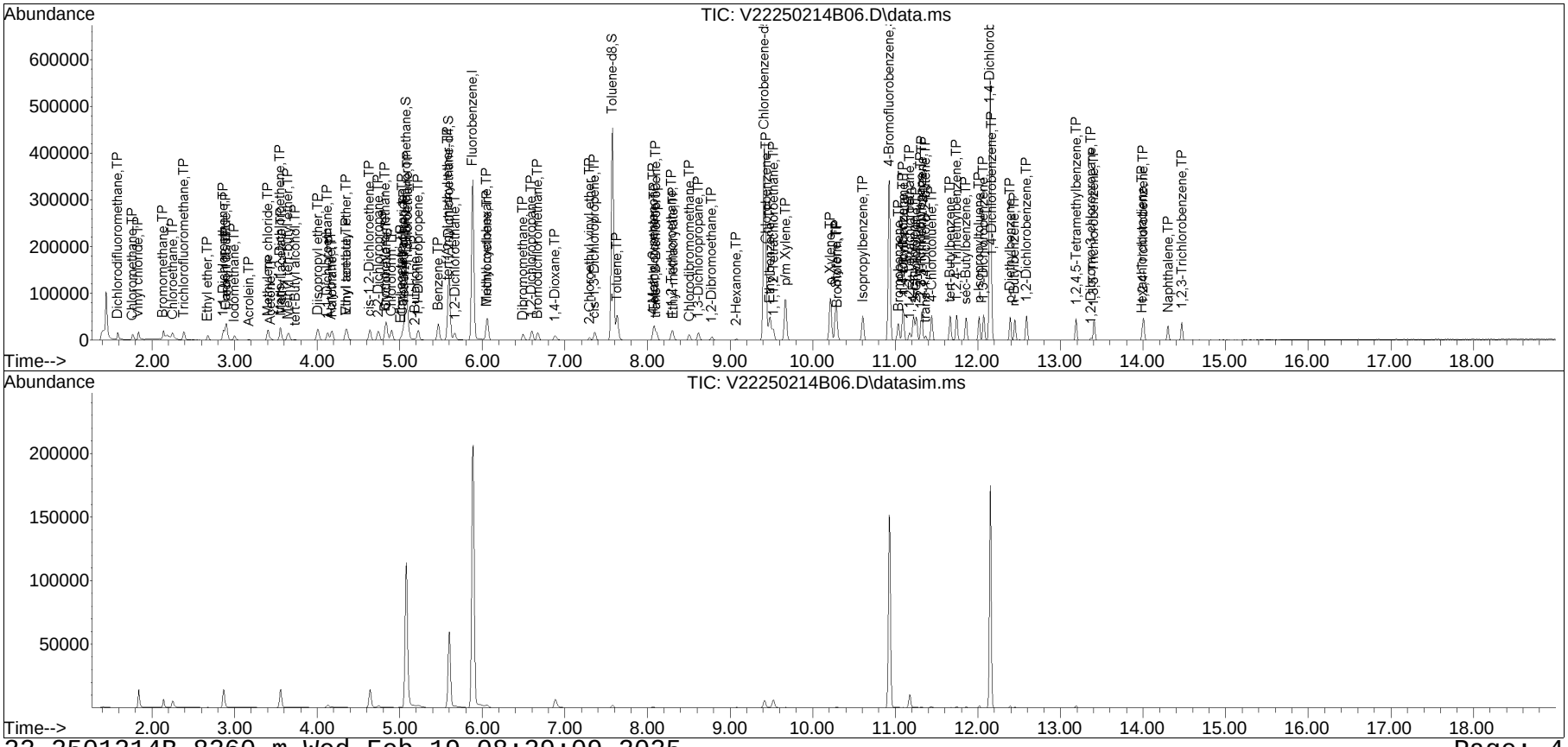
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B06.D
Acq On : 14 Feb 2025 01:52 pm
Operator : VOA122:PID
Sample : I8260STD2.0PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 17 06:18:28 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox\V22250214B08.D•

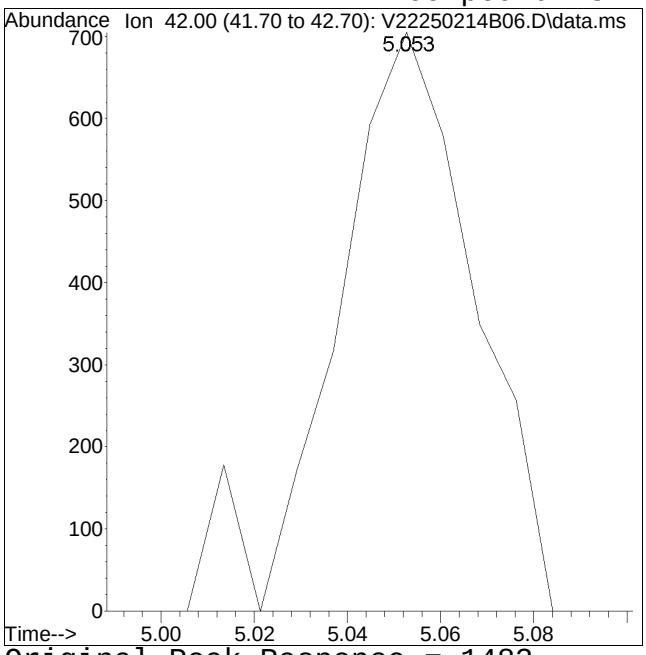


Manual Integration Report

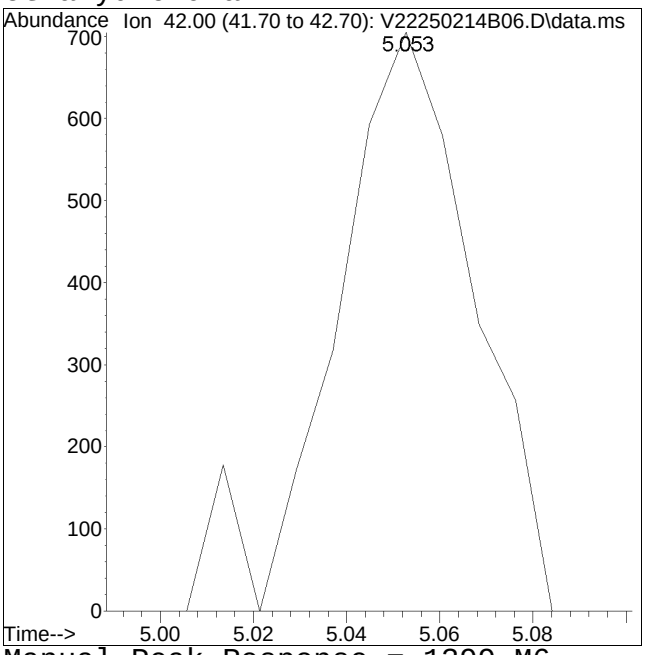
Data Path : K:\VOA122\2025\250214BICALQ
Data File : V22250214B06.D
Date Inj'd : 2/14/2025 1:52 pm
Sample : I8260STD2.0PPB

Method : V122_2501214B_8260.m
Operator : VOA122:PID
Instrument : VOA 122
Quant Date : 2/17/2025 6:18 am

Compound #37: Tetrahydrofuran



Original Peak Response = 1483



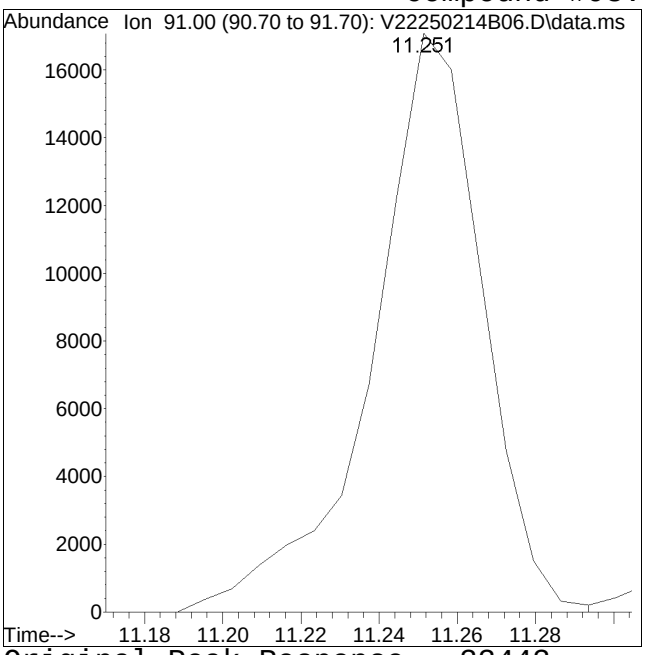
Manual Peak Response = 1399 M6

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

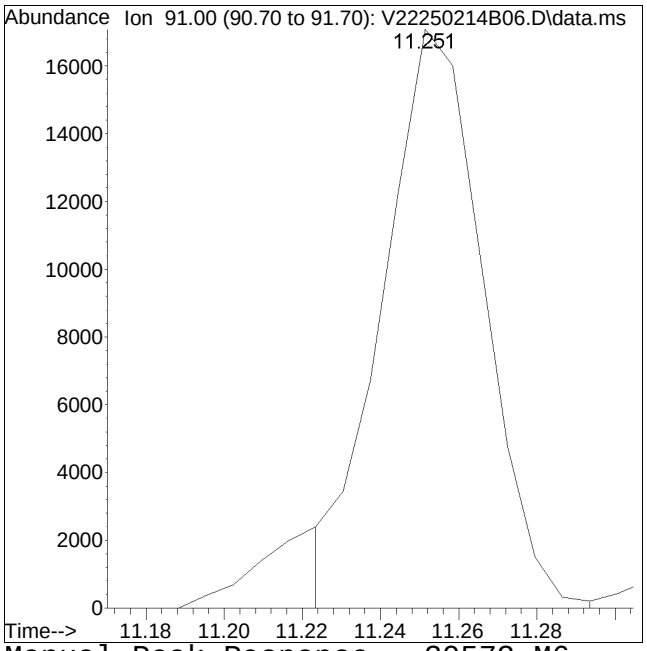
Manual Integration Report

Data Path : K:\VOA122\2025\250214BICALQMethod : V122_2501214B_8260.m
Data File : V22250214B06.D Operator : VOA122:PID
Date Inj'd : 2/14/2025 1:52 pm Instrument : VOA 122
Sample : I8260STD2.0PPB Quant Date : 2/17/2025 6:18 am

Compound #93: 2-Chlorotoluene



Original Peak Response = 33443



Manual Peak Response = 30573 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B08.D
Acq On : 14 Feb 2025 02:40 pm
Operator : VOA122:PID
Sample : I8260STD10PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 17 06:18:36 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.884	96	381716	10.000	ug/L	0.00
Standard Area 1 = 381716			Recovery = 100.00%			
62) Chlorobenzene-d5	9.414	117	302232	10.000	ug/L	0.00
Standard Area 1 = 302232			Recovery = 100.00%			
83) 1,4-Dichlorobenzene-d4	12.146	152	156852	10.000	ug/L	0.00
Standard Area 1 = 156852			Recovery = 100.00%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.076	113	108560	9.882	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.82%			
46) 1,2-Dichloroethane-d4	5.598	65	94355	9.645	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.45%			
63) Toluene-d8	7.576	98	386136	10.123	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.23%			
87) 4-Bromofluorobenzene	10.922	95	127815	10.015	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.15%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.585	85	62466	11.310	ug/L	100
3) Chloromethane	1.766	50	56301	10.553	ug/L	100
4) Vinyl chloride	1.836	62	62266	9.919	ug/L	100
5) Bromomethane	2.142	94	36656	9.756	ug/L	100
6) Chloroethane	2.252	64	39638	10.552	ug/L	100
7) Trichlorofluoromethane	2.385	101	77958	11.041	ug/L	100
8) Ethyl ether	2.676	74	17552	9.760	ug/L	100
10) 1,1-Dichloroethene	2.864	96	43375	10.605	ug/L	100
11) Carbon disulfide	2.895	76	126781	10.758	ug/L	100
12) Freon-113	2.903	101	47789	10.895	ug/L	100
13) Iodomethane	2.997	142	62047	10.870	ug/L	100
14) Acrolein	3.170	56	3796	8.299	ug/L	100
15) Methylene chloride	3.405	84	49062	10.119	ug/L	100
17) Acetone	3.437	43	8605	10.117	ug/L	100
18) trans-1,2-Dichloroethene	3.554	96	48280	10.467	ug/L	100
19) Methyl acetate	3.562	43	19530	9.625	ug/L	100
21) Methyl tert-butyl ether	3.656	73	82775	9.503	ug/L	100
22) tert-Butyl alcohol	3.735	59	9297	44.890	ug/L	100
24) Diisopropyl ether	4.009	45	121967	9.519	ug/L	100
25) 1,1-Dichloroethane	4.127	63	81971	10.190	ug/L	100
26) Halothane	4.182	117	41317	10.656	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B08.D
Acq On : 14 Feb 2025 02:40 pm
Operator : VOA122:PID
Sample : I8260STD10PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 17 06:18:36 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.166	53	9831	9.801	ug/L	100
28) Ethyl tert-butyl ether	4.355	59	97949	9.415	ug/L	100
29) Vinyl acetate	4.362	43	73925	8.783	ug/L	100
30) cis-1,2-Dichloroethene	4.645	96	53526	10.284	ug/L	100
31) 2,2-Dichloropropane	4.739	77	61901	10.201	ug/L	100
32) Bromochloromethane	4.833	128	27688	10.248	ug/L	100
33) Cyclohexane	4.841	56	78369	11.089	ug/L	100
34) Chloroform	4.904	83	81236	9.825	ug/L	100
35) Ethyl acetate	5.014	43	25455	9.187	ug/L	100
36) Carbon tetrachloride	5.037	117	72622	10.496	ug/L	100
37) Tetrahydrofuran	5.053	42	7958M6	10.079	ug/L	
39) 1,1,1-Trichloroethane	5.100	97	74389	10.490	ug/L	100
41) 2-Butanone	5.186	43	11540	9.211	ug/L	100
42) 1,1-Dichloropropene	5.225	75	57029	10.521	ug/L	100
44) Benzene	5.465	78	169242	9.664	ug/L	100
45) tert-Amyl methyl ether	5.584	73	78463	8.896	ug/L	100
47) 1,2-Dichloroethane	5.668	62	53675	9.711	ug/L	100
50) Methyl cyclohexane	6.059	83	63976	10.585	ug/L	100
51) Trichloroethene	6.059	95	50275	9.234	ug/L	100
53) Dibromomethane	6.492	93	19439	9.614	ug/L	100
54) 1,2-Dichloropropane	6.603	63	43236	9.994	ug/L	100
56) 2-Chloroethyl vinyl ether	7.298	63	15143	8.867	ug/L	100
57) Bromodichloromethane	6.672	83	60213	9.730	ug/L	100
60) 1,4-Dioxane	6.881	88	13300	474.179	ug/L	100
61) cis-1,3-Dichloropropene	7.360	75	63851	10.098	ug/L	100
64) Toluene	7.631	92	116546	10.226	ug/L	100
65) 4-Methyl-2-pentanone	8.062	58	7026	8.237	ug/L	100
66) Tetrachloroethene	8.076	166	54234	9.893	ug/L	100
68) trans-1,3-Dichloropropene	8.111	75	51988	9.990	ug/L	100
70) Ethyl methacrylate	8.313	69	27792	8.987	ug/L	100
71) 1,1,2-Trichloroethane	8.292	83	28388	9.709	ug/L	100
72) Chlorodibromomethane	8.507	129	45233	9.586	ug/L	100
73) 1,3-Dichloropropane	8.618	76	58056	10.076	ug/L	100
74) 1,2-Dibromoethane	8.778	107	35127	9.744	ug/L	100
76) 2-Hexanone	9.071	43	12765	8.416	ug/L	100
77) Chlorobenzene	9.435	112	143783	10.036	ug/L	100
78) Ethylbenzene	9.484	91	224521	10.360	ug/L	100
79) 1,1,1,2-Tetrachloroethane	9.519	131	46086	9.590	ug/L	100
80) p/m Xylene	9.667	106	180554	20.937	ug/L	100
81) o Xylene	10.214	106	171700	20.183	ug/L	100

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B08.D
Acq On : 14 Feb 2025 02:40 pm
Operator : VOA122:PID
Sample : I8260STD10PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 17 06:18:36 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Styrene	10.284	104	282553	20.354	ug/L	100
84) Bromoform	10.298	173	26030	8.994	ug/L	100
86) Isopropylbenzene	10.606	105	223777	10.653	ug/L	100
88) Bromobenzene	11.041	156	59931	10.152	ug/L	100
89) n-Propylbenzene	11.090	91	248783	10.538	ug/L	100
90) 1,4-Dichlorobutane	11.097	55	51758	9.769	ug/L	100
91) 1,1,2,2-Tetrachloroethane	11.174	83	40384	9.764	ug/L	100
92) 4-Ethyltoluene	11.217	105	212658	10.687	ug/L	100
93) 2-Chlorotoluene	11.252	91	158344M6	10.515	ug/L	
94) 1,3,5-Trimethylbenzene	11.322	105	170840	10.261	ug/L	100
95) 1,2,3-Trichloropropane	11.308	75	30635	9.712	ug/L	100
96) trans-1,4-Dichloro-2-b...	11.364	53	10276	9.395	ug/L	100
97) 4-Chlorotoluene	11.441	91	160069	10.338	ug/L	100
98) tert-Butylbenzene	11.665	119	177523	10.631	ug/L	100
101) 1,2,4-Trimethylbenzene	11.742	105	194960	10.274	ug/L	100
102) sec-Butylbenzene	11.854	105	209848	10.890	ug/L	100
103) p-Isopropyltoluene	12.014	119	179552	10.659	ug/L	100
104) 1,3-Dichlorobenzene	12.069	146	117040	10.150	ug/L	100
105) 1,4-Dichlorobenzene	12.167	146	118108	10.095	ug/L	100
106) p-Diethylbenzene	12.390	119	101518	10.398	ug/L	100
107) n-Butylbenzene	12.445	91	138057	10.604	ug/L	100
108) 1,2-Dichlorobenzene	12.591	146	108313	9.944	ug/L	100
109) 1,2,4,5-Tetramethylben...	13.190	119	154242	10.116	ug/L	100
110) 1,2-Dibromo-3-chloropr...	13.371	155	6633	9.617	ug/L	100
111) 1,3,5-Trichlorobenzene	13.406	180	71947	10.301	ug/L	100
112) Hexachlorobutadiene	13.991	225	21058	10.443	ug/L	100
113) 1,2,4-Trichlorobenzene	14.005	180	65223	10.128	ug/L	100
114) Naphthalene	14.297	128	138948	9.810	ug/L	100
115) 1,2,3-Trichlorobenzene	14.471	180	58297	10.319	ug/L	100

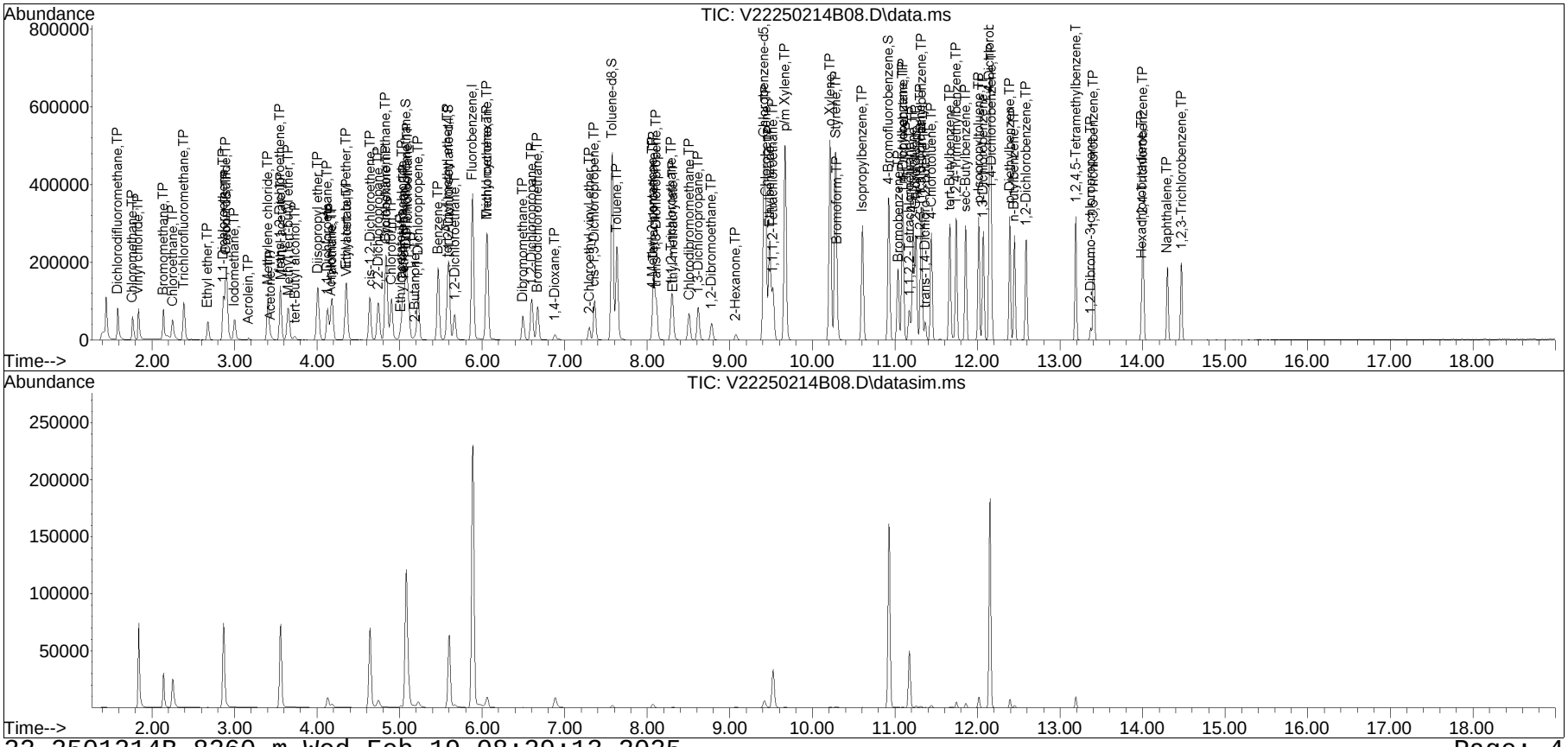
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B08.D
Acq On : 14 Feb 2025 02:40 pm
Operator : VOA122:PID
Sample : I8260STD10PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 17 06:18:36 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox\V22250214B08.D•

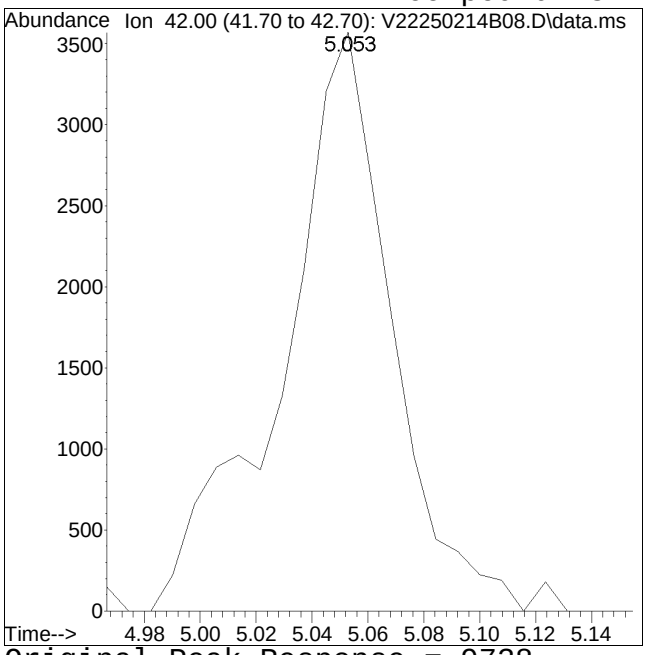


Manual Integration Report

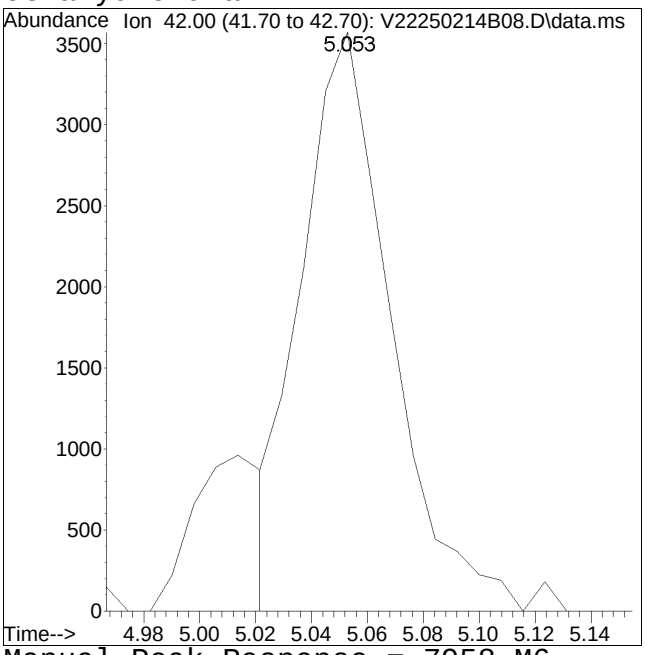
Data Path : K:\VOA122\2025\250214BICALQ
Data File : V22250214B08.D
Date Inj'd : 2/14/2025 2:40 pm
Sample : I8260STD10PPB

Method : V122_2501214B_8260.m
Operator : VOA122:PID
Instrument : VOA 122
Quant Date : 2/17/2025 6:18 am

Compound #37: Tetrahydrofuran



Original Peak Response = 9738



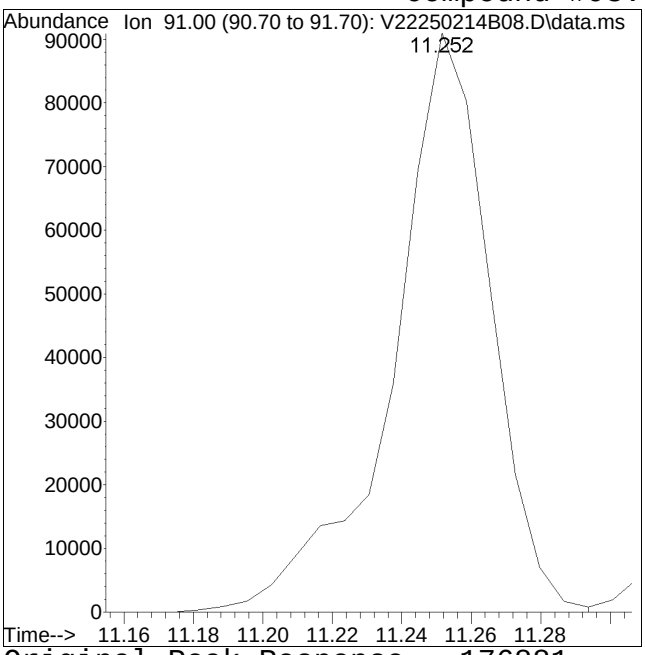
Manual Peak Response = 7958 M6

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

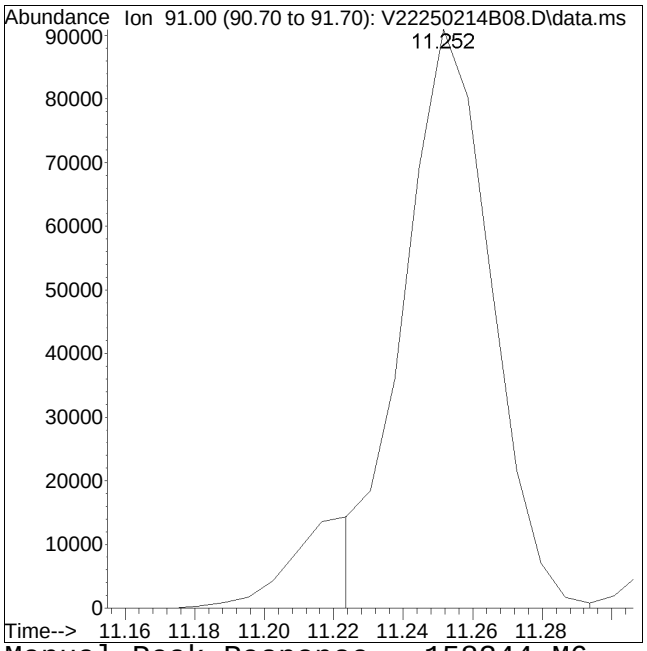
Manual Integration Report

Data Path : K:\VOA122\2025\250214BICALQMethod : V122_2501214B_8260.m
Data File : V22250214B08.D Operator : VOA122:PID
Date Inj'd : 2/14/2025 2:40 pm Instrument : VOA 122
Sample : I8260STD10PPB Quant Date : 2/17/2025 6:18 am

Compound #93: 2-Chlorotoluene



Original Peak Response = 176881



Manual Peak Response = 158344 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B09.D
Acq On : 14 Feb 2025 03:05 pm
Operator : VOA122:PID
Sample : I8260STD30PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 17 06:18:43 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.884	96	415248	10.000	ug/L	0.00
Standard Area 1 = 381716			Recovery = 108.78%			
62) Chlorobenzene-d5	9.414	117	320865	10.000	ug/L	0.00
Standard Area 1 = 302232			Recovery = 106.17%			
83) 1,4-Dichlorobenzene-d4	12.146	152	171388	10.000	ug/L	0.00
Standard Area 1 = 156852			Recovery = 109.27%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.076	113	112418	9.407	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.07%			
46) 1,2-Dichloroethane-d4	5.598	65	101947	9.579	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.79%			
63) Toluene-d8	7.576	98	406663	10.042	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.42%			
87) 4-Bromofluorobenzene	10.922	95	139083	9.974	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.74%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.585	85	172716	28.746	ug/L	98
3) Chloromethane	1.766	50	164367	28.322	ug/L	99
4) Vinyl chloride	1.836	62	175246	25.662	ug/L	99
5) Bromomethane	2.142	94	105049	25.700	ug/L	98
6) Chloroethane	2.252	64	115081	28.161	ug/L	98
7) Trichlorofluoromethane	2.385	101	217573	28.325	ug/L	99
8) Ethyl ether	2.676	74	56140	28.695	ug/L	98
10) 1,1-Dichloroethene	2.864	96	124031	27.876	ug/L	99
11) Carbon disulfide	2.895	76	357356	27.874	ug/L	99
12) Freon-113	2.903	101	136157	28.534	ug/L	99
13) Iodomethane	3.005	142	190906	30.743	ug/L	98
14) Acrolein	3.170	56	14983	30.113	ug/L	89
15) Methylene chloride	3.405	84	144121	27.326	ug/L	99
17) Acetone	3.437	43	25156	27.187	ug/L	95
18) trans-1,2-Dichloroethene	3.554	96	138536	27.609	ug/L	98
19) Methyl acetate	3.554	43	61694	27.948	ug/L	97
21) Methyl tert-butyl ether	3.648	73	278543	29.395	ug/L	97
22) tert-Butyl alcohol	3.735	59	32092	142.440	ug/L	89
24) Diisopropyl ether	4.009	45	416630	29.889	ug/L	98
25) 1,1-Dichloroethane	4.127	63	247917	28.330	ug/L	99
26) Halothane	4.182	117	119407	28.309	ug/L	98

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B09.D
Acq On : 14 Feb 2025 03:05 pm
Operator : VOA122:PID
Sample : I8260STD30PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 17 06:18:43 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.166	53	31245	28.634	ug/L	98
28) Ethyl tert-butyl ether	4.354	59	341491	30.173	ug/L	97
29) Vinyl acetate	4.354	43	271694	29.674	ug/L	99
30) cis-1,2-Dichloroethene	4.637	96	160519	28.351	ug/L	99
31) 2,2-Dichloropropane	4.739	77	186455	28.245	ug/L	97
32) Bromochloromethane	4.833	128	83550	28.426	ug/L	98
33) Cyclohexane	4.841	56	226337	29.440	ug/L	95
34) Chloroform	4.904	83	245908	27.340	ug/L	99
35) Ethyl acetate	5.014	43	89814	29.796	ug/L	99
36) Carbon tetrachloride	5.037	117	206917	27.490	ug/L	98
37) Tetrahydrofuran	5.053	42	23968M6	27.903	ug/L	
39) 1,1,1-Trichloroethane	5.108	97	221893	28.764	ug/L	100
41) 2-Butanone	5.186	43	39834	29.227	ug/L	97
42) 1,1-Dichloropropene	5.225	75	186407	31.613	ug/L	100
44) Benzene	5.465	78	532021	27.925	ug/L	99
45) tert-Amyl methyl ether	5.584	73	282366	29.428	ug/L	96
47) 1,2-Dichloroethane	5.668	62	169730	28.229	ug/L	98
50) Methyl cyclohexane	6.059	83	194670	29.607	ug/L	98
51) Trichloroethene	6.059	95	157062	26.518	ug/L	99
53) Dibromomethane	6.491	93	61828	28.110	ug/L	96
54) 1,2-Dichloropropane	6.603	63	140876	29.935	ug/L	98
56) 2-Chloroethyl vinyl ether	7.298	63	58274	31.368	ug/L	97
57) Bromodichloromethane	6.672	83	197499	29.337	ug/L	99
60) 1,4-Dioxane	6.881	88	19043	624.107	ug/L	99
61) cis-1,3-Dichloropropene	7.360	75	219355	31.889	ug/L	98
64) Toluene	7.631	92	355092	29.348	ug/L	100
65) 4-Methyl-2-pentanone	8.062	58	25798	28.487	ug/L	99
66) Tetrachloroethene	8.083	166	162405	27.906	ug/L	99
68) trans-1,3-Dichloropropene	8.111	75	184813	33.451	ug/L	98
70) Ethyl methacrylate	8.312	69	100664	30.663	ug/L	94
71) 1,1,2-Trichloroethane	8.299	83	94837	30.551	ug/L	99
72) Chlorodibromomethane	8.507	129	155025	30.947	ug/L	99
73) 1,3-Dichloropropane	8.618	76	188115	30.753	ug/L	98
74) 1,2-Dibromoethane	8.778	107	118735	31.024	ug/L	99
76) 2-Hexanone	9.071	43	46213	28.699	ug/L	97
77) Chlorobenzene	9.435	112	437045	28.735	ug/L	99
78) Ethylbenzene	9.484	91	694139	30.169	ug/L	100
79) 1,1,1,2-Tetrachloroethane	9.519	131	154514	30.285	ug/L	99
80) p/m Xylene	9.674	106	553577	60.466	ug/L	99
81) o Xylene	10.214	106	549529	60.845	ug/L	98

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B09.D
Acq On : 14 Feb 2025 03:05 pm
Operator : VOA122:PID
Sample : I8260STD30PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 17 06:18:43 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Styrene	10.284	104	927665	62.944	ug/L	99
84) Bromoform	10.298	173	92719	29.320	ug/L	98
86) Isopropylbenzene	10.606	105	699997	30.498	ug/L	99
88) Bromobenzene	11.034	156	187252	29.029	ug/L	100
89) n-Propylbenzene	11.090	91	768050	29.773	ug/L	99
90) 1,4-Dichlorobutane	11.097	55	171279	29.586	ug/L	99
91) 1,1,2,2-Tetrachloroethane	11.174	83	134922	29.855	ug/L	100
92) 4-Ethyltoluene	11.223	105	667030	30.678	ug/L	99
93) 2-Chlorotoluene	11.258	91	472157M6	28.694	ug/L	
94) 1,3,5-Trimethylbenzene	11.322	105	540788	29.727	ug/L	99
95) 1,2,3-Trichloropropane	11.315	75	98987	28.720	ug/L	99
96) trans-1,4-Dichloro-2-b...	11.364	53	35667	29.845	ug/L	93
97) 4-Chlorotoluene	11.441	91	502570	29.705	ug/L	100
98) tert-Butylbenzene	11.665	119	550986	30.196	ug/L	99
101) 1,2,4-Trimethylbenzene	11.742	105	623297	30.060	ug/L	98
102) sec-Butylbenzene	11.853	105	650205	30.880	ug/L	99
103) p-Isopropyltoluene	12.014	119	567567	30.836	ug/L	99
104) 1,3-Dichlorobenzene	12.069	146	367281	29.149	ug/L	99
105) 1,4-Dichlorobenzene	12.167	146	370623	28.991	ug/L	98
106) p-Diethylbenzene	12.389	119	328343	30.779	ug/L	99
107) n-Butylbenzene	12.445	91	432210	30.383	ug/L	99
108) 1,2-Dichlorobenzene	12.591	146	346704	29.130	ug/L	99
109) 1,2,4,5-Tetramethylben...	13.190	119	535493	32.142	ug/L	100
110) 1,2-Dibromo-3-chloropr...	13.371	155	22620	30.013	ug/L	100
111) 1,3,5-Trichlorobenzene	13.406	180	226276	29.649	ug/L	99
112) Hexachlorobutadiene	13.990	225	63190	28.679	ug/L	97
113) 1,2,4-Trichlorobenzene	14.004	180	210566	29.925	ug/L	98
114) Naphthalene	14.304	128	492012	31.789	ug/L	100
115) 1,2,3-Trichlorobenzene	14.471	180	187269	30.336	ug/L	97

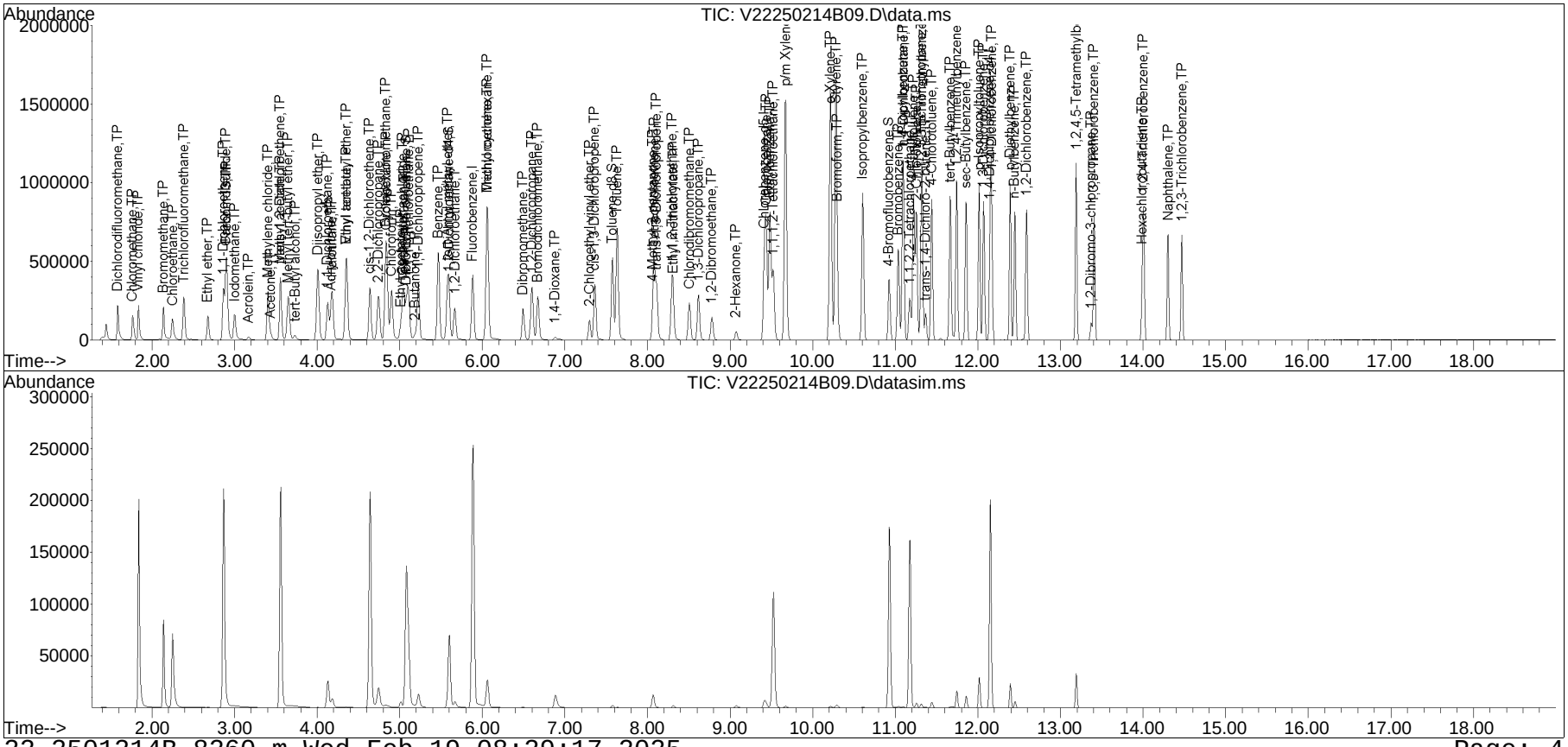
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B09.D
Acq On : 14 Feb 2025 03:05 pm
Operator : VOA122:PID
Sample : I8260STD30PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 17 06:18:43 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

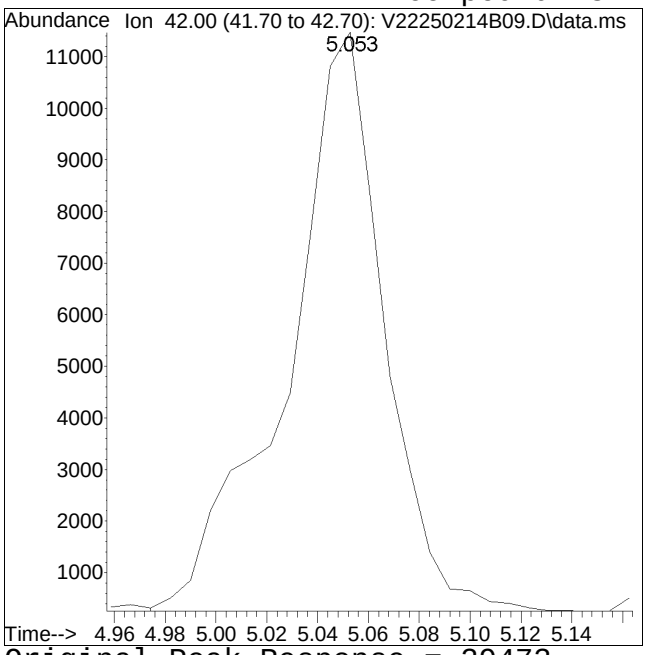
Sub List : 8260-Curve - Megamix plus Diox\V22250214B08.D•



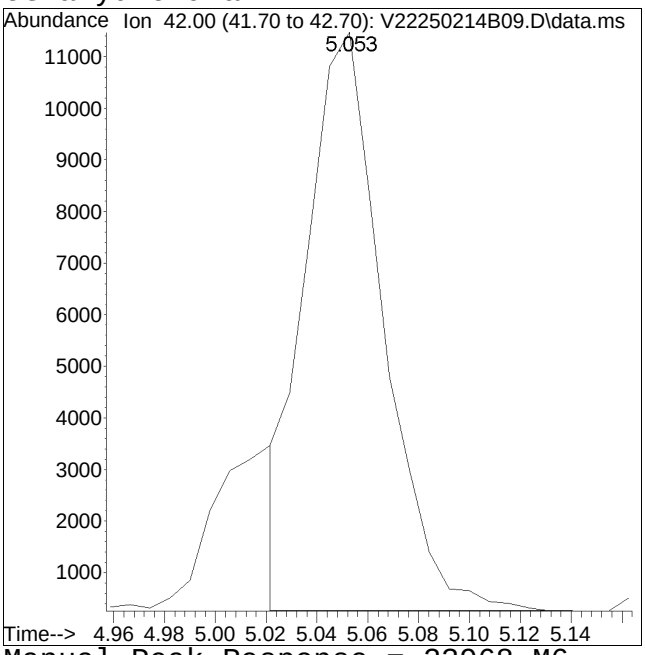
Manual Integration Report

Data Path : K:\VOA122\2025\250214BICALQMethod : V122_2501214B_8260.m
Data File : V22250214B09.D Operator : VOA122:PID
Date Inj'd : 2/14/2025 3:05 pm Instrument : VOA 122
Sample : I8260STD30PPB Quant Date : 2/17/2025 6:18 am

Compound #37: Tetrahydrofuran



Original Peak Response = 29473



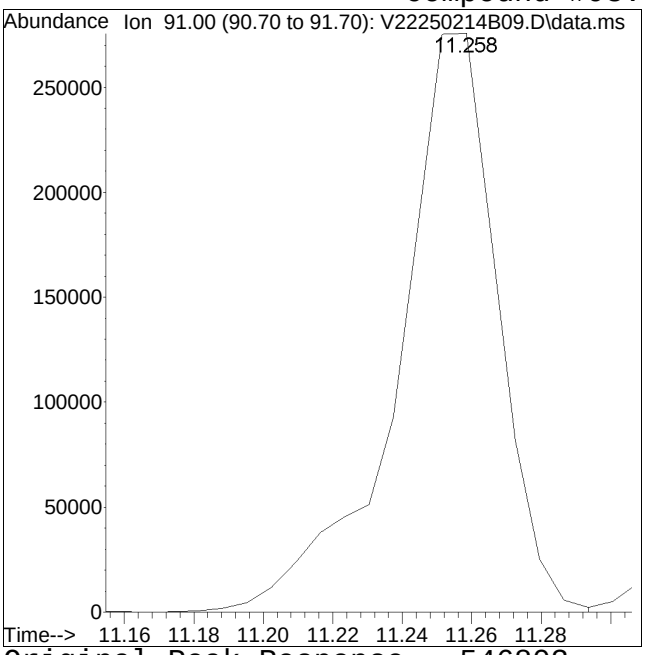
Manual Peak Response = 23968 M6

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

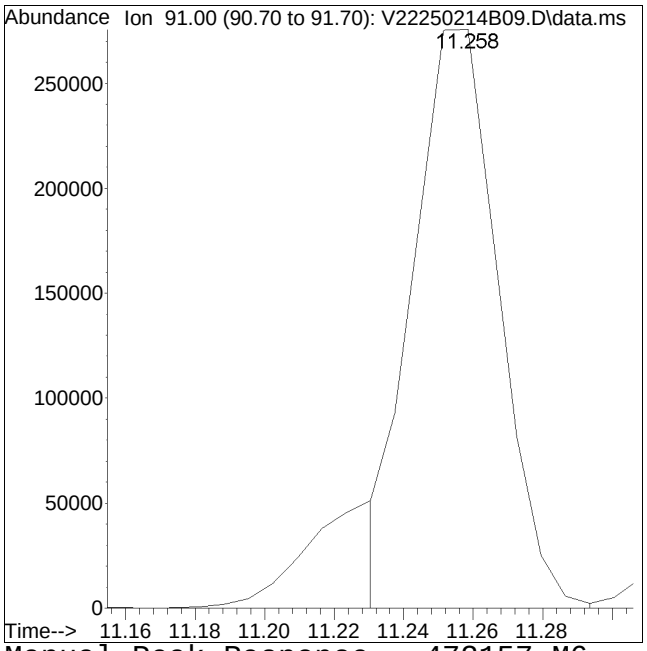
Manual Integration Report

Data Path : K:\VOA122\2025\250214BICALQMethod : V122_2501214B_8260.m
Data File : V22250214B09.D Operator : VOA122:PID
Date Inj'd : 2/14/2025 3:05 pm Instrument : VOA 122
Sample : I8260STD30PPB Quant Date : 2/17/2025 6:18 am

Compound #93: 2-Chlorotoluene



Original Peak Response = 546803



Manual Peak Response = 472157 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B10.D
Acq On : 14 Feb 2025 03:30 pm
Operator : VOA122:PID
Sample : I8260STD80PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 17 06:18:51 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.884	96	454137	10.000	ug/L	0.00
Standard Area 1 = 381716			Recovery = 118.97%			
62) Chlorobenzene-d5	9.414	117	349242	10.000	ug/L	0.00
Standard Area 1 = 302232			Recovery = 115.55%			
83) 1,4-Dichlorobenzene-d4	12.153	152	188710	10.000	ug/L	0.00
Standard Area 1 = 156852			Recovery = 120.31%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.076	113	122732	9.390	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.90%			
46) 1,2-Dichloroethane-d4	5.598	65	111546	9.584	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.84%			
63) Toluene-d8	7.576	98	445437	10.105	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.05%			
87) 4-Bromofluorobenzene	10.929	95	153354	9.988	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.585	85	484664	73.758	ug/L	98
3) Chloromethane	1.765	50	464026	73.110	ug/L	99
4) Vinyl chloride	1.836	62	488262	65.375	ug/L	99
5) Bromomethane	2.142	94	317125	70.940	ug/L	97
6) Chloroethane	2.244	64	312401	69.899	ug/L	98
7) Trichlorofluoromethane	2.385	101	618429	73.617	ug/L	100
8) Ethyl ether	2.683	74	168095	78.562	ug/L	96
10) 1,1-Dichloroethene	2.864	96	354176	72.784	ug/L	98
11) Carbon disulfide	2.895	76	1012819	72.235	ug/L	99
12) Freon-113	2.903	101	377212	72.281	ug/L	99
13) Iodomethane	3.005	142	567214	83.521	ug/L	99
14) Acrolein	3.170	56	46725	85.867	ug/L	89
15) Methylene chloride	3.405	84	409634	71.017	ug/L	99
17) Acetone	3.436	43	75847	74.952	ug/L	93
18) trans-1,2-Dichloroethene	3.554	96	404670	73.741	ug/L	99
19) Methyl acetate	3.562	43	188083	77.908	ug/L	98
21) Methyl tert-butyl ether	3.656	73	845608	81.596	ug/L	96
22) tert-Butyl alcohol	3.735	59	101837	413.296	ug/L	91
24) Diisopropyl ether	4.009	45	1279531	83.934	ug/L	96
25) 1,1-Dichloroethane	4.127	63	710716	74.261	ug/L	100
26) Halothane	4.182	117	337934	73.256	ug/L	98

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B10.D
Acq On : 14 Feb 2025 03:30 pm
Operator : VOA122:PID
Sample : I8260STD80PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 17 06:18:51 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.166	53	96304	80.698	ug/L	98
28) Ethyl tert-butyl ether	4.354	59	1066502	86.165	ug/L	96
29) Vinyl acetate	4.362	43	866068	86.490	ug/L	100
30) cis-1,2-Dichloroethene	4.637	96	458394	74.028	ug/L	100
31) 2,2-Dichloropropane	4.747	77	541766	75.041	ug/L	95
32) Bromochloromethane	4.833	128	233815	72.739	ug/L	98
33) Cyclohexane	4.841	56	676732	80.486	ug/L	97
34) Chloroform	4.904	83	725567	73.761	ug/L	99
35) Ethyl acetate	5.013	43	276913	84.000	ug/L	98
36) Carbon tetrachloride	5.045	117	598724	72.732	ug/L	97
37) Tetrahydrofuran	5.053	42	75856M6	80.749	ug/L	
39) 1,1,1-Trichloroethane	5.108	97	634009	75.149	ug/L	99
41) 2-Butanone	5.186	43	125794	84.393	ug/L	92
42) 1,1-Dichloropropene	5.225	75	519331	80.533	ug/L	99
44) Benzene	5.472	78	1555158	74.638	ug/L	99
45) tert-Amyl methyl ether	5.584	73	920411	87.709	ug/L	94
47) 1,2-Dichloroethane	5.668	62	495099	75.292	ug/L	99
50) Methyl cyclohexane	6.058	83	604531	84.069	ug/L	100
51) Trichloroethene	6.065	95	452403	69.841	ug/L	100
53) Dibromomethane	6.491	93	178412	74.169	ug/L	97
54) 1,2-Dichloropropane	6.603	63	416174	80.861	ug/L	98
56) 2-Chloroethyl vinyl ether	7.298	63	190638	93.830	ug/L	97
57) Bromodichloromethane	6.672	83	584930	79.446	ug/L	99
60) 1,4-Dioxane	6.881	88	28707	860.265	ug/L	99
61) cis-1,3-Dichloropropene	7.367	75	674427	89.650	ug/L	99
64) Toluene	7.631	92	1037943	78.814	ug/L	100
65) 4-Methyl-2-pentanone	8.069	58	88324	89.607	ug/L	95
66) Tetrachloroethene	8.083	166	477597	75.396	ug/L	99
68) trans-1,3-Dichloropropene	8.111	75	575156	95.643	ug/L	98
70) Ethyl methacrylate	8.312	69	330207	92.410	ug/L	89
71) 1,1,2-Trichloroethane	8.298	83	287590	85.118	ug/L	98
72) Chlorodibromomethane	8.507	129	479079	87.867	ug/L	99
73) 1,3-Dichloropropane	8.618	76	565709	84.967	ug/L	99
74) 1,2-Dibromoethane	8.778	107	359970	86.413	ug/L	99
76) 2-Hexanone	9.070	43	155939	88.972	ug/L	96
77) Chlorobenzene	9.435	112	1283283	77.518	ug/L	98
78) Ethylbenzene	9.484	91	2039119	81.423	ug/L	99
79) 1,1,1,2-Tetrachloroethane	9.526	131	477181	85.930	ug/L	99
80) p/m Xylene	9.674	106	1626774	163.252	ug/L	99
81) o Xylene	10.220	106	1646405	167.483	ug/L	97

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B10.D
Acq On : 14 Feb 2025 03:30 pm
Operator : VOA122:PID
Sample : I8260STD80PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 17 06:18:51 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Styrene	10.284	104	2830396	176.443	ug/L	99
84) Bromoform	10.298	173	303540	87.177	ug/L	97
86) Isopropylbenzene	10.606	105	2064538	81.693	ug/L	99
88) Bromobenzene	11.041	156	549377	77.350	ug/L	100
89) n-Propylbenzene	11.090	91	2277787	80.191	ug/L	100
90) 1,4-Dichlorobutane	11.097	55	532142	83.482	ug/L	99
91) 1,1,2,2-Tetrachloroethane	11.174	83	409233	82.240	ug/L	100
92) 4-Ethyltoluene	11.223	105	1964953	82.077	ug/L	99
93) 2-Chlorotoluene	11.258	91	1386689M6	76.536	ug/L	
94) 1,3,5-Trimethylbenzene	11.321	105	1639928	81.871	ug/L	99
95) 1,2,3-Trichloropropane	11.314	75	302799	79.789	ug/L	99
96) trans-1,4-Dichloro-2-b...	11.371	53	111750	84.924	ug/L	85
97) 4-Chlorotoluene	11.441	91	1474948	79.175	ug/L	99
98) tert-Butylbenzene	11.665	119	1636752	81.467	ug/L	100
101) 1,2,4-Trimethylbenzene	11.742	105	1935997	84.797	ug/L	95
102) sec-Butylbenzene	11.860	105	1933206	83.385	ug/L	100
103) p-Isopropyltoluene	12.013	119	1725882	85.162	ug/L	100
104) 1,3-Dichlorobenzene	12.069	146	1080118	77.855	ug/L	99
105) 1,4-Dichlorobenzene	12.167	146	1075949	76.438	ug/L	99
106) p-Diethylbenzene	12.389	119	1007074	85.738	ug/L	99
107) n-Butylbenzene	12.452	91	1309083	83.577	ug/L	99
108) 1,2-Dichlorobenzene	12.591	146	1030699	78.651	ug/L	99
109) 1,2,4,5-Tetramethylben...	13.190	119	1658456	90.408	ug/L	100
110) 1,2-Dibromo-3-chloropr...	13.371	155	73592	88.683	ug/L	100
111) 1,3,5-Trichlorobenzene	13.406	180	658456	78.358	ug/L	100
112) Hexachlorobutadiene	13.990	225	183669	75.707	ug/L	97
113) 1,2,4-Trichlorobenzene	14.004	180	620414	80.078	ug/L	99
114) Naphthalene	14.304	128	1488388	87.339	ug/L	100
115) 1,2,3-Trichlorobenzene	14.471	180	549859	80.897	ug/L	97

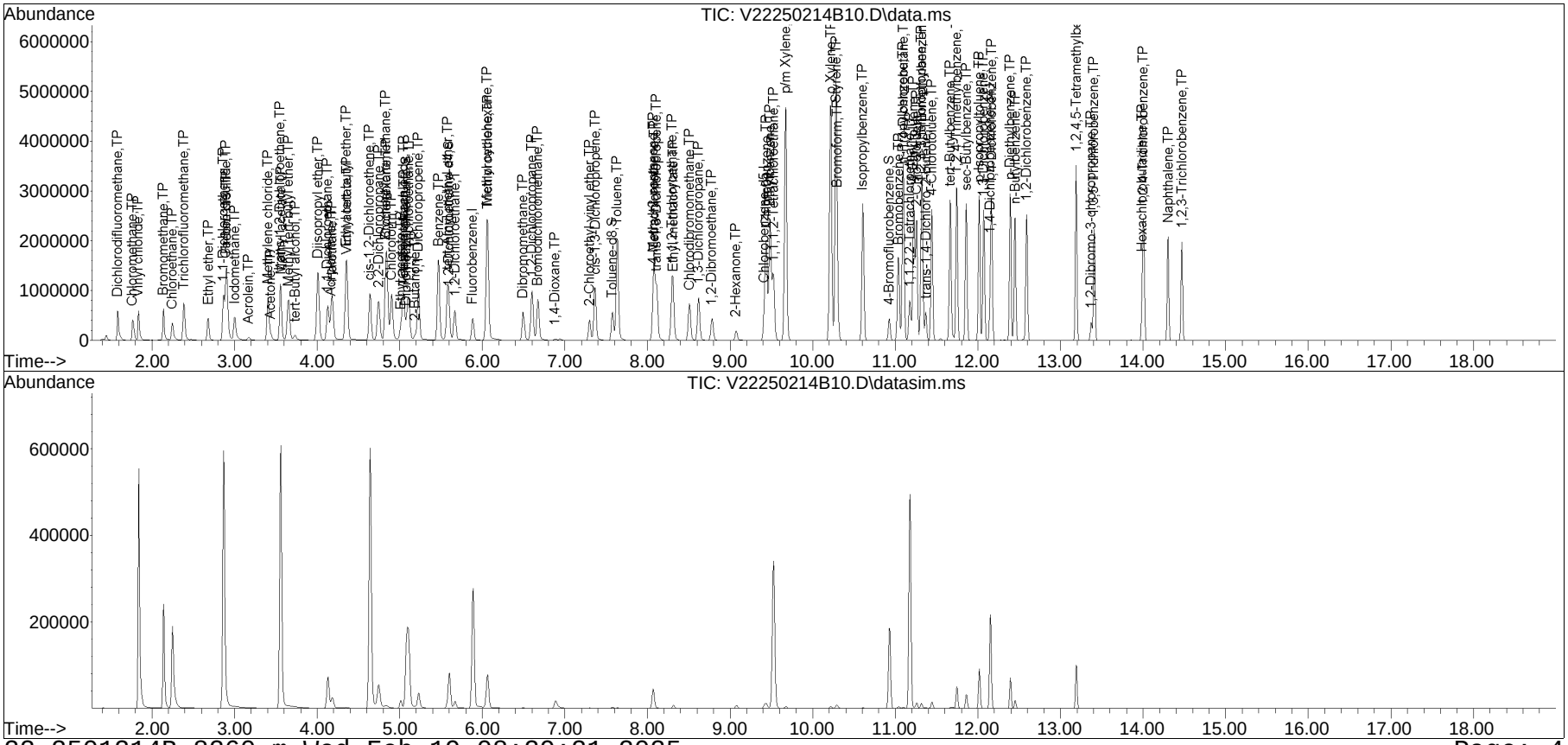
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B10.D
Acq On : 14 Feb 2025 03:30 pm
Operator : VOA122:PID
Sample : I8260STD80PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 17 06:18:51 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox\V22250214B08.D•

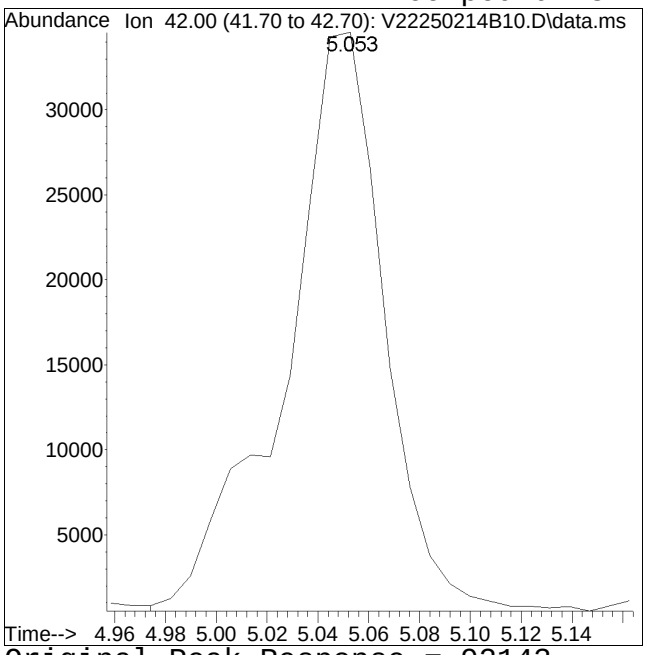


Manual Integration Report

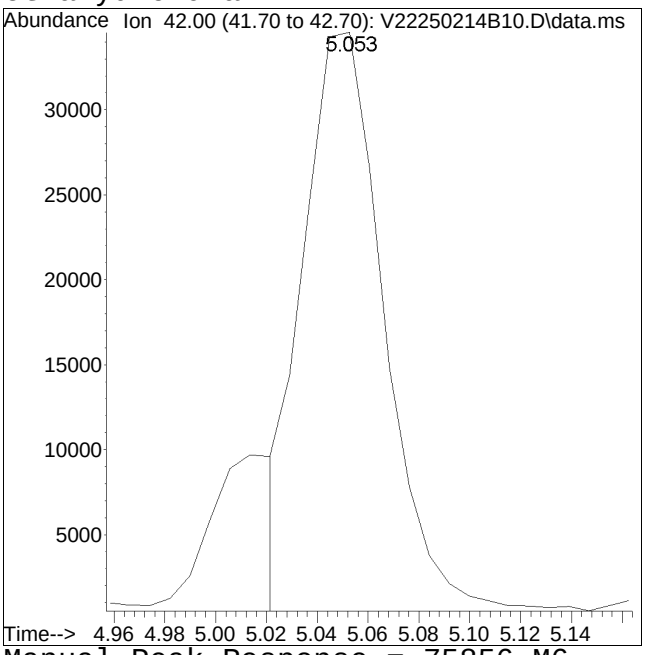
Data Path : K:\VOA122\2025\250214BICALQ
Data File : V22250214B10.D
Date Inj'd : 2/14/2025 3:30 pm
Sample : I8260STD80PPB

Method : V122_2501214B_8260.m
Operator : VOA122:PID
Instrument : VOA 122
Quant Date : 2/17/2025 6:18 am

Compound #37: Tetrahydrofuran



Original Peak Response = 92143



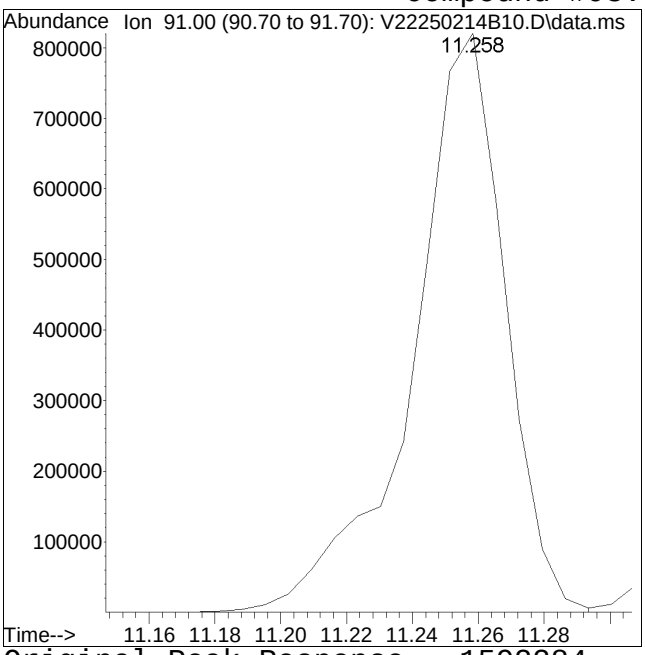
Manual Peak Response = 75856 M6

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

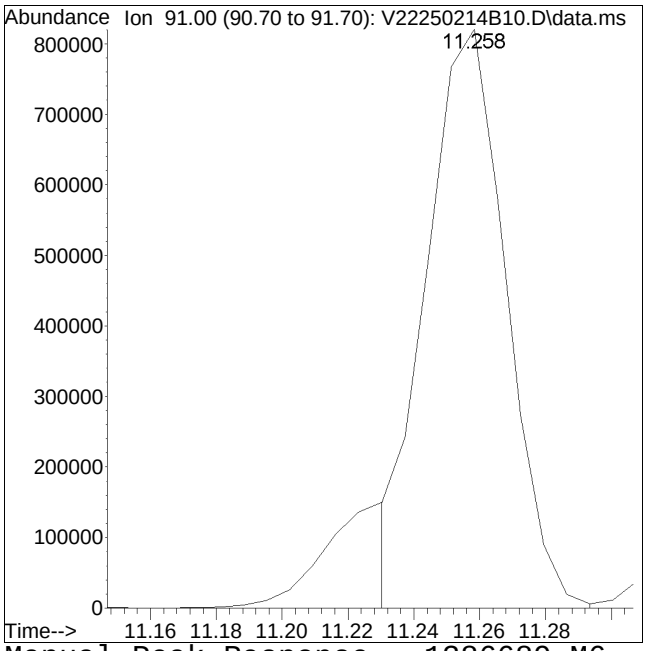
Manual Integration Report

Data Path : K:\VOA122\2025\250214BICALQMethod : V122_2501214B_8260.m
Data File : V22250214B10.D Operator : VOA122:PID
Date Inj'd : 2/14/2025 3:30 pm Instrument : VOA 122
Sample : I8260STD80PPB Quant Date : 2/17/2025 6:18 am

Compound #93: 2-Chlorotoluene



Original Peak Response = 1592284



Manual Peak Response = 1386689 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B11.D
Acq On : 14 Feb 2025 03:55 pm
Operator : VOA122:PID
Sample : I8260STD120PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 17 06:18:59 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.884	96	495246	10.000	ug/L	0.00
Standard Area 1 = 381716			Recovery = 129.74%			
62) Chlorobenzene-d5	9.414	117	384953	10.000	ug/L	0.00
Standard Area 1 = 302232			Recovery = 127.37%			
83) 1,4-Dichlorobenzene-d4	12.153	152	201174	10.000	ug/L	0.00
Standard Area 1 = 156852			Recovery = 128.26%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.076	113	133393	9.359	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.59%			
46) 1,2-Dichloroethane-d4	5.598	65	121159	9.546	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.46%			
63) Toluene-d8	7.576	98	486253	10.008	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.08%			
87) 4-Bromofluorobenzene	10.929	95	165562	10.115	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.15%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.585	85	806721	112.578	ug/L	98
3) Chloromethane	1.765	50	749120	108.231	ug/L	99
4) Vinyl chloride	1.836	62	802200	98.493	ug/L	99
5) Bromomethane	2.134	94	550393	112.901	ug/L	98
6) Chloroethane	2.244	64	492064	100.960	ug/L	98
7) Trichlorofluoromethane	2.385	101	1029870	112.418	ug/L	100
8) Ethyl ether	2.683	74	275929	118.255	ug/L	96
10) 1,1-Dichloroethene	2.864	96	602135	113.469	ug/L	99
11) Carbon disulfide	2.895	76	1705012	111.508	ug/L	99
12) Freon-113	2.903	101	652719	114.692	ug/L	99
13) Iodomethane	2.997	142	931768	125.812	ug/L	98
14) Acrolein	3.170	56	74062	124.806	ug/L	90
15) Methylene chloride	3.405	84	667271	106.080	ug/L	97
17) Acetone	3.436	43	126492	114.623	ug/L	93
18) trans-1,2-Dichloroethene	3.554	96	674072	112.636	ug/L	98
19) Methyl acetate	3.554	43	306607	116.460	ug/L	97
21) Methyl tert-butyl ether	3.656	73	1421951	125.820	ug/L	94
22) tert-Butyl alcohol	3.735	59	171469	638.127	ug/L	89
24) Diisopropyl ether	4.009	45	2089279	125.675	ug/L	96
25) 1,1-Dichloroethane	4.127	63	1169224	112.029	ug/L	99
26) Halothane	4.182	117	582337	115.758	ug/L	99

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B11.D
Acq On : 14 Feb 2025 03:55 pm
Operator : VOA122:PID
Sample : I8260STD120PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 17 06:18:59 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) Acrylonitrile	4.166	53	154594	118.790	ug/L		99
28) Ethyl tert-butyl ether	4.354	59	1804744	133.705	ug/L		99
29) Vinyl acetate	4.354	43	1397099	127.940	ug/L		100
30) cis-1,2-Dichloroethene	4.637	96	751106	111.230	ug/L		99
31) 2,2-Dichloropropane	4.747	77	894082	113.561	ug/L		95
32) Bromochloromethane	4.833	128	376830	107.500	ug/L		98
33) Cyclohexane	4.841	56	1168713	127.460	ug/L		98
34) Chloroform	4.904	83	1186000	110.561	ug/L		99
35) Ethyl acetate	5.013	43	448995	124.895	ug/L		98
36) Carbon tetrachloride	5.045	117	1020694	113.701	ug/L		97
37) Tetrahydrofuran	5.053	42	123282M6	120.340	ug/L		
39) 1,1,1-Trichloroethane	5.108	97	1062981	115.537	ug/L		99
41) 2-Butanone	5.186	43	197477	121.486	ug/L	#	89
42) 1,1-Dichloropropene	5.225	75	866940	123.277	ug/L		99
44) Benzene	5.472	78	2537305	111.667	ug/L		99
45) tert-Amyl methyl ether	5.584	73	1537990	134.395	ug/L		93
47) 1,2-Dichloroethane	5.668	62	795196	110.891	ug/L		99
50) Methyl cyclohexane	6.058	83	1065519	135.877	ug/L		100
51) Trichloroethene	6.065	95	766000	108.438	ug/L		99
53) Dibromomethane	6.491	93	290814	110.861	ug/L		96
54) 1,2-Dichloropropane	6.602	63	678233	120.840	ug/L		98
56) 2-Chloroethyl vinyl ether	7.298	63	311157	140.436	ug/L		97
57) Bromodichloromethane	6.672	83	963299	119.976	ug/L		99
60) 1,4-Dioxane	6.880	88	45334	1245.760	ug/L		99
61) cis-1,3-Dichloropropene	7.360	75	1104520	134.634	ug/L		99
64) Toluene	7.631	92	1709543	117.768	ug/L		99
65) 4-Methyl-2-pentanone	8.069	58	147637	135.887	ug/L		96
66) Tetrachloroethene	8.083	166	808609	115.810	ug/L		99
68) trans-1,3-Dichloropropene	8.111	75	940216	141.846	ug/L		98
70) Ethyl methacrylate	8.312	69	545318	138.452	ug/L		88
71) 1,1,2-Trichloroethane	8.298	83	465569	125.012	ug/L		99
72) Chlorodibromomethane	8.507	129	784411	130.521	ug/L		99
73) 1,3-Dichloropropane	8.618	76	918744	125.191	ug/L		99
74) 1,2-Dibromoethane	8.778	107	590963	128.704	ug/L		100
76) 2-Hexanone	9.070	43	261673	135.449	ug/L		95
77) Chlorobenzene	9.435	112	2094489	114.782	ug/L		99
78) Ethylbenzene	9.484	91	3356832	121.606	ug/L		99
79) 1,1,1,2-Tetrachloroethane	9.526	131	784434	128.155	ug/L		99
80) p/m Xylene	9.673	106	2699954	245.814	ug/L		100
81) o Xylene	10.220	106	2714925	250.559	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B11.D
Acq On : 14 Feb 2025 03:55 pm
Operator : VOA122:PID
Sample : I8260STD120PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 17 06:18:59 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Styrene	10.284	104	4639804	262.408	ug/L	98
84) Bromoform	10.298	173	501580	135.130	ug/L	98
86) Isopropylbenzene	10.606	105	3410810	126.602	ug/L	99
88) Bromobenzene	11.041	156	898309	118.642	ug/L	100
89) n-Propylbenzene	11.097	91	3765743	124.362	ug/L	100
90) 1,4-Dichlorobutane	11.097	55	858758	126.374	ug/L	99
91) 1,1,2,2-Tetrachloroethane	11.174	83	649264	122.394	ug/L	100
92) 4-Ethyltoluene	11.223	105	3211761	125.845	ug/L	98
93) 2-Chlorotoluene	11.258	91	2257603M6	116.885	ug/L	
94) 1,3,5-Trimethylbenzene	11.321	105	2721972	127.471	ug/L	99
95) 1,2,3-Trichloropropane	11.314	75	490318	121.196	ug/L	98
96) trans-1,4-Dichloro-2-b...	11.371	53	180697	128.812	ug/L	85
97) 4-Chlorotoluene	11.441	91	2402097	120.956	ug/L	99
98) tert-Butylbenzene	11.665	119	2713909	126.712	ug/L	99
101) 1,2,4-Trimethylbenzene	11.742	105	3151973	129.504	ug/L	95
102) sec-Butylbenzene	11.860	105	3187693	128.976	ug/L	100
103) p-Isopropyltoluene	12.013	119	2844839	131.678	ug/L	99
104) 1,3-Dichlorobenzene	12.069	146	1745488	118.020	ug/L	99
105) 1,4-Dichlorobenzene	12.167	146	1748243	116.505	ug/L	99
106) p-Diethylbenzene	12.396	119	1679782	134.150	ug/L	99
107) n-Butylbenzene	12.452	91	2155231	129.073	ug/L	99
108) 1,2-Dichlorobenzene	12.591	146	1645815	117.808	ug/L	99
109) 1,2,4,5-Tetramethylben...	13.190	119	2702381	138.188	ug/L	100
110) 1,2-Dibromo-3-chloropr...	13.371	155	118872	134.373	ug/L	99
111) 1,3,5-Trichlorobenzene	13.413	180	1072631	119.737	ug/L	99
112) Hexachlorobutadiene	13.990	225	315313	121.918	ug/L	97
113) 1,2,4-Trichlorobenzene	14.011	180	998437	120.886	ug/L	98
114) Naphthalene	14.304	128	2341369	128.879	ug/L	100
115) 1,2,3-Trichlorobenzene	14.471	180	890355	122.876	ug/L	97

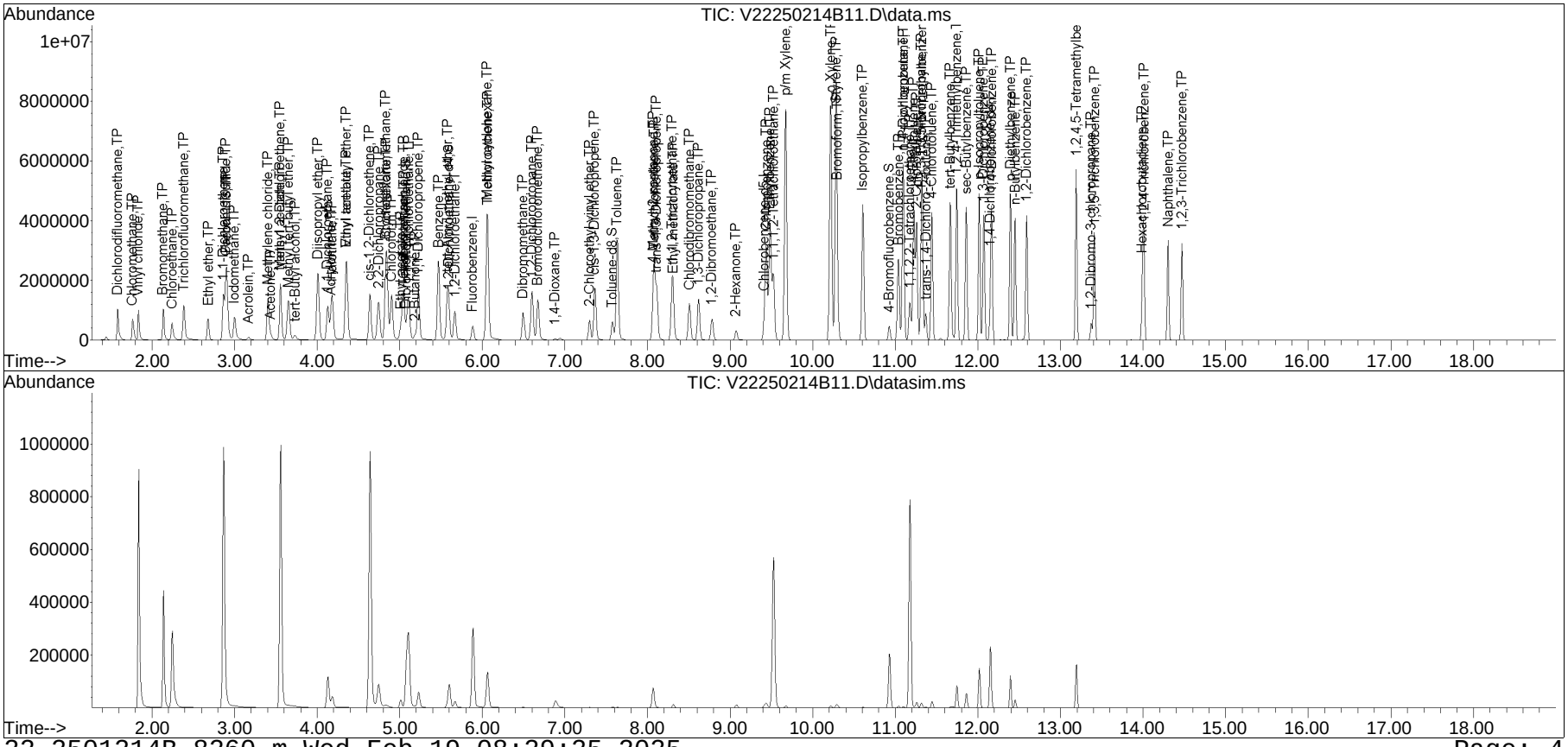
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B11.D
Acq On : 14 Feb 2025 03:55 pm
Operator : VOA122:PID
Sample : I8260STD120PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 17 06:18:59 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox\V22250214B08.D•

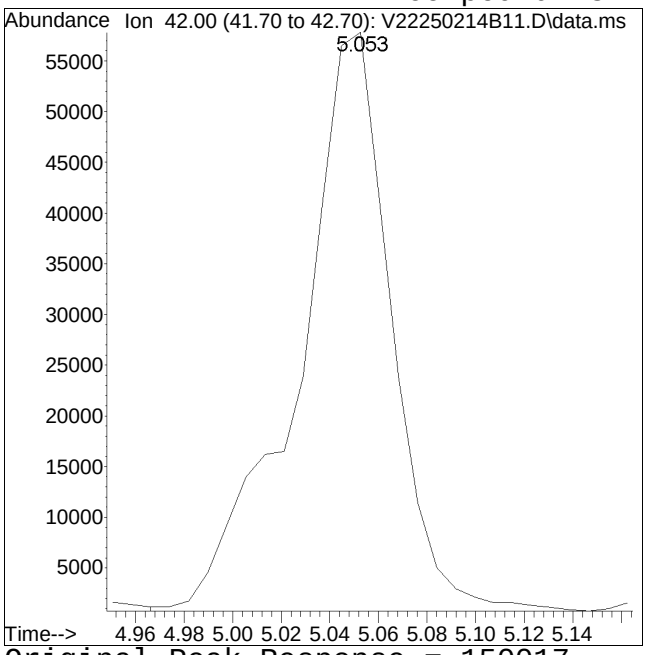


Manual Integration Report

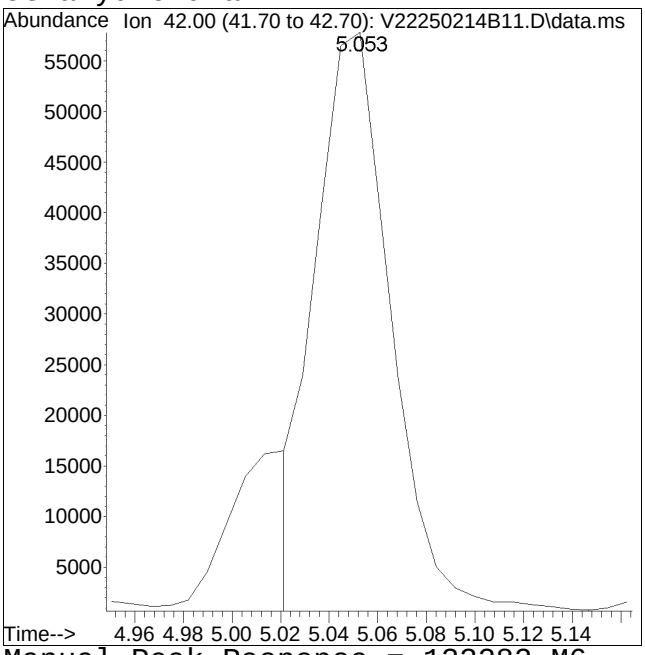
Data Path : K:\VOA122\2025\250214BICALQ
Data File : V22250214B11.D
Date Inj'd : 2/14/2025 3:55 pm
Sample : I8260STD120PPB

Method : V122_2501214B_8260.m
Operator : VOA122:PID
Instrument : VOA 122
Quant Date : 2/17/2025 6:18 am

Compound #37: Tetrahydrofuran



Original Peak Response = 150017



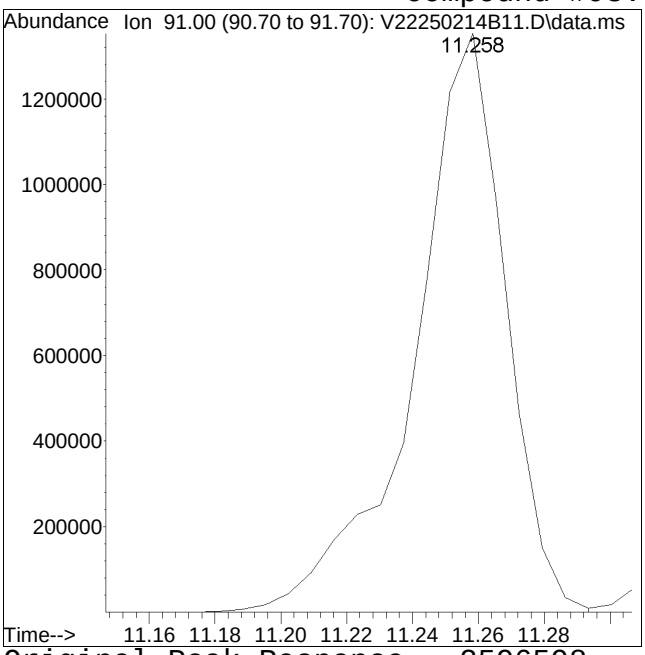
Manual Peak Response = 123282 M6

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

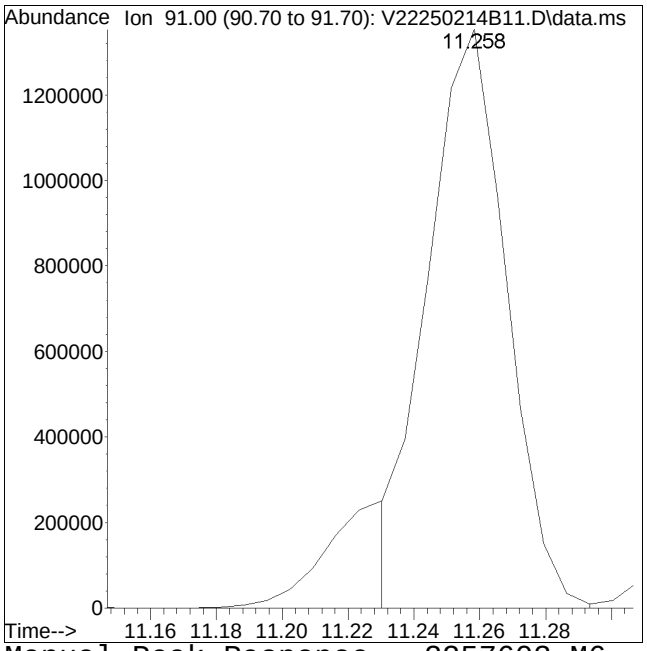
Manual Integration Report

Data Path : K:\VOA122\2025\250214BICALQMethod : V122_2501214B_8260.m
Data File : V22250214B11.D Operator : VOA122:PID
Date Inj'd : 2/14/2025 3:55 pm Instrument : VOA 122
Sample : I8260STD120PPB Quant Date : 2/17/2025 6:18 am

Compound #93: 2-Chlorotoluene



Original Peak Response = 2596598



Manual Peak Response = 2257603 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B12.D
Acq On : 14 Feb 2025 04:19 pm
Operator : VOA122:PID
Sample : I8260STD200PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 17 06:19:06 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.884	96	537944	10.000	ug/L	0.00
Standard Area 1 = 381716			Recovery = 140.93%			
62) Chlorobenzene-d5	9.421	117	420538	10.000	ug/L	0.00
Standard Area 1 = 302232			Recovery = 139.14%			
83) 1,4-Dichlorobenzene-d4	12.153	152	219694	10.000	ug/L	0.00
Standard Area 1 = 156852			Recovery = 140.06%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.076	113	145648	9.408	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.08%			
46) 1,2-Dichloroethane-d4	5.598	65	137427	9.968	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.68%			
63) Toluene-d8	7.575	98	523375	9.860	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.60%			
87) 4-Bromofluorobenzene	10.929	95	178998	10.014	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.585	85	1448964	186.154	ug/L	98
3) Chloromethane	1.765	50	1331235	177.067	ug/L	99
4) Vinyl chloride	1.836	62	1448518	163.731	ug/L	99
5) Bromomethane	2.134	94	1027283	193.999	ug/L	98
6) Chloroethane	2.236	64	839051	158.489	ug/L	99
7) Trichlorofluoromethane	2.385	101	1889257	189.858	ug/L	100
8) Ethyl ether	2.683	74	523854	206.689	ug/L	94
10) 1,1-Dichloroethene	2.864	96	1126359	195.409	ug/L	99
11) Carbon disulfide	2.895	76	3167368	190.705	ug/L	99
12) Freon-113	2.903	101	1218003	197.032	ug/L	100
13) Iodomethane	2.997	142	1671572	207.789	ug/L	98
14) Acrolein	3.170	56	144652	224.413	ug/L	90
15) Methylene chloride	3.405	84	1226215	179.465	ug/L	97
17) Acetone	3.436	43	230302	192.129	ug/L #	89
18) trans-1,2-Dichloroethene	3.554	96	1244556	191.456	ug/L	98
19) Methyl acetate	3.562	43	577642	201.994	ug/L	97
21) Methyl tert-butyl ether	3.656	73	2691553	219.257	ug/L	94
22) tert-Butyl alcohol	3.735	59	334336	1145.483	ug/L	88
24) Diisopropyl ether	4.009	45	3960856	219.344	ug/L	96
25) 1,1-Dichloroethane	4.127	63	2134940	188.323	ug/L	100
26) Halothane	4.182	117	1095557	200.492	ug/L	97

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B12.D
Acq On : 14 Feb 2025 04:19 pm
Operator : VOA122:PID
Sample : I8260STD200PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 17 06:19:06 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) Acrylonitrile	4.166	53	292422	206.862	ug/L		98
28) Ethyl tert-butyl ether	4.354	59	3404712	232.219	ug/L		97
29) Vinyl acetate	4.362	43	2693444	227.076	ug/L		99
30) cis-1,2-Dichloroethene	4.645	96	1379740	188.106	ug/L		99
31) 2,2-Dichloropropane	4.747	77	1656335	193.680	ug/L		94
32) Bromochloromethane	4.833	128	684235	179.702	ug/L		98
33) Cyclohexane	4.841	56	2192313	220.117	ug/L		98
34) Chloroform	4.904	83	2144797	184.072	ug/L		98
35) Ethyl acetate	5.013	43	862427	220.856	ug/L		98
36) Carbon tetrachloride	5.045	117	1921273	197.033	ug/L		97
37) Tetrahydrofuran	5.053	42	235593M6	211.718	ug/L		
39) 1,1,1-Trichloroethane	5.107	97	1973145	197.442	ug/L		99
41) 2-Butanone	5.186	43	376342	213.146	ug/L	#	91
42) 1,1-Dichloropropene	5.225	75	1604512	210.049	ug/L		99
44) Benzene	5.472	78	4654481	188.584	ug/L		99
45) tert-Amyl methyl ether	5.584	73	2943310	236.783	ug/L		92
47) 1,2-Dichloroethane	5.667	62	1469026	188.597	ug/L		99
50) Methyl cyclohexane	6.058	83	2003105	235.164	ug/L		100
51) Trichloroethene	6.065	95	1425981	185.844	ug/L		99
53) Dibromomethane	6.491	93	528308	185.410	ug/L		98
54) 1,2-Dichloropropane	6.602	63	1244948	204.206	ug/L		98
56) 2-Chloroethyl vinyl ether	7.297	63	587895	244.278	ug/L		96
57) Bromodichloromethane	6.672	83	1786073	204.793	ug/L		98
60) 1,4-Dioxane	6.887	88	83591	2114.725	ug/L		100
61) cis-1,3-Dichloropropene	7.367	75	2032371	228.070	ug/L		99
64) Toluene	7.638	92	3179963	200.526	ug/L		97
65) 4-Methyl-2-pentanone	8.069	58	293618	247.381	ug/L		93
66) Tetrachloroethene	8.083	166	1507447	197.630	ug/L		99
68) trans-1,3-Dichloropropene	8.111	75	1753935	242.217	ug/L		97
70) Ethyl methacrylate	8.312	69	1048605	243.705	ug/L		86
71) 1,1,2-Trichloroethane	8.298	83	865540	212.744	ug/L		99
72) Chlorodibromomethane	8.507	129	1463717	222.944	ug/L		100
73) 1,3-Dichloropropane	8.618	76	1695624	211.500	ug/L		99
74) 1,2-Dibromoethane	8.785	107	1094072	218.113	ug/L		100
76) 2-Hexanone	9.070	43	497498	235.728	ug/L		94
77) Chlorobenzene	9.442	112	3841212	192.694	ug/L		99
78) Ethylbenzene	9.484	91	6071149	201.325	ug/L		98
79) 1,1,1,2-Tetrachloroethane	9.526	131	1450754	216.958	ug/L		100
80) p/m Xylene	9.673	106	5015338	417.977	ug/L		99
81) o Xylene	10.220	106	5053003	426.878	ug/L		94

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B12.D
Acq On : 14 Feb 2025 04:19 pm
Operator : VOA122:PID
Sample : I8260STD200PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 17 06:19:06 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Styrene	10.284	104	8411389	435.459	ug/L	95
84) Bromoform	10.305	173	973160	240.076	ug/L	97
86) Isopropylbenzene	10.606	105	6181725	210.110	ug/L	98
88) Bromobenzene	11.041	156	1638009	198.098	ug/L	99
89) n-Propylbenzene	11.097	91	6840137	206.850	ug/L	99
90) 1,4-Dichlorobutane	11.104	55	1640279	221.034	ug/L	99
91) 1,1,2,2-Tetrachloroethane	11.174	83	1212909	209.373	ug/L	100
92) 4-Ethyltoluene	11.223	105	5879158	210.941	ug/L	98
93) 2-Chlorotoluene	11.258	91	4206000M6	199.404	ug/L	
94) 1,3,5-Trimethylbenzene	11.328	105	5035730	215.945	ug/L	99
95) 1,2,3-Trichloropropane	11.314	75	934041	211.413	ug/L	98
96) trans-1,4-Dichloro-2-b...	11.370	53	340782	222.452	ug/L	83
97) 4-Chlorotoluene	11.448	91	4400612	202.910	ug/L	99
98) tert-Butylbenzene	11.665	119	5010137	214.204	ug/L	98
101) 1,2,4-Trimethylbenzene	11.742	105	5735004	215.769	ug/L	97
102) sec-Butylbenzene	11.860	105	5800697	214.914	ug/L	99
103) p-Isopropyltoluene	12.020	119	5158679	218.649	ug/L	98
104) 1,3-Dichlorobenzene	12.076	146	3182576	197.048	ug/L	99
105) 1,4-Dichlorobenzene	12.166	146	3181816	194.164	ug/L	100
106) p-Diethylbenzene	12.396	119	3089855	225.959	ug/L	98
107) n-Butylbenzene	12.452	91	3922256	215.096	ug/L	98
108) 1,2-Dichlorobenzene	12.591	146	2994063	196.249	ug/L	99
109) 1,2,4,5-Tetramethylben...	13.190	119	4921891	230.468	ug/L	99
110) 1,2-Dibromo-3-chloropr...	13.371	155	226341	234.287	ug/L	98
111) 1,3,5-Trichlorobenzene	13.413	180	1947281	199.049	ug/L	99
112) Hexachlorobutadiene	13.990	225	591324	209.365	ug/L	97
113) 1,2,4-Trichlorobenzene	14.011	180	1842037	204.225	ug/L	99
114) Naphthalene	14.304	128	4272610	215.358	ug/L	100
115) 1,2,3-Trichlorobenzene	14.471	180	1617908	204.461	ug/L	97

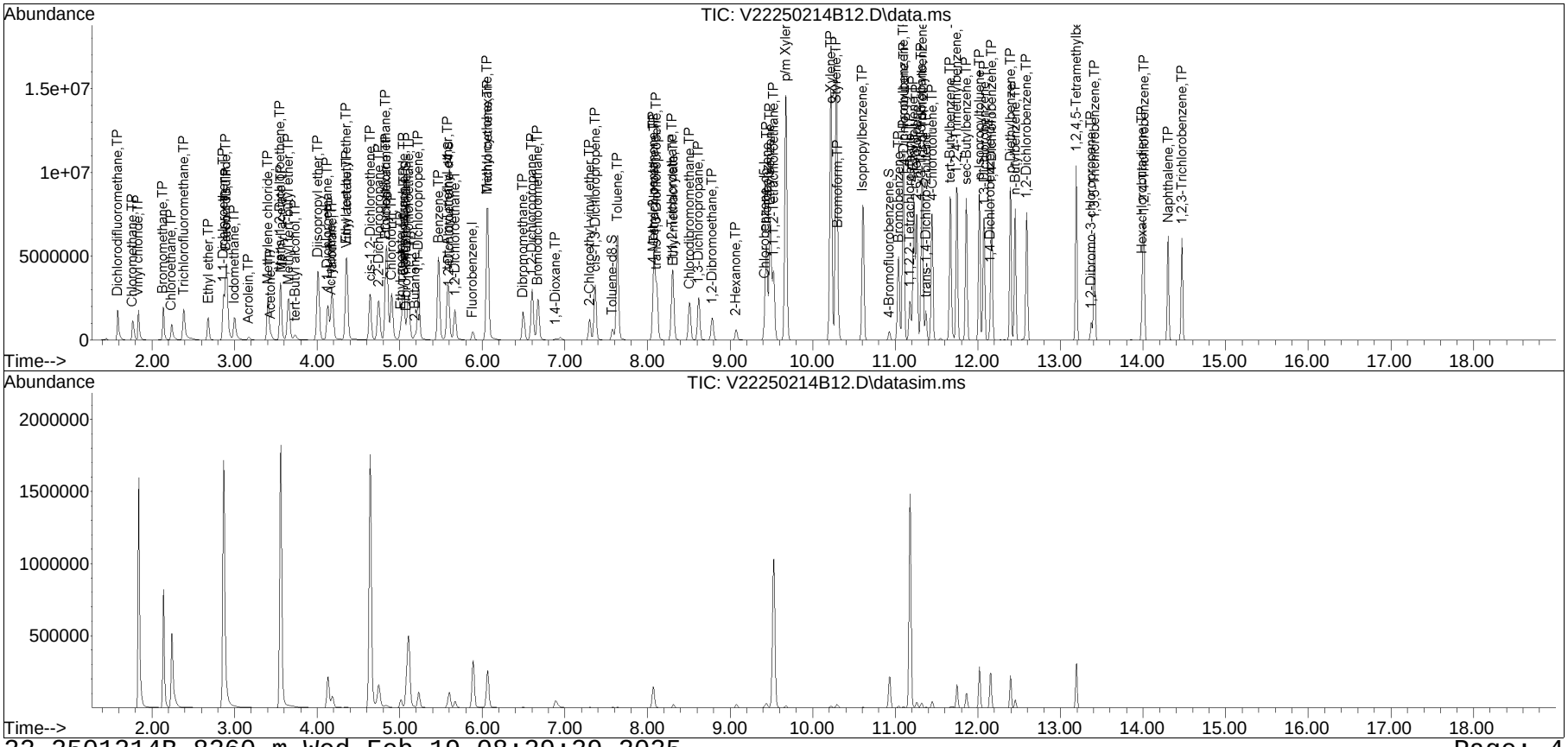
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B12.D
Acq On : 14 Feb 2025 04:19 pm
Operator : VOA122:PID
Sample : I8260STD200PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 17 06:19:06 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:17:51 2025
Response via : Initial Calibration

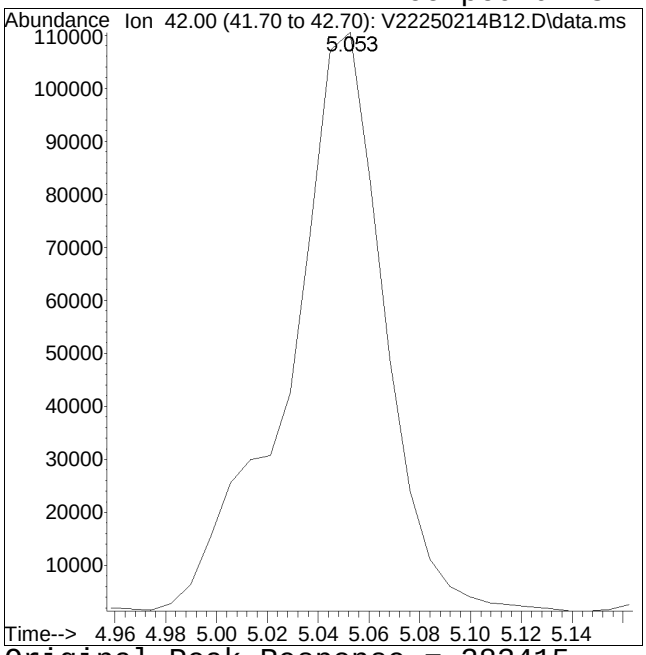
Sub List : 8260-Curve - Megamix plus Diox\V22250214B08.D•



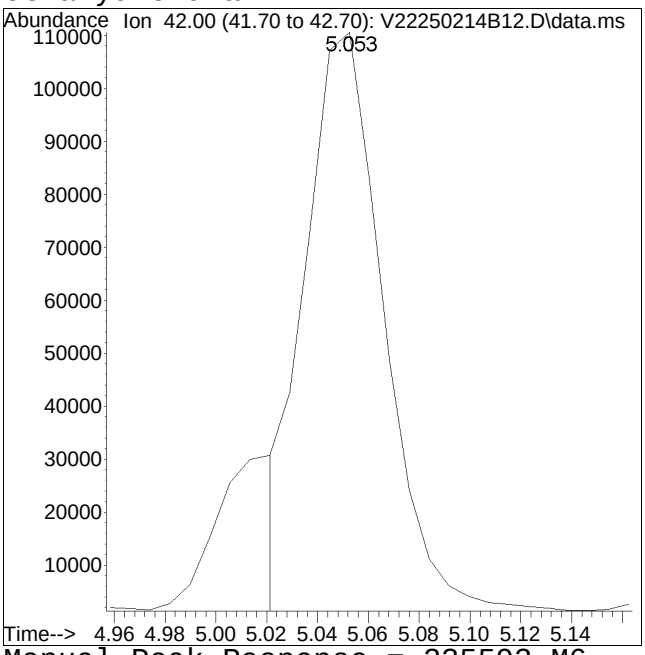
Manual Integration Report

Data Path : K:\VOA122\2025\250214BICALQMethod : V122_2501214B_8260.m
Data File : V22250214B12.D Operator : VOA122:PID
Date Inj'd : 2/14/2025 4:19 pm Instrument : VOA 122
Sample : I8260STD200PPB Quant Date : 2/17/2025 6:19 am

Compound #37: Tetrahydrofuran



Original Peak Response = 283415



Manual Peak Response = 235593 M6

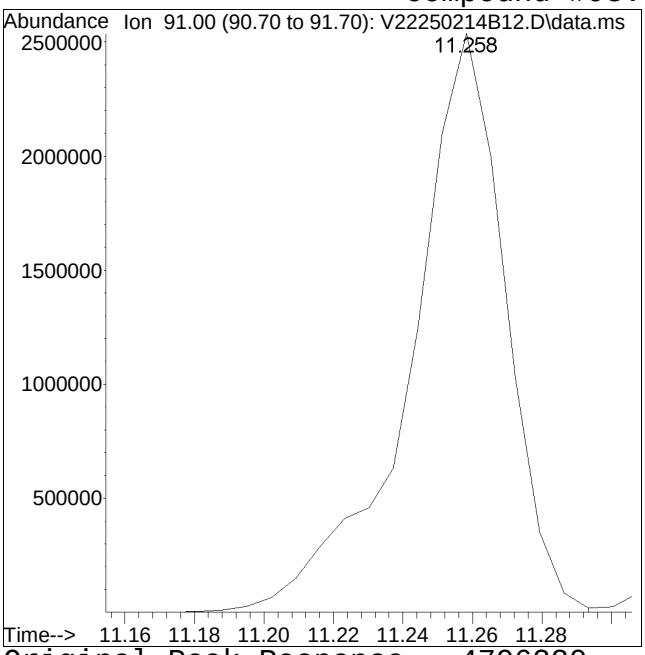
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

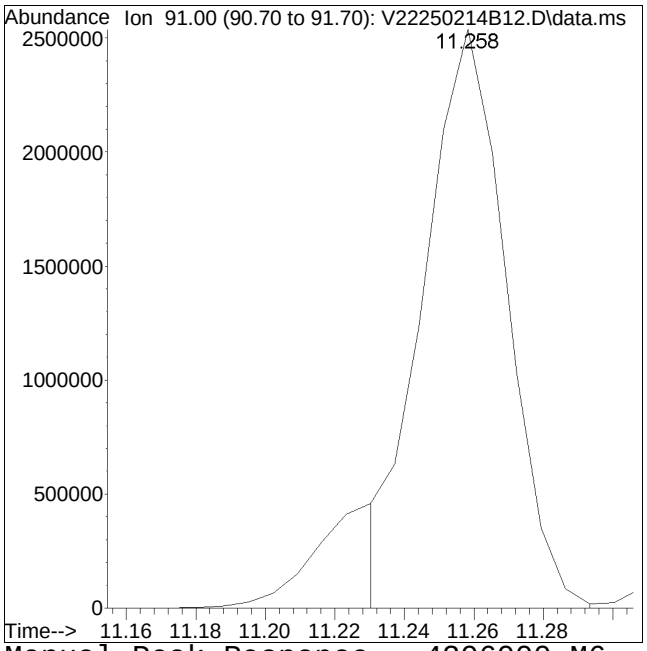
Data Path : K:\VOA122\2025\250214BICALQ
Data File : V22250214B12.D
Date Inj'd : 2/14/2025 4:19 pm
Sample : I8260STD200PPB

Method : V122_2501214B_8260.m
Operator : VOA122:PID
Instrument : VOA 122
Quant Date : 2/17/2025 6:19 am

Compound #93: 2-Chlorotoluene



Original Peak Response = 4796220



Manual Peak Response = 4206000 M6

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

Evaluate Continuing Calibration Report

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B17.D
Acq On : 14 Feb 2025 06:21 pm
Operator : VOA122:PID
Sample : C8260STD10PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 17 06:29:00 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	122	0.00
2	TP	Dichlorodifluoromethane	0.145	0.158	-9.0	118	0.00
3	TP	Chloromethane	0.140	0.163	-16.4	135	0.00
4	TP	Vinyl chloride	* 10.000	12.799	-28.0#	132	0.00
5	TP	Bromomethane	0.098	0.140	-42.9#	179	0.00
6	TP	Chloroethane	0.098	0.115	-17.3	136	0.00
7	TP	Trichlorofluoromethane	0.185	0.221	-19.5	133	0.00
8	TP	Ethyl ether	0.047	0.054	-14.9	144	0.00
10	TP	1,1-Dichloroethene	0.107	0.119	-11.2	128	0.00
11	TP	Carbon disulfide	0.309	0.279	9.7	103	0.00
12	TP	Freon-113	0.115	0.120	-4.3	117	0.00
13	TP	Iodomethane	0.150	0.104	30.7#	78	0.00
14	TP	Acrolein	0.012	0.010	16.7	126	0.00
15	TP	Methylene chloride	0.127	0.129	-1.6	123	0.00
17	TP	Acetone	0.022	0.021	4.5	115	0.00
18	TP	trans-1,2-Dichloroethene	0.121	0.129	-6.6	125	0.00
19	TP	Methyl acetate	0.053	0.052	1.9	123	0.00
21	TP	Methyl tert-butyl ether	0.228	0.215	5.7	121	0.00
22	TP	tert-Butyl alcohol	0.00543	0.00506#	6.8	127	0.00
24	TP	Diisopropyl ether	0.336	0.309	8.0	118	0.00
25	TP	1,1-Dichloroethane	0.211	0.217#	-2.8	124	0.00
26	TP	Halothane	0.102	0.099	2.9	112	0.00
27	TP	Acrylonitrile	0.026	0.025	3.8	121	0.00
28	TP	Ethyl tert-butyl ether	0.273	0.257	5.9	123	0.00
29	TP	Vinyl acetate	0.220	0.177	19.5	112	0.00
30	TP	cis-1,2-Dichloroethene	0.136	0.138#	-1.5	120	0.00
31	TP	2,2-Dichloropropane	0.159	0.145	8.8	109	0.00
32	TP	Bromochloromethane	0.071	0.071#	0.0	120	0.00
33	TP	Cyclohexane	0.185	0.176	4.9	105	0.00
34	TP	Chloroform	0.217	0.223#	-2.8	128	0.00
35	TP	Ethyl acetate	0.073	0.066	9.6	121	0.00
36	TP	Carbon tetrachloride	0.181	0.183	-1.1	117	0.00
37	TP	Tetrahydrofuran	0.021	0.022	-4.8	131	0.00
38	S	Dibromofluoromethane	0.288	0.287	0.3	123	0.00
39	TP	1,1,1-Trichloroethane	0.186	0.200	-7.5	126	0.00
41	TP	2-Butanone	0.033	0.033	0.0	131	0.00
42	TP	1,1-Dichloropropene	0.142	0.160	-12.7	131	0.00
44	TP	Benzene	0.459	0.462	-0.7	127	0.00
45	TP	tert-Amyl methyl ether	0.231	0.212	8.2	126	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B17.D
Acq On : 14 Feb 2025 06:21 pm
Operator : VOA122:PID
Sample : C8260STD10PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 17 06:29:00 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	S	1,2-Dichloroethane-d4	0.256	0.246	3.9	122	0.00
47	T	1,2-Dichloroethane	0.145	0.141	2.8	122	0.00
50	TP	Methyl cyclohexane	0.158	0.147	7.0	107	0.00
51	TP	Trichloroethene	* 10.000	9.766	2.3	119	0.00
53	TP	Dibromomethane	0.053	0.051	3.8	123	0.00
54	TP	1,2-Dichloropropane	0.113	0.113#	0.0	122	0.00
56	TP	2-Chloroethyl vinyl ether	0.047	0.042	10.6	129	0.00
57	TP	Bromodichloromethane	0.162	0.150#	7.4	116	0.00
60	TP	1,4-Dioxane	0.00073	0.00079#	-8.2	138	0.00
61	TP	cis-1,3-Dichloropropene	0.166	0.168#	-1.2	123	0.00
62	I	Chlorobenzene-d5	1.000	1.000	0.0	124	0.00
63	S	Toluene-d8	1.262	1.259	0.2	122	0.00
64	TP	Toluene	0.377	0.408	-8.2	131	0.00
65	TP	4-Methyl-2-pentanone	0.028	0.023#	17.9	123	0.00
66	TP	Tetrachloroethene	0.181	0.181	0.0	125	0.00
68	TP	trans-1,3-Dichloropropene	* 10.000	9.091	9.1	125	0.00
70	TP	Ethyl methacrylate	0.102	0.103	-1.0	139	0.00
71	TP	1,1,2-Trichloroethane	0.097	0.092#	5.2	122	0.00
72	TP	Chlorodibromomethane	0.156	0.149#	4.5	123	0.00
73	TP	1,3-Dichloropropane	0.191	0.183	4.2	118	0.00
74	TP	1,2-Dibromoethane	0.119	0.117#	1.7	125	0.00
76	TP	2-Hexanone	0.050	0.043	14.0	126	0.00
77	TP	Chlorobenzene	0.474	0.479	-1.1	125	0.00
78	TP	Ethylbenzene	0.717	0.718	-0.1	119	0.00
79	TP	1,1,1,2-Tetrachloroethane	0.159	0.148	6.9	120	0.00
80	TP	p/m Xylene	0.285	0.293	-2.8	121	0.00
81	TP	o Xylene	0.281	0.284	-1.1	123	0.00
82	TP	Styrene	0.459	0.459	0.0	121	0.00
83	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	123	0.00
84	TP	Bromoform	0.185	0.170	8.1	126	0.00
86	TP	Isopropylbenzene	1.339	1.213	9.4	105	0.00
87	S	4-Bromofluorobenzene	0.814	0.841	-3.3	127	0.00
88	TP	Bromobenzene	0.376	0.370	1.6	119	0.00
89	TP	n-Propylbenzene	1.505	1.530	-1.7	119	0.00
90	TP	1,4-Dichlorobutane	0.338	0.360	-6.5	134	0.00
91	TP	1,1,2,2-Tetrachloroethane	0.264	0.248	6.1	119	0.00
92	TP	4-Ethyltoluene	1.269	1.375	-8.4	125	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B17.D
Acq On : 14 Feb 2025 06:21 pm
Operator : VOA122:PID
Sample : C8260STD10PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 17 06:29:00 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
93 TP	2-Chlorotoluene	0.960	0.926	3.5	113	0.00
94 TP	1,3,5-Trimethylbenzene	1.061	1.041	1.9	118	0.00
95 TP	1,2,3-Trichloropropane	0.201	0.182	9.5	114	0.00
96 TP	trans-1,4-Dichloro-2-butene	0.070	0.069	1.4	129	0.00
97 TP	4-Chlorotoluene	0.987	0.990	-0.3	119	0.00
98 TP	tert-Butylbenzene	1.065	1.073	-0.8	117	0.00
101 TP	1,2,4-Trimethylbenzene	1.210	1.238	-2.3	123	0.00
102 TP	sec-Butylbenzene	1.229	1.260	-2.5	116	0.00
103 TP	p-Isopropyltoluene	1.074	1.088	-1.3	117	0.00
104 TP	1,3-Dichlorobenzene	0.735	0.750	-2.0	124	0.00
105 TP	1,4-Dichlorobenzene	0.746	0.749	-0.4	122	0.00
106 TP	p-Diethylbenzene	0.622	0.615	1.1	117	0.00
107 TP	n-Butylbenzene	0.830	0.849	-2.3	119	0.00
108 TP	1,2-Dichlorobenzene	0.694	0.695	-0.1	124	0.00
109 TP	1,2,4,5-Tetramethylbenzene	0.972	0.989	-1.7	124	0.00
110 TP	1,2-Dibromo-3-chloropropane	0.044	0.044	0.0	128	0.00
111 TP	1,3,5-Trichlorobenzene	0.445	0.448	-0.7	120	0.00
112 TP	Hexachlorobutadiene	0.129	0.131	-1.6	120	0.00
113 TP	1,2,4-Trichlorobenzene	0.411	0.415	-1.0	123	0.00
114 TP	Naphthalene	0.903	0.936	-3.7	130	0.00
115 TP	1,2,3-Trichlorobenzene	0.360	0.377#	-4.7	125	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 14 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B17.D
Acq On : 14 Feb 2025 06:21 pm
Operator : VOA122:PID
Sample : C8260STD10PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 17 06:29:00 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.884	96	466506	10.000	ug/L	0.00
Standard Area 1 = 381716			Recovery = 122.21%			
62) Chlorobenzene-d5	9.414	117	373642	10.000	ug/L	0.00
Standard Area 1 = 302232			Recovery = 123.63%			
83) 1,4-Dichlorobenzene-d4	12.146	152	193040	10.000	ug/L	0.00
Standard Area 1 = 156852			Recovery = 123.07%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.076	113	133695	9.958	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.58%			
46) 1,2-Dichloroethane-d4	5.598	65	114942	9.614	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.14%			
63) Toluene-d8	7.576	98	470588	9.979	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.79%			
87) 4-Bromofluorobenzene	10.922	95	162285	10.333	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.33%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.585	85	73849	10.941	ug/L	98
3) Chloromethane	1.765	50	76207	11.688	ug/L	99
4) Vinyl chloride	1.836	62	82247	12.799	ug/L	98
5) Bromomethane	2.142	94	65533	14.271	ug/L	97
6) Chloroethane	2.244	64	53731	11.703	ug/L	98
7) Trichlorofluoromethane	2.385	101	103324	11.973	ug/L	100
8) Ethyl ether	2.683	74	25279	11.501	ug/L	94
10) 1,1-Dichloroethene	2.864	96	55722	11.147	ug/L	95
11) Carbon disulfide	2.895	76	129952	9.022	ug/L	98
12) Freon-113	2.903	101	56087	10.462	ug/L	98
13) Iodomethane	3.005	142	48590	6.965	ug/L	99
14) Acrolein	3.170	56	4767	8.528	ug/L	91
15) Methylene chloride	3.405	84	60388	10.192	ug/L	97
17) Acetone	3.437	43	9854	9.480	ug/L	95
18) trans-1,2-Dichloroethene	3.554	96	60293	10.696	ug/L	99
19) Methyl acetate	3.562	43	24104	9.720	ug/L	97
21) Methyl tert-butyl ether	3.648	73	100490	9.440	ug/L	97
22) tert-Butyl alcohol	3.727	59	11799	46.616	ug/L #	92
24) Diisopropyl ether	4.009	45	144012	9.196	ug/L	98
25) 1,1-Dichloroethane	4.127	63	101396	10.314	ug/L	99
26) Halothane	4.182	117	46412	9.794	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B17.D
Acq On : 14 Feb 2025 06:21 pm
Operator : VOA122:PID
Sample : C8260STD10PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 17 06:29:00 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) Acrylonitrile	4.166	53	11847	9.664	ug/L	96
28) Ethyl tert-butyl ether	4.354	59	120006	9.438	ug/L	94
29) Vinyl acetate	4.354	43	82800	8.050	ug/L	100
30) cis-1,2-Dichloroethene	4.637	96	64466	10.135	ug/L	99
31) 2,2-Dichloropropane	4.739	77	67579	9.112	ug/L	98
32) Bromochloromethane	4.833	128	33138	10.036	ug/L	95
33) Cyclohexane	4.841	56	82129	9.509	ug/L	99
34) Chloroform	4.904	83	103832	10.276	ug/L	97
35) Ethyl acetate	5.013	43	30758	9.083	ug/L	98
36) Carbon tetrachloride	5.037	117	85138	10.068	ug/L	99
37) Tetrahydrofuran	5.053	42	10410M6	10.788	ug/L	
39) 1,1,1-Trichloroethane	5.100	97	93407	10.778	ug/L	99
41) 2-Butanone	5.186	43	15174	9.910	ug/L	98
42) 1,1-Dichloropropene	5.225	75	74600	11.261	ug/L	98
44) Benzene	5.465	78	215434	10.065	ug/L	98
45) tert-Amyl methyl ether	5.584	73	98807	9.166	ug/L	97
47) 1,2-Dichloroethane	5.668	62	65750	9.734	ug/L	99
50) Methyl cyclohexane	6.059	83	68613	9.289	ug/L	98
51) Trichloroethene	6.059	95	59602	9.766	ug/L	95
53) Dibromomethane	6.491	93	23855	9.654	ug/L	98
54) 1,2-Dichloropropane	6.596	63	52777	9.983	ug/L	98
56) 2-Chloroethyl vinyl ether	7.298	63	19540	8.930	ug/L	95
57) Bromodichloromethane	6.672	83	69928	9.246	ug/L	100
60) 1,4-Dioxane	6.881	88	18321	534.470	ug/L	98
61) cis-1,3-Dichloropropene	7.360	75	78554	10.165	ug/L	98
64) Toluene	7.631	92	152453	10.820	ug/L	98
65) 4-Methyl-2-pentanone	8.062	58	8651	8.204	ug/L	97
66) Tetrachloroethene	8.083	166	67538	9.966	ug/L	98
68) trans-1,3-Dichloropropene	8.111	75	64999	9.091	ug/L	99
70) Ethyl methacrylate	8.305	69	38555	10.085	ug/L	93
71) 1,1,2-Trichloroethane	8.292	83	34494	9.543	ug/L	99
72) Chlorodibromomethane	8.507	129	55829	9.571	ug/L	99
73) 1,3-Dichloropropane	8.618	76	68536	9.622	ug/L	99
74) 1,2-Dibromoethane	8.778	107	43792	9.826	ug/L	98
76) 2-Hexanone	9.071	43	16076	8.573	ug/L	97
77) Chlorobenzene	9.435	112	179094	10.112	ug/L	98
78) Ethylbenzene	9.484	91	268222	10.011	ug/L	99
79) 1,1,1,2-Tetrachloroethane	9.519	131	55241	9.298	ug/L	99
80) p/m Xylene	9.667	106	218917	20.534	ug/L	100
81) o Xylene	10.214	106	211912	20.149	ug/L	97

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B17.D
Acq On : 14 Feb 2025 06:21 pm
Operator : VOA122:PID
Sample : C8260STD10PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 17 06:29:00 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250214BICAL\V22250214B08.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Styrene	10.284	104	343179	19.996	ug/L	100
84) Bromoform	10.298	173	32808	9.211	ug/L	97
86) Isopropylbenzene	10.606	105	234092	9.055	ug/L	99
88) Bromobenzene	11.034	156	71391	9.826	ug/L	100
89) n-Propylbenzene	11.090	91	295387	10.166	ug/L	99
90) 1,4-Dichlorobutane	11.097	55	69496	10.658	ug/L	99
91) 1,1,2,2-Tetrachloroethane	11.174	83	47877	9.406	ug/L	100
92) 4-Ethyltoluene	11.223	105	265487	10.841	ug/L	99
93) 2-Chlorotoluene	11.251	91	178709M6	9.642	ug/L	
94) 1,3,5-Trimethylbenzene	11.322	105	200883	9.804	ug/L	100
95) 1,2,3-Trichloropropane	11.315	75	35039	9.026	ug/L	99
96) trans-1,4-Dichloro-2-b...	11.364	53	13257	9.849	ug/L	100
97) 4-Chlorotoluene	11.441	91	191046	10.025	ug/L	99
98) tert-Butylbenzene	11.665	119	207217	10.083	ug/L	99
101) 1,2,4-Trimethylbenzene	11.742	105	238973	10.232	ug/L	98
102) sec-Butylbenzene	11.853	105	243243	10.256	ug/L	100
103) p-Isopropyltoluene	12.014	119	210033	10.131	ug/L	99
104) 1,3-Dichlorobenzene	12.069	146	144752	10.200	ug/L	99
105) 1,4-Dichlorobenzene	12.167	146	144651	10.046	ug/L	99
106) p-Diethylbenzene	12.389	119	118788	9.886	ug/L	100
107) n-Butylbenzene	12.445	91	163983	10.234	ug/L	99
108) 1,2-Dichlorobenzene	12.591	146	134202	10.011	ug/L	99
109) 1,2,4,5-Tetramethylben...	13.190	119	190867	10.171	ug/L	100
110) 1,2-Dibromo-3-chloropr...	13.371	155	8465	9.972	ug/L	99
111) 1,3,5-Trichlorobenzene	13.406	180	86499	10.063	ug/L	98
112) Hexachlorobutadiene	13.990	225	25235	10.168	ug/L	98
113) 1,2,4-Trichlorobenzene	14.004	180	80076	10.104	ug/L	99
114) Naphthalene	14.304	128	180718	10.367	ug/L	100
115) 1,2,3-Trichlorobenzene	14.471	180	72857	10.479	ug/L	99

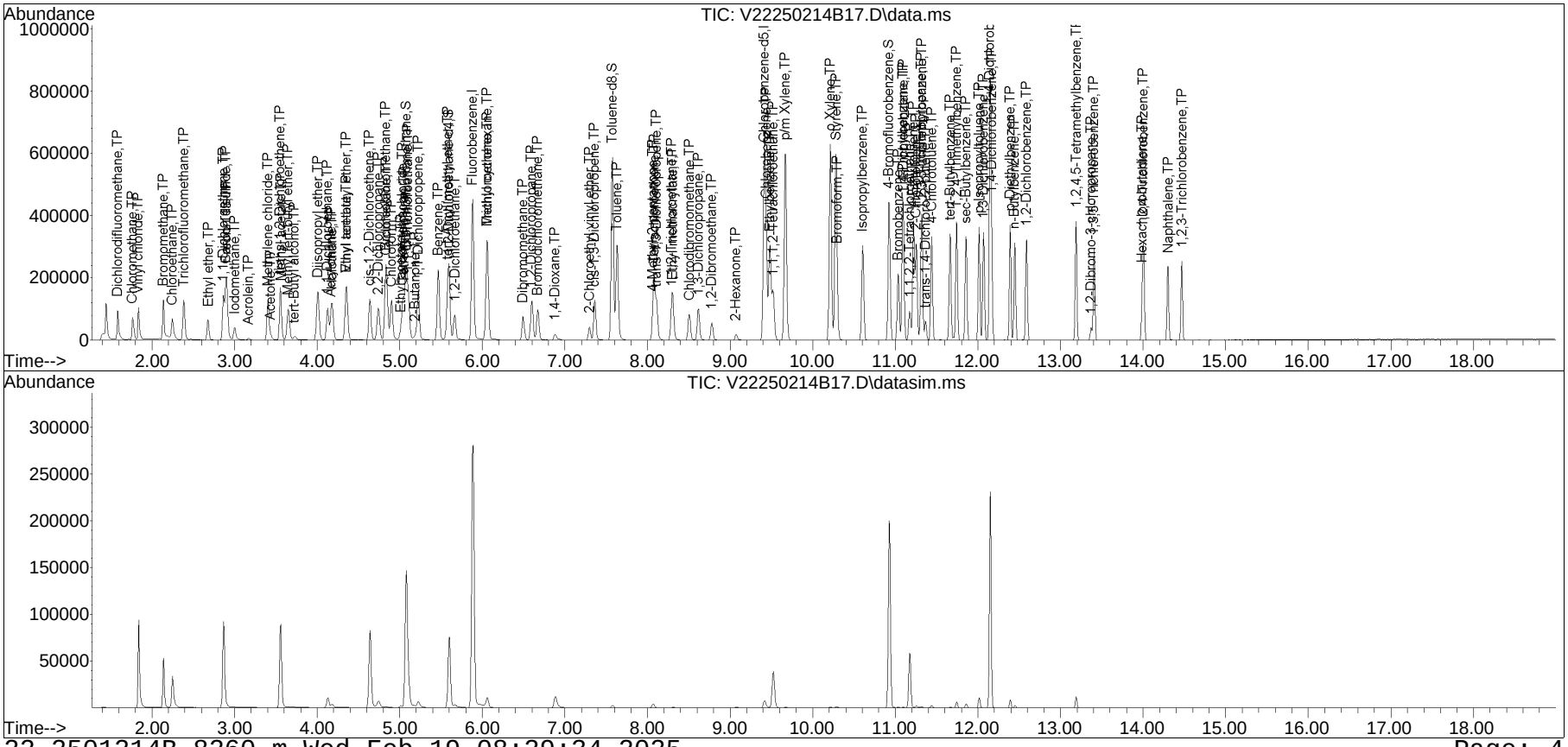
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250214BICAL\
Data File : V22250214B17.D
Acq On : 14 Feb 2025 06:21 pm
Operator : VOA122:PID
Sample : C8260STD10PPB
Misc : WG2030850,ICAL (Sig #1); WG,ICAL21981 (Sig #2)
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 17 06:29:00 2025
Quant Method : K:\VOA122\2025\250214BICAL\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox\V22250214B08.D•

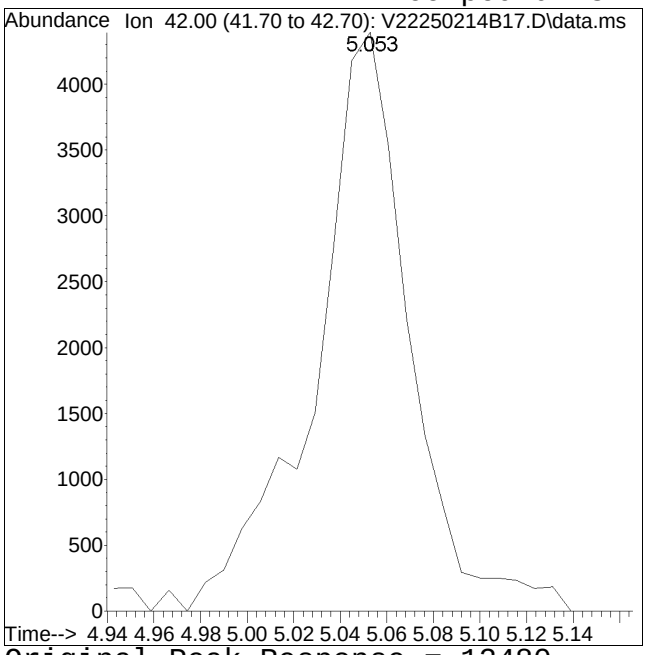


Manual Integration Report

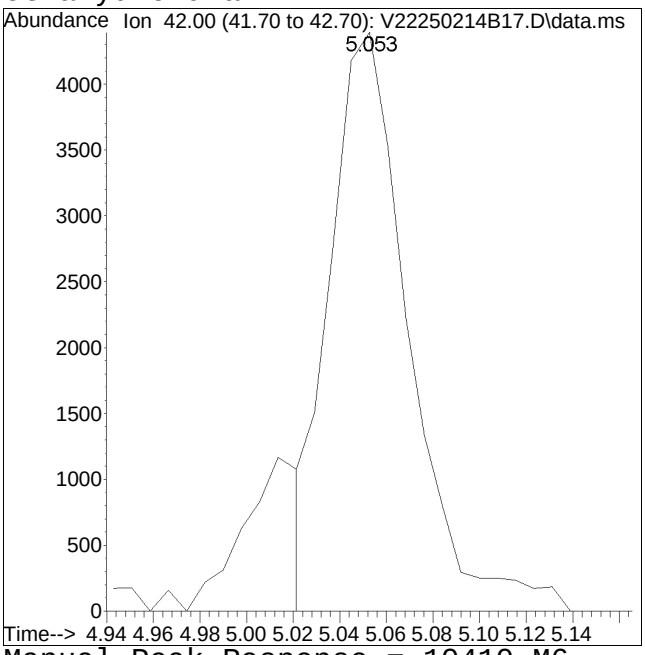
Data Path : K:\VOA122\2025\250214BICALQ
Data File : V22250214B17.D
Date Inj'd : 2/14/2025 6:21 pm
Sample : C8260STD10PPB

Method : V122_2501214B_8260.m
Operator : VOA122:PID
Instrument : VOA 122
Quant Date : 2/17/2025 6:28 am

Compound #37: Tetrahydrofuran



Original Peak Response = 12480



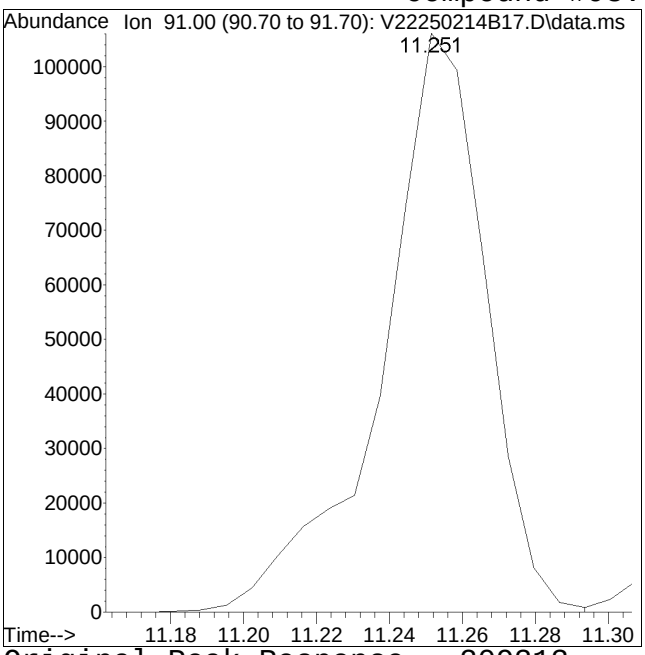
Manual Peak Response = 10410 M6

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

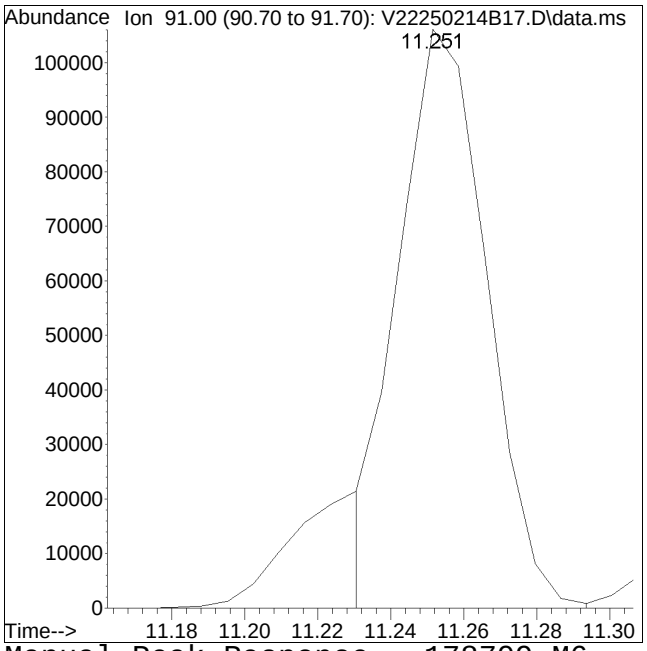
Manual Integration Report

Data Path : K:\VOA122\2025\250214BICALQMethod : V122_2501214B_8260.m
Data File : V22250214B17.D Operator : VOA122:PID
Date Inj'd : 2/14/2025 6:21 pm Instrument : VOA 122
Sample : C8260STD10PPB Quant Date : 2/17/2025 6:28 am

Compound #93: 2-Chlorotoluene



Original Peak Response = 209313



Manual Peak Response = 178709 M6

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

Evaluate Relative Error Report VOA 122

Method Path : K:\VOA122\2025\250214BICAL\
Method File : V122_2501214B_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Feb 17 06:27:48 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
4	TP Vinyl chloride	L	ug/L	10.0	11.825	18.2	0.19	0.176	-7.4
51	TP Trichloroethene	L	ug/L	10.0	10.071	0.7	0.19	0.221	16.3
68	TP trans-1,3-Dichloropropene	Q	ug/L	10.0	8.991	-10.1	0.19	0.246	29.5

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
4	TP Vinyl chloride	Linear	0.998901	0.000000	0.135466	0.00292769
51	TP Trichloroethene	Linear	0.999370	0.000000	0.129464	0.00133002
68	TP trans-1,3-Dichloropropene	Quadratic	0.999432	0.000813	0.193473	-0.00260346

Response Factor Report VOA105

Method Path : K:\VOA105\2025\250220NICAL\
Method File : V105_250220N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Feb 21 12:33:29 2025
Response Via : Initial Calibration

Calibration Files
L11 =V05250220N04.D L1 =V05250220N05.D L2 =V05250220N07.D L3 =V05250220N09.D L4 =V05250220N10.D
L6 =V05250220N11.D L8 =V05250220N12.D L10 =V05250220N13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------	----------	ISTD	----------	----------	----------	----------	----------		
2)	TP	Dichlorodifluo...		0.174	0.337	0.338	0.332	0.315	0.307	0.287	0.299	19.39
3)	TP	Chloromethane		0.314	0.435	0.413	0.403	0.390	0.376	0.363	0.385	10.14
4)	TP	Vinyl chloride	0.240	0.160	0.275	0.269	0.266	0.266	0.299	0.288	0.258	16.79
5)	TP	Bromomethane		0.082	0.103	0.108	0.114	0.128	0.137	0.140	0.116	17.75
6)	TP	Chloroethane		0.086	0.148	0.142	0.140	0.137	0.131	0.122	0.130	15.96
7)	TP	Trichlorofluor...		0.209	0.394	0.392	0.383	0.368	0.350	0.325	0.346	18.79
8)	TP	Ethyl ether		0.057	0.068	0.077	0.075	0.075	0.076	0.073	0.072	9.58
10)	TP	1,1-Dichloroet...		0.103	0.174	0.182	0.177	0.177	0.174	0.169	0.165	16.75
11)	TP	Carbon disulfide		0.356	0.531	0.536	0.531	0.543	0.540	0.526	0.509	13.34
12)	TP	Freon-113		0.106	0.207	0.207	0.204	0.199	0.195	0.183	0.186	19.42
13)	TP	Iodomethane		0.258	0.332	0.362	0.372	0.374	0.326	0.300	0.332	12.82
14)	TP	Acrolein			0.019	0.028	0.031	0.032	0.034	0.032	0.029	18.51
15)	TP	Methylene chlo...		0.233	0.255	0.244	0.235	0.230	0.229	0.221	0.235	4.74
17)	TP	Acetone			0.069	0.052	0.045	0.042	0.043	0.041	*L	0.9992
18)	TP	trans-1,2-Dich...		0.145	0.248	0.245	0.240	0.238	0.234	0.226	0.225	15.98
19)	TP	Methyl acetate			0.086	0.116	0.120	0.119	0.122	0.111	0.112	11.95
20)	TP	Methyl tert-bu...		0.355	0.414	0.478	0.485	0.492	0.499	0.481	0.458	11.61
21)	TP	tert-Butyl alc...			0.008	0.011	0.010	0.011	0.011	0.011	0.010	13.38
22)	TP	Diisopropyl ether		0.708	0.836	0.915	0.926	0.916	0.905	0.857	0.866	8.95
23)	TP	1,1-Dichloroet...		0.380	0.513	0.520	0.501	0.488	0.478	0.461	0.477	9.96
24)	TP	Halothane		0.126	0.185	0.199	0.193	0.188	0.185	0.178	0.179	13.50
25)	TP	Acrylonitrile			0.055	0.069	0.067	0.068	0.070	0.065	0.066	8.67
26)	TP	Ethyl tert-but...		0.520	0.620	0.705	0.721	0.733	0.733	0.700	0.676	11.69
27)	TP	Vinyl acetate			0.320	0.410	0.444	0.464	0.473	0.448	0.427	13.27
28)	TP	cis-1,2-Dichlo...		0.177	0.260	0.269	0.259	0.255	0.251	0.243	0.245	12.69
29)	TP	2,2-Dichloropr...		0.213	0.340	0.337	0.355	0.353	0.348	0.336	0.326	15.45
30)	TP	Bromochloromet...		0.094	0.136	0.136	0.128	0.121	0.116	0.108	0.120	12.82
31)	TP	Cyclohexane		0.306	0.587	0.622	0.609	0.582	0.569	0.529	*Q	1.0000
32)	TP	Chloroform		0.351	0.450	0.449	0.429	0.419	0.409	0.391	0.414	8.47
33)	TP	Ethyl acetate			0.128	0.178	0.172	0.177	0.183	0.172	0.168	11.94

Response Factor Report VOA105

Method Path : K:\VOA105\2025\250220NICAL\
Method File : V105_250220N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Feb 21 12:33:29 2025
Response Via : Initial Calibration

Calibration Files
L11 =V05250220N04.D L1 =V05250220N05.D L2 =V05250220N07.D L3 =V05250220N09.D L4 =V05250220N10.D
L6 =V05250220N11.D L8 =V05250220N12.D L10 =V05250220N13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
34)	TP	Carbon tetrach...	0.280	0.232	0.361	0.386	0.386	0.384	0.375	0.356	0.345	16.63
35)	TP	Tetrahydrofuran			0.047	0.053	0.051	0.050	0.055	0.051	0.051	5.51
36)	S	Dibromofluorom...	0.278	0.281	0.295	0.286	0.288	0.278	0.271	0.266	0.280	3.29
37)	TP	1,1,1-Trichlor...		0.242	0.404	0.413	0.409	0.401	0.391	0.373	0.376	16.17
39)	TP	2-Butanone			0.072	0.092	0.085	0.084	0.086	0.080	0.083	7.98
40)	TP	1,1-Dichloropr...		0.164	0.290	0.338	0.333	0.328	0.325	0.311	*L	0.9991
41)	TP	Benzene	0.739	0.658	0.920	0.935	0.907	0.893	0.883	0.855	0.849	11.56
42)	TP	tert-Amyl meth...		0.350	0.393	0.446	0.462	0.481	0.494	0.480	0.444	11.98
43)	S	1,2-Dichloroet...	0.328	0.330	0.335	0.346	0.320	0.316	0.309	0.302	0.323	4.38
44)	TP	1,2-Dichloroet...	0.273	0.305	0.349	0.351	0.331	0.322	0.314	0.298	0.318	8.23
47)	TP	Methyl cyclohe...		0.229	0.416	0.444	0.447	0.438	0.439	0.413	0.404	19.40
48)	TP	Trichloroethene	0.220	0.193	0.266	0.268	0.258	0.252	0.246	0.237	0.242	10.53
50)	TP	Dibromomethane		0.098	0.124	0.133	0.129	0.126	0.128	0.124	0.123	9.30
51)	TP	1,2-Dichloropr...		0.213	0.258	0.274	0.272	0.268	0.267	0.260	0.259	8.15
53)	TP	2-Chloroethyl ...			0.084	0.117	0.127	0.135	0.138	0.135	0.123	16.54
54)	TP	Bromodichlorom...		0.233	0.301	0.321	0.322	0.320	0.320	0.310	0.304	10.60
57)	TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	13.11
58)	TP	cis-1,3-Dichlo...	0.194	0.208	0.282	0.339	0.351	0.361	0.364		*Q	0.9998
59)	I	Chlorobenzene-d5	----------	ISTD	----------							
60)	S	Toluene-d8	1.296	1.313	1.309	1.319	1.297	1.290	1.294	1.300	1.302	0.79
61)	TP	Toluene		0.567	0.769	0.788	0.748	0.739	0.731	0.715	0.723	10.03
62)	TP	4-Methyl-2-pen...			0.055	0.072	0.075	0.079	0.082	0.079	0.074	13.62
63)	TP	Tetrachloroethene	0.306	0.236	0.379	0.391	0.377	0.369	0.365	0.353	0.347	14.95
65)	TP	trans-1,3-Dich...	0.176	0.207	0.287	0.360	0.374	0.384	0.390		*Q	0.9997
67)	TP	Ethyl methacry...			0.157	0.215	0.228	0.237	0.243	0.237	0.220	14.65
68)	TP	1,1,2-Trichlor...		0.159	0.177	0.195	0.183	0.178	0.180	0.173	0.178#	6.15
69)	TP	Chlorodibromom...		0.204	0.266	0.310	0.309	0.311	0.314	0.308	0.289	14.23
70)	TP	1,3-Dichloropr...		0.323	0.366	0.402	0.385	0.382	0.385	0.373	0.374	6.70
71)	TP	1,2-Dibromoethane		0.150	0.207	0.230	0.228	0.227	0.231	0.223	0.214	13.72
72)	TP	2-Hexanone			0.081	0.117	0.122	0.130	0.137	0.133	0.120	16.97
73)	TP	Chlorobenzene		0.723	0.901	0.931	0.894	0.877	0.865	0.847	0.863	7.79

Response Factor Report VOA105

Method Path : K:\VOA105\2025\250220NICAL\
Method File : V105_250220N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Feb 21 12:33:29 2025
Response Via : Initial Calibration

Calibration Files
L11 =V05250220N04.D L1 =V05250220N05.D L2 =V05250220N07.D L3 =V05250220N09.D L4 =V05250220N10.D
L6 =V05250220N11.D L8 =V05250220N12.D L10 =V05250220N13.D

		Compound		L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
74)	TP	Ethylbenzene		1.003	1.432	1.528	1.482	1.458	1.436	1.393	1.390	12.66	
75)	TP	1,1,1,2-Tetrac...		0.248	0.298	0.336	0.326	0.331	0.328	0.318	0.312	9.90	
76)	TP	p/m Xylene		0.368	0.549	0.613	0.585	0.568	0.554	0.531	0.538	14.84	
77)	TP	o Xylene		0.338	0.533	0.583	0.560	0.547	0.536	0.514	0.516	15.80	
78)	TP	Styrene		0.538	0.846	0.948	0.913	0.892	0.872	0.829	0.834	16.37	
79)	I	1,4-Dichlorobenzene-d4	ISTD										
80)	TP	Bromoform		0.180	0.239	0.292	0.294	0.306	0.341	0.335	*L	0.9977	
82)	TP	Isopropylbenzene		1.482	2.394	2.686	2.650	2.643	2.657	2.634	2.449	17.87	
83)	S	4-Bromofluorob...	0.826	0.802	0.785	0.790	0.777	0.780	0.816	0.820	0.799	2.40	
84)	TP	Bromobenzene		0.485	0.606	0.638	0.625	0.625	0.636	0.633	0.607	9.00	
85)	TP	n-Propylbenzene		1.941	2.853	3.057	3.010	2.996	3.009	2.947	2.830	14.04	
86)	TP	1,4-Dichlorobu...		0.776	0.764	0.799	0.756	0.750	0.766	0.740	0.764	2.53	
87)	TP	1,1,2,2-Tetrac...	0.405	0.426	0.419	0.440	0.417	0.417	0.430	0.418	0.422	2.48	
88)	TP	4-Ethyltoluene		1.553	2.410	2.639	2.601	2.579	2.569	2.507	2.408	15.96	
89)	TP	2-Chlorotoluene		1.312	1.791	1.817	1.746	1.721	1.736	1.651	1.682	10.20	
90)	TP	1,3,5-Trimethy...		1.444	2.172	2.322	2.264	2.223	2.210	2.160	2.113	14.21	
91)	TP	1,2,3-Trichlor...		0.333	0.332	0.351	0.331	0.328	0.337	0.329	0.334	2.39	
92)	TP	trans-1,4-Dich...			0.128	0.157	0.148	0.152	0.158	0.153	0.149	7.48	
93)	TP	4-Chlorotoluene		1.359	1.796	1.817	1.795	1.791	1.798	1.788	1.735	9.57	
94)	TP	tert-Butylbenzene		1.145	1.818	2.009	2.001	1.984	2.000	1.953	1.844	17.10	
97)	TP	1,2,4-Trimethy...		1.231	1.953	2.230	2.202	2.184	2.179	2.127	2.015	17.76	
98)	TP	sec-Butylbenzene		1.603	2.645	2.852	2.803	2.793	2.786	2.706	2.598	17.10	
99)	TP	p-Isopropyltol...		1.320	2.235	2.541	2.539	2.536	2.528	2.448	2.307	19.46	
100)	TP	1,3-Dichlorobe...		0.959	1.257	1.307	1.272	1.258	1.261	1.230	1.220	9.63	
101)	TP	1,4-Dichlorobe...		1.135	1.300	1.317	1.280	1.255	1.257	1.235	1.254	4.74	
102)	TP	p-Diethylbenzene		0.813	1.272	1.461	1.492	1.489	1.495	1.456	1.354	18.55	
103)	TP	n-Butylbenzene		1.124	1.903	1.985	1.965	1.953	1.962	1.886	1.826	17.05	
104)	TP	1,2-Dichlorobe...		0.902	1.132	1.182	1.145	1.130	1.137	1.105	1.105	8.34	
105)	TP	1,2,4,5-Tetram...			1.554	2.062	2.171	2.202	2.217	2.158	2.061	12.33	
106)	TP	1,2-Dibromo-3-...		0.015	0.052	0.065	0.067	0.072	0.074	0.073	*L	0.9994	
107)	TP	1,3,5-Trichlor...		0.598	0.808	0.870	0.854	0.858	0.861	0.833	0.812	11.88	

Method Path : K:\VOA105\2025\250220NICAL\
Method File : V105_250220N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Feb 21 12:33:29 2025
Response Via : Initial Calibration

Calibration Files
L11 =V05250220N04.D L1 =V05250220N05.D L2 =V05250220N07.D L3 =V05250220N09.D L4 =V05250220N10.D
L6 =V05250220N11.D L8 =V05250220N12.D L10 =V05250220N13.D

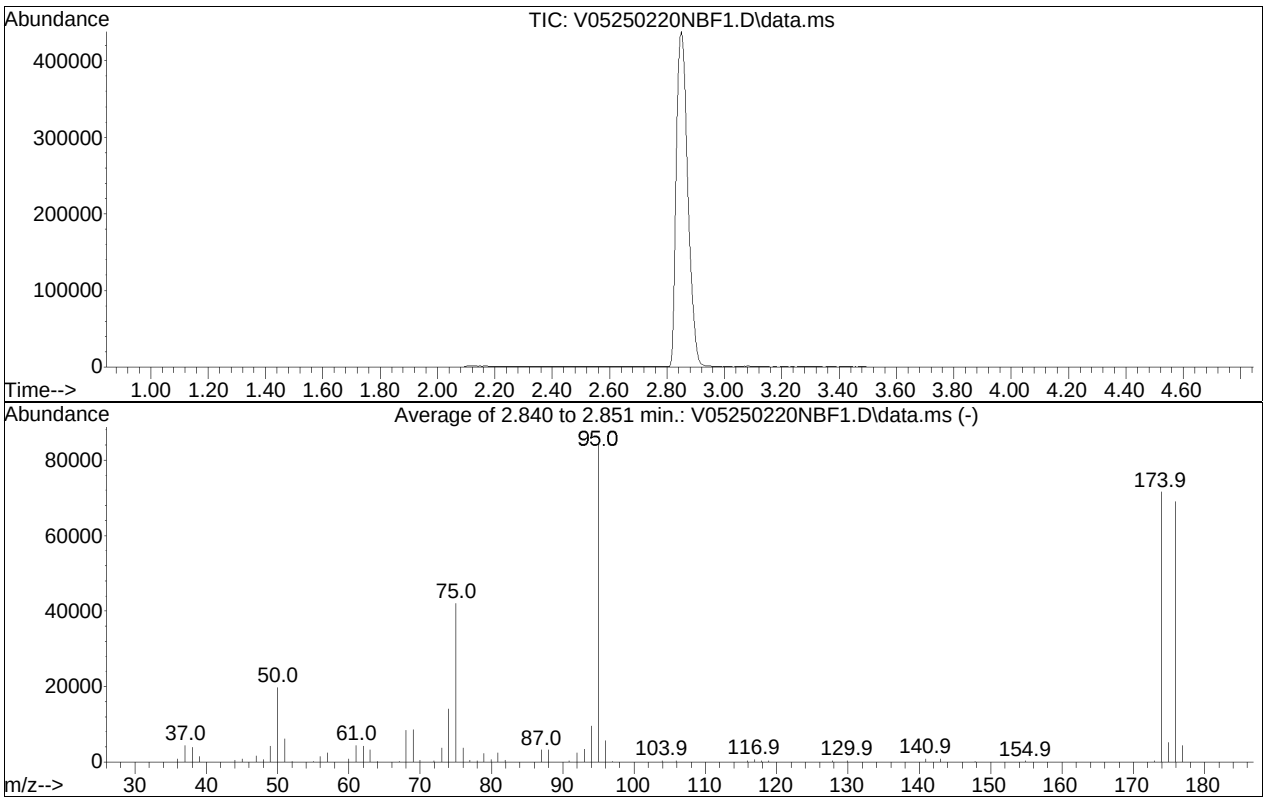
	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
108)	TP Hexachlorobuta...	0.192	0.283	0.297	0.298	0.304	0.311	0.305	0.284	14.67	
109)	TP 1,2,4-Trichlor...	0.471	0.644	0.722	0.728	0.724	0.736	0.712	0.677	14.13	
110)	TP Naphthalene	0.895	1.110	1.472	1.497	1.496	1.547	1.476	1.356	18.50	
111)	TP 1,2,3-Trichlor...	0.397	0.541	0.624	0.609	0.600	0.610	0.593	0.568	14.08	

(#) = Out of Range

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220NBF1.D
Acq On : 20 Feb 2025 10:13 pm
Operator : VOA105:TMS
Sample : WG2032723-1
Misc : WG2032723
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Feb 21 12:33:29 2025



AutoFind: Scans 138, 139, 140; Background Corrected with Scan 130

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.4	19800	PASS
75	95	30	60	49.7	42083	PASS
95	95	100	100	100.0	84635	PASS
96	95	5	9	6.8	5740	PASS
173	174	0.00	2	0.6	406	PASS
174	95	50	100	84.6	71613	PASS
175	174	5	9	7.2	5132	PASS
176	174	95	101	96.4	69048	PASS
177	176	5	9	6.4	4424	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N04.D
Acq On : 21 Feb 2025 12:05 am
Operator : VOA105:PID
Sample : I8260STD0.19PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 21 12:21:46 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-L11_NJnew - L11 new NJ

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.598	96	231561	10.000 ug/L	0.00
Standard Area 1 = 207883			Recovery = 111.39%		
59) Chlorobenzene-d5	9.077	117	174671	10.000 ug/L	0.00
Standard Area 1 = 162110			Recovery = 107.75%		
79) 1,4-Dichlorobenzene-d4	11.868	152	97508	10.000 ug/L	0.00
Standard Area 1 = 96637			Recovery = 100.90%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.815	113	64363	9.912 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.12%		
43) 1,2-Dichloroethane-d4	5.323	65	75873	10.134 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.34%		
60) Toluene-d8	7.256	98	226287	9.950 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.50%		
83) 4-Bromofluorobenzene	10.623	95	80501	10.327 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.27%		
Target Compounds					Qvalue
4) Vinyl chloride	1.698	62	1057	0.177 ug/L	90
34) Carbon tetrachloride	4.760	117	1233	0.154 ug/L #	79
41) Benzene	5.189	78	3253M6	0.165 ug/L	
44) 1,2-Dichloroethane	5.401	62	1202	0.163 ug/L #	82
48) Trichloroethene	5.782	95	969	0.173 ug/L	88
58) cis-1,3-Dichloropropene	7.066	75	855	0.120 ug/L #	76
63) Tetrachloroethene	7.750	166	1014	0.167 ug/L	74
65) trans-1,3-Dichloropropene	7.835	75	583	0.104 ug/L #	58
87) 1,1,2,2-Tetrachloroethane	10.892	83	751	0.183 ug/L #	80

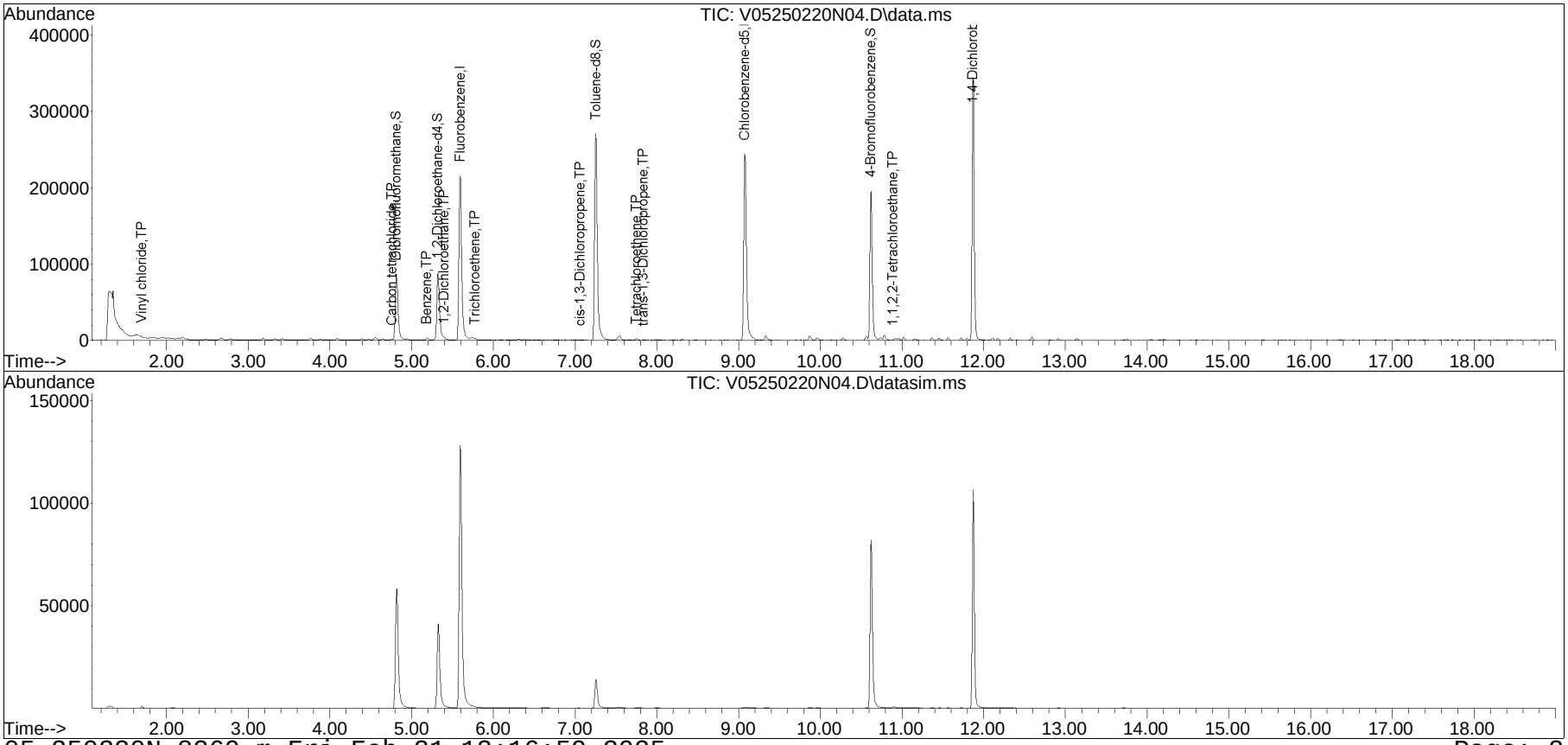
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N04.D
Acq On : 21 Feb 2025 12:05 am
Operator : VOA105:PID
Sample : I8260STD0.19PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 21 12:21:46 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

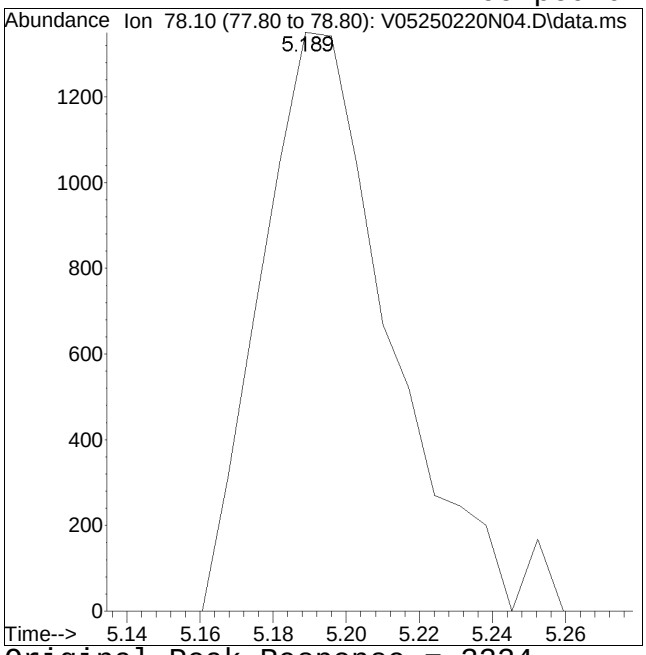
Sub List : 8260-L11_NJnew - L11 new NJCAL\V05250220N09.D•



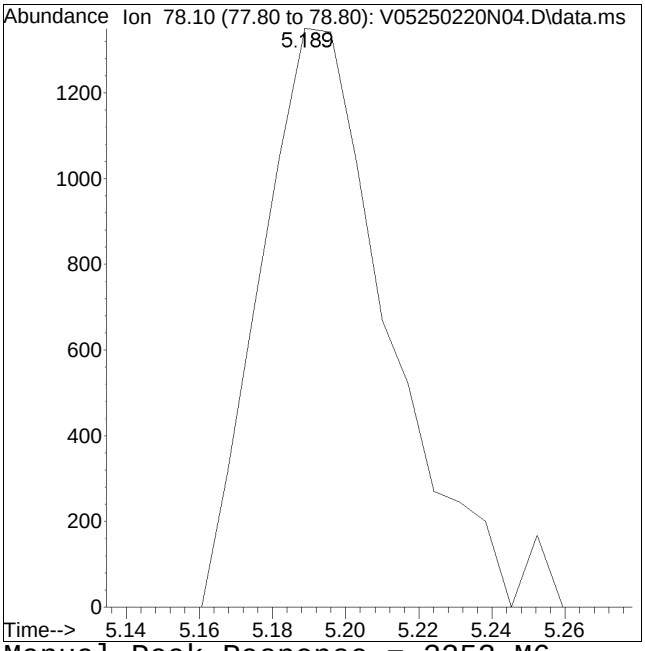
Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQ
Data File : V05250220N04.D
Date Inj'd : 2/21/2025 12:05 am
Sample : I8260STD0.19PPB
Method : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 2/21/2025 12:21 pm

Compound #41: Benzene



Original Peak Response = 3324



Manual Peak Response = 3253 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N05.D
Acq On : 21 Feb 2025 12:30 am
Operator : VOA105:PID
Sample : I8260STD0.5PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 21 12:21:53 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.591	96	222520	10.000 ug/L	0.00
Standard Area 1 = 207883			Recovery = 107.04%		
59) Chlorobenzene-d5	9.077	117	168705	10.000 ug/L	0.00
Standard Area 1 = 162110			Recovery = 104.07%		
79) 1,4-Dichlorobenzene-d4	11.868	152	97805	10.000 ug/L	0.00
Standard Area 1 = 96637			Recovery = 101.21%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.815	113	62435	10.006 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.06%		
43) 1,2-Dichloroethane-d4	5.323	65	73517	10.219 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.19%		
60) Toluene-d8	7.256	98	221471	10.082 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.82%		
83) 4-Bromofluorobenzene	10.616	95	78439	10.032 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.32%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.465	85	1936	0.291 ug/L #	89
3) Chloromethane	1.630	50	3498	0.409 ug/L #	93
4) Vinyl chloride	1.698	62	1776	0.310 ug/L	99
5) Bromomethane	1.973	94	911	0.353 ug/L	97
6) Chloroethane	2.069	64	962	0.334 ug/L	97
7) Trichlorofluoromethane	2.200	101	2327	0.302 ug/L	96
8) Ethyl ether	2.488	74	639	0.401 ug/L #	65
10) 1,1-Dichloroethene	2.653	96	1146	0.312 ug/L	89
11) Carbon disulfide	2.680	76	3956	0.349 ug/L #	88
12) Freon-113	2.680	101	1181	0.286 ug/L #	66
13) Iodomethane	2.783	142	2866	0.388 ug/L	95
14) Acrolein	0.000		0	N.D.	
15) Methylene chloride	3.181	84	2596	0.496 ug/L	96
17) Acetone	3.263	43	1352	1.026 ug/L #	49
18) trans-1,2-Dichloroethene	3.325	96	1615	0.322 ug/L	87
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	3.414	73	3951	0.388 ug/L #	64
21) tert-Butyl alcohol	0.000		0	N.D. d	
22) Diisopropyl ether	3.758	45	7874	0.409 ug/L	97
23) 1,1-Dichloroethane	3.881	63	4228	0.398 ug/L	93
24) Halothane	3.943	117	1406	0.353 ug/L #	71

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N05.D
Acq On : 21 Feb 2025 12:30 am
Operator : VOA105:PID
Sample : I8260STD0.5PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 21 12:21:53 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Acrylonitrile	0.000		0	N.D. d	
26) Ethyl tert-butyl ether	4.087	59	5783	0.384 ug/L #	66
27) Vinyl acetate	0.000		0	N.D. d	
28) cis-1,2-Dichloroethene	4.389	96	1966	0.361 ug/L	83
29) 2,2-Dichloropropane	4.471	77	2371	0.327 ug/L	83
30) Bromochloromethane	4.574	128	1045	0.392 ug/L #	72
31) Cyclohexane	4.547	56	3407	0.282 ug/L	95
32) Chloroform	4.643	83	3901	0.423 ug/L	95
33) Ethyl acetate	0.000		0	N.D. d	
34) Carbon tetrachloride	4.760	117	2586	0.337 ug/L #	89
35) Tetrahydrofuran	0.000		0	N.D. d	
37) 1,1,1-Trichloroethane	4.822	97	2688	0.321 ug/L	96
39) 2-Butanone	0.000		0	N.D. d	
40) 1,1-Dichloropropene	4.945	75	1826	0.275 ug/L #	84
41) Benzene	5.189	78	7325	0.388 ug/L	93
42) tert-Amyl methyl ether	5.295	73	3893	0.394 ug/L	93
44) 1,2-Dichloroethane	5.401	62	3394	0.480 ug/L #	91
47) Methyl cyclohexane	5.732	83	2543	0.283 ug/L	97
48) Trichloroethene	5.775	95	2144	0.397 ug/L	89
50) Dibromomethane	6.219	93	1095	0.399 ug/L	95
51) 1,2-Dichloropropane	6.311	63	2369	0.411 ug/L	93
53) 2-Chloroethyl vinyl ether	7.045	63	390	0.159 ug/L #	69
54) Bromodichloromethane	6.381	83	2590	0.383 ug/L #	96
57) 1,4-Dioxane	6.600	88	1783	74.400 ug/L	95
58) cis-1,3-Dichloropropene	7.066	75	2310	0.338 ug/L #	92
61) Toluene	7.313	92	4787	0.393 ug/L	92
62) 4-Methyl-2-pentanone	0.000		0	N.D. d	
63) Tetrachloroethene	7.750	166	1988	0.340 ug/L	99
65) trans-1,3-Dichloropropene	7.821	75	1742	0.323 ug/L	89
67) Ethyl methacrylate	8.011	69	779	0.229 ug/L #	47
68) 1,1,2-Trichloroethane	7.990	83	1339	0.446 ug/L	95
69) Chlorodibromomethane	8.195	129	1718	0.353 ug/L	95
70) 1,3-Dichloropropane	8.315	76	2725	0.432 ug/L	89
71) 1,2-Dibromoethane	8.463	107	1262	0.350 ug/L	96
72) 2-Hexanone	0.000		0	N.D. d	
73) Chlorobenzene	9.098	112	6101	0.419 ug/L #	78
74) Ethylbenzene	9.140	91	8458	0.361 ug/L	93
75) 1,1,1,2-Tetrachloroethane	9.183	131	2090	0.397 ug/L #	82
76) p/m Xylene	9.331	106	6201	0.683 ug/L	94
77) o Xylene	9.874	106	5699	0.655 ug/L	86

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N05.D
Acq On : 21 Feb 2025 12:30 am
Operator : VOA105:PID
Sample : I8260STD0.5PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 21 12:21:53 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	9.952	104	9076	0.645	ug/L		98
80) Bromoform	9.973	173	878	0.316	ug/L		86
82) Isopropylbenzene	10.277	105	7247	0.303	ug/L		95
84) Bromobenzene	10.736	156	2373	0.400	ug/L		95
85) n-Propylbenzene	10.786	91	9491	0.343	ug/L		94
86) 1,4-Dichlorobutane	10.814	55	3794	0.508	ug/L	#	87
87) 1,1,2,2-Tetrachloroethane	10.892	83	2082	0.505	ug/L	#	92
88) 4-Ethyltoluene	10.913	105	7596	0.322	ug/L		96
89) 2-Chlorotoluene	10.956	91	6416M6	0.390	ug/L		
90) 1,3,5-Trimethylbenzene	11.019	105	7061	0.342	ug/L		95
91) 1,2,3-Trichloropropane	11.026	75	1627	0.497	ug/L	#	86
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d		
93) 4-Chlorotoluene	11.154	91	6645	0.392	ug/L		88
94) tert-Butylbenzene	11.366	119	5600	0.310	ug/L		95
97) 1,2,4-Trimethylbenzene	11.451	105	6019	0.305	ug/L		100
98) sec-Butylbenzene	11.564	105	7838	0.308	ug/L		94
99) p-Isopropyltoluene	11.720	119	6455	0.286	ug/L		99
100) 1,3-Dichlorobenzene	11.797	146	4690	0.393	ug/L		96
101) 1,4-Dichlorobenzene	11.882	146	5551M3	0.453	ug/L		
102) p-Diethylbenzene	12.109	119	3976	0.300	ug/L		97
103) n-Butylbenzene	12.165	91	5497	0.308	ug/L		91
104) 1,2-Dichlorobenzene	12.321	146	4413	0.408	ug/L		97
105) 1,2,4,5-Tetramethylben...	12.915	119	5159	0.275	ug/L		98
106) 1,2-Dibromo-3-chloropr...	13.106	155	71	0.121	ug/L	#	1
107) 1,3,5-Trichlorobenzene	13.141	180	2925	0.368	ug/L		98
108) Hexachlorobutadiene	13.714	225	939	0.338	ug/L		91
109) 1,2,4-Trichlorobenzene	13.743	180	2305	0.348	ug/L		98
110) Naphthalene	14.040	128	4376	0.330	ug/L		100
111) 1,2,3-Trichlorobenzene	14.202	180	1939	0.349	ug/L		88

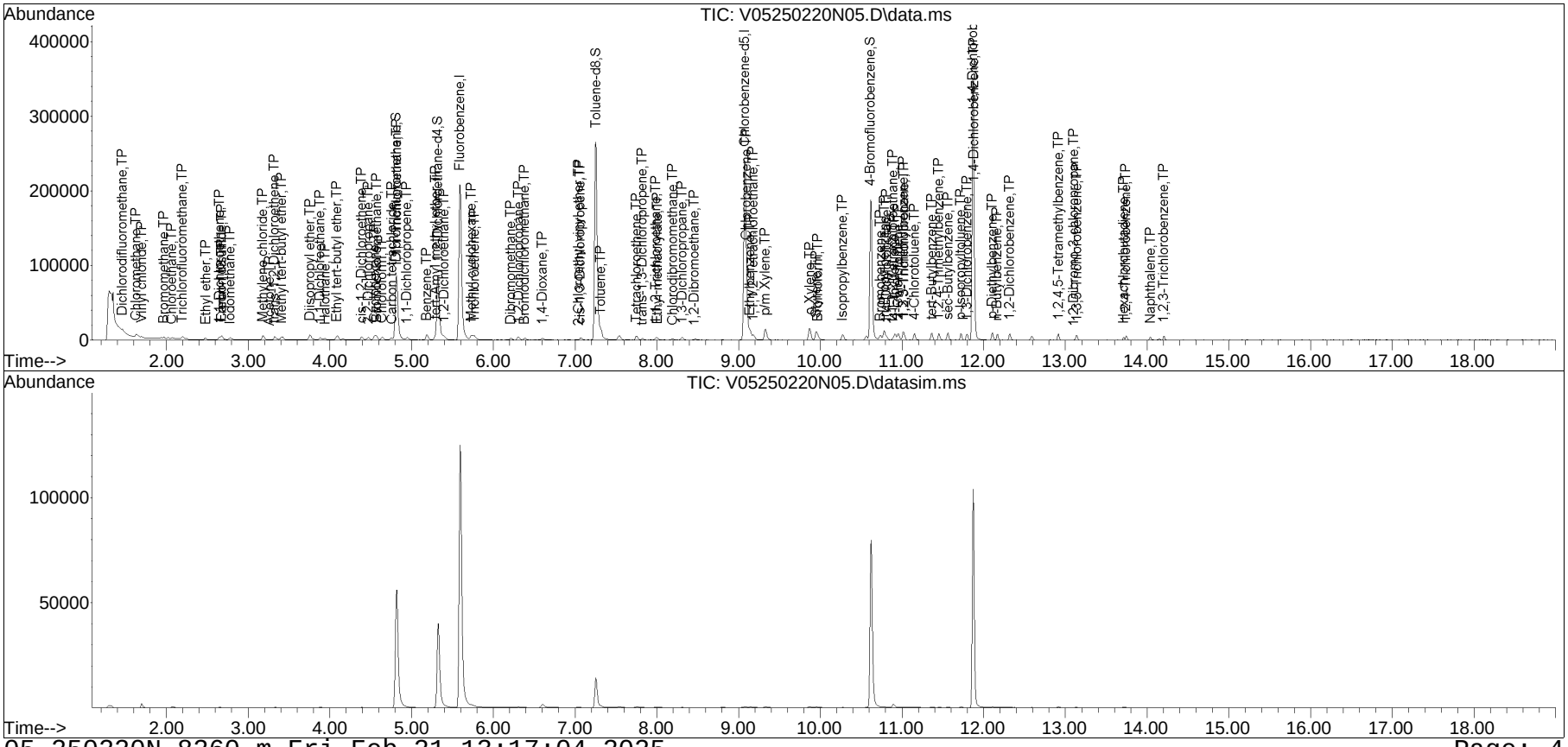
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N05.D
Acq On : 21 Feb 2025 12:30 am
Operator : VOA105:PID
Sample : I8260STD0.5PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 21 12:21:53 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

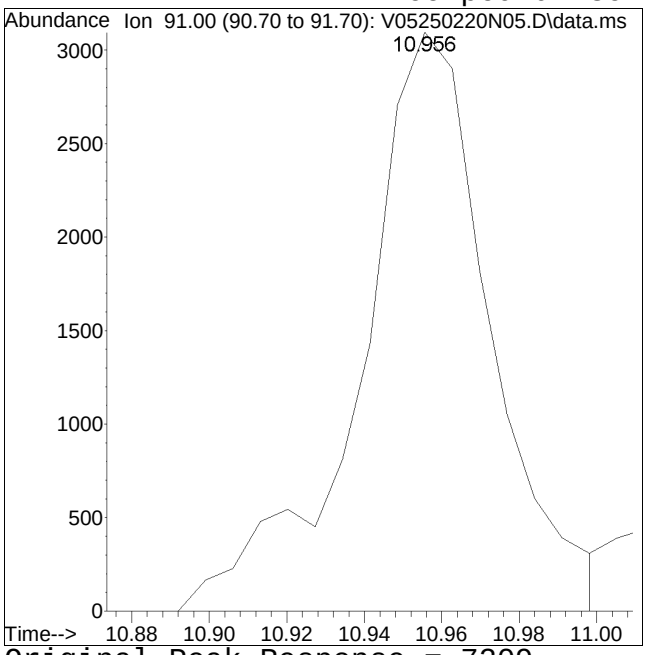
Sub List : 8260-Curve - Megamix plus Diox\V05250220N09.D•



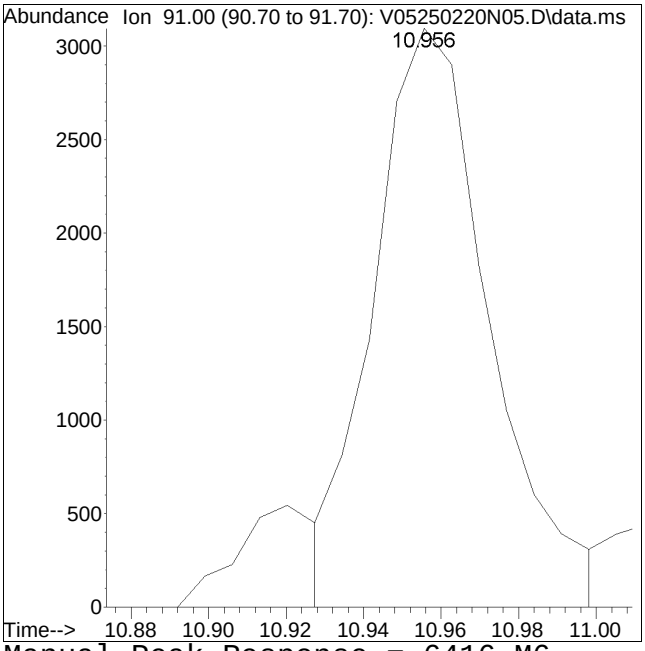
Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N05.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 12:30 am Instrument : VOA105
Sample : I8260STD0.5PPB Quant Date : 2/21/2025 12:21 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 7209



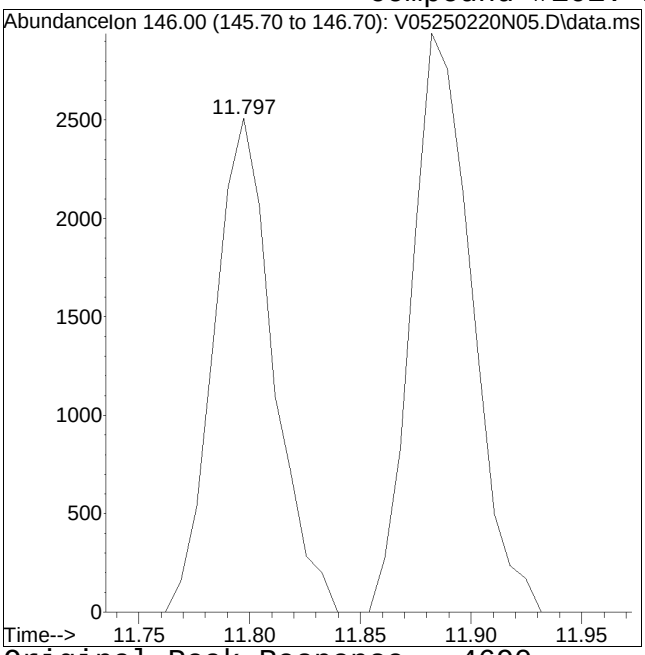
Manual Peak Response = 6416 M6

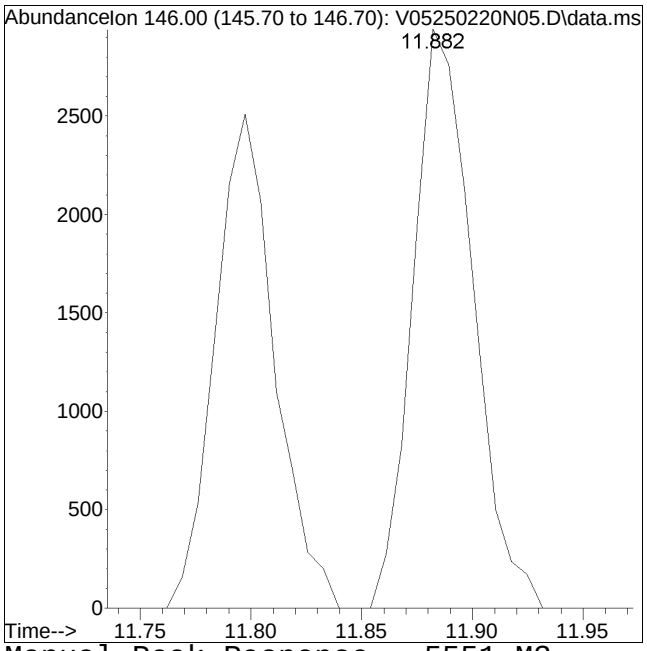
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N05.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 12:30 am Instrument : VOA105
Sample : I8260STD0.5PPB Quant Date : 2/21/2025 12:21 pm

Compound #101: 1,4-Dichlorobenzene





Original Peak Response = 4690 Manual Peak Response = 5551 M3

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N07.D
Acq On : 21 Feb 2025 1:21 am
Operator : VOA105:PID
Sample : I8260STD2PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 21 12:22:00 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.591	96	206134	10.000	ug/L	0.00
Standard Area 1 = 207883			Recovery = 99.16%			
59) Chlorobenzene-d5	9.076	117	159960	10.000	ug/L	0.00
Standard Area 1 = 162110			Recovery = 98.67%			
79) 1,4-Dichlorobenzene-d4	11.868	152	95463	10.000	ug/L	0.00
Standard Area 1 = 96637			Recovery = 98.79%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.814	113	60818	10.522	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.22%			
43) 1,2-Dichloroethane-d4	5.323	65	69008	10.354	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.54%			
60) Toluene-d8	7.256	98	209312	10.050	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.50%			
83) 4-Bromofluorobenzene	10.623	95	74980	9.825	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.25%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.465	85	13899	2.258	ug/L	100
3) Chloromethane	1.636	50	17920	2.259	ug/L	99
4) Vinyl chloride	1.698	62	11351	2.135	ug/L	99
5) Bromomethane	1.973	94	4241	1.776	ug/L	94
6) Chloroethane	2.069	64	6107	2.287	ug/L	97
7) Trichlorofluoromethane	2.199	101	16226	2.276	ug/L	98
8) Ethyl ether	2.474	74	2823	1.911	ug/L	86
10) 1,1-Dichloroethene	2.652	96	7194	2.114	ug/L	95
11) Carbon disulfide	2.680	76	21879	2.085	ug/L	98
12) Freon-113	2.686	101	8514	2.224	ug/L	98
13) Iodomethane	2.783	142	13702	2.003	ug/L	100
14) Acrolein	2.995	56	778	1.285	ug/L	88
15) Methylene chloride	3.181	84	10510	2.166	ug/L	98
17) Acetone	3.256	43	2865	2.346	ug/L #	70
18) trans-1,2-Dichloroethene	3.325	96	10219	2.203	ug/L	98
19) Methyl acetate	3.359	43	3543	1.533	ug/L #	74
20) Methyl tert-butyl ether	3.414	73	17084	1.811	ug/L #	88
21) tert-Butyl alcohol	3.531	59	1547	7.358	ug/L #	86
22) Diisopropyl ether	3.757	45	34465	1.931	ug/L	97
23) 1,1-Dichloroethane	3.881	63	21169	2.151	ug/L	99
24) Halothane	3.943	117	7633	2.067	ug/L	97

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N07.D
Acq On : 21 Feb 2025 1:21 am
Operator : VOA105:PID
Sample : I8260STD2PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 21 12:22:00 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	3.970	53	2247	1.662	ug/L	#	76
26) Ethyl tert-butyl ether	4.087	59	25575	1.835	ug/L	#	66
27) Vinyl acetate	4.135	43	13182M4	1.499	ug/L		
28) cis-1,2-Dichloroethene	4.389	96	10718	2.124	ug/L		96
29) 2,2-Dichloropropane	4.471	77	14016	2.086	ug/L		98
30) Bromochloromethane	4.574	128	5588	2.262	ug/L		97
31) Cyclohexane	4.553	56	24182	2.158	ug/L		97
32) Chloroform	4.643	83	18570	2.175	ug/L		98
33) Ethyl acetate	4.780	43	5285M6	1.524	ug/L		
34) Carbon tetrachloride	4.752	117	14897	2.094	ug/L		98
35) Tetrahydrofuran	4.794	42	1919M6	1.821	ug/L		
37) 1,1,1-Trichloroethane	4.821	97	16666	2.149	ug/L		97
39) 2-Butanone	4.958	43	2966M6	1.732	ug/L		
40) 1,1-Dichloropropene	4.945	75	11957	1.943	ug/L		98
41) Benzene	5.181	78	37927	2.167	ug/L		99
42) tert-Amyl methyl ether	5.294	73	16182	1.770	ug/L		97
44) 1,2-Dichloroethane	5.393	62	14394	2.197	ug/L		97
47) Methyl cyclohexane	5.739	83	17160	2.063	ug/L		97
48) Trichloroethene	5.767	95	10969	2.195	ug/L		98
50) Dibromomethane	6.212	93	5124	2.014	ug/L		98
51) 1,2-Dichloropropane	6.303	63	10649	1.995	ug/L		99
53) 2-Chloroethyl vinyl ether	7.016	63	3473	1.529	ug/L	#	96
54) Bromodichloromethane	6.381	83	12418	1.983	ug/L		99
57) 1,4-Dioxane	6.593	88	7979	359.408	ug/L		96
58) cis-1,3-Dichloropropene	7.065	75	11644	1.841	ug/L		99
61) Toluene	7.312	92	24595	2.128	ug/L		99
62) 4-Methyl-2-pentanone	7.764	58	1747	1.481	ug/L		92
63) Tetrachloroethene	7.750	166	12130	2.186	ug/L		99
65) trans-1,3-Dichloropropene	7.820	75	9182	1.796	ug/L		98
67) Ethyl methacrylate	8.004	69	5022	1.559	ug/L		81
68) 1,1,2-Trichloroethane	7.990	83	5674	1.994	ug/L		99
69) Chlorodibromomethane	8.194	129	8503	1.841	ug/L		99
70) 1,3-Dichloropropane	8.300	76	11696	1.956	ug/L		98
71) 1,2-Dibromoethane	8.462	107	6626	1.940	ug/L		94
72) 2-Hexanone	8.787	43	2604M6	1.354	ug/L		
73) Chlorobenzene	9.097	112	28829	2.089	ug/L		94
74) Ethylbenzene	9.140	91	45810	2.060	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.189	131	9532	1.910	ug/L		96
76) p/m Xylene	9.323	106	35142	4.080	ug/L		95
77) o Xylene	9.867	106	34130	4.137	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N07.D
Acq On : 21 Feb 2025 1:21 am
Operator : VOA105:PID
Sample : I8260STD2PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 21 12:22:00 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	9.944	104	54121	4.057	ug/L	99
80) Bromoform	9.972	173	4562	1.684	ug/L	95
82) Isopropylbenzene	10.276	105	45702	1.955	ug/L	99
84) Bromobenzene	10.736	156	11571	1.998	ug/L	99
85) n-Propylbenzene	10.778	91	54467	2.016	ug/L	99
86) 1,4-Dichlorobutane	10.814	55	14593	2.000	ug/L	99
87) 1,1,2,2-Tetrachloroethane	10.892	83	7993	1.986	ug/L	99
88) 4-Ethyltoluene	10.913	105	46009	2.001	ug/L	100
89) 2-Chlorotoluene	10.955	91	34190M6	2.129	ug/L	
90) 1,3,5-Trimethylbenzene	11.012	105	41465	2.055	ug/L	100
91) 1,2,3-Trichloropropane	11.026	75	6343	1.987	ug/L	98
92) trans-1,4-Dichloro-2-b...	11.090	53	2443	1.713	ug/L	95
93) 4-Chlorotoluene	11.146	91	34297M6	2.071	ug/L	
94) tert-Butylbenzene	11.365	119	34709	1.971	ug/L	97
97) 1,2,4-Trimethylbenzene	11.450	105	37287	1.938	ug/L	100
98) sec-Butylbenzene	11.556	105	50505	2.036	ug/L	99
99) p-Isopropyltoluene	11.726	119	42669	1.938	ug/L	99
100) 1,3-Dichlorobenzene	11.790	146	23995	2.059	ug/L	99
101) 1,4-Dichlorobenzene	11.889	146	24815	2.073	ug/L	96
102) p-Diethylbenzene	12.108	119	24280	1.878	ug/L	98
103) n-Butylbenzene	12.165	91	36338	2.085	ug/L	96
104) 1,2-Dichlorobenzene	12.320	146	21618	2.050	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.915	119	29668	1.621	ug/L	100
106) 1,2-Dibromo-3-chloropr...	13.113	155	993	1.739	ug/L	99
107) 1,3,5-Trichlorobenzene	13.141	180	15427	1.991	ug/L	98
108) Hexachlorobutadiene	13.714	225	5402	1.989	ug/L	99
109) 1,2,4-Trichlorobenzene	13.742	180	12289	1.903	ug/L	99
110) Naphthalene	14.039	128	21185	1.636	ug/L	100
111) 1,2,3-Trichlorobenzene	14.202	180	10327	1.906	ug/L	98

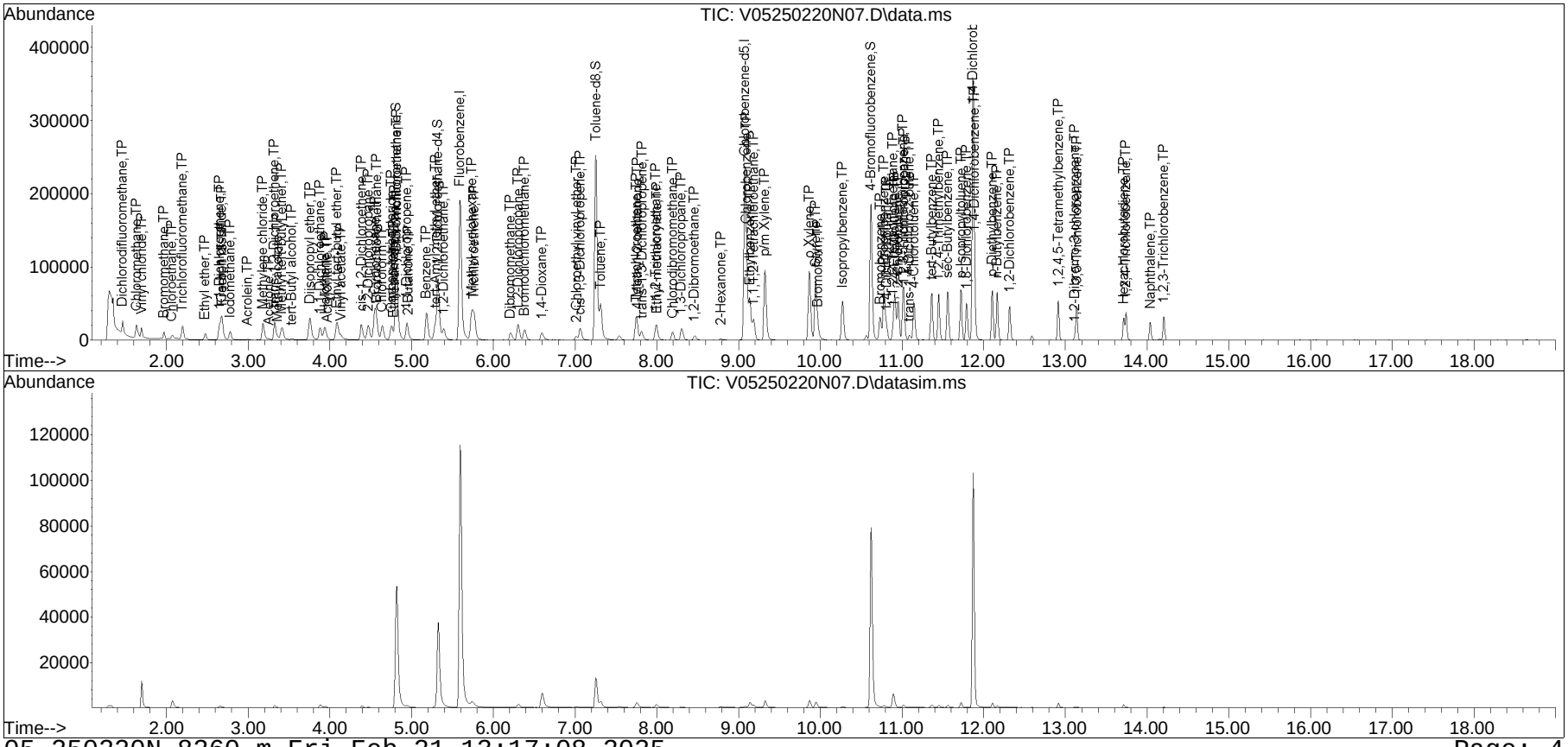
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N07.D
Acq On : 21 Feb 2025 1:21 am
Operator : VOA105:PID
Sample : I8260STD2PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 21 12:22:00 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

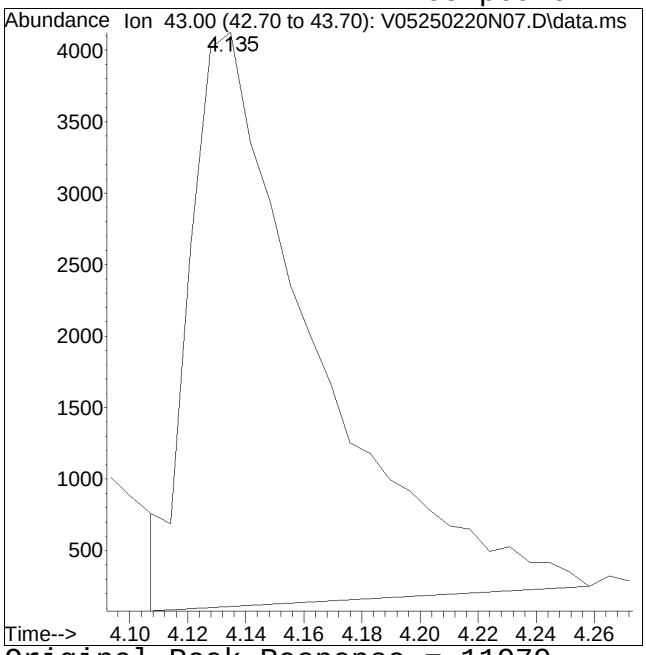
Sub List : 8260-Curve - Megamix plus Diox\V05250220N09.D•



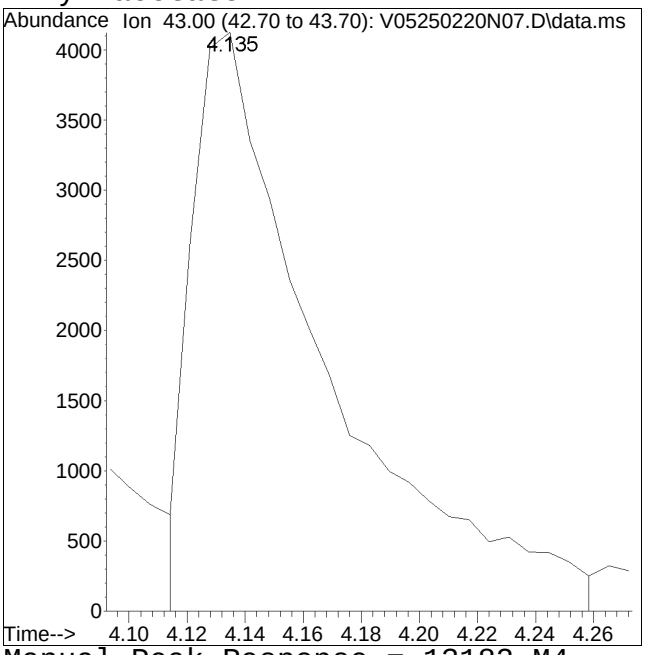
Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N07.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 1:21 am Instrument : VOA105
Sample : I8260STD2PPB Quant Date : 2/21/2025 12:21 pm

Compound #27: Vinyl acetate



Original Peak Response = 11979



Manual Peak Response = 13182 M4

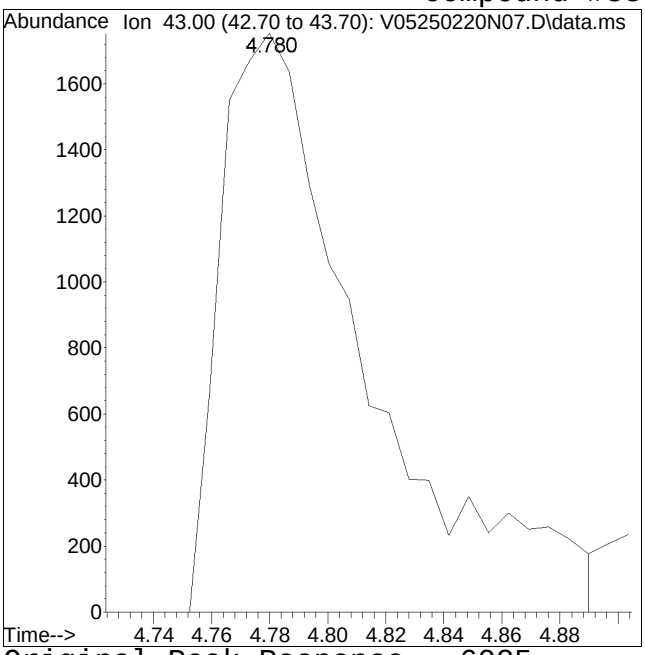
M4 = Poor automated baseline construction.

Manual Integration Report

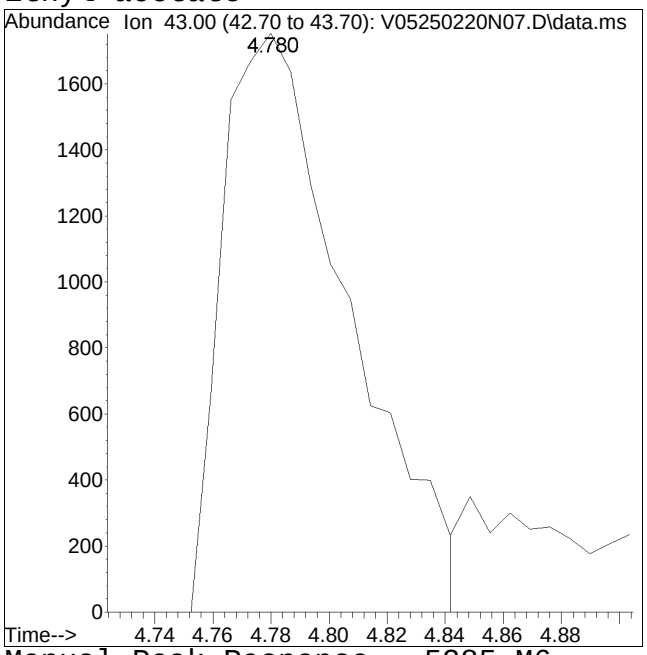
Data Path : K:\VOA105\2025\250220NICALQ
Data File : V05250220N07.D
Date Inj'd : 2/21/2025 1:21 am
Sample : I8260STD2PPB

Method : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 2/21/2025 12:21 pm

Compound #33: Ethyl acetate



Original Peak Response = 6025



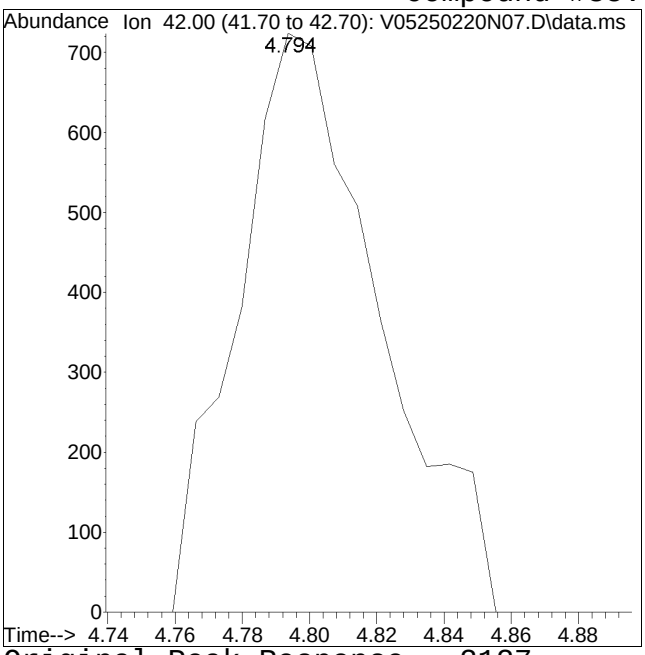
Manual Peak Response = 5285 M6

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

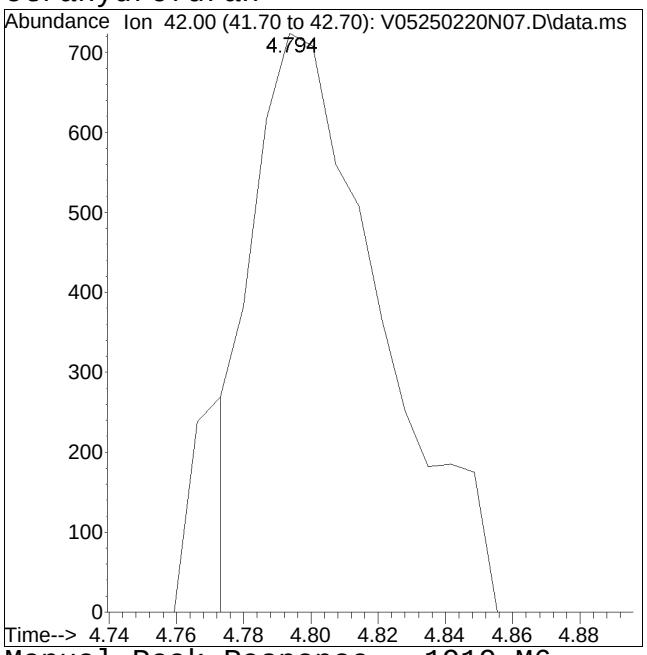
Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N07.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 1:21 am Instrument : VOA105
Sample : I8260STD2PPB Quant Date : 2/21/2025 12:21 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 2127



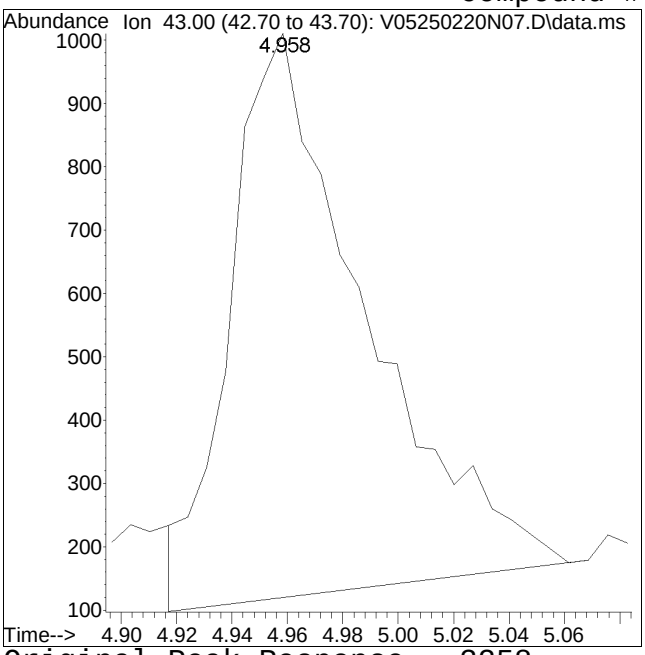
Manual Peak Response = 1919 M6

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

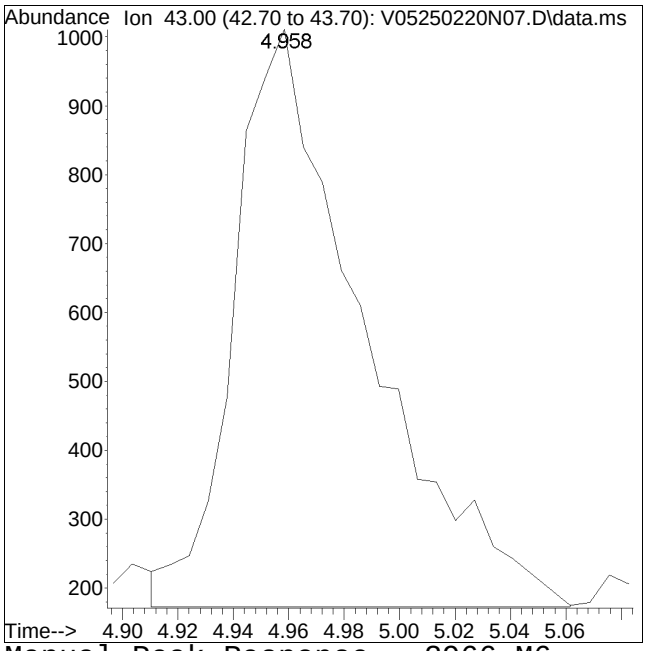
Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N07.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 1:21 am Instrument : VOA105
Sample : I8260STD2PPB Quant Date : 2/21/2025 12:21 pm

Compound #39: 2-Butanone



Original Peak Response = 3258



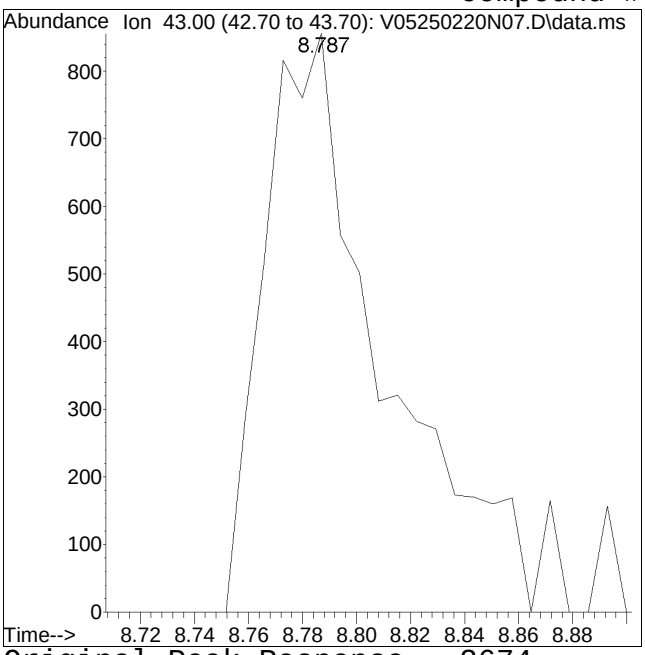
Manual Peak Response = 2966 M6

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

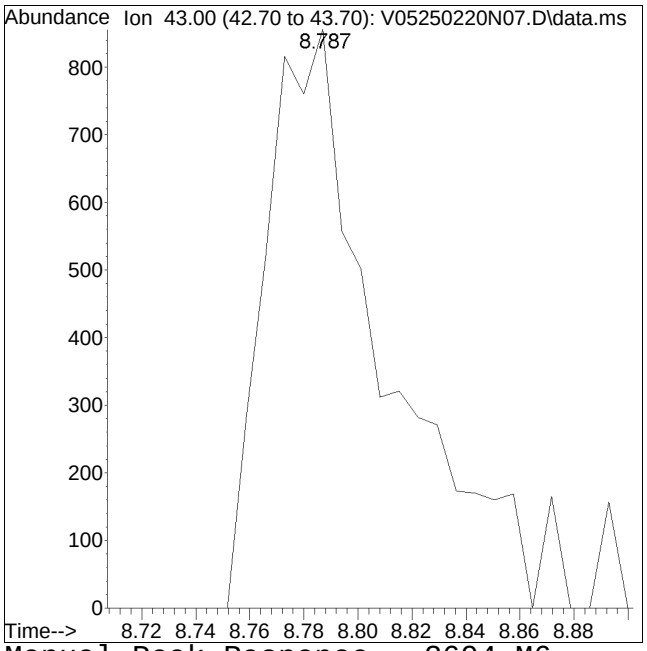
Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N07.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 1:21 am Instrument : VOA105
Sample : I8260STD2PPB Quant Date : 2/21/2025 12:21 pm

Compound #72: 2-Hexanone



Original Peak Response = 2674



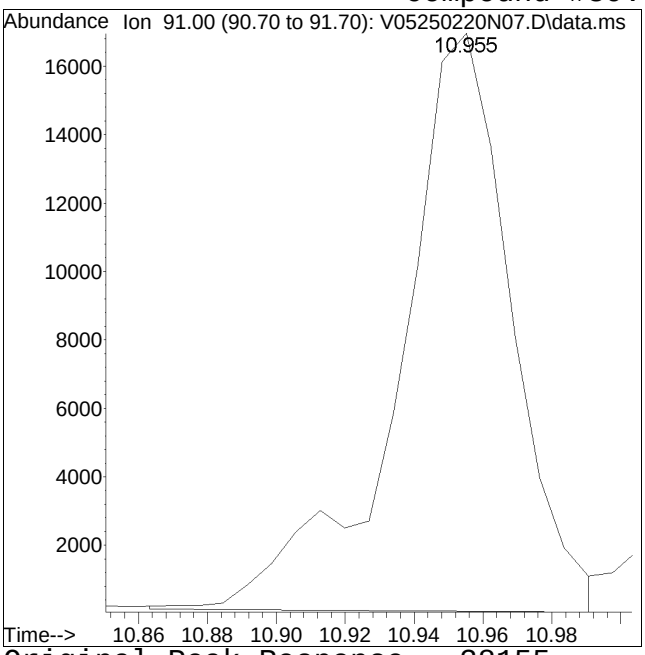
Manual Peak Response = 2604 M6

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

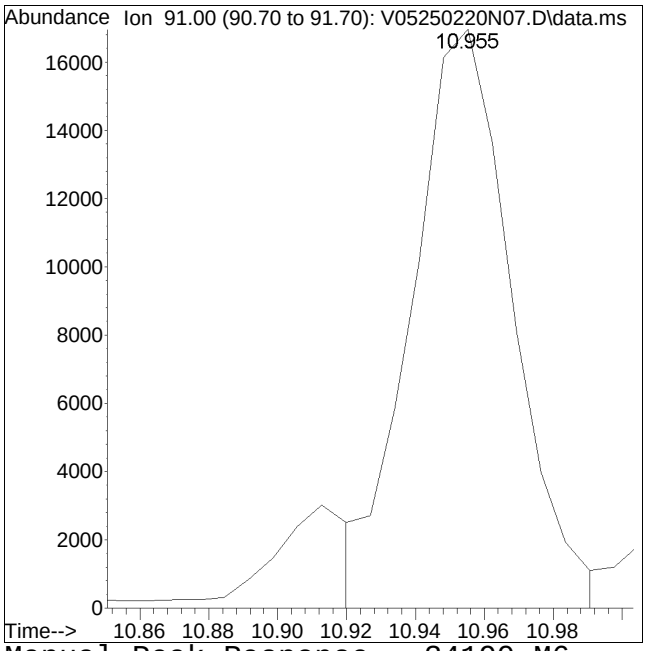
Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N07.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 1:21 am Instrument : VOA105
Sample : I8260STD2PPB Quant Date : 2/21/2025 12:21 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 38155



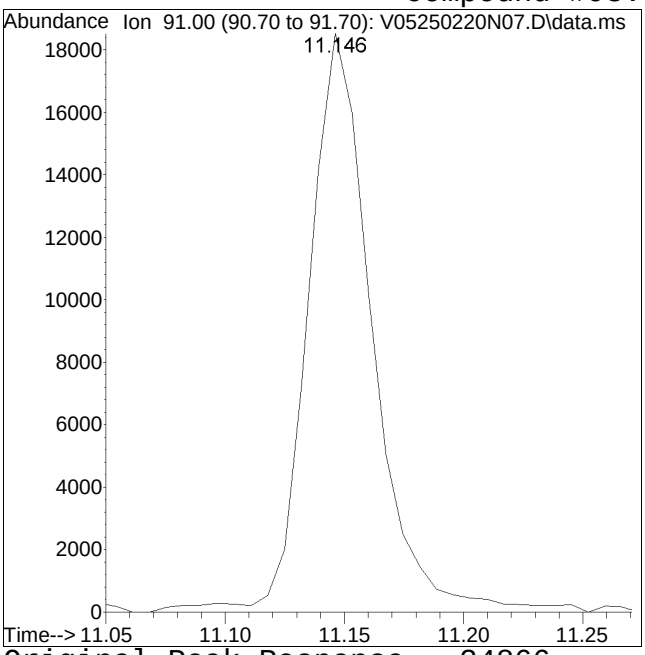
Manual Peak Response = 34190 M6

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

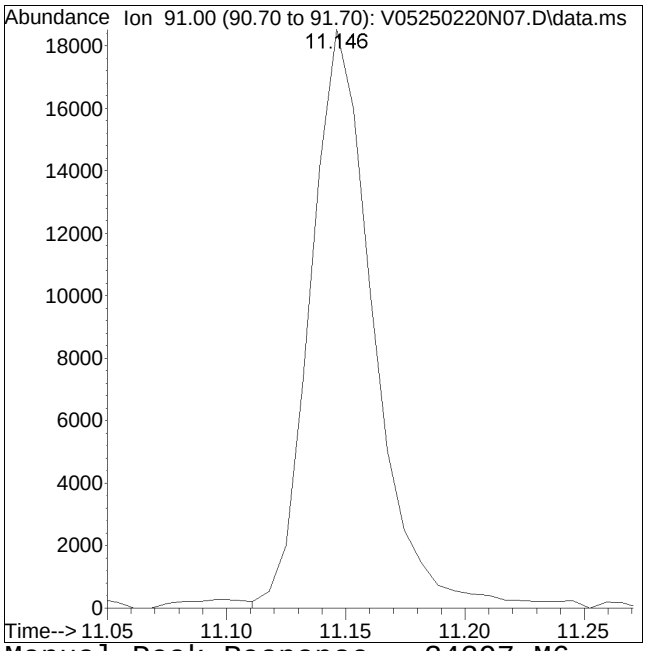
Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N07.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 1:21 am Instrument : VOA105
Sample : I8260STD2PPB Quant Date : 2/21/2025 12:21 pm

Compound #93: 4-Chlorotoluene



Original Peak Response = 34866



Manual Peak Response = 34297 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N09.D
Acq On : 21 Feb 2025 2:12 am
Operator : VOA105:PID
Sample : I8260STD10PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 21 12:22:07 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.591	96	207883	10.000	ug/L	0.00
Standard Area 1 = 207883			Recovery = 100.00%			
59) Chlorobenzene-d5	9.076	117	162110	10.000	ug/L	0.00
Standard Area 1 = 162110			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	11.868	152	96637	10.000	ug/L	0.00
Standard Area 1 = 96637			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.814	113	59513	10.209	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.09%			
43) 1,2-Dichloroethane-d4	5.323	65	71889	10.696	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.96%			
60) Toluene-d8	7.249	98	213848	10.132	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.32%			
83) 4-Bromofluorobenzene	10.616	95	76295	9.875	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.75%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.465	85	70162	11.303	ug/L	100
3) Chloromethane	1.636	50	85790	10.725	ug/L	100
4) Vinyl chloride	1.698	62	55896	10.427	ug/L	100
5) Bromomethane	1.973	94	22415	9.307	ug/L	100
6) Chloroethane	2.069	64	29430	10.929	ug/L	100
7) Trichlorofluoromethane	2.199	101	81391	11.322	ug/L	100
8) Ethyl ether	2.474	74	16079	10.792	ug/L	100
10) 1,1-Dichloroethene	2.645	96	37732	10.995	ug/L	100
11) Carbon disulfide	2.673	76	111461	10.535	ug/L	100
12) Freon-113	2.680	101	43010	11.142	ug/L	100
13) Iodomethane	2.783	142	75159	10.897	ug/L	100
14) Acrolein	2.982	56	5916	9.691	ug/L	100
15) Methylene chloride	3.181	84	50765	10.374	ug/L	100
17) Acetone	3.243	43	10858	8.818	ug/L	100
18) trans-1,2-Dichloroethene	3.325	96	50980	10.896	ug/L	100
19) Methyl acetate	3.346	43	24065	10.323	ug/L	100
20) Methyl tert-butyl ether	3.414	73	99305	10.438	ug/L	100
21) tert-Butyl alcohol	3.531	59	10984	51.805	ug/L	100
22) Diisopropyl ether	3.750	45	190261	10.568	ug/L	100
23) 1,1-Dichloroethane	3.881	63	108083	10.892	ug/L	100
24) Halothane	3.943	117	41312	11.093	ug/L	100

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N09.D
Acq On : 21 Feb 2025 2:12 am
Operator : VOA105:PID
Sample : I8260STD10PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 21 12:22:07 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Acrylonitrile	3.950	53	14437	10.588	ug/L	100
26) Ethyl tert-butyl ether	4.087	59	146647	10.434	ug/L	100
27) Vinyl acetate	4.114	43	85310M6	9.621	ug/L	
28) cis-1,2-Dichloroethene	4.382	96	55853	10.976	ug/L	100
29) 2,2-Dichloropropane	4.471	77	70129	10.348	ug/L	100
30) Bromochloromethane	4.567	128	28316	11.367	ug/L	100
31) Cyclohexane	4.554	56	129286	11.442	ug/L	100
32) Chloroform	4.643	83	93363	10.844	ug/L	100
33) Ethyl acetate	4.759	43	36947	10.563	ug/L	100
34) Carbon tetrachloride	4.753	117	80319	11.193	ug/L	100
35) Tetrahydrofuran	4.794	42	11101M6	10.444	ug/L	
37) 1,1,1-Trichloroethane	4.821	97	85935	10.987	ug/L	100
39) 2-Butanone	4.938	43	19069	11.042	ug/L	100
40) 1,1-Dichloropropene	4.938	75	70205	11.314	ug/L	100
41) Benzene	5.182	78	194453	11.019	ug/L	100
42) tert-Amyl methyl ether	5.287	73	92767	10.060	ug/L	100
44) 1,2-Dichloroethane	5.393	62	72877	11.030	ug/L	100
47) Methyl cyclohexane	5.739	83	92257	10.998	ug/L	100
48) Trichloroethene	5.767	95	55686	11.048	ug/L	100
50) Dibromomethane	6.205	93	27741	10.812	ug/L	100
51) 1,2-Dichloropropane	6.303	63	56946	10.579	ug/L	100
53) 2-Chloroethyl vinyl ether	7.002	63	24398	10.649	ug/L	100
54) Bromodichloromethane	6.381	83	66728	10.566	ug/L	100
57) 1,4-Dioxane	6.593	88	11935	533.080	ug/L	100
58) cis-1,3-Dichloropropene	7.058	75	70516	11.055	ug/L	100
61) Toluene	7.312	92	127762	10.908	ug/L	100
62) 4-Methyl-2-pentanone	7.757	58	11714	9.798	ug/L	100
63) Tetrachloroethene	7.750	166	63399	11.273	ug/L	100
65) trans-1,3-Dichloropropene	7.806	75	58368	11.265	ug/L	100
67) Ethyl methacrylate	7.990	69	34915	10.694	ug/L	100
68) 1,1,2-Trichloroethane	7.990	83	31659	10.977	ug/L	100
69) Chlorodibromomethane	8.187	129	50300	10.745	ug/L	100
70) 1,3-Dichloropropane	8.300	76	65179	10.757	ug/L	100
71) 1,2-Dibromoethane	8.456	107	37213	10.750	ug/L	100
72) 2-Hexanone	8.759	43	18997	9.745	ug/L	100
73) Chlorobenzene	9.098	112	150984	10.797	ug/L	100
74) Ethylbenzene	9.133	91	247629	10.988	ug/L	100
75) 1,1,1,2-Tetrachloroethane	9.182	131	54482	10.772	ug/L	100
76) p/m Xylene	9.323	106	198853	22.783	ug/L	100
77) o Xylene	9.867	106	189035	22.607	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N09.D
Acq On : 21 Feb 2025 2:12 am
Operator : VOA105:PID
Sample : I8260STD10PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 21 12:22:07 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	9.937	104	307362	22.733	ug/L	100
80) Bromoform	9.972	173	28228	10.292	ug/L	100
82) Isopropylbenzene	10.269	105	259577	10.966	ug/L	100
84) Bromobenzene	10.729	156	61624	10.510	ug/L	100
85) n-Propylbenzene	10.779	91	295391	10.800	ug/L	100
86) 1,4-Dichlorobutane	10.807	55	77212	10.454	ug/L	100
87) 1,1,2,2-Tetrachloroethane	10.892	83	42556	10.446	ug/L	100
88) 4-Ethyltoluene	10.913	105	255063	10.959	ug/L	100
89) 2-Chlorotoluene	10.948	91	175573M6	10.802	ug/L	
90) 1,3,5-Trimethylbenzene	11.012	105	224352	10.985	ug/L	100
91) 1,2,3-Trichloropropane	11.026	75	33954	10.507	ug/L	100
92) trans-1,4-Dichloro-2-b...	11.090	53	15218	10.538	ug/L	100
93) 4-Chlorotoluene	11.146	91	175551	10.471	ug/L	100
94) tert-Butylbenzene	11.366	119	194144	10.893	ug/L	100
97) 1,2,4-Trimethylbenzene	11.450	105	215504	11.066	ug/L	100
98) sec-Butylbenzene	11.557	105	275593	10.976	ug/L	100
99) p-Isopropyltoluene	11.719	119	245589	11.018	ug/L	100
100) 1,3-Dichlorobenzene	11.790	146	126342	10.712	ug/L	100
101) 1,4-Dichlorobenzene	11.882	146	127253	10.500	ug/L	100
102) p-Diethylbenzene	12.101	119	141163	10.788	ug/L	100
103) n-Butylbenzene	12.165	91	191862	10.876	ug/L	100
104) 1,2-Dichlorobenzene	12.313	146	114183	10.695	ug/L	100
105) 1,2,4,5-Tetramethylben...	12.908	119	199292	10.758	ug/L	100
106) 1,2-Dibromo-3-chloropr...	13.113	155	6327	10.945	ug/L	100
107) 1,3,5-Trichlorobenzene	13.134	180	84085	10.719	ug/L	100
108) Hexachlorobutadiene	13.714	225	28689	10.437	ug/L	100
109) 1,2,4-Trichlorobenzene	13.742	180	69787	10.674	ug/L	100
110) Naphthalene	14.032	128	142260	10.854	ug/L	100
111) 1,2,3-Trichlorobenzene	14.202	180	60267	10.989	ug/L	100

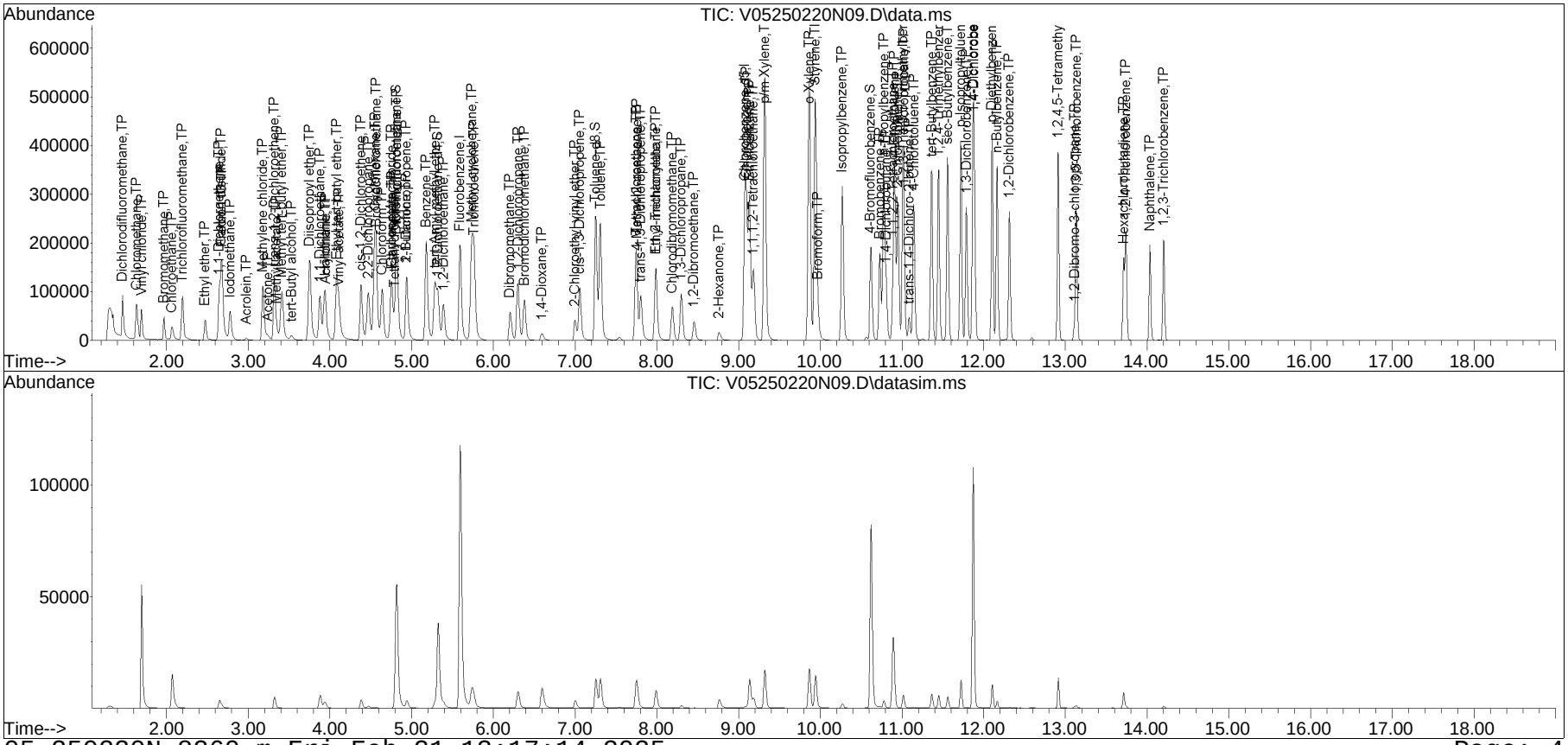
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N09.D
Acq On : 21 Feb 2025 2:12 am
Operator : VOA105:PID
Sample : I8260STD10PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 21 12:22:07 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox\V05250220N09.D•

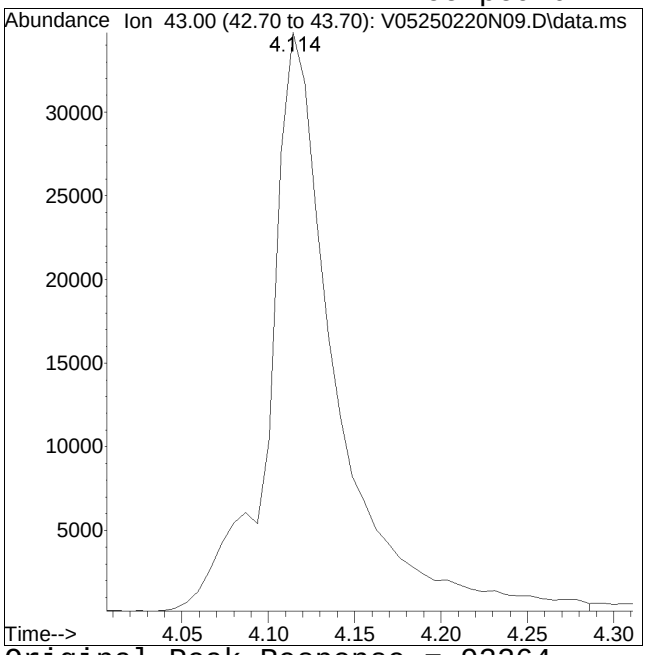


Manual Integration Report

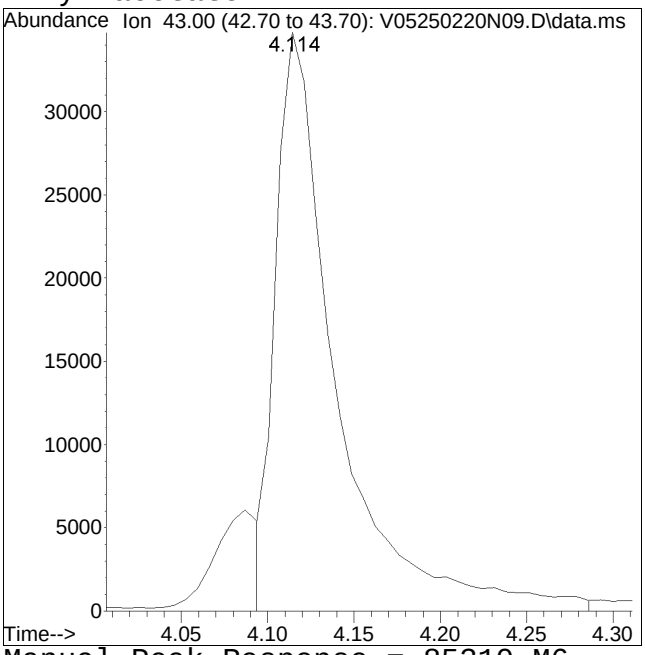
Data Path : K:\VOA105\2025\250220NICALQ
Data File : V05250220N09.D
Date Inj'd : 2/21/2025 2:12 am
Sample : I8260STD10PPB

Method : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 2/21/2025 12:22 pm

Compound #27: Vinyl acetate



Original Peak Response = 93264



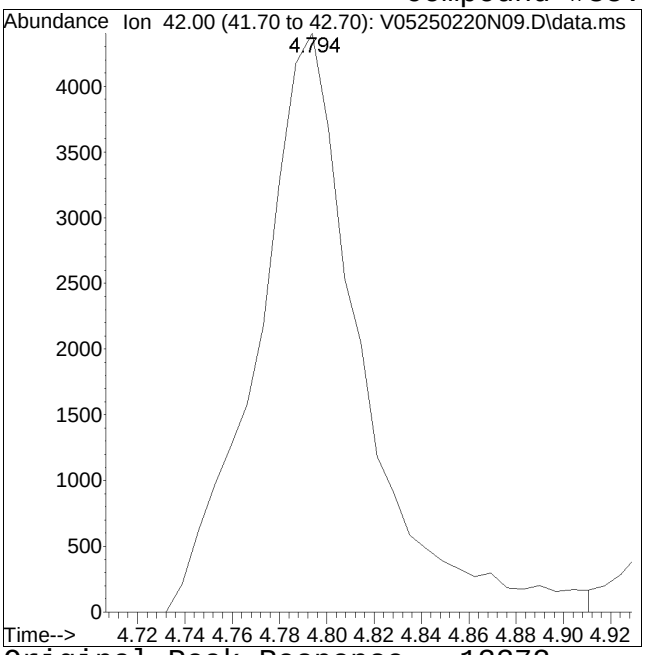
Manual Peak Response = 85310 M6

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

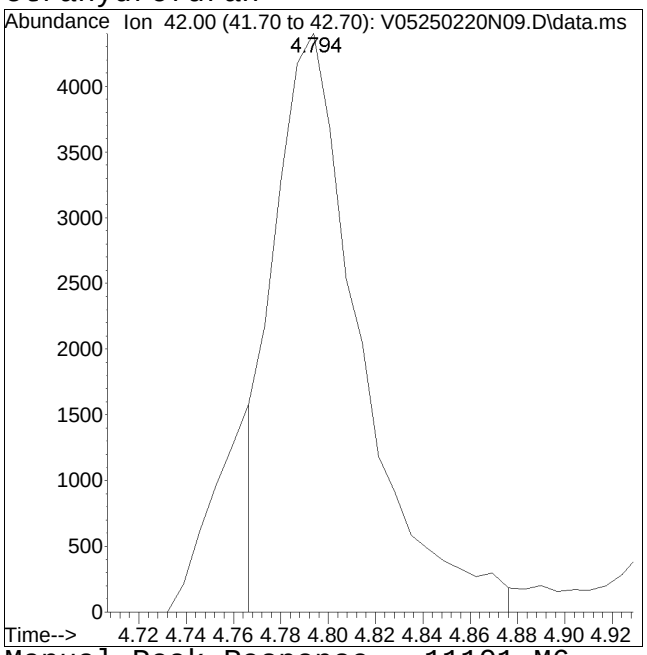
Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N09.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 2:12 am Instrument : VOA105
Sample : I8260STD10PPB Quant Date : 2/21/2025 12:22 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 13372



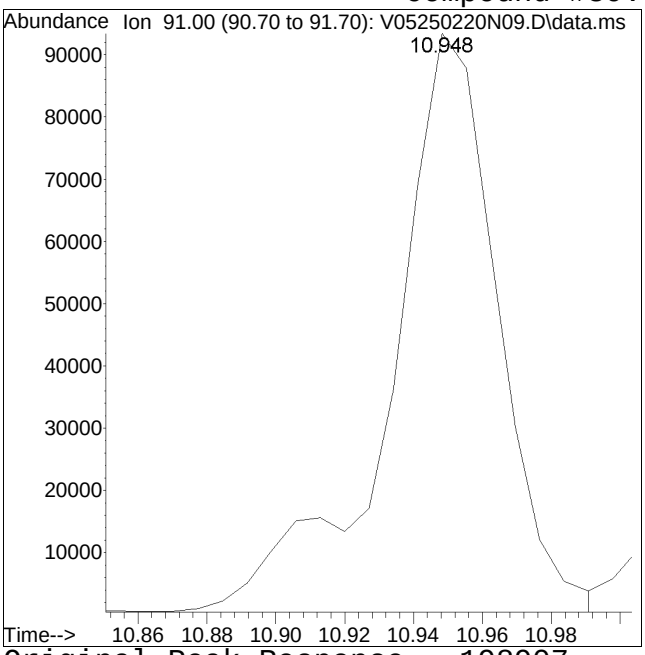
Manual Peak Response = 11101 M6

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

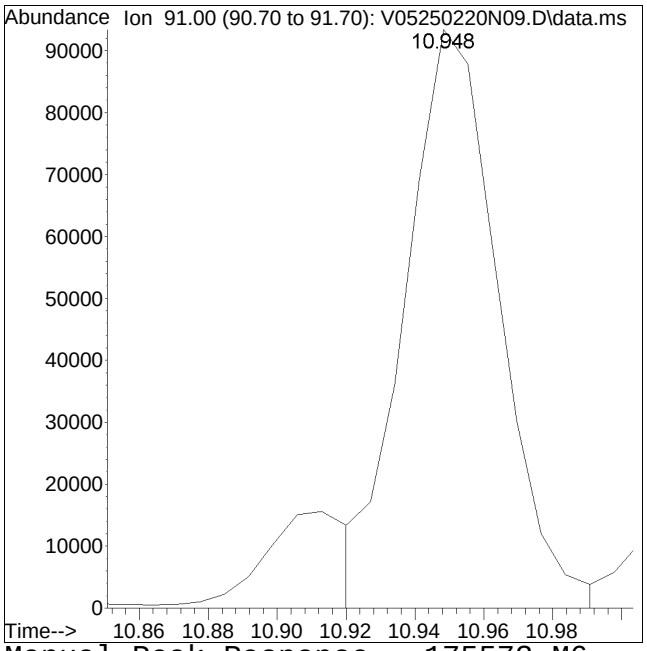
Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N09.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 2:12 am Instrument : VOA105
Sample : I8260STD10PPB Quant Date : 2/21/2025 12:22 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 198907



Manual Peak Response = 175573 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N10.D
Acq On : 21 Feb 2025 2:38 am
Operator : VOA105:PID
Sample : I8260STD30PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 21 12:22:15 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.591	96	211714	10.000	ug/L	0.00
Standard Area 1 = 207883			Recovery = 101.84%			
59) Chlorobenzene-d5	9.077	117	169048	10.000	ug/L	0.00
Standard Area 1 = 162110			Recovery = 104.28%			
79) 1,4-Dichlorobenzene-d4	11.868	152	99050	10.000	ug/L	0.00
Standard Area 1 = 96637			Recovery = 102.50%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.815	113	60893	10.257	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.57%			
43) 1,2-Dichloroethane-d4	5.323	65	67781	9.902	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.02%			
60) Toluene-d8	7.256	98	219273	9.962	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.62%			
83) 4-Bromofluorobenzene	10.616	95	76990	9.723	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.23%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.465	85	210795	33.344	ug/L	100
3) Chloromethane	1.637	50	256052	31.431	ug/L	99
4) Vinyl chloride	1.692	62	168698	30.900	ug/L	100
5) Bromomethane	1.973	94	72423	29.526	ug/L	99
6) Chloroethane	2.069	64	89004	32.453	ug/L	99
7) Trichlorofluoromethane	2.199	101	243080	33.203	ug/L	99
8) Ethyl ether	2.474	74	47583	31.358	ug/L	99
10) 1,1-Dichloroethene	2.646	96	112488	32.185	ug/L	99
11) Carbon disulfide	2.673	76	337433	31.316	ug/L	100
12) Freon-113	2.680	101	129483	32.937	ug/L	99
13) Iodomethane	2.783	142	236506	33.669	ug/L	100
14) Acrolein	2.968	56	19438	31.265	ug/L	93
15) Methylene chloride	3.181	84	149569	30.013	ug/L	99
17) Acetone	3.236	43	28379	22.630	ug/L	96
18) trans-1,2-Dichloroethene	3.318	96	152205	31.941	ug/L	99
19) Methyl acetate	3.339	43	75985	32.005	ug/L	98
20) Methyl tert-butyl ether	3.414	73	308118	31.799	ug/L	96
21) tert-Butyl alcohol	3.531	59	32814	151.963	ug/L #	84
22) Diisopropyl ether	3.751	45	588068	32.073	ug/L	97
23) 1,1-Dichloroethane	3.881	63	318317	31.499	ug/L	99
24) Halothane	3.936	117	122607	32.326	ug/L	98

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N10.D
Acq On : 21 Feb 2025 2:38 am
Operator : VOA105:PID
Sample : I8260STD30PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 21 12:22:15 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	3.943	53	42394	30.529	ug/L		98
26) Ethyl tert-butyl ether	4.087	59	457790	31.982	ug/L		98
27) Vinyl acetate	4.108	43	281981M6	31.225	ug/L		
28) cis-1,2-Dichloroethene	4.382	96	164435	31.729	ug/L		96
29) 2,2-Dichloropropane	4.471	77	225677	32.696	ug/L		95
30) Bromochloromethane	4.567	128	81567	32.151	ug/L		97
31) Cyclohexane	4.547	56	386887	33.620	ug/L		100
32) Chloroform	4.643	83	272726	31.105	ug/L		98
33) Ethyl acetate	4.753	43	109245	30.668	ug/L		97
34) Carbon tetrachloride	4.753	117	244972	33.520	ug/L		99
35) Tetrahydrofuran	4.787	42	32456M6	29.983	ug/L		
37) 1,1,1-Trichloroethane	4.821	97	259709	32.605	ug/L		98
39) 2-Butanone	4.931	43	54065	30.741	ug/L	#	89
40) 1,1-Dichloropropene	4.938	75	211689	33.498	ug/L		100
41) Benzene	5.182	78	576227	32.063	ug/L		99
42) tert-Amyl methyl ether	5.288	73	293279	31.230	ug/L		94
44) 1,2-Dichloroethane	5.386	62	210097	31.223	ug/L		100
47) Methyl cyclohexane	5.739	83	283773	33.216	ug/L		99
48) Trichloroethene	5.767	95	164121	31.971	ug/L		98
50) Dibromomethane	6.205	93	82174	31.449	ug/L		99
51) 1,2-Dichloropropane	6.304	63	172760	31.514	ug/L		99
53) 2-Chloroethyl vinyl ether	6.995	63	80589	34.539	ug/L		98
54) Bromodichloromethane	6.381	83	204298	31.765	ug/L		100
57) 1,4-Dioxane	6.593	88	14277	626.147	ug/L		98
58) cis-1,3-Dichloropropene	7.059	75	222659	34.275	ug/L		98
61) Toluene	7.306	92	379162	31.042	ug/L		100
62) 4-Methyl-2-pentanone	7.757	58	37967	30.453	ug/L		95
63) Tetrachloroethene	7.743	166	191127	32.590	ug/L		99
65) trans-1,3-Dichloropropene	7.800	75	189515	35.076	ug/L		97
67) Ethyl methacrylate	7.990	69	115385	33.892	ug/L		94
68) 1,1,2-Trichloroethane	7.983	83	92627	30.799	ug/L		98
69) Chlorodibromomethane	8.188	129	156626	32.084	ug/L		100
70) 1,3-Dichloropropane	8.300	76	195424	30.929	ug/L		99
71) 1,2-Dibromoethane	8.456	107	115400	31.967	ug/L		97
72) 2-Hexanone	8.759	43	61874	30.437	ug/L		96
73) Chlorobenzene	9.098	112	453541	31.101	ug/L		99
74) Ethylbenzene	9.133	91	751799	31.991	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.182	131	165356	31.352	ug/L		98
76) p/m Xylene	9.324	106	593736	65.235	ug/L		99
77) o Xylene	9.867	106	567936	65.134	ug/L		99

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N10.D
Acq On : 21 Feb 2025 2:38 am
Operator : VOA105:PID
Sample : I8260STD30PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 21 12:22:15 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	9.937	104	926247	65.695	ug/L	99
80) Bromoform	9.966	173	87465	31.113	ug/L	99
82) Isopropylbenzene	10.269	105	787389	32.454	ug/L	99
84) Bromobenzene	10.729	156	185715	30.902	ug/L	98
85) n-Propylbenzene	10.779	91	894276	31.901	ug/L	100
86) 1,4-Dichlorobutane	10.807	55	224615	29.671	ug/L	100
87) 1,1,2,2-Tetrachloroethane	10.892	83	123841	29.658	ug/L	100
88) 4-Ethyltoluene	10.913	105	772915	32.400	ug/L	100
89) 2-Chlorotoluene	10.948	91	518770M6	31.139	ug/L	
90) 1,3,5-Trimethylbenzene	11.012	105	672699	32.134	ug/L	99
91) 1,2,3-Trichloropropane	11.026	75	98267M1	29.668	ug/L	
92) trans-1,4-Dichloro-2-b...	11.083	53	43920M4	29.673	ug/L	
93) 4-Chlorotoluene	11.139	91	533423	31.042	ug/L	99
94) tert-Butylbenzene	11.366	119	594636	32.551	ug/L	100
97) 1,2,4-Trimethylbenzene	11.444	105	654466	32.789	ug/L	100
98) sec-Butylbenzene	11.557	105	832778	32.359	ug/L	99
99) p-Isopropyltoluene	11.719	119	754428	33.020	ug/L	99
100) 1,3-Dichlorobenzene	11.790	146	377876	31.258	ug/L	99
101) 1,4-Dichlorobenzene	11.882	146	380297	30.615	ug/L	100
102) p-Diethylbenzene	12.101	119	443437	33.064	ug/L	100
103) n-Butylbenzene	12.165	91	583842	32.289	ug/L	100
104) 1,2-Dichlorobenzene	12.314	146	340284	31.095	ug/L	100
105) 1,2,4,5-Tetramethylben...	12.908	119	645077	33.973	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.113	155	20004	33.761	ug/L	99
107) 1,3,5-Trichlorobenzene	13.134	180	253681	31.552	ug/L	99
108) Hexachlorobutadiene	13.714	225	88598	31.447	ug/L	99
109) 1,2,4-Trichlorobenzene	13.735	180	216267	32.271	ug/L	99
110) Naphthalene	14.032	128	444920	33.119	ug/L	100
111) 1,2,3-Trichlorobenzene	14.202	180	180894	32.181	ug/L	99

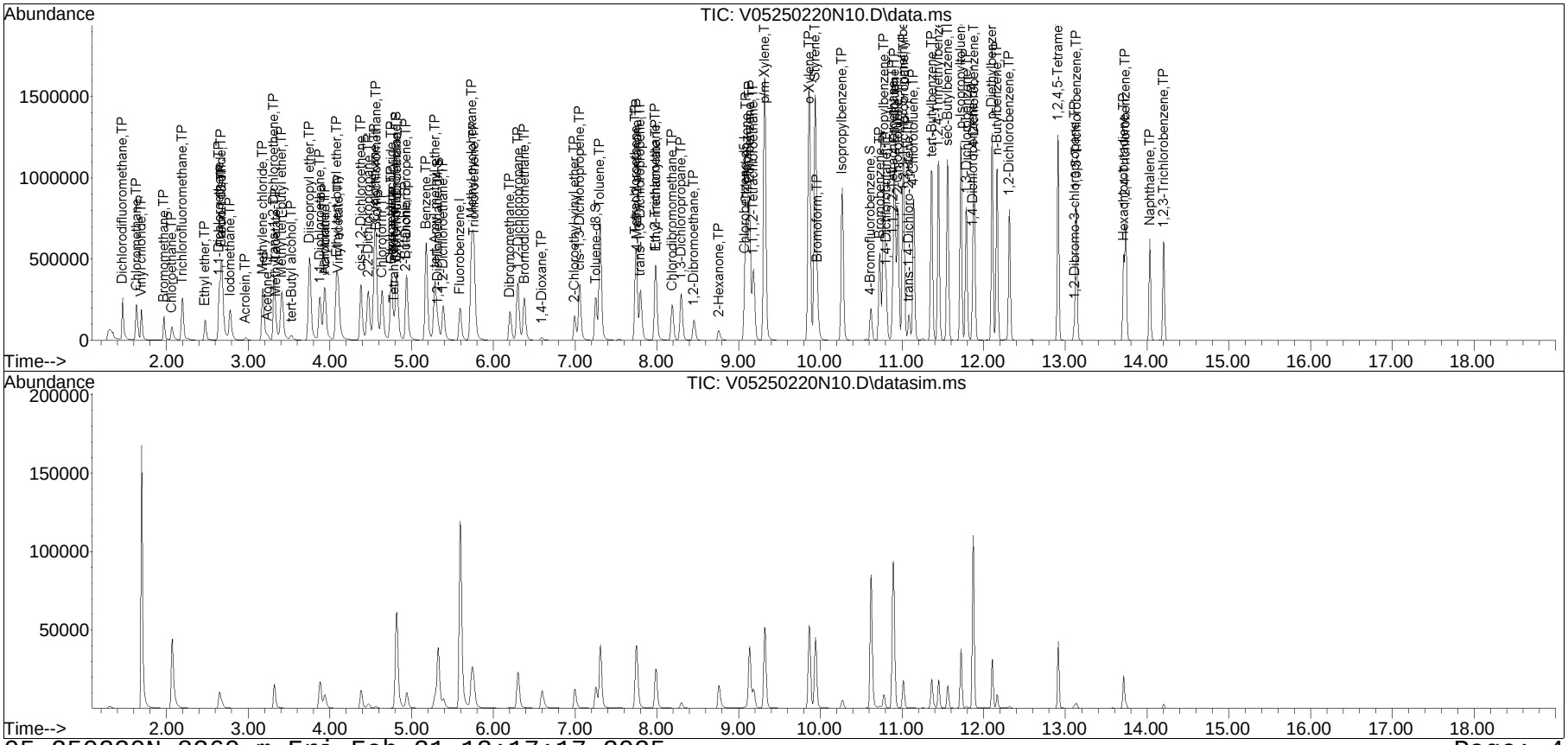
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N10.D
Acq On : 21 Feb 2025 2:38 am
Operator : VOA105:PID
Sample : I8260STD30PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 21 12:22:15 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

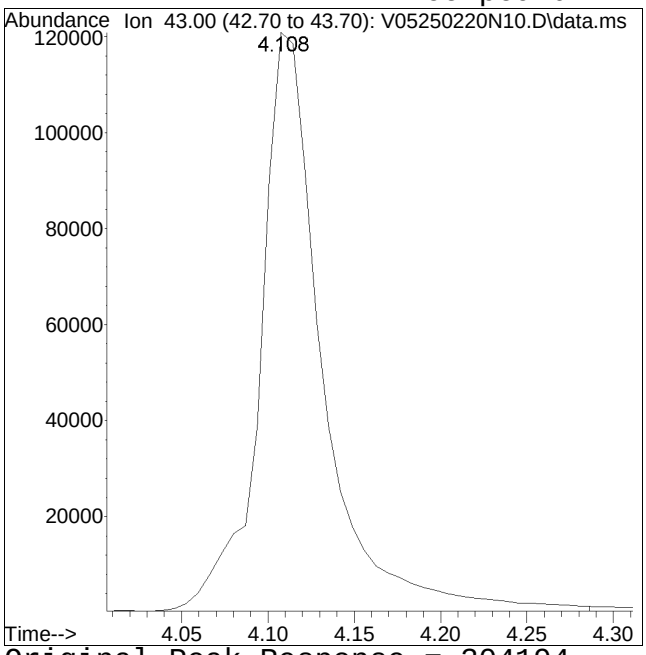
Sub List : 8260-Curve - Megamix plus Diox\V05250220N09.D•



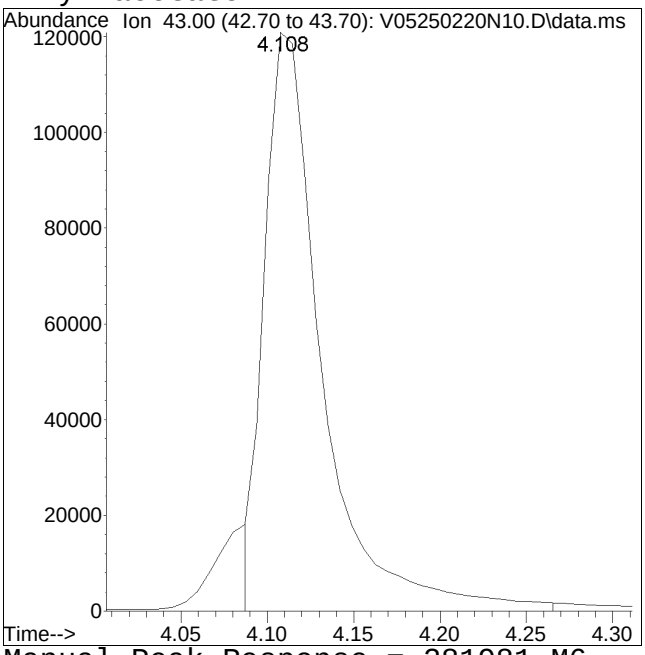
Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N10.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 2:38 am Instrument : VOA105
Sample : I8260STD30PPB Quant Date : 2/21/2025 12:22 pm

Compound #27: Vinyl acetate



Original Peak Response = 304194



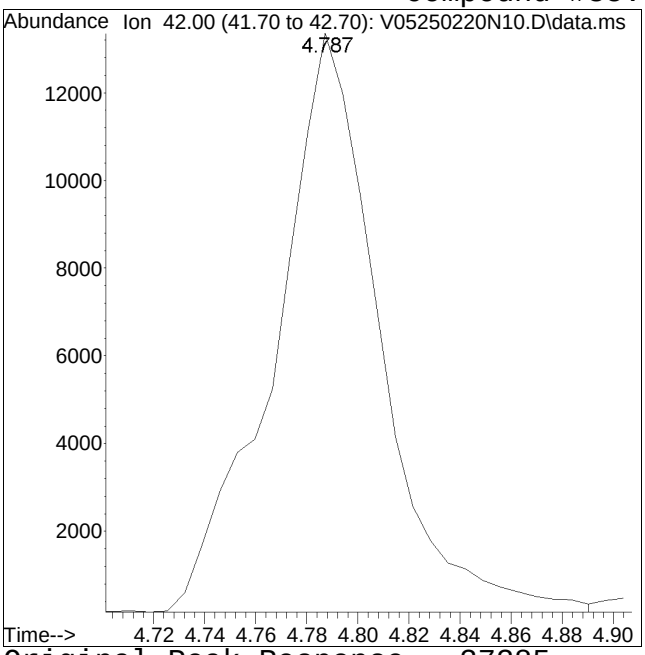
Manual Peak Response = 281981 M6

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

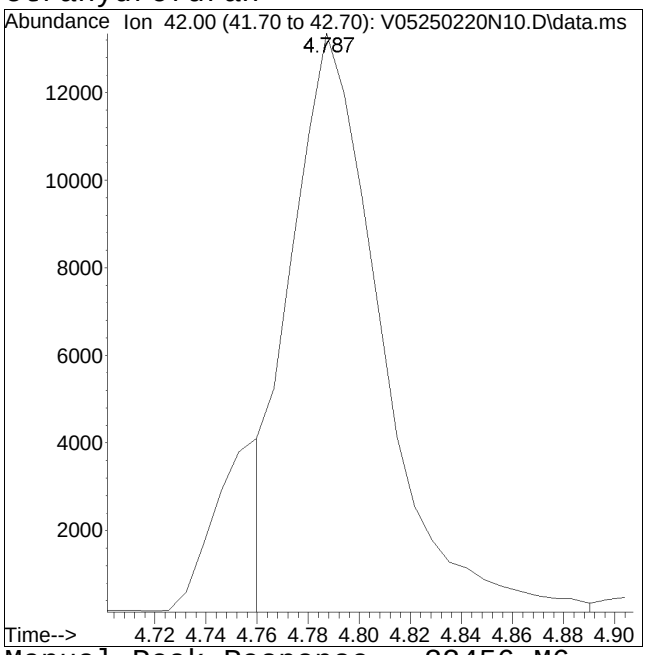
Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N10.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 2:38 am Instrument : VOA105
Sample : I8260STD30PPB Quant Date : 2/21/2025 12:22 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 37385



Manual Peak Response = 32456 M6

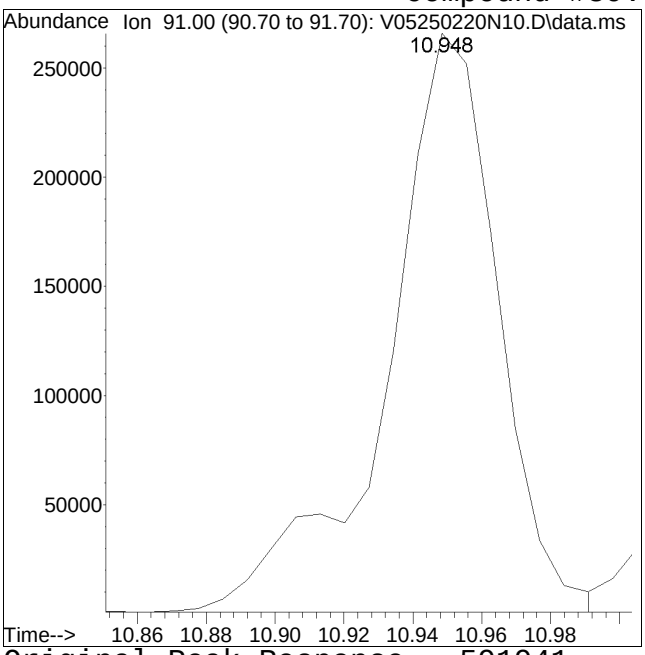
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

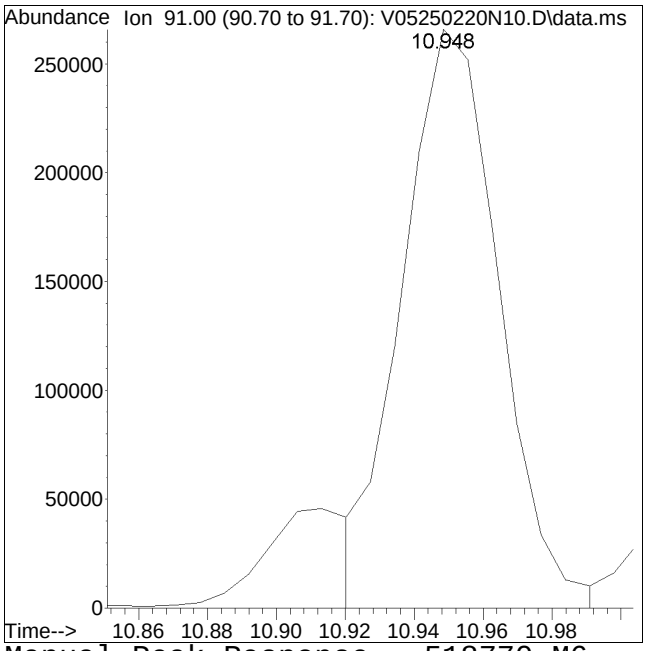
Data Path : K:\VOA105\2025\250220NICALQ
Data File : V05250220N10.D
Date Inj'd : 2/21/2025 2:38 am
Sample : I8260STD30PPB

Method : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 2/21/2025 12:22 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 591941



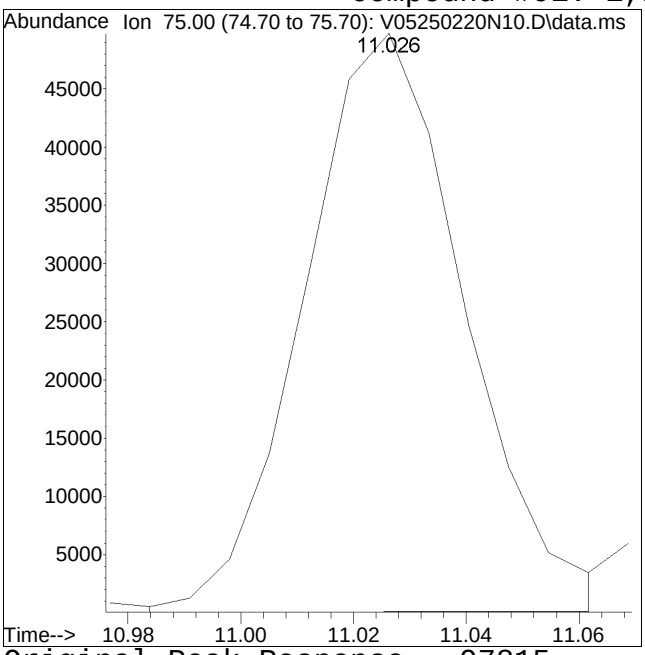
Manual Peak Response = 518770 M6

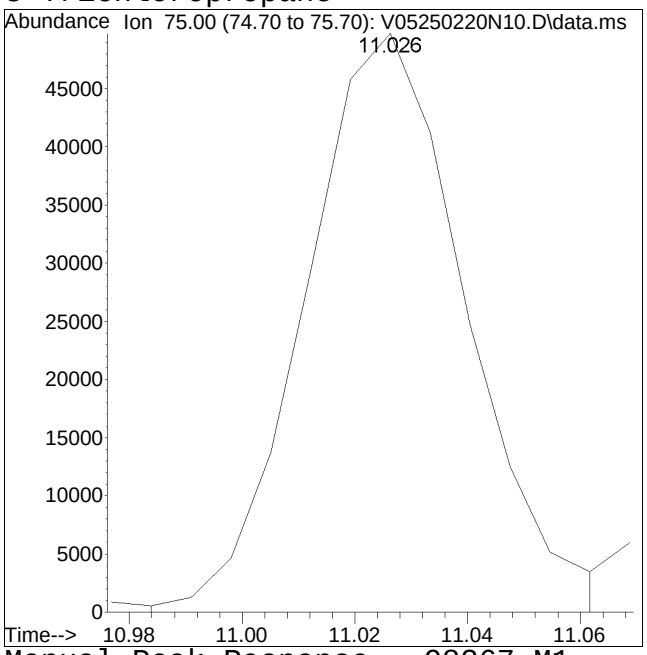
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N10.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 2:38 am Instrument : VOA105
Sample : I8260STD30PPB Quant Date : 2/21/2025 12:22 pm

Compound #91: 1,2,3-Trichloropropane



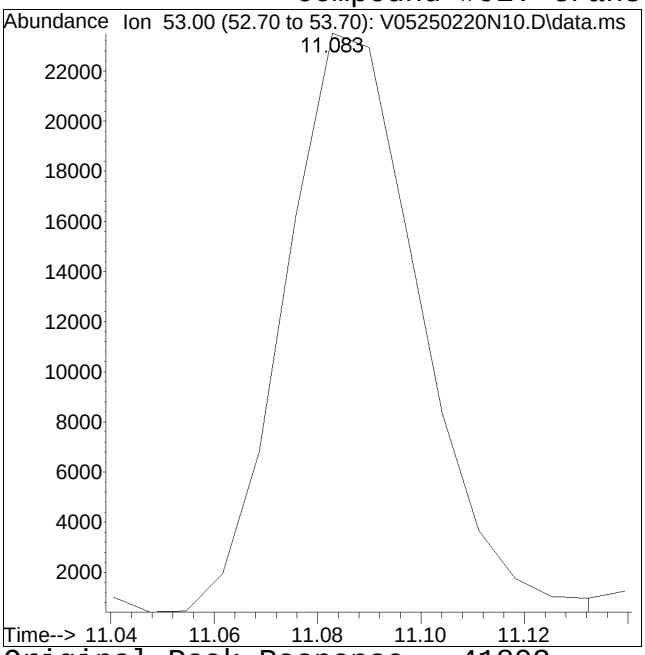


Original Peak Response = 97815 Manual Peak Response = 98267 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

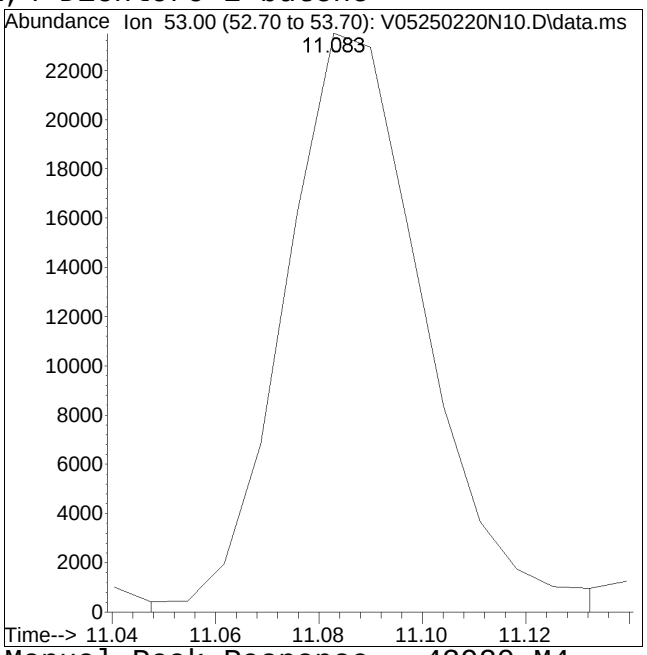
Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N10.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 2:38 am Instrument : VOA105
Sample : I8260STD30PPB Quant Date : 2/21/2025 12:22 pm

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 41802



Manual Peak Response = 43920 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N11.D
Acq On : 21 Feb 2025 3:03 am
Operator : VOA105:PID
Sample : I8260STD80PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 21 12:22:22 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.598	96	220536	10.000	ug/L	0.00
Standard Area 1 = 207883			Recovery = 106.09%			
59) Chlorobenzene-d5	9.076	117	177196	10.000	ug/L	0.00
Standard Area 1 = 162110			Recovery = 109.31%			
79) 1,4-Dichlorobenzene-d4	11.868	152	102644	10.000	ug/L	0.00
Standard Area 1 = 96637			Recovery = 106.22%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.814	113	61374	9.925	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.25%			
43) 1,2-Dichloroethane-d4	5.323	65	69753	9.783	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.83%			
60) Toluene-d8	7.256	98	228500	9.904	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.04%			
83) 4-Bromofluorobenzene	10.623	95	80037	9.753	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.53%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.465	85	555968	84.427	ug/L	99
3) Chloromethane	1.629	50	687552	81.024	ug/L	100
4) Vinyl chloride	1.691	62	469340	82.530	ug/L	100
5) Bromomethane	1.973	94	226146	88.510	ug/L	99
6) Chloroethane	2.062	64	241139	84.408	ug/L	98
7) Trichlorofluoromethane	2.199	101	648945	85.094	ug/L	99
8) Ethyl ether	2.474	74	132085	83.564	ug/L	97
10) 1,1-Dichloroethene	2.645	96	311505	85.561	ug/L	99
11) Carbon disulfide	2.673	76	957163	85.276	ug/L	100
12) Freon-113	2.680	101	350646	85.627	ug/L	94
13) Iodomethane	2.783	142	659070	90.073	ug/L	99
14) Acrolein	2.968	56	57052	88.093	ug/L	94
15) Methylene chloride	3.181	84	406245	78.257	ug/L	97
17) Acetone	3.236	43	74571	57.085	ug/L	96
18) trans-1,2-Dichloroethene	3.318	96	419832	84.579	ug/L	100
19) Methyl acetate	3.339	43	209929	84.886	ug/L	99
20) Methyl tert-butyl ether	3.414	73	867669	85.966	ug/L	95
21) tert-Butyl alcohol	3.531	59	92947	413.223	ug/L #	84
22) Diisopropyl ether	3.750	45	1615942	84.608	ug/L	96
23) 1,1-Dichloroethane	3.874	63	861249	81.815	ug/L	99
24) Halothane	3.936	117	331569	83.923	ug/L	98

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N11.D
Acq On : 21 Feb 2025 3:03 am
Operator : VOA105:PID
Sample : I8260STD80PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 21 12:22:22 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	3.936	53	120110	83.033	ug/L		98
26) Ethyl tert-butyl ether	4.087	59	1292553	86.689	ug/L		97
27) Vinyl acetate	4.107	43	818573M6	87.017	ug/L		
28) cis-1,2-Dichloroethene	4.382	96	450207	83.395	ug/L		96
29) 2,2-Dichloropropane	4.471	77	622140	86.531	ug/L		93
30) Bromochloromethane	4.567	128	213267	80.701	ug/L		96
31) Cyclohexane	4.547	56	1027653	85.730	ug/L		99
32) Chloroform	4.636	83	739866	81.007	ug/L		98
33) Ethyl acetate	4.746	43	311889	84.052	ug/L		97
34) Carbon tetrachloride	4.753	117	678342	89.105	ug/L		99
35) Tetrahydrofuran	4.787	42	88492M6	78.480	ug/L		
37) 1,1,1-Trichloroethane	4.821	97	708198	85.353	ug/L		97
39) 2-Butanone	4.931	43	147843	80.700	ug/L		90
40) 1,1-Dichloropropene	4.938	75	579363	88.011	ug/L		99
41) Benzene	5.182	78	1574696	84.116	ug/L		100
42) tert-Amyl methyl ether	5.287	73	847885	86.675	ug/L		90
44) 1,2-Dichloroethane	5.386	62	567277	80.933	ug/L		99
47) Methyl cyclohexane	5.739	83	772774	86.836	ug/L		98
48) Trichloroethene	5.767	95	444771	83.177	ug/L		99
50) Dibromomethane	6.205	93	222852	81.876	ug/L		97
51) 1,2-Dichloropropane	6.296	63	473365	82.896	ug/L		99
53) 2-Chloroethyl vinyl ether	6.995	63	237672	97.787	ug/L		99
54) Bromodichloromethane	6.381	83	564700	84.290	ug/L		100
57) 1,4-Dioxane	6.593	88	20234	851.905	ug/L		97
58) cis-1,3-Dichloropropene	7.058	75	636588	94.073	ug/L		97
61) Toluene	7.305	92	1047615	81.825	ug/L		99
62) 4-Methyl-2-pentanone	7.750	58	112651	86.201	ug/L		93
63) Tetrachloroethene	7.743	166	523646	85.184	ug/L		99
65) trans-1,3-Dichloropropene	7.799	75	545039	96.239	ug/L		98
67) Ethyl methacrylate	7.990	69	336479	94.288	ug/L		91
68) 1,1,2-Trichloroethane	7.983	83	252890	80.222	ug/L		98
69) Chlorodibromomethane	8.187	129	441429	86.266	ug/L		99
70) 1,3-Dichloropropane	8.300	76	541884	81.818	ug/L		99
71) 1,2-Dibromoethane	8.455	107	321210	84.887	ug/L		98
72) 2-Hexanone	8.752	43	184992	86.817	ug/L	#	94
73) Chlorobenzene	9.098	112	1242607	81.292	ug/L		99
74) Ethylbenzene	9.133	91	2066610	83.896	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.182	131	468622	84.765	ug/L		99
76) p/m Xylene	9.323	106	1611211	168.886	ug/L		98
77) o Xylene	9.867	106	1550930	169.689	ug/L		99

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N11.D
Acq On : 21 Feb 2025 3:03 am
Operator : VOA105:PID
Sample : I8260STD80PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 21 12:22:22 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	9.937	104	2528412	171.083	ug/L	98
80) Bromoform	9.972	173	251171	86.218	ug/L	98
82) Isopropylbenzene	10.269	105	2170282	86.322	ug/L	99
84) Bromobenzene	10.729	156	512834	82.344	ug/L	98
85) n-Propylbenzene	10.778	91	2459786	84.674	ug/L	100
86) 1,4-Dichlorobutane	10.807	55	615519	78.460	ug/L	99
87) 1,1,2,2-Tetrachloroethane	10.892	83	342674	79.193	ug/L	99
88) 4-Ethyltoluene	10.913	105	2118097	85.681	ug/L	100
89) 2-Chlorotoluene	10.948	91	1413333M6	81.866	ug/L	
90) 1,3,5-Trimethylbenzene	11.019	105	1825643	84.156	ug/L	100
91) 1,2,3-Trichloropropane	11.026	75	269473M1	78.510	ug/L	
92) trans-1,4-Dichloro-2-b...	11.083	53	125003M4	81.497	ug/L	
93) 4-Chlorotoluene	11.146	91	1470813	82.594	ug/L	98
94) tert-Butylbenzene	11.366	119	1629089	86.055	ug/L	99
97) 1,2,4-Trimethylbenzene	11.450	105	1793263	86.697	ug/L	100
98) sec-Butylbenzene	11.557	105	2293648	86.003	ug/L	99
99) p-Isopropyltoluene	11.719	119	2082208	87.945	ug/L	99
100) 1,3-Dichlorobenzene	11.790	146	1032666	82.432	ug/L	99
101) 1,4-Dichlorobenzene	11.882	146	1030539	80.056	ug/L	100
102) p-Diethylbenzene	12.108	119	1223012	87.998	ug/L	99
103) n-Butylbenzene	12.165	91	1603615	85.581	ug/L	100
104) 1,2-Dichlorobenzene	12.313	146	928187	81.848	ug/L	100
105) 1,2,4,5-Tetramethylben...	12.915	119	1807932	91.882	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.113	155	58987	96.068	ug/L	100
107) 1,3,5-Trichlorobenzene	13.134	180	704173	84.517	ug/L	99
108) Hexachlorobutadiene	13.714	225	249951	85.611	ug/L	99
109) 1,2,4-Trichlorobenzene	13.742	180	594232	85.567	ug/L	99
110) Naphthalene	14.032	128	1228762	88.264	ug/L	100
111) 1,2,3-Trichlorobenzene	14.202	180	492610	84.566	ug/L	99

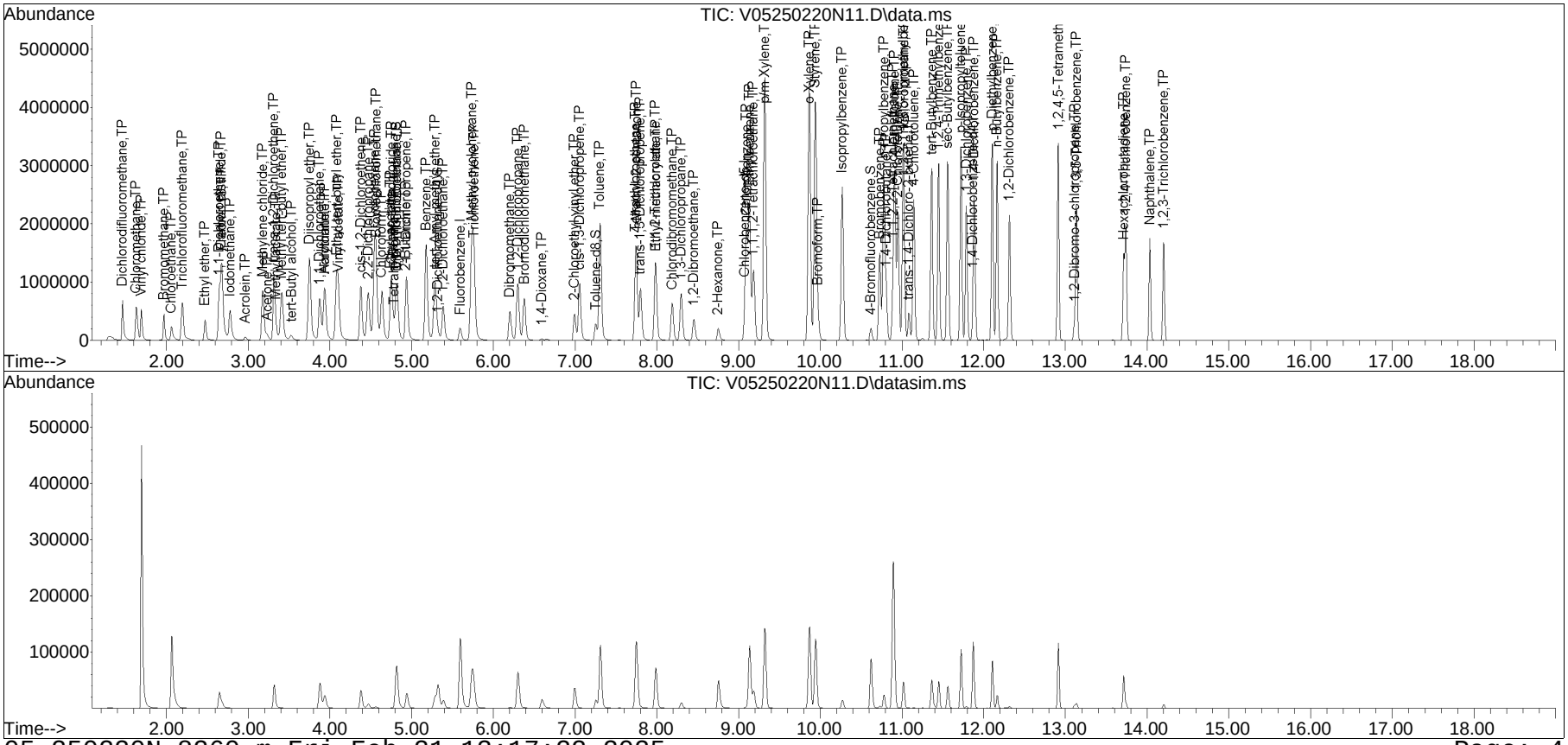
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N11.D
Acq On : 21 Feb 2025 3:03 am
Operator : VOA105:PID
Sample : I8260STD80PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 21 12:22:22 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox\V05250220N09.D•

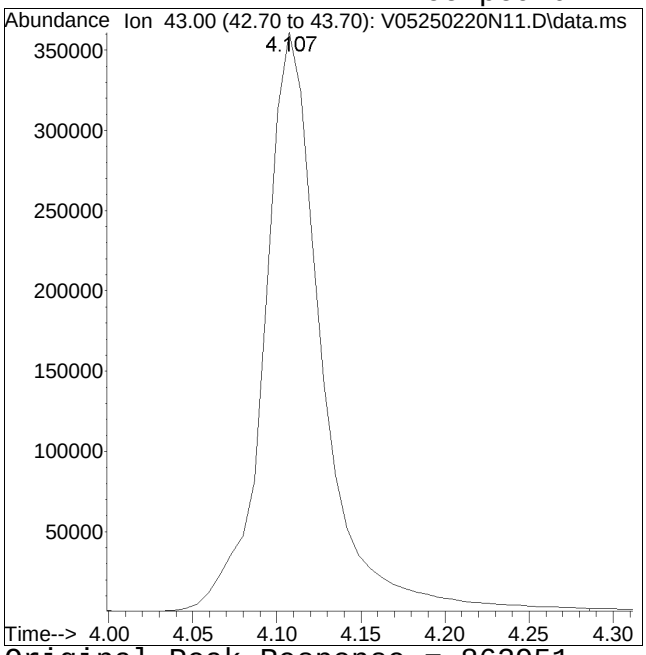


Manual Integration Report

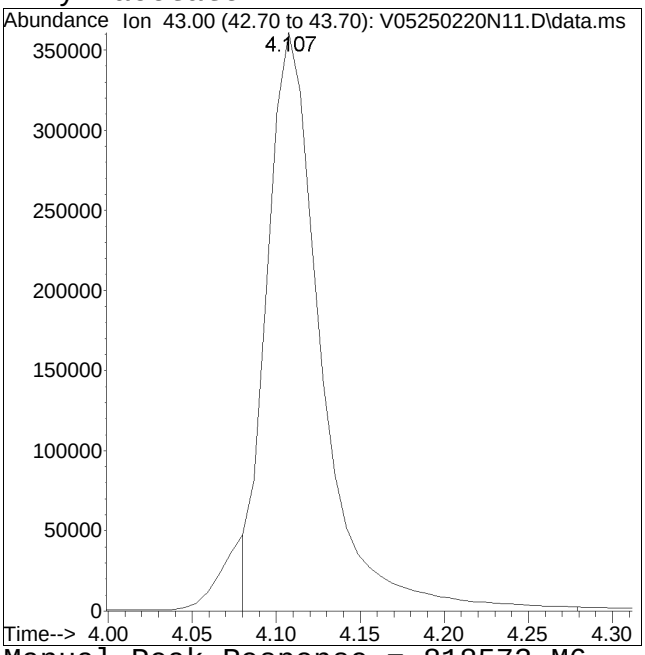
Data Path : K:\VOA105\2025\250220NICALQ
Data File : V05250220N11.D
Date Inj'd : 2/21/2025 3:03 am
Sample : I8260STD80PPB

Method : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 2/21/2025 12:22 pm

Compound #27: Vinyl acetate



Original Peak Response = 862951



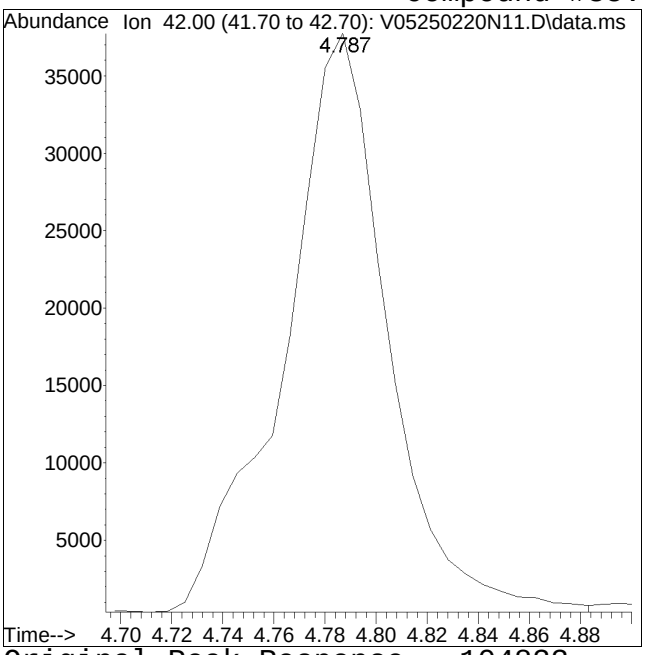
Manual Peak Response = 818573 M6

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

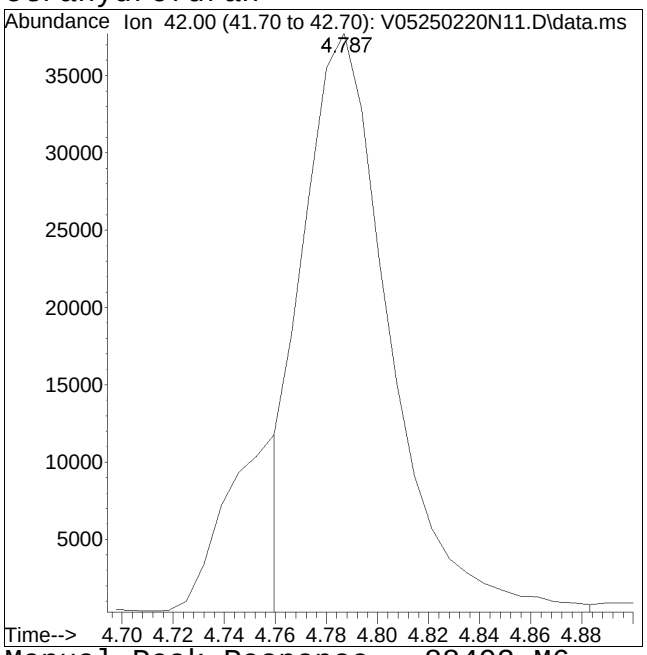
Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N11.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 3:03 am Instrument : VOA105
Sample : I8260STD80PPB Quant Date : 2/21/2025 12:22 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 104833



Manual Peak Response = 88492 M6

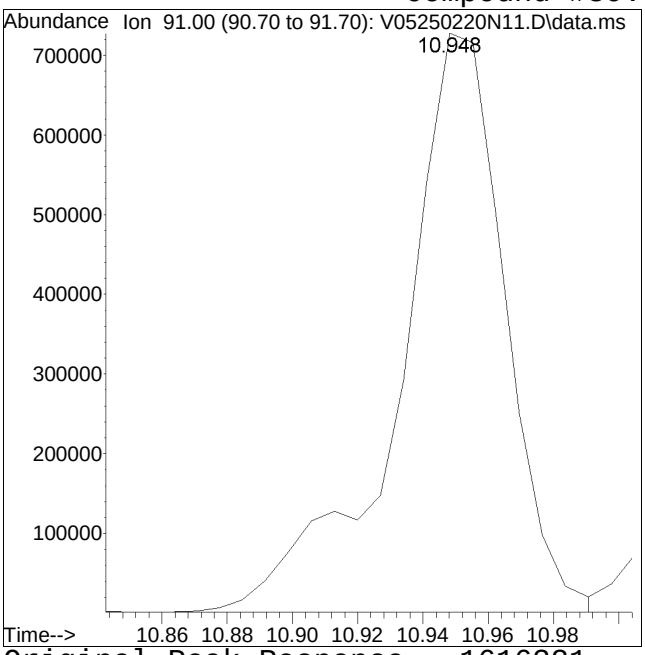
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

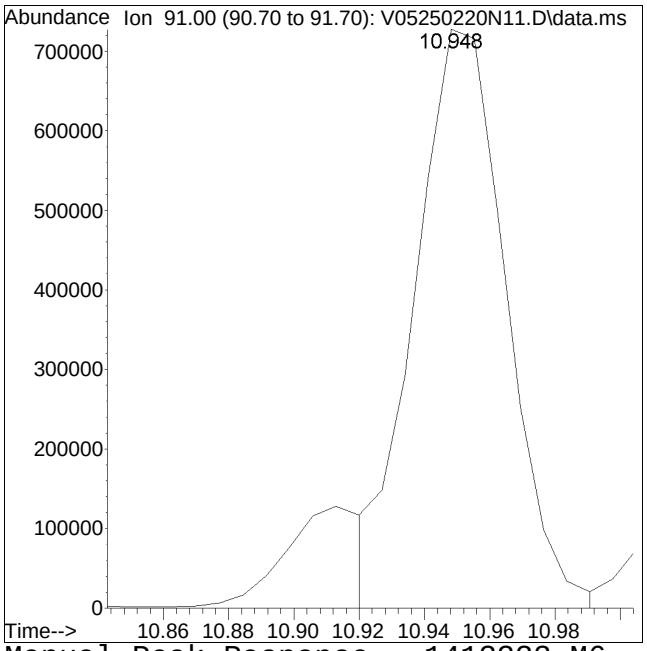
Data Path : K:\VOA105\2025\250220NICALQ
Data File : V05250220N11.D
Date Inj'd : 2/21/2025 3:03 am
Sample : I8260STD80PPB

Method : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 2/21/2025 12:22 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 1616321



Manual Peak Response = 1413333 M6

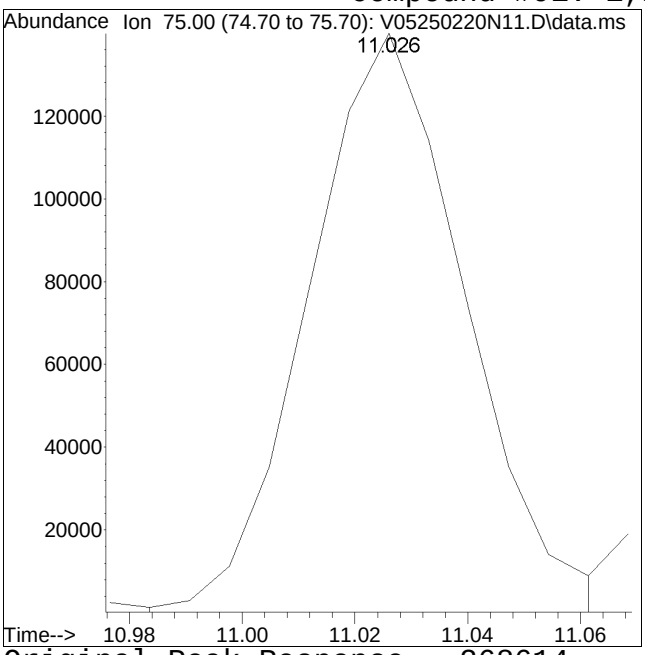
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

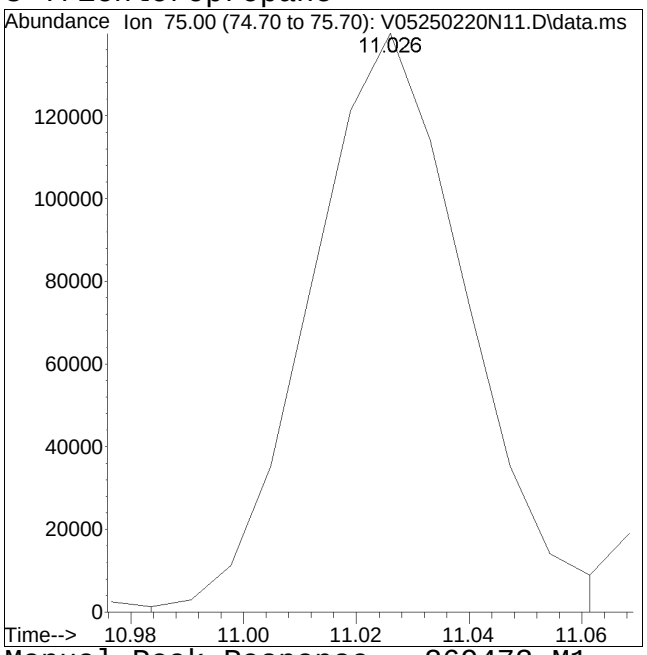
Data Path : K:\VOA105\2025\250220NICALQ
Data File : V05250220N11.D
Date Inj'd : 2/21/2025 3:03 am
Sample : I8260STD80PPB

Method : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 2/21/2025 12:22 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 268614



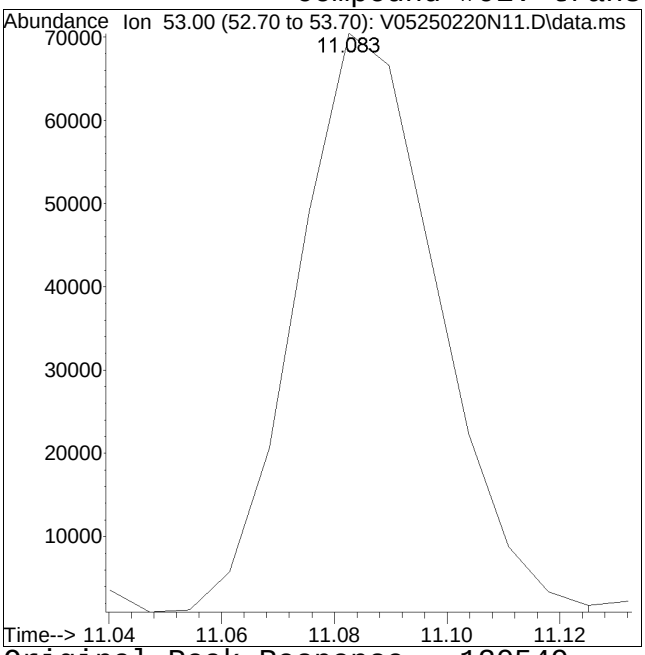
Manual Peak Response = 269473 M1

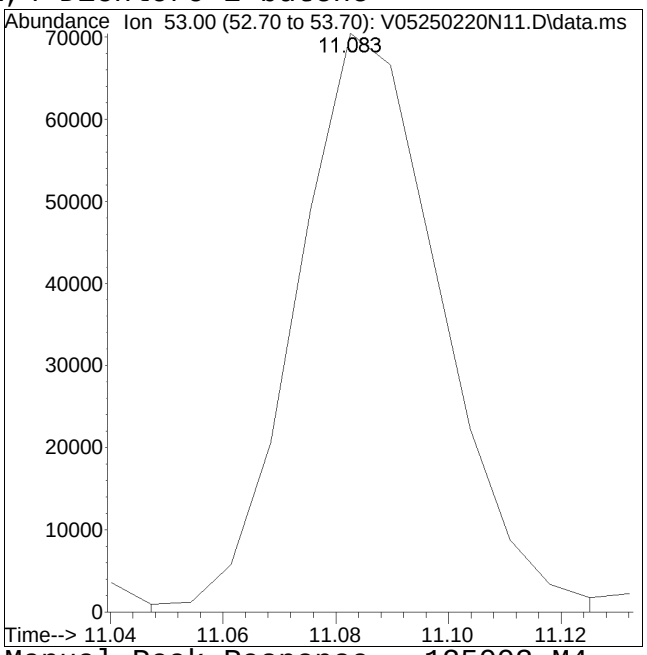
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N11.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 3:03 am Instrument : VOA105
Sample : I8260STD80PPB Quant Date : 2/21/2025 12:22 pm

Compound #92: trans-1,4-Dichloro-2-butene





Original Peak Response = 120549 Manual Peak Response = 125003 M4
M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N12.D
Acq On : 21 Feb 2025 3:29 am
Operator : VOA105:PID
Sample : I8260STD120PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 21 12:22:29 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.598	96	231161	10.000	ug/L	0.00
Standard Area 1 = 207883			Recovery = 111.20%			
59) Chlorobenzene-d5	9.076	117	184953	10.000	ug/L	0.00
Standard Area 1 = 162110			Recovery = 114.09%			
79) 1,4-Dichlorobenzene-d4	11.875	152	104293	10.000	ug/L	0.00
Standard Area 1 = 96637			Recovery = 107.92%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.814	113	62687	9.671	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.71%			
43) 1,2-Dichloroethane-d4	5.323	65	71419	9.556	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.56%			
60) Toluene-d8	7.256	98	239293	9.937	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.37%			
83) 4-Bromofluorobenzene	10.623	95	85085	10.205	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.05%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.465	85	852147	123.456	ug/L	100
3) Chloromethane	1.636	50	1043104	117.273	ug/L	100
4) Vinyl chloride	1.698	62	828741	139.029	ug/L	100
5) Bromomethane	1.973	94	378771	141.432	ug/L	99
6) Chloroethane	2.062	64	364594	121.757	ug/L	98
7) Trichlorofluoromethane	2.199	101	971951	121.591	ug/L	99
8) Ethyl ether	2.474	74	209635	126.531	ug/L	97
10) 1,1-Dichloroethene	2.652	96	483412	126.676	ug/L	97
11) Carbon disulfide	2.680	76	1499288	127.436	ug/L	100
12) Freon-113	2.680	101	540226	125.859	ug/L	92
13) Iodomethane	2.783	142	903056	117.745	ug/L	100
14) Acrolein	2.968	56	92944	136.917	ug/L	94
15) Methylene chloride	3.181	84	634331	116.578	ug/L	96
17) Acetone	3.236	43	120319	87.872	ug/L	97
18) trans-1,2-Dichloroethene	3.318	96	648280	124.600	ug/L	99
19) Methyl acetate	3.339	43	337917	130.359	ug/L	97
20) Methyl tert-butyl ether	3.414	73	1382973	130.722	ug/L	94
21) tert-Butyl alcohol	3.531	59	156669	664.504	ug/L #	82
22) Diisopropyl ether	3.751	45	2510460	125.401	ug/L	96
23) 1,1-Dichloroethane	3.881	63	1325841	120.159	ug/L	99
24) Halothane	3.936	117	513035	123.885	ug/L	98

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N12.D
Acq On : 21 Feb 2025 3:29 am
Operator : VOA105:PID
Sample : I8260STD120PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 21 12:22:29 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Acrylonitrile	3.936	53	193123	127.371 ug/L	97
26) Ethyl tert-butyl ether	4.087	59	2034420	130.173 ug/L	96
27) Vinyl acetate	4.107	43	1312425M6	133.103 ug/L	
28) cis-1,2-Dichloroethene	4.382	96	696870	123.152 ug/L	96
29) 2,2-Dichloropropane	4.471	77	965610	128.130 ug/L	92
30) Bromochloromethane	4.567	128	321229	115.967 ug/L	95
31) Cyclohexane	4.554	56	1579732	125.729 ug/L	99
32) Chloroform	4.643	83	1134113	118.466 ug/L	98
33) Ethyl acetate	4.746	43	508514	130.743 ug/L	98
34) Carbon tetrachloride	4.753	117	1038907	130.196 ug/L	100
35) Tetrahydrofuran	4.787	42	151632M6	128.295 ug/L	
37) 1,1,1-Trichloroethane	4.821	97	1083792	124.617 ug/L	97
39) 2-Butanone	4.931	43	237853	123.865 ug/L	90
40) 1,1-Dichloropropene	4.938	75	901503	130.653 ug/L	100
41) Benzene	5.182	78	2449919	124.852 ug/L	99
42) tert-Amyl methyl ether	5.287	73	1369470	133.560 ug/L	88
44) 1,2-Dichloroethane	5.386	62	871514	118.623 ug/L	99
47) Methyl cyclohexane	5.739	83	1217065	130.475 ug/L	96
48) Trichloroethene	5.767	95	681301	121.554 ug/L	99
50) Dibromomethane	6.205	93	354748	124.344 ug/L	98
51) 1,2-Dichloropropane	6.303	63	741289	123.848 ug/L	99
53) 2-Chloroethyl vinyl ether	6.995	63	383449	150.513 ug/L	98
54) Bromodichloromethane	6.381	83	886530	126.246 ug/L	100
57) 1,4-Dioxane	6.600	88	32874	1320.464 ug/L	98
58) cis-1,3-Dichloropropene	7.058	75	1010637	142.484 ug/L	97
61) Toluene	7.305	92	1622864	121.439 ug/L	100
62) 4-Methyl-2-pentanone	7.750	58	183043	134.191 ug/L	91
63) Tetrachloroethene	7.743	166	809441	126.153 ug/L	98
65) trans-1,3-Dichloropropene	7.799	75	865822	146.469 ug/L	98
67) Ethyl methacrylate	7.990	69	539739	144.902 ug/L	89
68) 1,1,2-Trichloroethane	7.983	83	398963	121.251 ug/L	98
69) Chlorodibromomethane	8.187	129	696089	130.328 ug/L	99
70) 1,3-Dichloropropane	8.300	76	853753	123.500 ug/L	100
71) 1,2-Dibromoethane	8.456	107	512568	129.777 ug/L	98
72) 2-Hexanone	8.752	43	304564	136.938 ug/L #	93
73) Chlorobenzene	9.098	112	1919768	120.325 ug/L	99
74) Ethylbenzene	9.133	91	3187226	123.962 ug/L	99
75) 1,1,1,2-Tetrachloroethane	9.182	131	727479	126.069 ug/L	99
76) p/m Xylene	9.323	106	2458830	246.923 ug/L	97
77) o Xylene	9.867	106	2378665	249.338 ug/L	98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N12.D
Acq On : 21 Feb 2025 3:29 am
Operator : VOA105:PID
Sample : I8260STD120PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 21 12:22:29 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	9.944	104	3871265	250.960	ug/L		98
80) Bromoform	9.973	173	426865	144.211	ug/L		96
82) Isopropylbenzene	10.269	105	3325675	130.185	ug/L		99
84) Bromobenzene	10.729	156	795668	125.738	ug/L		98
85) n-Propylbenzene	10.779	91	3765883	127.584	ug/L		100
86) 1,4-Dichlorobutane	10.807	55	958538	120.253	ug/L		100
87) 1,1,2,2-Tetrachloroethane	10.892	83	538085	122.387	ug/L		99
88) 4-Ethyltoluene	10.913	105	3214644	127.983	ug/L		100
89) 2-Chlorotoluene	10.955	91	2172979M6	123.877	ug/L		
90) 1,3,5-Trimethylbenzene	11.019	105	2765481	125.464	ug/L		100
91) 1,2,3-Trichloropropane	11.026	75	421458M1	120.848	ug/L		
92) trans-1,4-Dichloro-2-b...	11.090	53	197875	126.967	ug/L	#	77
93) 4-Chlorotoluene	11.146	91	2250091	124.357	ug/L		98
94) tert-Butylbenzene	11.366	119	2503004	130.129	ug/L		99
97) 1,2,4-Trimethylbenzene	11.451	105	2727163	129.763	ug/L		99
98) sec-Butylbenzene	11.564	105	3486493	128.663	ug/L		99
99) p-Isopropyltoluene	11.726	119	3164077	131.526	ug/L		99
100) 1,3-Dichlorobenzene	11.790	146	1577696	123.948	ug/L		99
101) 1,4-Dichlorobenzene	11.889	146	1573209	120.281	ug/L		99
102) p-Diethylbenzene	12.108	119	1870778	132.477	ug/L		100
103) n-Butylbenzene	12.165	91	2455574	128.977	ug/L		100
104) 1,2-Dichlorobenzene	12.321	146	1422794	123.478	ug/L		99
105) 1,2,4,5-Tetramethylben...	12.915	119	2774658	138.783	ug/L		99
106) 1,2-Dibromo-3-chloropr...	13.113	155	93020	149.100	ug/L		98
107) 1,3,5-Trichlorobenzene	13.134	180	1077970	127.335	ug/L		99
108) Hexachlorobutadiene	13.714	225	389704	131.368	ug/L		99
109) 1,2,4-Trichlorobenzene	13.742	180	920632	130.470	ug/L		99
110) Naphthalene	14.032	128	1936667	136.914	ug/L		100
111) 1,2,3-Trichlorobenzene	14.202	180	763581	129.011	ug/L		98

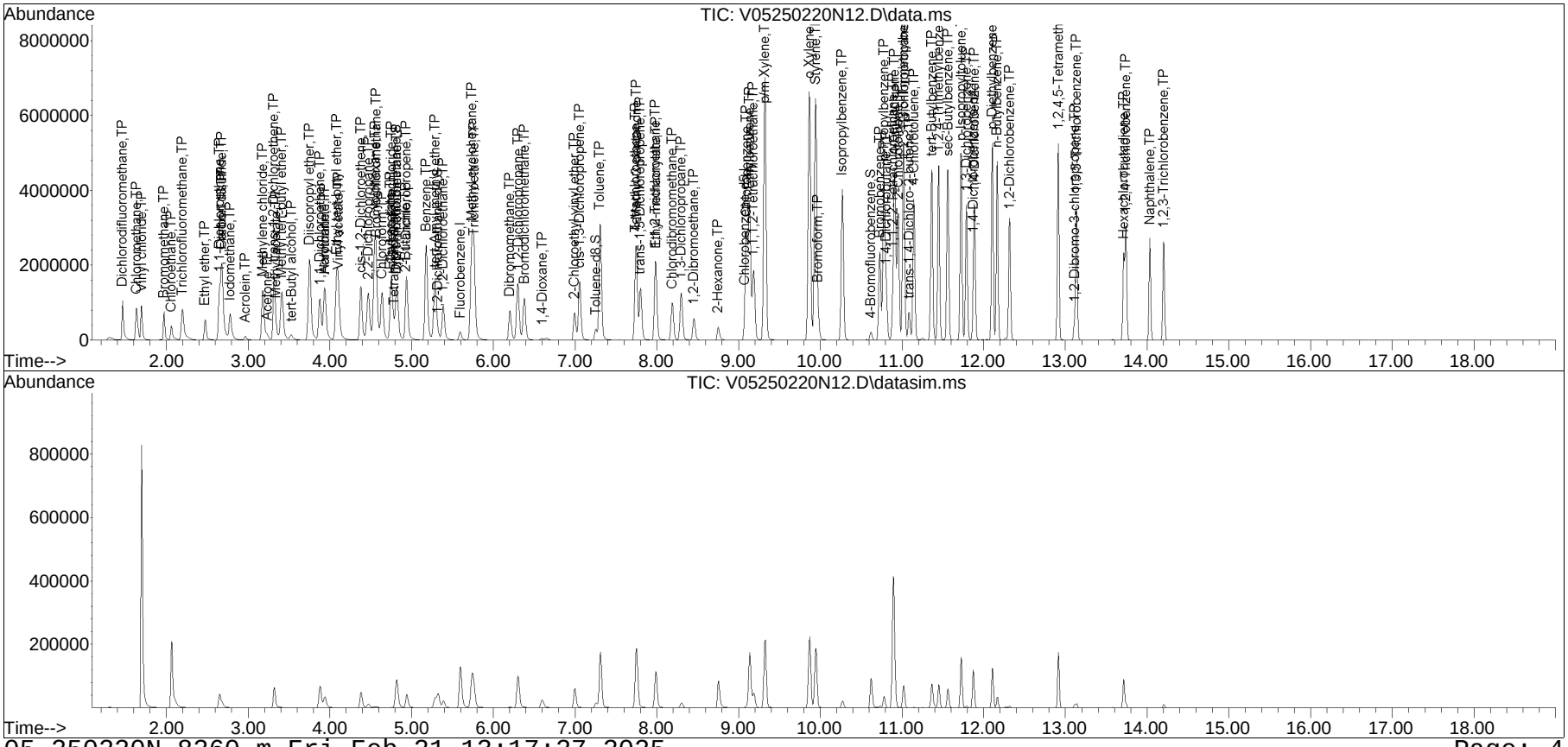
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N12.D
Acq On : 21 Feb 2025 3:29 am
Operator : VOA105:PID
Sample : I8260STD120PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 21 12:22:29 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox\V05250220N09.D•

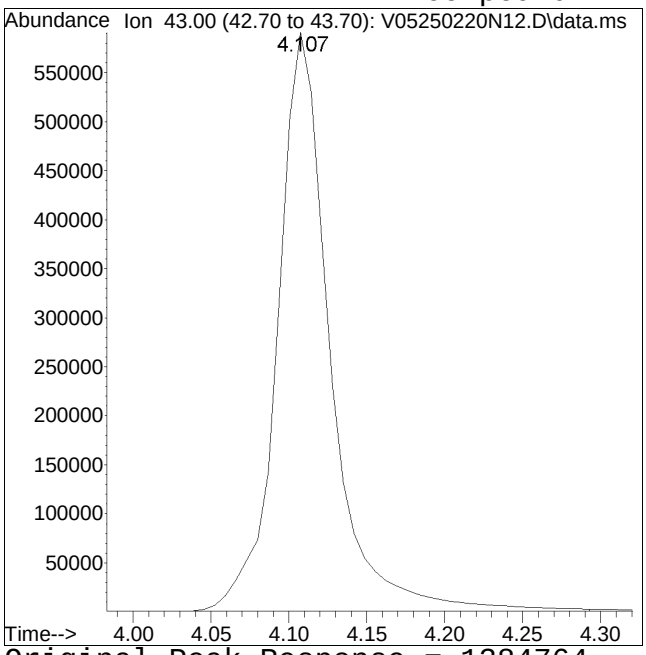


Manual Integration Report

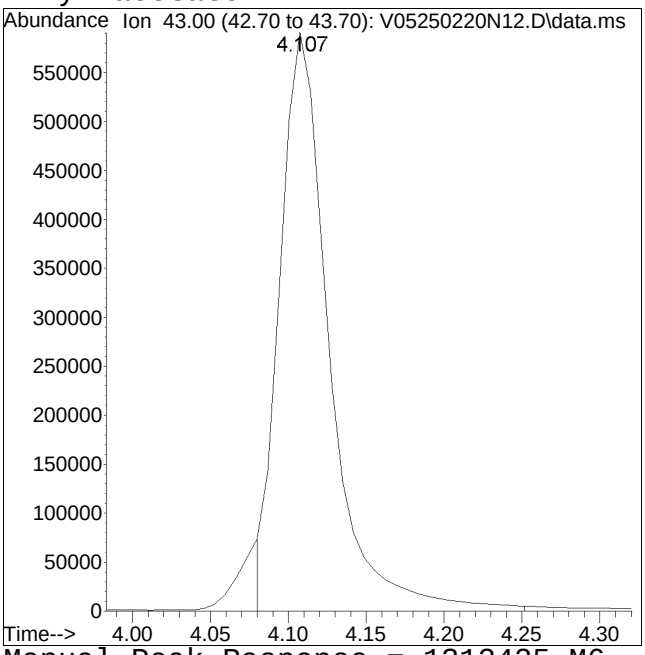
Data Path : K:\VOA105\2025\250220NICALQ
Data File : V05250220N12.D
Date Inj'd : 2/21/2025 3:29 am
Sample : I8260STD120PPB

Method : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 2/21/2025 12:22 pm

Compound #27: Vinyl acetate



Original Peak Response = 1384764



Manual Peak Response = 1312425 M6

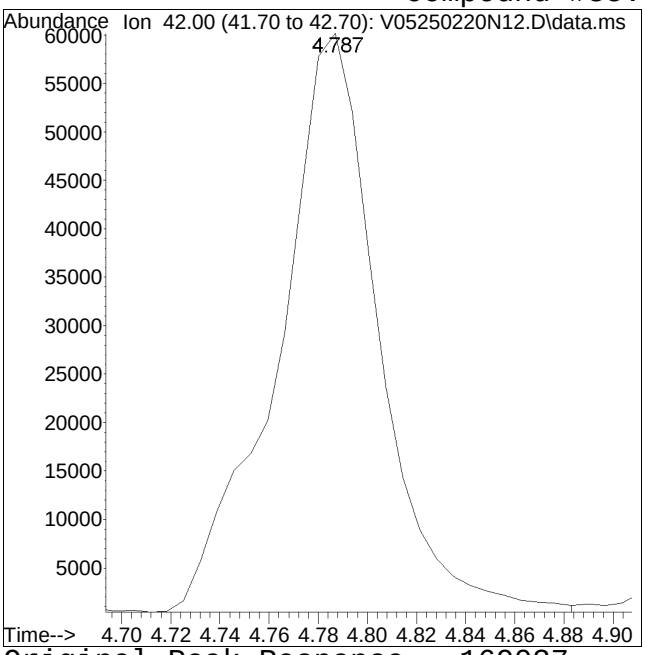
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

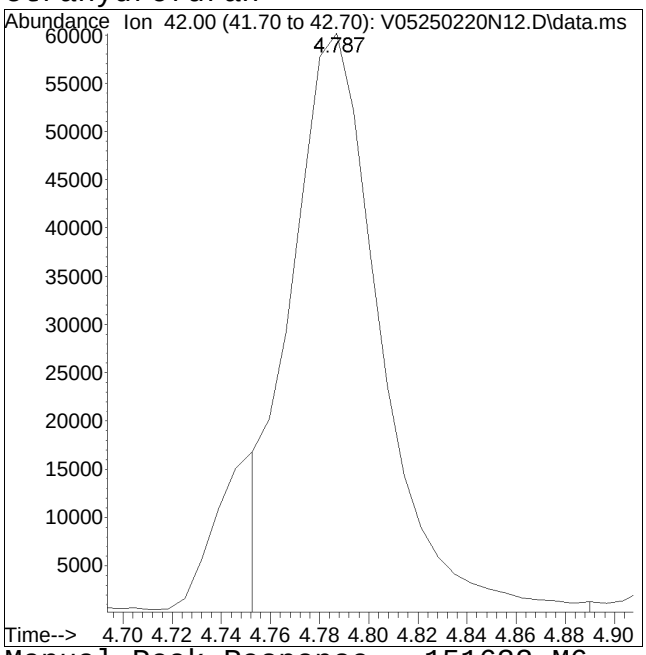
Data Path : K:\VOA105\2025\250220NICALQ
Data File : V05250220N12.D
Date Inj'd : 2/21/2025 3:29 am
Sample : I8260STD120PPB

Method : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 2/21/2025 12:22 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 169037



Manual Peak Response = 151632 M6

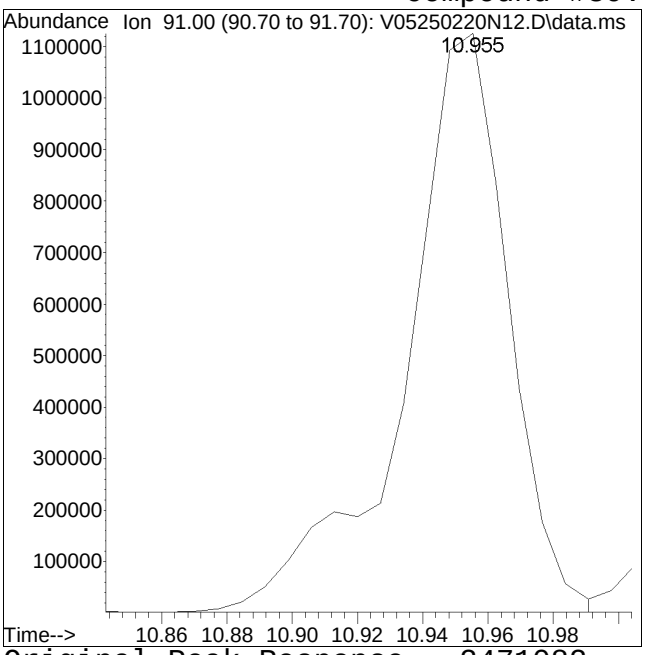
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

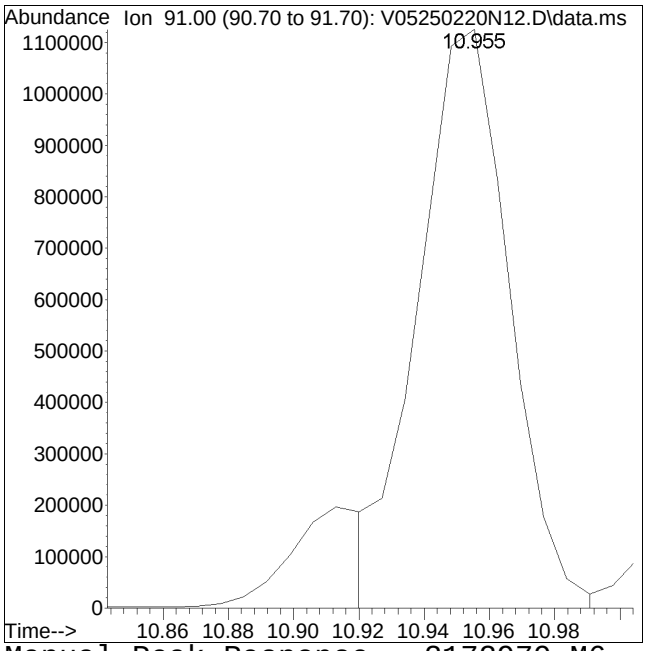
Data Path : K:\VOA105\2025\250220NICALQ
Data File : V05250220N12.D
Date Inj'd : 2/21/2025 3:29 am
Sample : I8260STD120PPB

Method : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 2/21/2025 12:22 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 2471082



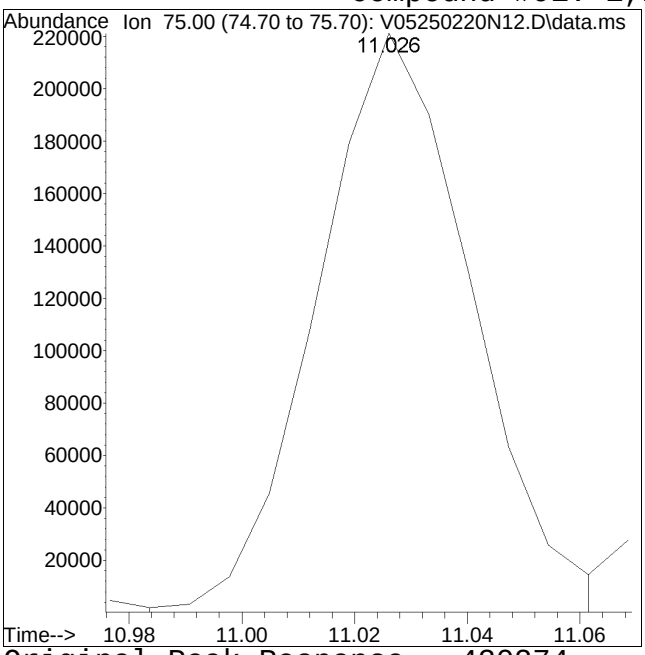
Manual Peak Response = 2172979 M6

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

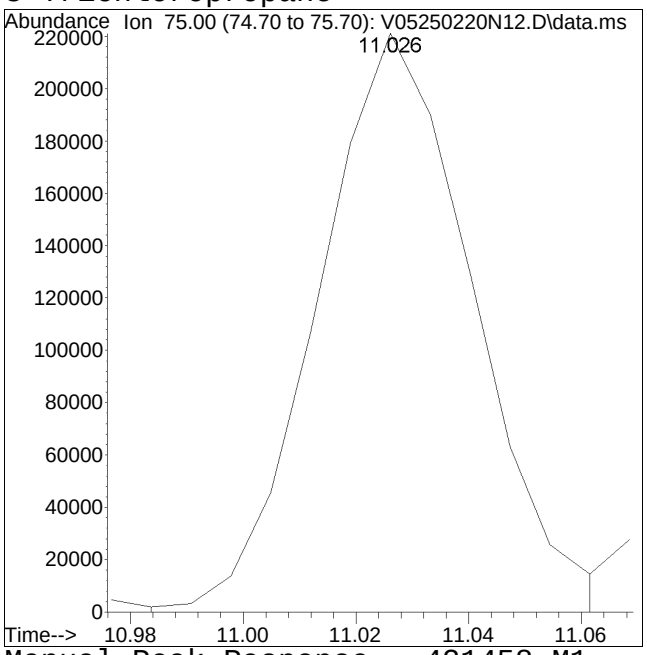
Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N12.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 3:29 am Instrument : VOA105
Sample : I8260STD120PPB Quant Date : 2/21/2025 12:22 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 420274



Manual Peak Response = 421458 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N13.D
Acq On : 21 Feb 2025 3:54 am
Operator : VOA105:PID
Sample : I8260STD200PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 21 12:22:37 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.598	96	248418	10.000	ug/L	0.00
Standard Area 1 = 207883			Recovery = 119.50%			
59) Chlorobenzene-d5	9.076	117	196689	10.000	ug/L	0.00
Standard Area 1 = 162110			Recovery = 121.33%			
79) 1,4-Dichlorobenzene-d4	11.875	152	108041	10.000	ug/L	0.00
Standard Area 1 = 96637			Recovery = 111.80%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.814	113	66162	9.498	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.98%			
43) 1,2-Dichloroethane-d4	5.323	65	75139	9.355	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.55%			
60) Toluene-d8	7.256	98	255665	9.983	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.83%			
83) 4-Bromofluorobenzene	10.623	95	88629	10.261	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.61%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.465	85	1427580	192.455	ug/L	100
3) Chloromethane	1.630	50	1802672	188.591	ug/L	99
4) Vinyl chloride	1.691	62	1433227	223.735	ug/L	100
5) Bromomethane	1.973	94	693876	241.092	ug/L	99
6) Chloroethane	2.062	64	607949	188.922	ug/L	97
7) Trichlorofluoromethane	2.199	101	1616866	188.219	ug/L	99
8) Ethyl ether	2.474	74	363174	203.976	ug/L	96
10) 1,1-Dichloroethene	2.652	96	837937	204.324	ug/L	97
11) Carbon disulfide	2.680	76	2613124	206.680	ug/L	100
12) Freon-113	2.680	101	908587	196.973	ug/L	88
13) Iodomethane	2.783	142	1488119	180.550	ug/L	99
14) Acrolein	2.968	56	161079	220.804	ug/L	94
15) Methylene chloride	3.181	84	1097154	187.630	ug/L	94
17) Acetone	3.236	43	204046	138.668	ug/L	96
18) trans-1,2-Dichloroethene	3.318	96	1122710	200.795	ug/L	99
19) Methyl acetate	3.339	43	549946	197.416	ug/L	97
20) Methyl tert-butyl ether	3.414	73	2389769	210.195	ug/L	93
21) tert-Butyl alcohol	3.531	59	272228	1074.432	ug/L #	79
22) Diisopropyl ether	3.751	45	4255515	197.802	ug/L	96
23) 1,1-Dichloroethane	3.881	63	2288456	192.993	ug/L	99
24) Halothane	3.936	117	883734	198.576	ug/L	98

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N13.D
Acq On : 21 Feb 2025 3:54 am
Operator : VOA105:PID
Sample : I8260STD200PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 21 12:22:37 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	3.936	53	323699	198.660	ug/L		96
26) Ethyl tert-butyl ether	4.087	59	3479299	207.159	ug/L		97
27) Vinyl acetate	4.107	43	2226523M6	210.122	ug/L		
28) cis-1,2-Dichloroethene	4.382	96	1206745	198.444	ug/L		97
29) 2,2-Dichloropropane	4.471	77	1667512	205.897	ug/L		90
30) Bromochloromethane	4.567	128	536715	180.300	ug/L		94
31) Cyclohexane	4.554	56	2628270	194.649	ug/L		97
32) Chloroform	4.636	83	1943748	188.933	ug/L		98
33) Ethyl acetate	4.746	43	852146	203.873	ug/L		98
34) Carbon tetrachloride	4.753	117	1771096	206.535	ug/L		99
35) Tetrahydrofuran	4.787	42	252911M6	199.122	ug/L		
37) 1,1,1-Trichloroethane	4.821	97	1855050	198.481	ug/L		97
39) 2-Butanone	4.931	43	397879	192.807	ug/L		89
40) 1,1-Dichloropropene	4.938	75	1544704	208.320	ug/L		100
41) Benzene	5.182	78	4247348	201.416	ug/L		99
42) tert-Amyl methyl ether	5.287	73	2386293	216.560	ug/L		87
44) 1,2-Dichloroethane	5.386	62	1481338	187.620	ug/L		99
47) Methyl cyclohexane	5.739	83	2049670	204.470	ug/L		95
48) Trichloroethene	5.767	95	1176309	195.291	ug/L		100
50) Dibromomethane	6.205	93	617070	201.266	ug/L		99
51) 1,2-Dichloropropane	6.304	63	1290849	200.682	ug/L		99
53) 2-Chloroethyl vinyl ether	6.995	63	670619	244.948	ug/L		97
54) Bromodichloromethane	6.381	83	1541023	204.203	ug/L		100
57) 1,4-Dioxane	6.593	88	57922	2164.957	ug/L		96
58) cis-1,3-Dichloropropene	7.058	75	1765792	231.656	ug/L		97
61) Toluene	7.312	92	2814613	198.051	ug/L		99
62) 4-Methyl-2-pentanone	7.750	58	310120	213.787	ug/L		89
63) Tetrachloroethene	7.750	166	1388301	203.459	ug/L		98
65) trans-1,3-Dichloropropene	7.806	75	1492292	237.385	ug/L		99
67) Ethyl methacrylate	7.990	69	932259	235.347	ug/L		89
68) 1,1,2-Trichloroethane	7.983	83	681094	194.644	ug/L		98
69) Chlorodibromomethane	8.187	129	1210996	213.205	ug/L		99
70) 1,3-Dichloropropane	8.300	76	1468916	199.807	ug/L		99
71) 1,2-Dibromoethane	8.456	107	879042	209.285	ug/L		98
72) 2-Hexanone	8.752	43	523990	221.539	ug/L	#	93
73) Chlorobenzene	9.098	112	3331433	196.345	ug/L		100
74) Ethylbenzene	9.140	91	5478198	200.352	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.189	131	1250047	203.702	ug/L		99
76) p/m Xylene	9.323	106	4178301	394.561	ug/L		97
77) o Xylene	9.874	106	4040008	398.216	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N13.D
Acq On : 21 Feb 2025 3:54 am
Operator : VOA105:PID
Sample : I8260STD200PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 21 12:22:37 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78)	Styrene	9.944	104	6524616	397.729	ug/L	96
80)	Bromoform	9.973	173	723499	235.946	ug/L	98
82)	Isopropylbenzene	10.276	105	5691859	215.081	ug/L	99
84)	Bromobenzene	10.729	156	1367800	208.652	ug/L	98
85)	n-Propylbenzene	10.779	91	6367688	208.247	ug/L	100
86)	1,4-Dichlorobutane	10.807	55	1597951	193.516	ug/L	100
87)	1,1,2,2-Tetrachloroethane	10.892	83	903985	198.478	ug/L	99
88)	4-Ethyltoluene	10.913	105	5417491	208.201	ug/L	100
89)	2-Chlorotoluene	10.955	91	3566876M6	196.287	ug/L	
90)	1,3,5-Trimethylbenzene	11.019	105	4667899	204.426	ug/L	100
91)	1,2,3-Trichloropropane	11.026	75	710608M1	196.690	ug/L	
92)	trans-1,4-Dichloro-2-b...	11.090	53	330647M1	204.801	ug/L	
93)	4-Chlorotoluene	11.146	91	3864194	206.157	ug/L	98
94)	tert-Butylbenzene	11.366	119	4220249	211.795	ug/L	99
97)	1,2,4-Trimethylbenzene	11.451	105	4595636	211.082	ug/L	100
98)	sec-Butylbenzene	11.564	105	5847582	208.310	ug/L	99
99)	p-Isopropyltoluene	11.726	119	5288685	212.216	ug/L	99
100)	1,3-Dichlorobenzene	11.790	146	2658285	201.597	ug/L	99
101)	1,4-Dichlorobenzene	11.889	146	2669148	196.992	ug/L	100
102)	p-Diethylbenzene	12.108	119	3146536	215.089	ug/L	99
103)	n-Butylbenzene	12.165	91	4075684	206.645	ug/L	99
104)	1,2-Dichlorobenzene	12.321	146	2388165	200.069	ug/L	99
105)	1,2,4,5-Tetramethylben...	12.915	119	4663386	225.161	ug/L	99
106)	1,2-Dibromo-3-chloropr...	13.113	155	158295	244.926	ug/L	98
107)	1,3,5-Trichlorobenzene	13.141	180	1800285	205.282	ug/L	100
108)	Hexachlorobutadiene	13.714	225	659733	214.679	ug/L	99
109)	1,2,4-Trichlorobenzene	13.742	180	1538126	210.419	ug/L	99
110)	Naphthalene	14.032	128	3190063	217.701	ug/L	100
111)	1,2,3-Trichlorobenzene	14.202	180	1280814	208.893	ug/L	99

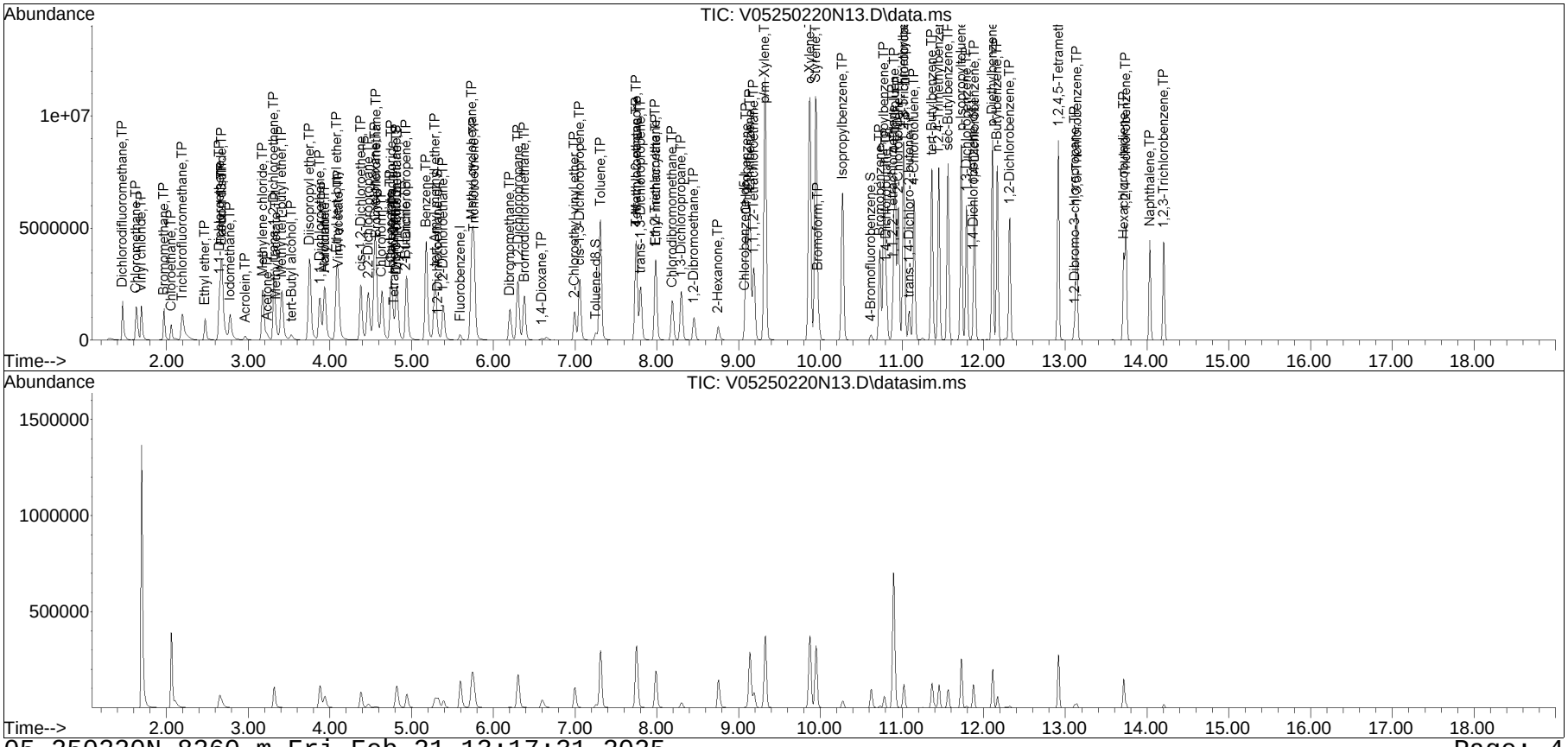
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N13.D
Acq On : 21 Feb 2025 3:54 am
Operator : VOA105:PID
Sample : I8260STD200PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 21 12:22:37 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:21:17 2025
Response via : Initial Calibration

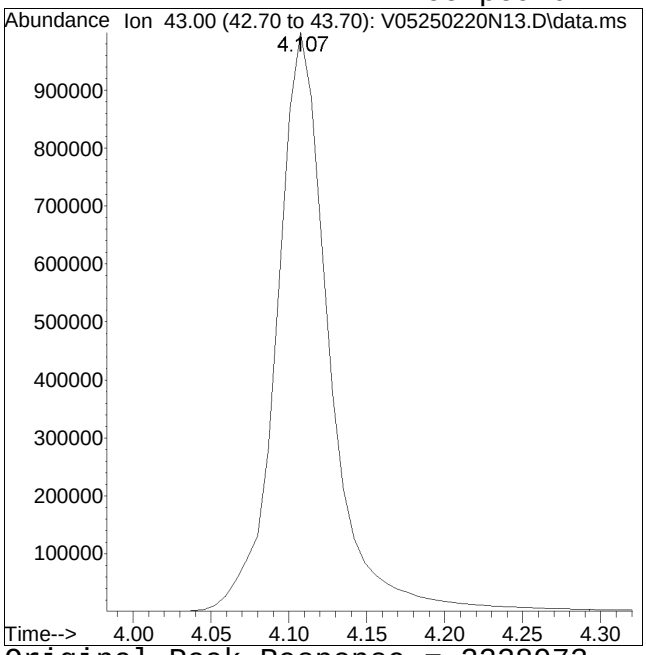
Sub List : 8260-Curve - Megamix plus Diox\V05250220N09.D•



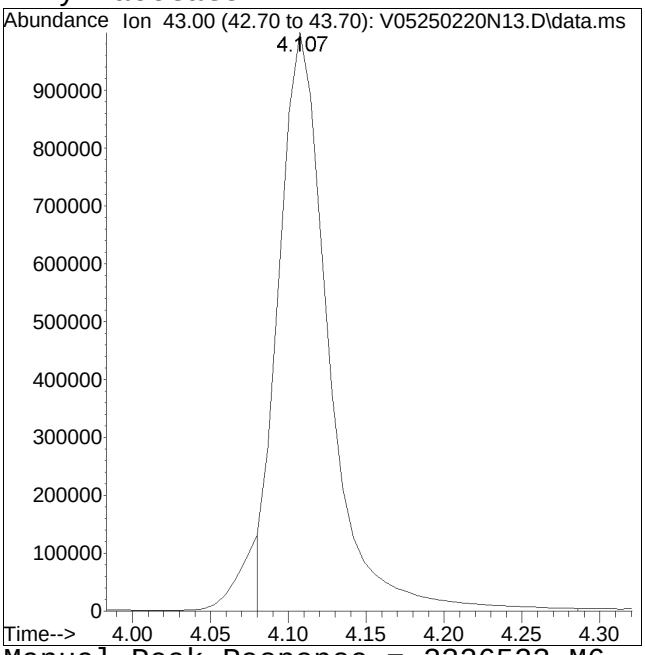
Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N13.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 3:54 am Instrument : VOA105
Sample : I8260STD200PPB Quant Date : 2/21/2025 12:22 pm

Compound #27: Vinyl acetate



Original Peak Response = 2338973



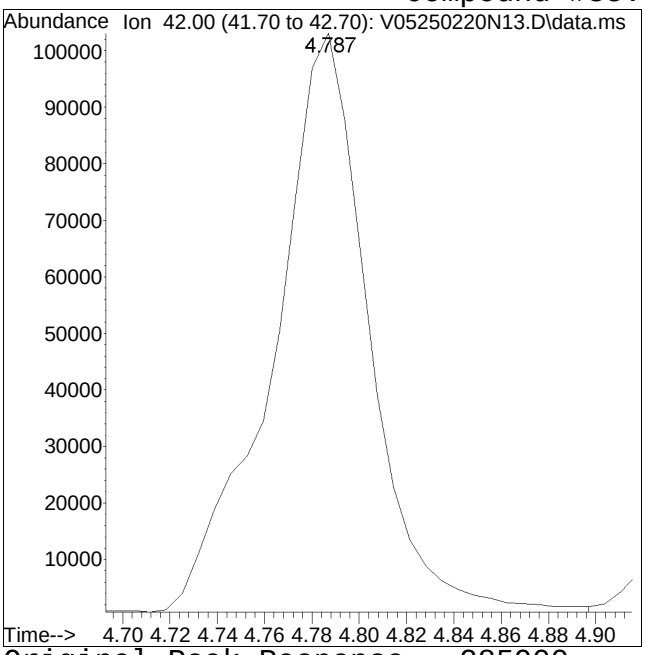
Manual Peak Response = 2226523 M6

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

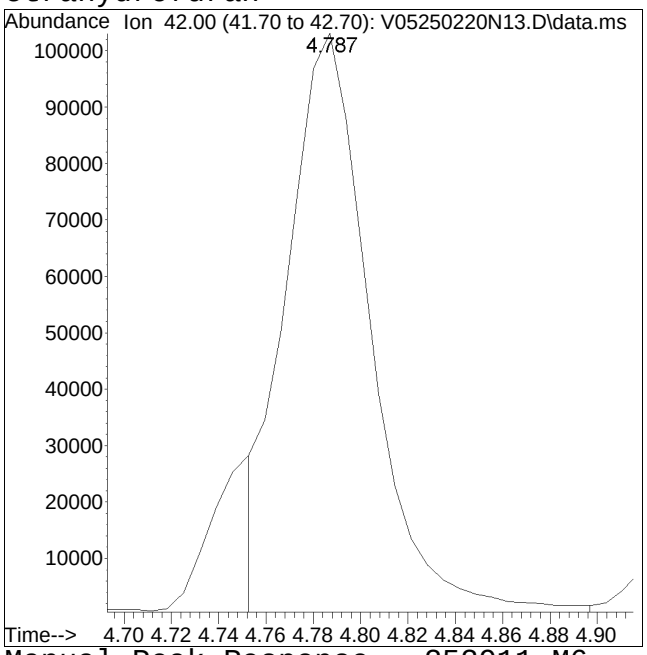
Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N13.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 3:54 am Instrument : VOA105
Sample : I8260STD200PPB Quant Date : 2/21/2025 12:22 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 285900



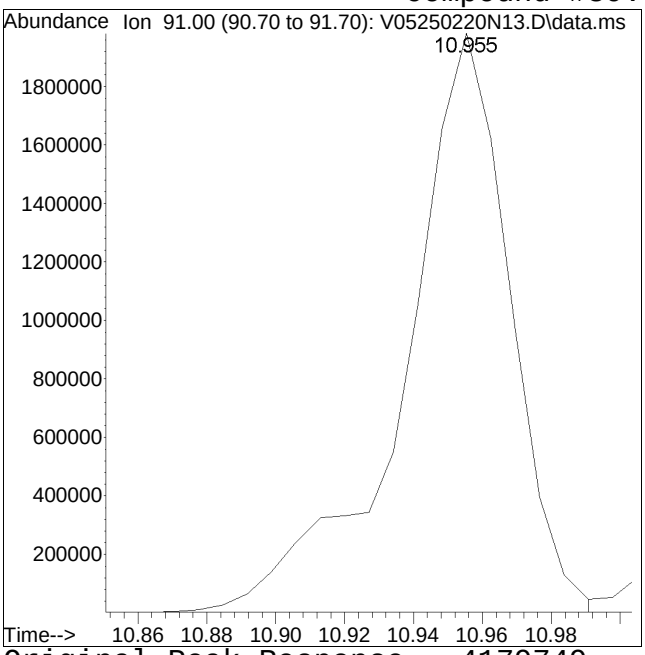
Manual Peak Response = 252911 M6

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

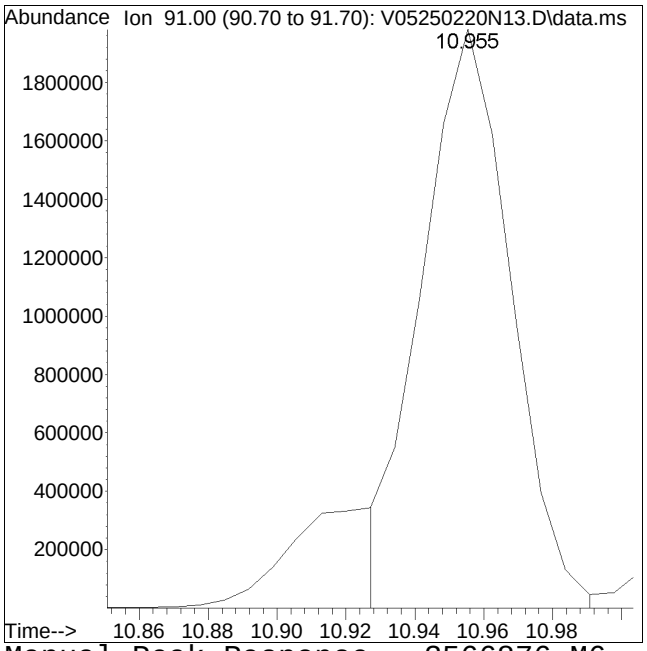
Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N13.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 3:54 am Instrument : VOA105
Sample : I8260STD200PPB Quant Date : 2/21/2025 12:22 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 4179749



Manual Peak Response = 3566876 M6

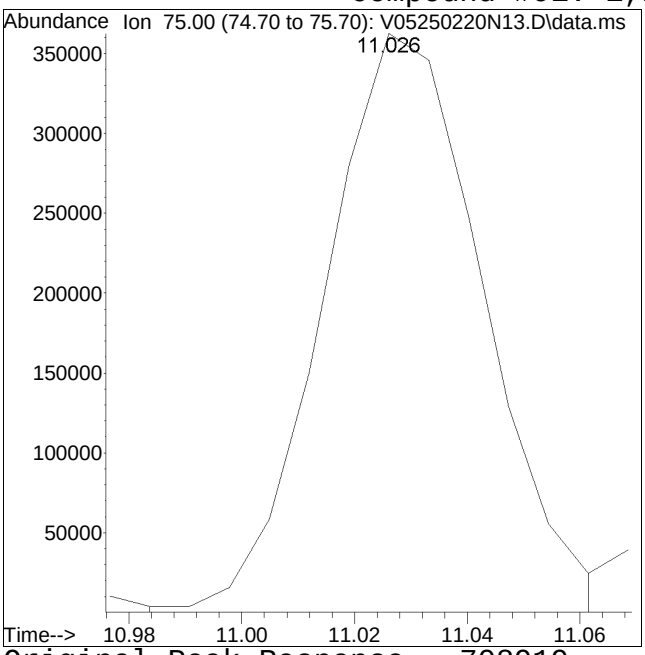
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

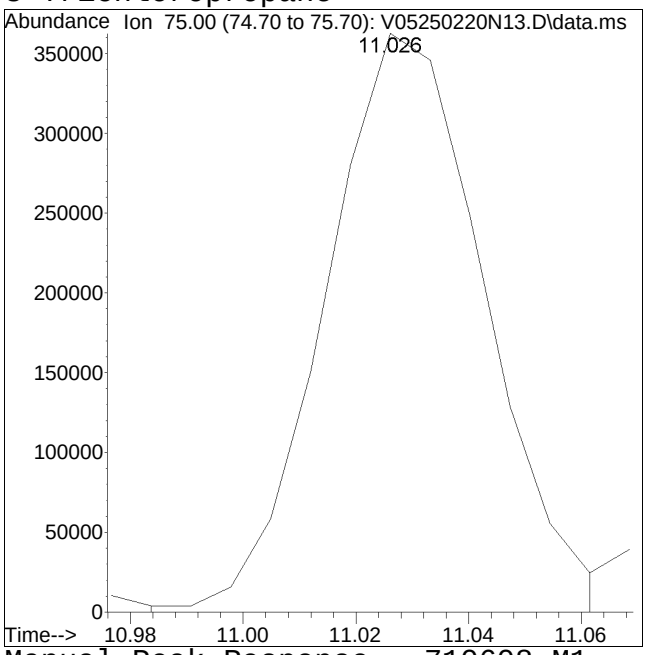
Data Path : K:\VOA105\2025\250220NICALQ
Data File : V05250220N13.D
Date Inj'd : 2/21/2025 3:54 am
Sample : I8260STD200PPB

Method : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 2/21/2025 12:22 pm

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 708919



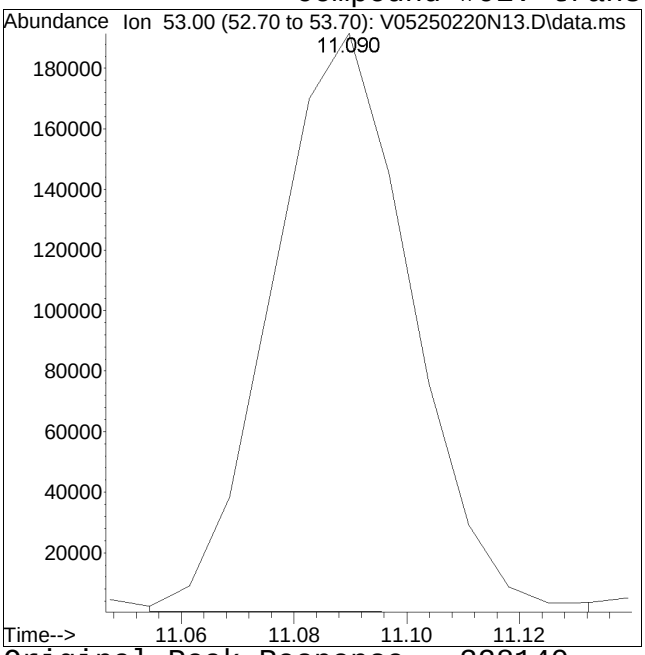
Manual Peak Response = 710608 M1

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

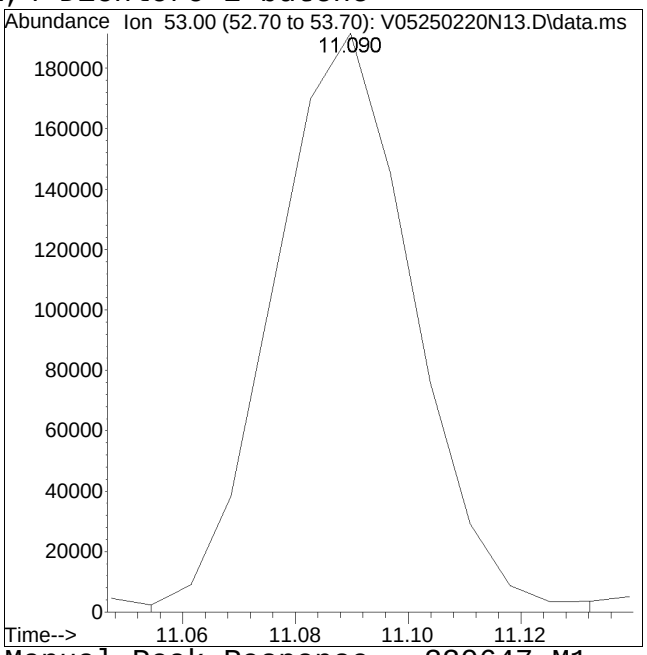
Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N13.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 3:54 am Instrument : VOA105
Sample : I8260STD200PPB Quant Date : 2/21/2025 12:22 pm

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 328140



Manual Peak Response = 330647 M1

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

Evaluate Continuing Calibration Report

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N18.D
Acq On : 21 Feb 2025 6:02 am
Operator : VOA105:PID
Sample : C8260STD10PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 21 12:35:03 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	106	0.00
2	TP	Dichlorodifluoromethane	0.299	0.254	15.1	80	0.00
3	TP	Chloromethane	0.385	0.375	2.6	96	0.00
4	TP	Vinyl chloride	0.258	0.241	6.6	95	0.00
5	TP	Bromomethane	0.116	0.136	-17.2	133	0.00
6	TP	Chloroethane	0.130	0.134	-3.1	100	0.00
7	TP	Trichlorofluoromethane	0.346	0.365	-5.5	98	0.00
8	TP	Ethyl ether	0.072	0.077	-6.9	106	0.00
10	TP	1,1-Dichloroethene	0.165	0.168	-1.8	98	0.00
11	TP	Carbon disulfide	0.509	0.422	17.1	83	0.00
12	TP	Freon-113	0.186	0.197	-5.9	101	0.00
13	TP	Iodomethane	0.332	0.274	17.5	80	0.00
14	TP	Acrolein	0.029	0.025	13.8	93	0.00
15	TP	Methylene chloride	0.235	0.230	2.1	100	0.00
17	TP	Acetone	* 10.000	8.499	15.0	85	0.00
18	TP	trans-1,2-Dichloroethene	0.225	0.232	-3.1	100	0.00
19	TP	Methyl acetate	0.112	0.104	7.1	95	0.00
20	TP	Methyl tert-butyl ether	0.458	0.425	7.2	94	0.00
21	TP	tert-Butyl alcohol	0.01020	0.00911#	10.7	91	0.00
22	TP	Diisopropyl ether	0.866	0.802	7.4	93	0.00
23	TP	1,1-Dichloroethane	0.477	0.483	-1.3	98	0.00
24	TP	Halothane	0.179	0.192	-7.3	102	0.00
25	TP	Acrylonitrile	0.066	0.062	6.1	94	0.00
26	TP	Ethyl tert-butyl ether	0.676	0.648	4.1	97	0.00
27	TP	Vinyl acetate	0.427	0.357	16.4	92	0.00
28	TP	cis-1,2-Dichloroethene	0.245	0.244	0.4	96	0.00
29	TP	2,2-Dichloropropane	0.326	0.312	4.3	98	0.00
30	TP	Bromochloromethane	0.120	0.122	-1.7	95	0.00
31	TP	Cyclohexane	* 10.000	8.690	13.1	90	0.00
32	TP	Chloroform	0.414	0.424	-2.4	100	0.00
33	TP	Ethyl acetate	0.168	0.151	10.1	90	0.00
34	TP	Carbon tetrachloride	0.345	0.355	-2.9	97	0.00
35	TP	Tetrahydrofuran	0.051	0.046	9.8	91	0.00
36	S	Dibromofluoromethane	0.280	0.284	-1.4	105	0.00
37	TP	1,1,1-Trichloroethane	0.376	0.392	-4.3	100	0.00
39	TP	2-Butanone	0.083	0.076	8.4	88	0.00
40	TP	1,1-Dichloropropene	* 10.000	10.501	-5.0	104	0.00
41	TP	Benzene	0.849	0.871	-2.6	98	0.00
42	TP	tert-Amyl methyl ether	0.444	0.405	8.8	96	0.00

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N18.D
Acq On : 21 Feb 2025 6:02 am
Operator : VOA105:PID
Sample : C8260STD10PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 21 12:35:03 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
43	S	1,2-Dichloroethane-d4	0.323	0.330	-2.2	101	0.00
44	TP	1,2-Dichloroethane	0.318	0.313	1.6	94	0.00
47	TP	Methyl cyclohexane	0.404	0.391	3.2	93	0.00
48	TP	Trichloroethene	0.242	0.249	-2.9	98	0.00
50	TP	Dibromomethane	0.123	0.119	3.3	94	0.00
51	TP	1,2-Dichloropropane	0.259	0.252	2.7	97	0.00
53	TP	2-Chloroethyl vinyl ether	0.123	0.108	12.2	97	0.00
54	TP	Bromodichloromethane	0.304	0.285#	6.3	94	0.00
57	TP	1,4-Dioxane	0.00108	0.00102#	5.6	94	0.00
58	TP	cis-1,3-Dichloropropene	* 10.000	9.137	8.6	97	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
60	S	Toluene-d8	1.302	1.304	-0.2	104	0.00
61	TP	Toluene	0.723	0.770	-6.5	103	0.00
62	TP	4-Methyl-2-pentanone	0.074	0.064	13.5	93	0.00
63	TP	Tetrachloroethene	0.347	0.373	-7.5	101	0.00
65	TP	trans-1,3-Dichloropropene	* 10.000	9.213	7.9	98	0.00
67	TP	Ethyl methacrylate	0.220	0.220	0.0	108	0.00
68	TP	1,1,2-Trichloroethane	0.178	0.174#	2.2	94	0.00
69	TP	Chlorodibromomethane	0.289	0.287	0.7	97	0.00
70	TP	1,3-Dichloropropane	0.374	0.359	4.0	94	0.00
71	TP	1,2-Dibromoethane	0.214	0.213	0.5	98	0.00
72	TP	2-Hexanone	0.120	0.102	15.0	91	0.00
73	TP	Chlorobenzene	0.863	0.884	-2.4	100	0.00
74	TP	Ethylbenzene	1.390	1.402	-0.9	97	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.312	0.303	2.9	95	0.00
76	TP	p/m Xylene	0.538	0.568	-5.6	98	0.00
77	TP	o Xylene	0.516	0.538	-4.3	97	0.00
78	TP	Styrene	0.834	0.881	-5.6	98	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
80	TP	Bromoform	* 10.000	8.395	16.1	95	0.00
82	TP	Isopropylbenzene	2.449	2.175	11.2	85	0.00
83	S	4-Bromofluorobenzene	0.799	0.780	2.4	104	0.00
84	TP	Bromobenzene	0.607	0.580	4.4	96	0.00
85	TP	n-Propylbenzene	2.830	2.802	1.0	97	0.00
86	TP	1,4-Dichlorobutane	0.764	0.769	-0.7	101	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.422	0.376	10.9	90	0.00
88	TP	4-Ethyltoluene	2.408	2.542	-5.6	102	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N18.D
Acq On : 21 Feb 2025 6:02 am
Operator : VOA105:PID
Sample : C8260STD10PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 21 12:35:03 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
89 TP	2-Chlorotoluene	1.682	1.618	3.8	94	0.00
90 TP	1,3,5-Trimethylbenzene	2.113	2.075	1.8	94	0.00
91 TP	1,2,3-Trichloropropane	0.334	0.294	12.0	88	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.149	0.133	10.7	89	0.00
93 TP	4-Chlorotoluene	1.735	1.698	2.1	99	0.00
94 TP	tert-Butylbenzene	1.844	1.810	1.8	95	0.00
97 TP	1,2,4-Trimethylbenzene	2.015	2.059	-2.2	97	0.00
98 TP	sec-Butylbenzene	2.598	2.516	3.2	93	0.00
99 TP	p-Isopropyltoluene	2.307	2.290	0.7	95	0.00
100 TP	1,3-Dichlorobenzene	1.220	1.242	-1.8	100	0.00
101 TP	1,4-Dichlorobenzene	1.254	1.237	1.4	99	0.00
102 TP	p-Diethylbenzene	1.354	1.345	0.7	97	0.00
103 TP	n-Butylbenzene	1.826	1.811	0.8	96	0.00
104 TP	1,2-Dichlorobenzene	1.105	1.103	0.2	98	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.061	1.903	7.7	97	0.00
106 TP	1,2-Dibromo-3-chloropropane *	10.000	8.871	11.3	99	0.00
107 TP	1,3,5-Trichlorobenzene	0.812	0.812	0.0	98	0.00
108 TP	Hexachlorobutadiene	0.284	0.276	2.8	98	0.00
109 TP	1,2,4-Trichlorobenzene	0.677	0.674	0.4	98	0.00
110 TP	Naphthalene	1.356	1.324	2.4	95	0.00
111 TP	1,2,3-Trichlorobenzene	0.568	0.574	-1.1	97	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 4 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N18.D
Acq On : 21 Feb 2025 6:02 am
Operator : VOA105:PID
Sample : C8260STD10PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 21 12:35:03 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.591	96	219740	10.000	ug/L	0.00
Standard Area 1 = 207883			Recovery = 105.70%			
59) Chlorobenzene-d5	9.077	117	170855	10.000	ug/L	0.00
Standard Area 1 = 162110			Recovery = 105.39%			
79) 1,4-Dichlorobenzene-d4	11.868	152	101919	10.000	ug/L	0.00
Standard Area 1 = 96637			Recovery = 105.47%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.815	113	62358	10.120	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.20%			
43) 1,2-Dichloroethane-d4	5.323	65	72431	10.195	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.95%			
60) Toluene-d8	7.256	98	222811	10.016	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.16%			
83) 4-Bromofluorobenzene	10.616	95	79453	9.751	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.51%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.465	85	55914	8.522	ug/L	99
3) Chloromethane	1.637	50	82365	9.741	ug/L	99
4) Vinyl chloride	1.698	62	52990	9.352	ug/L	98
5) Bromomethane	1.973	94	29855	11.727	ug/L	97
6) Chloroethane	2.069	64	29491	10.360	ug/L	98
7) Trichlorofluoromethane	2.199	101	80129	10.545	ug/L	99
8) Ethyl ether	2.474	74	17005	10.797	ug/L	94
10) 1,1-Dichloroethene	2.652	96	36857	10.160	ug/L	96
11) Carbon disulfide	2.680	76	92700	8.289	ug/L	100
12) Freon-113	2.680	101	43277	10.606	ug/L	81
13) Iodomethane	2.783	142	60283	8.269	ug/L	99
14) Acrolein	2.975	56	5502	8.526	ug/L	89
15) Methylene chloride	3.181	84	50604	9.783	ug/L	94
17) Acetone	3.243	43	9219	8.499	ug/L	98
18) trans-1,2-Dichloroethene	3.325	96	51045	10.321	ug/L	98
19) Methyl acetate	3.346	43	22780	9.245	ug/L	99
20) Methyl tert-butyl ether	3.414	73	93408	9.288	ug/L	96
21) tert-Butyl alcohol	3.538	59	10012	44.673	ug/L #	84
22) Diisopropyl ether	3.751	45	176263	9.262	ug/L	98
23) 1,1-Dichloroethane	3.881	63	106234	10.128	ug/L	100
24) Halothane	3.936	117	42170	10.712	ug/L	98

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N18.D
Acq On : 21 Feb 2025 6:02 am
Operator : VOA105:PID
Sample : C8260STD10PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 21 12:35:03 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Acrylonitrile	3.950	53	13599	9.435	ug/L	98
26) Ethyl tert-butyl ether	4.087	59	142439	9.588	ug/L	98
27) Vinyl acetate	4.114	43	78370M6	8.361	ug/L	
28) cis-1,2-Dichloroethene	4.382	96	53673	9.978	ug/L	98
29) 2,2-Dichloropropane	4.471	77	68612	9.578	ug/L	94
30) Bromochloromethane	4.567	128	26767	10.165	ug/L	93
31) Cyclohexane	4.554	56	116122	8.690	ug/L	97
32) Chloroform	4.643	83	93266	10.249	ug/L	98
33) Ethyl acetate	4.760	43	33180	8.974	ug/L	99
34) Carbon tetrachloride	4.753	117	78079	10.293	ug/L	99
35) Tetrahydrofuran	4.794	42	10088M6	8.979	ug/L	
37) 1,1,1-Trichloroethane	4.821	97	86171	10.423	ug/L	99
39) 2-Butanone	4.938	43	16801	9.204	ug/L	94
40) 1,1-Dichloropropene	4.938	75	72711	10.501	ug/L	99
41) Benzene	5.182	78	191341	10.258	ug/L	98
42) tert-Amyl methyl ether	5.288	73	89046	9.136	ug/L	95
44) 1,2-Dichloroethane	5.393	62	68735	9.842	ug/L	99
47) Methyl cyclohexane	5.739	83	85927	9.691	ug/L	98
48) Trichloroethene	5.767	95	54735	10.273	ug/L	97
50) Dibromomethane	6.205	93	26047	9.604	ug/L	97
51) 1,2-Dichloropropane	6.304	63	55451	9.746	ug/L	98
53) 2-Chloroethyl vinyl ether	7.002	63	23715	8.793	ug/L	96
54) Bromodichloromethane	6.381	83	62582	9.375	ug/L	100
57) 1,4-Dioxane	6.600	88	11176	472.244	ug/L	96
58) cis-1,3-Dichloropropene	7.059	75	68556	9.137	ug/L	97
61) Toluene	7.313	92	131600	10.660	ug/L	99
62) 4-Methyl-2-pentanone	7.757	58	10930	8.674	ug/L	95
63) Tetrachloroethene	7.750	166	63775	10.760	ug/L	98
65) trans-1,3-Dichloropropene	7.807	75	56953	9.213	ug/L	95
67) Ethyl methacrylate	7.997	69	37629	10.031	ug/L	92
68) 1,1,2-Trichloroethane	7.983	83	29770	9.794	ug/L	98
69) Chlorodibromomethane	8.195	129	49006	9.932	ug/L	99
70) 1,3-Dichloropropane	8.300	76	61377	9.611	ug/L	100
71) 1,2-Dibromoethane	8.456	107	36405	9.978	ug/L	98
72) 2-Hexanone	8.759	43	17367	8.453	ug/L	98
73) Chlorobenzene	9.098	112	151118	10.253	ug/L	98
74) Ethylbenzene	9.133	91	239532	10.085	ug/L	100
75) 1,1,1,2-Tetrachloroethane	9.182	131	51706	9.700	ug/L	99
76) p/m Xylene	9.324	106	194143	21.105	ug/L	100
77) o Xylene	9.867	106	183974	20.876	ug/L	100

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N18.D
Acq On : 21 Feb 2025 6:02 am
Operator : VOA105:PID
Sample : C8260STD10PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 21 12:35:03 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250220NICAL\V05250220N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Styrene	9.937	104	301077	21.128	ug/L	100
80) Bromoform	9.966	173	26927	8.395	ug/L	97
82) Isopropylbenzene	10.269	105	221650	8.879	ug/L	99
84) Bromobenzene	10.729	156	59134	9.562	ug/L	97
85) n-Propylbenzene	10.779	91	285556	9.900	ug/L	99
86) 1,4-Dichlorobutane	10.807	55	78336	10.057	ug/L	100
87) 1,1,2,2-Tetrachloroethane	10.892	83	38342	8.924	ug/L	99
88) 4-Ethyltoluene	10.913	105	259117	10.556	ug/L	100
89) 2-Chlorotoluene	10.948	91	164866M6	9.618	ug/L	
90) 1,3,5-Trimethylbenzene	11.012	105	211519	9.820	ug/L	99
91) 1,2,3-Trichloropropane	11.026	75	29995	8.801	ug/L	99
92) trans-1,4-Dichloro-2-b...	11.090	53	13543	8.892	ug/L	93
93) 4-Chlorotoluene	11.146	91	173008	9.784	ug/L	98
94) tert-Butylbenzene	11.359	119	184476	9.814	ug/L	100
97) 1,2,4-Trimethylbenzene	11.451	105	209869	10.218	ug/L	99
98) sec-Butylbenzene	11.557	105	256390	9.682	ug/L	99
99) p-Isopropyltoluene	11.719	119	233351	9.926	ug/L	99
100) 1,3-Dichlorobenzene	11.790	146	126571	10.175	ug/L	99
101) 1,4-Dichlorobenzene	11.882	146	126095	9.865	ug/L	99
102) p-Diethylbenzene	12.101	119	137083	9.933	ug/L	99
103) n-Butylbenzene	12.165	91	184569	9.920	ug/L	99
104) 1,2-Dichlorobenzene	12.314	146	112384	9.981	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.908	119	193976	9.236	ug/L	100
106) 1,2-Dibromo-3-chloropr...	13.113	155	6253	8.871	ug/L	99
107) 1,3,5-Trichlorobenzene	13.134	180	82719	9.999	ug/L	99
108) Hexachlorobutadiene	13.714	225	28083	9.687	ug/L	99
109) 1,2,4-Trichlorobenzene	13.742	180	68676	9.959	ug/L	99
110) Naphthalene	14.032	128	134900	9.759	ug/L	100
111) 1,2,3-Trichlorobenzene	14.202	180	58532	10.120	ug/L	99

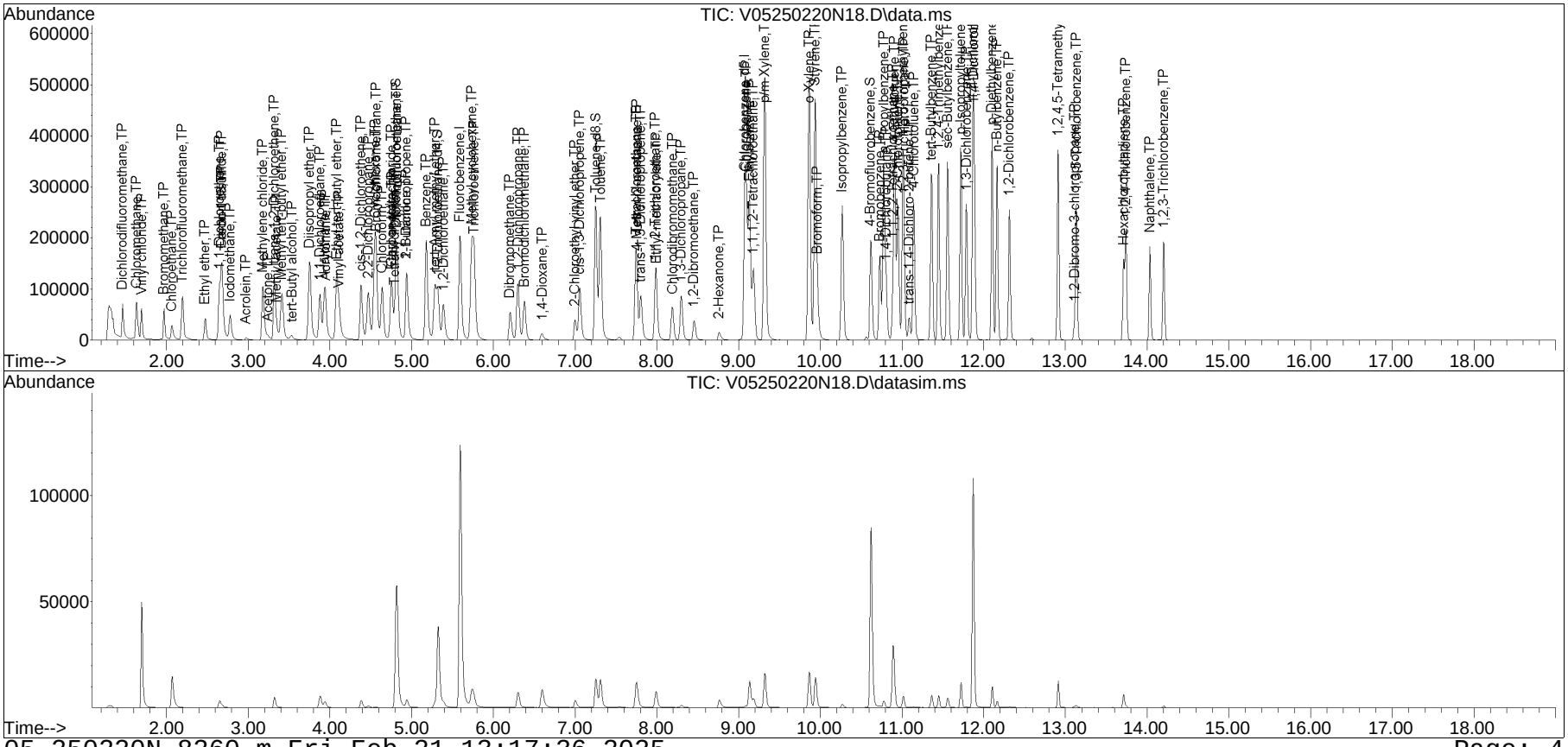
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250220NICAL\
Data File : V05250220N18.D
Acq On : 21 Feb 2025 6:02 am
Operator : VOA105:PID
Sample : C8260STD10PPB
Misc : WG2032723,ICAL (Sig #1); WG,ICAL21989 (Sig #2)
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 21 12:35:03 2025
Quant Method : K:\VOA105\2025\250220NICAL\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox\V05250220N09.D•

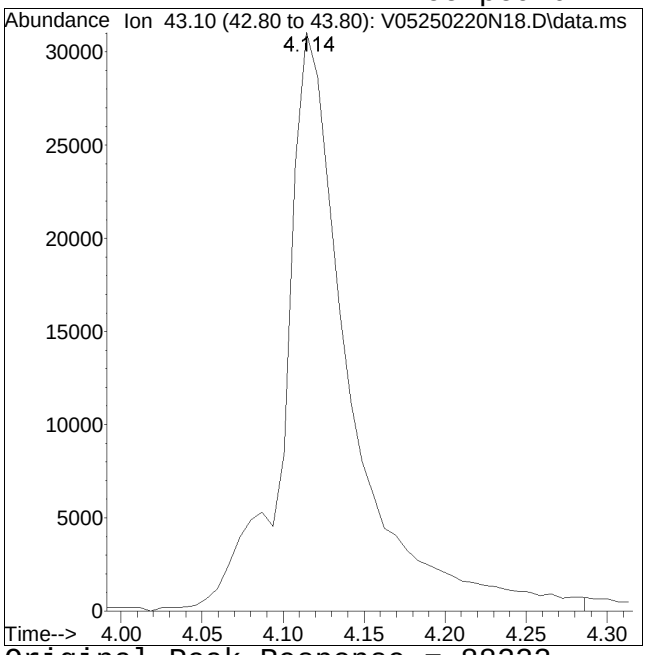


Manual Integration Report

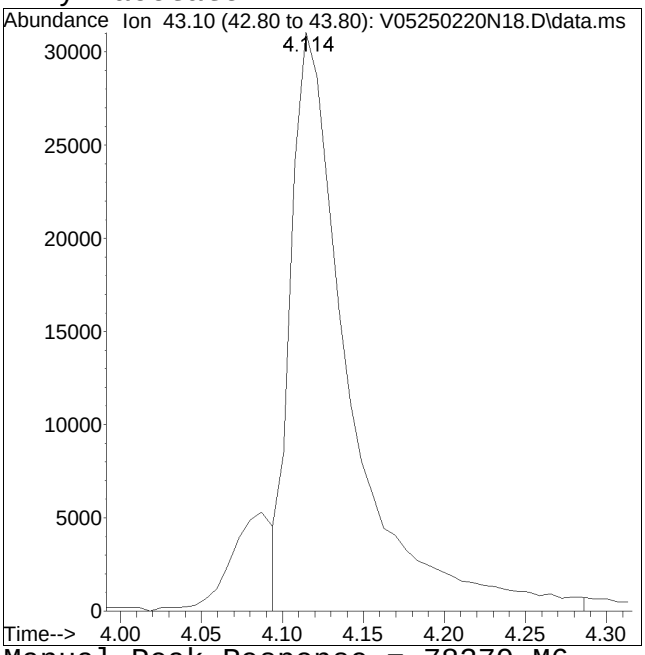
Data Path : K:\VOA105\2025\250220NICALQ
Data File : V05250220N18.D
Date Inj'd : 2/21/2025 6:02 am
Sample : C8260STD10PPB

Method : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 2/21/2025 12:34 pm

Compound #27: Vinyl acetate



Original Peak Response = 88222



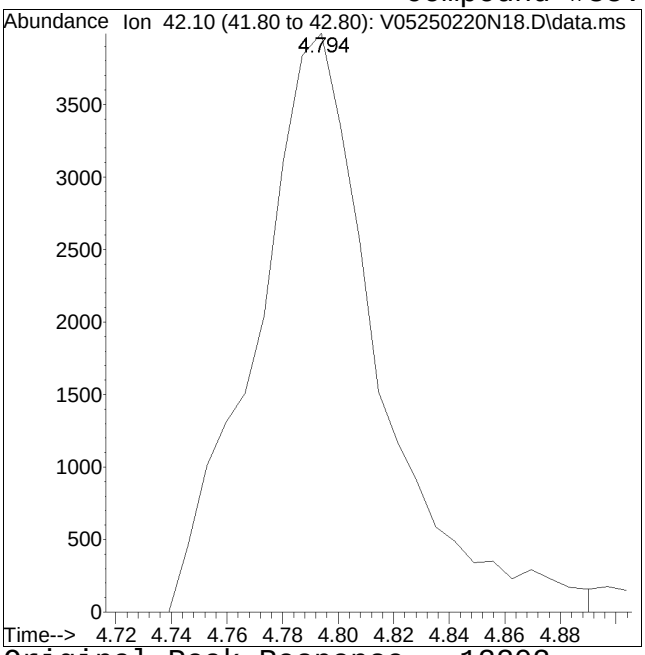
Manual Peak Response = 78370 M6

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

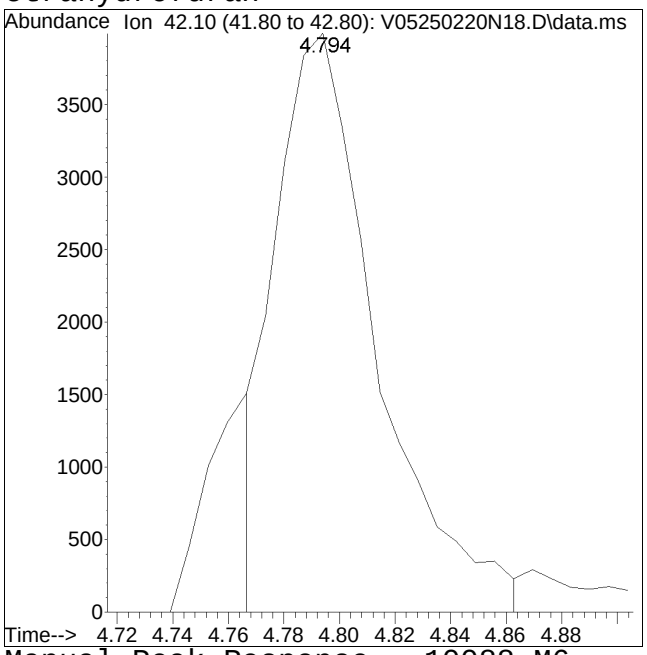
Manual Integration Report

Data Path : K:\VOA105\2025\250220NICALQMethod : V105_250220N_8260.m
Data File : V05250220N18.D Operator : VOA105:PID
Date Inj'd : 2/21/2025 6:02 am Instrument : VOA105
Sample : C8260STD10PPB Quant Date : 2/21/2025 12:34 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 12202



Manual Peak Response = 10088 M6

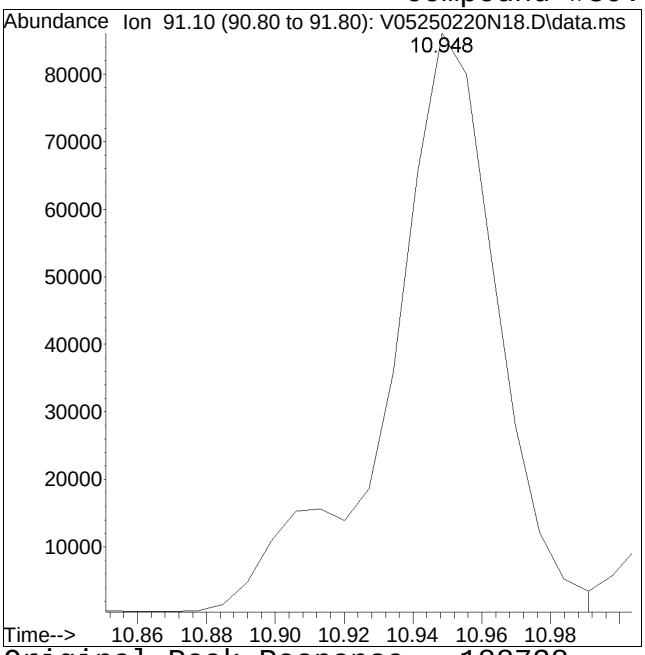
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

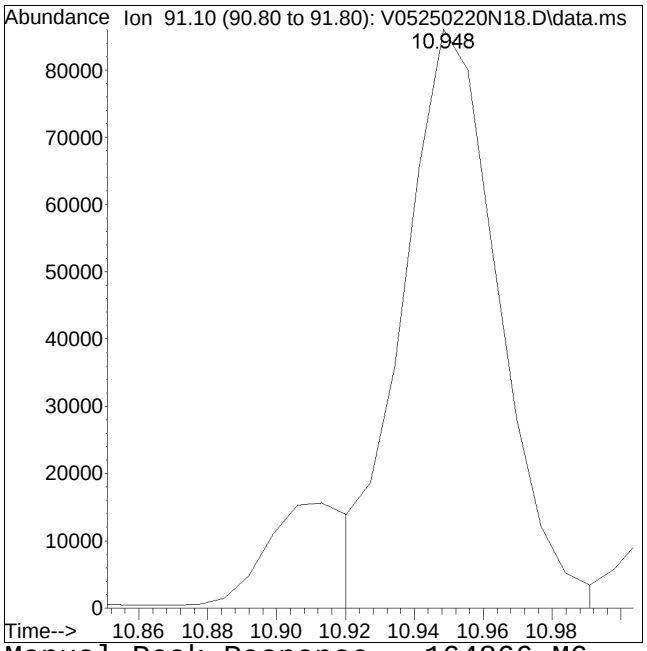
Data Path : K:\VOA105\2025\250220NICALQ
Data File : V05250220N18.D
Date Inj'd : 2/21/2025 6:02 am
Sample : C8260STD10PPB

Method : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 2/21/2025 12:34 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 188738



Manual Peak Response = 164866 M6

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

Evaluate Relative Error Report VOA105

Method Path : K:\VOA105\2025\250220NICAL\
Method File : V105_250220N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Feb 21 12:33:29 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
17	TP Acetone	L	ug/L	10.0	10.966	9.7	2.00	1.763	-11.9
31	TP Cyclohexane	Q	ug/L	10.0	10.200	2.0	0.50	0.469	-6.2
40	TP 1,1-Dichloropropene	L	ug/L	10.0	10.713	7.1	0.50	0.438	-12.4
58	TP cis-1,3-Dichloropropene	Q	ug/L	10.0	9.919	-0.8	0.19	0.238	25.3
65	TP trans-1,3-Dichloropropene	Q	ug/L	10.0	9.935	-0.6	0.19	0.242	27.4
80	TP Bromoform	L	ug/L	10.0	9.243	-7.6	0.50	0.633	26.6
106	TP 1,2-Dibromo-3-chloropropane	L	ug/L	10.0	9.435	-5.6	0.50	0.578	15.6

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
17	TP Acetone	Linear	0.999156	0.000000	0.041648	0.00655817
31	TP Cyclohexane	Quadratic	0.999954	-0.004959	0.628688	-0.0141622
40	TP 1,1-Dichloropropene	Linear	0.999111	0.000000	0.320674	-0.00583922
58	TP cis-1,3-Dichloropropene	Quadratic	0.999784	0.001761	0.344785	-0.00450803
65	TP trans-1,3-Dichloropropene	Quadratic	0.999735	0.002156	0.365808	-0.00549994
80	TP Bromoform	Linear	0.997684	0.000000	0.328844	-0.0118532
106	TP 1,2-Dibromo-3-chloropropane	Linear	0.999447	0.000000	0.0731019	-0.00349644

Response Factor Report Elaine

Method Path : K:\Elaine\2025\250220NICAL\
Method File : Elaine_250220N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Feb 24 07:16:52 2025
Response Via : Initial Calibration

Calibration Files
L11 =VE250220N04.D L1 =VE250220N06.D L2 =VE250220N08.D L3 =VE250220N10.D L4 =VE250220N11.D
L6 =VE250220N12.D L8 =VE250220N13.D L10 =VE250220N14.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	ISTD									
2)	TP	Dichlorodifluo...		0.172	0.288	0.300	0.279	0.262	0.254	0.247	0.257	16.40
3)	TP	Chloromethane		0.230	0.249	0.263	0.237	0.222	0.213	0.210	0.232	8.28
4)	TP	Vinyl chloride	0.299	0.242	0.351	0.335	0.313	0.296	0.291	0.283	0.301	11.09
5)	TP	Bromomethane		0.214	0.301	0.289	0.268	0.264	0.262	0.263	0.266	10.33
6)	TP	Chloroethane		0.188	0.260	0.262	0.237	0.228	0.221	0.218	0.231	11.16
7)	TP	Trichlorofluor...		0.418	0.582	0.590	0.540	0.510	0.505	0.490	0.519	11.32
8)	TP	Ethyl ether		0.125	0.163	0.170	0.162	0.157	0.155	0.152	0.155	9.44
10)	TP	1,1-Dichloroet...		0.225	0.309	0.310	0.297	0.281	0.271	0.273	0.281	10.48
11)	TP	Carbon disulfide		0.635	0.883	0.851	0.866	0.802	0.746	0.759	0.792	10.96
12)	TP	Freon-113			0.278	0.284	0.297	0.266	0.243	0.250	0.270	7.73
13)	TP	Iodomethane		0.225	0.284	0.292	0.283	0.278	0.274	0.279	0.273	8.15
14)	TP	Acrolein			0.022	0.022	0.022	0.023	0.023	0.023	0.022	2.96
15)	TP	Methylene chlo...		0.255	0.255	0.249	0.230	0.222	0.218	0.220	0.235	7.00
17)	TP	Acetone			0.049	0.038	0.041	0.039	0.036	0.036	0.040	12.18
18)	TP	trans-1,2-Dich...		0.197	0.243	0.241	0.222	0.216	0.211	0.213	0.220	7.50
19)	TP	Methyl acetate			0.113	0.106	0.097	0.095	0.094	0.094	0.100	8.05
21)	TP	Methyl tert-bu...		0.423	0.489	0.519	0.539	0.559	0.551	0.555	0.519	9.43
22)	TP	tert-Butyl alc...			0.007	0.010	0.010	0.010	0.010	0.009	0.009#	12.17
24)	TP	Diisopropyl ether		0.479	0.558	0.583	0.576	0.599	0.595	0.609	0.571	7.74
25)	TP	1,1-Dichloroet...		0.391	0.456	0.441	0.413	0.391	0.378	0.380	0.407	7.57
26)	TP	Halothane		0.115	0.179	0.182	0.172	0.166	0.162	0.163	0.163	13.84
27)	TP	Acrylonitrile			0.052	0.055	0.051	0.050	0.048	0.050	0.051	5.22
28)	TP	Ethyl tert-but...		0.432	0.519	0.544	0.555	0.596	0.603	0.630	0.554	11.94
29)	TP	Vinyl acetate			0.346	0.382	0.415	0.410	0.444	0.431	0.405	8.81
30)	TP	cis-1,2-Dichlo...		0.235	0.287	0.279	0.259	0.249	0.243	0.244	0.257	7.60
31)	TP	2,2-Dichloropr...		0.295	0.377	0.359	0.352	0.336	0.322	0.321	0.337	8.14
33)	TP	Bromochloromet...		0.108	0.128	0.127	0.117	0.114	0.111	0.115	0.117	6.70
34)	TP	Cyclohexane		0.281	0.387	0.429	0.410	0.388	0.379	0.376	0.378	12.40
35)	TP	Chloroform		0.388	0.455	0.437	0.404	0.386	0.372	0.380	0.403	7.76
36)	TP	Ethyl acetate			0.118	0.131	0.137	0.140	0.136	0.135	0.133	5.81

Response Factor Report Elaine

Method Path : K:\Elaine\2025\250220NICAL\
Method File : Elaine_250220N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Feb 24 07:16:52 2025
Response Via : Initial Calibration

Calibration Files
L11 =VE250220N04.D L1 =VE250220N06.D L2 =VE250220N08.D L3 =VE250220N10.D L4 =VE250220N11.D
L6 =VE250220N12.D L8 =VE250220N13.D L10 =VE250220N14.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
37)	TP	Carbon tetrach...	0.256	0.223	0.316	0.331	0.326	0.314	0.304	0.317	0.298	12.75
38)	TP	Tetrahydrofuran			0.044	0.046	0.042	0.040	0.039	0.041	0.042	6.02
39)	S	Dibromofluorom...	0.301	0.300	0.285	0.282	0.266	0.255	0.247	0.248	0.273	8.04
40)	TP	1,1,1-Trichlor...		0.243	0.358	0.374	0.356	0.335	0.326	0.329	0.332	12.85
42)	TP	2-Butanone			0.052	0.055	0.058	0.059	0.055	0.056	0.056	4.70
43)	TP	1,1-Dichloropr...		0.205	0.271	0.284	0.290	0.283	0.275	0.277	0.269	10.84
45)	TP	Benzene	0.921	0.740	0.889	0.905	0.906	0.908	0.902	0.930	0.888	6.86
46)	TP	tert-Amyl meth...		0.469	0.492	0.518	0.517	0.545	0.551	0.577	0.524	7.02
47)	S	1,2-Dichloroet...	0.304	0.300	0.301	0.299	0.289	0.266	0.275	0.278	0.289	4.98
48)	T	1,2-Dichloroet...	0.265	0.290	0.298	0.299	0.280	0.273	0.268	0.270	0.280	4.86
51)	TP	Methyl cyclohe...		0.255	0.386	0.415	0.411	0.419	0.428	0.445	0.394	16.21
52)	TP	Trichloroethene	0.160	0.159	0.213	0.227	0.233	0.239	0.236	0.256	0.215	16.99
54)	TP	Dibromomethane		0.127	0.143	0.143	0.135	0.133	0.130	0.133	0.135	4.53
55)	TP	1,2-Dichloropr...		0.150	0.207	0.224	0.224	0.223	0.217	0.218	0.209	12.84
57)	TP	2-Chloroethyl ...		0.063	0.067	0.089	0.093	0.100	0.099	0.101	0.087	18.08
58)	TP	Bromodichlorom...		0.253	0.293	0.315	0.318	0.311	0.304	0.309	0.300	7.48
61)	TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	11.82
62)	TP	cis-1,3-Dichlo...	0.218	0.241	0.310	0.341	0.367	0.375	0.370	0.378	0.325	19.48
63)	I	Chlorobenzene-d5	----------ISTD----------									
64)	S	Toluene-d8	1.375	1.381	1.352	1.353	1.332	1.298	1.269	1.226	1.323	4.12
65)	TP	Toluene		0.652	0.749	0.792	0.756	0.760	0.753	0.773	0.748	6.00
66)	TP	4-Methyl-2-pen...			0.060	0.063	0.065	0.065	0.065	0.064	0.064	3.59
67)	TP	Tetrachloroethene	0.266	0.232	0.289	0.302	0.300	0.300	0.300	0.312	0.288	9.09
69)	TP	trans-1,3-Dich...	0.286	0.253	0.318	0.362	0.404	0.426	0.420	0.424	0.362	18.89
71)	TP	Ethyl methacry...		0.172	0.229	0.279	0.278	0.275	0.277	0.278	0.255	16.05
72)	TP	1,1,2-Trichlor...		0.146	0.172	0.187	0.194	0.204	0.203	0.208	0.188#	11.86
73)	TP	Chlorodibromom...		0.182	0.210	0.253	0.280	0.300	0.300	0.305	0.261	18.59
74)	TP	1,3-Dichloropr...		0.295	0.369	0.396	0.412	0.422	0.414	0.410	0.388	11.51
75)	TP	1,2-Dibromoethane		0.153	0.194	0.222	0.229	0.237	0.234	0.235	0.215	14.48
77)	TP	2-Hexanone		0.069	0.092	0.109	0.112	0.112	0.108	0.108	0.102	15.65
78)	TP	Chlorobenzene		0.740	0.854	0.883	0.863	0.865	0.864	0.888	0.851	5.92

Method Path : K:\Elaine\2025\250220NICAL\
Method File : Elaine_250220N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Feb 24 07:16:52 2025
Response Via : Initial Calibration

Calibration Files
L11 =VE250220N04.D L1 =VE250220N06.D L2 =VE250220N08.D L3 =VE250220N10.D L4 =VE250220N11.D
L6 =VE250220N12.D L8 =VE250220N13.D L10 =VE250220N14.D

		Compound		L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
79)	TP	Ethylbenzene		1.195	1.460	1.547	1.565	1.559	1.555	1.600	1.497		9.34
80)	TP	1,1,1,2-Tetrac...		0.197	0.239	0.258	0.273	0.291	0.293	0.306	0.265		14.22
81)	TP	p/m Xylene		0.452	0.574	0.596	0.616	0.639	0.665	0.745	0.613		14.67
82)	TP	o Xylene		0.436	0.562	0.586	0.607	0.651	0.678	0.748	0.610		16.18
83)	TP	Styrene		0.729	0.897	0.974	1.044	1.142	1.182	1.302	1.039		18.45
84)	I	1,4-Dichlorobenzene-d4		----------ISTD----------									
85)	TP	Bromoform		0.163	0.206	0.263	0.286	0.314	0.325	0.339	*Q		0.9996
87)	TP	Isopropylbenzene		2.052	2.741	2.957	2.936	2.875	2.892	2.855	2.758		11.57
88)	S	4-Bromofluorob...	0.835	0.818	0.826	0.855	0.819	0.768	0.761	0.719	0.800		5.71
89)	TP	Bromobenzene		0.524	0.632	0.665	0.635	0.615	0.622	0.615	0.615		7.11
90)	TP	n-Propylbenzene		2.524	3.335	3.548	3.498	3.438	3.489	3.441	3.325		10.80
91)	TP	1,4-Dichlorobu...		0.572	0.622	0.675	0.627	0.598	0.589	0.570	0.607		6.15
92)	TP	1,1,2,2-Tetrac...	0.359	0.484	0.484	0.522	0.500	0.472	0.476	0.452	0.469		10.39
93)	TP	4-Ethyltoluene		2.109	2.792	2.980	2.903	2.808	2.841	2.806	2.748		10.55
94)	TP	2-Chlorotoluene		1.567	1.903	2.008	2.031	1.890	1.933	1.875	1.887		8.10
95)	TP	1,3,5-Trimethy...		1.881	2.415	2.558	2.557	2.524	2.582	2.630	2.450		10.59
96)	TP	1,2,3-Trichlor...		0.348	0.390	0.433	0.400	0.398	0.401	0.404	0.396		6.40
97)	TP	trans-1,4-Dich...			0.126	0.140	0.142	0.138	0.137	0.128	0.135		4.89
98)	TP	4-Chlorotoluene		1.671	1.982	2.073	2.015	1.963	2.002	1.999	1.958		6.70
99)	TP	tert-Butylbenzene		1.533	2.026	2.148	2.139	2.119	2.157	2.170	2.042		11.23
102)	TP	1,2,4-Trimethy...		1.742	2.286	2.503	2.536	2.563	2.573	2.583	2.398		12.80
103)	TP	sec-Butylbenzene		2.345	2.992	3.259	3.285	3.242	3.278	3.267	3.096		11.20
104)	TP	p-Isopropyltol...		1.987	2.599	2.810	2.853	2.870	2.891	2.989	2.714		12.59
105)	TP	1,3-Dichlorobe...		1.237	1.314	1.364	1.351	1.352	1.362	1.392	1.339		3.77
106)	TP	1,4-Dichlorobe...		1.171	1.306	1.382	1.355	1.344	1.355	1.413	1.332		5.89
107)	TP	p-Diethylbenzene		1.053	1.474	1.675	1.716	1.727	1.765	1.850	1.609		16.82
108)	TP	n-Butylbenzene		1.566	2.261	2.433	2.538	2.507	2.475	2.517	2.328		14.98
109)	TP	1,2-Dichlorobe...		1.178	1.233	1.301	1.262	1.258	1.261	1.312	1.258		3.54
110)	TP	1,2,4,5-Tetram...		1.774	2.281	2.530	2.598	2.731	2.926	2.926	2.538		16.02
111)	TP	1,2-Dibromo-3-...		0.029	0.052	0.074	0.076	0.075	0.077	0.074	*L		0.9994
112)	TP	1,3,5-Trichlor...		0.759	0.886	0.924	0.943	0.933	0.993	1.009	0.921		8.97

Method Path : K:\Elaine\2025\250220NICAL\
Method File : Elaine_250220N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Feb 24 07:16:52 2025
Response Via : Initial Calibration

Calibration Files
L11 =VE250220N04.D L1 =VE250220N06.D L2 =VE250220N08.D L3 =VE250220N10.D L4 =VE250220N11.D
L6 =VE250220N12.D L8 =VE250220N13.D L10 =VE250220N14.D

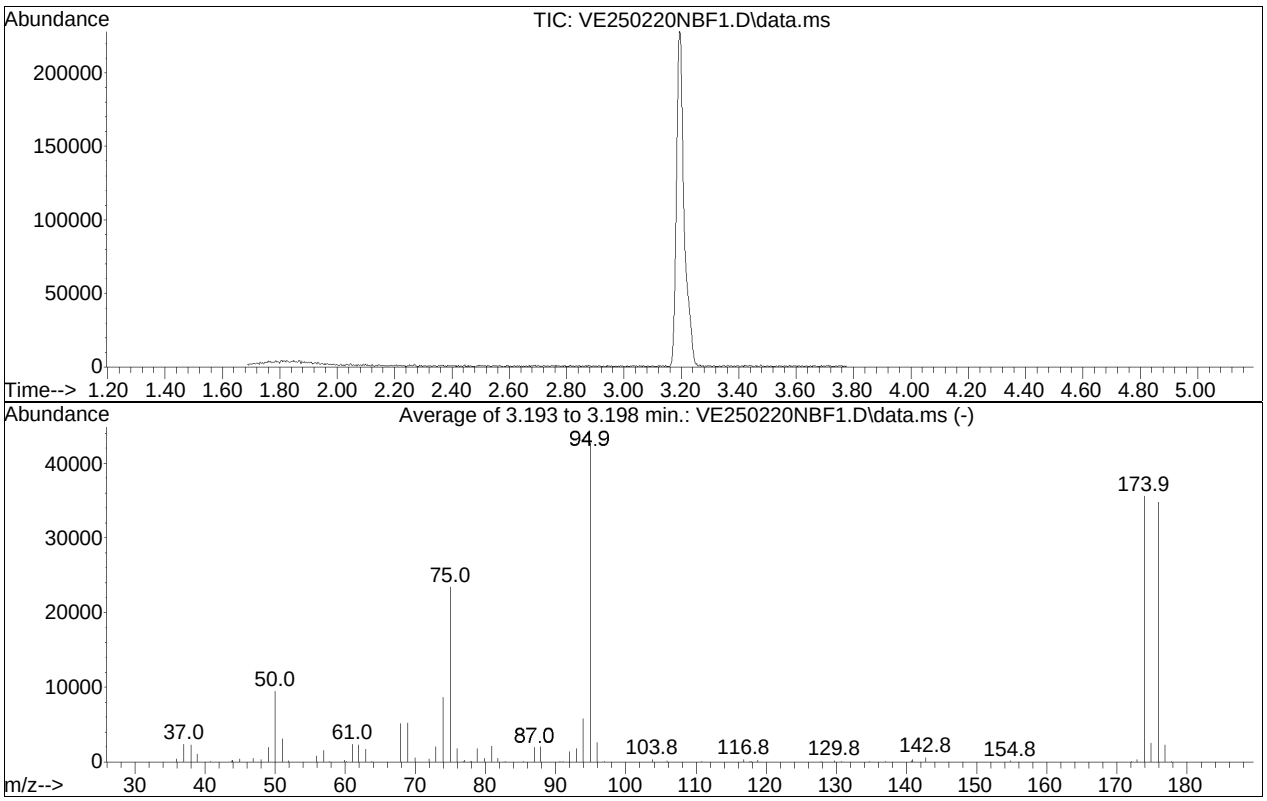
	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
113) TP	Hexachlorobuta...	0.155	0.255	0.265	0.265	0.246	0.256	0.255	0.243	16.11	
114) TP	1,2,4-Trichlor...	0.702	0.743	0.820	0.813	0.799	0.827	0.847	0.793	6.52	
115) TP	Naphthalene	1.702	1.794	1.965	1.941	1.957	1.955	1.895	1.887	5.37	
116) TP	1,2,3-Trichlor...	0.670	0.706	0.743	0.735	0.738	0.747	0.754	0.727	4.08	

(#) = Out of Range

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220NBF1.D
Acq On : 20 Feb 2025 10:12 pm
Operator : ELAINE:TMS
Sample : WG2033412-1
Misc : WG2033412
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Feb 24 07:16:52 2025



AutoFind: Scans 541, 542, 543; Background Corrected with Scan 527

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.2	9503	PASS
75	95	30	60	54.9	23467	PASS
95	95	100	100	100.0	42763	PASS
96	95	5	9	6.1	2624	PASS
173	174	0.00	2	1.0	347	PASS
174	95	50	100	83.3	35635	PASS
175	174	5	9	7.1	2533	PASS
176	174	95	101	97.6	34776	PASS
177	176	5	9	6.6	2305	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N04.D
Acq On : 20 Feb 2025 11:45 pm
Operator : ELAINE:PID
Sample : I8260STD0.19PPB
Misc : WG2033412,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 24 07:12:09 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-L11_NJnew - L11 new NJ

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.772	96	186191	10.000	ug/L	0.00
Standard Area 1 = 193689			Recovery = 96.13%			
63) Chlorobenzene-d5	9.285	117	147338	10.000	ug/L	0.00
Standard Area 1 = 149882			Recovery = 98.30%			
84) 1,4-Dichlorobenzene-d4	12.035	152	80343	10.000	ug/L	0.00
Standard Area 1 = 78717			Recovery = 102.07%			
System Monitoring Compounds						
39) Dibromofluoromethane	4.977	113	55953	11.011	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.11%			
47) 1,2-Dichloroethane-d4	5.490	65	56550	10.513	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.13%			
64) Toluene-d8	7.450	98	202569	10.391	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.91%			
88) 4-Bromofluorobenzene	10.800	95	67085	10.433	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.33%			
Target Compounds						Qvalue
4) Vinyl chloride	1.764	62	1057	0.188	ug/L	78
37) Carbon tetrachloride	4.932	117	906	0.163	ug/L #	59
45) Benzene	5.365	78	3259M6	0.197	ug/L	
48) 1,2-Dichloroethane	5.574	62	937M3	0.180	ug/L	
52) Trichloroethene	5.945	95	567M6	0.141	ug/L	
62) cis-1,3-Dichloropropene	7.241	75	772M3	0.128	ug/L	
67) Tetrachloroethene	7.950	166	746M4	0.176	ug/L	
69) trans-1,3-Dichloropropene	7.989	75	800M6	0.150	ug/L	
92) 1,1,2,2-Tetrachloroethane	11.059	83	548	0.146	ug/L #	82

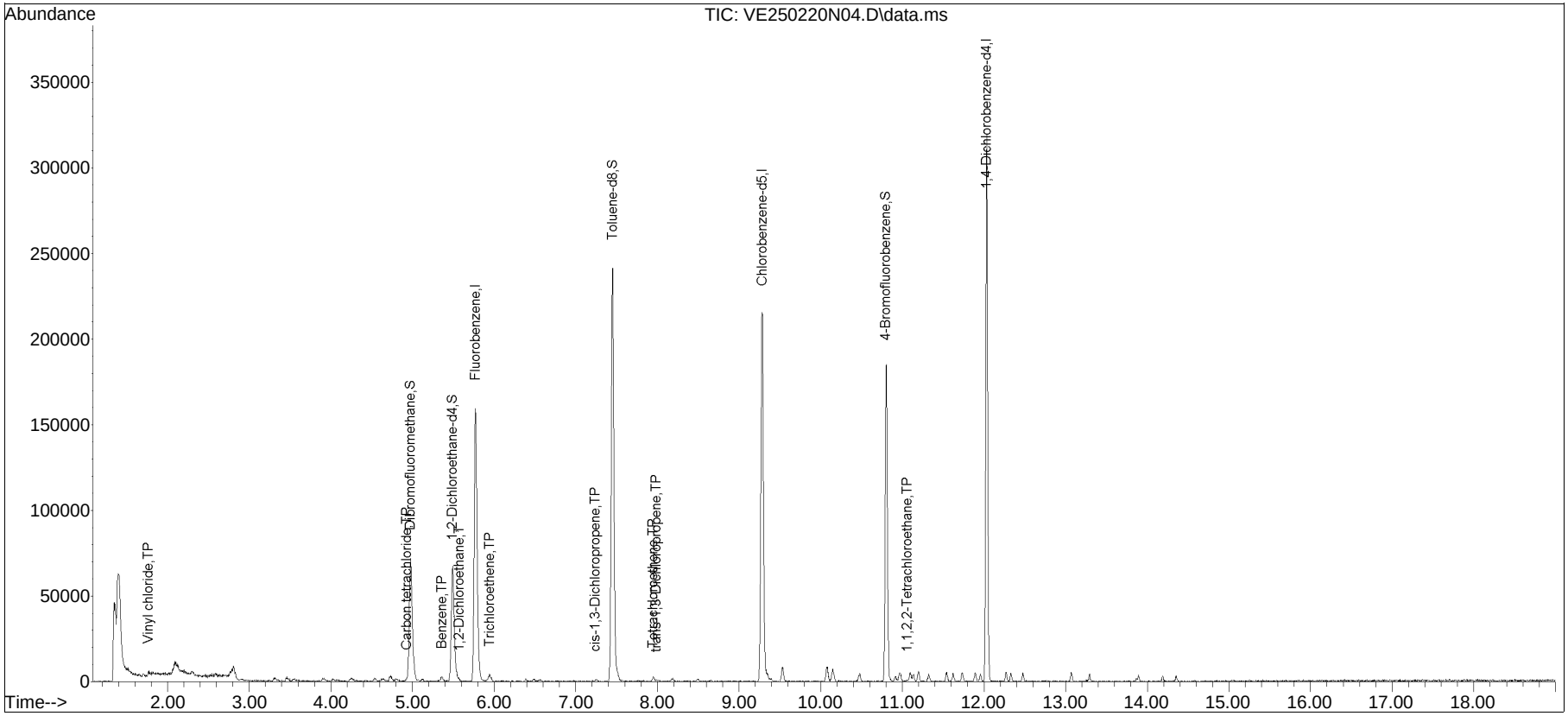
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N04.D
Acq On : 20 Feb 2025 11:45 pm
Operator : ELAINE:PID
Sample : I8260STD0.19PPB
Misc : WG2033412,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 24 07:12:09 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

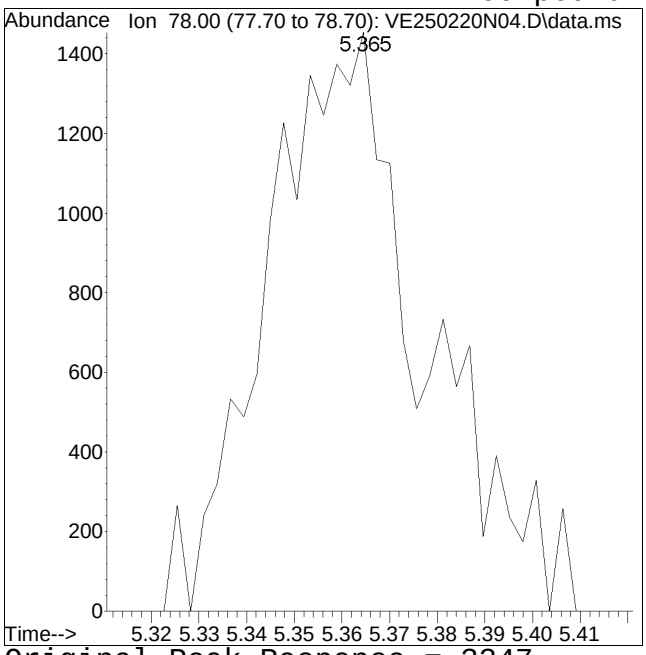
Sub List : 8260-L11_NJnew - L11 new NJCAL\VE250220N10.D•



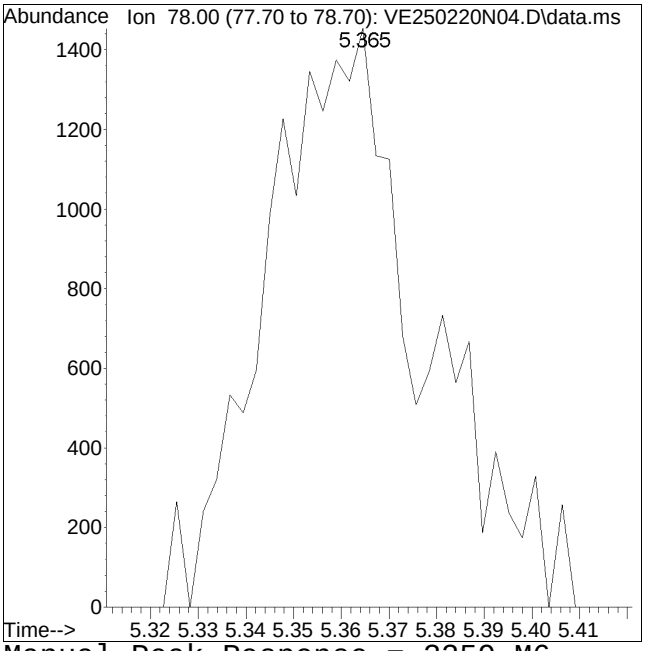
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N04.D Operator : ELAINE:PID
Date Inj'd : 2/20/2025 11:45 pm Instrument : Elaine
Sample : I8260STD0.19PPB Quant Date : 2/24/2025 7:12 am

Compound #45: Benzene



Original Peak Response = 3347



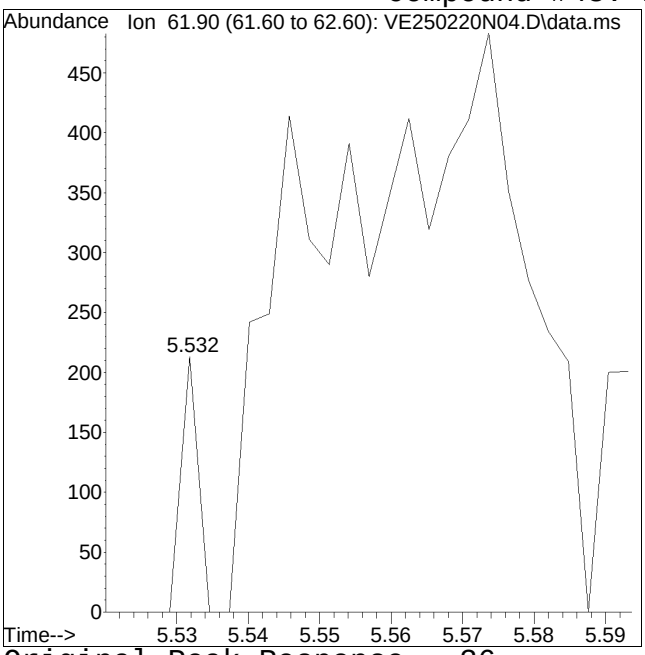
Manual Peak Response = 3259 M6

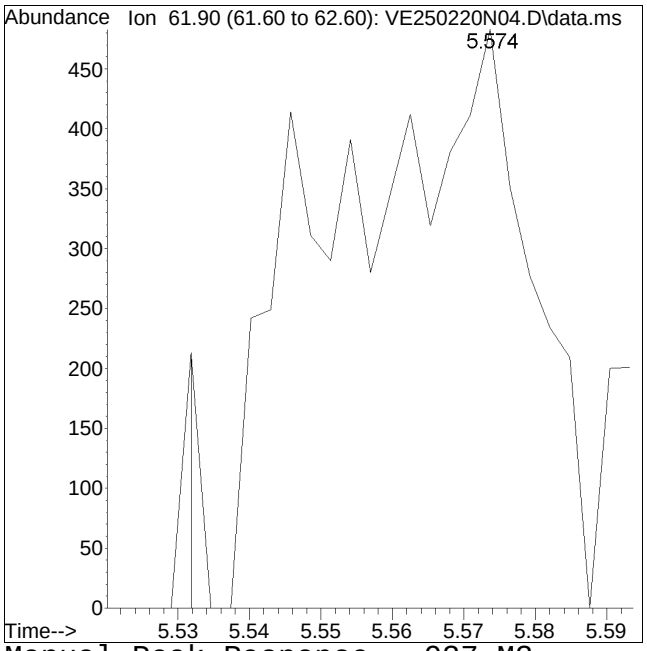
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N04.D Operator : ELAINE:PID
Date Inj'd : 2/20/2025 11:45 pm Instrument : Elaine
Sample : I8260STD0.19PPB Quant Date : 2/24/2025 7:12 am

Compound #48: 1,2-Dichloroethane





Original Peak Response = 36 Manual Peak Response = 937 M3

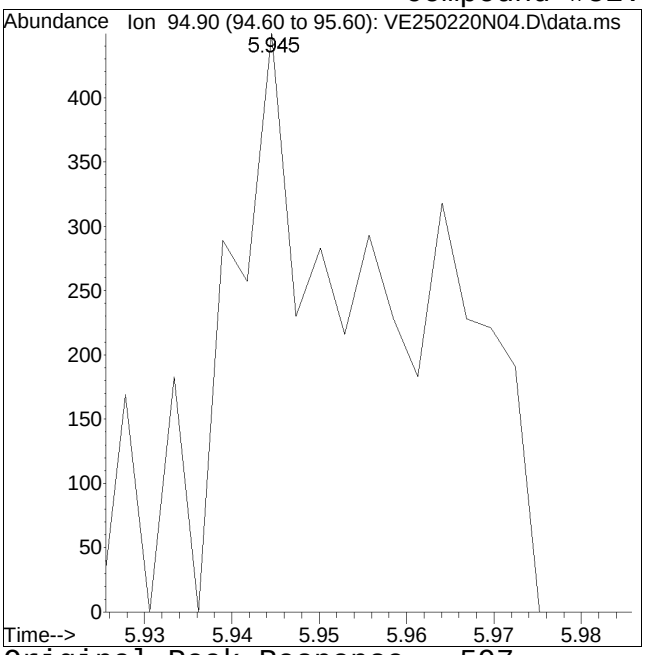
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

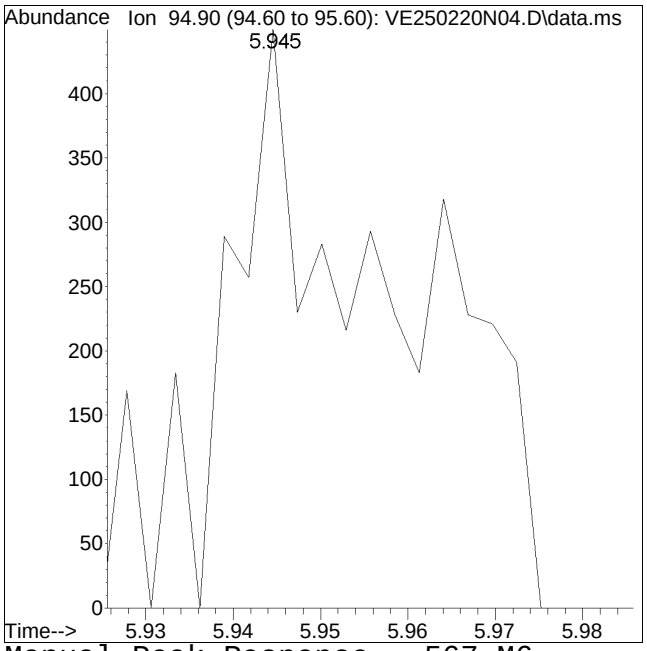
Data Path : K:\Elaine\2025\250220NICALQ
Data File : VE250220N04.D
Date Inj'd : 2/20/2025 11:45 pm
Sample : I8260STD0.19PPB

Method : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 2/24/2025 7:12 am

Compound #52: Trichloroethene



Original Peak Response = 597



Manual Peak Response = 567 M6

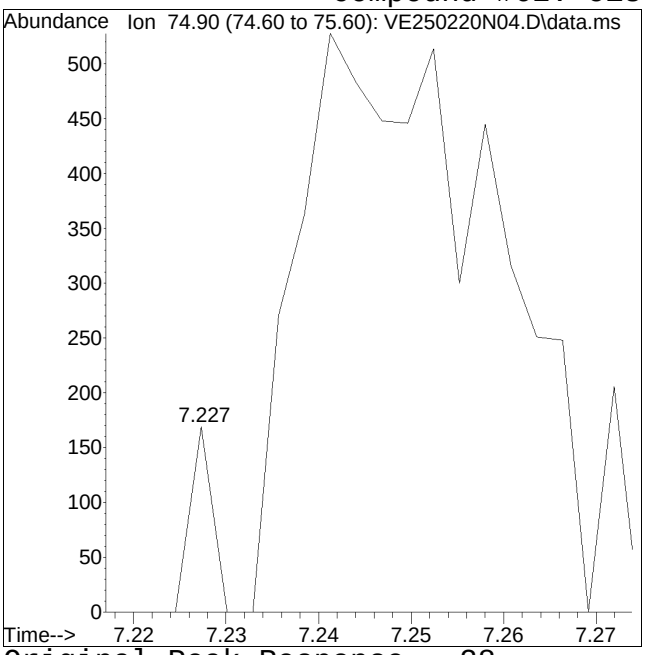
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

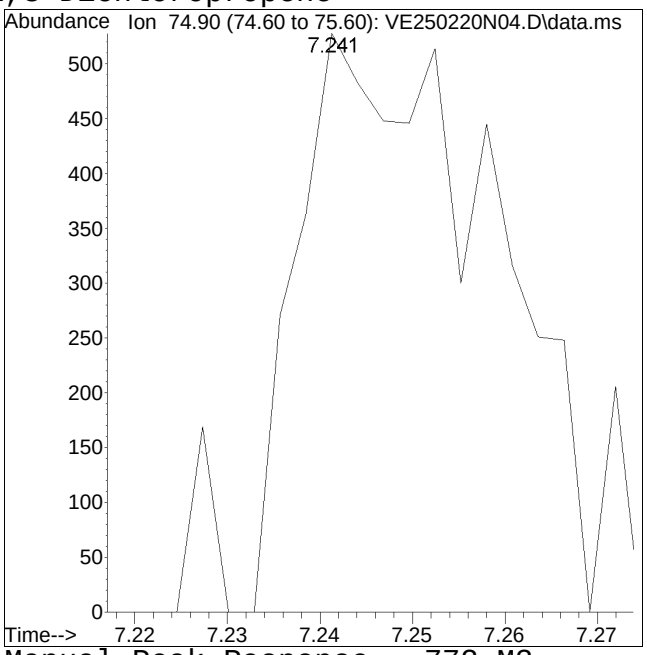
Data Path : K:\Elaine\2025\250220NICALQ
Data File : VE250220N04.D
Date Inj'd : 2/20/2025 11:45 pm
Sample : I8260STD0.19PPB

Method : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 2/24/2025 7:12 am

Compound #62: cis-1,3-Dichloropropene



Original Peak Response = 28



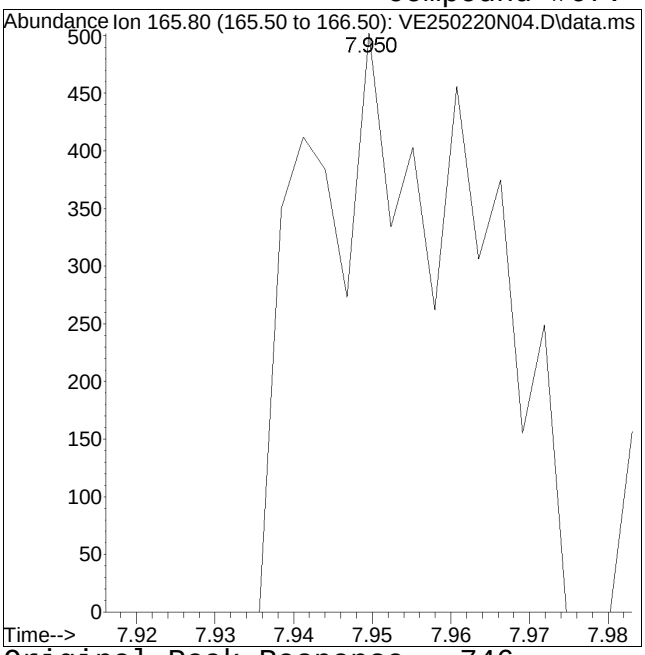
Manual Peak Response = 772 M3

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

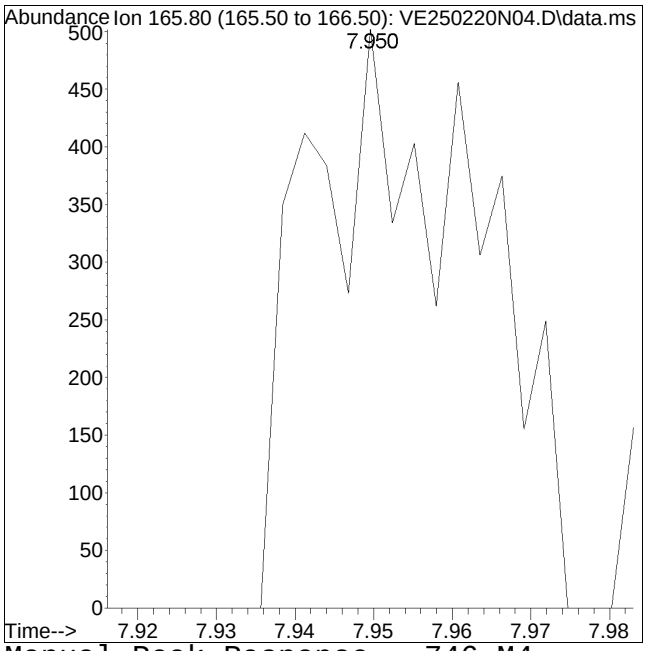
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N04.D Operator : ELAINE:PID
Date Inj'd : 2/20/2025 11:45 pm Instrument : Elaine
Sample : I8260STD0.19PPB Quant Date : 2/24/2025 7:12 am

Compound #67: Tetrachloroethene



Original Peak Response = 746



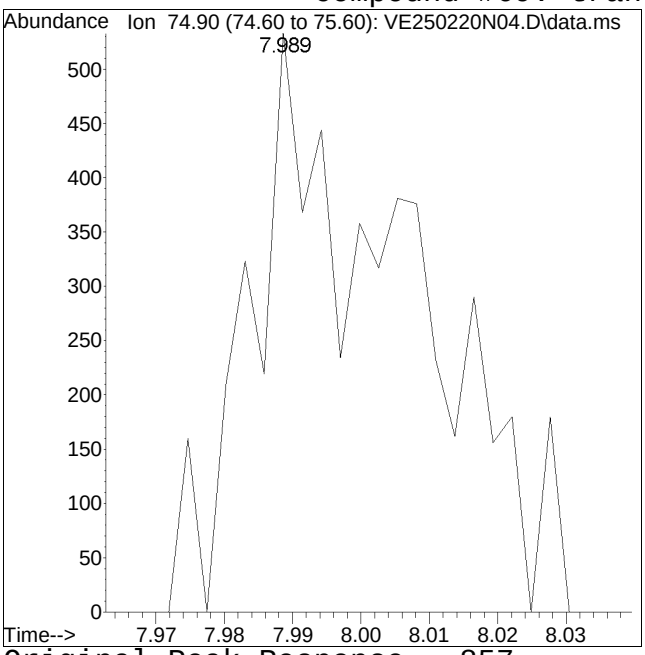
Manual Peak Response = 746 M4

M4 = Poor automated baseline construction.

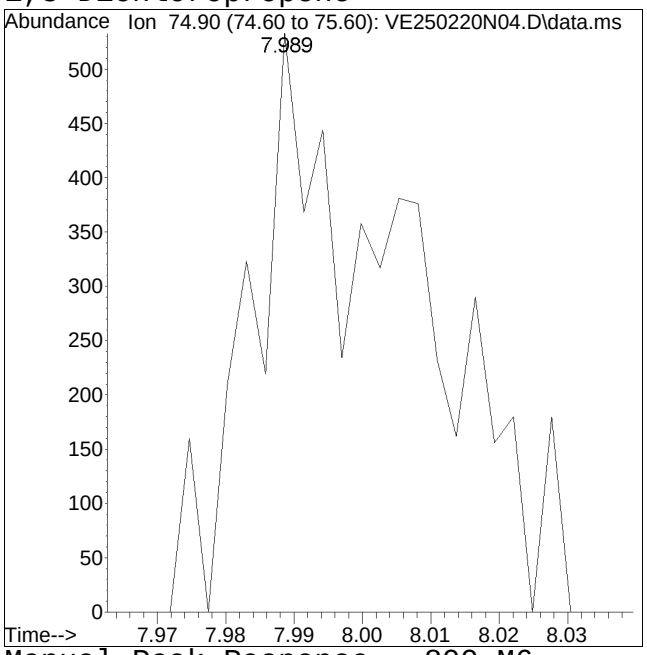
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N04.D Operator : ELAINE:PID
Date Inj'd : 2/20/2025 11:45 pm Instrument : Elaine
Sample : I8260STD0.19PPB Quant Date : 2/24/2025 7:12 am

Compound #69: trans-1,3-Dichloropropene



Original Peak Response = 857



Manual Peak Response = 800 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N06.D
Acq On : 21 Feb 2025 12:33 am
Operator : ELAINE:PID
Sample : I8260STD0.5PPB
Misc : WG2033412,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 24 07:12:18 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.772	96	186026	10.000 ug/L	0.00
Standard Area 1 = 193689			Recovery = 96.04%		
63) Chlorobenzene-d5	9.286	117	147295	10.000 ug/L	0.00
Standard Area 1 = 149882			Recovery = 98.27%		
84) 1,4-Dichlorobenzene-d4	12.032	152	79184	10.000 ug/L	0.00
Standard Area 1 = 78717			Recovery = 100.59%		
System Monitoring Compounds					
39) Dibromofluoromethane	4.977	113	55801	10.991 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 109.91%		
47) 1,2-Dichloroethane-d4	5.490	65	55883	10.398 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.98%		
64) Toluene-d8	7.453	98	203378	10.436 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.36%		
88) 4-Bromofluorobenzene	10.803	95	64801	10.226 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.26%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.522	85	1596	0.333 ug/L	95
3) Chloromethane	1.698	50	2139	0.496 ug/L	92
4) Vinyl chloride	1.773	62	2248	0.401 ug/L	92
5) Bromomethane	2.063	94	1987	0.402 ug/L	84
6) Chloroethane	2.180	64	1749M6	0.408 ug/L	
7) Trichlorofluoromethane	2.314	101	3888	0.402 ug/L	89
8) Ethyl ether	2.590	74	1159	0.403 ug/L #	66
10) 1,1-Dichloroethene	2.777	96	2094	0.401 ug/L	95
11) Carbon disulfide	2.796	76	5905	0.401 ug/L	93
12) Freon-113	2.807	101	1260	0.270 ug/L	99
13) Iodomethane	2.911	142	2090	0.411 ug/L	83
14) Acrolein	0.000		0	N.D. d	
15) Methylene chloride	3.315	84	2368	0.541 ug/L	96
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	3.460	96	1828	0.446 ug/L	93
19) Methyl acetate	0.000		0	N.D. d	
21) Methyl tert-butyl ether	3.552	73	3939	0.408 ug/L #	95
22) tert-Butyl alcohol	0.000		0	N.D. d	
24) Diisopropyl ether	3.912	45	4451	0.419 ug/L	93
25) 1,1-Dichloroethane	4.026	63	3634	0.480 ug/L #	53
26) Halothane	4.090	117	1068	0.353 ug/L #	56

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N06.D
Acq On : 21 Feb 2025 12:33 am
Operator : ELAINE:PID
Sample : I8260STD0.5PPB
Misc : WG2033412,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 24 07:12:18 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) Acrylonitrile	0.000		0	N.D.	d		
28) Ethyl tert-butyl ether	4.252	59	4015	0.390	ug/L		96
29) Vinyl acetate	0.000		0	N.D.	d		
30) cis-1,2-Dichloroethene	4.550	96	2186	0.458	ug/L		89
31) 2,2-Dichloropropane	4.642	77	2745M6	0.437	ug/L		
33) Bromochloromethane	4.729	128	1007M1	0.462	ug/L		
34) Cyclohexane	4.734	56	2612	0.371	ug/L		91
35) Chloroform	4.810	83	3609	0.481	ug/L	#	94
36) Ethyl acetate	0.000		0	N.D.	d		
37) Carbon tetrachloride	4.924	117	2078	0.374	ug/L	#	59
38) Tetrahydrofuran	0.000		0	N.D.	d		
40) 1,1,1-Trichloroethane	4.997	97	2264M6	0.367	ug/L		
42) 2-Butanone	0.000		0	N.D.	d		
43) 1,1-Dichloropropene	5.128	75	1905	0.380	ug/L	#	49
45) Benzene	5.354	78	6883	0.417	ug/L	#	64
46) tert-Amyl methyl ether	5.471	73	4359	0.447	ug/L	#	67
48) 1,2-Dichloroethane	5.563	62	2700	0.518	ug/L	#	51
51) Methyl cyclohexane	5.945	83	2373	0.324	ug/L		98
52) Trichloroethene	5.956	95	1475	0.368	ug/L		97
54) Dibromomethane	6.385	93	1185	0.473	ug/L		93
55) 1,2-Dichloropropane	6.497	63	1391	0.358	ug/L	#	40
57) 2-Chloroethyl vinyl ether	7.180	63	588	0.362	ug/L	#	77
58) Bromodichloromethane	6.564	83	2351	0.421	ug/L	#	93
61) 1,4-Dioxane	6.773	88	1716M6	85.728	ug/L		
62) cis-1,3-Dichloropropene	7.244	75	2239M6	0.370	ug/L		
65) Toluene	7.509	92	4800	0.436	ug/L		95
66) 4-Methyl-2-pentanone	0.000		0	N.D.	d		
67) Tetrachloroethene	7.958	166	1709	0.403	ug/L		93
69) trans-1,3-Dichloropropene	8.000	75	1866	0.350	ug/L		84
71) Ethyl methacrylate	8.178	69	1268M6	0.337	ug/L		
72) 1,1,2-Trichloroethane	8.173	83	1072	0.388	ug/L		92
73) Chlorodibromomethane	8.388	129	1343	0.349	ug/L		91
74) 1,3-Dichloropropane	8.505	76	2172	0.380	ug/L		90
75) 1,2-Dibromoethane	8.652	107	1126	0.356	ug/L		85
77) 2-Hexanone	8.959	43	510M4	0.341	ug/L		
78) Chlorobenzene	9.302	112	5449	0.435	ug/L	#	76
79) Ethylbenzene	9.344	91	8801	0.399	ug/L		99
80) 1,1,1,2-Tetrachloroethane	9.391	131	1450	0.371	ug/L	#	62
81) p/m Xylene	9.539	106	6660	0.738	ug/L		99
82) o Xylene	10.075	106	6429	0.716	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N06.D
Acq On : 21 Feb 2025 12:33 am
Operator : ELAINE:PID
Sample : I8260STD0.5PPB
Misc : WG2033412,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 24 07:12:18 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
83) Styrene	10.144	104	10744	0.702	ug/L		100
85) Bromoform	10.181	173	647M6	0.302	ug/L		
87) Isopropylbenzene	10.476	105	8126	0.372	ug/L		98
89) Bromobenzene	10.911	156	2074	0.426	ug/L		90
90) n-Propylbenzene	10.967	91	9994	0.380	ug/L		100
91) 1,4-Dichlorobutane	10.975	55	2263	0.471	ug/L		97
92) 1,1,2,2-Tetrachloroethane	11.056	83	1915	0.516	ug/L	#	91
93) 4-Ethyltoluene	11.098	105	8349	0.384	ug/L		99
94) 2-Chlorotoluene	11.132	91	6205M6	0.415	ug/L		
95) 1,3,5-Trimethylbenzene	11.198	105	7446	0.384	ug/L		94
96) 1,2,3-Trichloropropane	11.193	75	1377	0.439	ug/L		91
97) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d		
98) 4-Chlorotoluene	11.324	91	6616	0.427	ug/L		99
99) tert-Butylbenzene	11.533	119	6070	0.375	ug/L		98
102) 1,2,4-Trimethylbenzene	11.620	105	6896	0.363	ug/L		99
103) sec-Butylbenzene	11.734	105	9285	0.379	ug/L		95
104) p-Isopropyltoluene	11.890	119	7868	0.366	ug/L		100
105) 1,3-Dichlorobenzene	11.951	146	4898	0.462	ug/L		94
106) 1,4-Dichlorobenzene	12.052	146	4636M3	0.439	ug/L		
107) p-Diethylbenzene	12.269	119	4171	0.327	ug/L		97
108) n-Butylbenzene	12.328	91	6201	0.336	ug/L		99
109) 1,2-Dichlorobenzene	12.476	146	4662	0.468	ug/L		90
110) 1,2,4,5-Tetramethylben...	13.064	119	7024	0.350	ug/L		98
111) 1,2-Dibromo-3-chloropr...	13.259	155	114	0.221	ug/L		86
112) 1,3,5-Trichlorobenzene	13.293	180	3006	0.412	ug/L		97
113) Hexachlorobutadiene	13.870	225	615	0.320	ug/L	#	85
114) 1,2,4-Trichlorobenzene	13.895	180	2779	0.442	ug/L		97
115) Naphthalene	14.185	128	6738	0.451	ug/L		100
116) 1,2,3-Trichlorobenzene	14.355	180	2651	0.460	ug/L		96

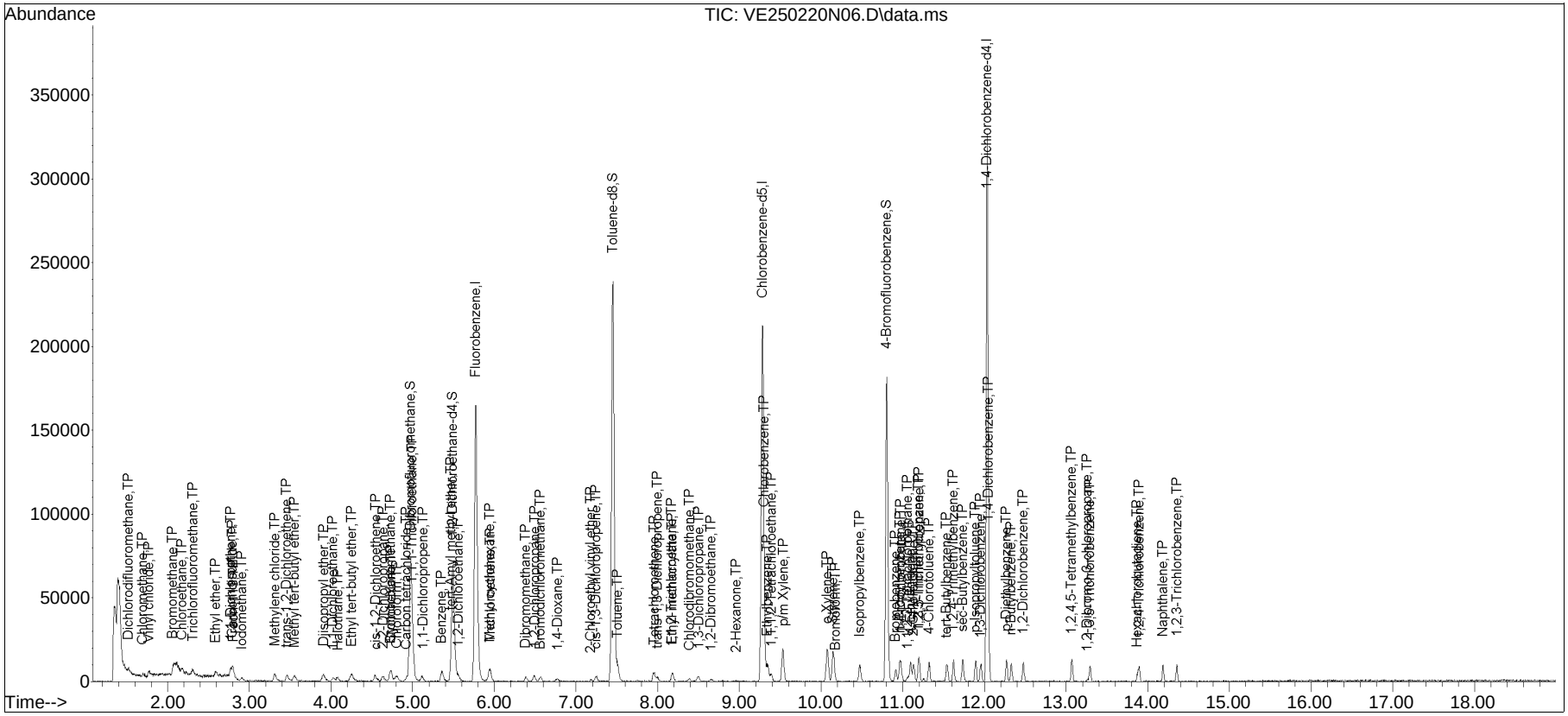
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N06.D
Acq On : 21 Feb 2025 12:33 am
Operator : ELAINE:PID
Sample : I8260STD0.5PPB
Misc : WG2033412,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 24 07:12:18 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

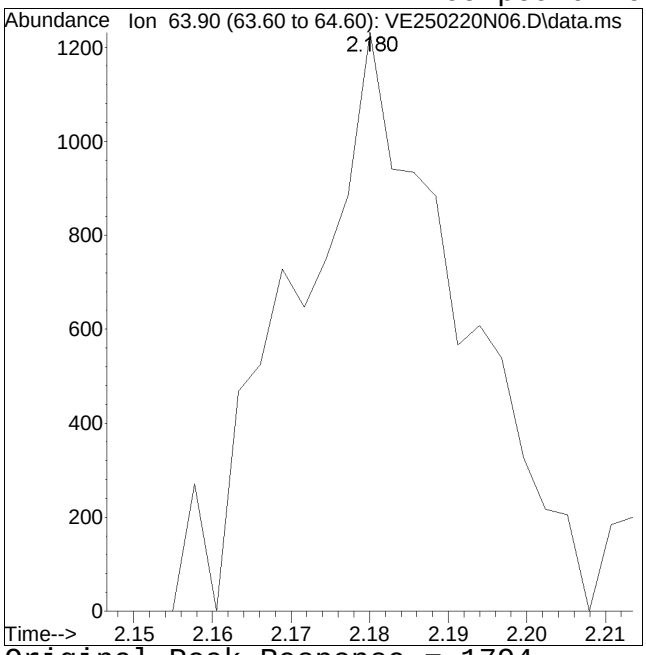
Sub List : 8260-Curve - Megamix plus Diox\VE250220N10.D•



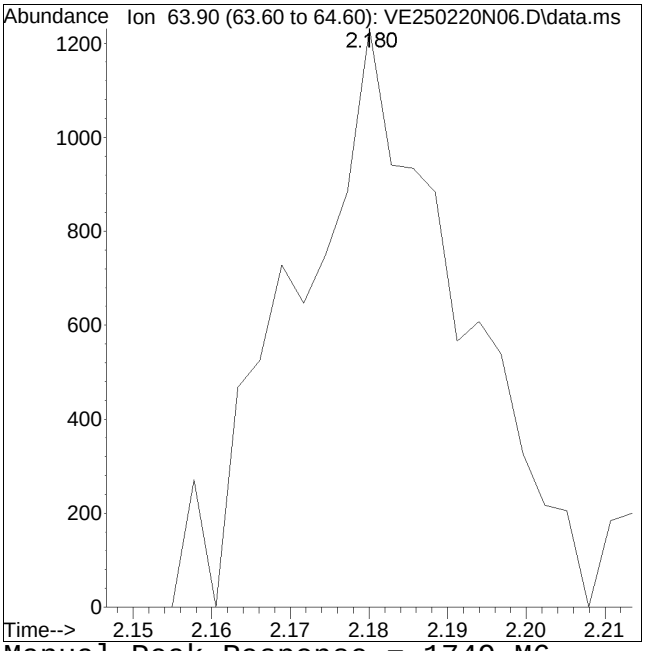
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N06.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 12:33 am Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 2/24/2025 7:12 am

Compound #6: Chloroethane



Original Peak Response = 1794



Manual Peak Response = 1749 M6

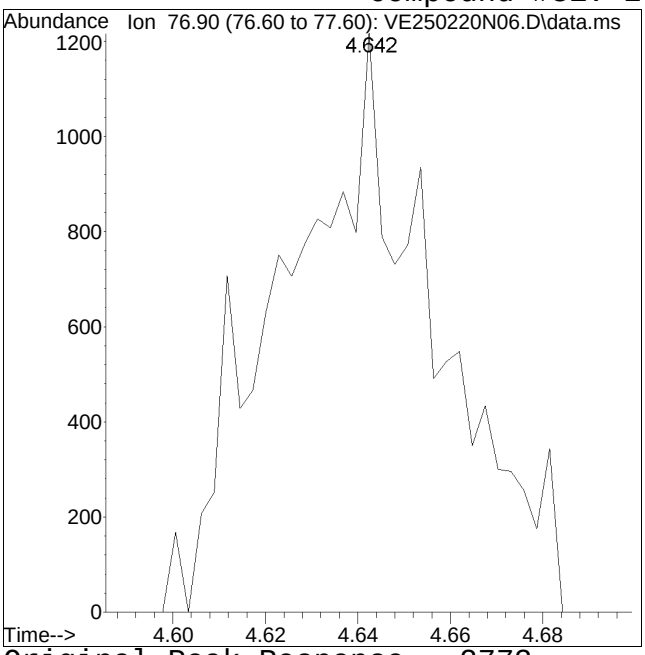
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

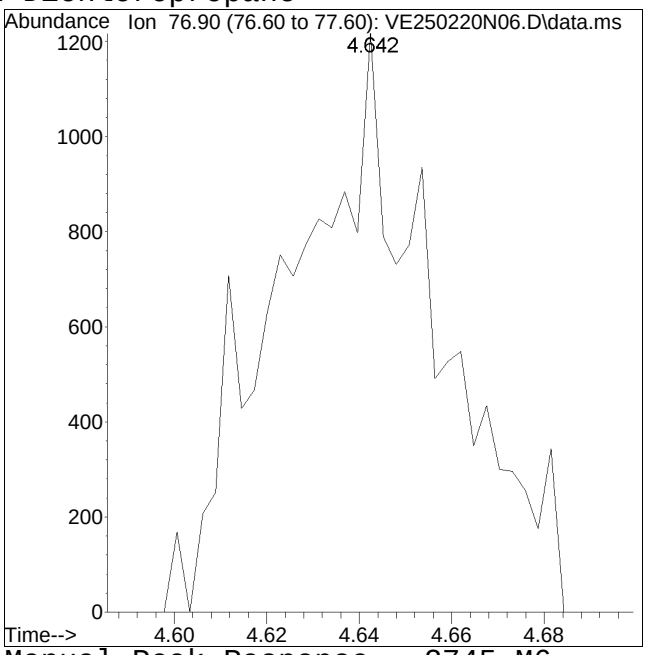
Data Path : K:\Elaine\2025\250220NICALQ
Data File : VE250220N06.D
Date Inj'd : 2/21/2025 12:33 am
Sample : I8260STD0.5PPB

Method : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 2/24/2025 7:12 am

Compound #31: 2,2-Dichloropropane



Original Peak Response = 2773



Manual Peak Response = 2745 M6

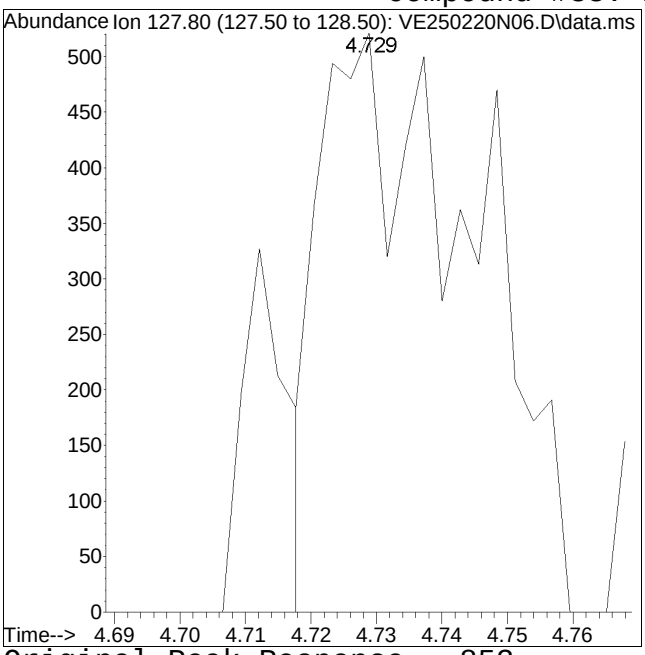
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

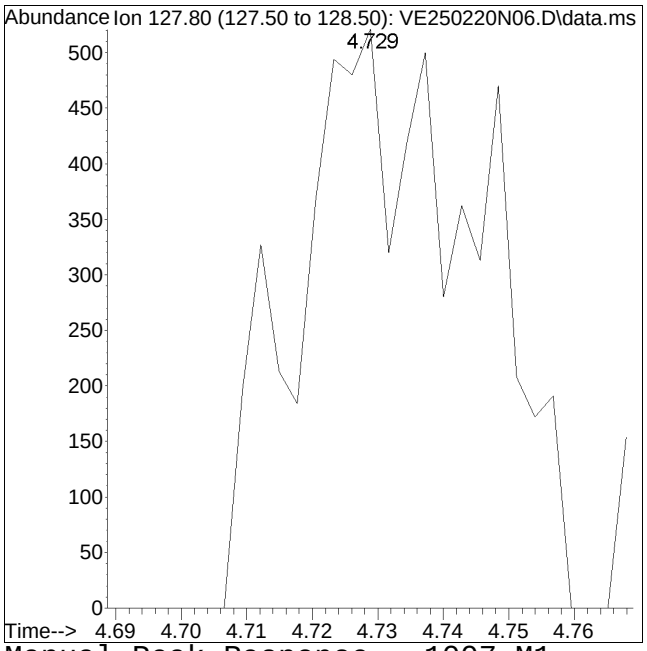
Data Path : K:\Elaine\2025\250220NICALQ
Data File : VE250220N06.D
Date Inj'd : 2/21/2025 12:33 am
Sample : I8260STD0.5PPB

Method : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 2/24/2025 7:12 am

Compound #33: Bromochloromethane



Original Peak Response = 853



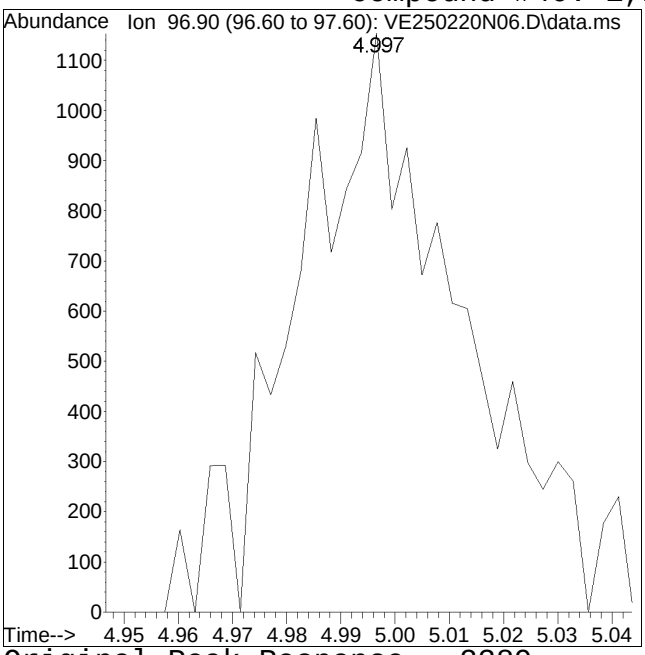
Manual Peak Response = 1007 M1

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

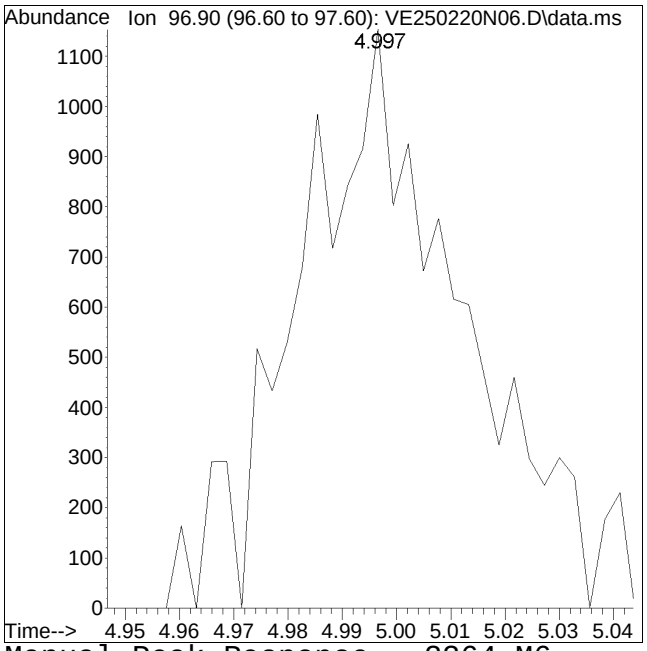
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N06.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 12:33 am Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 2/24/2025 7:12 am

Compound #40: 1,1,1-Trichloroethane



Original Peak Response = 2389



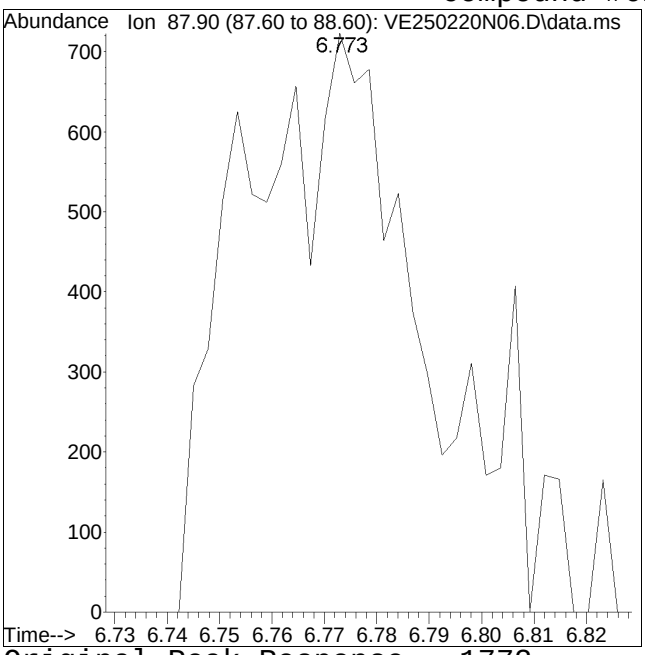
Manual Peak Response = 2264 M6

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

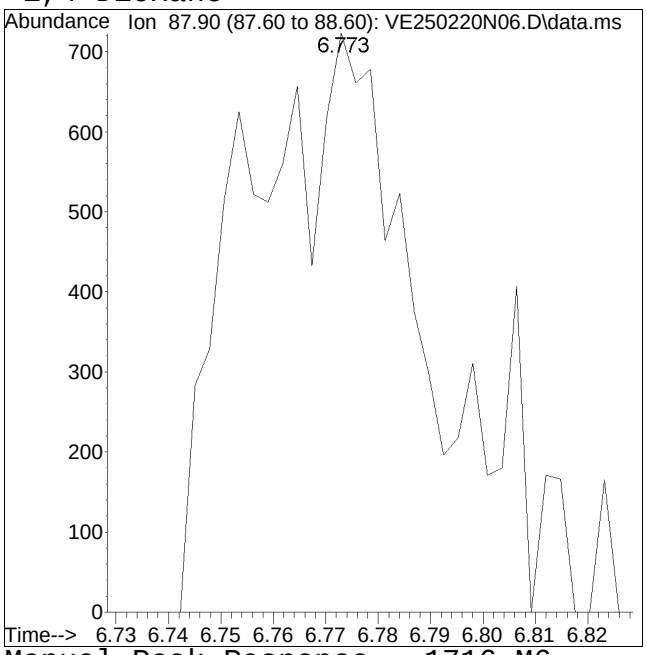
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N06.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 12:33 am Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 2/24/2025 7:12 am

Compound #61: 1,4-Dioxane



Original Peak Response = 1772



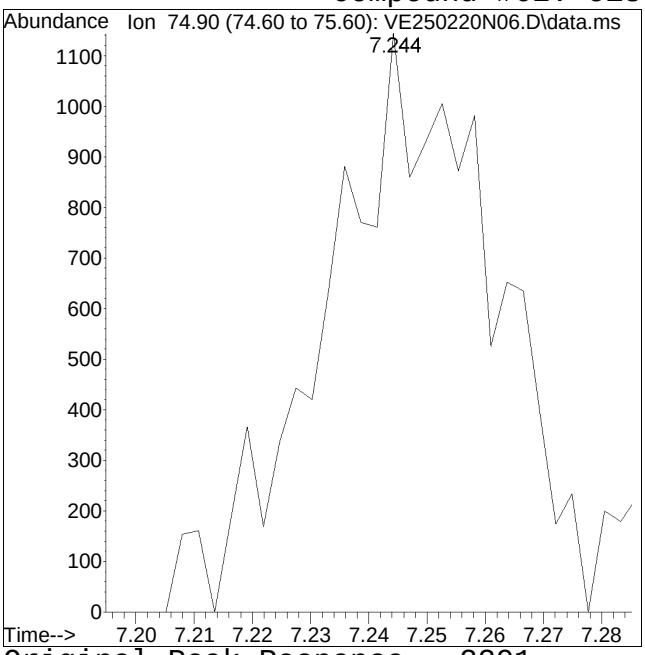
Manual Peak Response = 1716 M6

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

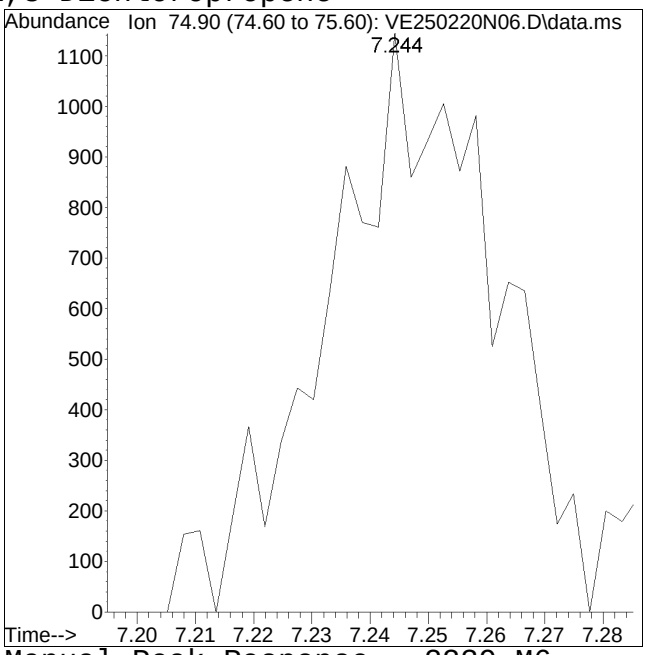
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N06.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 12:33 am Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 2/24/2025 7:12 am

Compound #62: cis-1,3-Dichloropropene



Original Peak Response = 2291



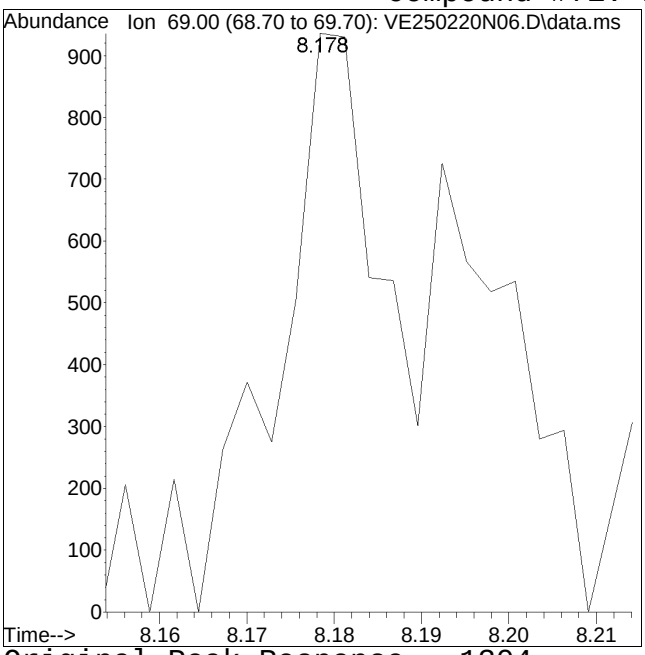
Manual Peak Response = 2239 M6

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

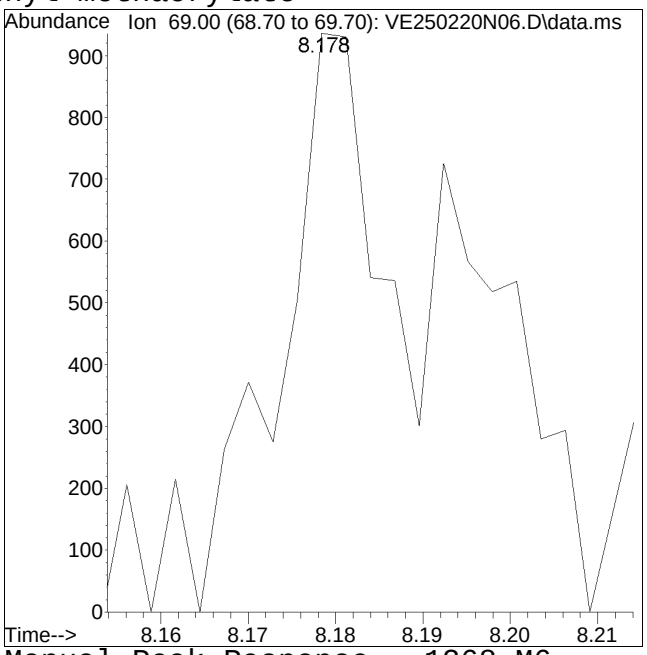
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N06.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 12:33 am Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 2/24/2025 7:12 am

Compound #71: Ethyl methacrylate



Original Peak Response = 1304



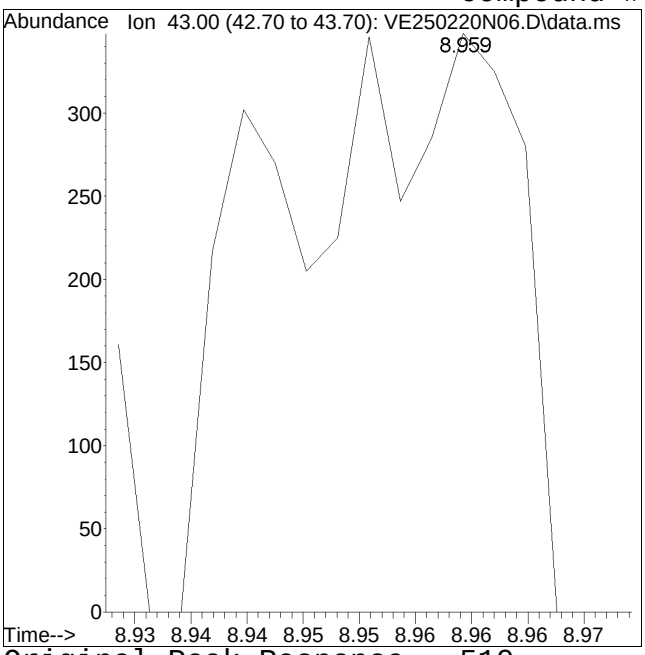
Manual Peak Response = 1268 M6

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

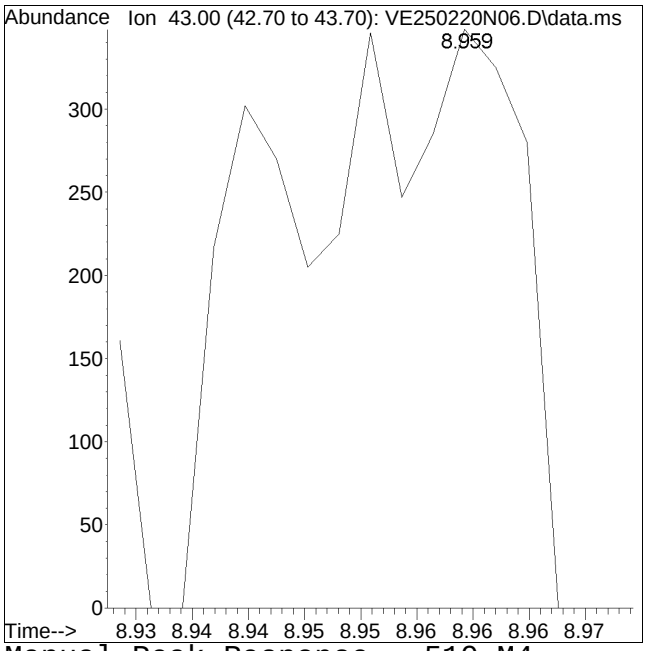
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N06.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 12:33 am Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 2/24/2025 7:12 am

Compound #77: 2-Hexanone



Original Peak Response = 510



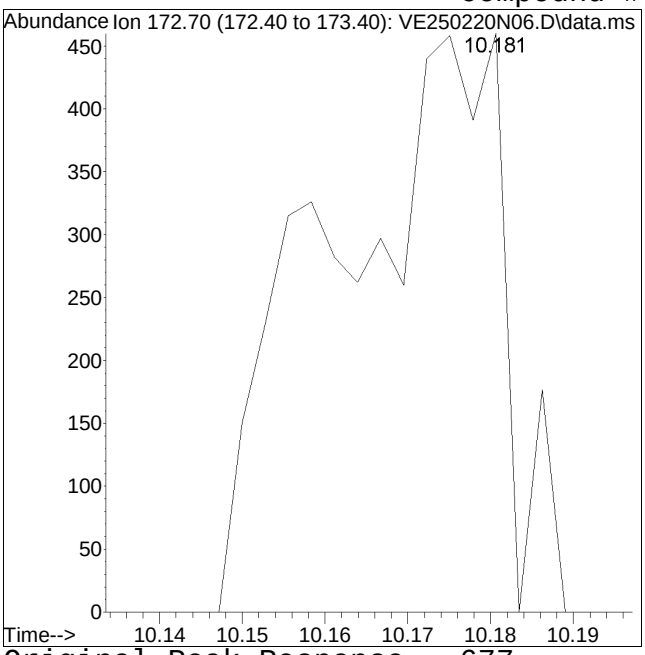
Manual Peak Response = 510 M4

M4 = Poor automated baseline construction.

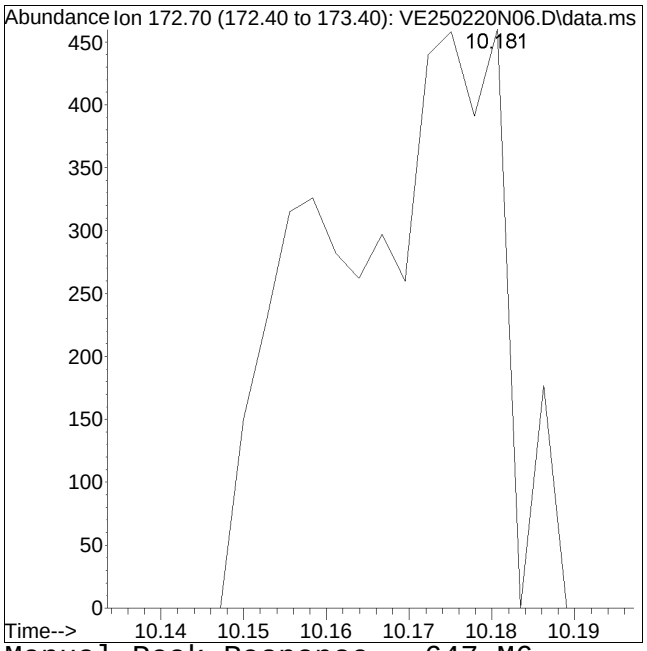
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N06.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 12:33 am Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 2/24/2025 7:12 am

Compound #85: Bromoform



Original Peak Response = 677



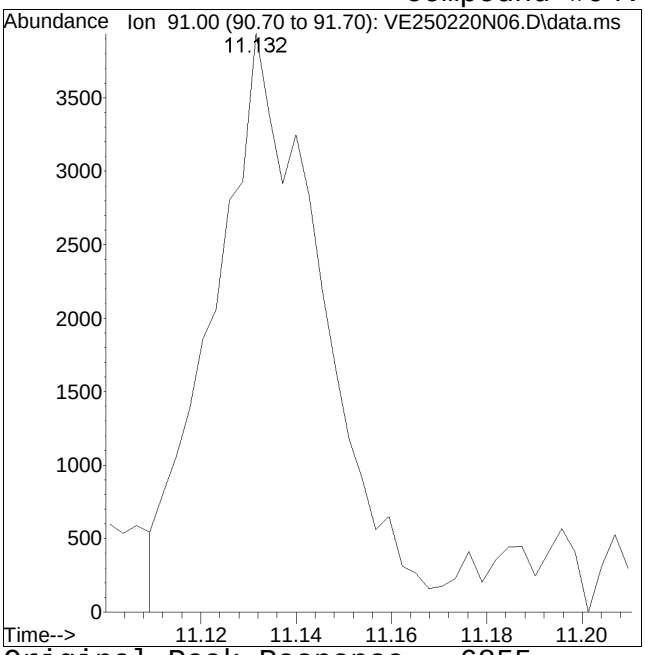
Manual Peak Response = 647 M6

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

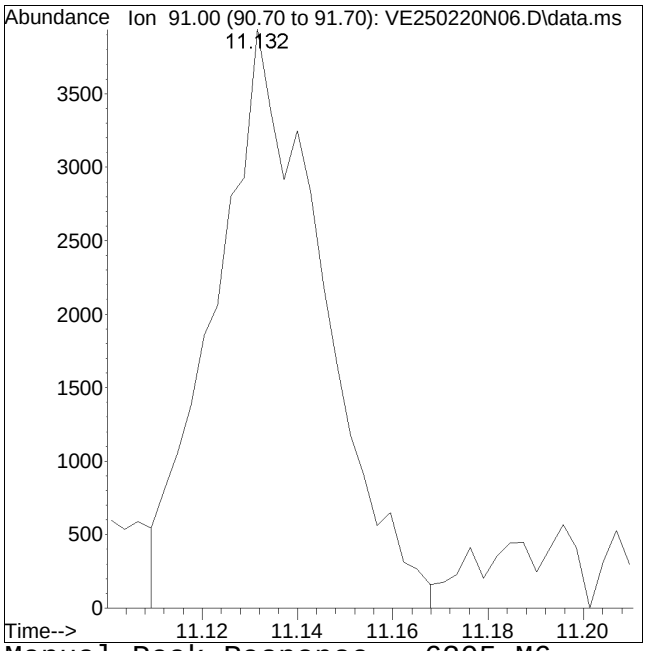
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N06.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 12:33 am Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 2/24/2025 7:12 am

Compound #94: 2-Chlorotoluene



Original Peak Response = 6855



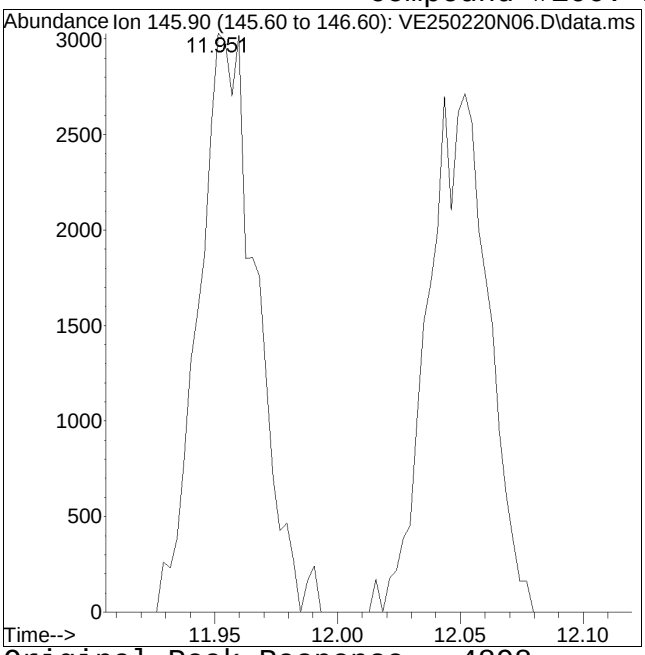
Manual Peak Response = 6205 M6

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

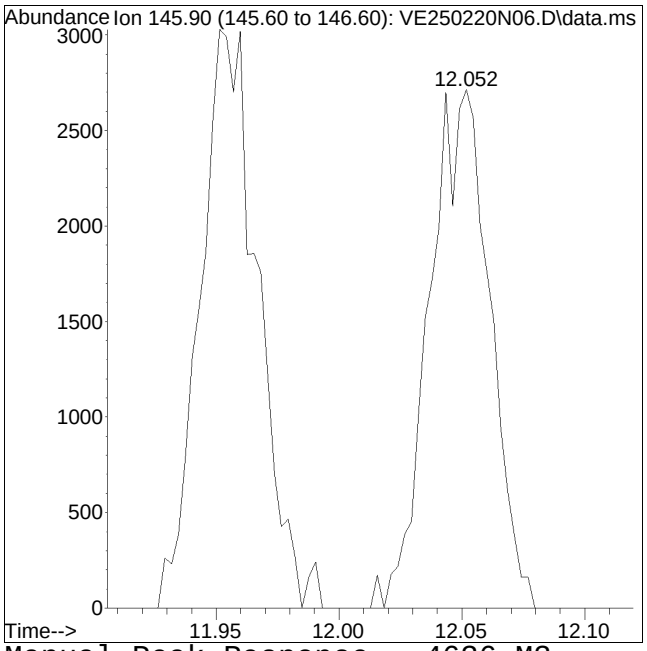
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N06.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 12:33 am Instrument : Elaine
Sample : I8260STD0.5PPB Quant Date : 2/24/2025 7:12 am

Compound #106: 1,4-Dichlorobenzene



Original Peak Response = 4898



Manual Peak Response = 4636 M3

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

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N08.D
Acq On : 21 Feb 2025 1:22 am
Operator : ELAINE:PID
Sample : I8260STD2PPB
Misc : WG2033412,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 24 07:12:26 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.772	96	189076	10.000	ug/L	0.00
Standard Area 1 = 193689			Recovery = 97.62%			
63) Chlorobenzene-d5	9.280	117	151127	10.000	ug/L	0.00
Standard Area 1 = 149882			Recovery = 100.83%			
84) 1,4-Dichlorobenzene-d4	12.032	152	80379	10.000	ug/L	0.00
Standard Area 1 = 78717			Recovery = 102.11%			
System Monitoring Compounds						
39) Dibromofluoromethane	4.980	113	53811	10.428	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.28%			
47) 1,2-Dichloroethane-d4	5.493	65	56957	10.427	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.27%			
64) Toluene-d8	7.451	98	204258	10.215	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.15%			
88) 4-Bromofluorobenzene	10.802	95	66366	10.317	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.17%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.522	85	10872	2.235	ug/L	98
3) Chloromethane	1.703	50	9412	2.146	ug/L	95
4) Vinyl chloride	1.767	62	13282	2.332	ug/L	94
5) Bromomethane	2.066	94	11377	2.263	ug/L	98
6) Chloroethane	2.180	64	9849	2.259	ug/L	97
7) Trichlorofluoromethane	2.308	101	22007	2.241	ug/L	96
8) Ethyl ether	2.590	74	6155	2.104	ug/L	94
10) 1,1-Dichloroethene	2.771	96	11683	2.200	ug/L	99
11) Carbon disulfide	2.802	76	33380	2.230	ug/L	100
12) Freon-113	2.813	101	10506	2.218	ug/L	99
13) Iodomethane	2.905	142	10728	2.075	ug/L	97
14) Acrolein	3.089	56	817	1.927	ug/L #	80
15) Methylene chloride	3.315	84	9628	2.162	ug/L	95
17) Acetone	3.351	43	1861M6	2.460	ug/L	
18) trans-1,2-Dichloroethene	3.460	96	9174	2.203	ug/L	96
19) Methyl acetate	3.468	43	4290M6	2.274	ug/L	
21) Methyl tert-butyl ether	3.558	73	18485	1.882	ug/L #	96
22) tert-Butyl alcohol	3.652	59	1354	7.573	ug/L #	100
24) Diisopropyl ether	3.915	45	21101	1.954	ug/L	97
25) 1,1-Dichloroethane	4.026	63	17250	2.241	ug/L	96
26) Halothane	4.087	117	6782	2.203	ug/L	94

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N08.D
Acq On : 21 Feb 2025 1:22 am
Operator : ELAINE:PID
Sample : I8260STD2PPB
Misc : WG2033412,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 24 07:12:26 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) Acrylonitrile	4.073	53	1973	2.046	ug/L		96
28) Ethyl tert-butyl ether	4.249	59	19618	1.873	ug/L		97
29) Vinyl acetate	4.260	43	13077	1.710	ug/L		97
30) cis-1,2-Dichloroethene	4.545	96	10852	2.236	ug/L		90
31) 2,2-Dichloropropane	4.642	77	14253	2.234	ug/L	#	99
33) Bromochloromethane	4.726	128	4856	2.193	ug/L		97
34) Cyclohexane	4.734	56	14652	2.048	ug/L		98
35) Chloroform	4.804	83	17215	2.258	ug/L		97
36) Ethyl acetate	4.904	43	4471M6	1.781	ug/L		
37) Carbon tetrachloride	4.921	117	11949M6	2.118	ug/L		
38) Tetrahydrofuran	4.944	42	1673M6	2.112	ug/L		
40) 1,1,1-Trichloroethane	4.999	97	13544	2.160	ug/L		97
42) 2-Butanone	5.086	43	1954	1.854	ug/L	#	58
43) 1,1-Dichloropropene	5.116	75	10238	2.010	ug/L		99
45) Benzene	5.362	78	33614	2.003	ug/L		99
46) tert-Amyl methyl ether	5.471	73	18621	1.879	ug/L		98
48) 1,2-Dichloroethane	5.563	62	11254	2.123	ug/L		98
51) Methyl cyclohexane	5.936	83	14595	1.958	ug/L		98
52) Trichloroethene	5.950	95	8036	1.973	ug/L		98
54) Dibromomethane	6.385	93	5416	2.126	ug/L		96
55) 1,2-Dichloropropane	6.494	63	7832	1.983	ug/L		96
57) 2-Chloroethyl vinyl ether	7.183	63	2542	1.538	ug/L	#	83
58) Bromodichloromethane	6.564	83	11063	1.949	ug/L		99
61) 1,4-Dioxane	6.773	88	7631	375.081	ug/L		98
62) cis-1,3-Dichloropropene	7.244	75	11717	1.907	ug/L		99
65) Toluene	7.509	92	22633	2.002	ug/L		98
66) 4-Methyl-2-pentanone	7.939	58	1800	1.867	ug/L	#	93
67) Tetrachloroethene	7.955	166	8743	2.011	ug/L		97
69) trans-1,3-Dichloropropene	7.986	75	9600	1.757	ug/L		96
71) Ethyl methacrylate	8.181	69	6907	1.790	ug/L		91
72) 1,1,2-Trichloroethane	8.176	83	5212	1.836	ug/L		98
73) Chlorodibromomethane	8.390	129	6338	1.605	ug/L		99
74) 1,3-Dichloropropane	8.499	76	11141	1.899	ug/L		97
75) 1,2-Dibromoethane	8.655	107	5864	1.805	ug/L		96
77) 2-Hexanone	8.956	43	2775	1.807	ug/L	#	83
78) Chlorobenzene	9.305	112	25806	2.007	ug/L		94
79) Ethylbenzene	9.341	91	44125	1.950	ug/L		100
80) 1,1,1,2-Tetrachloroethane	9.389	131	7217	1.801	ug/L		98
81) p/m Xylene	9.531	106	34715	3.750	ug/L		97
82) o Xylene	10.077	106	33959	3.685	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N08.D
Acq On : 21 Feb 2025 1:22 am
Operator : ELAINE:PID
Sample : I8260STD2PPB
Misc : WG2033412,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 24 07:12:26 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
83) Styrene	10.144	104	54238	3.456	ug/L		98
85) Bromoform	10.175	173	3315	1.522	ug/L		94
87) Isopropylbenzene	10.476	105	44061	1.987	ug/L		100
89) Bromobenzene	10.911	156	10155	2.053	ug/L		100
90) n-Propylbenzene	10.964	91	53605	2.006	ug/L		99
91) 1,4-Dichlorobutane	10.984	55	9999	2.048	ug/L		99
92) 1,1,2,2-Tetrachloroethane	11.059	83	7783	2.067	ug/L		96
93) 4-Ethyltoluene	11.098	105	44887	2.032	ug/L		98
94) 2-Chlorotoluene	11.134	91	30600M6	2.018	ug/L		
95) 1,3,5-Trimethylbenzene	11.196	105	38830	1.972	ug/L		98
96) 1,2,3-Trichloropropane	11.196	75	6270	1.968	ug/L		98
97) trans-1,4-Dichloro-2-b...	11.257	53	2019	1.863	ug/L	#	84
98) 4-Chlorotoluene	11.321	91	31864	2.025	ug/L		99
99) tert-Butylbenzene	11.541	119	32562	1.984	ug/L		99
102) 1,2,4-Trimethylbenzene	11.620	105	36751	1.907	ug/L		98
103) sec-Butylbenzene	11.737	105	48097	1.933	ug/L		98
104) p-Isopropyltoluene	11.893	119	41773	1.915	ug/L		99
105) 1,3-Dichlorobenzene	11.954	146	21128	1.963	ug/L		98
106) 1,4-Dichlorobenzene	12.052	146	20990	1.960	ug/L		97
107) p-Diethylbenzene	12.272	119	23700	1.833	ug/L		97
108) n-Butylbenzene	12.328	91	36341	1.942	ug/L		98
109) 1,2-Dichlorobenzene	12.476	146	19818	1.960	ug/L		98
110) 1,2,4,5-Tetramethylben...	13.070	119	36662	1.797	ug/L		100
111) 1,2-Dibromo-3-chloropr...	13.265	155	830M3	1.582	ug/L		
112) 1,3,5-Trichlorobenzene	13.293	180	14251	1.924	ug/L		97
113) Hexachlorobutadiene	13.873	225	4103	2.104	ug/L		98
114) 1,2,4-Trichlorobenzene	13.890	180	11949	1.874	ug/L		96
115) Naphthalene	14.185	128	28848	1.902	ug/L		100
116) 1,2,3-Trichlorobenzene	14.355	180	11342	1.940	ug/L		99

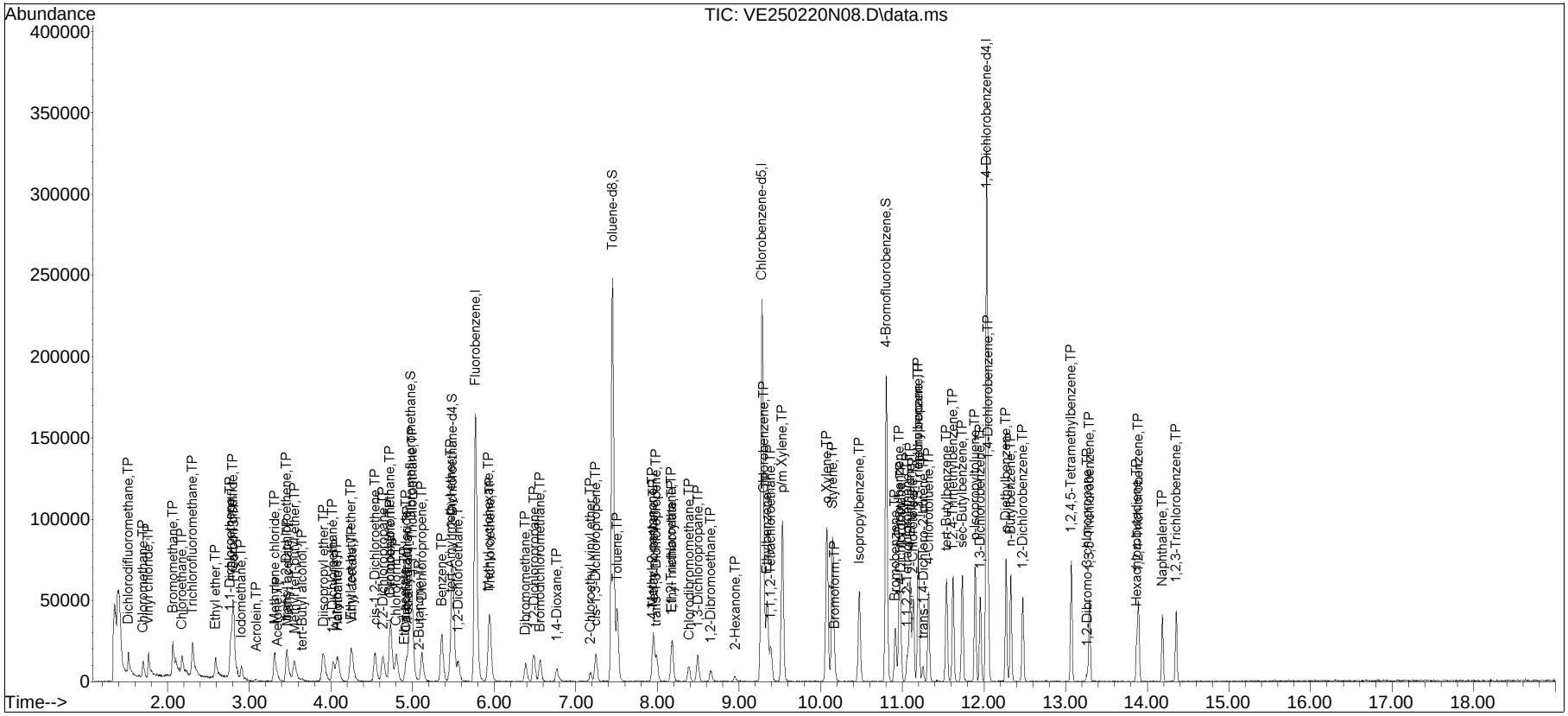
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N08.D
Acq On : 21 Feb 2025 1:22 am
Operator : ELAINE:PID
Sample : I8260STD2PPB
Misc : WG2033412,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 24 07:12:26 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

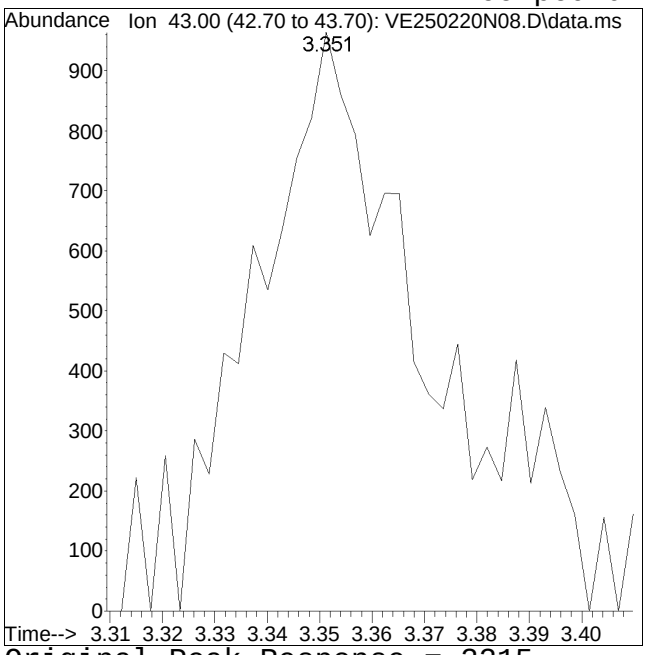
Sub List : 8260-Curve - Megamix plus Diox\VE250220N10.D•



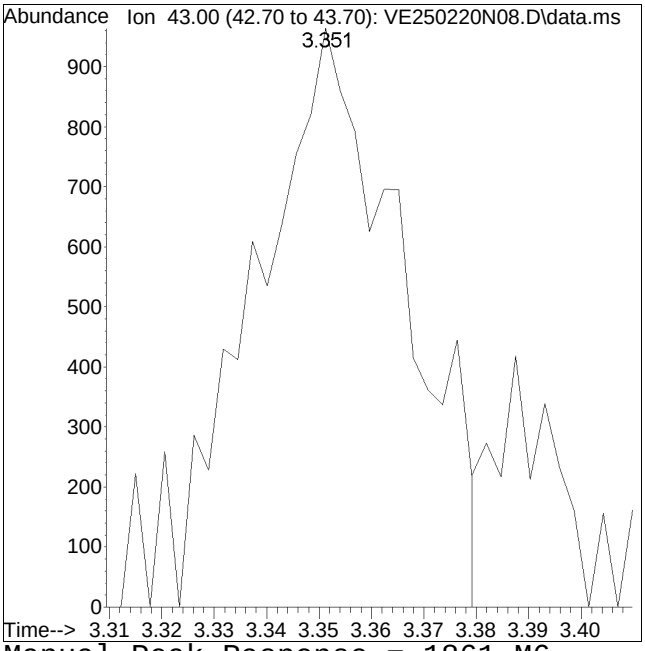
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N08.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 1:22 am Instrument : Elaine
Sample : I8260STD2PPB Quant Date : 2/24/2025 7:12 am

Compound #17: Acetone



Original Peak Response = 2215



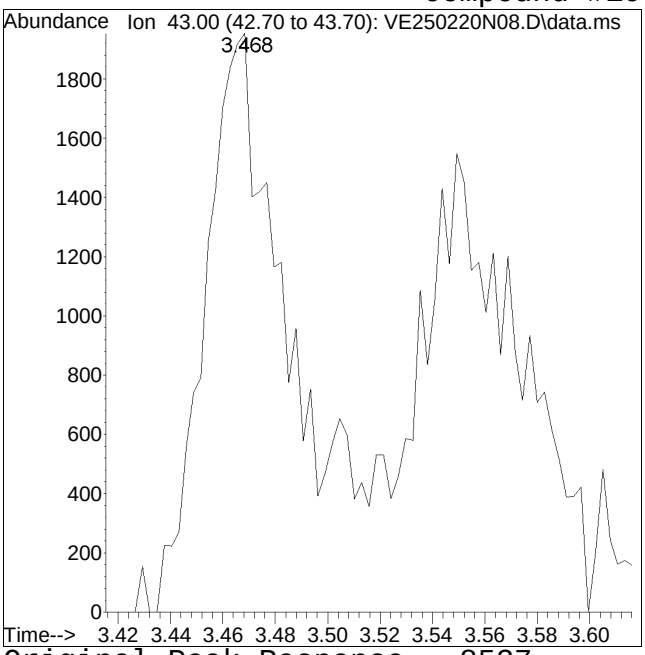
Manual Peak Response = 1861 M6

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

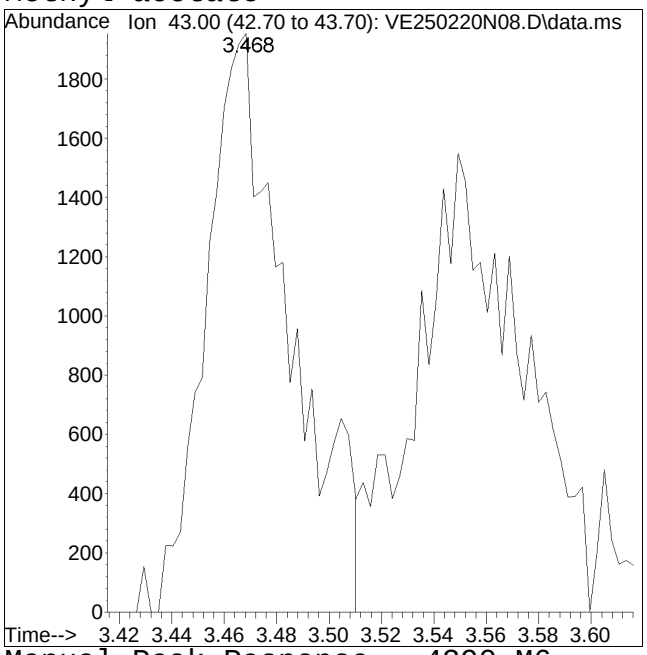
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N08.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 1:22 am Instrument : Elaine
Sample : I8260STD2PPB Quant Date : 2/24/2025 7:12 am

Compound #19: Methyl acetate



Original Peak Response = 8537



Manual Peak Response = 4290 M6

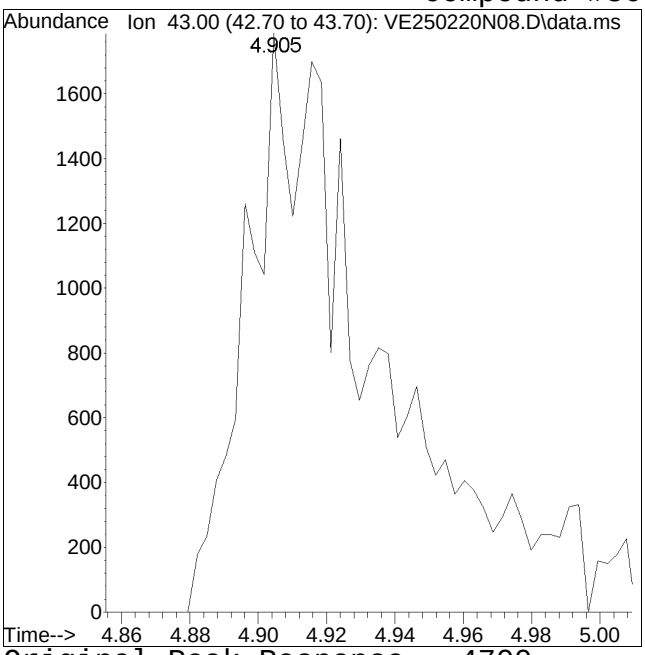
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

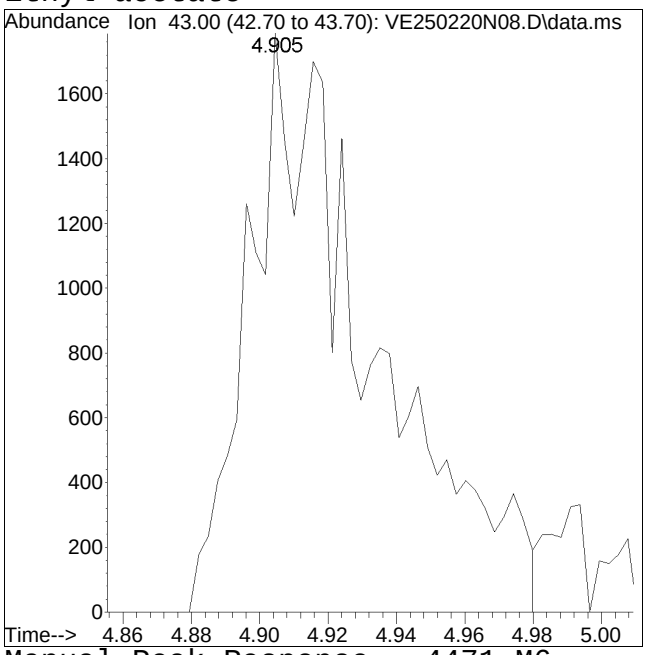
Data Path : K:\Elaine\2025\250220NICALQ
Data File : VE250220N08.D
Date Inj'd : 2/21/2025 1:22 am
Sample : I8260STD2PPB

Method : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 2/24/2025 7:12 am

Compound #36: Ethyl acetate



Original Peak Response = 4700



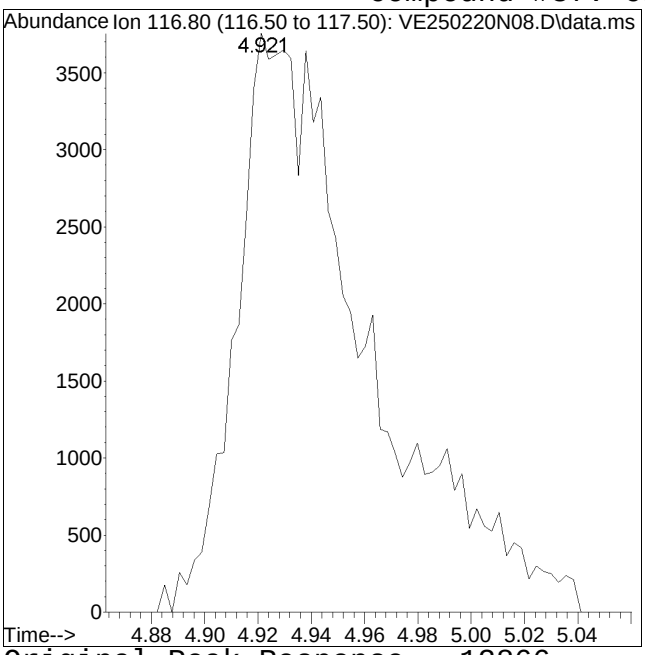
Manual Peak Response = 4471 M6

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

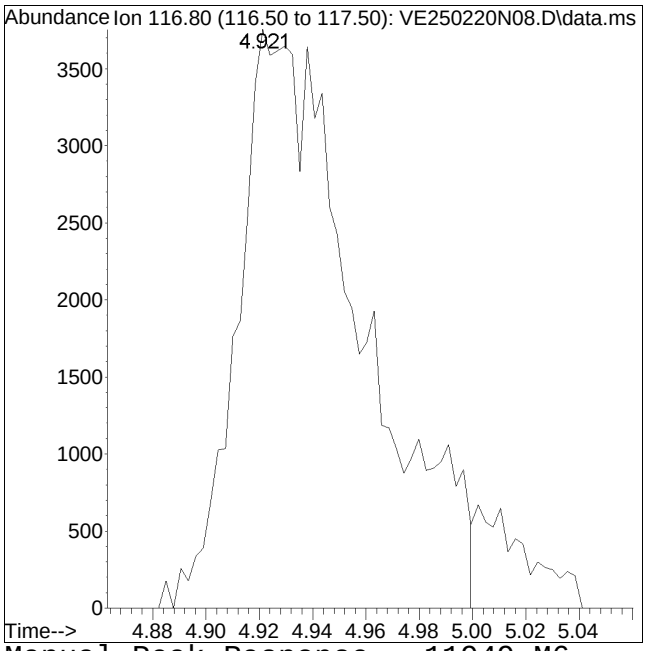
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N08.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 1:22 am Instrument : Elaine
Sample : I8260STD2PPB Quant Date : 2/24/2025 7:12 am

Compound #37: Carbon tetrachloride



Original Peak Response = 12866



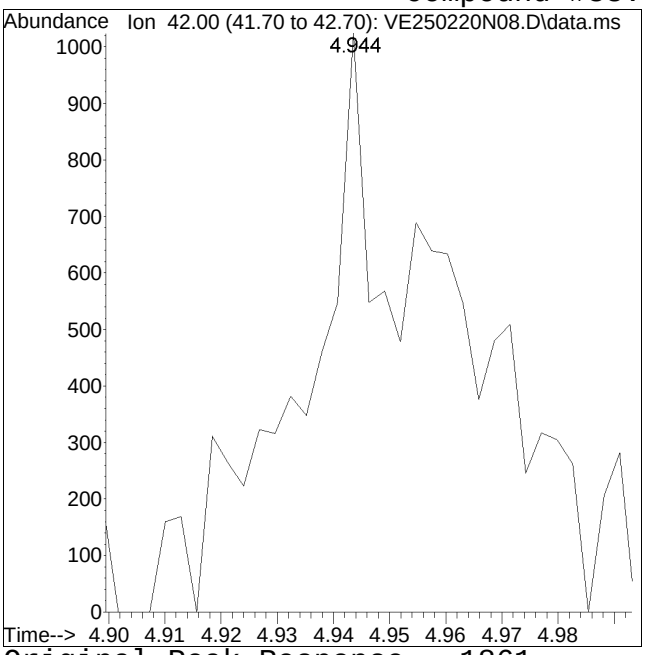
Manual Peak Response = 11949 M6

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

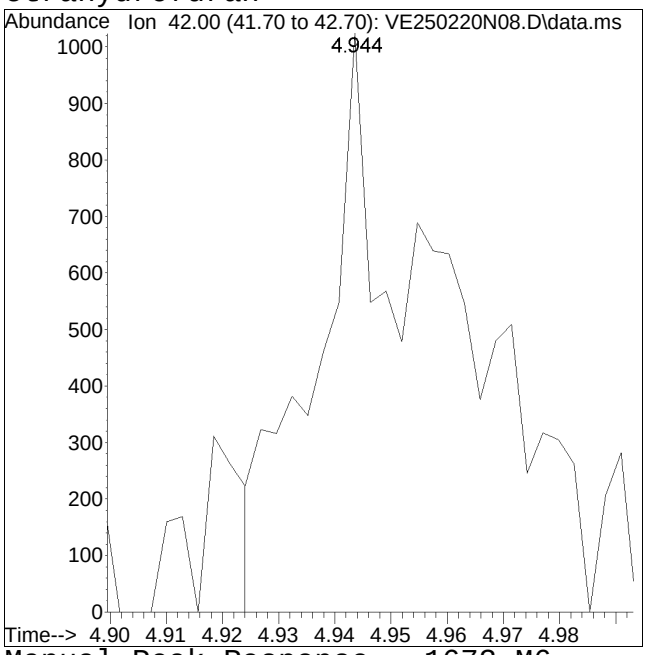
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N08.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 1:22 am Instrument : Elaine
Sample : I8260STD2PPB Quant Date : 2/24/2025 7:12 am

Compound #38: Tetrahydrofuran



Original Peak Response = 1861



Manual Peak Response = 1673 M6

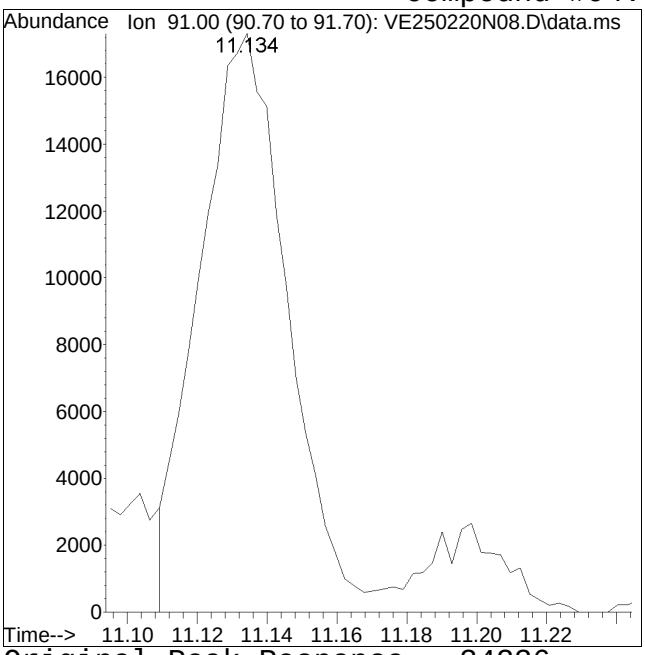
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

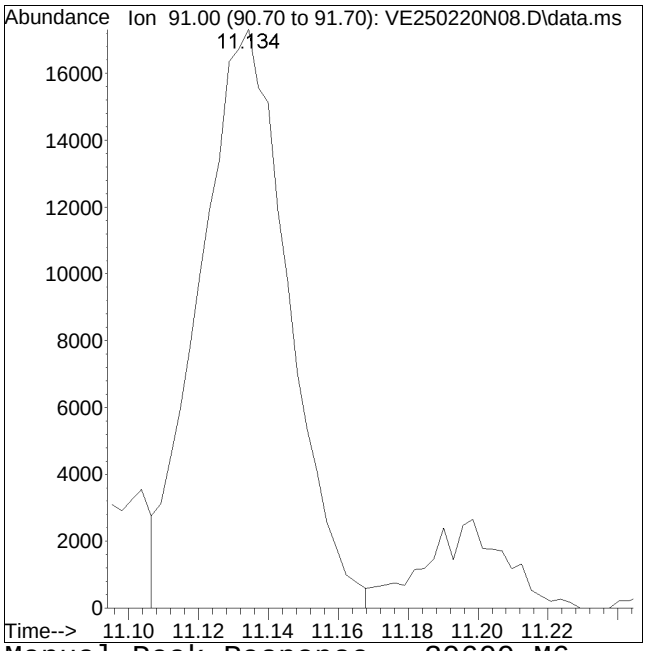
Data Path : K:\Elaine\2025\250220NICALQ
Data File : VE250220N08.D
Date Inj'd : 2/21/2025 1:22 am
Sample : I8260STD2PPB

Method : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 2/24/2025 7:12 am

Compound #94: 2-Chlorotoluene



Original Peak Response = 34236



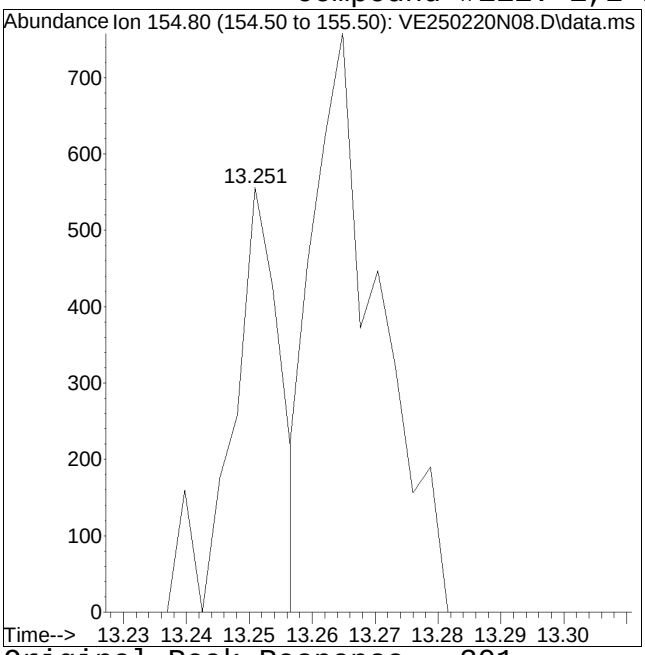
Manual Peak Response = 30600 M6

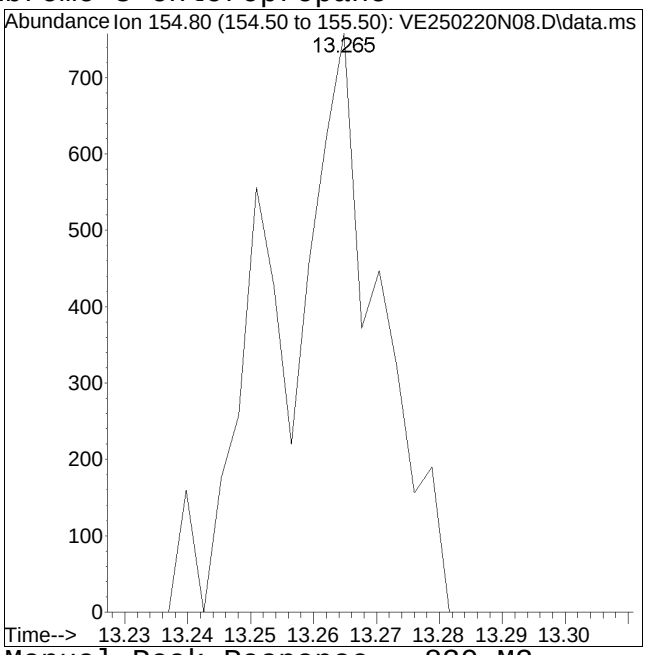
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N08.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 1:22 am Instrument : Elaine
Sample : I8260STD2PPB Quant Date : 2/24/2025 7:12 am

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





Original Peak Response = 301 Manual Peak Response = 830 M3

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

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N10.D
Acq On : 21 Feb 2025 2:10 am
Operator : ELAINE:PID
Sample : I8260STD10PPB
Misc : WG2033412,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 24 07:12:33 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.777	96	193689	10.000	ug/L	0.00
Standard Area 1 = 193689			Recovery = 100.00%			
63) Chlorobenzene-d5	9.283	117	149882	10.000	ug/L	0.00
Standard Area 1 = 149882			Recovery = 100.00%			
84) 1,4-Dichlorobenzene-d4	12.035	152	78717	10.000	ug/L	0.00
Standard Area 1 = 78717			Recovery = 100.00%			
System Monitoring Compounds						
39) Dibromofluoromethane	4.980	113	54617	10.332	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.32%			
47) 1,2-Dichloroethane-d4	5.496	65	57838	10.336	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.36%			
64) Toluene-d8	7.450	98	202753	10.224	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.24%			
88) 4-Bromofluorobenzene	10.802	95	67307	10.684	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.522	85	58044	11.647	ug/L	100
3) Chloromethane	1.703	50	50871	11.323	ug/L	100
4) Vinyl chloride	1.770	62	64901	11.124	ug/L	100
5) Bromomethane	2.066	94	56017	10.877	ug/L	100
6) Chloroethane	2.180	64	50713	11.353	ug/L	100
7) Trichlorofluoromethane	2.314	101	114256	11.359	ug/L	100
8) Ethyl ether	2.595	74	32957	10.998	ug/L	100
10) 1,1-Dichloroethene	2.777	96	60110	11.048	ug/L	100
11) Carbon disulfide	2.802	76	164866	10.751	ug/L	100
12) Freon-113	2.807	101	55013	11.338	ug/L	100
13) Iodomethane	2.908	142	56626	10.692	ug/L	100
14) Acrolein	3.083	56	4190	9.648	ug/L	100
15) Methylene chloride	3.309	84	48133	10.553	ug/L	100
17) Acetone	3.348	43	7430M6	9.588	ug/L	
18) trans-1,2-Dichloroethene	3.463	96	46622	10.929	ug/L	100
19) Methyl acetate	3.463	43	20443M6	10.580	ug/L	
21) Methyl tert-butyl ether	3.549	73	100451	9.985	ug/L #	100
22) tert-Butyl alcohol	3.641	59	9767	53.328	ug/L #	100
24) Diisopropyl ether	3.906	45	112826	10.198	ug/L	100
25) 1,1-Dichloroethane	4.029	63	85391	10.831	ug/L	100
26) Halothane	4.079	117	35270	11.182	ug/L	100

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N10.D
Acq On : 21 Feb 2025 2:10 am
Operator : ELAINE:PID
Sample : I8260STD10PPB
Misc : WG2033412,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 24 07:12:33 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) Acrylonitrile	4.068	53	10742	10.876	ug/L		100
28) Ethyl tert-butyl ether	4.252	59	105376	9.820	ug/L		100
29) Vinyl acetate	4.255	43	73968	9.441	ug/L		100
30) cis-1,2-Dichloroethene	4.539	96	54077	10.877	ug/L		100
31) 2,2-Dichloropropane	4.637	77	69566	10.643	ug/L	#	100
33) Bromochloromethane	4.726	128	24658	10.871	ug/L		100
34) Cyclohexane	4.734	56	83009	11.324	ug/L		100
35) Chloroform	4.801	83	84572	10.831	ug/L		100
36) Ethyl acetate	4.902	43	25278	9.829	ug/L		100
37) Carbon tetrachloride	4.930	117	64057M6	11.086	ug/L		
38) Tetrahydrofuran	4.949	42	8818M6	10.867	ug/L		
40) 1,1,1-Trichloroethane	4.994	97	72348	11.265	ug/L		100
42) 2-Butanone	5.089	43	10728	9.936	ug/L		100
43) 1,1-Dichloropropene	5.116	75	55003	10.540	ug/L		100
45) Benzene	5.359	78	175231	10.193	ug/L		100
46) tert-Amyl methyl ether	5.471	73	100419	9.890	ug/L		100
48) 1,2-Dichloroethane	5.560	62	57947	10.673	ug/L		100
51) Methyl cyclohexane	5.939	83	80386	10.528	ug/L		100
52) Trichloroethene	5.947	95	43985	10.543	ug/L		100
54) Dibromomethane	6.388	93	27652	10.594	ug/L		100
55) 1,2-Dichloropropane	6.486	63	43479	10.748	ug/L		100
57) 2-Chloroethyl vinyl ether	7.183	63	17143	10.128	ug/L		100
58) Bromodichloromethane	6.558	83	60922	10.480	ug/L		100
61) 1,4-Dioxane	6.767	88	11476	550.638	ug/L		100
62) cis-1,3-Dichloropropene	7.241	75	66017	10.490	ug/L		100
65) Toluene	7.506	92	118730	10.592	ug/L		100
66) 4-Methyl-2-pentanone	7.939	58	9412	9.845	ug/L		100
67) Tetrachloroethene	7.952	166	45236	10.490	ug/L		100
69) trans-1,3-Dichloropropene	7.994	75	54289	10.016	ug/L		100
71) Ethyl methacrylate	8.181	69	41795	10.918	ug/L		100
72) 1,1,2-Trichloroethane	8.173	83	28032	9.959	ug/L		100
73) Chlorodibromomethane	8.382	129	37963	9.691	ug/L		100
74) 1,3-Dichloropropane	8.493	76	59386	10.207	ug/L		100
75) 1,2-Dibromoethane	8.655	107	33291	10.333	ug/L		100
77) 2-Hexanone	8.945	43	16305	10.707	ug/L		100
78) Chlorobenzene	9.302	112	132309	10.376	ug/L		100
79) Ethylbenzene	9.344	91	231940	10.336	ug/L		100
80) 1,1,1,2-Tetrachloroethane	9.386	131	38733	9.744	ug/L		100
81) p/m Xylene	9.531	106	178778	19.473	ug/L		100
82) o Xylene	10.075	106	175705	19.227	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N10.D
Acq On : 21 Feb 2025 2:10 am
Operator : ELAINE:PID
Sample : I8260STD10PPB
Misc : WG2033412,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 24 07:12:33 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Styrene	10.147	104	292059	18.762	ug/L	100
85) Bromoform	10.172	173	20681	9.697	ug/L	100
87) Isopropylbenzene	10.473	105	232805	10.722	ug/L	100
89) Bromobenzene	10.917	156	52318	10.802	ug/L	100
90) n-Propylbenzene	10.964	91	279283	10.671	ug/L	100
91) 1,4-Dichlorobutane	10.981	55	53152	11.118	ug/L	100
92) 1,1,2,2-Tetrachloroethane	11.062	83	41053	11.132	ug/L	100
93) 4-Ethyltoluene	11.095	105	234606	10.844	ug/L	100
94) 2-Chlorotoluene	11.132	91	158053M3	10.641	ug/L	
95) 1,3,5-Trimethylbenzene	11.196	105	201337	10.441	ug/L	100
96) 1,2,3-Trichloropropane	11.196	75	34097	10.928	ug/L	100
97) trans-1,4-Dichloro-2-b...	11.257	53	10994	10.358	ug/L	100
98) 4-Chlorotoluene	11.318	91	163200	10.589	ug/L	100
99) tert-Butylbenzene	11.541	119	169080	10.521	ug/L	100
102) 1,2,4-Trimethylbenzene	11.620	105	197057	10.439	ug/L	100
103) sec-Butylbenzene	11.734	105	256516	10.527	ug/L	100
104) p-Isopropyltoluene	11.890	119	221227	10.355	ug/L	100
105) 1,3-Dichlorobenzene	11.951	146	107400	10.189	ug/L	100
106) 1,4-Dichlorobenzene	12.049	146	108765	10.371	ug/L	100
107) p-Diethylbenzene	12.269	119	131858	10.412	ug/L	100
108) n-Butylbenzene	12.328	91	191547	10.452	ug/L	100
109) 1,2-Dichlorobenzene	12.473	146	102401	10.342	ug/L	100
110) 1,2,4,5-Tetramethylben...	13.070	119	199183	9.970	ug/L	100
111) 1,2-Dibromo-3-chloropr...	13.256	155	5844	11.371	ug/L	100
112) 1,3,5-Trichlorobenzene	13.293	180	72734	10.030	ug/L	100
113) Hexachlorobutadiene	13.870	225	20898	10.941	ug/L	100
114) 1,2,4-Trichlorobenzene	13.895	180	64569	10.342	ug/L	100
115) Naphthalene	14.185	128	154699	10.414	ug/L	100
116) 1,2,3-Trichlorobenzene	14.355	180	58463	10.213	ug/L	100

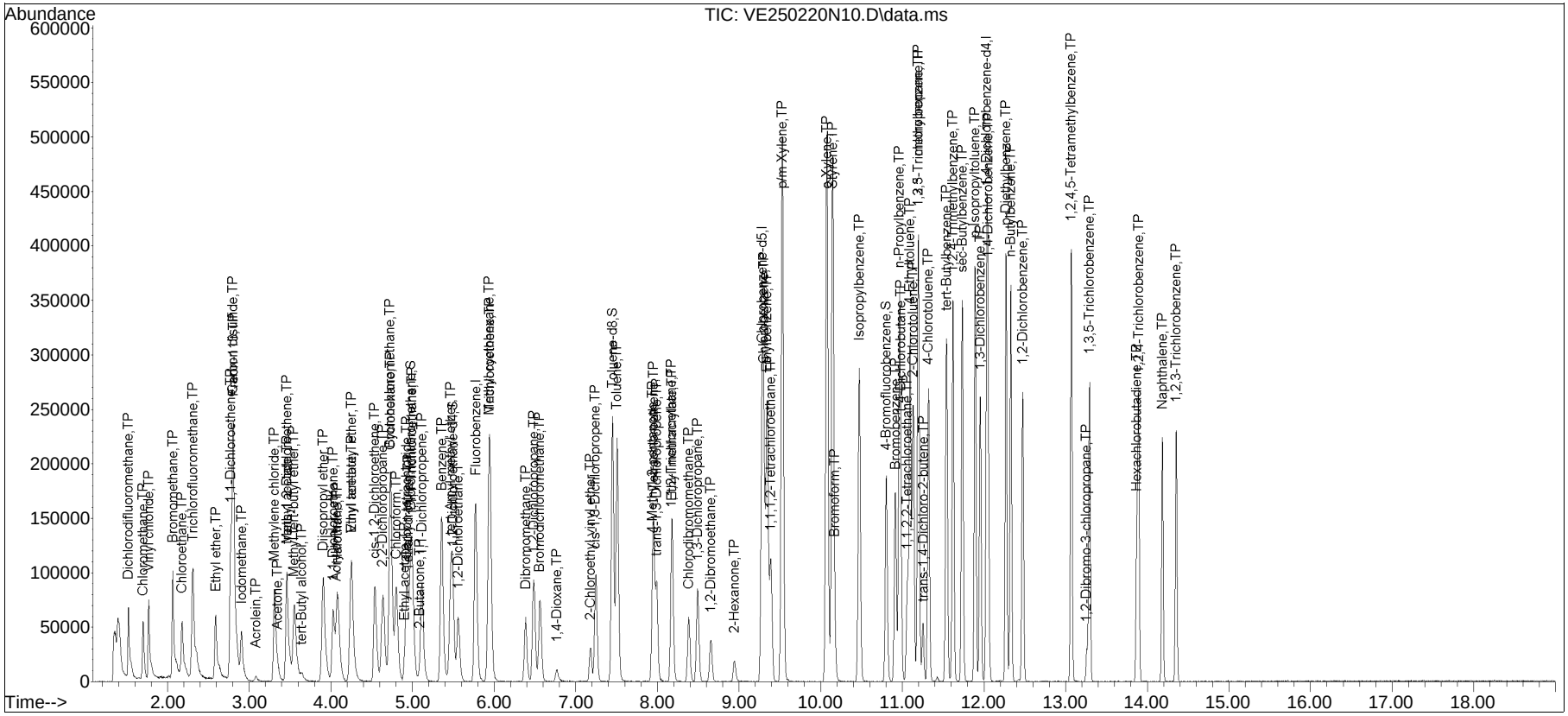
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N10.D
Acq On : 21 Feb 2025 2:10 am
Operator : ELAINE:PID
Sample : I8260STD10PPB
Misc : WG2033412,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 24 07:12:33 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox\VE250220N10.D•

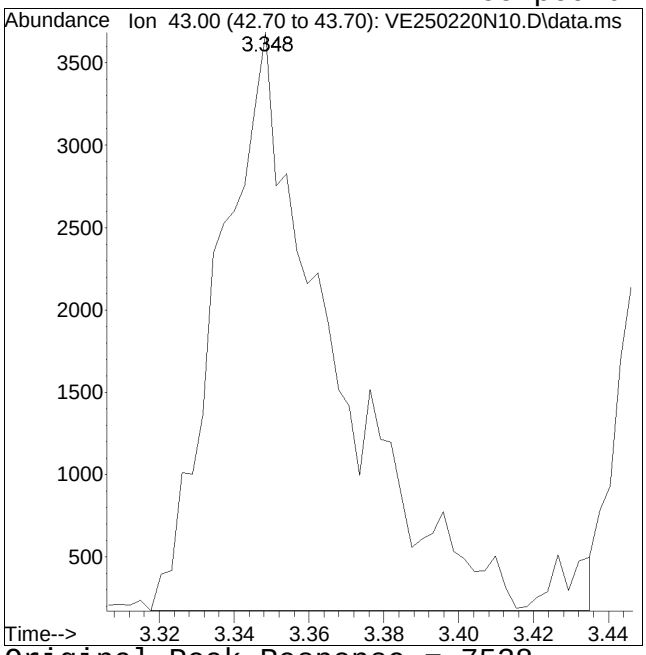


Manual Integration Report

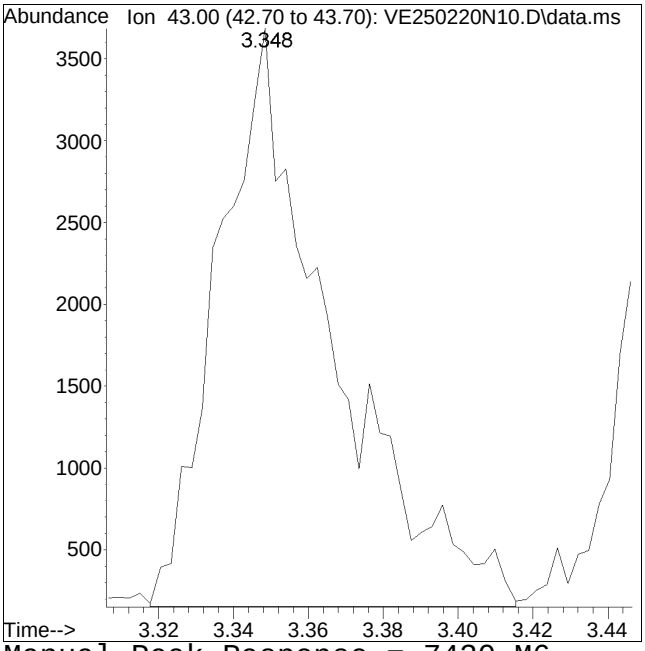
Data Path : K:\Elaine\2025\250220NICALQ
Data File : VE250220N10.D
Date Inj'd : 2/21/2025 2:10 am
Sample : I8260STD10PPB

Method : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 2/24/2025 7:12 am

Compound #17: Acetone



Original Peak Response = 7538



Manual Peak Response = 7430 M6

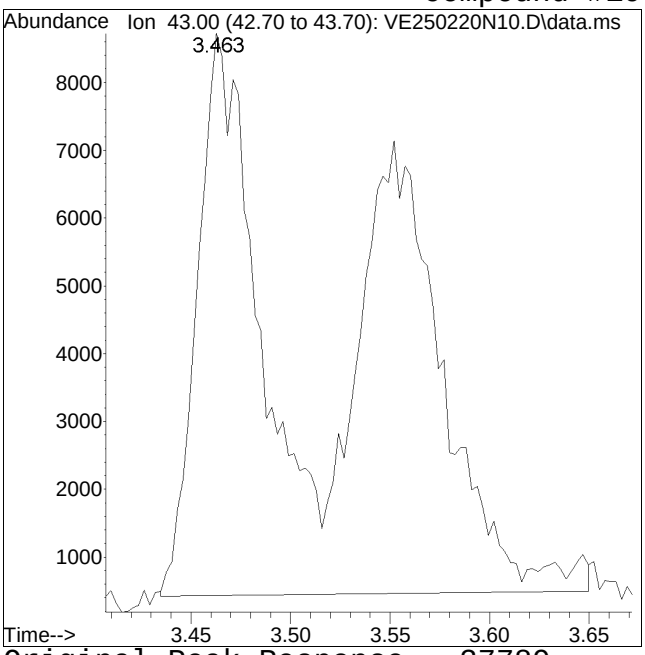
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

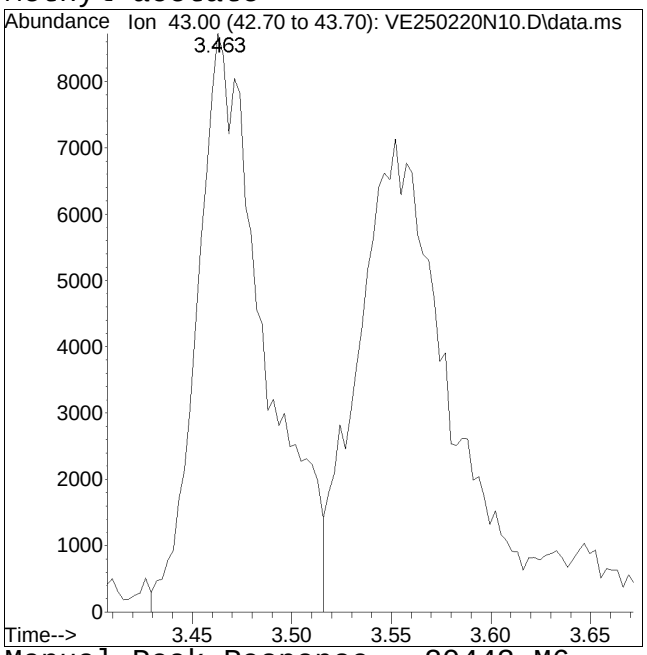
Data Path : K:\Elaine\2025\250220NICALQ
Data File : VE250220N10.D
Date Inj'd : 2/21/2025 2:10 am
Sample : I8260STD10PPB

Method : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 2/24/2025 7:12 am

Compound #19: Methyl acetate



Original Peak Response = 37789



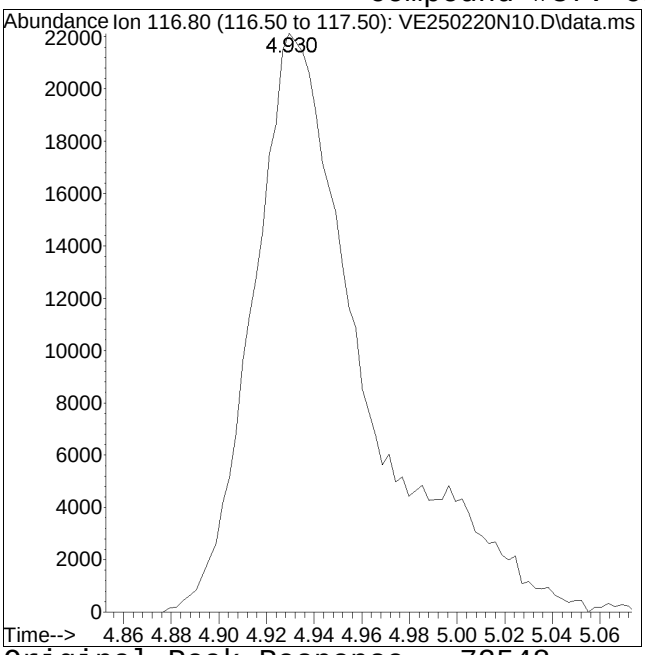
Manual Peak Response = 20443 M6

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

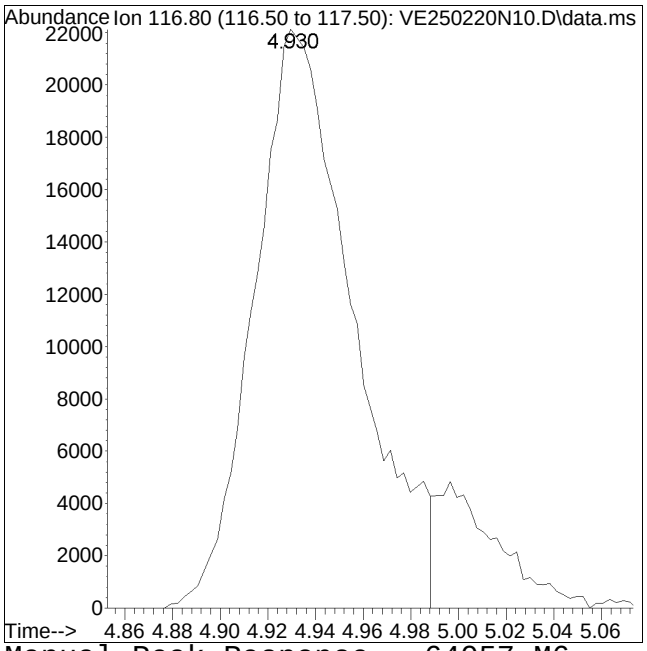
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N10.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 2:10 am Instrument : Elaine
Sample : I8260STD10PPB Quant Date : 2/24/2025 7:12 am

Compound #37: Carbon tetrachloride



Original Peak Response = 72548



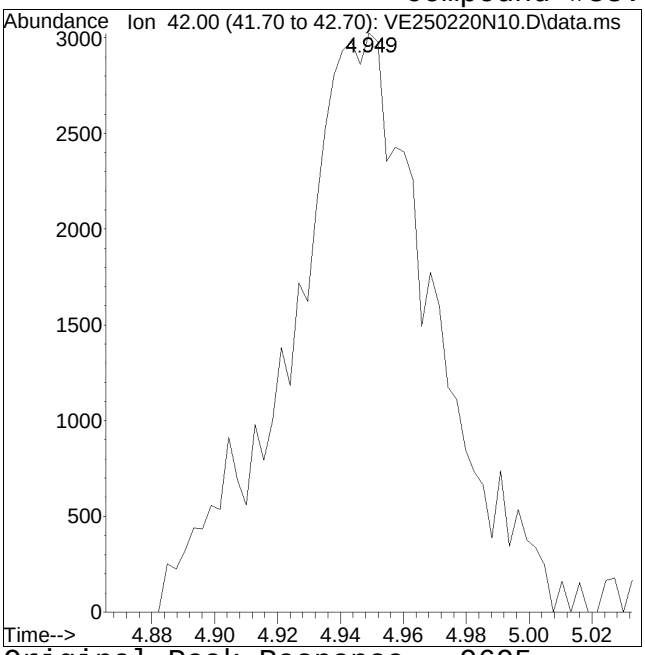
Manual Peak Response = 64057 M6

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

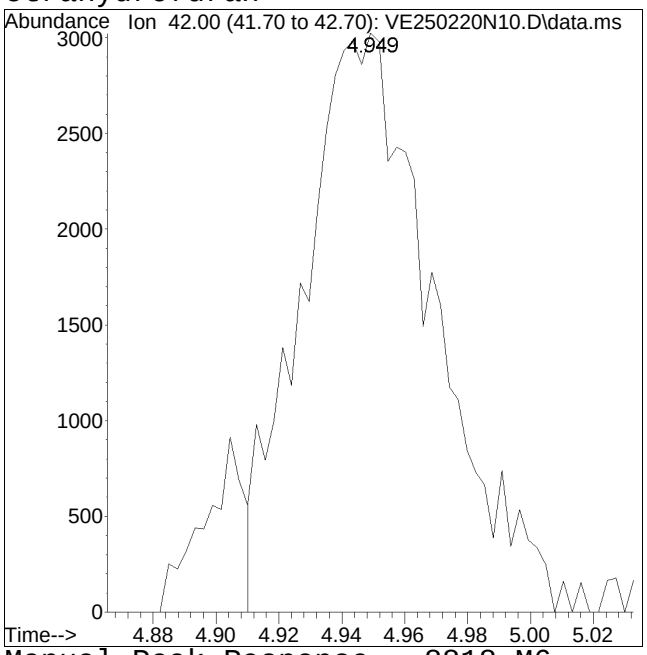
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N10.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 2:10 am Instrument : Elaine
Sample : I8260STD10PPB Quant Date : 2/24/2025 7:12 am

Compound #38: Tetrahydrofuran



Original Peak Response = 9695



Manual Peak Response = 8818 M6

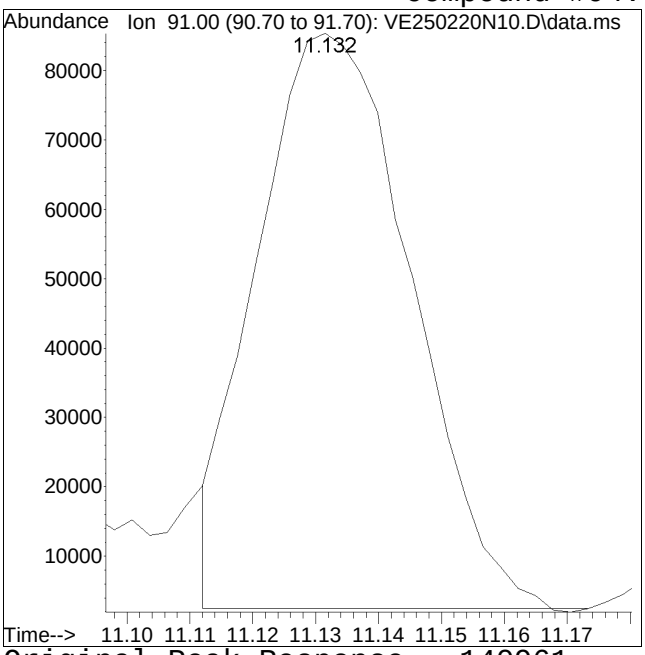
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

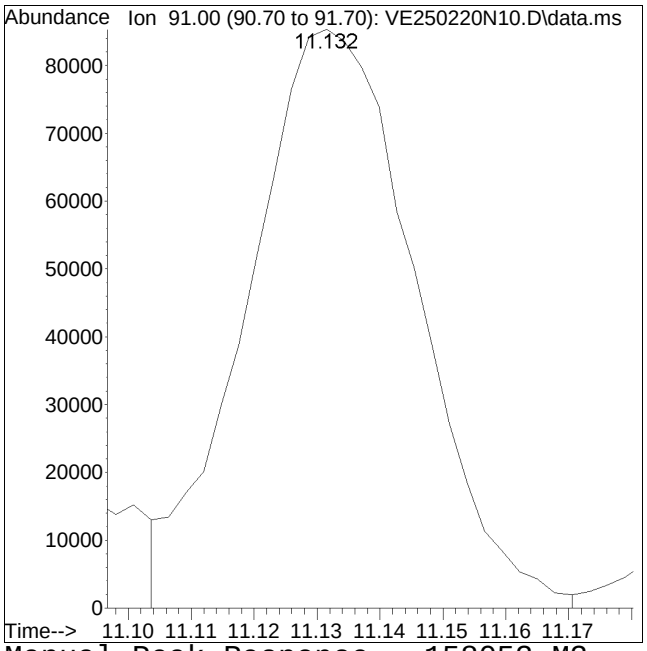
Data Path : K:\Elaine\2025\250220NICALQ
Data File : VE250220N10.D
Date Inj'd : 2/21/2025 2:10 am
Sample : I8260STD10PPB

Method : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 2/24/2025 7:12 am

Compound #94: 2-Chlorotoluene



Original Peak Response = 140961



Manual Peak Response = 158053 M3

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

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N11.D
Acq On : 21 Feb 2025 2:34 am
Operator : ELAINE:PID
Sample : I8260STD30PPB
Misc : WG2033412,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 24 07:12:42 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.772	96	205683	10.000 ug/L	0.00
Standard Area 1 = 193689			Recovery = 106.19%		
63) Chlorobenzene-d5	9.283	117	152596	10.000 ug/L	0.00
Standard Area 1 = 149882			Recovery = 101.81%		
84) 1,4-Dichlorobenzene-d4	12.035	152	85348	10.000 ug/L	0.00
Standard Area 1 = 78717			Recovery = 108.42%		
System Monitoring Compounds					
39) Dibromofluoromethane	4.977	113	54802	9.763 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.63%		
47) 1,2-Dichloroethane-d4	5.493	65	59343M6	9.987 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.87%		
64) Toluene-d8	7.453	98	203220	10.066 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.66%		
88) 4-Bromofluorobenzene	10.805	95	69916	10.236 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.36%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.522	85	172447	32.586 ug/L	100
3) Chloromethane	1.703	50	146407	30.688 ug/L	99
4) Vinyl chloride	1.770	62	193115	31.170 ug/L	99
5) Bromomethane	2.066	94	165495	30.262 ug/L	98
6) Chloroethane	2.177	64	146196	30.820 ug/L	99
7) Trichlorofluoromethane	2.308	101	333045	31.180 ug/L	99
8) Ethyl ether	2.593	74	99939	31.404 ug/L	99
10) 1,1-Dichloroethene	2.774	96	183362	31.737 ug/L	100
11) Carbon disulfide	2.805	76	534438	32.819 ug/L	100
12) Freon-113	2.813	101	183553	35.624 ug/L	100
13) Iodomethane	2.908	142	174536	31.035 ug/L	99
14) Acrolein	3.083	56	13880	30.096 ug/L	90
15) Methylene chloride	3.309	84	141680	29.252 ug/L	98
17) Acetone	3.348	43	25167	30.584 ug/L	96
18) trans-1,2-Dichloroethene	3.457	96	137019	30.245 ug/L	99
19) Methyl acetate	3.463	43	59767M6	29.129 ug/L	
21) Methyl tert-butyl ether	3.555	73	332807	31.154 ug/L #	98
22) tert-Butyl alcohol	3.644	59	30910	158.929 ug/L #	100
24) Diisopropyl ether	3.906	45	355170	30.231 ug/L	99
25) 1,1-Dichloroethane	4.029	63	254590	30.410 ug/L	99

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N11.D
Acq On : 21 Feb 2025 2:34 am
Operator : ELAINE:PID
Sample : I8260STD30PPB
Misc : WG2033412,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 24 07:12:42 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Halothane	4.085	117	106219	31.712	ug/L		100
27) Acrylonitrile	4.071	53	31485	30.020	ug/L		98
28) Ethyl tert-butyl ether	4.249	59	342240	30.033	ug/L		97
29) Vinyl acetate	4.255	43	255938	30.761	ug/L		99
30) cis-1,2-Dichloroethene	4.539	96	159554	30.220	ug/L		99
31) 2,2-Dichloropropane	4.637	77	216998	31.262	ug/L	#	80
33) Bromochloromethane	4.726	128	72038	29.908	ug/L		98
34) Cyclohexane	4.732	56	253012	32.502	ug/L		97
35) Chloroform	4.804	83	249401	30.077	ug/L		99
36) Ethyl acetate	4.904	43	84380	30.896	ug/L		98
37) Carbon tetrachloride	4.935	117	200913M6	32.742	ug/L		
38) Tetrahydrofuran	4.943	42	25921M6	30.081	ug/L		
40) 1,1,1-Trichloroethane	4.999	97	219632	32.203	ug/L		98
42) 2-Butanone	5.080	43	36068	31.456	ug/L		92
43) 1,1-Dichloropropene	5.114	75	179010	32.304	ug/L		99
45) Benzene	5.359	78	559064	30.624	ug/L		99
46) tert-Amyl methyl ether	5.468	73	319023	29.587	ug/L		98
48) 1,2-Dichloroethane	5.560	62	172477	29.914	ug/L		100
51) Methyl cyclohexane	5.936	83	253699	31.288	ug/L		98
52) Trichloroethene	5.947	95	143818	32.464	ug/L		99
54) Dibromomethane	6.385	93	83191	30.014	ug/L		100
55) 1,2-Dichloropropane	6.486	63	138036	32.134	ug/L		99
57) 2-Chloroethyl vinyl ether	7.180	63	57444	31.957	ug/L		99
58) Bromodichloromethane	6.564	83	196051	31.758	ug/L		99
61) 1,4-Dioxane	6.764	88	15591	704.460	ug/L		99
62) cis-1,3-Dichloropropene	7.247	75	226553	33.900	ug/L		98
65) Toluene	7.506	92	346279	30.342	ug/L		97
66) 4-Methyl-2-pentanone	7.941	58	29821	30.639	ug/L		98
67) Tetrachloroethene	7.952	166	137347	31.284	ug/L		99
69) trans-1,3-Dichloropropene	7.989	75	184993	33.523	ug/L		100
71) Ethyl methacrylate	8.181	69	127411	32.693	ug/L		97
72) 1,1,2-Trichloroethane	8.173	83	88874	31.014	ug/L		98
73) Chlorodibromomethane	8.385	129	128030	32.101	ug/L		99
74) 1,3-Dichloropropane	8.496	76	188564	31.832	ug/L		100
75) 1,2-Dibromoethane	8.650	107	104979	32.004	ug/L		97
77) 2-Hexanone	8.940	43	51491	33.212	ug/L		99
78) Chlorobenzene	9.305	112	395089	30.432	ug/L		99
79) Ethylbenzene	9.344	91	716458	31.359	ug/L		100
80) 1,1,1,2-Tetrachloroethane	9.386	131	125073	30.903	ug/L		100
81) p/m Xylene	9.531	106	563660	60.304	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N11.D
Acq On : 21 Feb 2025 2:34 am
Operator : ELAINE:PID
Sample : I8260STD30PPB
Misc : WG2033412,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 24 07:12:42 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) o Xylene	10.075	106	555358	59.690	ug/L	100
83) Styrene	10.147	104	955496	60.290	ug/L	100
85) Bromoform	10.167	173	73152	31.634	ug/L	96
87) Isopropylbenzene	10.473	105	751644	31.927	ug/L	100
89) Bromobenzene	10.917	156	162571	30.957	ug/L	100
90) n-Propylbenzene	10.967	91	895574	31.561	ug/L	100
91) 1,4-Dichlorobutane	10.978	55	160505	30.965	ug/L	97
92) 1,1,2,2-Tetrachloroethane	11.062	83	128005	32.012	ug/L	98
93) 4-Ethyltoluene	11.095	105	743412	31.691	ug/L	99
94) 2-Chlorotoluene	11.131	91	520115M6	32.297	ug/L	
95) 1,3,5-Trimethylbenzene	11.196	105	654779	31.318	ug/L	99
96) 1,2,3-Trichloropropane	11.193	75	102523M6	30.304	ug/L	
97) trans-1,4-Dichloro-2-b...	11.249	53	36259M6	31.508	ug/L	
98) 4-Chlorotoluene	11.321	91	515948	30.876	ug/L	100
99) tert-Butylbenzene	11.541	119	547761	31.436	ug/L	99
102) 1,2,4-Trimethylbenzene	11.619	105	649332	31.725	ug/L	98
103) sec-Butylbenzene	11.734	105	841185	31.839	ug/L	99
104) p-Isopropyltoluene	11.893	119	730542	31.537	ug/L	100
105) 1,3-Dichlorobenzene	11.957	146	345999	30.276	ug/L	99
106) 1,4-Dichlorobenzene	12.049	146	346972	30.514	ug/L	99
107) p-Diethylbenzene	12.272	119	439353	31.998	ug/L	99
108) n-Butylbenzene	12.328	91	649851	32.705	ug/L	99
109) 1,2-Dichlorobenzene	12.476	146	323248	30.110	ug/L	99
110) 1,2,4,5-Tetramethylben...	13.070	119	665104	30.706	ug/L	100
111) 1,2-Dibromo-3-chloropr...	13.262	155	19507	35.007	ug/L	95
112) 1,3,5-Trichlorobenzene	13.293	180	241520	30.717	ug/L	100
113) Hexachlorobutadiene	13.873	225	67882	32.779	ug/L	98
114) 1,2,4-Trichlorobenzene	13.892	180	208232	30.761	ug/L	98
115) Naphthalene	14.185	128	497091	30.862	ug/L	100
116) 1,2,3-Trichlorobenzene	14.355	180	188075	30.301	ug/L	99

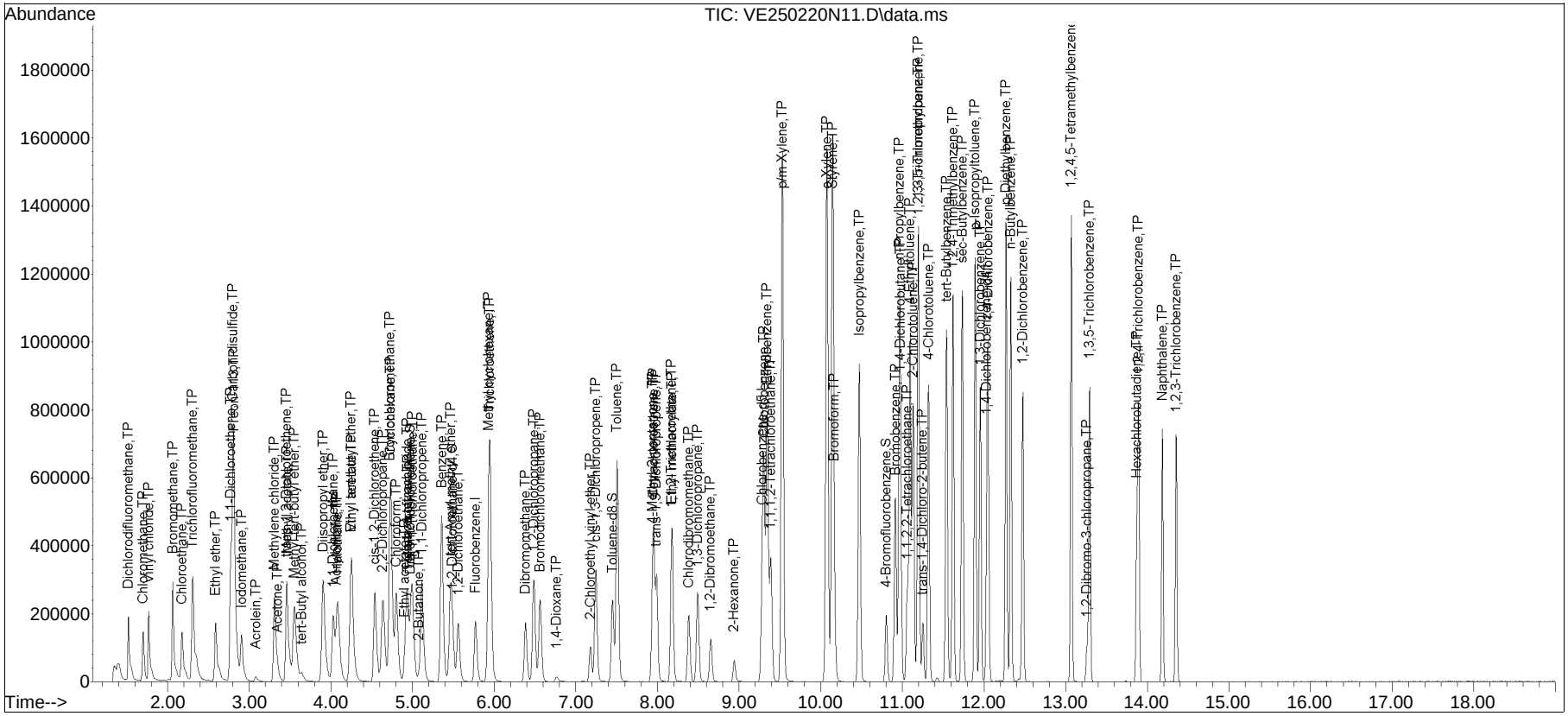
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N11.D
Acq On : 21 Feb 2025 2:34 am
Operator : ELAINE:PID
Sample : I8260STD30PPB
Misc : WG2033412,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 24 07:12:42 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

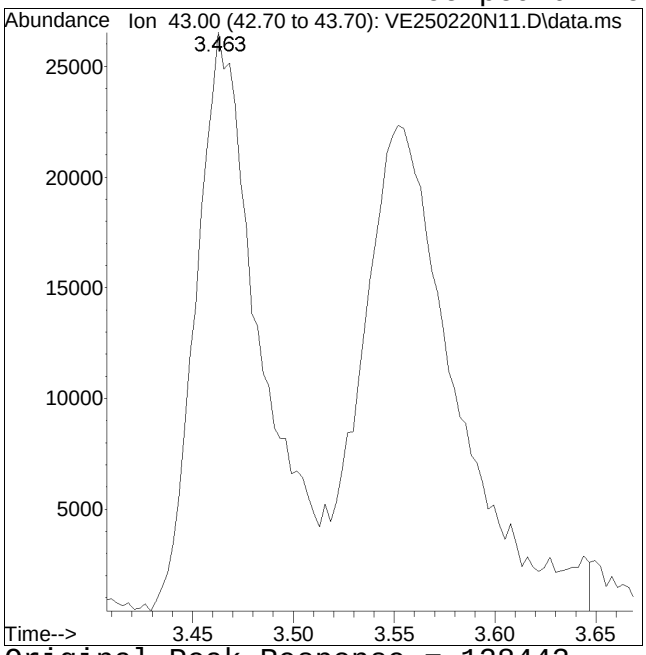
Sub List : 8260-Curve - Megamix plus Diox\VE250220N10.D•



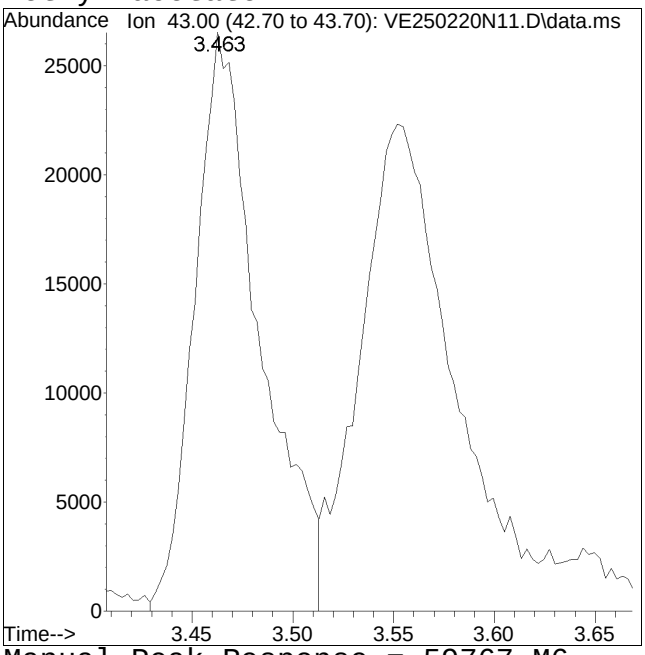
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N11.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 2:34 am Instrument : Elaine
Sample : I8260STD30PPB Quant Date : 2/24/2025 7:12 am

Compound #19: Methyl acetate



Original Peak Response = 128442



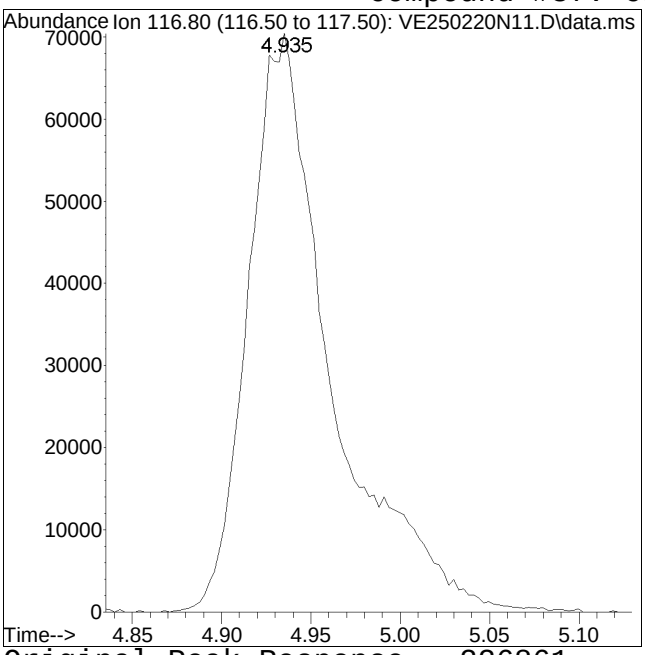
Manual Peak Response = 59767 M6

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

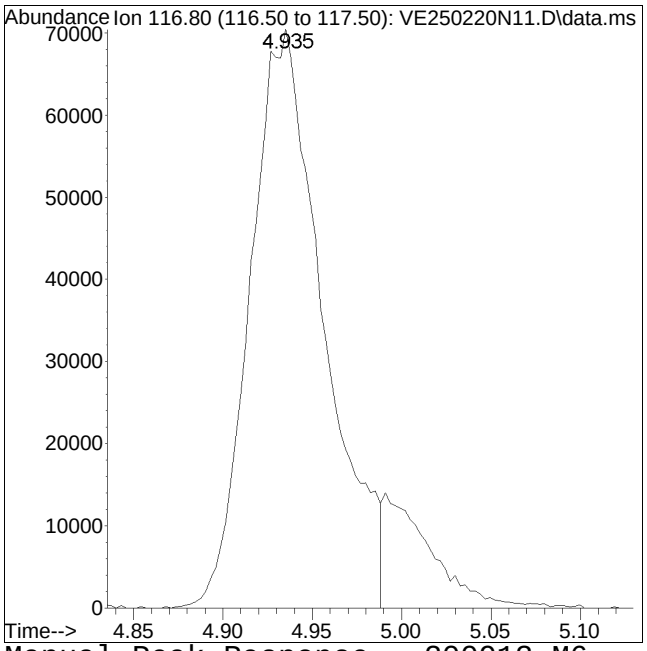
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N11.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 2:34 am Instrument : Elaine
Sample : I8260STD30PPB Quant Date : 2/24/2025 7:12 am

Compound #37: Carbon tetrachloride



Original Peak Response = 226861



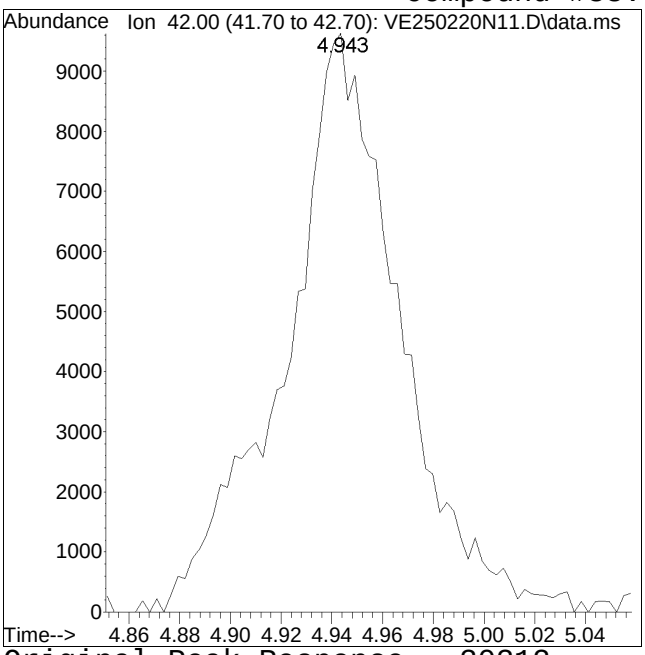
Manual Peak Response = 200913 M6

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

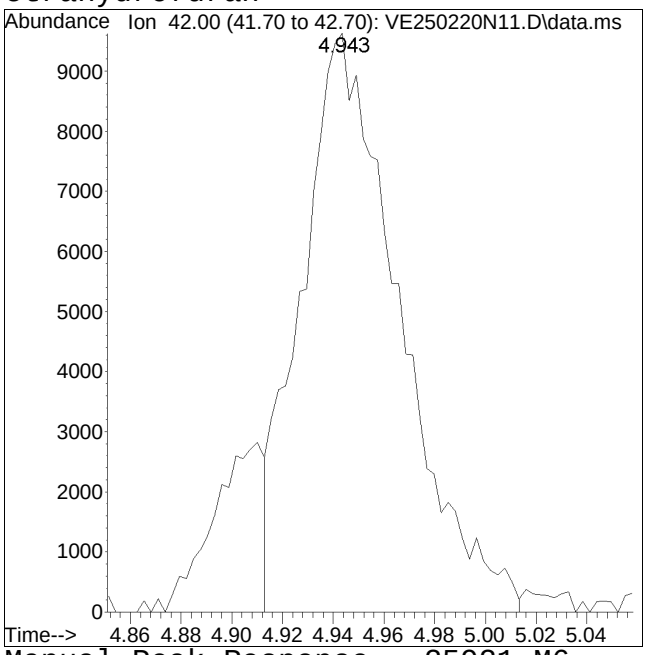
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N11.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 2:34 am Instrument : Elaine
Sample : I8260STD30PPB Quant Date : 2/24/2025 7:12 am

Compound #38: Tetrahydrofuran



Original Peak Response = 30312



Manual Peak Response = 25921 M6

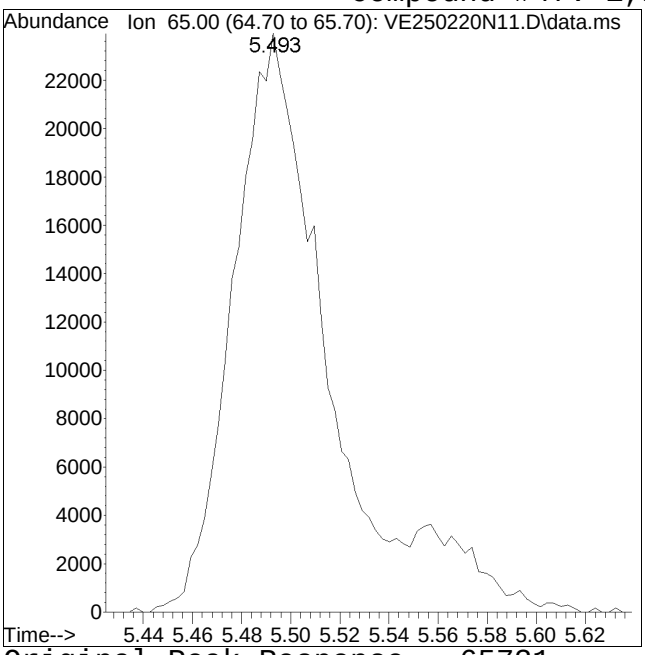
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

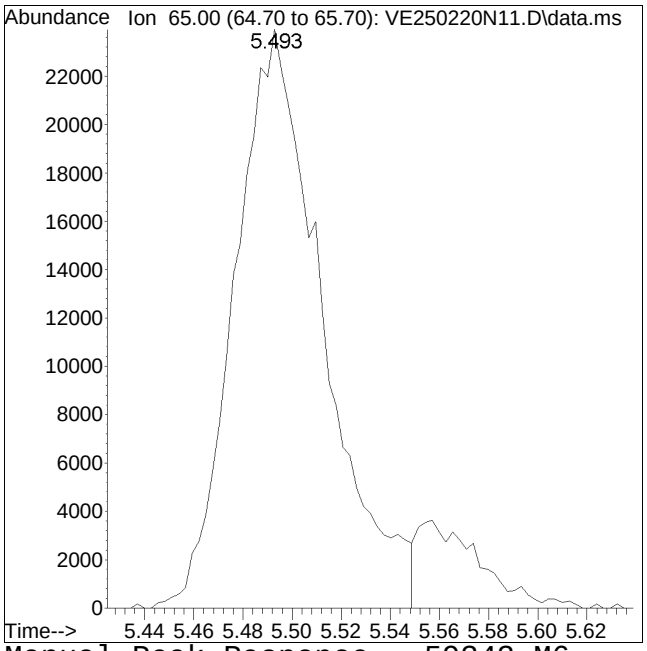
Data Path : K:\Elaine\2025\250220NICALQ
Data File : VE250220N11.D
Date Inj'd : 2/21/2025 2:34 am
Sample : I8260STD30PPB

Method : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 2/24/2025 7:12 am

Compound #47: 1,2-Dichloroethane-d4



Original Peak Response = 65731



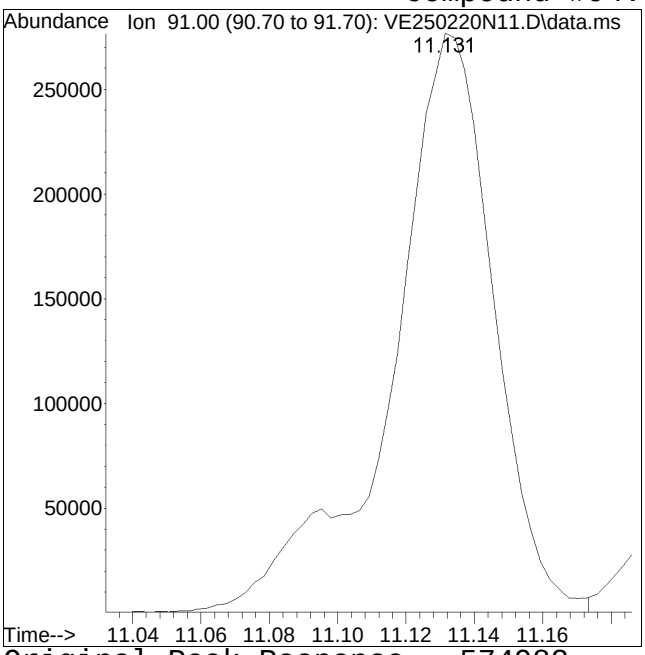
Manual Peak Response = 59343 M6

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

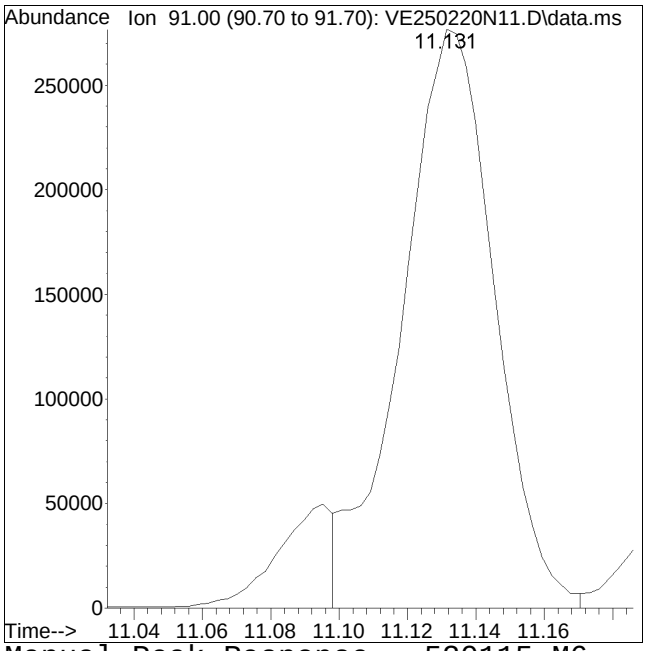
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N11.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 2:34 am Instrument : Elaine
Sample : I8260STD30PPB Quant Date : 2/24/2025 7:12 am

Compound #94: 2-Chlorotoluene



Original Peak Response = 574982



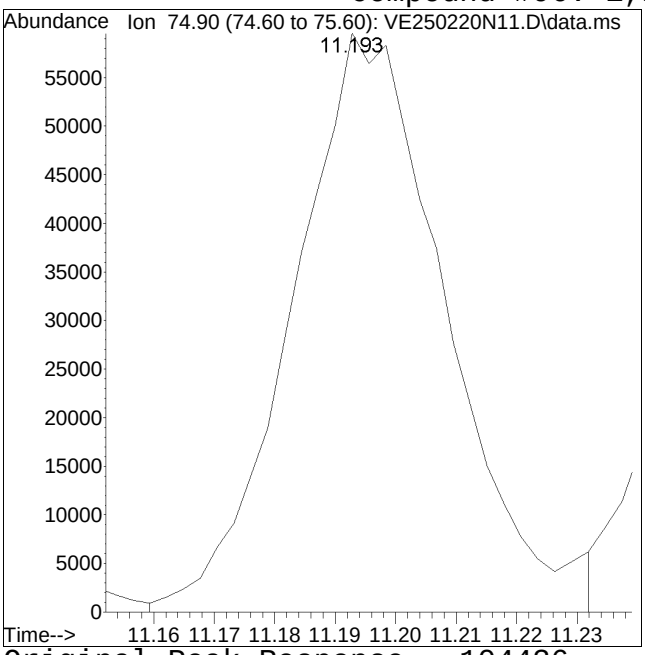
Manual Peak Response = 520115 M6

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

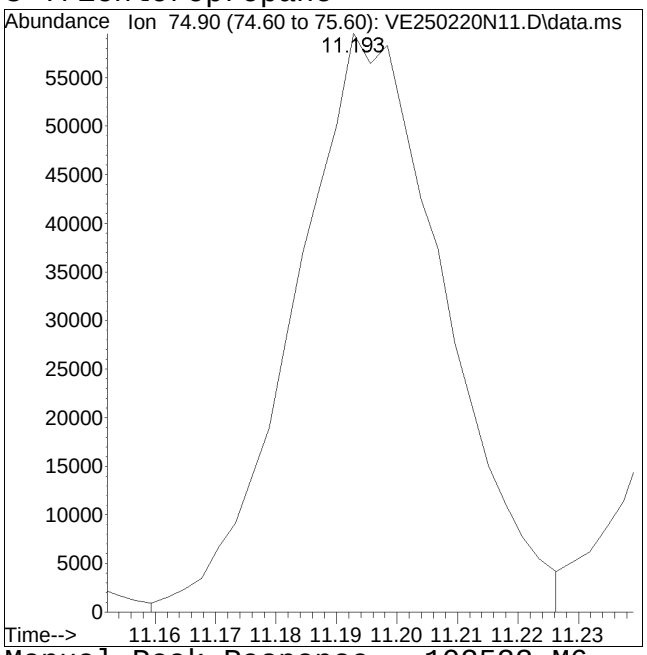
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N11.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 2:34 am Instrument : Elaine
Sample : I8260STD30PPB Quant Date : 2/24/2025 7:12 am

Compound #96: 1,2,3-Trichloropropane



Original Peak Response = 104436



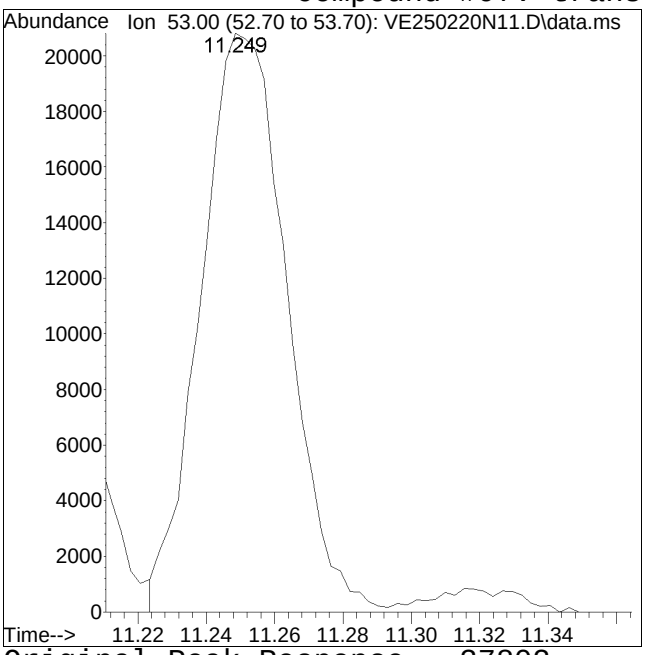
Manual Peak Response = 102523 M6

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

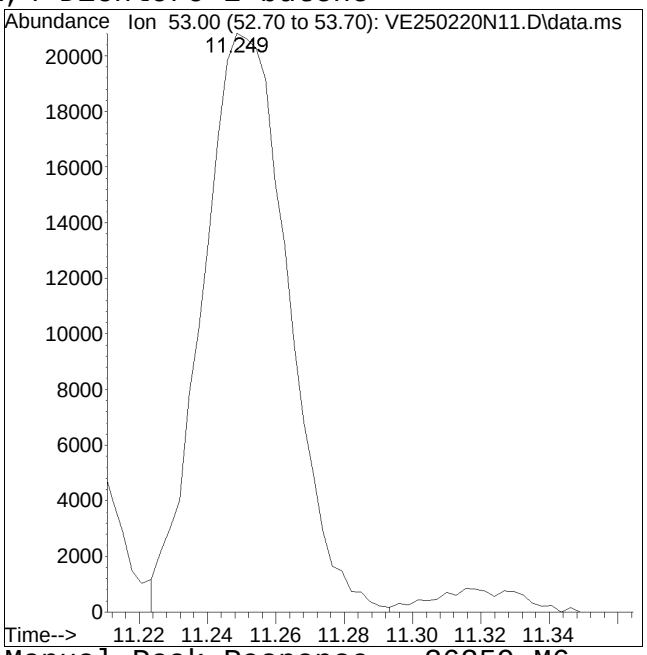
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N11.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 2:34 am Instrument : Elaine
Sample : I8260STD30PPB Quant Date : 2/24/2025 7:12 am

Compound #97: trans-1,4-Dichloro-2-butene



Original Peak Response = 37802



Manual Peak Response = 36259 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N12.D
Acq On : 21 Feb 2025 2:58 am
Operator : ELAINE:PID
Sample : I8260STD80PPB
Misc : WG2033412,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 24 07:12:50 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.772	96	219631	10.000 ug/L	0.00
Standard Area 1 = 193689			Recovery = 113.39%		
63) Chlorobenzene-d5	9.285	117	160640	10.000 ug/L	0.00
Standard Area 1 = 149882			Recovery = 107.18%		
84) 1,4-Dichlorobenzene-d4	12.035	152	96080	10.000 ug/L	0.00
Standard Area 1 = 78717			Recovery = 122.06%		
System Monitoring Compounds					
39) Dibromofluoromethane	4.974	113	55908	9.327 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.27%		
47) 1,2-Dichloroethane-d4	5.490	65	58371M6	9.199 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 91.99%		
64) Toluene-d8	7.450	98	208464	9.808 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.08%		
88) 4-Bromofluorobenzene	10.802	95	73832	9.602 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.02%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.522	85	459713	81.352 ug/L	99
3) Chloromethane	1.700	50	390420	76.637 ug/L	100
4) Vinyl chloride	1.770	62	520515	78.680 ug/L	99
5) Bromomethane	2.066	94	464282	79.505 ug/L	97
6) Chloroethane	2.177	64	401065	79.180 ug/L	99
7) Trichlorofluoromethane	2.308	101	896511	78.603 ug/L	99
8) Ethyl ether	2.590	74	276460	81.356 ug/L	98
10) 1,1-Dichloroethene	2.777	96	493854	80.049 ug/L	99
11) Carbon disulfide	2.802	76	1408390	80.993 ug/L	100
12) Freon-113	2.810	101	467399	84.952 ug/L	100
13) Iodomethane	2.908	142	487739	81.220 ug/L	99
14) Acrolein	3.081	56	39924	81.071 ug/L	89
15) Methylene chloride	3.312	84	390740	75.552 ug/L	98
17) Acetone	3.348	43	69319	78.890 ug/L	98
18) trans-1,2-Dichloroethene	3.460	96	379188	78.386 ug/L	99
19) Methyl acetate	3.465	43	167259M6	76.340 ug/L	
21) Methyl tert-butyl ether	3.557	73	981475	86.041 ug/L #	97
22) tert-Butyl alcohol	3.641	59	89040	428.740 ug/L #	100
24) Diisopropyl ether	3.906	45	1053277	83.959 ug/L	100
25) 1,1-Dichloroethane	4.029	63	687632	76.919 ug/L	99

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N12.D
Acq On : 21 Feb 2025 2:58 am
Operator : ELAINE:PID
Sample : I8260STD80PPB
Misc : WG2033412,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 24 07:12:50 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Halothane	4.087	117	292181	81.692	ug/L		99
27) Acrylonitrile	4.071	53	88019	78.594	ug/L		97
28) Ethyl tert-butyl ether	4.249	59	1047020	86.044	ug/L		98
29) Vinyl acetate	4.257	43	719642	80.999	ug/L		99
30) cis-1,2-Dichloroethene	4.539	96	438374	77.757	ug/L		99
31) 2,2-Dichloropropane	4.639	77	590813	79.711	ug/L	#	80
33) Bromochloromethane	4.729	128	199542	77.584	ug/L		96
34) Cyclohexane	4.731	56	680931	81.919	ug/L		97
35) Chloroform	4.801	83	677816	76.551	ug/L		97
36) Ethyl acetate	4.904	43	245169	84.068	ug/L		99
37) Carbon tetrachloride	4.932	117	552273M6	84.286	ug/L		
38) Tetrahydrofuran	4.938	42	69749M6	75.803	ug/L		
40) 1,1,1-Trichloroethane	4.996	97	589057	80.884	ug/L		99
42) 2-Butanone	5.080	43	103241	84.322	ug/L		91
43) 1,1-Dichloropropene	5.116	75	498082	84.174	ug/L		100
45) Benzene	5.356	78	1595682	81.857	ug/L		99
46) tert-Amyl methyl ether	5.468	73	957903	83.198	ug/L		98
48) 1,2-Dichloroethane	5.560	62	478911	77.787	ug/L		99
51) Methyl cyclohexane	5.942	83	736314	85.041	ug/L		99
52) Trichloroethene	5.950	95	420693	88.932	ug/L		100
54) Dibromomethane	6.385	93	232998	78.724	ug/L		99
55) 1,2-Dichloropropane	6.488	63	391502	85.350	ug/L		99
57) 2-Chloroethyl vinyl ether	7.177	63	175228	91.292	ug/L		98
58) Bromodichloromethane	6.561	83	546401	82.890	ug/L		100
61) 1,4-Dioxane	6.773	88	20059	848.782	ug/L		98
62) cis-1,3-Dichloropropene	7.244	75	659537	92.422	ug/L		99
65) Toluene	7.506	92	976238	81.258	ug/L		99
66) 4-Methyl-2-pentanone	7.938	58	84052	82.033	ug/L		100
67) Tetrachloroethene	7.952	166	385382	83.384	ug/L		99
69) trans-1,3-Dichloropropene	7.991	75	547278	94.208	ug/L		98
71) Ethyl methacrylate	8.181	69	353571	86.181	ug/L		92
72) 1,1,2-Trichloroethane	8.175	83	262401	86.984	ug/L		99
73) Chlorodibromomethane	8.385	129	385511	91.819	ug/L		99
74) 1,3-Dichloropropane	8.493	76	541957	86.909	ug/L		100
75) 1,2-Dibromoethane	8.655	107	304481	88.175	ug/L		96
77) 2-Hexanone	8.940	43	144319	88.426	ug/L		96
78) Chlorobenzene	9.302	112	1111159	81.303	ug/L		100
79) Ethylbenzene	9.344	91	2003073	83.284	ug/L		100
80) 1,1,1,2-Tetrachloroethane	9.391	131	373770	87.728	ug/L		100
81) p/m Xylene	9.531	106	1643489	167.026	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N12.D
Acq On : 21 Feb 2025 2:58 am
Operator : ELAINE:PID
Sample : I8260STD80PPB
Misc : WG2033412,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 24 07:12:50 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) o Xylene	10.077	106	1672728	170.782	ug/L	99
83) Styrene	10.147	104	2934436	175.886	ug/L	99
85) Bromoform	10.169	173	241575	92.797	ug/L	98
87) Isopropylbenzene	10.473	105	2209585	83.372	ug/L	100
89) Bromobenzene	10.914	156	472990	80.008	ug/L	100
90) n-Propylbenzene	10.967	91	2642821	82.732	ug/L	100
91) 1,4-Dichlorobutane	10.984	55	459299	78.711	ug/L	97
92) 1,1,2,2-Tetrachloroethane	11.062	83	362822	80.601	ug/L	99
93) 4-Ethyltoluene	11.098	105	2158271	81.729	ug/L	99
94) 2-Chlorotoluene	11.134	91	1452654M6	80.127	ug/L	
95) 1,3,5-Trimethylbenzene	11.198	105	1940135	82.432	ug/L	99
96) 1,2,3-Trichloropropane	11.198	75	305651	80.255	ug/L	98
97) trans-1,4-Dichloro-2-b...	11.254	53	105835	81.695	ug/L	89
98) 4-Chlorotoluene	11.324	91	1508785	80.204	ug/L	99
99) tert-Butylbenzene	11.541	119	1628428	83.016	ug/L	99
102) 1,2,4-Trimethylbenzene	11.622	105	1970352	85.514	ug/L	98
103) sec-Butylbenzene	11.734	105	2492168	83.793	ug/L	100
104) p-Isopropyltoluene	11.893	119	2206039	84.597	ug/L	100
105) 1,3-Dichlorobenzene	11.957	146	1038886	80.752	ug/L	99
106) 1,4-Dichlorobenzene	12.049	146	1032914	80.693	ug/L	99
107) p-Diethylbenzene	12.272	119	1327428	85.878	ug/L	98
108) n-Butylbenzene	12.331	91	1927019	86.149	ug/L	99
109) 1,2-Dichlorobenzene	12.476	146	967189	80.029	ug/L	100
110) 1,2,4,5-Tetramethylben...	13.070	119	2098819	86.074	ug/L	100
111) 1,2-Dibromo-3-chloropr...	13.259	155	57763	92.081	ug/L	91
112) 1,3,5-Trichlorobenzene	13.293	180	717513	81.061	ug/L	100
113) Hexachlorobutadiene	13.875	225	188934	81.043	ug/L	99
114) 1,2,4-Trichlorobenzene	13.895	180	614372	80.620	ug/L	100
115) Naphthalene	14.185	128	1504293	82.962	ug/L	100
116) 1,2,3-Trichlorobenzene	14.355	180	567130	81.166	ug/L	99

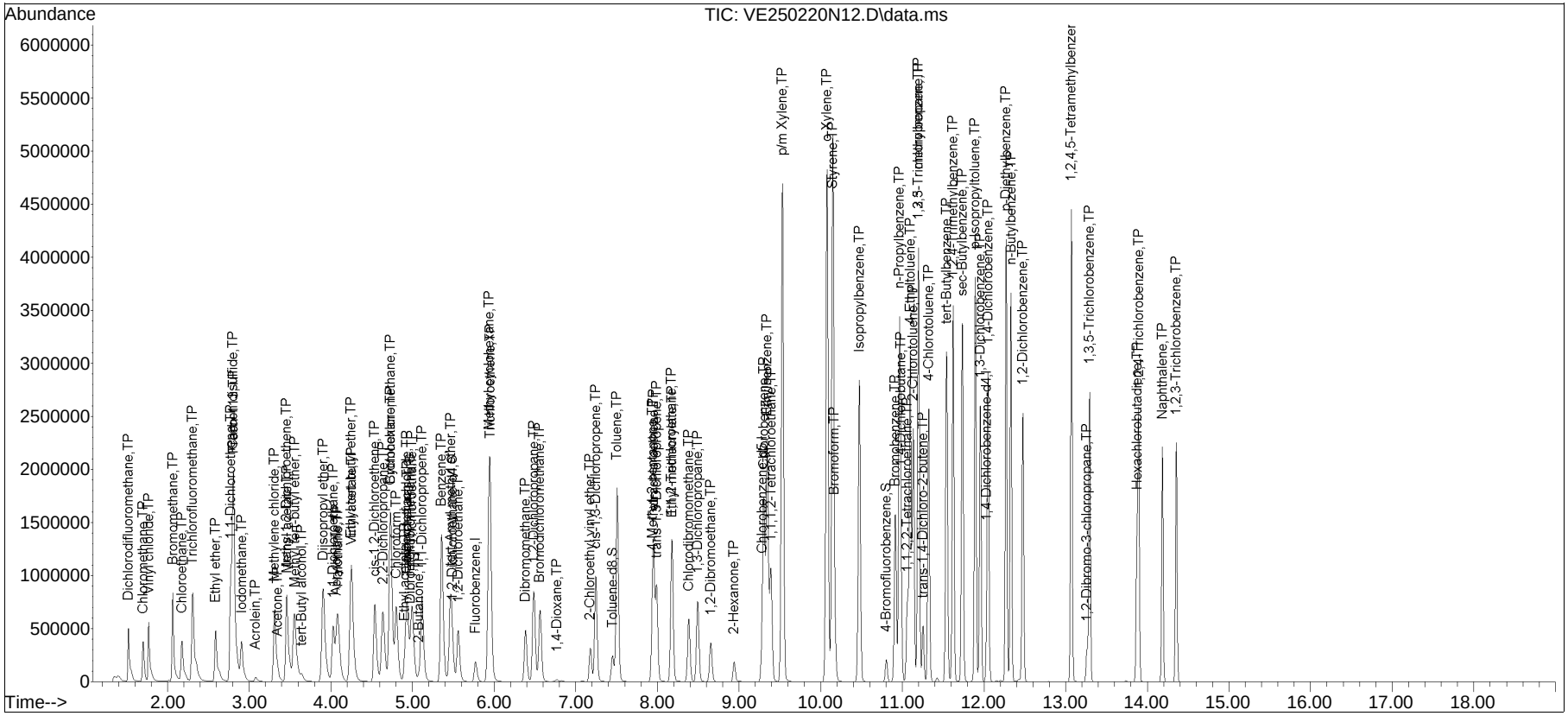
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N12.D
Acq On : 21 Feb 2025 2:58 am
Operator : ELAINE:PID
Sample : I8260STD80PPB
Misc : WG2033412,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 24 07:12:50 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox\VE250220N10.D•

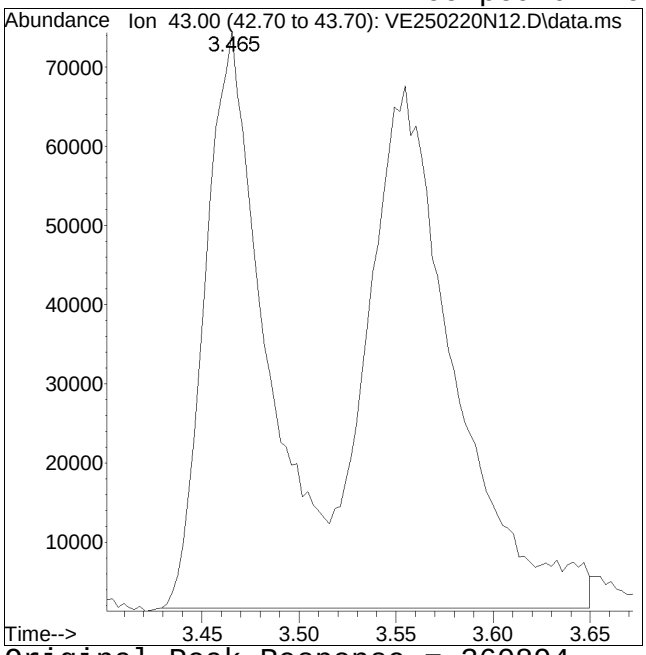


Manual Integration Report

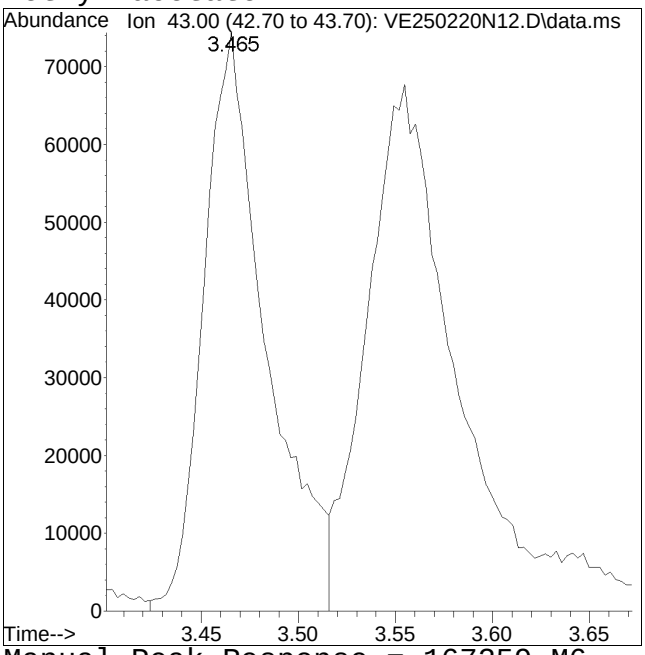
Data Path : K:\Elaine\2025\250220NICALQ
Data File : VE250220N12.D
Date Inj'd : 2/21/2025 2:58 am
Sample : I8260STD80PPB

Method : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 2/24/2025 7:12 am

Compound #19: Methyl acetate



Original Peak Response = 360894



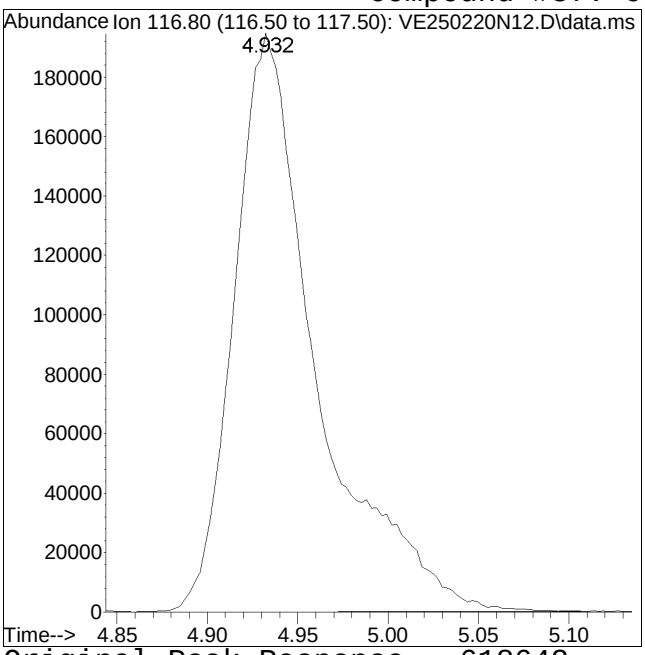
Manual Peak Response = 167259 M6

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

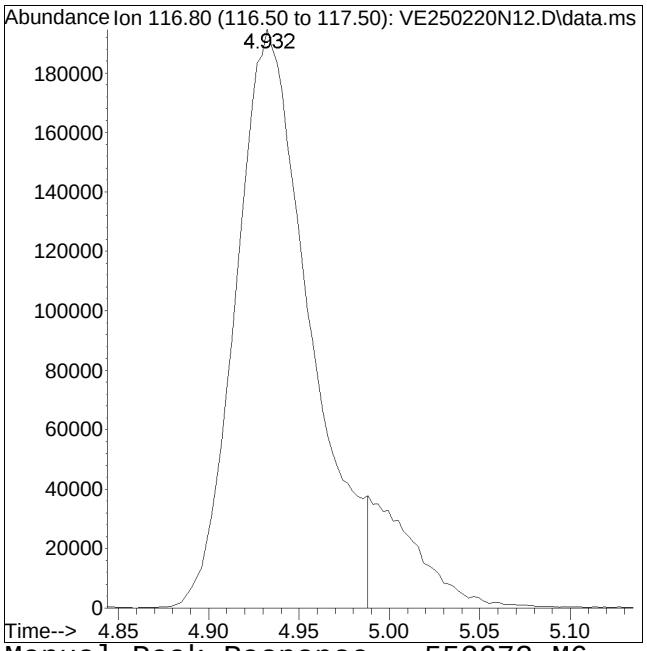
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N12.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 2:58 am Instrument : Elaine
Sample : I8260STD80PPB Quant Date : 2/24/2025 7:12 am

Compound #37: Carbon tetrachloride



Original Peak Response = 618642



Manual Peak Response = 552273 M6

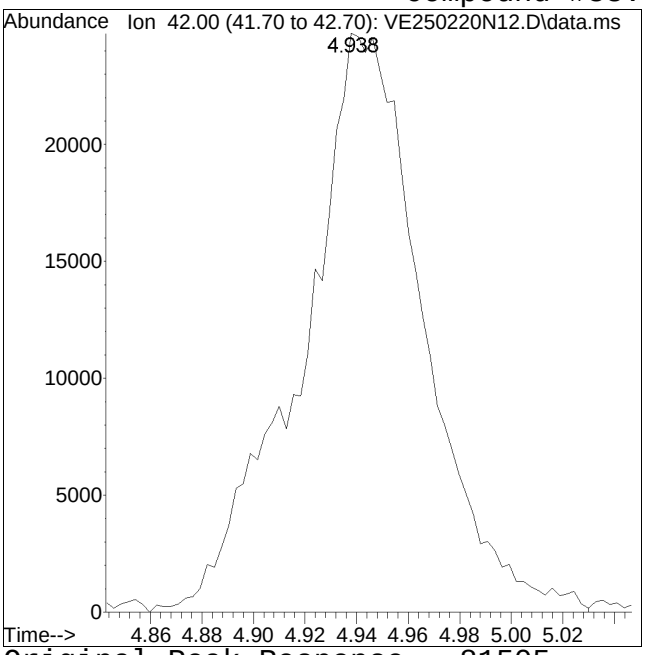
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

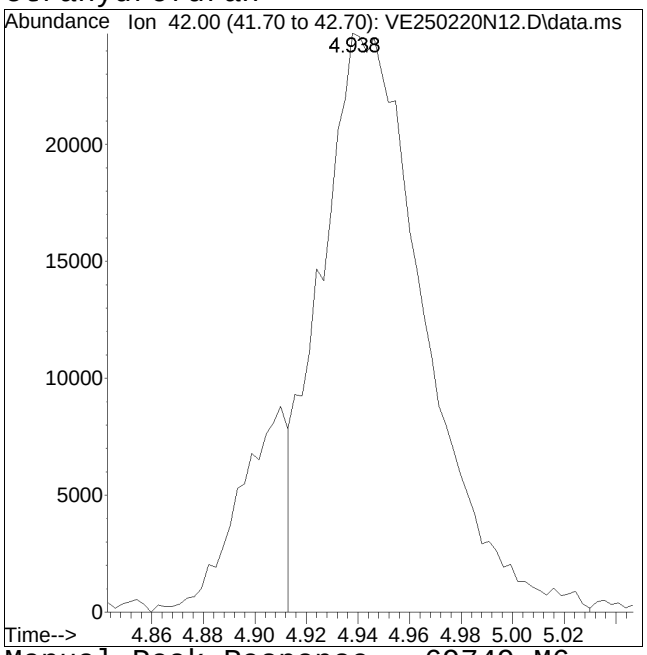
Data Path : K:\Elaine\2025\250220NICALQ
Data File : VE250220N12.D
Date Inj'd : 2/21/2025 2:58 am
Sample : I8260STD80PPB

Method : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 2/24/2025 7:12 am

Compound #38: Tetrahydrofuran



Original Peak Response = 81505



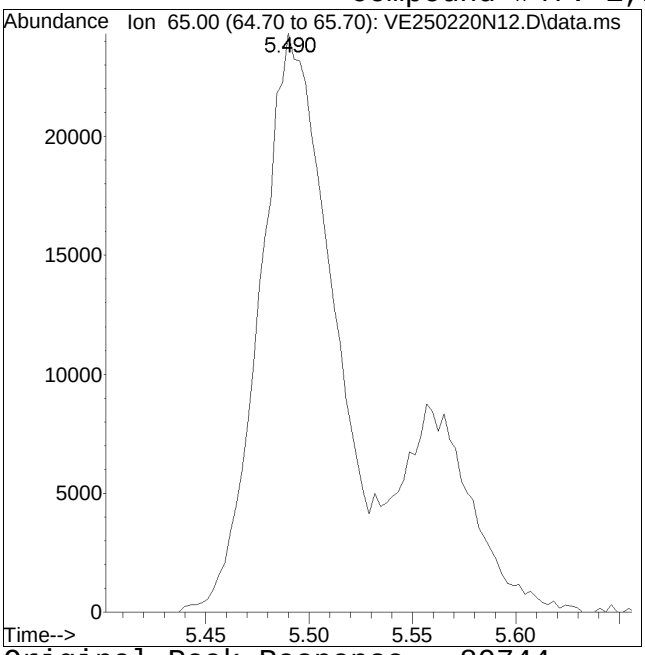
Manual Peak Response = 69749 M6

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

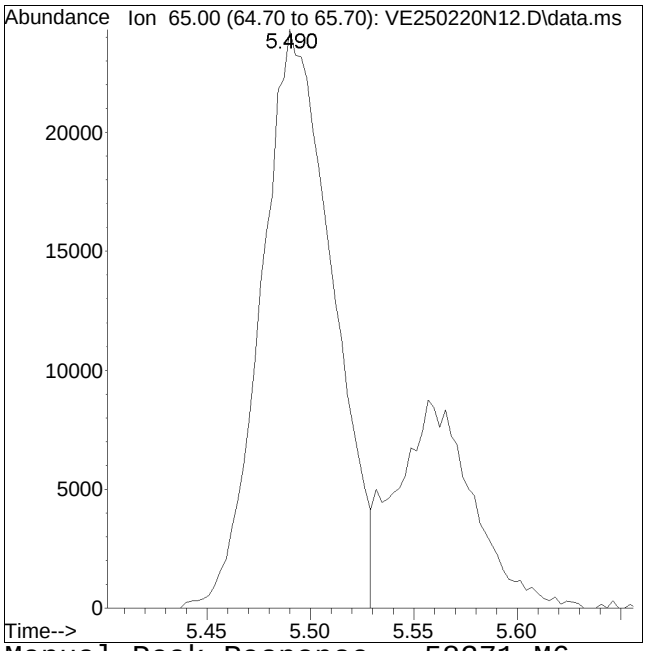
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N12.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 2:58 am Instrument : Elaine
Sample : I8260STD80PPB Quant Date : 2/24/2025 7:12 am

Compound #47: 1,2-Dichloroethane-d4



Original Peak Response = 80744



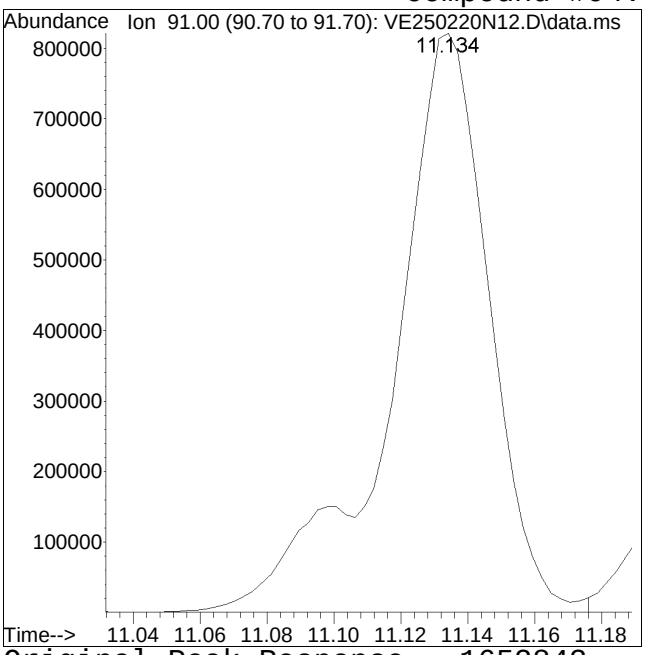
Manual Peak Response = 58371 M6

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

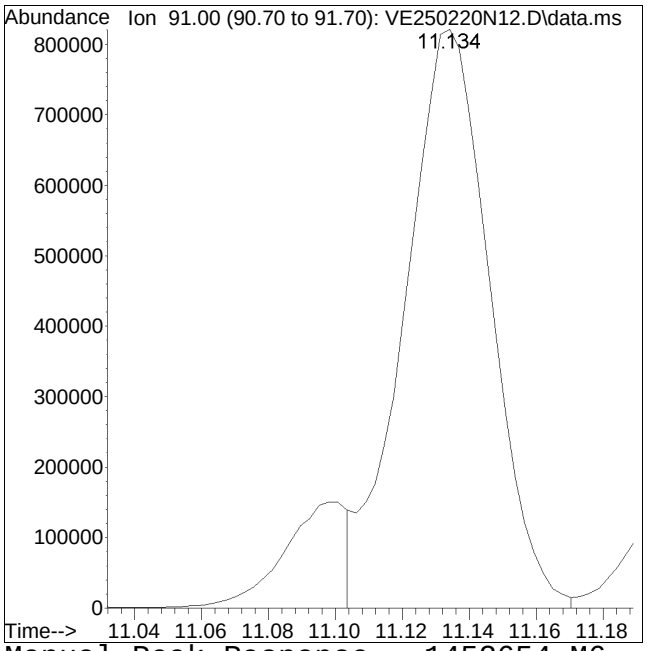
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N12.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 2:58 am Instrument : Elaine
Sample : I8260STD80PPB Quant Date : 2/24/2025 7:12 am

Compound #94: 2-Chlorotoluene



Original Peak Response = 1652843



Manual Peak Response = 1452654 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N13.D
Acq On : 21 Feb 2025 3:22 am
Operator : ELAINE:PID
Sample : I8260STD120PPB
Misc : WG2033412,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 24 07:12:58 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.772	96	233074	10.000 ug/L	0.00
Standard Area 1 = 193689			Recovery = 120.33%		
63) Chlorobenzene-d5	9.285	117	170200	10.000 ug/L	0.00
Standard Area 1 = 149882			Recovery = 113.56%		
84) 1,4-Dichlorobenzene-d4	12.035	152	102578	10.000 ug/L	0.00
Standard Area 1 = 78717			Recovery = 130.31%		
System Monitoring Compounds					
39) Dibromofluoromethane	4.980	113	57619	9.058 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 90.58%		
47) 1,2-Dichloroethane-d4	5.490	65	64141M6	9.526 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.26%		
64) Toluene-d8	7.450	98	216066	9.595 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.95%		
88) 4-Bromofluorobenzene	10.805	95	78096	9.513 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.13%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.522	85	710401	118.463 ug/L	100
3) Chloromethane	1.700	50	595893	110.223 ug/L	100
4) Vinyl chloride	1.770	62	814003	115.946 ug/L	100
5) Bromomethane	2.063	94	733108	118.299 ug/L	97
6) Chloroethane	2.177	64	618287	115.024 ug/L	99
7) Trichlorofluoromethane	2.308	101	1413780	116.806 ug/L	100
8) Ethyl ether	2.587	74	432576	119.956 ug/L	98
10) 1,1-Dichloroethene	2.774	96	757809	115.749 ug/L	98
11) Carbon disulfide	2.802	76	2087312	113.113 ug/L	99
12) Freon-113	2.810	101	678582	116.222 ug/L	99
13) Iodomethane	2.908	142	765139	120.064 ug/L	99
14) Acrolein	3.081	56	63956	122.380 ug/L	92
15) Methylene chloride	3.312	84	611045	111.335 ug/L	97
17) Acetone	3.345	43	100477	107.754 ug/L	100
18) trans-1,2-Dichloroethene	3.457	96	590992	115.123 ug/L	99
19) Methyl acetate	3.463	43	261552M6	112.492 ug/L	
21) Methyl tert-butyl ether	3.552	73	1542139	127.394 ug/L #	96
22) tert-Butyl alcohol	3.647	59	138141	626.803 ug/L #	100
24) Diisopropyl ether	3.906	45	1664719	125.044 ug/L	99
25) 1,1-Dichloroethane	4.032	63	1057248	111.443 ug/L	99

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N13.D
Acq On : 21 Feb 2025 3:22 am
Operator : ELAINE:PID
Sample : I8260STD120PPB
Misc : WG2033412,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 24 07:12:58 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Halothane	4.084	117	452409	119.196	ug/L		99
27) Acrylonitrile	4.071	53	133281	112.145	ug/L		97
28) Ethyl tert-butyl ether	4.249	59	1686401	130.595	ug/L		97
29) Vinyl acetate	4.257	43	1241093	131.634	ug/L		99
30) cis-1,2-Dichloroethene	4.539	96	680570	113.754	ug/L		99
31) 2,2-Dichloropropane	4.637	77	900142	114.440	ug/L	#	79
33) Bromochloromethane	4.726	128	309639	113.447	ug/L		95
34) Cyclohexane	4.734	56	1059768	120.141	ug/L		96
35) Chloroform	4.801	83	1040009	110.681	ug/L		98
36) Ethyl acetate	4.907	43	381396	123.237	ug/L		99
37) Carbon tetrachloride	4.932	117	850157M6	122.265	ug/L		
38) Tetrahydrofuran	4.943	42	110151M6	112.807	ug/L		
40) 1,1,1-Trichloroethane	4.996	97	910512	117.812	ug/L		99
42) 2-Butanone	5.086	43	152835	117.629	ug/L		94
43) 1,1-Dichloropropene	5.116	75	770231	122.659	ug/L		99
45) Benzene	5.356	78	2521671	121.898	ug/L		99
46) tert-Amyl methyl ether	5.470	73	1539783	126.023	ug/L		98
48) 1,2-Dichloroethane	5.560	62	750307	114.840	ug/L		99
51) Methyl cyclohexane	5.942	83	1197746	130.355	ug/L		99
52) Trichloroethene	5.950	95	661129	131.697	ug/L		100
54) Dibromomethane	6.382	93	362952	115.560	ug/L		99
55) 1,2-Dichloropropane	6.486	63	606009	124.494	ug/L		99
57) 2-Chloroethyl vinyl ether	7.183	63	275681	135.344	ug/L		98
58) Bromodichloromethane	6.561	83	849514	121.439	ug/L		99
61) 1,4-Dioxane	6.767	88	29860	1190.629	ug/L		98
62) cis-1,3-Dichloropropene	7.247	75	1033627	136.490	ug/L		99
65) Toluene	7.509	92	1538314	120.850	ug/L		98
66) 4-Methyl-2-pentanone	7.938	58	133374	122.859	ug/L		98
67) Tetrachloroethene	7.952	166	613402	125.265	ug/L		99
69) trans-1,3-Dichloropropene	7.991	75	858428	139.469	ug/L		99
71) Ethyl methacrylate	8.181	69	565972	130.204	ug/L		93
72) 1,1,2-Trichloroethane	8.175	83	414481	129.680	ug/L		98
73) Chlorodibromomethane	8.387	129	612351	137.655	ug/L		98
74) 1,3-Dichloropropane	8.493	76	845842	128.021	ug/L		100
75) 1,2-Dibromoethane	8.652	107	478575	130.807	ug/L		97
77) 2-Hexanone	8.940	43	221015	127.813	ug/L		97
78) Chlorobenzene	9.305	112	1763843	121.810	ug/L		99
79) Ethylbenzene	9.347	91	3175049	124.597	ug/L		100
80) 1,1,1,2-Tetrachloroethane	9.391	131	597979	132.468	ug/L		100
81) p/m Xylene	9.533	106	2715770	260.497	ug/L		99

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N13.D
Acq On : 21 Feb 2025 3:22 am
Operator : ELAINE:PID
Sample : I8260STD120PPB
Misc : WG2033412,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 24 07:12:58 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) o Xylene	10.080	106	2770775	267.001	ug/L	100
83) Styrene	10.150	104	4828195	273.140	ug/L	100
85) Bromoform	10.172	173	400440	144.078	ug/L	99
87) Isopropylbenzene	10.473	105	3560457	125.833	ug/L	100
89) Bromobenzene	10.917	156	765326	121.256	ug/L	100
90) n-Propylbenzene	10.970	91	4294928	125.934	ug/L	100
91) 1,4-Dichlorobutane	10.984	55	724559	116.303	ug/L	96
92) 1,1,2,2-Tetrachloroethane	11.062	83	585515	121.833	ug/L	99
93) 4-Ethyltoluene	11.098	105	3496879	124.031	ug/L	99
94) 2-Chlorotoluene	11.134	91	2379792M6	122.952	ug/L	
95) 1,3,5-Trimethylbenzene	11.201	105	3178355	126.486	ug/L	99
96) 1,2,3-Trichloropropane	11.198	75	494176	121.536	ug/L	96
97) trans-1,4-Dichloro-2-b...	11.254	53	168300	121.683	ug/L	89
98) 4-Chlorotoluene	11.324	91	2464651	122.717	ug/L	98
99) tert-Butylbenzene	11.544	119	2654715	126.763	ug/L	99
102) 1,2,4-Trimethylbenzene	11.622	105	3167761	128.772	ug/L	97
103) sec-Butylbenzene	11.736	105	4034970	127.073	ug/L	100
104) p-Isopropyltoluene	11.895	119	3558274	127.808	ug/L	100
105) 1,3-Dichlorobenzene	11.957	146	1676811	122.080	ug/L	99
106) 1,4-Dichlorobenzene	12.052	146	1668222	122.068	ug/L	99
107) p-Diethylbenzene	12.275	119	2172827	131.666	ug/L	99
108) n-Butylbenzene	12.330	91	3046126	127.553	ug/L	99
109) 1,2-Dichlorobenzene	12.478	146	1551901	120.277	ug/L	100
110) 1,2,4,5-Tetramethylben...	13.072	119	3601242	138.333	ug/L	100
111) 1,2-Dibromo-3-chloropr...	13.262	155	95361	142.386	ug/L	94
112) 1,3,5-Trichlorobenzene	13.295	180	1222670	129.381	ug/L	99
113) Hexachlorobutadiene	13.873	225	315326	126.690	ug/L	99
114) 1,2,4-Trichlorobenzene	13.895	180	1018418	125.175	ug/L	99
115) Naphthalene	14.188	128	2406468	124.310	ug/L	100
116) 1,2,3-Trichlorobenzene	14.355	180	919005	123.194	ug/L	98

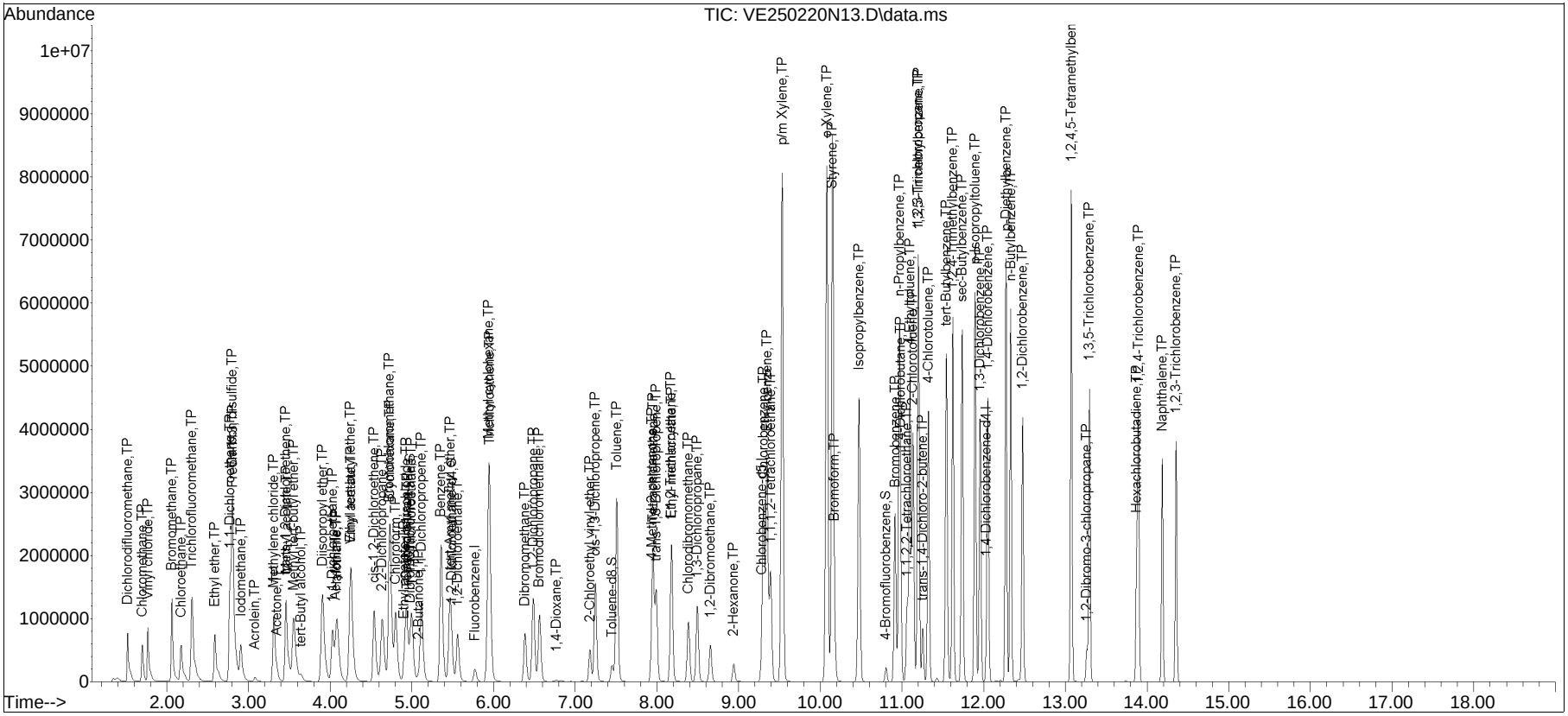
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N13.D
Acq On : 21 Feb 2025 3:22 am
Operator : ELAINE:PID
Sample : I8260STD120PPB
Misc : WG2033412,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 24 07:12:58 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

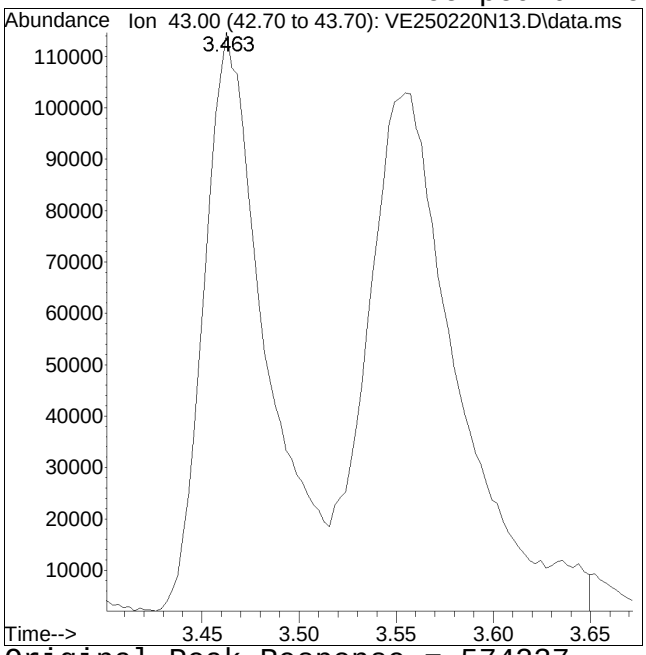
Sub List : 8260-Curve - Megamix plus Diox\VE250220N10.D•



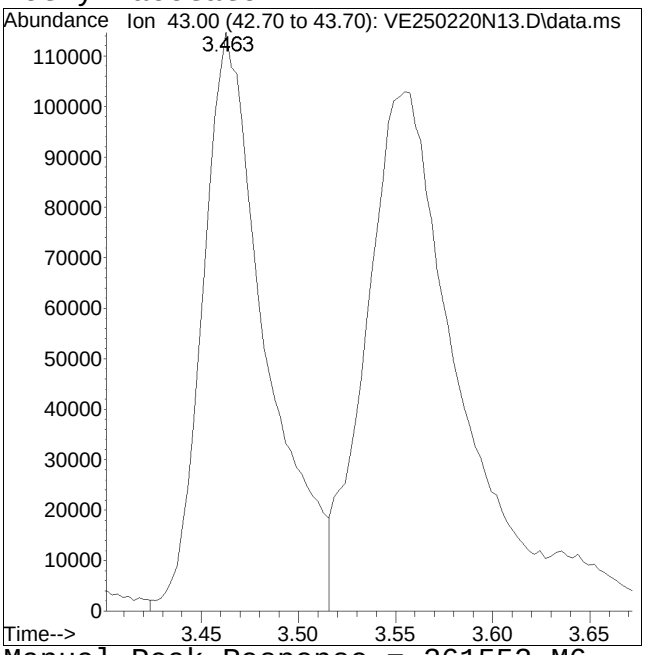
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N13.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 3:22 am Instrument : Elaine
Sample : I8260STD120PPB Quant Date : 2/24/2025 7:12 am

Compound #19: Methyl acetate



Original Peak Response = 574237



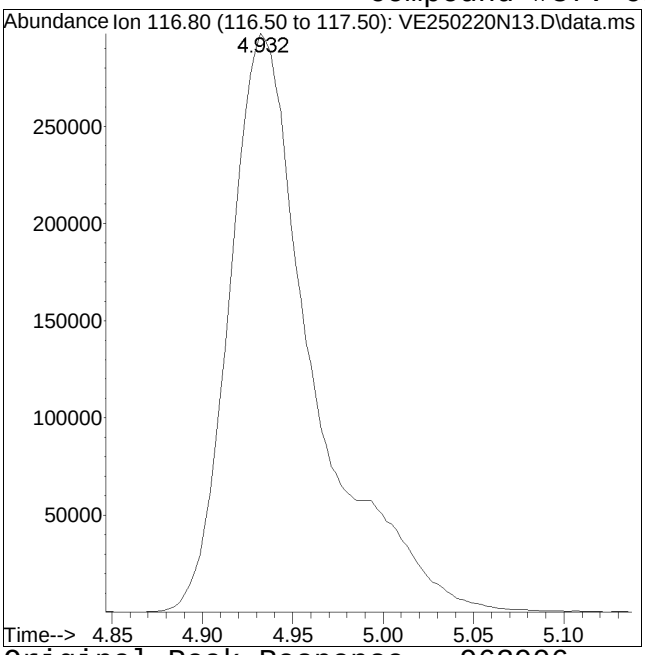
Manual Peak Response = 261552 M6

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

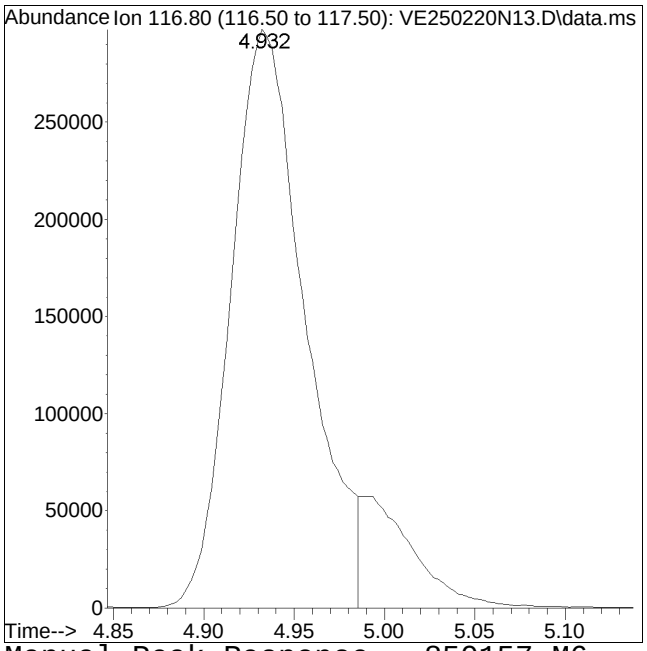
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N13.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 3:22 am Instrument : Elaine
Sample : I8260STD120PPB Quant Date : 2/24/2025 7:12 am

Compound #37: Carbon tetrachloride



Original Peak Response = 963906



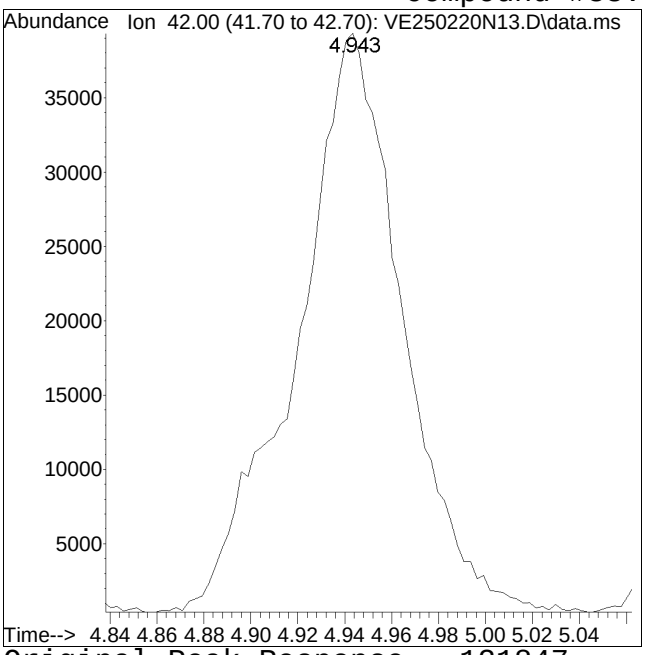
Manual Peak Response = 850157 M6

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

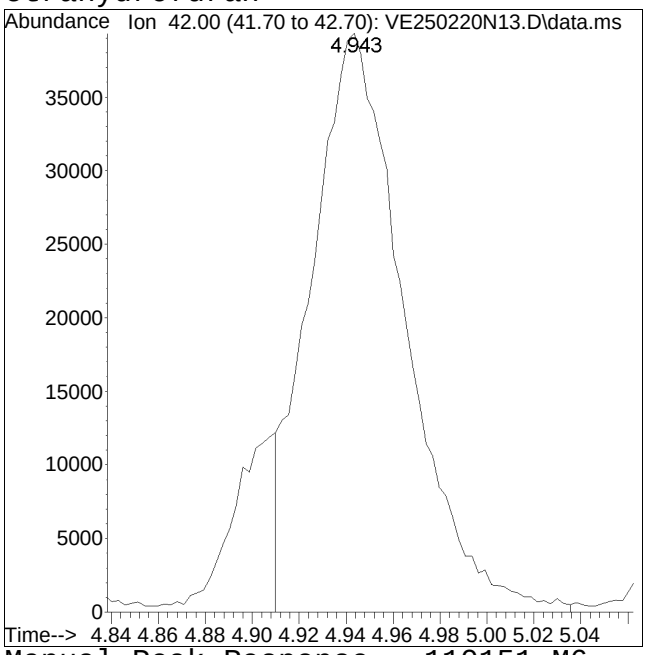
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N13.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 3:22 am Instrument : Elaine
Sample : I8260STD120PPB Quant Date : 2/24/2025 7:12 am

Compound #38: Tetrahydrofuran



Original Peak Response = 121847



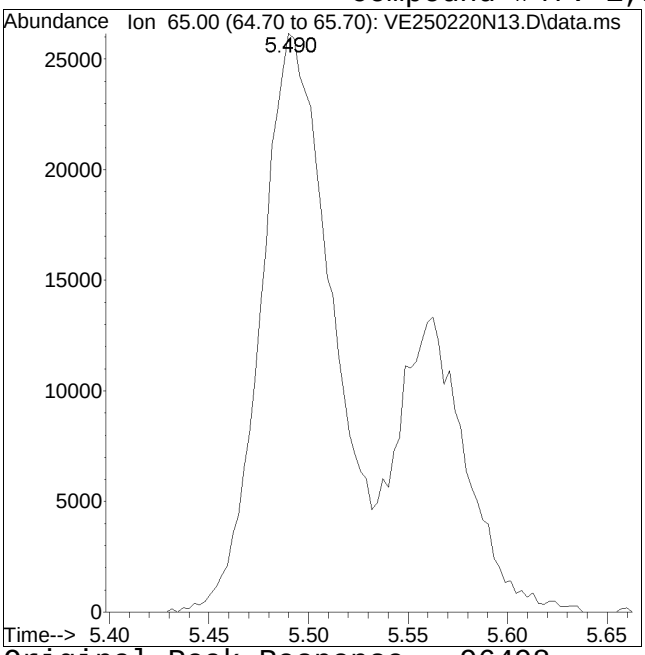
Manual Peak Response = 110151 M6

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

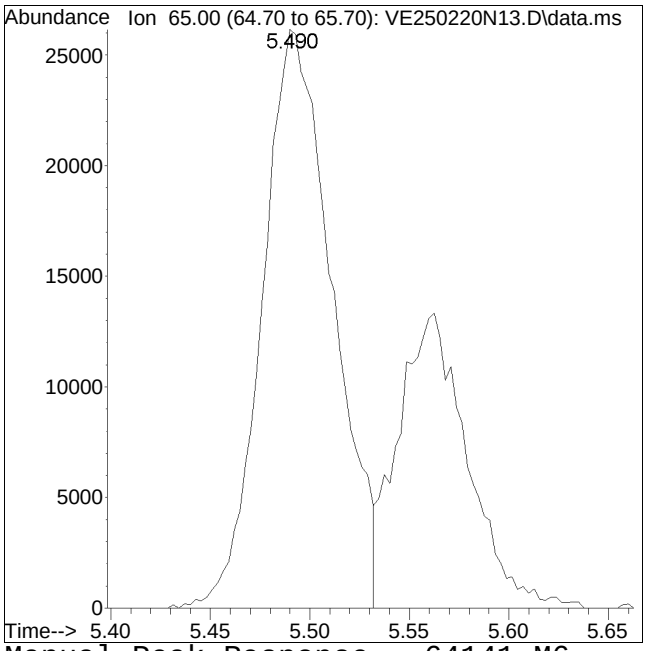
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N13.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 3:22 am Instrument : Elaine
Sample : I8260STD120PPB Quant Date : 2/24/2025 7:12 am

Compound #47: 1,2-Dichloroethane-d4



Original Peak Response = 96498



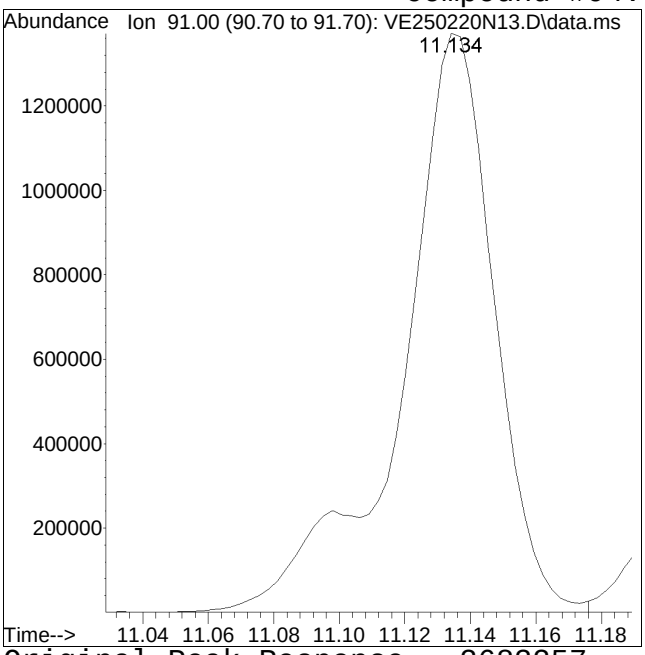
Manual Peak Response = 64141 M6

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

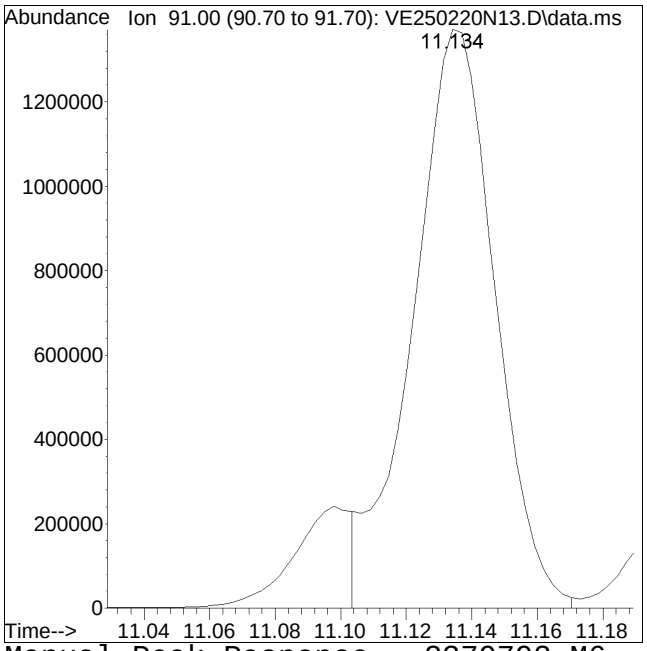
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N13.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 3:22 am Instrument : Elaine
Sample : I8260STD120PPB Quant Date : 2/24/2025 7:12 am

Compound #94: 2-Chlorotoluene



Original Peak Response = 2683257



Manual Peak Response = 2379792 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N14.D
Acq On : 21 Feb 2025 3:46 am
Operator : ELAINE:PID
Sample : I8260STD200PPB
Misc : WG2033412,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 24 07:13:06 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.774	96	248410	10.000 ug/L	0.00
Standard Area 1 = 193689			Recovery = 128.25%		
63) Chlorobenzene-d5	9.285	117	185009	10.000 ug/L	0.00
Standard Area 1 = 149882			Recovery = 123.44%		
84) 1,4-Dichlorobenzene-d4	12.038	152	118126	10.000 ug/L	0.00
Standard Area 1 = 78717			Recovery = 150.06%		
System Monitoring Compounds					
39) Dibromofluoromethane	4.974	113	61614	9.088 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 90.88%		
47) 1,2-Dichloroethane-d4	5.490	65	68985M6	9.613 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.13%		
64) Toluene-d8	7.450	98	226781	9.265 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.65%		
88) 4-Bromofluorobenzene	10.805	95	84976	8.989 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 89.89%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.522	85	1227960	192.128 ug/L	99
3) Chloromethane	1.700	50	1041531	180.760 ug/L	99
4) Vinyl chloride	1.767	62	1404392	187.691 ug/L	100
5) Bromomethane	2.063	94	1306348	197.786 ug/L	97
6) Chloroethane	2.174	64	1082140	188.889 ug/L	99
7) Trichlorofluoromethane	2.311	101	2433493	188.642 ug/L	100
8) Ethyl ether	2.590	74	752920	195.899 ug/L	97
10) 1,1-Dichloroethene	2.774	96	1354794	194.157 ug/L	97
11) Carbon disulfide	2.802	76	3772831	191.831 ug/L	100
12) Freon-113	2.807	101	1242718	199.702 ug/L	98
13) Iodomethane	2.908	142	1387070	204.219 ug/L	99
14) Acrolein	3.081	56	115321	207.044 ug/L	90
15) Methylene chloride	3.309	84	1093835	186.997 ug/L	96
17) Acetone	3.346	43	180384	181.505 ug/L	98
18) trans-1,2-Dichloroethene	3.460	96	1057105	193.208 ug/L	99
19) Methyl acetate	3.463	43	466916M6	188.420 ug/L	
21) Methyl tert-butyl ether	3.555	73	2759201	213.862 ug/L #	96
22) tert-Butyl alcohol	3.644	59	234905	1000.058 ug/L #	100
24) Diisopropyl ether	3.906	45	3025857	213.254 ug/L	99
25) 1,1-Dichloroethane	4.029	63	1885602	186.489 ug/L	99

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N14.D
Acq On : 21 Feb 2025 3:46 am
Operator : ELAINE:PID
Sample : I8260STD200PPB
Misc : WG2033412,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 24 07:13:06 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Halothane	4.085	117	812161	200.769	ug/L		99
27) Acrylonitrile	4.068	53	246120	194.304	ug/L		100
28) Ethyl tert-butyl ether	4.252	59	3131327	227.520	ug/L		98
29) Vinyl acetate	4.257	43	2142953	213.256	ug/L		99
30) cis-1,2-Dichloroethene	4.542	96	1213455	190.302	ug/L		98
31) 2,2-Dichloropropane	4.639	77	1596543	190.446	ug/L	#	78
33) Bromochloromethane	4.729	128	569941	195.926	ug/L		92
34) Cyclohexane	4.734	56	1867649	198.655	ug/L		94
35) Chloroform	4.804	83	1889796	188.702	ug/L		98
36) Ethyl acetate	4.904	43	672231	203.802	ug/L		98
37) Carbon tetrachloride	4.932	117	1572812M6	212.228	ug/L		
38) Tetrahydrofuran	4.943	42	201266M6	193.395	ug/L		
40) 1,1,1-Trichloroethane	4.996	97	1636061	198.622	ug/L		99
42) 2-Butanone	5.083	43	276043	199.339	ug/L		93
43) 1,1-Dichloropropene	5.116	75	1378335	205.949	ug/L		99
45) Benzene	5.359	78	4619580	209.525	ug/L		99
46) tert-Amyl methyl ether	5.468	73	2868248	220.258	ug/L		98
48) 1,2-Dichloroethane	5.562	62	1342751	192.830	ug/L		99
51) Methyl cyclohexane	5.939	83	2210868	225.762	ug/L		99
52) Trichloroethene	5.950	95	1270565	237.472	ug/L		100
54) Dibromomethane	6.382	93	659311	196.957	ug/L		99
55) 1,2-Dichloropropane	6.486	63	1081170	208.396	ug/L		99
57) 2-Chloroethyl vinyl ether	7.183	63	503837	232.084	ug/L		99
58) Bromodichloromethane	6.564	83	1533508	205.683	ug/L		100
61) 1,4-Dioxane	6.770	88	46855	1752.941	ug/L		98
62) cis-1,3-Dichloropropene	7.247	75	1876020	232.433	ug/L		98
65) Toluene	7.509	92	2861175	206.783	ug/L		99
66) 4-Methyl-2-pentanone	7.944	58	238661	202.248	ug/L		98
67) Tetrachloroethene	7.952	166	1153858	216.773	ug/L		99
69) trans-1,3-Dichloropropene	7.994	75	1568200	234.392	ug/L		94
71) Ethyl methacrylate	8.181	69	1027424	217.442	ug/L		91
72) 1,1,2-Trichloroethane	8.175	83	770546	221.786	ug/L		97
73) Chlorodibromomethane	8.387	129	1127653	233.203	ug/L		98
74) 1,3-Dichloropropane	8.496	76	1516552	211.162	ug/L		100
75) 1,2-Dibromoethane	8.655	107	870096	218.783	ug/L		97
77) 2-Hexanone	8.942	43	400929	213.298	ug/L		98
78) Chlorobenzene	9.305	112	3284926	208.696	ug/L		100
79) Ethylbenzene	9.347	91	5919612	213.707	ug/L		100
80) 1,1,1,2-Tetrachloroethane	9.394	131	1130981	230.488	ug/L		100
81) p/m Xylene	9.536	106	5513329	486.509	ug/L		96

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N14.D
Acq On : 21 Feb 2025 3:46 am
Operator : ELAINE:PID
Sample : I8260STD200PPB
Misc : WG2033412,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 24 07:13:06 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) o Xylene	10.083	106	5535151	490.691	ug/L	97
83) Styrene	10.153	104	9633992	501.388	ug/L	99
85) Bromoform	10.172	173	800839	250.216	ug/L	98
87) Isopropylbenzene	10.476	105	6745814	207.029	ug/L	100
89) Bromobenzene	10.917	156	1452723	199.871	ug/L	100
90) n-Propylbenzene	10.972	91	8130277	207.014	ug/L	99
91) 1,4-Dichlorobutane	10.984	55	1345482	187.544	ug/L	96
92) 1,1,2,2-Tetrachloroethane	11.064	83	1068121	192.999	ug/L	95
93) 4-Ethyltoluene	11.101	105	6629087	204.180	ug/L	99
94) 2-Chlorotoluene	11.140	91	4430028M6	198.753	ug/L	
95) 1,3,5-Trimethylbenzene	11.201	105	6214043	214.745	ug/L	100
96) 1,2,3-Trichloropropane	11.201	75	954951	203.946	ug/L	94
97) trans-1,4-Dichloro-2-b...	11.257	53	301743	189.448	ug/L	86
98) 4-Chlorotoluene	11.327	91	4722290	204.179	ug/L	98
99) tert-Butylbenzene	11.544	119	5126801	212.583	ug/L	98
102) 1,2,4-Trimethylbenzene	11.625	105	6102132	215.407	ug/L	98
103) sec-Butylbenzene	11.739	105	7719065	211.098	ug/L	99
104) p-Isopropyltoluene	11.898	119	7060654	220.228	ug/L	99
105) 1,3-Dichlorobenzene	11.960	146	3288996	207.938	ug/L	99
106) 1,4-Dichlorobenzene	12.054	146	3339314	212.185	ug/L	99
107) p-Diethylbenzene	12.275	119	4371819	230.049	ug/L	98
108) n-Butylbenzene	12.333	91	5946160	216.215	ug/L	99
109) 1,2-Dichlorobenzene	12.478	146	3100217	208.650	ug/L	100
110) 1,2,4,5-Tetramethylben...	13.072	119	6913574	230.614	ug/L	99
111) 1,2-Dibromo-3-chloropr...	13.265	155	173789	225.335	ug/L	94
112) 1,3,5-Trichlorobenzene	13.298	180	2383995	219.066	ug/L	99
113) Hexachlorobutadiene	13.873	225	603270	210.476	ug/L	100
114) 1,2,4-Trichlorobenzene	13.895	180	2000262	213.494	ug/L	99
115) Naphthalene	14.185	128	4477732	200.860	ug/L	100
116) 1,2,3-Trichlorobenzene	14.358	180	1781004	207.322	ug/L	98

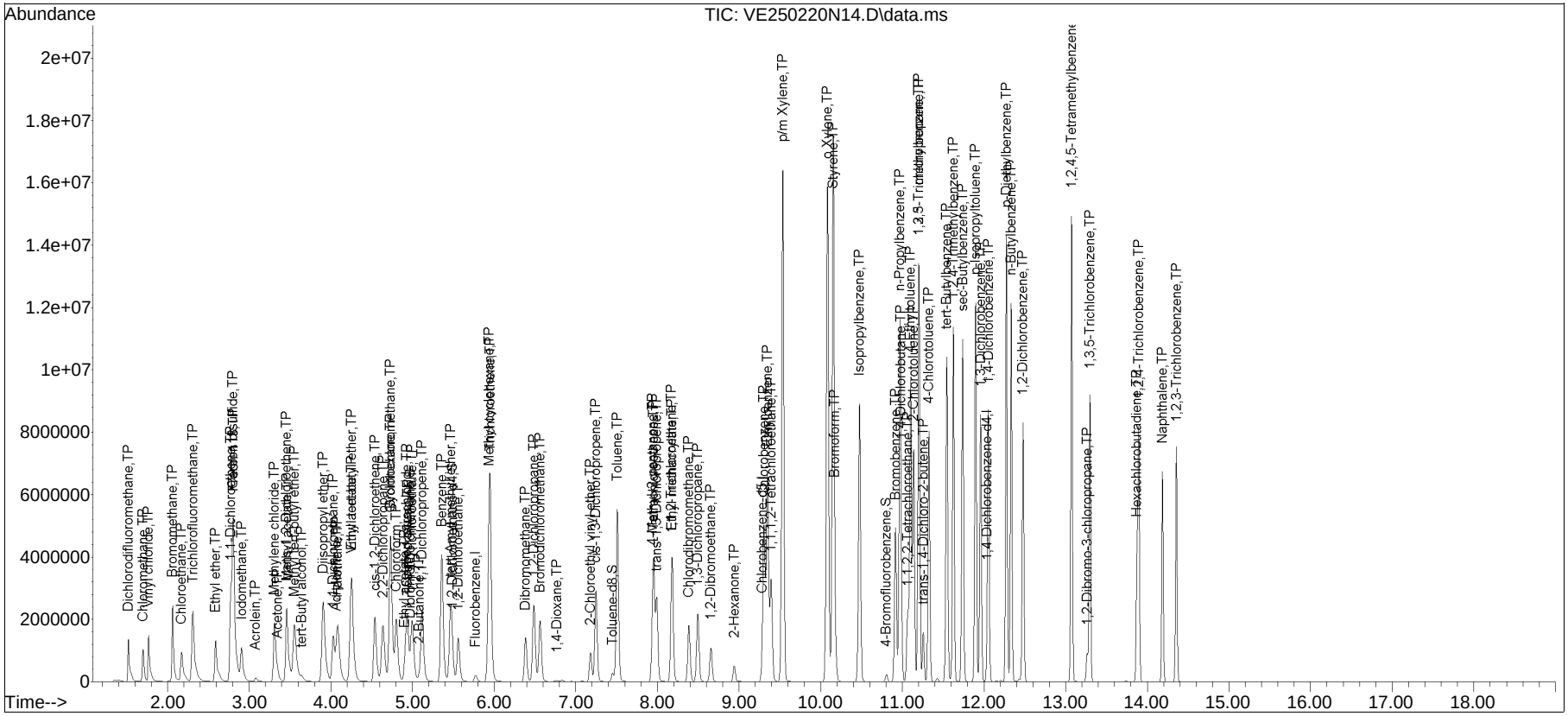
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N14.D
Acq On : 21 Feb 2025 3:46 am
Operator : ELAINE:PID
Sample : I8260STD200PPB
Misc : WG2033412,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 24 07:13:06 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:11:47 2025
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox\VE250220N10.D•

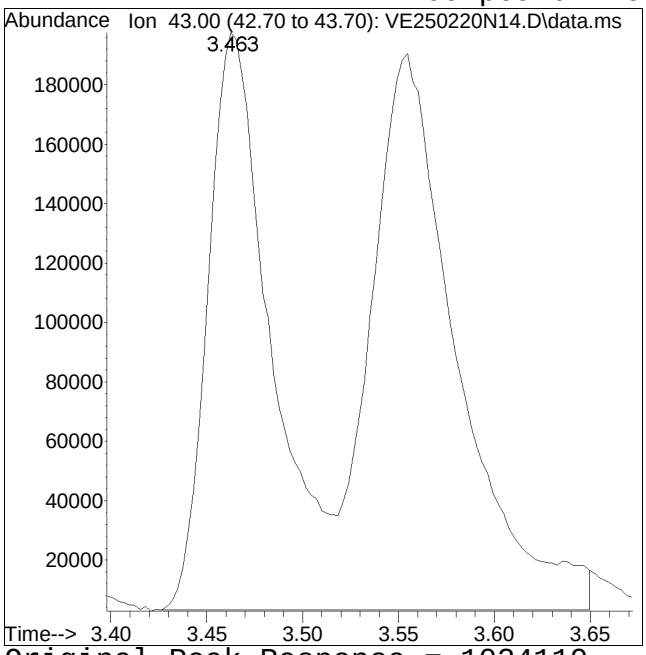


Manual Integration Report

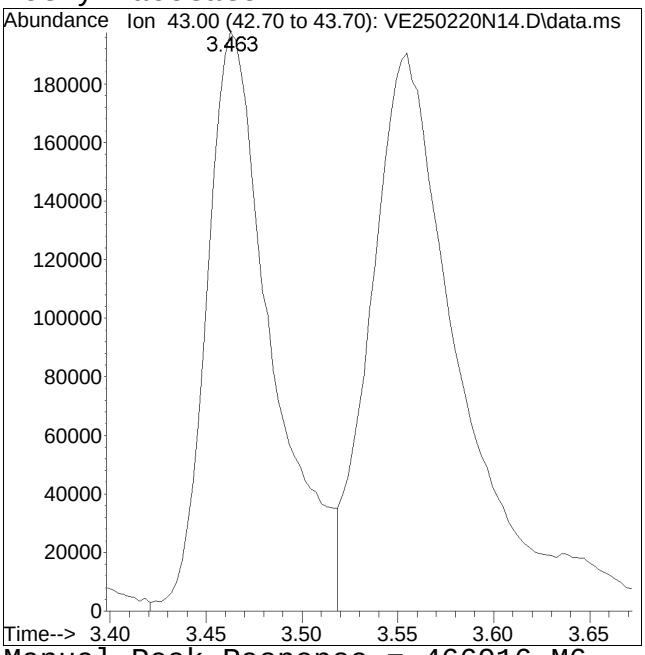
Data Path : K:\Elaine\2025\250220NICALQ
Data File : VE250220N14.D
Date Inj'd : 2/21/2025 3:46 am
Sample : I8260STD200PPB

Method : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 2/24/2025 7:13 am

Compound #19: Methyl acetate



Original Peak Response = 1024119



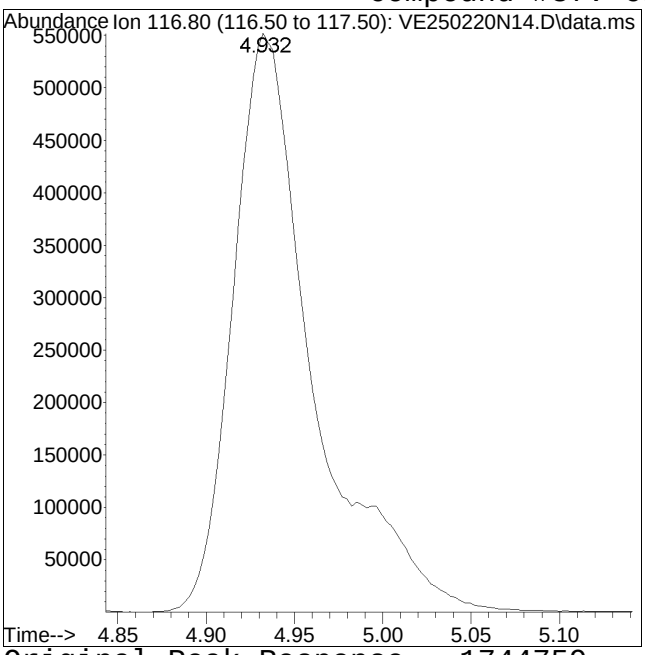
Manual Peak Response = 466916 M6

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

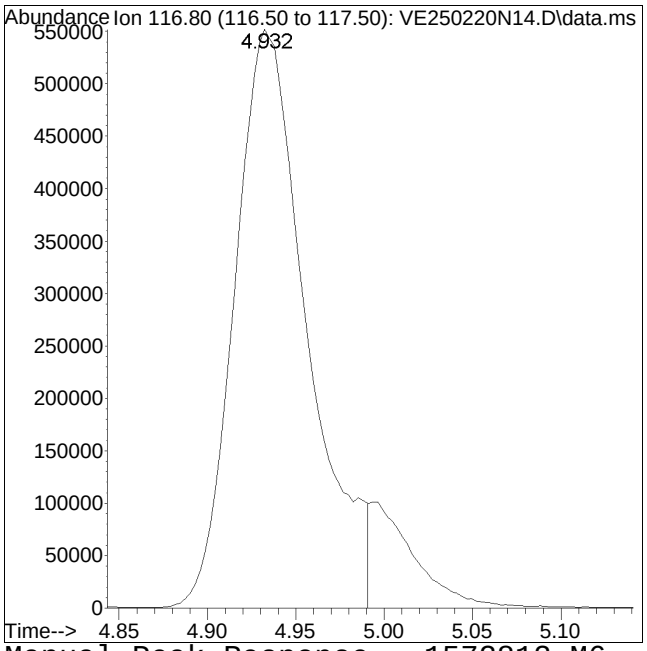
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N14.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 3:46 am Instrument : Elaine
Sample : I8260STD200PPB Quant Date : 2/24/2025 7:13 am

Compound #37: Carbon tetrachloride



Original Peak Response = 1744759



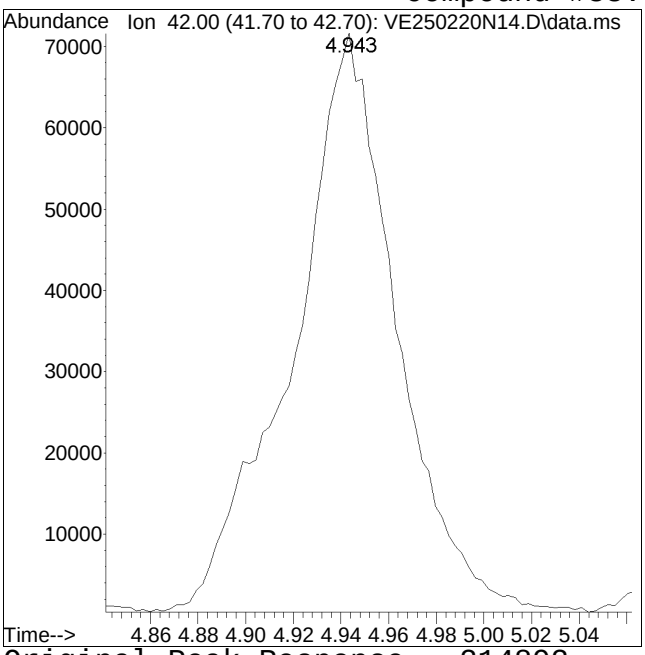
Manual Peak Response = 1572812 M6

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

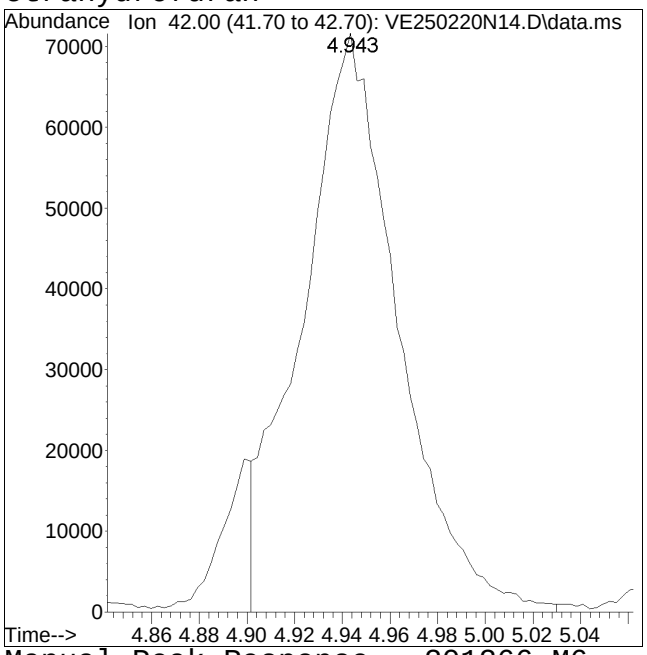
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N14.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 3:46 am Instrument : Elaine
Sample : I8260STD200PPB Quant Date : 2/24/2025 7:13 am

Compound #38: Tetrahydrofuran



Original Peak Response = 214892



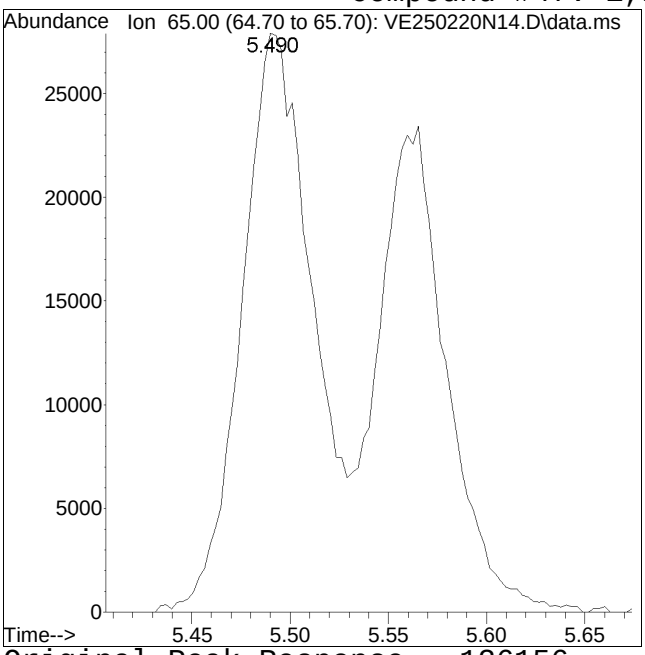
Manual Peak Response = 201266 M6

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

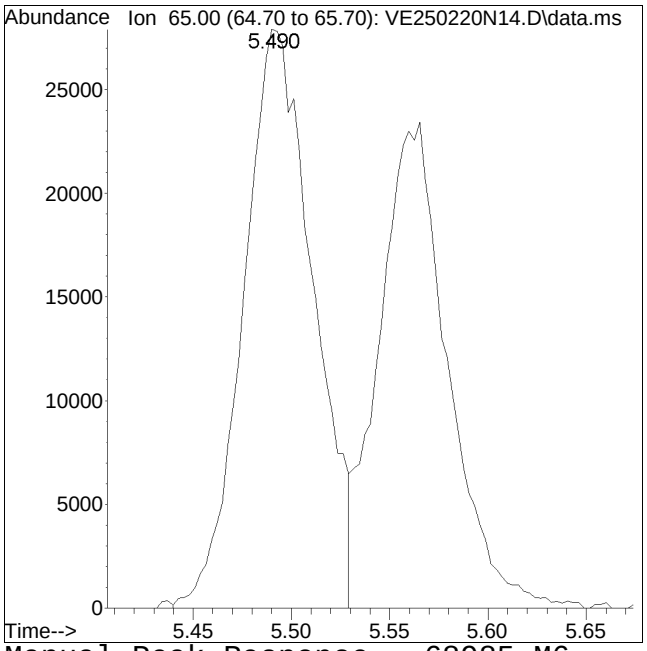
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N14.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 3:46 am Instrument : Elaine
Sample : I8260STD200PPB Quant Date : 2/24/2025 7:13 am

Compound #47: 1,2-Dichloroethane-d4



Original Peak Response = 126156



Manual Peak Response = 68985 M6

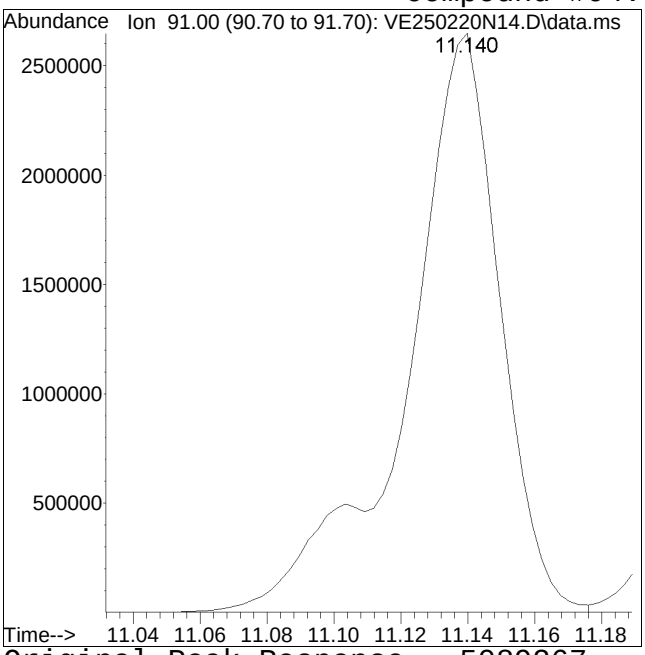
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

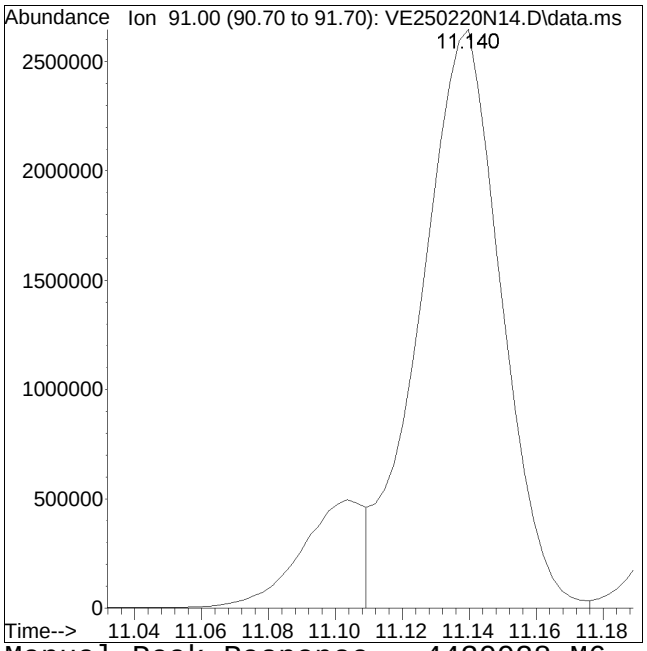
Data Path : K:\Elaine\2025\250220NICALQ
Data File : VE250220N14.D
Date Inj'd : 2/21/2025 3:46 am
Sample : I8260STD200PPB

Method : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 2/24/2025 7:13 am

Compound #94: 2-Chlorotoluene



Original Peak Response = 5089267



Manual Peak Response = 4430028 M6

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

Evaluate Continuing Calibration Report

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N19.D
Acq On : 21 Feb 2025 5:47 am
Operator : ELAINE:PID
Sample : C8260STD10PPB
Misc : WG2033412,ICAL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 24 07:18:21 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	100	0.00
2	TP	Dichlorodifluoromethane	0.257	0.235	8.6	78	0.00
3	TP	Chloromethane	0.232	0.250	-7.8	95	0.00
4	TP	Vinyl chloride	0.301	0.321	-6.6	96	0.00
5	TP	Bromomethane	0.266	0.285	-7.1	98	0.00
6	TP	Chloroethane	0.231	0.255	-10.4	97	0.00
7	TP	Trichlorofluoromethane	0.519	0.576	-11.0	98	0.00
8	TP	Ethyl ether	0.155	0.180	-16.1	105	0.00
10	TP	1,1-Dichloroethene	0.281	0.279	0.7	90	0.00
11	TP	Carbon disulfide	0.792	0.568	28.3#	67	0.00
12	TP	Freon-113	0.270	0.235	13.0	82	0.00
13	TP	Iodomethane	0.273	0.285	-4.4	97	0.00
14	TP	Acrolein	0.022	0.020	9.1	94	0.00
15	TP	Methylene chloride	0.235	0.244	-3.8	98	0.00
17	TP	Acetone	0.040	0.047	-17.5	122	0.00
18	TP	trans-1,2-Dichloroethene	0.220	0.231	-5.0	96	0.00
19	TP	Methyl acetate	0.100	0.109	-9.0	103	0.00
21	TP	Methyl tert-butyl ether	0.519	0.477	8.1	92	0.00
22	TP	tert-Butyl alcohol	0.00946	0.00929#	1.8	92	0.00
24	TP	Diisopropyl ether	0.571	0.539	5.6	92	0.00
25	TP	1,1-Dichloroethane	0.407	0.435	-6.9	98	0.00
26	TP	Halothane	0.163	0.181	-11.0	99	0.00
27	TP	Acrylonitrile	0.051	0.057	-11.8	103	0.00
28	TP	Ethyl tert-butyl ether	0.554	0.519	6.3	95	0.00
29	TP	Vinyl acetate	0.405	0.295	27.2#	77	0.00
30	TP	cis-1,2-Dichloroethene	0.257	0.265	-3.1	95	0.00
31	TP	2,2-Dichloropropane	0.337	0.332	1.5	92	0.00
33	TP	Bromochloromethane	0.117	0.117	0.0	92	0.00
34	TP	Cyclohexane	0.378	0.375	0.8	87	0.00
35	TP	Chloroform	0.403	0.430	-6.7	98	0.00
36	TP	Ethyl acetate	0.133	0.128	3.8	98	0.00
37	TP	Carbon tetrachloride	0.298	0.307	-3.0	93	0.00
38	TP	Tetrahydrofuran	0.042	0.045	-7.1	98	-0.01
39	S	Dibromofluoromethane	0.273	0.292	-7.0	104	0.00
40	TP	1,1,1-Trichloroethane	0.332	0.375	-13.0	100	0.00
42	TP	2-Butanone	0.056	0.058	-3.6	104	0.00
43	TP	1,1-Dichloropropene	0.269	0.288	-7.1	101	0.00
45	TP	Benzene	0.888	0.866	2.5	95	0.00
46	TP	tert-Amyl methyl ether	0.524	0.478	8.8	92	0.00

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N19.D
Acq On : 21 Feb 2025 5:47 am
Operator : ELAINE:PID
Sample : C8260STD10PPB
Misc : WG2033412,ICAL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 24 07:18:21 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47	S	1,2-Dichloroethane-d4	0.289	0.306	-5.9	102	0.00
48	T	1,2-Dichloroethane	0.280	0.286	-2.1	95	0.00
51	TP	Methyl cyclohexane	0.394	0.374	5.1	90	0.00
52	TP	Trichloroethene	0.215	0.222	-3.3	98	0.00
54	TP	Dibromomethane	0.135	0.134	0.7	94	0.00
55	TP	1,2-Dichloropropane	0.209	0.211	-1.0	94	0.00
57	TP	2-Chloroethyl vinyl ether	0.087	0.088	-1.1	99	0.00
58	TP	Bromodichloromethane	0.300	0.294#	2.0	93	0.00
61	TP	1,4-Dioxane	0.00108	0.00104#	3.7	87	0.00
62	TP	cis-1,3-Dichloropropene	0.325	0.323	0.6	94	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64	S	Toluene-d8	1.323	1.354	-2.3	100	0.00
65	TP	Toluene	0.748	0.769	-2.8	97	0.00
66	TP	4-Methyl-2-pentanone	0.064	0.063	1.6	101	0.00
67	TP	Tetrachloroethene	0.288	0.296	-2.8	98	0.00
69	TP	trans-1,3-Dichloropropene	0.362	0.347	4.1	96	0.00
71	TP	Ethyl methacrylate	0.255	0.275	-7.8	99	0.00
72	TP	1,1,2-Trichloroethane	0.188	0.170#	9.6	91	0.00
73	TP	Chlorodibromomethane	0.261	0.232	11.1	92	0.00
74	TP	1,3-Dichloropropane	0.388	0.358	7.7	90	0.00
75	TP	1,2-Dibromoethane	0.215	0.202	6.0	91	0.00
77	TP	2-Hexanone	0.102	0.099	2.9	92	0.00
78	TP	Chlorobenzene	0.851	0.842	1.1	96	0.00
79	TP	Ethylbenzene	1.497	1.436	4.1	93	0.00
80	TP	1,1,1,2-Tetrachloroethane	0.265	0.235	11.3	91	0.00
81	TP	p/m Xylene	0.613	0.574	6.4	96	0.00
82	TP	o Xylene	0.610	0.558	8.5	95	0.00
83	TP	Styrene	1.039	0.929	10.6	96	0.00
84	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
85	TP	Bromoform	* 10.000	8.447	15.5	94	0.00
87	TP	Isopropylbenzene	2.758	2.385	13.5	84	0.00
88	S	4-Bromofluorobenzene	0.800	0.824	-3.0	100	0.00
89	TP	Bromobenzene	0.615	0.589	4.2	92	0.00
90	TP	n-Propylbenzene	3.325	3.264	1.8	95	0.00
91	TP	1,4-Dichlorobutane	0.607	0.654	-7.7	101	0.00
92	TP	1,1,2,2-Tetrachloroethane	0.469	0.444	5.3	88	0.00
93	TP	4-Ethyltoluene	2.748	2.866	-4.3	100	0.00

Evaluate Continuing Calibration Report

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N19.D
Acq On : 21 Feb 2025 5:47 am
Operator : ELAINE:PID
Sample : C8260STD10PPB
Misc : WG2033412,ICAL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 24 07:18:21 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94 TP	2-Chlorotoluene	1.887	1.846	2.2	95	0.00
95 TP	1,3,5-Trimethylbenzene	2.450	2.263	7.6	92	0.00
96 TP	1,2,3-Trichloropropane	0.396	0.357	9.8	86	0.00
97 TP	trans-1,4-Dichloro-2-butene	0.135	0.127	5.9	94	0.00
98 TP	4-Chlorotoluene	1.958	1.881	3.9	94	0.00
99 TP	tert-Butylbenzene	2.042	1.966	3.7	95	0.00
102 TP	1,2,4-Trimethylbenzene	2.398	2.284	4.8	95	0.00
103 TP	sec-Butylbenzene	3.096	2.943	4.9	94	0.00
104 TP	p-Isopropyltoluene	2.714	2.538	6.5	94	0.00
105 TP	1,3-Dichlorobenzene	1.339	1.286	4.0	98	0.00
106 TP	1,4-Dichlorobenzene	1.332	1.299	2.5	98	0.00
107 TP	p-Diethylbenzene	1.609	1.527	5.1	95	0.00
108 TP	n-Butylbenzene	2.328	2.300	1.2	98	0.00
109 TP	1,2-Dichlorobenzene	1.258	1.223	2.8	98	0.00
110 TP	1,2,4,5-Tetramethylbenzene	2.538	2.328	8.3	95	0.00
111 TP	1,2-Dibromo-3-chloropropane *	10.000	9.355	6.4	95	0.00
112 TP	1,3,5-Trichlorobenzene	0.921	0.856	7.1	96	0.00
113 TP	Hexachlorobutadiene	0.243	0.245	-0.8	96	0.00
114 TP	1,2,4-Trichlorobenzene	0.793	0.771	2.8	98	0.00
115 TP	Naphthalene	1.887	1.864	1.2	98	0.00
116 TP	1,2,3-Trichlorobenzene	0.727	0.719	1.1	101	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 4 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N19.D
Acq On : 21 Feb 2025 5:47 am
Operator : ELAINE:PID
Sample : C8260STD10PPB
Misc : WG2033412,ICAL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 24 07:18:21 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.772	96	193314	10.000	ug/L	0.00
Standard Area 1 = 193689			Recovery = 99.81%			
63) Chlorobenzene-d5	9.283	117	150107	10.000	ug/L	0.00
Standard Area 1 = 149882			Recovery = 100.15%			
84) 1,4-Dichlorobenzene-d4	12.032	152	81715	10.000	ug/L	0.00
Standard Area 1 = 78717			Recovery = 103.81%			
System Monitoring Compounds						
39) Dibromofluoromethane	4.977	113	56534	10.716	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.16%			
47) 1,2-Dichloroethane-d4	5.490	65	59066	10.576	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.76%			
64) Toluene-d8	7.450	98	203309	10.237	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.37%			
88) 4-Bromofluorobenzene	10.802	95	67311	10.293	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.93%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.519	85	45365	9.121	ug/L	99
3) Chloromethane	1.703	50	48237	10.758	ug/L	99
4) Vinyl chloride	1.770	62	62063	10.658	ug/L	99
5) Bromomethane	2.063	94	55094	10.719	ug/L	95
6) Chloroethane	2.177	64	49322	11.063	ug/L	100
7) Trichlorofluoromethane	2.308	101	111412	11.098	ug/L	100
8) Ethyl ether	2.590	74	34743	11.616	ug/L	99
10) 1,1-Dichloroethene	2.771	96	53935	9.932	ug/L	97
11) Carbon disulfide	2.802	76	109734	7.170	ug/L	100
12) Freon-113	2.807	101	45356	8.700	ug/L	100
13) Iodomethane	2.908	142	55088	10.422	ug/L	99
14) Acrolein	3.081	56	3928	9.062	ug/L	97
15) Methylene chloride	3.315	84	47238	10.377	ug/L	97
17) Acetone	3.348	43	9071	11.729	ug/L	94
18) trans-1,2-Dichloroethene	3.463	96	44646	10.486	ug/L	98
19) Methyl acetate	3.468	43	21057M6	10.919	ug/L	
21) Methyl tert-butyl ether	3.555	73	92164	9.179	ug/L #	97
22) tert-Butyl alcohol	3.647	59	8976	49.105	ug/L #	100
24) Diisopropyl ether	3.906	45	104229	9.439	ug/L	99
25) 1,1-Dichloroethane	4.032	63	84003	10.676	ug/L	99
26) Halothane	4.082	117	35054	11.135	ug/L	99

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N19.D
Acq On : 21 Feb 2025 5:47 am
Operator : ELAINE:PID
Sample : C8260STD10PPB
Misc : WG2033412,ICAL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 24 07:18:21 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) Acrylonitrile	4.068	53	11091	11.252	ug/L		97
28) Ethyl tert-butyl ether	4.252	59	100421	9.376	ug/L		92
29) Vinyl acetate	4.257	43	56980	7.286	ug/L		99
30) cis-1,2-Dichloroethene	4.534	96	51224	10.323	ug/L		98
31) 2,2-Dichloropropane	4.634	77	64093	9.824	ug/L	#	76
33) Bromochloromethane	4.723	128	22691	10.024	ug/L		96
34) Cyclohexane	4.734	56	72448	9.902	ug/L		97
35) Chloroform	4.804	83	83097	10.662	ug/L		97
36) Ethyl acetate	4.907	43	24839	9.677	ug/L		99
37) Carbon tetrachloride	4.930	117	59438M6	10.306	ug/L		
38) Tetrahydrofuran	4.935	42	8664M6	10.698	ug/L		
40) 1,1,1-Trichloroethane	4.991	97	72457	11.304	ug/L		97
42) 2-Butanone	5.083	43	11202	10.395	ug/L		93
43) 1,1-Dichloropropene	5.114	75	55767	10.707	ug/L		99
45) Benzene	5.356	78	167327	9.752	ug/L		99
46) tert-Amyl methyl ether	5.468	73	92486	9.126	ug/L		99
48) 1,2-Dichloroethane	5.557	62	55197	10.186	ug/L		99
51) Methyl cyclohexane	5.933	83	72306	9.488	ug/L		98
52) Trichloroethene	5.953	95	42903	10.304	ug/L		99
54) Dibromomethane	6.388	93	25930	9.954	ug/L		99
55) 1,2-Dichloropropane	6.483	63	40820	10.111	ug/L		99
57) 2-Chloroethyl vinyl ether	7.186	63	16952	10.034	ug/L		98
58) Bromodichloromethane	6.561	83	56765	9.784	ug/L		98
61) 1,4-Dioxane	6.770	88	10035	482.430	ug/L		99
62) cis-1,3-Dichloropropene	7.244	75	62358	9.928	ug/L		97
65) Toluene	7.509	92	115438	10.283	ug/L		97
66) 4-Methyl-2-pentanone	7.944	58	9468	9.889	ug/L		95
67) Tetrachloroethene	7.952	166	44406	10.282	ug/L		98
69) trans-1,3-Dichloropropene	7.991	75	52057	9.590	ug/L		99
71) Ethyl methacrylate	8.181	69	41315	10.777	ug/L		98
72) 1,1,2-Trichloroethane	8.170	83	25593	9.079	ug/L		97
73) Chlorodibromomethane	8.382	129	34885	8.892	ug/L		98
74) 1,3-Dichloropropane	8.493	76	53726	9.220	ug/L		98
75) 1,2-Dibromoethane	8.652	107	30297	9.389	ug/L		96
77) 2-Hexanone	8.940	43	14933	9.792	ug/L		94
78) Chlorobenzene	9.299	112	126459	9.902	ug/L		99
79) Ethylbenzene	9.341	91	215583	9.592	ug/L		99
80) 1,1,1,2-Tetrachloroethane	9.386	131	35345	8.878	ug/L		99
81) p/m Xylene	9.528	106	172248	18.734	ug/L		97
82) o Xylene	10.077	106	167450	18.296	ug/L		98

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N19.D
Acq On : 21 Feb 2025 5:47 am
Operator : ELAINE:PID
Sample : C8260STD10PPB
Misc : WG2033412,ICAL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 24 07:18:21 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250220NICAL\VE250220N10.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Styrene	10.144	104	279010	17.897	ug/L	100
85) Bromoform	10.172	173	19408	8.447	ug/L	99
87) Isopropylbenzene	10.473	105	194901	8.647	ug/L	99
89) Bromobenzene	10.914	156	48158	9.578	ug/L	99
90) n-Propylbenzene	10.964	91	266714	9.817	ug/L	100
91) 1,4-Dichlorobutane	10.978	55	53455	10.771	ug/L	99
92) 1,1,2,2-Tetrachloroethane	11.059	83	36249	9.468	ug/L	99
93) 4-Ethyltoluene	11.095	105	234217	10.428	ug/L	100
94) 2-Chlorotoluene	11.134	91	150820M6	9.782	ug/L	
95) 1,3,5-Trimethylbenzene	11.193	105	184940	9.239	ug/L	99
96) 1,2,3-Trichloropropane	11.196	75	29174M6	9.007	ug/L	
97) trans-1,4-Dichloro-2-b...	11.251	53	10338	9.383	ug/L	98
98) 4-Chlorotoluene	11.321	91	153744	9.609	ug/L	100
99) tert-Butylbenzene	11.541	119	160644	9.629	ug/L	99
102) 1,2,4-Trimethylbenzene	11.619	105	186620	9.523	ug/L	98
103) sec-Butylbenzene	11.734	105	240484	9.507	ug/L	99
104) p-Isopropyltoluene	11.893	119	207386	9.351	ug/L	99
105) 1,3-Dichlorobenzene	11.954	146	105104	9.606	ug/L	99
106) 1,4-Dichlorobenzene	12.049	146	106167	9.752	ug/L	99
107) p-Diethylbenzene	12.269	119	124786	9.492	ug/L	99
108) n-Butylbenzene	12.328	91	187969	9.881	ug/L	99
109) 1,2-Dichlorobenzene	12.476	146	99967	9.726	ug/L	100
110) 1,2,4,5-Tetramethylben...	13.070	119	190194	9.171	ug/L	100
111) 1,2-Dibromo-3-chloropr...	13.262	155	5545	9.355	ug/L	99
112) 1,3,5-Trichlorobenzene	13.293	180	69968	9.294	ug/L	99
113) Hexachlorobutadiene	13.870	225	20045	10.110	ug/L	97
114) 1,2,4-Trichlorobenzene	13.895	180	63012	9.722	ug/L	99
115) Naphthalene	14.188	128	152282	9.875	ug/L	100
116) 1,2,3-Trichlorobenzene	14.358	180	58768	9.889	ug/L	97

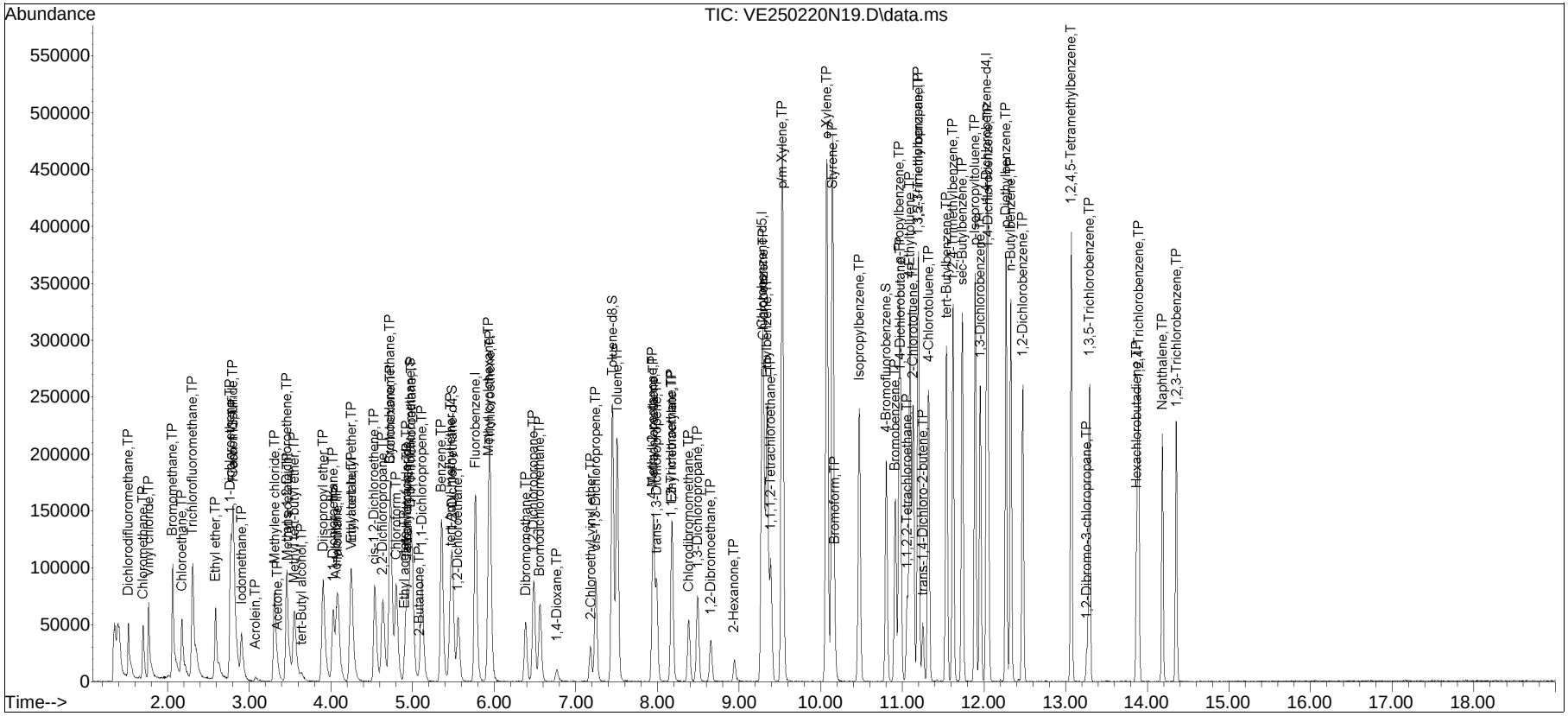
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250220NICAL\
Data File : VE250220N19.D
Acq On : 21 Feb 2025 5:47 am
Operator : ELAINE:PID
Sample : C8260STD10PPB
Misc : WG2033412,ICAL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 24 07:18:21 2025
Quant Method : K:\Elaine\2025\250220NICAL\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox\VE250220N10.D•

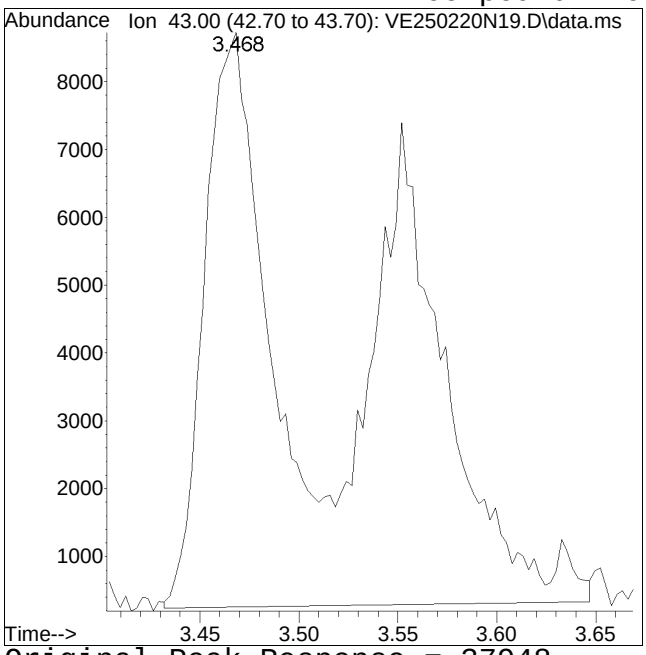


Manual Integration Report

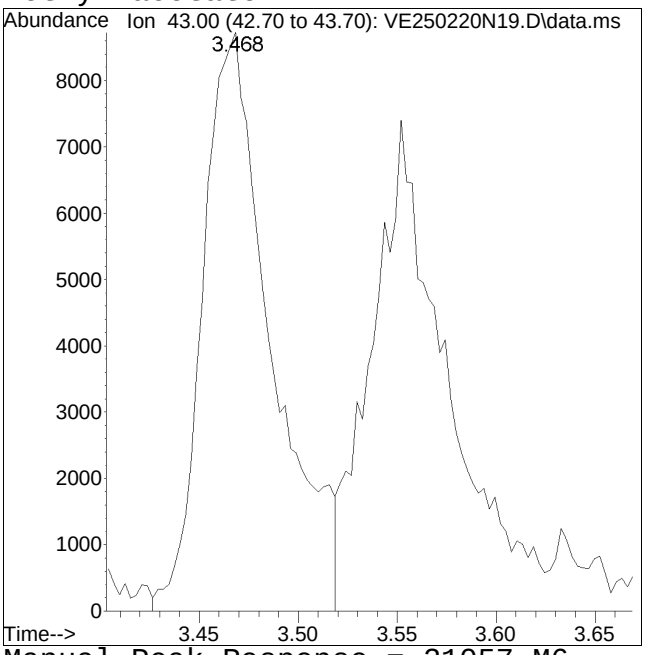
Data Path : K:\Elaine\2025\250220NICALQ
Data File : VE250220N19.D
Date Inj'd : 2/21/2025 5:47 am
Sample : C8260STD10PPB

Method : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 2/24/2025 7:17 am

Compound #19: Methyl acetate



Original Peak Response = 37948



Manual Peak Response = 21057 M6

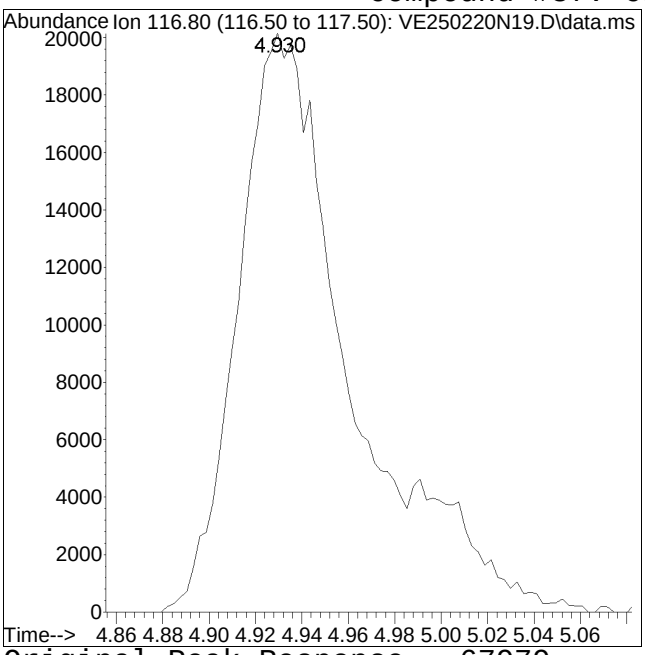
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

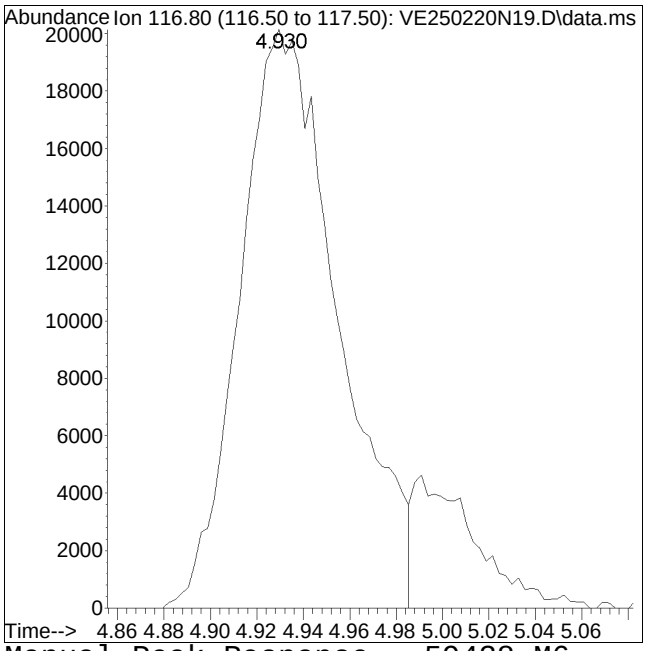
Data Path : K:\Elaine\2025\250220NICALQ
Data File : VE250220N19.D
Date Inj'd : 2/21/2025 5:47 am
Sample : C8260STD10PPB

Method : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 2/24/2025 7:17 am

Compound #37: Carbon tetrachloride



Original Peak Response = 67979



Manual Peak Response = 59438 M6

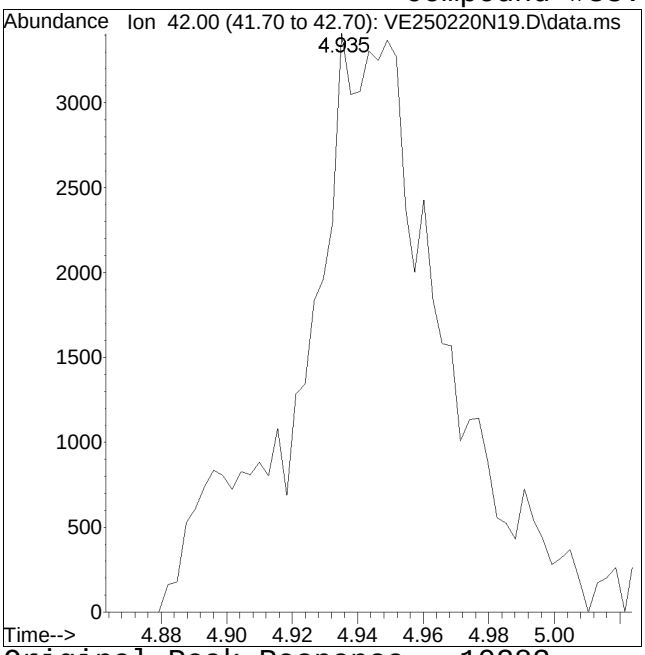
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

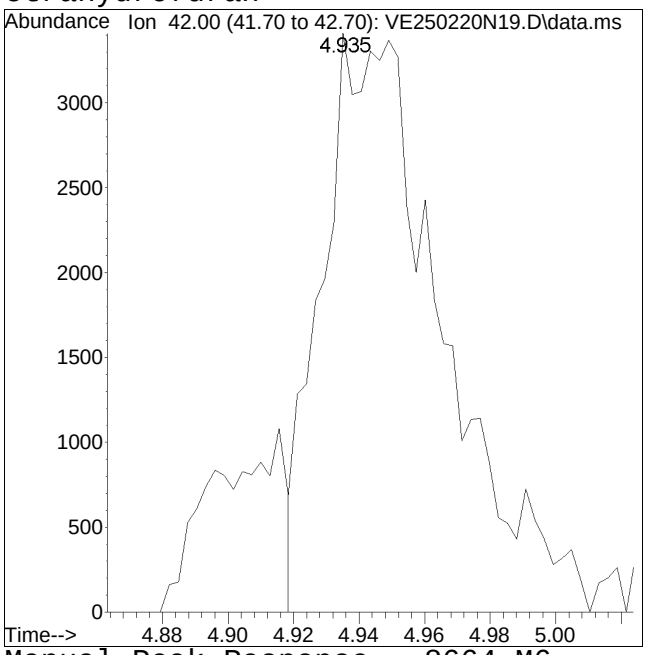
Data Path : K:\Elaine\2025\250220NICALQ
Data File : VE250220N19.D
Date Inj'd : 2/21/2025 5:47 am
Sample : C8260STD10PPB

Method : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 2/24/2025 7:17 am

Compound #38: Tetrahydrofuran



Original Peak Response = 10283



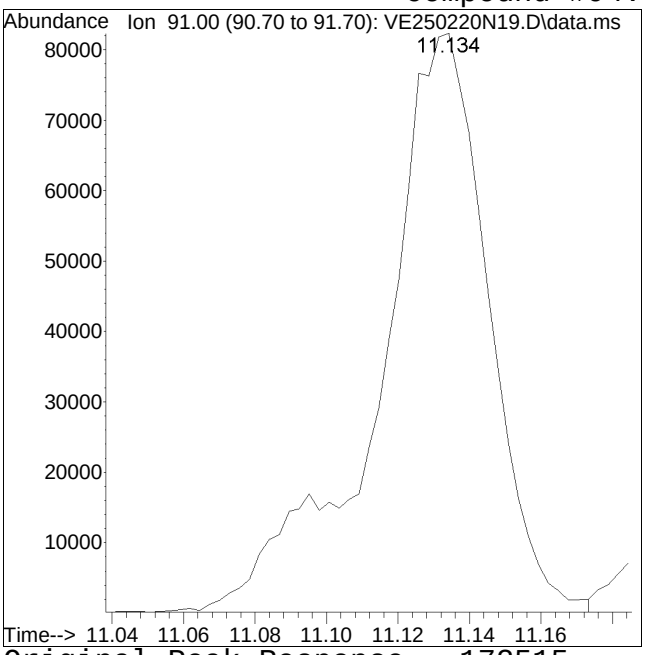
Manual Peak Response = 8664 M6

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

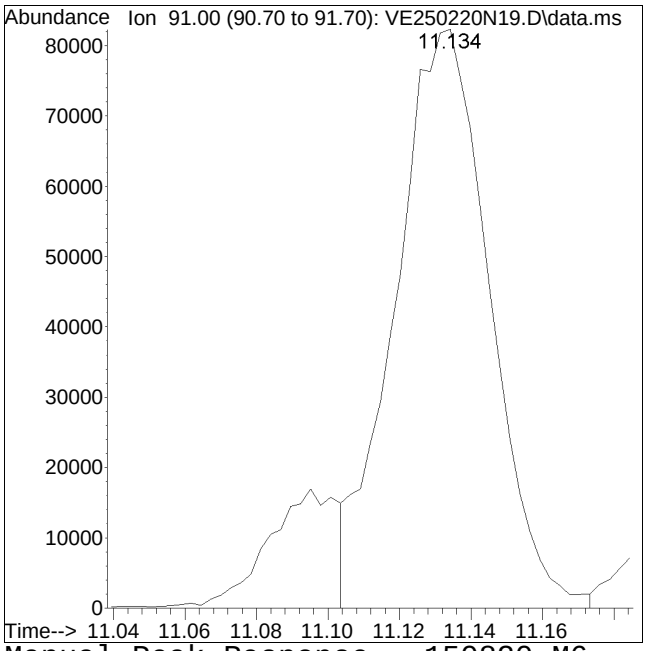
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N19.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 5:47 am Instrument : Elaine
Sample : C8260STD10PPB Quant Date : 2/24/2025 7:17 am

Compound #94: 2-Chlorotoluene



Original Peak Response = 172515



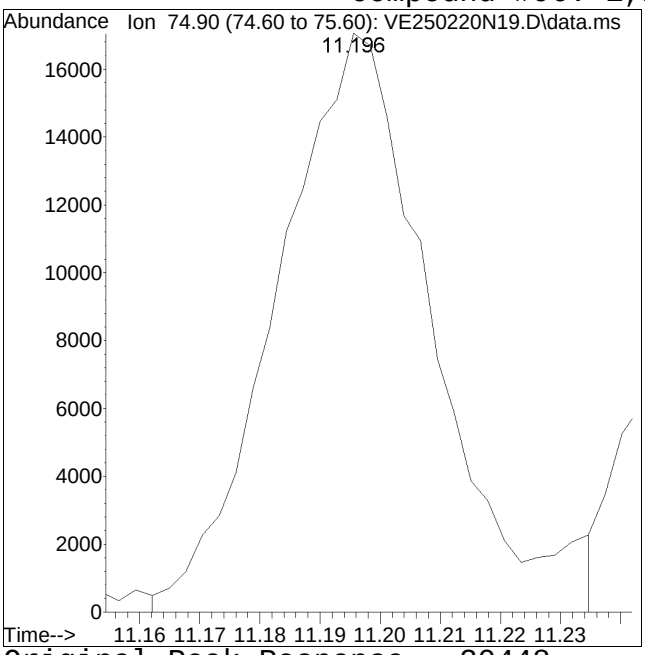
Manual Peak Response = 150820 M6

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

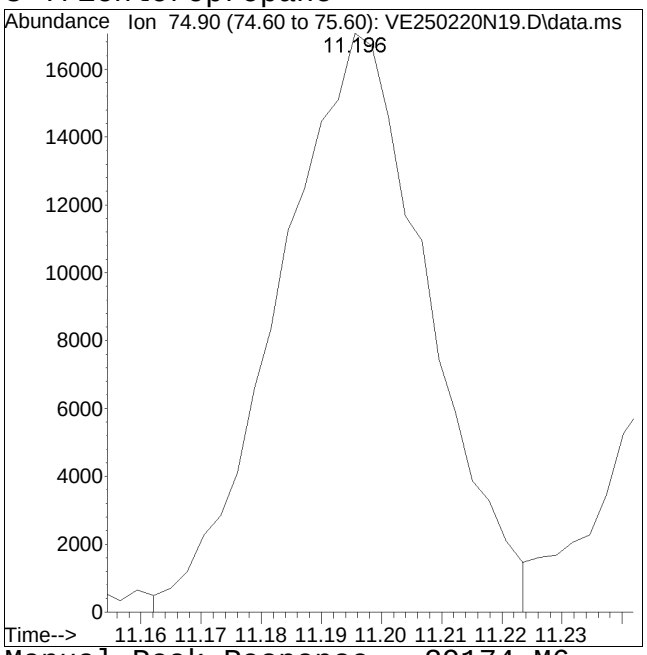
Manual Integration Report

Data Path : K:\Elaine\2025\250220NICALQMethod : Elaine_250220N_8260.m
Data File : VE250220N19.D Operator : ELAINE:PID
Date Inj'd : 2/21/2025 5:47 am Instrument : Elaine
Sample : C8260STD10PPB Quant Date : 2/24/2025 7:17 am

Compound #96: 1,2,3-Trichloropropane



Original Peak Response = 30448



Manual Peak Response = 29174 M6

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

Evaluate Relative Error Report Elaine

Method Path : K:\Elaine\2025\250220NICAL\
Method File : Elaine_250220N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Feb 24 07:16:52 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
85	TP Bromoform	Q	ug/L	10.0	9.303	-7.0	0.50	0.603	20.6
111	TP 1,2-Dibromo-3-chloropropane	L	ug/L	10.0	10.202	2.0	0.50	0.543	8.6

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
85	TP Bromoform	Quadratic	0.999622	0.002587	0.290021	-0.00932533
111	TP 1,2-Dibromo-3-chloropropane	Linear	0.999353	0.000000	0.0753717	-0.00265386

Continuing Calibration

Calibration Verification Summary
Form 7
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368		
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504		
Instrument ID	: VOA105	**Calibration Date**	: 03/12/25 06:56		
Lab File ID	: V05250312A01	**Init. Calib. Date(s)**	: 02/21/25	02/21/25	
Sample No	: WG2039666-2	**Init. Calib. Times**	: 00:05	03:54	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	166	0
Dichlorodifluoromethane	0.299	0.222	-	25.8*	20	109	0
Chloromethane	0.385	0.26	-	32.5*	20	105	0
Vinyl chloride	0.258	0.262	-	-1.6	20	162	0
Bromomethane	0.116	0.067	-	42.2*	20	103	0
Chloroethane	0.13	0.151	-	-16.2	20	177	0
Trichlorofluoromethane	0.346	0.307	-	11.3	20	130	0
Ethyl ether	0.072	0.088	-	-22.2*	20	190	0
1,1-Dichloroethene	0.165	0.18	-	-9.1	20	165	0
Carbon disulfide	0.509	0.574	-	-12.8	20	178	0
Freon-113	0.186	0.184	-	1.1	20	148	0
Acrolein	0.029	0.032	-	-10.3	20	186	0
Methylene chloride	0.235	0.227	-	3.4	20	155	0
Acetone	10	8.072	-	19.3	20	128	0
trans-1,2-Dichloroethene	0.225	0.23	-	-2.2	20	156	0
Methyl acetate	0.112	0.103	-	8	20	148	0
Methyl tert-butyl ether	0.458	0.464	-	-1.3	20	162	0
tert-Butyl alcohol	0.01	0.01	-	0	20	162	0
Diisopropyl ether	0.866	0.811	-	6.4	20	147	0
1,1-Dichloroethane	0.477	0.461	-	3.4	20	147	0
Halothane	0.179	0.168	-	6.1	20	141	0
Acrylonitrile	0.066	0.056	-	15.2	20	135	0
Ethyl tert-butyl ether	0.676	0.617	-	8.7	20	145	0
Vinyl acetate	0.427	0.413	-	3.3	20	167	0
cis-1,2-Dichloroethene	0.245	0.25	-	-2	20	155	0
2,2-Dichloropropane	0.326	0.319	-	2.1	20	157	0
Bromochloromethane	0.12	0.115	-	4.2	20	141	0
Cyclohexane	10	7.825	-	21.7*	20	127	0
Chloroform	0.414	0.39	-	5.8	20	144	0
Ethyl acetate	0.168	0.15	-	10.7	20	141	0
Carbon tetrachloride	0.345	0.286	-	17.1	20	123	0
Tetrahydrofuran	0.051	0.05	-	2	20	155	0
Dibromofluoromethane	0.28	0.262	-	6.4	20	152	0
1,1,1-Trichloroethane	0.376	0.327	-	13	20	131	0
2-Butanone	0.083	0.081	-	2.4	20	147	0
1,1-Dichloropropene	10	9.463	-	5.4	20	147	0
Benzene	0.849	0.881	-	-3.8	20	157	0
tert-Amyl methyl ether	0.444	0.432	-	2.7	20	161	0
1,2-Dichloroethane-d4	0.323	0.31	-	4	20	149	0
1,2-Dichloroethane	0.318	0.287	-	9.7	20	136	0
Methyl cyclohexane	0.404	0.368	-	8.9	20	138	0
Trichloroethene	0.242	0.235	-	2.9	20	146	0
Dibromomethane	0.123	0.119	-	3.3	20	148	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368		
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504		
Instrument ID	: VOA105	**Calibration Date**	: 03/12/25 06:56		
Lab File ID	: V05250312A01	**Init. Calib. Date(s)**	: 02/21/25	02/21/25	
Sample No	: WG2039666-2	**Init. Calib. Times**	: 00:05	03:54	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.259	0.245	-	5.4	20	149	0
Bromodichloromethane	0.304	0.281*	-	7.6	20	146	0
1,4-Dioxane	0.00108	0.00115*	-	-6.5	20	166	0
cis-1,3-Dichloropropene	10	9.391	-	6.1	20	157	0
Chlorobenzene-d5	1	1	-	0	20	163	0
Toluene-d8	1.302	1.277	-	1.9	20	158	0
Toluene	0.723	0.698	-	3.5	20	144	0
4-Methyl-2-pentanone	0.074	0.064	-	13.5	20	144	0
Tetrachloroethene	0.347	0.319	-	8.1	20	133	0
trans-1,3-Dichloropropene	10	9.269	-	7.3	20	152	0
Ethyl methacrylate	0.22	0.215	-	2.3	20	163	0
1,1,2-Trichloroethane	0.178	0.18*	-	-1.1	20	150	0
Chlorodibromomethane	0.289	0.264	-	8.7	20	139	0
1,3-Dichloropropane	0.374	0.38	-	-1.6	20	154	0
1,2-Dibromoethane	0.214	0.202	-	5.6	20	144	0
2-Hexanone	0.12	0.104	-	13.3	20	144	0
Chlorobenzene	0.863	0.825	-	4.4	20	144	0
Ethylbenzene	1.39	1.353	-	2.7	20	144	0
1,1,1,2-Tetrachloroethane	0.312	0.277	-	11.2	20	134	0
p/m Xylene	0.538	0.534	-	0.7	20	142	0
o Xylene	0.516	0.512	-	0.8	20	143	0
Styrene	0.834	0.846	-	-1.4	20	146	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	152	0
Bromoform	10	8.323	-	16.8	20	136	0
Isopropylbenzene	2.449	2.458	-	-0.4	20	139	0
4-Bromofluorobenzene	0.799	0.85	-	-6.4	20	164	0
Bromobenzene	0.607	0.598	-	1.5	20	143	0
n-Propylbenzene	2.83	2.892	-	-2.2	20	144	0
1,4-Dichlorobutane	0.764	0.705	-	7.7	20	134	0
1,1,2,2-Tetrachloroethane	0.422	0.432	-	-2.4	20	149	0
4-Ethyltoluene	2.408	2.428	-	-0.8	20	140	0
2-Chlorotoluene	1.682	1.707	-	-1.5	20	143	0
1,3,5-Trimethylbenzene	2.113	2.044	-	3.3	20	134	0
1,2,3-Trichloropropane	0.334	0.345	-	-3.3	20	149	0
trans-1,4-Dichloro-2-buten	0.149	0.136	-	8.7	20	131	0
4-Chlorotoluene	1.735	1.729	-	0.3	20	145	0
tert-Butylbenzene	1.844	1.818	-	1.4	20	138	0
1,2,4-Trimethylbenzene	2.015	1.987	-	1.4	20	136	0
sec-Butylbenzene	2.598	2.608	-	-0.4	20	139	0
p-Isopropyltoluene	2.307	2.303	-	0.2	20	138	0
1,3-Dichlorobenzene	1.22	1.198	-	1.8	20	140	0
1,4-Dichlorobenzene	1.254	1.221	-	2.6	20	141	0
p-Diethylbenzene	1.354	1.34	-	1	20	140	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368		
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504		
Instrument ID	: VOA105	**Calibration Date**	: 03/12/25 06:56		
Lab File ID	: V05250312A01	**Init. Calib. Date(s)**	: 02/21/25	02/21/25	
Sample No	: WG2039666-2	**Init. Calib. Times**	: 00:05	03:54	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	1.826	1.865	-	-2.1	20	143	0
1,2-Dichlorobenzene	1.105	1.081	-	2.2	20	139	0
1,2,4,5-Tetramethylbenzene	2.061	1.832	-	11.1	20	135	0
1,2-Dibromo-3-chloropropan	10	8.823	-	11.8	20	142	0
1,3,5-Trichlorobenzene	0.812	0.791	-	2.6	20	138	0
Hexachlorobutadiene	0.284	0.268	-	5.6	20	138	0
1,2,4-Trichlorobenzene	0.677	0.663	-	2.1	20	140	0
Naphthalene	1.356	1.384	-	-2.1	20	143	0
1,2,3-Trichlorobenzene	0.568	0.575	-	-1.2	20	140	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368		
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504		
Instrument ID	: VOA101	**Calibration Date**	: 03/12/25 07:29		
Lab File ID	: V01250312A01	**Init. Calib. Date(s)**	: 02/08/25	02/08/25	
Sample No	: WG2039675-2	**Init. Calib. Times**	: 01:30	05:51	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	98	0
Dichlorodifluoromethane	0.266	0.252	-	5.3	20	89	0
Chloromethane	0.492	0.453	-	7.9	20	95	0
Vinyl chloride	0.31	0.326	-	-5.2	20	103	0
Bromomethane	10	12.618	-	-26.2*	20	143	0
Chloroethane	0.148	0.174	-	-17.6	20	115	0
Trichlorofluoromethane	0.323	0.338	-	-4.6	20	100	0
Ethyl ether	0.082	0.086	-	-4.9	20	108	0
1,1-Dichloroethene	0.218	0.216	-	0.9	20	98	0
Carbon disulfide	0.721	0.713	-	1.1	20	101	0
Freon-113	0.222	0.222	-	0	20	95	0
Acrolein	0.032	0.029	-	9.4	20	90	0
Methylene chloride	0.26	0.251	-	3.5	20	98	0
Acetone	10	8.933	-	10.7	20	96	0
trans-1,2-Dichloroethene	0.243	0.245	-	-0.8	20	99	0
Methyl acetate	0.126	0.127	-	-0.8	20	102	0
Methyl tert-butyl ether	0.509	0.478	-	6.1	20	96	0
tert-Butyl alcohol	0.013	0.013	-	0	20	102	0
Diisopropyl ether	1.021	1.026	-	-0.5	20	98	0
1,1-Dichloroethane	0.523	0.534	-	-2.1	20	100	0
Halothane	0.177	0.172	-	2.8	20	93	0
Acrylonitrile	0.06	0.058	-	3.3	20	95	0
Ethyl tert-butyl ether	0.743	0.729	-	1.9	20	98	0
Vinyl acetate	0.516	0.521	-	-1	20	99	0
cis-1,2-Dichloroethene	0.266	0.265	-	0.4	20	99	0
2,2-Dichloropropane	0.321	0.362	-	-12.8	20	113	0
Bromochloromethane	0.105	0.108	-	-2.9	20	98	0
Cyclohexane	0.55	0.554	-	-0.7	20	95	0
Chloroform	0.432	0.439	-	-1.6	20	98	0
Ethyl acetate	0.167	0.171	-	-2.4	20	98	0
Carbon tetrachloride	0.315	0.308	-	2.2	20	94	0
Tetrahydrofuran	0.052	0.054	-	-3.8	20	99	0
Dibromofluoromethane	0.254	0.26	-	-2.4	20	101	0
1,1,1-Trichloroethane	0.371	0.376	-	-1.3	20	97	0
2-Butanone	0.072	0.073	-	-1.4	20	105	0
1,1-Dichloropropene	0.323	0.321	-	0.6	20	94	0
Benzene	0.946	0.97	-	-2.5	20	99	0
tert-Amyl methyl ether	0.509	0.498	-	2.2	20	101	0
1,2-Dichloroethane-d4	0.292	0.293	-	-0.3	20	100	0
1,2-Dichloroethane	0.312	0.312	-	0	20	97	0
Methyl cyclohexane	0.425	0.428	-	-0.7	20	96	0
Trichloroethene	0.261	0.264	-	-1.1	20	100	0
Dibromomethane	0.12	0.118	-	1.7	20	96	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368		
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504		
Instrument ID	: VOA101	**Calibration Date**	: 03/12/25 07:29		
Lab File ID	: V01250312A01	**Init. Calib. Date(s)**	: 02/08/25	02/08/25	
Sample No	: WG2039675-2	**Init. Calib. Times**	: 01:30	05:51	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.289	0.288	-	0.3	20	100	0
Bromodichloromethane	0.321	0.321	-	0	20	100	0
1,4-Dioxane	0.00128	0.00125*	-	2.3	20	91	0
cis-1,3-Dichloropropene	10	8.99	-	10.1	20	99	0
Chlorobenzene-d5	1	1	-	0	20	97	0
Toluene-d8	1.329	1.356	-	-2	20	99	0
Toluene	0.799	0.829	-	-3.8	20	101	0
4-Methyl-2-pentanone	0.077	0.066	-	14.3	20	93	0
Tetrachloroethene	0.32	0.348	-	-8.7	20	102	0
trans-1,3-Dichloropropene	10	9.174	-	8.3	20	95	0
Ethyl methacrylate	0.27	0.23	-	14.8	20	93	0
1,1,2-Trichloroethane	0.2	0.207	-	-3.5	20	99	0
Chlorodibromomethane	0.276	0.266	-	3.6	20	95	0
1,3-Dichloropropane	0.41	0.415	-	-1.2	20	97	0
1,2-Dibromoethane	0.217	0.214	-	1.4	20	95	0
2-Hexanone	0.135	0.116	-	14.1	20	96	0
Chlorobenzene	0.887	0.922	-	-3.9	20	100	0
Ethylbenzene	1.543	1.609	-	-4.3	20	98	0
1,1,1,2-Tetrachloroethane	0.311	0.313	-	-0.6	20	97	0
p/m Xylene	0.589	0.634	-	-7.6	20	101	0
o Xylene	0.568	0.603	-	-6.2	20	99	0
Styrene	0.871	0.943	-	-8.3	20	100	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	96	0
Bromoform	0.278	0.257	-	7.6	20	92	0
Isopropylbenzene	2.756	2.886	-	-4.7	20	99	0
4-Bromofluorobenzene	0.979	0.956	-	2.3	20	94	0
Bromobenzene	0.622	0.658	-	-5.8	20	100	0
n-Propylbenzene	3.228	3.553	-	-10.1	20	103	0
1,4-Dichlorobutane	0.845	0.882	-	-4.4	20	100	0
1,1,2,2-Tetrachloroethane	0.488	0.508	-	-4.1	20	99	0
4-Ethyltoluene	2.673	2.84	-	-6.2	20	101	0
2-Chlorotoluene	1.967	2.102	-	-6.9	20	102	0
1,3,5-Trimethylbenzene	2.212	2.34	-	-5.8	20	101	0
1,2,3-Trichloropropane	0.386	0.39	-	-1	20	98	0
trans-1,4-Dichloro-2-buten	0.108	0.098	-	9.3	20	96	0
4-Chlorotoluene	1.955	2.085	-	-6.6	20	102	0
tert-Butylbenzene	1.907	1.998	-	-4.8	20	99	0
1,2,4-Trimethylbenzene	2.097	2.26	-	-7.8	20	101	0
sec-Butylbenzene	2.665	2.902	-	-8.9	20	103	0
p-Isopropyltoluene	2.268	2.416	-	-6.5	20	101	0
1,3-Dichlorobenzene	1.131	1.221	-	-8	20	104	0
1,4-Dichlorobenzene	1.159	1.211	-	-4.5	20	103	0
p-Diethylbenzene	1.284	1.347	-	-4.9	20	101	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368		
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504		
Instrument ID	: VOA101	**Calibration Date**	: 03/12/25 07:29		
Lab File ID	: V01250312A01	**Init. Calib. Date(s)**	: 02/08/25	02/08/25	
Sample No	: WG2039675-2	**Init. Calib. Times**	: 01:30	05:51	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	1.826	2.038	-	-11.6	20	107	0
1,2-Dichlorobenzene	1.002	1.053	-	-5.1	20	102	0
1,2,4,5-Tetramethylbenzene	1.71	1.673	-	2.2	20	95	0
1,2-Dibromo-3-chloropropan	10	8.237	-	17.6	20	88	0
1,3,5-Trichlorobenzene	0.614	0.653	-	-6.4	20	105	0
Hexachlorobutadiene	0.224	0.238	-	-6.2	20	104	0
1,2,4-Trichlorobenzene	0.474	0.443	-	6.5	20	94	0
Naphthalene	0.867	0.665	-	23.3*	20	80	0
1,2,3-Trichlorobenzene	0.362	0.314*	-	13.3	20	87	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368		
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504		
Instrument ID	: VOA122	**Calibration Date**	: 03/12/25 08:10		
Lab File ID	: V22250312A04	**Init. Calib. Date(s)**	: 02/14/25	02/14/25	
Sample No	: WG2039694-2	**Init. Calib. Times**	: 12:39	16:19	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	72	0
Dichlorodifluoromethane	0.145	0.145	-	0	20	64	0
Chloromethane	0.14	0.172	-	-22.9*	20	84	0
Vinyl chloride	10	10.45	-	-4.5	20	64	0
Bromomethane	0.098	0.104	-	-6.1	20	78	0
Chloroethane	0.098	0.088	-	10.2	20	61	0
Trichlorofluoromethane	0.185	0.203	-	-9.7	20	71	0
Ethyl ether	0.047	0.049	-	-4.3	20	76	0
1,1-Dichloroethene	0.107	0.116	-	-8.4	20	73	0
Carbon disulfide	0.309	0.353	-	-14.2	20	76	0
Freon-113	0.115	0.118	-	-2.6	20	68	0
Acrolein	0.012	0.012	-	0	20	85	0
Methylene chloride	0.127	0.138	-	-8.7	20	77	0
Acetone	0.022	0.023	-	-4.5	20	72	0
trans-1,2-Dichloroethene	0.121	0.134	-	-10.7	20	76	0
Methyl acetate	0.053	0.058	-	-9.4	20	82	0
Methyl tert-butyl ether	0.228	0.221	-	3.1	20	73	0
tert-Butyl alcohol	0.00543	0.00481*	-	11.4	20	71	0
Diisopropyl ether	0.336	0.346	-	-3	20	78	0
1,1-Dichloroethane	0.211	0.235*	-	-11.4	20	79	0
Halothane	0.102	0.101	-	1	20	67	0
Acrylonitrile	0.026	0.027	-	-3.8	20	74	0
Ethyl tert-butyl ether	0.273	0.263	-	3.7	20	73	0
Vinyl acetate	0.22	0.218	-	0.9	20	81	0
cis-1,2-Dichloroethene	0.136	0.146*	-	-7.4	20	75	0
2,2-Dichloropropane	0.159	0.175	-	-10.1	20	78	0
Bromochloromethane	0.071	0.076*	-	-7	20	75	0
Cyclohexane	0.185	0.2	-	-8.1	20	70	0
Chloroform	0.217	0.225*	-	-3.7	20	76	0
Ethyl acetate	0.073	0.073	-	0	20	78	0
Carbon tetrachloride	0.181	0.183	-	-1.1	20	69	0
Tetrahydrofuran	0.021	0.023	-	-9.5	20	79	0
Dibromofluoromethane	0.288	0.303	-	-5.2	20	77	0
1,1,1-Trichloroethane	0.186	0.202	-	-8.6	20	75	0
2-Butanone	0.033	0.041	-	-24.2*	20	96	0
1,1-Dichloropropene	0.142	0.15	-	-5.6	20	72	0
Benzene	0.459	0.458	-	0.2	20	74	0
tert-Amyl methyl ether	0.231	0.205	-	11.3	20	71	0
1,2-Dichloroethane-d4	0.256	0.267	-	-4.3	20	78	0
1,2-Dichloroethane	0.145	0.154	-	-6.2	20	78	0
Methyl cyclohexane	0.158	0.16	-	-1.3	20	69	0
Trichloroethene	10	10.428	-	-4.3	20	74	0
Dibromomethane	0.053	0.057	-	-7.5	20	81	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368		
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504		
Instrument ID	: VOA122	**Calibration Date**	: 03/12/25 08:10		
Lab File ID	: V22250312A04	**Init. Calib. Date(s)**	: 02/14/25	02/14/25	
Sample No	: WG2039694-2	**Init. Calib. Times**	: 12:39	16:19	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.113	0.119*	-	-5.3	20	75	0
Bromodichloromethane	0.162	0.164*	-	-1.2	20	75	0
1,4-Dioxane	0.00073	0.00071*	-	2.7	20	73	0
cis-1,3-Dichloropropene	0.166	0.167*	-	-0.6	20	72	0
Chlorobenzene-d5	1	1	-	0	20	75	0
Toluene-d8	1.262	1.278	-	-1.3	20	75	0
Toluene	0.377	0.383	-	-1.6	20	74	0
4-Methyl-2-pentanone	0.028	0.021*	-	25*	20	67	0
Tetrachloroethene	0.181	0.173	-	4.4	20	72	0
trans-1,3-Dichloropropene	10	8.718	-	12.8	20	72	0
Ethyl methacrylate	0.102	0.085	-	16.7	20	69	0
1,1,2-Trichloroethane	0.097	0.089*	-	8.2	20	71	0
Chlorodibromomethane	0.156	0.145*	-	7.1	20	72	0
1,3-Dichloropropane	0.191	0.184	-	3.7	20	71	0
1,2-Dibromoethane	0.119	0.113*	-	5	20	73	0
2-Hexanone	0.05	0.041	-	18	20	72	0
Chlorobenzene	0.474	0.469	-	1.1	20	73	0
Ethylbenzene	0.717	0.72	-	-0.4	20	72	0
1,1,1,2-Tetrachloroethane	0.159	0.15	-	5.7	20	73	0
p/m Xylene	0.285	0.288	-	-1.1	20	72	0
o Xylene	0.281	0.276	-	1.8	20	72	0
Styrene	0.459	0.446	-	2.8	20	71	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	76	0
Bromoform	0.185	0.155	-	16.2	20	71	0
Isopropylbenzene	1.339	1.402	-	-4.7	20	75	0
4-Bromofluorobenzene	0.814	0.84	-	-3.2	20	78	0
Bromobenzene	0.376	0.404	-	-7.4	20	81	0
n-Propylbenzene	1.505	1.534	-	-1.9	20	74	0
1,4-Dichlorobutane	0.338	0.33	-	2.4	20	76	0
1,1,2,2-Tetrachloroethane	0.264	0.247	-	6.4	20	73	0
4-Ethyltoluene	1.269	1.35	-	-6.4	20	76	0
2-Chlorotoluene	0.96	0.995	-	-3.6	20	75	0
1,3,5-Trimethylbenzene	1.061	1.086	-	-2.4	20	76	0
1,2,3-Trichloropropane	0.201	0.19	-	5.5	20	74	0
trans-1,4-Dichloro-2-buten	0.07	0.066	-	5.7	20	77	0
4-Chlorotoluene	0.987	0.97	-	1.7	20	72	0
tert-Butylbenzene	1.065	1.06	-	0.5	20	71	0
1,2,4-Trimethylbenzene	1.21	1.208	-	0.2	20	74	0
sec-Butylbenzene	1.229	1.23	-	-0.1	20	70	0
p-Isopropyltoluene	1.074	1.056	-	1.7	20	70	0
1,3-Dichlorobenzene	0.735	0.737	-	-0.3	20	75	0
1,4-Dichlorobenzene	0.746	0.736	-	1.3	20	74	0
p-Diethylbenzene	0.622	0.608	-	2.3	20	72	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368		
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504		
Instrument ID	: VOA122	**Calibration Date**	: 03/12/25 08:10		
Lab File ID	: V22250312A04	**Init. Calib. Date(s)**	: 02/14/25	02/14/25	
Sample No	: WG2039694-2	**Init. Calib. Times**	: 12:39	16:19	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	0.83	0.839	-	-1.1	20	73	0
1,2-Dichlorobenzene	0.694	0.684	-	1.4	20	75	0
1,2,4,5-Tetramethylbenzene	0.972	0.913	-	6.1	20	71	0
1,2-Dibromo-3-chloropropan	0.044	0.038	-	13.6	20	69	0
1,3,5-Trichlorobenzene	0.445	0.443	-	0.4	20	73	0
Hexachlorobutadiene	0.129	0.124	-	3.9	20	70	0
1,2,4-Trichlorobenzene	0.411	0.407	-	1	20	75	0
Naphthalene	0.903	0.833	-	7.8	20	72	0
1,2,3-Trichlorobenzene	0.36	0.35*	-	2.8	20	72	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368		
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504		
Instrument ID	: ELAINE	**Calibration Date**	: 03/12/25 09:27		
Lab File ID	: VE250312A01	**Init. Calib. Date(s)**	: 02/20/25	02/21/25	
Sample No	: WG2039699-2	**Init. Calib. Times**	: 23:45	03:46	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	154	0
Dichlorodifluoromethane	0.257	0.215	-	16.3	20	110	0
Chloromethane	0.232	0.206	-	11.2	20	120	0
Vinyl chloride	0.301	0.253	-	15.9	20	116	0
Bromomethane	0.266	0.157	-	41*	20	84	0
Chloroethane	0.231	0.19	-	17.7	20	112	0
Trichlorofluoromethane	0.519	0.384	-	26*	20	100	0
Ethyl ether	0.155	0.127	-	18.1	20	115	0
1,1-Dichloroethene	0.281	0.222	-	21*	20	110	0
Carbon disulfide	0.792	0.687	-	13.3	20	124	0
Freon-113	0.27	0.225	-	16.7	20	122	0
Acrolein	0.022	0.028	-	-27.3*	20	199	0
Methylene chloride	0.235	0.234	-	0.4	20	145	0
Acetone	0.04	0.044	-	-10	20	176	0
trans-1,2-Dichloroethene	0.22	0.226	-	-2.7	20	144	0
Methyl acetate	0.1	0.093	-	7	20	136	0
Methyl tert-butyl ether	0.519	0.466	-	10.2	20	138	0
tert-Butyl alcohol	0.00946	0.00964*	-	-1.9	20	147	0
Diisopropyl ether	0.571	0.574	-	-0.5	20	151	0
1,1-Dichloroethane	0.407	0.419	-	-2.9	20	146	0
Halothane	0.163	0.168	-	-3.1	20	142	0
Acrylonitrile	0.051	0.051	-	0	20	141	0
Ethyl tert-butyl ether	0.554	0.518	-	6.5	20	146	-.01
Vinyl acetate	0.405	0.373	-	7.9	20	150	0
cis-1,2-Dichloroethene	0.257	0.255	-	0.8	20	140	0
2,2-Dichloropropane	0.337	0.311	-	7.7	20	133	0
Bromochloromethane	0.117	0.116	-	0.9	20	140	0
Cyclohexane	0.378	0.389	-	-2.9	20	140	-.01
Chloroform	0.403	0.408	-	-1.2	20	143	0
Ethyl acetate	0.133	0.122	-	8.3	20	144	0
Carbon tetrachloride	0.298	0.317	-	-6.4	20	147	0
Tetrahydrofuran	0.042	0.04	-	4.8	20	134	-.01
Dibromofluoromethane	0.273	0.276	-	-1.1	20	151	0
1,1,1-Trichloroethane	0.332	0.324	-	2.4	20	133	0
2-Butanone	0.056	0.059	-	-5.4	20	165	0
1,1-Dichloropropene	0.269	0.265	-	1.5	20	144	0
Benzene	0.888	0.854	-	3.8	20	145	0
tert-Amyl methyl ether	0.524	0.426	-	18.7	20	126	-.01
1,2-Dichloroethane-d4	0.289	0.292	-	-1	20	150	0
1,2-Dichloroethane	0.28	0.273	-	2.5	20	140	0
Methyl cyclohexane	0.394	0.344	-	12.7	20	127	0
Trichloroethene	0.215	0.213	-	0.9	20	144	0
Dibromomethane	0.135	0.121	-	10.4	20	130	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368		
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504		
Instrument ID	: ELAINE	**Calibration Date**	: 03/12/25 09:27		
Lab File ID	: VE250312A01	**Init. Calib. Date(s)**	: 02/20/25	02/21/25	
Sample No	: WG2039699-2	**Init. Calib. Times**	: 23:45	03:46	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.209	0.221	-	-5.7	20	151	0
Bromodichloromethane	0.3	0.286*	-	4.7	20	140	0
1,4-Dioxane	0.00108	0.00124*	-	-14.8	20	161	0
cis-1,3-Dichloropropene	0.325	0.313	-	3.7	20	141	0
Chlorobenzene-d5	1	1	-	0	20	149	0
Toluene-d8	1.323	1.323	-	0	20	146	0
Toluene	0.748	0.69	-	7.8	20	130	0
4-Methyl-2-pentanone	0.064	0.051	-	20.3*	20	121	0
Tetrachloroethene	0.288	0.297	-	-3.1	20	147	0
trans-1,3-Dichloropropene	0.362	0.333	-	8	20	137	0
Ethyl methacrylate	0.255	0.204	-	20	20	109	0
1,1,2-Trichloroethane	0.188	0.175*	-	6.9	20	139	0
Chlorodibromomethane	0.261	0.246	-	5.7	20	145	0
1,3-Dichloropropane	0.388	0.376	-	3.1	20	141	0
1,2-Dibromoethane	0.215	0.205	-	4.7	20	138	0
2-Hexanone	0.102	0.082	-	19.6	20	112	0
Chlorobenzene	0.851	0.807	-	5.2	20	136	0
Ethylbenzene	1.497	1.383	-	7.6	20	133	0
1,1,1,2-Tetrachloroethane	0.265	0.257	-	3	20	148	0
p/m Xylene	0.613	0.545	-	11.1	20	136	0
o Xylene	0.61	0.544	-	10.8	20	138	0
Styrene	1.039	0.885	-	14.8	20	135	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	154	0
Bromoform	10	8.784	-	12.2	20	145	0
Isopropylbenzene	2.758	2.594	-	5.9	20	135	0
4-Bromofluorobenzene	0.8	0.863	-	-7.9	20	156	0
Bromobenzene	0.615	0.6	-	2.4	20	139	0
n-Propylbenzene	3.325	3.11	-	6.5	20	135	0
1,4-Dichlorobutane	0.607	0.585	-	3.6	20	134	0
1,1,2,2-Tetrachloroethane	0.469	0.432	-	7.9	20	128	0
4-Ethyltoluene	2.748	2.601	-	5.3	20	135	0
2-Chlorotoluene	1.887	1.845	-	2.2	20	142	0
1,3,5-Trimethylbenzene	2.45	2.208	-	9.9	20	133	0
1,2,3-Trichloropropane	0.396	0.357	-	9.8	20	127	0
trans-1,4-Dichloro-2-buten	0.135	0.111	-	17.8	20	122	-.01
4-Chlorotoluene	1.958	1.947	-	0.6	20	145	0
tert-Butylbenzene	2.042	1.953	-	4.4	20	140	0
1,2,4-Trimethylbenzene	2.398	2.217	-	7.5	20	137	0
sec-Butylbenzene	3.096	2.836	-	8.4	20	134	0
p-Isopropyltoluene	2.714	2.505	-	7.7	20	137	0
1,3-Dichlorobenzene	1.339	1.303	-	2.7	20	147	0
1,4-Dichlorobenzene	1.332	1.24	-	6.9	20	138	0
p-Diethylbenzene	1.609	1.431	-	11.1	20	132	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Volatiles

Client	: P. W. Grosser	**Lab Number**	: L2512368		
Project Name	: ROANOKE SAND AND GRAVEL	**Project Number**	: BSD1504		
Instrument ID	: ELAINE	**Calibration Date**	: 03/12/25 09:27		
Lab File ID	: VE250312A01	**Init. Calib. Date(s)**	: 02/20/25	02/21/25	
Sample No	: WG2039699-2	**Init. Calib. Times**	: 23:45	03:46	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.328	2.06	-	11.5	20	131	0
1,2-Dichlorobenzene	1.258	1.215	-	3.4	20	144	0
1,2,4,5-Tetramethylbenzene	2.538	2.346	-	7.6	20	143	0
1,2-Dibromo-3-chloropropan	10	8.29	-	17.1	20	124	0
1,3,5-Trichlorobenzene	0.921	0.901	-	2.2	20	150	0
Hexachlorobutadiene	0.243	0.25	-	-2.9	20	146	0
1,2,4-Trichlorobenzene	0.793	0.783	-	1.3	20	147	0
Naphthalene	1.887	1.695	-	10.2	20	133	0
1,2,3-Trichlorobenzene	0.727	0.681	-	6.3	20	141	0

*** Value outside of QC limits.**

Evaluate Continuing Calibration Report

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A01.D
Acq On : 12 Mar 2025 6:56 am
Operator : VOA105:PID
Sample : WG2039666-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 07:19:14 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

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

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene		1.000	1.000	0.0	166	0.00
2	TP	Dichlorodifluoromethane		0.299	0.222	25.8#	109	0.00
3	TP	Chloromethane		0.385	0.260	32.5#	105	0.00
4	TP	Vinyl chloride		0.258	0.262	-1.6	162	0.00
5	TP	Bromomethane		0.116	0.067	42.2#	103	0.00
6	TP	Chloroethane		0.130	0.151	-16.2	177	0.00
7	TP	Trichlorofluoromethane		0.346	0.307	11.3	130	0.00
8	TP	Ethyl ether		0.072	0.088	-22.2#	190	0.00
10	TP	1,1-Dichloroethene		0.165	0.180	-9.1	165	0.00
11	TP	Carbon disulfide		0.509	0.574	-12.8	178	0.00
12	TP	Freon-113		0.186	0.184	1.1	148	0.00
14	TP	Acrolein		0.029	0.032	-10.3	186	0.00
15	TP	Methylene chloride		0.235	0.227	3.4	155	0.00
17	TP	Acetone	*	10.000	8.072	19.3	128	0.00
18	TP	trans-1,2-Dichloroethene		0.225	0.230	-2.2	156	0.00
19	TP	Methyl acetate		0.112	0.103	8.0	148	0.00
20	TP	Methyl tert-butyl ether		0.458	0.464	-1.3	162	0.00
21	TP	tert-Butyl alcohol		0.010	0.010	0.0	162	0.00
22	TP	Diisopropyl ether		0.866	0.811	6.4	147	0.00
23	TP	1,1-Dichloroethane		0.477	0.461	3.4	147	0.00
24	TP	Halothane		0.179	0.168	6.1	141	0.00
25	TP	Acrylonitrile		0.066	0.056	15.2	135	0.00
26	TP	Ethyl tert-butyl ether		0.676	0.617	8.7	145	0.00
27	TP	Vinyl acetate		0.427	0.413	3.3	167	0.00
28	TP	cis-1,2-Dichloroethene		0.245	0.250	-2.0	155	0.00
29	TP	2,2-Dichloropropane		0.326	0.319	2.1	157	0.00
30	TP	Bromochloromethane		0.120	0.115	4.2	141	0.00
31	TP	Cyclohexane	*	10.000	7.825	21.7#	127	0.00
32	TP	Chloroform		0.414	0.390	5.8	144	0.00
33	TP	Ethyl acetate		0.168	0.150	10.7	141	0.00
34	TP	Carbon tetrachloride		0.345	0.286	17.1	123	0.00
35	TP	Tetrahydrofuran		0.051	0.050	2.0	155	0.00
36	S	Dibromofluoromethane		0.280	0.262	6.4	152	0.00
37	TP	1,1,1-Trichloroethane		0.376	0.327	13.0	131	0.00
39	TP	2-Butanone		0.083	0.081	2.4	147	0.00
40	TP	1,1-Dichloropropene	*	10.000	9.463	5.4	147	0.00
41	TP	Benzene		0.849	0.881	-3.8	157	0.00
42	TP	tert-Amyl methyl ether		0.444	0.432	2.7	161	0.00
43	S	1,2-Dichloroethane-d4		0.323	0.310	4.0	149	0.00

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A01.D
Acq On : 12 Mar 2025 6:56 am
Operator : VOA105:PID
Sample : WG2039666-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 07:19:14 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.318	0.287	9.7	136	0.00
47	TP	Methyl cyclohexane	0.404	0.368	8.9	138	0.00
48	TP	Trichloroethene	0.242	0.235	2.9	146	0.00
50	TP	Dibromomethane	0.123	0.119	3.3	148	0.00
51	TP	1,2-Dichloropropane	0.259	0.245	5.4	149	0.00
54	TP	Bromodichloromethane	0.304	0.281#	7.6	146	0.00
57	TP	1,4-Dioxane	0.00108	0.00115#	-6.5	166	0.00
58	TP	cis-1,3-Dichloropropene	* 10.000	9.391	6.1	157	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	163	0.00
60	S	Toluene-d8	1.302	1.277	1.9	158	0.00
61	TP	Toluene	0.723	0.698	3.5	144	0.00
62	TP	4-Methyl-2-pentanone	0.074	0.064	13.5	144	0.00
63	TP	Tetrachloroethene	0.347	0.319	8.1	133	0.00
65	TP	trans-1,3-Dichloropropene	* 10.000	9.269	7.3	152	0.00
67	TP	Ethyl methacrylate	0.220	0.215	2.3	163	0.00
68	TP	1,1,2-Trichloroethane	0.178	0.180#	-1.1	150	0.00
69	TP	Chlorodibromomethane	0.289	0.264	8.7	139	0.00
70	TP	1,3-Dichloropropane	0.374	0.380	-1.6	154	0.00
71	TP	1,2-Dibromoethane	0.214	0.202	5.6	144	0.00
72	TP	2-Hexanone	0.120	0.104	13.3	144	0.00
73	TP	Chlorobenzene	0.863	0.825	4.4	144	0.00
74	TP	Ethylbenzene	1.390	1.353	2.7	144	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.312	0.277	11.2	134	0.00
76	TP	p/m Xylene	0.538	0.534	0.7	142	0.00
77	TP	o Xylene	0.516	0.512	0.8	143	0.00
78	TP	Styrene	0.834	0.846	-1.4	146	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	152	0.00
80	TP	Bromoform	* 10.000	8.323	16.8	136	0.00
82	TP	Isopropylbenzene	2.449	2.458	-0.4	139	0.00
83	S	4-Bromofluorobenzene	0.799	0.850	-6.4	164	0.00
84	TP	Bromobenzene	0.607	0.598	1.5	143	0.00
85	TP	n-Propylbenzene	2.830	2.892	-2.2	144	0.00
86	TP	1,4-Dichlorobutane	0.764	0.705	7.7	134	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.422	0.432	-2.4	149	0.00
88	TP	4-Ethyltoluene	2.408	2.428	-0.8	140	0.00
89	TP	2-Chlorotoluene	1.682	1.707	-1.5	143	0.00
90	TP	1,3,5-Trimethylbenzene	2.113	2.044	3.3	134	0.00

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A01.D
Acq On : 12 Mar 2025 6:56 am
Operator : VOA105:PID
Sample : WG2039666-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 07:19:14 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 TP	1,2,3-Trichloropropane	0.334	0.345	-3.3	149	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.149	0.136	8.7	131	0.00
93 TP	4-Chlorotoluene	1.735	1.729	0.3	145	0.00
94 TP	tert-Butylbenzene	1.844	1.818	1.4	138	0.00
97 TP	1,2,4-Trimethylbenzene	2.015	1.987	1.4	136	0.00
98 TP	sec-Butylbenzene	2.598	2.608	-0.4	139	0.00
99 TP	p-Isopropyltoluene	2.307	2.303	0.2	138	0.00
100 TP	1,3-Dichlorobenzene	1.220	1.198	1.8	140	0.00
101 TP	1,4-Dichlorobenzene	1.254	1.221	2.6	141	0.00
102 TP	p-Diethylbenzene	1.354	1.340	1.0	140	0.00
103 TP	n-Butylbenzene	1.826	1.865	-2.1	143	0.00
104 TP	1,2-Dichlorobenzene	1.105	1.081	2.2	139	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.061	1.832	11.1	135	0.00
106 TP	1,2-Dibromo-3-chloropropane *	10.000	8.823	11.8	142	0.00
107 TP	1,3,5-Trichlorobenzene	0.812	0.791	2.6	138	0.00
108 TP	Hexachlorobutadiene	0.284	0.268	5.6	138	0.00
109 TP	1,2,4-Trichlorobenzene	0.677	0.663	2.1	140	0.00
110 TP	Naphthalene	1.356	1.384	-2.1	143	0.00
111 TP	1,2,3-Trichlorobenzene	0.568	0.575	-1.2	140	0.00

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A01.D
Acq On : 12 Mar 2025 6:56 am
Operator : VOA105:PID
Sample : WG2039666-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 07:19:14 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.591	96	345765	10.000	ug/L	0.00
Standard Area 1 = 345765			Recovery = 100.00%			
59) Chlorobenzene-d5	9.076	117	264279	10.000	ug/L	0.00
Standard Area 1 = 264279			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	11.868	152	147134	10.000	ug/L	0.00
Standard Area 1 = 147134			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.814	113	90615	9.346	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.46%			
43) 1,2-Dichloroethane-d4	5.323	65	107230	9.592	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.92%			
60) Toluene-d8	7.256	98	337394	9.805	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.05%			
83) 4-Bromofluorobenzene	10.616	95	125072	10.633	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.33%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.465	85	76640	7.423	ug/L	100
3) Chloromethane	1.636	50	89981	6.763	ug/L	100
4) Vinyl chloride	1.691	62	90495	10.150	ug/L	98
5) Bromomethane	1.973	94	23051	5.754	ug/L	96
6) Chloroethane	2.069	64	52057	11.622	ug/L	98
7) Trichlorofluoromethane	2.199	101	106178	8.880	ug/L	100
8) Ethyl ether	2.474	74	30574	12.337	ug/L	93
10) 1,1-Dichloroethene	2.652	96	62129	10.884	ug/L	99
11) Carbon disulfide	2.673	76	198430	11.276	ug/L	99
12) Freon-113	2.680	101	63561	9.900	ug/L #	74
14) Acrolein	2.975	56	10990	10.823	ug/L	100
15) Methylene chloride	3.181	84	78601	9.657	ug/L	94
17) Acetone	3.242	43	13892	8.072	ug/L	100
18) trans-1,2-Dichloroethene	3.318	96	79529	10.219	ug/L	93
19) Methyl acetate	3.345	43	35712	9.210	ug/L	99
20) Methyl tert-butyl ether	3.414	73	160441	10.139	ug/L	95
21) tert-Butyl alcohol	3.531	59	17819	50.528	ug/L #	80
22) Diisopropyl ether	3.750	45	280498	9.367	ug/L	98
23) 1,1-Dichloroethane	3.881	63	159251	9.649	ug/L	100
24) Halothane	3.936	117	58096	9.379	ug/L	99
25) Acrylonitrile	3.949	53	19464	8.582	ug/L	99

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A01.D
Acq On : 12 Mar 2025 6:56 am
Operator : VOA105:PID
Sample : WG2039666-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 07:19:14 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) Ethyl tert-butyl ether	4.087	59	213175	9.119	ug/L	93
27) Vinyl acetate	4.114	43	142641M6	9.671	ug/L	
28) cis-1,2-Dichloroethene	4.382	96	86401	10.208	ug/L	95
29) 2,2-Dichloropropane	4.471	77	110139	9.771	ug/L	95
30) Bromochloromethane	4.567	128	39933	9.638	ug/L	97
31) Cyclohexane	4.547	56	164161	7.825	ug/L	94
32) Chloroform	4.636	83	134689	9.406	ug/L	99
33) Ethyl acetate	4.759	43	51935	8.927	ug/L	97
34) Carbon tetrachloride	4.752	117	98973	8.292	ug/L	98
35) Tetrahydrofuran	4.794	42	17193M6	9.725	ug/L	
37) 1,1,1-Trichloroethane	4.821	97	112900	8.679	ug/L	99
39) 2-Butanone	4.938	43	27967	9.737	ug/L	90
40) 1,1-Dichloropropene	4.938	75	102910	9.463	ug/L	98
41) Benzene	5.181	78	304742	10.383	ug/L	96
42) tert-Amyl methyl ether	5.287	73	149492	9.747	ug/L	89
44) 1,2-Dichloroethane	5.386	62	99295	9.036	ug/L	99
47) Methyl cyclohexane	5.739	83	127294	9.123	ug/L	91
48) Trichloroethene	5.767	95	81243	9.691	ug/L	95
50) Dibromomethane	6.205	93	41144	9.642	ug/L	96
51) 1,2-Dichloropropane	6.303	63	84579	9.447	ug/L	97
54) Bromodichloromethane	6.381	83	97260	9.260	ug/L	98
57) 1,4-Dioxane	6.593	88	19817	532.164	ug/L	89
58) cis-1,3-Dichloropropene	7.058	75	110929	9.391	ug/L	95
61) Toluene	7.305	92	184442	9.659	ug/L	99
62) 4-Methyl-2-pentanone	7.757	58	16853	8.647	ug/L	96
63) Tetrachloroethene	7.750	166	84410	9.207	ug/L	98
65) trans-1,3-Dichloropropene	7.806	75	88640	9.269	ug/L	96
67) Ethyl methacrylate	7.990	69	56737	9.778	ug/L	93
68) 1,1,2-Trichloroethane	7.983	83	47568	10.117	ug/L	98
69) Chlorodibromomethane	8.187	129	69829	9.150	ug/L	99
70) 1,3-Dichloropropane	8.300	76	100337	10.158	ug/L	99
71) 1,2-Dibromoethane	8.455	107	53477	9.476	ug/L	98
72) 2-Hexanone	8.766	43	27440	8.634	ug/L	98
73) Chlorobenzene	9.097	112	217929	9.559	ug/L	96
74) Ethylbenzene	9.133	91	357465	9.730	ug/L	98
75) 1,1,1,2-Tetrachloroethane	9.182	131	73268	8.886	ug/L	99
76) p/m Xylene	9.323	106	282137	19.829	ug/L	99
77) o Xylene	9.867	106	270445	19.840	ug/L	99
78) Styrene	9.937	104	447266	20.292	ug/L	99
80) Bromoform	9.972	173	38525	8.323	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A01.D
Acq On : 12 Mar 2025 6:56 am
Operator : VOA105:PID
Sample : WG2039666-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 07:19:14 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Isopropylbenzene	10.269	105	361620	10.034	ug/L	100
84) Bromobenzene	10.729	156	88011	9.859	ug/L	97
85) n-Propylbenzene	10.778	91	425491	10.218	ug/L	99
86) 1,4-Dichlorobutane	10.807	55	103756	9.227	ug/L	100
87) 1,1,2,2-Tetrachloroethane	10.892	83	63577	10.250	ug/L	97
88) 4-Ethyltoluene	10.913	105	357244	10.081	ug/L	100
89) 2-Chlorotoluene	10.948	91	251103M6	10.147	ug/L	
90) 1,3,5-Trimethylbenzene	11.012	105	300692	9.670	ug/L	98
91) 1,2,3-Trichloropropane	11.026	75	50731M1	10.311	ug/L	
92) trans-1,4-Dichloro-2-b...	11.090	53	19988	9.091	ug/L	90
93) 4-Chlorotoluene	11.146	91	254384	9.966	ug/L	98
94) tert-Butylbenzene	11.365	119	267552	9.860	ug/L	100
97) 1,2,4-Trimethylbenzene	11.450	105	292406	9.862	ug/L	100
98) sec-Butylbenzene	11.556	105	383689	10.037	ug/L	100
99) p-Isopropyltoluene	11.719	119	338873	9.985	ug/L	100
100) 1,3-Dichlorobenzene	11.790	146	176248	9.815	ug/L	99
101) 1,4-Dichlorobenzene	11.882	146	179659	9.736	ug/L	99
102) p-Diethylbenzene	12.101	119	197191	9.898	ug/L	100
103) n-Butylbenzene	12.165	91	274398	10.216	ug/L	99
104) 1,2-Dichlorobenzene	12.313	146	159116	9.788	ug/L	100
105) 1,2,4,5-Tetramethylben...	12.907	119	269519	8.889	ug/L	100
106) 1,2-Dibromo-3-chloropr...	13.113	155	8975	8.823	ug/L	99
107) 1,3,5-Trichlorobenzene	13.134	180	116401	9.746	ug/L	100
108) Hexachlorobutadiene	13.714	225	39483	9.434	ug/L	99
109) 1,2,4-Trichlorobenzene	13.742	180	97593	9.804	ug/L	99
110) Naphthalene	14.032	128	203701	10.208	ug/L	100
111) 1,2,3-Trichlorobenzene	14.202	180	84660	10.139	ug/L	100

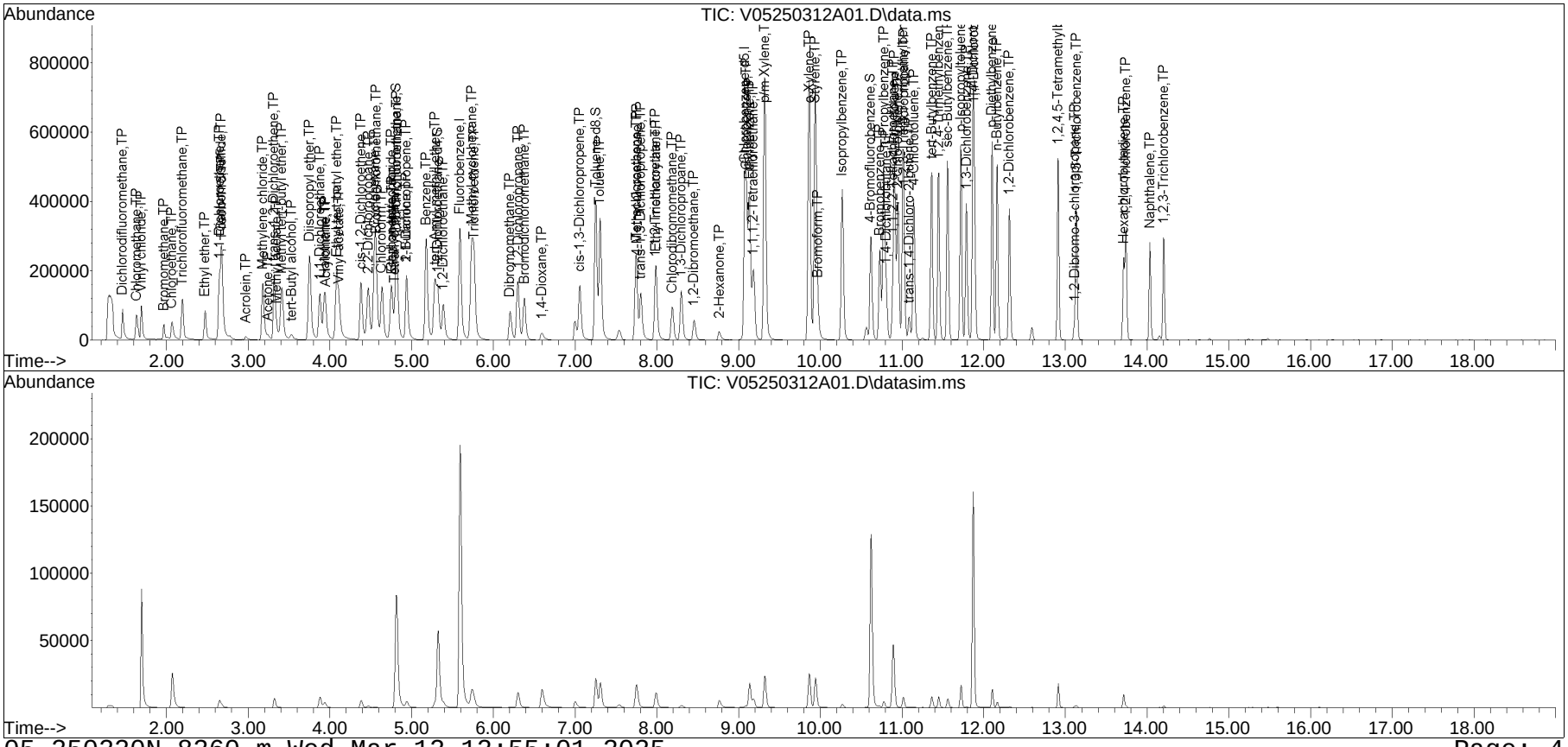
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A01.D
Acq On : 12 Mar 2025 6:56 am
Operator : VOA105:PID
Sample : WG2039666-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 07:19:14 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

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

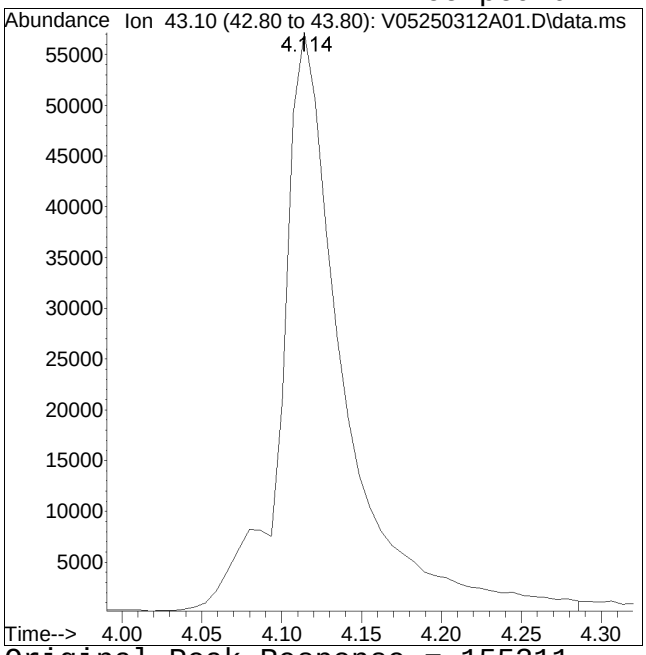


Manual Integration Report

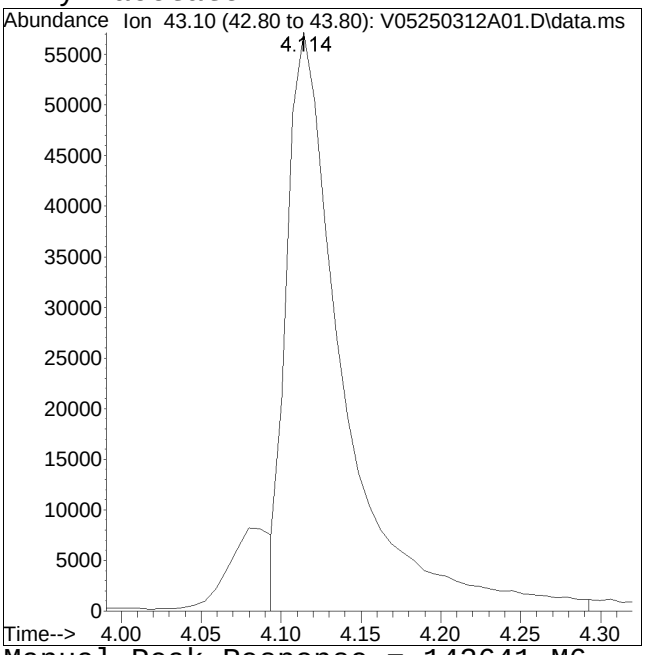
Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A01.D
Date Inj'd : 3/12/2025 6:56 am
Sample : WG2039666-2

QMethod : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 3/12/2025 7:18 am

Compound #27: Vinyl acetate



Original Peak Response = 155311



Manual Peak Response = 142641 M6

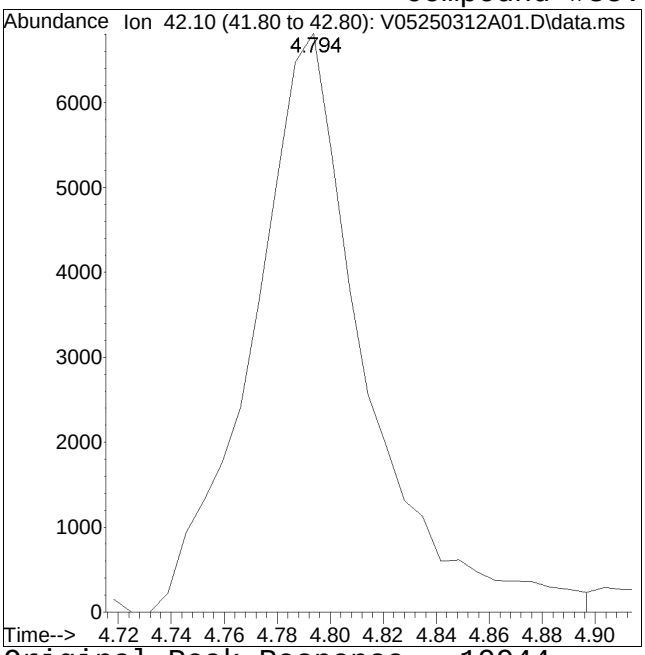
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

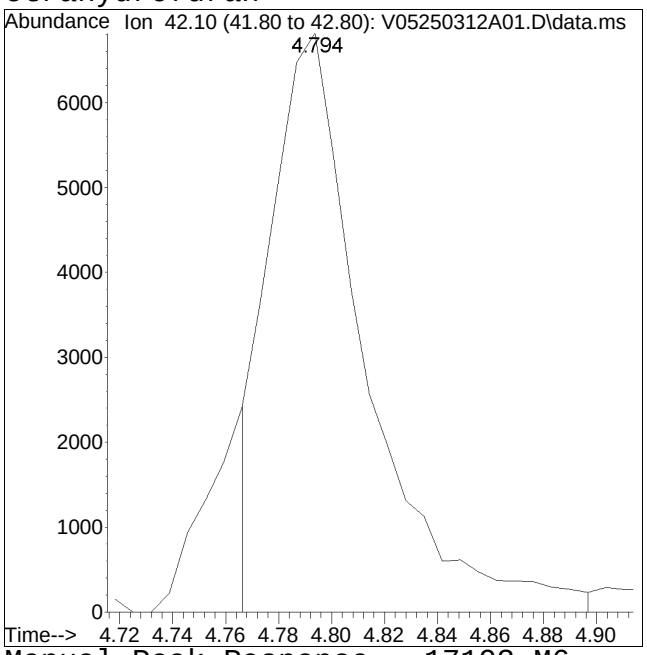
Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A01.D
Date Inj'd : 3/12/2025 6:56 am
Sample : WG2039666-2

QMethod : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 3/12/2025 7:18 am

Compound #35: Tetrahydrofuran



Original Peak Response = 19944



Manual Peak Response = 17193 M6

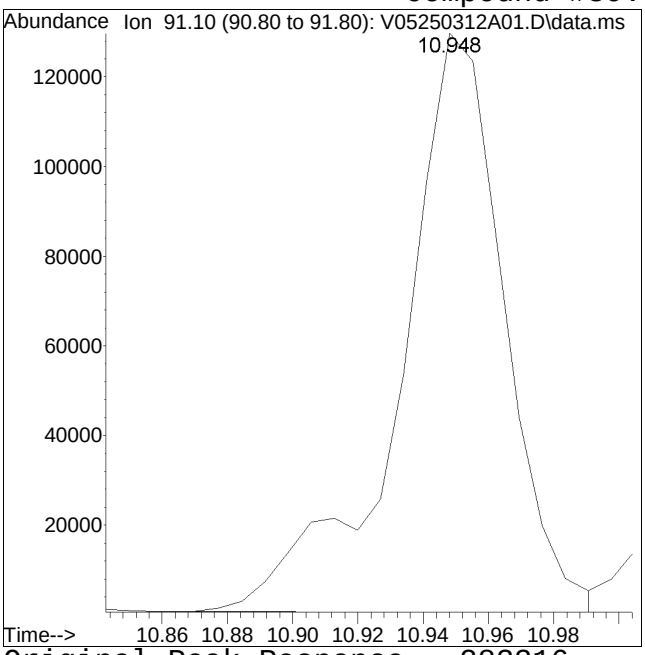
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

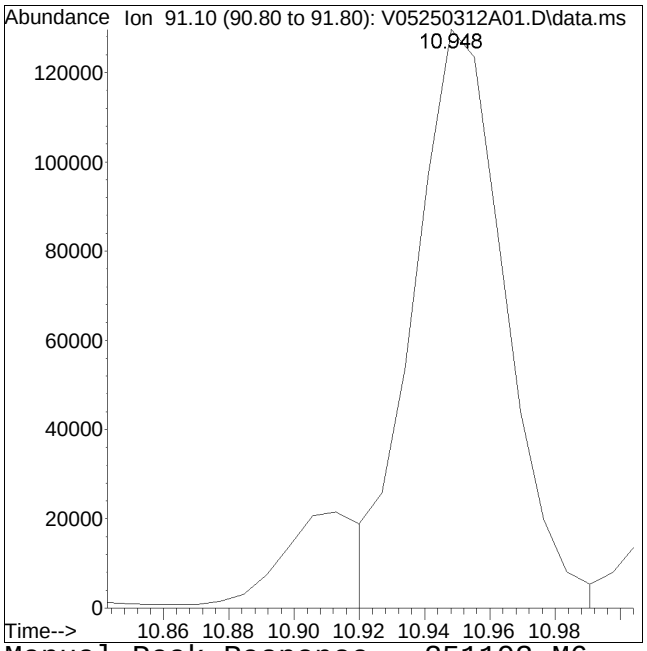
Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A01.D
Date Inj'd : 3/12/2025 6:56 am
Sample : WG2039666-2

QMethod : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 3/12/2025 7:18 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 283316



Manual Peak Response = 251103 M6

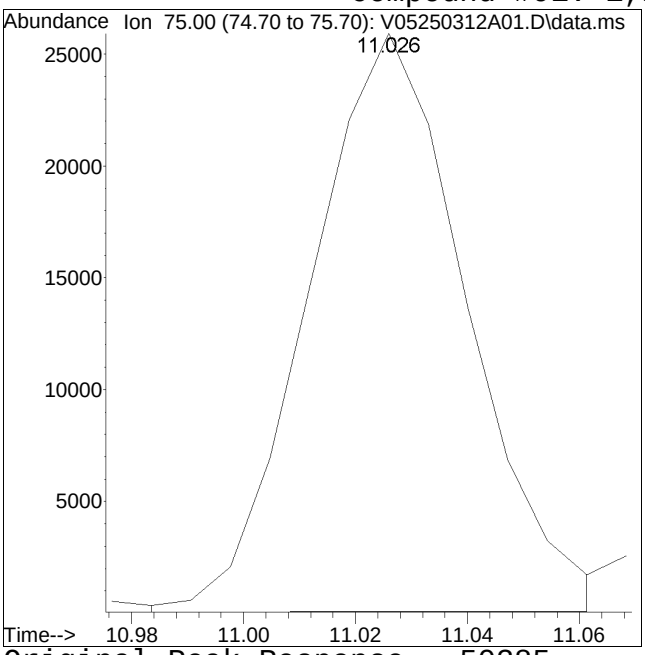
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

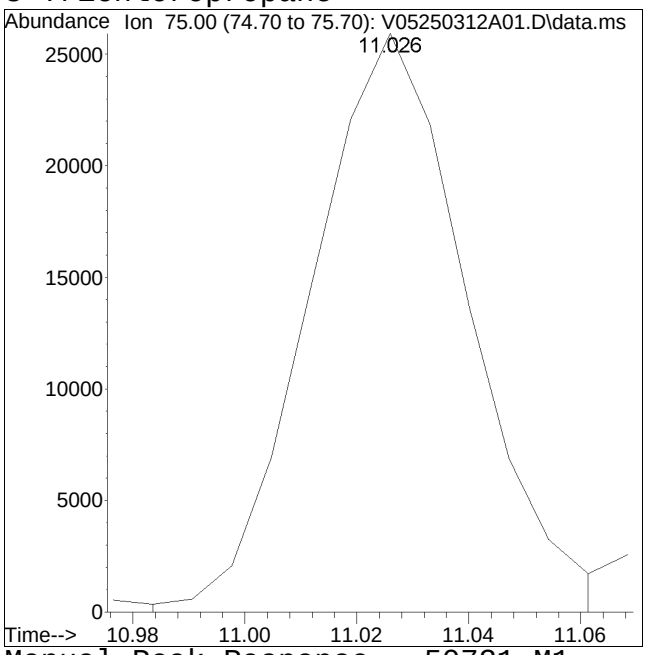
Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A01.D
Date Inj'd : 3/12/2025 6:56 am
Sample : WG2039666-2

QMethod : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 3/12/2025 7:18 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 50385



Manual Peak Response = 50731 M1

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

Evaluate Continuing Calibration Report

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A01.D
Acq On : 12 Mar 2025 7:29 am
Operator : VOA101:PID
Sample : WG2039675-2
Misc : WG2039675,ICAL21969
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 08:01:05 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	98	0.00
2	TP	Dichlorodifluoromethane	0.266	0.252	5.3	89	0.00
3	TP	Chloromethane	0.492	0.453	7.9	95	0.00
4	TP	Vinyl chloride	0.310	0.326	-5.2	103	0.00
5	TP	Bromomethane	* 10.000	12.618	-26.2#	143	0.00
6	TP	Chloroethane	0.148	0.174	-17.6	115	0.00
7	TP	Trichlorofluoromethane	0.323	0.338	-4.6	100	0.00
8	TP	Ethyl ether	0.082	0.086	-4.9	108	0.00
10	TP	1,1-Dichloroethene	0.218	0.216	0.9	98	0.00
11	TP	Carbon disulfide	0.721	0.713	1.1	101	0.00
12	TP	Freon-113	0.222	0.222	0.0	95	0.00
14	TP	Acrolein	0.032	0.029	9.4	90	0.00
15	TP	Methylene chloride	0.260	0.251	3.5	98	0.00
17	TP	Acetone	* 10.000	8.933	10.7	96	0.00
18	TP	trans-1,2-Dichloroethene	0.243	0.245	-0.8	99	0.00
19	TP	Methyl acetate	0.126	0.127	-0.8	102	0.00
20	TP	Methyl tert-butyl ether	0.509	0.478	6.1	96	0.00
21	TP	tert-Butyl alcohol	0.013	0.013	0.0	102	0.00
22	TP	Diisopropyl ether	1.021	1.026	-0.5	98	0.00
23	TP	1,1-Dichloroethane	0.523	0.534	-2.1	100	0.00
24	TP	Halothane	0.177	0.172	2.8	93	0.00
25	TP	Acrylonitrile	0.060	0.058	3.3	95	0.00
26	TP	Ethyl tert-butyl ether	0.743	0.729	1.9	98	0.00
27	TP	Vinyl acetate	0.516	0.521	-1.0	99	0.00
28	TP	cis-1,2-Dichloroethene	0.266	0.265	0.4	99	0.00
29	TP	2,2-Dichloropropane	0.321	0.362	-12.8	113	0.00
30	TP	Bromochloromethane	0.105	0.108	-2.9	98	0.00
31	TP	Cyclohexane	0.550	0.554	-0.7	95	0.00
32	TP	Chloroform	0.432	0.439	-1.6	98	0.00
33	TP	Ethyl acetate	0.167	0.171	-2.4	98	0.00
34	TP	Carbon tetrachloride	0.315	0.308	2.2	94	0.00
35	TP	Tetrahydrofuran	0.052	0.054	-3.8	99	0.00
36	S	Dibromofluoromethane	0.254	0.260	-2.4	101	0.00
37	TP	1,1,1-Trichloroethane	0.371	0.376	-1.3	97	0.00
39	TP	2-Butanone	0.072	0.073	-1.4	105	0.00
40	TP	1,1-Dichloropropene	0.323	0.321	0.6	94	0.00
41	TP	Benzene	0.946	0.970	-2.5	99	0.00
42	TP	tert-Amyl methyl ether	0.509	0.498	2.2	101	0.00
43	S	1,2-Dichloroethane-d4	0.292	0.293	-0.3	100	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A01.D
Acq On : 12 Mar 2025 7:29 am
Operator : VOA101:PID
Sample : WG2039675-2
Misc : WG2039675,ICAL21969
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 08:01:05 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.312	0.312	0.0	97	0.00
47	TP	Methyl cyclohexane	0.425	0.428	-0.7	96	0.00
48	TP	Trichloroethene	0.261	0.264	-1.1	100	0.00
50	TP	Dibromomethane	0.120	0.118	1.7	96	0.00
51	TP	1,2-Dichloropropane	0.289	0.288	0.3	100	0.00
54	TP	Bromodichloromethane	0.321	0.321	0.0	100	0.00
57	TP	1,4-Dioxane	0.00128	0.00125#	2.3	91	0.00
58	TP	cis-1,3-Dichloropropene	* 10.000	8.990	10.1	99	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
60	S	Toluene-d8	1.329	1.356	-2.0	99	0.00
61	TP	Toluene	0.799	0.829	-3.8	101	0.00
62	TP	4-Methyl-2-pentanone	0.077	0.066	14.3	93	0.00
63	TP	Tetrachloroethene	0.320	0.348	-8.7	102	0.00
65	TP	trans-1,3-Dichloropropene	* 10.000	9.174	8.3	95	0.00
67	TP	Ethyl methacrylate	0.270	0.230	14.8	93	0.00
68	TP	1,1,2-Trichloroethane	0.200	0.207	-3.5	99	0.00
69	TP	Chlorodibromomethane	0.276	0.266	3.6	95	0.00
70	TP	1,3-Dichloropropane	0.410	0.415	-1.2	97	0.00
71	TP	1,2-Dibromoethane	0.217	0.214	1.4	95	0.00
72	TP	2-Hexanone	0.135	0.116	14.1	96	0.00
73	TP	Chlorobenzene	0.887	0.922	-3.9	100	0.00
74	TP	Ethylbenzene	1.543	1.609	-4.3	98	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.311	0.313	-0.6	97	0.00
76	TP	p/m Xylene	0.589	0.634	-7.6	101	0.00
77	TP	o Xylene	0.568	0.603	-6.2	99	0.00
78	TP	Styrene	0.871	0.943	-8.3	100	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
80	TP	Bromoform	0.278	0.257	7.6	92	0.00
82	TP	Isopropylbenzene	2.756	2.886	-4.7	99	0.00
83	S	4-Bromofluorobenzene	0.979	0.956	2.3	94	0.00
84	TP	Bromobenzene	0.622	0.658	-5.8	100	0.00
85	TP	n-Propylbenzene	3.228	3.553	-10.1	103	0.00
86	TP	1,4-Dichlorobutane	0.845	0.882	-4.4	100	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.488	0.508	-4.1	99	0.00
88	TP	4-Ethyltoluene	2.673	2.840	-6.2	101	0.00
89	TP	2-Chlorotoluene	1.967	2.102	-6.9	102	0.00
90	TP	1,3,5-Trimethylbenzene	2.212	2.340	-5.8	101	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A01.D
Acq On : 12 Mar 2025 7:29 am
Operator : VOA101:PID
Sample : WG2039675-2
Misc : WG2039675,ICAL21969
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 08:01:05 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 TP	1,2,3-Trichloropropane	0.386	0.390	-1.0	98	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.108	0.098	9.3	96	0.00
93 TP	4-Chlorotoluene	1.955	2.085	-6.6	102	0.00
94 TP	tert-Butylbenzene	1.907	1.998	-4.8	99	0.00
97 TP	1,2,4-Trimethylbenzene	2.097	2.260	-7.8	101	0.00
98 TP	sec-Butylbenzene	2.665	2.902	-8.9	103	0.00
99 TP	p-Isopropyltoluene	2.268	2.416	-6.5	101	0.00
100 TP	1,3-Dichlorobenzene	1.131	1.221	-8.0	104	0.00
101 TP	1,4-Dichlorobenzene	1.159	1.211	-4.5	103	0.00
102 TP	p-Diethylbenzene	1.284	1.347	-4.9	101	0.00
103 TP	n-Butylbenzene	1.826	2.038	-11.6	107	0.00
104 TP	1,2-Dichlorobenzene	1.002	1.053	-5.1	102	0.00
105 TP	1,2,4,5-Tetramethylbenzene	1.710	1.673	2.2	95	0.00
106 TP	1,2-Dibromo-3-chloropropane *	10.000	8.237	17.6	88	0.00
107 TP	1,3,5-Trichlorobenzene	0.614	0.653	-6.4	105	0.00
108 TP	Hexachlorobutadiene	0.224	0.238	-6.2	104	0.00
109 TP	1,2,4-Trichlorobenzene	0.474	0.443	6.5	94	0.00
110 TP	Naphthalene	0.867	0.665	23.3#	80	0.00
111 TP	1,2,3-Trichlorobenzene	0.362	0.314#	13.3	87	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 2 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A01.D
Acq On : 12 Mar 2025 7:29 am
Operator : VOA101:PID
Sample : WG2039675-2
Misc : WG2039675,ICAL21969
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 08:01:05 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.896	96	569723	10.000	ug/L	0.00
59) Chlorobenzene-d5	9.412	117	412059	10.000	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	12.143	152	220763	10.000	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	5.098	113	148137	10.227	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.27%			
43) 1,2-Dichloroethane-d4	5.617	65	166817	10.041	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.41%			
60) Toluene-d8	7.572	98	558801	10.208	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.08%			
83) 4-Bromofluorobenzene	10.921	95	211061	9.765	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.65%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.621	85	143593	9.474	ug/L	99
3) Chloromethane	1.802	50	258357	9.211	ug/L	99
4) Vinyl chloride	1.878	62	185599	10.512	ug/L	99
5) Bromomethane	2.173	94	46446	12.618	ug/L	98
6) Chloroethane	2.288	64	99009	11.765	ug/L	98
7) Trichlorofluoromethane	2.421	101	192583	10.462	ug/L	99
8) Ethyl ether	2.709	74	49231	10.493	ug/L	92
10) 1,1-Dichloroethene	2.893	96	123026	9.924	ug/L	99
11) Carbon disulfide	2.926	76	406283	9.894	ug/L	100
12) Freon-113	2.929	101	126257	9.998	ug/L	92
14) Acrolein	3.205	56	16511	9.050	ug/L	95
15) Methylene chloride	3.431	84	142931	9.662	ug/L	98
17) Acetone	3.487	43	25901	8.933	ug/L #	68
18) trans-1,2-Dichloroethene	3.584	96	139616	10.085	ug/L	99
19) Methyl acetate	3.595	43	72453	10.118	ug/L	98
20) Methyl tert-butyl ether	3.682	73	272385	9.398	ug/L	99
21) tert-Butyl alcohol	3.782	59	36107M3	49.315	ug/L	
22) Diisopropyl ether	4.028	45	584682	10.050	ug/L	99
23) 1,1-Dichloroethane	4.150	63	304112	10.216	ug/L	99
24) Halothane	4.200	117	98260	9.736	ug/L	99
25) Acrylonitrile	4.200	53	33056	9.637	ug/L	96
26) Ethyl tert-butyl ether	4.371	59	415369	9.814	ug/L	99
27) Vinyl acetate	4.385	43	296845	10.103	ug/L	99
28) cis-1,2-Dichloroethene	4.661	96	151121	9.969	ug/L	100
29) 2,2-Dichloropropane	4.758	77	205956	11.265	ug/L	97

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A01.D
Acq On : 12 Mar 2025 7:29 am
Operator : VOA101:PID
Sample : WG2039675-2
Misc : WG2039675,ICAL21969
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 08:01:05 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
30) Bromochloromethane	4.853	128	61690	10.324	ug/L		97
31) Cyclohexane	4.856	56	315743	10.084	ug/L		99
32) Chloroform	4.926	83	250032	10.156	ug/L		98
33) Ethyl acetate	5.034	43	97319	10.212	ug/L	#	80
34) Carbon tetrachloride	5.054	117	175367	9.767	ug/L		99
35) Tetrahydrofuran	5.082	42	30760M1	10.399	ug/L		
37) 1,1,1-Trichloroethane	5.115	97	214180	10.144	ug/L	#	97
39) 2-Butanone	5.218	43	41498	10.143	ug/L	#	69
40) 1,1-Dichloropropene	5.243	75	182730	9.917	ug/L		100
41) Benzene	5.483	78	552624	10.251	ug/L		99
42) tert-Amyl methyl ether	5.592	73	283598	9.783	ug/L		96
44) 1,2-Dichloroethane	5.687	62	178032	10.016	ug/L		97
47) Methyl cyclohexane	6.061	83	243757	10.074	ug/L		98
48) Trichloroethene	6.074	95	150377	10.098	ug/L		98
50) Dibromomethane	6.512	93	67231	9.807	ug/L		98
51) 1,2-Dichloropropane	6.610	63	164340	9.988	ug/L		99
54) Bromodichloromethane	6.685	83	182933	10.014	ug/L		99
57) 1,4-Dioxane	6.900	88	35678M1	487.367	ug/L		
58) cis-1,3-Dichloropropene	7.374	75	181815	8.990	ug/L		97
61) Toluene	7.633	92	341690	10.379	ug/L		99
62) 4-Methyl-2-pentanone	8.063	58	27272	8.564	ug/L		93
63) Tetrachloroethene	8.082	166	143209	10.854	ug/L		98
65) trans-1,3-Dichloropropene	8.119	75	140609	9.174	ug/L		95
67) Ethyl methacrylate	8.303	69	94812	8.508	ug/L		96
68) 1,1,2-Trichloroethane	8.300	83	85091	10.322	ug/L		99
69) Chlorodibromomethane	8.515	129	109517	9.618	ug/L		99
70) 1,3-Dichloropropane	8.620	76	170818	10.118	ug/L		100
71) 1,2-Dibromoethane	8.785	107	88096	9.849	ug/L		100
72) 2-Hexanone	9.086	43	47846M1	8.615	ug/L		
73) Chlorobenzene	9.432	112	380058	10.402	ug/L		99
74) Ethylbenzene	9.468	91	662952	10.429	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.516	131	128895	10.067	ug/L		99
76) p/m Xylene	9.655	106	522754	21.552	ug/L		99
77) o Xylene	10.202	106	496880	21.216	ug/L		100
78) Styrene	10.274	104	777224	21.648	ug/L		98
80) Bromoform	10.299	173	56725	9.232	ug/L		99
82) Isopropylbenzene	10.589	105	637204	10.472	ug/L		100
84) Bromobenzene	11.033	156	145291	10.585	ug/L		100
85) n-Propylbenzene	11.077	91	784444	11.006	ug/L		99
86) 1,4-Dichlorobutane	11.097	55	194641	10.435	ug/L		99
87) 1,1,2,2-Tetrachloroethane	11.169	83	112039	10.394	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A01.D
Acq On : 12 Mar 2025 7:29 am
Operator : VOA101:PID
Sample : WG2039675-2
Misc : WG2039675,ICAL21969
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 08:01:05 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 4-Ethyltoluene	11.203	105	626897	10.624	ug/L	100
89) 2-Chlorotoluene	11.250	91	464081M1	10.688	ug/L	
90) 1,3,5-Trimethylbenzene	11.303	105	516637	10.579	ug/L	99
91) 1,2,3-Trichloropropane	11.303	75	85993M4	10.083	ug/L	
92) trans-1,4-Dichloro-2-b...	11.365	53	21555M1	9.042	ug/L	
93) 4-Chlorotoluene	11.431	91	460321	10.666	ug/L	100
94) tert-Butylbenzene	11.646	119	441080	10.480	ug/L	100
97) 1,2,4-Trimethylbenzene	11.724	105	498897	10.778	ug/L	99
98) sec-Butylbenzene	11.839	105	640679	10.890	ug/L	100
99) p-Isopropyltoluene	11.995	119	533325	10.654	ug/L	100
100) 1,3-Dichlorobenzene	12.064	146	269600	10.799	ug/L	100
101) 1,4-Dichlorobenzene	12.156	146	267386	10.446	ug/L	98
102) p-Diethylbenzene	12.371	119	297263	10.483	ug/L	100
103) n-Butylbenzene	12.430	91	449891	11.161	ug/L	98
104) 1,2-Dichlorobenzene	12.583	146	232419	10.506	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.169	119	369410	9.783	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.367	155	10469	8.237	ug/L	98
107) 1,3,5-Trichlorobenzene	13.400	180	144190	10.634	ug/L	97
108) Hexachlorobutadiene	13.975	225	52551	10.608	ug/L	98
109) 1,2,4-Trichlorobenzene	14.000	180	97878	9.349	ug/L	99
110) Naphthalene	14.295	128	146715	7.668	ug/L	100
111) 1,2,3-Trichlorobenzene	14.463	180	69422	8.675	ug/L	100

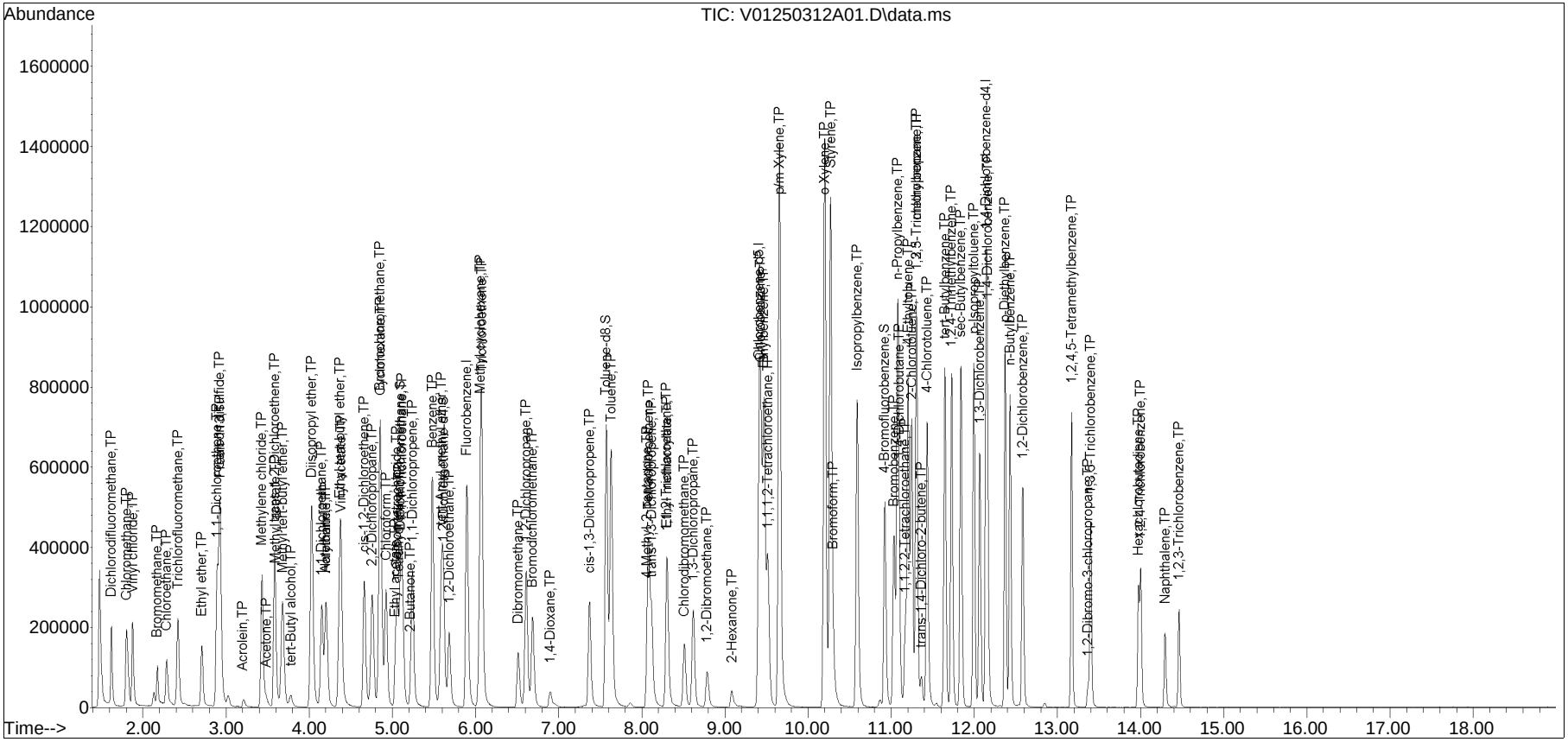
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A01.D
Acq On : 12 Mar 2025 7:29 am
Operator : VOA101:PID
Sample : WG2039675-2
Misc : WG2039675,ICAL21969
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 08:01:05 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

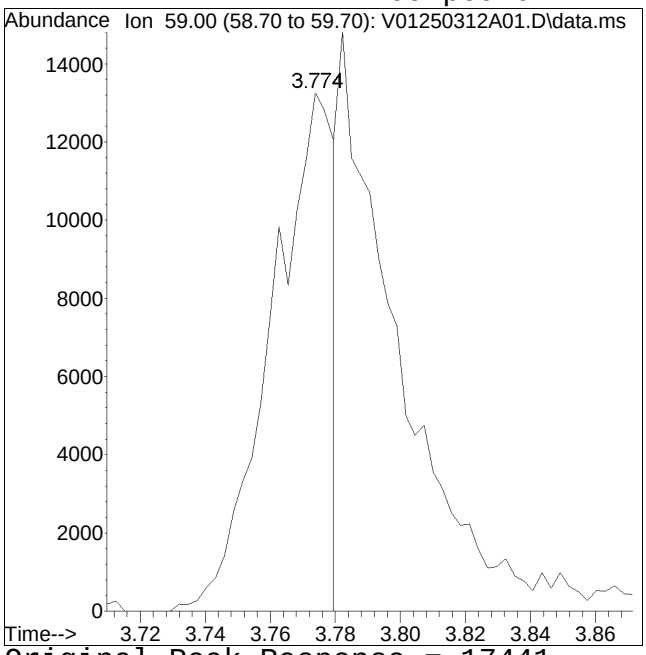
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

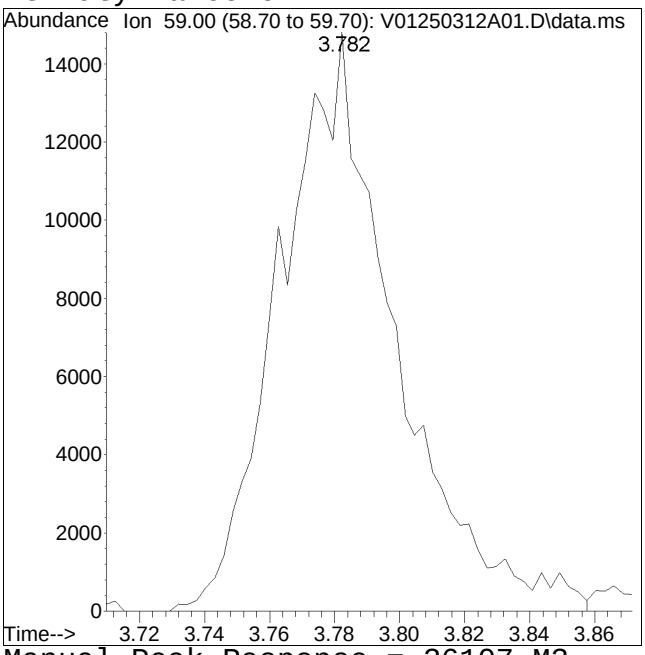


Manual Integration Report

Data Path	: K:\VOA101\2025\250312A\	QMethod	: V101_250208A_8260.m
Data File	: V01250312A01.D	Operator	: VOA101:PID
Date Inj'd	: 3/12/2025 7:29 am	Instrument	: VOA 101
Sample	: WG2039675-2	Quant Date	: 3/12/2025 7:59 am

Compound #21: tert-Butyl alcohol





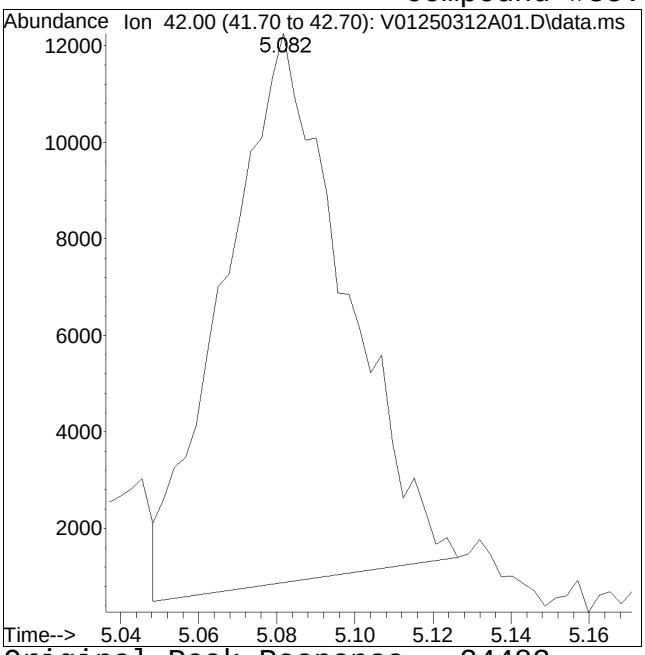
Original Peak Response = 17441 Manual Peak Response = 36107 M3

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

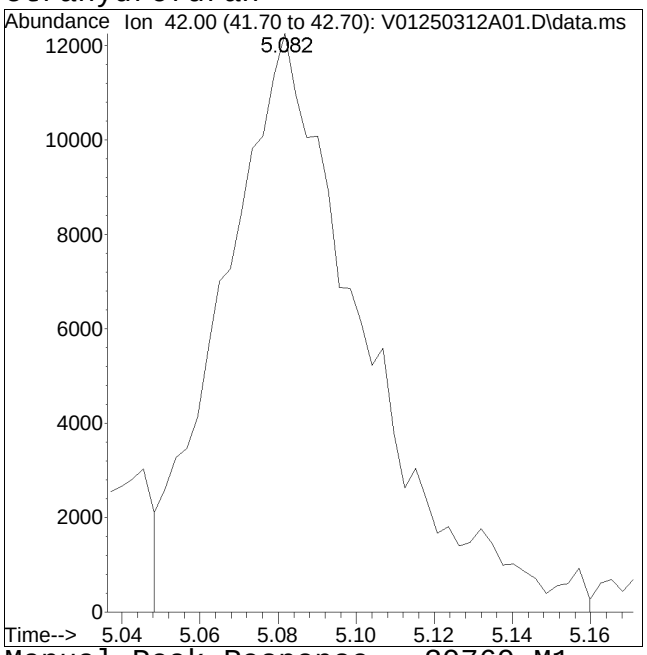
Manual Integration Report

Data Path	: K:\VOA101\2025\250312A\	QMethod	: V101_250208A_8260.m
Data File	: V01250312A01.D	Operator	: VOA101:PID
Date Inj'd	: 3/12/2025 7:29 am	Instrument	: VOA 101
Sample	: WG2039675-2	Quant Date	: 3/12/2025 7:59 am

Compound #35: Tetrahydrofuran



Original Peak Response = 24482



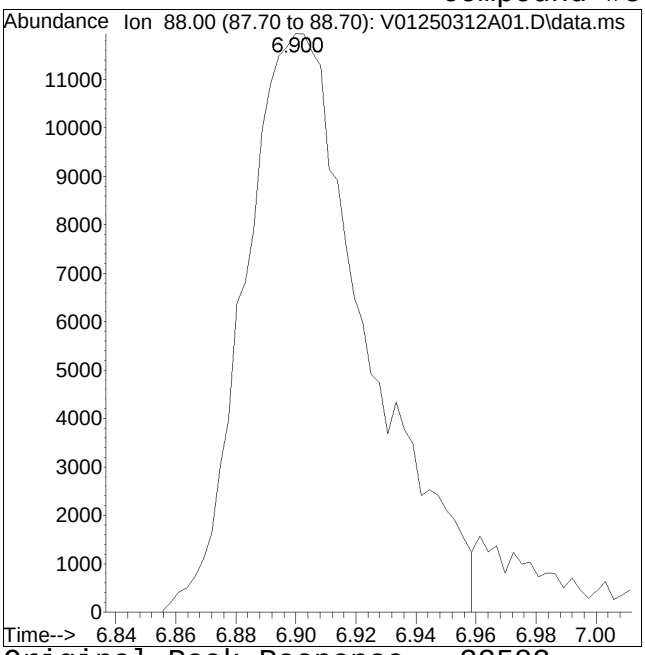
Manual Peak Response = 30760 M1

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

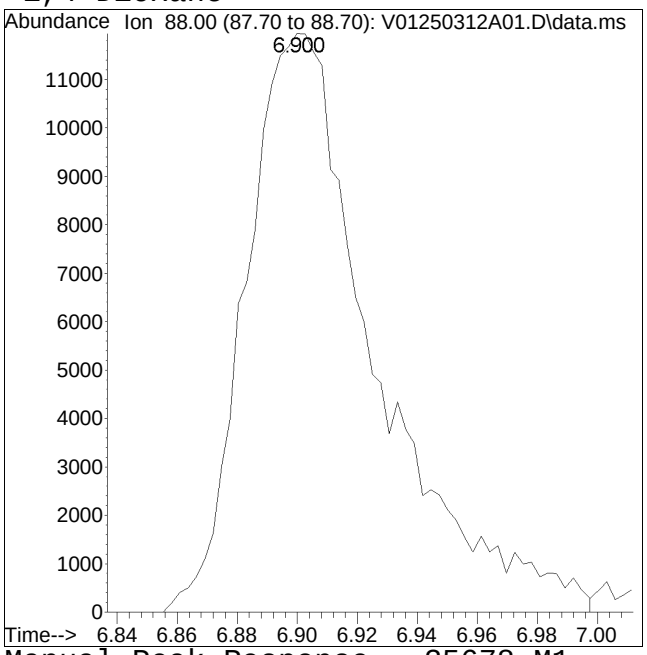
Manual Integration Report

Data Path	: K:\VOA101\2025\250312A\	QMethod	: V101_250208A_8260.m
Data File	: V01250312A01.D	Operator	: VOA101:PID
Date Inj'd	: 3/12/2025 7:29 am	Instrument	: VOA 101
Sample	: WG2039675-2	Quant Date	: 3/12/2025 7:59 am

Compound #57: 1,4-Dioxane



Original Peak Response = 33582



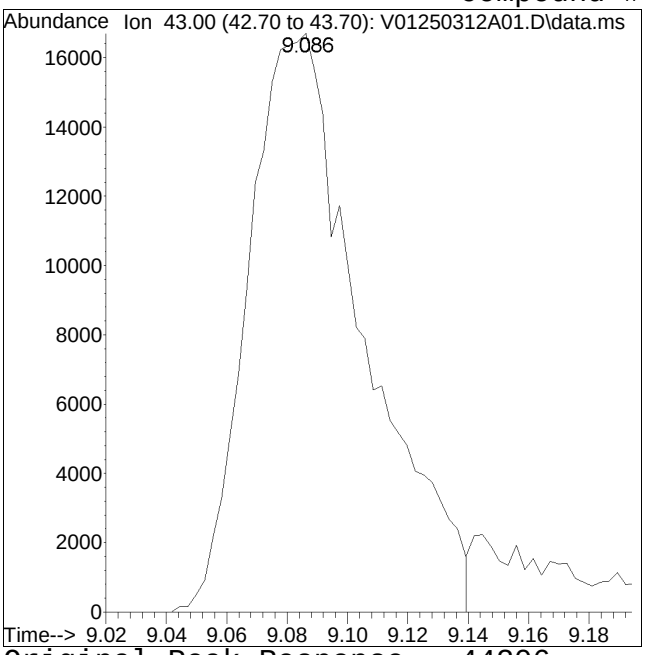
Manual Peak Response = 35678 M1

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

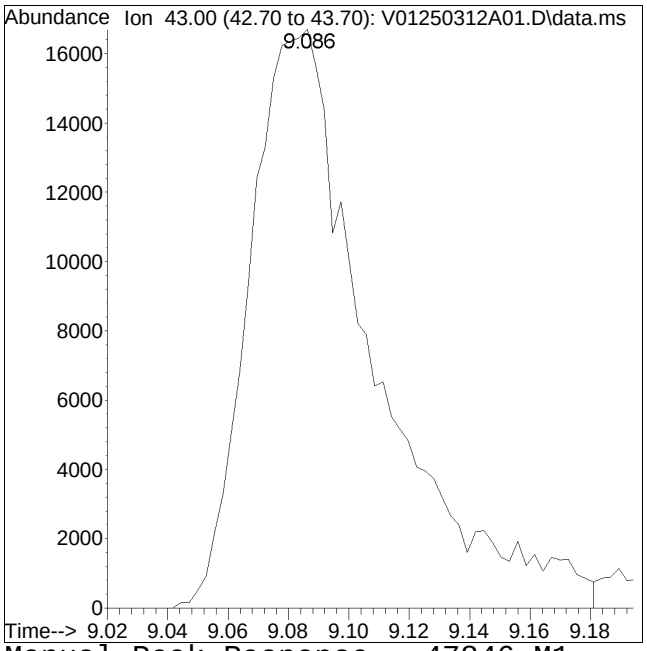
Manual Integration Report

Data Path	: K:\VOA101\2025\250312A\	QMethod	: V101_250208A_8260.m
Data File	: V01250312A01.D	Operator	: VOA101:PID
Date Inj'd	: 3/12/2025 7:29 am	Instrument	: VOA 101
Sample	: WG2039675-2	Quant Date	: 3/12/2025 7:59 am

Compound #72: 2-Hexanone



Original Peak Response = 44206



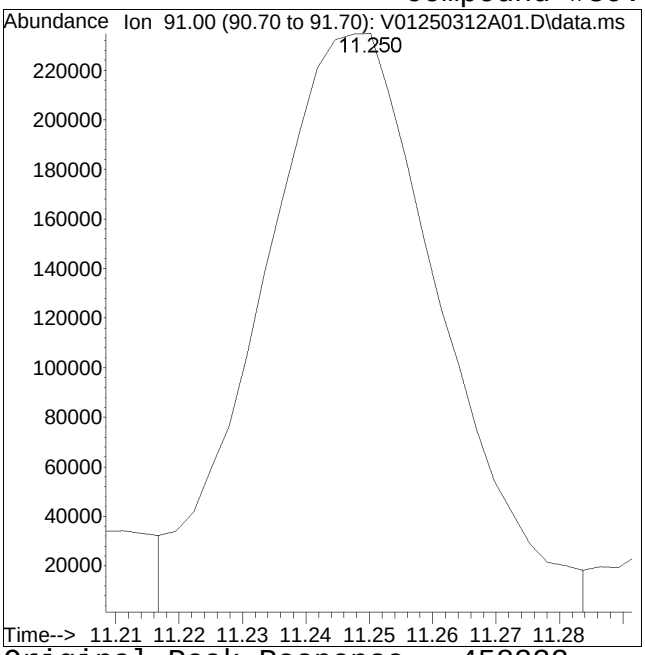
Manual Peak Response = 47846 M1

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

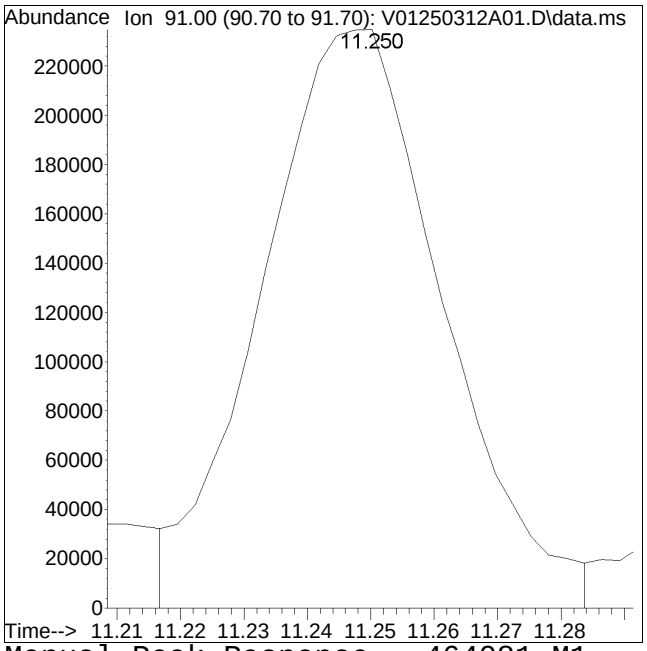
Manual Integration Report

Data Path	: K:\VOA101\2025\250312A\	QMethod	: V101_250208A_8260.m
Data File	: V01250312A01.D	Operator	: VOA101:PID
Date Inj'd	: 3/12/2025 7:29 am	Instrument	: VOA 101
Sample	: WG2039675-2	Quant Date	: 3/12/2025 7:59 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 458332



Manual Peak Response = 464081 M1

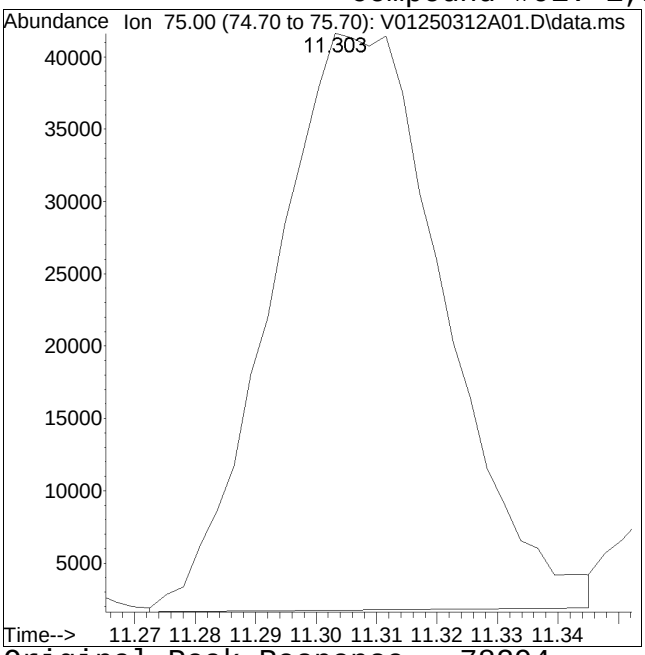
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

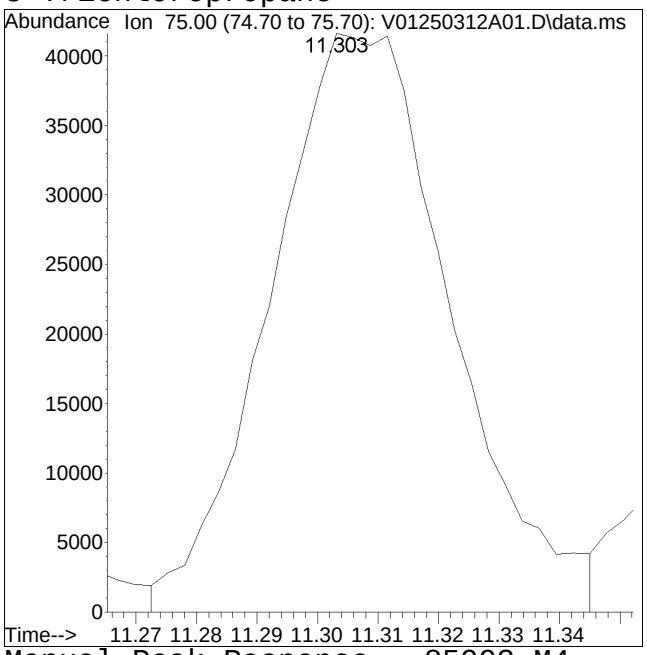
Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A01.D
Date Inj'd : 3/12/2025 7:29 am
Sample : WG2039675-2

QMethod : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 3/12/2025 7:59 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 78294



Manual Peak Response = 85993 M4

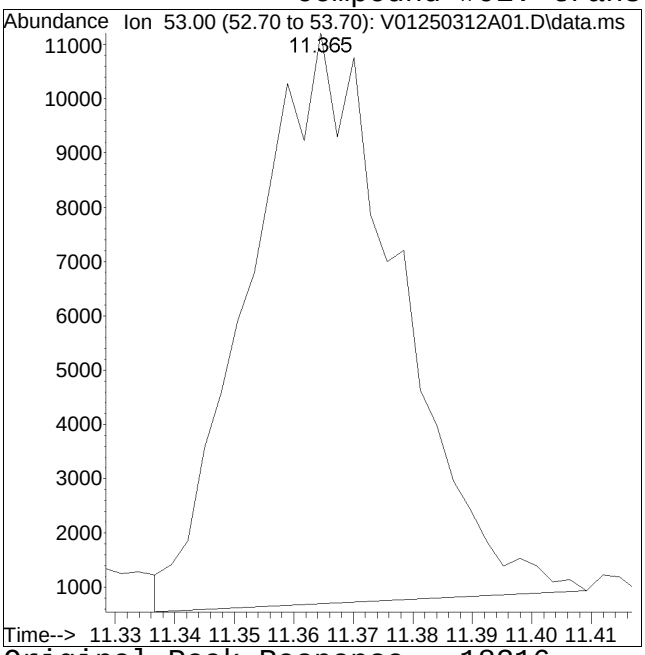
M4 = Poor automated baseline construction.

Manual Integration Report

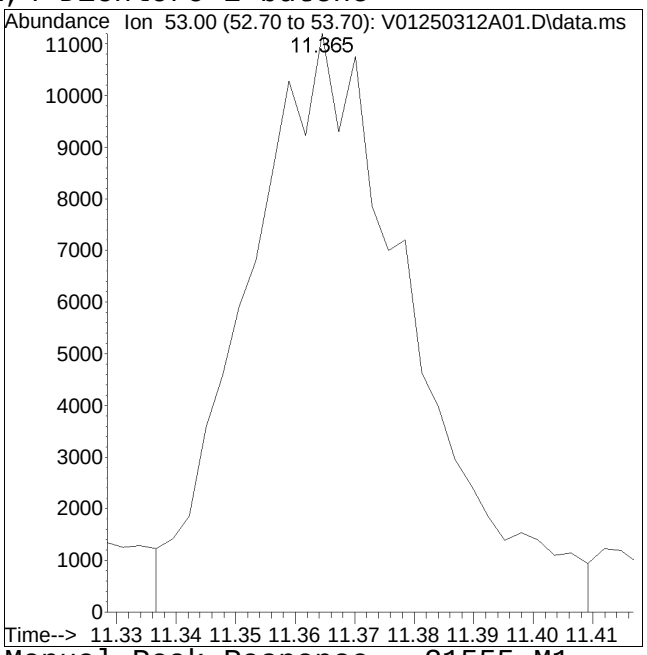
Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A01.D
Date Inj'd : 3/12/2025 7:29 am
Sample : WG2039675-2

QMethod : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 3/12/2025 7:59 am

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 18316



Manual Peak Response = 21555 M1

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

Evaluate Continuing Calibration Report

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A04.D
Acq On : 12 Mar 2025 08:10 am
Operator : VOA122:PID
Sample : WG2039694-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 12 08:51:01 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	72	0.00
2	TP	Dichlorodifluoromethane	0.145	0.145	0.0	64	0.00
3	TP	Chloromethane	0.140	0.172	-22.9#	84	0.00
4	TP	Vinyl chloride	* 10.000	10.450	-4.5	64	0.00
5	TP	Bromomethane	0.098	0.104	-6.1	78	0.00
6	TP	Chloroethane	0.098	0.088	10.2	61	0.00
7	TP	Trichlorofluoromethane	0.185	0.203	-9.7	71	0.00
8	TP	Ethyl ether	0.047	0.049	-4.3	76	0.00
10	TP	1,1-Dichloroethene	0.107	0.116	-8.4	73	0.00
11	TP	Carbon disulfide	0.309	0.353	-14.2	76	0.00
12	TP	Freon-113	0.115	0.118	-2.6	68	0.00
14	TP	Acrolein	0.012	0.012	0.0	85	0.00
15	TP	Methylene chloride	0.127	0.138	-8.7	77	0.00
17	TP	Acetone	0.022	0.023	-4.5	72	0.00
18	TP	trans-1,2-Dichloroethene	0.121	0.134	-10.7	76	0.00
19	TP	Methyl acetate	0.053	0.058	-9.4	82	0.00
21	TP	Methyl tert-butyl ether	0.228	0.221	3.1	73	0.00
22	TP	tert-Butyl alcohol	0.00543	0.00481#	11.4	71	0.00
24	TP	Diisopropyl ether	0.336	0.346	-3.0	78	0.00
25	TP	1,1-Dichloroethane	0.211	0.235#	-11.4	79	0.00
26	TP	Halothane	0.102	0.101	1.0	67	0.00
27	TP	Acrylonitrile	0.026	0.027	-3.8	74	0.00
28	TP	Ethyl tert-butyl ether	0.273	0.263	3.7	73	0.00
29	TP	Vinyl acetate	0.220	0.218	0.9	81	0.00
30	TP	cis-1,2-Dichloroethene	0.136	0.146#	-7.4	75	0.00
31	TP	2,2-Dichloropropane	0.159	0.175	-10.1	78	0.00
32	TP	Bromochloromethane	0.071	0.076#	-7.0	75	0.00
33	TP	Cyclohexane	0.185	0.200	-8.1	70	0.00
34	TP	Chloroform	0.217	0.225#	-3.7	76	0.00
35	TP	Ethyl acetate	0.073	0.073	0.0	78	0.00
36	TP	Carbon tetrachloride	0.181	0.183	-1.1	69	0.00
37	TP	Tetrahydrofuran	0.021	0.023	-9.5	79	0.00
38	S	Dibromofluoromethane	0.288	0.303	-5.2	77	0.00
39	TP	1,1,1-Trichloroethane	0.186	0.202	-8.6	75	0.00
41	TP	2-Butanone	0.033	0.041	-24.2#	96	0.00
42	TP	1,1-Dichloropropene	0.142	0.150	-5.6	72	0.00
44	TP	Benzene	0.459	0.458	0.2	74	0.00
45	TP	tert-Amyl methyl ether	0.231	0.205	11.3	71	0.00
46	S	1,2-Dichloroethane-d4	0.256	0.267	-4.3	78	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A04.D
Acq On : 12 Mar 2025 08:10 am
Operator : VOA122:PID
Sample : WG2039694-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 12 08:51:01 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	1,2-Dichloroethane	0.145	0.154	-6.2	78	0.00
50	TP	Methyl cyclohexane	0.158	0.160	-1.3	69	0.00
51	TP	Trichloroethene	* 10.000	10.428	-4.3	74	0.00
53	TP	Dibromomethane	0.053	0.057	-7.5	81	0.00
54	TP	1,2-Dichloropropane	0.113	0.119#	-5.3	75	0.00
57	TP	Bromodichloromethane	0.162	0.164#	-1.2	75	0.00
60	TP	1,4-Dioxane	0.00073	0.00071#	2.7	73	0.00
61	TP	cis-1,3-Dichloropropene	0.166	0.167#	-0.6	72	0.00
62	I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
63	S	Toluene-d8	1.262	1.278	-1.3	75	0.00
64	TP	Toluene	0.377	0.383	-1.6	74	0.00
65	TP	4-Methyl-2-pentanone	0.028	0.021#	25.0#	67	0.00
66	TP	Tetrachloroethene	0.181	0.173	4.4	72	0.00
68	TP	trans-1,3-Dichloropropene	* 10.000	8.718	12.8	72	0.00
70	TP	Ethyl methacrylate	0.102	0.085	16.7	69	0.00
71	TP	1,1,2-Trichloroethane	0.097	0.089#	8.2	71	0.00
72	TP	Chlorodibromomethane	0.156	0.145#	7.1	72	0.00
73	TP	1,3-Dichloropropane	0.191	0.184	3.7	71	0.00
74	TP	1,2-Dibromoethane	0.119	0.113#	5.0	73	0.00
76	TP	2-Hexanone	0.050	0.041	18.0	72	0.00
77	TP	Chlorobenzene	0.474	0.469	1.1	73	0.00
78	TP	Ethylbenzene	0.717	0.720	-0.4	72	0.00
79	TP	1,1,1,2-Tetrachloroethane	0.159	0.150	5.7	73	0.00
80	TP	p/m Xylene	0.285	0.288	-1.1	72	0.00
81	TP	o Xylene	0.281	0.276	1.8	72	0.00
82	TP	Styrene	0.459	0.446	2.8	71	0.00
83	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
84	TP	Bromoform	0.185	0.155	16.2	71	0.00
86	TP	Isopropylbenzene	1.339	1.402	-4.7	75	0.00
87	S	4-Bromofluorobenzene	0.814	0.840	-3.2	78	0.00
88	TP	Bromobenzene	0.376	0.404	-7.4	81	0.00
89	TP	n-Propylbenzene	1.505	1.534	-1.9	74	0.00
90	TP	1,4-Dichlorobutane	0.338	0.330	2.4	76	0.00
91	TP	1,1,2,2-Tetrachloroethane	0.264	0.247	6.4	73	0.00
92	TP	4-Ethyltoluene	1.269	1.350	-6.4	76	0.00
93	TP	2-Chlorotoluene	0.960	0.995	-3.6	75	0.00
94	TP	1,3,5-Trimethylbenzene	1.061	1.086	-2.4	76	0.00

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A04.D
Acq On : 12 Mar 2025 08:10 am
Operator : VOA122:PID
Sample : WG2039694-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 12 08:51:01 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
95 TP	1,2,3-Trichloropropane	0.201	0.190	5.5	74	0.00
96 TP	trans-1,4-Dichloro-2-butene	0.070	0.066	5.7	77	0.00
97 TP	4-Chlorotoluene	0.987	0.970	1.7	72	0.00
98 TP	tert-Butylbenzene	1.065	1.060	0.5	71	0.00
101 TP	1,2,4-Trimethylbenzene	1.210	1.208	0.2	74	0.00
102 TP	sec-Butylbenzene	1.229	1.230	-0.1	70	0.00
103 TP	p-Isopropyltoluene	1.074	1.056	1.7	70	0.00
104 TP	1,3-Dichlorobenzene	0.735	0.737	-0.3	75	0.00
105 TP	1,4-Dichlorobenzene	0.746	0.736	1.3	74	0.00
106 TP	p-Diethylbenzene	0.622	0.608	2.3	72	0.00
107 TP	n-Butylbenzene	0.830	0.839	-1.1	73	0.00
108 TP	1,2-Dichlorobenzene	0.694	0.684	1.4	75	0.00
109 TP	1,2,4,5-Tetramethylbenzene	0.972	0.913	6.1	71	0.00
110 TP	1,2-Dibromo-3-chloropropane	0.044	0.038	13.6	69	0.00
111 TP	1,3,5-Trichlorobenzene	0.445	0.443	0.4	73	0.00
112 TP	Hexachlorobutadiene	0.129	0.124	3.9	70	0.00
113 TP	1,2,4-Trichlorobenzene	0.411	0.407	1.0	75	0.00
114 TP	Naphthalene	0.903	0.833	7.8	72	0.00
115 TP	1,2,3-Trichlorobenzene	0.360	0.350#	2.8	72	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 14 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A04.D
Acq On : 12 Mar 2025 08:10 am
Operator : VOA122:PID
Sample : WG2039694-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 12 08:51:01 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.884	96	274042	10.000	ug/L	0.00
62) Chlorobenzene-d5	9.414	117	225349	10.000	ug/L	0.00
83) 1,4-Dichlorobenzene-d4	12.146	152	119383	10.000	ug/L	0.00
System Monitoring Compounds						
38) Dibromofluoromethane	5.076	113	83077	10.534	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.34%			
46) 1,2-Dichloroethane-d4	5.598	65	73192	10.421	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.21%			
63) Toluene-d8	7.576	98	287986	10.125	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.25%			
87) 4-Bromofluorobenzene	10.922	95	100265	10.323	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.23%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.585	85	39699	10.012	ug/L	99
3) Chloromethane	1.765	50	47069	12.290	ug/L	97
4) Vinyl chloride	1.836	62	39595	10.450	ug/L	98
5) Bromomethane	2.134	94	28428	10.538	ug/L	96
6) Chloroethane	2.244	64	24115	8.942	ug/L	97
7) Trichlorofluoromethane	2.385	101	55672	10.982	ug/L	99
8) Ethyl ether	2.676	74	13328	10.323	ug/L	99
10) 1,1-Dichloroethene	2.864	96	31745	10.811	ug/L	96
11) Carbon disulfide	2.895	76	96681	11.427	ug/L	100
12) Freon-113	2.903	101	32428	10.297	ug/L	98
14) Acrolein	3.170	56	3219	9.803	ug/L	86
15) Methylene chloride	3.405	84	37721	10.837	ug/L	95
17) Acetone	3.437	43	6204	10.160	ug/L	96
18) trans-1,2-Dichloroethene	3.554	96	36857	11.130	ug/L	97
19) Methyl acetate	3.562	43	15973	10.964	ug/L	96
21) Methyl tert-butyl ether	3.648	73	60440	9.665	ug/L	98
22) tert-Butyl alcohol	3.735	59	6587	44.301	ug/L	91
24) Diisopropyl ether	4.009	45	94714	10.296	ug/L	99
25) 1,1-Dichloroethane	4.127	63	64525	11.173	ug/L	98
26) Halothane	4.182	117	27769	9.976	ug/L	99
27) Acrylonitrile	4.166	53	7310	10.151	ug/L	99
28) Ethyl tert-butyl ether	4.354	59	71947	9.633	ug/L	95
29) Vinyl acetate	4.354	43	59796	9.896	ug/L	96
30) cis-1,2-Dichloroethene	4.637	96	39888	10.675	ug/L	99
31) 2,2-Dichloropropane	4.739	77	48003	11.019	ug/L	98

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A04.D
Acq On : 12 Mar 2025 08:10 am
Operator : VOA122:PID
Sample : WG2039694-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 12 08:51:01 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
32) Bromochloromethane	4.825	128	20797	10.722	ug/L	93
33) Cyclohexane	4.841	56	54698	10.781	ug/L	99
34) Chloroform	4.896	83	61718	10.398	ug/L	98
35) Ethyl acetate	5.006	43	19954	10.031	ug/L	98
36) Carbon tetrachloride	5.037	117	50254	10.117	ug/L	98
37) Tetrahydrofuran	5.053	42	6270M6	11.061	ug/L	
39) 1,1,1-Trichloroethane	5.100	97	55435	10.889	ug/L	98
41) 2-Butanone	5.186	43	11101	12.342	ug/L	96
42) 1,1-Dichloropropene	5.217	75	41055	10.550	ug/L	99
44) Benzene	5.465	78	125437	9.977	ug/L	98
45) tert-Amyl methyl ether	5.577	73	56060	8.853	ug/L	99
47) 1,2-Dichloroethane	5.661	62	42133	10.618	ug/L	99
50) Methyl cyclohexane	6.058	83	43929	10.124	ug/L	97
51) Trichloroethene	6.058	95	37362	10.428	ug/L	98
53) Dibromomethane	6.491	93	15719	10.829	ug/L	98
54) 1,2-Dichloropropane	6.596	63	32541	10.478	ug/L	98
57) Bromodichloromethane	6.672	83	45006	10.130	ug/L	99
60) 1,4-Dioxane	6.881	88	9672	480.320	ug/L	97
61) cis-1,3-Dichloropropene	7.360	75	45712	10.070	ug/L	93
64) Toluene	7.631	92	86272	10.152	ug/L	99
65) 4-Methyl-2-pentanone	8.069	58	4728	7.434	ug/L	88
66) Tetrachloroethene	8.076	166	38966	9.533	ug/L	99
68) trans-1,3-Dichloropropene	8.111	75	37561	8.718	ug/L	96
70) Ethyl methacrylate	8.305	69	19081	8.276	ug/L	99
71) 1,1,2-Trichloroethane	8.291	83	20144	9.240	ug/L	99
72) Chlorodibromomethane	8.507	129	32647	9.280	ug/L	97
73) 1,3-Dichloropropane	8.618	76	41503	9.661	ug/L	99
74) 1,2-Dibromoethane	8.778	107	25540	9.502	ug/L	99
76) 2-Hexanone	9.070	43	9214	8.147	ug/L	95
77) Chlorobenzene	9.435	112	105597	9.886	ug/L	99
78) Ethylbenzene	9.477	91	162190	10.037	ug/L	100
79) 1,1,1,2-Tetrachloroethane	9.519	131	33808	9.435	ug/L	98
80) p/m Xylene	9.667	106	129801	20.187	ug/L	100
81) o Xylene	10.214	106	124333	19.602	ug/L	98
82) Styrene	10.277	104	200835	19.403	ug/L	100
84) Bromoform	10.298	173	18466	8.383	ug/L	99
86) Isopropylbenzene	10.606	105	167420	10.472	ug/L	98
88) Bromobenzene	11.034	156	48274	10.744	ug/L	98
89) n-Propylbenzene	11.090	91	183177	10.194	ug/L	98
90) 1,4-Dichlorobutane	11.097	55	39456	9.784	ug/L	98
91) 1,1,2,2-Tetrachloroethane	11.167	83	29449	9.355	ug/L	98

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A04.D
Acq On : 12 Mar 2025 08:10 am
Operator : VOA122:PID
Sample : WG2039694-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 12 08:51:01 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 4-Ethyltoluene	11.216	105	161124	10.639	ug/L	98
93) 2-Chlorotoluene	11.251	91	118806M6	10.365	ug/L	
94) 1,3,5-Trimethylbenzene	11.322	105	129628	10.230	ug/L	98
95) 1,2,3-Trichloropropane	11.307	75	22658	9.438	ug/L	97
96) trans-1,4-Dichloro-2-b...	11.364	53	7933	9.530	ug/L	97
97) 4-Chlorotoluene	11.441	91	115795	9.826	ug/L	99
98) tert-Butylbenzene	11.658	119	126601	9.961	ug/L	99
101) 1,2,4-Trimethylbenzene	11.742	105	144220	9.985	ug/L	99
102) sec-Butylbenzene	11.853	105	146834	10.011	ug/L	100
103) p-Isopropyltoluene	12.013	119	126066	9.833	ug/L	100
104) 1,3-Dichlorobenzene	12.069	146	88040	10.031	ug/L	99
105) 1,4-Dichlorobenzene	12.160	146	87877	9.868	ug/L	99
106) p-Diethylbenzene	12.389	119	72629	9.774	ug/L	99
107) n-Butylbenzene	12.445	91	100152	10.107	ug/L	100
108) 1,2-Dichlorobenzene	12.584	146	81689	9.853	ug/L	98
109) 1,2,4,5-Tetramethylben...	13.190	119	109030	9.395	ug/L	100
110) 1,2-Dibromo-3-chloropr...	13.371	155	4593	8.749	ug/L	94
111) 1,3,5-Trichlorobenzene	13.406	180	52840	9.940	ug/L	99
112) Hexachlorobutadiene	13.990	225	14788	9.635	ug/L	99
113) 1,2,4-Trichlorobenzene	14.004	180	48628	9.921	ug/L	98
114) Naphthalene	14.297	128	99466	9.226	ug/L	100
115) 1,2,3-Trichlorobenzene	14.471	180	41755	9.711	ug/L	95

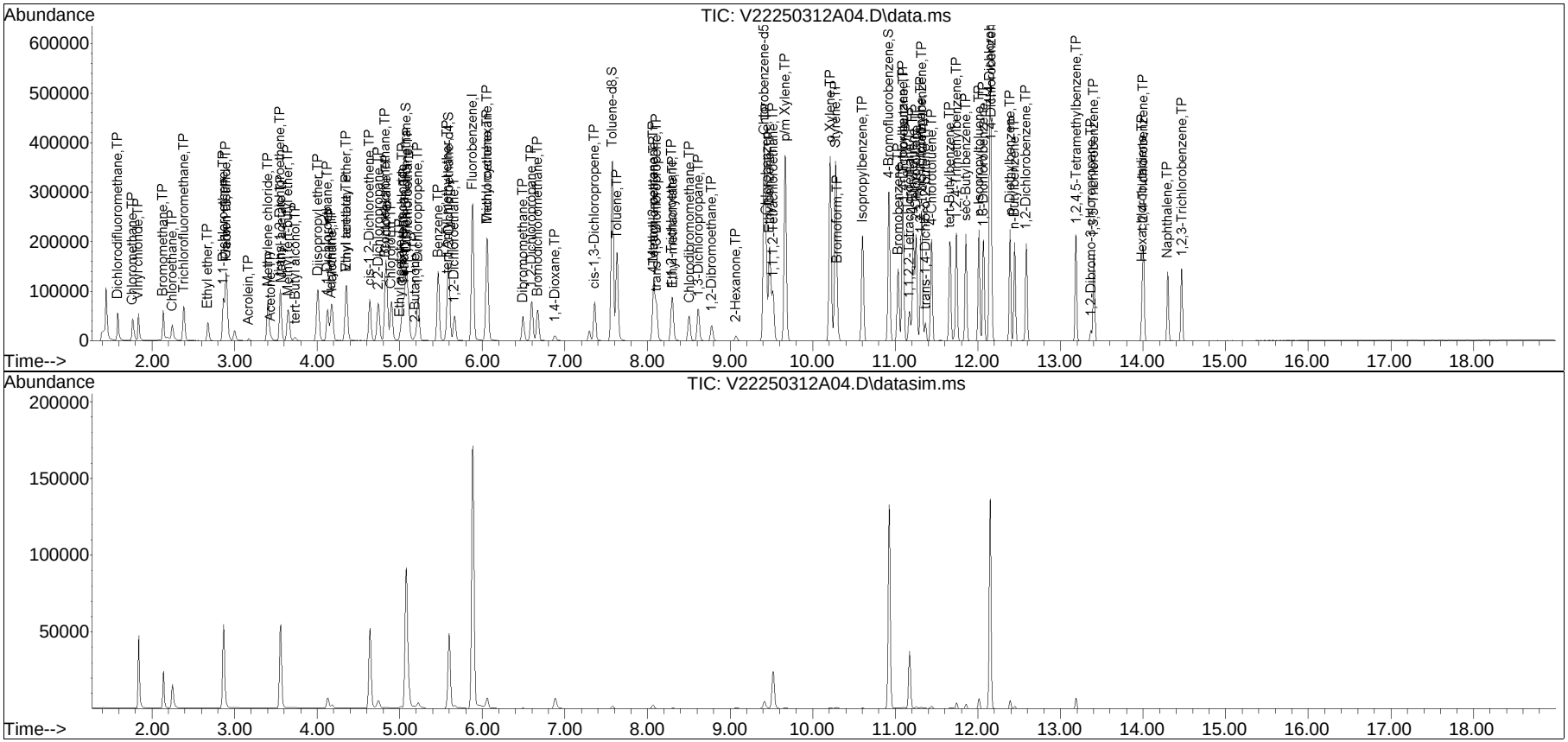
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A04.D
Acq On : 12 Mar 2025 08:10 am
Operator : VOA122:PID
Sample : WG2039694-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 12 08:51:01 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

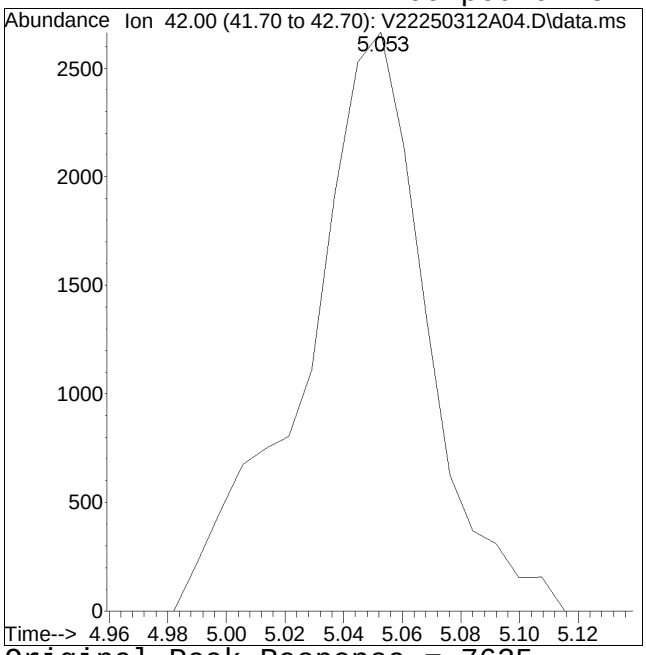
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane



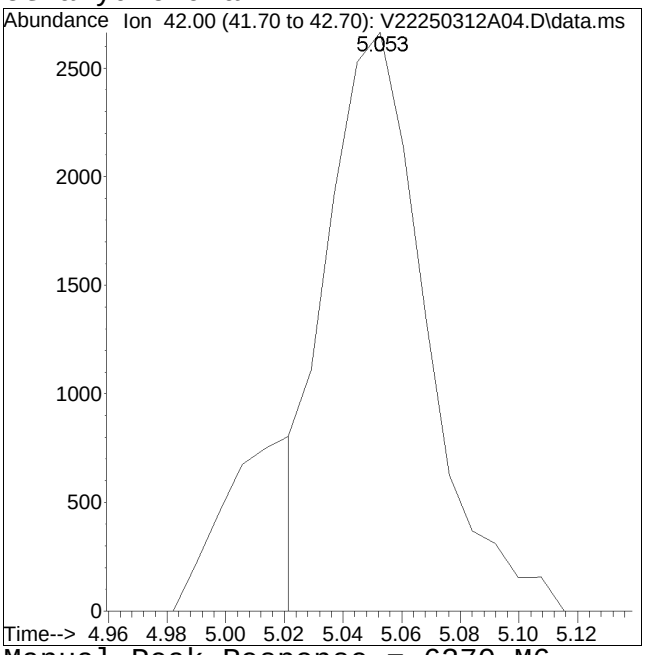
Manual Integration Report

Data Path	: K:\VOA122\2025\250312A\	QMethod	: V122_2501214B_8260.m
Data File	: V22250312A04.D	Operator	: VOA122:PID
Date Inj'd	: 3/12/2025 8:10 am	Instrument	: VOA 122
Sample	: WG2039694-2	Quant Date	: 3/12/2025 8:49 am

Compound #37: Tetrahydrofuran



Original Peak Response = 7635



Manual Peak Response = 6270 M6

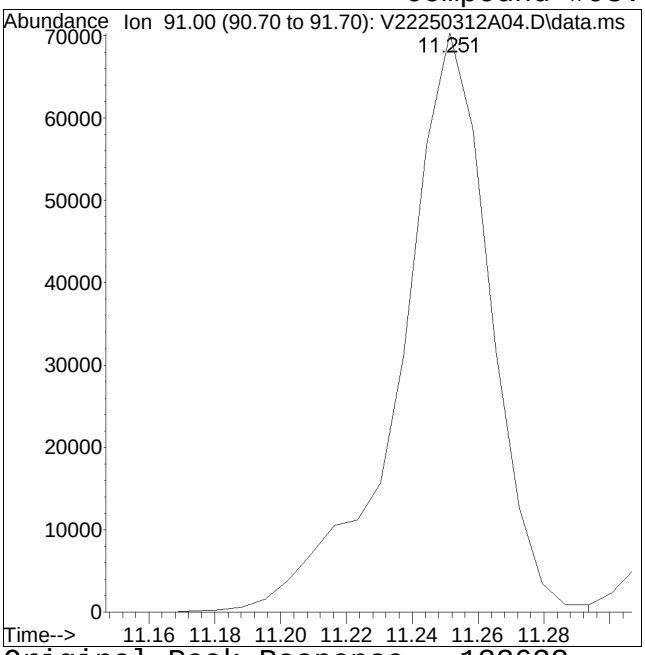
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

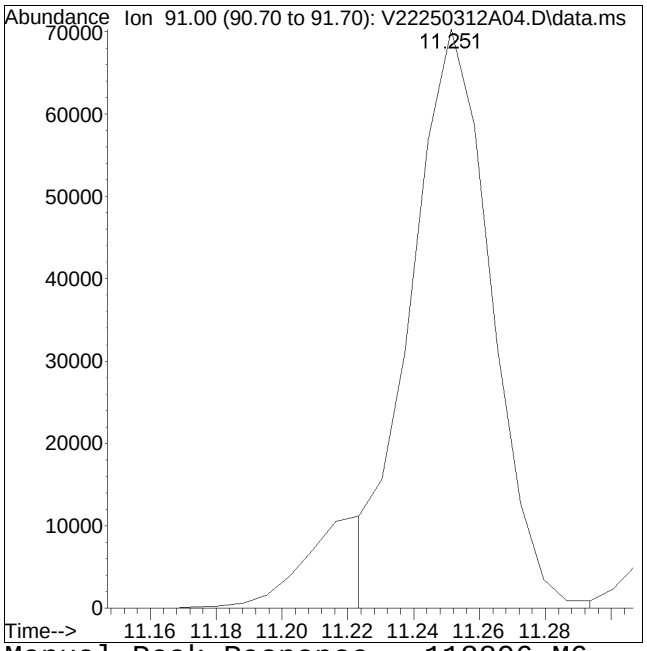
Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A04.D
Date Inj'd : 3/12/2025 8:10 am
Sample : WG2039694-2

QMethod : V122_2501214B_8260.m
Operator : VOA122:PID
Instrument : VOA 122
Quant Date : 3/12/2025 8:49 am

Compound #93: 2-Chlorotoluene



Original Peak Response = 133633



Manual Peak Response = 118806 M6

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

Evaluate Continuing Calibration Report

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A01.D
Acq On : 12 Mar 2025 9:27 am
Operator : ELAINE:PID
Sample : WG2039699-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 10:30:25 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	154	0.00
2	TP	Dichlorodifluoromethane	0.257	0.215	16.3	110	0.00
3	TP	Chloromethane	0.232	0.206	11.2	120	0.00
4	TP	Vinyl chloride	0.301	0.253	15.9	116	0.00
5	TP	Bromomethane	0.266	0.157	41.0#	84	0.00
6	TP	Chloroethane	0.231	0.190	17.7	112	0.00
7	TP	Trichlorofluoromethane	0.519	0.384	26.0#	100	0.00
8	TP	Ethyl ether	0.155	0.127	18.1	115	0.00
10	TP	1,1-Dichloroethene	0.281	0.222	21.0#	110	0.00
11	TP	Carbon disulfide	0.792	0.687	13.3	124	0.00
12	TP	Freon-113	0.270	0.225	16.7	122	0.00
14	TP	Acrolein	0.022	0.028	-27.3#	199	0.00
15	TP	Methylene chloride	0.235	0.234	0.4	145	0.00
17	TP	Acetone	0.040	0.044	-10.0	176	0.00
18	TP	trans-1,2-Dichloroethene	0.220	0.226	-2.7	144	0.00
19	TP	Methyl acetate	0.100	0.093	7.0	136	0.00
21	TP	Methyl tert-butyl ether	0.519	0.466	10.2	138	0.00
22	TP	tert-Butyl alcohol	0.00946	0.00964#	-1.9	147	0.00
24	TP	Diisopropyl ether	0.571	0.574	-0.5	151	0.00
25	TP	1,1-Dichloroethane	0.407	0.419	-2.9	146	0.00
26	TP	Halothane	0.163	0.168	-3.1	142	0.00
27	TP	Acrylonitrile	0.051	0.051	0.0	141	0.00
28	TP	Ethyl tert-butyl ether	0.554	0.518	6.5	146	-0.01
29	TP	Vinyl acetate	0.405	0.373	7.9	150	0.00
30	TP	cis-1,2-Dichloroethene	0.257	0.255	0.8	140	0.00
31	TP	2,2-Dichloropropane	0.337	0.311	7.7	133	0.00
33	TP	Bromochloromethane	0.117	0.116	0.9	140	0.00
34	TP	Cyclohexane	0.378	0.389	-2.9	140	-0.01
35	TP	Chloroform	0.403	0.408	-1.2	143	0.00
36	TP	Ethyl acetate	0.133	0.122	8.3	144	0.00
37	TP	Carbon tetrachloride	0.298	0.317	-6.4	147	0.00
38	TP	Tetrahydrofuran	0.042	0.040	4.8	134	-0.01
39	S	Dibromofluoromethane	0.273	0.276	-1.1	151	0.00
40	TP	1,1,1-Trichloroethane	0.332	0.324	2.4	133	0.00
42	TP	2-Butanone	0.056	0.059	-5.4	165	0.00
43	TP	1,1-Dichloropropene	0.269	0.265	1.5	144	0.00
45	TP	Benzene	0.888	0.854	3.8	145	0.00
46	TP	tert-Amyl methyl ether	0.524	0.426	18.7	126	-0.01
47	S	1,2-Dichloroethane-d4	0.289	0.292	-1.0	150	0.00

Evaluate Continuing Calibration Report

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A01.D
Acq On : 12 Mar 2025 9:27 am
Operator : ELAINE:PID
Sample : WG2039699-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 10:30:25 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	T	1,2-Dichloroethane	0.280	0.273	2.5	140	0.00
51	TP	Methyl cyclohexane	0.394	0.344	12.7	127	0.00
52	TP	Trichloroethene	0.215	0.213	0.9	144	0.00
54	TP	Dibromomethane	0.135	0.121	10.4	130	0.00
55	TP	1,2-Dichloropropane	0.209	0.221	-5.7	151	0.00
58	TP	Bromodichloromethane	0.300	0.286#	4.7	140	0.00
61	TP	1,4-Dioxane	0.00108	0.00124#	-14.8	161	0.00
62	TP	cis-1,3-Dichloropropene	0.325	0.313	3.7	141	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	149	0.00
64	S	Toluene-d8	1.323	1.323	0.0	146	0.00
65	TP	Toluene	0.748	0.690	7.8	130	0.00
66	TP	4-Methyl-2-pentanone	0.064	0.051	20.3#	121	0.00
67	TP	Tetrachloroethene	0.288	0.297	-3.1	147	0.00
69	TP	trans-1,3-Dichloropropene	0.362	0.333	8.0	137	0.00
71	TP	Ethyl methacrylate	0.255	0.204	20.0#	109	0.00
72	TP	1,1,2-Trichloroethane	0.188	0.175#	6.9	139	0.00
73	TP	Chlorodibromomethane	0.261	0.246	5.7	145	0.00
74	TP	1,3-Dichloropropane	0.388	0.376	3.1	141	0.00
75	TP	1,2-Dibromoethane	0.215	0.205	4.7	138	0.00
77	TP	2-Hexanone	0.102	0.082	19.6	112	0.00
78	TP	Chlorobenzene	0.851	0.807	5.2	136	0.00
79	TP	Ethylbenzene	1.497	1.383	7.6	133	0.00
80	TP	1,1,1,2-Tetrachloroethane	0.265	0.257	3.0	148	0.00
81	TP	p/m Xylene	0.613	0.545	11.1	136	0.00
82	TP	o Xylene	0.610	0.544	10.8	138	0.00
83	TP	Styrene	1.039	0.885	14.8	135	0.00
84	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	154	0.00
85	TP	Bromoform	* 10.000	8.784	12.2	145	0.00
87	TP	Isopropylbenzene	2.758	2.594	5.9	135	0.00
88	S	4-Bromofluorobenzene	0.800	0.863	-7.9	156	0.00
89	TP	Bromobenzene	0.615	0.600	2.4	139	0.00
90	TP	n-Propylbenzene	3.325	3.110	6.5	135	0.00
91	TP	1,4-Dichlorobutane	0.607	0.585	3.6	134	0.00
92	TP	1,1,2,2-Tetrachloroethane	0.469	0.432	7.9	128	0.00
93	TP	4-Ethyltoluene	2.748	2.601	5.3	135	0.00
94	TP	2-Chlorotoluene	1.887	1.845	2.2	142	0.00
95	TP	1,3,5-Trimethylbenzene	2.450	2.208	9.9	133	0.00

Evaluate Continuing Calibration Report

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A01.D
Acq On : 12 Mar 2025 9:27 am
Operator : ELAINE:PID
Sample : WG2039699-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 10:30:25 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 TP	1,2,3-Trichloropropane	0.396	0.357	9.8	127	0.00
97 TP	trans-1,4-Dichloro-2-butene	0.135	0.111	17.8	122	-0.01
98 TP	4-Chlorotoluene	1.958	1.947	0.6	145	0.00
99 TP	tert-Butylbenzene	2.042	1.953	4.4	140	0.00
102 TP	1,2,4-Trimethylbenzene	2.398	2.217	7.5	137	0.00
103 TP	sec-Butylbenzene	3.096	2.836	8.4	134	0.00
104 TP	p-Isopropyltoluene	2.714	2.505	7.7	137	0.00
105 TP	1,3-Dichlorobenzene	1.339	1.303	2.7	147	0.00
106 TP	1,4-Dichlorobenzene	1.332	1.240	6.9	138	0.00
107 TP	p-Diethylbenzene	1.609	1.431	11.1	132	0.00
108 TP	n-Butylbenzene	2.328	2.060	11.5	131	0.00
109 TP	1,2-Dichlorobenzene	1.258	1.215	3.4	144	0.00
110 TP	1,2,4,5-Tetramethylbenzene	2.538	2.346	7.6	143	0.00
111 TP	1,2-Dibromo-3-chloropropane *	10.000	8.290	17.1	124	0.00
112 TP	1,3,5-Trichlorobenzene	0.921	0.901	2.2	150	0.00
113 TP	Hexachlorobutadiene	0.243	0.250	-2.9	146	0.00
114 TP	1,2,4-Trichlorobenzene	0.793	0.783	1.3	147	0.00
115 TP	Naphthalene	1.887	1.695	10.2	133	0.00
116 TP	1,2,3-Trichlorobenzene	0.727	0.681	6.3	141	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 4 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A01.D
Acq On : 12 Mar 2025 9:27 am
Operator : ELAINE:PID
Sample : WG2039699-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 10:30:25 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.768	96	297682	10.000	ug/L	0.00
63) Chlorobenzene-d5	9.275	117	223126	10.000	ug/L	0.00
84) 1,4-Dichlorobenzene-d4	12.028	152	121415	10.000	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	4.973	113	82241	10.123	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.23%			
47) 1,2-Dichloroethane-d4	5.487	65	86873	10.102	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.02%			
64) Toluene-d8	7.442	98	295223	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.00%			
88) 4-Bromofluorobenzene	10.799	95	104839	10.789	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.89%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.522	85	64023	8.359	ug/L	98
3) Chloromethane	1.702	50	61195	8.863	ug/L	99
4) Vinyl chloride	1.772	62	75431	8.412	ug/L	100
5) Bromomethane	2.062	94	46815	5.915	ug/L	96
6) Chloroethane	2.172	64	56603	8.245	ug/L	100
7) Trichlorofluoromethane	2.308	101	114393	7.400	ug/L	100
8) Ethyl ether	2.589	74	37802	8.208	ug/L	90
10) 1,1-Dichloroethene	2.769	96	66075	7.902	ug/L	90
11) Carbon disulfide	2.800	76	204538	8.678	ug/L	100
12) Freon-113	2.809	101	66844	8.326	ug/L	98
14) Acrolein	3.081	56	8355	12.517	ug/L	91
15) Methylene chloride	3.309	84	69640	9.935	ug/L	96
17) Acetone	3.349	43	13063	10.969	ug/L	100
18) trans-1,2-Dichloroethene	3.454	96	67314	10.267	ug/L	96
19) Methyl acetate	3.458	43	27760M6	9.348	ug/L	
21) Methyl tert-butyl ether	3.551	73	138635	8.967	ug/L #	95
22) tert-Butyl alcohol	3.634	59	14353	50.991	ug/L #	100
24) Diisopropyl ether	3.897	45	170851	10.048	ug/L	98
25) 1,1-Dichloroethane	4.025	63	124618	10.285	ug/L	98
26) Halothane	4.082	117	50127	10.341	ug/L	98
27) Acrylonitrile	4.064	53	15112	9.956	ug/L	93
28) Ethyl tert-butyl ether	4.240	59	154283	9.355	ug/L	98
29) Vinyl acetate	4.249	43	110991	9.217	ug/L	99
30) cis-1,2-Dichloroethene	4.530	96	75924	9.936	ug/L	97
31) 2,2-Dichloropropane	4.631	77	92727	9.230	ug/L #	98

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A01.D
Acq On : 12 Mar 2025 9:27 am
Operator : ELAINE:PID
Sample : WG2039699-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 10:30:25 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
33) Bromochloromethane	4.718	128	34497	9.896	ug/L		94
34) Cyclohexane	4.723	56	115892	10.287	ug/L		96
35) Chloroform	4.793	83	121327	10.110	ug/L		99
36) Ethyl acetate	4.899	43	36342	9.194	ug/L		98
37) Carbon tetrachloride	4.925	117	94347M6	10.624	ug/L		
38) Tetrahydrofuran	4.938	42	11789M6	9.453	ug/L		
40) 1,1,1-Trichloroethane	4.995	97	96415	9.768	ug/L		98
42) 2-Butanone	5.079	43	17678	10.653	ug/L	#	82
43) 1,1-Dichloropropene	5.109	75	79016	9.852	ug/L		99
45) Benzene	5.351	78	254204	9.621	ug/L		99
46) tert-Amyl methyl ether	5.461	73	126801	8.126	ug/L	#	92
48) 1,2-Dichloroethane	5.557	62	81410	9.756	ug/L		96
51) Methyl cyclohexane	5.936	83	102468	8.732	ug/L		90
52) Trichloroethene	5.945	95	63286	9.871	ug/L		99
54) Dibromomethane	6.379	93	35905	8.951	ug/L		97
55) 1,2-Dichloropropane	6.479	63	65703	10.568	ug/L		99
58) Bromodichloromethane	6.556	83	85191	9.535	ug/L		98
61) 1,4-Dioxane	6.759	88	18520	578.188	ug/L		96
62) cis-1,3-Dichloropropene	7.239	75	93047	9.620	ug/L		97
65) Toluene	7.501	92	153912	9.223	ug/L		100
66) 4-Methyl-2-pentanone	7.936	58	11358	7.981	ug/L		96
67) Tetrachloroethene	7.945	166	66339	10.334	ug/L		98
69) trans-1,3-Dichloropropene	7.990	75	74325	9.211	ug/L		99
71) Ethyl methacrylate	8.176	69	45413	7.969	ug/L		84
72) 1,1,2-Trichloroethane	8.171	83	39060	9.322	ug/L		99
73) Chlorodibromomethane	8.379	129	54980	9.428	ug/L		98
74) 1,3-Dichloropropane	8.488	76	83844	9.680	ug/L		100
75) 1,2-Dibromoethane	8.646	107	45780	9.545	ug/L		97
77) 2-Hexanone	8.936	43	18283	8.065	ug/L		99
78) Chlorobenzene	9.298	112	180063	9.485	ug/L		98
79) Ethylbenzene	9.339	91	308513	9.235	ug/L		99
80) 1,1,1,2-Tetrachloroethane	9.379	131	57451	9.708	ug/L		97
81) p/m Xylene	9.524	106	243428	17.811	ug/L		99
82) o Xylene	10.072	106	242617	17.834	ug/L		99
83) Styrene	10.140	104	394864	17.040	ug/L		98
85) Bromoform	10.167	173	30042	8.784	ug/L		97
87) Isopropylbenzene	10.468	105	314895	9.402	ug/L		99
89) Bromobenzene	10.909	156	72796	9.744	ug/L		99
90) n-Propylbenzene	10.962	91	377544	9.353	ug/L		99
91) 1,4-Dichlorobutane	10.979	55	71021	9.631	ug/L		99
92) 1,1,2,2-Tetrachloroethane	11.054	83	52466	9.223	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A01.D
Acq On : 12 Mar 2025 9:27 am
Operator : ELAINE:PID
Sample : WG2039699-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 10:30:25 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 4-Ethyltoluene	11.089	105	315792	9.463	ug/L	100
94) 2-Chlorotoluene	11.129	91	224009M1	9.778	ug/L	
95) 1,3,5-Trimethylbenzene	11.191	105	268101	9.014	ug/L	100
96) 1,2,3-Trichloropropane	11.191	75	43319	9.001	ug/L	100
97) trans-1,4-Dichloro-2-b...	11.244	53	13443	8.212	ug/L	85
98) 4-Chlorotoluene	11.318	91	236357	9.943	ug/L	100
99) tert-Butylbenzene	11.534	119	237145	9.567	ug/L	99
102) 1,2,4-Trimethylbenzene	11.618	105	269228	9.246	ug/L	97
103) sec-Butylbenzene	11.728	105	344299	9.161	ug/L	98
104) p-Isopropyltoluene	11.887	119	304145	9.230	ug/L	100
105) 1,3-Dichlorobenzene	11.953	146	158235	9.733	ug/L	99
106) 1,4-Dichlorobenzene	12.045	146	150551	9.307	ug/L	99
107) p-Diethylbenzene	12.266	119	173743	8.895	ug/L	99
108) n-Butylbenzene	12.327	91	250153	8.850	ug/L	99
109) 1,2-Dichlorobenzene	12.473	146	147537	9.661	ug/L	99
110) 1,2,4,5-Tetramethylben...	13.068	119	284843	9.244	ug/L	99
111) 1,2-Dibromo-3-chloropr...	13.253	155	7264	8.290	ug/L	81
112) 1,3,5-Trichlorobenzene	13.288	180	109423	9.783	ug/L	99
113) Hexachlorobutadiene	13.869	225	30412	10.323	ug/L	99
114) 1,2,4-Trichlorobenzene	13.891	180	95095	9.875	ug/L	98
115) Naphthalene	14.182	128	205841	8.983	ug/L	100
116) 1,2,3-Trichlorobenzene	14.354	180	82625	9.358	ug/L	98

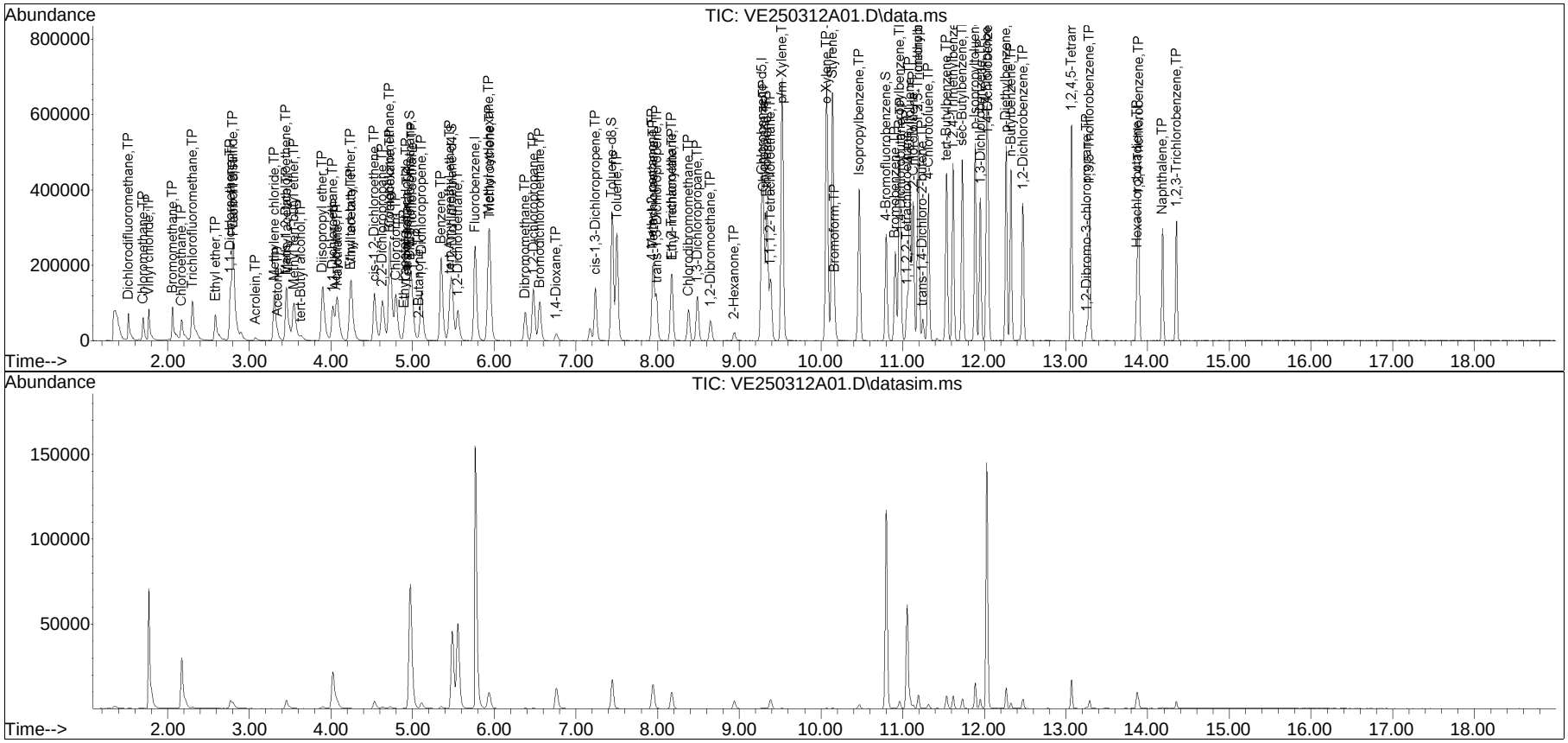
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A01.D
Acq On : 12 Mar 2025 9:27 am
Operator : ELAINE:PID
Sample : WG2039699-2 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 10:30:25 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

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

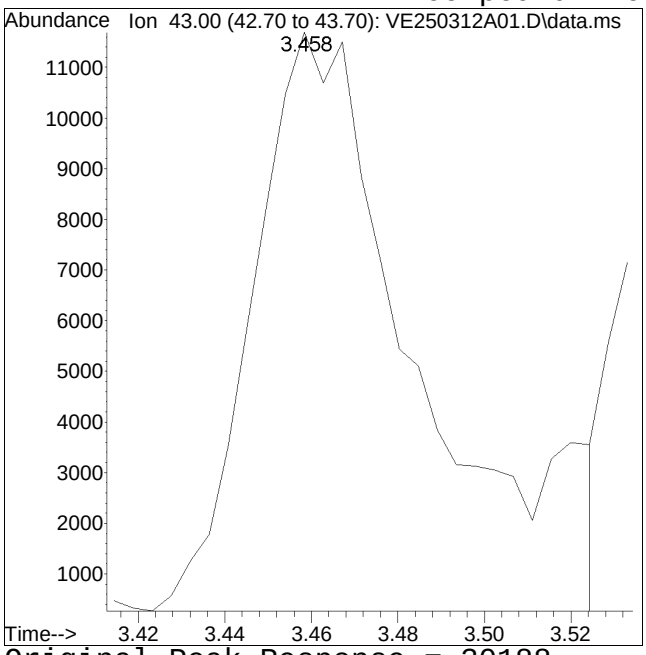


Manual Integration Report

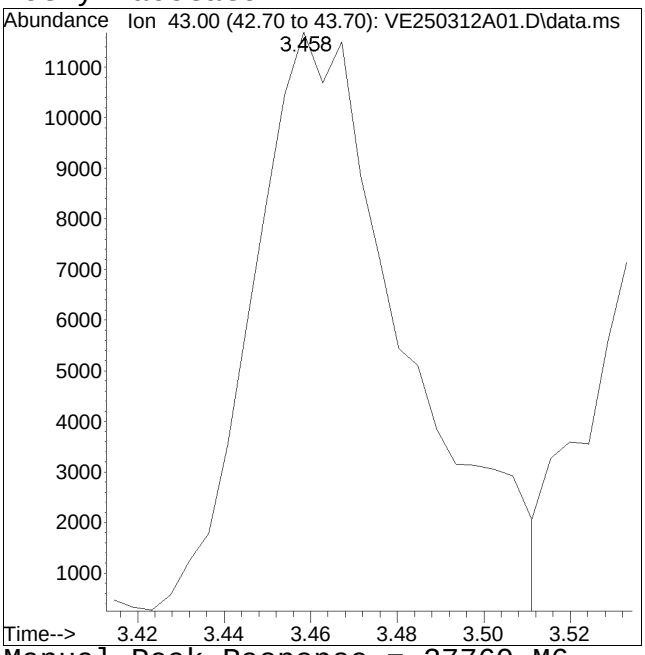
Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A01.D
Date Inj'd : 3/12/2025 9:27 am
Sample : WG2039699-2

QMethod : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 3/12/2025 10:29 am

Compound #19: Methyl acetate



Original Peak Response = 30188



Manual Peak Response = 27760 M6

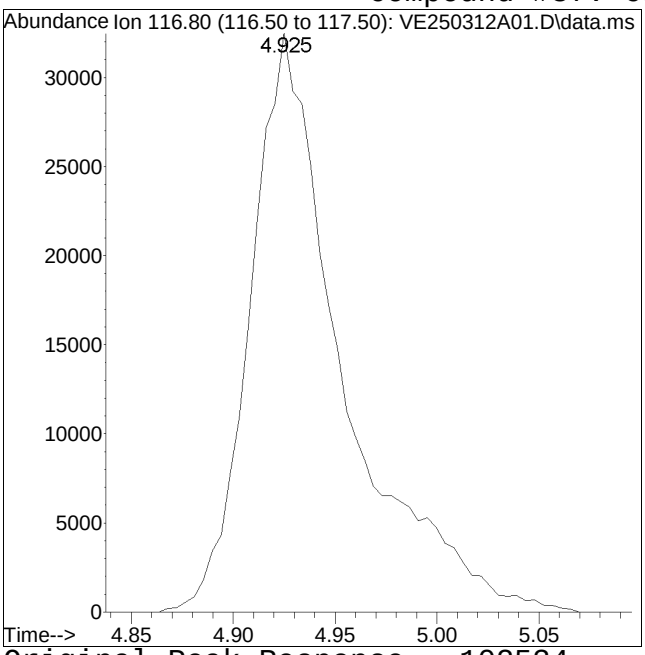
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

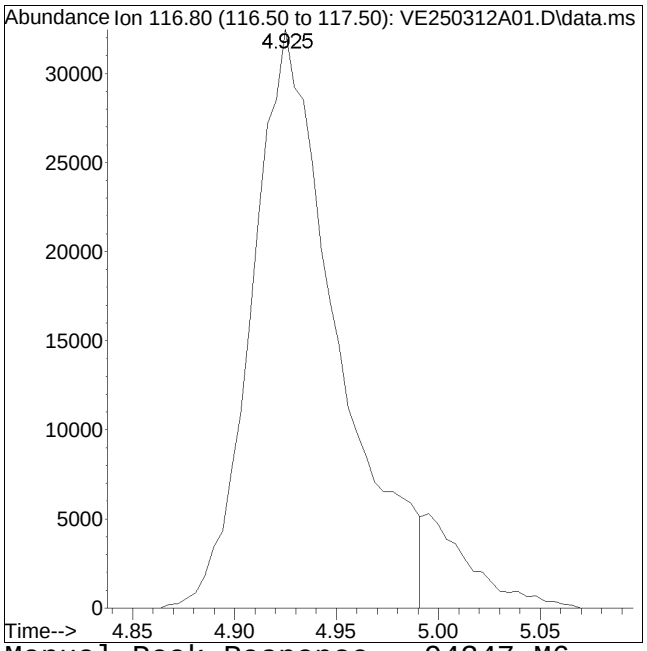
Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A01.D
Date Inj'd : 3/12/2025 9:27 am
Sample : WG2039699-2

QMethod : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 3/12/2025 10:29 am

Compound #37: Carbon tetrachloride



Original Peak Response = 102534



Manual Peak Response = 94347 M6

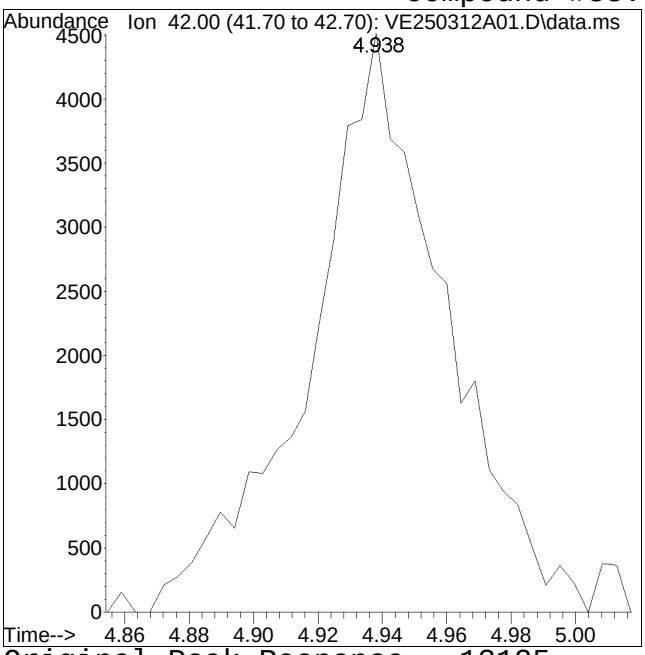
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

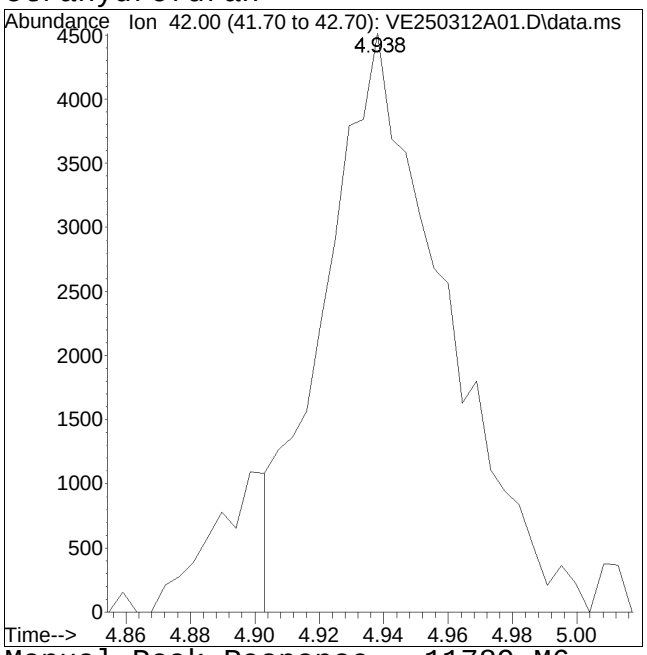
Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A01.D
Date Inj'd : 3/12/2025 9:27 am
Sample : WG2039699-2

QMethod : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 3/12/2025 10:29 am

Compound #38: Tetrahydrofuran



Original Peak Response = 13125



Manual Peak Response = 11789 M6

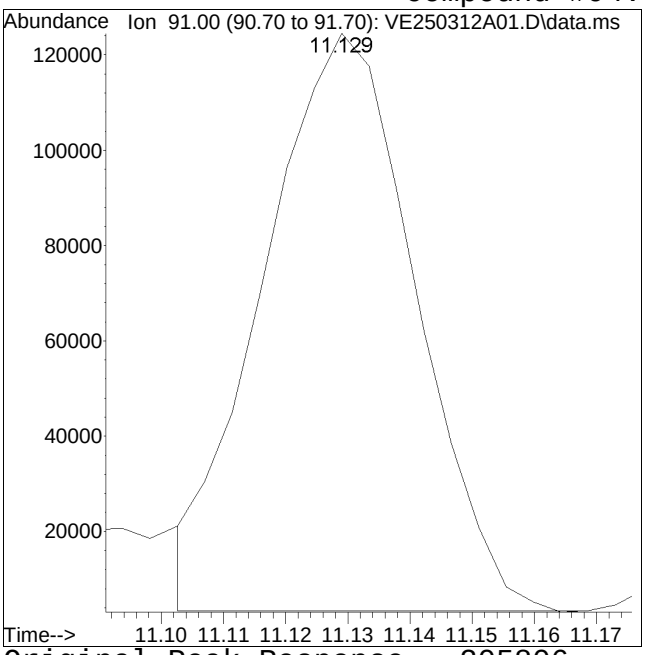
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

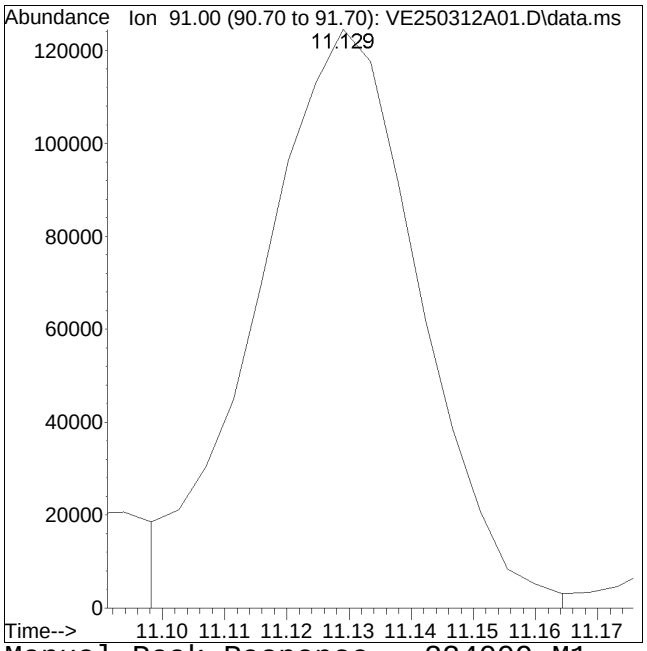
Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A01.D
Date Inj'd : 3/12/2025 9:27 am
Sample : WG2039699-2

QMethod : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 3/12/2025 10:29 am

Compound #94: 2-Chlorotoluene



Original Peak Response = 205806



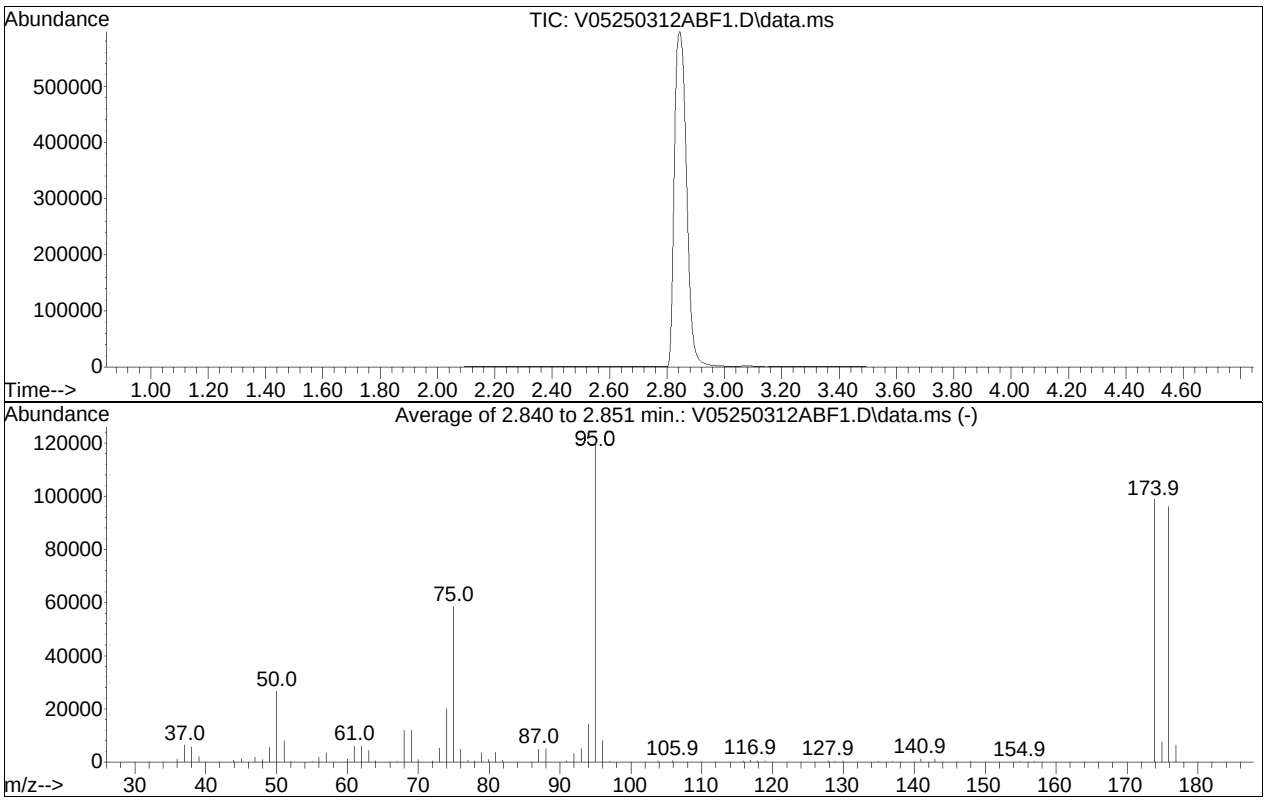
Manual Peak Response = 224009 M1

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

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312ABF1.D
Acq On : 12 Mar 2025 6:42 am
Operator : VOA105:PID
Sample : WG2039666-1
Misc : WG2039666,ICAL22014
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Fri Feb 21 12:33:29 2025



Spectrum Information: Average of 2.840 to 2.851 min.

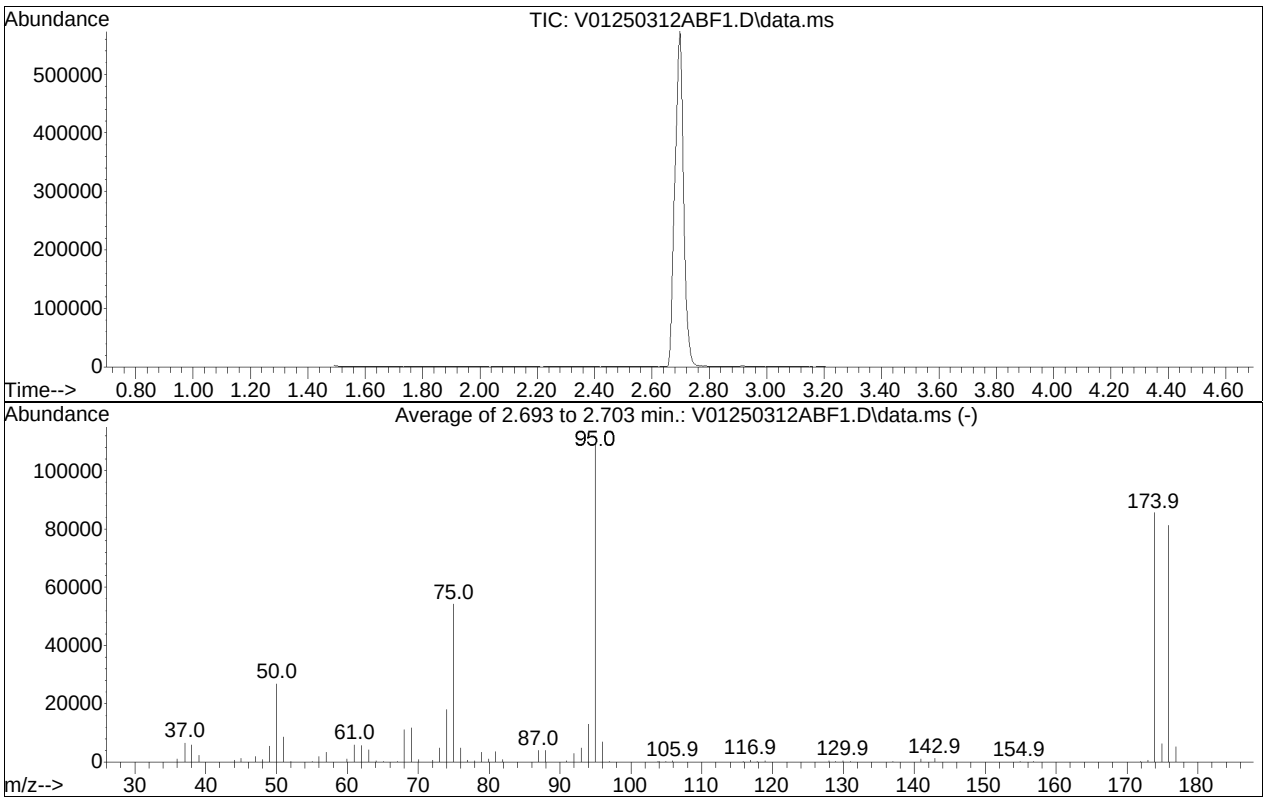
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.3	26797	PASS
75	95	30	60	48.8	58560	PASS
95	95	100	100	100.0	120117	PASS
96	95	5	9	6.7	8051	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	82.3	98805	PASS
175	174	5	9	7.7	7641	PASS
176	174	95	101	97.3	96152	PASS
177	176	5	9	6.6	6363	PASS

BFB

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312ABF1.D
Acq On : 12 Mar 2025 7:14 am
Operator : VOA101:PID
Sample : WG2039675-1
Misc : WG2039675
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Feb 12 10:30:07 2025



AutoFind: Scans 230, 231, 232; Background Corrected with Scan 220

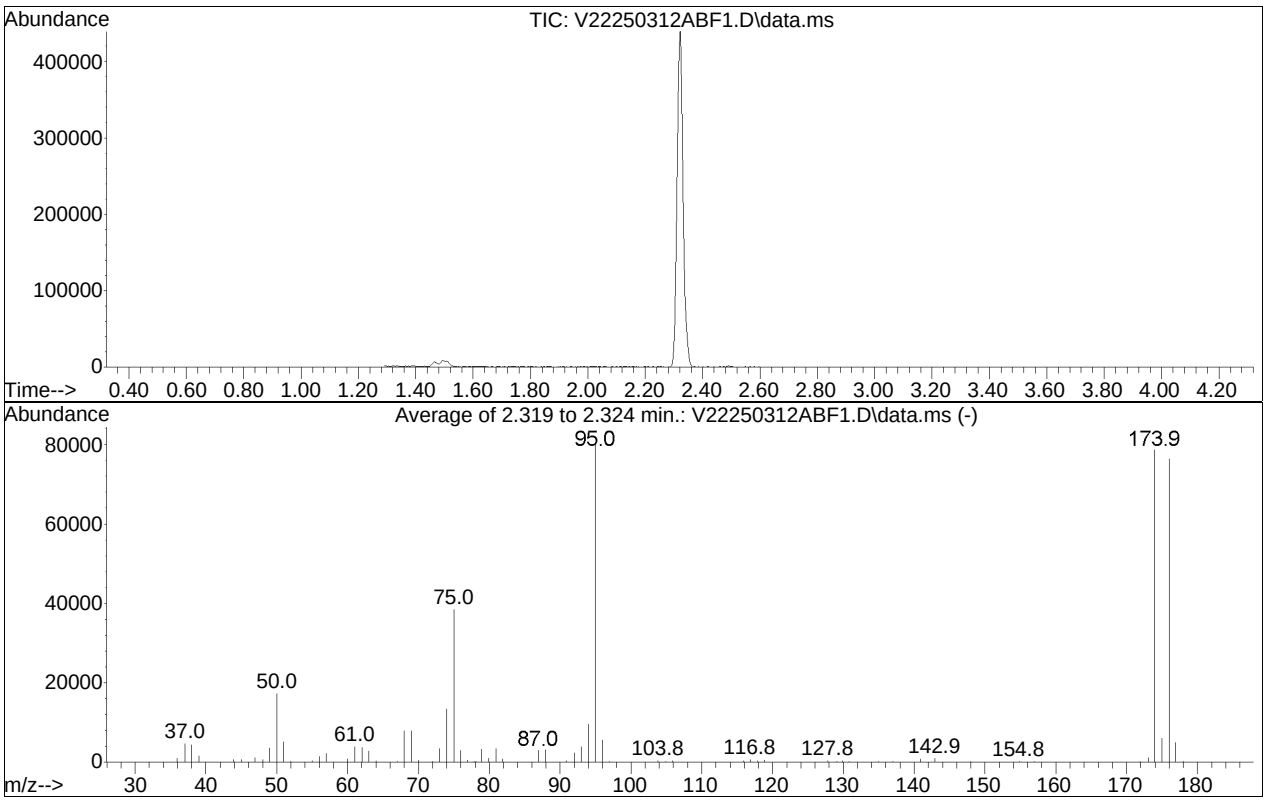
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.6	26915	PASS
75	95	30	60	49.5	54277	PASS
95	95	100	100	100.0	109627	PASS
96	95	5	9	6.3	6866	PASS
173	174	0.00	2	0.8	692	PASS
174	95	50	100	78.0	85488	PASS
175	174	5	9	7.5	6385	PASS
176	174	95	101	95.2	81357	PASS
177	176	5	9	6.6	5399	PASS

BFB

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312ABF1.D
Acq On : 12 Mar 2025 06:44 am
Operator : VOA122:PID
Sample : WG2039694-1
Misc : WG2039694
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Feb 17 06:27:48 2025



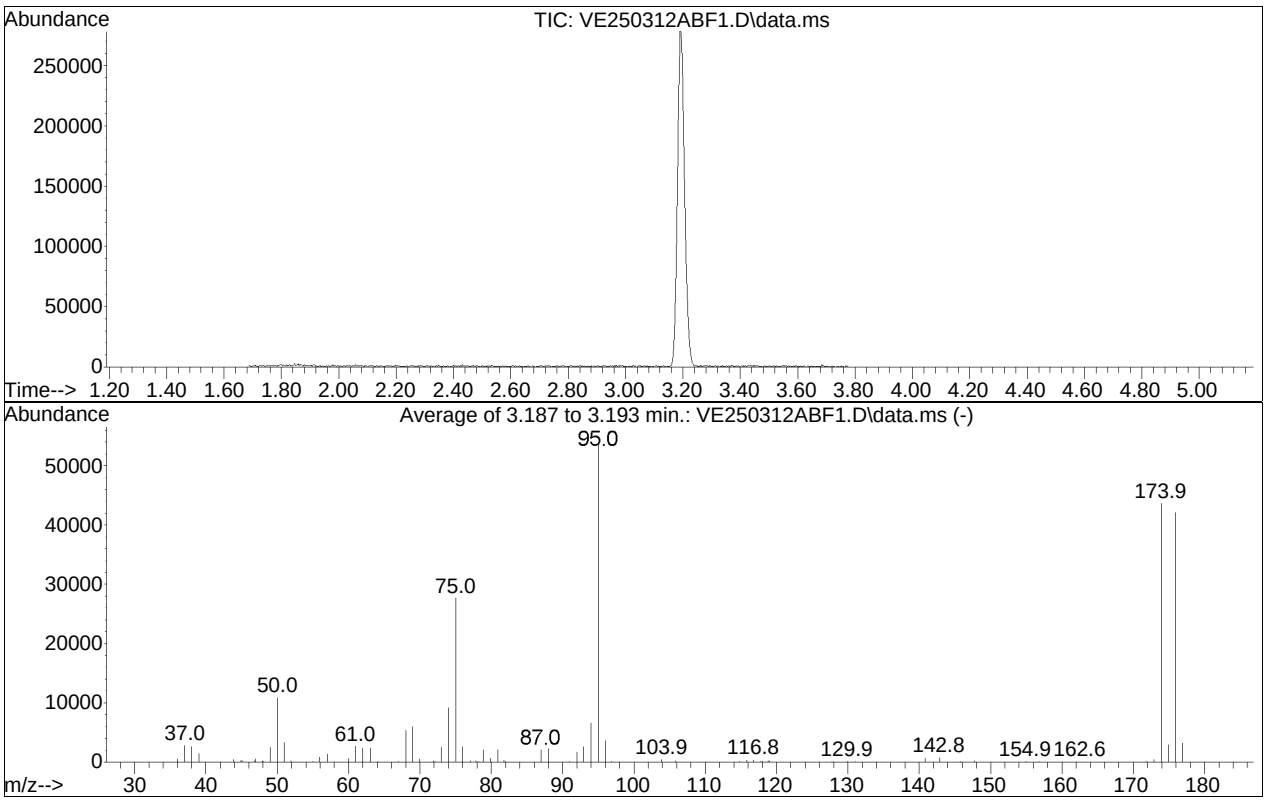
AutoFind: Scans 370, 371, 372; Background Corrected with Scan 357

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.5	17285	PASS
75	95	30	60	47.9	38525	PASS
95	95	100	100	100.0	80493	PASS
96	95	5	9	6.9	5539	PASS
173	174	0.00	2	1.3	1053	PASS
174	95	50	100	97.8	78736	PASS
175	174	5	9	7.7	6064	PASS
176	174	95	101	97.0	76344	PASS
177	176	5	9	6.5	4949	PASS

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312ABF1.D
Acq On : 12 Mar 2025 9:13 am
Operator : ELAINE:PID
Sample : WG2039699-1
Misc : WG2039699
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Mon Feb 24 07:16:52 2025



AutoFind: Scans 539, 540, 541; Background Corrected with Scan 525

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.2	10885	PASS
75	95	30	60	51.5	27768	PASS
95	95	100	100	100.0	53899	PASS
96	95	5	9	6.7	3632	PASS
173	174	0.00	2	1.0	433	PASS
174	95	50	100	81.0	43664	PASS
175	174	5	9	6.7	2907	PASS
176	174	95	101	96.4	42099	PASS
177	176	5	9	7.5	3169	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A05.D
Acq On : 12 Mar 2025 8:38 am
Operator : VOA105:PID
Sample : WG2039666-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 10:25:25 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.598	96	303140	10.000	ug/L	0.00
Standard Area 1 = 345765			Recovery = 87.67%			
59) Chlorobenzene-d5	9.084	117	233255	10.000	ug/L	0.00
Standard Area 1 = 264279			Recovery = 88.26%			
79) 1,4-Dichlorobenzene-d4	11.868	152	128658	10.000	ug/L	0.00
Standard Area 1 = 147134			Recovery = 87.44%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.815	113	83722	9.849	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.49%			
43) 1,2-Dichloroethane-d4	5.323	65	91447	9.330	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.30%			
60) Toluene-d8	7.256	98	294573	9.699	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.99%			
83) 4-Bromofluorobenzene	10.623	95	107158	10.418	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	d	
3) Chloromethane	1.637	50	76	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.980	94	70	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A05.D
Acq On : 12 Mar 2025 8:38 am
Operator : VOA105:PID
Sample : WG2039666-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 10:25:25 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0		N.D.	
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	d
40) 1,1-Dichloropropene	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
50) Dibromomethane	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
70) 1,3-Dichloropropane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.077	91	302		N.D.	
75) 1,1,1,2-Tetrachloroethane	0.000		0		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
84) Bromobenzene	0.000		0		N.D.	
85) n-Propylbenzene	10.623	91	96		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
88) 4-Ethyltoluene	0.000		0		N.D.	
89) 2-Chlorotoluene	0.000		0		N.D.	
90) 1,3,5-Trimethylbenzene	0.000		0		N.D.	
91) 1,2,3-Trichloropropane	0.000		0		N.D.	
92) trans-1,4-Dichloro-2-b...	0.000		0		N.D.	
93) 4-Chlorotoluene	0.000		0		N.D.	
94) tert-Butylbenzene	0.000		0		N.D.	

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A05.D
Acq On : 12 Mar 2025 8:38 am
Operator : VOA105:PID
Sample : WG2039666-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 10:25:25 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

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

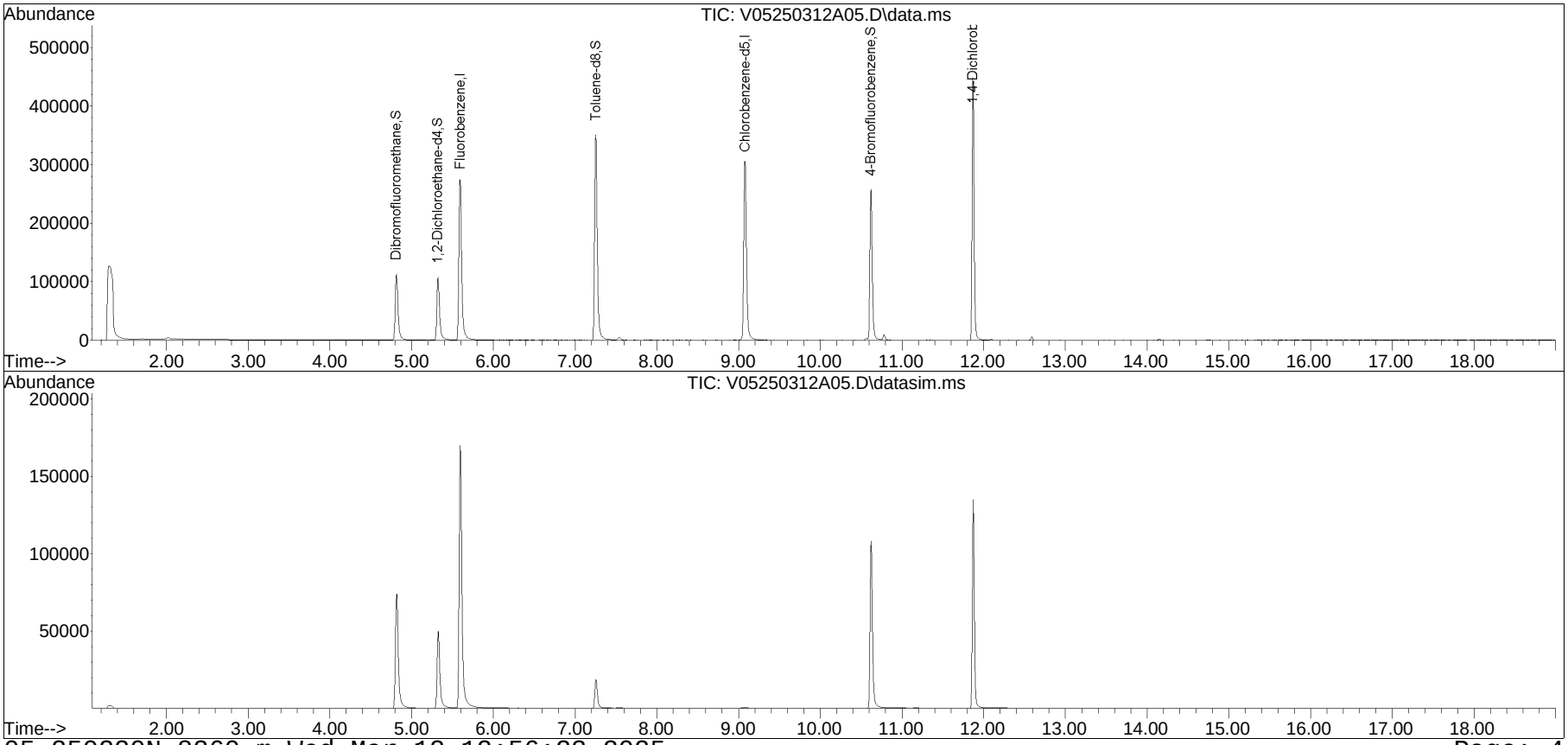
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A05.D
Acq On : 12 Mar 2025 8:38 am
Operator : VOA105:PID
Sample : WG2039666-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 10:25:25 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

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



Manual Integration Report

Data Path	: K:\VOA105\2025\250312A\	QMethod	: V105_250220N_8260.m
Data File	: V05250312A05.D	Operator	: VOA105:PID
Date Inj'd	: 3/12/2025 8:38 am	Instrument	: VOA105
Sample	: WG2039666-5,31,10,10	Quant Date	: 3/12/2025 10:25 am

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A05.D
Acq On : 12 Mar 2025 9:15 am
Operator : VOA101:PID
Sample : WG2039675-5,31,10,10
Misc : WG2039675,ICAL21969
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 10:27:33 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250312A\V01250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.899	96	577757	10.000	ug/L	0.00
Standard Area 1 = 569723			Recovery = 101.41%			
59) Chlorobenzene-d5	9.412	117	405262	10.000	ug/L	0.00
Standard Area 1 = 412059			Recovery = 98.35%			
79) 1,4-Dichlorobenzene-d4	12.145	152	198219	10.000	ug/L	0.00
Standard Area 1 = 220763			Recovery = 89.79%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.096	113	148099	10.083	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.83%			
43) 1,2-Dichloroethane-d4	5.614	65	173768	10.314	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.14%			
60) Toluene-d8	7.577	98	551985	10.252	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.52%			
83) 4-Bromofluorobenzene	10.924	95	188664	9.721	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.21%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.788	50	3030	0.107	ug/L #	51
4) Vinyl chloride	1.880	62	36	N.D.		
5) Bromomethane	2.173	94	685M3	0.345	ug/L	
6) Chloroethane	2.282	64	85	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
8) Ethyl ether	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.918	76	3761	0.090	ug/L #	82
15) Methylene chloride	3.434	84	522	N.D.		
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	3.584	96	84	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
25) Acrylonitrile	0.000		0	N.D.		
27) Vinyl acetate	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
29) 2,2-Dichloropropane	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
32) Chloroform	4.923	83	113	N.D.		

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A05.D
Acq On : 12 Mar 2025 9:15 am
Operator : VOA101:PID
Sample : WG2039675-5,31,10,10
Misc : WG2039675,ICAL21969
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 10:27:33 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250312A\V01250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	5.324	43	174	N.D.		
40) 1,1-Dichloropropene	0.000		0	N.D.		
41) Benzene	5.506	78	114	N.D.		
44) 1,2-Dichloroethane	5.684	62	25	N.D.		
48) Trichloroethene	0.000		0	N.D.		
50) Dibromomethane	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.	d	
58) cis-1,3-Dichloropropene	0.000		0	N.D.	d	
61) Toluene	7.636	92	94	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	8.093	166	26	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
70) 1,3-Dichloropropane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	9.443	112	287	N.D.		
74) Ethylbenzene	9.496	91	360	N.D.		
75) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
76) p/m Xylene	9.725	106	26	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	10.361	104	27	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.606	105	49	N.D.		
84) Bromobenzene	11.041	156	142	N.D.		
85) n-Propylbenzene	11.108	91	655	N.D.		
87) 1,1,2,2-Tetrachloroethane	11.100	83	55	N.D.		
88) 4-Ethyltoluene	11.314	105	270	N.D.		
89) 2-Chlorotoluene	11.250	91	29	N.D.		
90) 1,3,5-Trimethylbenzene	11.314	105	270	N.D.		
91) 1,2,3-Trichloropropane	11.320	75	34	N.D.		
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
93) 4-Chlorotoluene	11.468	91	129	N.D.		
94) tert-Butylbenzene	11.652	119	211	N.D.		

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A05.D
Acq On : 12 Mar 2025 9:15 am
Operator : VOA101:PID
Sample : WG2039675-5,31,10,10
Misc : WG2039675,ICAL21969
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 10:27:33 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250312A\V01250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.744	105	37	N.D.		
98) sec-Butylbenzene	11.850	105	696	N.D.		
99) p-Isopropyltoluene	11.995	119	479	N.D.		
100) 1,3-Dichlorobenzene	12.081	146	611	N.D.		
101) 1,4-Dichlorobenzene	12.151	146	567	N.D.		
102) p-Diethylbenzene	12.380	119	158	N.D.		
103) n-Butylbenzene	12.458	91	1344	N.D.		
104) 1,2-Dichlorobenzene	12.617	146	273	N.D.		
105) 1,2,4,5-Tetramethylben...	13.185	119	1252	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
108) Hexachlorobutadiene	13.975	225	1844	0.415	ug/L #	80
109) 1,2,4-Trichlorobenzene	14.028	180	1207M3	0.128	ug/L	
110) Naphthalene	14.326	128	2623M3	0.153	ug/L	
111) 1,2,3-Trichlorobenzene	14.477	180	1852M3	0.258	ug/L	

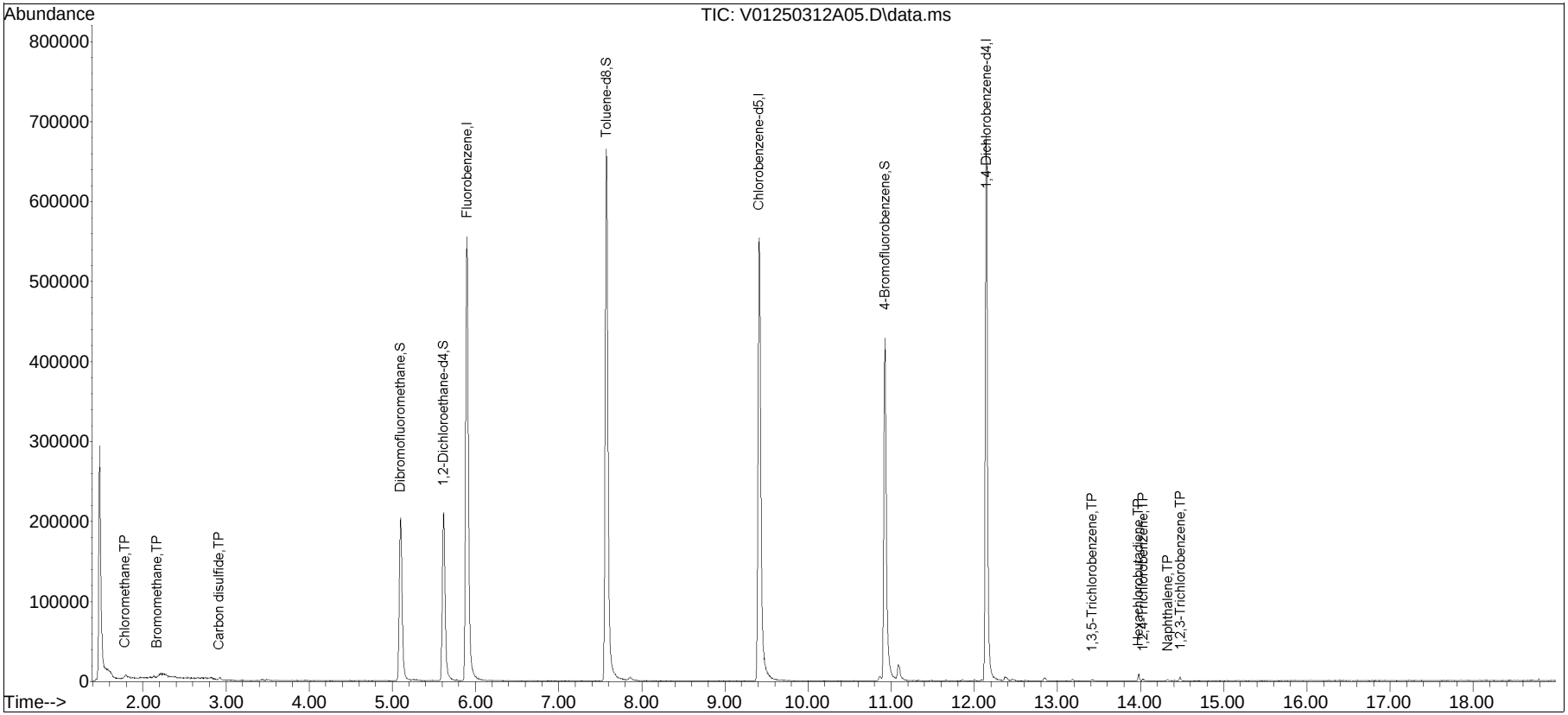
(#) = qualifier out of range (m) = manual integration (+) = signals summed

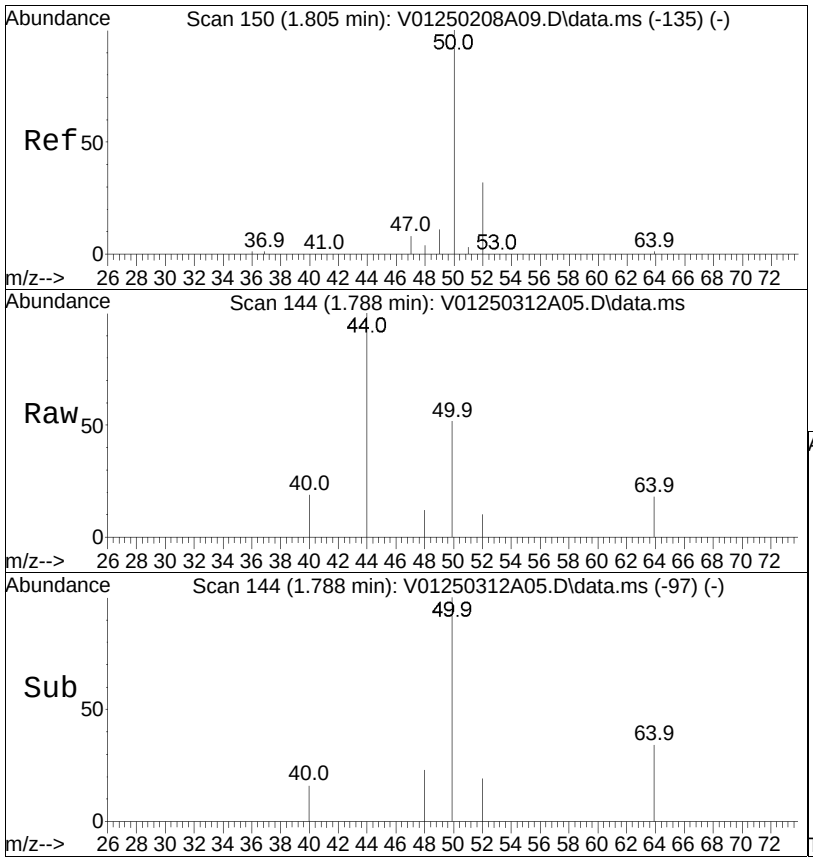
Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A05.D
Acq On : 12 Mar 2025 9:15 am
Operator : VOA101:PID
Sample : WG2039675-5,31,10,10
Misc : WG2039675,ICAL21969
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 10:27:33 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

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

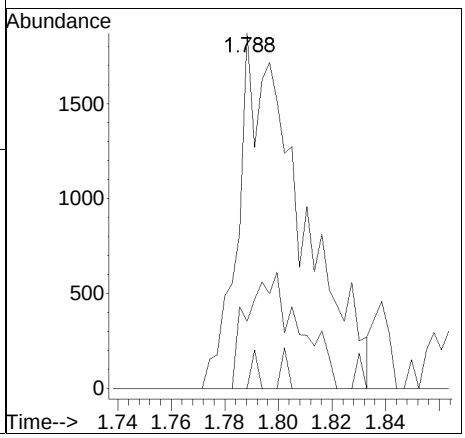


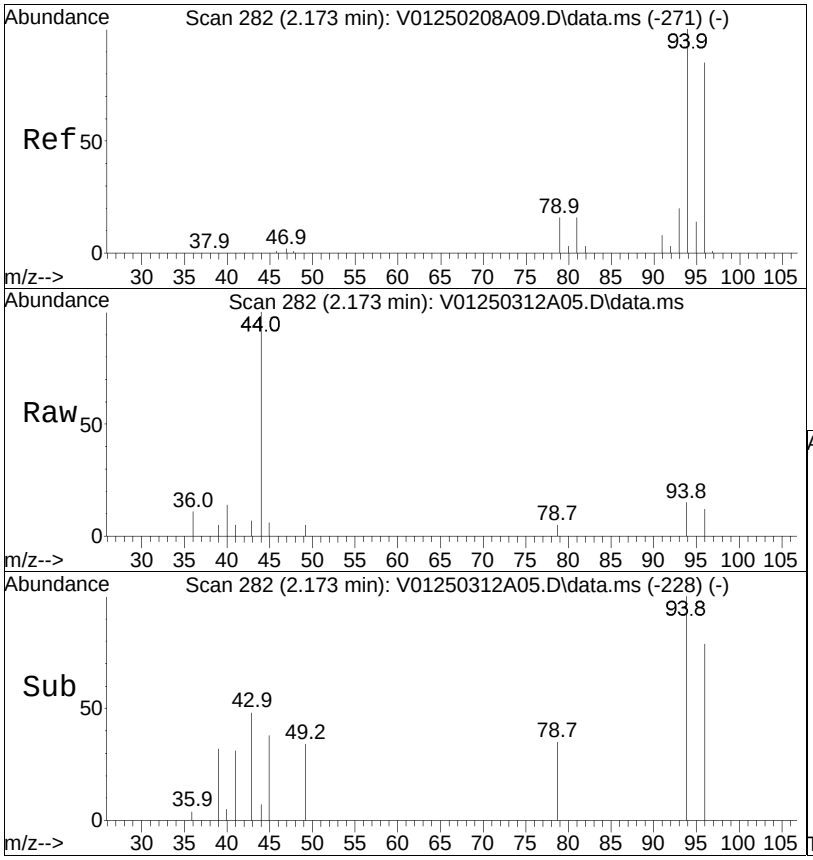


#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.788 min Scan# 144
Delta R.T. -0.017 min
Lab File: V01250312A05.D
Acq: 12 Mar 2025 9:15 am

Tgt Ion: 50 Resp: 3030

Ion	Ratio	Lower	Upper
50	100		
52	0.0	11.0	51.0#
47	1.1	0.0	27.1

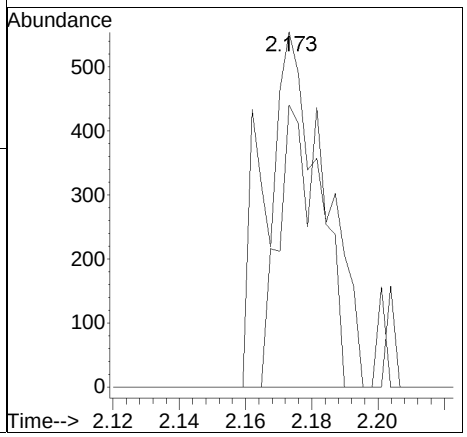


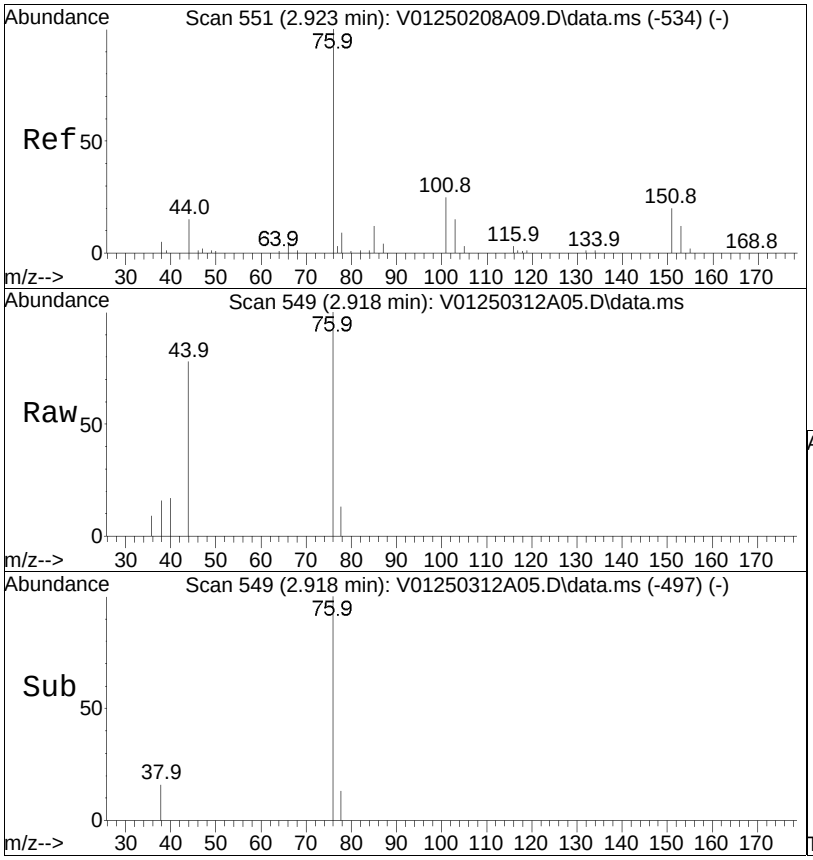


#5
Bromomethane
Concen: 0.34 ug/L M3
RT: 2.173 min Scan# 282
Delta R.T. 0.000 min
Lab File: V01250312A05.D
Acq: 12 Mar 2025 9:15 am

Tgt Ion: 94 Resp: 685

Ion	Ratio	Lower	Upper
94	100		
96	3.8	75.4	115.4#

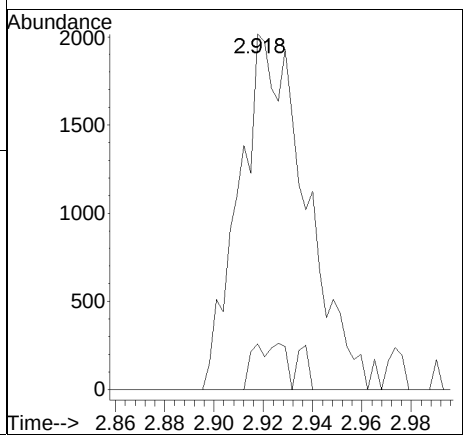


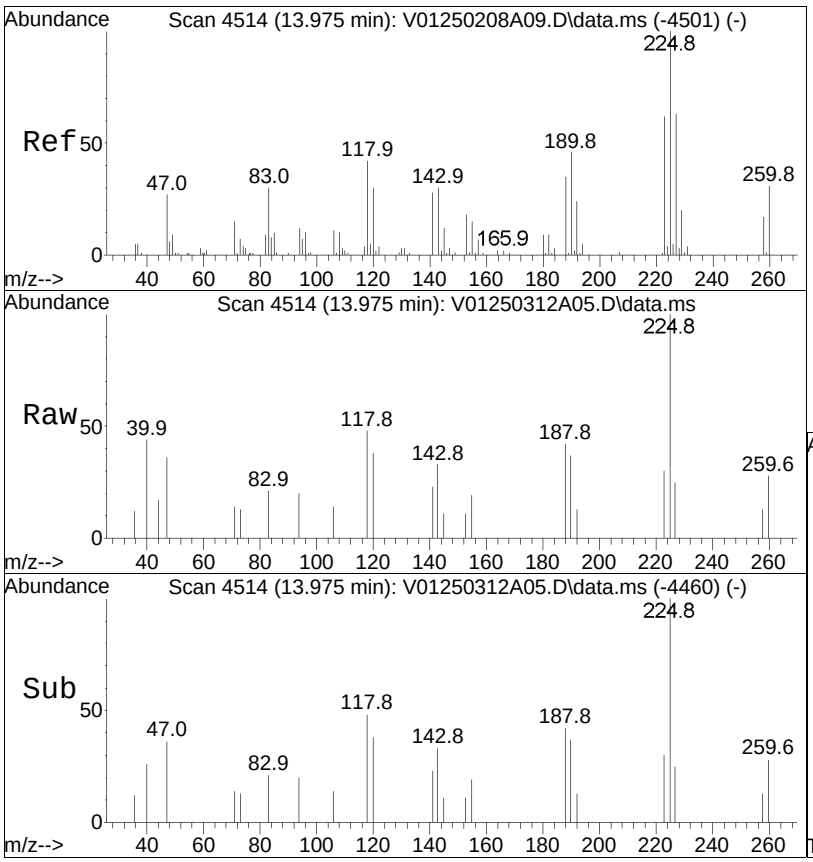


#11
Carbon disulfide
Concen: 0.09 ug/L
RT: 2.918 min Scan# 549
Delta R.T. -0.005 min
Lab File: V01250312A05.D
Acq: 12 Mar 2025 9:15 am

Tgt Ion: 76 Resp: 3761

Ion	Ratio	Lower	Upper
76	100		
78	2.9	6.3	13.1#

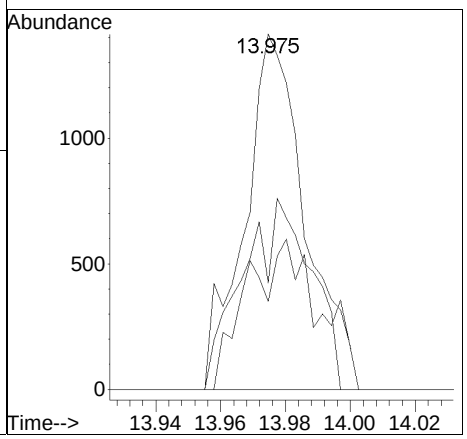


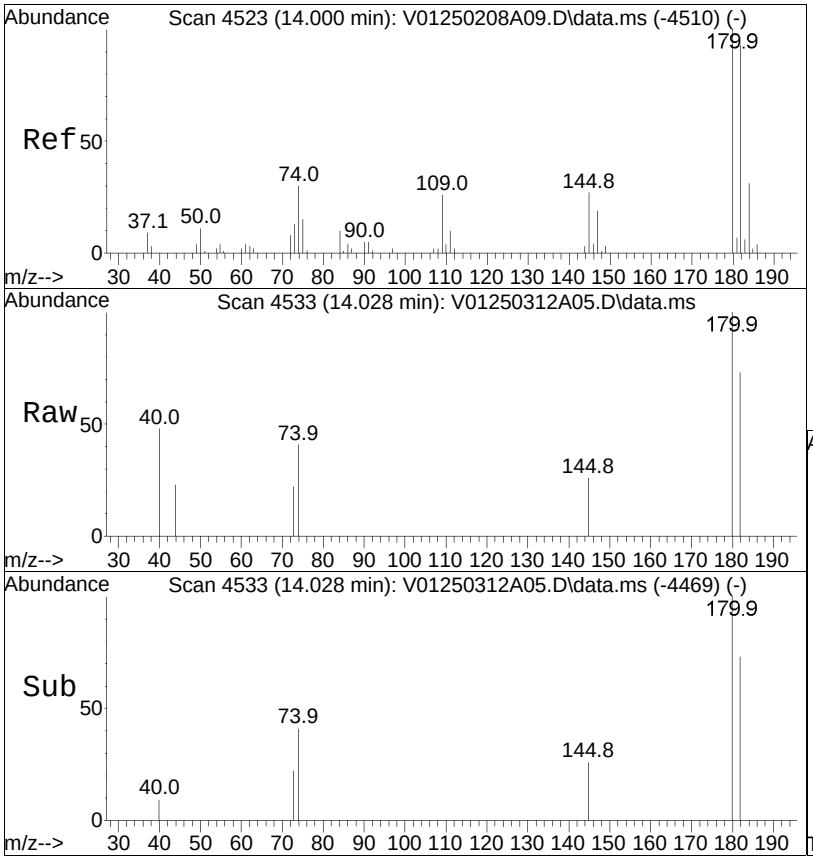


#108
Hexachlorobutadiene
Concen: 0.41 ug/L
RT: 13.975 min Scan# 4514
Delta R.T. -0.000 min
Lab File: V01250312A05.D
Acq: 12 Mar 2025 9:15 am

Tgt Ion:225 Resp: 1844

Ion	Ratio	Lower	Upper
225	100		
223	60.5	49.6	74.4
227	31.2	48.8	73.2#

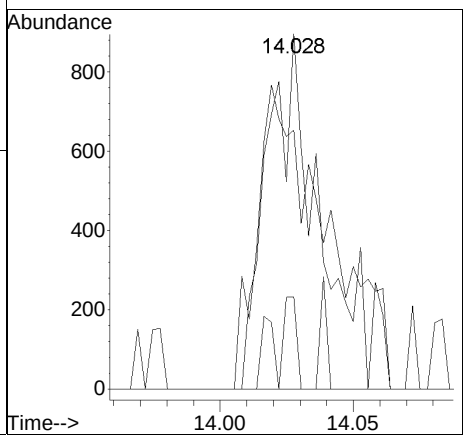


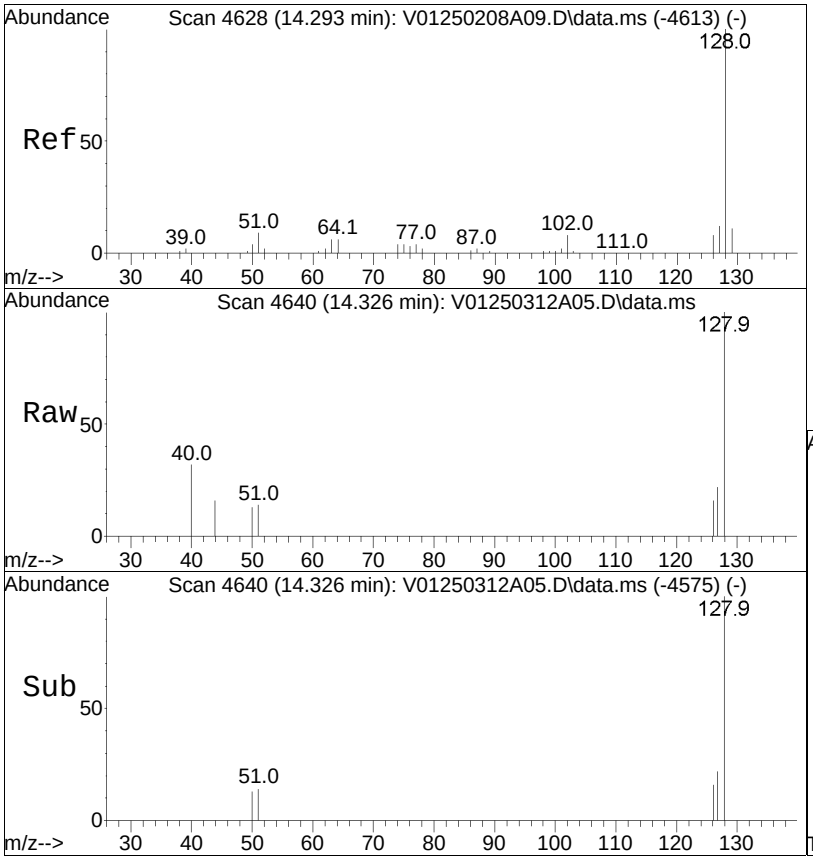


#109
1,2,4-Trichlorobenzene
Concen: 0.13 ug/L M3
RT: 14.028 min Scan# 4533
Delta R.T. 0.028 min
Lab File: V01250312A05.D
Acq: 12 Mar 2025 9:15 am

Tgt Ion:180 Resp: 1207

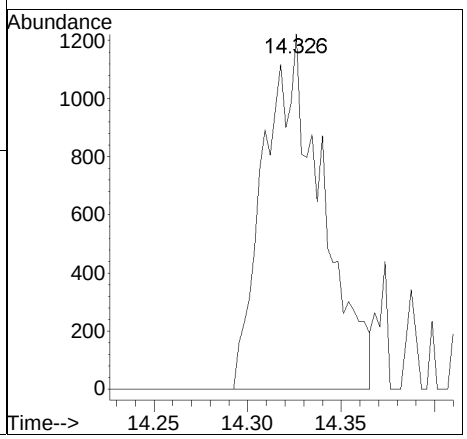
Ion	Ratio	Lower	Upper
180	100		
182	97.6	76.6	114.8
145	4.9	28.7	43.1#

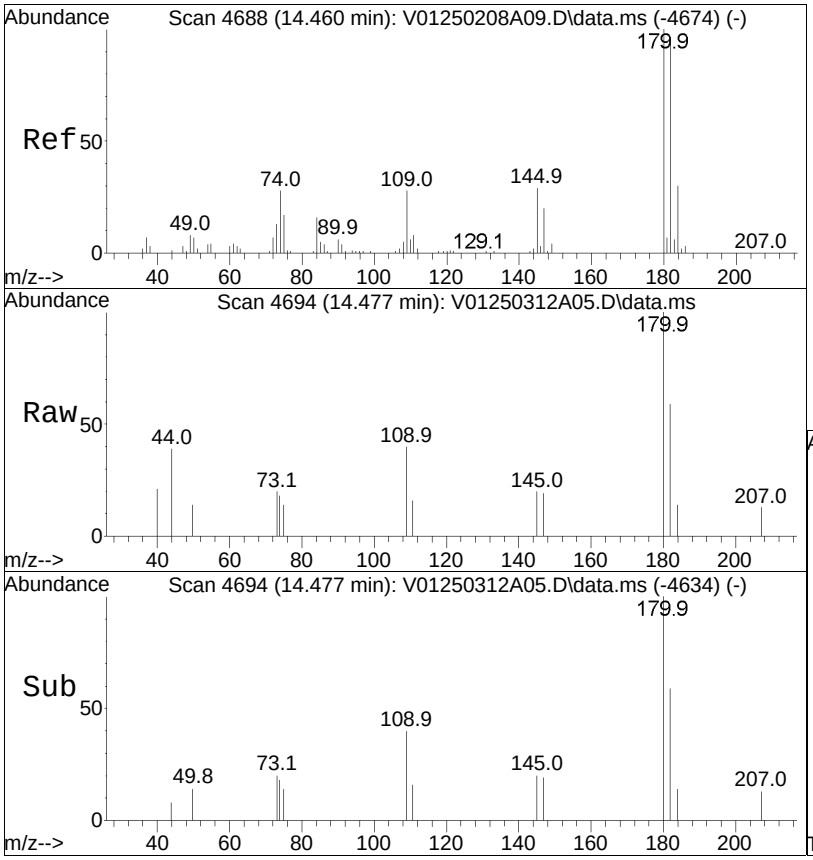




#110
Naphthalene
Concen: 0.15 ug/L M3
RT: 14.326 min Scan# 4640
Delta R.T. 0.033 min
Lab File: V01250312A05.D
Acq: 12 Mar 2025 9:15 am

Tgt Ion:128 Resp: 2623

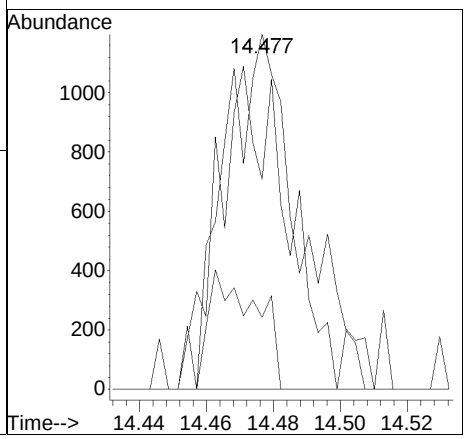




#111
1,2,3-Trichlorobenzene
Concen: 0.26 ug/L M3
RT: 14.477 min Scan# 4694
Delta R.T. 0.017 min
Lab File: V01250312A05.D
Acq: 12 Mar 2025 9:15 am

Tgt Ion:180 Resp: 1852

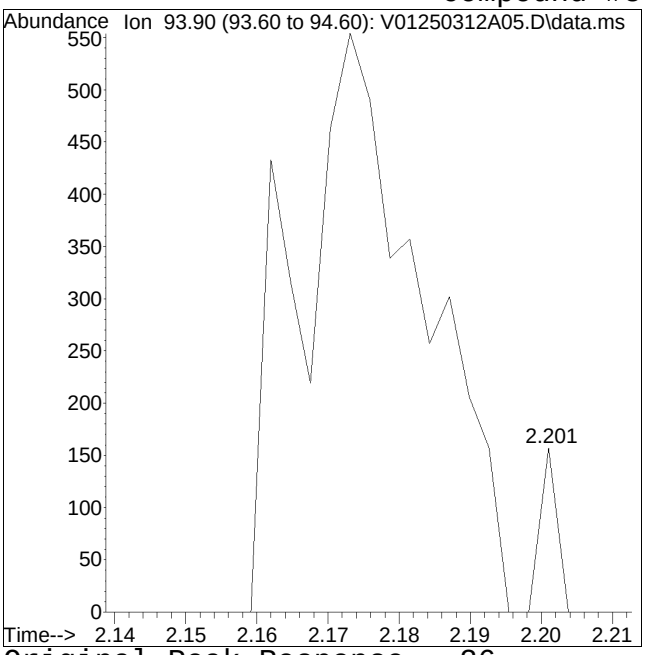
Ion	Ratio	Lower	Upper
180	100		
182	83.3	76.6	114.8
145	21.3	25.6	38.4#



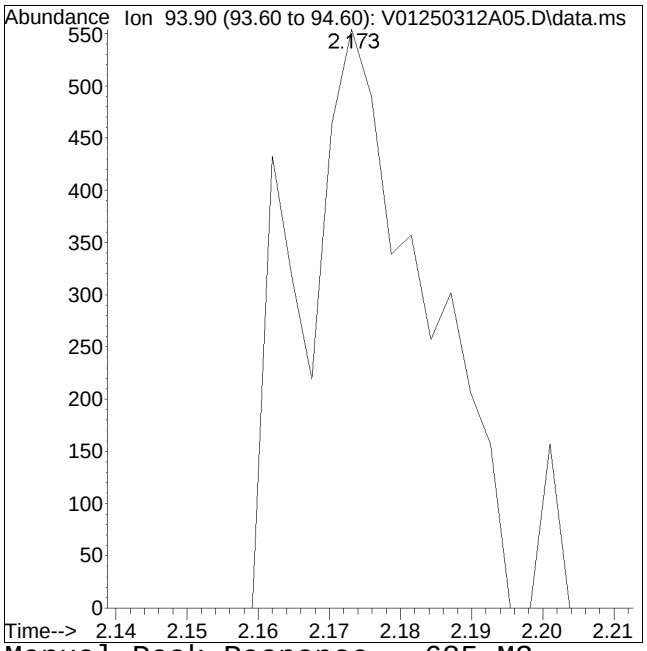
Manual Integration Report

Data Path	: K:\VOA101\2025\250312A\	QMethod	: V101_250208A_8260.m
Data File	: V01250312A05.D	Operator	: VOA101:PID
Date Inj'd	: 3/12/2025 9:15 am	Instrument	: VOA 101
Sample	: WG2039675-5,31,10,10	Quant Date	: 3/12/2025 10:26 am

Compound #5: Bromomethane



Original Peak Response = 26



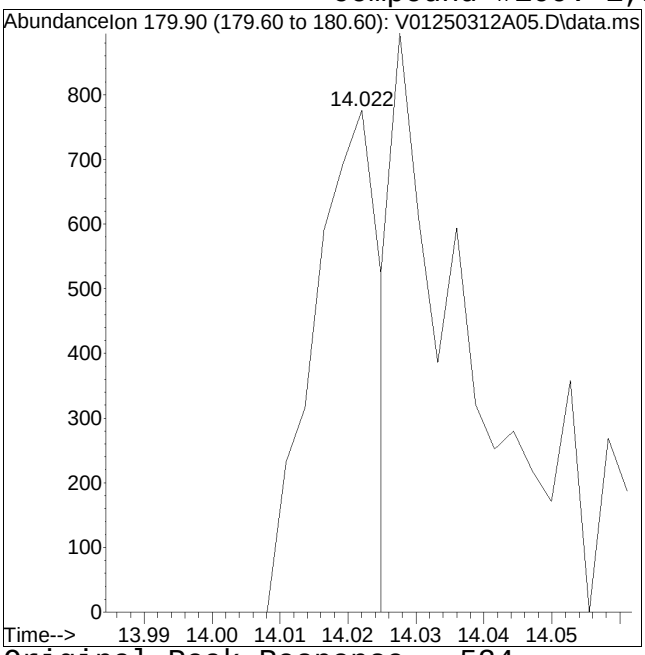
Manual Peak Response = 685 M3

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

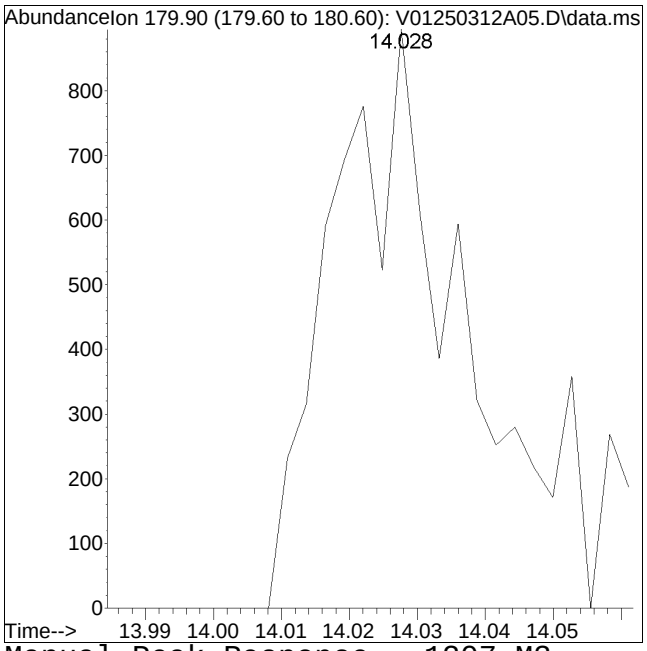
Manual Integration Report

Data Path	: K:\VOA101\2025\250312A\	QMethod	: V101_250208A_8260.m
Data File	: V01250312A05.D	Operator	: VOA101:PID
Date Inj'd	: 3/12/2025 9:15 am	Instrument	: VOA 101
Sample	: WG2039675-5,31,10,10	Quant Date	: 3/12/2025 10:26 am

Compound #109: 1,2,4-Trichlorobenzene



Original Peak Response = 524



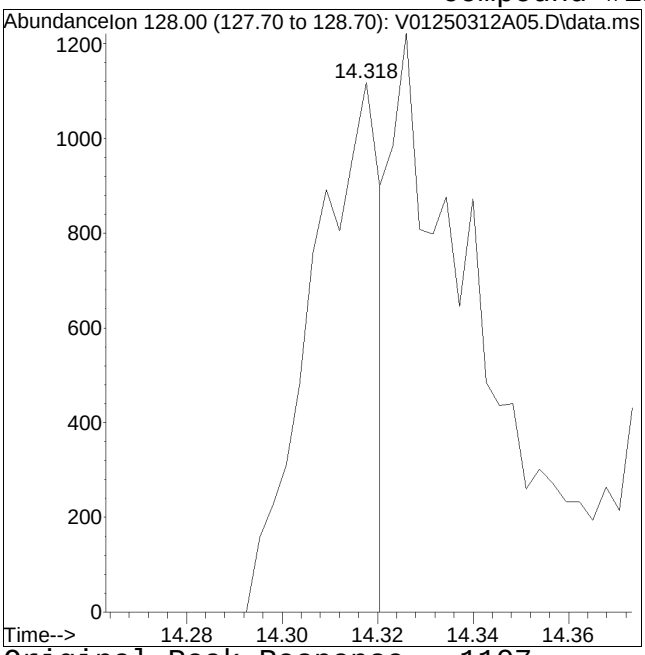
Manual Peak Response = 1207 M3

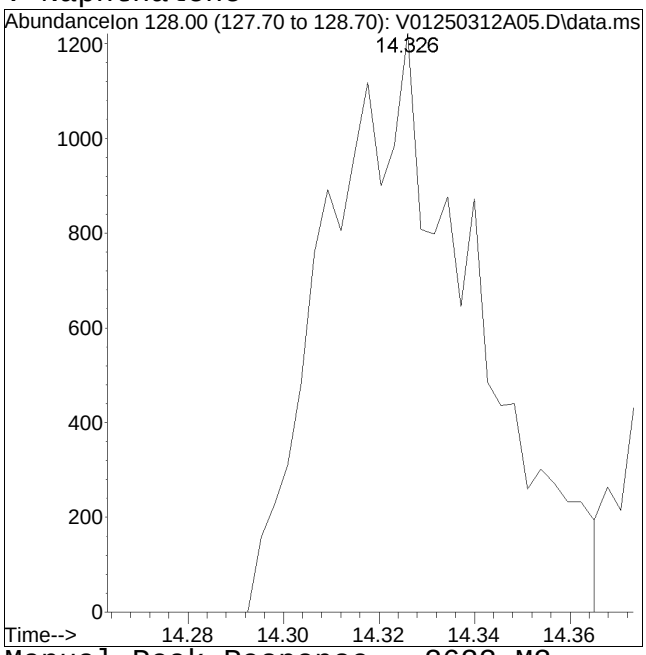
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path	: K:\VOA101\2025\250312A\	QMethod	: V101_250208A_8260.m
Data File	: V01250312A05.D	Operator	: VOA101:PID
Date Inj'd	: 3/12/2025 9:15 am	Instrument	: VOA 101
Sample	: WG2039675-5,31,10,10	Quant Date	: 3/12/2025 10:26 am

Compound #110: Naphthalene





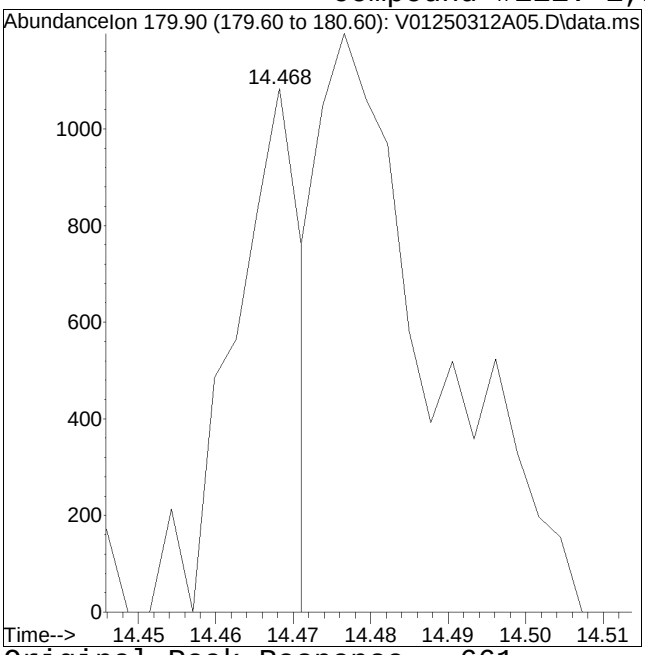
Original Peak Response = 1107 Manual Peak Response = 2623 M3

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

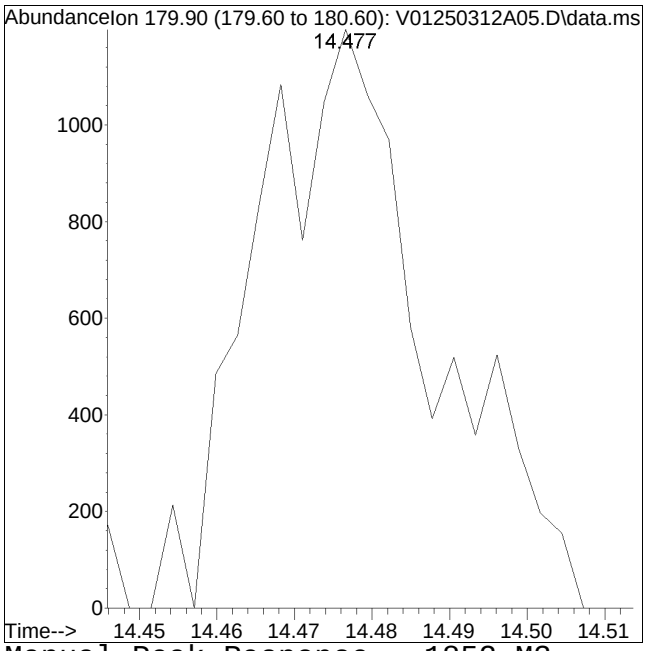
Manual Integration Report

Data Path	: K:\VOA101\2025\250312A\	QMethod	: V101_250208A_8260.m
Data File	: V01250312A05.D	Operator	: VOA101:PID
Date Inj'd	: 3/12/2025 9:15 am	Instrument	: VOA 101
Sample	: WG2039675-5,31,10,10	Quant Date	: 3/12/2025 10:26 am

Compound #111: 1,2,3-Trichlorobenzene



Original Peak Response = 661



Manual Peak Response = 1852 M3

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A08.D
Acq On : 12 Mar 2025 09:49 am
Operator : VOA122:PID
Sample : WG2039694-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 12 10:26:10 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.884	96	263319	10.000	ug/L	0.00
Standard Area 1 = 274042			Recovery = 96.09%			
62) Chlorobenzene-d5	9.414	117	234886	10.000	ug/L	0.00
Standard Area 1 = 225349			Recovery = 104.23%			
83) 1,4-Dichlorobenzene-d4	12.146	152	124430	10.000	ug/L	0.00
Standard Area 1 = 119383			Recovery = 104.23%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.076	113	86790	11.452	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 114.52%			
46) 1,2-Dichloroethane-d4	5.598	65	71585	10.608	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.08%			
63) Toluene-d8	7.576	98	275157	9.281	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.81%			
87) 4-Bromofluorobenzene	10.922	95	89234	8.814	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 88.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0		N.D.	
3) Chloromethane	0.000		0		N.D.	
4) Vinyl chloride	0.000		0		N.D.	
5) Bromomethane	0.000		0		N.D.	
6) Chloroethane	0.000		0		N.D.	
7) Trichlorofluoromethane	0.000		0		N.D.	
8) Ethyl ether	0.000		0		N.D.	
10) 1,1-Dichloroethene	0.000		0		N.D.	
11) Carbon disulfide	2.895	76	425		N.D.	
15) Methylene chloride	0.000		0		N.D.	
17) Acetone	0.000		0		N.D.	
18) trans-1,2-Dichloroethene	0.000		0		N.D.	
21) Methyl tert-butyl ether	0.000		0		N.D.	
25) 1,1-Dichloroethane	0.000		0		N.D.	
27) Acrylonitrile	0.000		0		N.D.	
29) Vinyl acetate	0.000		0		N.D.	
30) cis-1,2-Dichloroethene	0.000		0		N.D.	
31) 2,2-Dichloropropane	0.000		0		N.D.	
32) Bromochloromethane	0.000		0		N.D.	
34) Chloroform	0.000		0		N.D.	

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A08.D
Acq On : 12 Mar 2025 09:49 am
Operator : VOA122:PID
Sample : WG2039694-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 12 10:26:10 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
36) Carbon tetrachloride	0.000		0	N.D.			
39) 1,1,1-Trichloroethane	0.000		0	N.D.			
41) 2-Butanone	5.186	43	1087	1.258	ug/L	#	78
42) 1,1-Dichloropropene	0.000		0	N.D.			
44) Benzene	0.000		0	N.D.			
47) 1,2-Dichloroethane	0.000		0	N.D.			
51) Trichloroethene	0.000		0	N.D.			
53) Dibromomethane	0.000		0	N.D.			
54) 1,2-Dichloropropane	0.000		0	N.D.			
57) Bromodichloromethane	0.000		0	N.D.			
60) 1,4-Dioxane	0.000		0	N.D.			
61) cis-1,3-Dichloropropene	0.000		0	N.D.			
64) Toluene	0.000		0	N.D.			
65) 4-Methyl-2-pentanone	0.000		0	N.D.			
66) Tetrachloroethene	0.000		0	N.D.			
68) trans-1,3-Dichloropropene	0.000		0	N.D.			
71) 1,1,2-Trichloroethane	0.000		0	N.D.			
72) Chlorodibromomethane	0.000		0	N.D.			
73) 1,3-Dichloropropane	0.000		0	N.D.			
74) 1,2-Dibromoethane	0.000		0	N.D.			
76) 2-Hexanone	0.000		0	N.D.			
77) Chlorobenzene	0.000		0	N.D.			
78) Ethylbenzene	9.407	91	269	N.D.			
79) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
80) p/m Xylene	0.000		0	N.D.			
81) o Xylene	0.000		0	N.D.			
82) Styrene	0.000		0	N.D.			
84) Bromoform	0.000		0	N.D.			
86) Isopropylbenzene	0.000		0	N.D.			
88) Bromobenzene	0.000		0	N.D.			
89) n-Propylbenzene	10.922	91	282	N.D.			
91) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
92) 4-Ethyltoluene	0.000		0	N.D.			
93) 2-Chlorotoluene	0.000		0	N.D.			
94) 1,3,5-Trimethylbenzene	0.000		0	N.D.			
95) 1,2,3-Trichloropropane	0.000		0	N.D.			
96) trans-1,4-Dichloro-2-b...	0.000		0	N.D.			
97) 4-Chlorotoluene	0.000		0	N.D.			
98) tert-Butylbenzene	0.000		0	N.D.			

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A08.D
Acq On : 12 Mar 2025 09:49 am
Operator : VOA122:PID
Sample : WG2039694-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 12 10:26:10 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	0.000		0		N.D.	
102) sec-Butylbenzene	0.000		0		N.D.	
103) p-Isopropyltoluene	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	12.167	146	82		N.D.	
105) 1,4-Dichlorobenzene	12.167	146	82		N.D.	
106) p-Diethylbenzene	0.000		0		N.D.	
107) n-Butylbenzene	12.445	91	70		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
109) 1,2,4,5-Tetramethylben...	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
112) Hexachlorobutadiene	13.984	225	68		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
114) Naphthalene	14.304	128	275		N.D.	
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

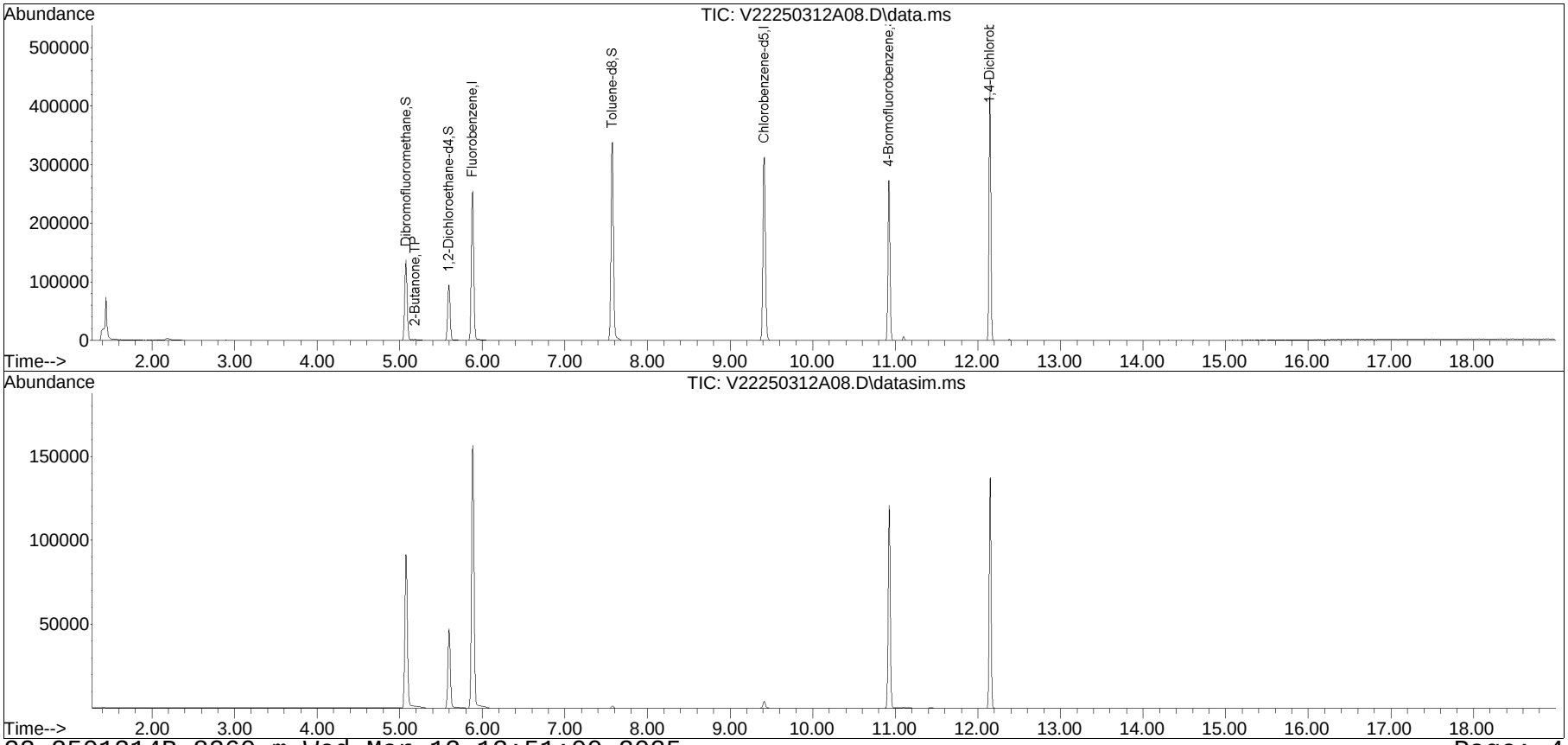
(#) = qualifier out of range (m) = manual integration (+) = signals summed

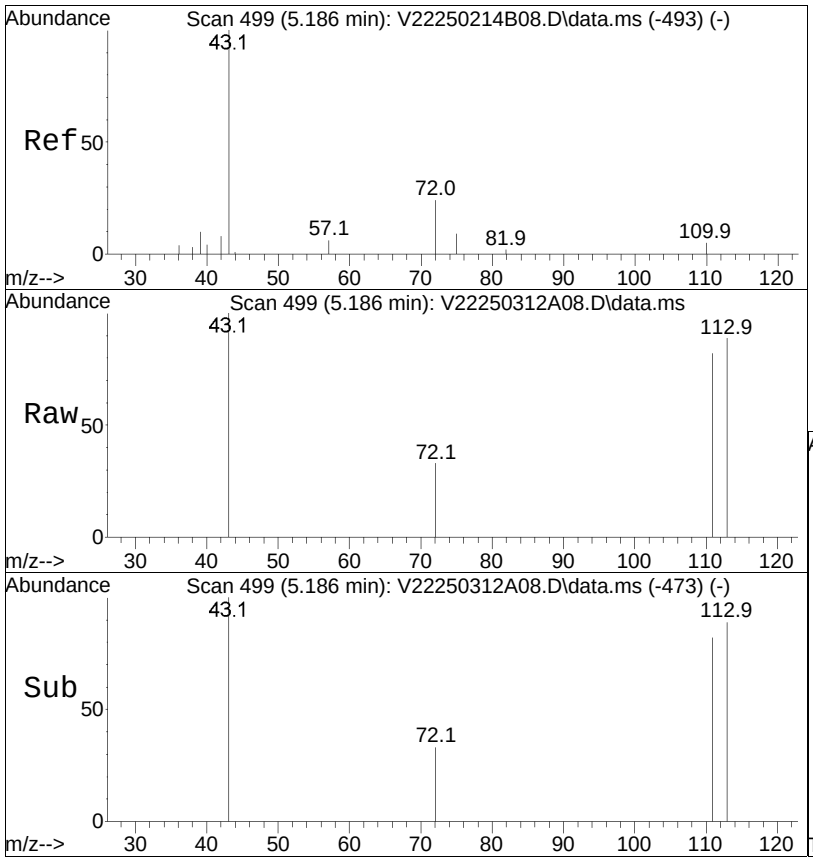
Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A08.D
Acq On : 12 Mar 2025 09:49 am
Operator : VOA122:PID
Sample : WG2039694-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 12 10:26:10 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

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

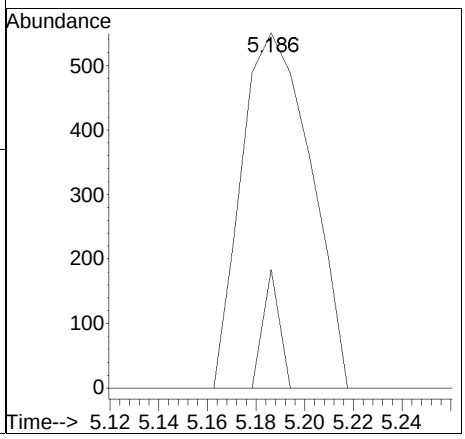




#41
2-Butanone
Concen: 1.26 ug/L
RT: 5.186 min Scan# 499
Delta R.T. 0.000 min
Lab File: V22250312A08.D
Acq: 12 Mar 2025 09:49 am

Tgt Ion: 43 Resp: 1087

Ion	Ratio	Lower	Upper
43	100		
72	8.0	14.2	21.2#



Manual Integration Report

Data Path	: K:\VOA122\2025\250312A\	QMethod	: V122_2501214B_8260.m
Data File	: V22250312A08.D	Operator	: VOA122:PID
Date Inj'd	: 3/12/2025 9:49 am	Instrument	: VOA 122
Sample	: WG2039694-5,31,10,10	Quant Date	: 3/12/2025 10:25 am

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

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A05.D
Acq On : 12 Mar 2025 11:04 am
Operator : ELAINE:PID
Sample : WG2039699-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 11:27:36 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250312A\VE250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.768	96	274730	10.000 ug/L	0.00
Standard Area 1 = 297682			Recovery = 92.29%		
63) Chlorobenzene-d5	9.280	117	205795	10.000 ug/L	0.00
Standard Area 1 = 223126			Recovery = 92.23%		
84) 1,4-Dichlorobenzene-d4	12.032	152	112538	10.000 ug/L	0.00
Standard Area 1 = 121415			Recovery = 92.69%		
System Monitoring Compounds					
39) Dibromofluoromethane	4.978	113	80163	10.692 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.92%		
47) 1,2-Dichloroethane-d4	5.491	65	83267	10.491 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.91%		
64) Toluene-d8	7.447	98	268499	9.861 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.61%		
88) 4-Bromofluorobenzene	10.799	95	98024	10.884 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.84%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.386	85	162	N.D.	
3) Chloromethane	1.698	50	83	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.097	94	160	N.D.	
6) Chloroethane	2.185	64	61	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
8) Ethyl ether	2.602	74	42	N.D.	
10) 1,1-Dichloroethene	2.774	96	44	N.D.	
11) Carbon disulfide	2.804	76	598	N.D.	
15) Methylene chloride	3.309	84	121	N.D.	
17) Acetone	0.000		0	N.D.	d
18) trans-1,2-Dichloroethene	3.467	96	67	N.D.	
21) Methyl tert-butyl ether	3.423	73	40	N.D.	
25) 1,1-Dichloroethane	3.880	63	41	N.D.	
27) Acrylonitrile	3.902	53	40	N.D.	
29) Vinyl acetate	4.196	43	46	N.D.	
30) cis-1,2-Dichloroethene	4.446	96	60	N.D.	
31) 2,2-Dichloropropane	0.000		0	N.D.	
33) Bromochloromethane	4.859	128	41	N.D.	
35) Chloroform	4.789	83	40	N.D.	

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A05.D
Acq On : 12 Mar 2025 11:04 am
Operator : ELAINE:PID
Sample : WG2039699-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 11:27:36 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250312A\VE250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Carbon tetrachloride	0.000		0	N.D.		
40) 1,1,1-Trichloroethane	4.991	97	41	N.D.		
42) 2-Butanone	5.087	43	1250M3	0.816	ug/L	
43) 1,1-Dichloropropene	4.934	75	44	N.D.		
45) Benzene	0.000		0	N.D.		
48) 1,2-Dichloroethane	5.592	62	40	N.D.		
52) Trichloroethene	0.000		0	N.D.		
54) Dibromomethane	6.388	93	42	N.D.		
55) 1,2-Dichloropropane	0.000		0	N.D.		
58) Bromodichloromethane	6.592	83	42	N.D.		
61) 1,4-Dioxane	0.000		0	N.D.		
62) cis-1,3-Dichloropropene	7.235	75	45	N.D.		
65) Toluene	7.511	92	41	N.D.		
66) 4-Methyl-2-pentanone	7.891	58	48	N.D.		
67) Tetrachloroethene	0.000		0	N.D.		
69) trans-1,3-Dichloropropene	0.000		0	N.D.		
72) 1,1,2-Trichloroethane	8.221	83	45	N.D.		
73) Chlorodibromomethane	8.475	129	43	N.D.		
74) 1,3-Dichloropropane	8.493	76	54	N.D.		
75) 1,2-Dibromoethane	0.000		0	N.D.		
77) 2-Hexanone	8.900	43	49	N.D.		
78) Chlorobenzene	9.294	112	141	N.D.		
79) Ethylbenzene	9.339	91	232	N.D.		
80) 1,1,1,2-Tetrachloroethane	9.348	131	53	N.D.		
81) p/m Xylene	9.524	106	56	N.D.		
82) o Xylene	9.941	106	54	N.D.		
83) Styrene	10.149	104	59	N.D.		
85) Bromoform	0.000		0	N.D.	d	
87) Isopropylbenzene	10.468	105	125	N.D.		
89) Bromobenzene	10.874	156	57	N.D.		
90) n-Propylbenzene	10.971	91	317	N.D.		
92) 1,1,2,2-Tetrachloroethane	10.966	83	40	N.D.		
93) 4-Ethyltoluene	11.085	105	60	N.D.		
94) 2-Chlorotoluene	11.134	91	45	N.D.		
95) 1,3,5-Trimethylbenzene	11.191	105	49	N.D.		
96) 1,2,3-Trichloropropane	11.336	75	58	N.D.		
97) trans-1,4-Dichloro-2-b...	0.000		0	N.D.		
98) 4-Chlorotoluene	11.328	91	264	N.D.		
99) tert-Butylbenzene	11.521	119	40	N.D.		

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A05.D
Acq On : 12 Mar 2025 11:04 am
Operator : ELAINE:PID
Sample : WG2039699-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 11:27:36 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250312A\VE250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102) 1,2,4-Trimethylbenzene	11.733	105	90	N.D.		
103) sec-Butylbenzene	11.733	105	90	N.D.		
104) p-Isopropyltoluene	11.887	119	104	N.D.		
105) 1,3-Dichlorobenzene	11.962	146	178	N.D.		
106) 1,4-Dichlorobenzene	12.054	146	157	N.D.		
107) p-Diethylbenzene	12.279	119	288	N.D.		
108) n-Butylbenzene	12.332	91	382	N.D.		
109) 1,2-Dichlorobenzene	12.486	146	113	N.D.		
110) 1,2,4,5-Tetramethylben...	13.072	119	414	N.D.		
111) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	d	
113) Hexachlorobutadiene	13.870	225	308	0.113	ug/L #	58
114) 1,2,4-Trichlorobenzene	13.892	180	273	N.D.		
115) Naphthalene	14.182	128	605	N.D.		
116) 1,2,3-Trichlorobenzene	14.354	180	421	N.D.		

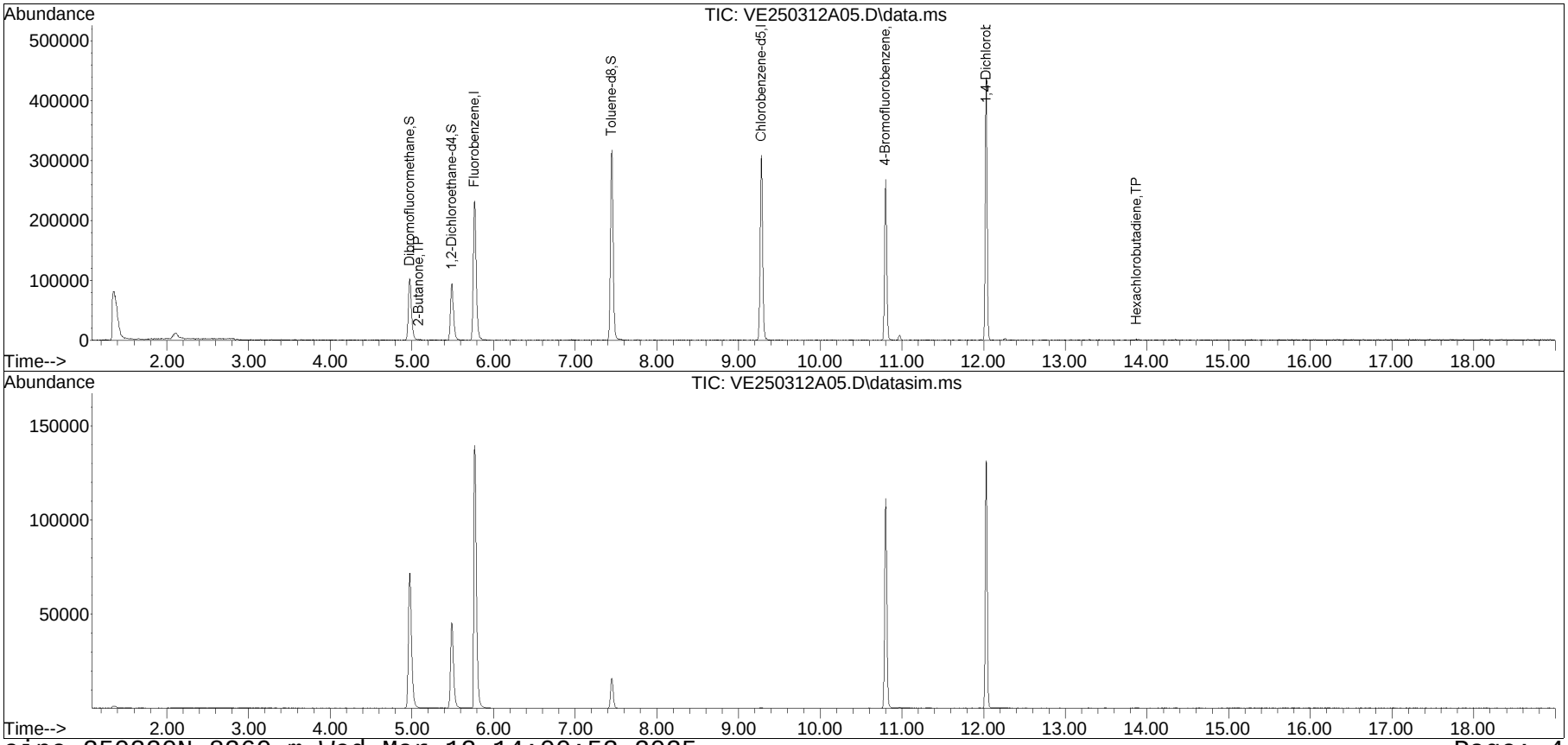
(#) = qualifier out of range (m) = manual integration (+) = signals summed

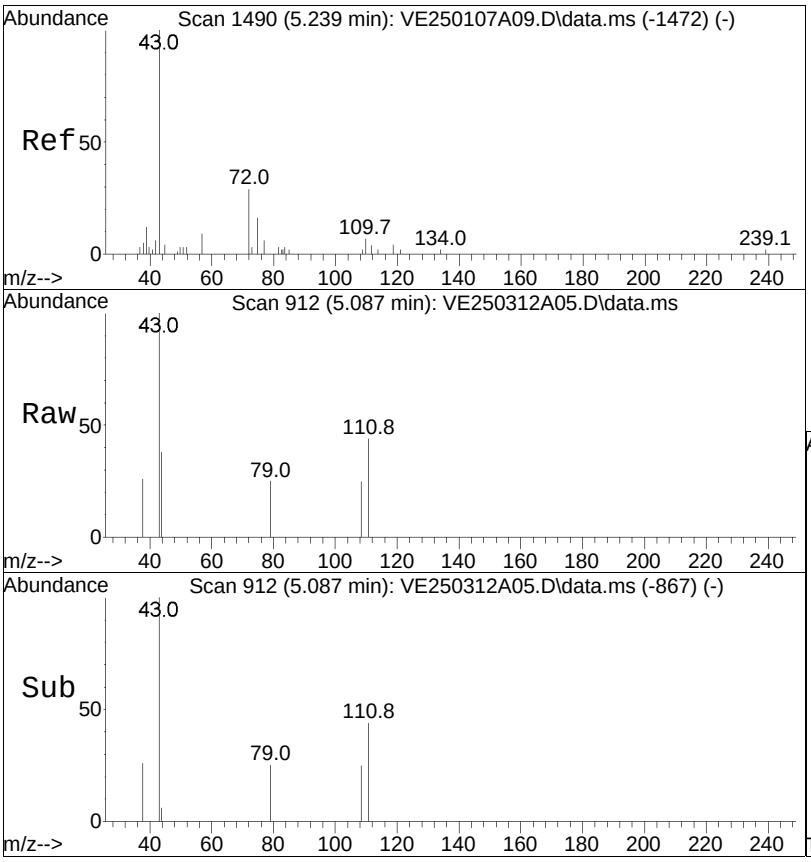
Quantitation Report (QT/LSC Reviewed)

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A05.D
Acq On : 12 Mar 2025 11:04 am
Operator : ELAINE:PID
Sample : WG2039699-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 11:27:36 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

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

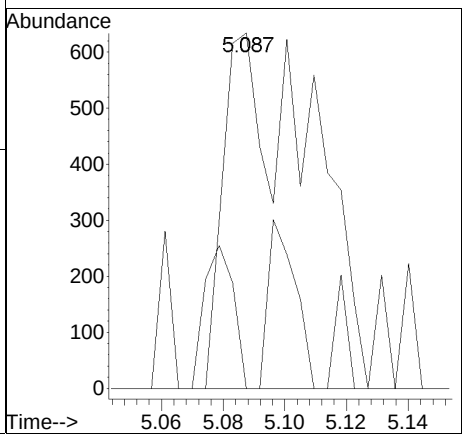


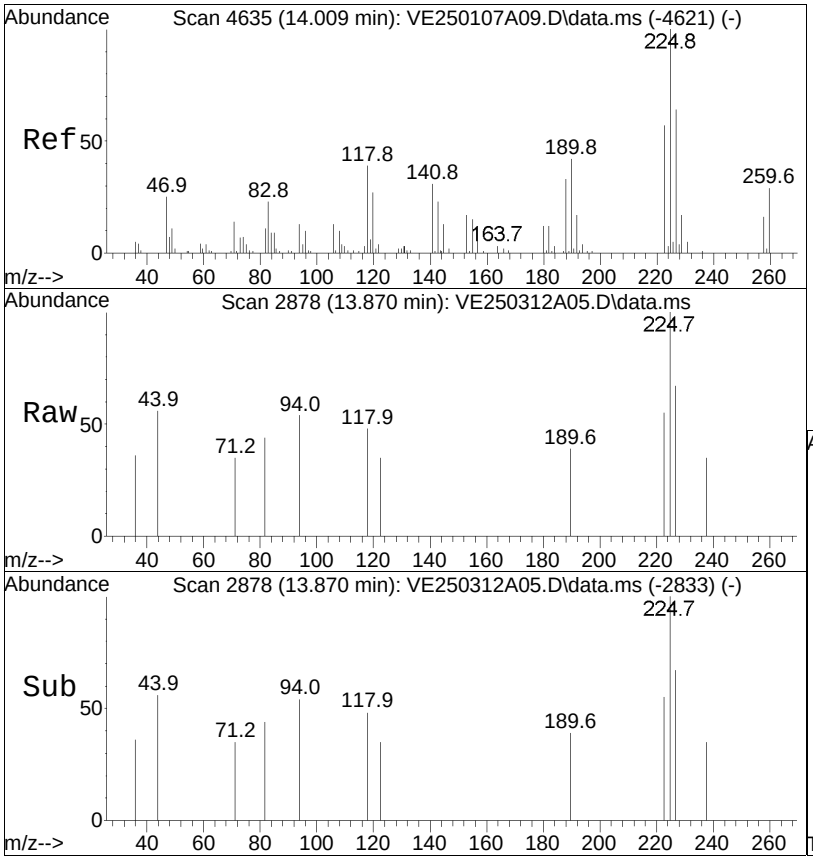


#42
2-Butanone
Concen: 0.82 ug/L M3
RT: 5.087 min Scan# 912
Delta R.T. -0.001 min
Lab File: VE250312A05.D
Acq: 12 Mar 2025 11:04 am

Tgt Ion: 43 Resp: 1250

Ion	Ratio	Lower	Upper
43	100		
72	4.2	44.9	67.3#

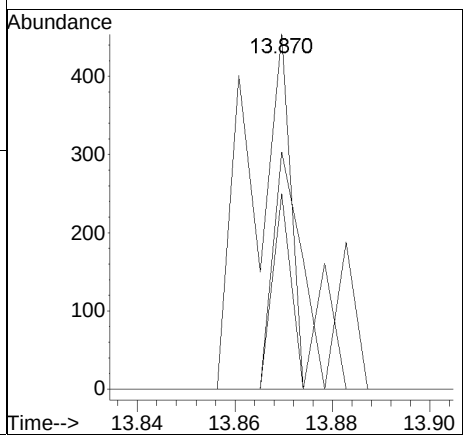




#113
Hexachlorobutadiene
Concen: 0.11 ug/L
RT: 13.870 min Scan# 2878
Delta R.T. -0.000 min
Lab File: VE250312A05.D
Acq: 12 Mar 2025 11:04 am

Tgt Ion:225 Resp: 308

Ion	Ratio	Lower	Upper
225	100		
223	21.4	50.1	75.1#
227	40.3	51.0	76.6#

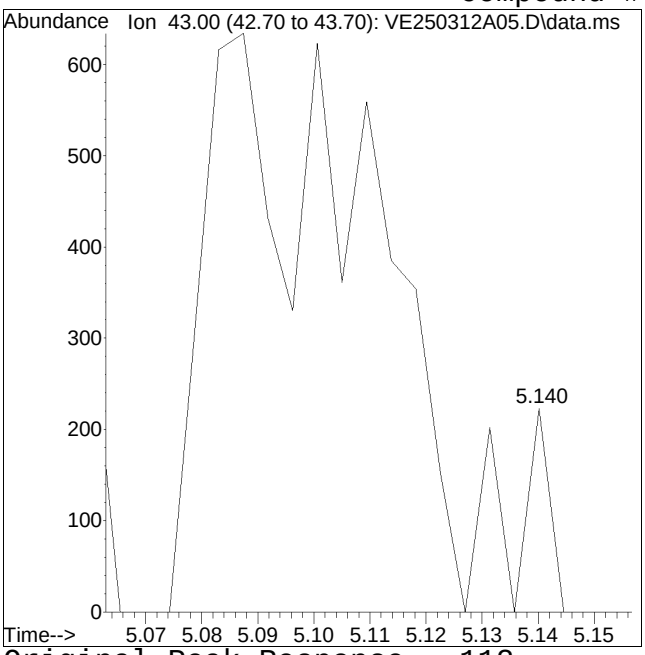


Manual Integration Report

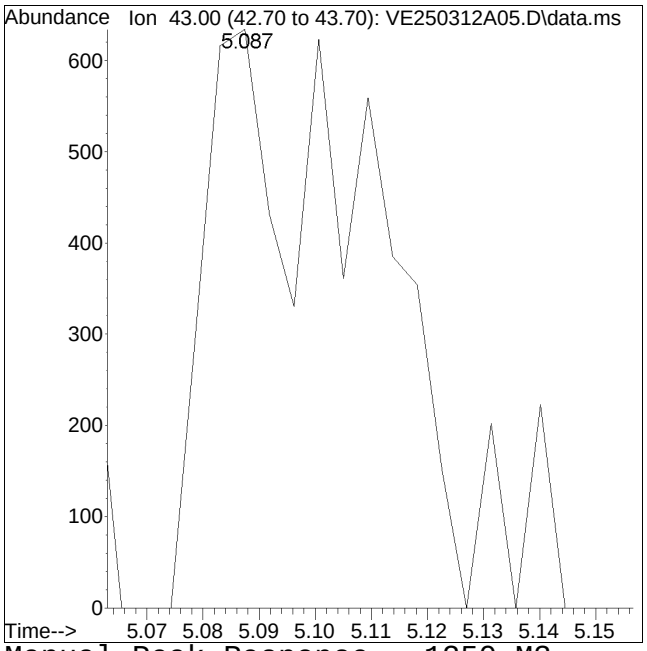
Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A05.D
Date Inj'd : 3/12/2025 11:04 am
Sample : WG2039699-5,31,10,10

QMethod : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 3/12/2025 11:26 am

Compound #42: 2-Butanone



Original Peak Response = 112



Manual Peak Response = 1250 M3

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A01.D
Acq On : 12 Mar 2025 6:56 am
Operator : VOA105:PID
Sample : WG2039666-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 07:19:14 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.591	96	345765	10.000	ug/L	0.00
Standard Area 1 = 345765			Recovery = 100.00%			
59) Chlorobenzene-d5	9.076	117	264279	10.000	ug/L	0.00
Standard Area 1 = 264279			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	11.868	152	147134	10.000	ug/L	0.00
Standard Area 1 = 147134			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.814	113	90615	9.346	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.46%			
43) 1,2-Dichloroethane-d4	5.323	65	107230	9.592	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.92%			
60) Toluene-d8	7.256	98	337394	9.805	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.05%			
83) 4-Bromofluorobenzene	10.616	95	125072	10.633	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.33%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.465	85	76640	7.423	ug/L	100
3) Chloromethane	1.636	50	89981	6.763	ug/L	100
4) Vinyl chloride	1.691	62	90495	10.150	ug/L	98
5) Bromomethane	1.973	94	23051	5.754	ug/L	96
6) Chloroethane	2.069	64	52057	11.622	ug/L	98
7) Trichlorofluoromethane	2.199	101	106178	8.880	ug/L	100
8) Ethyl ether	2.474	74	30574	12.337	ug/L	93
10) 1,1-Dichloroethene	2.652	96	62129	10.884	ug/L	99
11) Carbon disulfide	2.673	76	198430	11.276	ug/L	99
15) Methylene chloride	3.181	84	78601	9.657	ug/L	94
17) Acetone	3.242	43	13892	8.072	ug/L	100
18) trans-1,2-Dichloroethene	3.318	96	79529	10.219	ug/L	93
20) Methyl tert-butyl ether	3.414	73	160441	10.139	ug/L	95
23) 1,1-Dichloroethane	3.881	63	159251	9.649	ug/L	100
25) Acrylonitrile	3.949	53	19464	8.582	ug/L	99
27) Vinyl acetate	4.114	43	142641M6	9.671	ug/L	
28) cis-1,2-Dichloroethene	4.382	96	86401	10.208	ug/L	95
29) 2,2-Dichloropropane	4.471	77	110139	9.771	ug/L	95
30) Bromochloromethane	4.567	128	39933	9.638	ug/L	97
32) Chloroform	4.636	83	134689	9.406	ug/L	99

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A01.D
Acq On : 12 Mar 2025 6:56 am
Operator : VOA105:PID
Sample : WG2039666-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 07:19:14 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	4.752	117	98973	8.292	ug/L	98
37) 1,1,1-Trichloroethane	4.821	97	112900	8.679	ug/L	99
39) 2-Butanone	4.938	43	27967	9.737	ug/L	90
40) 1,1-Dichloropropene	4.938	75	102910	9.463	ug/L	98
41) Benzene	5.181	78	304742	10.383	ug/L	96
44) 1,2-Dichloroethane	5.386	62	99295	9.036	ug/L	99
48) Trichloroethene	5.767	95	81243	9.691	ug/L	95
50) Dibromomethane	6.205	93	41144	9.642	ug/L	96
51) 1,2-Dichloropropane	6.303	63	84579	9.447	ug/L	97
54) Bromodichloromethane	6.381	83	97260	9.260	ug/L	98
57) 1,4-Dioxane	6.593	88	19817	532.164	ug/L	89
58) cis-1,3-Dichloropropene	7.058	75	110929	9.391	ug/L	95
61) Toluene	7.305	92	184442	9.659	ug/L	99
62) 4-Methyl-2-pentanone	7.757	58	16853	8.647	ug/L	96
63) Tetrachloroethene	7.750	166	84410	9.207	ug/L	98
65) trans-1,3-Dichloropropene	7.806	75	88640	9.269	ug/L	96
68) 1,1,2-Trichloroethane	7.983	83	47568	10.117	ug/L	98
69) Chlorodibromomethane	8.187	129	69829	9.150	ug/L	99
70) 1,3-Dichloropropane	8.300	76	100337	10.158	ug/L	99
71) 1,2-Dibromoethane	8.455	107	53477	9.476	ug/L	98
72) 2-Hexanone	8.766	43	27440	8.634	ug/L	98
73) Chlorobenzene	9.097	112	217929	9.559	ug/L	96
74) Ethylbenzene	9.133	91	357465	9.730	ug/L	98
75) 1,1,1,2-Tetrachloroethane	9.182	131	73268	8.886	ug/L	99
76) p/m Xylene	9.323	106	282137	19.829	ug/L	99
77) o Xylene	9.867	106	270445	19.840	ug/L	99
78) Styrene	9.937	104	447266	20.292	ug/L	99
80) Bromoform	9.972	173	38525	8.323	ug/L	98
82) Isopropylbenzene	10.269	105	361620	10.034	ug/L	100
84) Bromobenzene	10.729	156	88011	9.859	ug/L	97
85) n-Propylbenzene	10.778	91	425491	10.218	ug/L	99
87) 1,1,2,2-Tetrachloroethane	10.892	83	63577	10.250	ug/L	97
88) 4-Ethyltoluene	10.913	105	357244	10.081	ug/L	100
89) 2-Chlorotoluene	10.948	91	251103M6	10.147	ug/L	
90) 1,3,5-Trimethylbenzene	11.012	105	300692	9.670	ug/L	98
91) 1,2,3-Trichloropropane	11.026	75	50731M1	10.311	ug/L	
92) trans-1,4-Dichloro-2-b...	11.090	53	19988	9.091	ug/L	90
93) 4-Chlorotoluene	11.146	91	254384	9.966	ug/L	98
94) tert-Butylbenzene	11.365	119	267552	9.860	ug/L	100

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A01.D
Acq On : 12 Mar 2025 6:56 am
Operator : VOA105:PID
Sample : WG2039666-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 07:19:14 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.450	105	292406	9.862	ug/L	100
98) sec-Butylbenzene	11.556	105	383689	10.037	ug/L	100
99) p-Isopropyltoluene	11.719	119	338873	9.985	ug/L	100
100) 1,3-Dichlorobenzene	11.790	146	176248	9.815	ug/L	99
101) 1,4-Dichlorobenzene	11.882	146	179659	9.736	ug/L	99
102) p-Diethylbenzene	12.101	119	197191	9.898	ug/L	100
103) n-Butylbenzene	12.165	91	274398	10.216	ug/L	99
104) 1,2-Dichlorobenzene	12.313	146	159116	9.788	ug/L	100
105) 1,2,4,5-Tetramethylben...	12.907	119	269519	8.889	ug/L	100
106) 1,2-Dibromo-3-chloropr...	13.113	155	8975	8.823	ug/L	99
108) Hexachlorobutadiene	13.714	225	39483	9.434	ug/L	99
109) 1,2,4-Trichlorobenzene	13.742	180	97593	9.804	ug/L	99
110) Naphthalene	14.032	128	203701	10.208	ug/L	100
111) 1,2,3-Trichlorobenzene	14.202	180	84660	10.139	ug/L	100

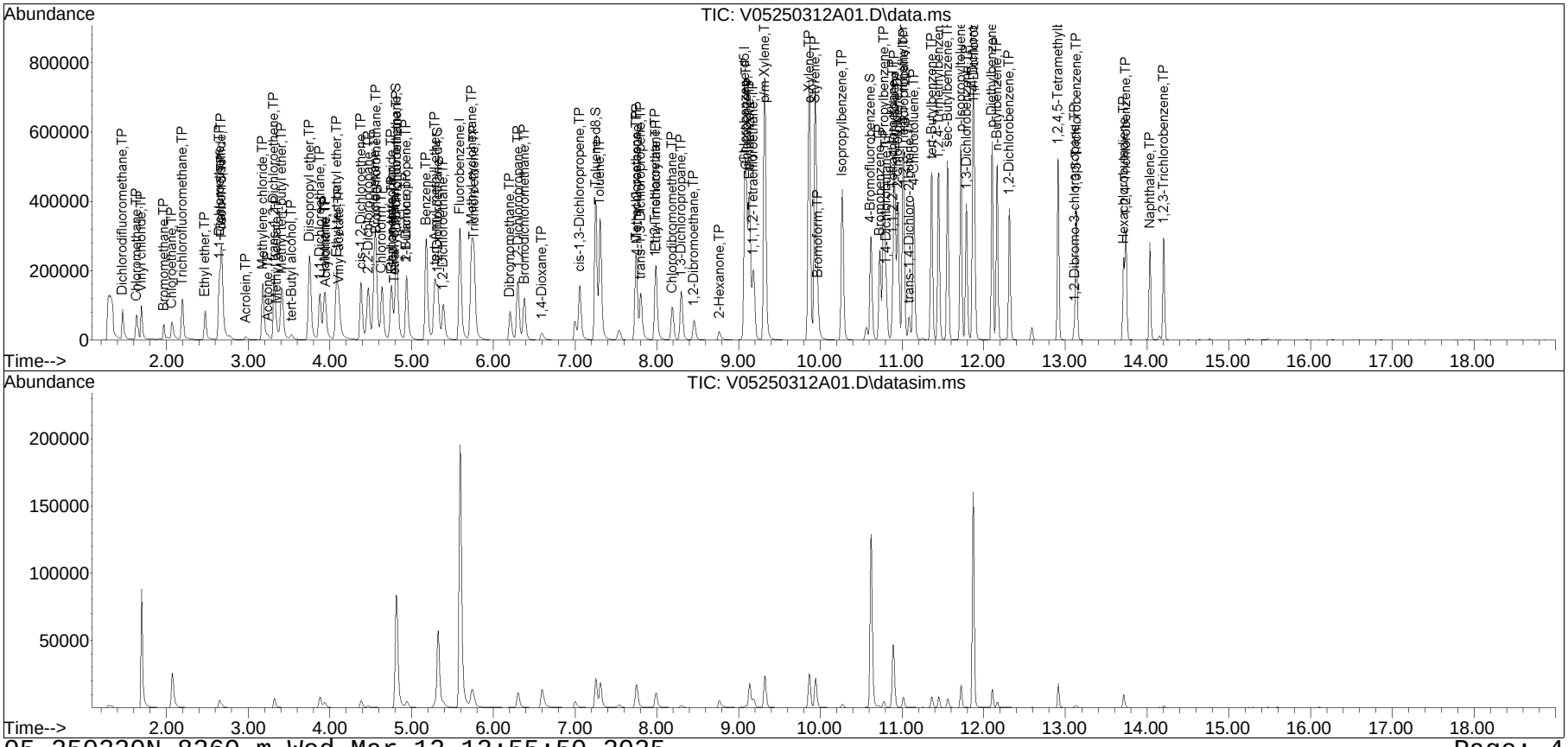
(#) = qualifier out of range (m) = manual integration (+) = signals summed

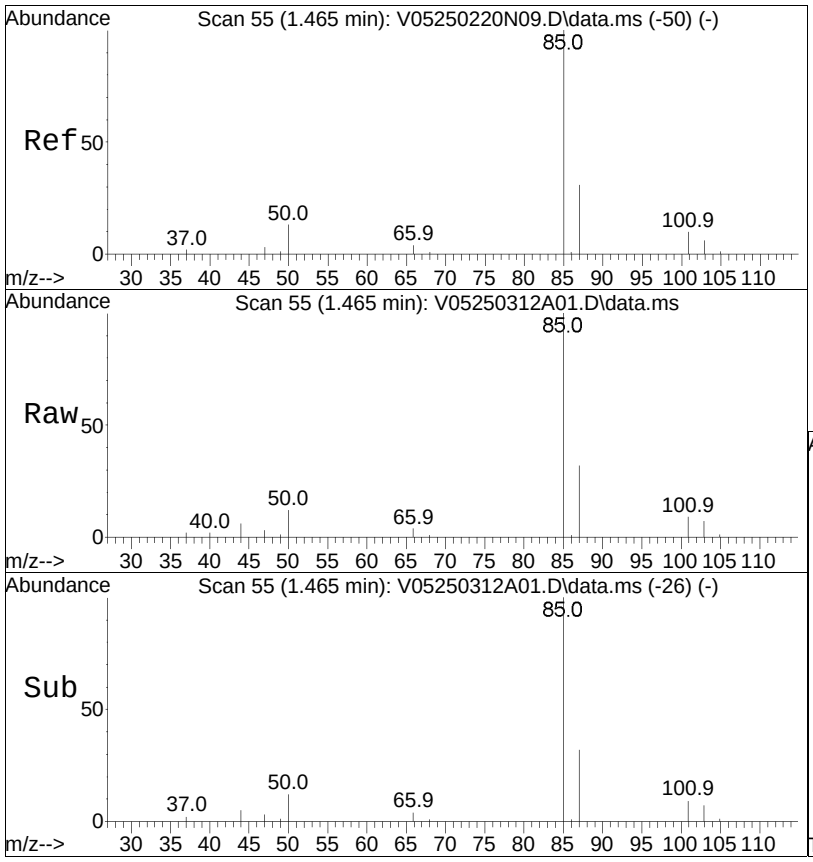
Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A01.D
Acq On : 12 Mar 2025 6:56 am
Operator : VOA105:PID
Sample : WG2039666-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 07:19:14 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

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

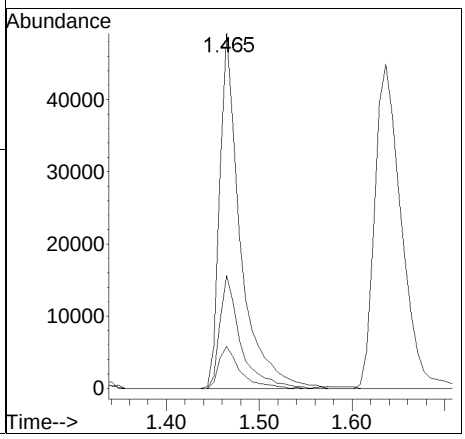


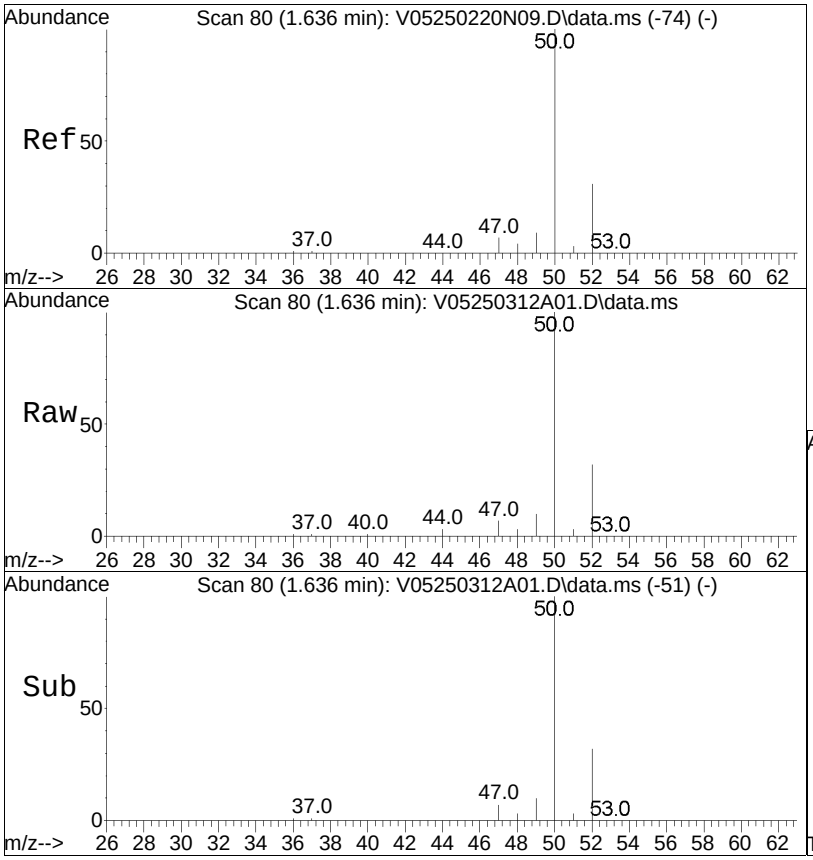


#2
Dichlorodifluoromethane
Concen: 7.42 ug/L
RT: 1.465 min Scan# 55
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 85 Resp: 76640

Ion	Ratio	Lower	Upper
85	100		
87	31.8	20.8	43.2
50	12.2	8.0	16.6

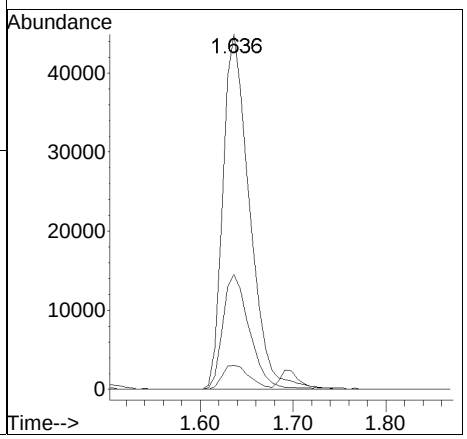


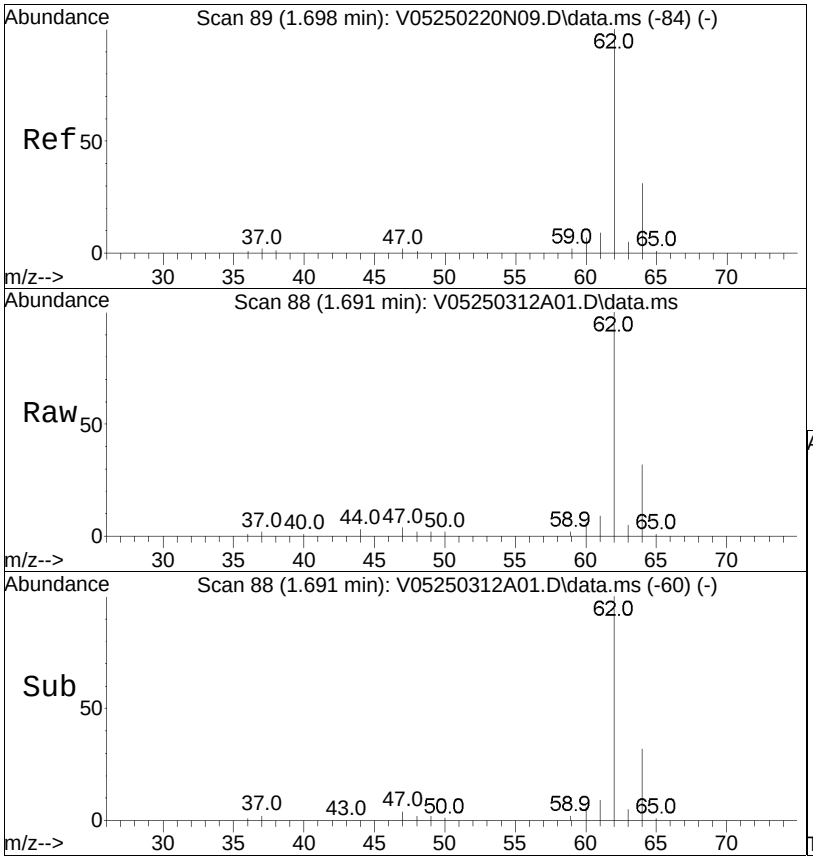


#3
Chloromethane
Concen: 6.76 ug/L
RT: 1.636 min Scan# 80
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 50 Resp: 89981

Ion	Ratio	Lower	Upper
50	100		
52	32.4	12.6	52.6
47	7.0	0.0	27.3

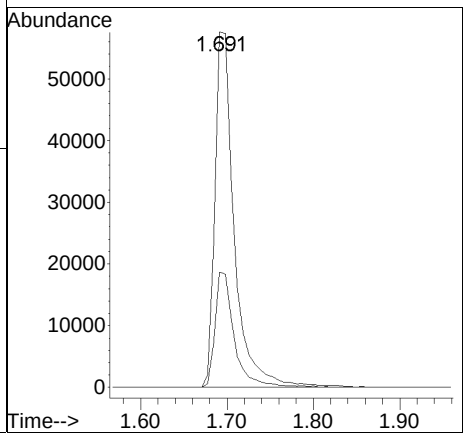


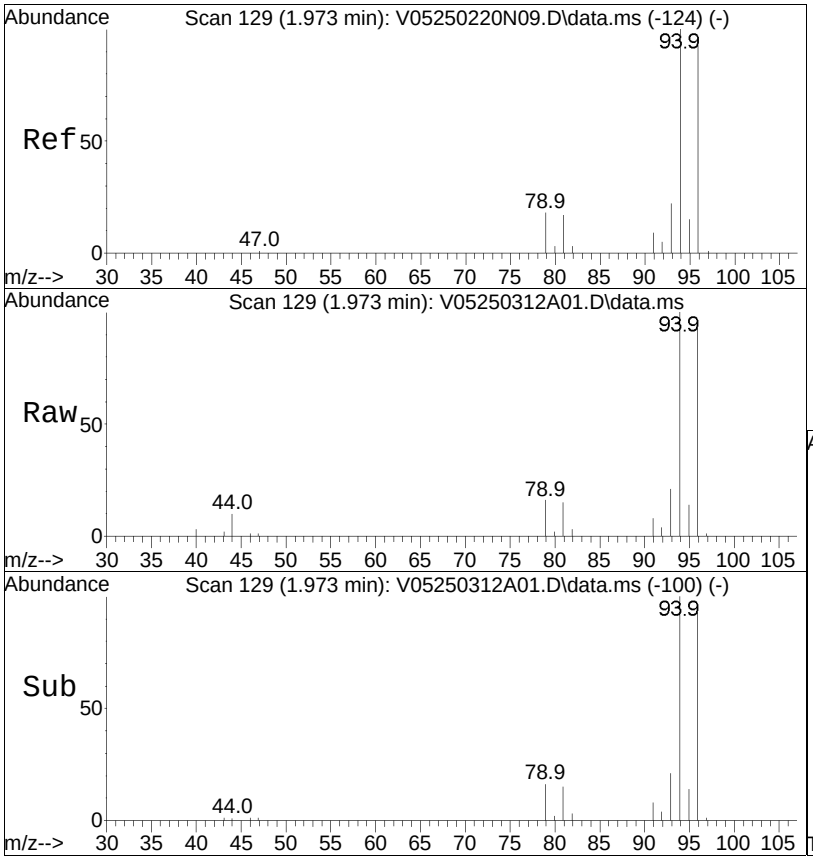


#4
Vinyl chloride
Concen: 10.15 ug/L
RT: 1.691 min Scan# 88
Delta R.T. -0.007 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 62 Resp: 90495

Ion	Ratio	Lower	Upper
62	100		
64	32.2	11.0	51.0

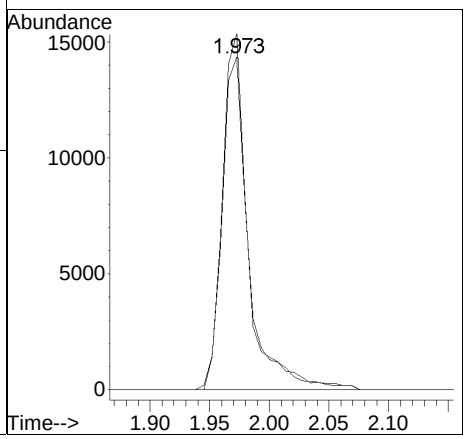


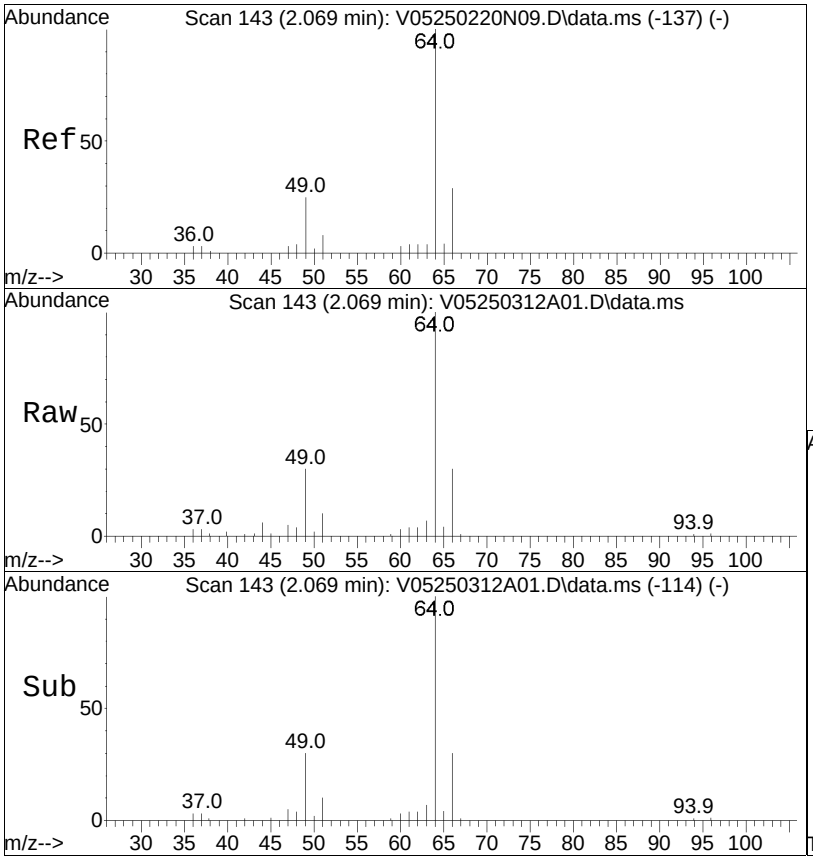


#5
Bromomethane
Concen: 5.75 ug/L
RT: 1.973 min Scan# 129
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 94 Resp: 23051

Ion	Ratio	Lower	Upper
94	100		
96	96.7	72.9	112.9

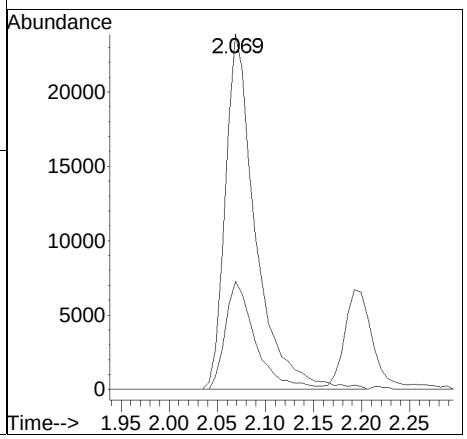


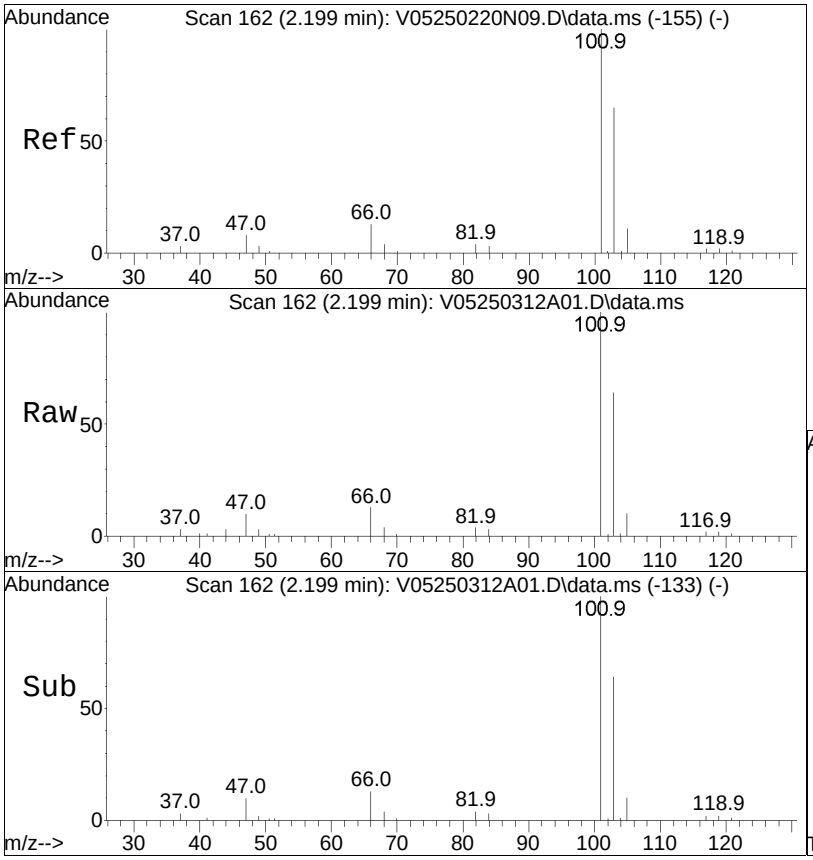


#6
Chloroethane
Concen: 11.62 ug/L
RT: 2.069 min Scan# 143
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 64 Resp: 52057

Ion	Ratio	Lower	Upper
64	100		
66	30.1	9.2	49.2

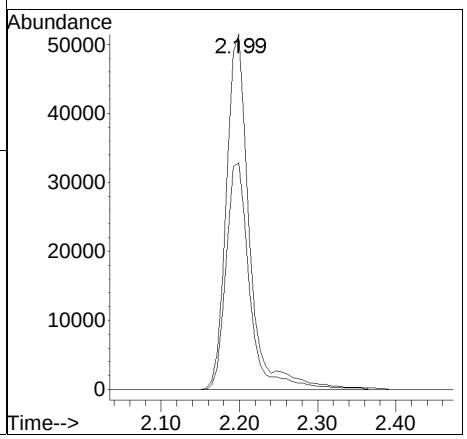


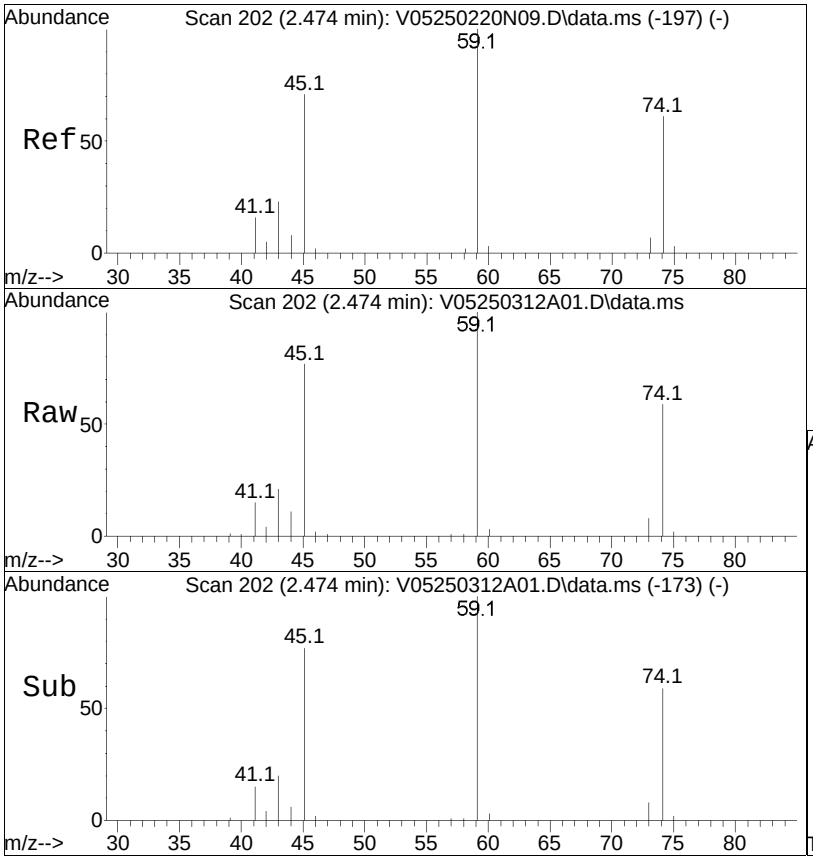


#7
Trichlorofluoromethane
Concen: 8.88 ug/L
RT: 2.199 min Scan# 162
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:101 Resp: 106178

Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.4	78.6

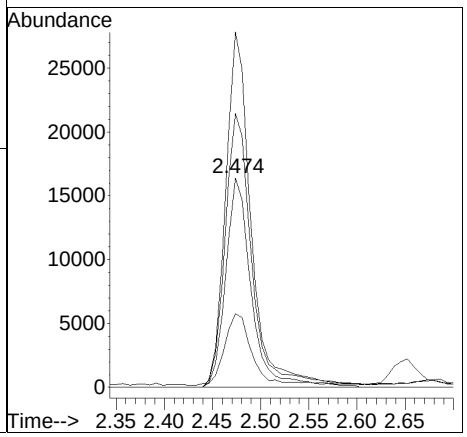


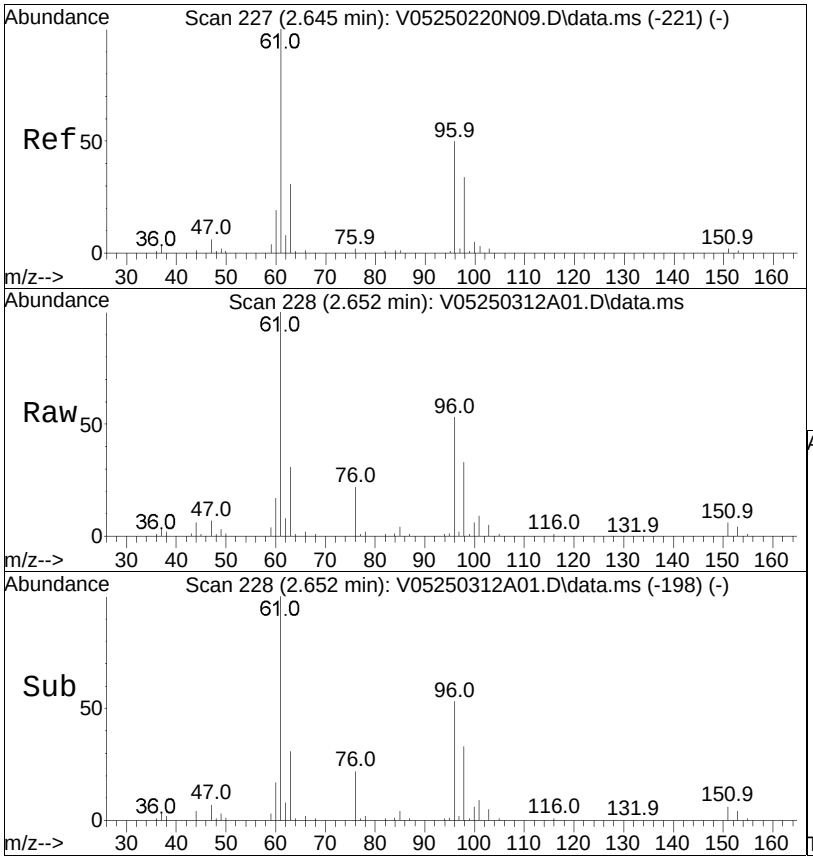


#8
Ethyl ether
Concen: 12.34 ug/L
RT: 2.474 min Scan# 202
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 74 Resp: 30574

Ion	Ratio	Lower	Upper
74	100		
59	170.3	111.5	231.7
45	138.6	78.1	162.3
43	37.6	26.7	55.4

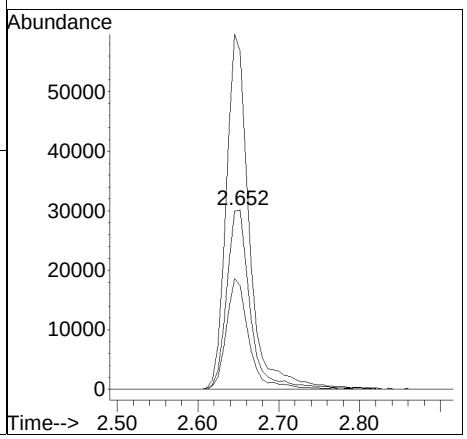


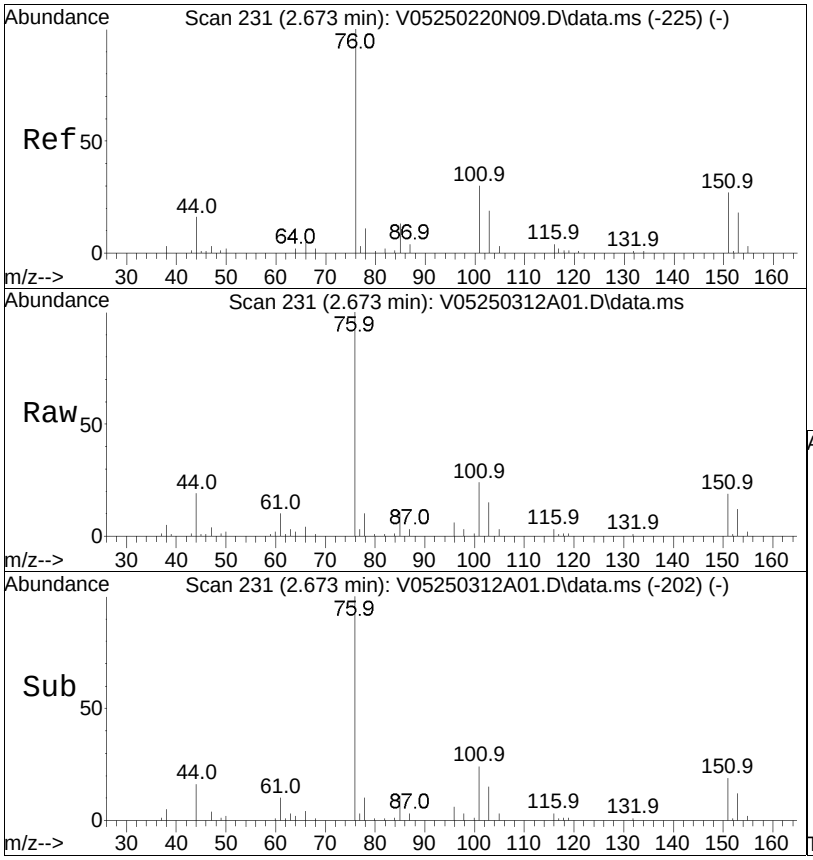


#10
1,1-Dichloroethene
Concen: 10.88 ug/L
RT: 2.652 min Scan# 228
Delta R.T. 0.007 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 96 Resp: 62129

Ion	Ratio	Lower	Upper
96	100		
61	192.4	156.0	234.0
63	59.2	47.4	71.2

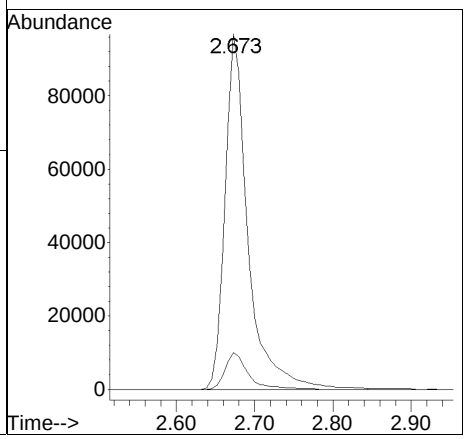


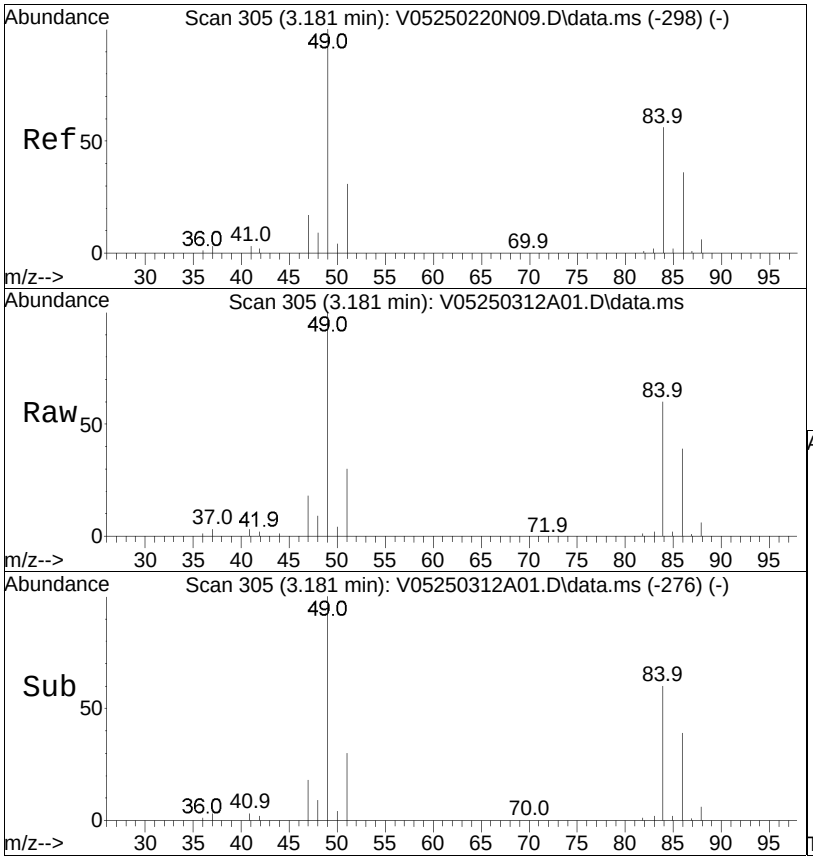


#11
Carbon disulfide
Concen: 11.28 ug/L
RT: 2.673 min Scan# 231
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 76 Resp: 198430

Ion	Ratio	Lower	Upper
76	100		
78	10.4	6.6	13.6

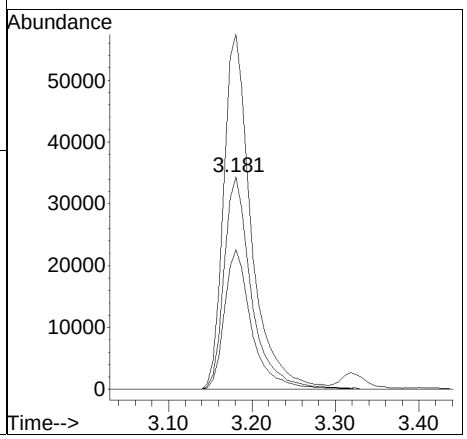


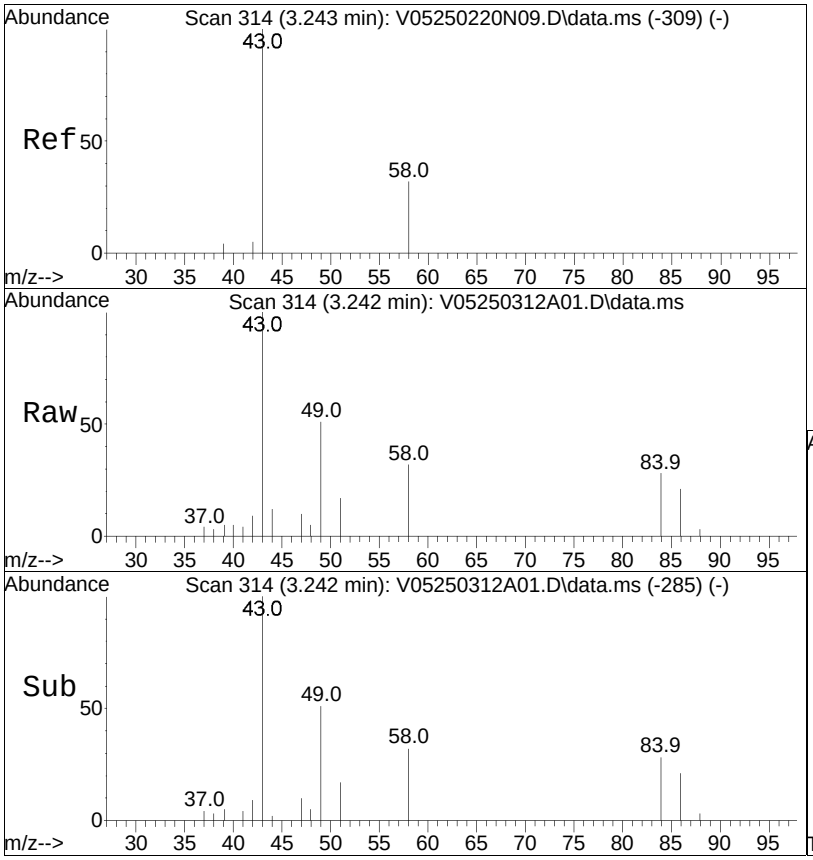


#15
Methylene chloride
Concen: 9.66 ug/L
RT: 3.181 min Scan# 305
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 84 Resp: 78601

Ion	Ratio	Lower	Upper
84	100		
86	65.5	41.3	85.7
49	168.3	115.6	240.2

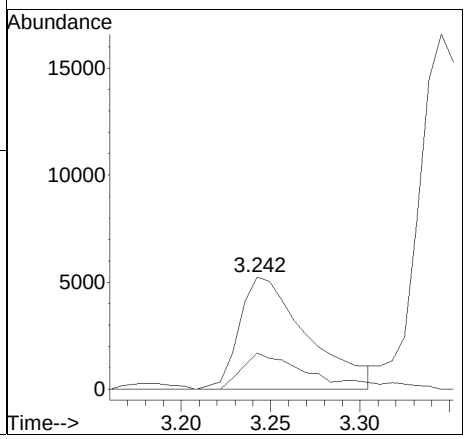


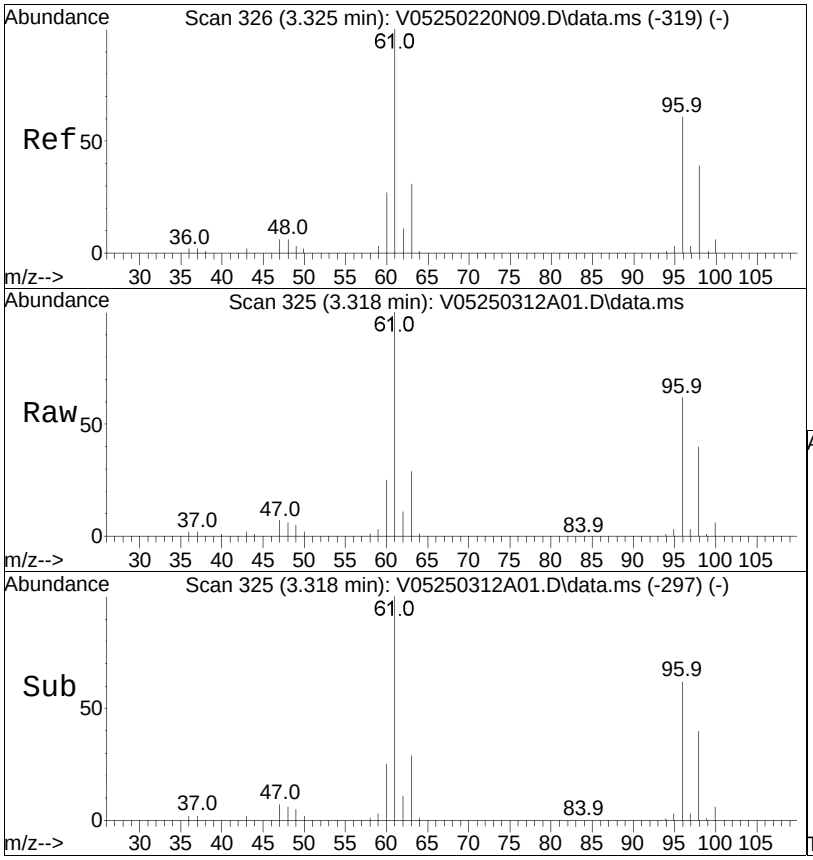


#17
Acetone
Concen: 8.07 ug/L
RT: 3.242 min Scan# 314
Delta R.T. -0.001 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 43 Resp: 13892

Ion	Ratio	Lower	Upper
43	100		
58	33.7	26.9	40.3

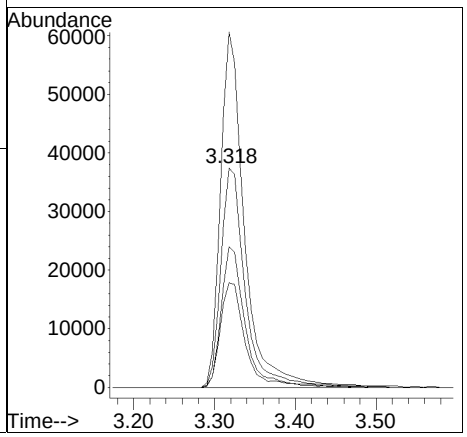


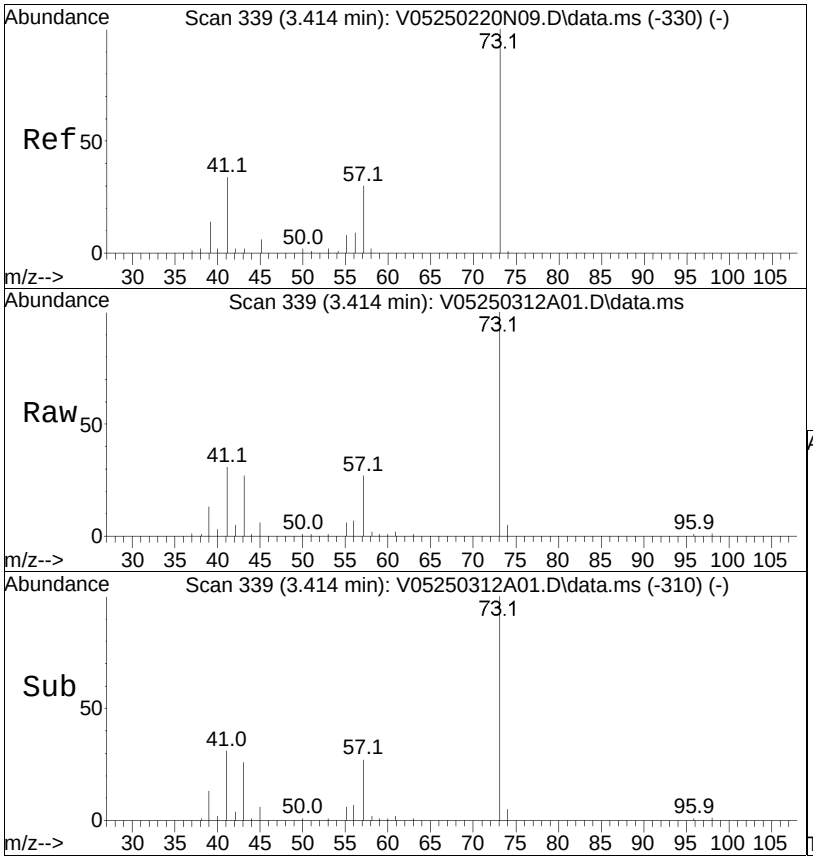


#18
trans-1,2-Dichloroethene
Concen: 10.22 ug/L
RT: 3.318 min Scan# 325
Delta R.T. -0.007 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 96 Resp: 79529

Ion	Ratio	Lower	Upper
96	100		
61	158.3	110.9	230.3
98	63.1	42.7	88.7
63	48.7	33.6	69.8

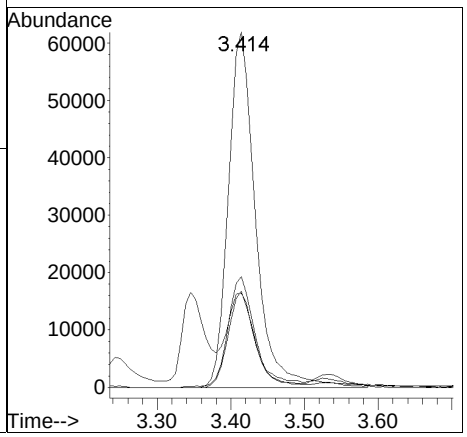


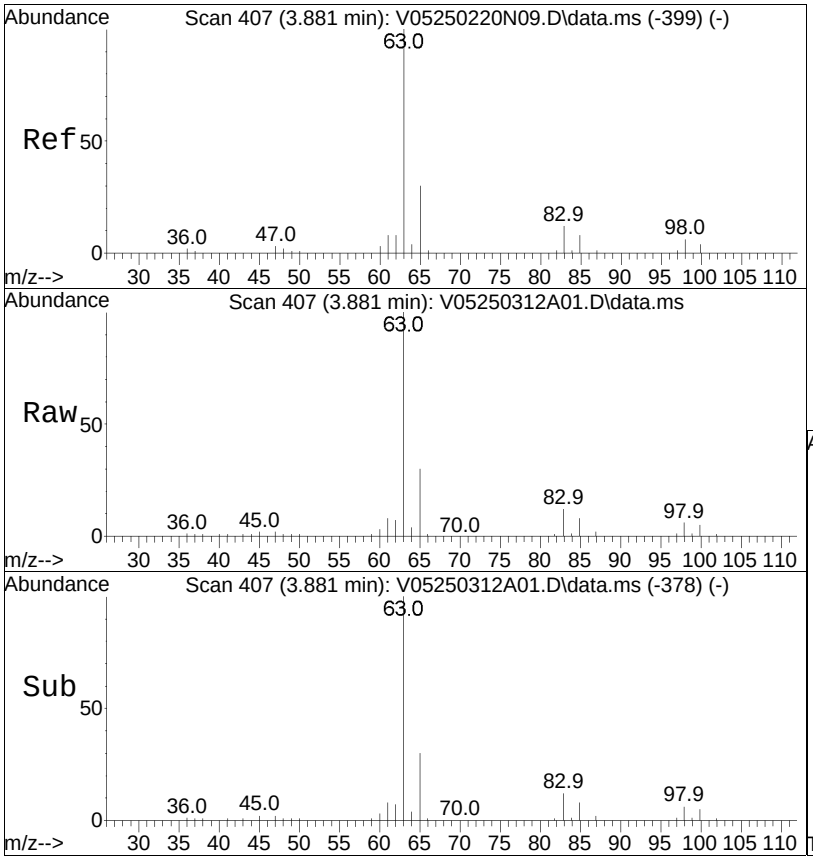


#20
Methyl tert-butyl ether
Concen: 10.14 ug/L
RT: 3.414 min Scan# 339
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 73 Resp: 160441

Ion	Ratio	Lower	Upper
73	100		
57	26.5	18.8	39.0
43	25.8	18.0	37.4
41	30.6	22.4	46.4

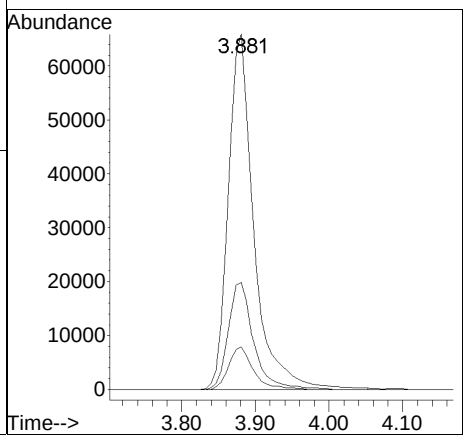


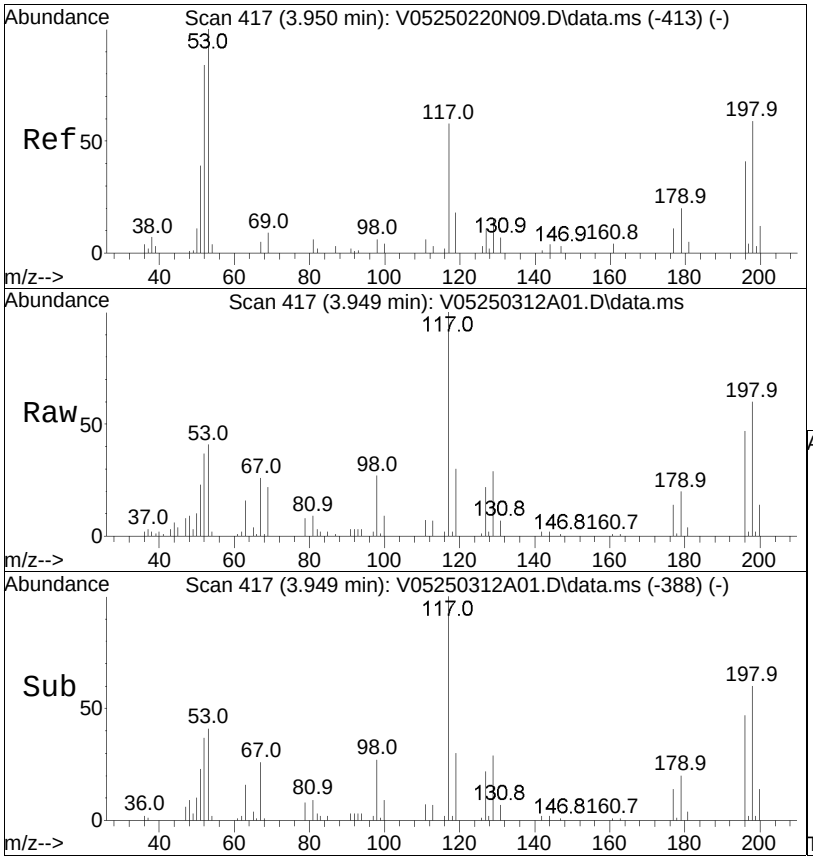


#23
1,1-Dichloroethane
Concen: 9.65 ug/L
RT: 3.881 min Scan# 407
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 63 Resp: 159251

Ion	Ratio	Lower	Upper
63	100		
65	29.8	9.5	49.5
83	11.5	0.0	31.7

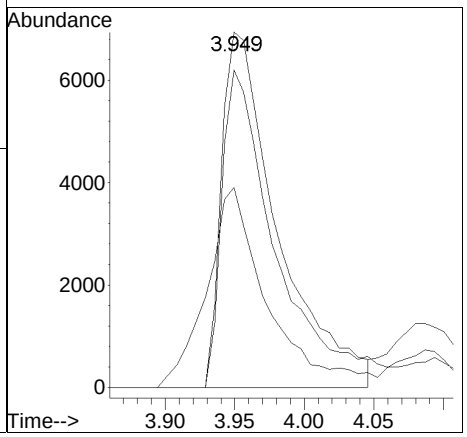


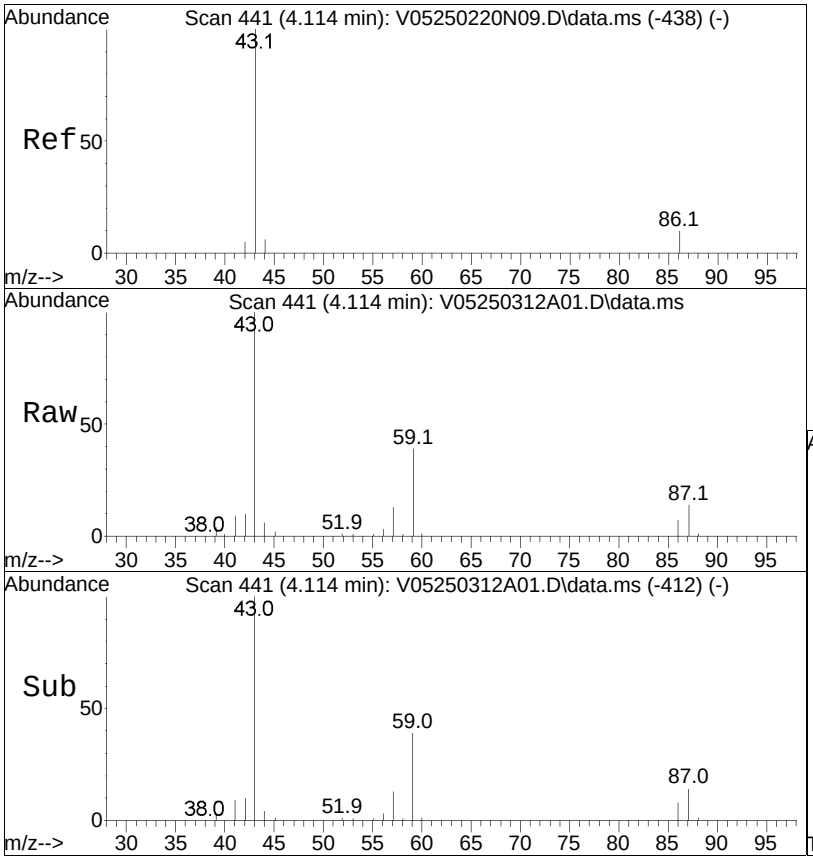


#25
Acrylonitrile
Concen: 8.58 ug/L
RT: 3.949 min Scan# 417
Delta R.T. -0.001 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 53 Resp: 19464

Ion	Ratio	Lower	Upper
53	100		
52	87.8	69.2	103.8
51	60.9	49.0	73.6

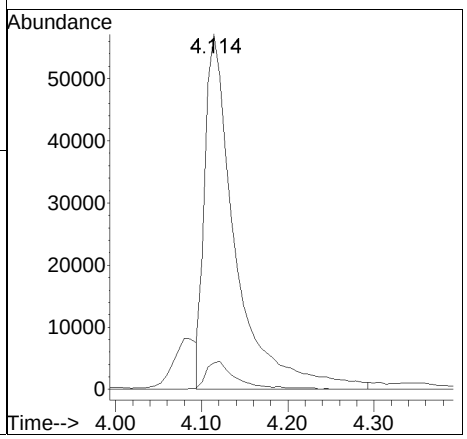


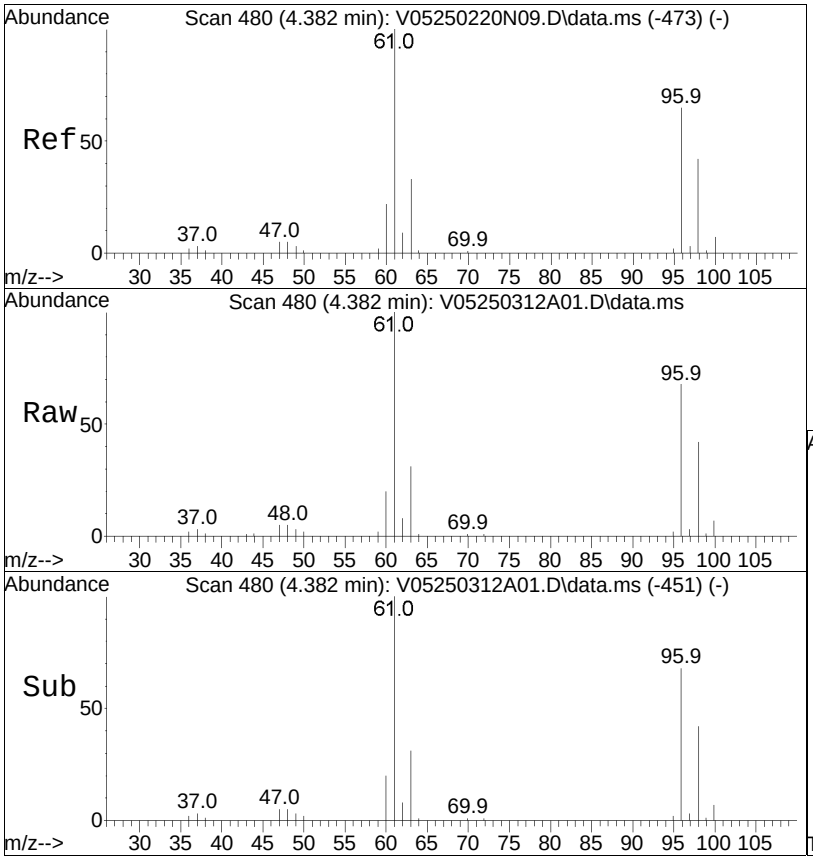


#27
Vinyl acetate
Concen: 9.67 ug/L M6
RT: 4.114 min Scan# 441
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 43 Resp: 142641

Ion	Ratio	Lower	Upper
43	100		
86	8.0	5.6	8.4

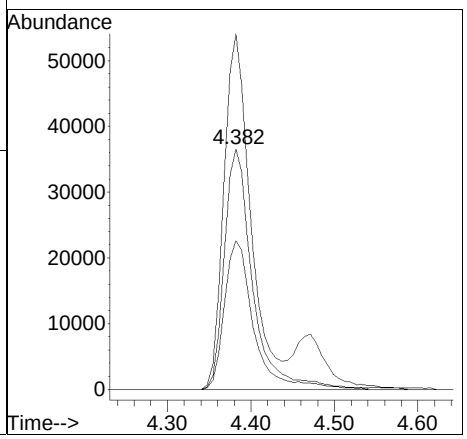


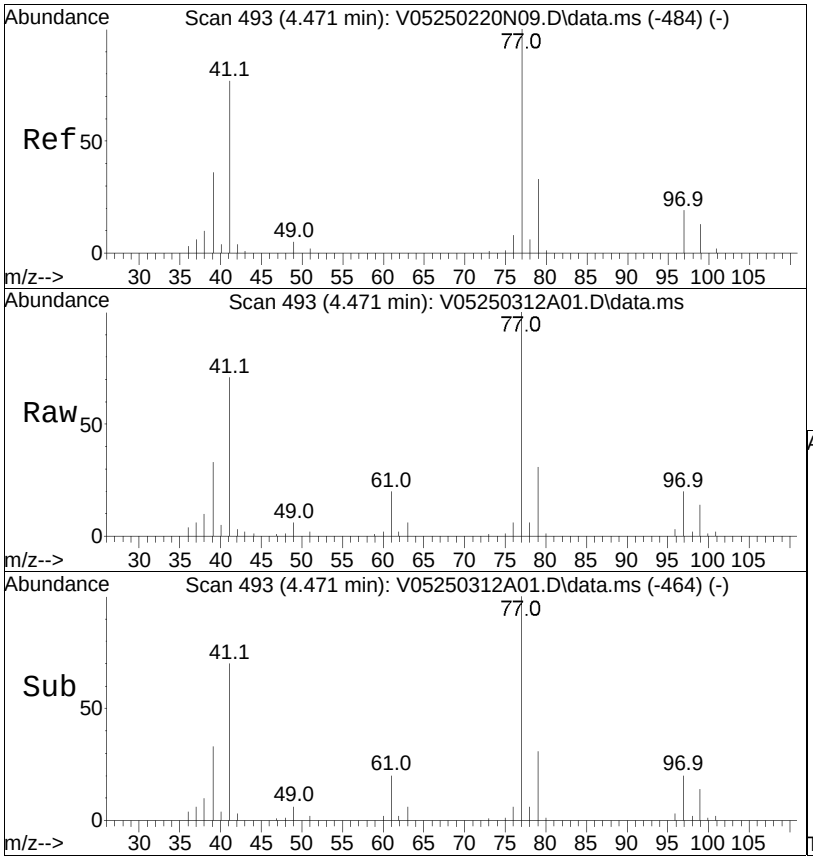


#28
cis-1,2-Dichloroethene
Concen: 10.21 ug/L
RT: 4.382 min Scan# 480
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 96 Resp: 86401

Ion	Ratio	Lower	Upper
96	100		
61	138.8	117.2	175.8
98	63.9	50.2	75.4

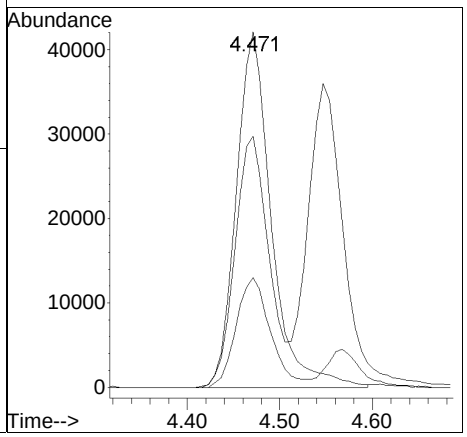


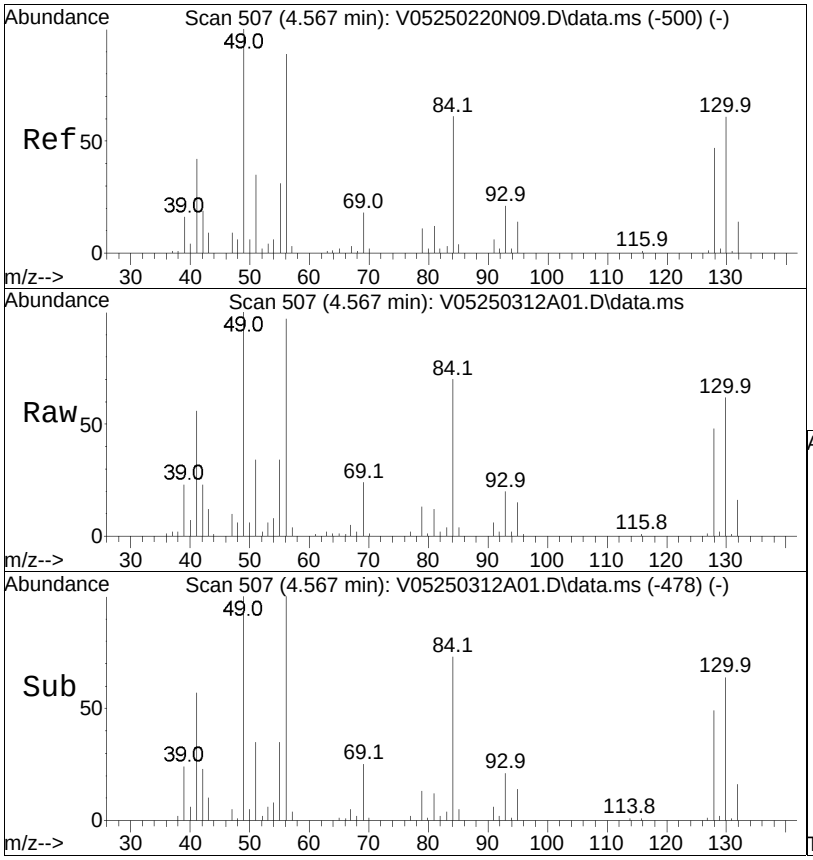


#29
2,2-Dichloropropane
Concen: 9.77 ug/L
RT: 4.471 min Scan# 493
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 77 Resp: 110139

Ion	Ratio	Lower	Upper
77	100		
41	67.5	47.8	99.4
79	30.7	20.0	41.6

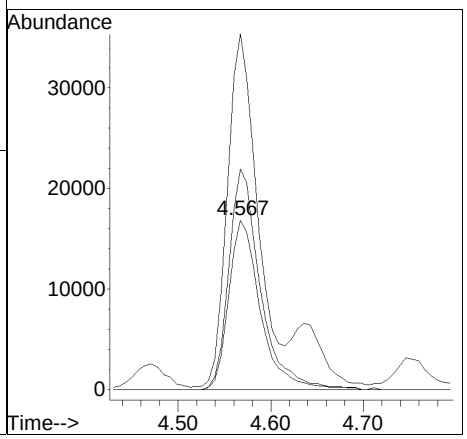


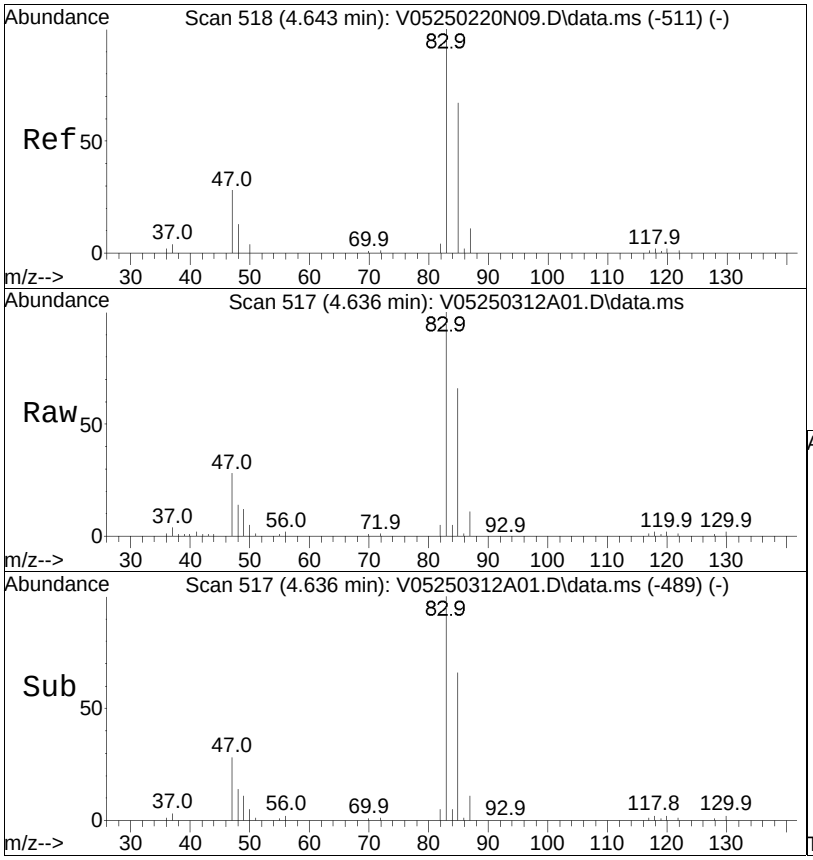


#30
Bromochloromethane
Concen: 9.64 ug/L
RT: 4.567 min Scan# 507
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:128 Resp: 39933

Ion	Ratio	Lower	Upper
128	100		
49	198.2	163.4	245.2
130	129.5	102.2	153.4

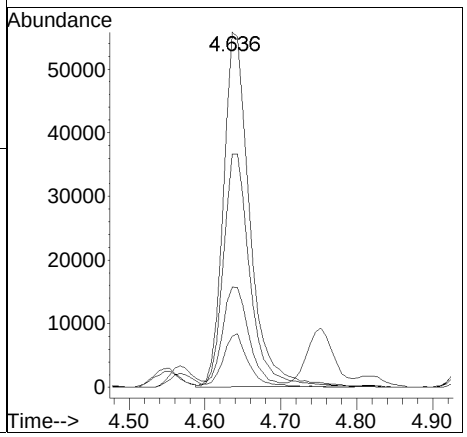


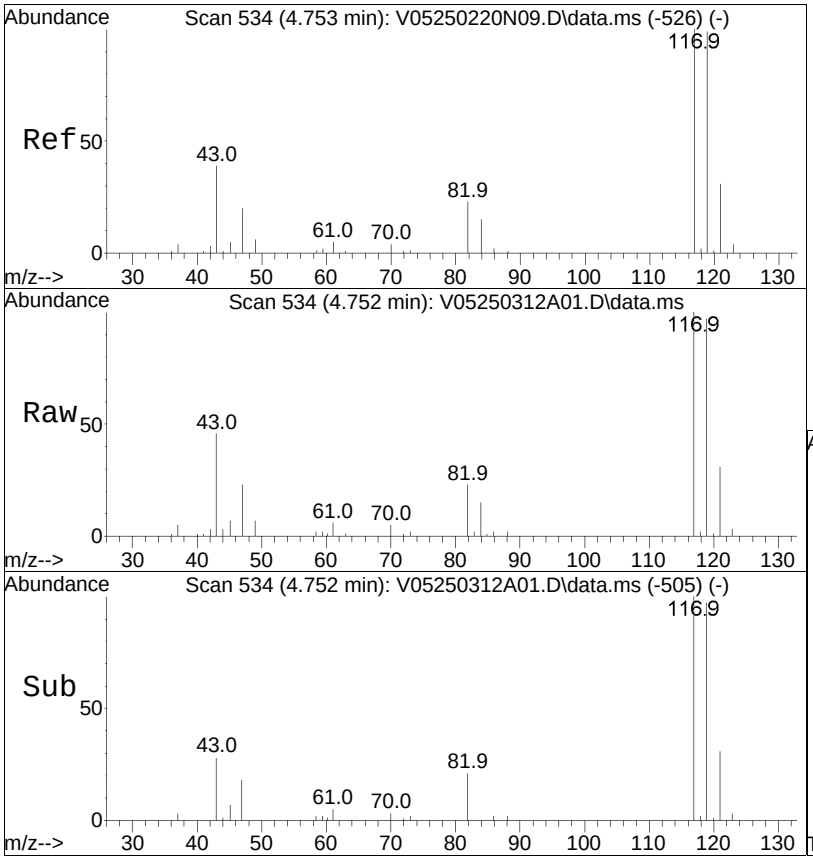


#32
Chloroform
Concen: 9.41 ug/L
RT: 4.636 min Scan# 517
Delta R.T. -0.007 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 83 Resp: 134689

Ion	Ratio	Lower	Upper
83	100		
85	66.3	43.0	89.2
47	26.5	17.6	36.6
48	13.9	9.6	19.8

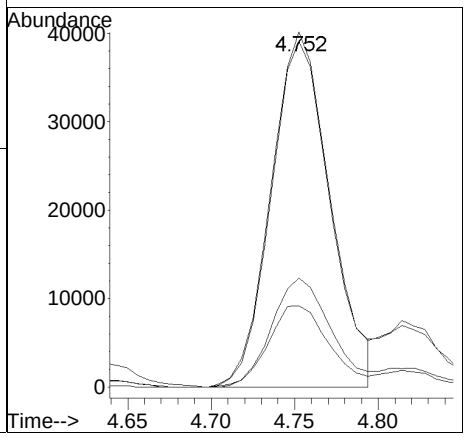


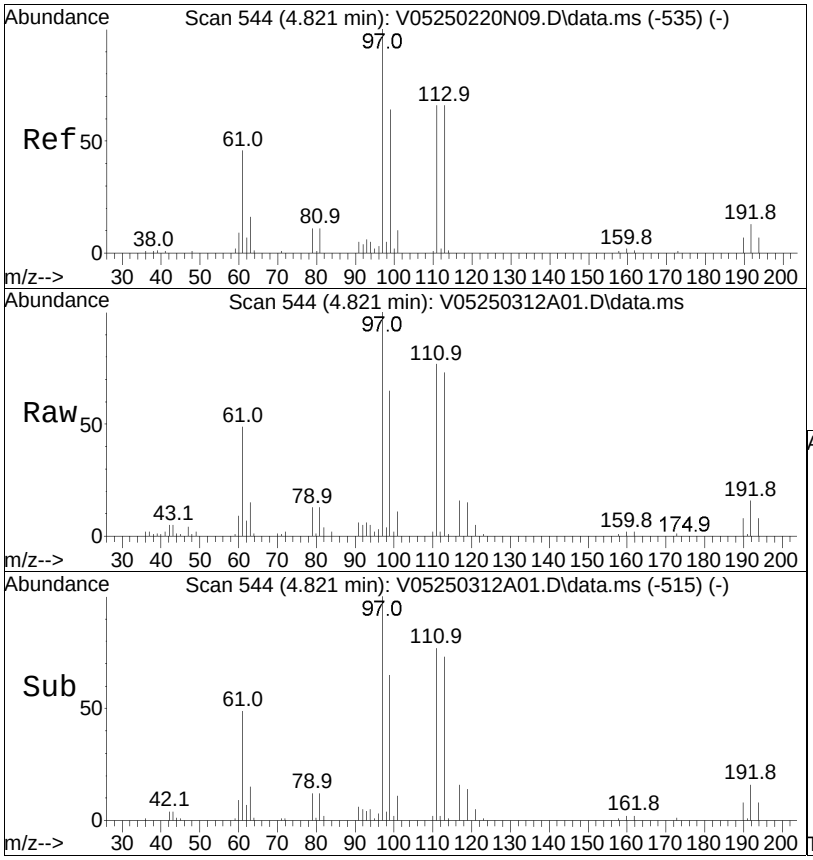


#34
Carbon tetrachloride
Concen: 8.29 ug/L
RT: 4.752 min Scan# 534
Delta R.T. -0.001 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:117 Resp: 98973

Ion	Ratio	Lower	Upper
117	100		
119	97.2	64.0	133.0
121	30.8	20.8	43.2
82	23.8	14.6	30.4

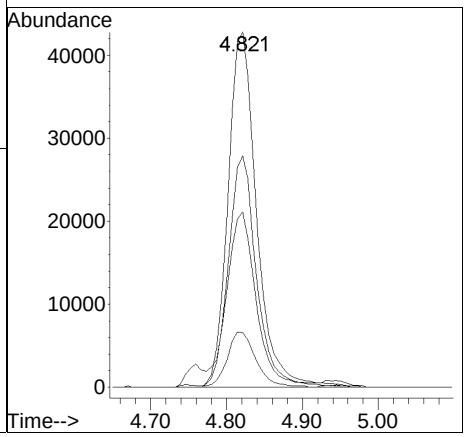


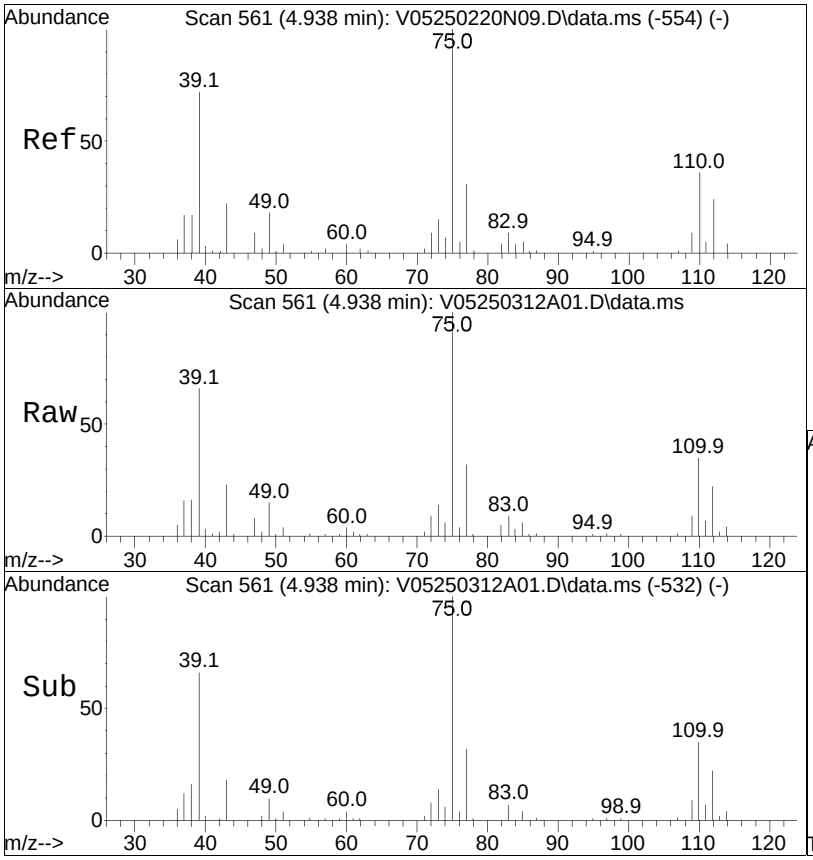


#37
1,1,1-Trichloroethane
Concen: 8.68 ug/L
RT: 4.821 min Scan# 544
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 97 Resp: 112900

Ion	Ratio	Lower	Upper
97	100		
99	64.2	41.6	86.4
61	50.7	33.5	69.5
63	15.7	10.1	20.9

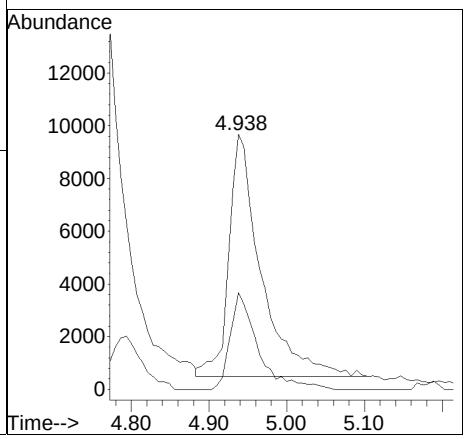


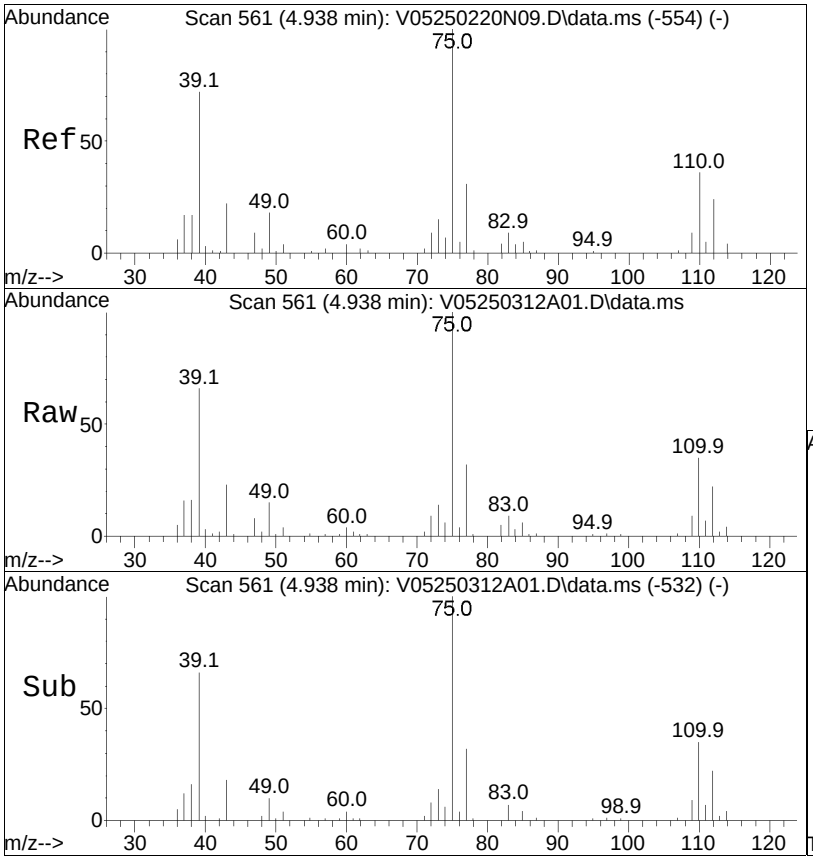


#39
2-Butanone
Concen: 9.74 ug/L
RT: 4.938 min Scan# 561
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 43 Resp: 27967

Ion	Ratio	Lower	Upper
43	100		
72	35.3	23.8	35.8

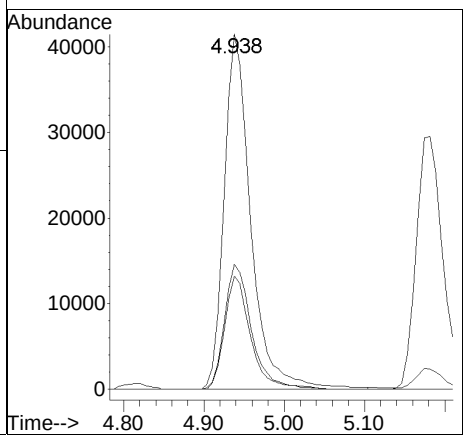


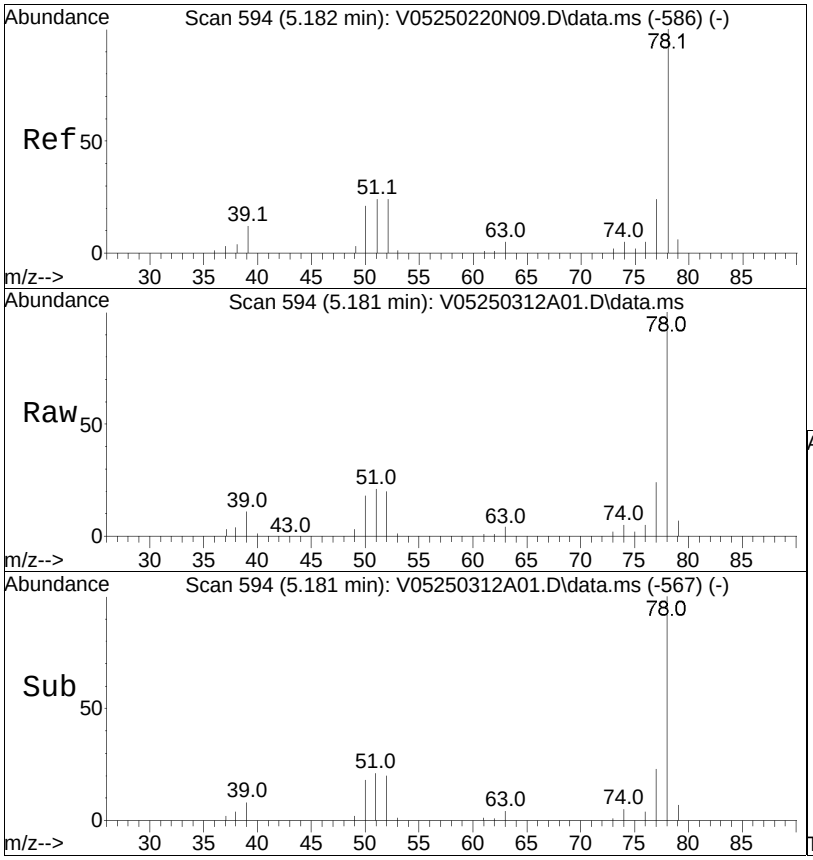


#40
1,1-Dichloropropene
Concen: 9.46 ug/L
RT: 4.938 min Scan# 561
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 75 Resp: 102910

Ion	Ratio	Lower	Upper
75	100		
110	36.2	24.6	51.0
77	31.4	20.5	42.7

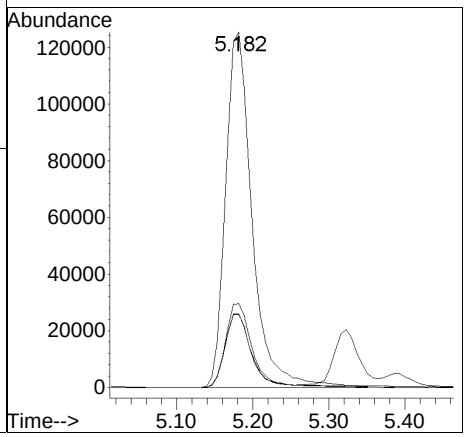


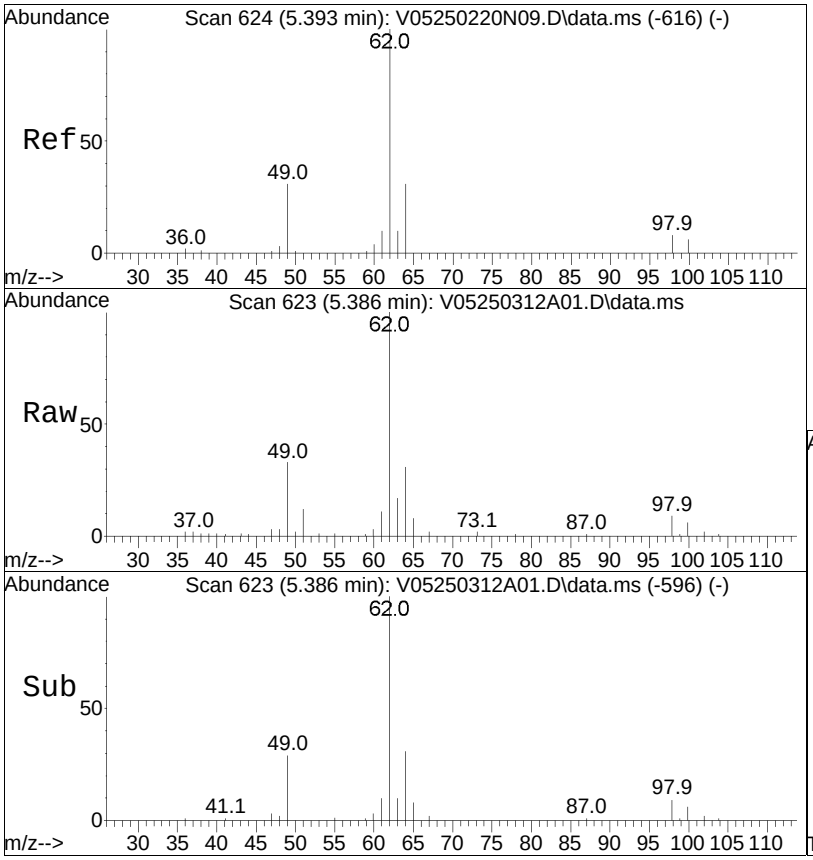


#41
Benzene
Concen: 10.38 ug/L
RT: 5.181 min Scan# 594
Delta R.T. -0.001 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 78 Resp: 304742

Ion	Ratio	Lower	Upper
78	100		
77	23.9	15.5	32.3
51	20.3	15.1	31.5
52	20.3	15.3	31.7

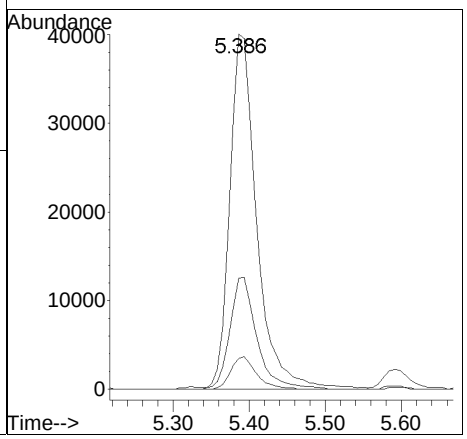


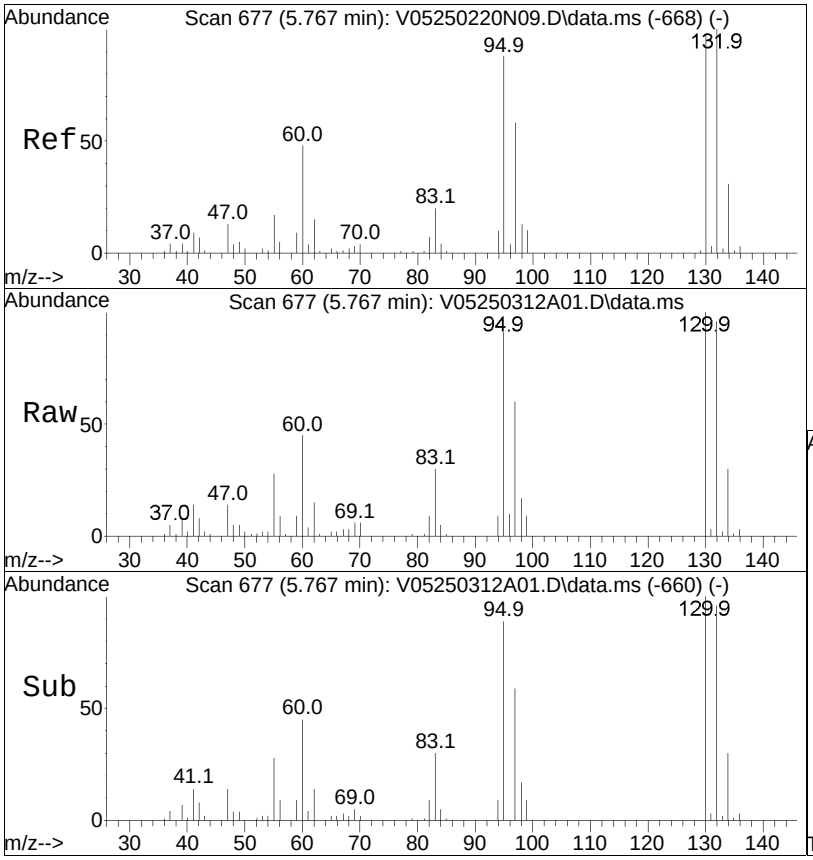


#44
1,2-Dichloroethane
Concen: 9.04 ug/L
RT: 5.386 min Scan# 623
Delta R.T. -0.007 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 62 Resp: 99295

Ion	Ratio	Lower	Upper
62	100		
64	31.5	11.3	51.3
98	8.8	0.0	27.9

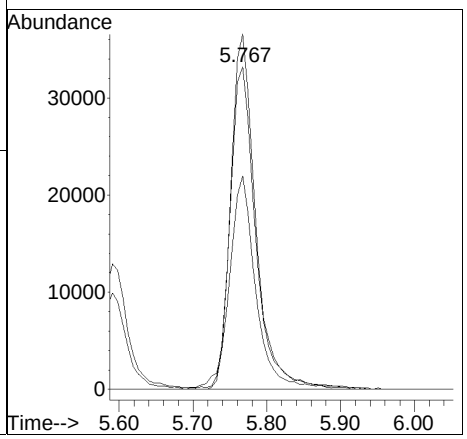


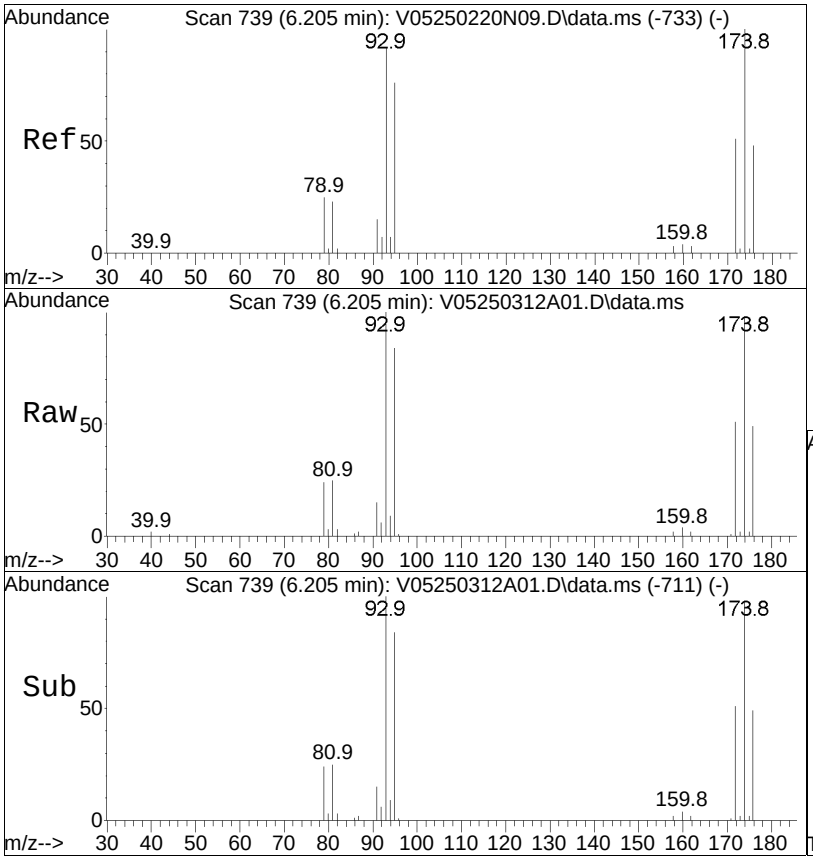


#48
Trichloroethene
Concen: 9.69 ug/L
RT: 5.767 min Scan# 677
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 95 Resp: 81243

Ion	Ratio	Lower	Upper
95	100		
97	67.2	55.8	83.8
130	106.8	90.5	135.7

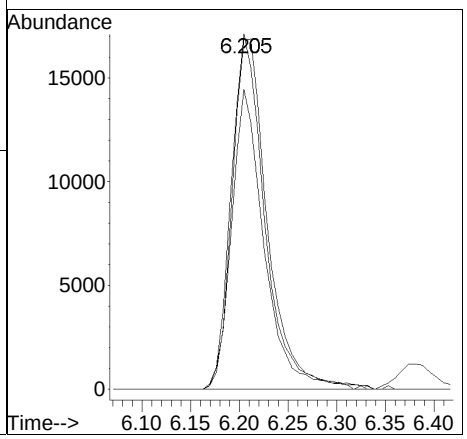


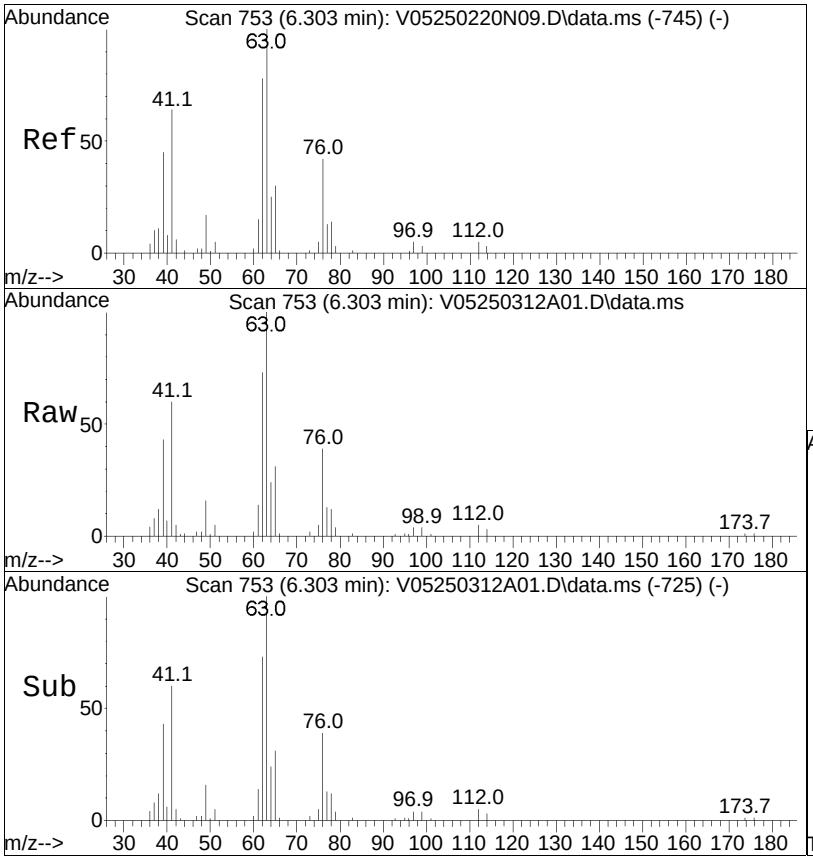


#50
Dibromomethane
Concen: 9.64 ug/L
RT: 6.205 min Scan# 739
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 93 Resp: 41144

Ion	Ratio	Lower	Upper
93	100		
95	82.8	65.6	98.4
174	104.1	88.2	132.2

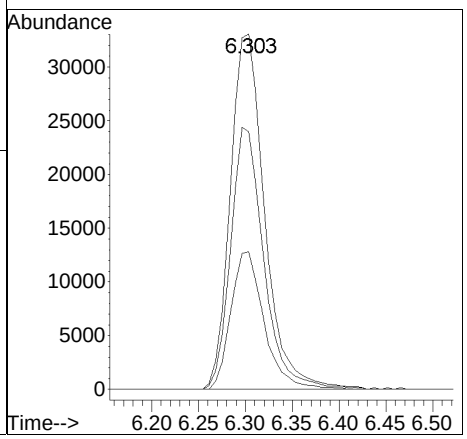


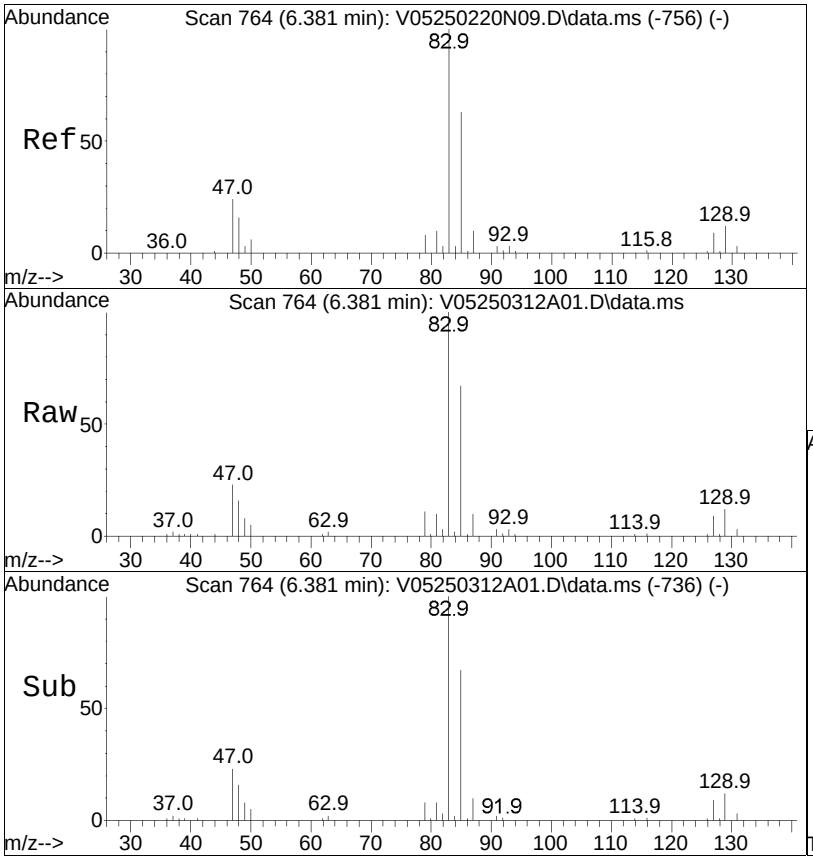


#51
1,2-Dichloropropane
Concen: 9.45 ug/L
RT: 6.303 min Scan# 753
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 63 Resp: 84579

Ion	Ratio	Lower	Upper
63	100		
62	71.1	59.3	88.9
76	37.5	31.2	46.8

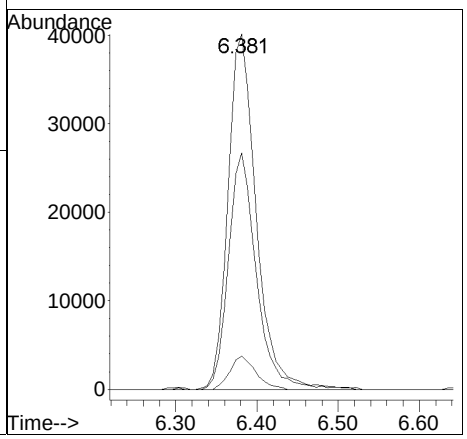


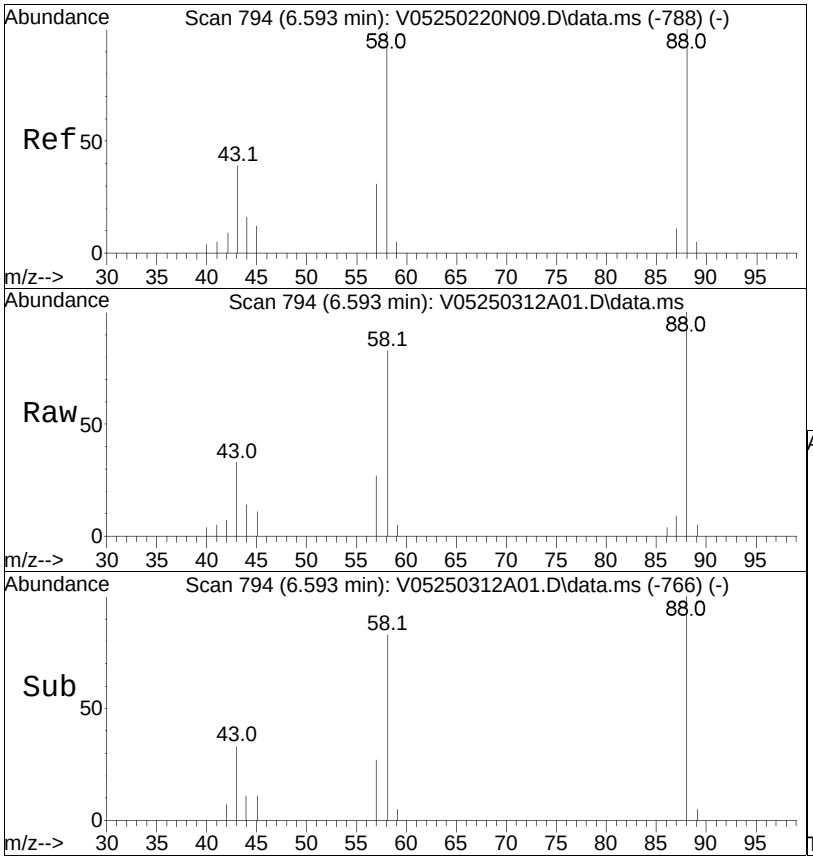


#54
Bromodichloromethane
Concen: 9.26 ug/L
RT: 6.381 min Scan# 764
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 83 Resp: 97260

Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.2	76.8
127	8.6	7.4	11.0

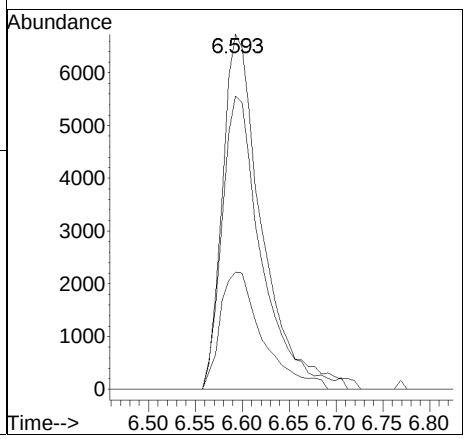


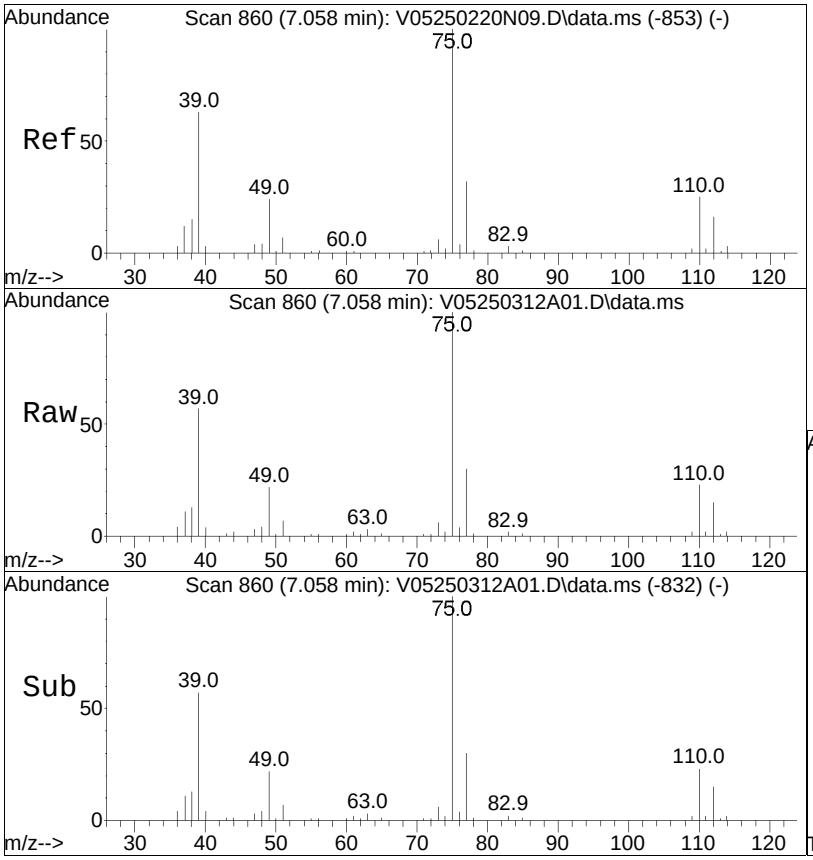


#57
1,4-Dioxane
Concen: 532.16 ug/L
RT: 6.593 min Scan# 794
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 88 Resp: 19817

Ion	Ratio	Lower	Upper
88	100		
58	82.6	77.2	115.8
43	35.3	30.3	45.5

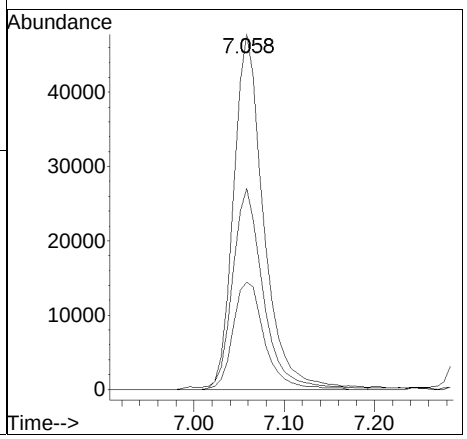


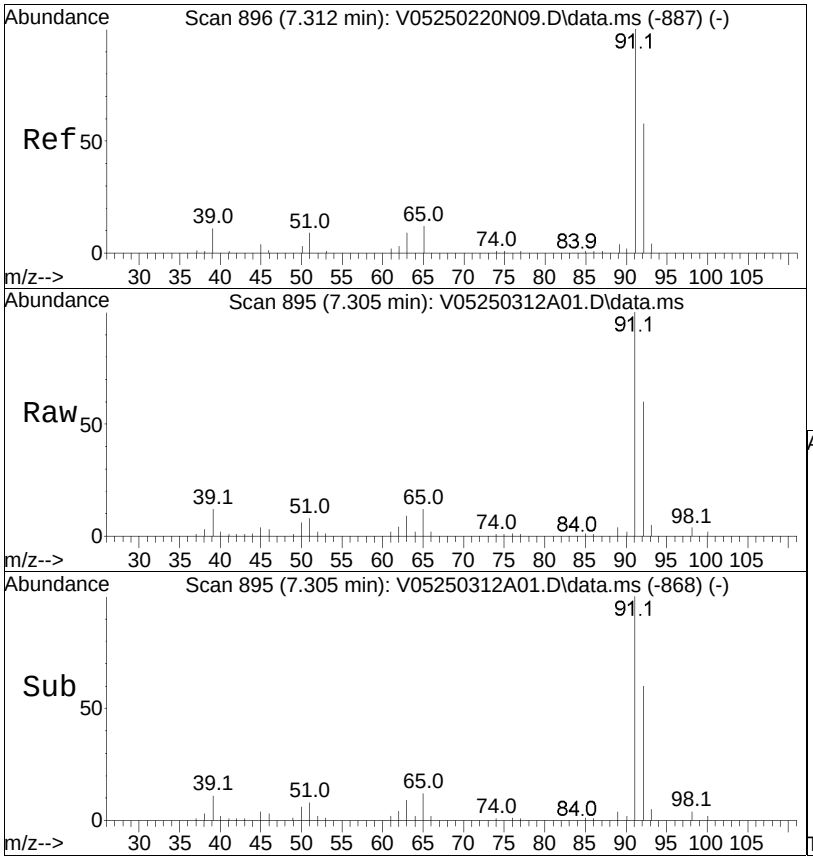


#58
cis-1,3-Dichloropropene
Concen: 9.39 ug/L
RT: 7.058 min Scan# 860
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 75 Resp: 110929

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.7	38.5
39	58.0	50.7	76.1

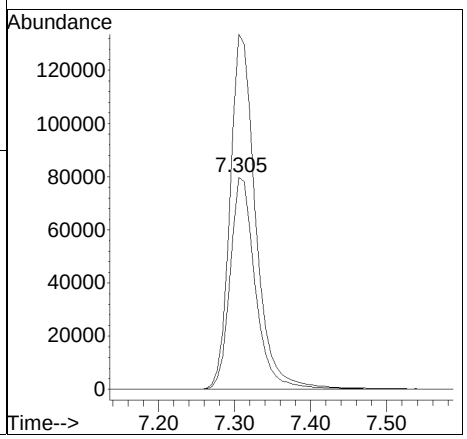


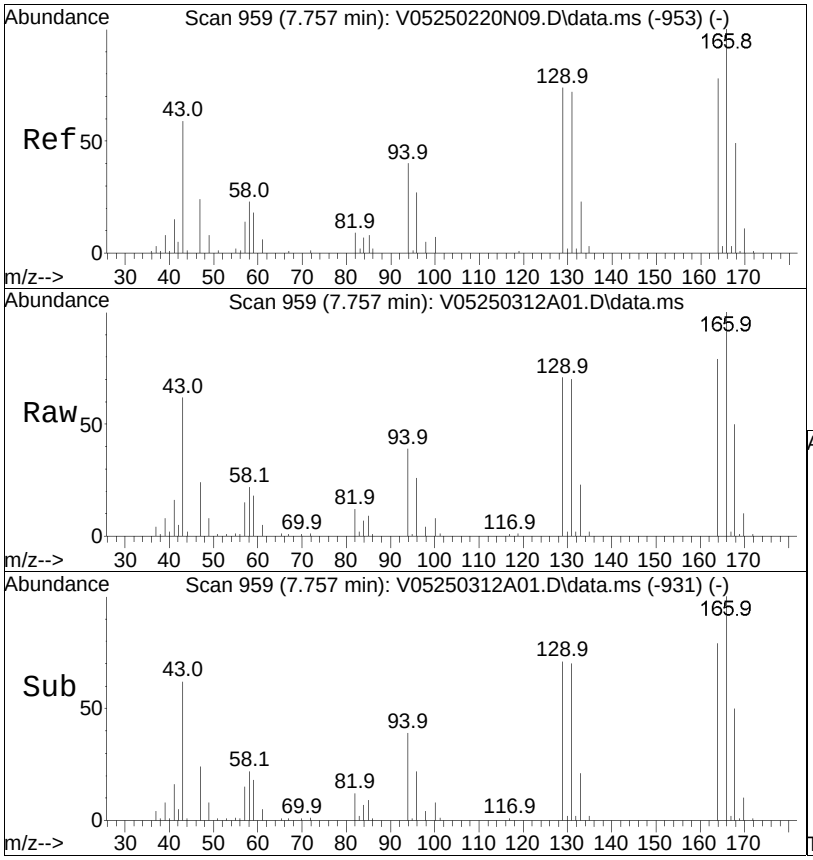


#61
Toluene
Concen: 9.66 ug/L
RT: 7.305 min Scan# 895
Delta R.T. -0.007 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 92 Resp: 184442

Ion	Ratio	Lower	Upper
92	100		
91	169.4	136.2	204.4

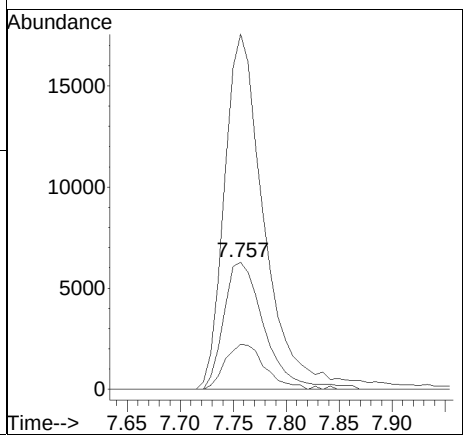


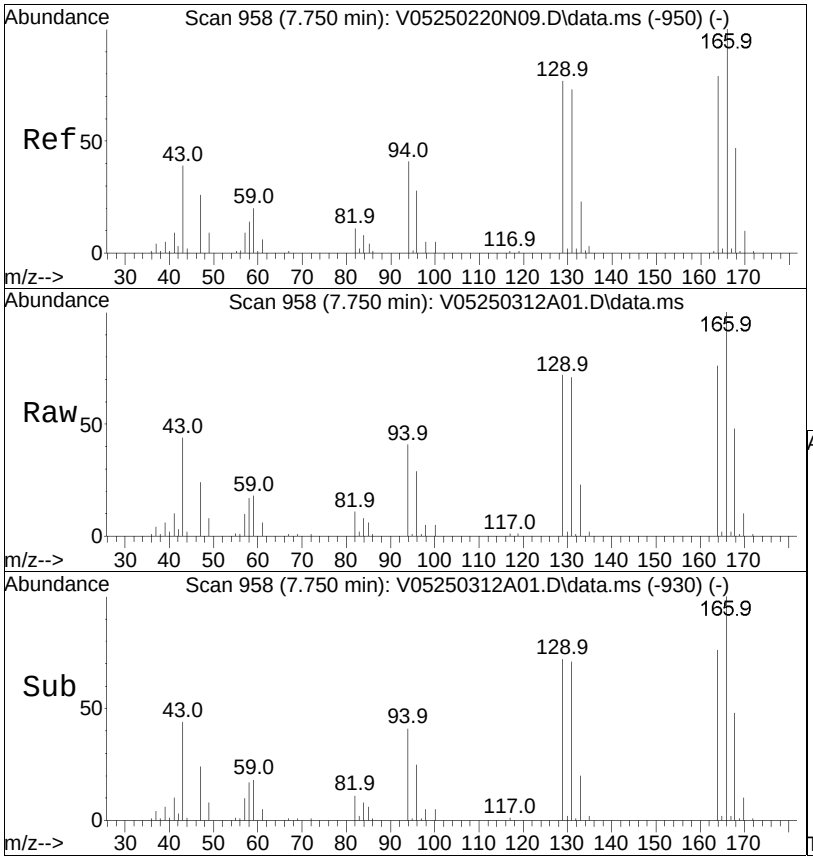


#62
4-Methyl-2-pentanone
Concen: 8.65 ug/L
RT: 7.757 min Scan# 959
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 58 Resp: 16853

Ion	Ratio	Lower	Upper
58	100		
100	34.7	24.5	36.7
43	278.3	217.7	326.5

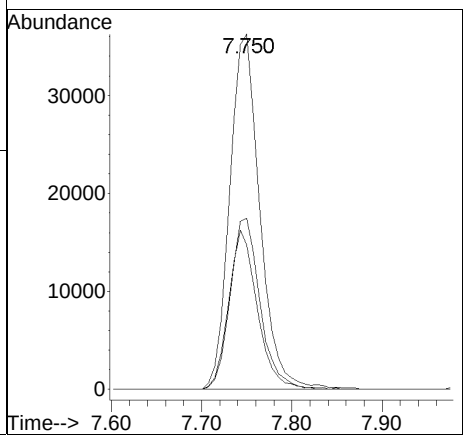


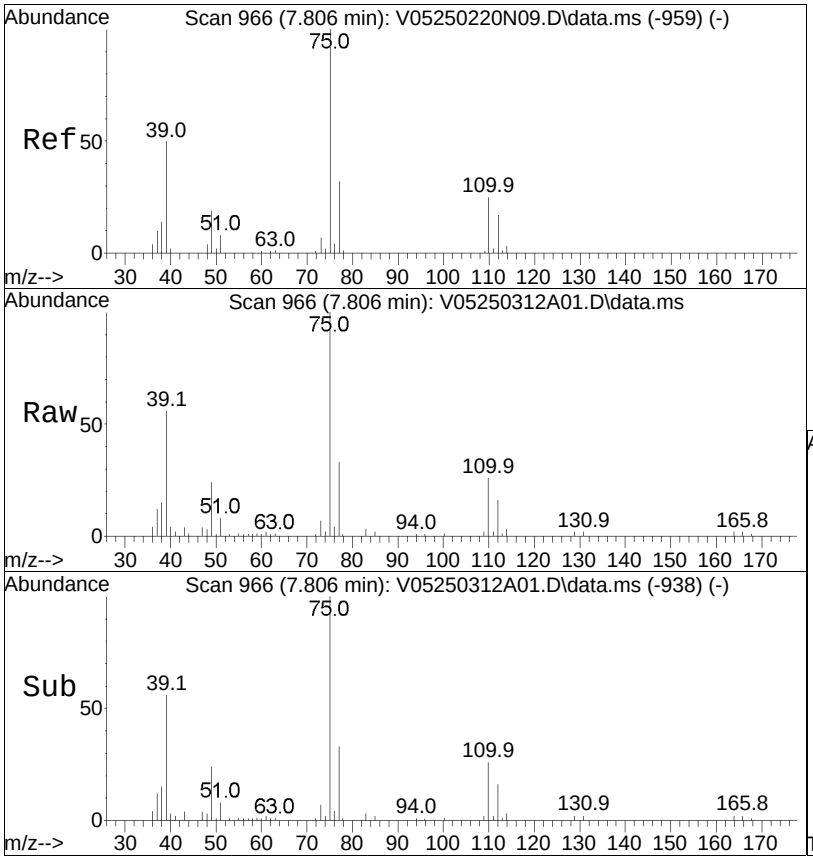


#63
Tetrachloroethene
Concen: 9.21 ug/L
RT: 7.750 min Scan# 958
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:166 Resp: 84410

Ion	Ratio	Lower	Upper
166	100		
168	47.8	26.3	66.3
94	42.5	23.0	63.0

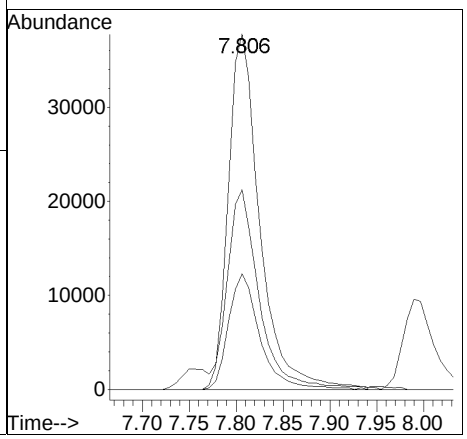


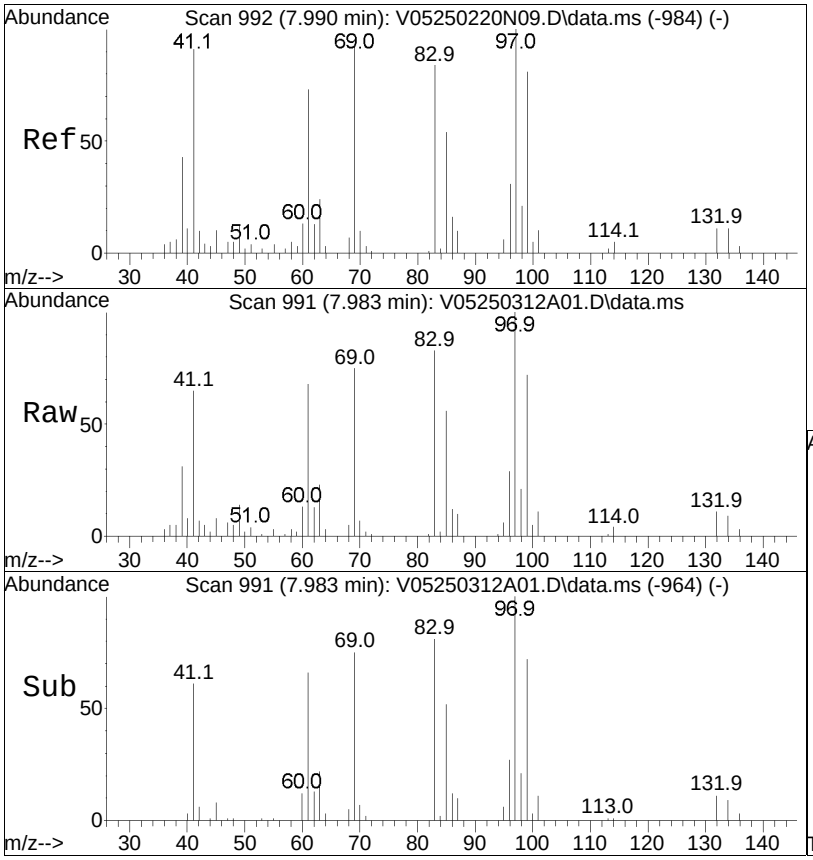


#65
trans-1,3-Dichloropropene
Concen: 9.27 ug/L
RT: 7.806 min Scan# 966
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 75 Resp: 88640

Ion	Ratio	Lower	Upper
75	100		
77	32.3	11.5	51.5
39	56.8	40.7	80.7

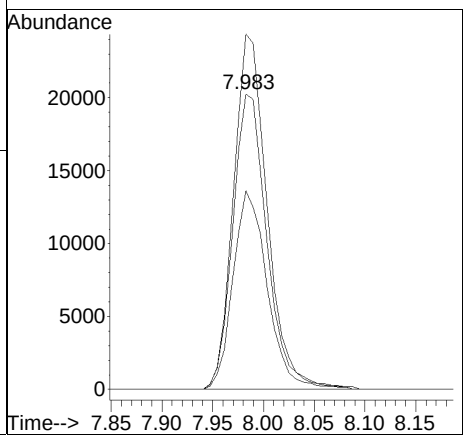


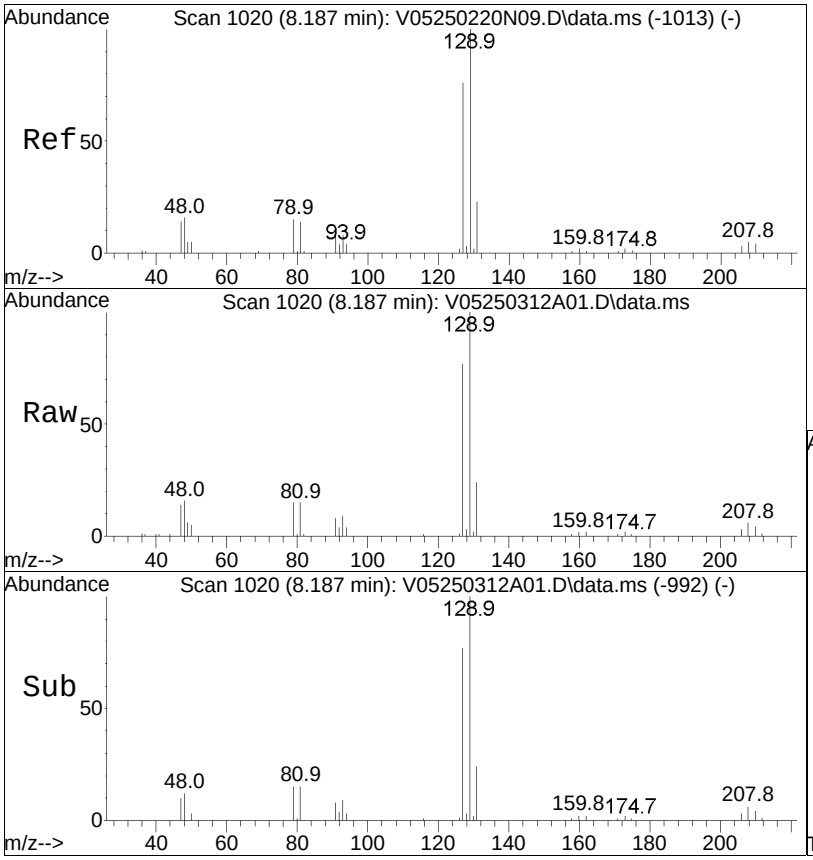


#68
1,1,2-Trichloroethane
Concen: 10.12 ug/L
RT: 7.983 min Scan# 991
Delta R.T. -0.007 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 83 Resp: 47568

Ion	Ratio	Lower	Upper
83	100		
97	118.4	100.2	140.2
85	67.6	45.5	85.5

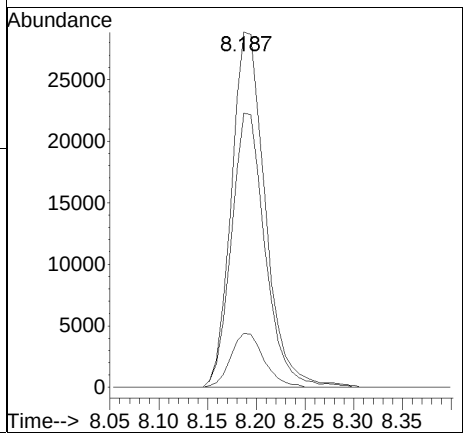


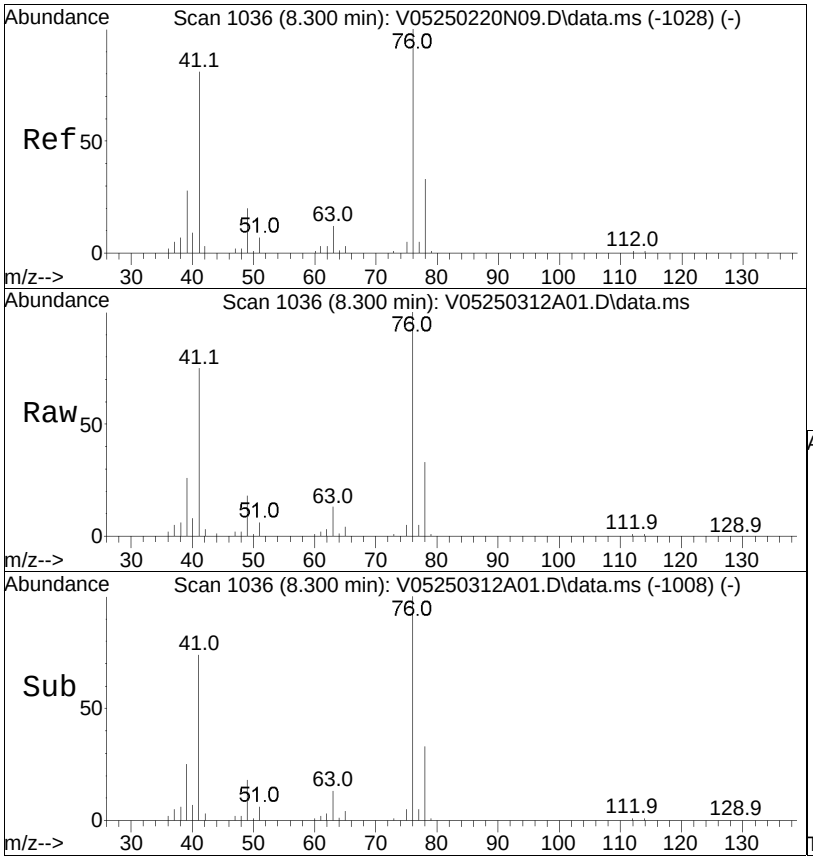


#69
Chlorodibromomethane
Concen: 9.15 ug/L
RT: 8.187 min Scan# 1020
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:129 Resp: 69829

Ion	Ratio	Lower	Upper
129	100		
81	15.1	0.0	34.3
127	77.1	56.7	96.7

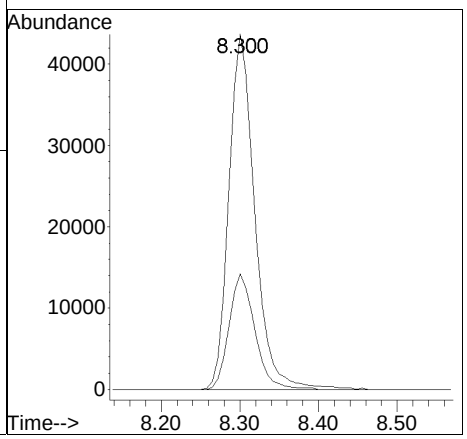


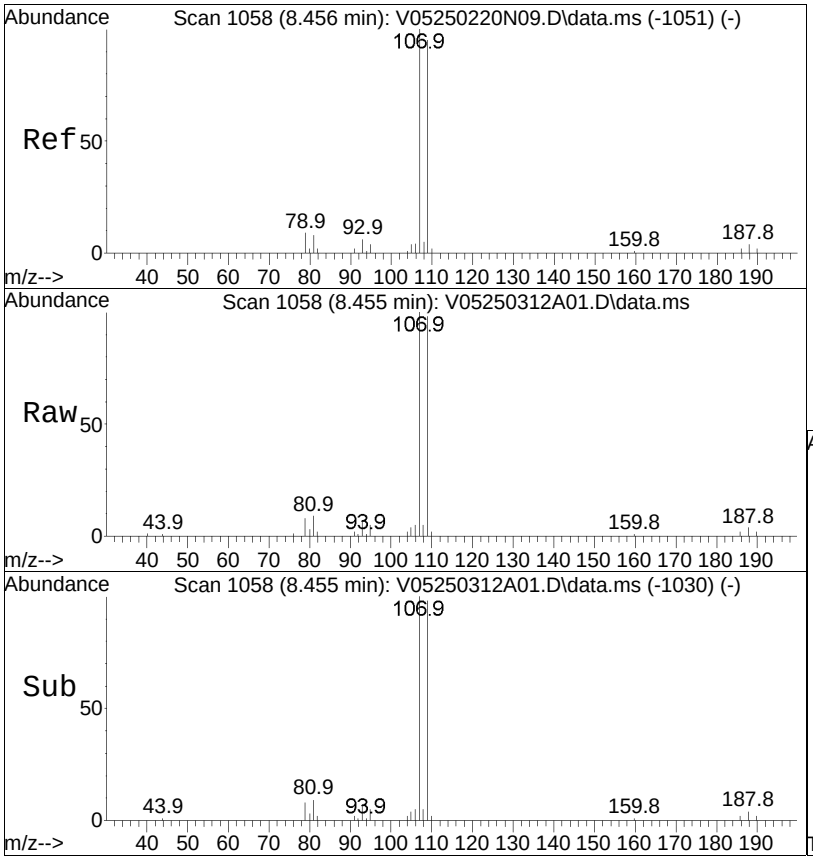


#70
1,3-Dichloropropane
Concen: 10.16 ug/L
RT: 8.300 min Scan# 1036
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 76 Resp: 100337

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.4	38.2

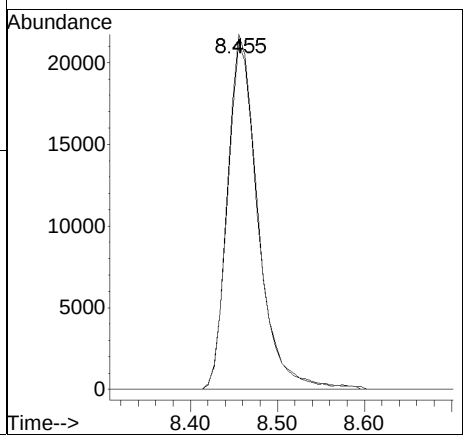


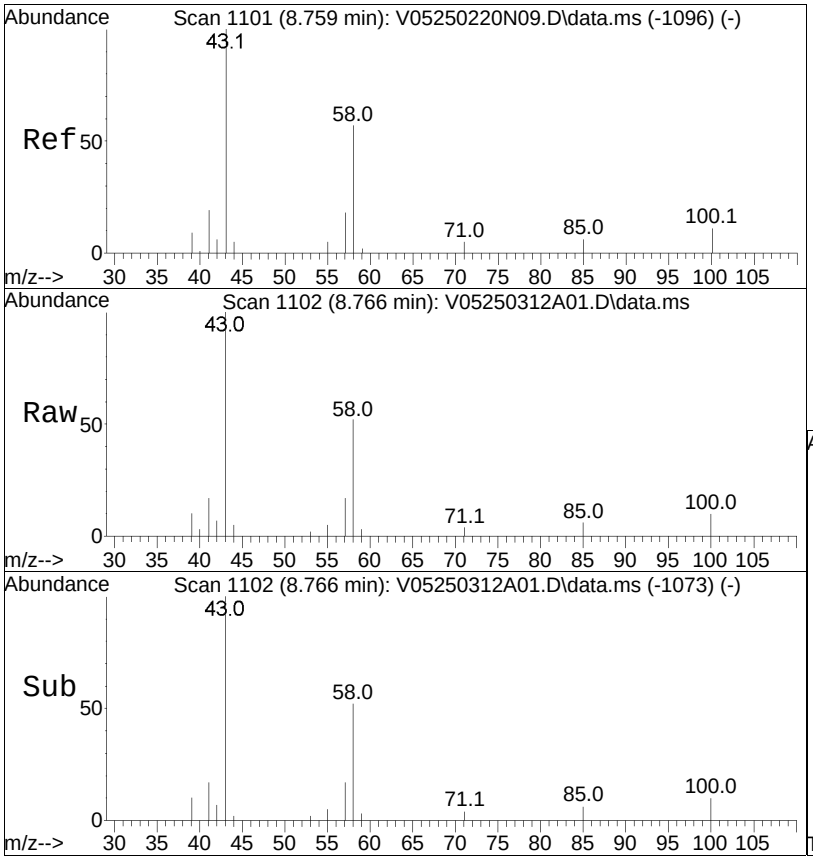


#71
1,2-Dibromoethane
Concen: 9.48 ug/L
RT: 8.455 min Scan# 1058
Delta R.T. -0.001 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:107 Resp: 53477

Ion	Ratio	Lower	Upper
107	100		
109	98.0	77.0	115.4

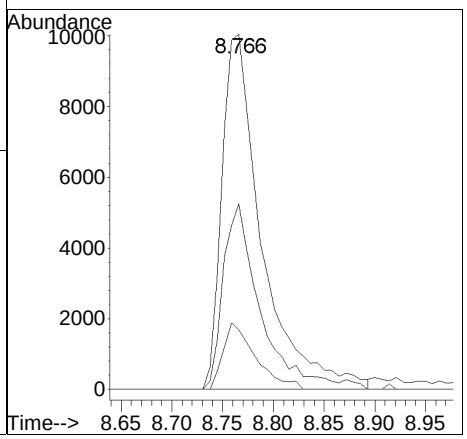


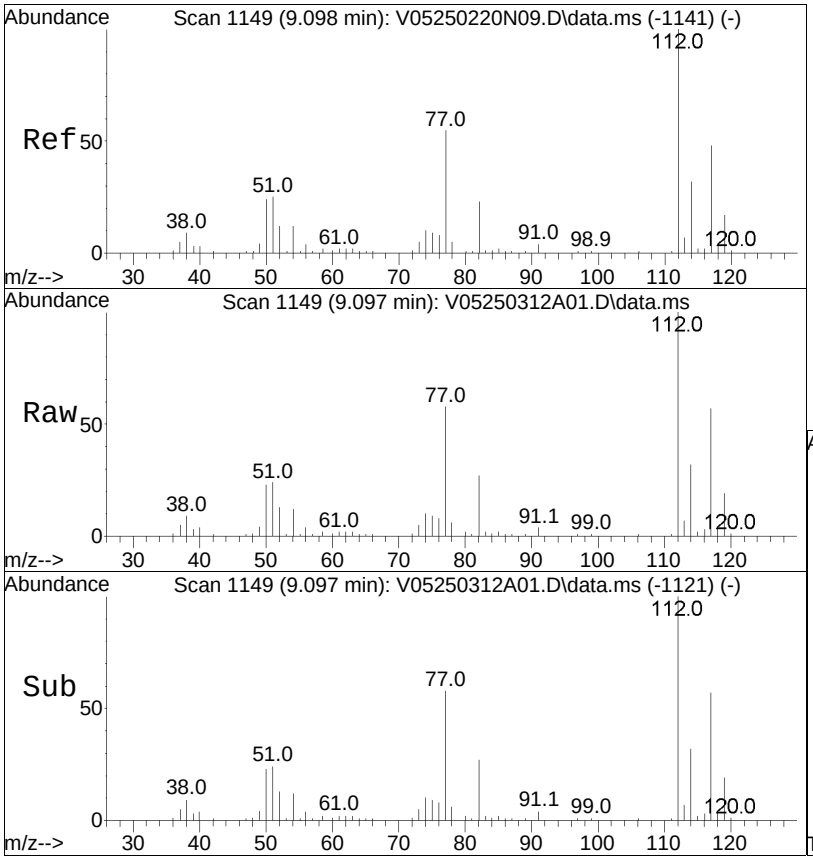


#72
2-Hexanone
Concen: 8.63 ug/L
RT: 8.766 min Scan# 1102
Delta R.T. 0.007 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 43 Resp: 27440

Ion	Ratio	Lower	Upper
43	100		
58	48.2	39.7	59.5
57	15.4	12.2	18.4

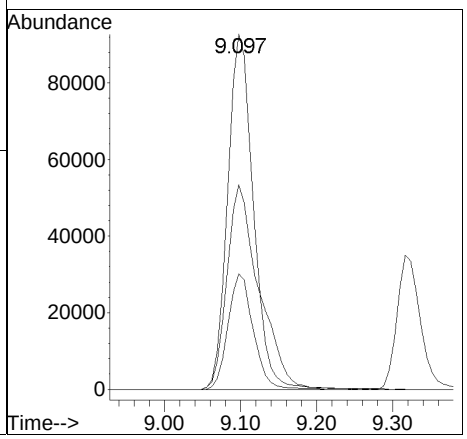


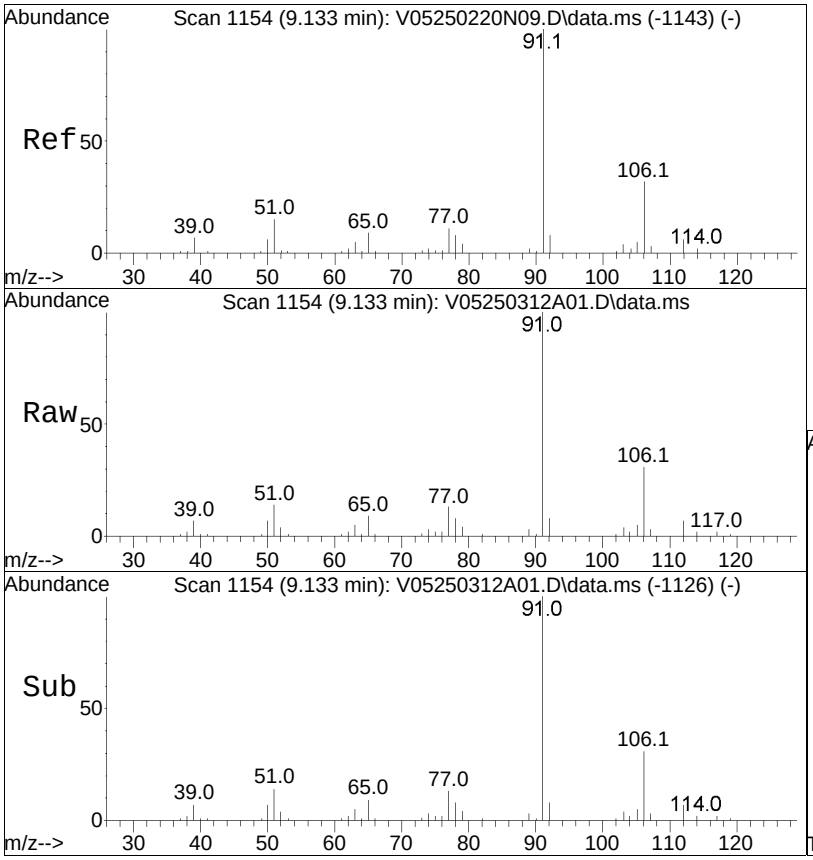


#73
Chlorobenzene
Concen: 9.56 ug/L
RT: 9.097 min Scan# 1149
Delta R.T. -0.001 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:112 Resp: 217929

Ion	Ratio	Lower	Upper
112	100		
77	71.9	54.2	81.2
114	31.8	25.3	37.9

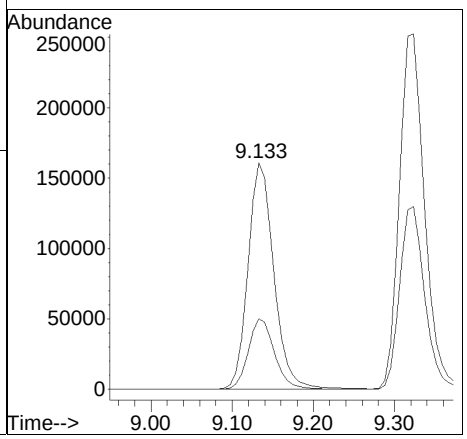


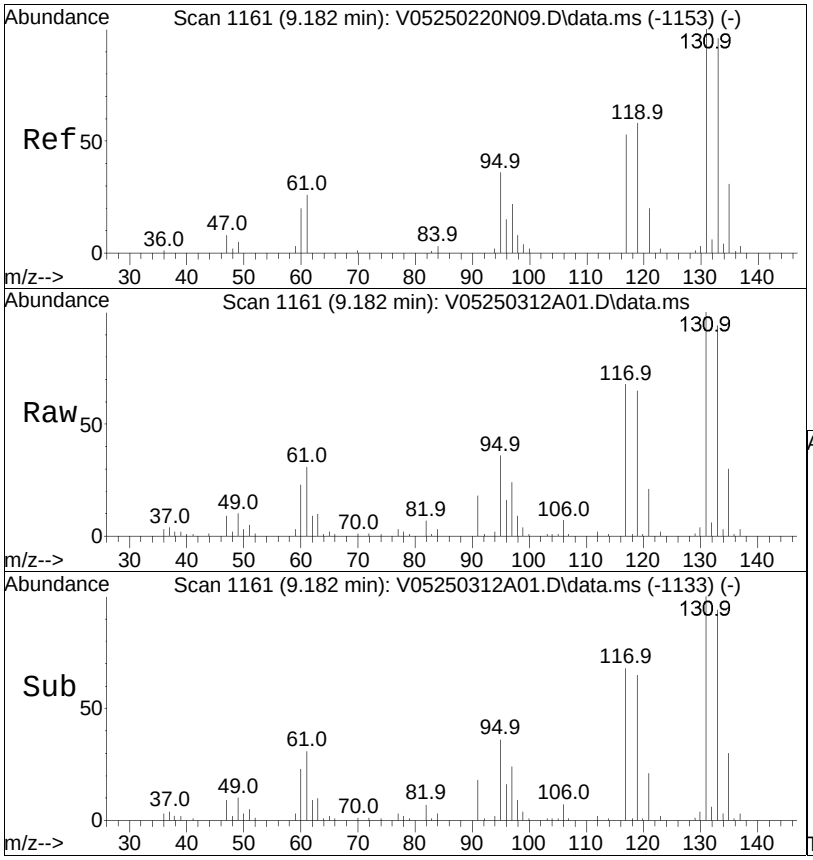


#74
Ethylbenzene
Concen: 9.73 ug/L
RT: 9.133 min Scan# 1154
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 91 Resp: 357465

Ion	Ratio	Lower	Upper
91	100		
106	31.6	26.0	39.0

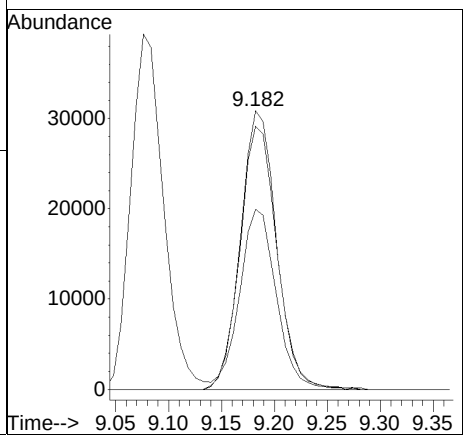


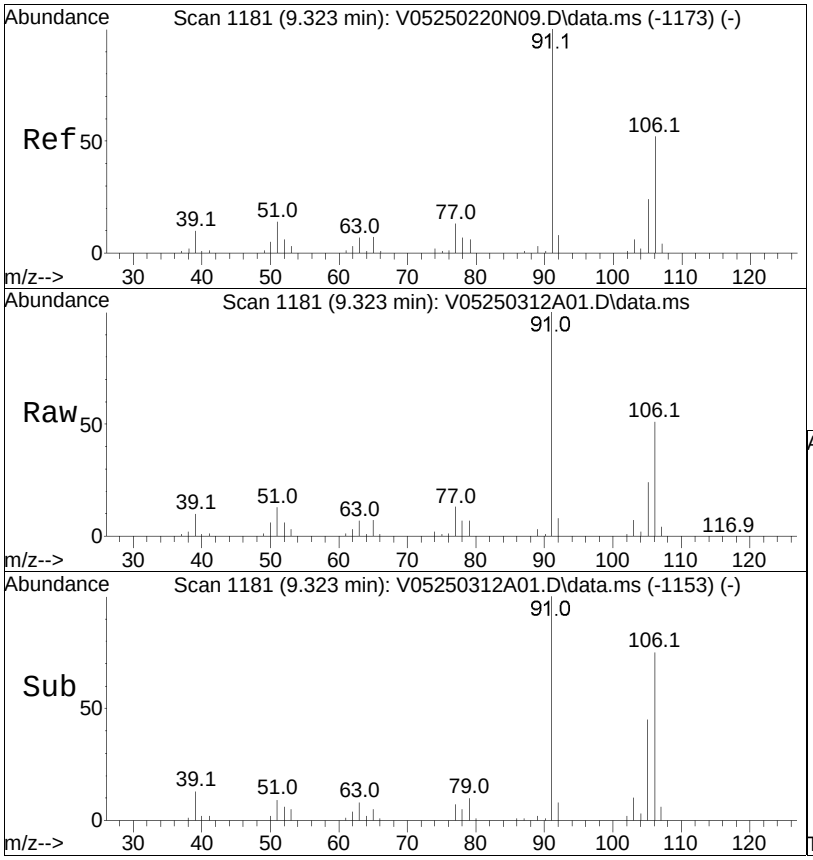


#75
1,1,1,2-Tetrachloroethane
Concen: 8.89 ug/L
RT: 9.182 min Scan# 1161
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:131 Resp: 73268

Ion	Ratio	Lower	Upper
131	100		
133	96.3	75.1	115.1
119	64.1	43.2	83.2

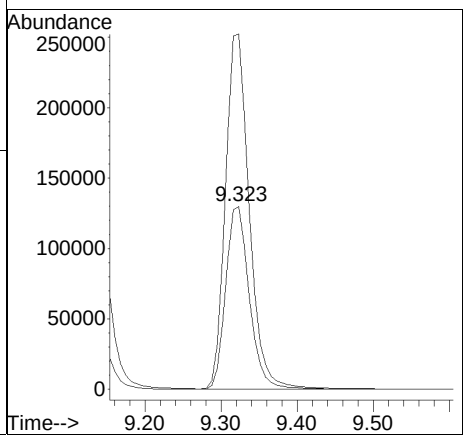


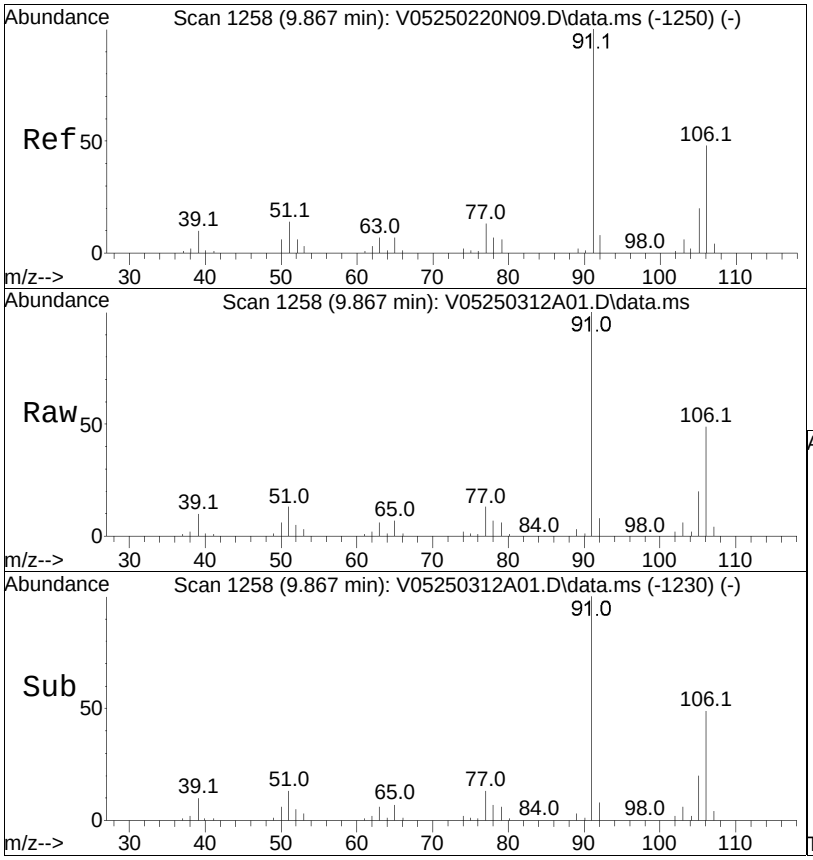


#76
p/m Xylene
Concen: 19.83 ug/L
RT: 9.323 min Scan# 1181
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:106 Resp: 282137

Ion	Ratio	Lower	Upper
106	100		
91	193.2	155.3	232.9

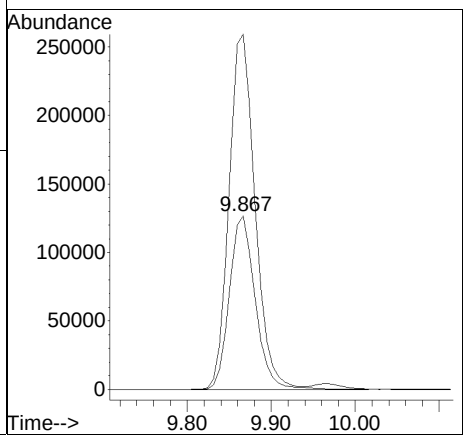


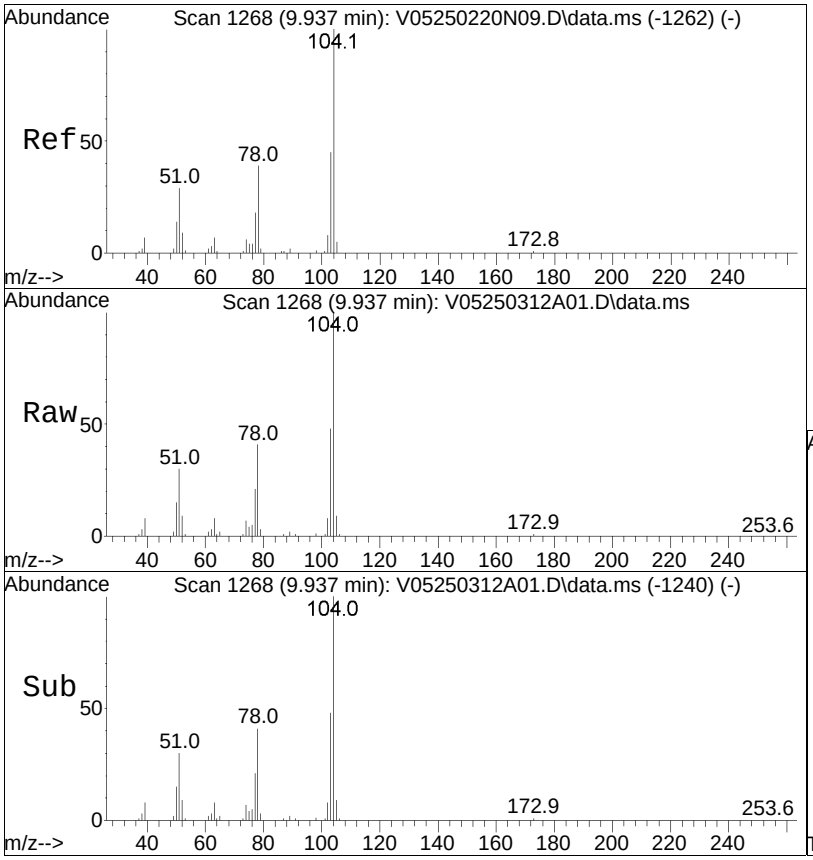


#77
o Xylene
Concen: 19.84 ug/L
RT: 9.867 min Scan# 1258
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:106 Resp: 270445

Ion	Ratio	Lower	Upper
106	100		
91	205.6	163.8	245.6

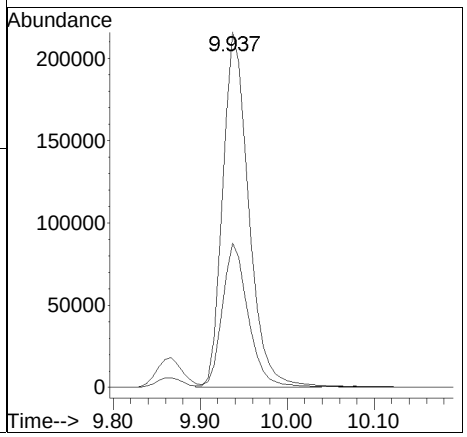


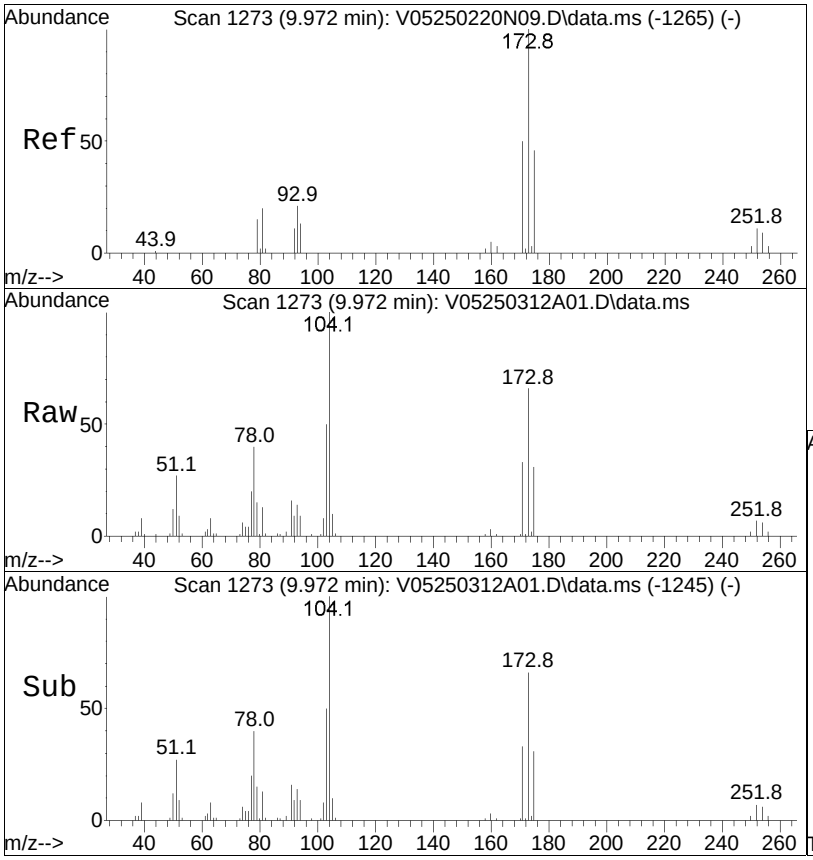


#78
Styrene
Concen: 20.29 ug/L
RT: 9.937 min Scan# 1268
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:104 Resp: 447266

Ion	Ratio	Lower	Upper
104	100		
78	40.5	31.8	47.6

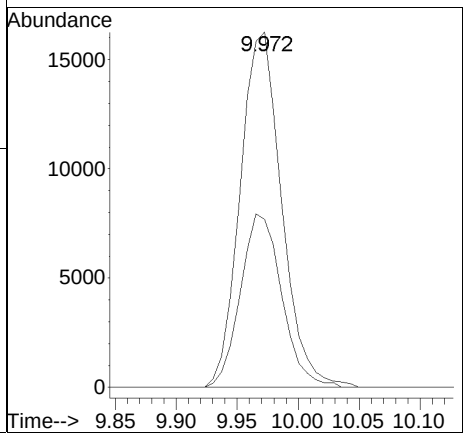


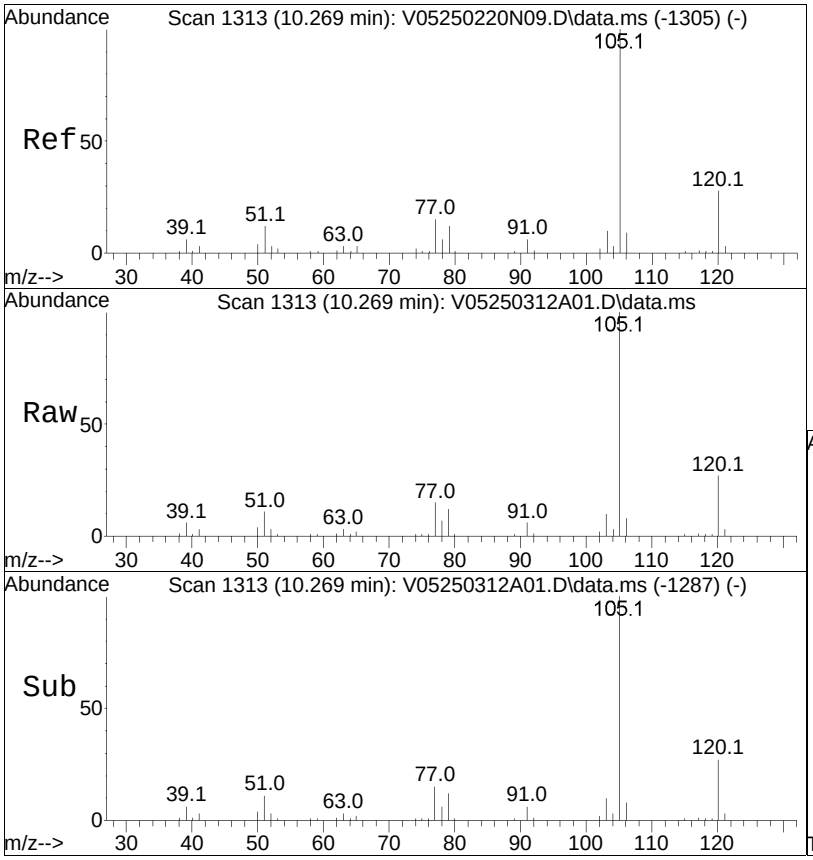


#80
Bromoform
Concen: 8.32 ug/L
RT: 9.972 min Scan# 1273
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:173 Resp: 38525

Ion	Ratio	Lower	Upper
173	100		
175	48.7	27.6	67.6

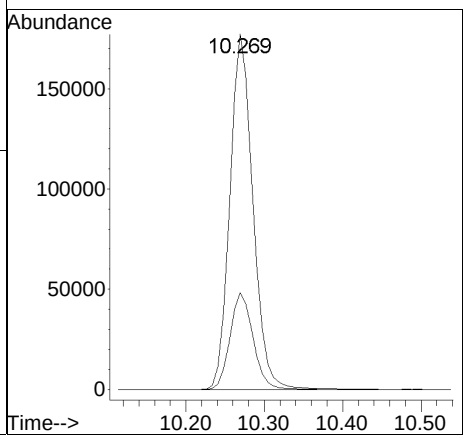


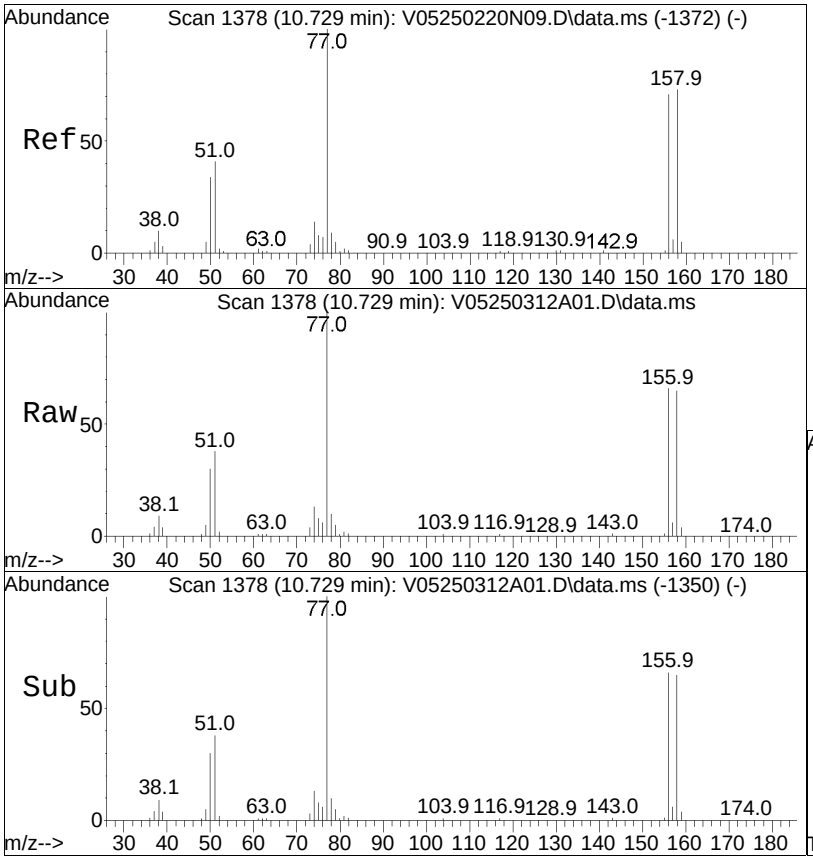


#82
Isopropylbenzene
Concen: 10.03 ug/L
RT: 10.269 min Scan# 1313
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:105 Resp: 361620

Ion	Ratio	Lower	Upper
105	100		
120	27.2	7.1	47.1

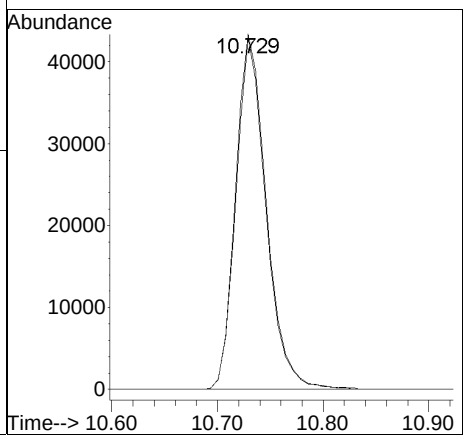


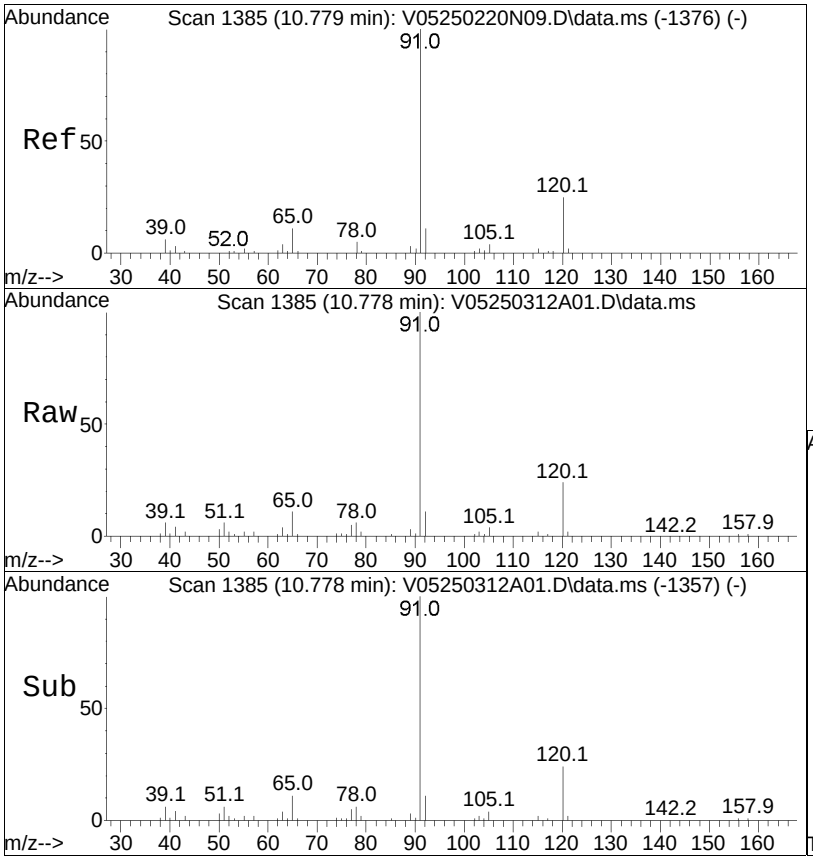


#84
Bromobenzene
Concen: 9.86 ug/L
RT: 10.729 min Scan# 1378
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:156 Resp: 88011

Ion	Ratio	Lower	Upper
156	100		
158	96.1	79.4	119.2

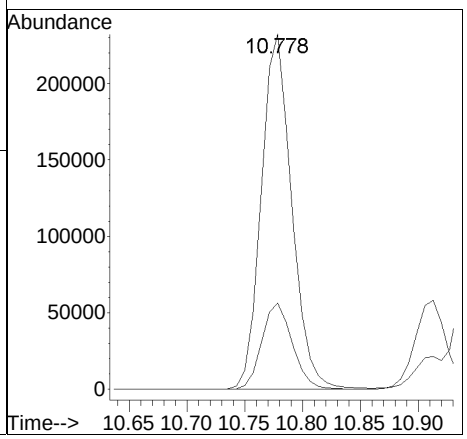


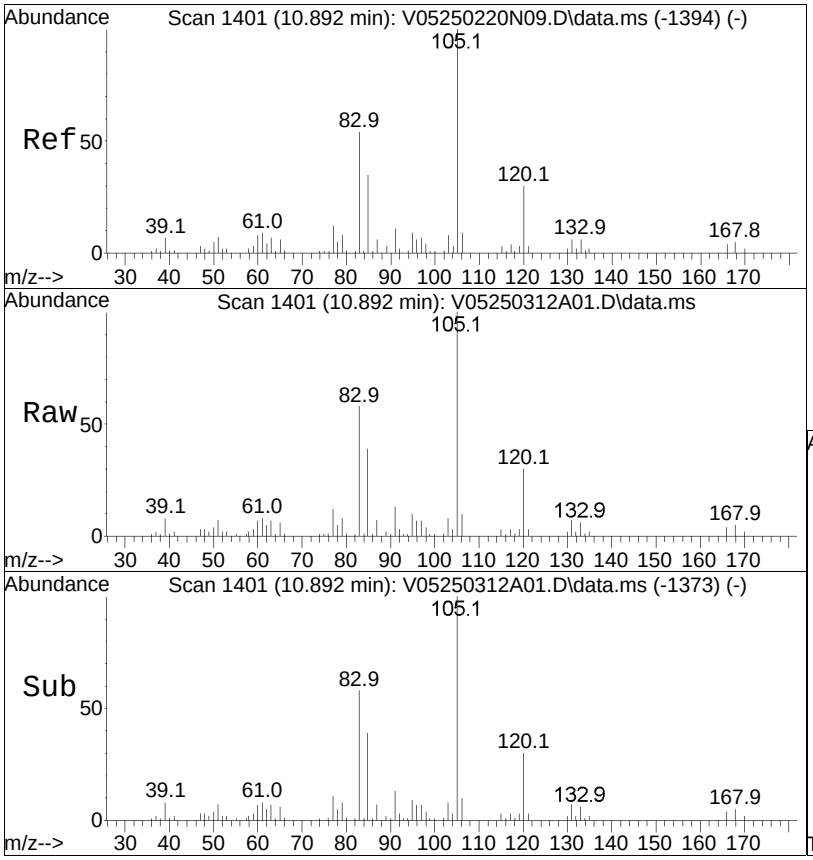


#85
n-Propylbenzene
Concen: 10.22 ug/L
RT: 10.778 min Scan# 1385
Delta R.T. -0.001 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 91 Resp: 425491

Ion	Ratio	Lower	Upper
91	100		
120	24.4	19.9	29.9

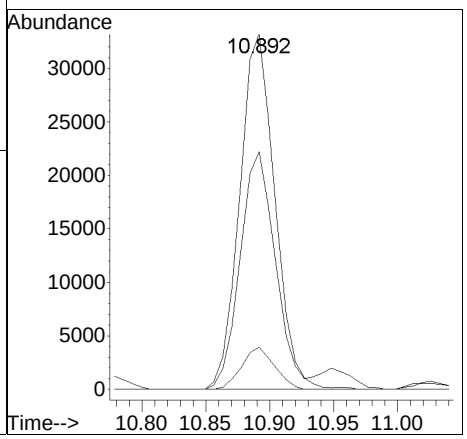


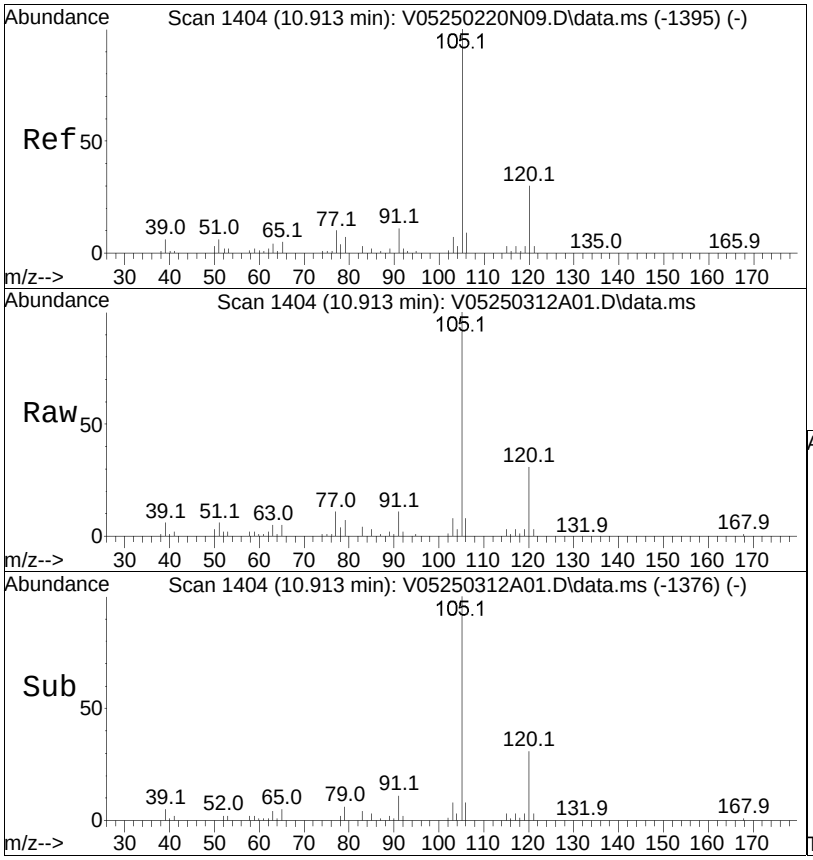


#87
1,1,2,2-Tetrachloroethane
Concen: 10.25 ug/L
RT: 10.892 min Scan# 1401
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 83 Resp: 63577

Ion	Ratio	Lower	Upper
83	100		
131	11.1	0.0	31.6
85	67.6	44.6	84.6

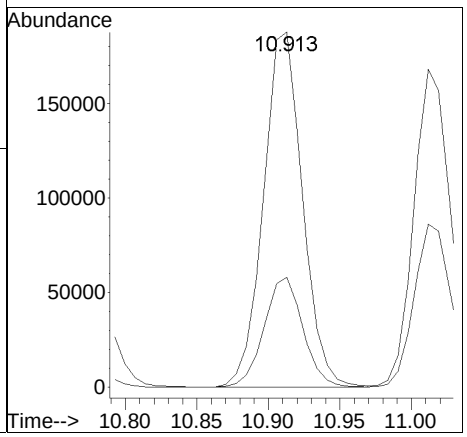


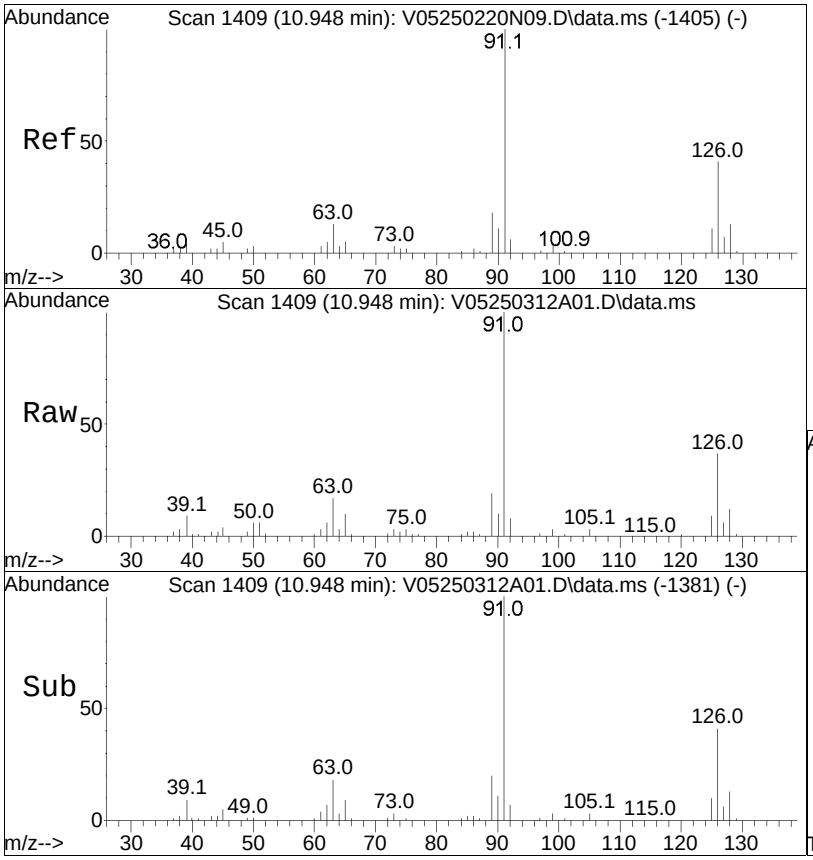


#88
4-Ethyltoluene
Concen: 10.08 ug/L
RT: 10.913 min Scan# 1404
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:105 Resp: 357244

Ion	Ratio	Lower	Upper
105	100		
120	30.6	20.0	41.6

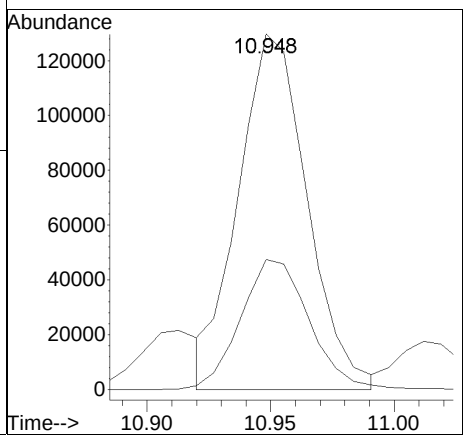


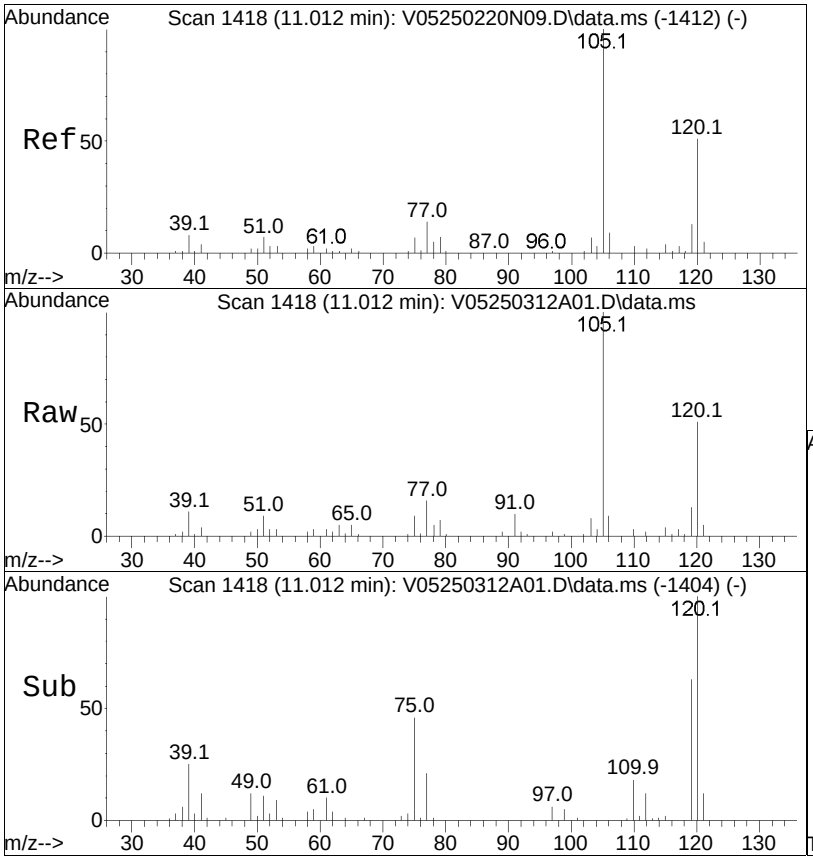


#89
2-Chlorotoluene
Concen: 10.15 ug/L M6
RT: 10.948 min Scan# 1409
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 91 Resp: 251103

Ion	Ratio	Lower	Upper
91	100		
126	36.4	29.9	44.9

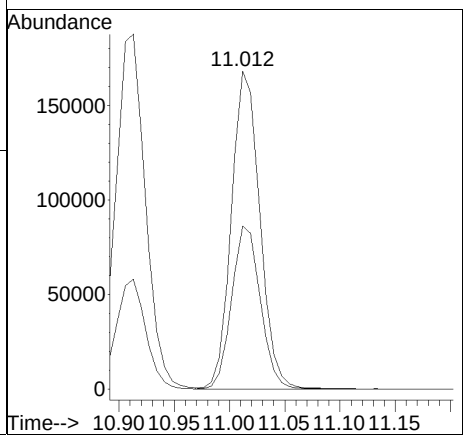


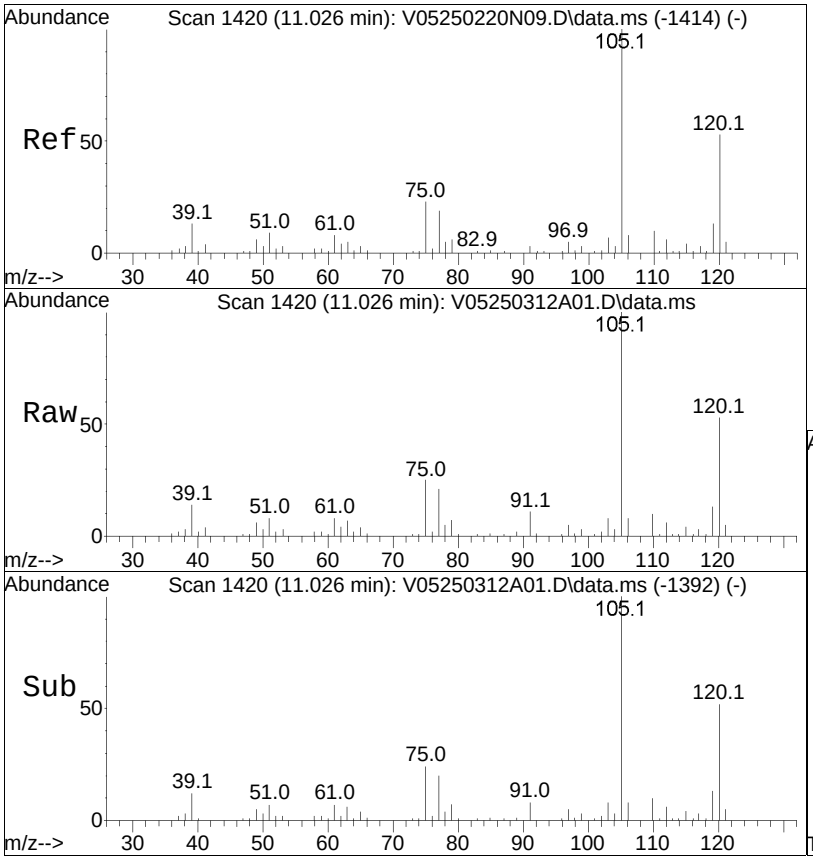


#90
1,3,5-Trimethylbenzene
Concen: 9.67 ug/L
RT: 11.012 min Scan# 1418
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:105 Resp: 300692

Ion	Ratio	Lower	Upper
105	100		
120	52.3	40.6	60.8

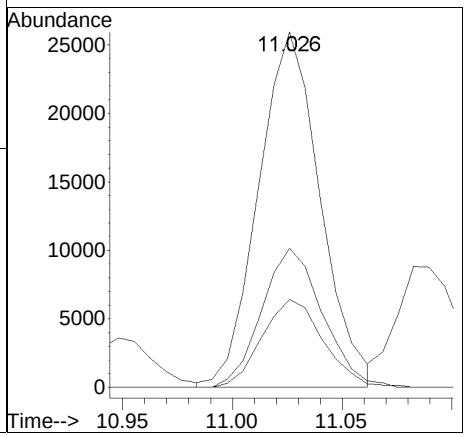


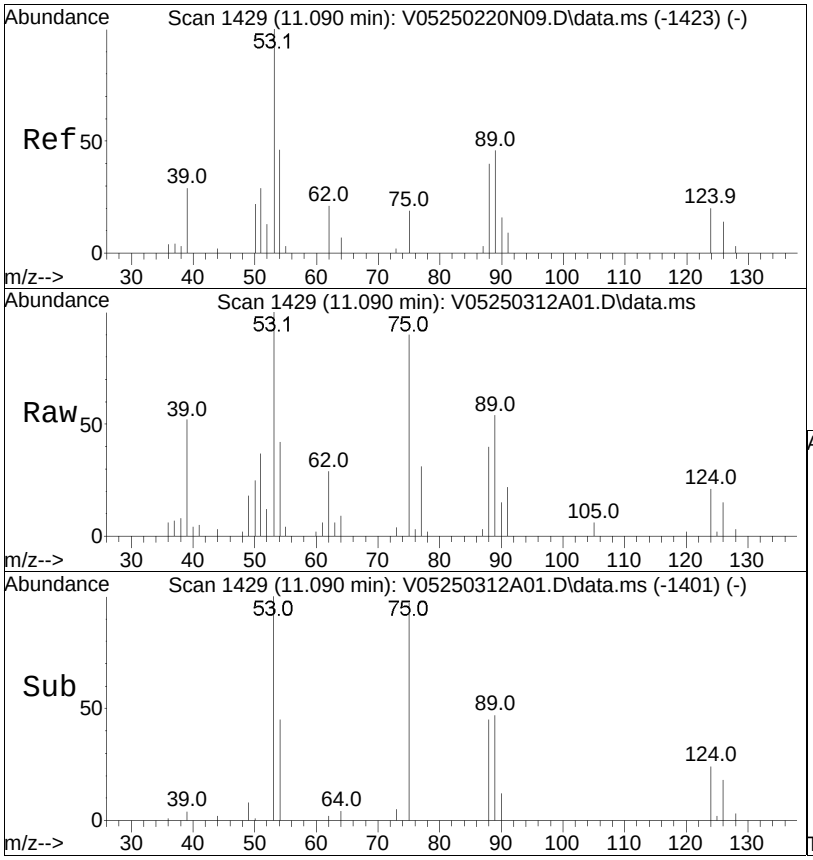


#91
1,2,3-Trichloropropane
Concen: 10.31 ug/L M1
RT: 11.026 min Scan# 1420
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 75 Resp: 50731

Ion	Ratio	Lower	Upper
75	100		
110	38.5	25.9	53.9
112	24.7	17.9	37.3

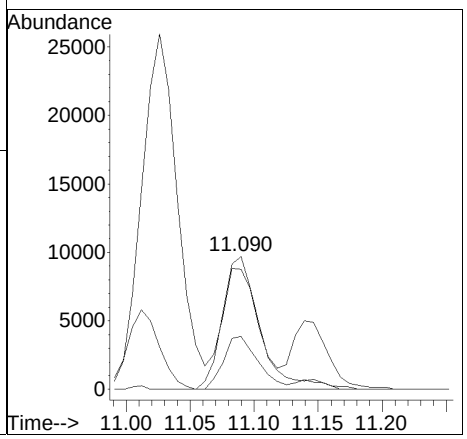


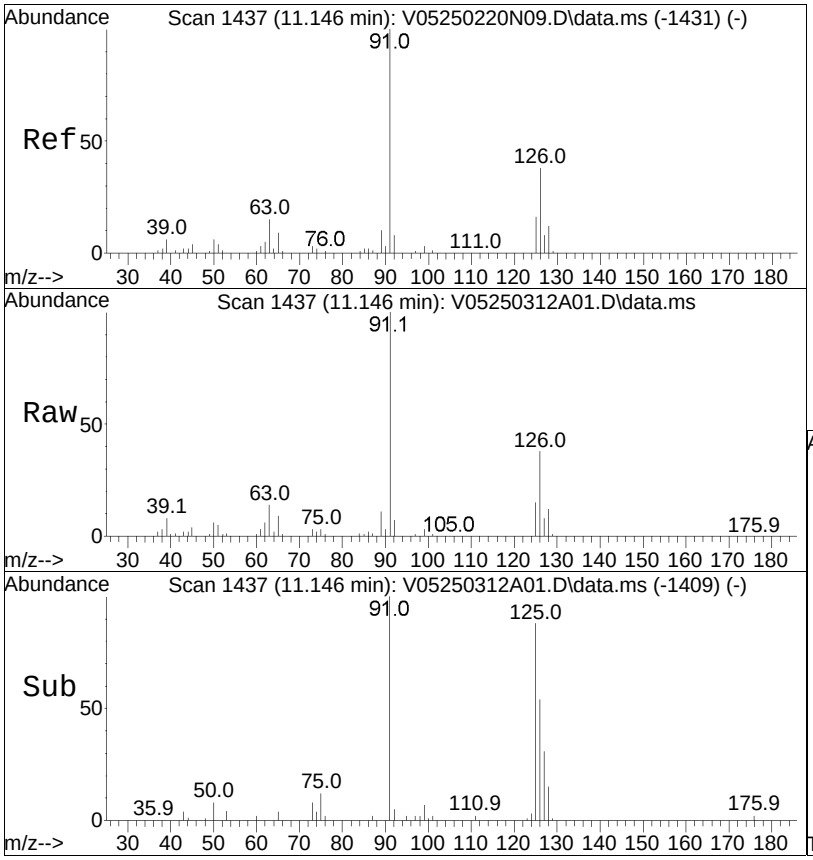


#92
trans-1,4-Dichloro-2-butene
Concen: 9.09 ug/L
RT: 11.090 min Scan# 1429
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 53 Resp: 19988

Ion	Ratio	Lower	Upper
53	100		
88	36.5	28.3	42.5
75	85.2	58.4	87.6

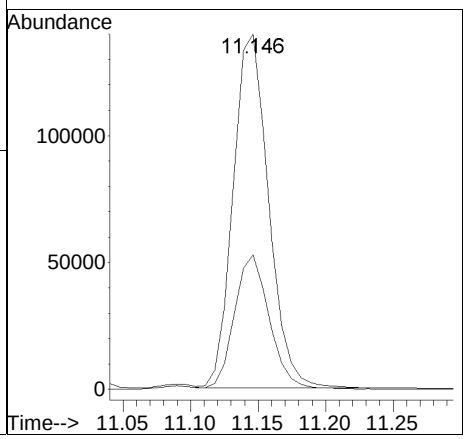


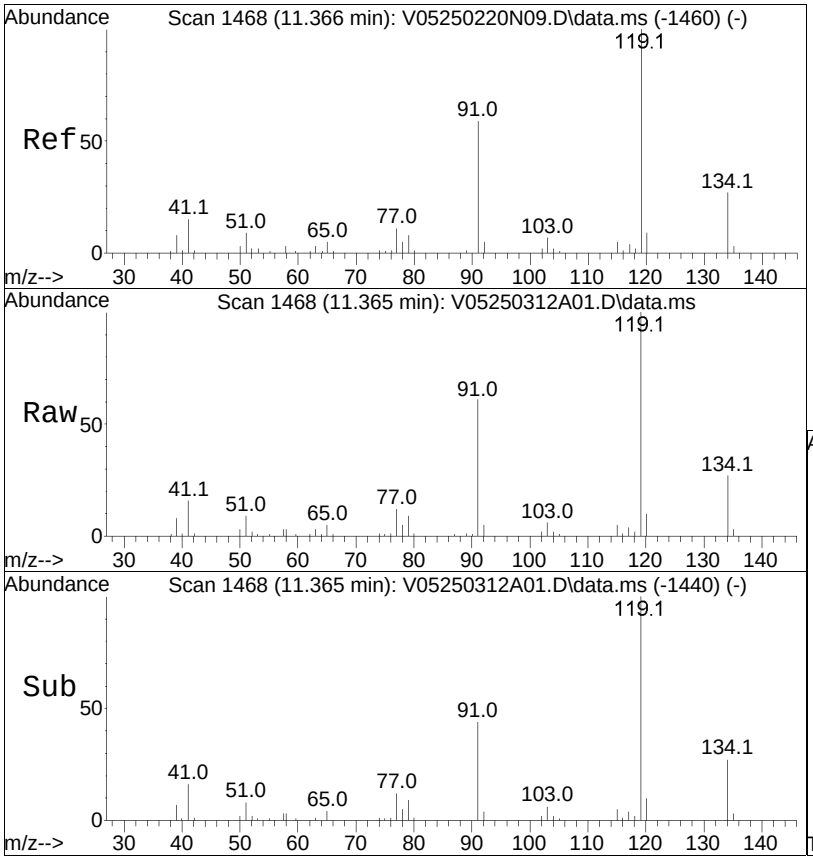


#93
4-Chlorotoluene
Concen: 9.97 ug/L
RT: 11.146 min Scan# 1437
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 91 Resp: 254384

Ion	Ratio	Lower	Upper
91	100		
126	37.8	31.0	46.6

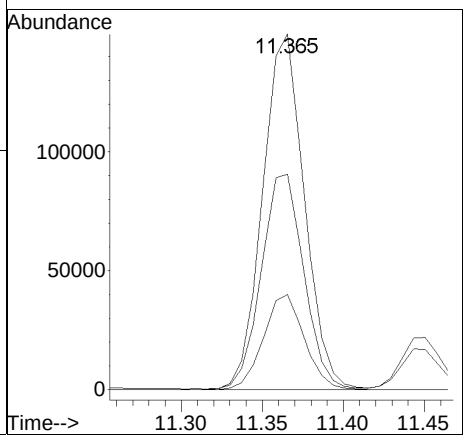


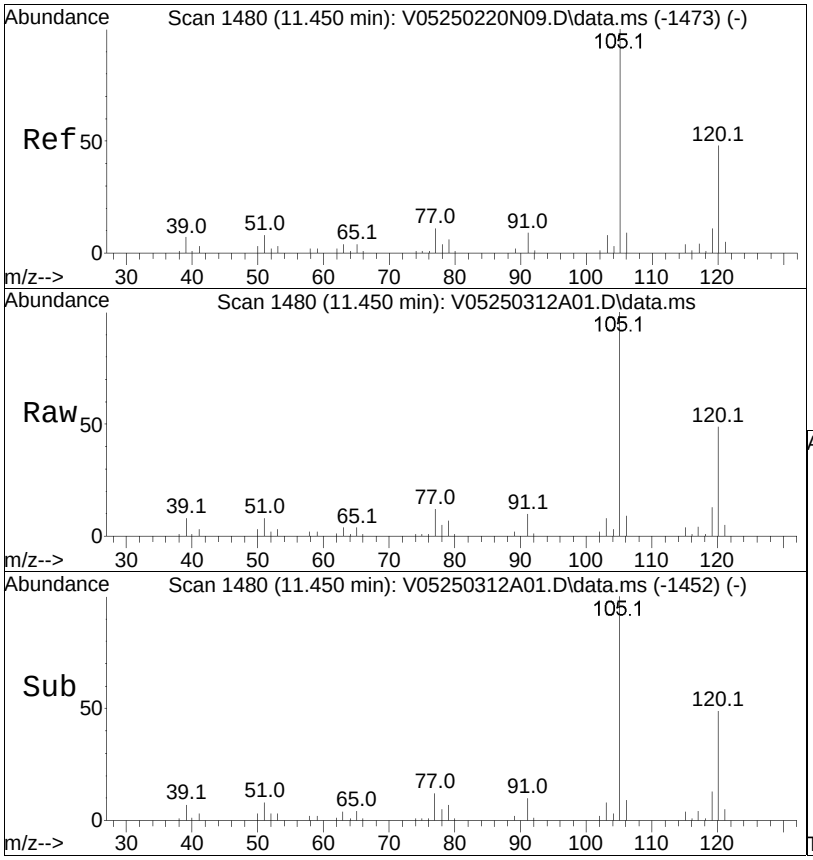


#94
tert-Butylbenzene
Concen: 9.86 ug/L
RT: 11.365 min Scan# 1468
Delta R.T. -0.001 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:119 Resp: 267552

Ion	Ratio	Lower	Upper
119	100		
91	61.4	49.1	73.7
134	26.1	20.9	31.3

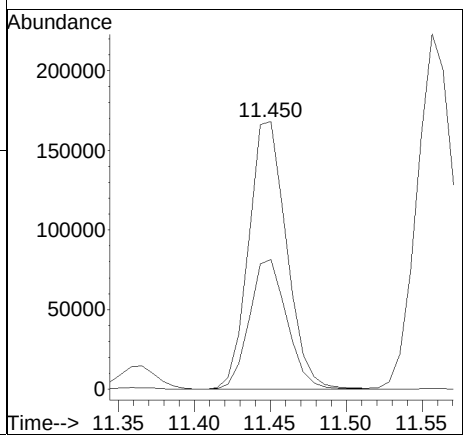


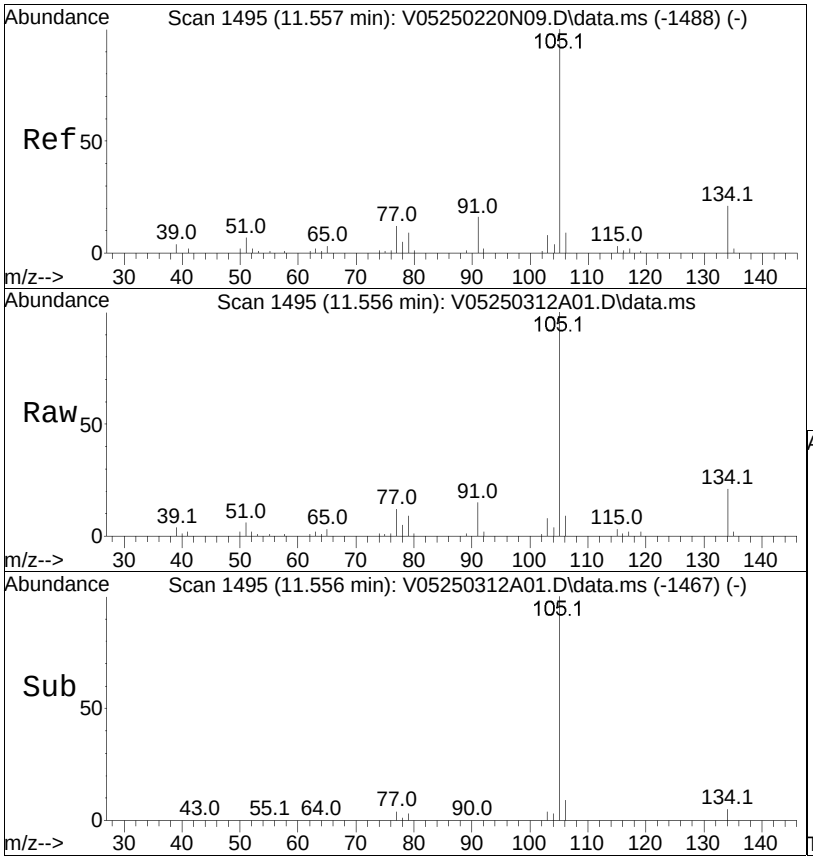


#97
1,2,4-Trimethylbenzene
Concen: 9.86 ug/L
RT: 11.450 min Scan# 1480
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:105 Resp: 292406

Ion	Ratio	Lower	Upper
105	100		
120	47.8	38.2	57.4

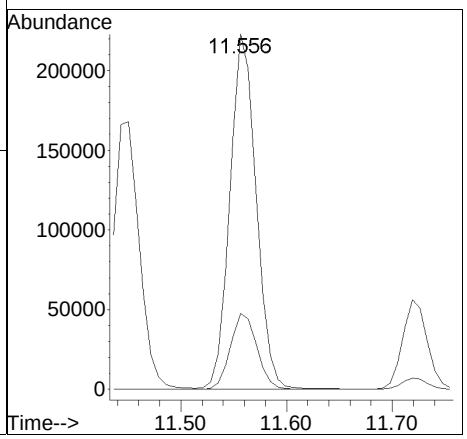


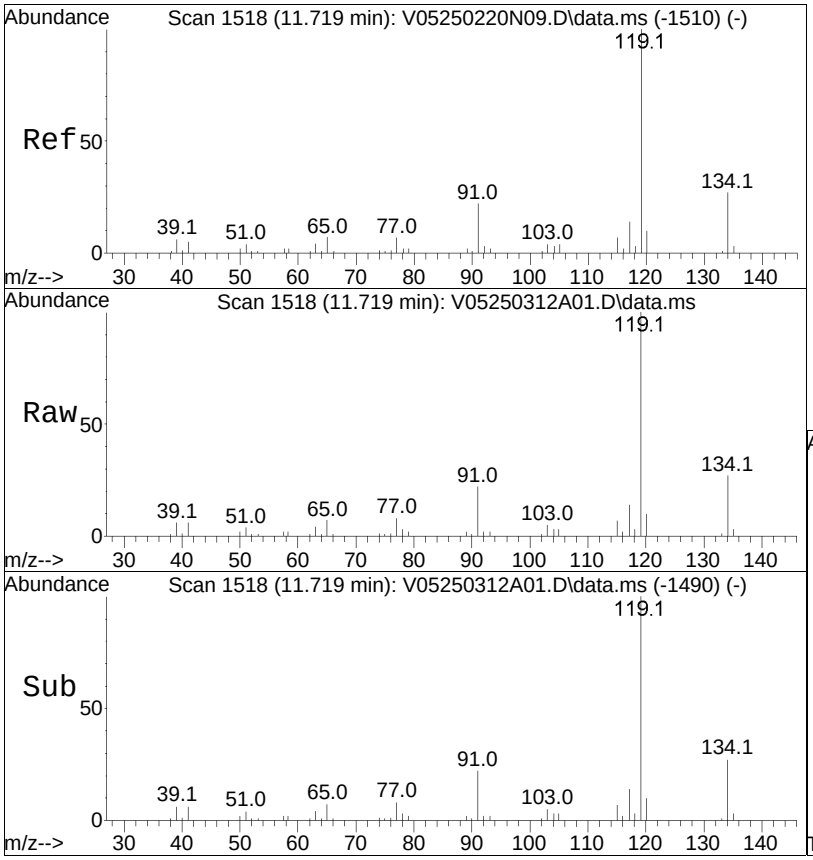


#98
sec-Butylbenzene
Concen: 10.04 ug/L
RT: 11.556 min Scan# 1495
Delta R.T. -0.001 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:105 Resp: 383689

Ion	Ratio	Lower	Upper
105	100		
134	21.7	14.2	29.6

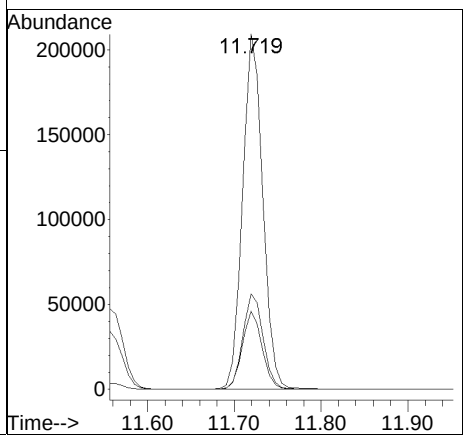


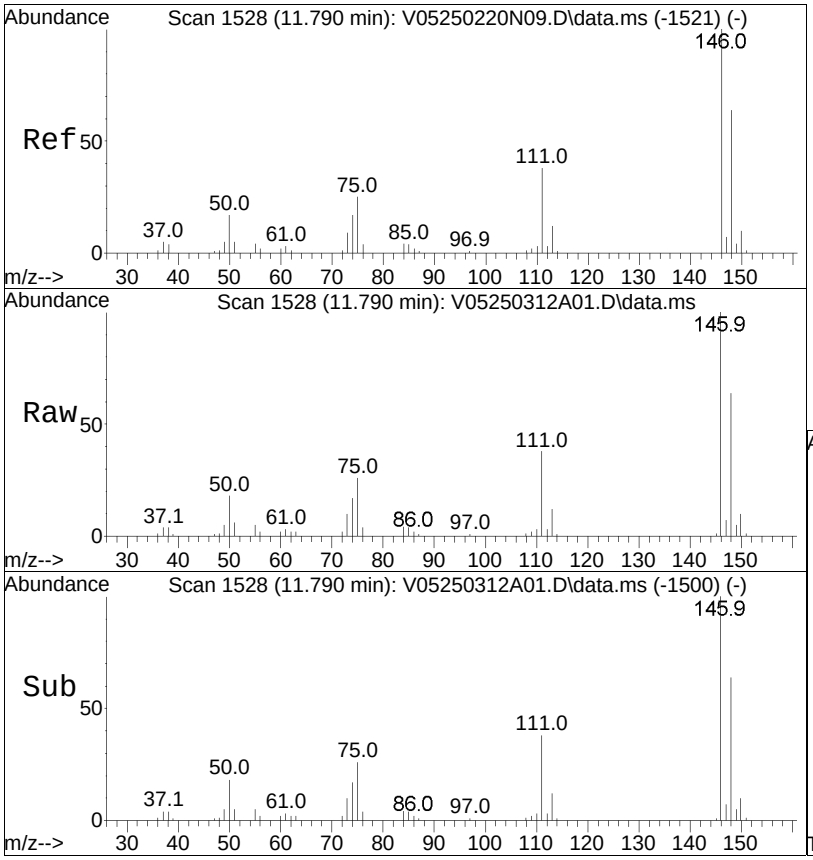


#99
p-Isopropyltoluene
Concen: 9.98 ug/L
RT: 11.719 min Scan# 1518
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:119 Resp: 338873

Ion	Ratio	Lower	Upper
119	100		
134	26.9	17.4	36.2
91	21.8	14.2	29.4

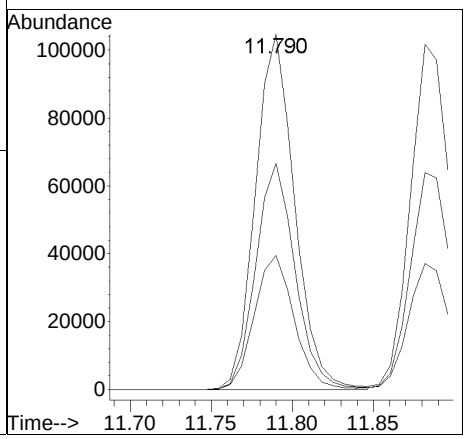


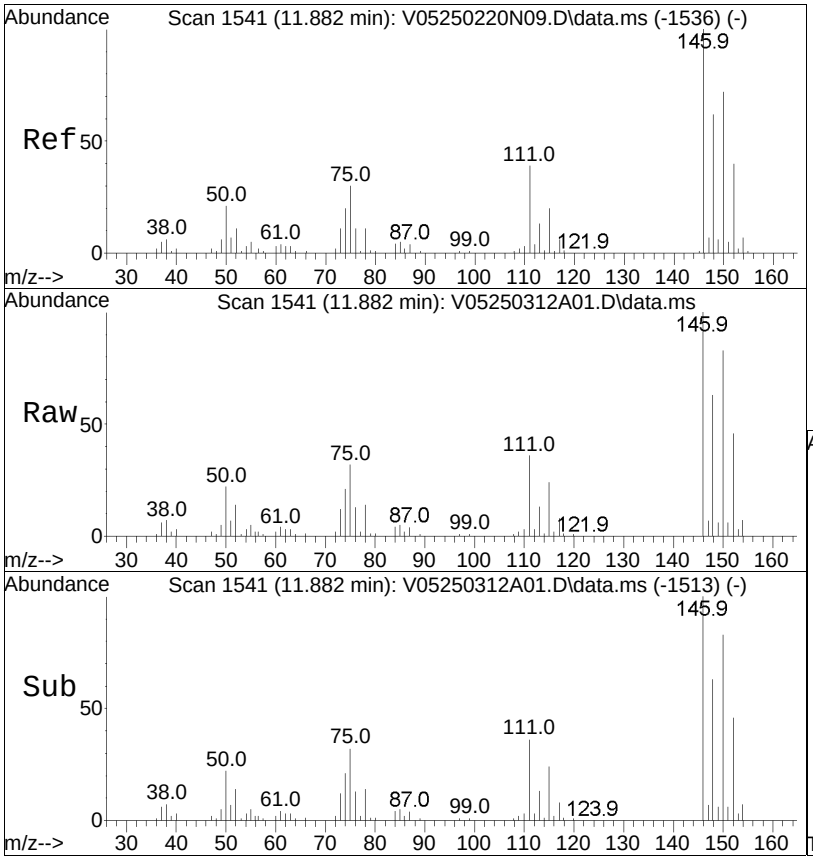


#100
1,3-Dichlorobenzene
Concen: 9.81 ug/L
RT: 11.790 min Scan# 1528
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:146 Resp: 176248

Ion	Ratio	Lower	Upper
146	100		
111	38.2	25.1	52.1
148	63.8	40.9	84.9

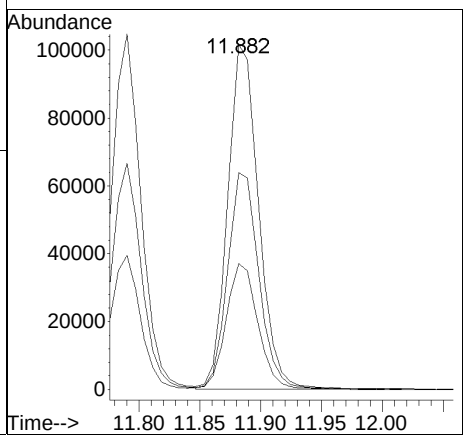


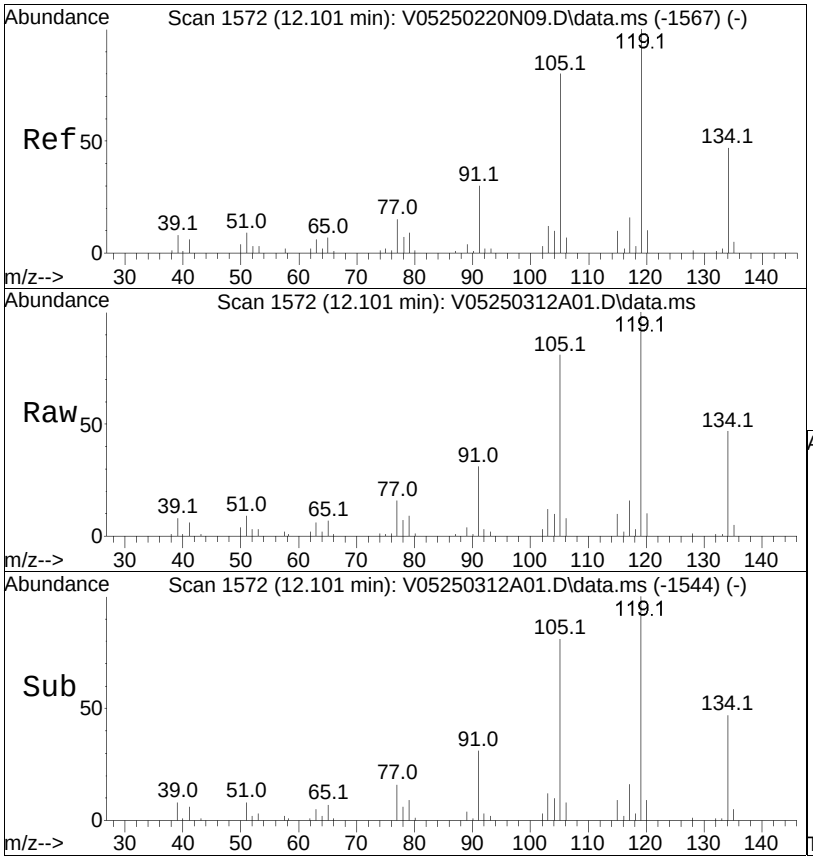


#101
1,4-Dichlorobenzene
Concen: 9.74 ug/L
RT: 11.882 min Scan# 1541
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:146 Resp: 179659

Ion	Ratio	Lower	Upper
146	100		
111	37.8	30.2	45.2
148	64.0	50.5	75.7

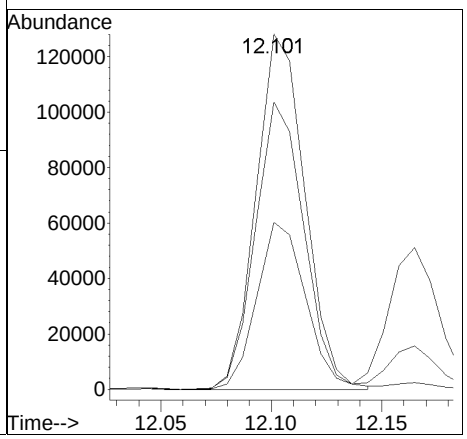


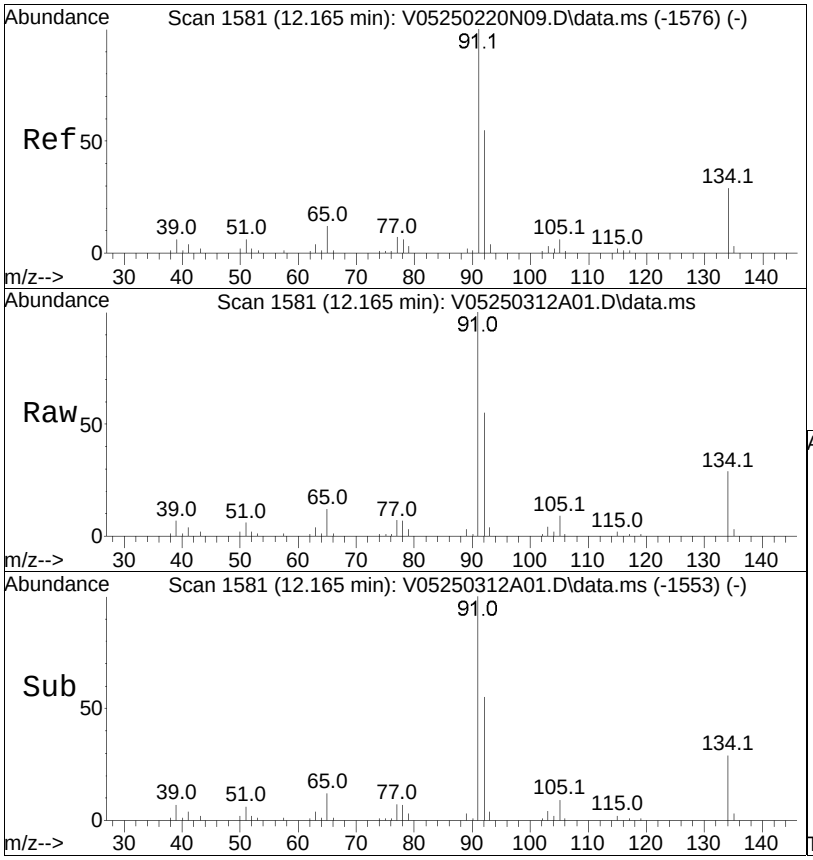


#102
p-Diethylbenzene
Concen: 9.90 ug/L
RT: 12.101 min Scan# 1572
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:119 Resp: 197191

Ion	Ratio	Lower	Upper
119	100		
105	80.4	52.1	108.1
134	47.1	30.9	64.1

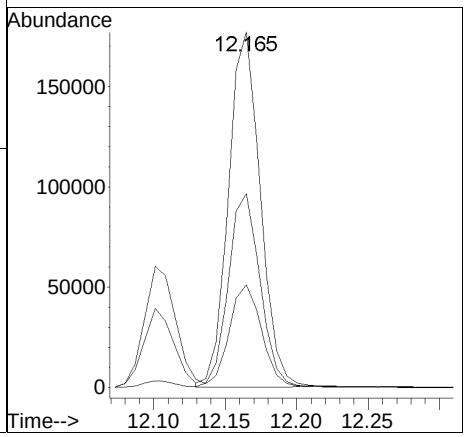


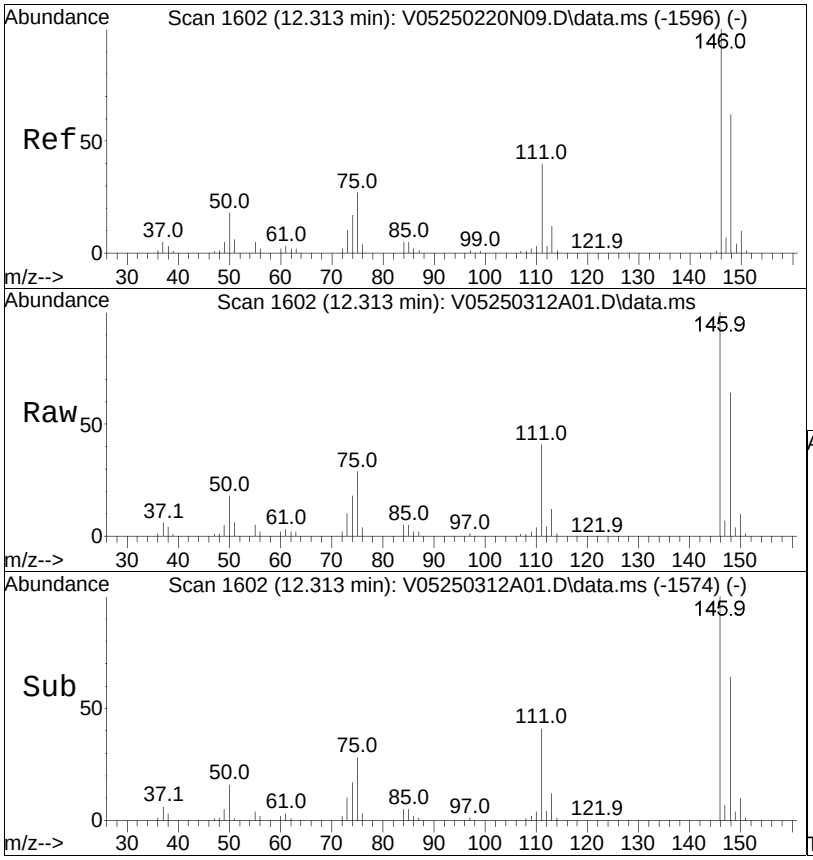


#103
n-Butylbenzene
Concen: 10.22 ug/L
RT: 12.165 min Scan# 1581
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion: 91 Resp: 274398

Ion	Ratio	Lower	Upper
91	100		
92	54.9	43.6	65.4
134	29.2	24.3	36.5

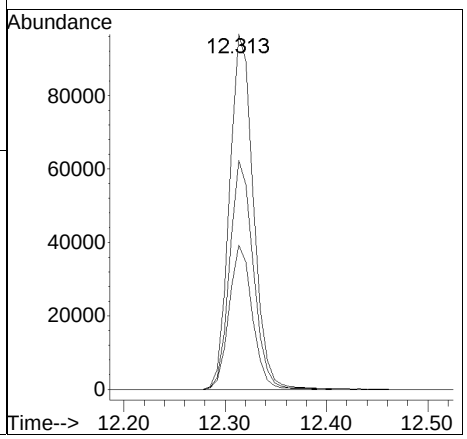


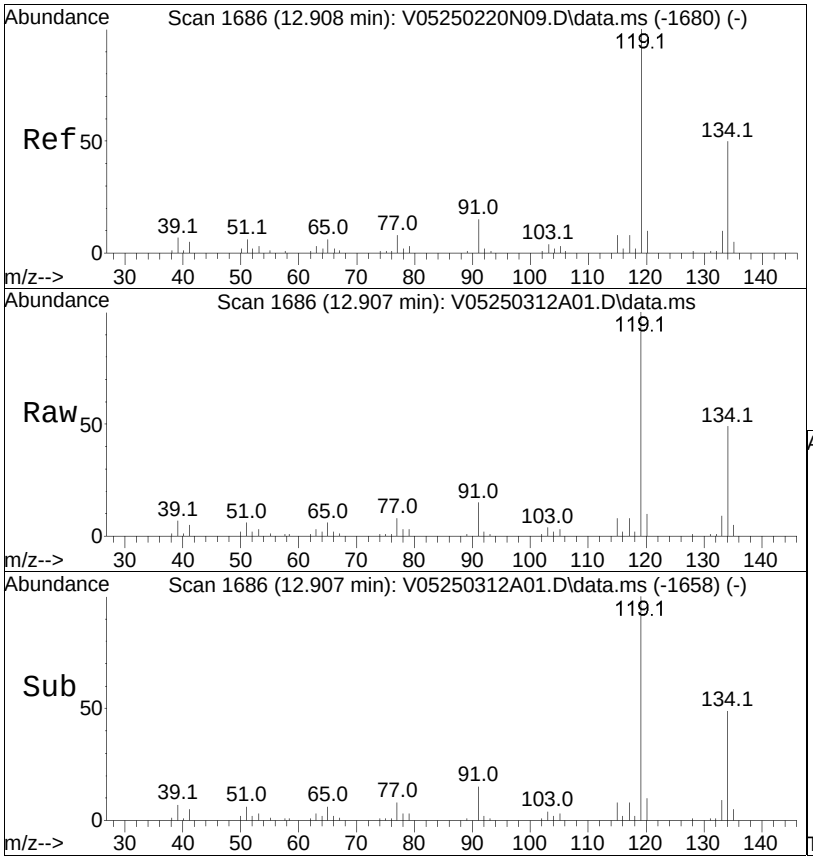


#104
1,2-Dichlorobenzene
Concen: 9.79 ug/L
RT: 12.313 min Scan# 1602
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:146 Resp: 159116

Ion	Ratio	Lower	Upper
146	100		
111	39.4	25.9	53.7
148	63.4	41.0	85.2

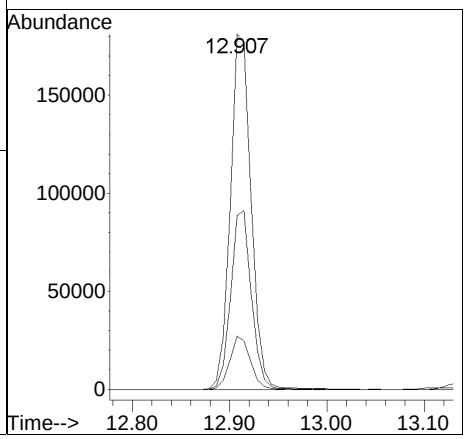


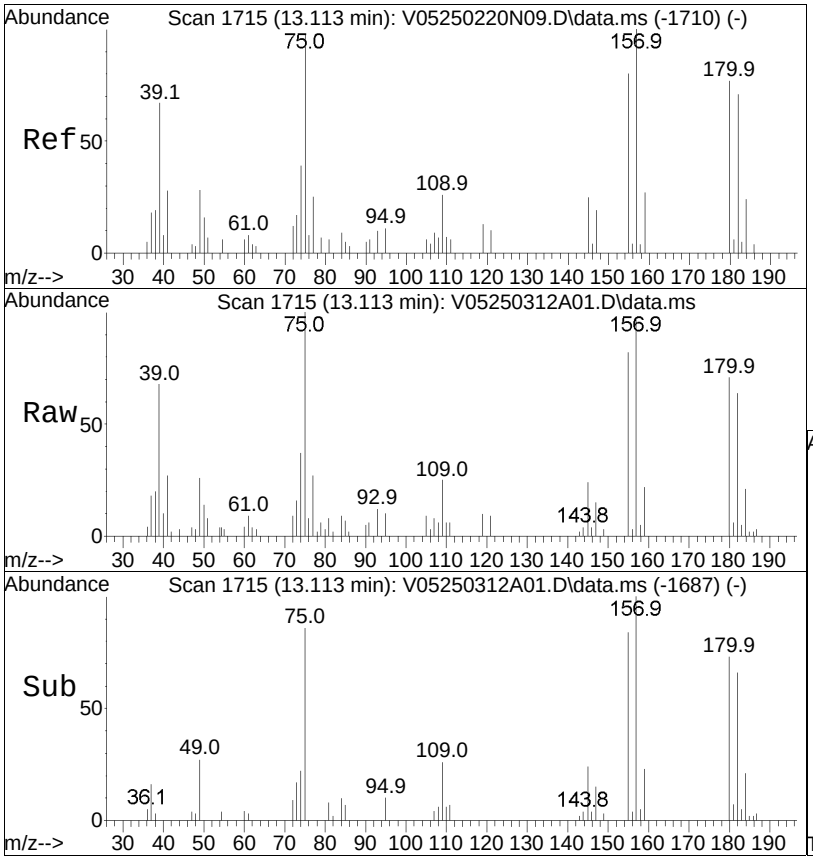


#105
1,2,4,5-Tetramethylbenzene
Concen: 8.89 ug/L
RT: 12.907 min Scan# 1686
Delta R.T. -0.001 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:119 Resp: 269519

Ion	Ratio	Lower	Upper
119	100		
134	50.0	32.4	67.2
91	14.7	9.6	20.0

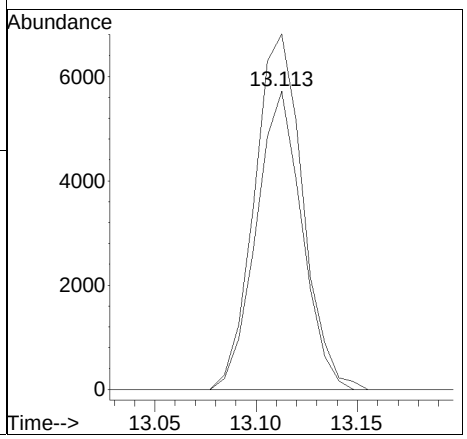


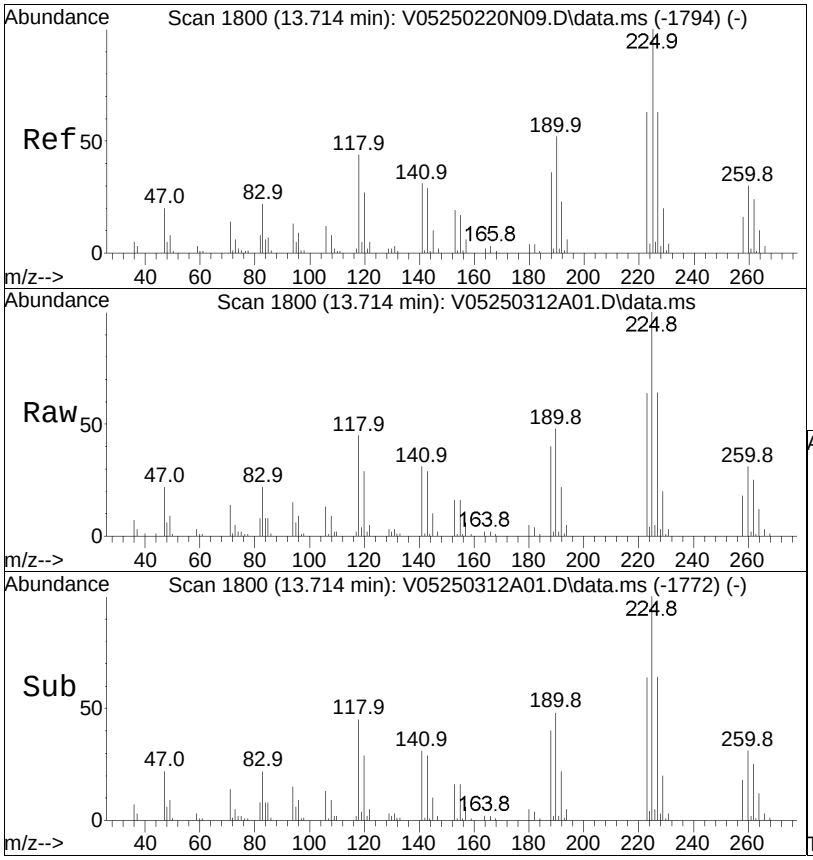


#106
1,2-Dibromo-3-chloropropane
Concen: 8.82 ug/L
RT: 13.113 min Scan# 1715
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:155 Resp: 8975

Ion	Ratio	Lower	Upper
155	100		
157	126.1	101.8	152.6

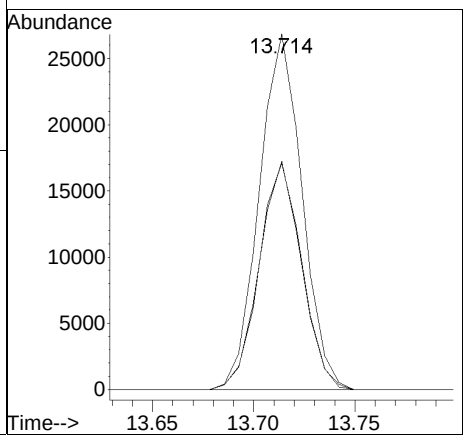


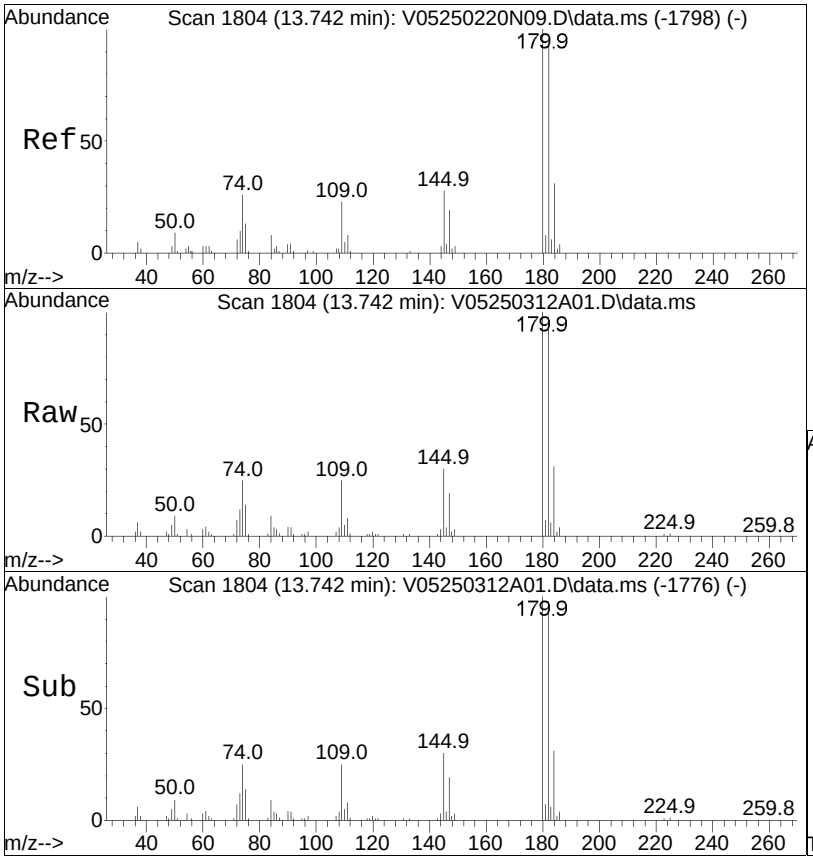


#108
Hexachlorobutadiene
Concen: 9.43 ug/L
RT: 13.714 min Scan# 1800
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:225 Resp: 39483

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.8	76.2
227	63.3	51.8	77.6

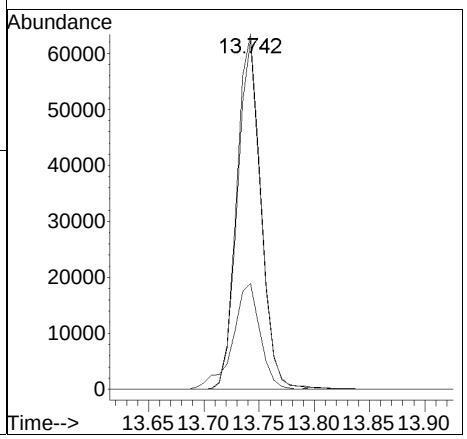


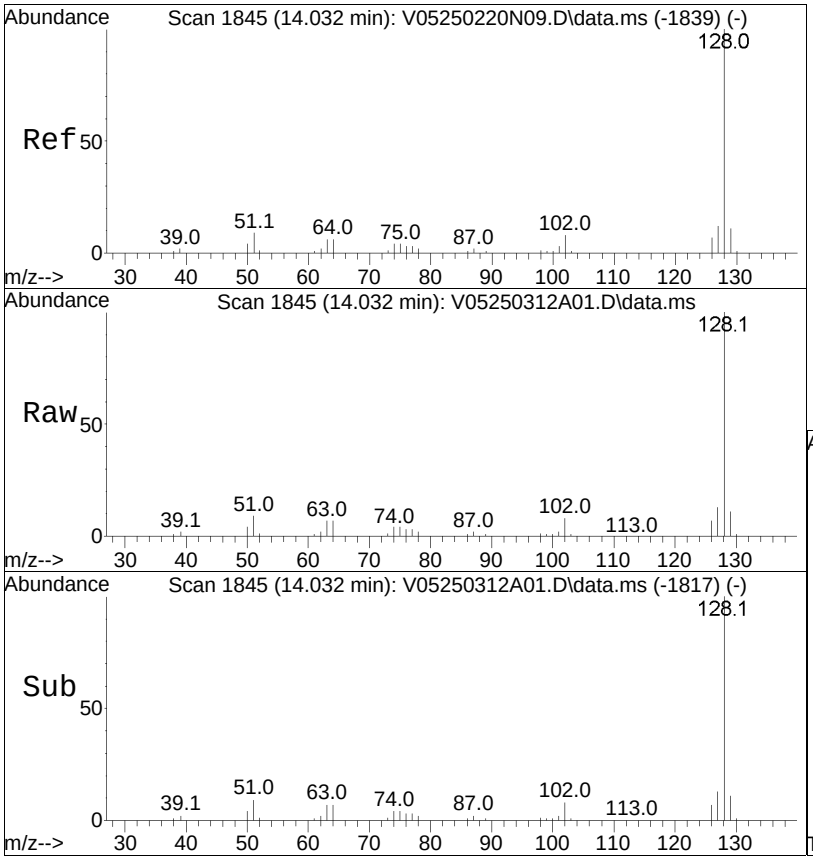


#109
1,2,4-Trichlorobenzene
Concen: 9.80 ug/L
RT: 13.742 min Scan# 1804
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:180 Resp: 97593

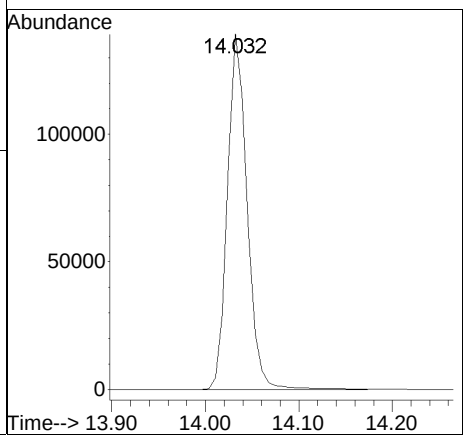
Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.4	114.6
145	33.6	27.3	40.9

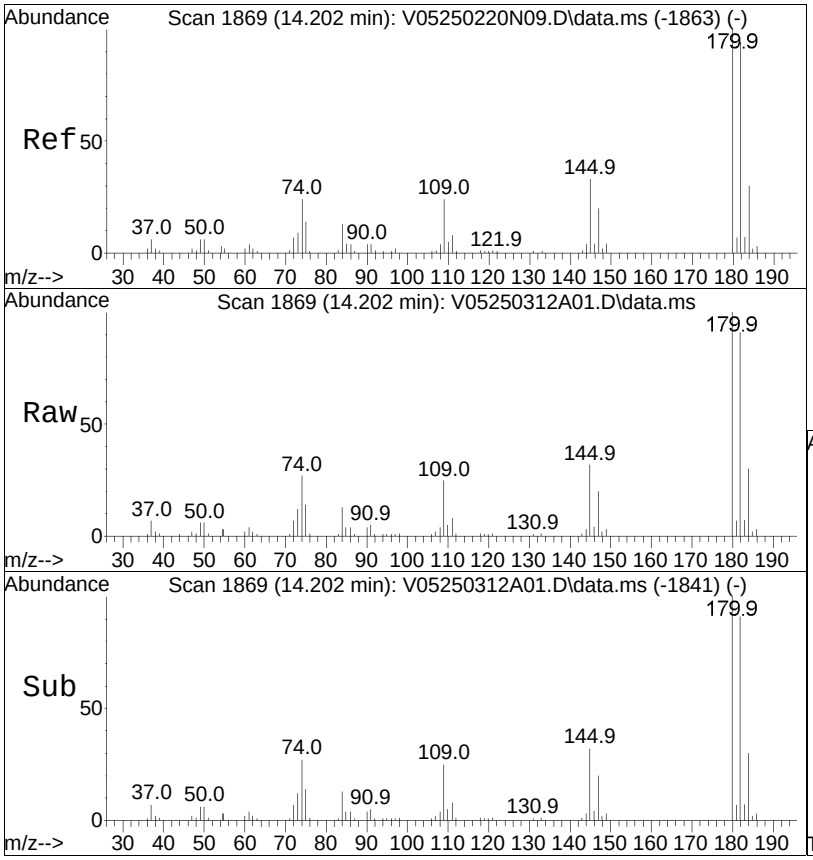




#110
Naphthalene
Concen: 10.21 ug/L
RT: 14.032 min Scan# 1845
Delta R.T. 0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:128 Resp: 203701

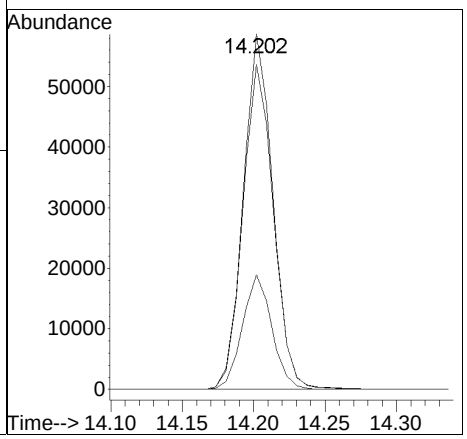




#111
1,2,3-Trichlorobenzene
Concen: 10.14 ug/L
RT: 14.202 min Scan# 1869
Delta R.T. -0.000 min
Lab File: V05250312A01.D
Acq: 12 Mar 2025 6:56 am

Tgt Ion:180 Resp: 84660

Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.1	112.7
145	32.0	25.6	38.4

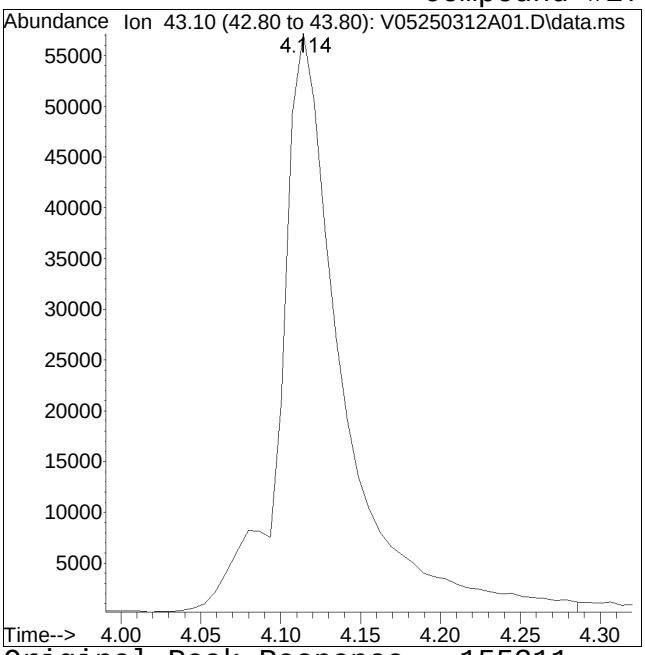


Manual Integration Report

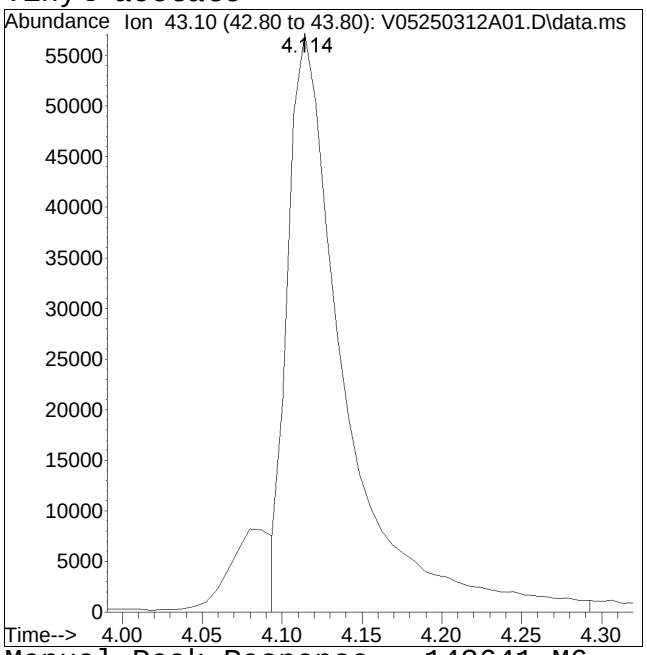
Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A01.D
Date Inj'd : 3/12/2025 6:56 am
Sample : WG2039666-3,31,10,10

QMethod : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 3/12/2025 7:18 am

Compound #27: Vinyl acetate



Original Peak Response = 155311



Manual Peak Response = 142641 M6

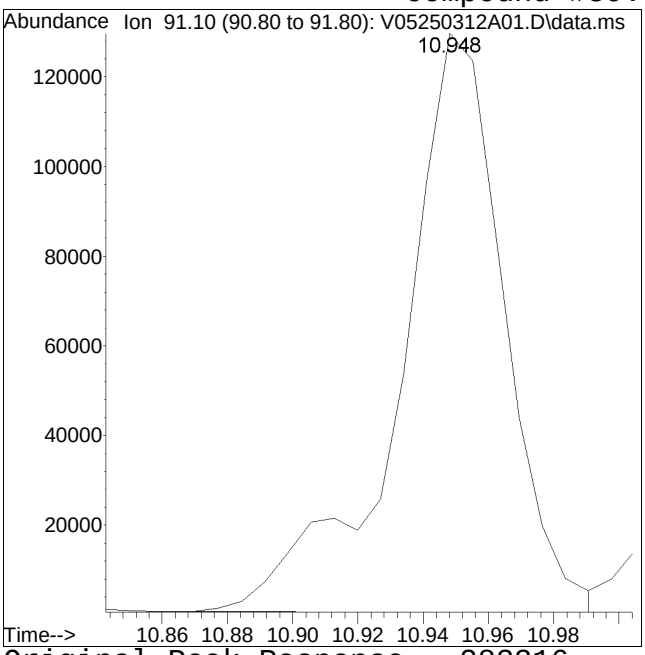
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

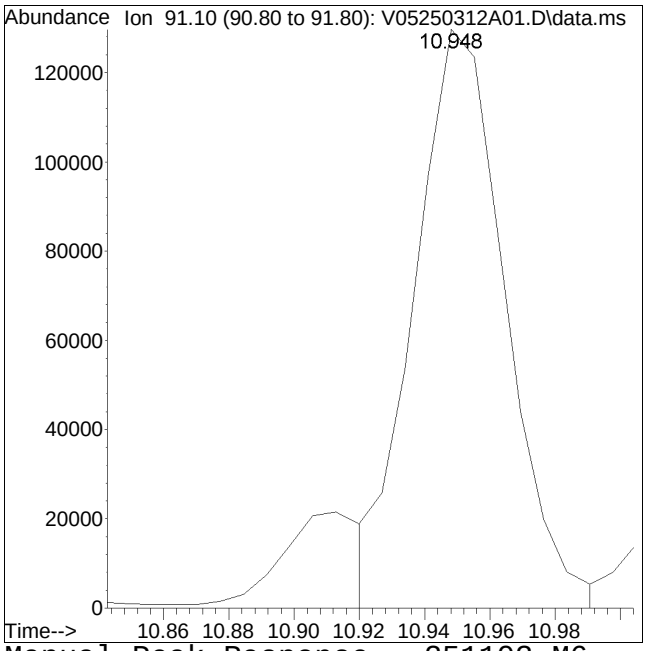
Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A01.D
Date Inj'd : 3/12/2025 6:56 am
Sample : WG2039666-3,31,10,10

QMethod : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 3/12/2025 7:18 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 283316



Manual Peak Response = 251103 M6

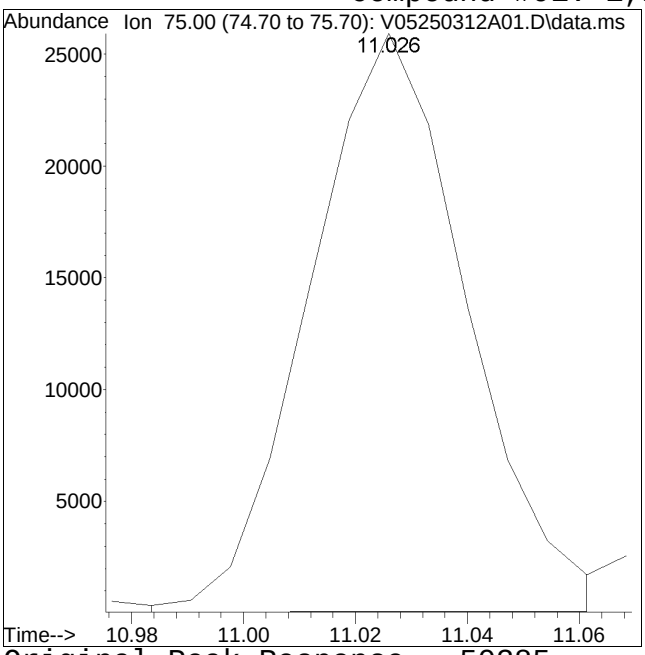
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

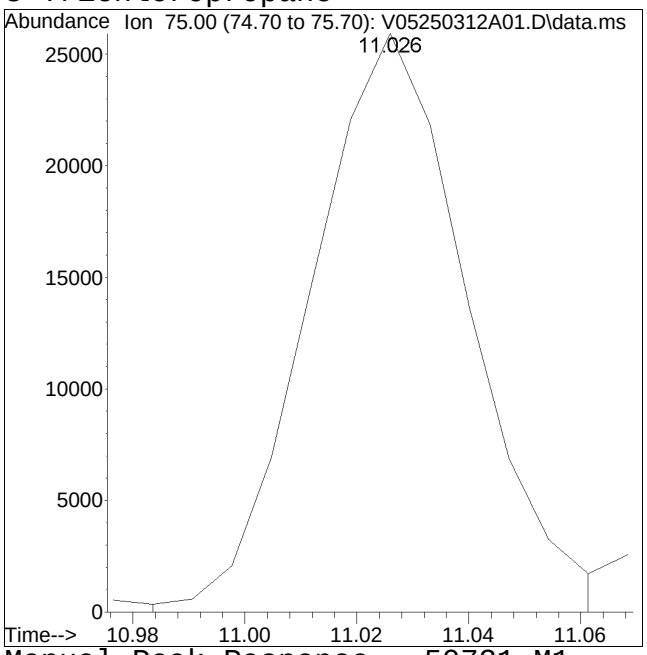
Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A01.D
Date Inj'd : 3/12/2025 6:56 am
Sample : WG2039666-3,31,10,10

QMethod : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 3/12/2025 7:18 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 50385



Manual Peak Response = 50731 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A01.D
Acq On : 12 Mar 2025 7:29 am
Operator : VOA101:PID
Sample : WG2039675-3,31,10,10
Misc : WG2039675,ICAL21969
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 08:01:05 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.896	96	569723	10.000	ug/L		0.00
59) Chlorobenzene-d5	9.412	117	412059	10.000	ug/L		0.00
79) 1,4-Dichlorobenzene-d4	12.143	152	220763	10.000	ug/L		0.00
System Monitoring Compounds							
36) Dibromofluoromethane	5.098	113	148137	10.227	ug/L		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.27%				
43) 1,2-Dichloroethane-d4	5.617	65	166817	10.041	ug/L		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.41%				
60) Toluene-d8	7.572	98	558801	10.208	ug/L		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.08%				
83) 4-Bromofluorobenzene	10.921	95	211061	9.765	ug/L		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.65%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.621	85	143593	9.474	ug/L		99
3) Chloromethane	1.802	50	258357	9.211	ug/L		99
4) Vinyl chloride	1.878	62	185599	10.512	ug/L		99
5) Bromomethane	2.173	94	46446	12.618	ug/L		98
6) Chloroethane	2.288	64	99009	11.765	ug/L		98
7) Trichlorofluoromethane	2.421	101	192583	10.462	ug/L		99
8) Ethyl ether	2.709	74	49231	10.493	ug/L		92
10) 1,1-Dichloroethene	2.893	96	123026	9.924	ug/L		99
11) Carbon disulfide	2.926	76	406283	9.894	ug/L		100
15) Methylene chloride	3.431	84	142931	9.662	ug/L		98
17) Acetone	3.487	43	25901	8.933	ug/L	#	68
18) trans-1,2-Dichloroethene	3.584	96	139616	10.085	ug/L		99
20) Methyl tert-butyl ether	3.682	73	272385	9.398	ug/L		99
23) 1,1-Dichloroethane	4.150	63	304112	10.216	ug/L		99
25) Acrylonitrile	4.200	53	33056	9.637	ug/L		96
27) Vinyl acetate	4.385	43	296845	10.103	ug/L		99
28) cis-1,2-Dichloroethene	4.661	96	151121	9.969	ug/L		100
29) 2,2-Dichloropropane	4.758	77	205956	11.265	ug/L		97
30) Bromochloromethane	4.853	128	61690	10.324	ug/L		97
32) Chloroform	4.926	83	250032	10.156	ug/L		98
34) Carbon tetrachloride	5.054	117	175367	9.767	ug/L		99
37) 1,1,1-Trichloroethane	5.115	97	214180	10.144	ug/L	#	97
39) 2-Butanone	5.218	43	41498	10.143	ug/L	#	69
40) 1,1-Dichloropropene	5.243	75	182730	9.917	ug/L		100

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A01.D
Acq On : 12 Mar 2025 7:29 am
Operator : VOA101:PID
Sample : WG2039675-3,31,10,10
Misc : WG2039675,ICAL21969
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 08:01:05 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Benzene	5.483	78	552624	10.251	ug/L	99
44) 1,2-Dichloroethane	5.687	62	178032	10.016	ug/L	97
48) Trichloroethene	6.074	95	150377	10.098	ug/L	98
50) Dibromomethane	6.512	93	67231	9.807	ug/L	98
51) 1,2-Dichloropropane	6.610	63	164340	9.988	ug/L	99
54) Bromodichloromethane	6.685	83	182933	10.014	ug/L	99
57) 1,4-Dioxane	6.900	88	35678M1	487.367	ug/L	
58) cis-1,3-Dichloropropene	7.374	75	181815	8.990	ug/L	97
61) Toluene	7.633	92	341690	10.379	ug/L	99
62) 4-Methyl-2-pentanone	8.063	58	27272	8.564	ug/L	93
63) Tetrachloroethene	8.082	166	143209	10.854	ug/L	98
65) trans-1,3-Dichloropropene	8.119	75	140609	9.174	ug/L	95
68) 1,1,2-Trichloroethane	8.300	83	85091	10.322	ug/L	99
69) Chlorodibromomethane	8.515	129	109517	9.618	ug/L	99
70) 1,3-Dichloropropane	8.620	76	170818	10.118	ug/L	100
71) 1,2-Dibromoethane	8.785	107	88096	9.849	ug/L	100
72) 2-Hexanone	9.086	43	47846M1	8.615	ug/L	
73) Chlorobenzene	9.432	112	380058	10.402	ug/L	99
74) Ethylbenzene	9.468	91	662952	10.429	ug/L	100
75) 1,1,1,2-Tetrachloroethane	9.516	131	128895	10.067	ug/L	99
76) p/m Xylene	9.655	106	522754	21.552	ug/L	99
77) o Xylene	10.202	106	496880	21.216	ug/L	100
78) Styrene	10.274	104	777224	21.648	ug/L	98
80) Bromoform	10.299	173	56725	9.232	ug/L	99
82) Isopropylbenzene	10.589	105	637204	10.472	ug/L	100
84) Bromobenzene	11.033	156	145291	10.585	ug/L	100
85) n-Propylbenzene	11.077	91	784444	11.006	ug/L	99
87) 1,1,2,2-Tetrachloroethane	11.169	83	112039	10.394	ug/L	98
88) 4-Ethyltoluene	11.203	105	626897	10.624	ug/L	100
89) 2-Chlorotoluene	11.250	91	464081M1	10.688	ug/L	
90) 1,3,5-Trimethylbenzene	11.303	105	516637	10.579	ug/L	99
91) 1,2,3-Trichloropropane	11.303	75	85993M4	10.083	ug/L	
92) trans-1,4-Dichloro-2-b...	11.365	53	21555M1	9.042	ug/L	
93) 4-Chlorotoluene	11.431	91	460321	10.666	ug/L	100
94) tert-Butylbenzene	11.646	119	441080	10.480	ug/L	100
97) 1,2,4-Trimethylbenzene	11.724	105	498897	10.778	ug/L	99
98) sec-Butylbenzene	11.839	105	640679	10.890	ug/L	100
99) p-Isopropyltoluene	11.995	119	533325	10.654	ug/L	100
100) 1,3-Dichlorobenzene	12.064	146	269600	10.799	ug/L	100
101) 1,4-Dichlorobenzene	12.156	146	267386	10.446	ug/L	98

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A01.D
Acq On : 12 Mar 2025 7:29 am
Operator : VOA101:PID
Sample : WG2039675-3,31,10,10
Misc : WG2039675,ICAL21969
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 08:01:05 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102) p-Diethylbenzene	12.371	119	297263	10.483	ug/L	100
103) n-Butylbenzene	12.430	91	449891	11.161	ug/L	98
104) 1,2-Dichlorobenzene	12.583	146	232419	10.506	ug/L	99
105) 1,2,4,5-Tetramethylben...	13.169	119	369410	9.783	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.367	155	10469	8.237	ug/L	98
108) Hexachlorobutadiene	13.975	225	52551	10.608	ug/L	98
109) 1,2,4-Trichlorobenzene	14.000	180	97878	9.349	ug/L	99
110) Naphthalene	14.295	128	146715	7.668	ug/L	100
111) 1,2,3-Trichlorobenzene	14.463	180	69422	8.675	ug/L	100

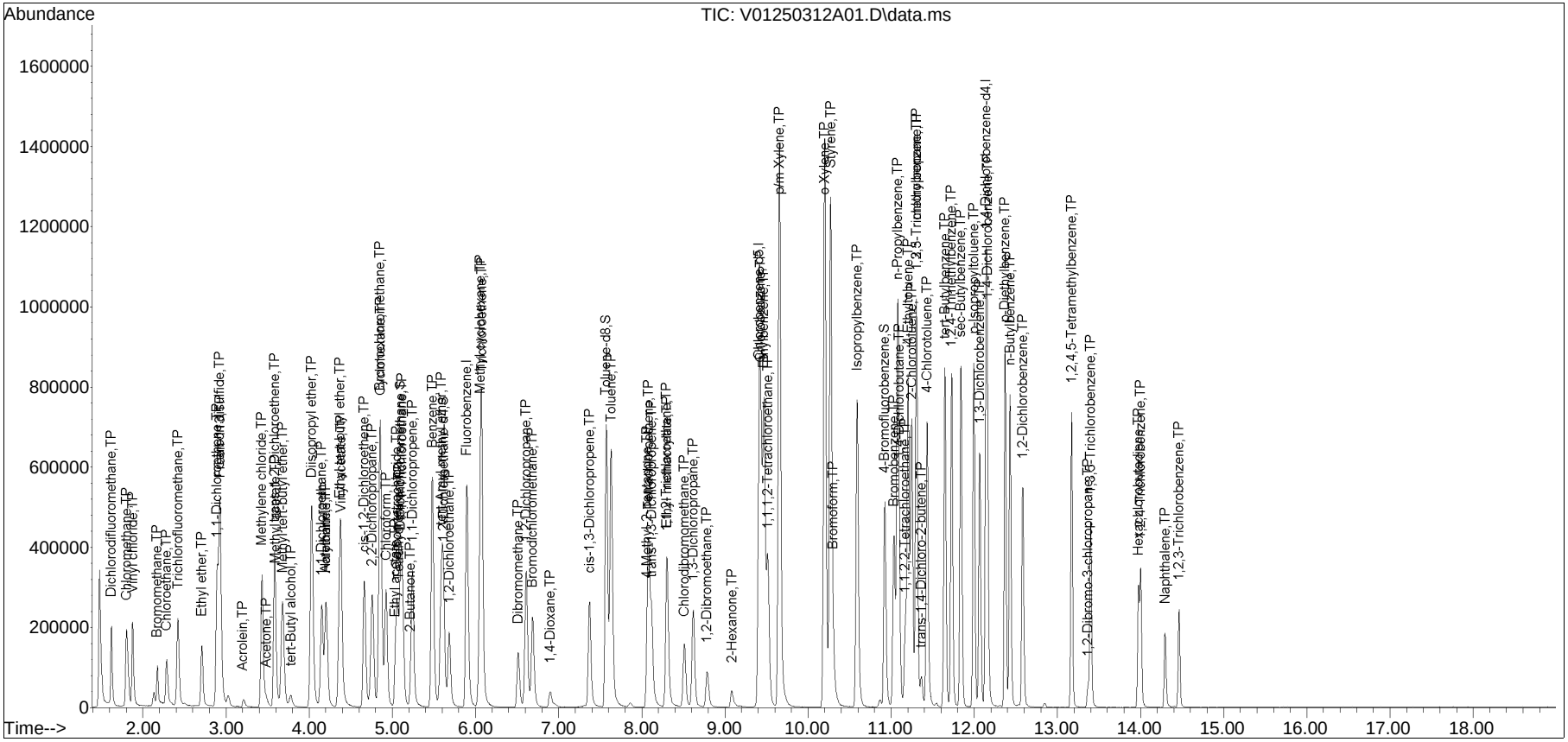
(#) = qualifier out of range (m) = manual integration (+) = signals summed

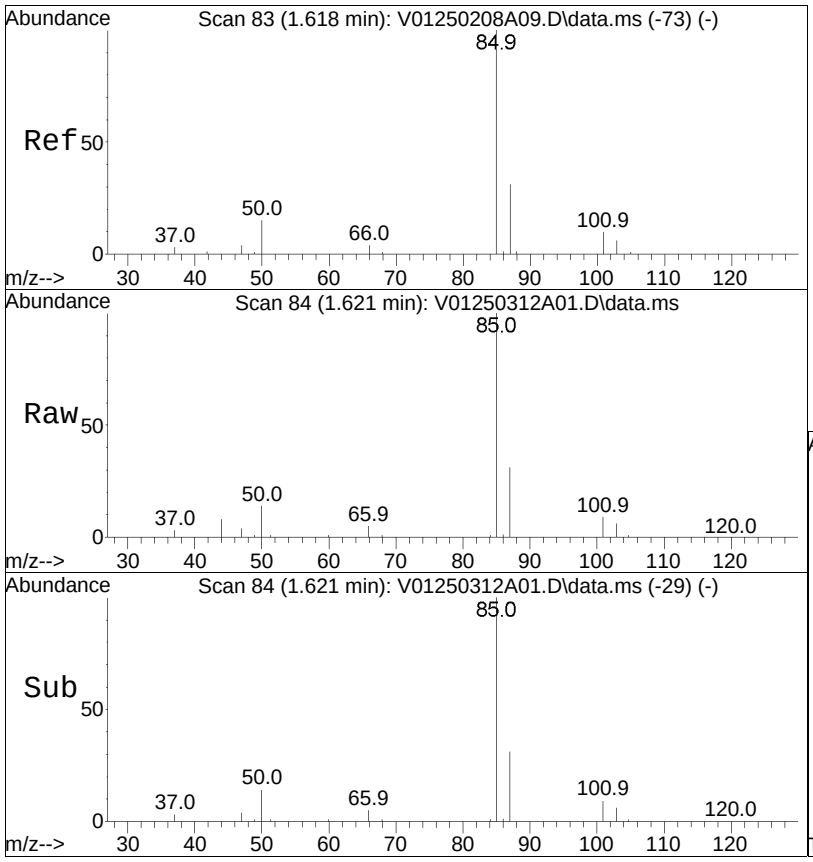
Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A01.D
Acq On : 12 Mar 2025 7:29 am
Operator : VOA101:PID
Sample : WG2039675-3,31,10,10
Misc : WG2039675,ICAL21969
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 08:01:05 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

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

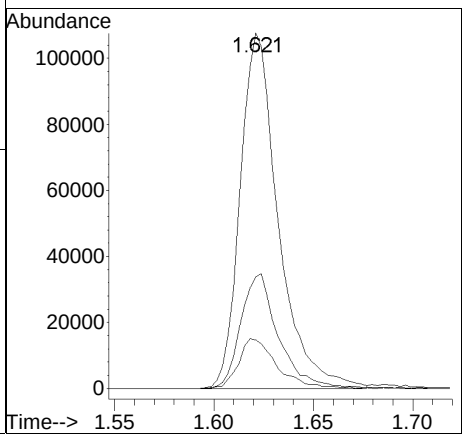


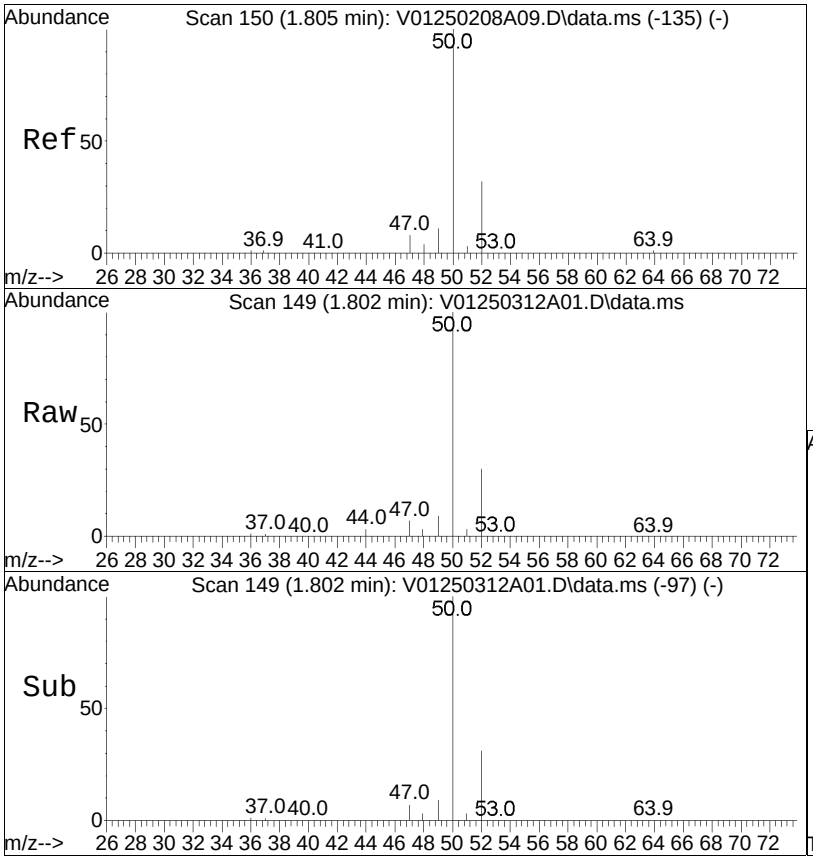


#2
Dichlorodifluoromethane
Concen: 9.47 ug/L
RT: 1.621 min Scan# 84
Delta R.T. 0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 85 Resp: 143593

Ion	Ratio	Lower	Upper
85	100		
87	32.0	20.2	42.0
50	14.1	9.4	19.4

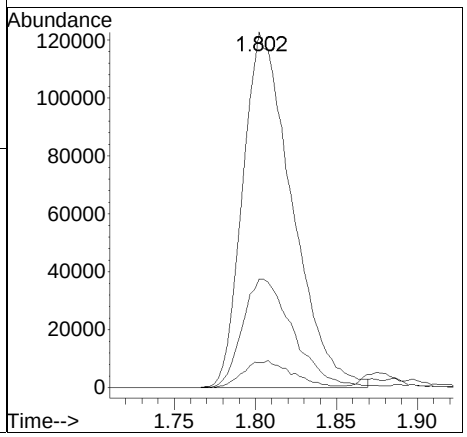


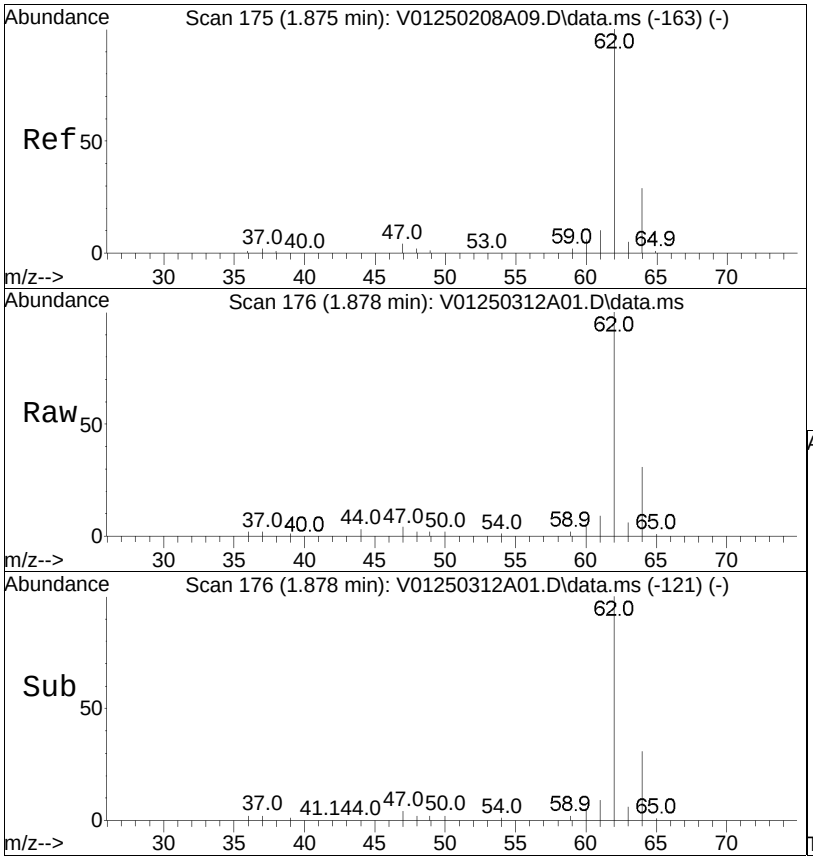


#3
Chloromethane
Concen: 9.21 ug/L
RT: 1.802 min Scan# 149
Delta R.T. -0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 50 Resp: 258357

Ion	Ratio	Lower	Upper
50	100		
52	31.5	11.0	51.0
47	7.5	0.0	27.1

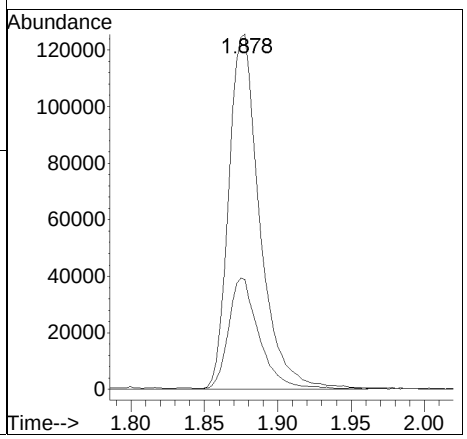


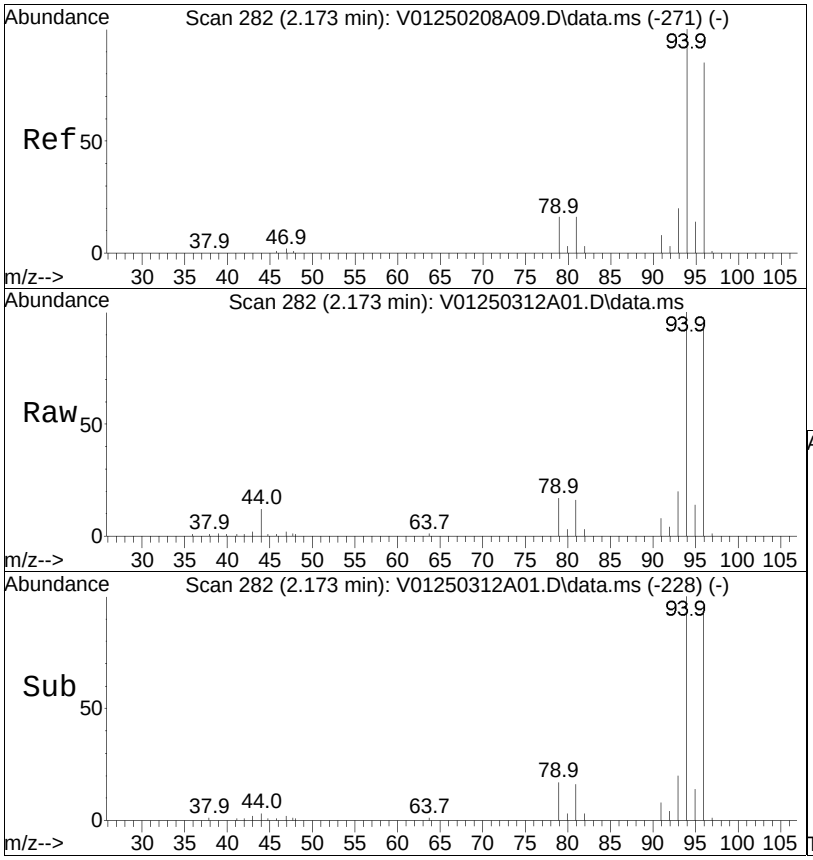


#4
Vinyl chloride
Concen: 10.51 ug/L
RT: 1.878 min Scan# 176
Delta R.T. 0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 62 Resp: 185599

Ion	Ratio	Lower	Upper
62	100		
64	30.2	9.6	49.6

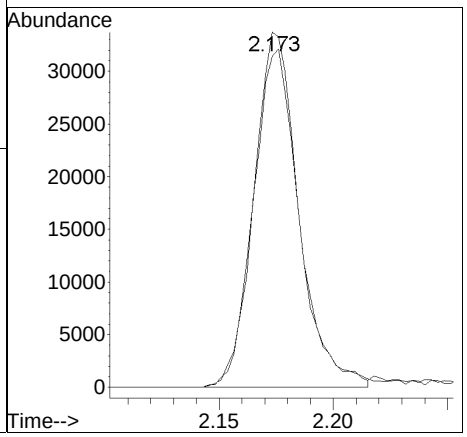


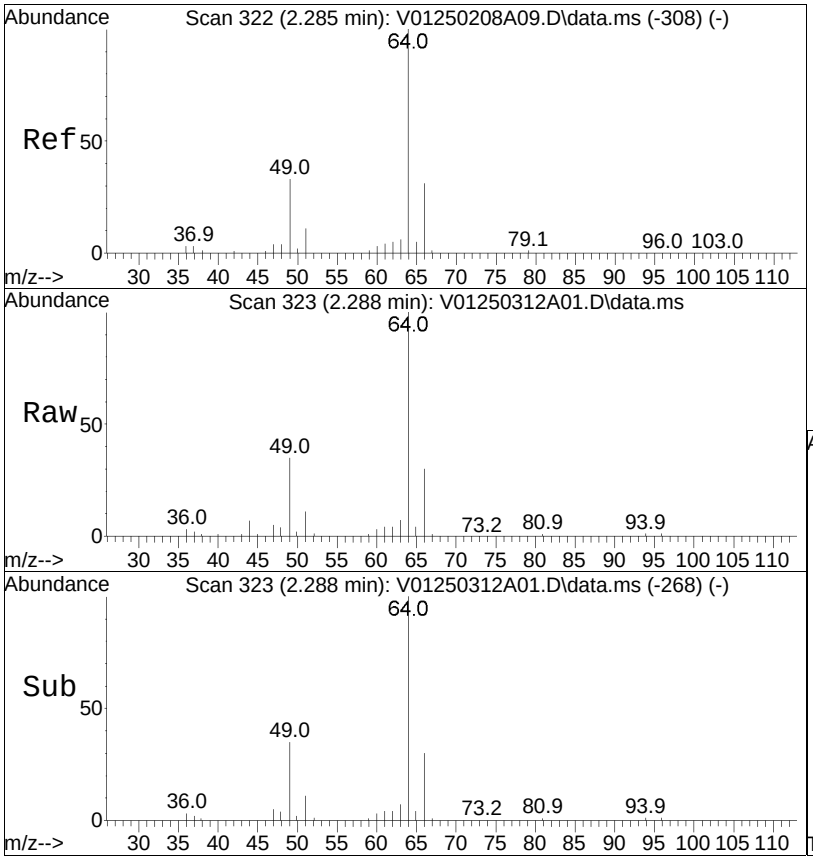


#5
Bromomethane
Concen: 12.62 ug/L
RT: 2.173 min Scan# 282
Delta R.T. 0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 94 Resp: 46446

Ion	Ratio	Lower	Upper
94	100		
96	97.0	75.4	115.4

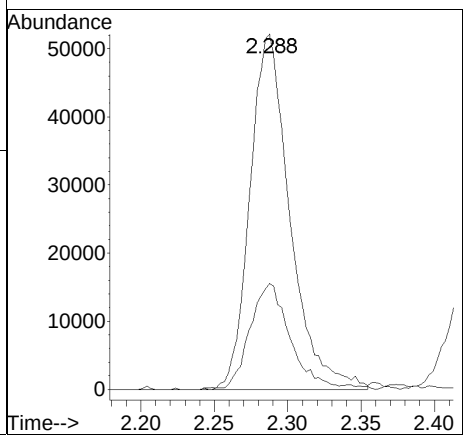


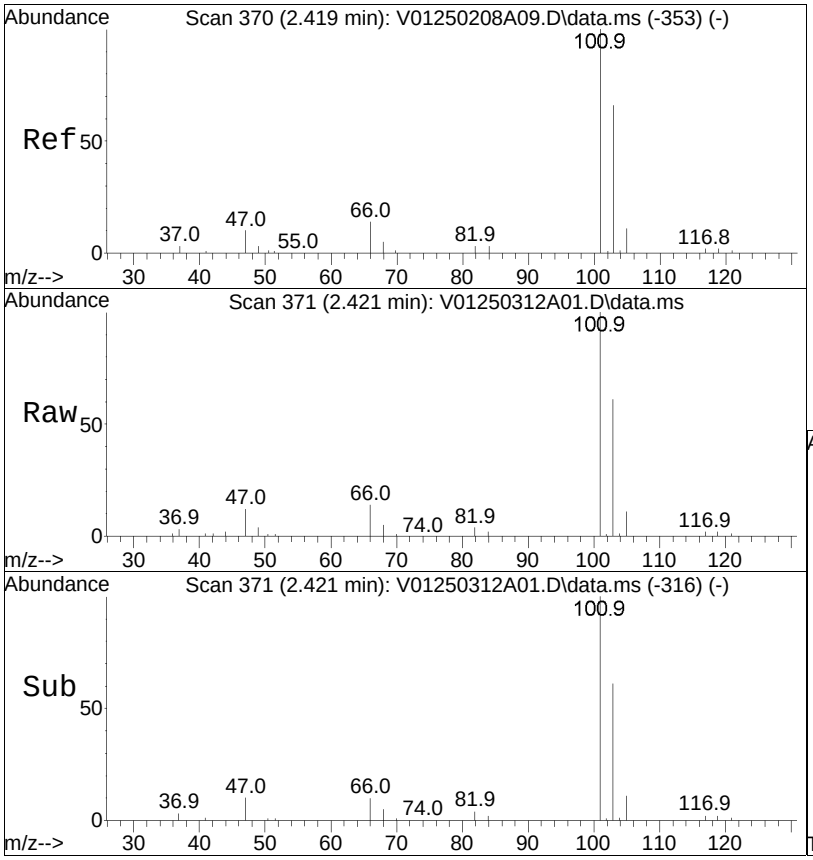


#6
Chloroethane
Concen: 11.77 ug/L
RT: 2.288 min Scan# 323
Delta R.T. 0.002 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 64 Resp: 99009

Ion	Ratio	Lower	Upper
64	100		
66	29.6	10.9	50.9

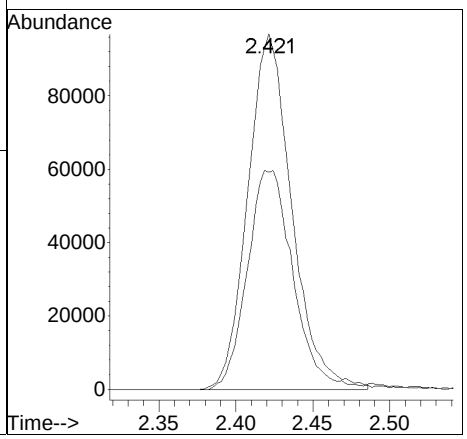


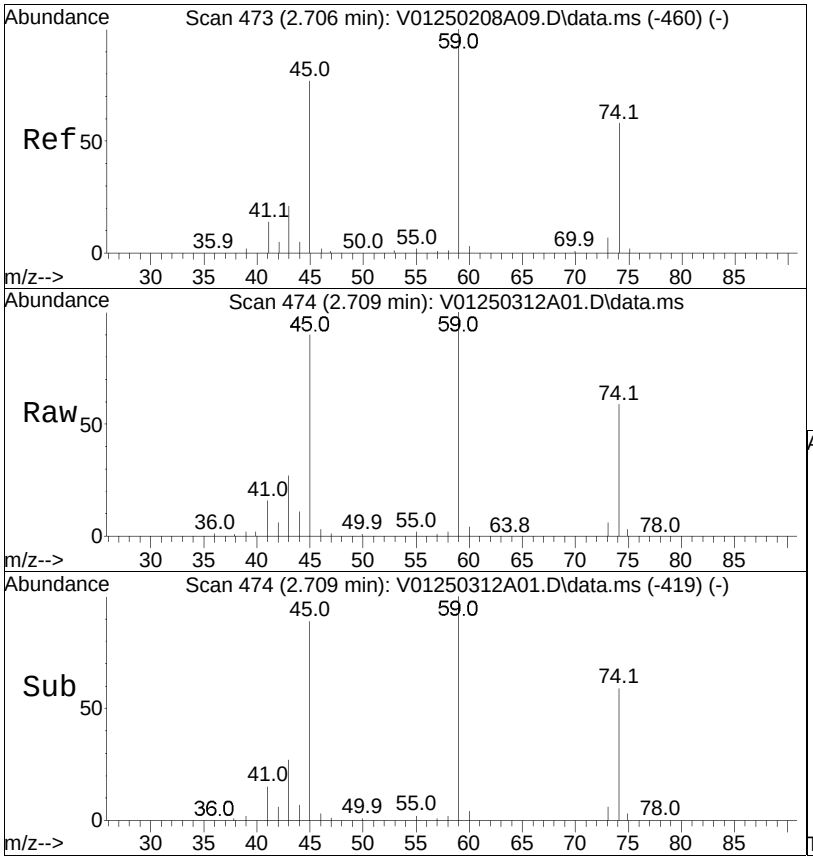


#7
Trichlorofluoromethane
Concen: 10.46 ug/L
RT: 2.421 min Scan# 371
Delta R.T. 0.002 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:101 Resp: 192583

Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.0	78.0

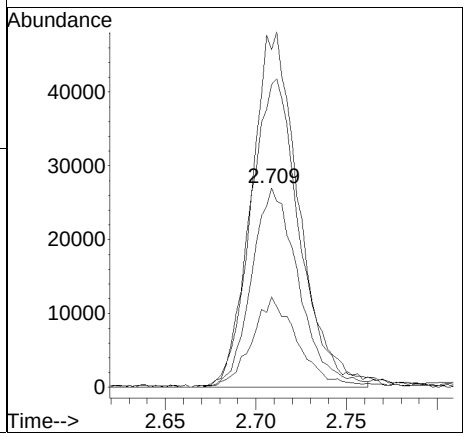


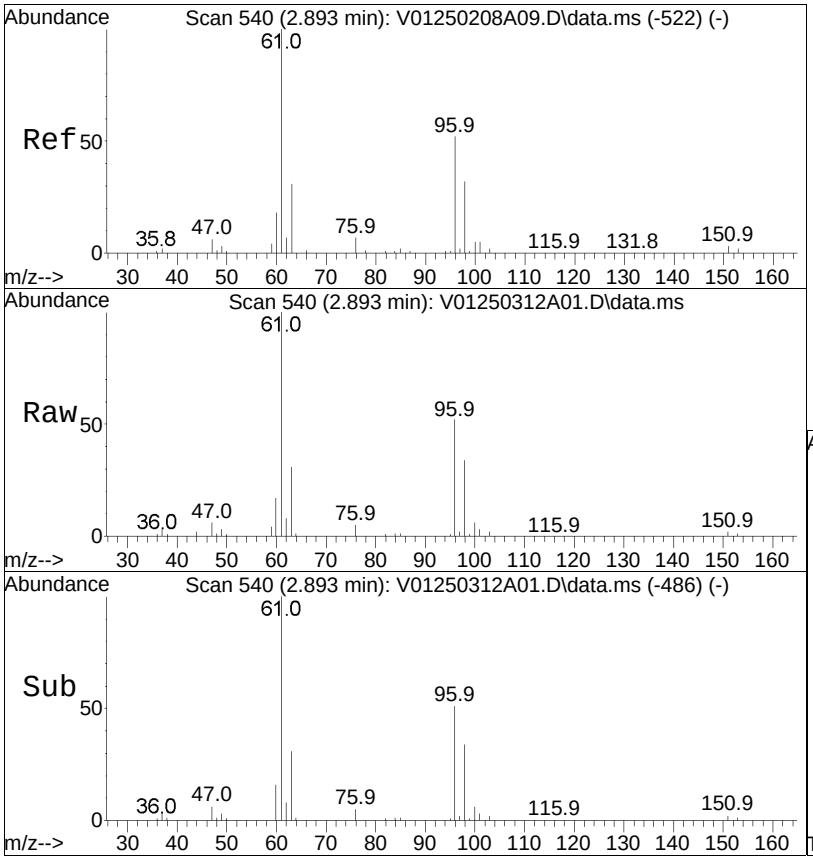


#8
Ethyl ether
Concen: 10.49 ug/L
RT: 2.709 min Scan# 474
Delta R.T. 0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 74 Resp: 49231

Ion	Ratio	Lower	Upper
74	100		
59	181.7	116.6	242.2
45	161.7	92.2	191.4
43	45.5	26.4	54.8

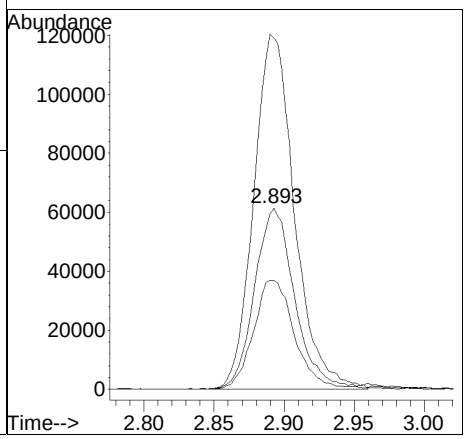


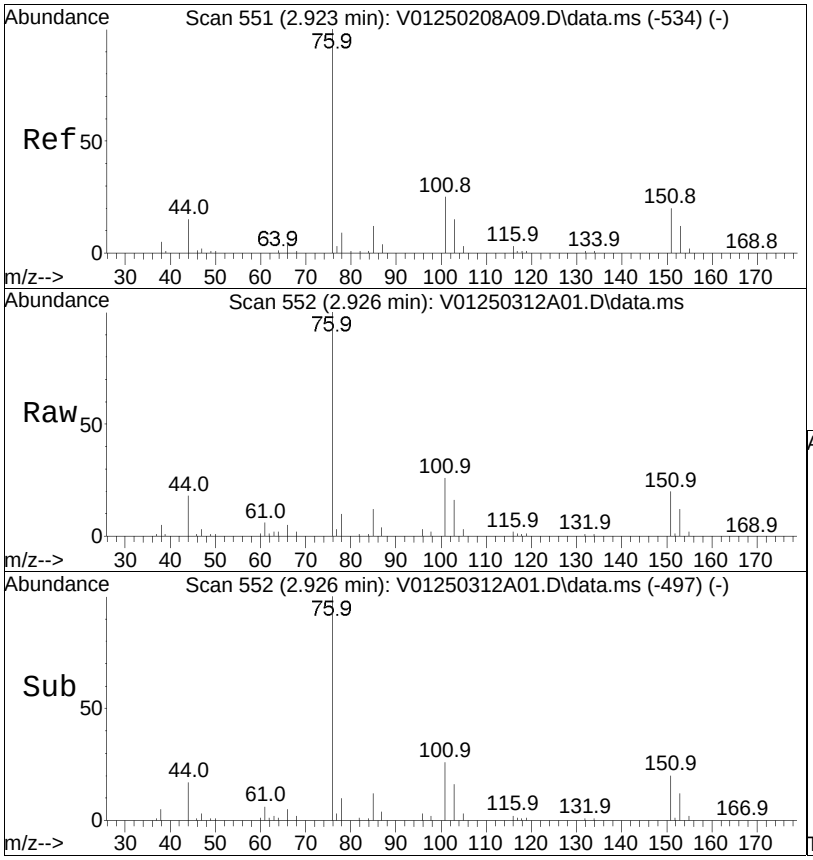


#10
1,1-Dichloroethene
Concen: 9.92 ug/L
RT: 2.893 min Scan# 540
Delta R.T. -0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 96 Resp: 123026

Ion	Ratio	Lower	Upper
96	100		
61	197.7	156.6	235.0
63	61.7	49.7	74.5

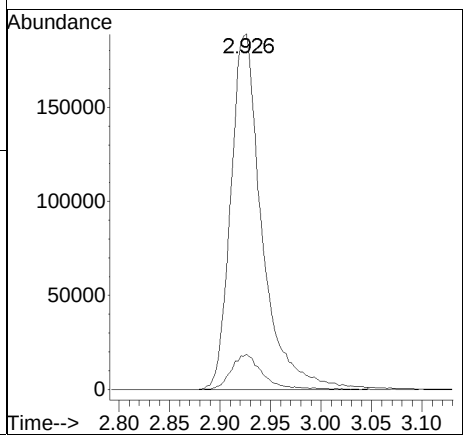


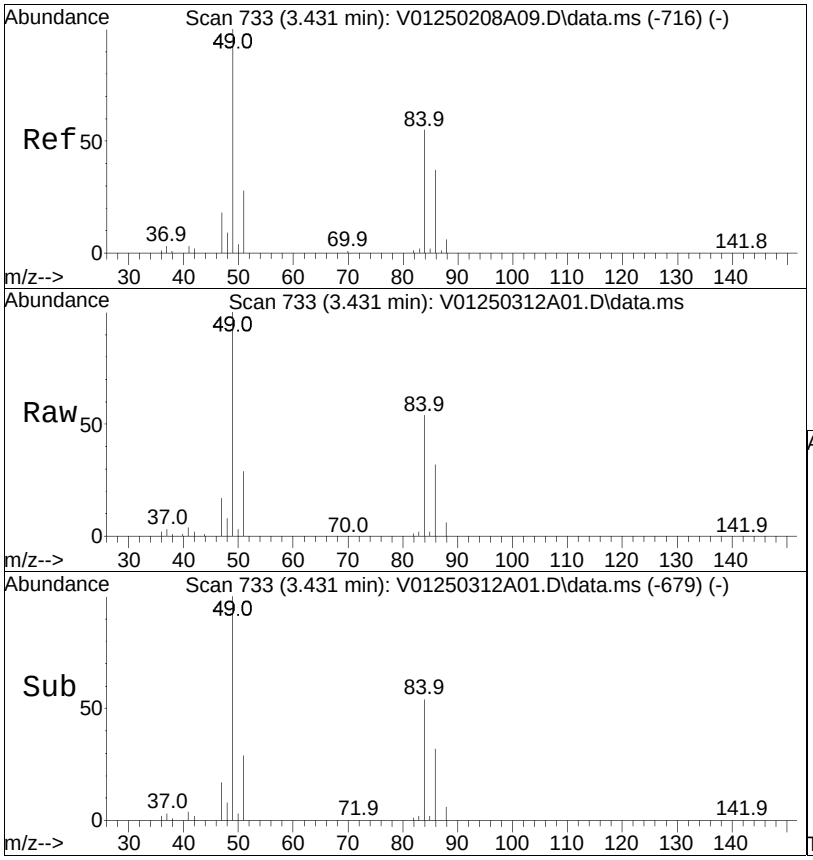


#11
Carbon disulfide
Concen: 9.89 ug/L
RT: 2.926 min Scan# 552
Delta R.T. 0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 76 Resp: 406283

Ion	Ratio	Lower	Upper
76	100		
78	9.7	6.3	13.1

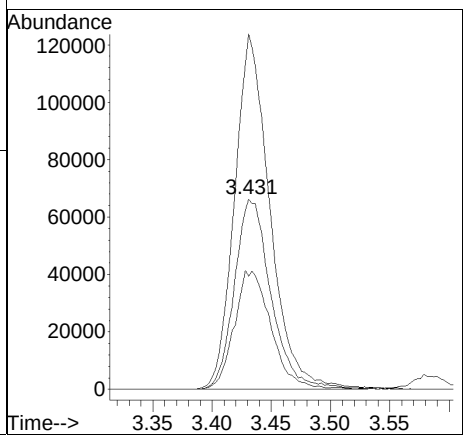


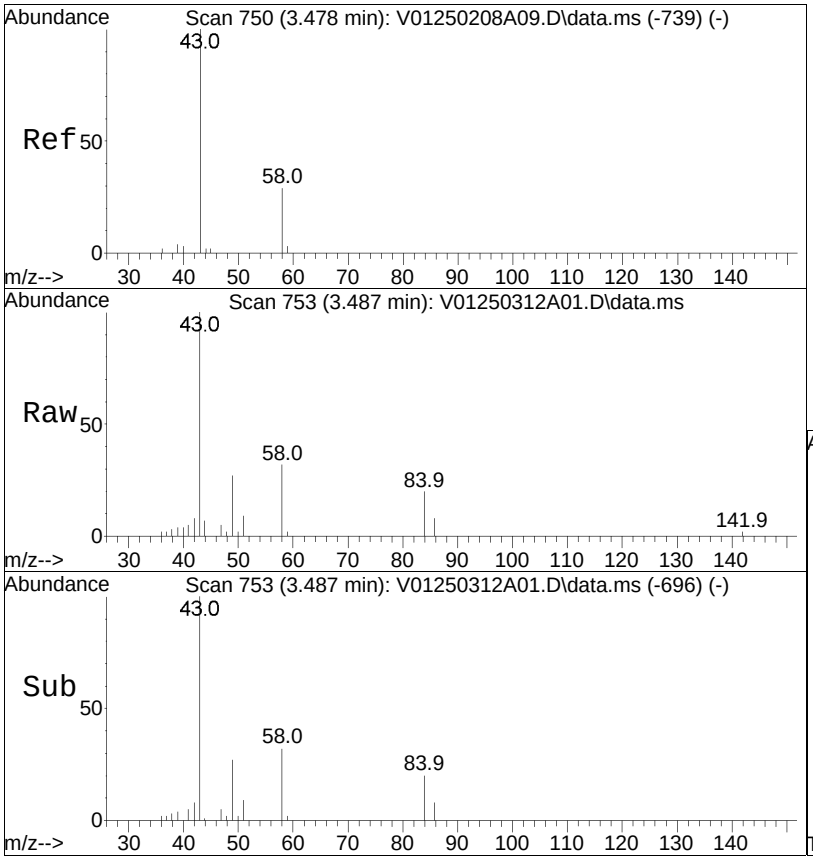


#15
Methylene chloride
Concen: 9.66 ug/L
RT: 3.431 min Scan# 733
Delta R.T. -0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 84 Resp: 142931

Ion	Ratio	Lower	Upper
84	100		
86	62.4	41.7	86.5
49	179.6	114.6	238.0

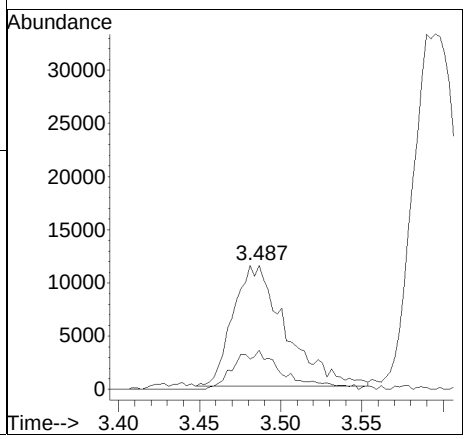


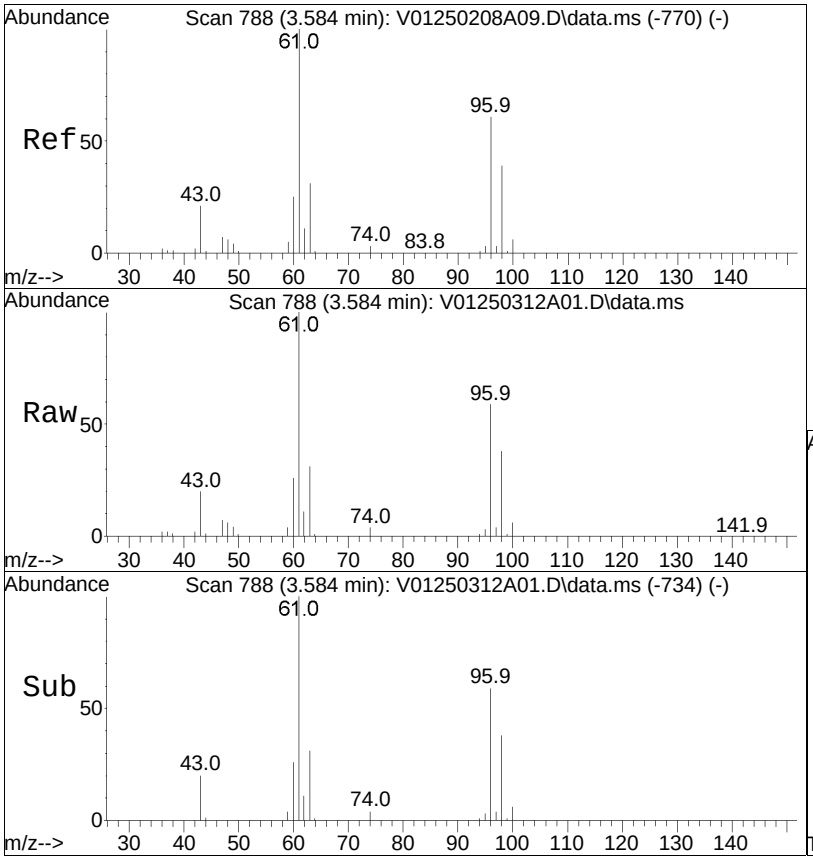


#17
Acetone
Concen: 8.93 ug/L
RT: 3.487 min Scan# 753
Delta R.T. 0.009 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 43 Resp: 25901

Ion	Ratio	Lower	Upper
43	100		
58	11.3	22.6	33.8#

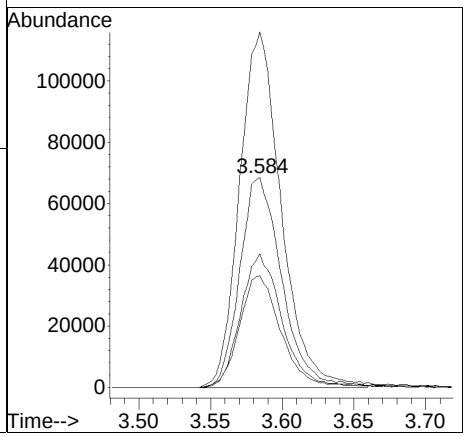


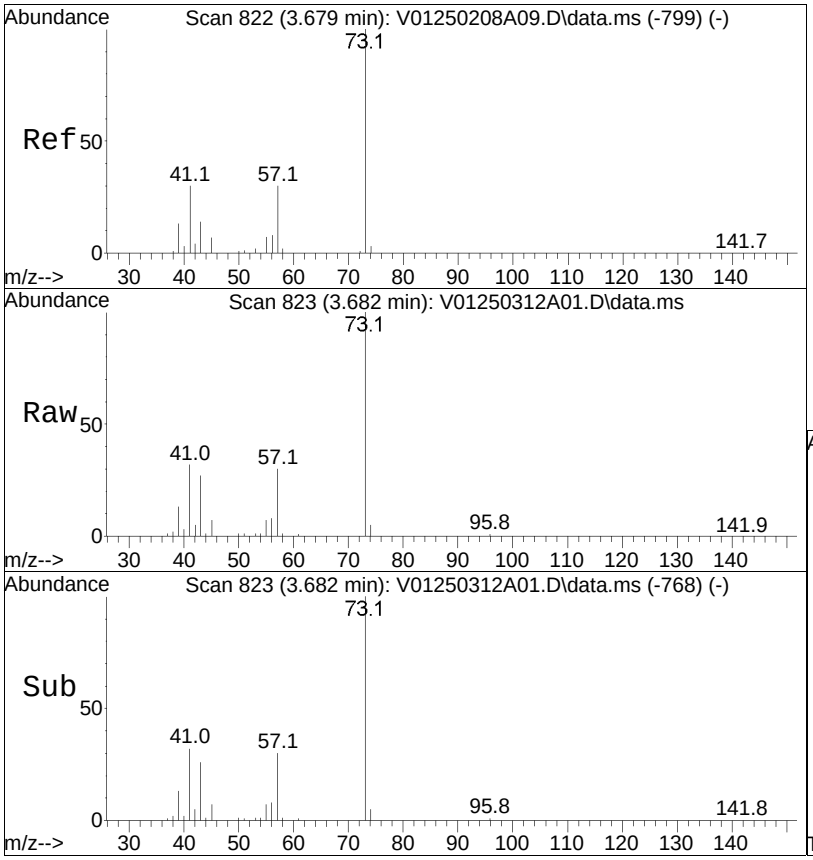


#18
trans-1,2-Dichloroethene
Concen: 10.09 ug/L
RT: 3.584 min Scan# 788
Delta R.T. 0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 96 Resp: 139616

Ion	Ratio	Lower	Upper
96	100		
61	168.4	109.8	228.0
98	62.4	41.5	86.1
63	52.5	33.9	70.3

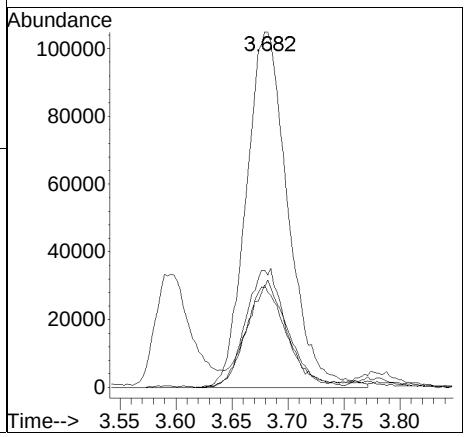


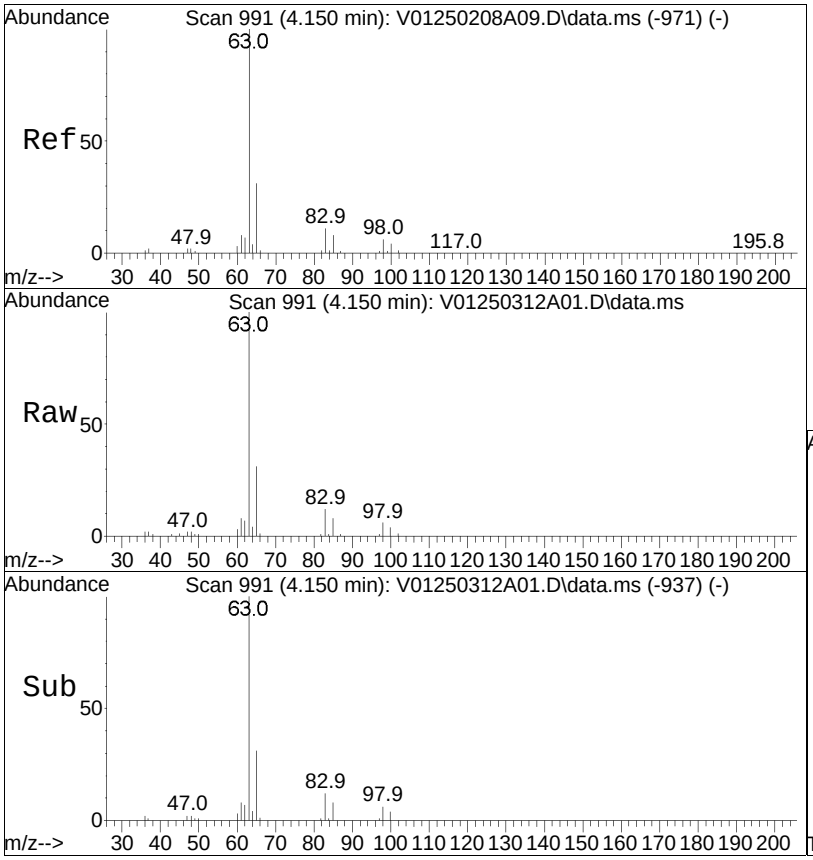


#20
Methyl tert-butyl ether
Concen: 9.40 ug/L
RT: 3.682 min Scan# 823
Delta R.T. 0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 73 Resp: 272385

Ion	Ratio	Lower	Upper
73	100		
57	28.9	18.7	38.7
43	25.5	16.1	33.3
41	32.9	21.0	43.6

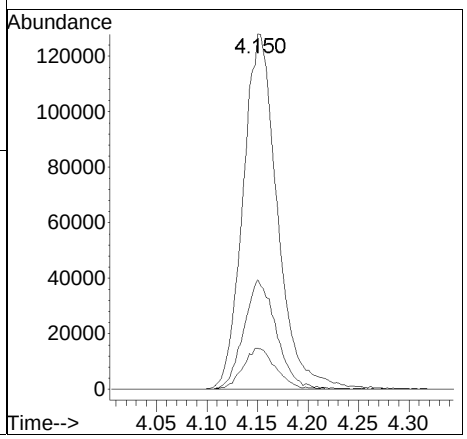


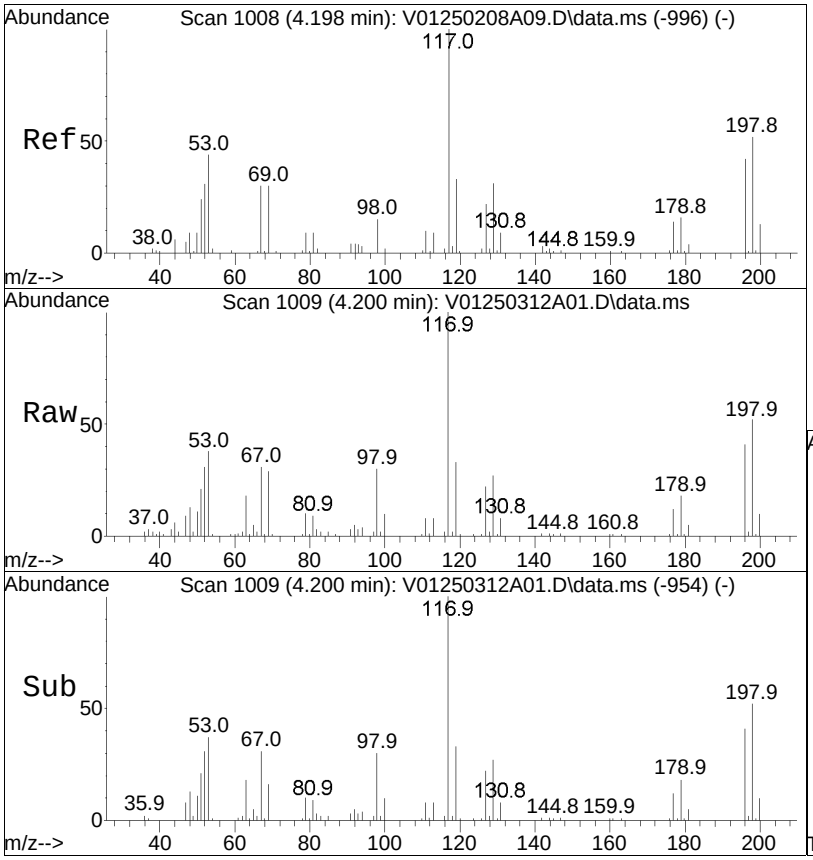


#23
1,1-Dichloroethane
Concen: 10.22 ug/L
RT: 4.150 min Scan# 991
Delta R.T. 0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 63 Resp: 304112

Ion	Ratio	Lower	Upper
63	100		
65	29.4	10.3	50.3
83	11.0	0.0	31.1

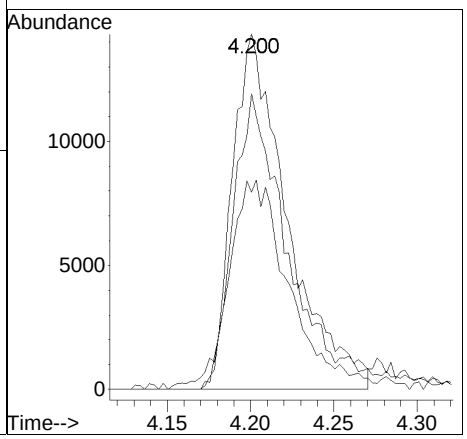


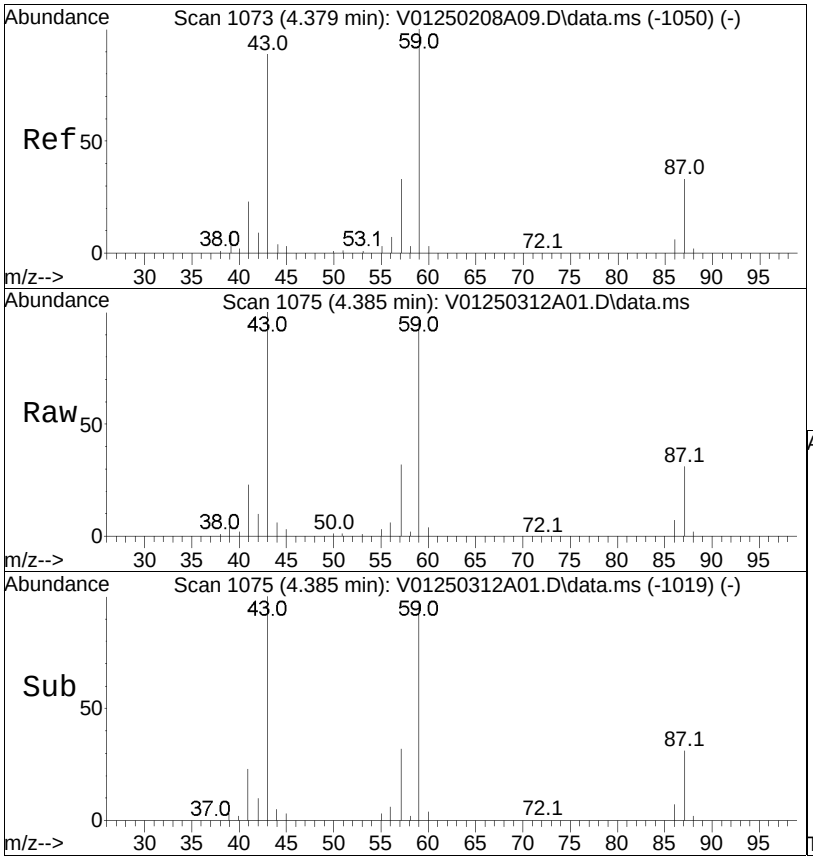


#25
Acrylonitrile
Concen: 9.64 ug/L
RT: 4.200 min Scan# 1009
Delta R.T. 0.002 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 53 Resp: 33056

Ion	Ratio	Lower	Upper
53	100		
52	78.1	67.5	101.3
51	64.1	51.1	76.7

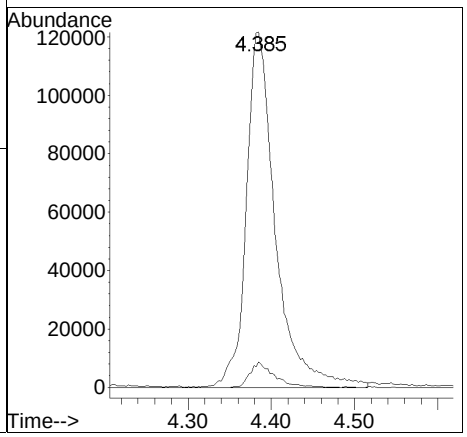


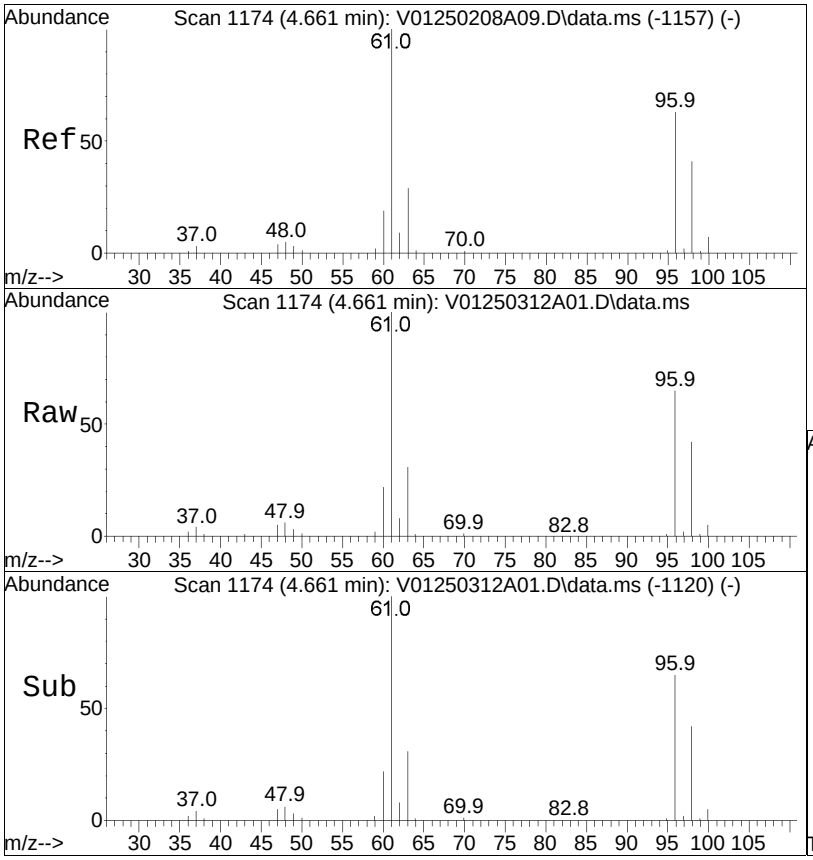


#27
Vinyl acetate
Concen: 10.10 ug/L
RT: 4.385 min Scan# 1075
Delta R.T. 0.006 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 43 Resp: 296845

Ion	Ratio	Lower	Upper
43	100		
86	5.9	5.0	7.6

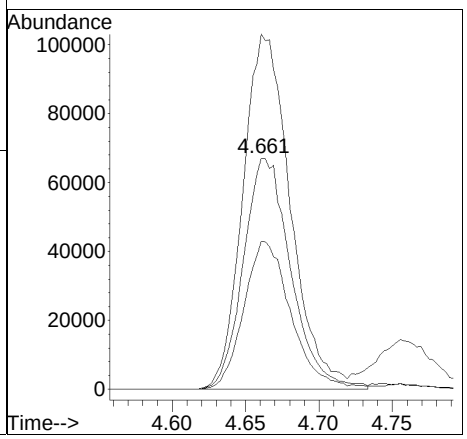


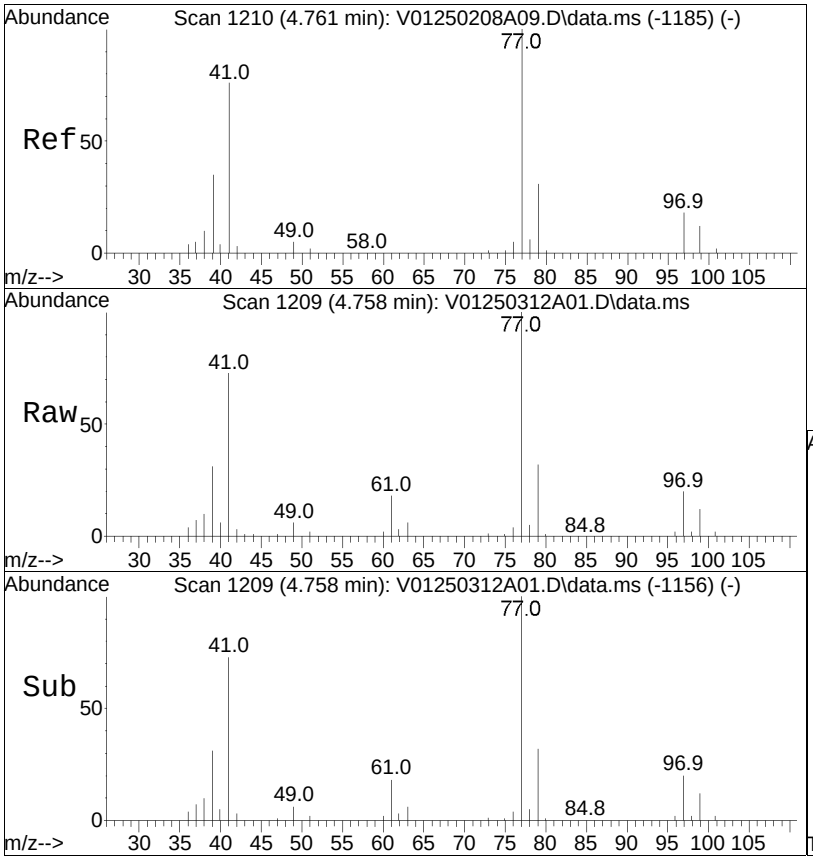


#28
cis-1,2-Dichloroethene
Concen: 9.97 ug/L
RT: 4.661 min Scan# 1174
Delta R.T. -0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 96 Resp: 151121

Ion	Ratio	Lower	Upper
96	100		
61	153.4	123.3	184.9
98	64.0	51.0	76.6

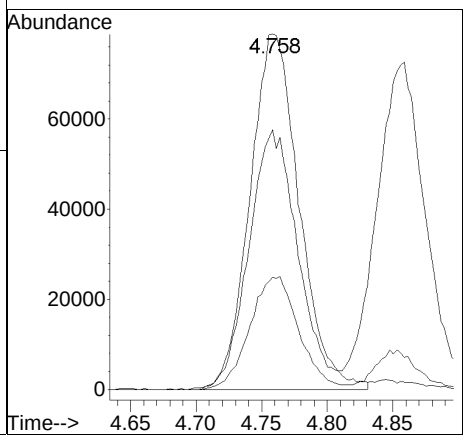


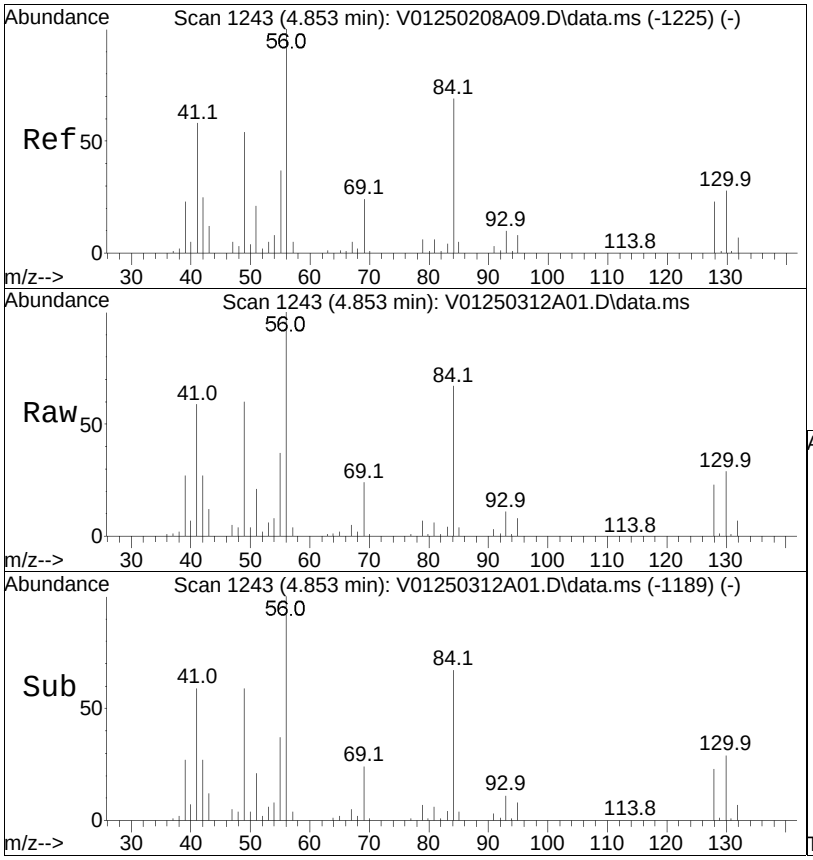


#29
2,2-Dichloropropane
Concen: 11.27 ug/L
RT: 4.758 min Scan# 1209
Delta R.T. -0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 77 Resp: 205956

Ion	Ratio	Lower	Upper
77	100		
41	72.7	49.4	102.6
79	31.6	20.7	42.9

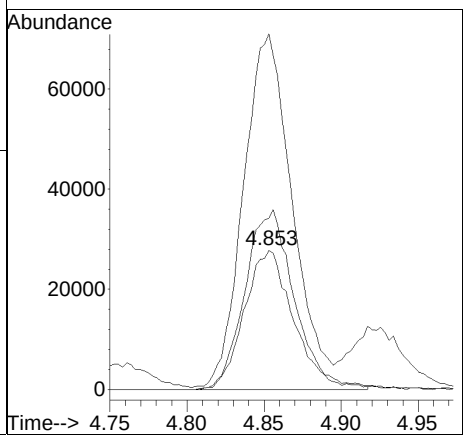


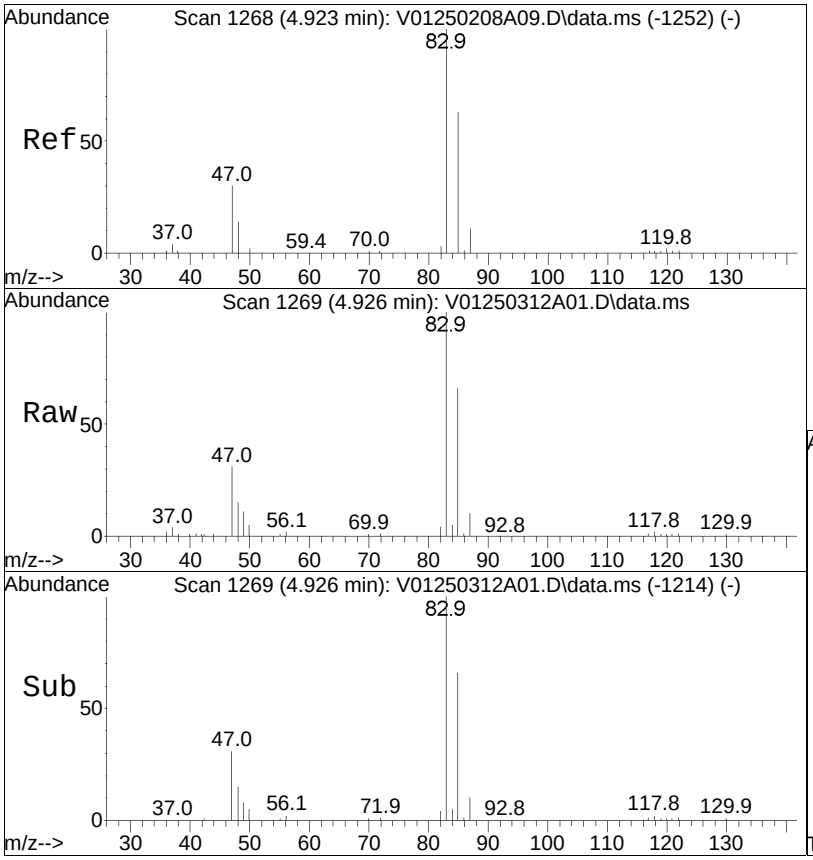


#30
Bromochloromethane
Concen: 10.32 ug/L
RT: 4.853 min Scan# 1243
Delta R.T. 0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:128 Resp: 61690

Ion	Ratio	Lower	Upper
128	100		
49	250.0	194.0	291.0
130	131.1	104.6	157.0

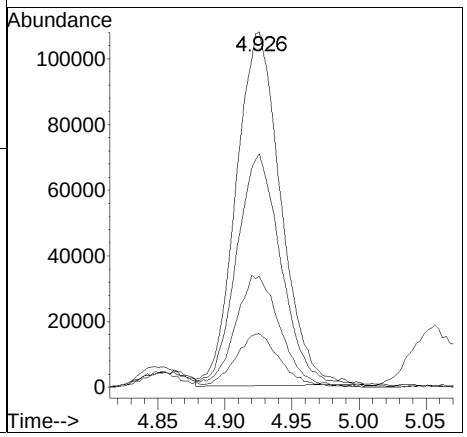


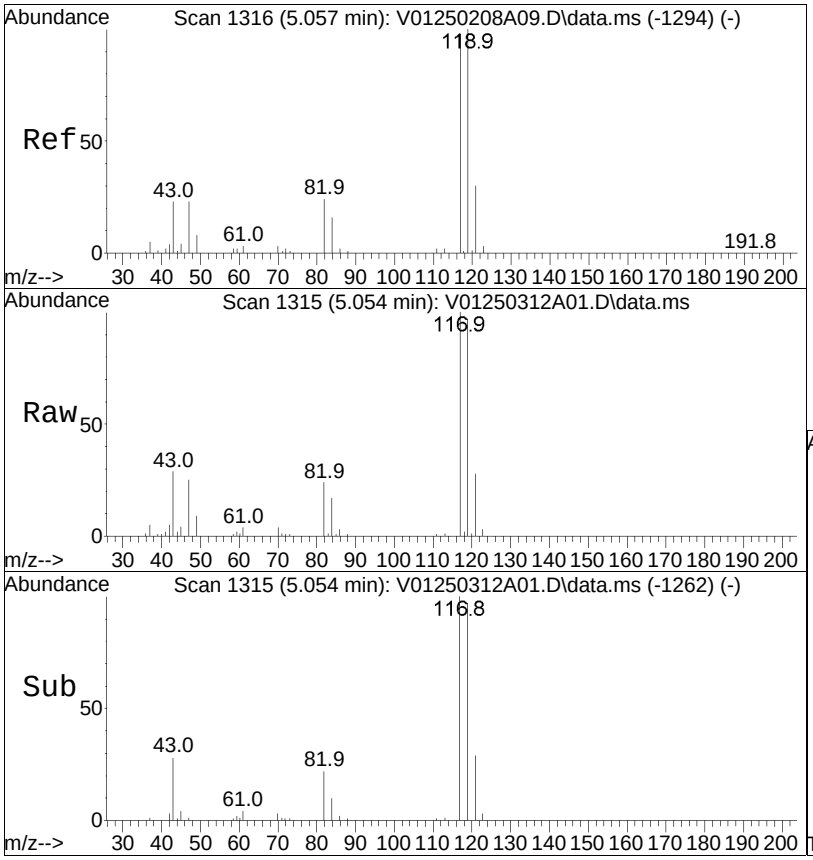


#32
Chloroform
Concen: 10.16 ug/L
RT: 4.926 min Scan# 1269
Delta R.T. 0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 83 Resp: 250032

Ion	Ratio	Lower	Upper
83	100		
85	66.1	41.9	87.1
47	31.2	19.2	39.8
48	15.4	9.3	19.3

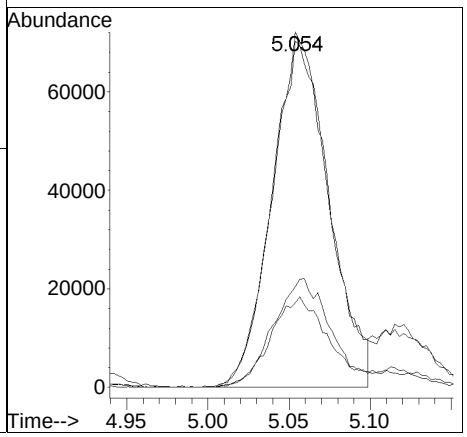


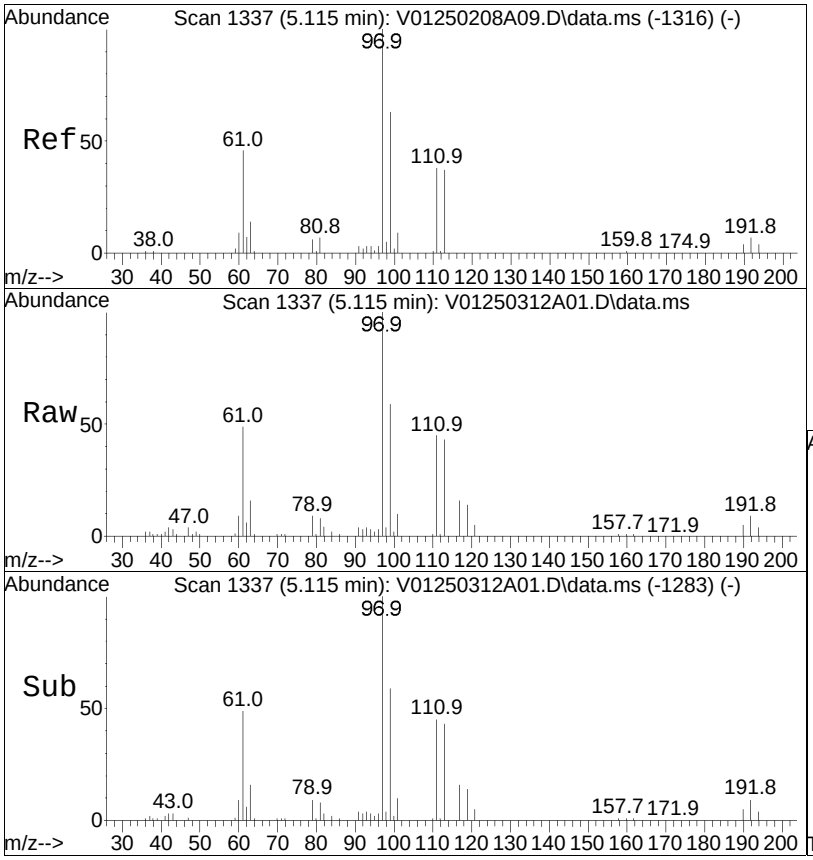


#34
Carbon tetrachloride
Concen: 9.77 ug/L
RT: 5.054 min Scan# 1315
Delta R.T. -0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:117 Resp: 175367

Ion	Ratio	Lower	Upper
117	100		
119	99.9	65.5	135.9
121	31.8	21.1	43.7
82	26.5	17.2	35.6

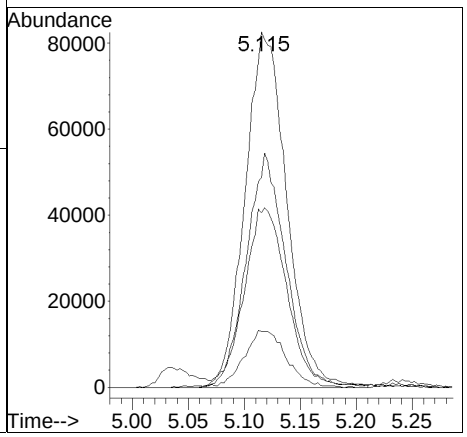


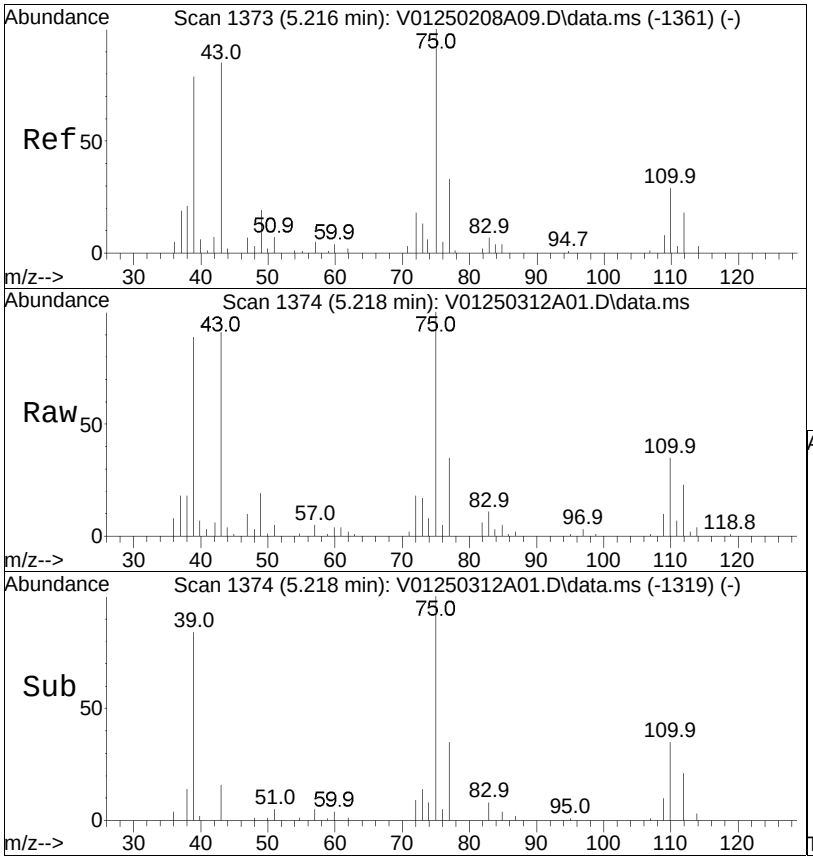


#37
1,1,1-Trichloroethane
Concen: 10.14 ug/L
RT: 5.115 min Scan# 1337
Delta R.T. 0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 97 Resp: 214180

Ion	Ratio	Lower	Upper
97	100		
99	62.5	41.7	86.5
61	50.3	33.0	68.6
63	15.3	4.1	8.5#

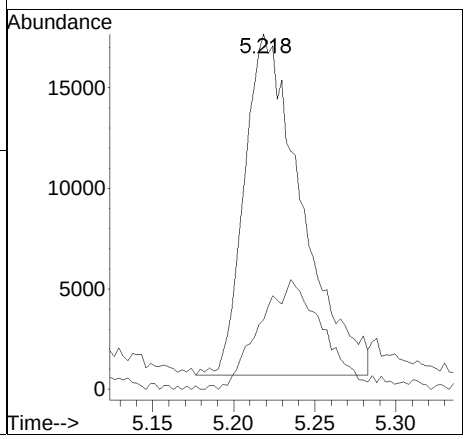


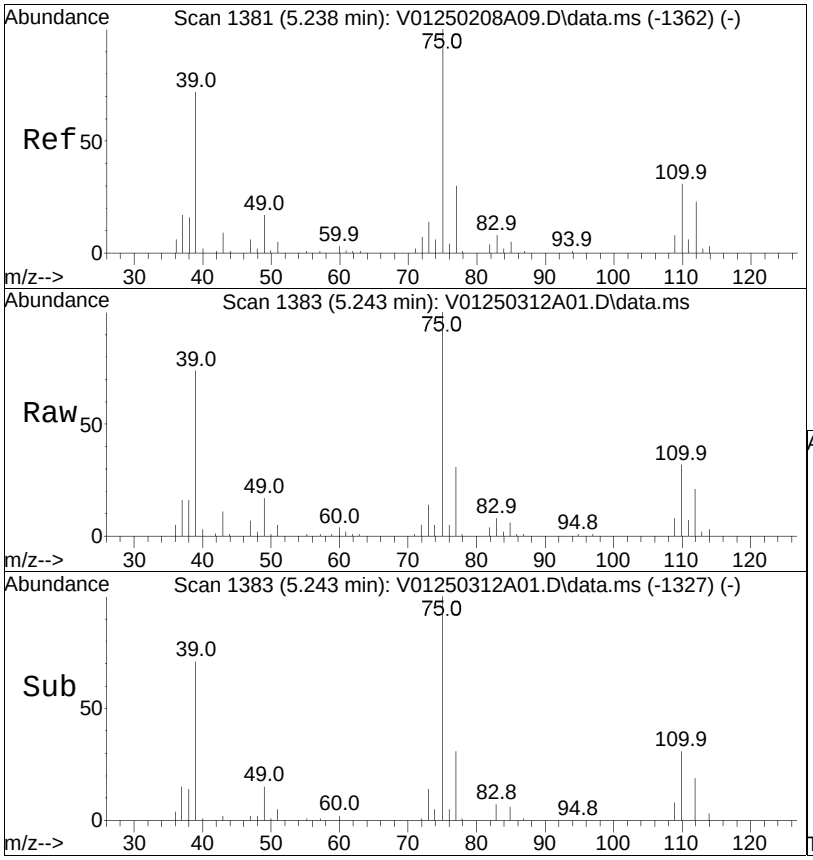


#39
2-Butanone
Concen: 10.14 ug/L
RT: 5.218 min Scan# 1374
Delta R.T. 0.002 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 43 Resp: 41498

Ion	Ratio	Lower	Upper
43	100		
72	35.1	16.5	24.7#

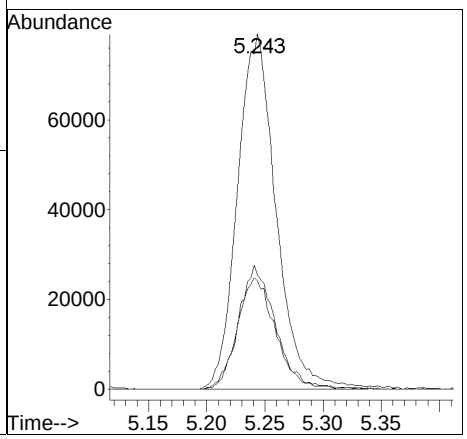


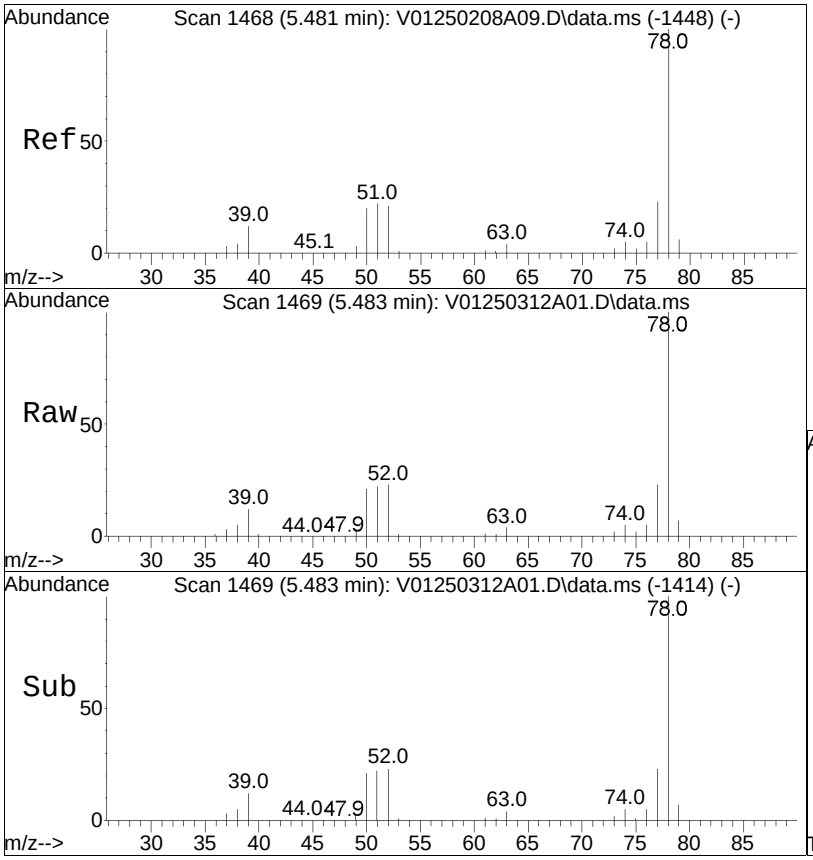


#40
1,1-Dichloropropene
Concen: 9.92 ug/L
RT: 5.243 min Scan# 1383
Delta R.T. 0.005 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 75 Resp: 182730

Ion	Ratio	Lower	Upper
75	100		
110	33.3	21.4	44.4
77	30.5	19.8	41.2

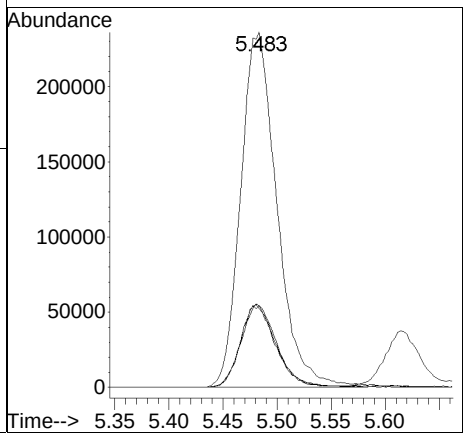


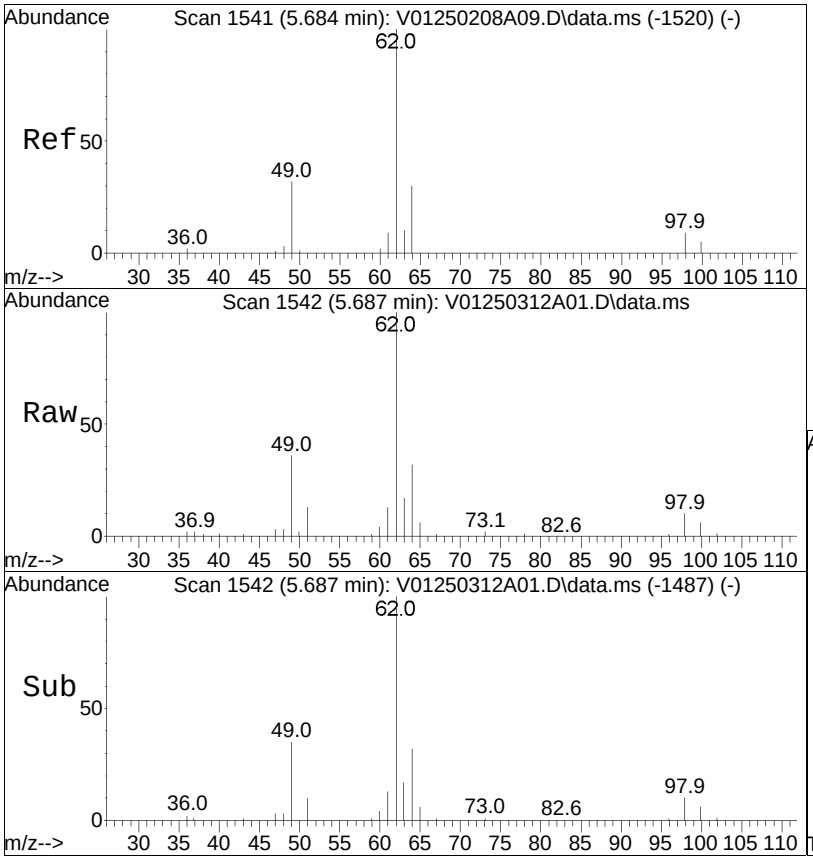


#41
Benzene
Concen: 10.25 ug/L
RT: 5.483 min Scan# 1469
Delta R.T. 0.002 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 78 Resp: 552624

Ion	Ratio	Lower	Upper
78	100		
77	23.4	15.0	31.2
51	22.8	14.6	30.2
52	22.2	14.4	30.0

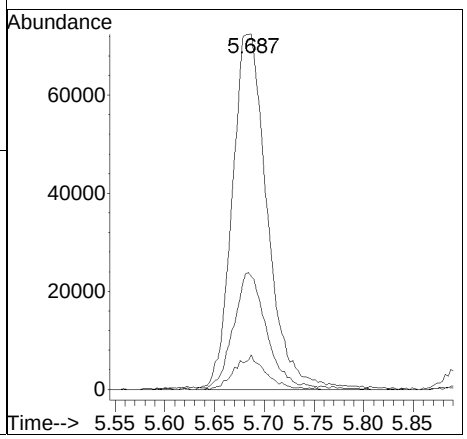


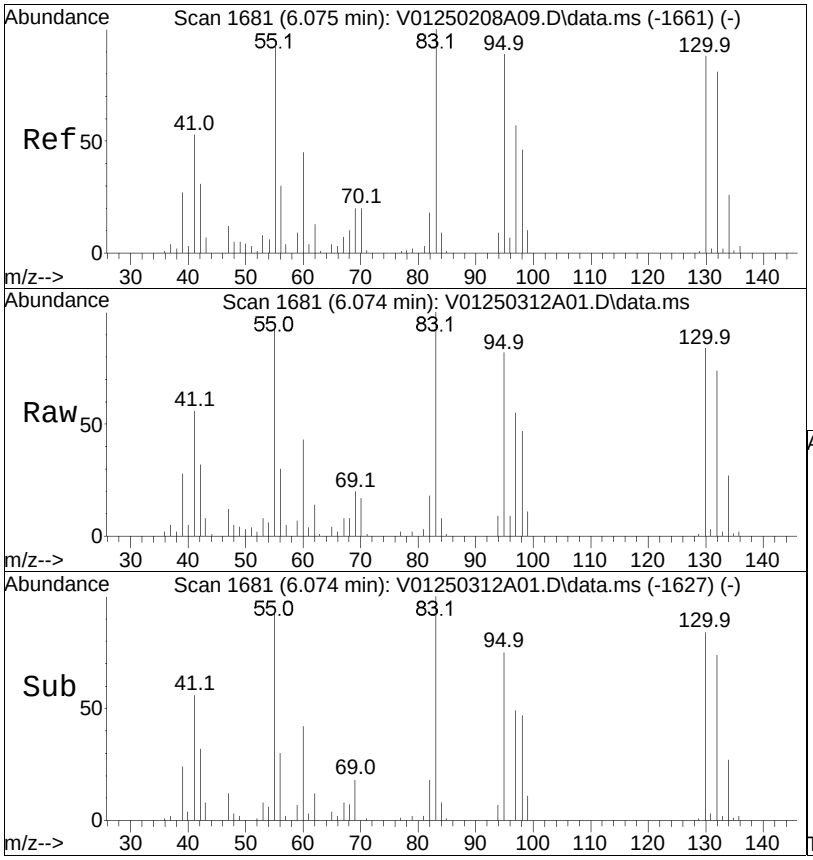


#44
1,2-Dichloroethane
Concen: 10.02 ug/L
RT: 5.687 min Scan# 1542
Delta R.T. 0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 62 Resp: 178032

Ion	Ratio	Lower	Upper
62	100		
64	29.7	12.0	52.0
98	8.4	0.0	28.5

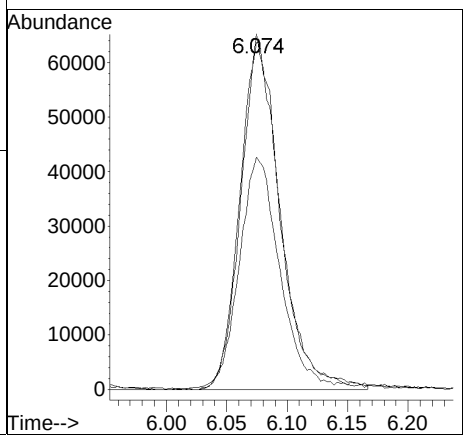


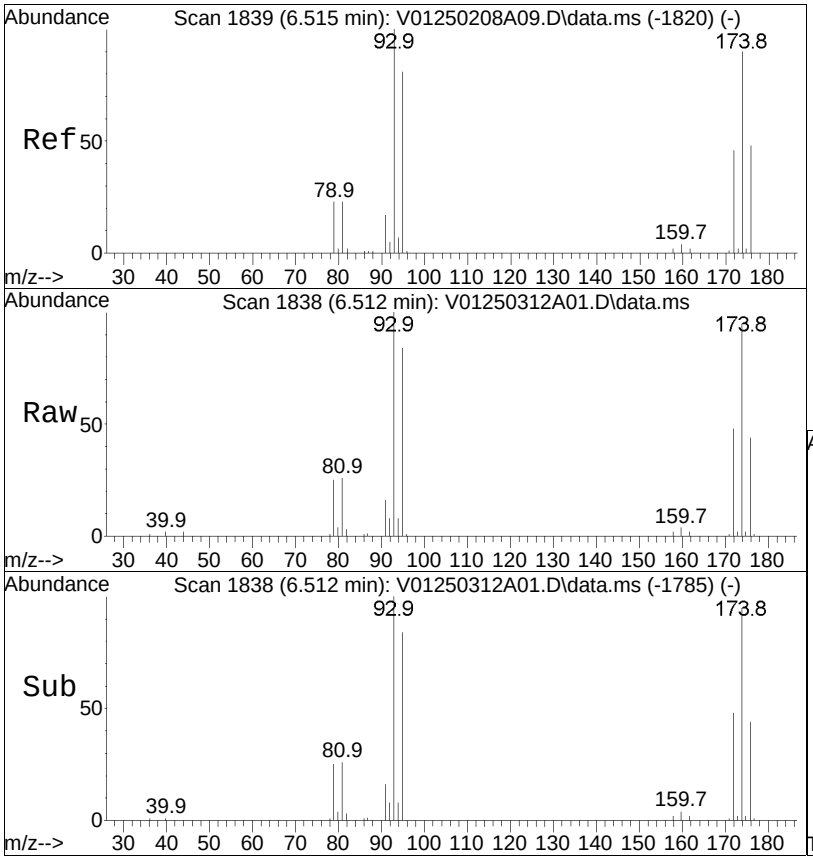


#48
Trichloroethene
Concen: 10.10 ug/L
RT: 6.074 min Scan# 1681
Delta R.T. -0.001 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 95 Resp: 150377

Ion	Ratio	Lower	Upper
95	100		
97	66.4	52.6	78.8
130	96.0	78.4	117.6

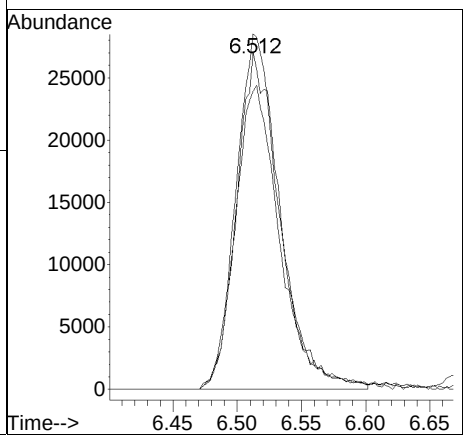


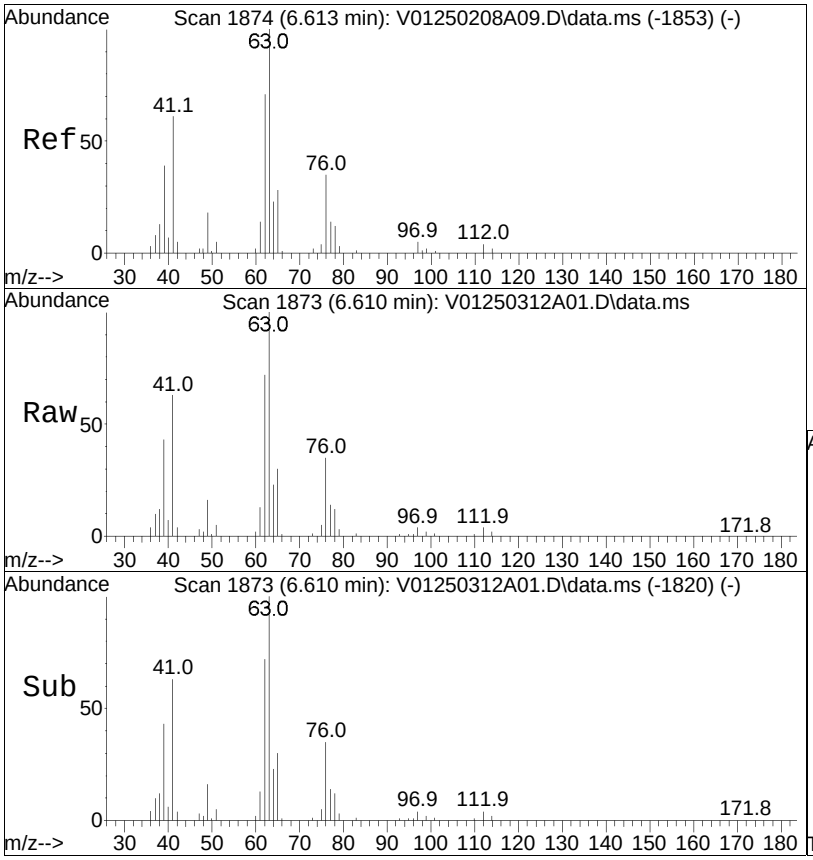


#50
Dibromomethane
Concen: 9.81 ug/L
RT: 6.512 min Scan# 1838
Delta R.T. -0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 93 Resp: 67231

Ion	Ratio	Lower	Upper
93	100		
95	87.4	67.5	101.3
174	95.7	75.2	112.8

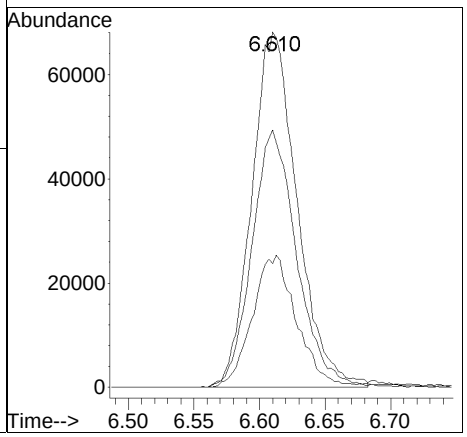


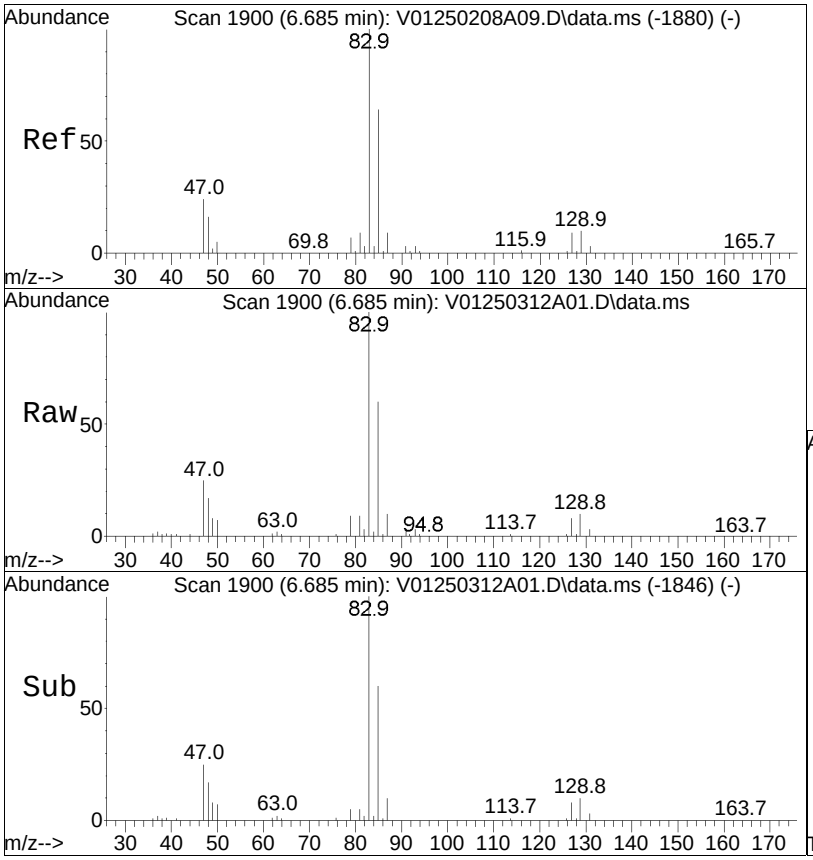


#51
1,2-Dichloropropane
Concen: 9.99 ug/L
RT: 6.610 min Scan# 1873
Delta R.T. -0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 63 Resp: 164340

Ion	Ratio	Lower	Upper
63	100		
62	71.6	57.2	85.8
76	36.3	29.8	44.8

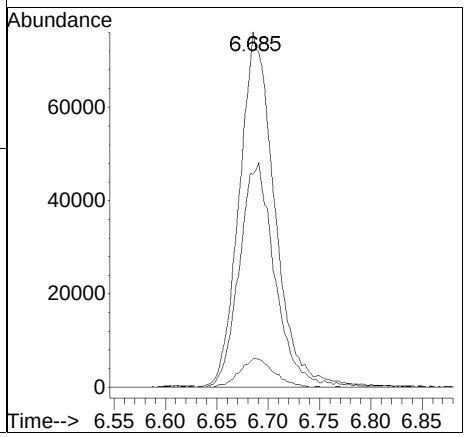


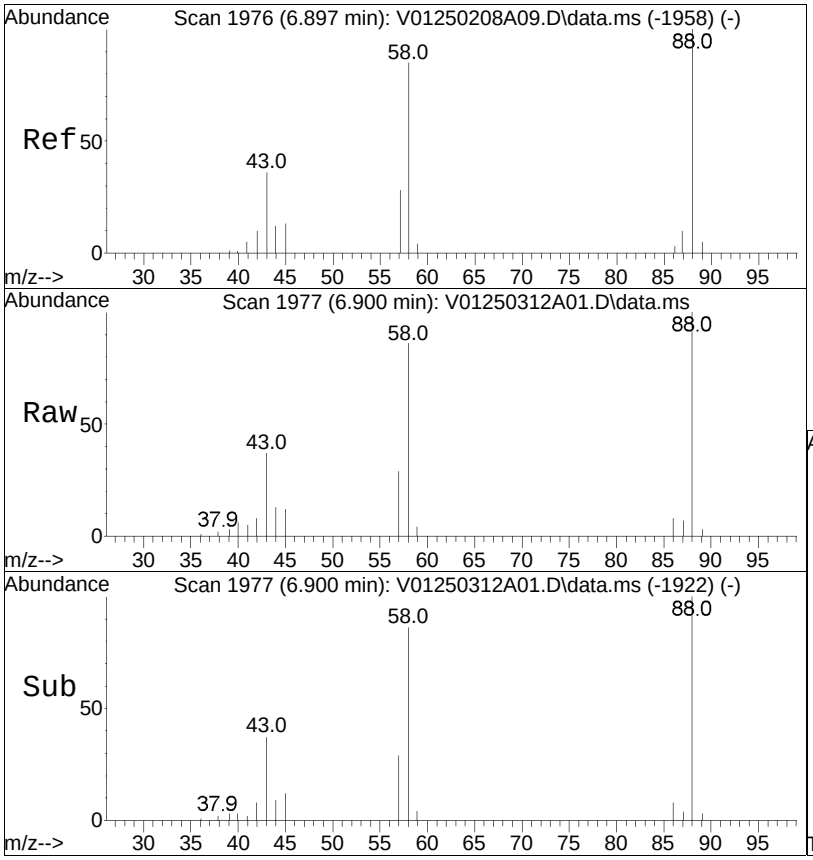


#54
Bromodichloromethane
Concen: 10.01 ug/L
RT: 6.685 min Scan# 1900
Delta R.T. 0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 83 Resp: 182933

Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.0	76.4
127	8.0	6.6	9.8

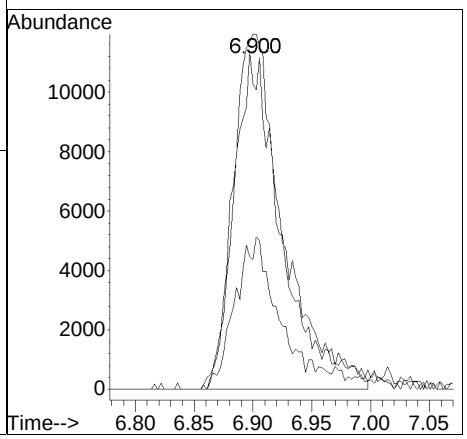


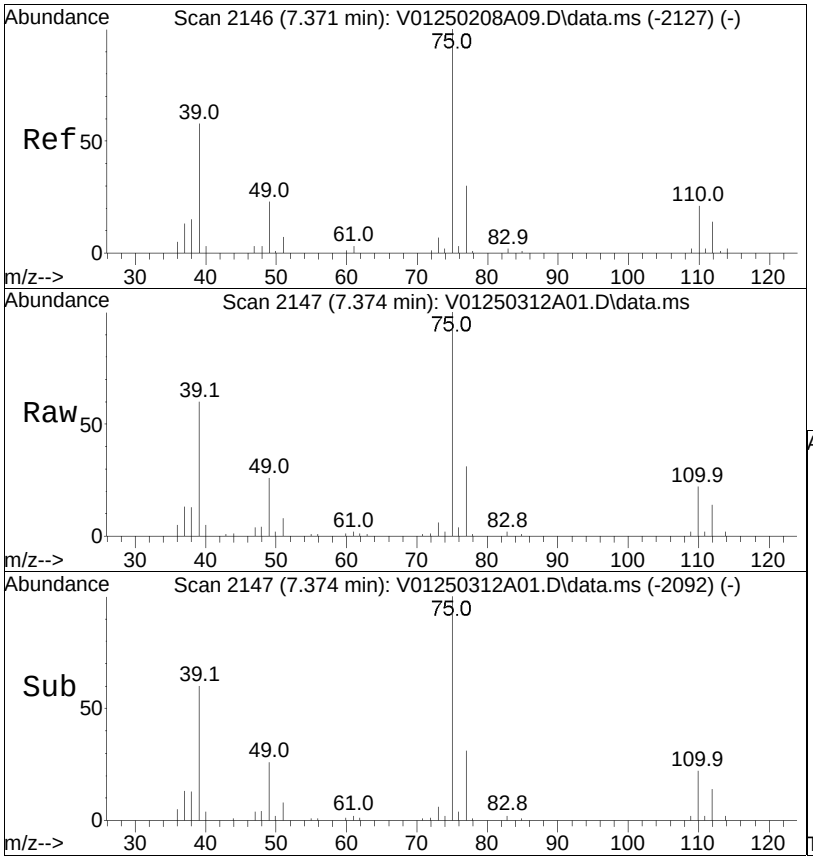


#57
1,4-Dioxane
Concen: 487.37 ug/L M1
RT: 6.900 min Scan# 1977
Delta R.T. 0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 88 Resp: 35678

Ion	Ratio	Lower	Upper
88	100		
58	83.3	61.8	92.6
43	35.4	25.0	37.4

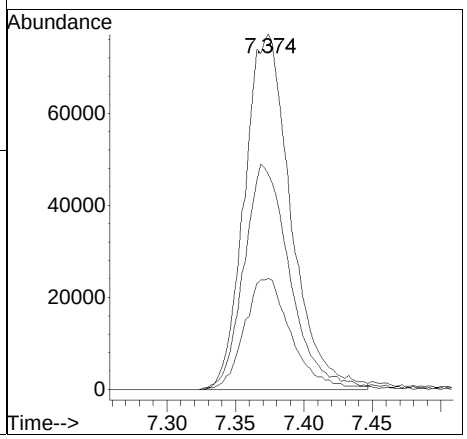


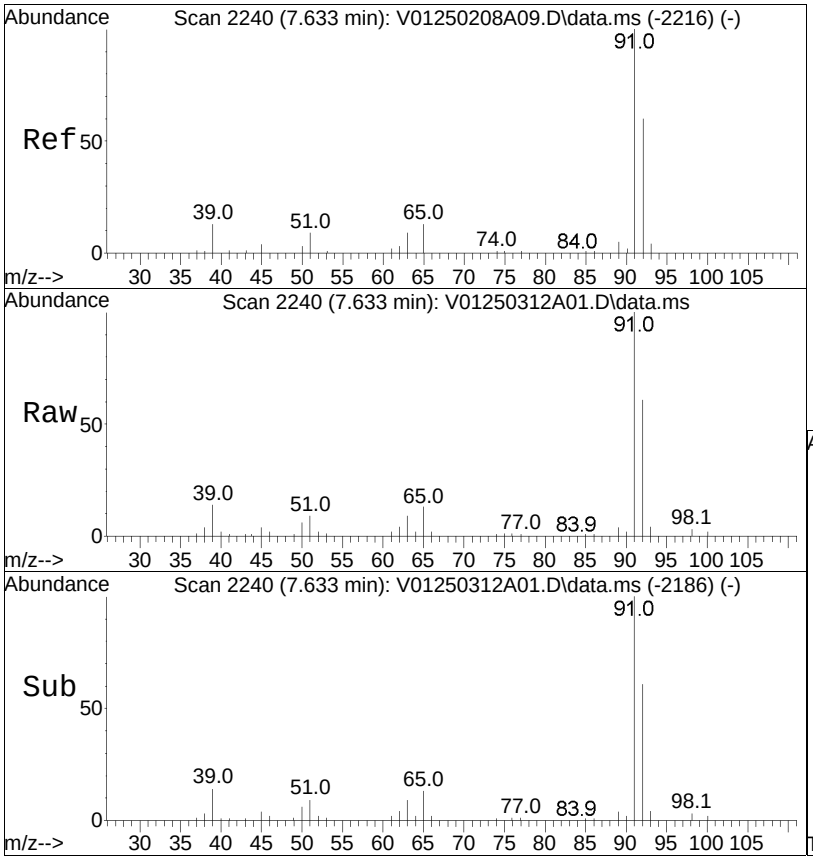


#58
cis-1,3-Dichloropropene
Concen: 8.99 ug/L
RT: 7.374 min Scan# 2147
Delta R.T. 0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 75 Resp: 181815

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.0
39	62.7	47.9	71.9

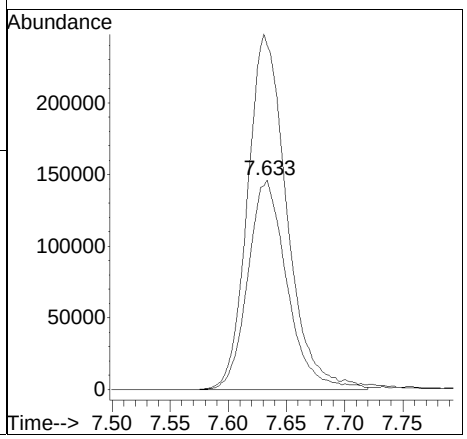


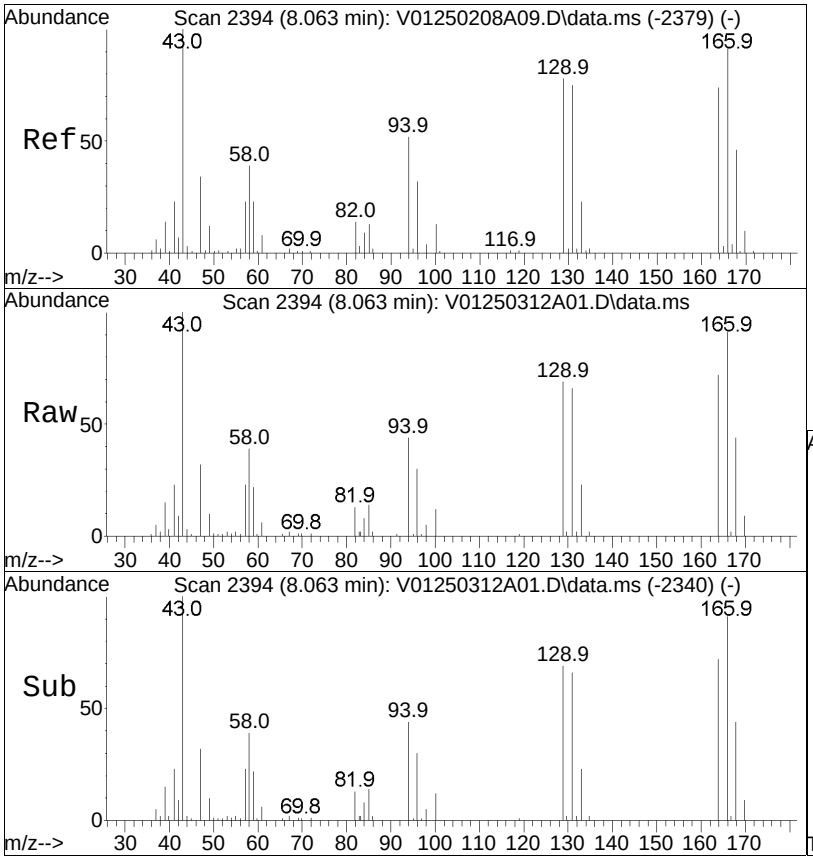


#61
Toluene
Concen: 10.38 ug/L
RT: 7.633 min Scan# 2240
Delta R.T. 0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 92 Resp: 341690

Ion	Ratio	Lower	Upper
92	100		
91	168.3	136.0	204.0

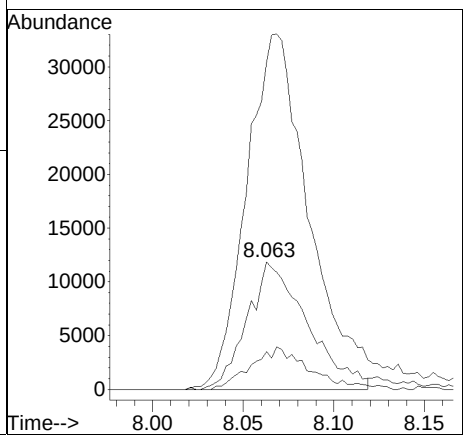


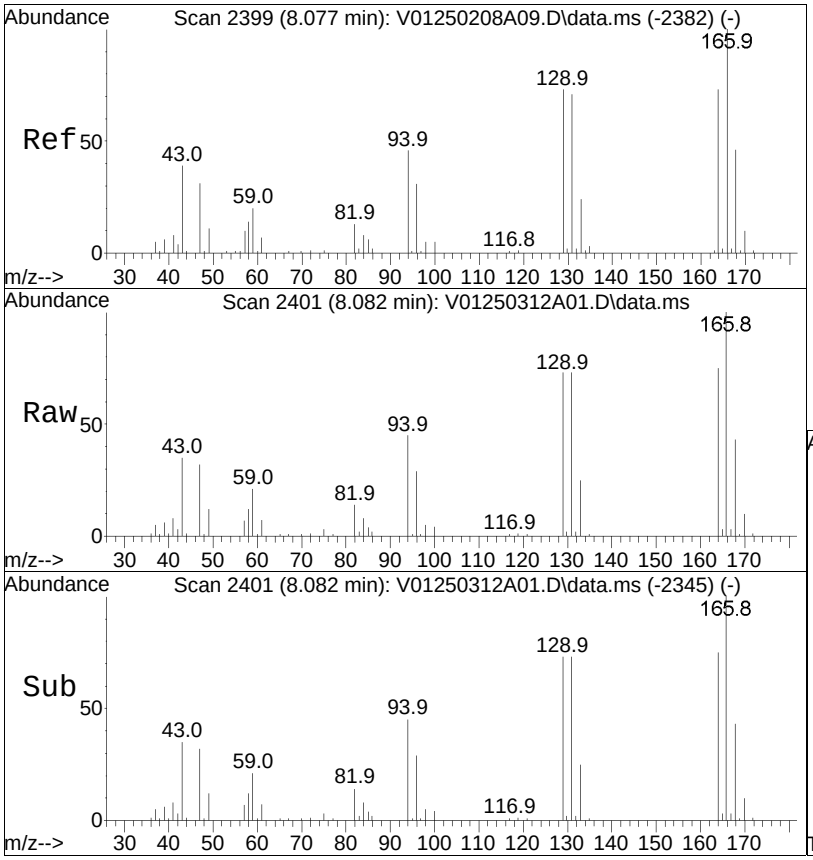


#62
4-Methyl-2-pentanone
Concen: 8.56 ug/L
RT: 8.063 min Scan# 2394
Delta R.T. -0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 58 Resp: 27272

Ion	Ratio	Lower	Upper
58	100		
100	32.2	24.6	36.8
43	302.5	231.0	346.6

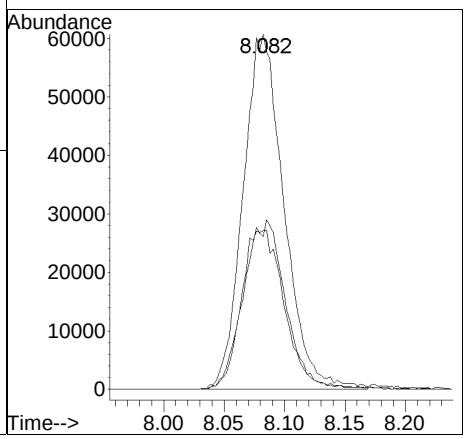


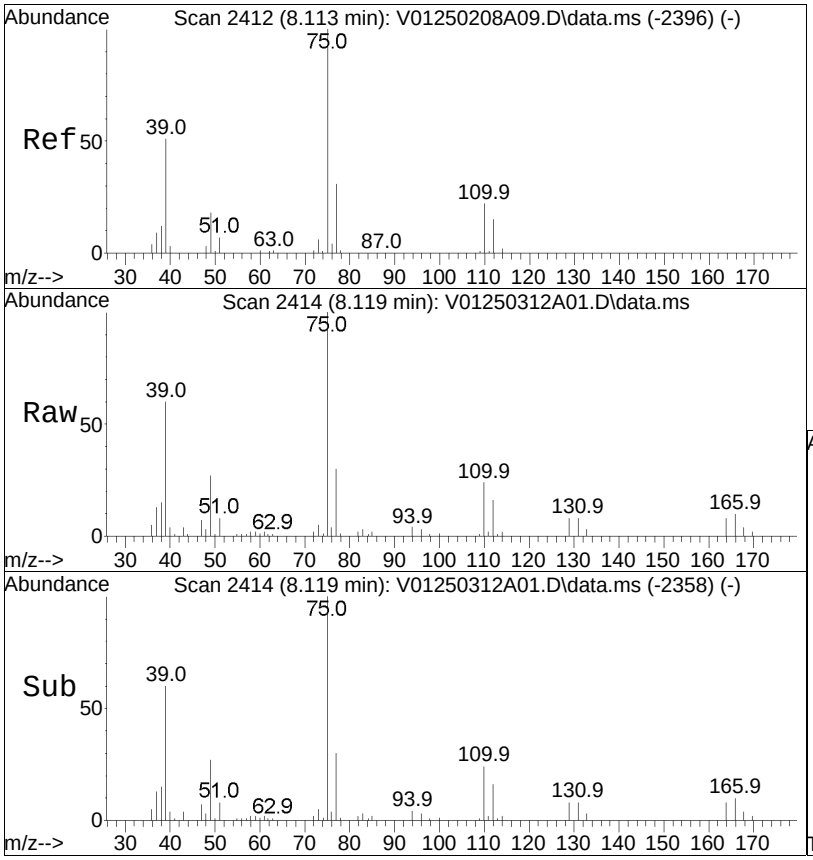


#63
Tetrachloroethene
Concen: 10.85 ug/L
RT: 8.082 min Scan# 2401
Delta R.T. 0.005 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:166 Resp: 143209

Ion	Ratio	Lower	Upper
166	100		
168	48.1	28.4	68.4
94	47.3	29.3	69.3

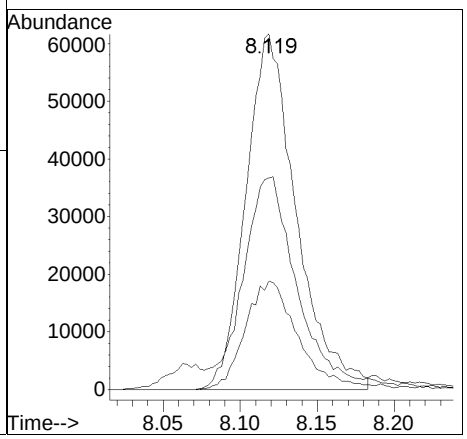


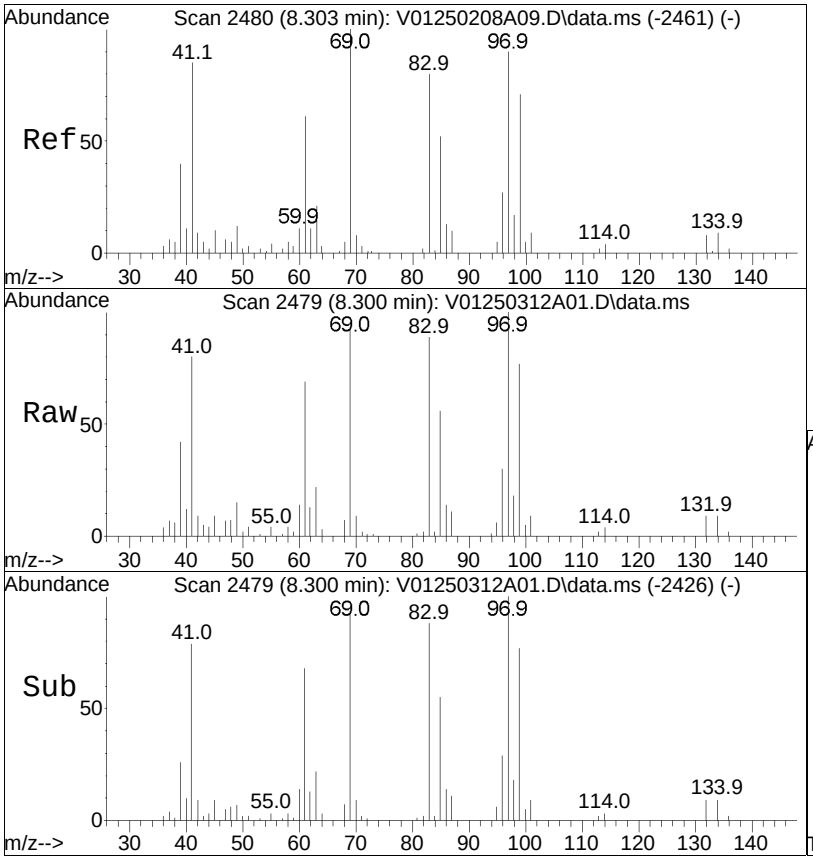


#65
trans-1,3-Dichloropropene
Concen: 9.17 ug/L
RT: 8.119 min Scan# 2414
Delta R.T. 0.006 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 75 Resp: 140609

Ion	Ratio	Lower	Upper
75	100		
77	31.9	11.1	51.1
39	62.0	36.8	76.8

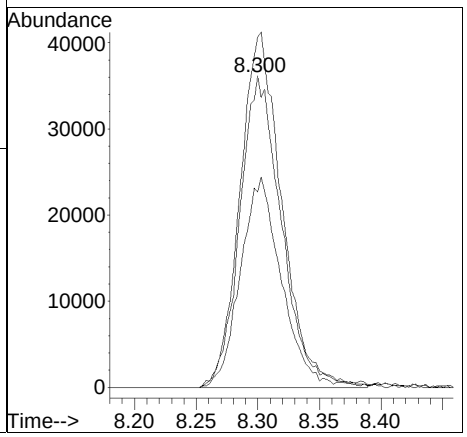


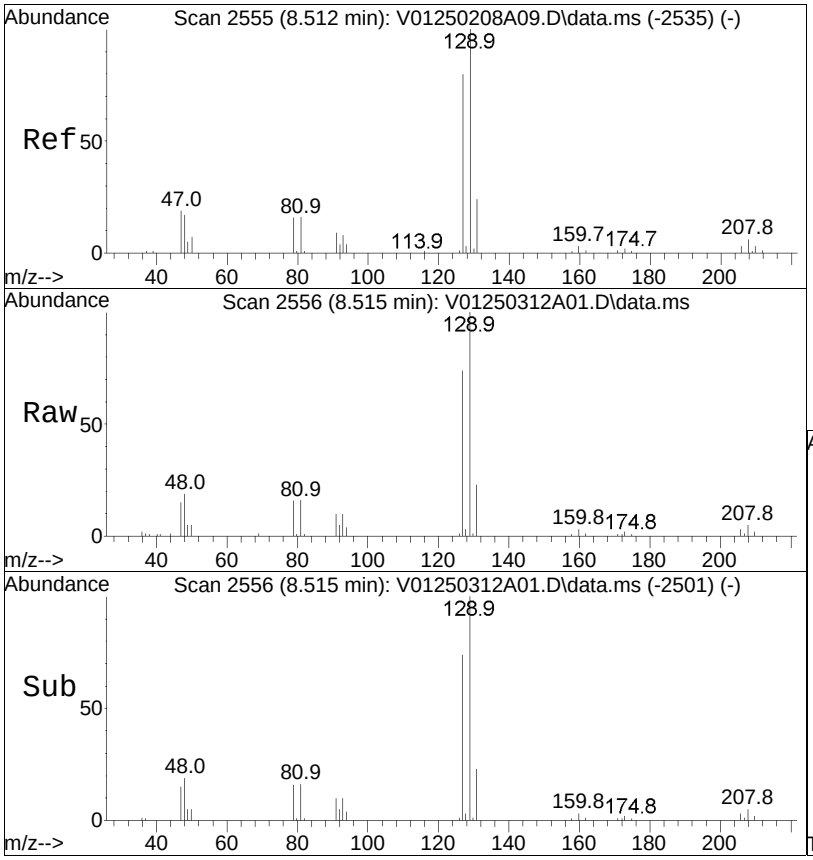


#68
1,1,2-Trichloroethane
Concen: 10.32 ug/L
RT: 8.300 min Scan# 2479
Delta R.T. -0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 83 Resp: 85091

Ion	Ratio	Lower	Upper
83	100		
97	114.1	95.7	135.7
85	65.9	45.8	85.8

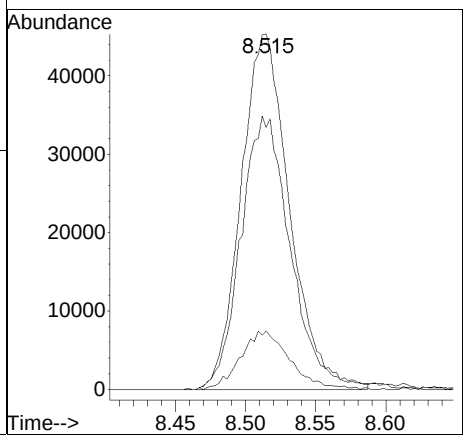


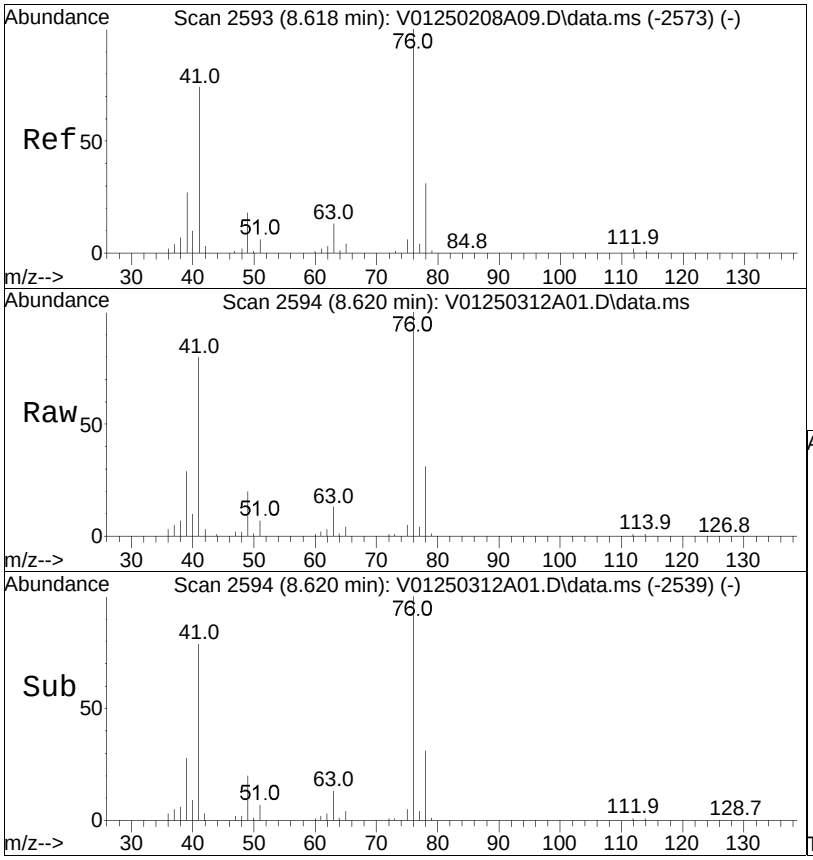


#69
Chlorodibromomethane
Concen: 9.62 ug/L
RT: 8.515 min Scan# 2556
Delta R.T. 0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:129 Resp: 109517

Ion	Ratio	Lower	Upper
129	100		
81	16.6	0.0	35.9
127	78.1	58.8	98.8

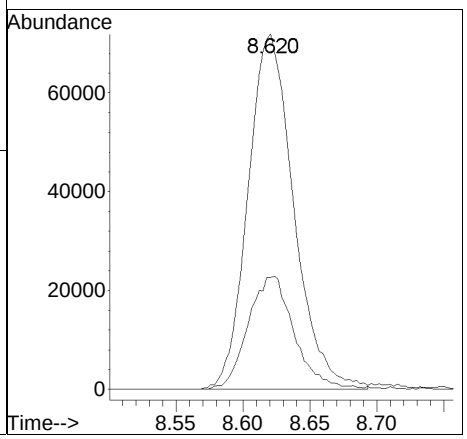


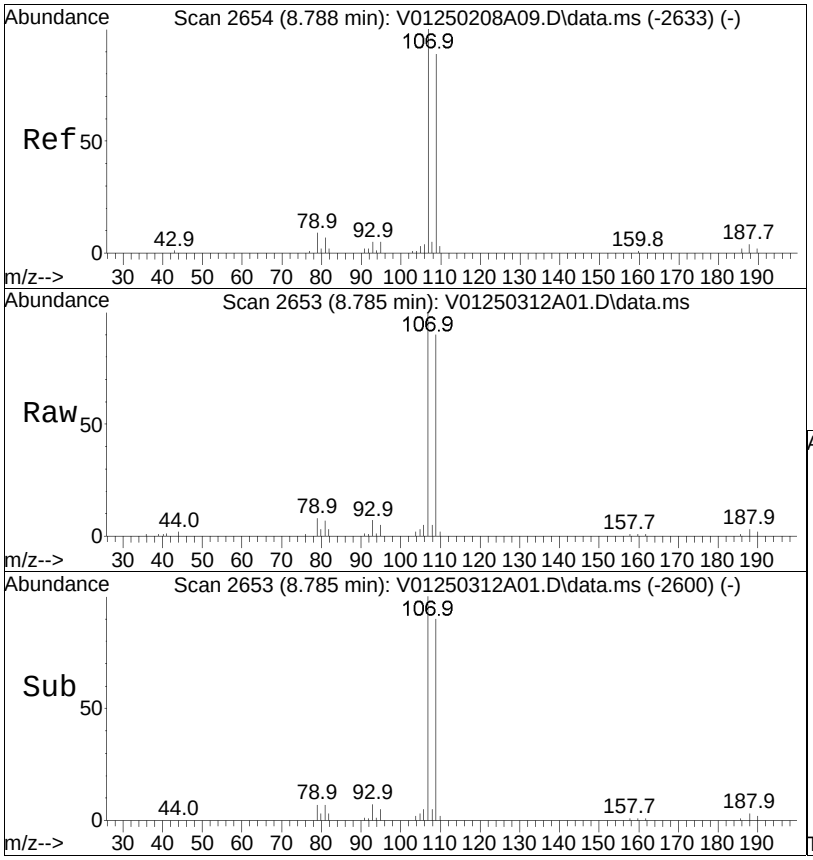


#70
1,3-Dichloropropane
Concen: 10.12 ug/L
RT: 8.620 min Scan# 2594
Delta R.T. 0.002 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 76 Resp: 170818

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

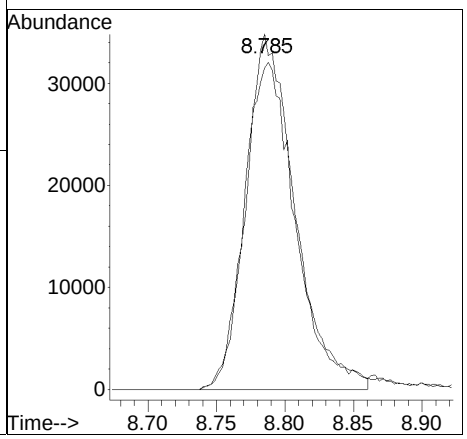


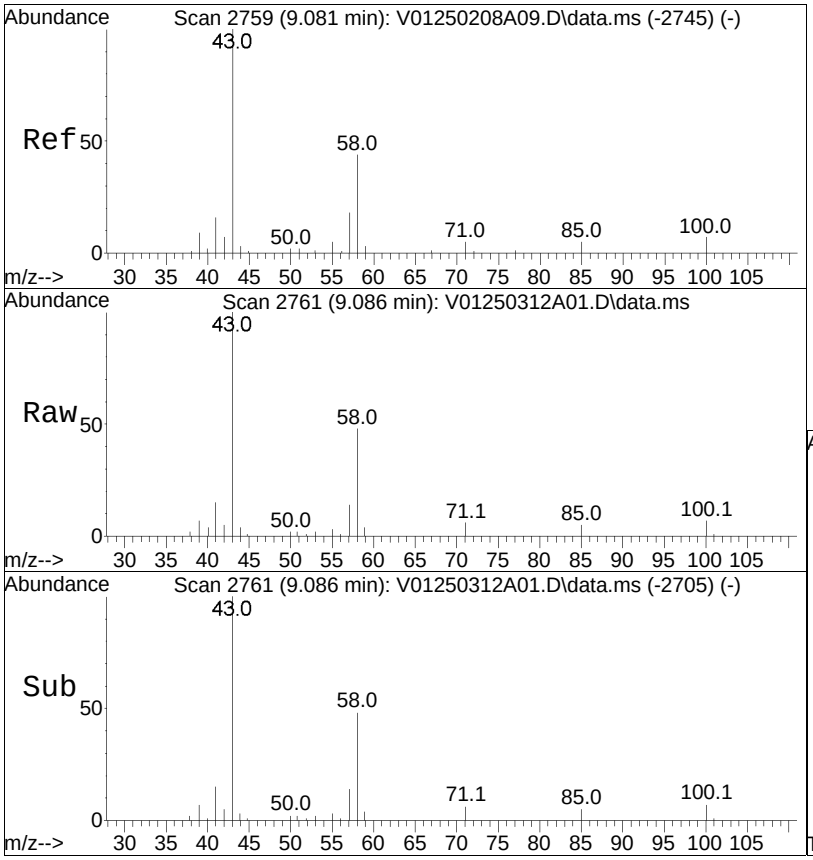


#71
1,2-Dibromoethane
Concen: 9.85 ug/L
RT: 8.785 min Scan# 2653
Delta R.T. -0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:107 Resp: 88096

Ion	Ratio	Lower	Upper
107	100		
109	93.8	74.7	112.1

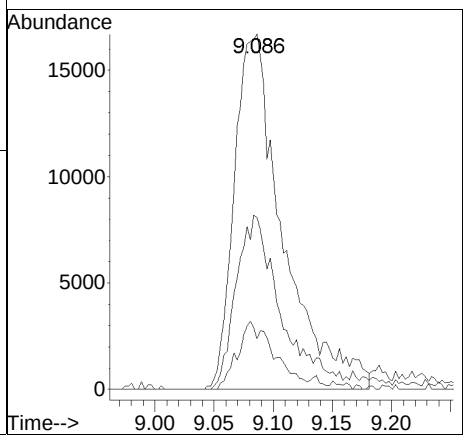


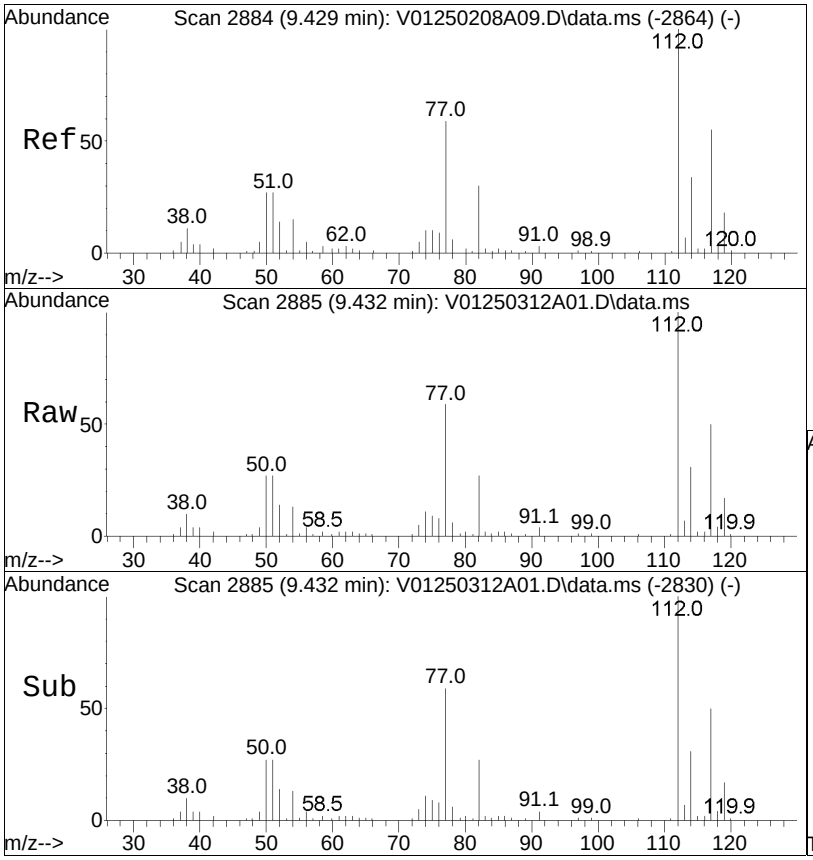


#72
2-Hexanone
Concen: 8.61 ug/L M1
RT: 9.086 min Scan# 2761
Delta R.T. 0.005 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 43 Resp: 47846

Ion	Ratio	Lower	Upper
43	100		
58	45.5	35.9	53.9
57	7.5	13.5	20.3#

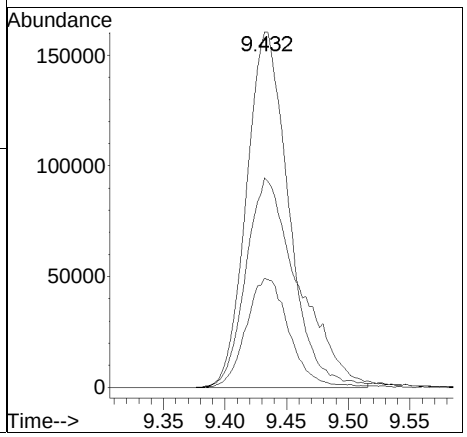


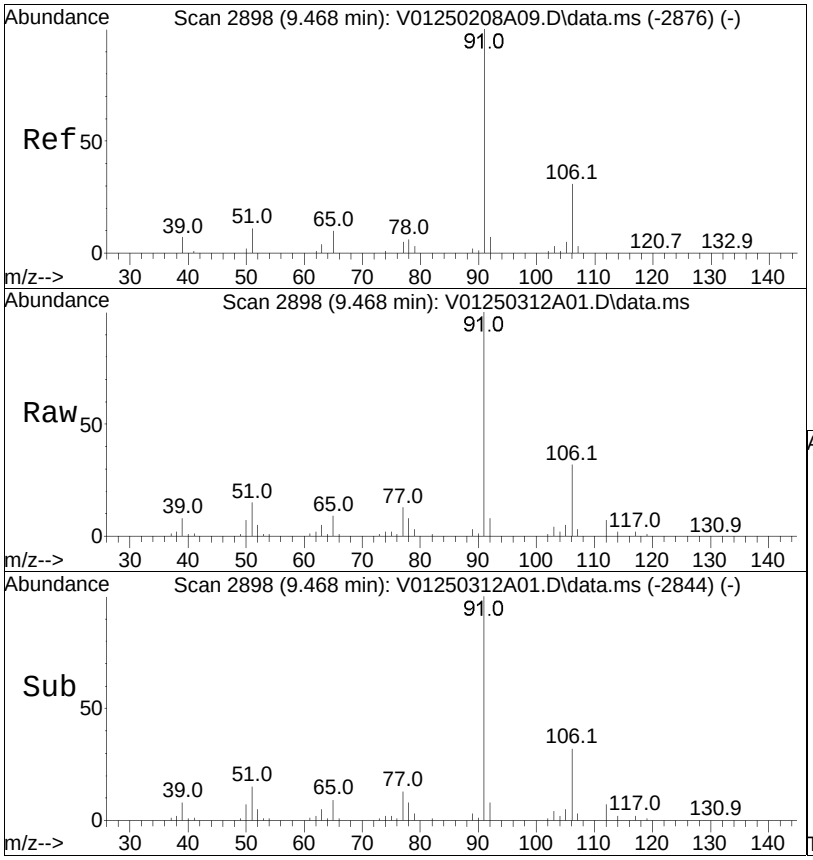


#73
Chlorobenzene
Concen: 10.40 ug/L
RT: 9.432 min Scan# 2885
Delta R.T. 0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:112 Resp: 380058

Ion	Ratio	Lower	Upper
112	100		
77	75.5	60.9	91.3
114	31.7	25.7	38.5

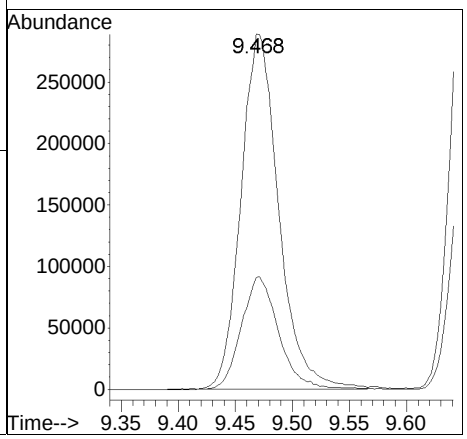


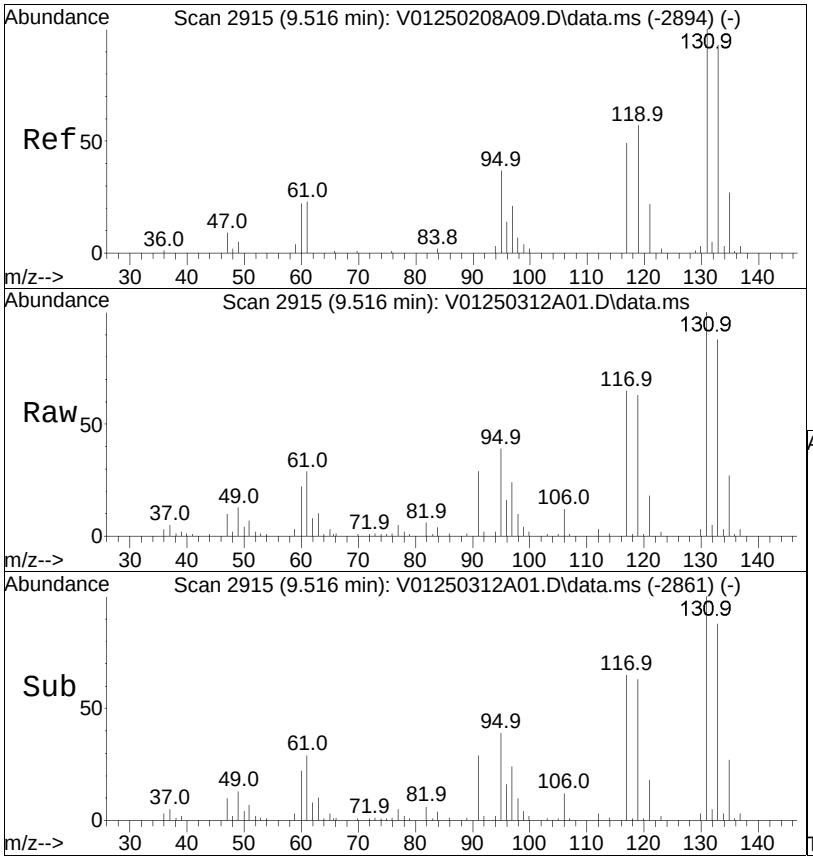


#74
Ethylbenzene
Concen: 10.43 ug/L
RT: 9.468 min Scan# 2898
Delta R.T. 0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 91 Resp: 662952

Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.1	37.7

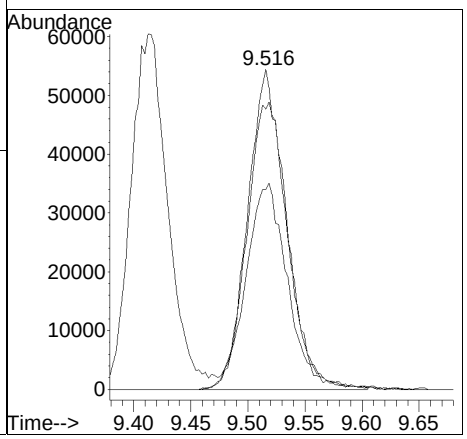


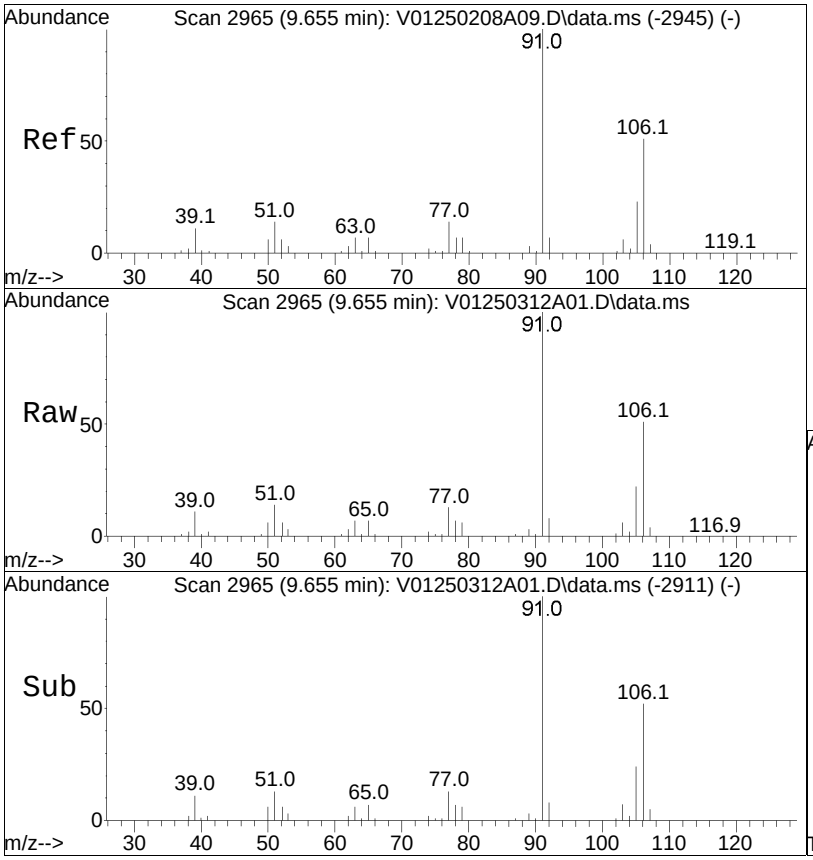


#75
1,1,1,2-Tetrachloroethane
Concen: 10.07 ug/L
RT: 9.516 min Scan# 2915
Delta R.T. -0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:131 Resp: 128895

Ion	Ratio	Lower	Upper
131	100		
133	95.2	74.5	114.5
119	66.3	45.1	85.1

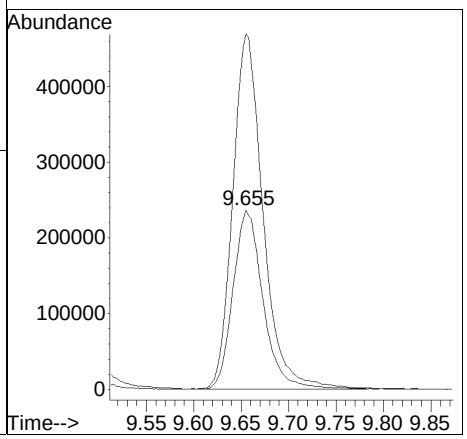


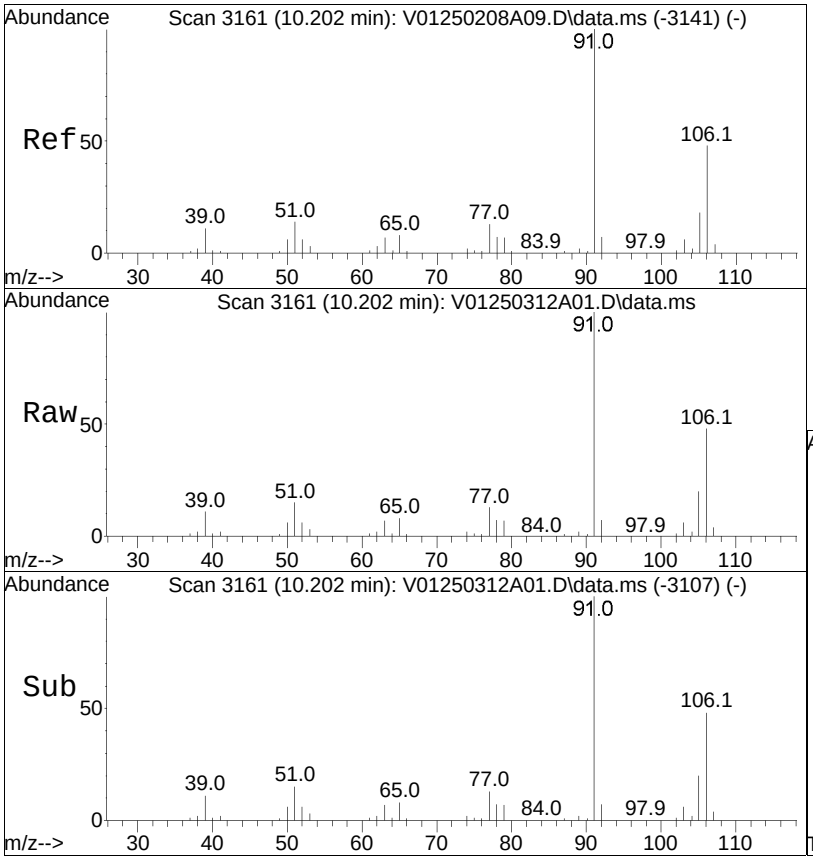


#76
p/m Xylene
Concen: 21.55 ug/L
RT: 9.655 min Scan# 2965
Delta R.T. 0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:106 Resp: 522754

Ion	Ratio	Lower	Upper
106	100		
91	198.6	159.6	239.4

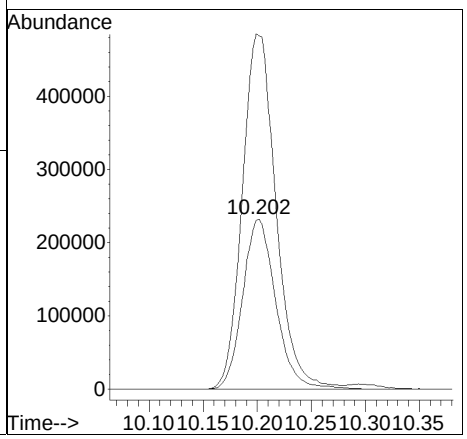


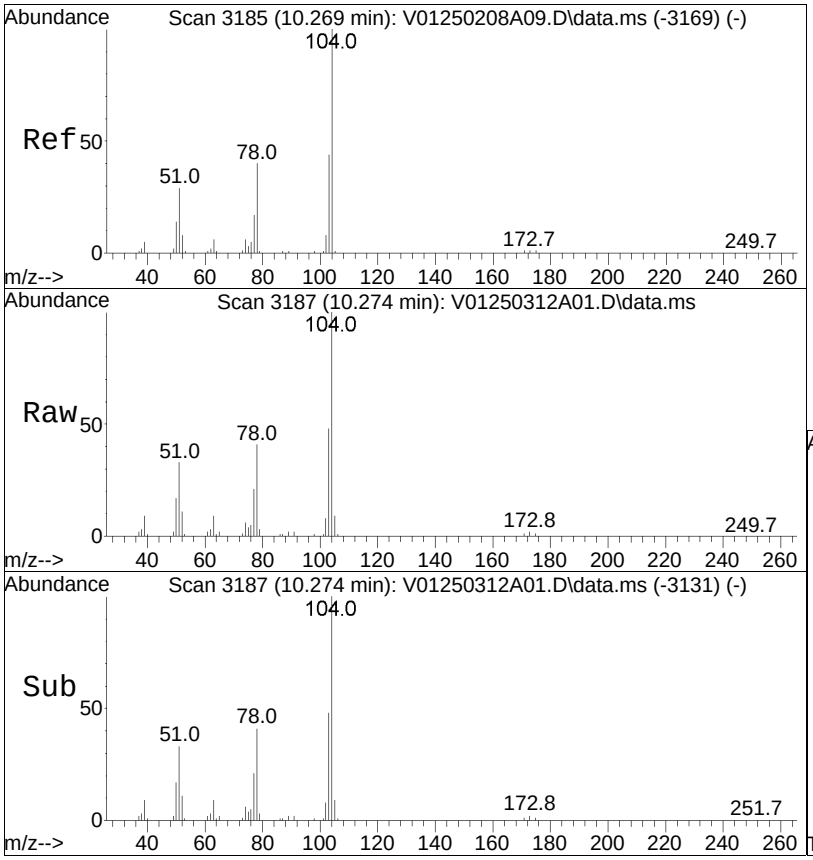


#77
o Xylene
Concen: 21.22 ug/L
RT: 10.202 min Scan# 3161
Delta R.T. -0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:106 Resp: 496880

Ion	Ratio	Lower	Upper
106	100		
91	211.5	168.7	253.1

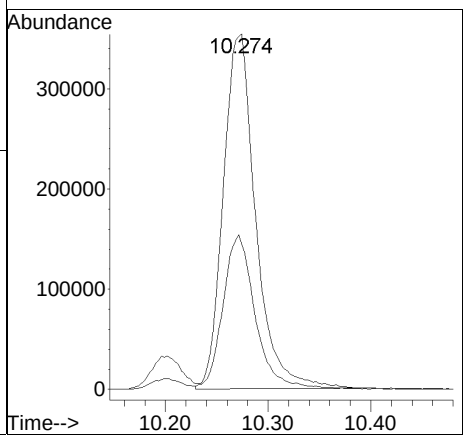


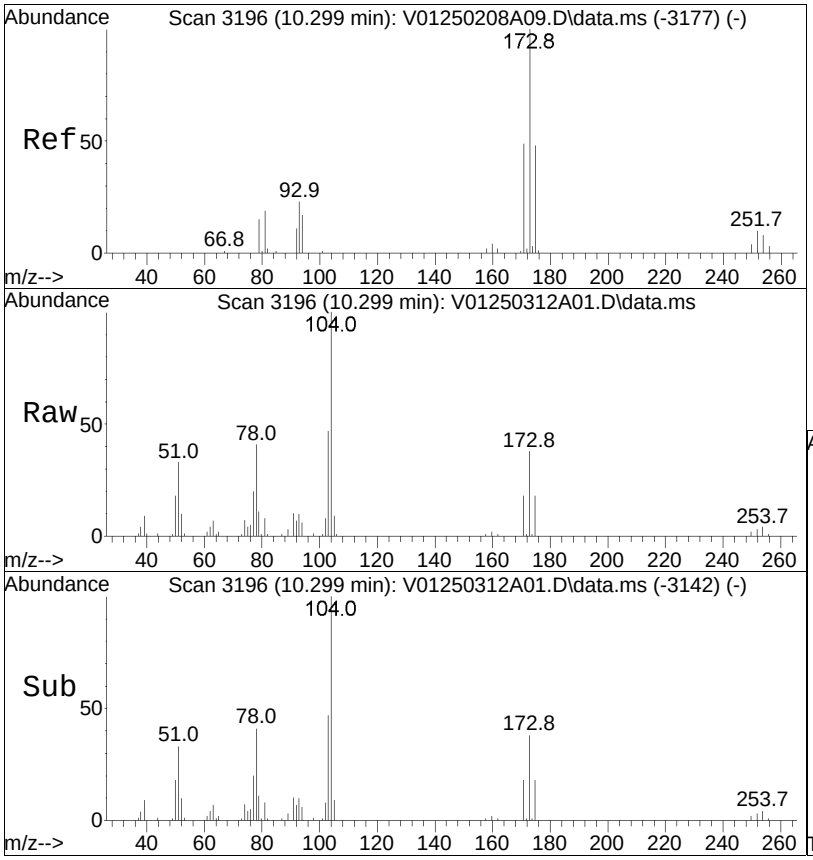


#78
Styrene
Concen: 21.65 ug/L
RT: 10.274 min Scan# 3187
Delta R.T. 0.005 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:104 Resp: 777224

Ion	Ratio	Lower	Upper
104	100		
78	42.6	35.0	52.6

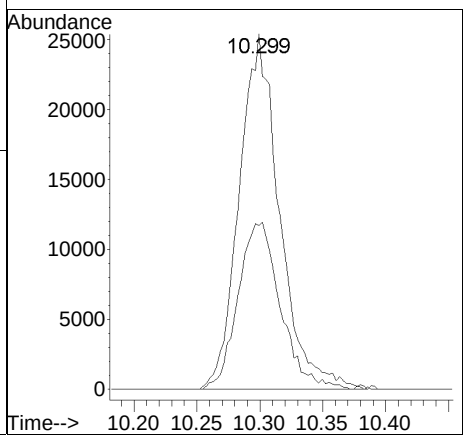


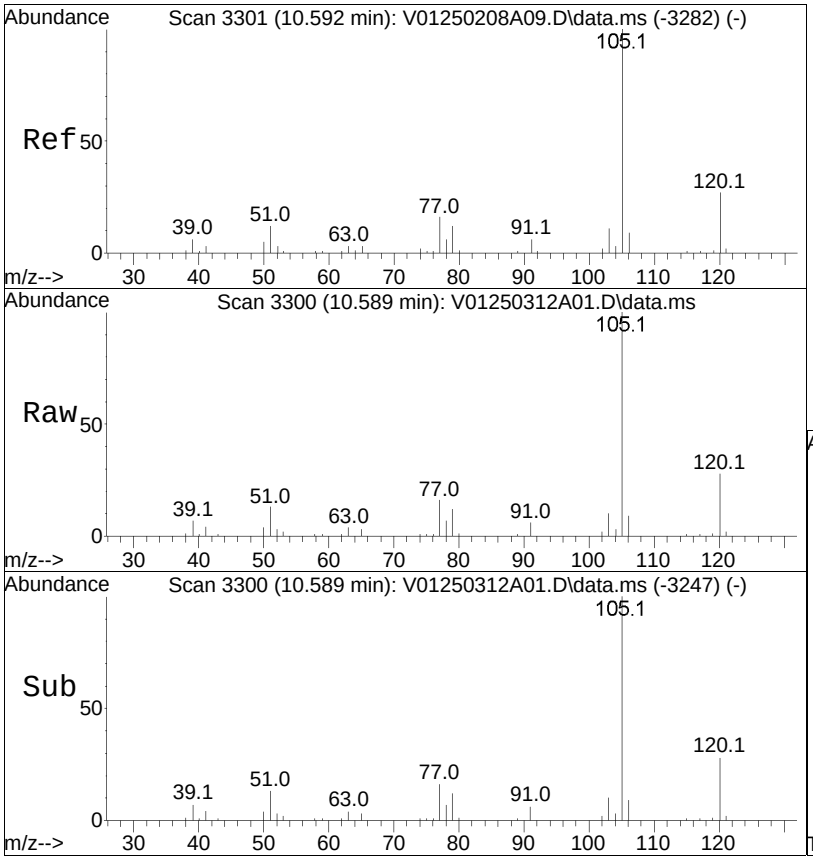


#80
Bromoform
Concen: 9.23 ug/L
RT: 10.299 min Scan# 3196
Delta R.T. 0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:173 Resp: 56725

Ion	Ratio	Lower	Upper
173	100		
175	48.5	27.6	67.6

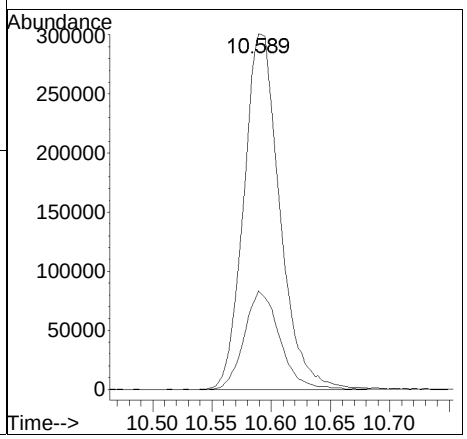


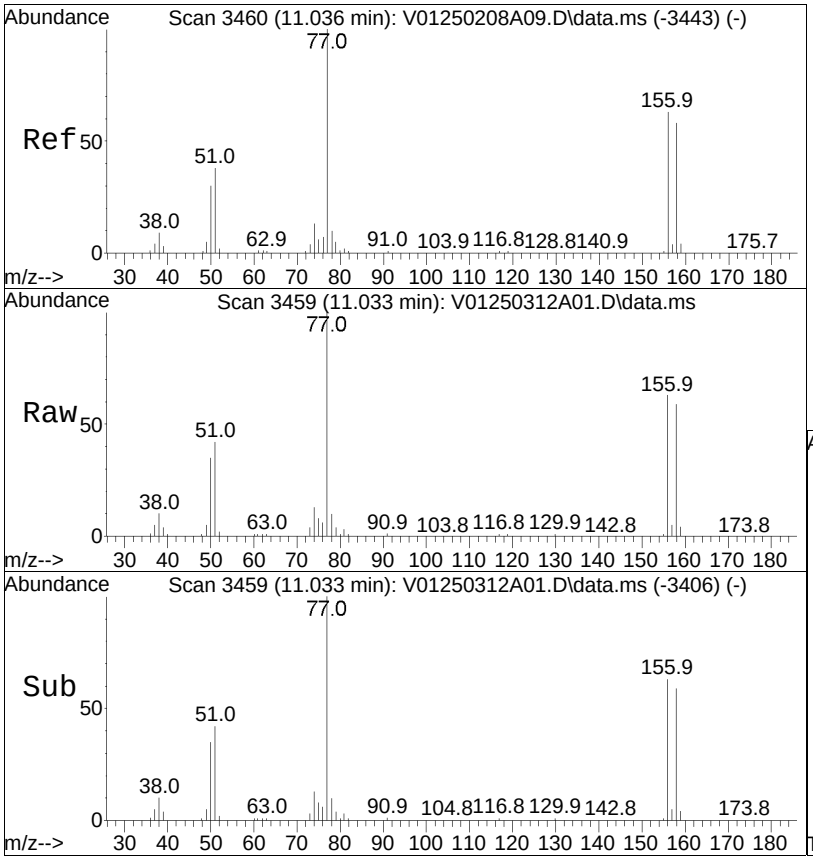


#82
Isopropylbenzene
Concen: 10.47 ug/L
RT: 10.589 min Scan# 3300
Delta R.T. -0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:105 Resp: 637204

Ion	Ratio	Lower	Upper
105	100		
120	27.2	7.2	47.2

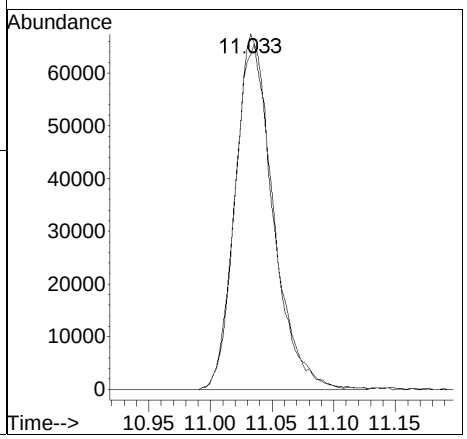


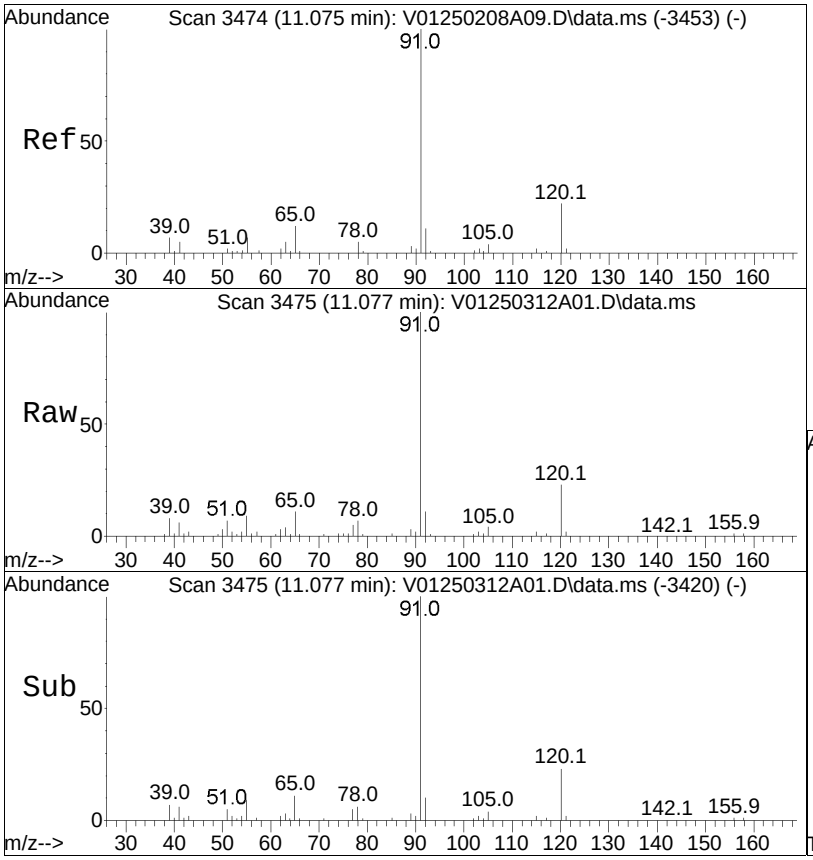


#84
Bromobenzene
Concen: 10.58 ug/L
RT: 11.033 min Scan# 3459
Delta R.T. -0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:156 Resp: 145291

Ion	Ratio	Lower	Upper
156	100		
158	96.7	77.2	115.8

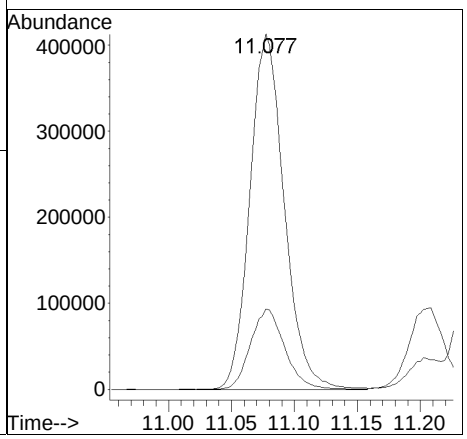


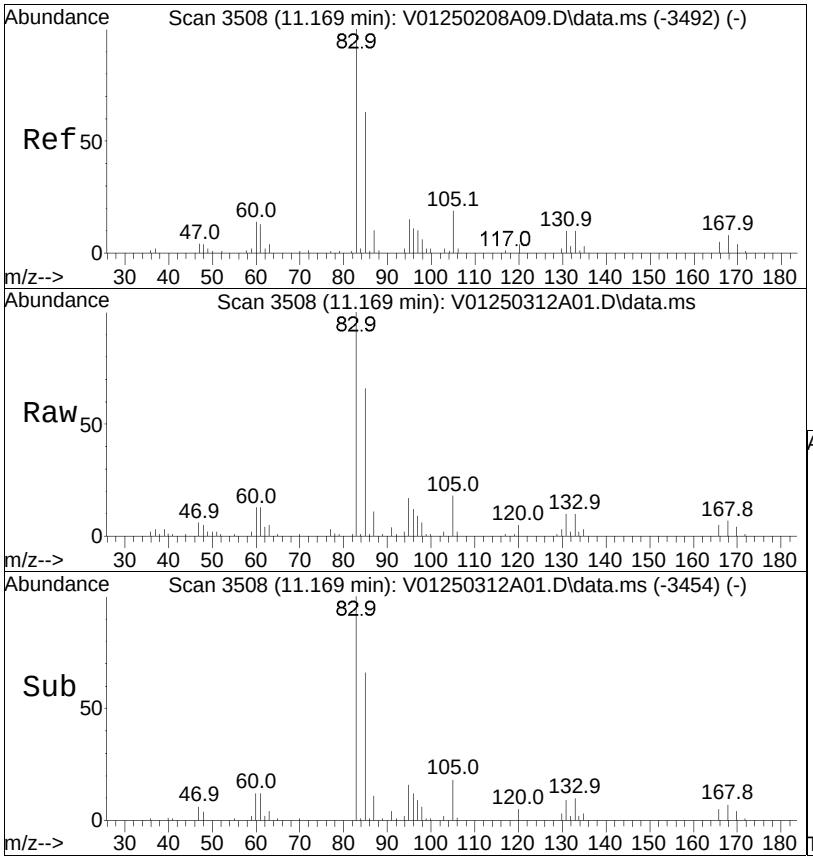


#85
n-Propylbenzene
Concen: 11.01 ug/L
RT: 11.077 min Scan# 3475
Delta R.T. 0.002 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 91 Resp: 784444

Ion	Ratio	Lower	Upper
91	100		
120	22.5	18.5	27.7

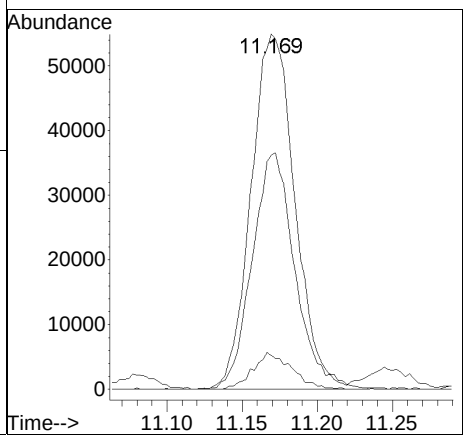


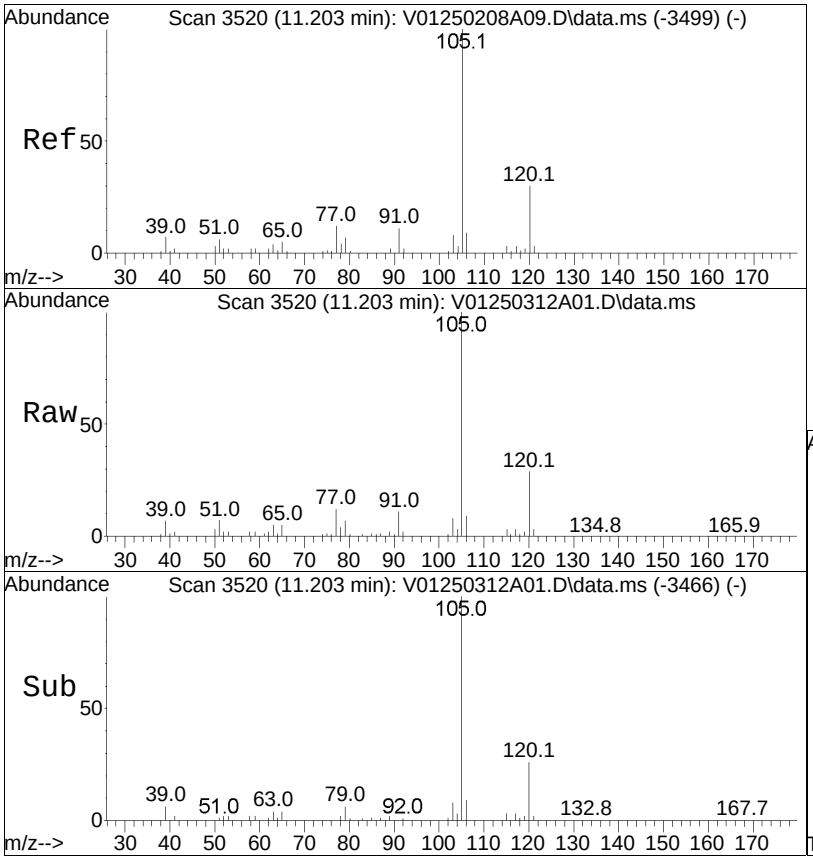


#87
1,1,2,2-Tetrachloroethane
Concen: 10.39 ug/L
RT: 11.169 min Scan# 3508
Delta R.T. 0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 83 Resp: 112039

Ion	Ratio	Lower	Upper
83	100		
131	9.2	0.0	29.5
85	64.1	45.9	85.9

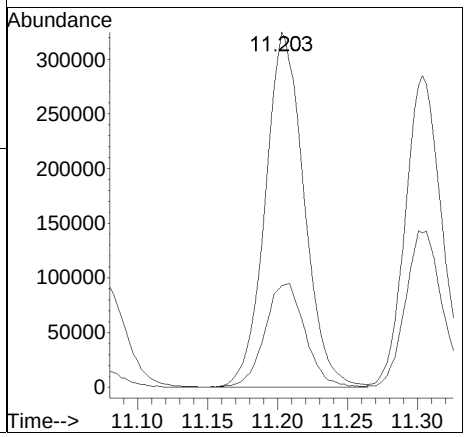


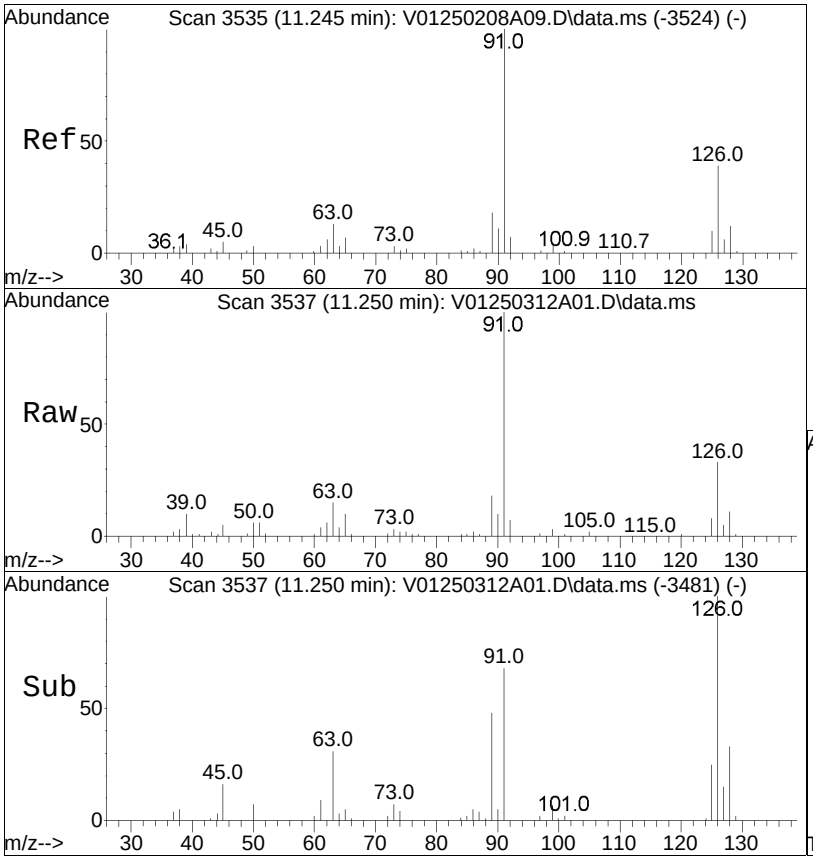


#88
4-Ethyltoluene
Concen: 10.62 ug/L
RT: 11.203 min Scan# 3520
Delta R.T. -0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:105 Resp: 626897

Ion	Ratio	Lower	Upper
105	100		
120	30.1	19.6	40.6

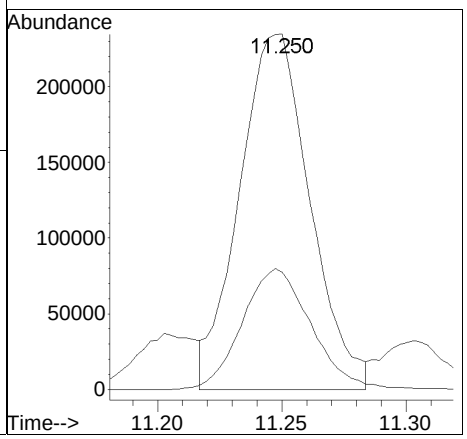


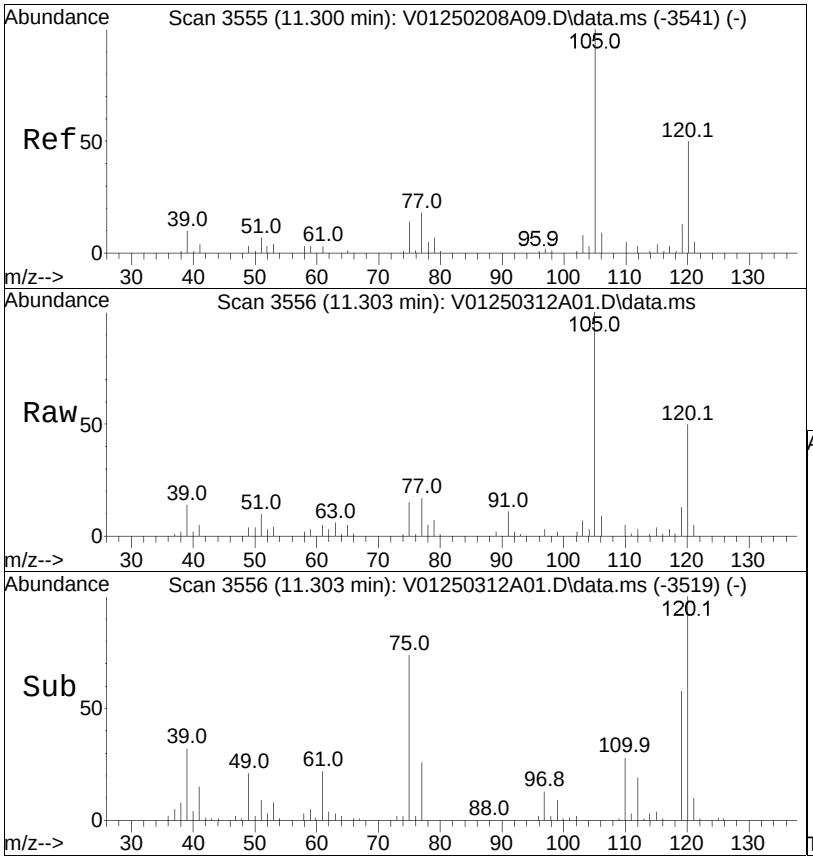


#89
2-Chlorotoluene
Concen: 10.69 ug/L M1
RT: 11.250 min Scan# 3537
Delta R.T. 0.005 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 91 Resp: 464081

Ion	Ratio	Lower	Upper
91	100		
126	33.1	26.3	39.5

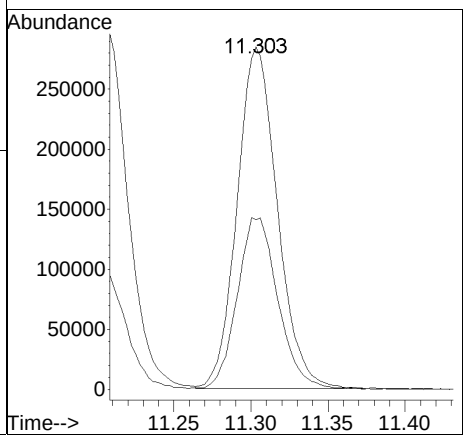


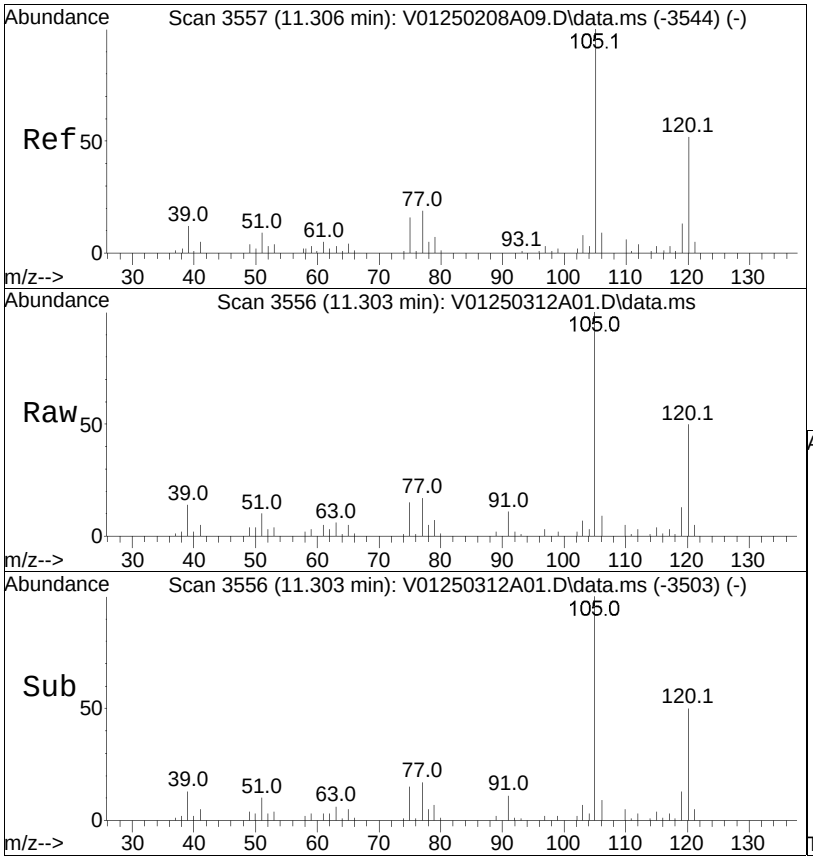


#90
1,3,5-Trimethylbenzene
Concen: 10.58 ug/L
RT: 11.303 min Scan# 3556
Delta R.T. 0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:105 Resp: 516637

Ion	Ratio	Lower	Upper
105	100		
120	50.8	41.0	61.6

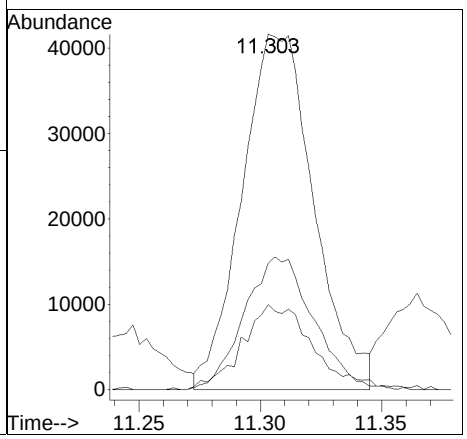


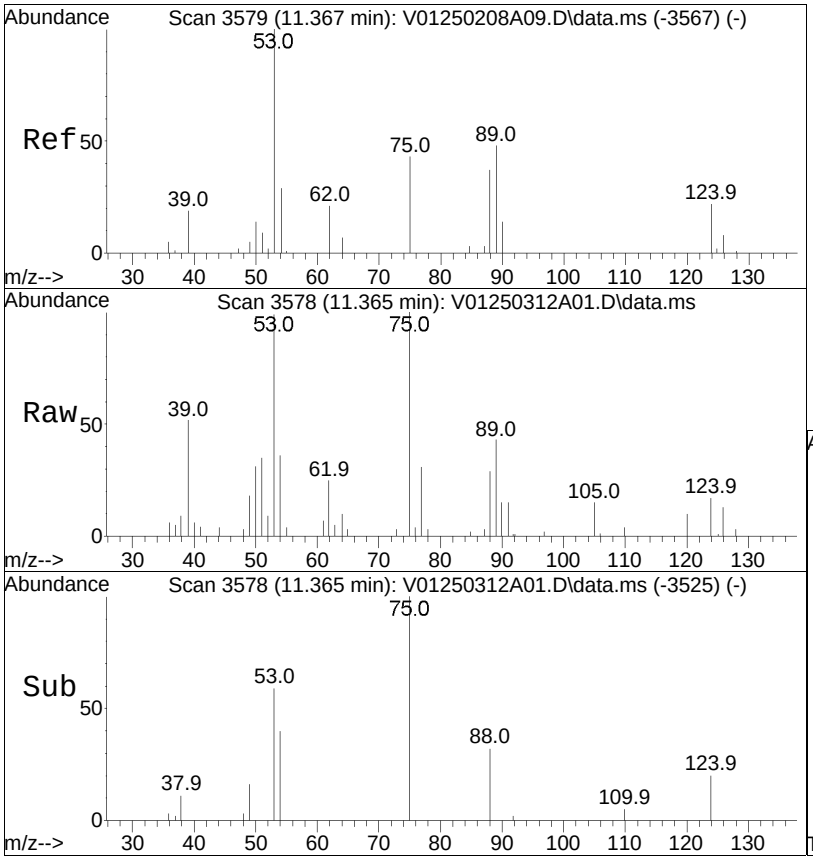


#91
1,2,3-Trichloropropane
Concen: 10.08 ug/L M4
RT: 11.303 min Scan# 3556
Delta R.T. -0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 75 Resp: 85993

Ion	Ratio	Lower	Upper
75	100		
110	36.1	23.6	49.0
112	22.8	15.5	32.3

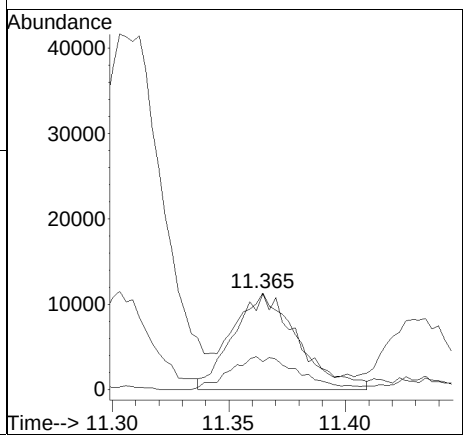


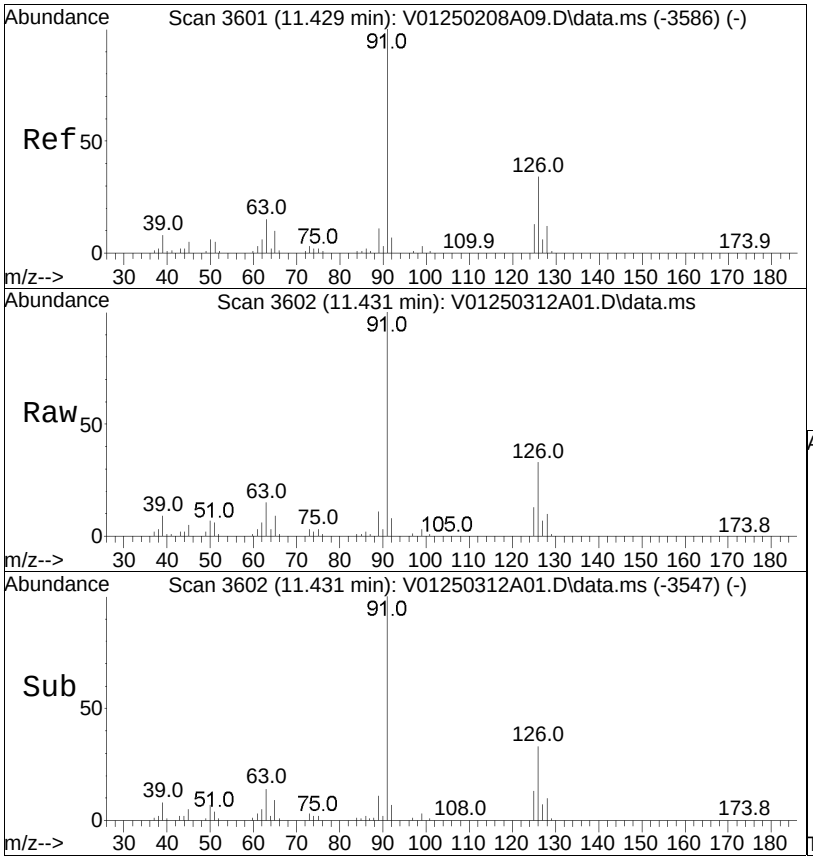


#92
trans-1,4-Dichloro-2-butene
Concen: 9.04 ug/L M1
RT: 11.365 min Scan# 3578
Delta R.T. -0.002 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 53 Resp: 21555

Ion	Ratio	Lower	Upper
53	100		
88	36.3	30.3	45.5
75	80.2	60.5	90.7

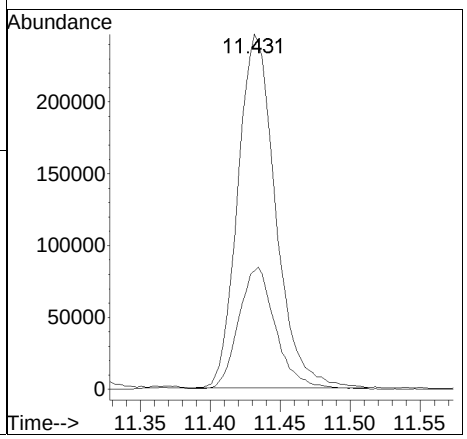


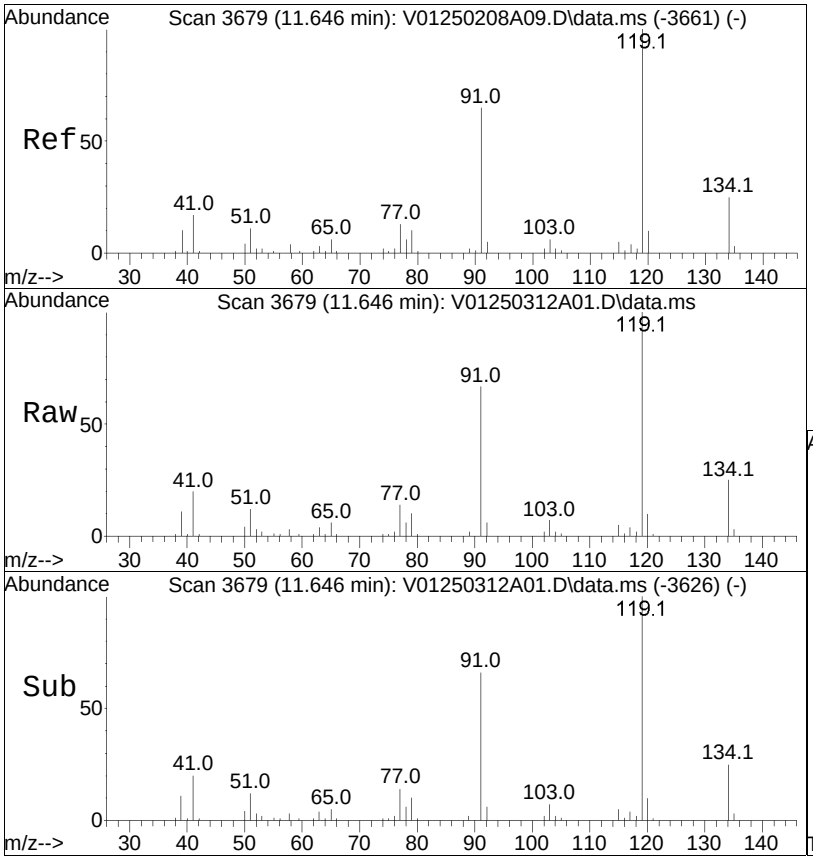


#93
4-Chlorotoluene
Concen: 10.67 ug/L
RT: 11.431 min Scan# 3602
Delta R.T. 0.002 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 91 Resp: 460321

Ion	Ratio	Lower	Upper
91	100		
126	33.9	27.1	40.7

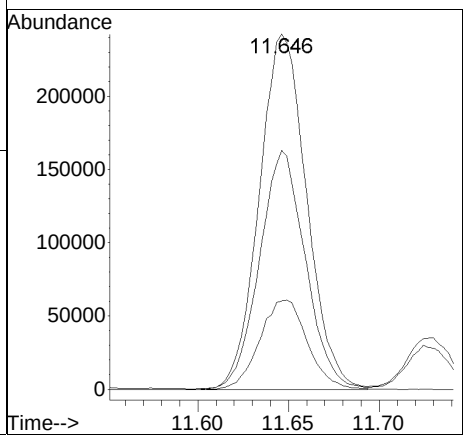


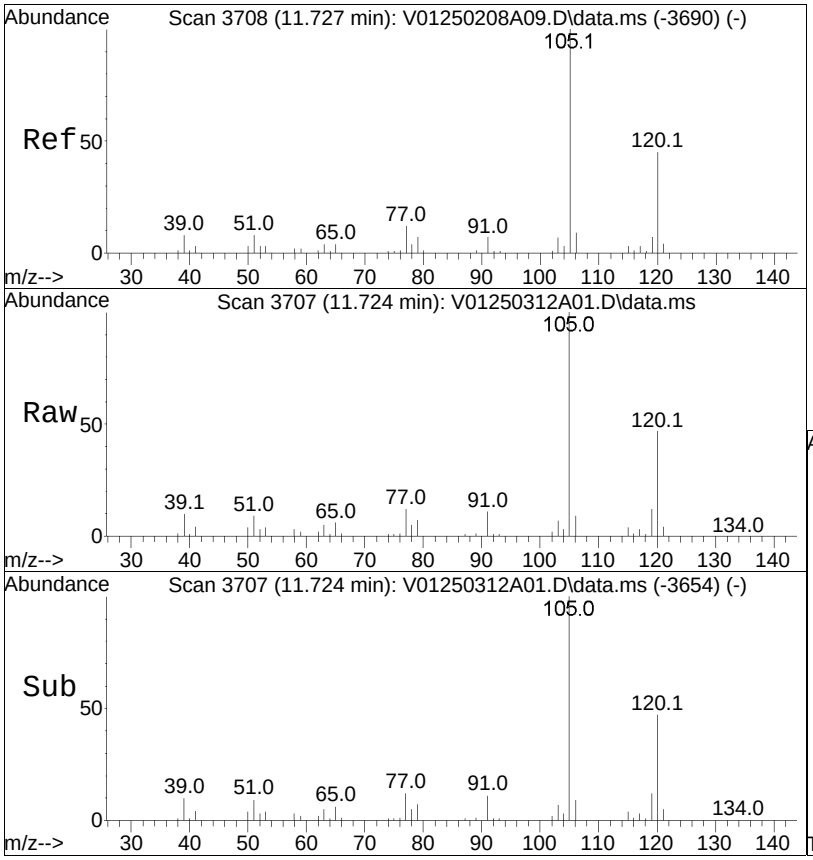


#94
tert-Butylbenzene
Concen: 10.48 ug/L
RT: 11.646 min Scan# 3679
Delta R.T. 0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:119 Resp: 441080

Ion	Ratio	Lower	Upper
119	100		
91	65.0	51.8	77.6
134	25.3	19.9	29.9

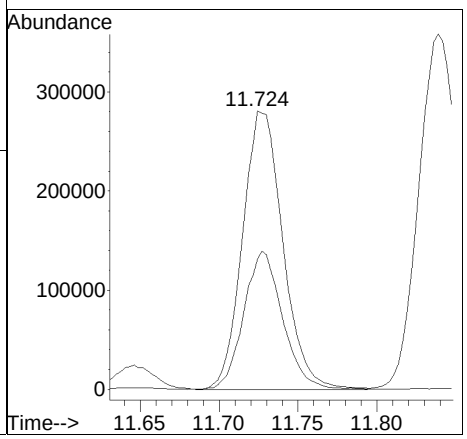


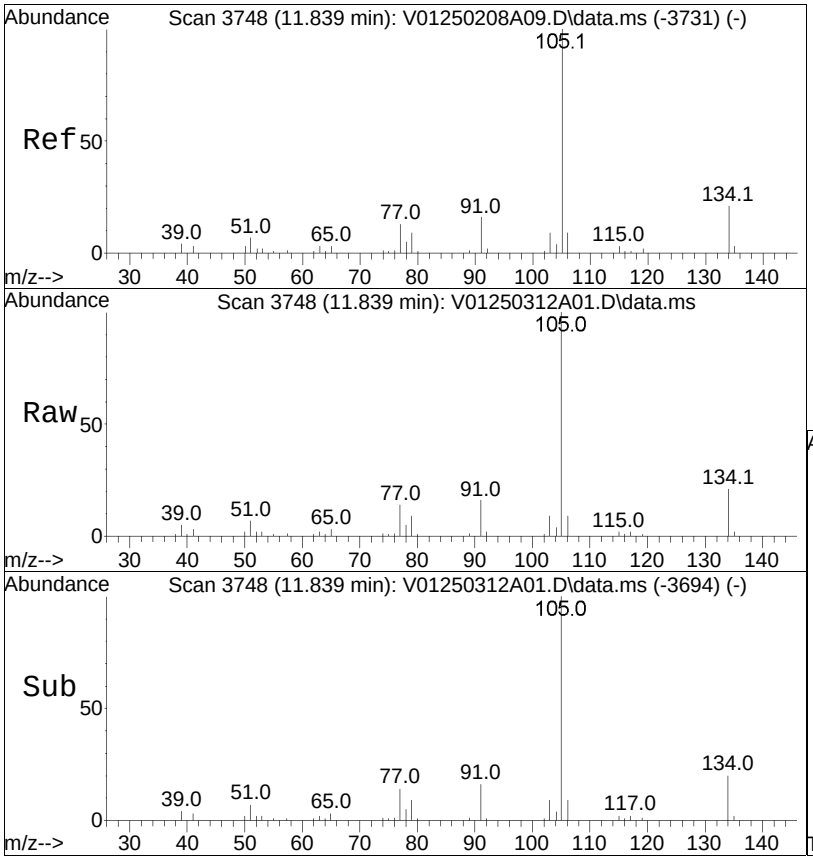


#97
1,2,4-Trimethylbenzene
Concen: 10.78 ug/L
RT: 11.724 min Scan# 3707
Delta R.T. -0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:105 Resp: 498897

Ion	Ratio	Lower	Upper
105	100		
120	47.3	37.3	55.9

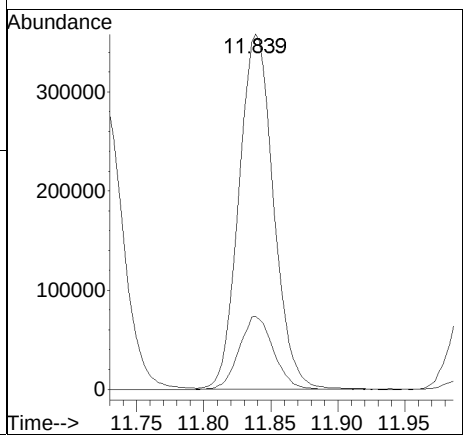


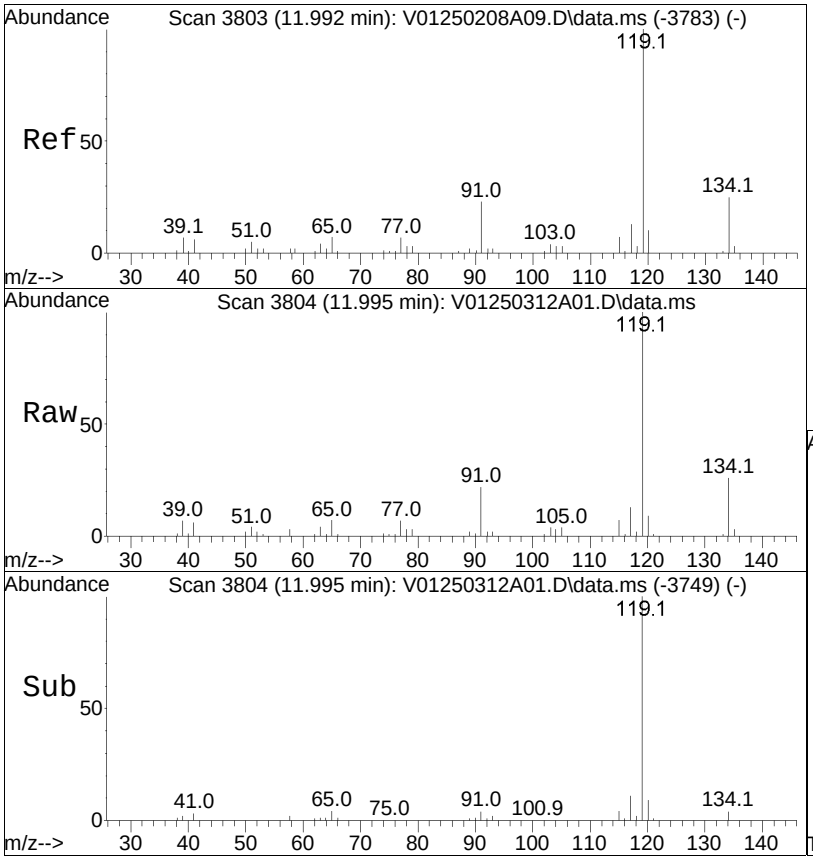


#98
sec-Butylbenzene
Concen: 10.89 ug/L
RT: 11.839 min Scan# 3748
Delta R.T. -0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:105 Resp: 640679

Ion	Ratio	Lower	Upper
105	100		
134	20.5	13.2	27.4

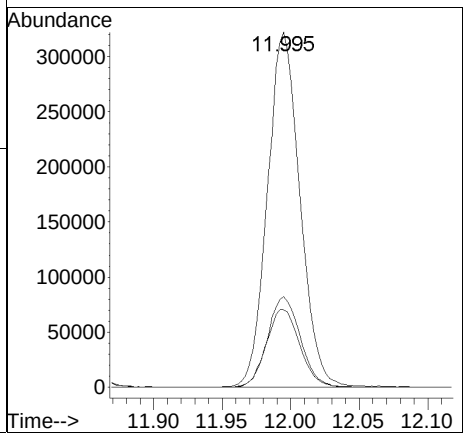


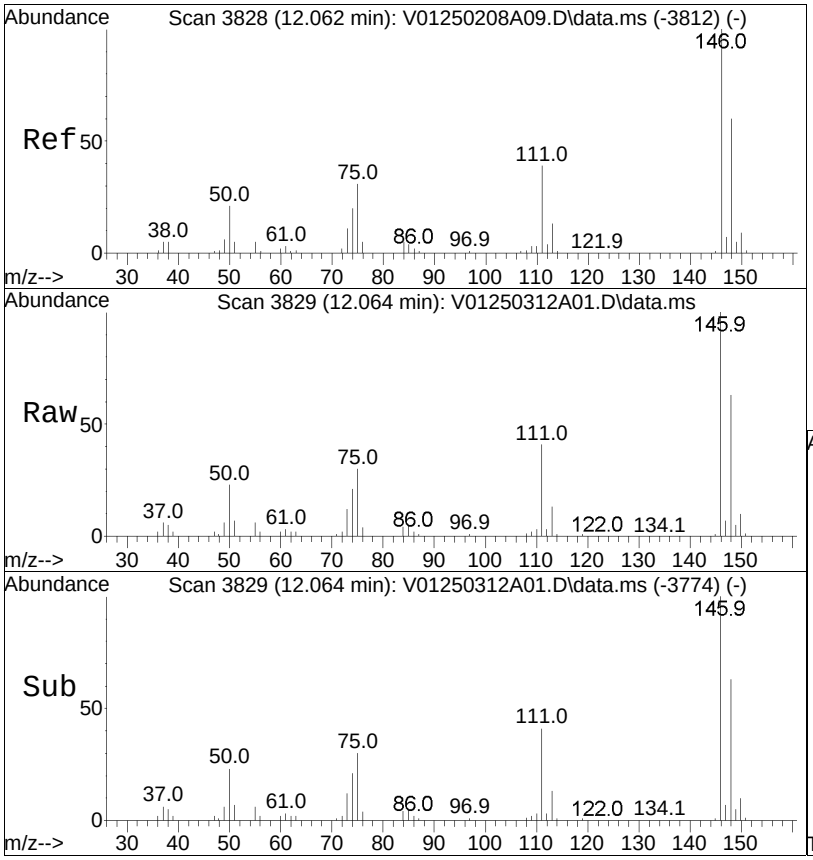


#99
p-Isopropyltoluene
Concen: 10.65 ug/L
RT: 11.995 min Scan# 3804
Delta R.T. 0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:119 Resp: 533325

Ion	Ratio	Lower	Upper
119	100		
134	25.9	16.8	35.0
91	22.5	14.5	30.1

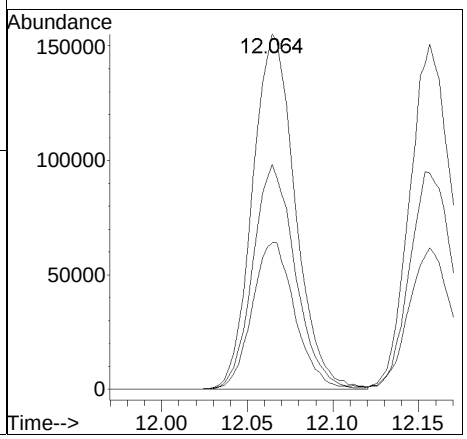


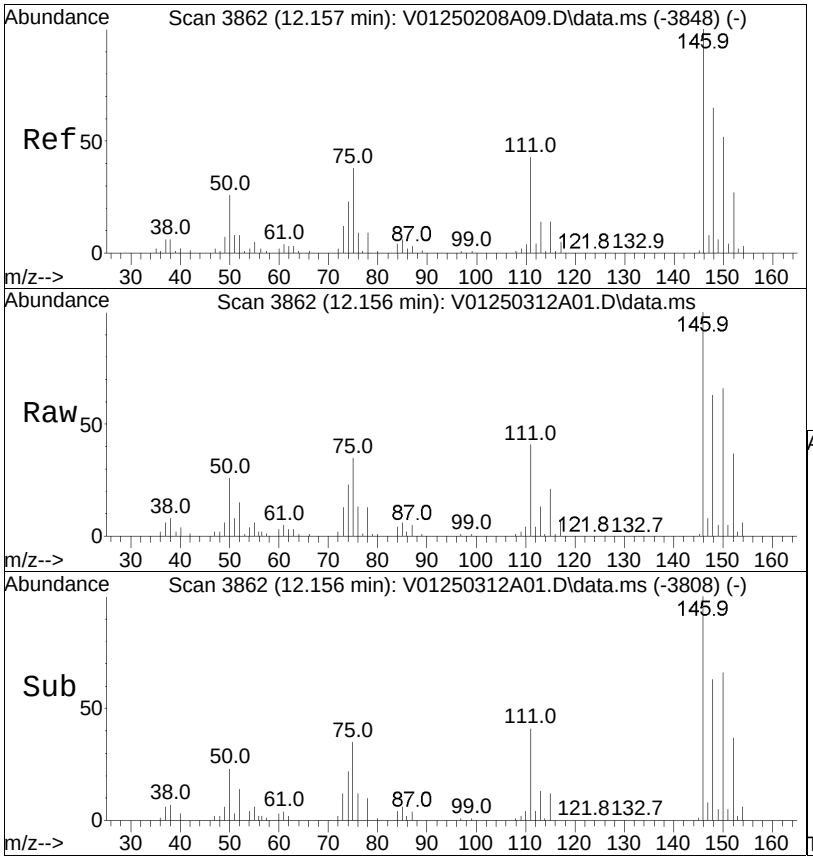


#100
1,3-Dichlorobenzene
Concen: 10.80 ug/L
RT: 12.064 min Scan# 3829
Delta R.T. 0.002 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:146 Resp: 269600

Ion	Ratio	Lower	Upper
146	100		
111	41.6	27.2	56.4
148	63.1	40.8	84.6

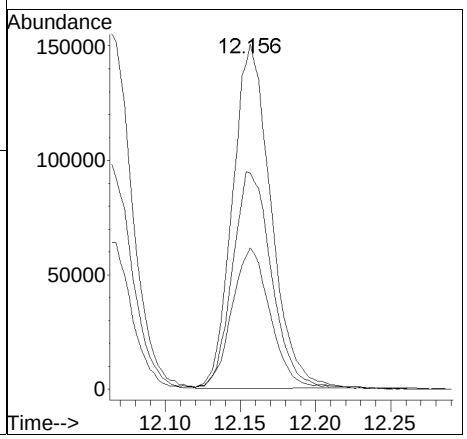


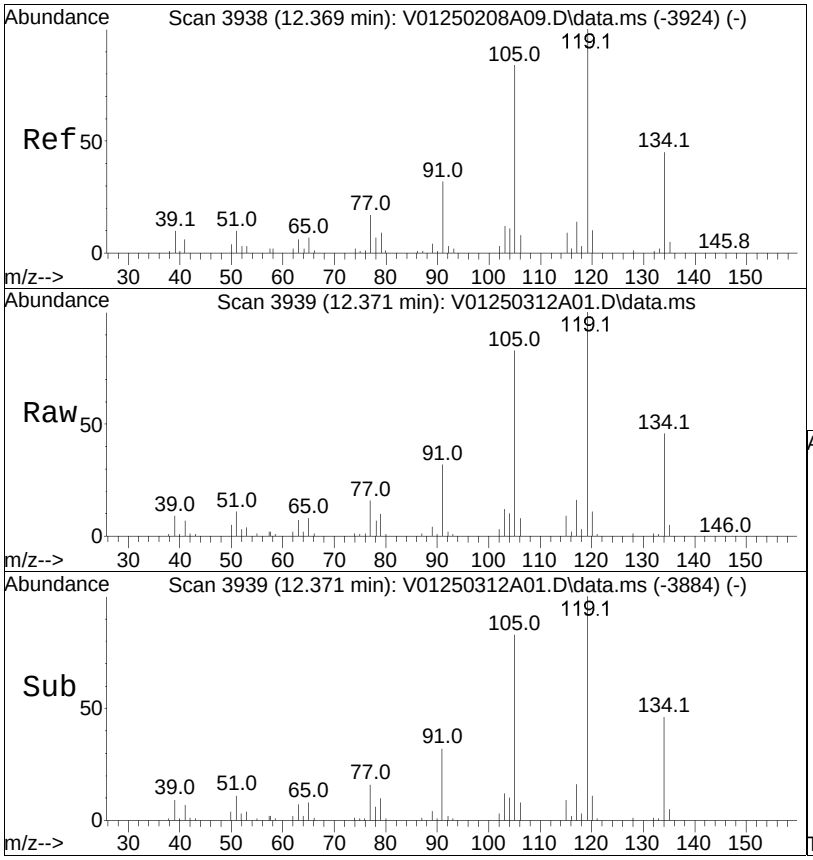


#101
1,4-Dichlorobenzene
Concen: 10.45 ug/L
RT: 12.156 min Scan# 3862
Delta R.T. -0.001 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:146 Resp: 267386

Ion	Ratio	Lower	Upper
146	100		
111	40.9	33.5	50.3
148	64.2	50.4	75.6

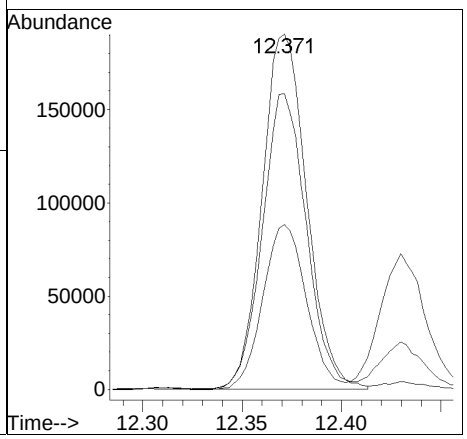


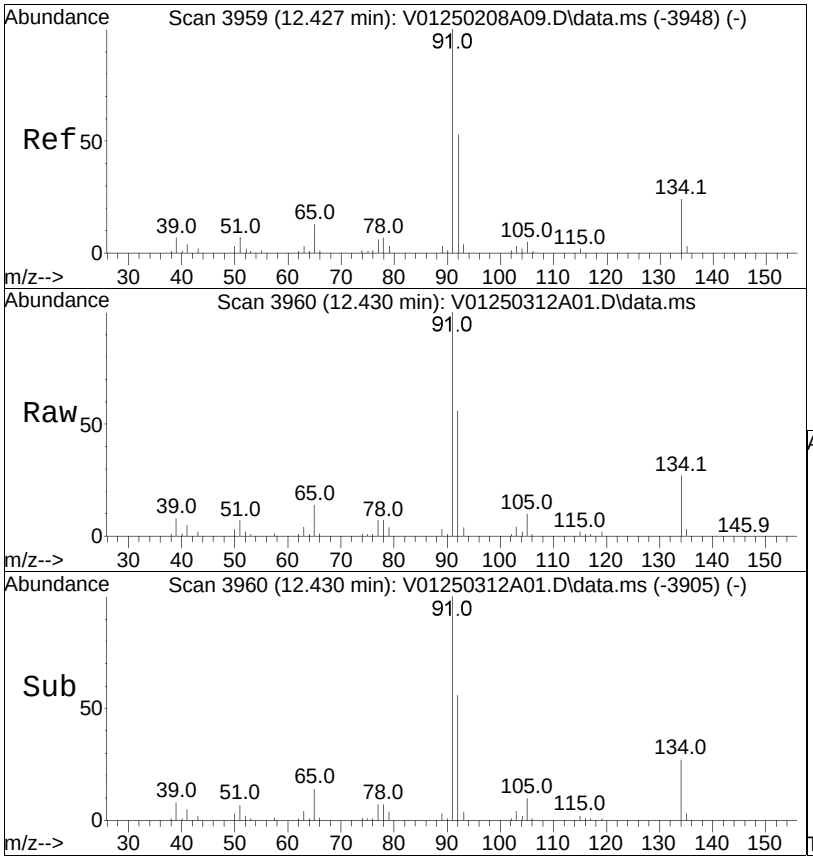


#102
p-Diethylbenzene
Concen: 10.48 ug/L
RT: 12.371 min Scan# 3939
Delta R.T. 0.002 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:119 Resp: 297263

Ion	Ratio	Lower	Upper
119	100		
105	81.9	53.2	110.6
134	45.5	29.6	61.4

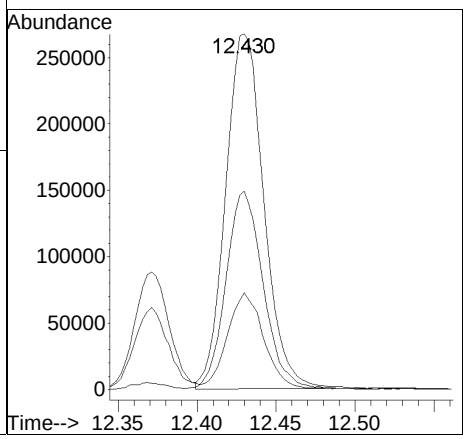


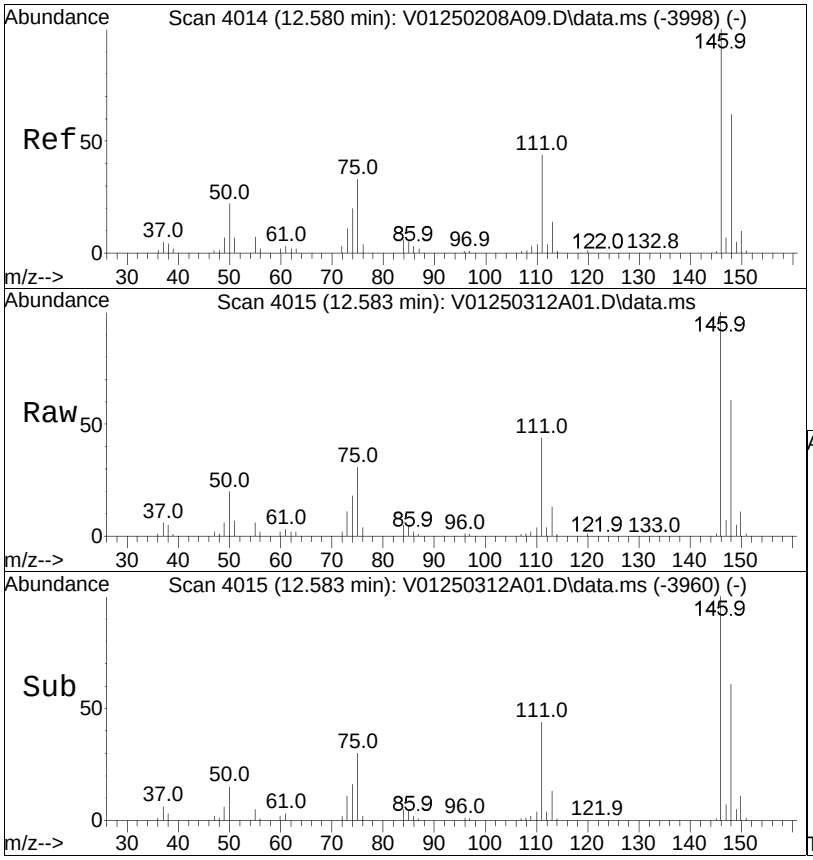


#103
n-Butylbenzene
Concen: 11.16 ug/L
RT: 12.430 min Scan# 3960
Delta R.T. 0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion: 91 Resp: 449891

Ion	Ratio	Lower	Upper
91	100		
92	54.1	43.9	65.9
134	25.7	21.7	32.5

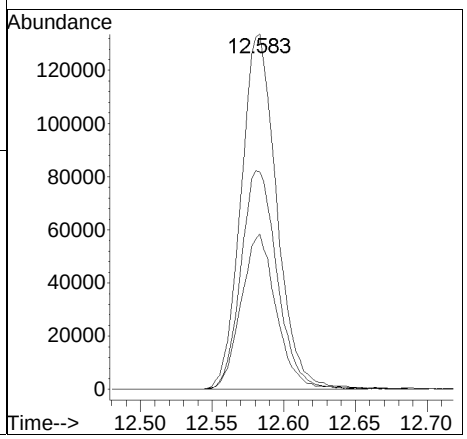


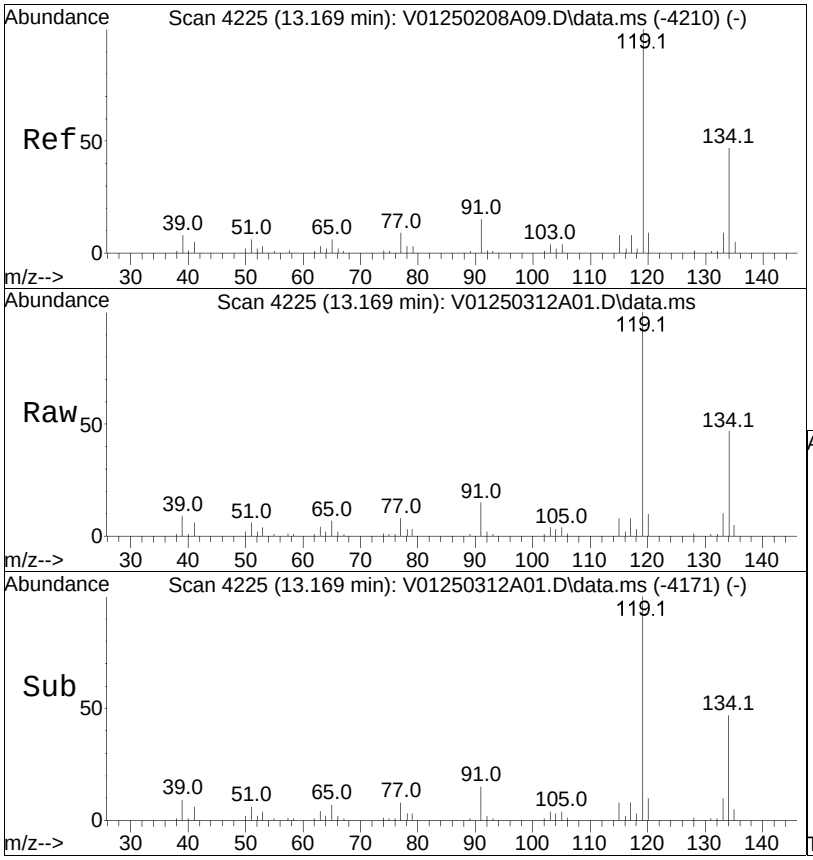


#104
1,2-Dichlorobenzene
Concen: 10.51 ug/L
RT: 12.583 min Scan# 4015
Delta R.T. 0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:146 Resp: 232419

Ion	Ratio	Lower	Upper
146	100		
111	43.2	28.2	58.6
148	62.4	41.1	85.5

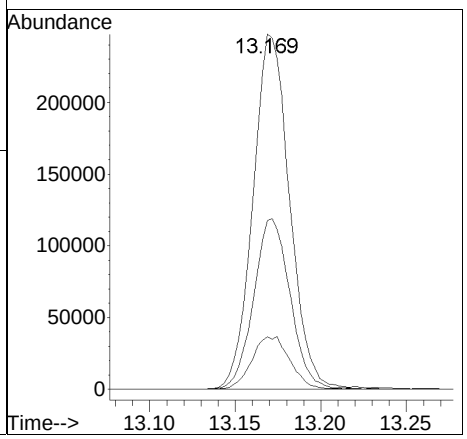


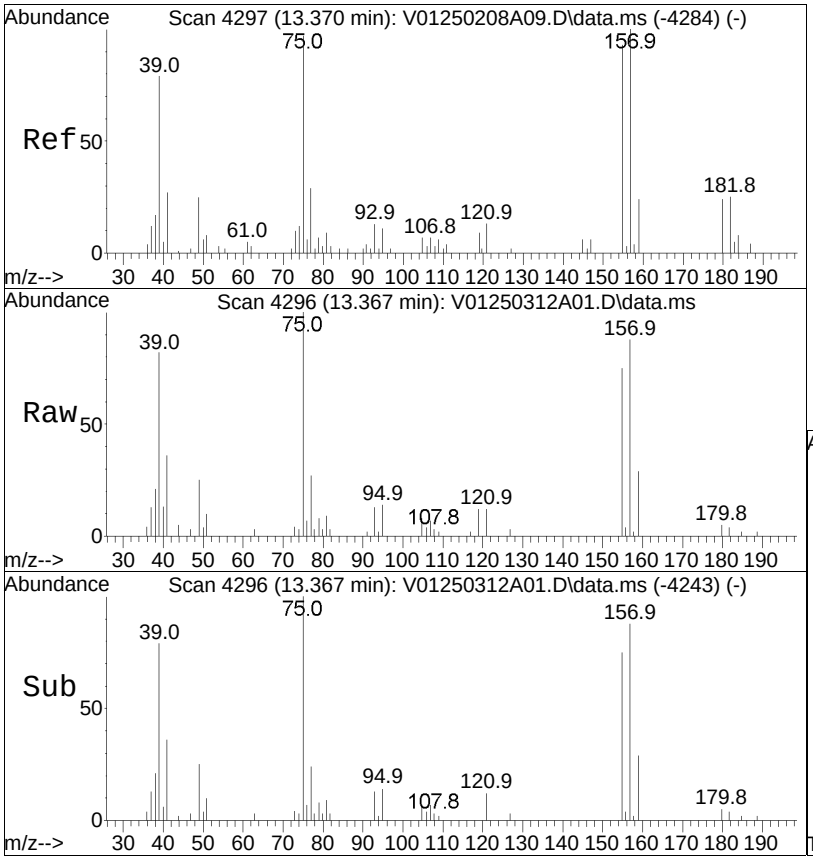


#105
1,2,4,5-Tetramethylbenzene
Concen: 9.78 ug/L
RT: 13.169 min Scan# 4225
Delta R.T. -0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:119 Resp: 369410

Ion	Ratio	Lower	Upper
119	100		
134	47.9	30.4	63.0
91	15.6	9.9	20.5

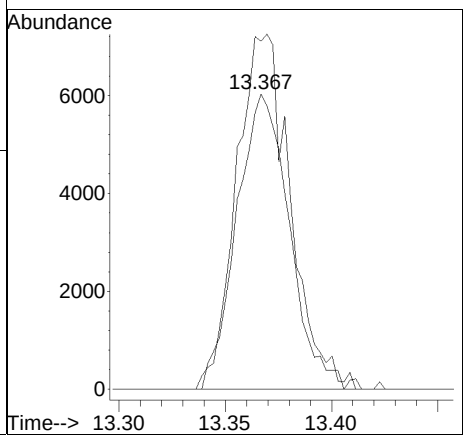


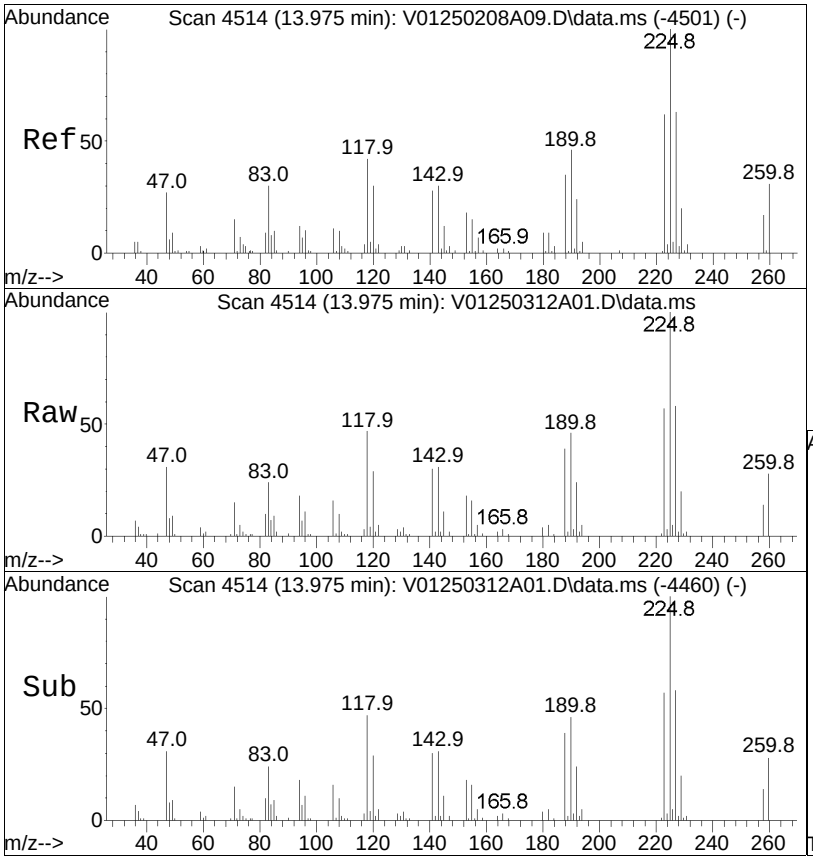


#106
1,2-Dibromo-3-chloropropane
Concen: 8.24 ug/L
RT: 13.367 min Scan# 4296
Delta R.T. -0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:155 Resp: 10469

Ion	Ratio	Lower	Upper
155	100		
157	121.8	99.0	148.6

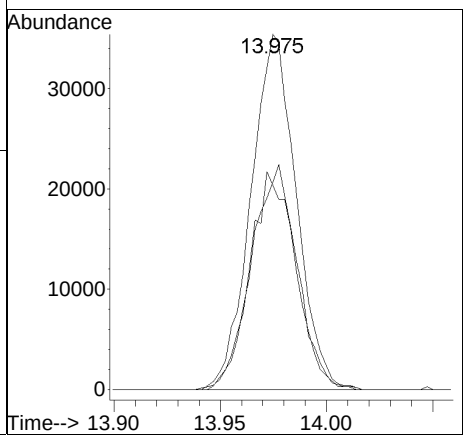


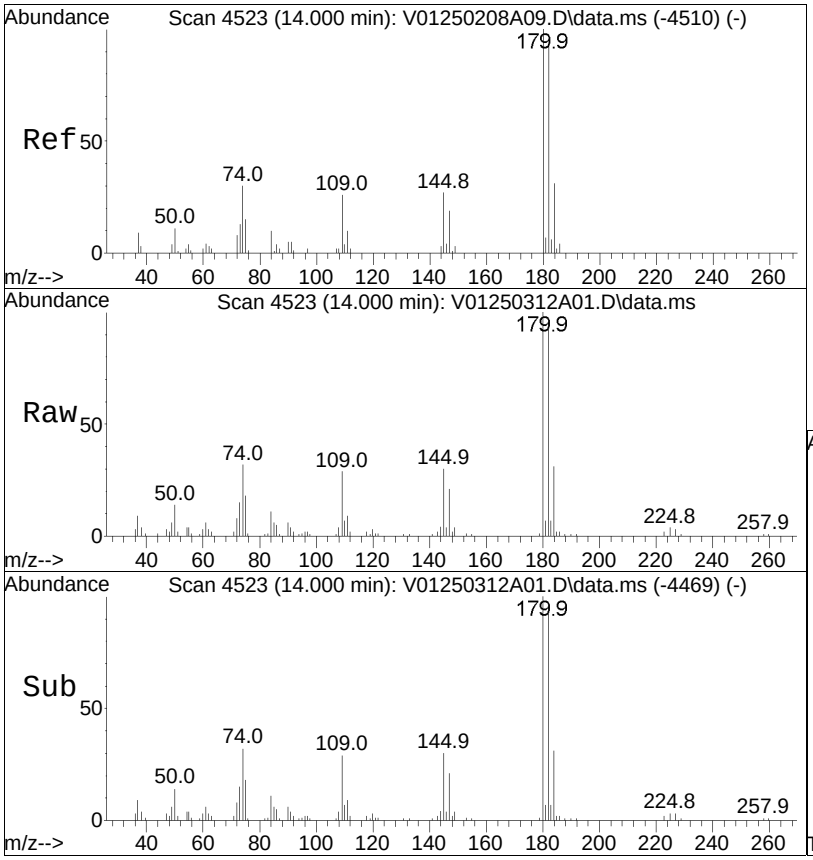


#108
Hexachlorobutadiene
Concen: 10.61 ug/L
RT: 13.975 min Scan# 4514
Delta R.T. -0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:225 Resp: 52551

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.6	74.4
227	63.8	48.8	73.2

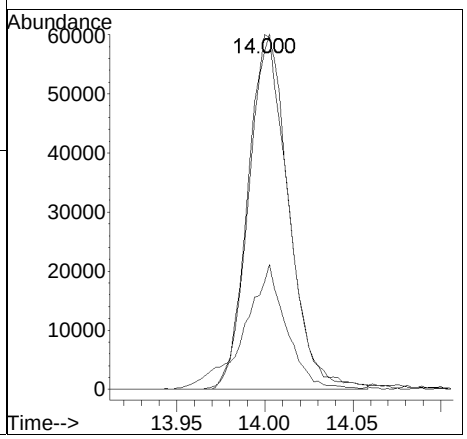


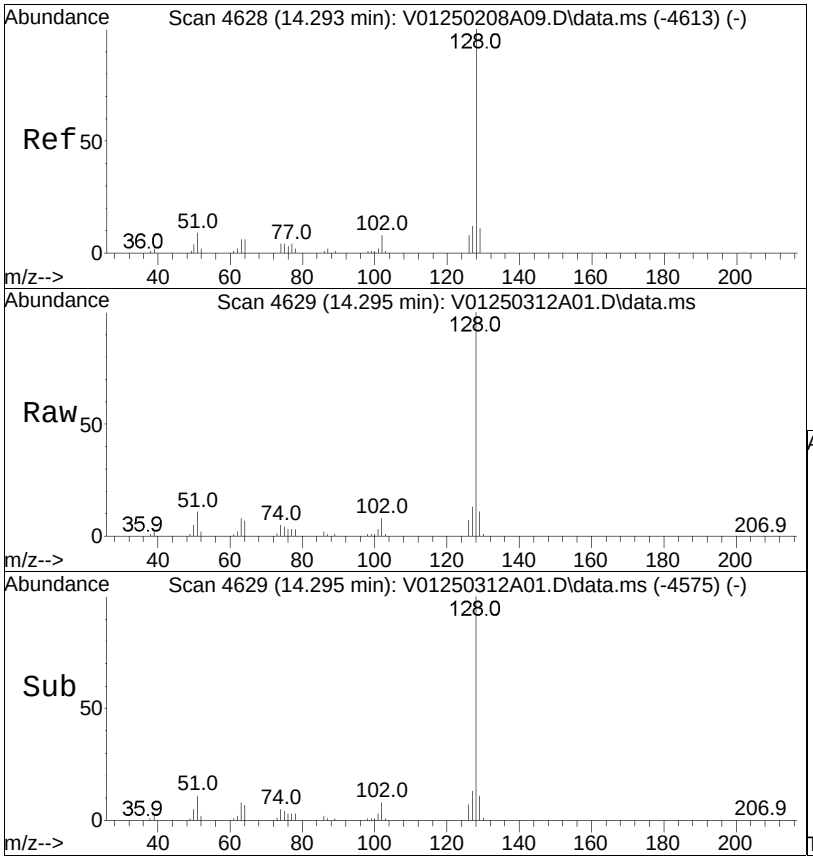


#109
1,2,4-Trichlorobenzene
Concen: 9.35 ug/L
RT: 14.000 min Scan# 4523
Delta R.T. -0.000 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:180 Resp: 97878

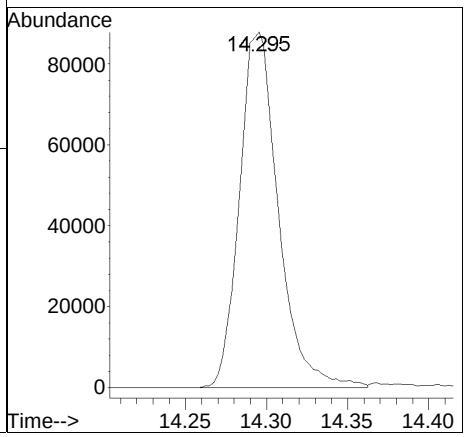
Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.6	114.8
145	36.3	28.7	43.1

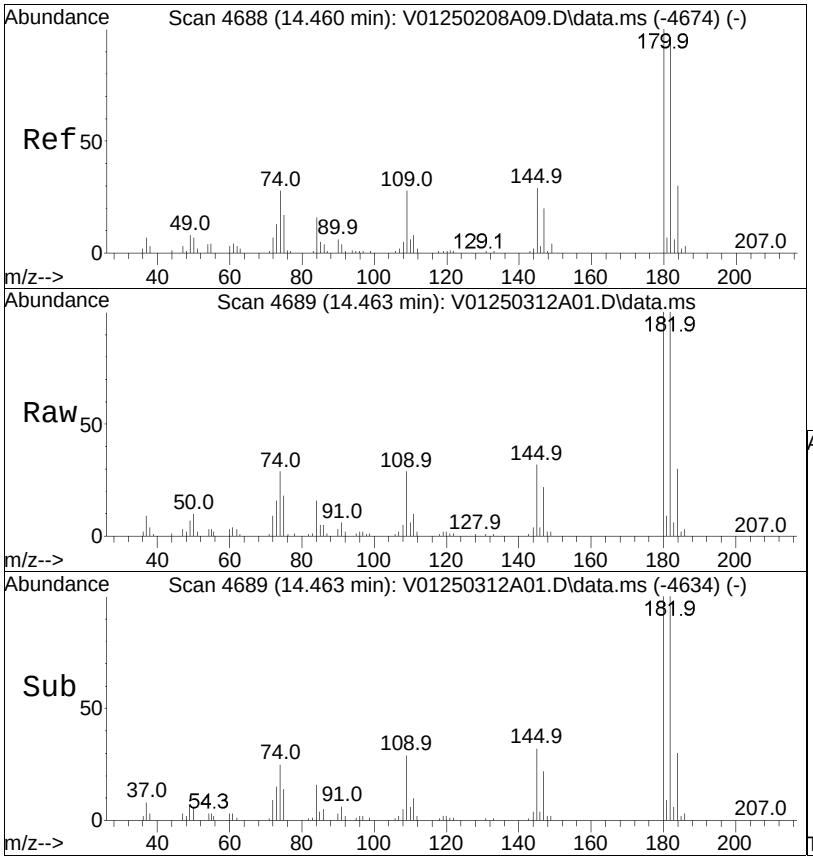




#110
Naphthalene
Concen: 7.67 ug/L
RT: 14.295 min Scan# 4629
Delta R.T. 0.002 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:128 Resp: 146715

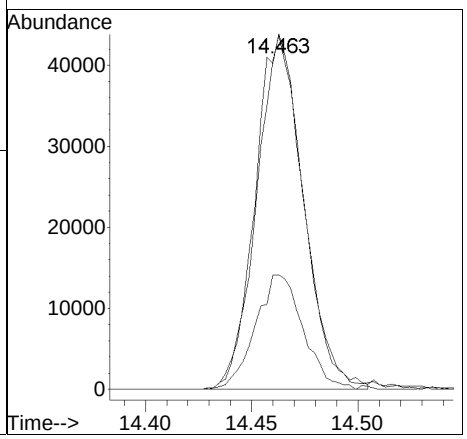




#111
1,2,3-Trichlorobenzene
Concen: 8.67 ug/L
RT: 14.463 min Scan# 4689
Delta R.T. 0.003 min
Lab File: V01250312A01.D
Acq: 12 Mar 2025 7:29 am

Tgt Ion:180 Resp: 69422

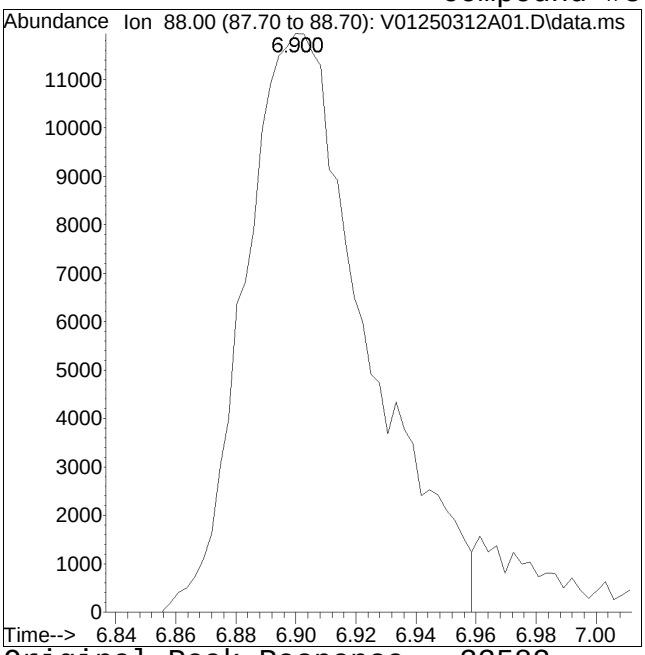
Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.6	114.8
145	31.8	25.6	38.4



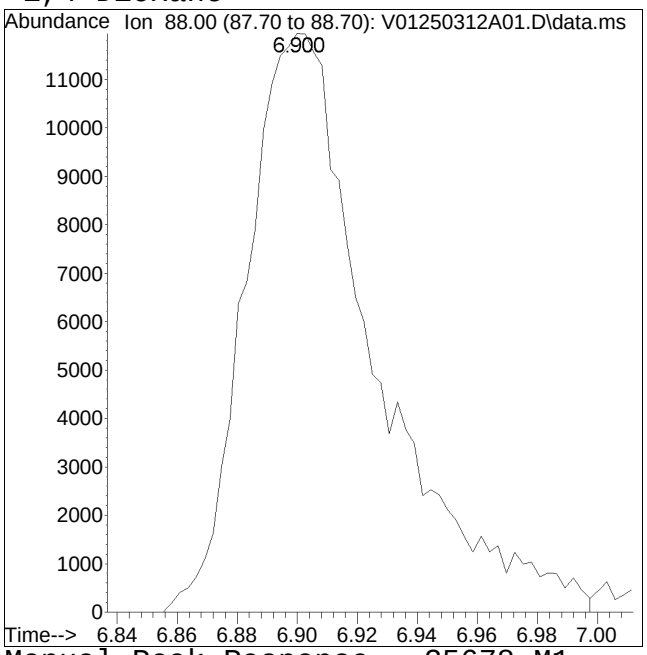
Manual Integration Report

Data Path	: K:\VOA101\2025\250312A\	QMethod	: V101_250208A_8260.m
Data File	: V01250312A01.D	Operator	: VOA101:PID
Date Inj'd	: 3/12/2025 7:29 am	Instrument	: VOA 101
Sample	: WG2039675-3,31,10,10	Quant Date	: 3/12/2025 7:59 am

Compound #57: 1,4-Dioxane



Original Peak Response = 33582



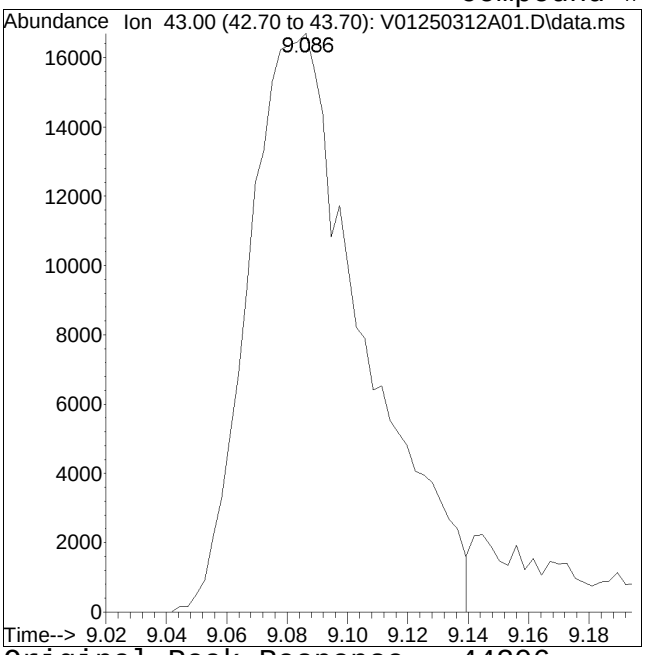
Manual Peak Response = 35678 M1

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

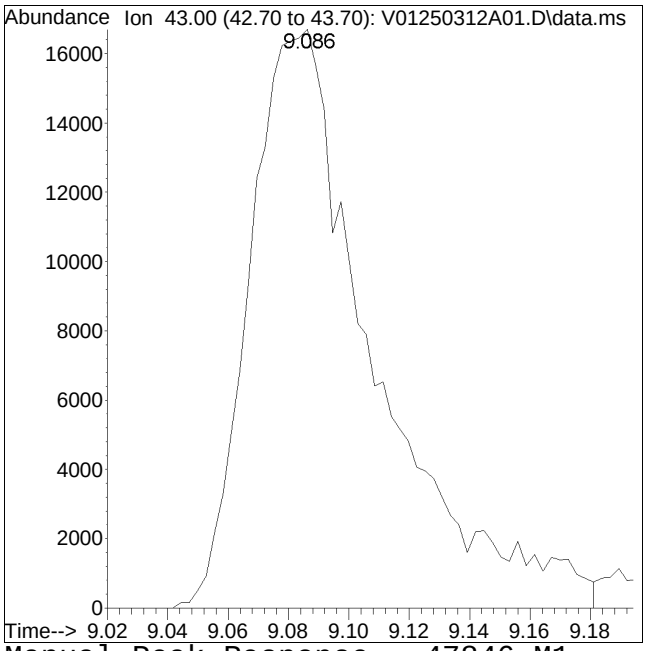
Manual Integration Report

Data Path	: K:\VOA101\2025\250312A\	QMethod	: V101_250208A_8260.m
Data File	: V01250312A01.D	Operator	: VOA101:PID
Date Inj'd	: 3/12/2025 7:29 am	Instrument	: VOA 101
Sample	: WG2039675-3,31,10,10	Quant Date	: 3/12/2025 7:59 am

Compound #72: 2-Hexanone



Original Peak Response = 44206



Manual Peak Response = 47846 M1

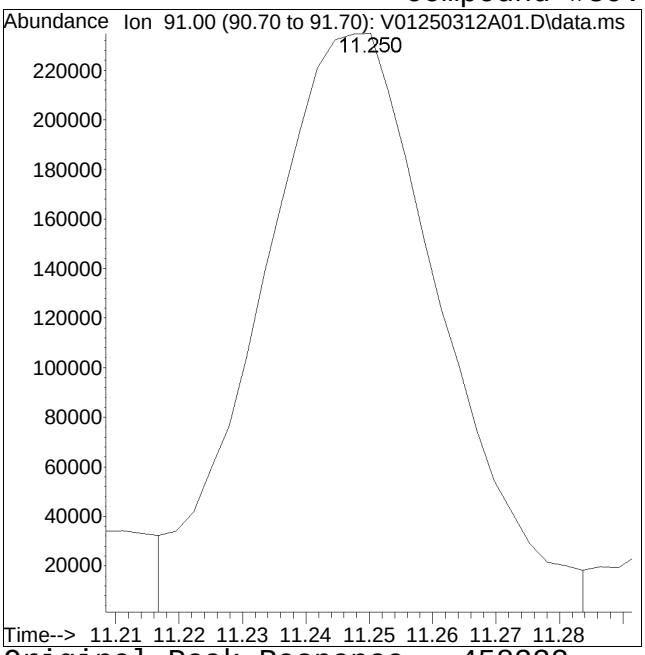
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

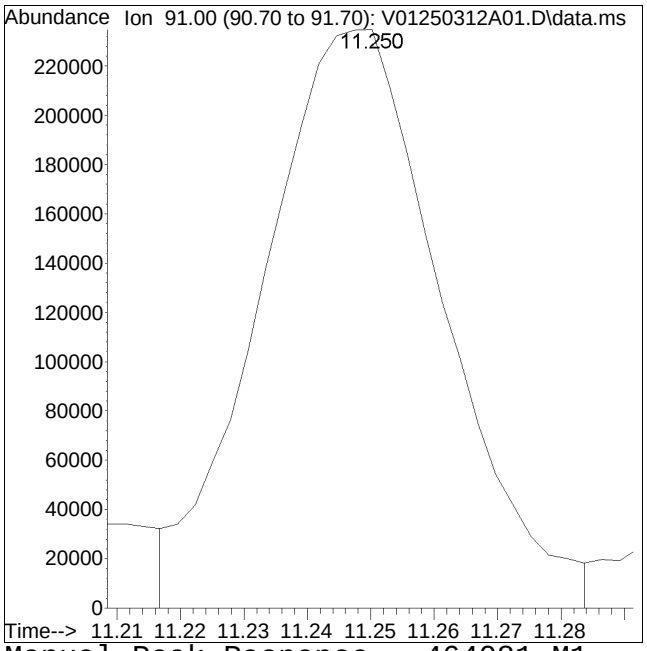
Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A01.D
Date Inj'd : 3/12/2025 7:29 am
Sample : WG2039675-3,31,10,10

QMethod : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 3/12/2025 7:59 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 458332



Manual Peak Response = 464081 M1

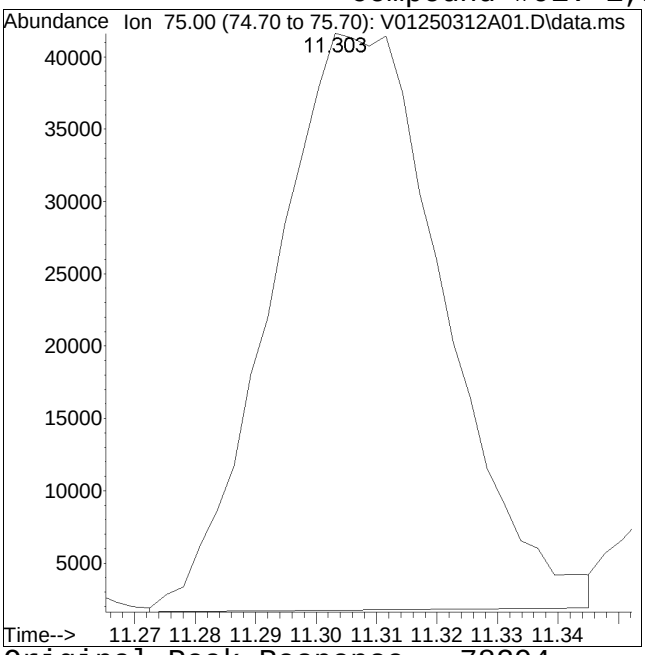
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

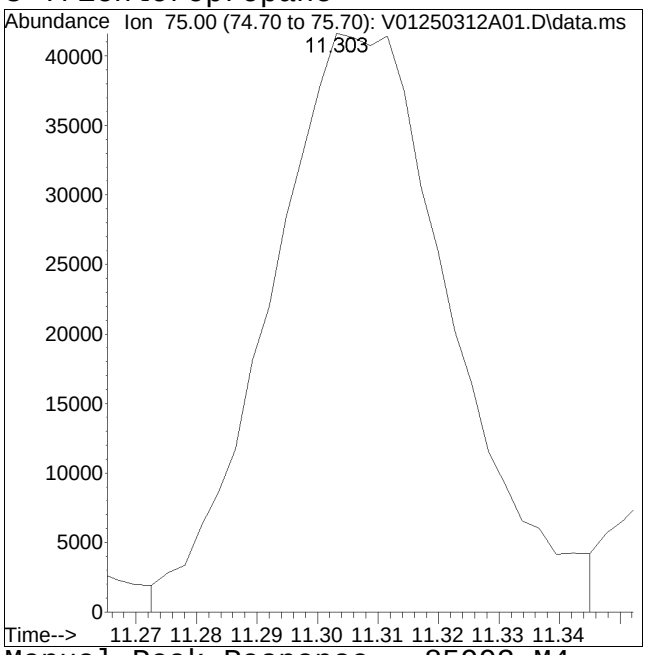
Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A01.D
Date Inj'd : 3/12/2025 7:29 am
Sample : WG2039675-3,31,10,10

QMethod : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 3/12/2025 7:59 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 78294



Manual Peak Response = 85993 M4

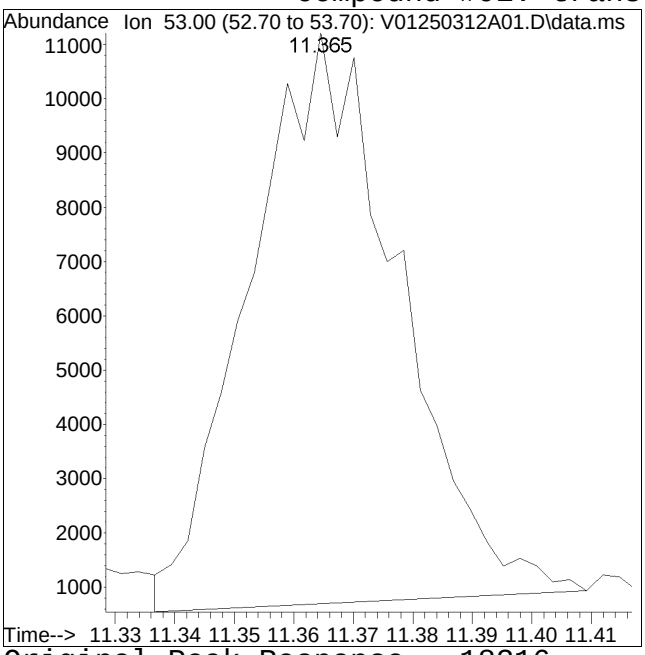
M4 = Poor automated baseline construction.

Manual Integration Report

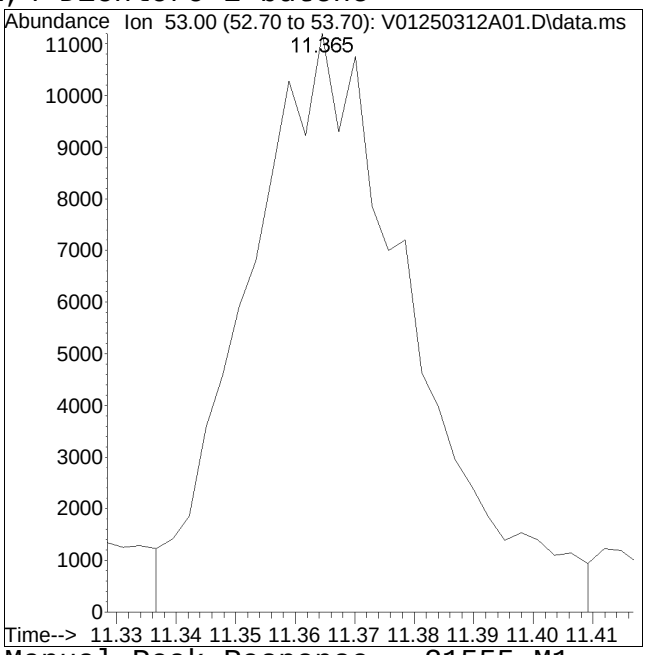
Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A01.D
Date Inj'd : 3/12/2025 7:29 am
Sample : WG2039675-3,31,10,10

QMethod : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 3/12/2025 7:59 am

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 18316



Manual Peak Response = 21555 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A04.D
Acq On : 12 Mar 2025 08:10 am
Operator : VOA122:PID
Sample : WG2039694-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 12 08:51:01 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.884	96	274042	10.000	ug/L	0.00
62) Chlorobenzene-d5	9.414	117	225349	10.000	ug/L	0.00
83) 1,4-Dichlorobenzene-d4	12.146	152	119383	10.000	ug/L	0.00
System Monitoring Compounds						
38) Dibromofluoromethane	5.076	113	83077	10.534	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.34%			
46) 1,2-Dichloroethane-d4	5.598	65	73192	10.421	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.21%			
63) Toluene-d8	7.576	98	287986	10.125	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.25%			
87) 4-Bromofluorobenzene	10.922	95	100265	10.323	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.23%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.585	85	39699	10.012	ug/L	99
3) Chloromethane	1.765	50	47069	12.290	ug/L	97
4) Vinyl chloride	1.836	62	39595	10.450	ug/L	98
5) Bromomethane	2.134	94	28428	10.538	ug/L	96
6) Chloroethane	2.244	64	24115	8.942	ug/L	97
7) Trichlorofluoromethane	2.385	101	55672	10.982	ug/L	99
8) Ethyl ether	2.676	74	13328	10.323	ug/L	99
10) 1,1-Dichloroethene	2.864	96	31745	10.811	ug/L	96
11) Carbon disulfide	2.895	76	96681	11.427	ug/L	100
15) Methylene chloride	3.405	84	37721	10.837	ug/L	95
17) Acetone	3.437	43	6204	10.160	ug/L	96
18) trans-1,2-Dichloroethene	3.554	96	36857	11.130	ug/L	97
21) Methyl tert-butyl ether	3.648	73	60440	9.665	ug/L	98
25) 1,1-Dichloroethane	4.127	63	64525	11.173	ug/L	98
27) Acrylonitrile	4.166	53	7310	10.151	ug/L	99
29) Vinyl acetate	4.354	43	59796	9.896	ug/L	96
30) cis-1,2-Dichloroethene	4.637	96	39888	10.675	ug/L	99
31) 2,2-Dichloropropane	4.739	77	48003	11.019	ug/L	98
32) Bromochloromethane	4.825	128	20797	10.722	ug/L	93
34) Chloroform	4.896	83	61718	10.398	ug/L	98
36) Carbon tetrachloride	5.037	117	50254	10.117	ug/L	98
39) 1,1,1-Trichloroethane	5.100	97	55435	10.889	ug/L	98
41) 2-Butanone	5.186	43	11101	12.342	ug/L	96
42) 1,1-Dichloropropene	5.217	75	41055	10.550	ug/L	99

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Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 12 08:51:01 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Benzene	5.465	78	125437	9.977	ug/L	98
47) 1,2-Dichloroethane	5.661	62	42133	10.618	ug/L	99
51) Trichloroethene	6.058	95	37362	10.428	ug/L	98
53) Dibromomethane	6.491	93	15719	10.829	ug/L	98
54) 1,2-Dichloropropane	6.596	63	32541	10.478	ug/L	98
57) Bromodichloromethane	6.672	83	45006	10.130	ug/L	99
60) 1,4-Dioxane	6.881	88	9672	480.320	ug/L	97
61) cis-1,3-Dichloropropene	7.360	75	45712	10.070	ug/L	93
64) Toluene	7.631	92	86272	10.152	ug/L	99
65) 4-Methyl-2-pentanone	8.069	58	4728	7.434	ug/L	88
66) Tetrachloroethene	8.076	166	38966	9.533	ug/L	99
68) trans-1,3-Dichloropropene	8.111	75	37561	8.718	ug/L	96
71) 1,1,2-Trichloroethane	8.291	83	20144	9.240	ug/L	99
72) Chlorodibromomethane	8.507	129	32647	9.280	ug/L	97
73) 1,3-Dichloropropane	8.618	76	41503	9.661	ug/L	99
74) 1,2-Dibromoethane	8.778	107	25540	9.502	ug/L	99
76) 2-Hexanone	9.070	43	9214	8.147	ug/L	95
77) Chlorobenzene	9.435	112	105597	9.886	ug/L	99
78) Ethylbenzene	9.477	91	162190	10.037	ug/L	100
79) 1,1,1,2-Tetrachloroethane	9.519	131	33808	9.435	ug/L	98
80) p/m Xylene	9.667	106	129801	20.187	ug/L	100
81) o Xylene	10.214	106	124333	19.602	ug/L	98
82) Styrene	10.277	104	200835	19.403	ug/L	100
84) Bromoform	10.298	173	18466	8.383	ug/L	99
86) Isopropylbenzene	10.606	105	167420	10.472	ug/L	98
88) Bromobenzene	11.034	156	48274	10.744	ug/L	98
89) n-Propylbenzene	11.090	91	183177	10.194	ug/L	98
91) 1,1,2,2-Tetrachloroethane	11.167	83	29449	9.355	ug/L	98
92) 4-Ethyltoluene	11.216	105	161124	10.639	ug/L	98
93) 2-Chlorotoluene	11.251	91	118806M6	10.365	ug/L	
94) 1,3,5-Trimethylbenzene	11.322	105	129628	10.230	ug/L	98
95) 1,2,3-Trichloropropane	11.307	75	22658	9.438	ug/L	97
96) trans-1,4-Dichloro-2-b...	11.364	53	7933	9.530	ug/L	97
97) 4-Chlorotoluene	11.441	91	115795	9.826	ug/L	99
98) tert-Butylbenzene	11.658	119	126601	9.961	ug/L	99
101) 1,2,4-Trimethylbenzene	11.742	105	144220	9.985	ug/L	99
102) sec-Butylbenzene	11.853	105	146834	10.011	ug/L	100
103) p-Isopropyltoluene	12.013	119	126066	9.833	ug/L	100
104) 1,3-Dichlorobenzene	12.069	146	88040	10.031	ug/L	99
105) 1,4-Dichlorobenzene	12.160	146	87877	9.868	ug/L	99

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Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 12 08:51:01 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
106) p-Diethylbenzene	12.389	119	72629	9.774	ug/L	99
107) n-Butylbenzene	12.445	91	100152	10.107	ug/L	100
108) 1,2-Dichlorobenzene	12.584	146	81689	9.853	ug/L	98
109) 1,2,4,5-Tetramethylben...	13.190	119	109030	9.395	ug/L	100
110) 1,2-Dibromo-3-chloropr...	13.371	155	4593	8.749	ug/L	94
112) Hexachlorobutadiene	13.990	225	14788	9.635	ug/L	99
113) 1,2,4-Trichlorobenzene	14.004	180	48628	9.921	ug/L	98
114) Naphthalene	14.297	128	99466	9.226	ug/L	100
115) 1,2,3-Trichlorobenzene	14.471	180	41755	9.711	ug/L	95

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A04.D
Acq On : 12 Mar 2025 08:10 am
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Sample : WG2039694-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
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Quant Time: Mar 12 08:51:01 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
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QLast Update : Mon Feb 17 06:27:48 2025
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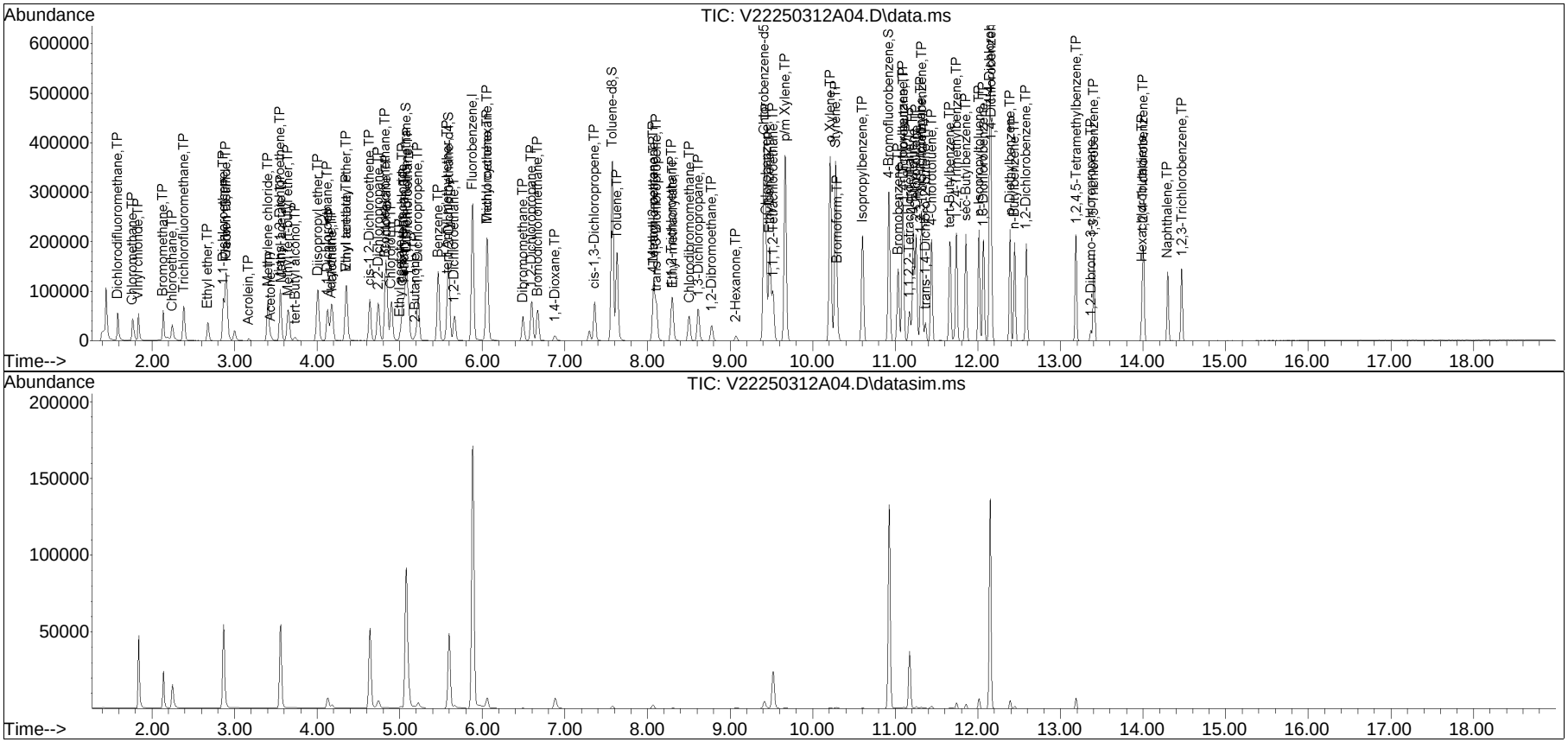
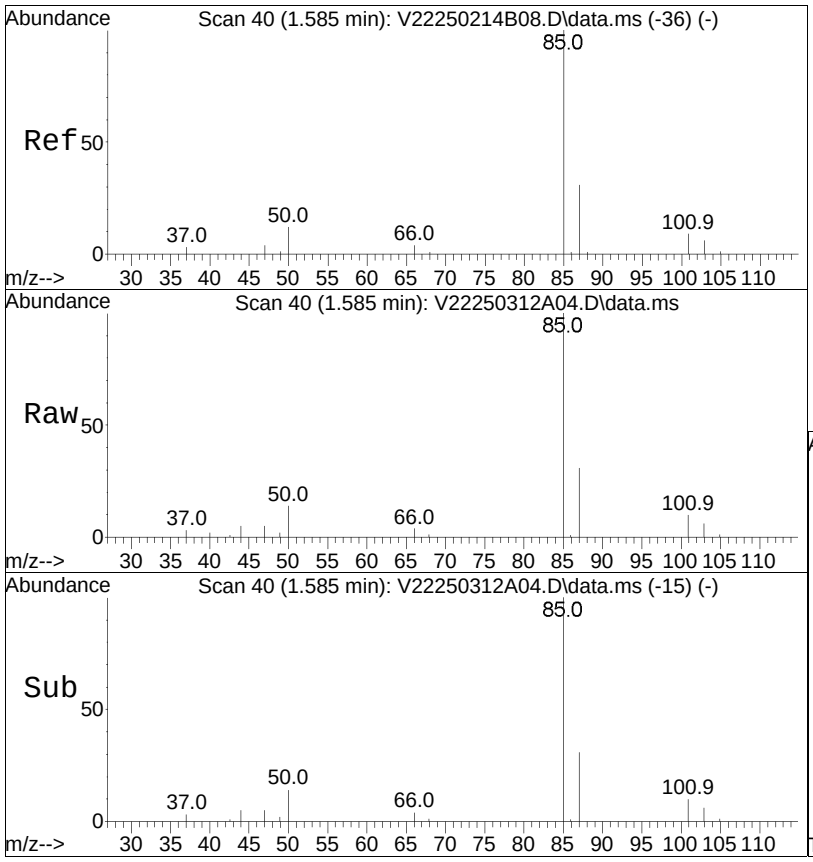
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

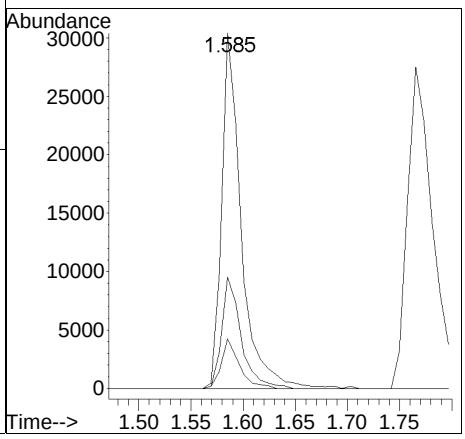


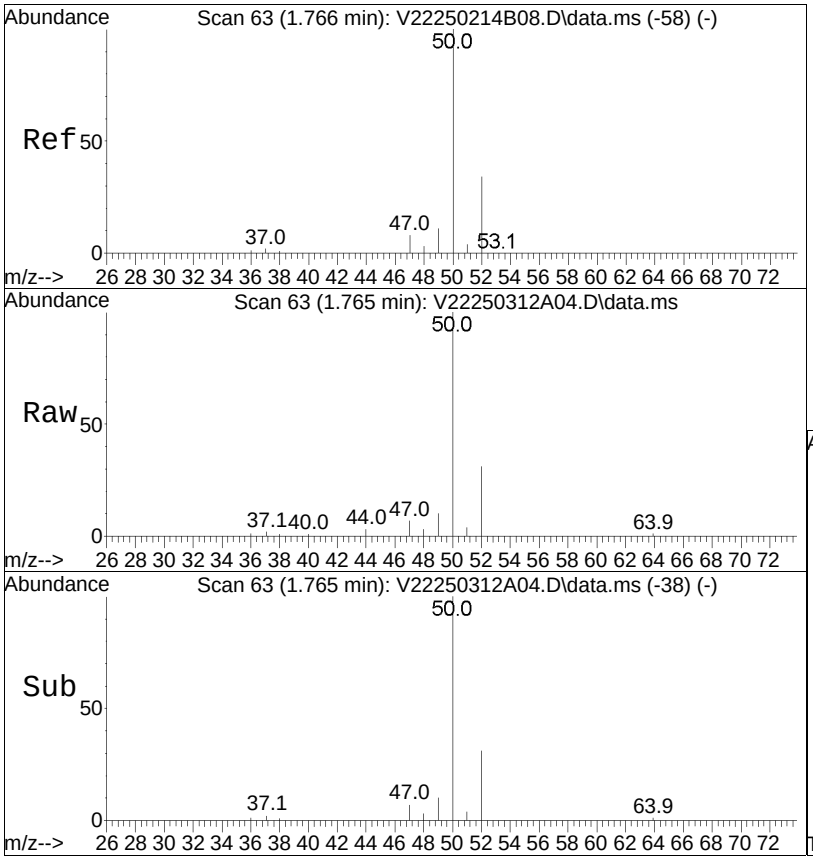


#2
Dichlorodifluoromethane
Concen: 10.01 ug/L
RT: 1.585 min Scan# 40
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 85 Resp: 39699

Ion	Ratio	Lower	Upper
85	100		
87	31.1	20.3	42.1
50	12.9	7.8	16.2

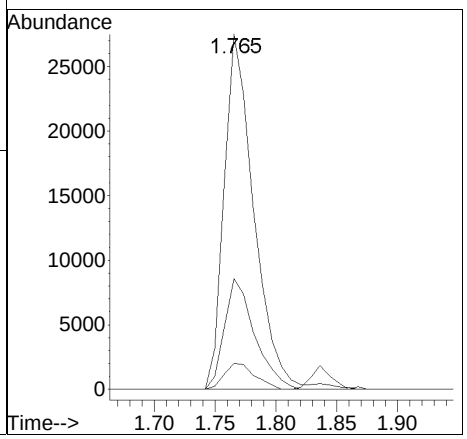


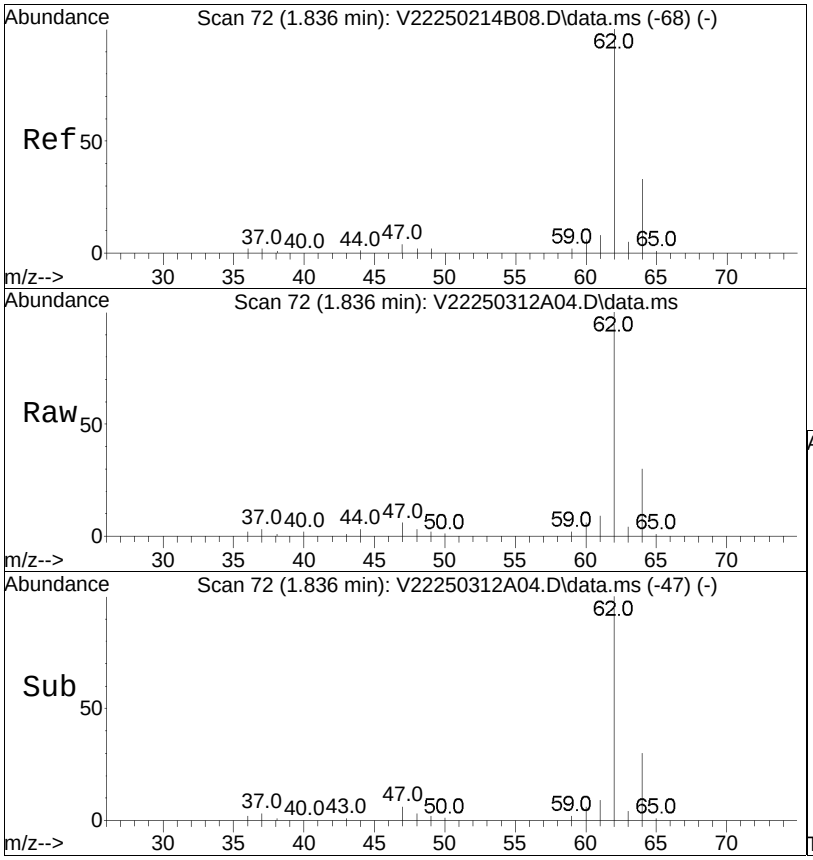


#3
Chloromethane
Concen: 12.29 ug/L
RT: 1.765 min Scan# 63
Delta R.T. -0.001 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 50 Resp: 47069

Ion	Ratio	Lower	Upper
50	100		
52	31.5	13.2	53.2
47	7.6	0.0	28.2

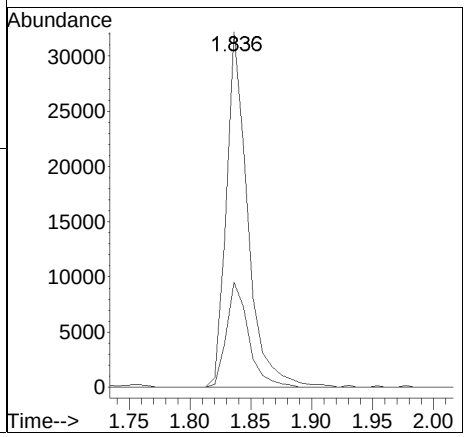


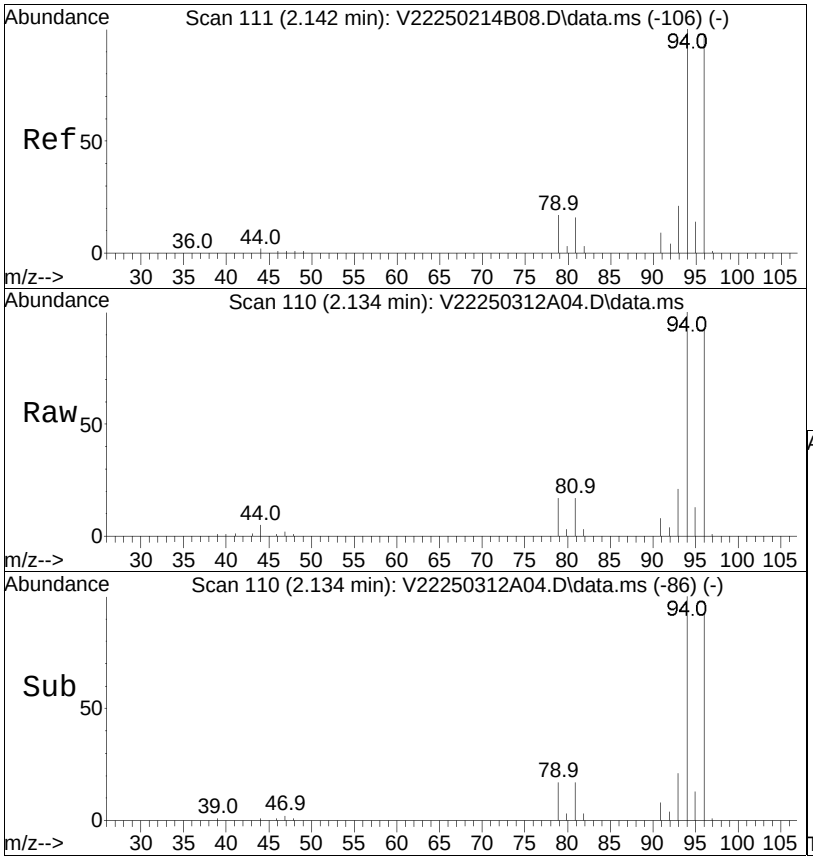


#4
Vinyl chloride
Concen: 10.45 ug/L
RT: 1.836 min Scan# 72
Delta R.T. 0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 62 Resp: 39595

Ion	Ratio	Lower	Upper
62	100		
64	30.6	11.9	51.9

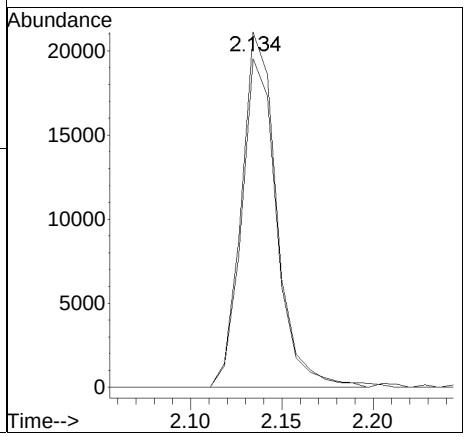


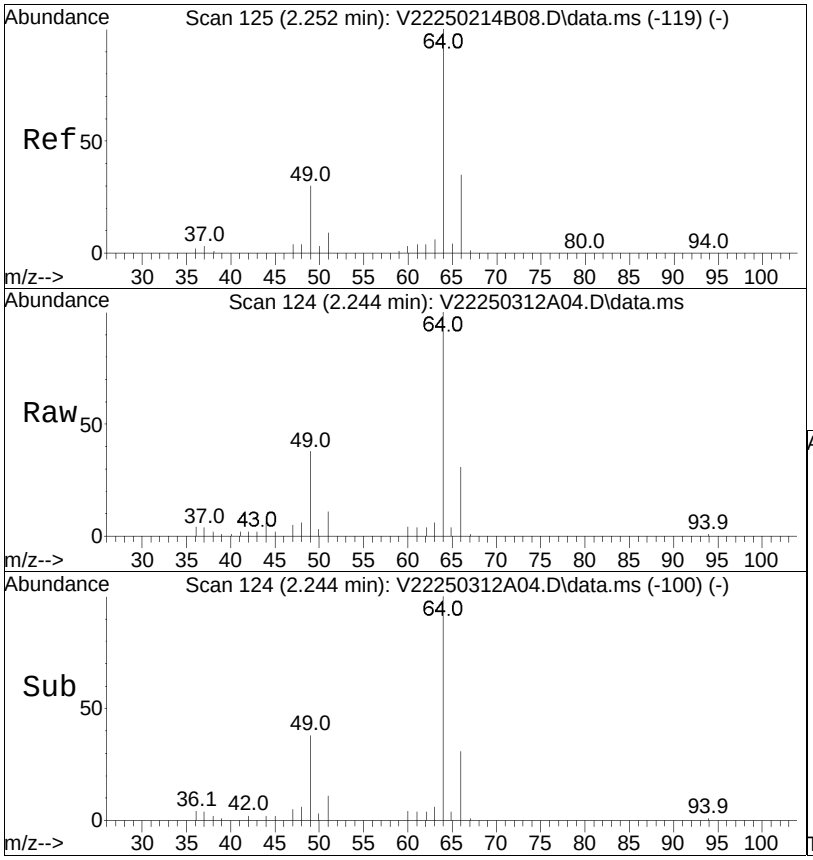


#5
Bromomethane
Concen: 10.54 ug/L
RT: 2.134 min Scan# 110
Delta R.T. -0.008 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 94 Resp: 28428

Ion	Ratio	Lower	Upper
94	100		
96	93.0	76.8	116.8

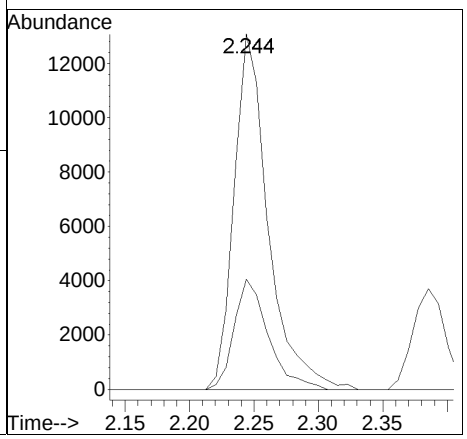


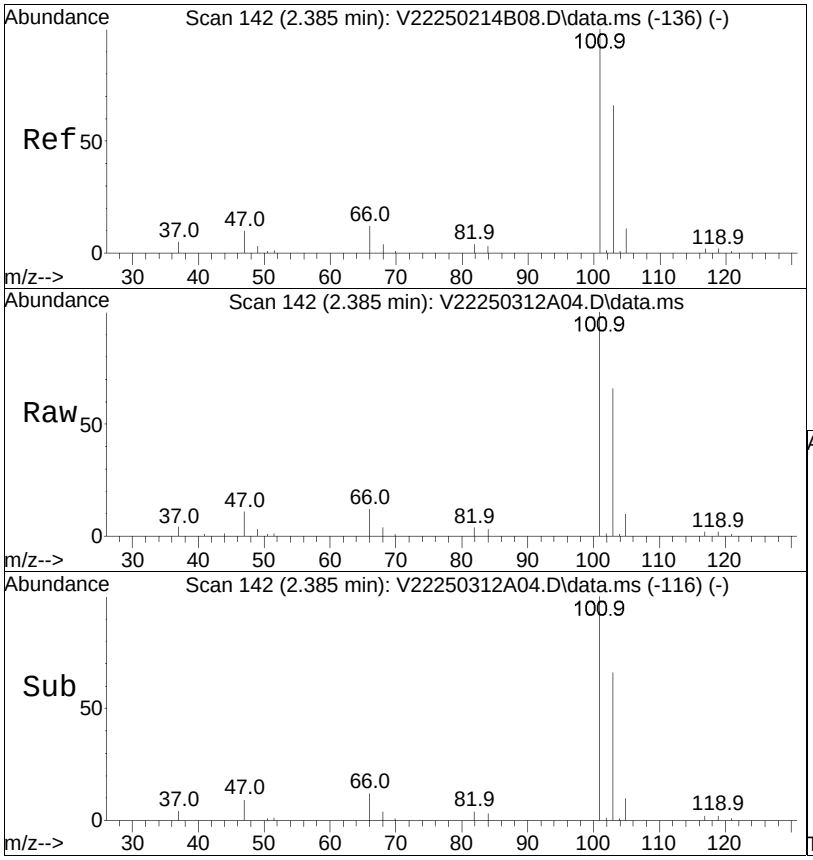


#6
Chloroethane
Concen: 8.94 ug/L
RT: 2.244 min Scan# 124
Delta R.T. -0.008 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 64 Resp: 24115

Ion	Ratio	Lower	Upper
64	100		
66	31.1	12.5	52.5

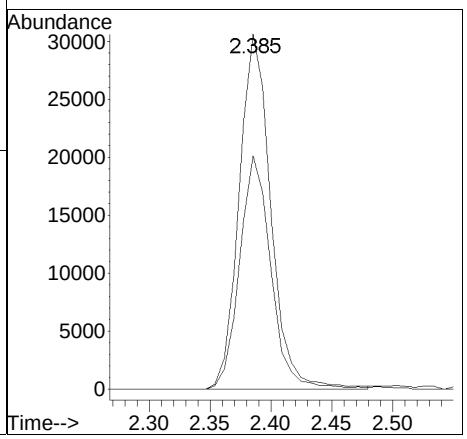


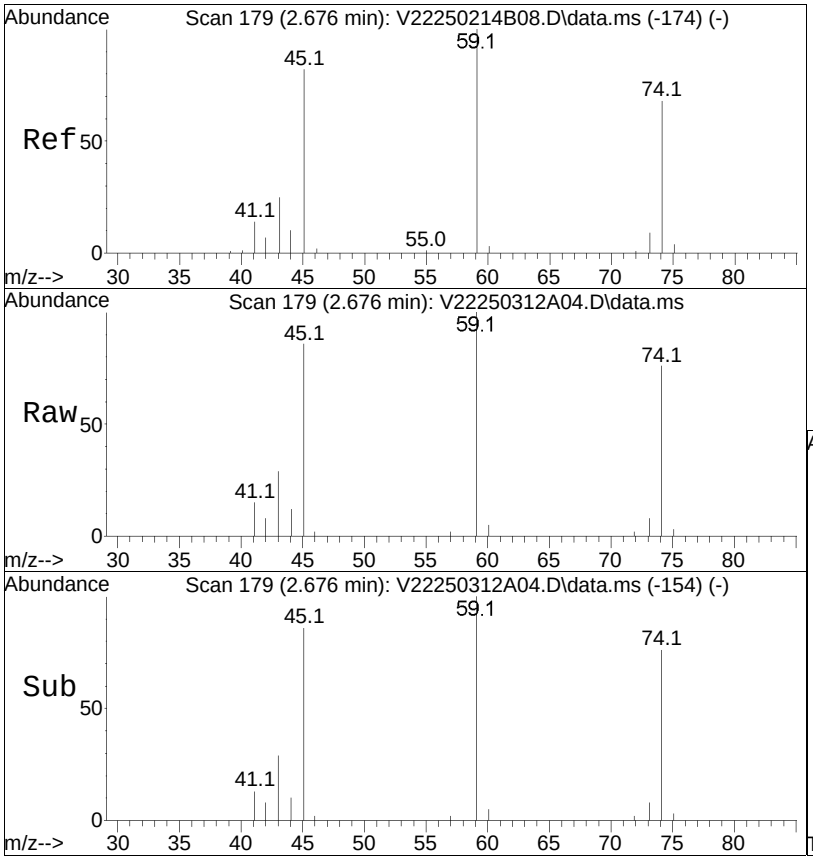


#7
Trichlorofluoromethane
Concen: 10.98 ug/L
RT: 2.385 min Scan# 142
Delta R.T. 0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:101 Resp: 55672

Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.2	78.4

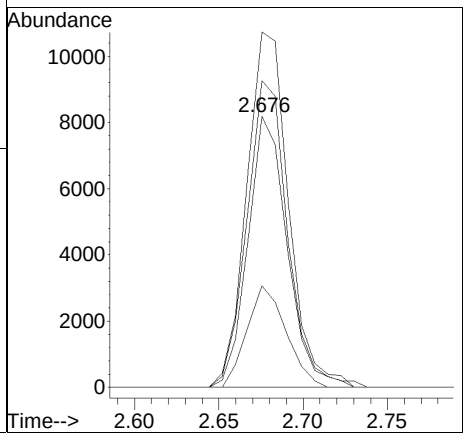


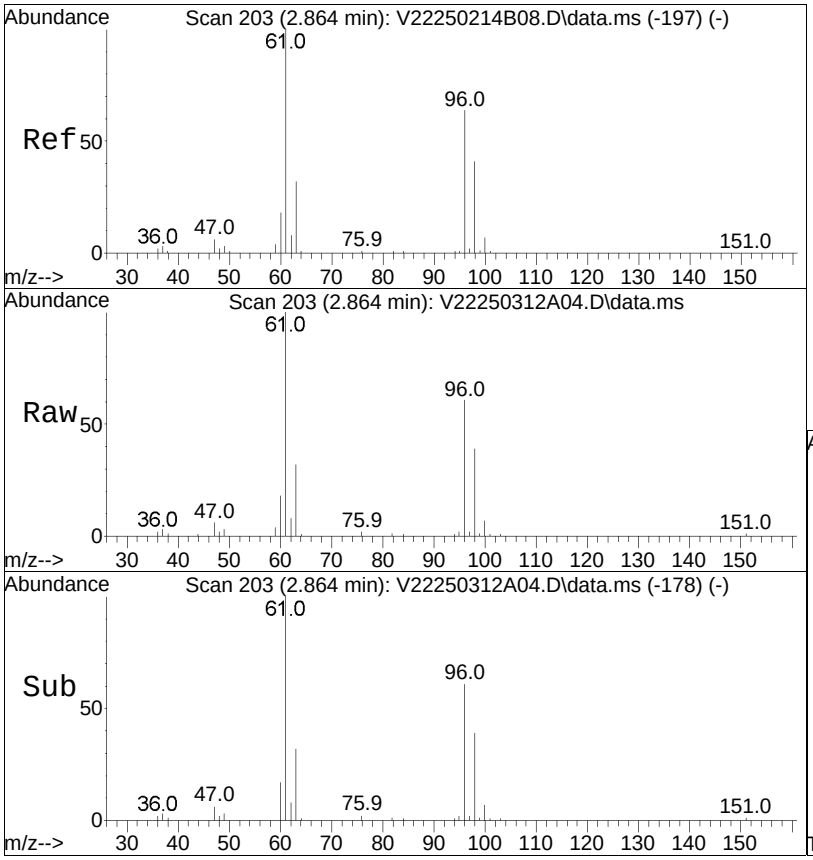


#8
Ethyl ether
Concen: 10.32 ug/L
RT: 2.676 min Scan# 179
Delta R.T. -0.001 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 74 Resp: 13328

Ion	Ratio	Lower	Upper
74	100		
59	139.3	91.3	189.5
45	117.4	75.1	156.1
43	37.4	25.2	52.2

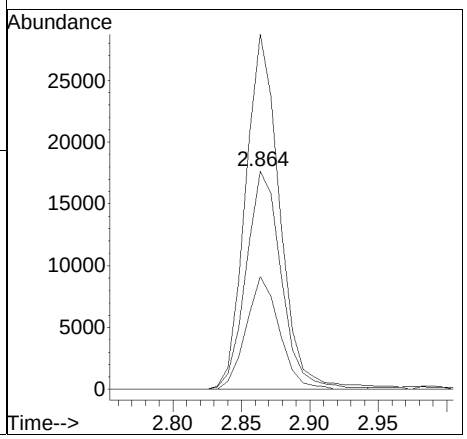


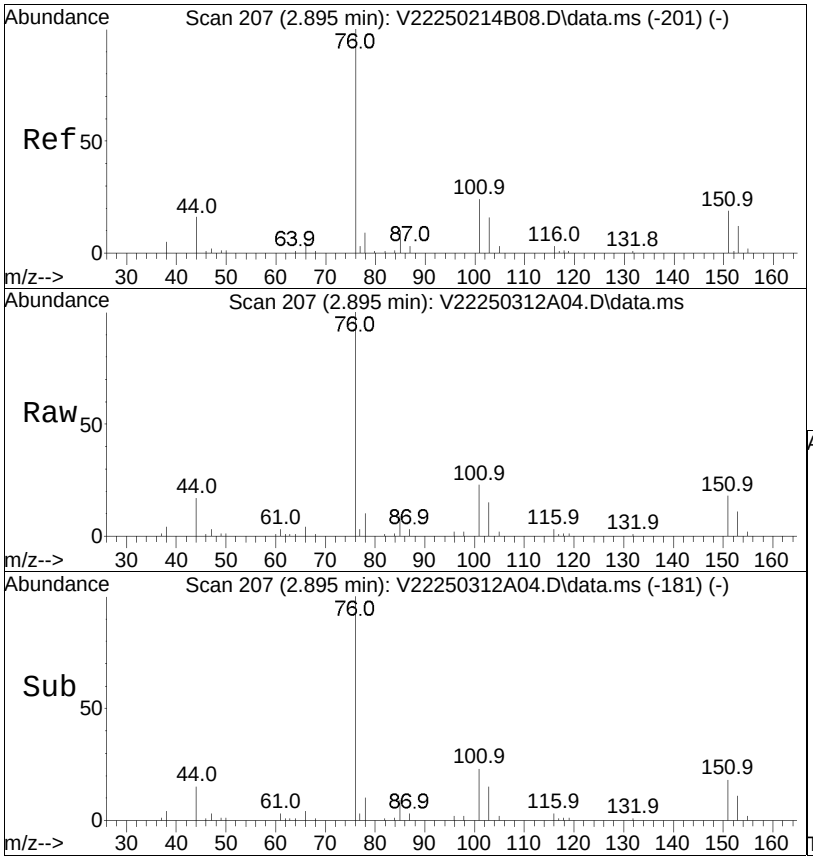


#10
1,1-Dichloroethene
Concen: 10.81 ug/L
RT: 2.864 min Scan# 203
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 96 Resp: 31745

Ion	Ratio	Lower	Upper
96	100		
61	158.4	122.2	183.4
63	48.7	39.7	59.5

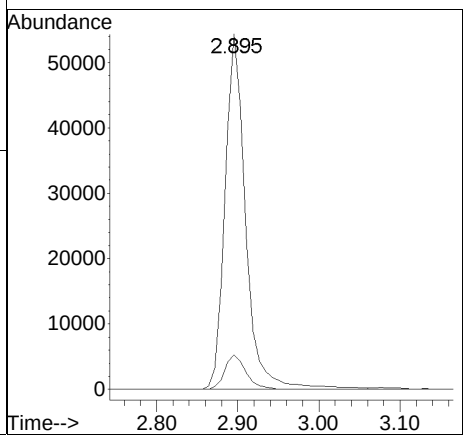


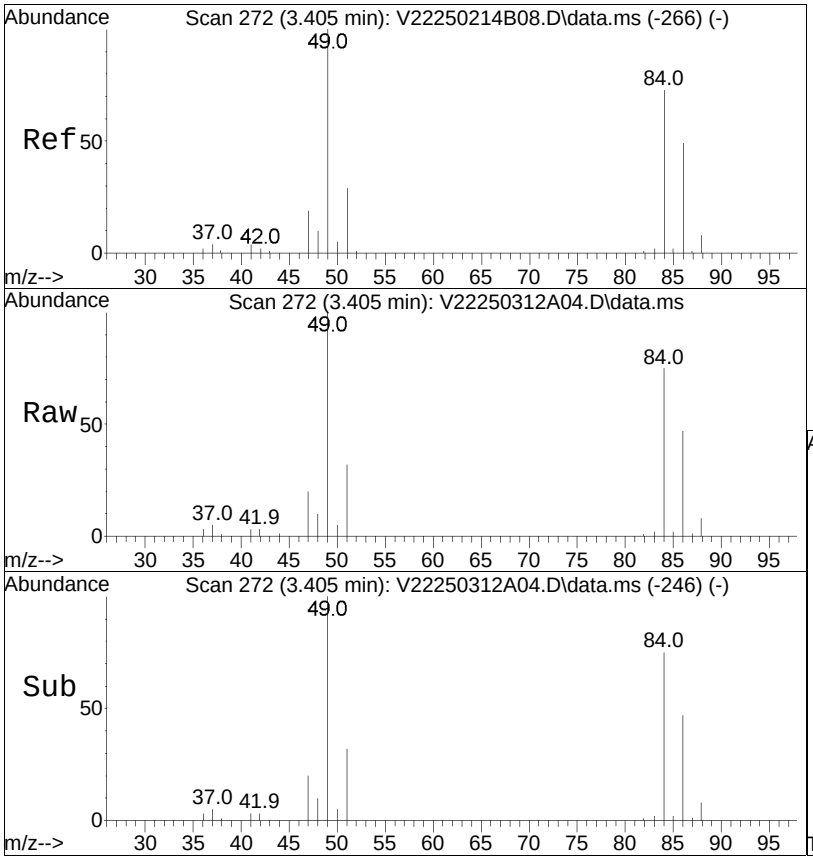


#11
Carbon disulfide
Concen: 11.43 ug/L
RT: 2.895 min Scan# 207
Delta R.T. 0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 76 Resp: 96681

Ion	Ratio	Lower	Upper
76	100		
78	10.0	6.4	13.2

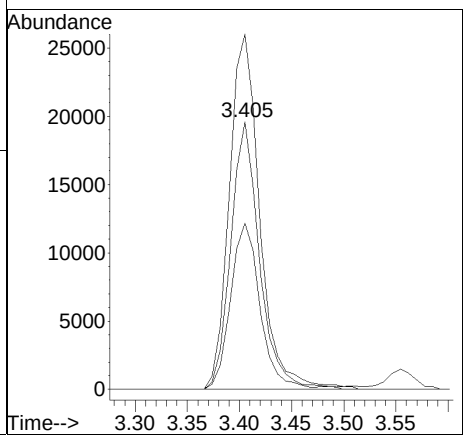


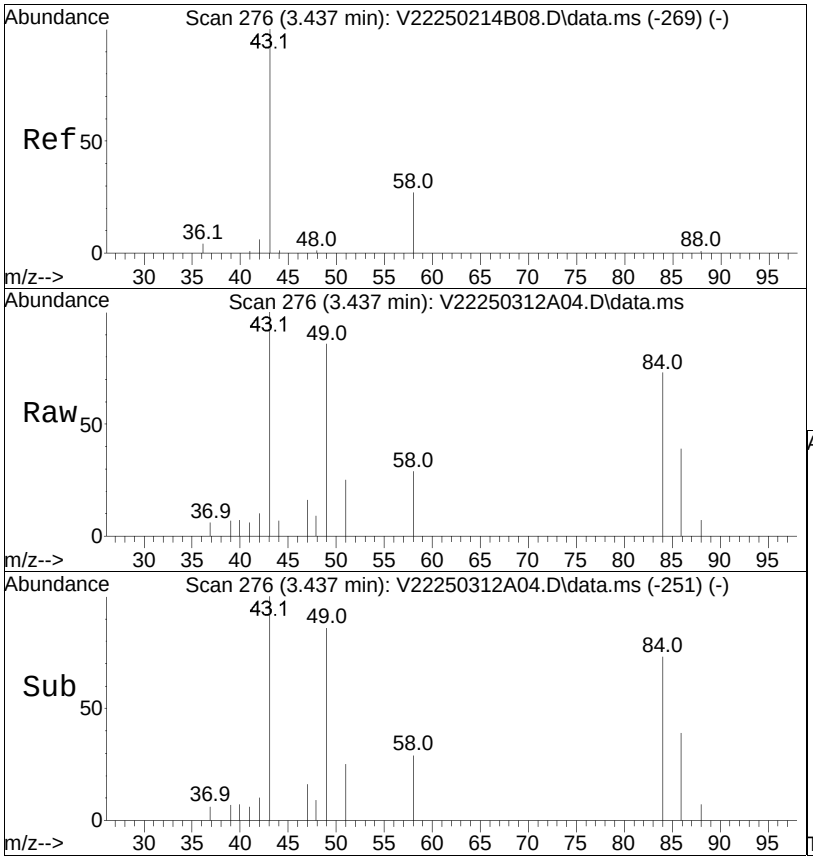


#15
Methylene chloride
Concen: 10.84 ug/L
RT: 3.405 min Scan# 272
Delta R.T. 0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 84 Resp: 37721

Ion	Ratio	Lower	Upper
84	100		
86	64.1	43.4	90.0
49	140.9	87.2	181.0

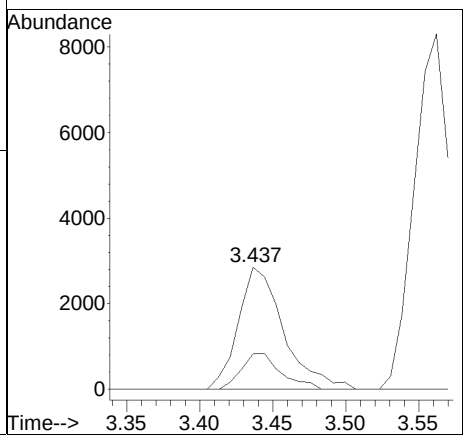


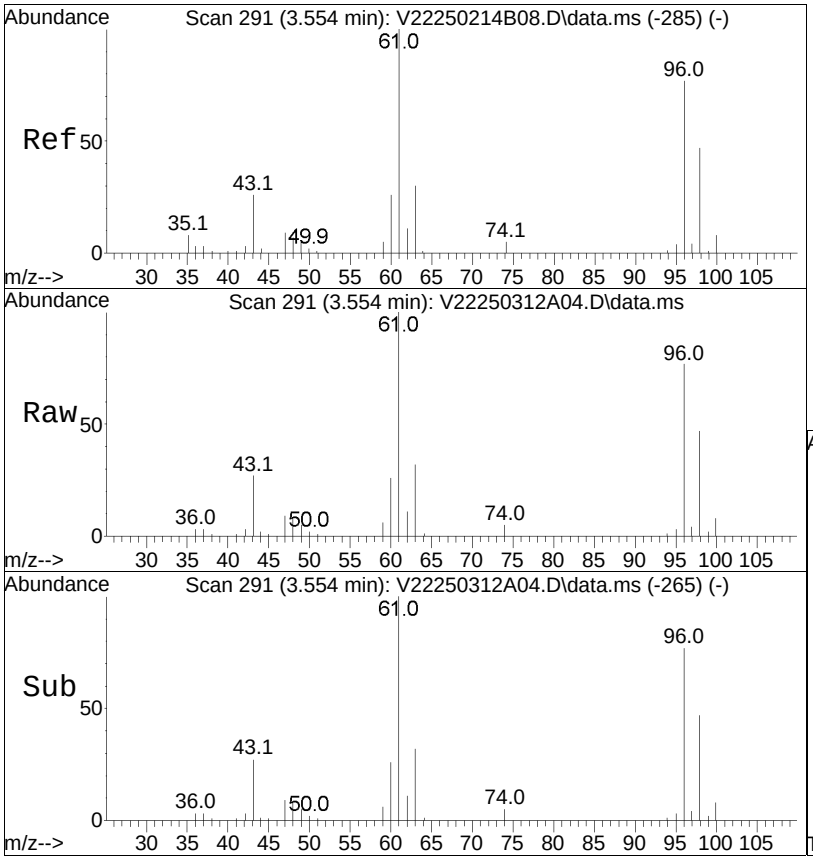


#17
Acetone
Concen: 10.16 ug/L
RT: 3.437 min Scan# 276
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 43 Resp: 6204

Ion	Ratio	Lower	Upper
43	100		
58	25.8	19.1	28.7

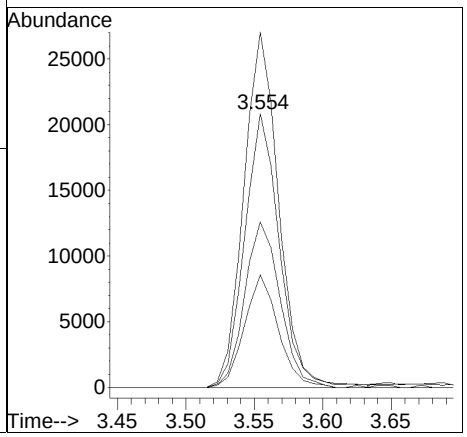


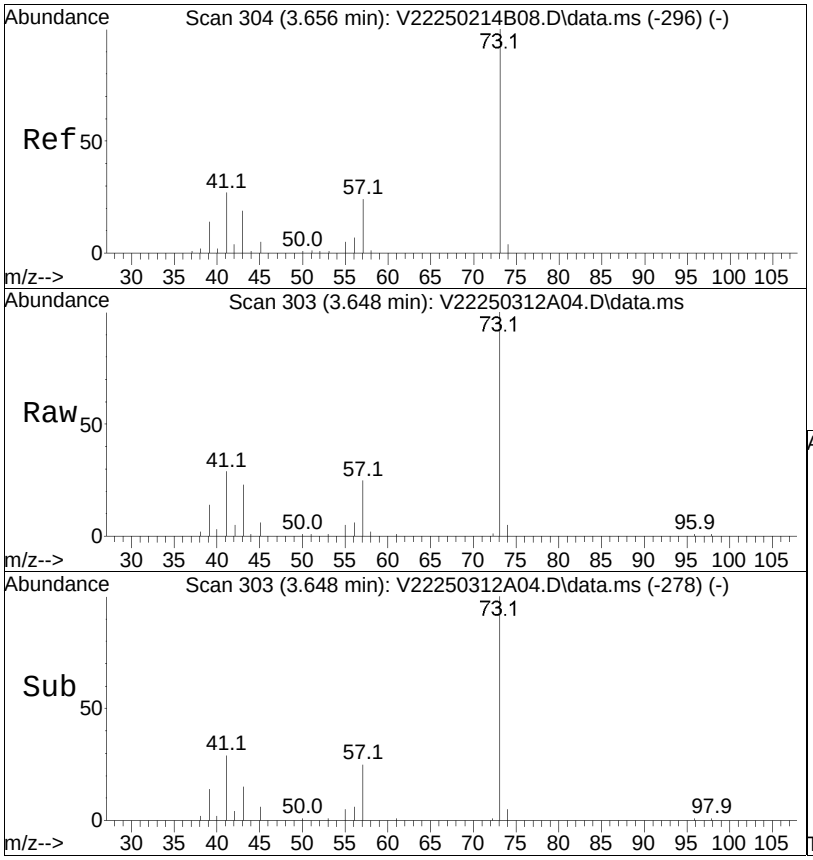


#18
trans-1,2-Dichloroethene
Concen: 11.13 ug/L
RT: 3.554 min Scan# 291
Delta R.T. 0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 96 Resp: 36857

Ion	Ratio	Lower	Upper
96	100		
61	130.4	81.9	170.1
98	61.6	41.1	85.3
63	40.0	25.7	53.3

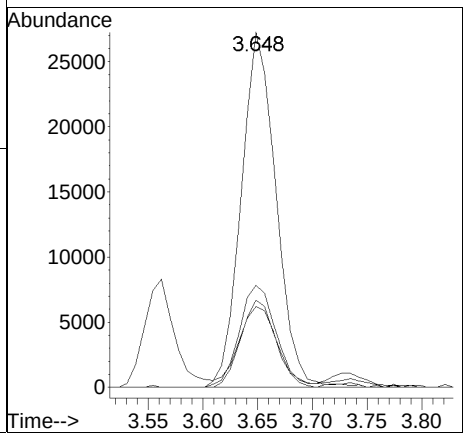


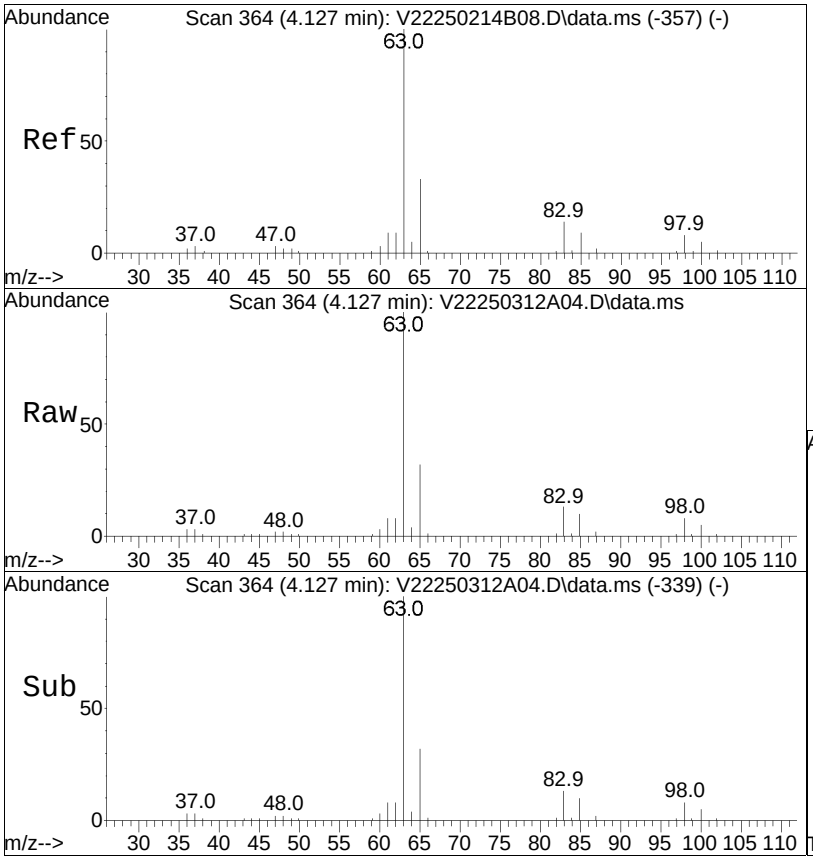


#21
Methyl tert-butyl ether
Concen: 9.66 ug/L
RT: 3.648 min Scan# 303
Delta R.T. -0.008 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 73 Resp: 60440

Ion	Ratio	Lower	Upper
73	100		
57	24.7	15.6	32.4
43	25.2	15.9	32.9
41	30.4	18.4	38.2

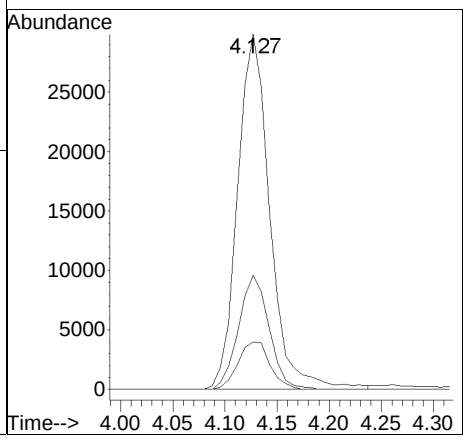


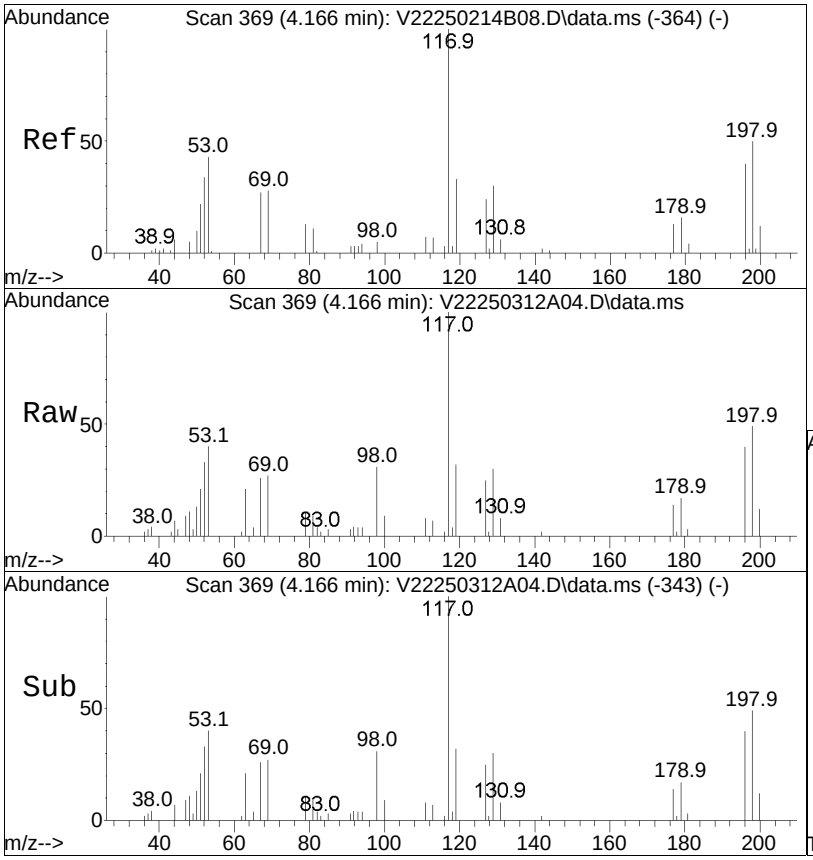


#25
1,1-Dichloroethane
Concen: 11.17 ug/L
RT: 4.127 min Scan# 364
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 63 Resp: 64525

Ion	Ratio	Lower	Upper
63	100		
65	30.2	11.3	51.3
83	13.3	0.0	33.7

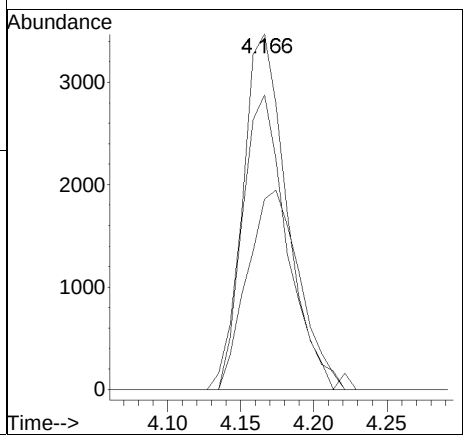


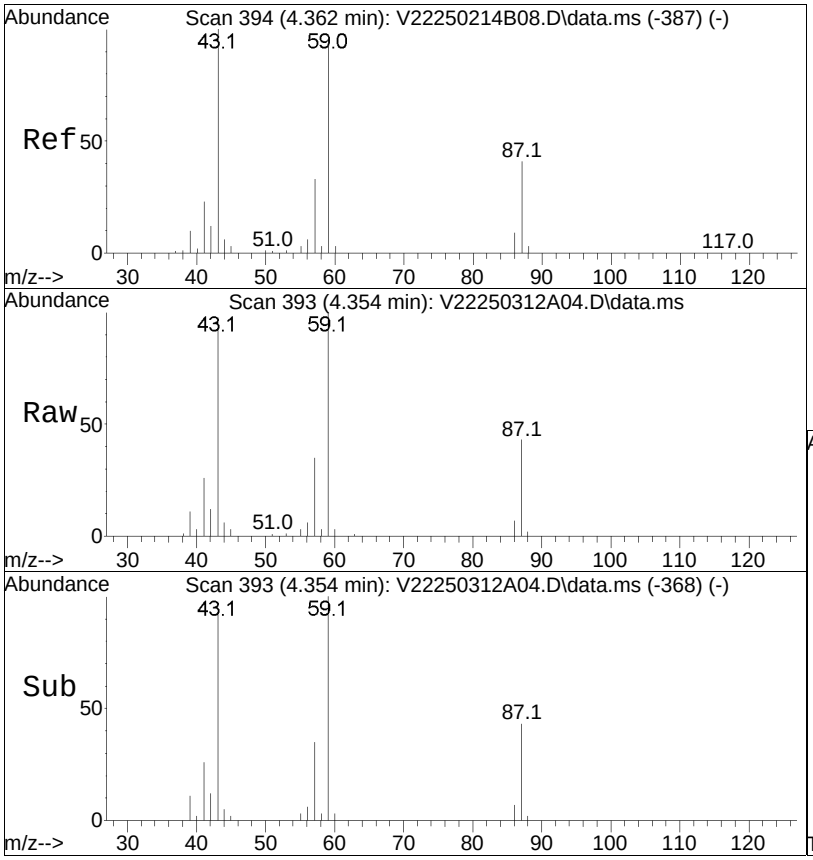


#27
Acrylonitrile
Concen: 10.15 ug/L
RT: 4.166 min Scan# 369
Delta R.T. 0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 53 Resp: 7310

Ion	Ratio	Lower	Upper
53	100		
52	83.6	67.4	101.2
51	66.2	51.8	77.8

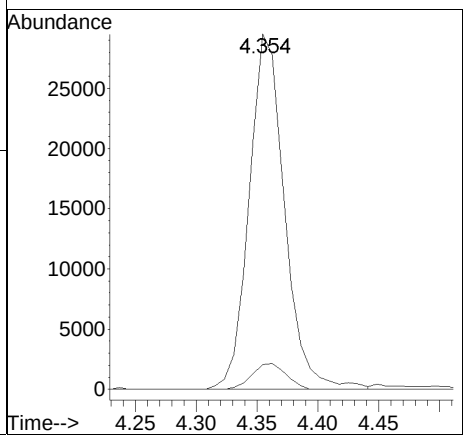


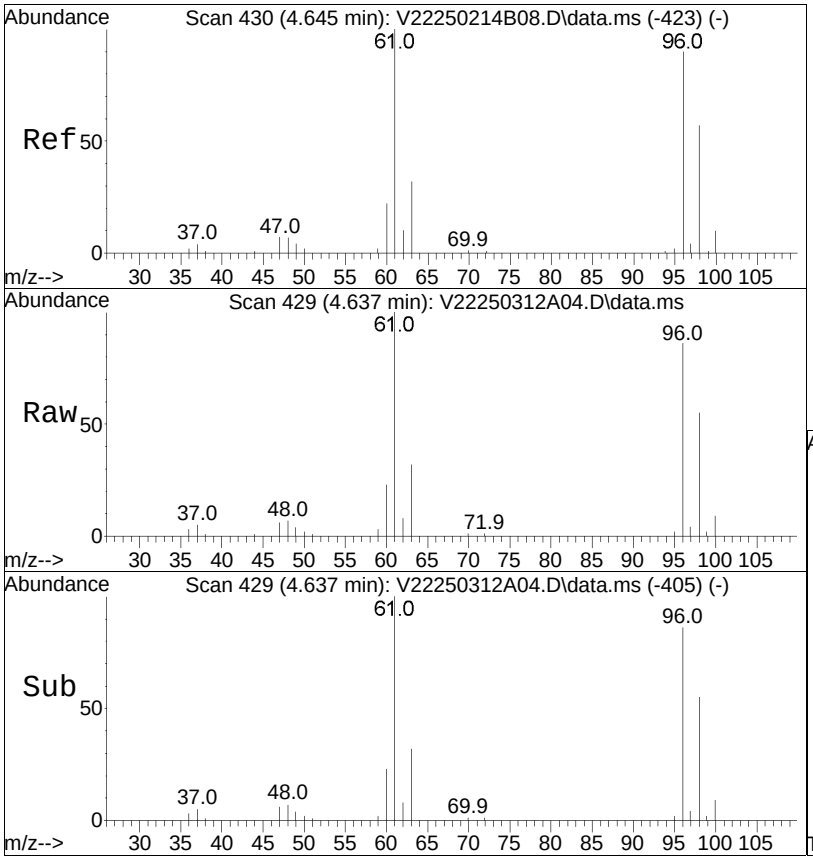


#29
Vinyl acetate
Concen: 9.90 ug/L
RT: 4.354 min Scan# 393
Delta R.T. -0.008 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 43 Resp: 59796

Ion	Ratio	Lower	Upper
43	100		
86	7.1	6.6	10.0

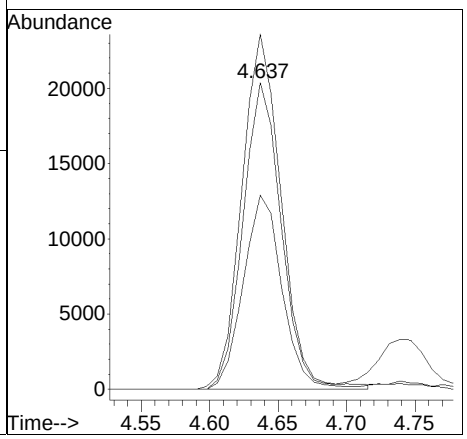


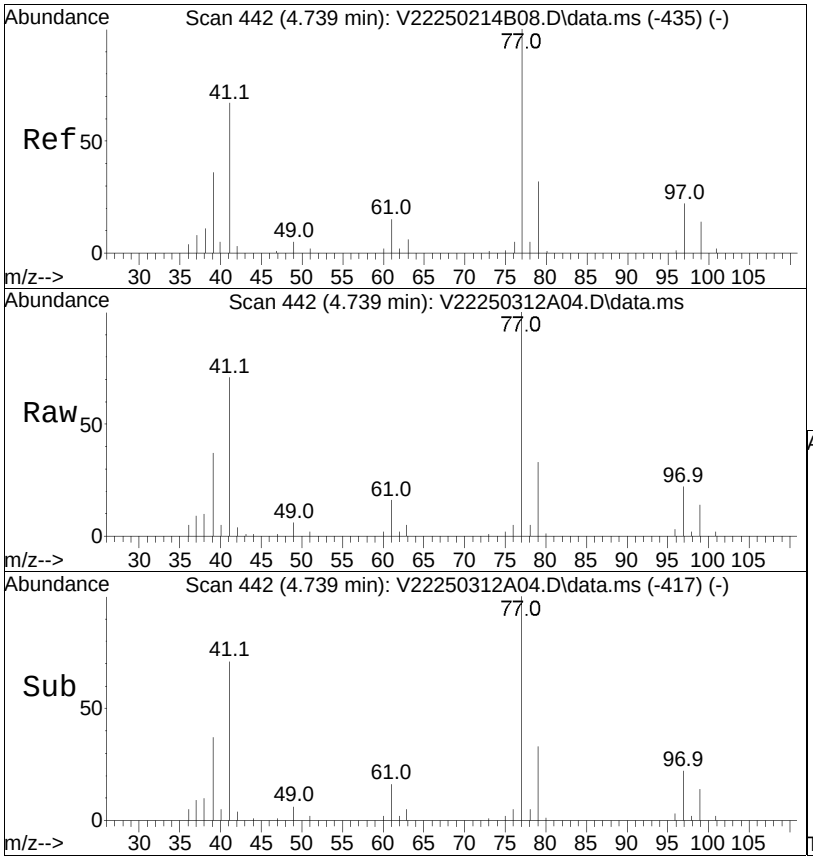


#30
cis-1,2-Dichloroethene
Concen: 10.67 ug/L
RT: 4.637 min Scan# 429
Delta R.T. -0.008 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 96 Resp: 39888

Ion	Ratio	Lower	Upper
96	100		
61	117.3	94.1	141.1
98	64.0	52.1	78.1

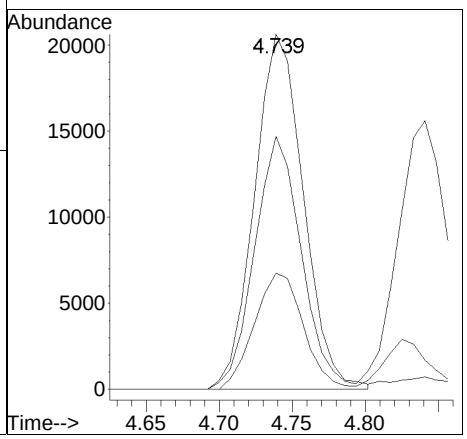


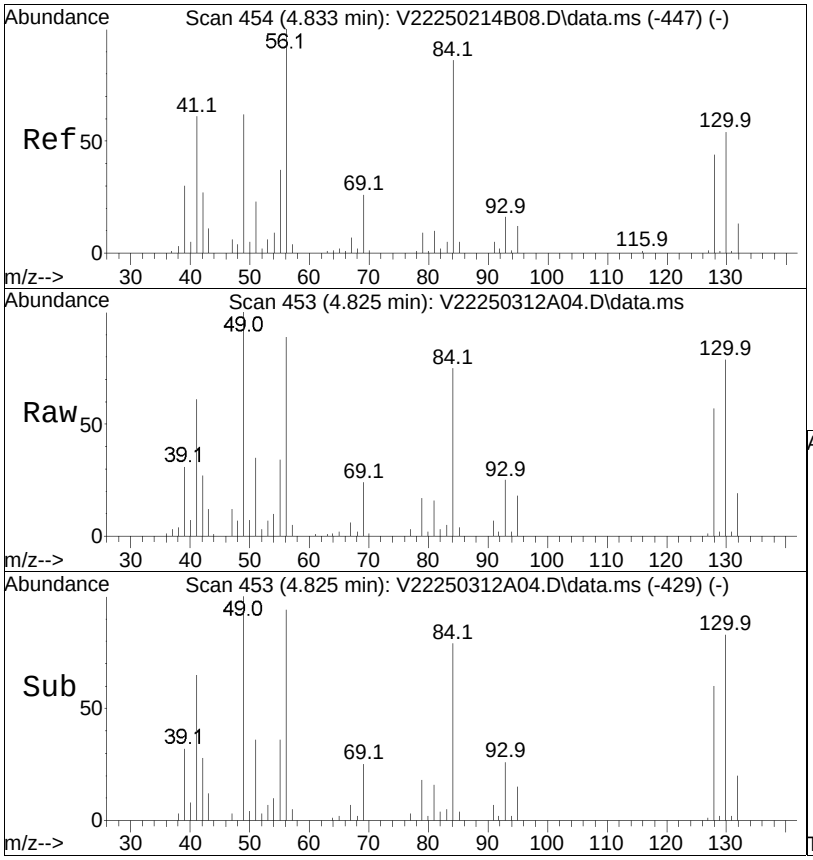


#31
2,2-Dichloropropane
Concen: 11.02 ug/L
RT: 4.739 min Scan# 442
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 77 Resp: 48003

Ion	Ratio	Lower	Upper
77	100		
41	68.4	43.0	89.4
79	32.9	21.1	43.9

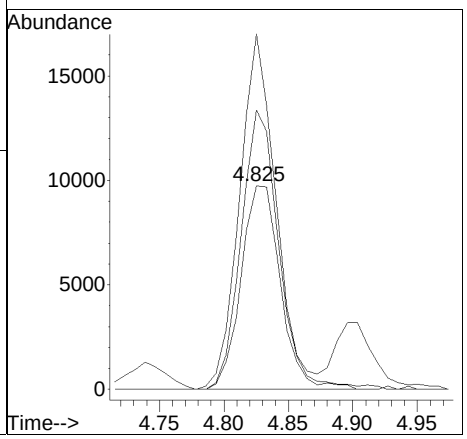


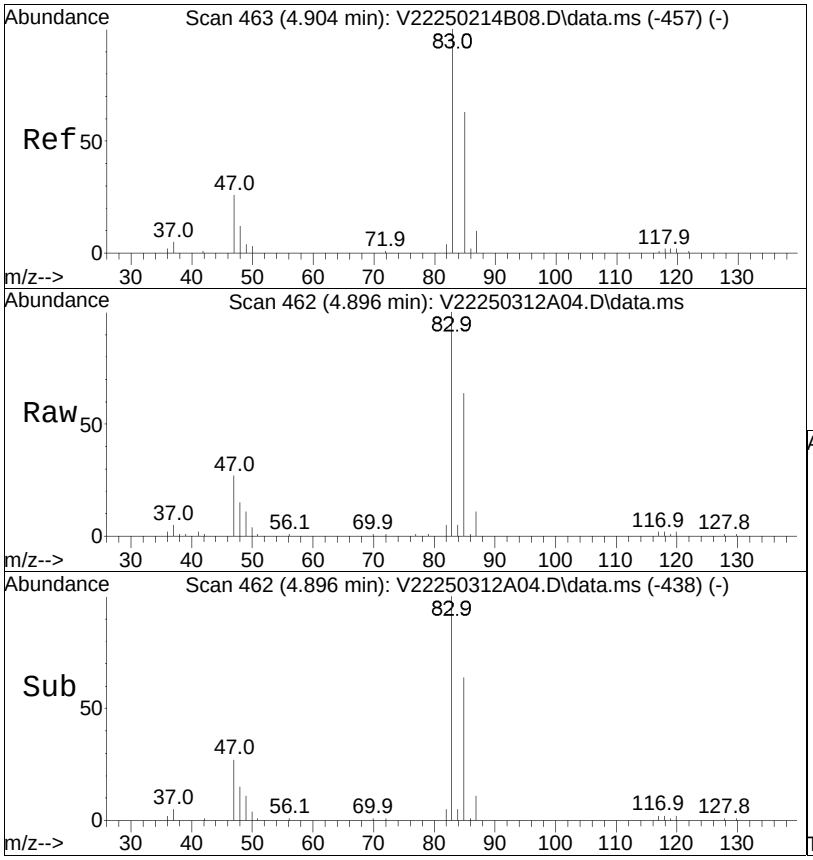


#32
Bromochloromethane
Concen: 10.72 ug/L
RT: 4.825 min Scan# 453
Delta R.T. -0.008 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:128 Resp: 20797

Ion	Ratio	Lower	Upper
128	100		
49	160.3	119.2	178.8
130	131.3	100.2	150.2

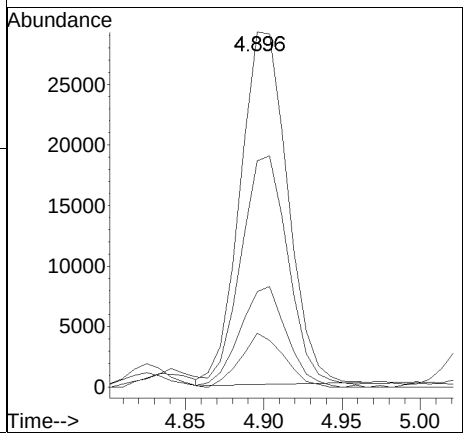


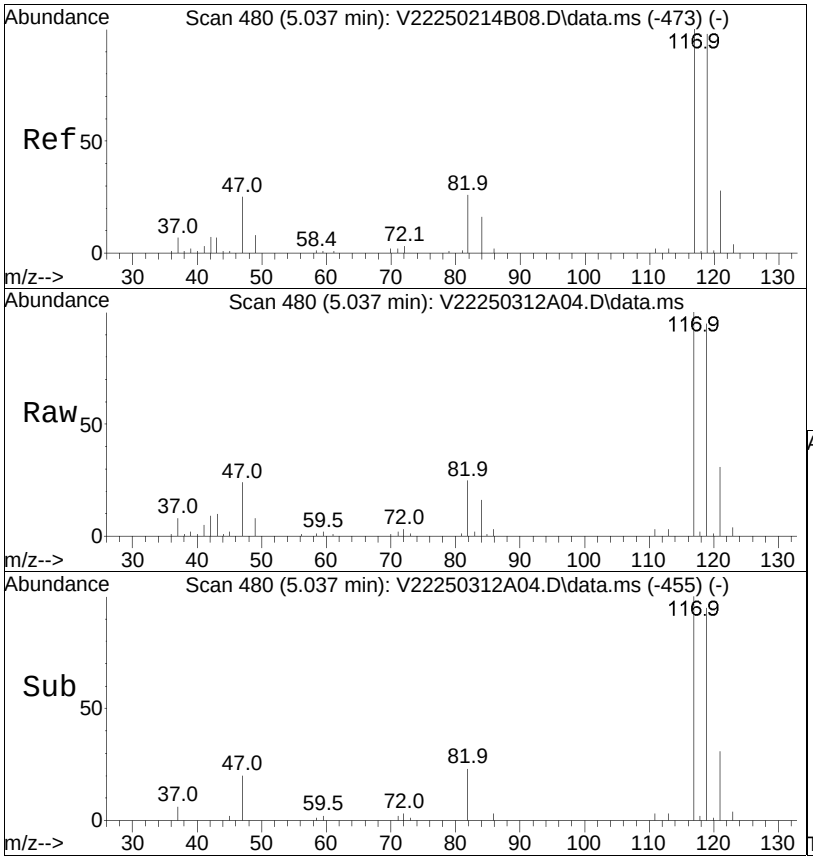


#34
Chloroform
Concen: 10.40 ug/L
RT: 4.896 min Scan# 462
Delta R.T. -0.008 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 83 Resp: 61718

Ion	Ratio	Lower	Upper
83	100		
85	63.9	42.5	88.3
47	28.2	17.2	35.6
48	14.0	8.6	17.8

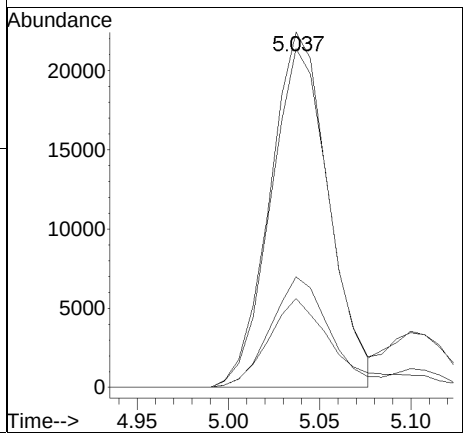


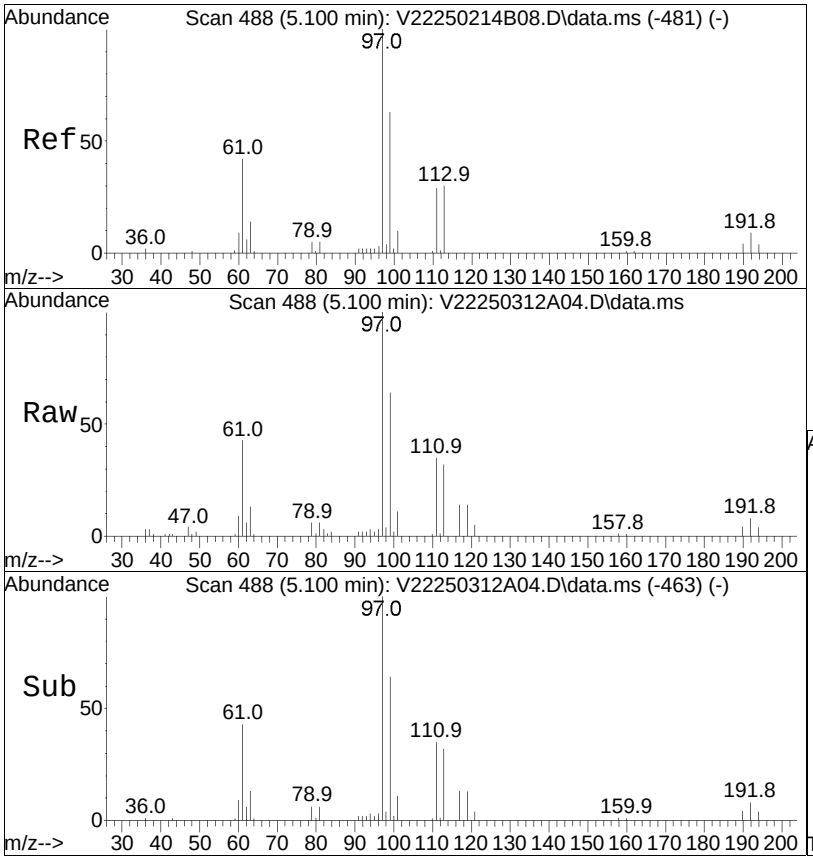


#36
Carbon tetrachloride
Concen: 10.12 ug/L
RT: 5.037 min Scan# 480
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:117 Resp: 50254

Ion	Ratio	Lower	Upper
117	100		
119	95.4	63.2	131.2
121	31.3	19.2	39.8
82	29.9	18.3	37.9

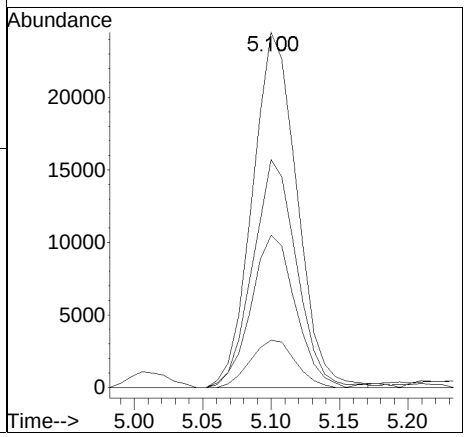


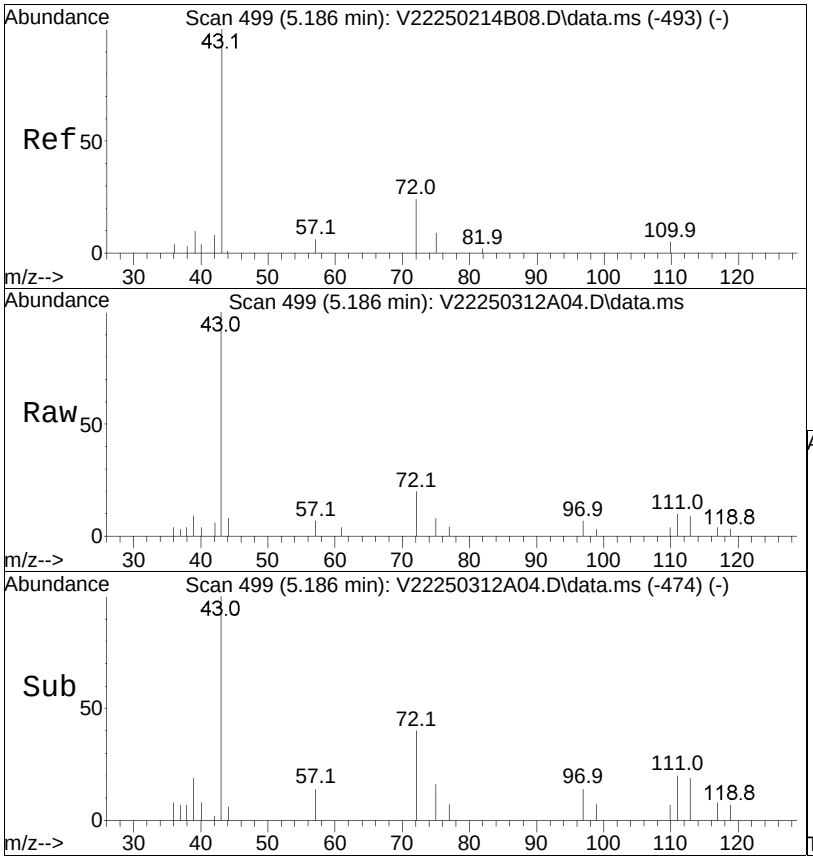


#39
1,1,1-Trichloroethane
Concen: 10.89 ug/L
RT: 5.100 min Scan# 488
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 97 Resp: 55435

Ion	Ratio	Lower	Upper
97	100		
99	62.8	42.0	87.2
61	42.9	26.9	55.9
63	13.4	8.8	18.4

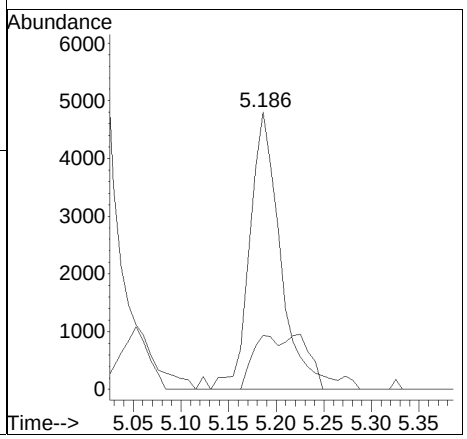


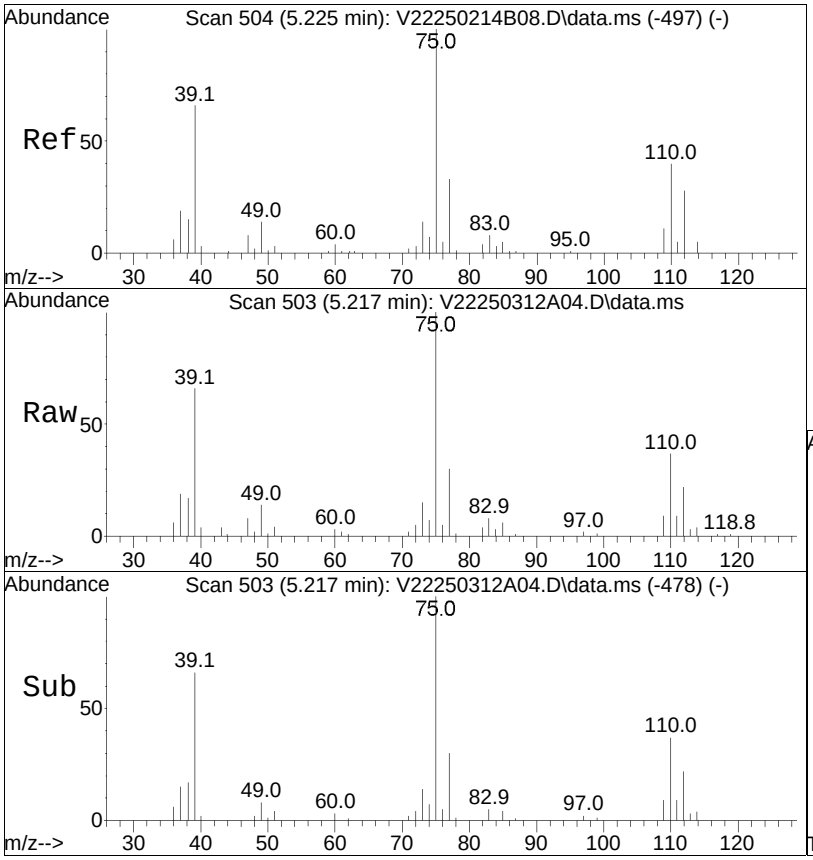


#41
2-Butanone
Concen: 12.34 ug/L
RT: 5.186 min Scan# 499
Delta R.T. 0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 43 Resp: 11101

Ion	Ratio	Lower	Upper
43	100		
72	16.0	14.2	21.2

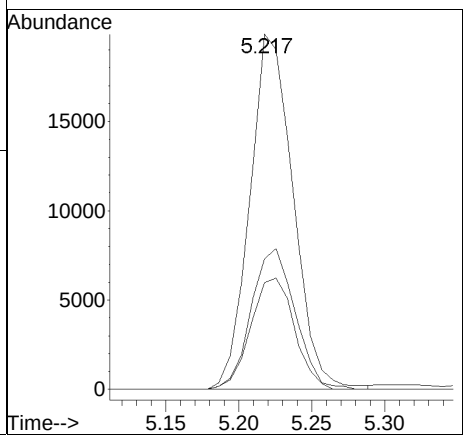


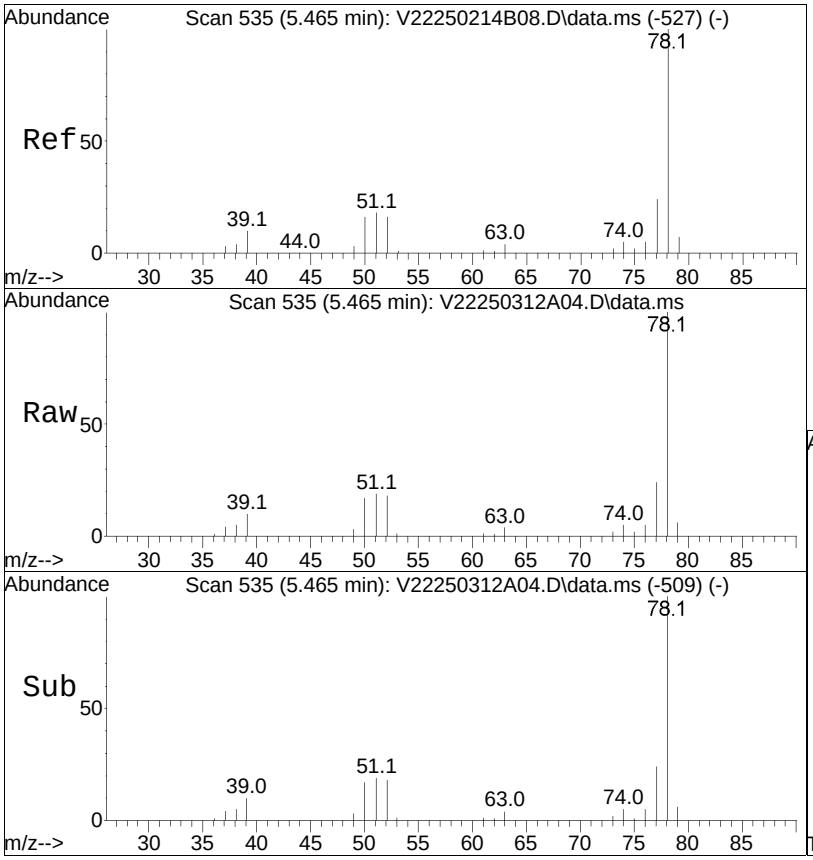


#42
1,1-Dichloropropene
Concen: 10.55 ug/L
RT: 5.217 min Scan# 503
Delta R.T. -0.008 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 75 Resp: 41055

Ion	Ratio	Lower	Upper
75	100		
110	40.0	26.1	54.3
77	31.6	20.9	43.5

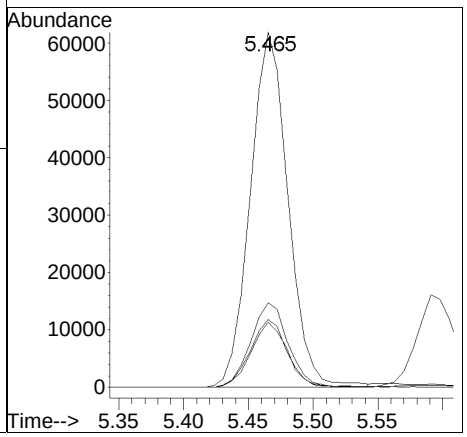


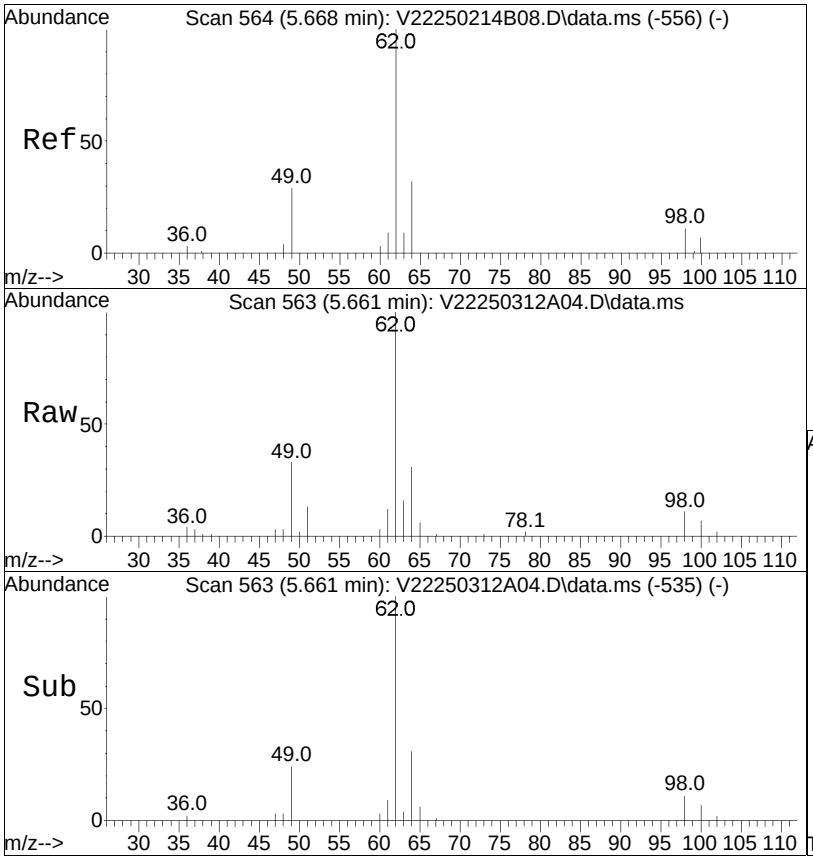


#44
Benzene
Concen: 9.98 ug/L
RT: 5.465 min Scan# 535
Delta R.T. 0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 78 Resp: 125437

Ion	Ratio	Lower	Upper
78	100		
77	23.7	15.3	31.9
51	18.7	11.7	24.3
52	17.8	10.6	22.0

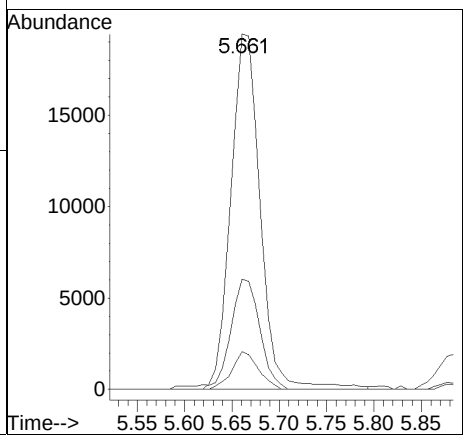


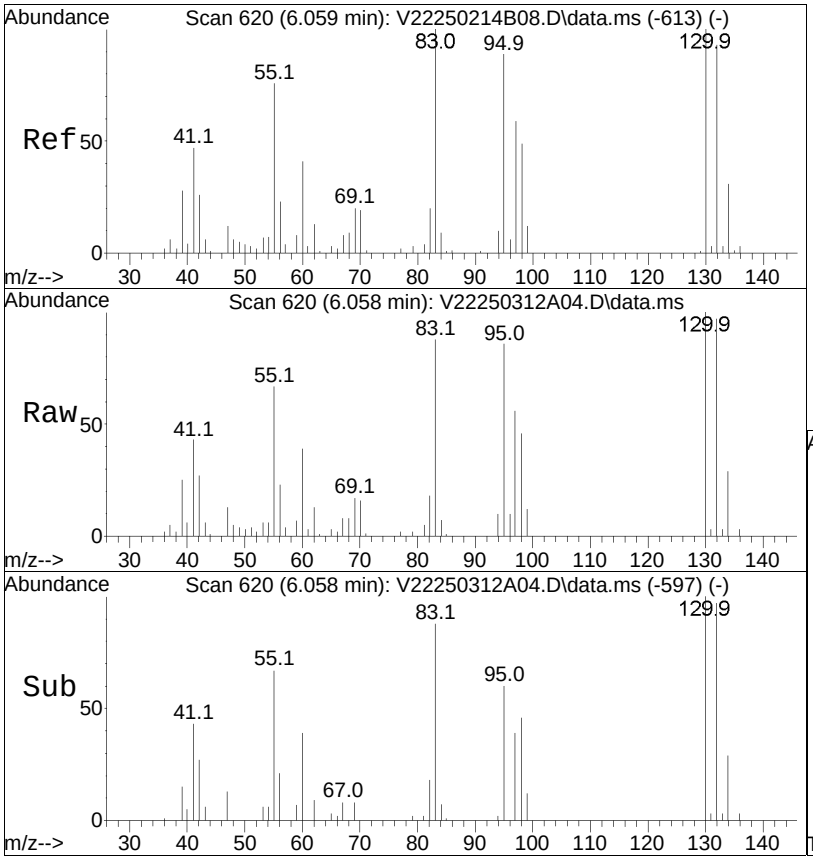


#47
1,2-Dichloroethane
Concen: 10.62 ug/L
RT: 5.661 min Scan# 563
Delta R.T. -0.007 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 62 Resp: 42133

Ion	Ratio	Lower	Upper
62	100		
64	31.3	11.9	51.9
98	9.6	0.0	30.1

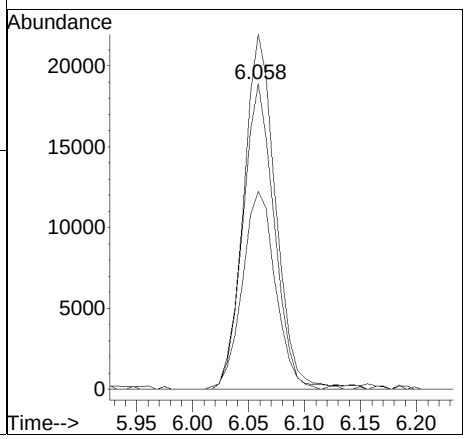


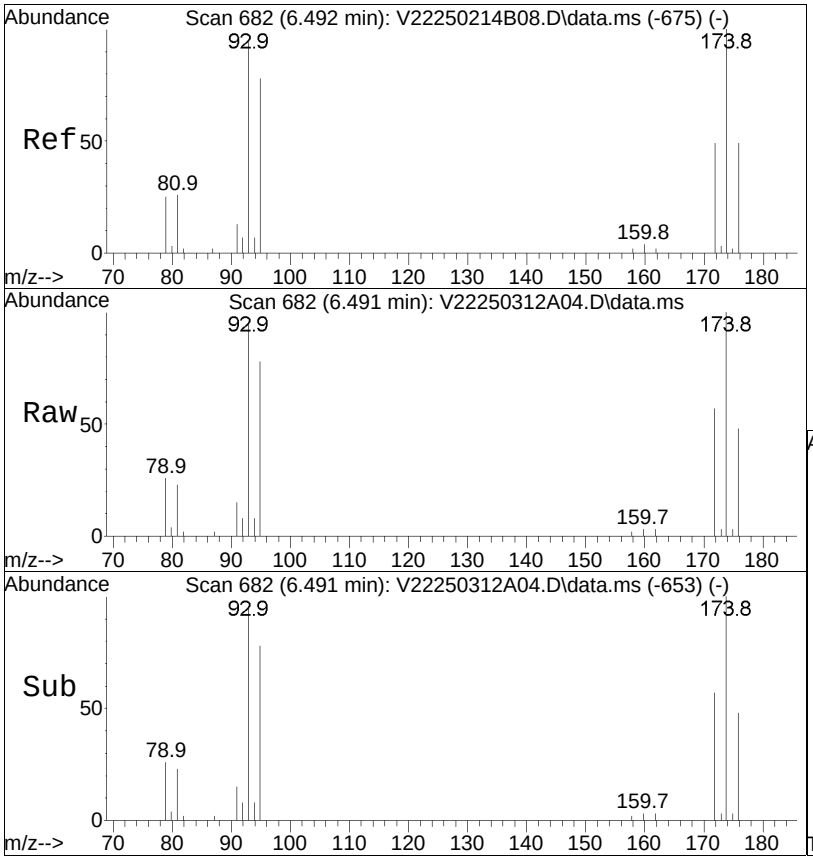


#51
Trichloroethene
Concen: 10.43 ug/L
RT: 6.058 min Scan# 620
Delta R.T. -0.001 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 95 Resp: 37362

Ion	Ratio	Lower	Upper
95	100		
97	67.3	53.8	80.6
130	116.6	90.2	135.2

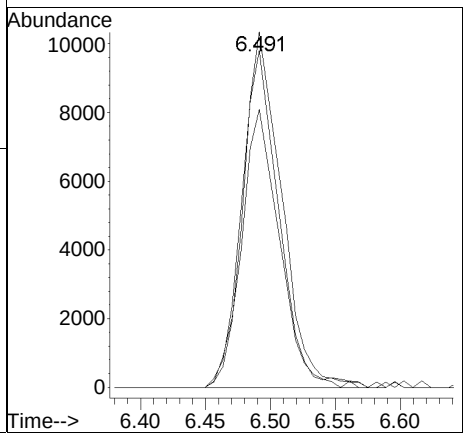


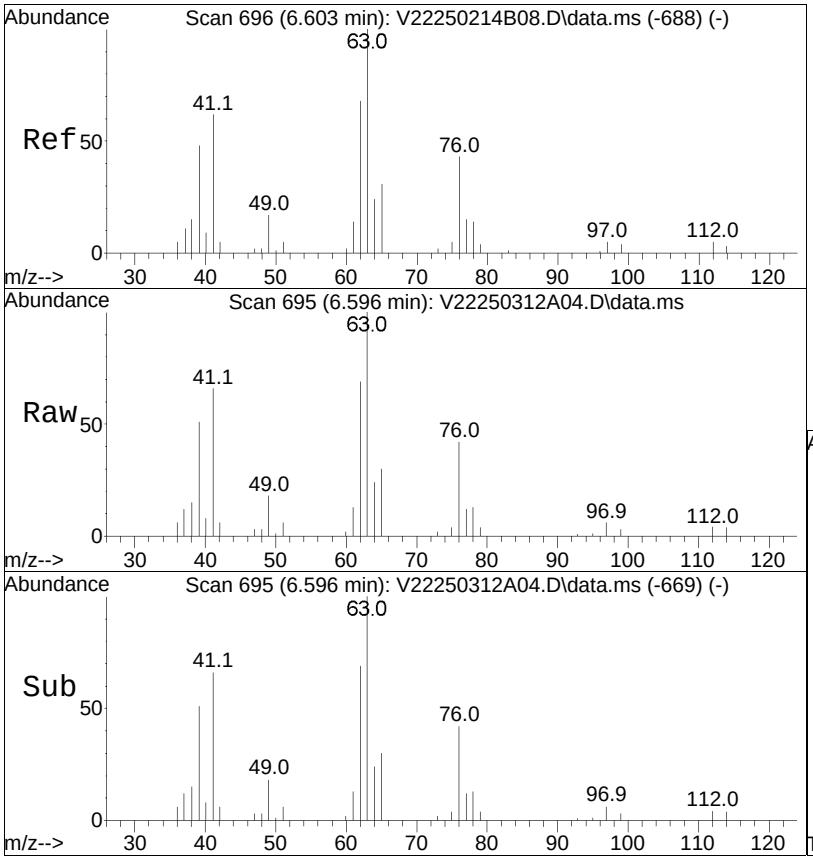


#53
Dibromomethane
Concen: 10.83 ug/L
RT: 6.491 min Scan# 682
Delta R.T. -0.001 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 93 Resp: 15719

Ion	Ratio	Lower	Upper
93	100		
95	85.3	67.9	101.9
174	105.2	87.0	130.6

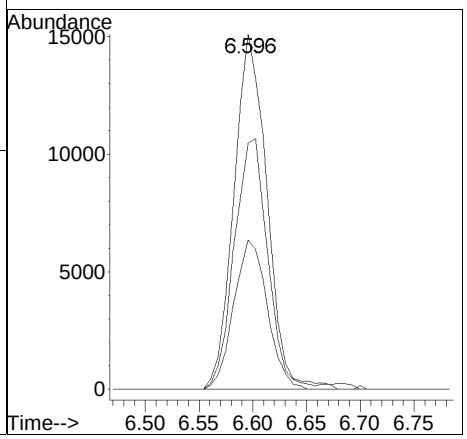


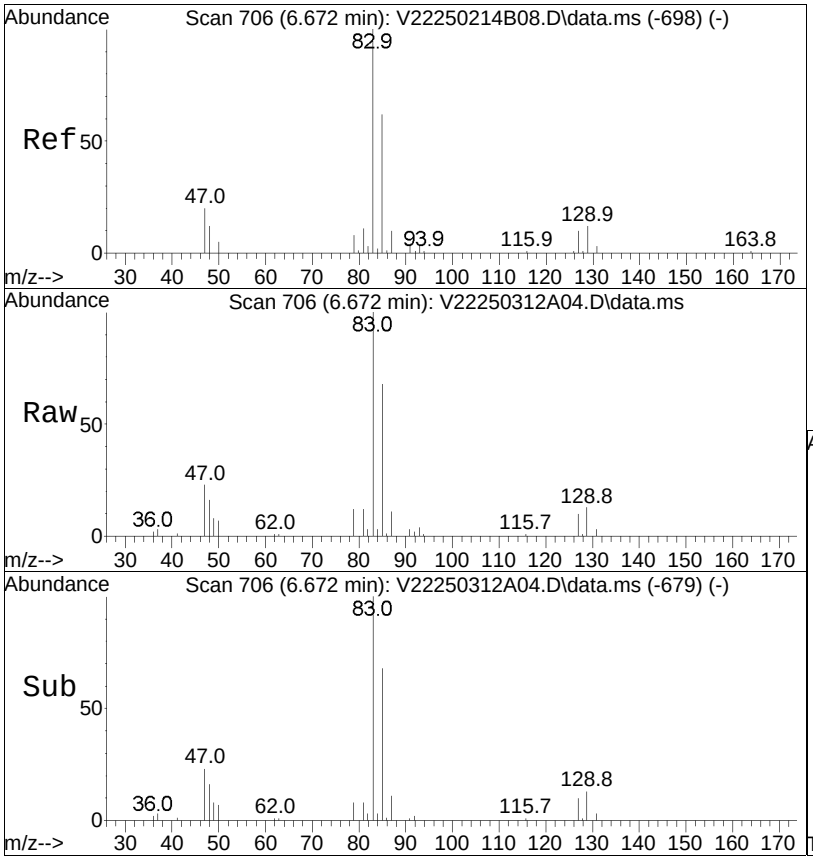


#54
1,2-Dichloropropane
Concen: 10.48 ug/L
RT: 6.596 min Scan# 695
Delta R.T. -0.007 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 63 Resp: 32541

Ion	Ratio	Lower	Upper
63	100		
62	71.5	56.7	85.1
76	42.5	35.4	53.2

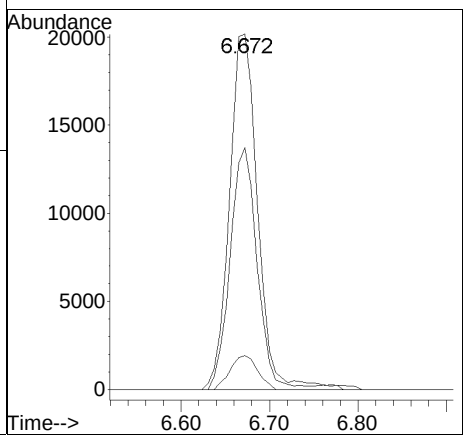


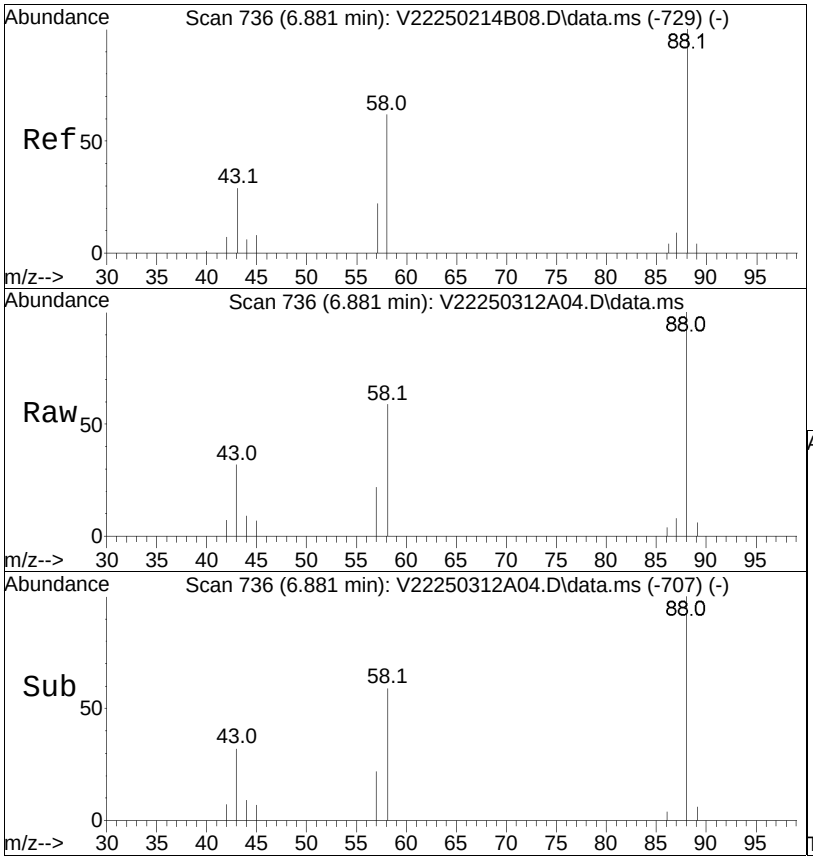


#57
Bromodichloromethane
Concen: 10.13 ug/L
RT: 6.672 min Scan# 706
Delta R.T. 0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 83 Resp: 45006

Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.6	78.8
127	9.2	7.8	11.6

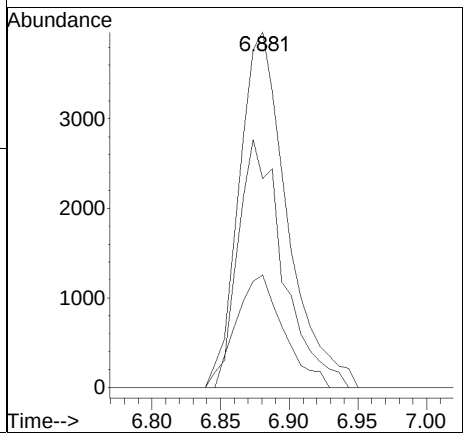


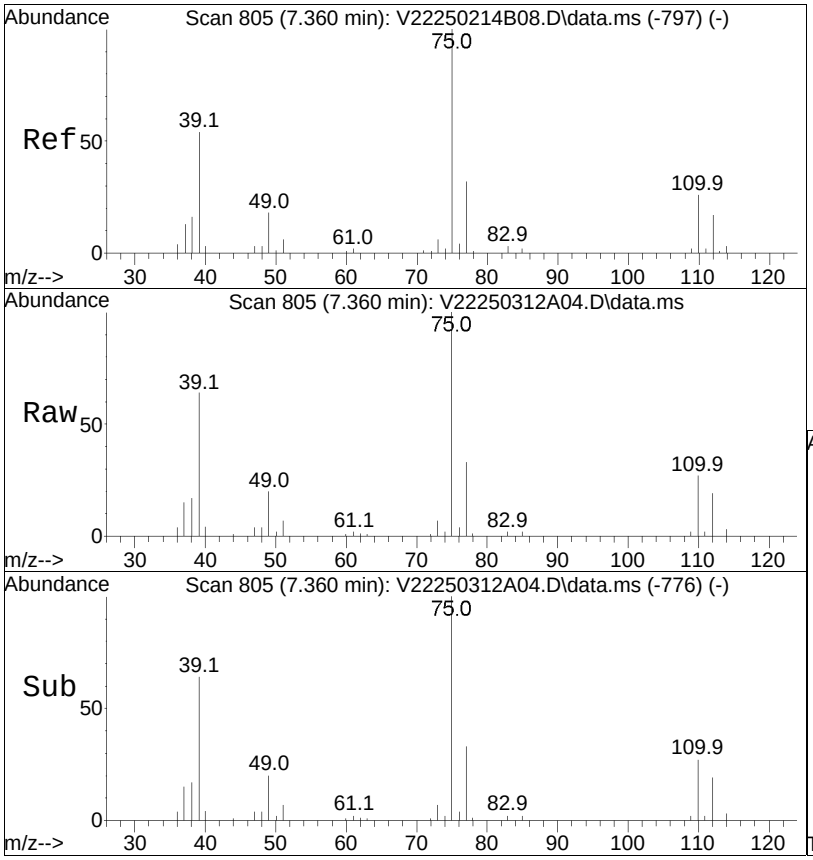


#60
1,4-Dioxane
Concen: 480.32 ug/L
RT: 6.881 min Scan# 736
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 88 Resp: 9672

Ion	Ratio	Lower	Upper
88	100		
58	65.9	50.6	75.8
43	30.8	23.8	35.8

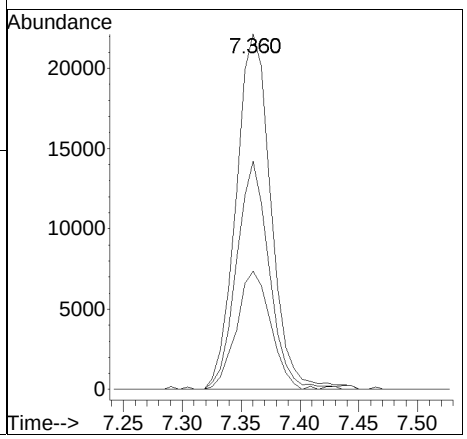


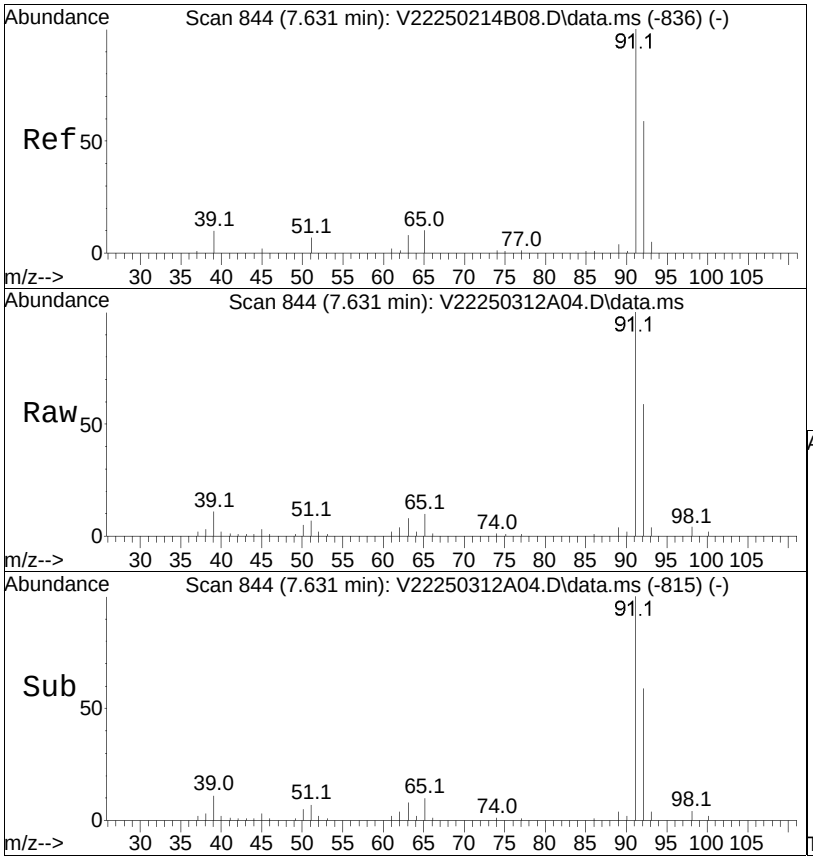


#61
cis-1,3-Dichloropropene
Concen: 10.07 ug/L
RT: 7.360 min Scan# 805
Delta R.T. 0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 75 Resp: 45712

Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.0	37.6
39	60.1	42.6	63.8

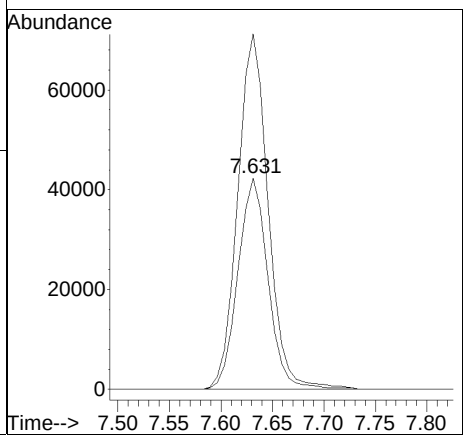


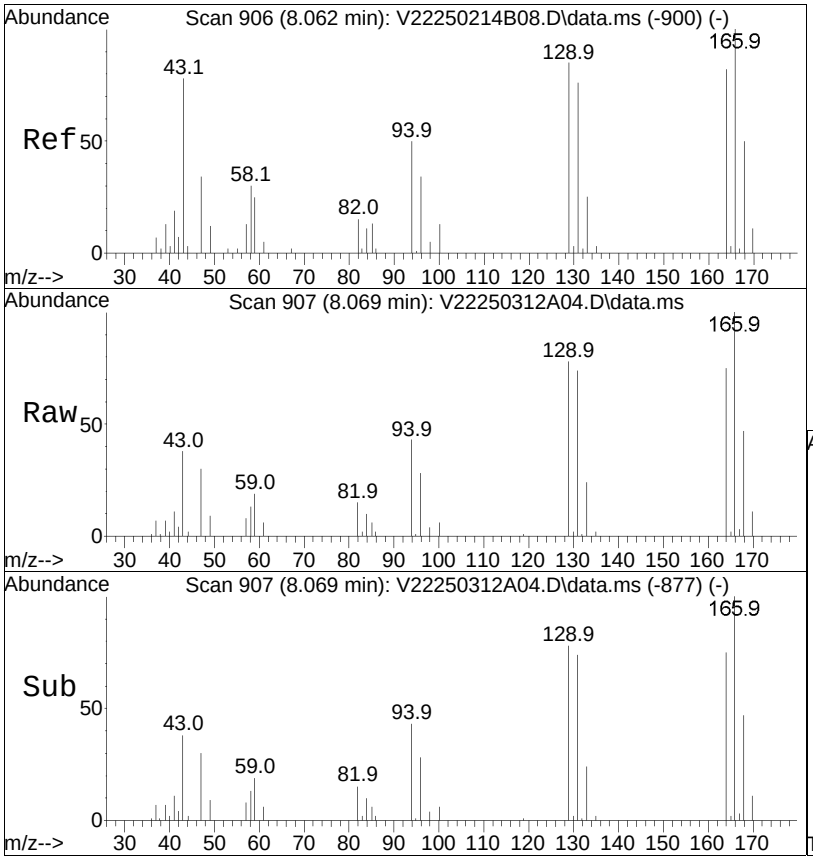


#64
Toluene
Concen: 10.15 ug/L
RT: 7.631 min Scan# 844
Delta R.T. 0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 92 Resp: 86272

Ion	Ratio	Lower	Upper
92	100		
91	169.7	136.8	205.2

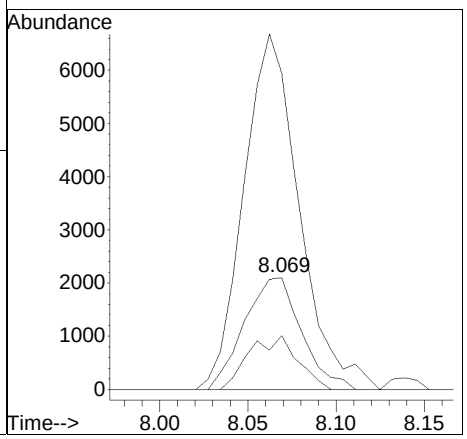


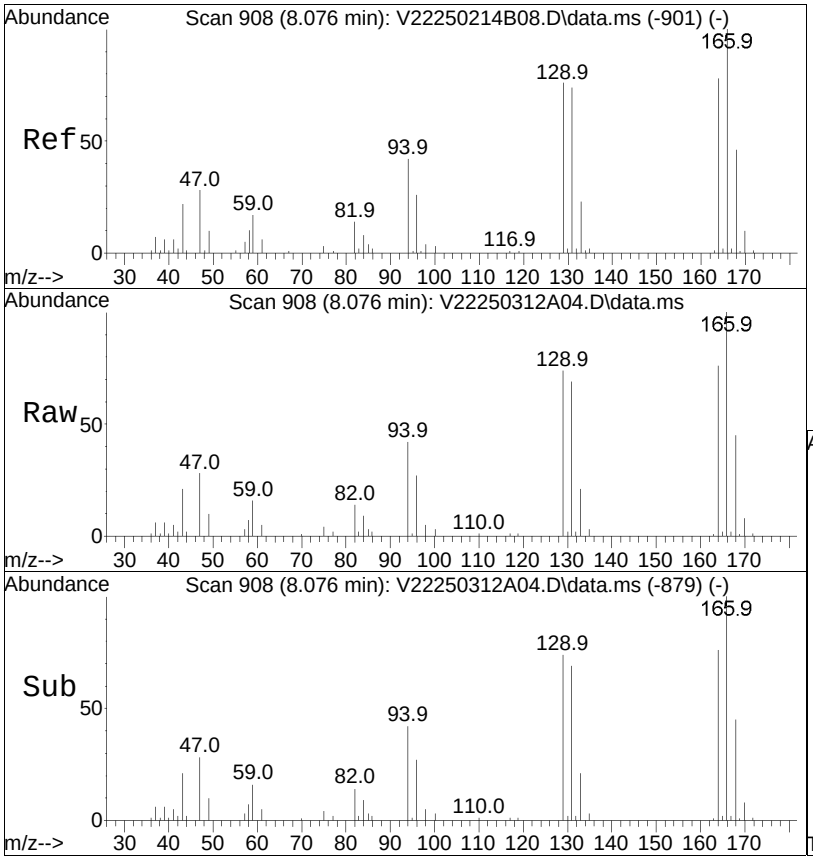


#65
4-Methyl-2-pentanone
Concen: 7.43 ug/L
RT: 8.069 min Scan# 907
Delta R.T. 0.007 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 58 Resp: 4728

Ion	Ratio	Lower	Upper
58	100		
100	40.9	32.1	48.1
43	308.7	226.5	339.7

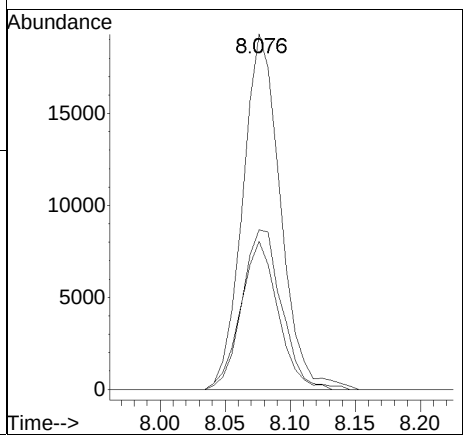


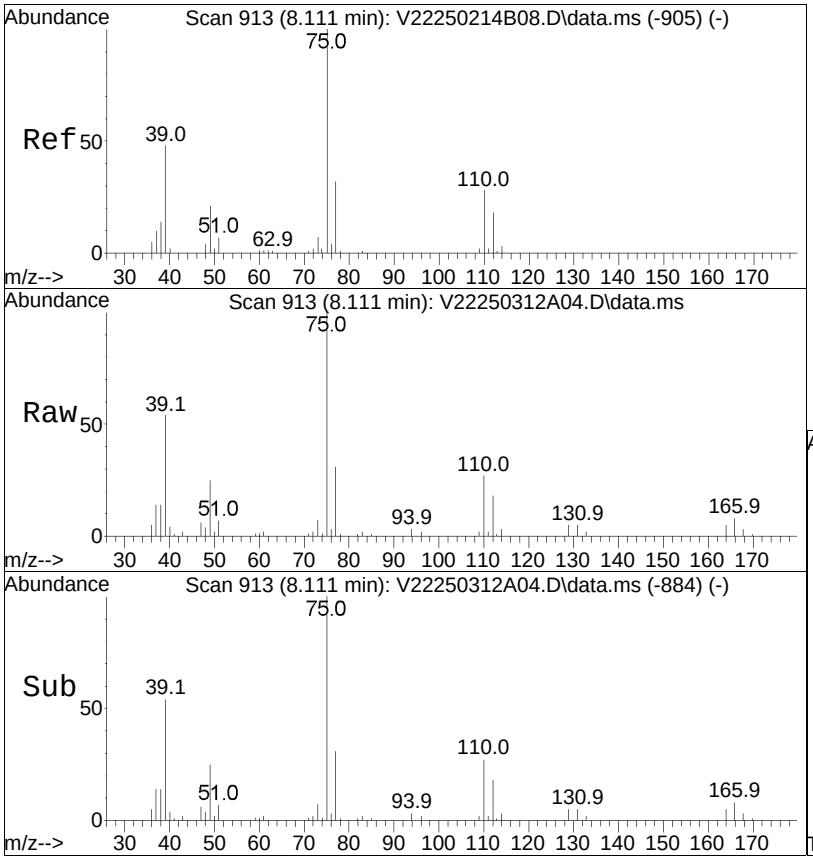


#66
Tetrachloroethene
Concen: 9.53 ug/L
RT: 8.076 min Scan# 908
Delta R.T. 0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:166 Resp: 38966

Ion	Ratio	Lower	Upper
166	100		
168	47.1	28.8	68.8
94	41.3	21.3	61.3

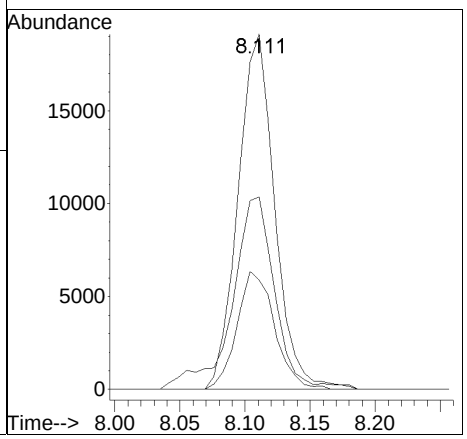


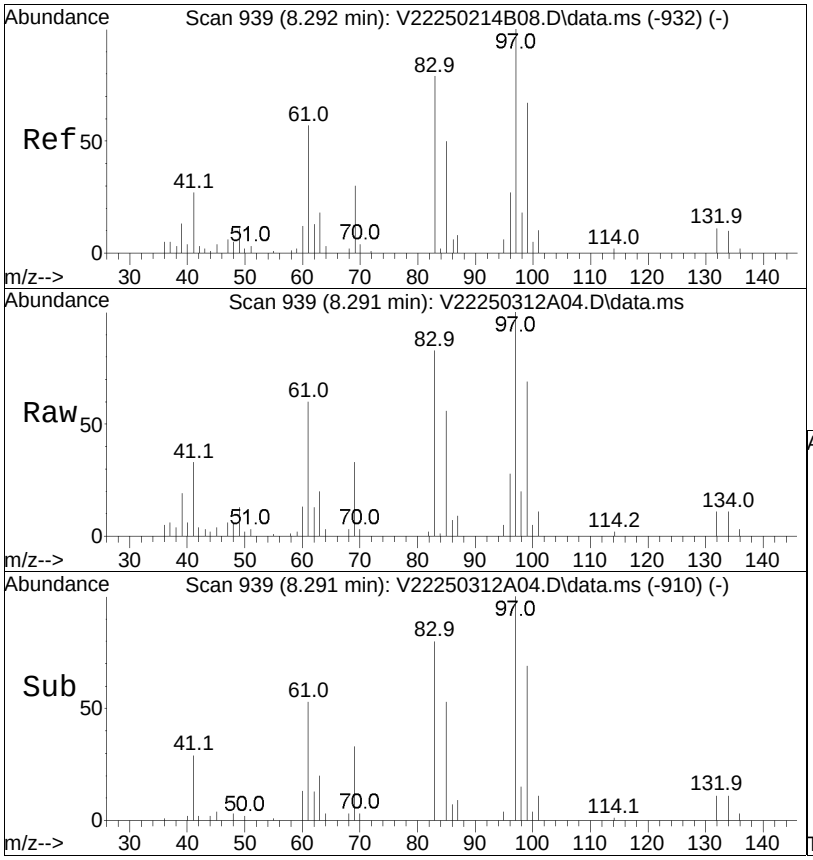


#68
trans-1,3-Dichloropropene
Concen: 8.72 ug/L
RT: 8.111 min Scan# 913
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 75 Resp: 37561

Ion	Ratio	Lower	Upper
75	100		
77	34.0	11.9	51.9
39	62.9	39.3	79.3

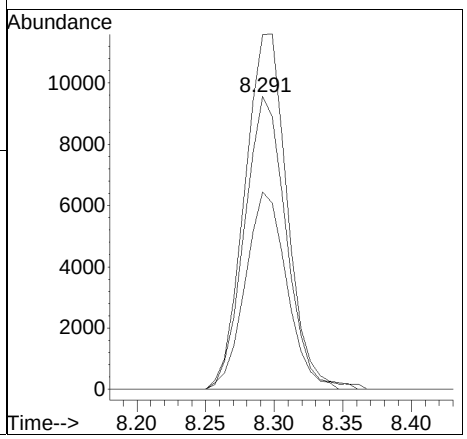


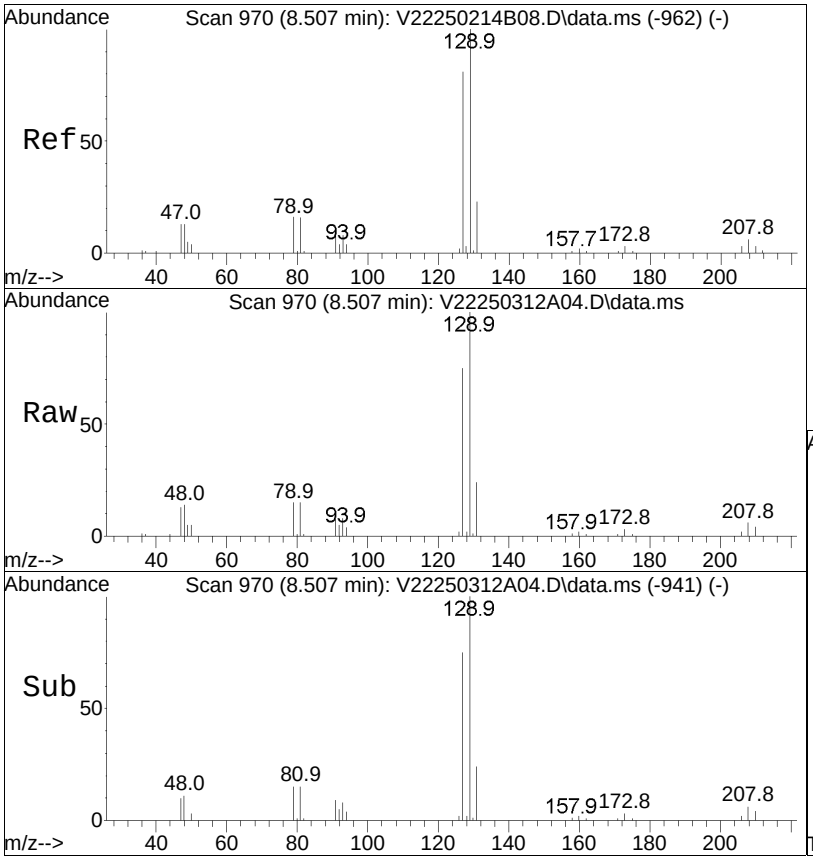


#71
1,1,2-Trichloroethane
Concen: 9.24 ug/L
RT: 8.291 min Scan# 939
Delta R.T. -0.001 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 83 Resp: 20144

Ion	Ratio	Lower	Upper
83	100		
97	124.5	106.2	146.2
85	67.2	46.9	86.9

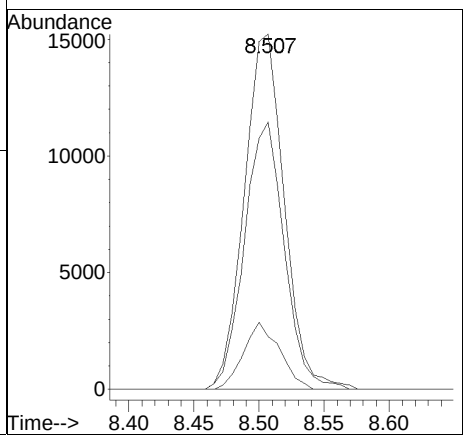


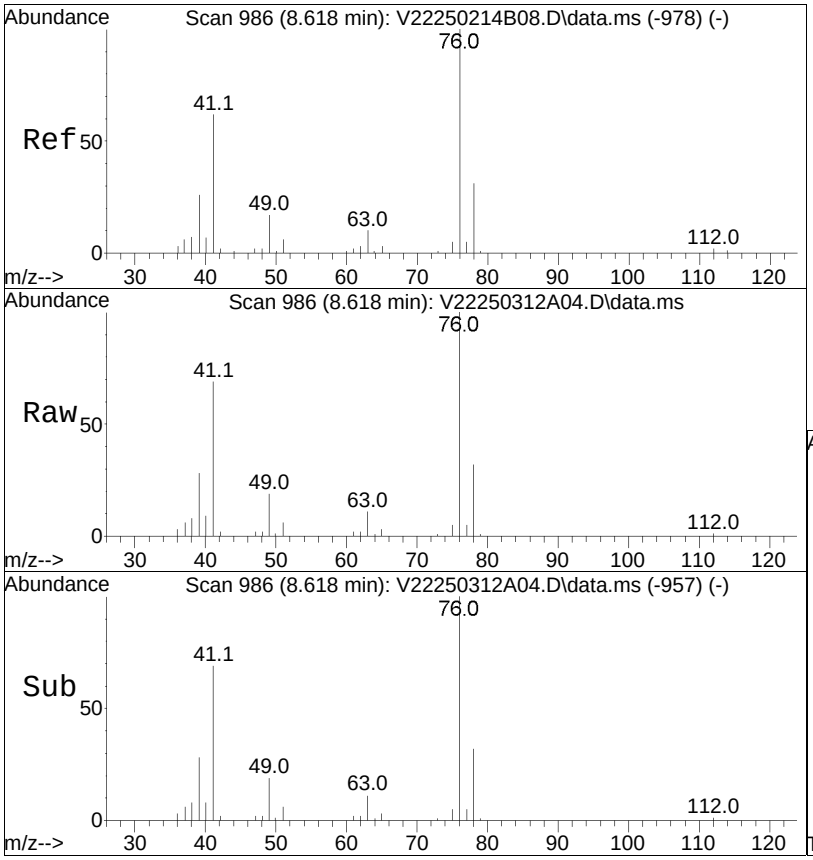


#72
Chlorodibromomethane
Concen: 9.28 ug/L
RT: 8.507 min Scan# 970
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:129 Resp: 32647

Ion	Ratio	Lower	Upper
129	100		
81	17.1	0.0	36.0
127	75.0	58.1	98.1

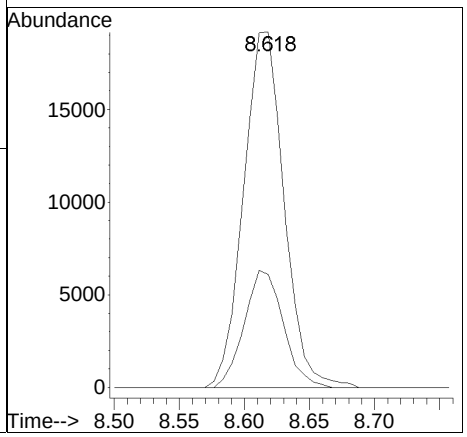


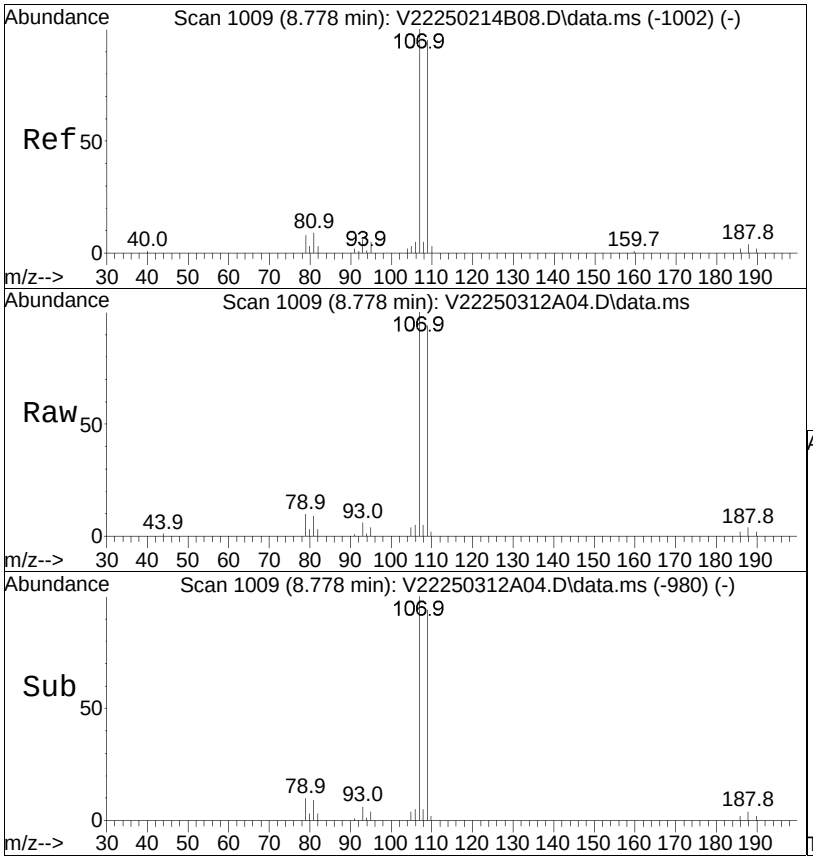


#73
1,3-Dichloropropane
Concen: 9.66 ug/L
RT: 8.618 min Scan# 986
Delta R.T. 0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 76 Resp: 41503

Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.8	38.6

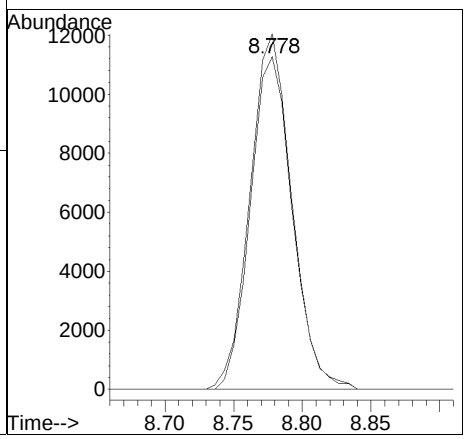


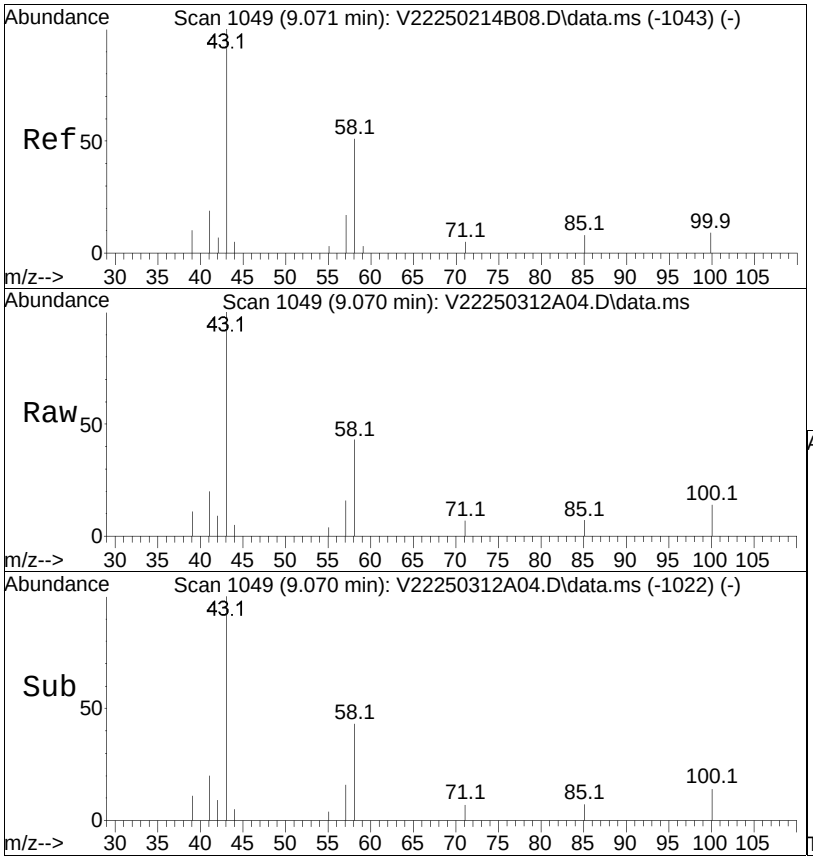


#74
1,2-Dibromoethane
Concen: 9.50 ug/L
RT: 8.778 min Scan# 1009
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:107 Resp: 25540

Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.7	113.5

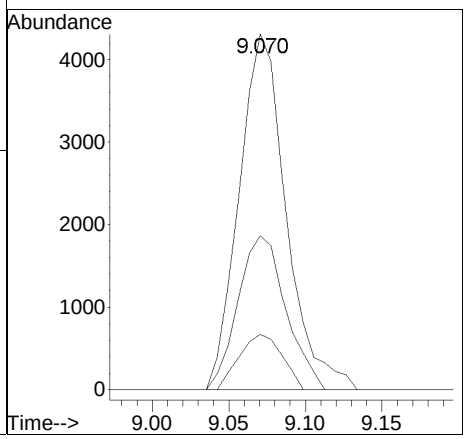


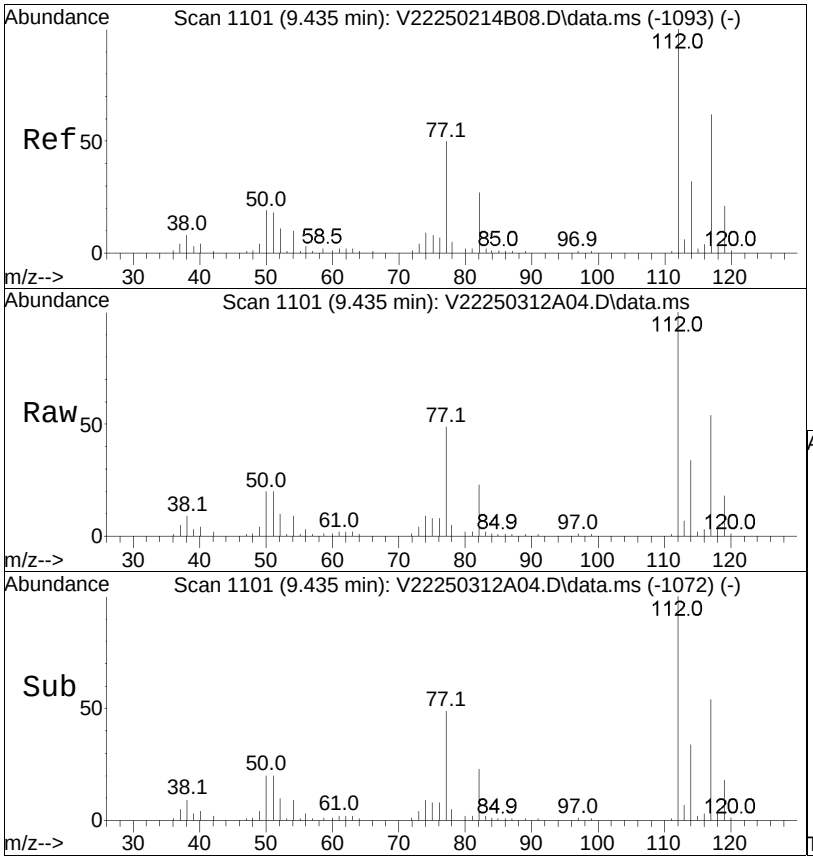


#76
2-Hexanone
Concen: 8.15 ug/L
RT: 9.070 min Scan# 1049
Delta R.T. -0.001 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 43 Resp: 9214

Ion	Ratio	Lower	Upper
43	100		
58	43.8	37.4	56.2
57	14.1	13.2	19.8

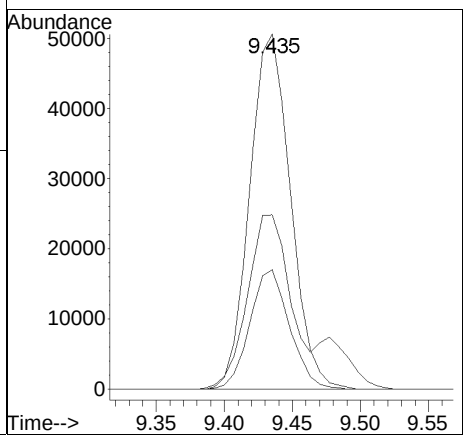


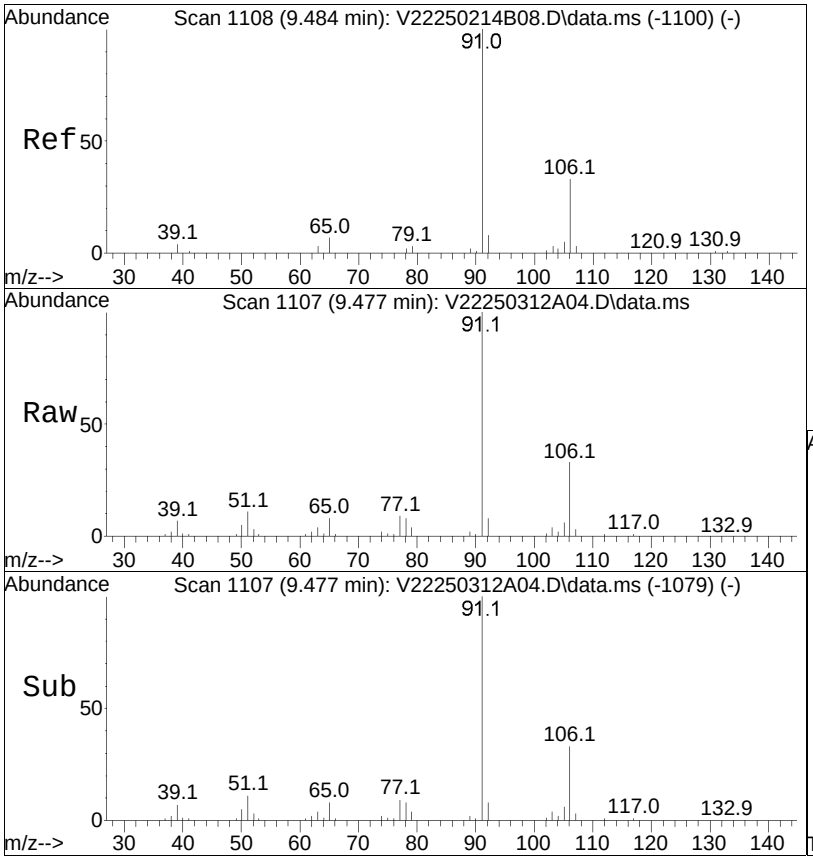


#77
Chlorobenzene
Concen: 9.89 ug/L
RT: 9.435 min Scan# 1101
Delta R.T. 0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:112 Resp: 105597

Ion	Ratio	Lower	Upper
112	100		
77	51.9	42.5	63.7
114	32.8	26.0	39.0

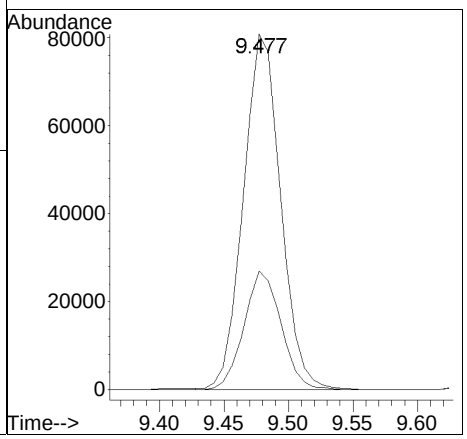


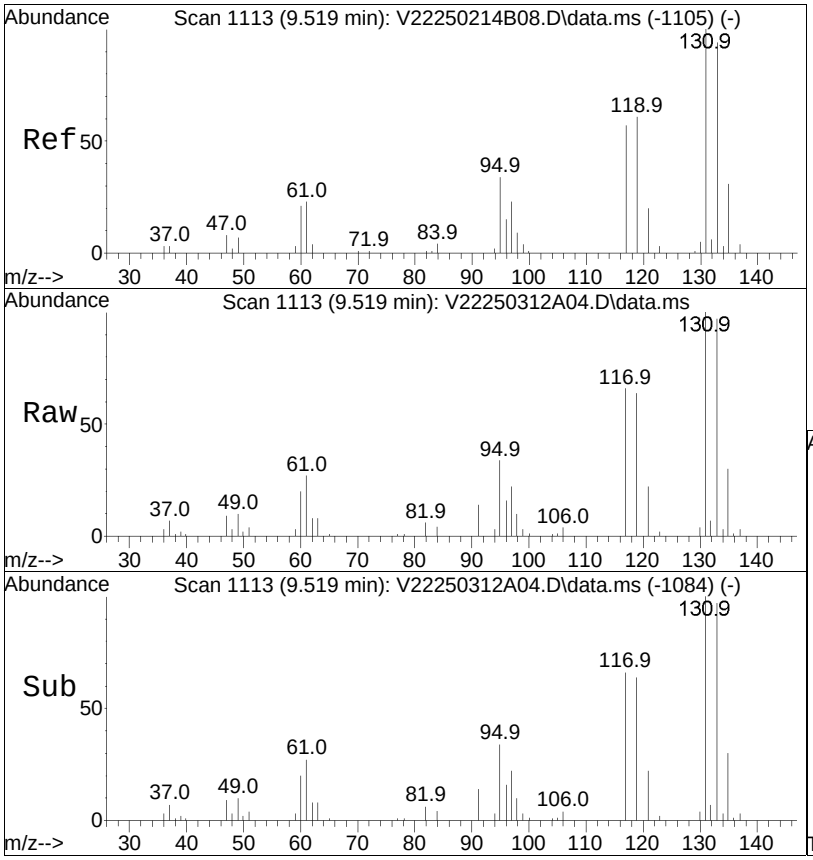


#78
Ethylbenzene
Concen: 10.04 ug/L
RT: 9.477 min Scan# 1107
Delta R.T. -0.007 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 91 Resp: 162190

Ion	Ratio	Lower	Upper
91	100		
106	33.0	26.3	39.5

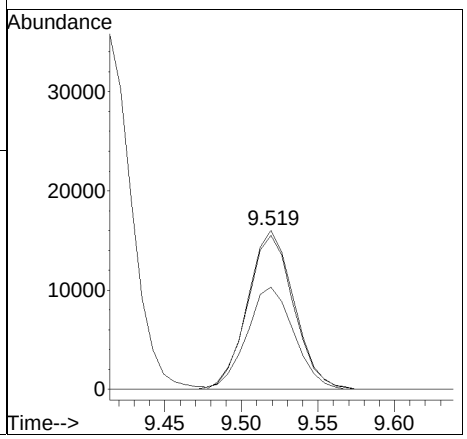


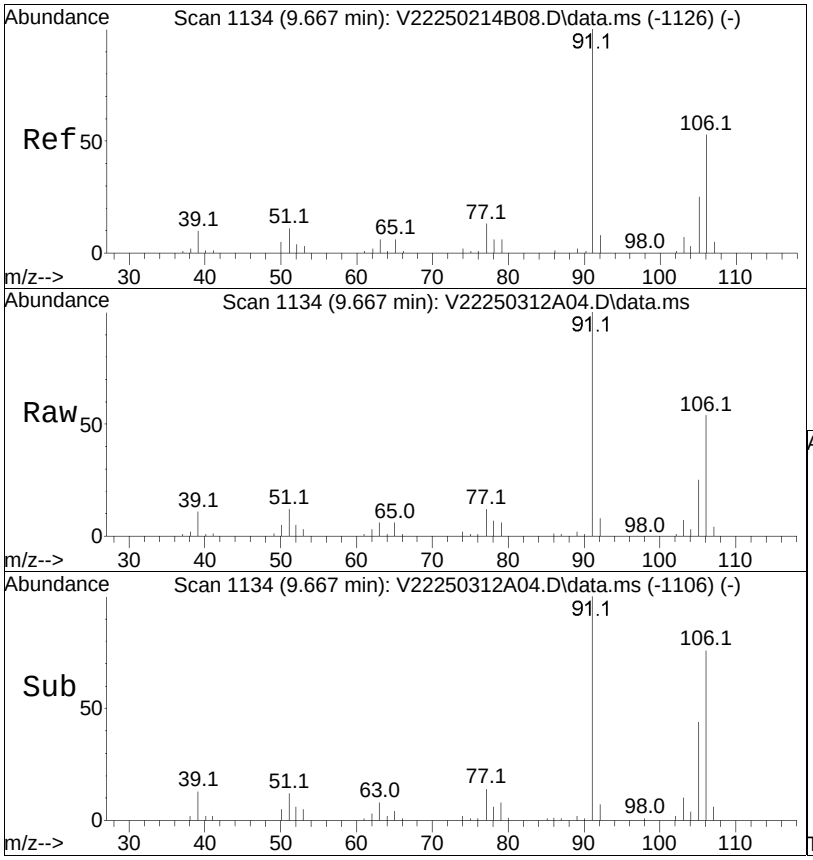


#79
1,1,1,2-Tetrachloroethane
Concen: 9.44 ug/L
RT: 9.519 min Scan# 1113
Delta R.T. 0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:131 Resp: 33808

Ion	Ratio	Lower	Upper
131	100		
133	96.7	74.8	114.8
119	65.3	46.1	86.1

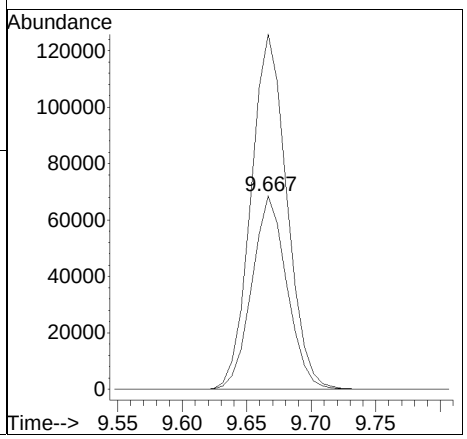


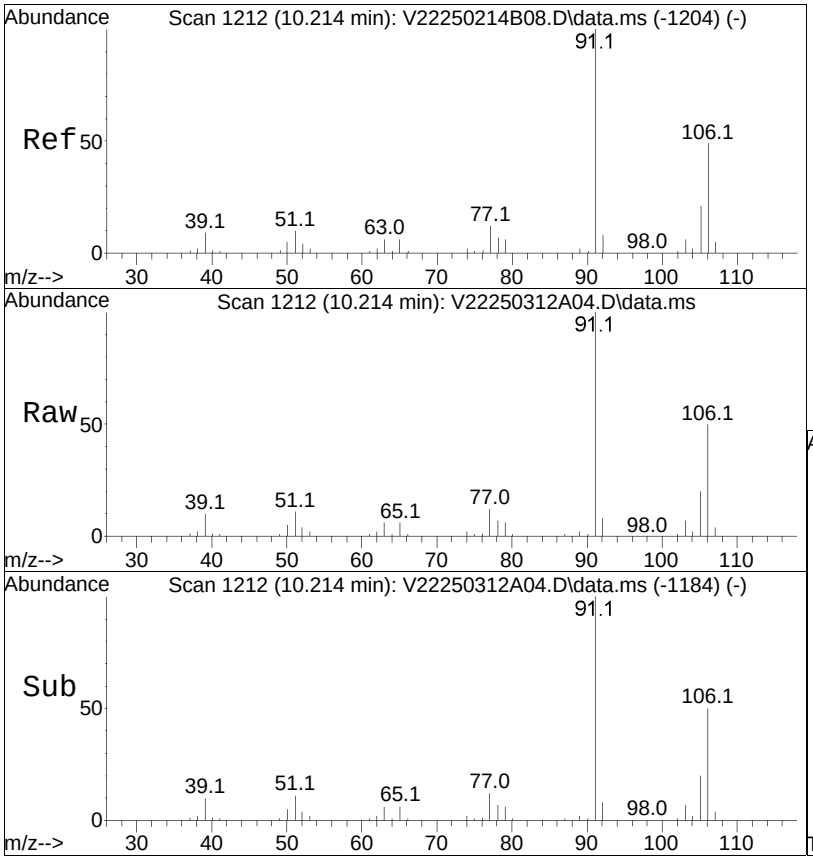


#80
p/m Xylene
Concen: 20.19 ug/L
RT: 9.667 min Scan# 1134
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:106 Resp: 129801

Ion	Ratio	Lower	Upper
106	100		
91	187.7	149.8	224.6

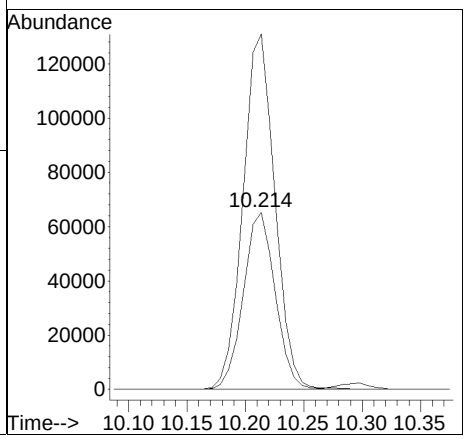


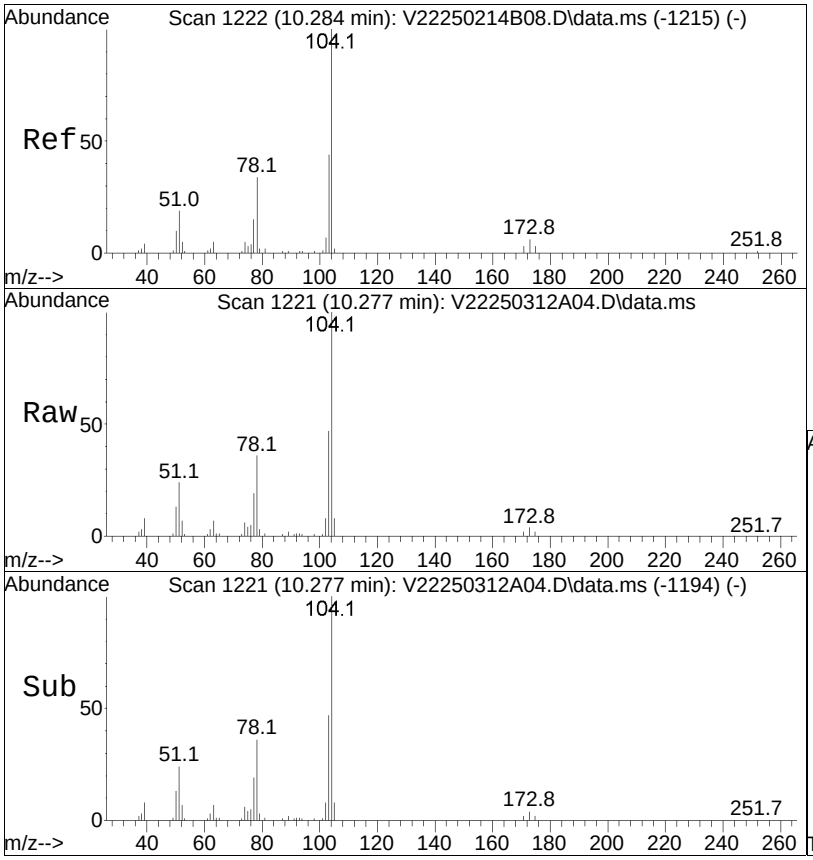


#81
o Xylene
Concen: 19.60 ug/L
RT: 10.214 min Scan# 1212
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:106 Resp: 124333

Ion	Ratio	Lower	Upper
106	100		
91	199.6	161.9	242.9

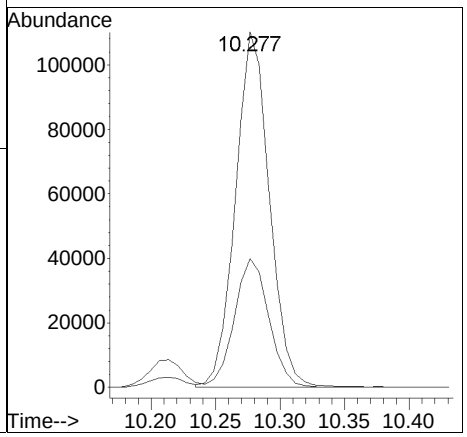


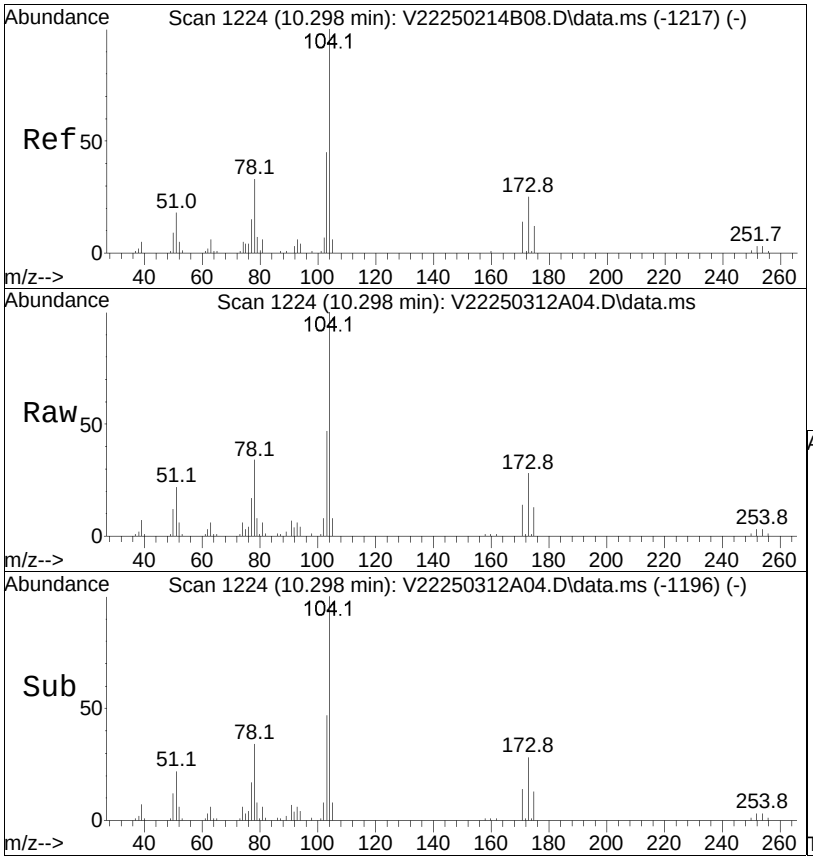


#82
Styrene
Concen: 19.40 ug/L
RT: 10.277 min Scan# 1221
Delta R.T. -0.007 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:104 Resp: 200835

Ion	Ratio	Lower	Upper
104	100		
78	36.9	29.4	44.2

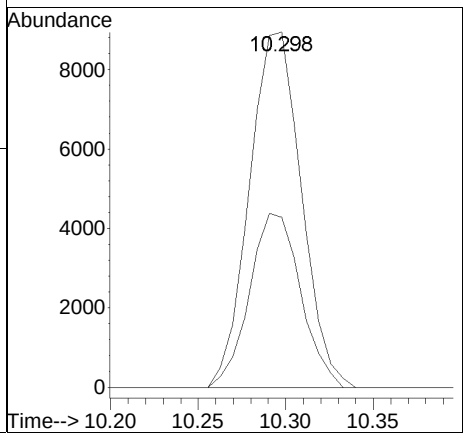


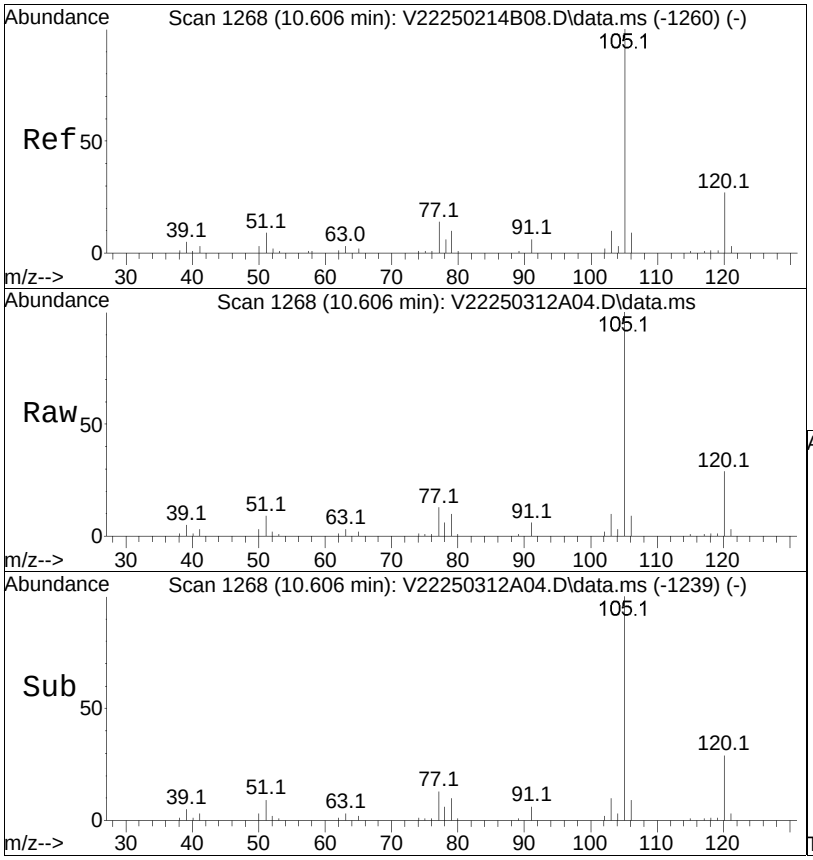


#84
Bromoform
Concen: 8.38 ug/L
RT: 10.298 min Scan# 1224
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:173 Resp: 18466

Ion	Ratio	Lower	Upper
173	100		
175	48.1	27.2	67.2

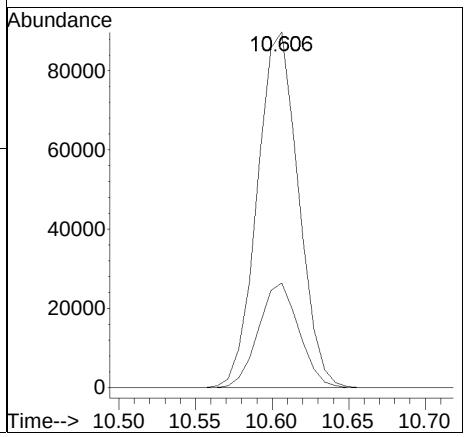


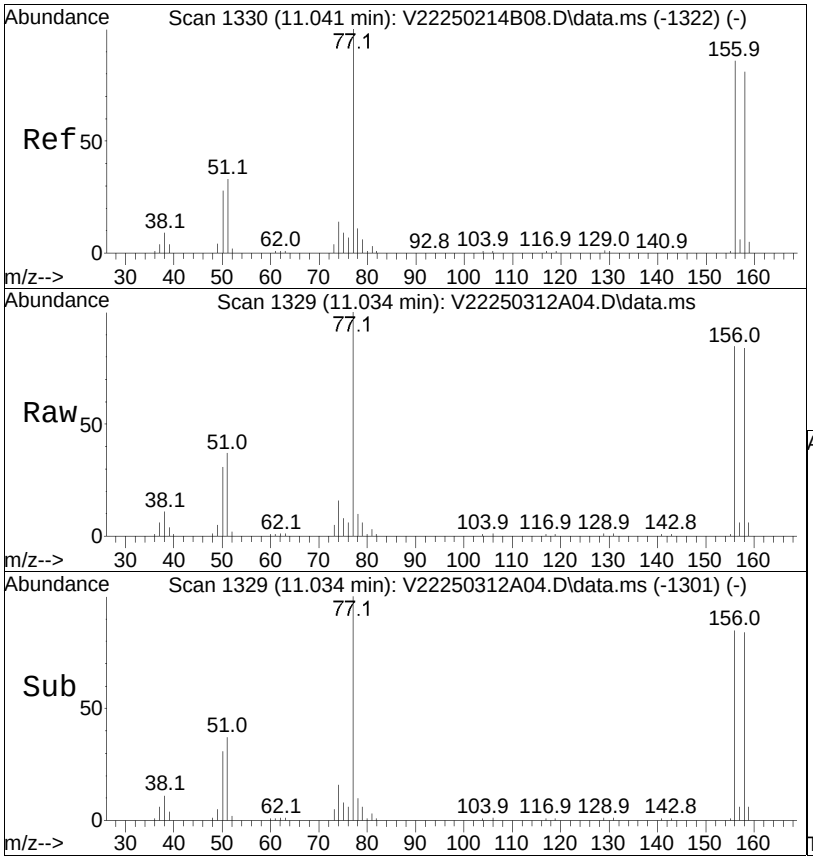


#86
Isopropylbenzene
Concen: 10.47 ug/L
RT: 10.606 min Scan# 1268
Delta R.T. 0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:105 Resp: 167420

Ion	Ratio	Lower	Upper
105	100		
120	28.8	7.6	47.6

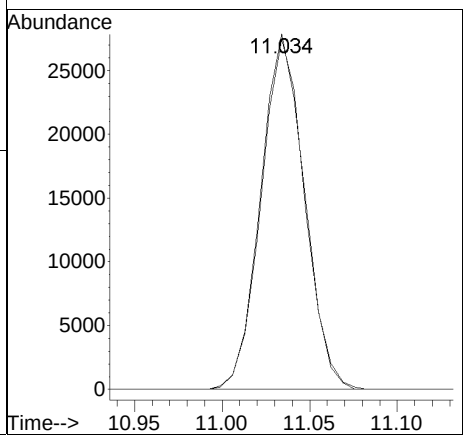


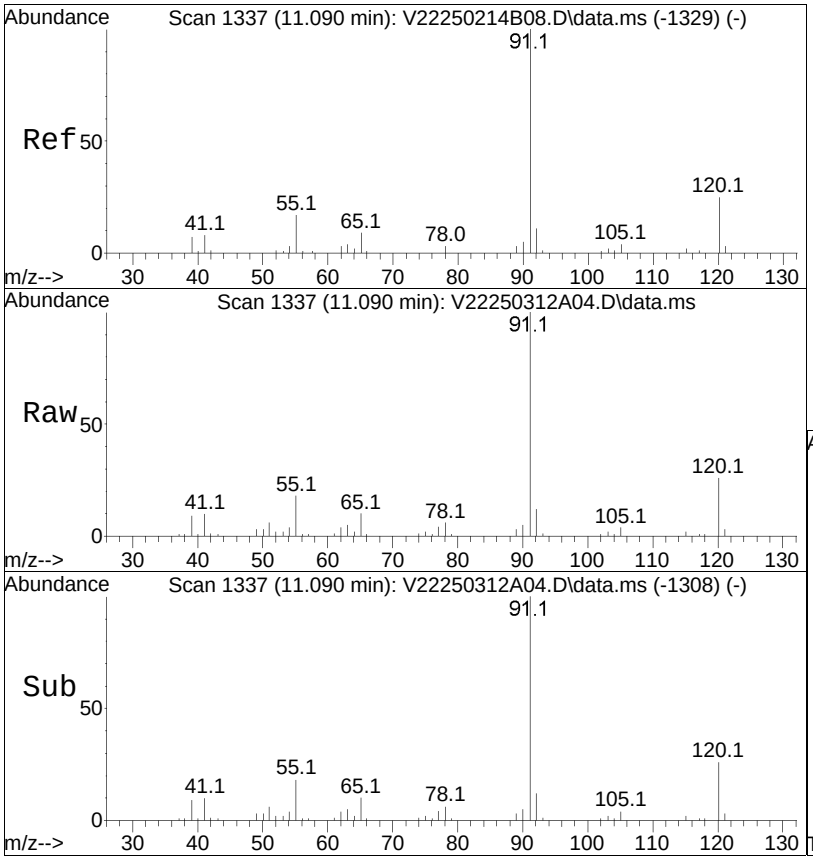


#88
Bromobenzene
Concen: 10.74 ug/L
RT: 11.034 min Scan# 1329
Delta R.T. -0.007 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:156 Resp: 48274

Ion	Ratio	Lower	Upper
156	100		
158	98.4	77.2	115.8

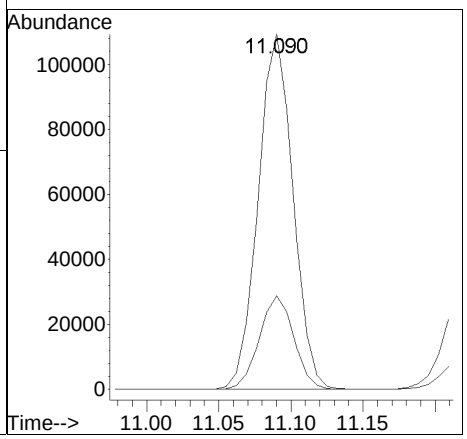


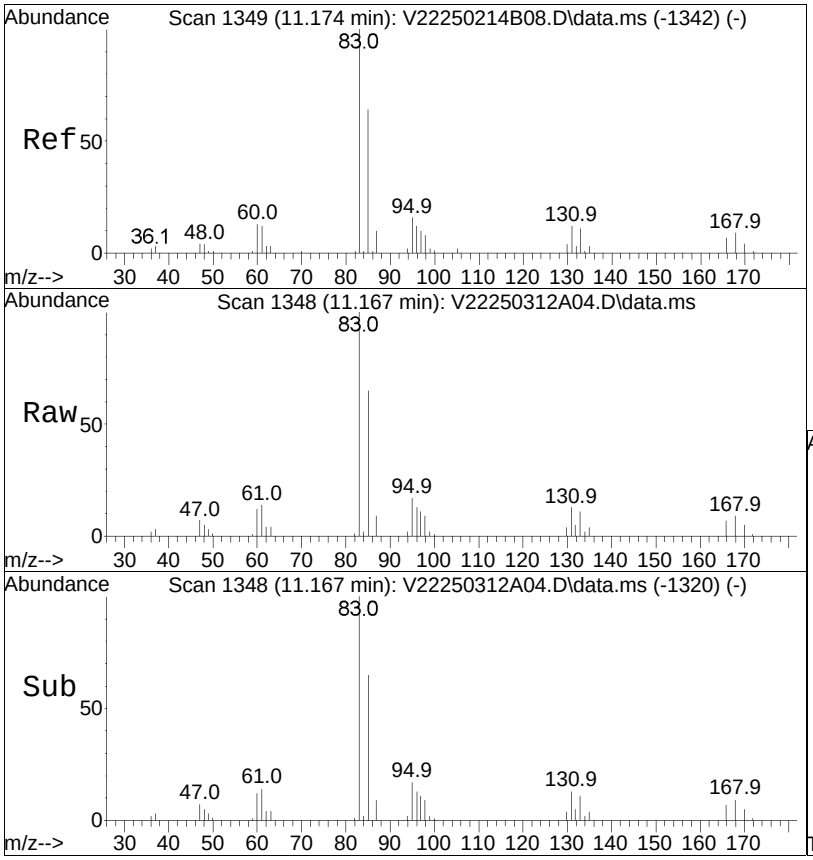


#89
n-Propylbenzene
Concen: 10.19 ug/L
RT: 11.090 min Scan# 1337
Delta R.T. 0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 91 Resp: 183177

Ion	Ratio	Lower	Upper
91	100		
120	26.1	20.2	30.4

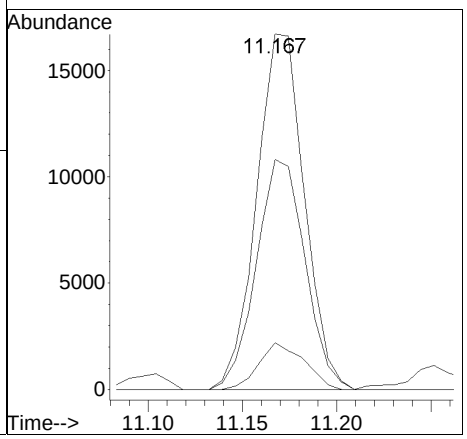


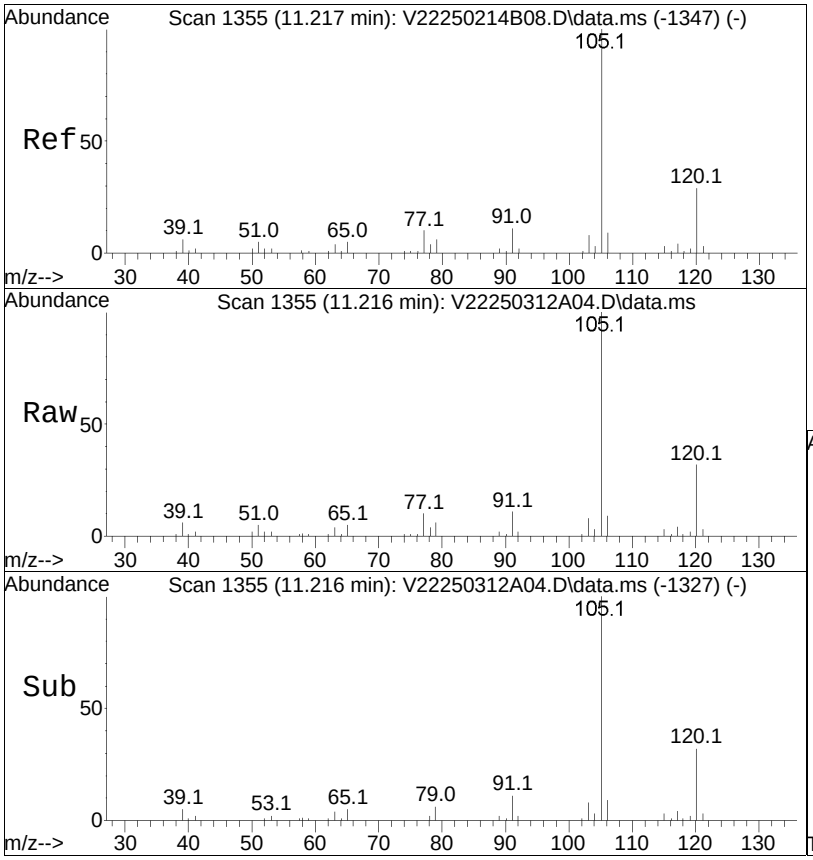


#91
1,1,2,2-Tetrachloroethane
Concen: 9.35 ug/L
RT: 11.167 min Scan# 1348
Delta R.T. -0.007 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 83 Resp: 29449

Ion	Ratio	Lower	Upper
83	100		
131	12.4	0.0	30.9
85	66.1	45.2	85.2

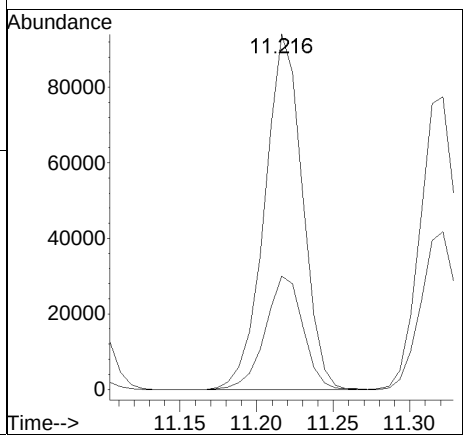


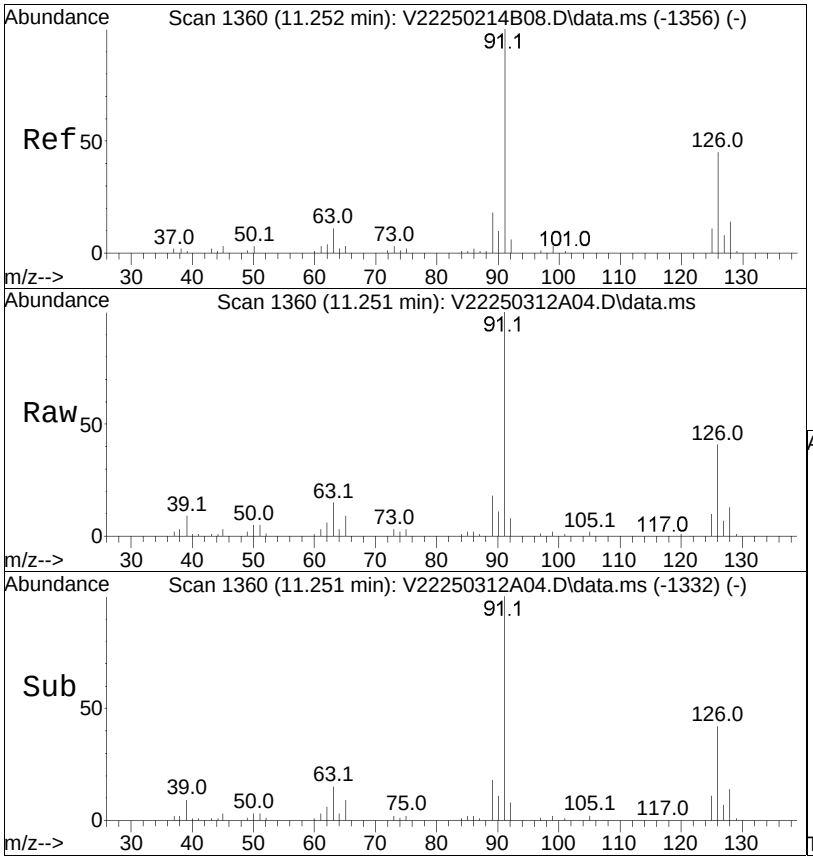


#92
4-Ethyltoluene
Concen: 10.64 ug/L
RT: 11.216 min Scan# 1355
Delta R.T. -0.001 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:105 Resp: 161124

Ion	Ratio	Lower	Upper
105	100		
120	31.8	20.0	41.4

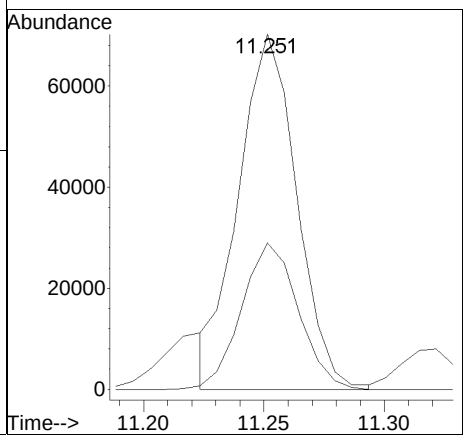


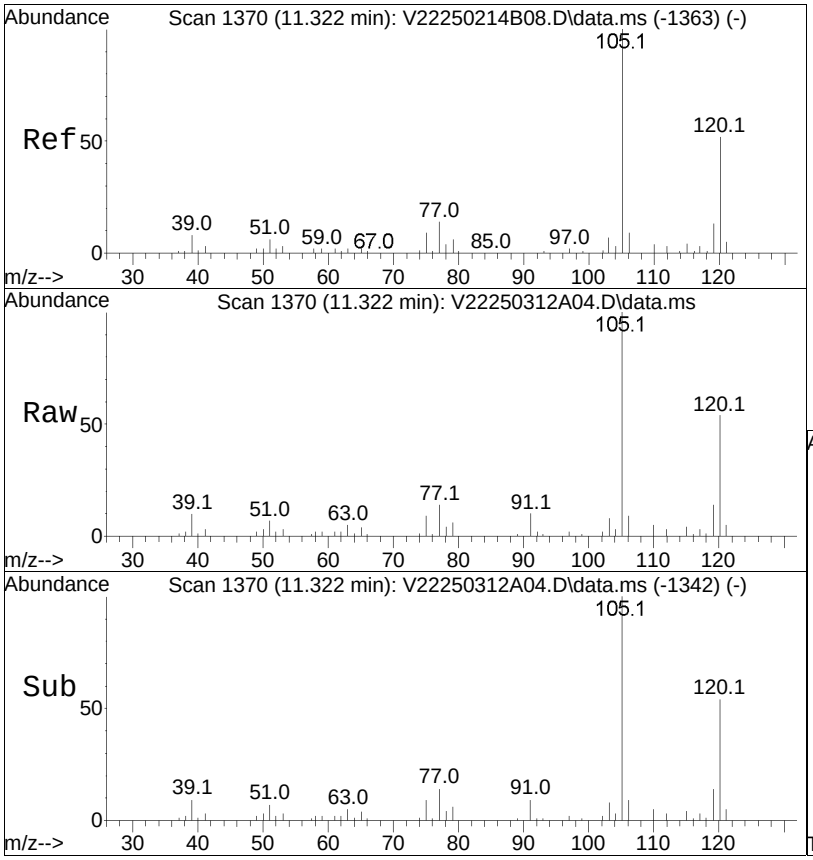


#93
2-Chlorotoluene
Concen: 10.37 ug/L M6
RT: 11.251 min Scan# 1360
Delta R.T. -0.001 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 91 Resp: 118806

Ion	Ratio	Lower	Upper
91	100		
126	40.1	29.7	44.5

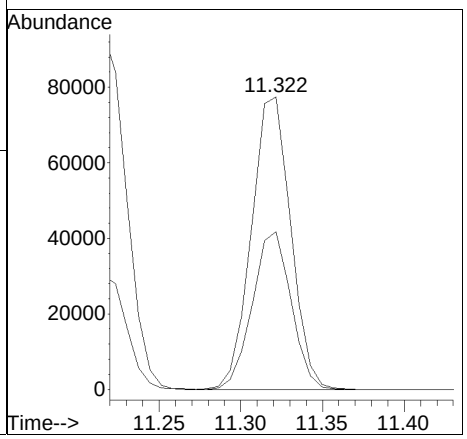


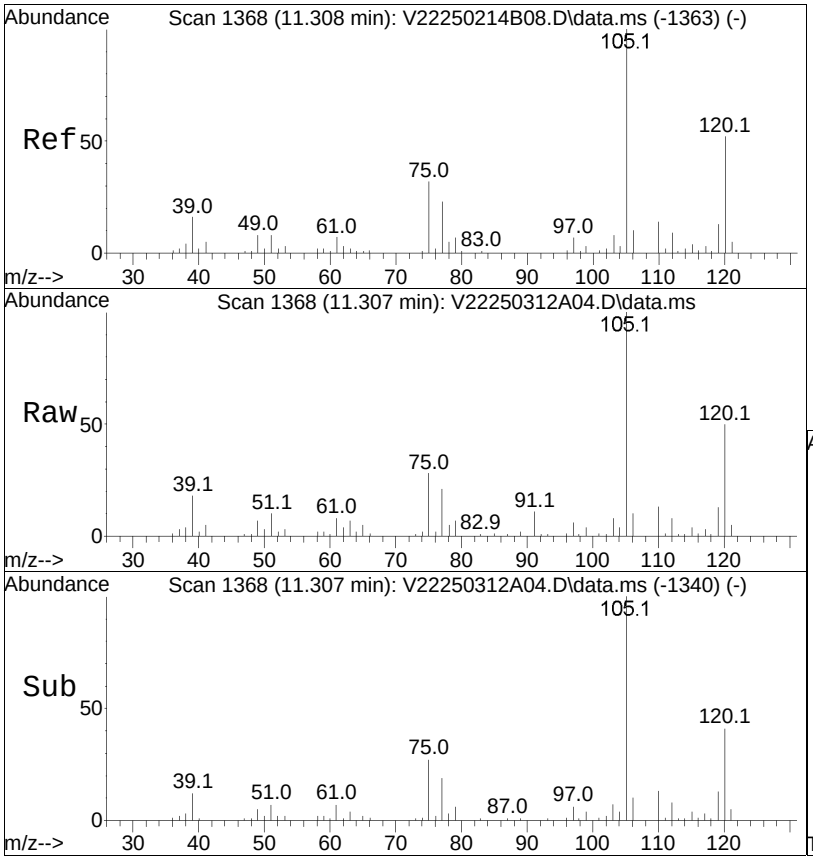


#94
1,3,5-Trimethylbenzene
Concen: 10.23 ug/L
RT: 11.322 min Scan# 1370
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:105 Resp: 129628

Ion	Ratio	Lower	Upper
105	100		
120	53.1	41.3	61.9

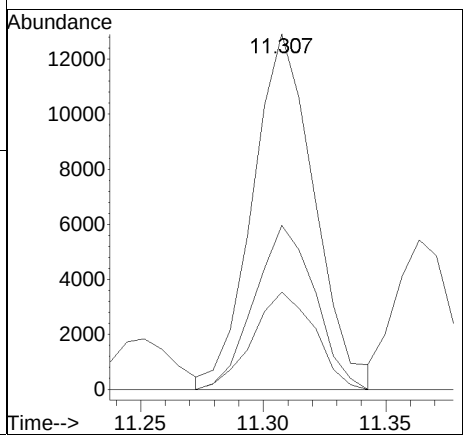


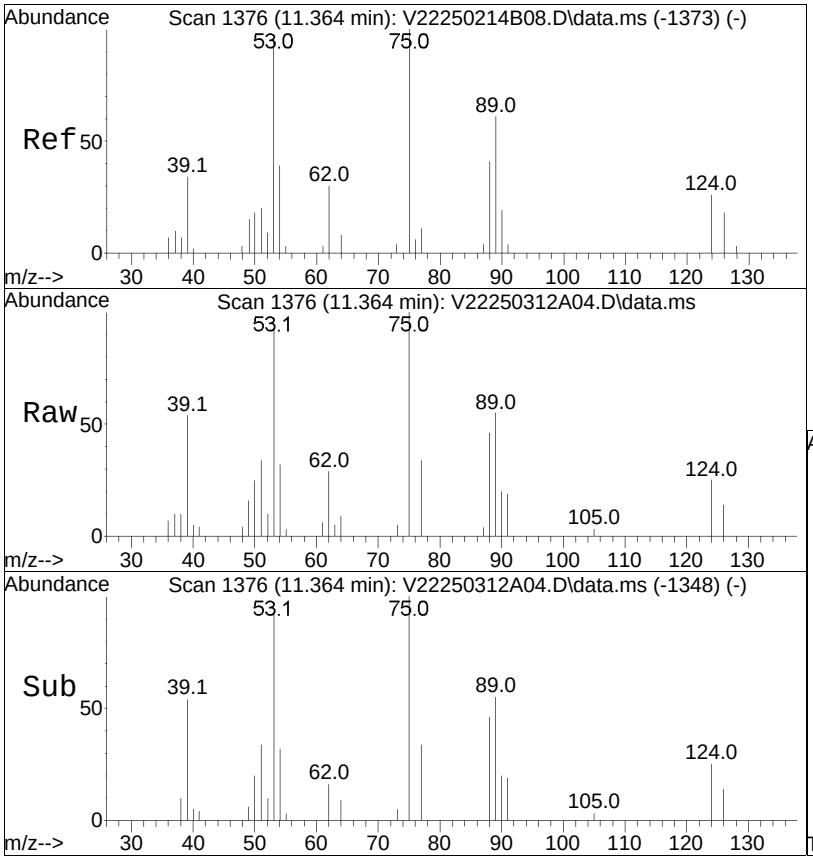


#95
1,2,3-Trichloropropane
Concen: 9.44 ug/L
RT: 11.307 min Scan# 1368
Delta R.T. -0.001 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 75 Resp: 22658

Ion	Ratio	Lower	Upper
75	100		
110	45.0	27.6	57.4
112	27.4	17.4	36.0

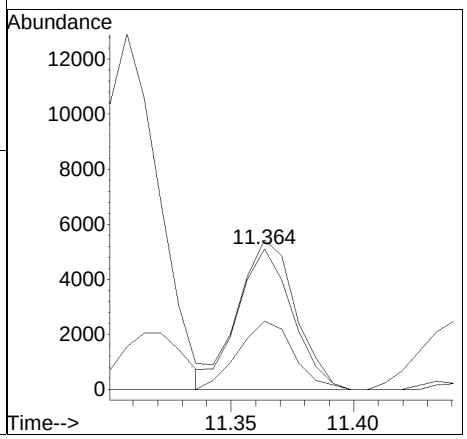


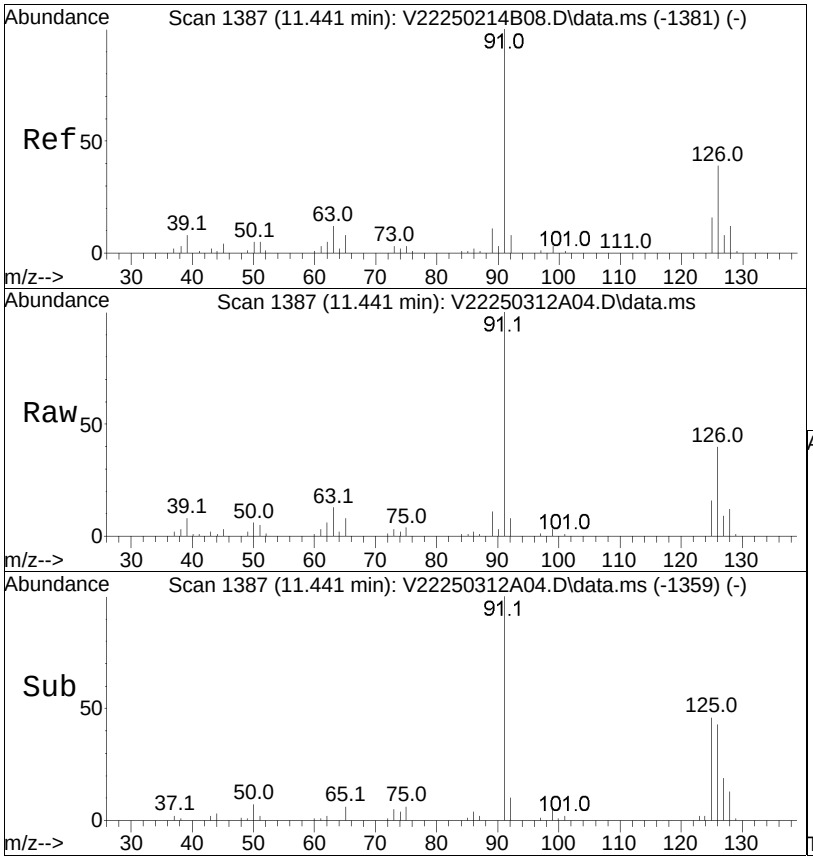


#96
trans-1,4-Dichloro-2-butene
Concen: 9.53 ug/L
RT: 11.364 min Scan# 1376
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 53 Resp: 7933

Ion	Ratio	Lower	Upper
53	100		
88	49.0	38.7	58.1
75	106.7	88.4	132.6

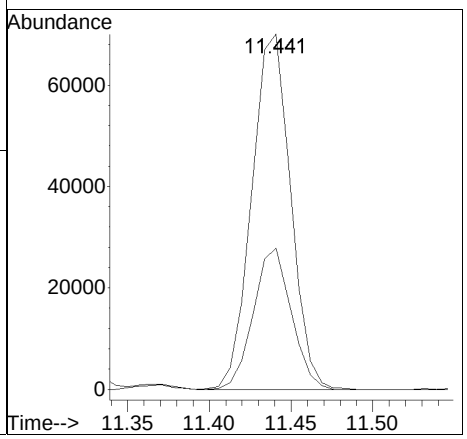


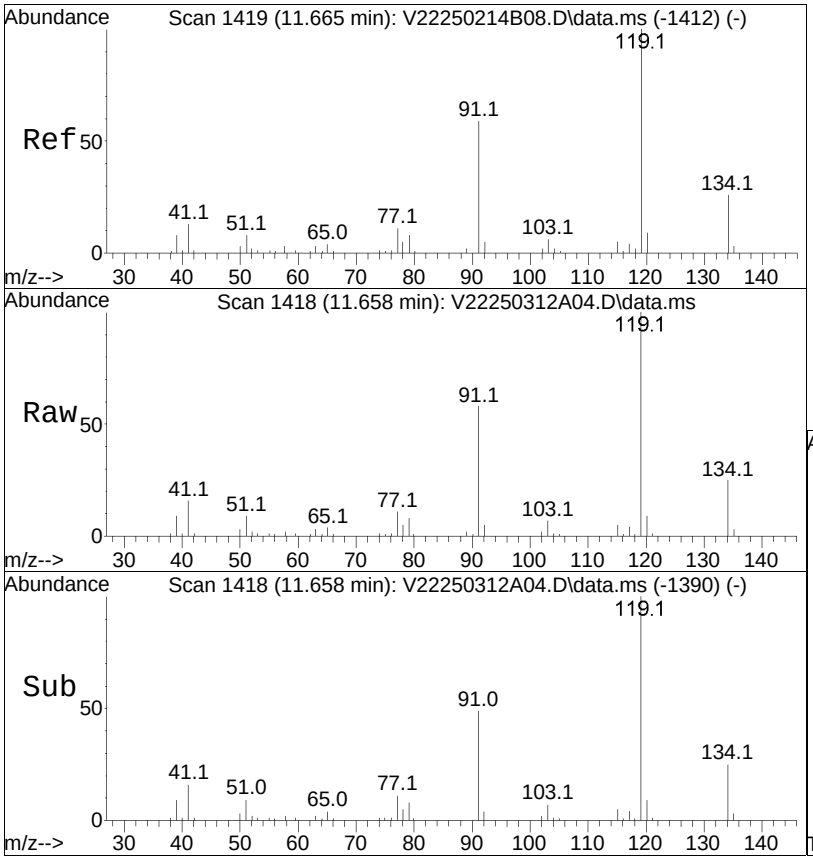


#97
4-Chlorotoluene
Concen: 9.83 ug/L
RT: 11.441 min Scan# 1387
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 91 Resp: 115795

Ion	Ratio	Lower	Upper
91	100		
126	38.7	30.4	45.6

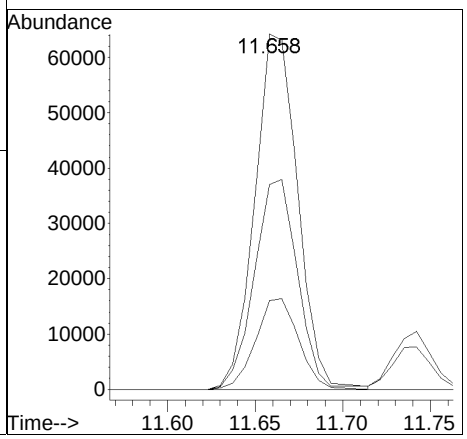


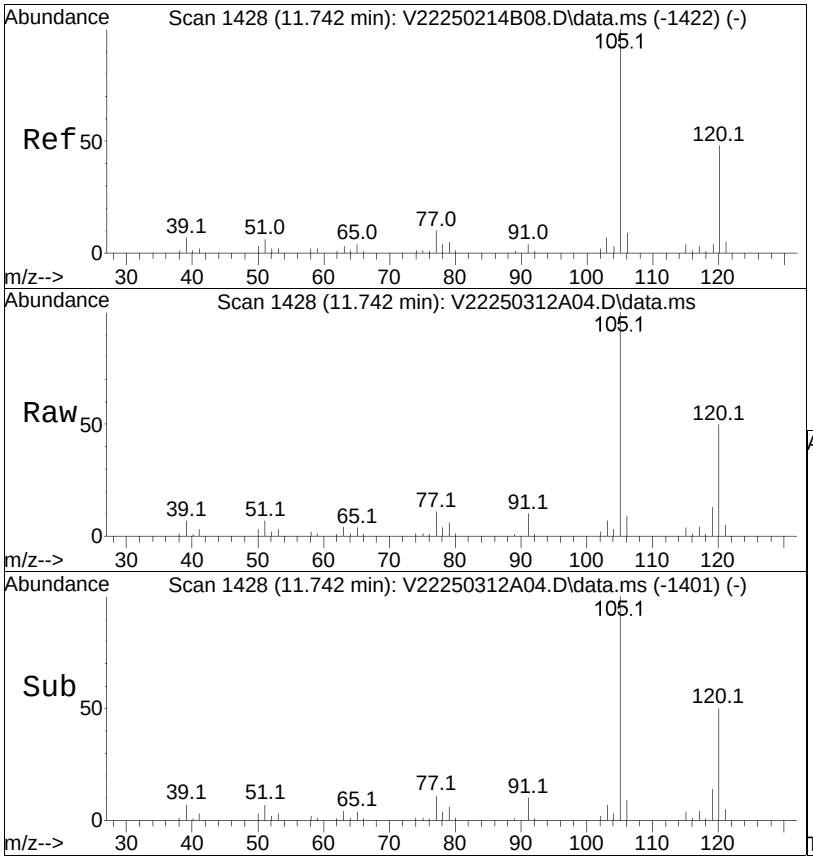


#98
tert-Butylbenzene
Concen: 9.96 ug/L
RT: 11.658 min Scan# 1418
Delta R.T. -0.007 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:119 Resp: 126601

Ion	Ratio	Lower	Upper
119	100		
91	59.6	47.4	71.0
134	25.4	20.7	31.1

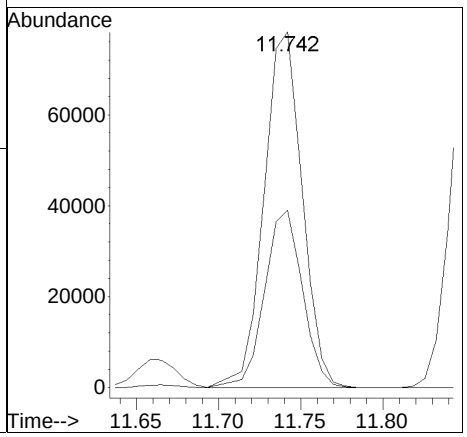


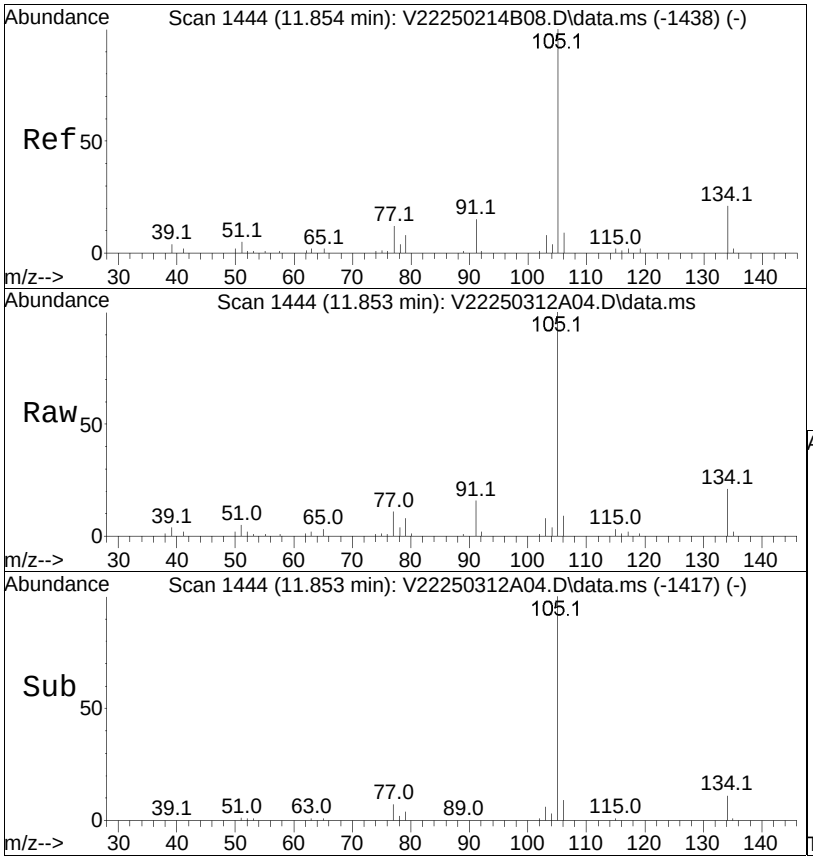


#101
1,2,4-Trimethylbenzene
Concen: 9.99 ug/L
RT: 11.742 min Scan# 1428
Delta R.T. 0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:105 Resp: 144220

Ion	Ratio	Lower	Upper
105	100		
120	50.0	40.6	60.8

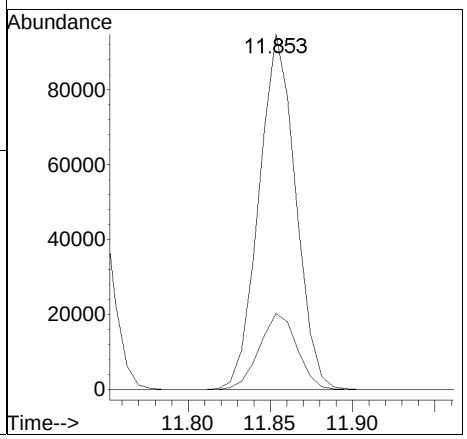


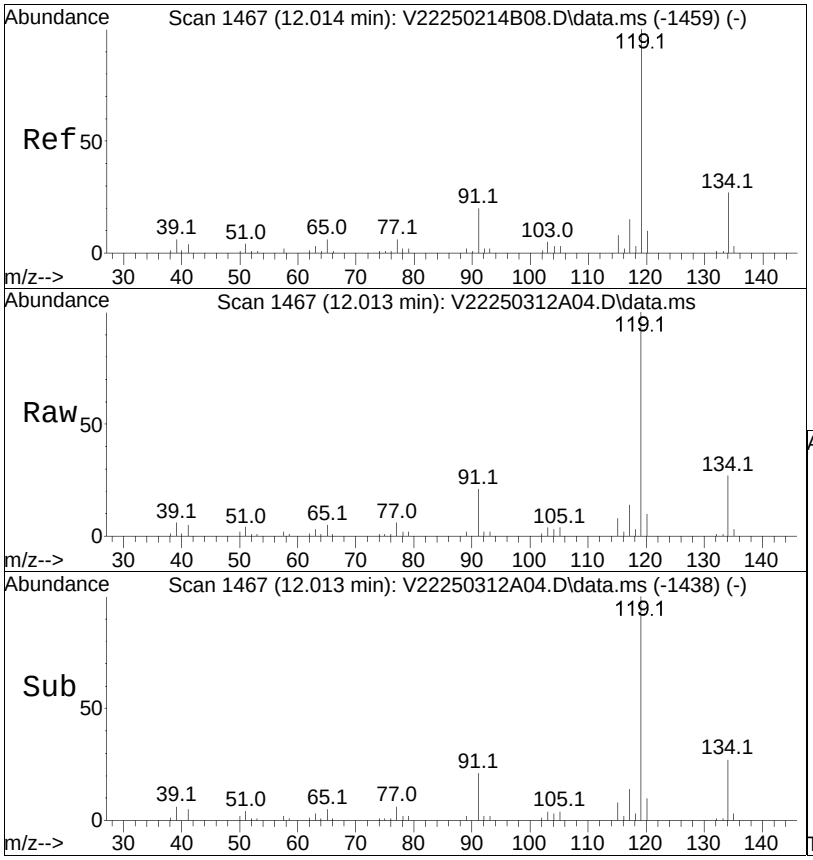


#102
sec-Butylbenzene
Concen: 10.01 ug/L
RT: 11.853 min Scan# 1444
Delta R.T. -0.001 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:105 Resp: 146834

Ion	Ratio	Lower	Upper
105	100		
134	21.9	14.1	29.3

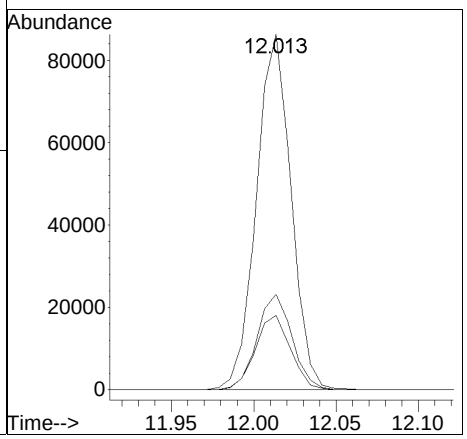


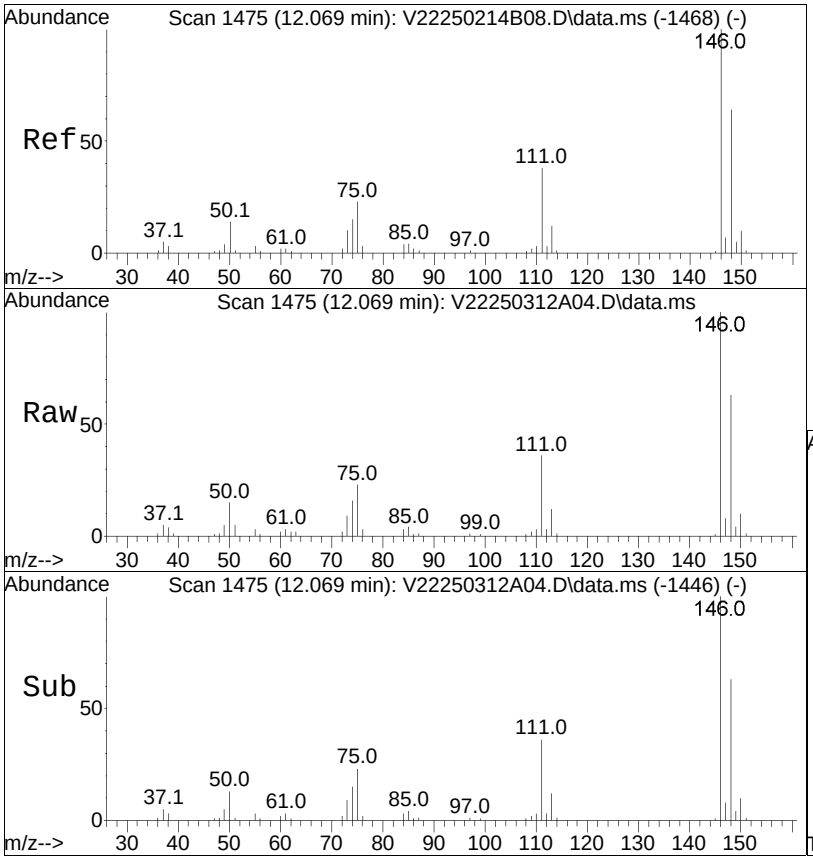


#103
p-Isopropyltoluene
Concen: 9.83 ug/L
RT: 12.013 min Scan# 1467
Delta R.T. -0.001 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:119 Resp: 126066

Ion	Ratio	Lower	Upper
119	100		
134	26.9	17.5	36.3
91	21.1	13.7	28.5

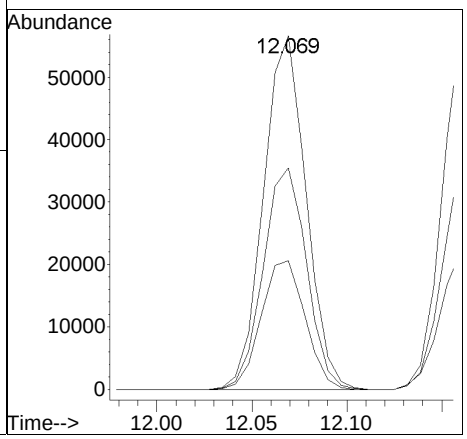


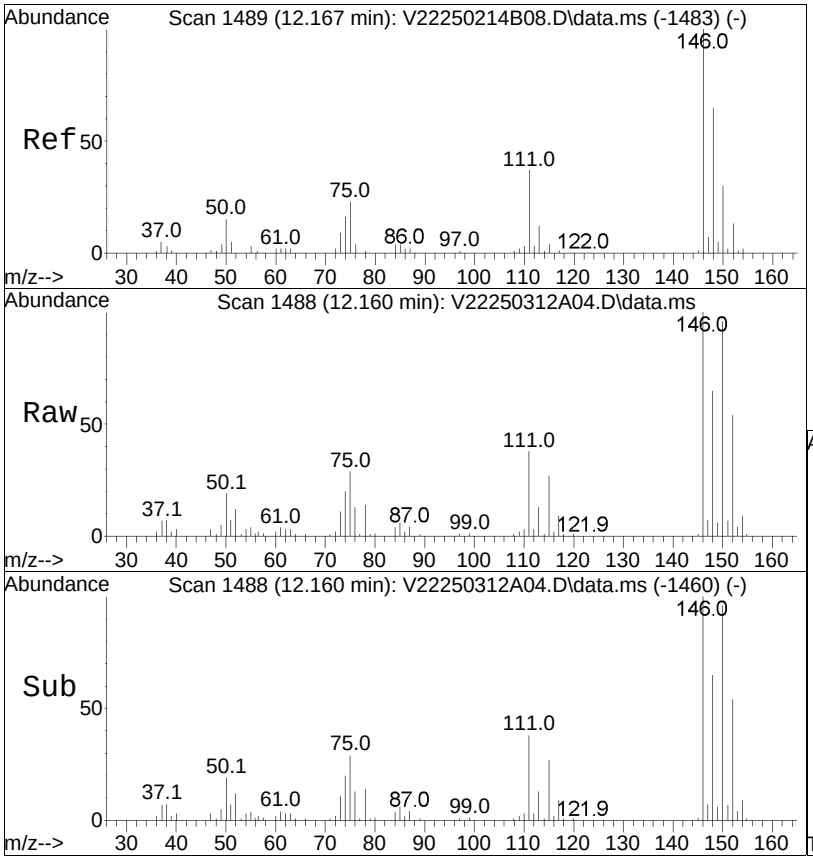


#104
1,3-Dichlorobenzene
Concen: 10.03 ug/L
RT: 12.069 min Scan# 1475
Delta R.T. 0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:146 Resp: 88040

Ion	Ratio	Lower	Upper
146	100		
111	37.7	24.8	51.6
148	63.8	41.7	86.5

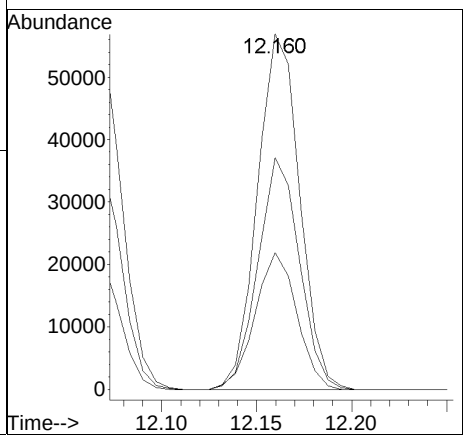


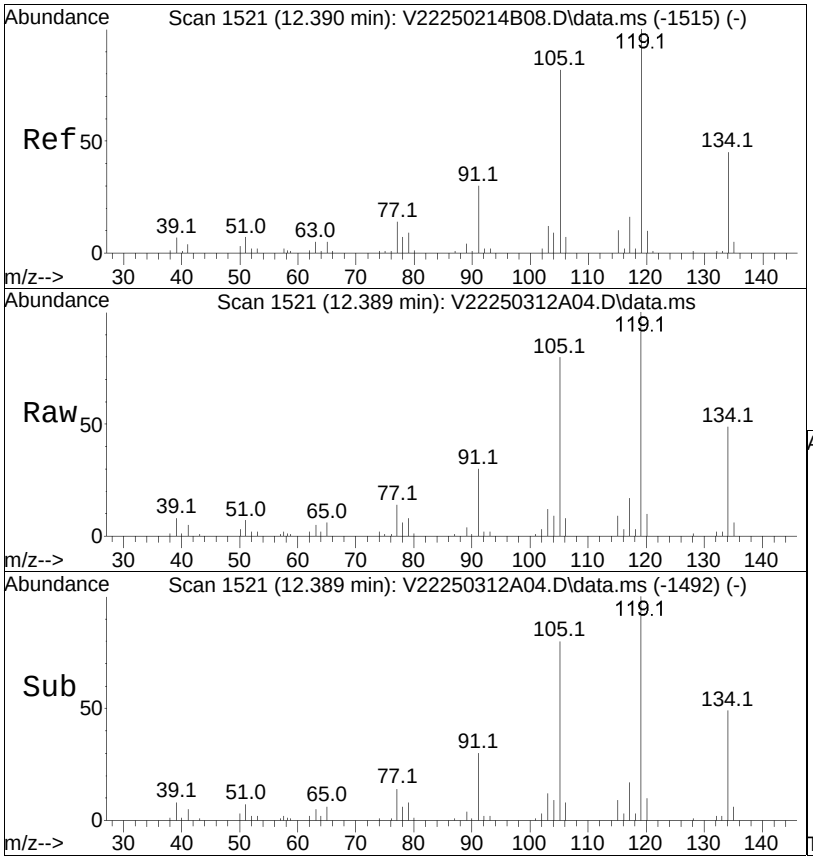


#105
1,4-Dichlorobenzene
Concen: 9.87 ug/L
RT: 12.160 min Scan# 1488
Delta R.T. -0.007 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:146 Resp: 87877

Ion	Ratio	Lower	Upper
146	100		
111	38.2	31.0	46.4
148	64.2	51.8	77.6

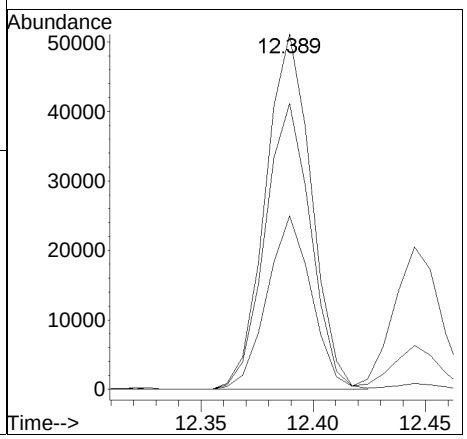


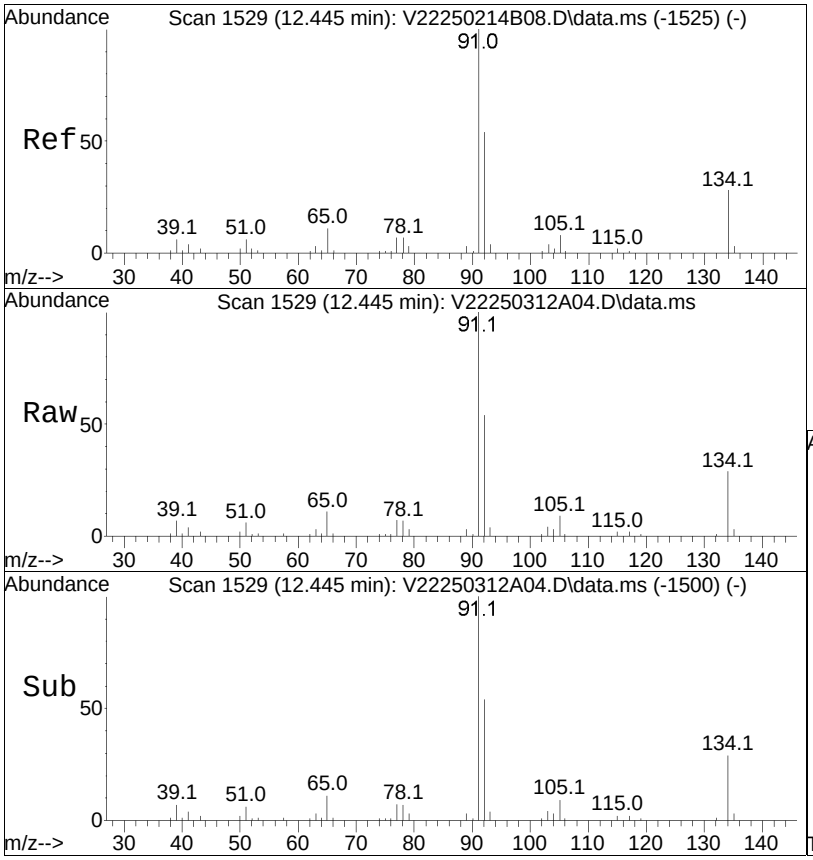


#106
p-Diethylbenzene
Concen: 9.77 ug/L
RT: 12.389 min Scan# 1521
Delta R.T. -0.001 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:119 Resp: 72629

Ion	Ratio	Lower	Upper
119	100		
105	79.9	52.9	109.9
134	47.2	30.4	63.2

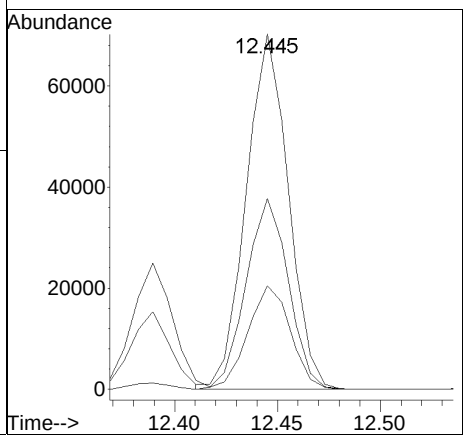


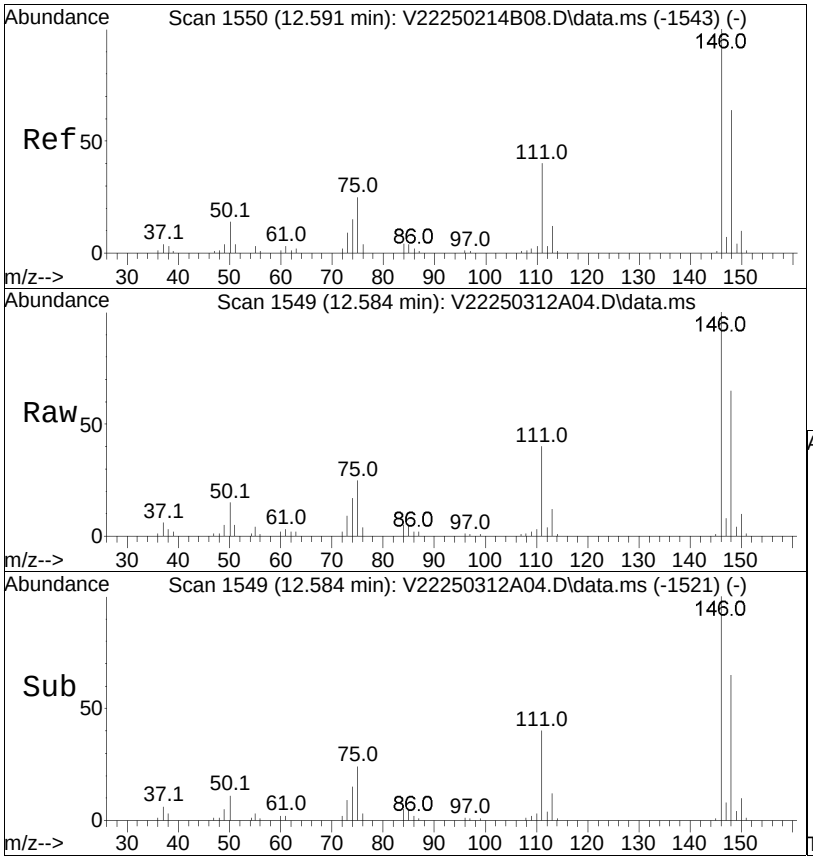


#107
n-Butylbenzene
Concen: 10.11 ug/L
RT: 12.445 min Scan# 1529
Delta R.T. 0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion: 91 Resp: 100152

Ion	Ratio	Lower	Upper
91	100		
92	54.0	43.2	64.8
134	29.3	23.2	34.8

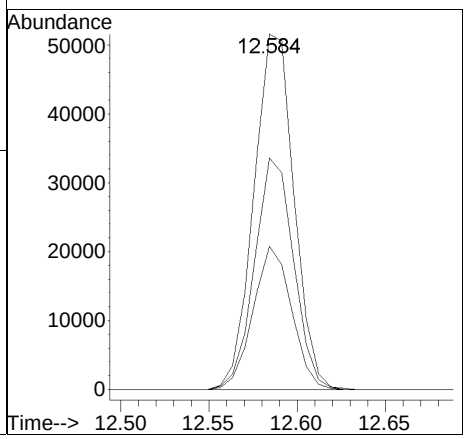


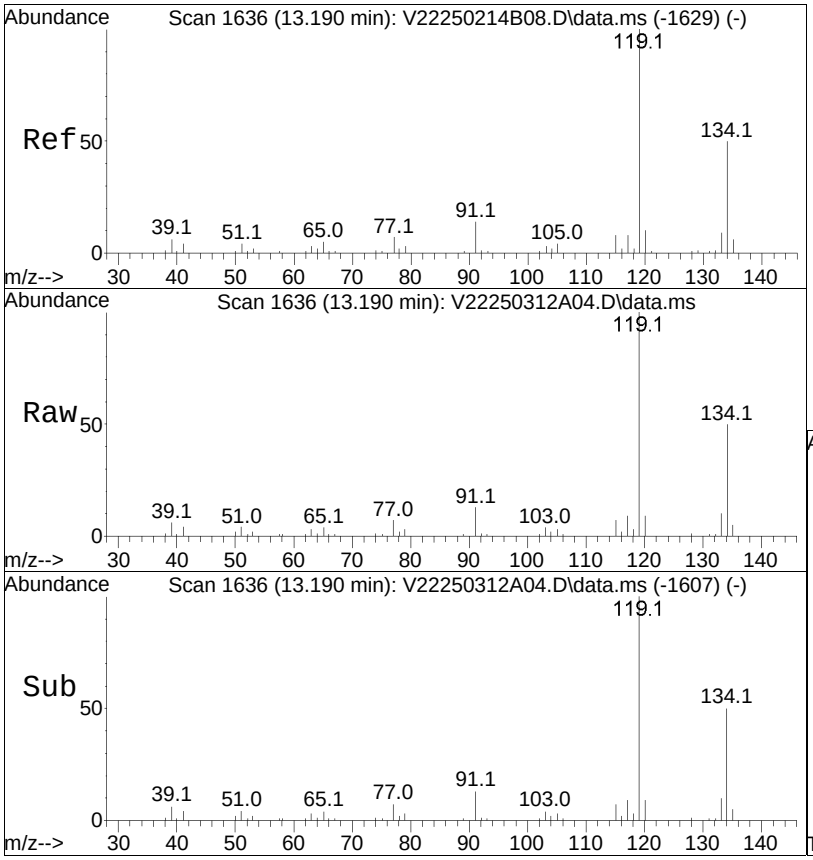


#108
1,2-Dichlorobenzene
Concen: 9.85 ug/L
RT: 12.584 min Scan# 1549
Delta R.T. -0.007 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:146 Resp: 81689

Ion	Ratio	Lower	Upper
146	100		
111	38.6	26.2	54.4
148	63.4	41.7	86.7

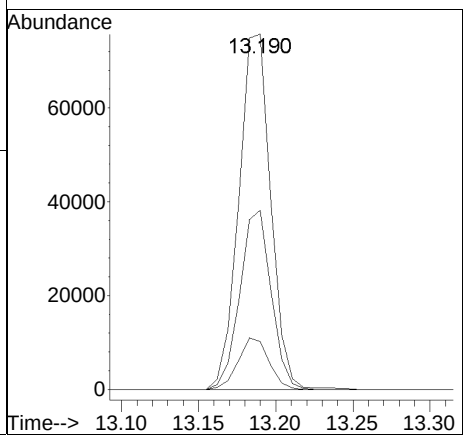


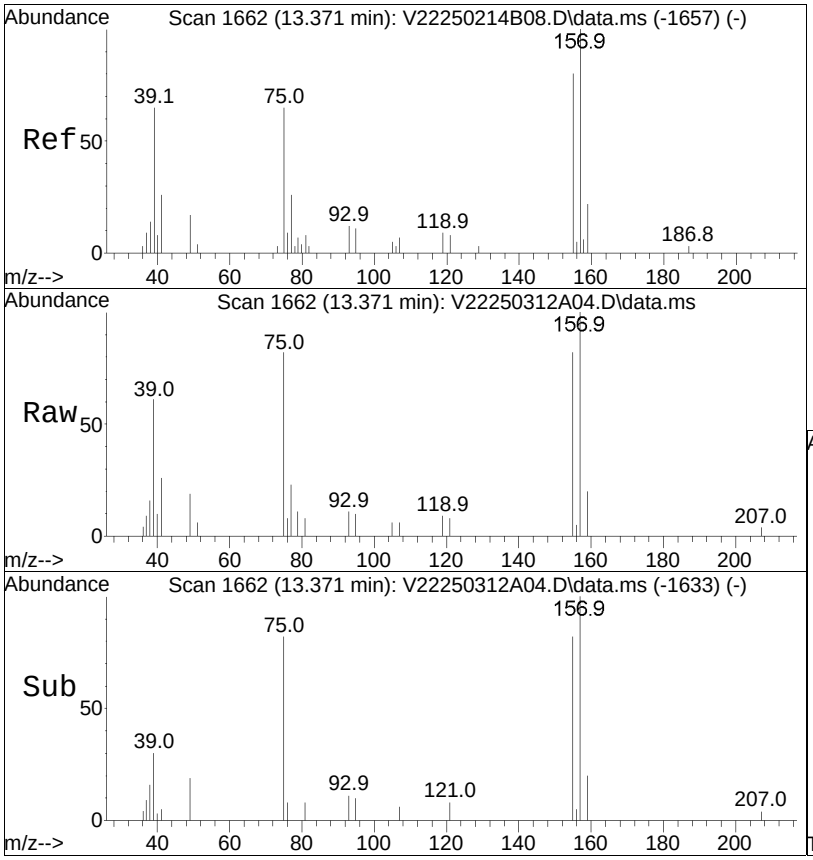


#109
1,2,4,5-Tetramethylbenzene
Concen: 9.40 ug/L
RT: 13.190 min Scan# 1636
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:119 Resp: 109030

Ion	Ratio	Lower	Upper
119	100		
134	49.3	31.9	66.3
91	14.0	9.2	19.2

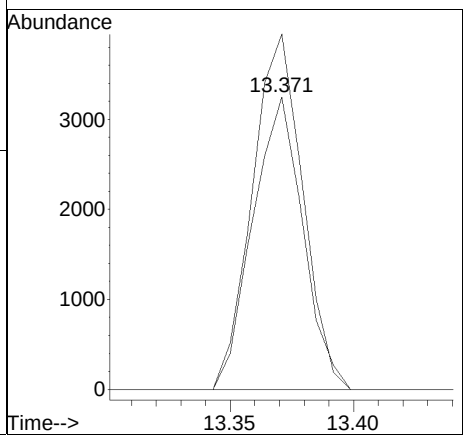


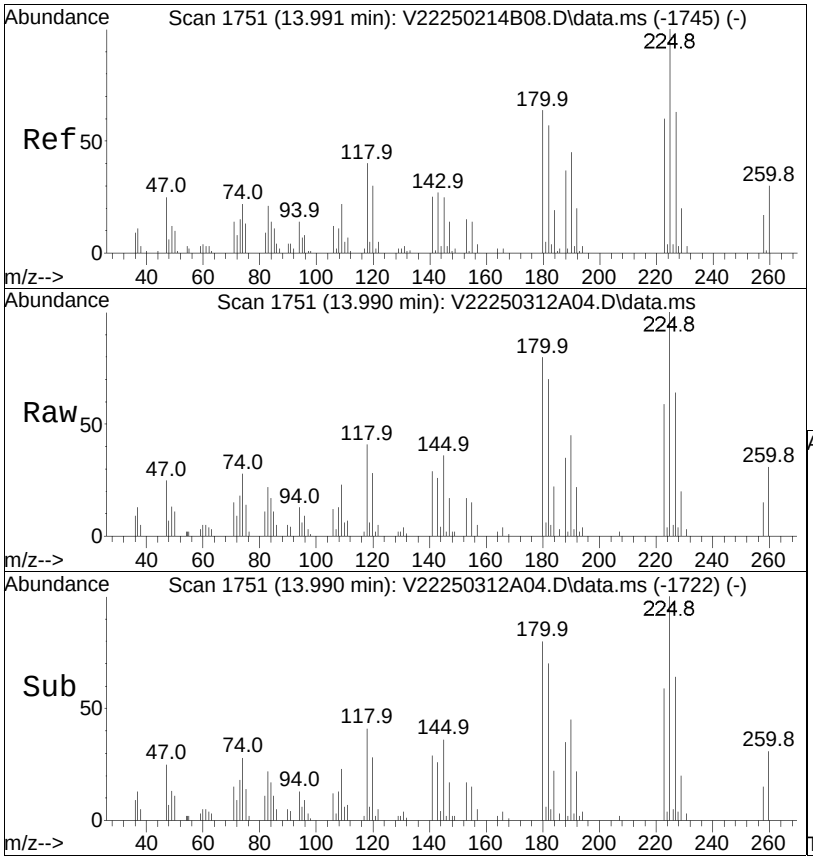


#110
1,2-Dibromo-3-chloropropane
Concen: 8.75 ug/L
RT: 13.371 min Scan# 1662
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:155 Resp: 4593

Ion	Ratio	Lower	Upper
155	100		
157	121.7	102.6	154.0

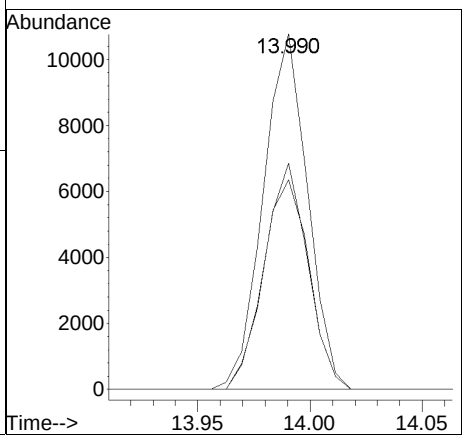


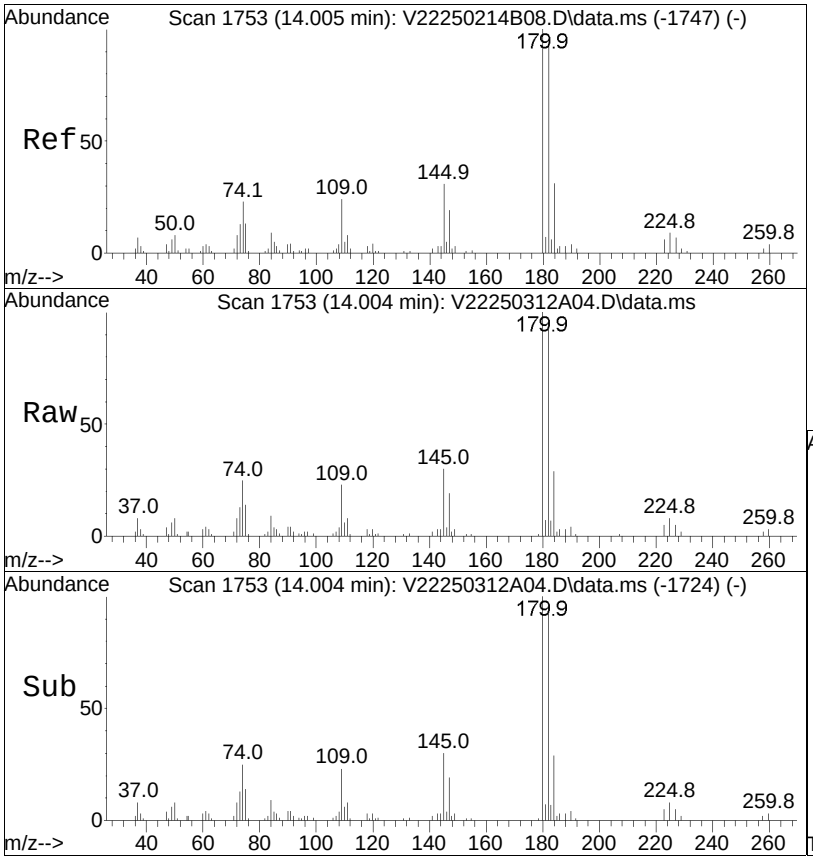


#112
Hexachlorobutadiene
Concen: 9.64 ug/L
RT: 13.990 min Scan# 1751
Delta R.T. -0.001 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:225 Resp: 14788

Ion	Ratio	Lower	Upper
225	100		
223	61.6	48.1	72.1
227	62.5	49.7	74.5

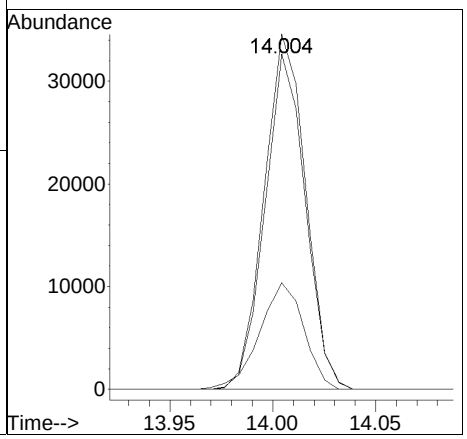


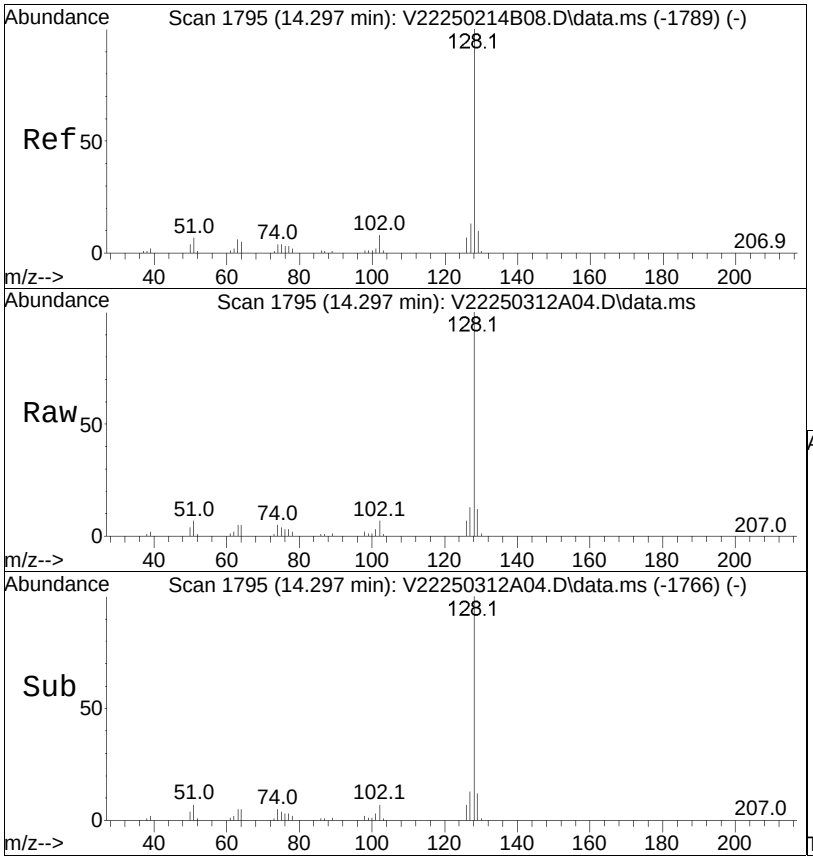


#113
1,2,4-Trichlorobenzene
Concen: 9.92 ug/L
RT: 14.004 min Scan# 1753
Delta R.T. -0.001 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:180 Resp: 48628

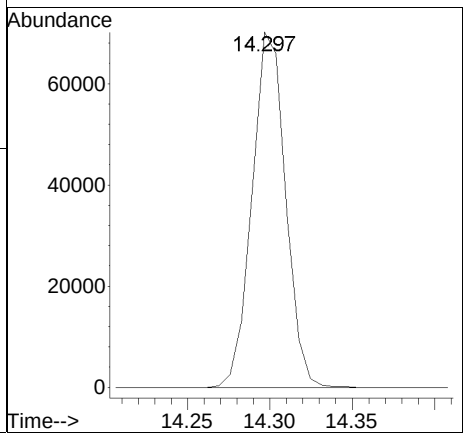
Ion	Ratio	Lower	Upper
180	100		
182	91.8	75.3	112.9
145	32.0	25.0	37.6

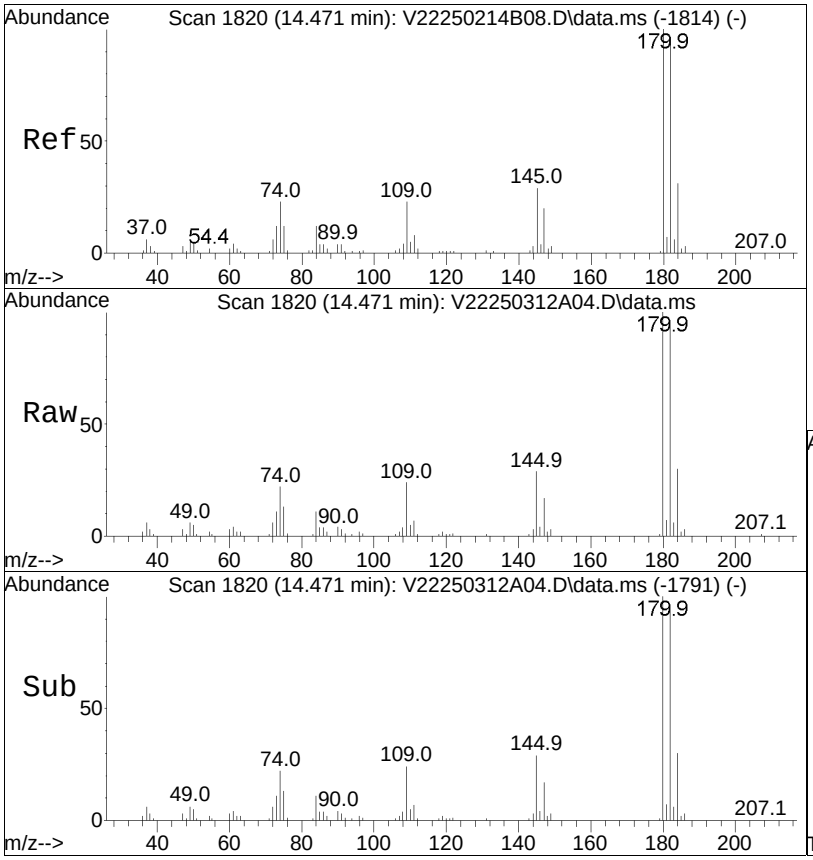




#114
Naphthalene
Concen: 9.23 ug/L
RT: 14.297 min Scan# 1795
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:128 Resp: 99466

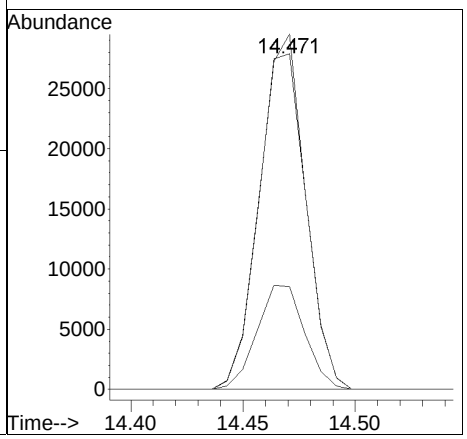




#115
1,2,3-Trichlorobenzene
Concen: 9.71 ug/L
RT: 14.471 min Scan# 1820
Delta R.T. -0.000 min
Lab File: V22250312A04.D
Acq: 12 Mar 2025 08:10 am

Tgt Ion:180 Resp: 41755

Ion	Ratio	Lower	Upper
180	100		
182	98.4	74.2	111.2
145	30.7	24.2	36.2

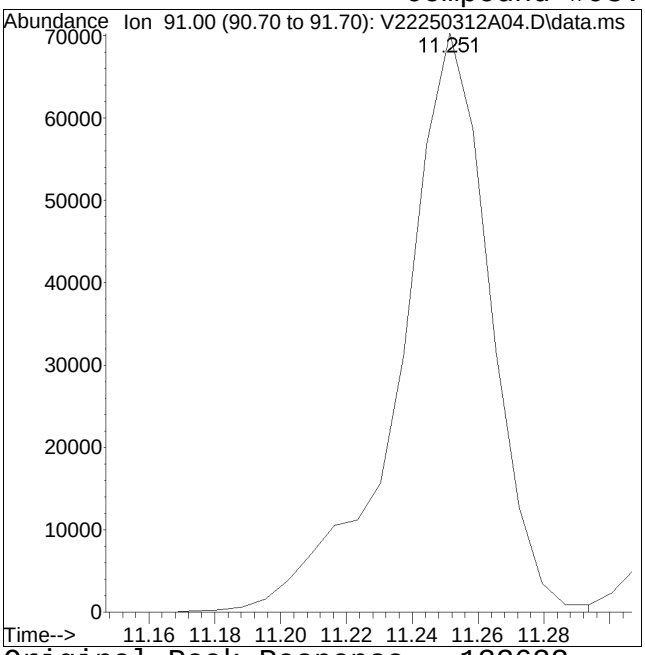


Manual Integration Report

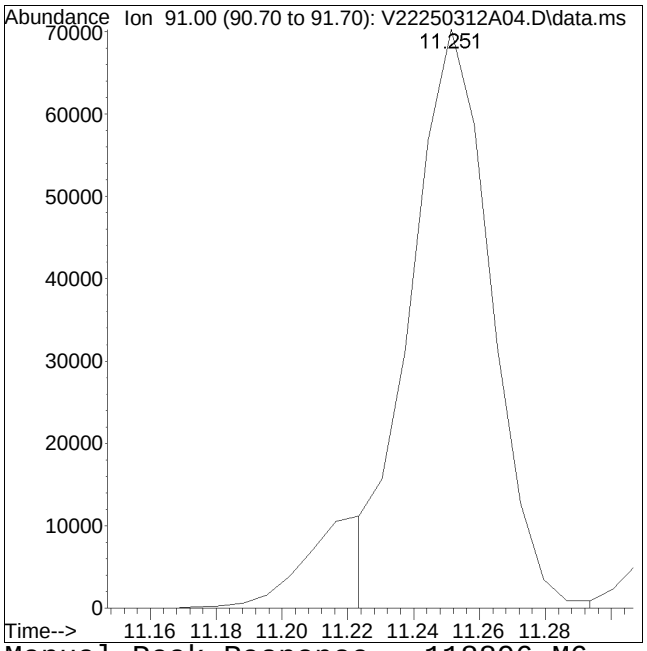
Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A04.D
Date Inj'd : 3/12/2025 8:10 am
Sample : WG2039694-3,31,10,10

QMethod : V122_2501214B_8260.m
Operator : VOA122:PID
Instrument : VOA 122
Quant Date : 3/12/2025 8:49 am

Compound #93: 2-Chlorotoluene



Original Peak Response = 133633



Manual Peak Response = 118806 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A01.D
Acq On : 12 Mar 2025 9:27 am
Operator : ELAINE:PID
Sample : WG2039699-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 10:30:25 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.768	96	297682	10.000	ug/L	0.00
63) Chlorobenzene-d5	9.275	117	223126	10.000	ug/L	0.00
84) 1,4-Dichlorobenzene-d4	12.028	152	121415	10.000	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	4.973	113	82241	10.123	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.23%			
47) 1,2-Dichloroethane-d4	5.487	65	86873	10.102	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.02%			
64) Toluene-d8	7.442	98	295223	10.000	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.00%			
88) 4-Bromofluorobenzene	10.799	95	104839	10.789	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.89%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.522	85	64023	8.359	ug/L	98
3) Chloromethane	1.702	50	61195	8.863	ug/L	99
4) Vinyl chloride	1.772	62	75431	8.412	ug/L	100
5) Bromomethane	2.062	94	46815	5.915	ug/L	96
6) Chloroethane	2.172	64	56603	8.245	ug/L	100
7) Trichlorofluoromethane	2.308	101	114393	7.400	ug/L	100
8) Ethyl ether	2.589	74	37802	8.208	ug/L	90
10) 1,1-Dichloroethene	2.769	96	66075	7.902	ug/L	90
11) Carbon disulfide	2.800	76	204538	8.678	ug/L	100
15) Methylene chloride	3.309	84	69640	9.935	ug/L	96
17) Acetone	3.349	43	13063	10.969	ug/L	100
18) trans-1,2-Dichloroethene	3.454	96	67314	10.267	ug/L	96
21) Methyl tert-butyl ether	3.551	73	138635	8.967	ug/L #	95
25) 1,1-Dichloroethane	4.025	63	124618	10.285	ug/L	98
27) Acrylonitrile	4.064	53	15112	9.956	ug/L	93
29) Vinyl acetate	4.249	43	110991	9.217	ug/L	99
30) cis-1,2-Dichloroethene	4.530	96	75924	9.936	ug/L	97
31) 2,2-Dichloropropane	4.631	77	92727	9.230	ug/L #	98
33) Bromochloromethane	4.718	128	34497	9.896	ug/L	94
35) Chloroform	4.793	83	121327	10.110	ug/L	99
37) Carbon tetrachloride	4.925	117	94347M6	10.624	ug/L	
40) 1,1,1-Trichloroethane	4.995	97	96415	9.768	ug/L	98
42) 2-Butanone	5.079	43	17678	10.653	ug/L #	82
43) 1,1-Dichloropropene	5.109	75	79016	9.852	ug/L	99

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A01.D
Acq On : 12 Mar 2025 9:27 am
Operator : ELAINE:PID
Sample : WG2039699-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 10:30:25 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) Benzene	5.351	78	254204	9.621	ug/L	99
48) 1,2-Dichloroethane	5.557	62	81410	9.756	ug/L	96
52) Trichloroethene	5.945	95	63286	9.871	ug/L	99
54) Dibromomethane	6.379	93	35905	8.951	ug/L	97
55) 1,2-Dichloropropane	6.479	63	65703	10.568	ug/L	99
58) Bromodichloromethane	6.556	83	85191	9.535	ug/L	98
61) 1,4-Dioxane	6.759	88	18520	578.188	ug/L	96
62) cis-1,3-Dichloropropene	7.239	75	93047	9.620	ug/L	97
65) Toluene	7.501	92	153912	9.223	ug/L	100
66) 4-Methyl-2-pentanone	7.936	58	11358	7.981	ug/L	96
67) Tetrachloroethene	7.945	166	66339	10.334	ug/L	98
69) trans-1,3-Dichloropropene	7.990	75	74325	9.211	ug/L	99
72) 1,1,2-Trichloroethane	8.171	83	39060	9.322	ug/L	99
73) Chlorodibromomethane	8.379	129	54980	9.428	ug/L	98
74) 1,3-Dichloropropane	8.488	76	83844	9.680	ug/L	100
75) 1,2-Dibromoethane	8.646	107	45780	9.545	ug/L	97
77) 2-Hexanone	8.936	43	18283	8.065	ug/L	99
78) Chlorobenzene	9.298	112	180063	9.485	ug/L	98
79) Ethylbenzene	9.339	91	308513	9.235	ug/L	99
80) 1,1,1,2-Tetrachloroethane	9.379	131	57451	9.708	ug/L	97
81) p/m Xylene	9.524	106	243428	17.811	ug/L	99
82) o Xylene	10.072	106	242617	17.834	ug/L	99
83) Styrene	10.140	104	394864	17.040	ug/L	98
85) Bromoform	10.167	173	30042	8.784	ug/L	97
87) Isopropylbenzene	10.468	105	314895	9.402	ug/L	99
89) Bromobenzene	10.909	156	72796	9.744	ug/L	99
90) n-Propylbenzene	10.962	91	377544	9.353	ug/L	99
92) 1,1,2,2-Tetrachloroethane	11.054	83	52466	9.223	ug/L	99
93) 4-Ethyltoluene	11.089	105	315792	9.463	ug/L	100
94) 2-Chlorotoluene	11.129	91	224009M1	9.778	ug/L	
95) 1,3,5-Trimethylbenzene	11.191	105	268101	9.014	ug/L	100
96) 1,2,3-Trichloropropane	11.191	75	43319	9.001	ug/L	100
97) trans-1,4-Dichloro-2-b...	11.244	53	13443	8.212	ug/L	85
98) 4-Chlorotoluene	11.318	91	236357	9.943	ug/L	100
99) tert-Butylbenzene	11.534	119	237145	9.567	ug/L	99
102) 1,2,4-Trimethylbenzene	11.618	105	269228	9.246	ug/L	97
103) sec-Butylbenzene	11.728	105	344299	9.161	ug/L	98
104) p-Isopropyltoluene	11.887	119	304145	9.230	ug/L	100
105) 1,3-Dichlorobenzene	11.953	146	158235	9.733	ug/L	99
106) 1,4-Dichlorobenzene	12.045	146	150551	9.307	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A01.D
Acq On : 12 Mar 2025 9:27 am
Operator : ELAINE:PID
Sample : WG2039699-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 10:30:25 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) p-Diethylbenzene	12.266	119	173743	8.895	ug/L	99
108) n-Butylbenzene	12.327	91	250153	8.850	ug/L	99
109) 1,2-Dichlorobenzene	12.473	146	147537	9.661	ug/L	99
110) 1,2,4,5-Tetramethylben...	13.068	119	284843	9.244	ug/L	99
111) 1,2-Dibromo-3-chloropr...	13.253	155	7264	8.290	ug/L	81
113) Hexachlorobutadiene	13.869	225	30412	10.323	ug/L	99
114) 1,2,4-Trichlorobenzene	13.891	180	95095	9.875	ug/L	98
115) Naphthalene	14.182	128	205841	8.983	ug/L	100
116) 1,2,3-Trichlorobenzene	14.354	180	82625	9.358	ug/L	98

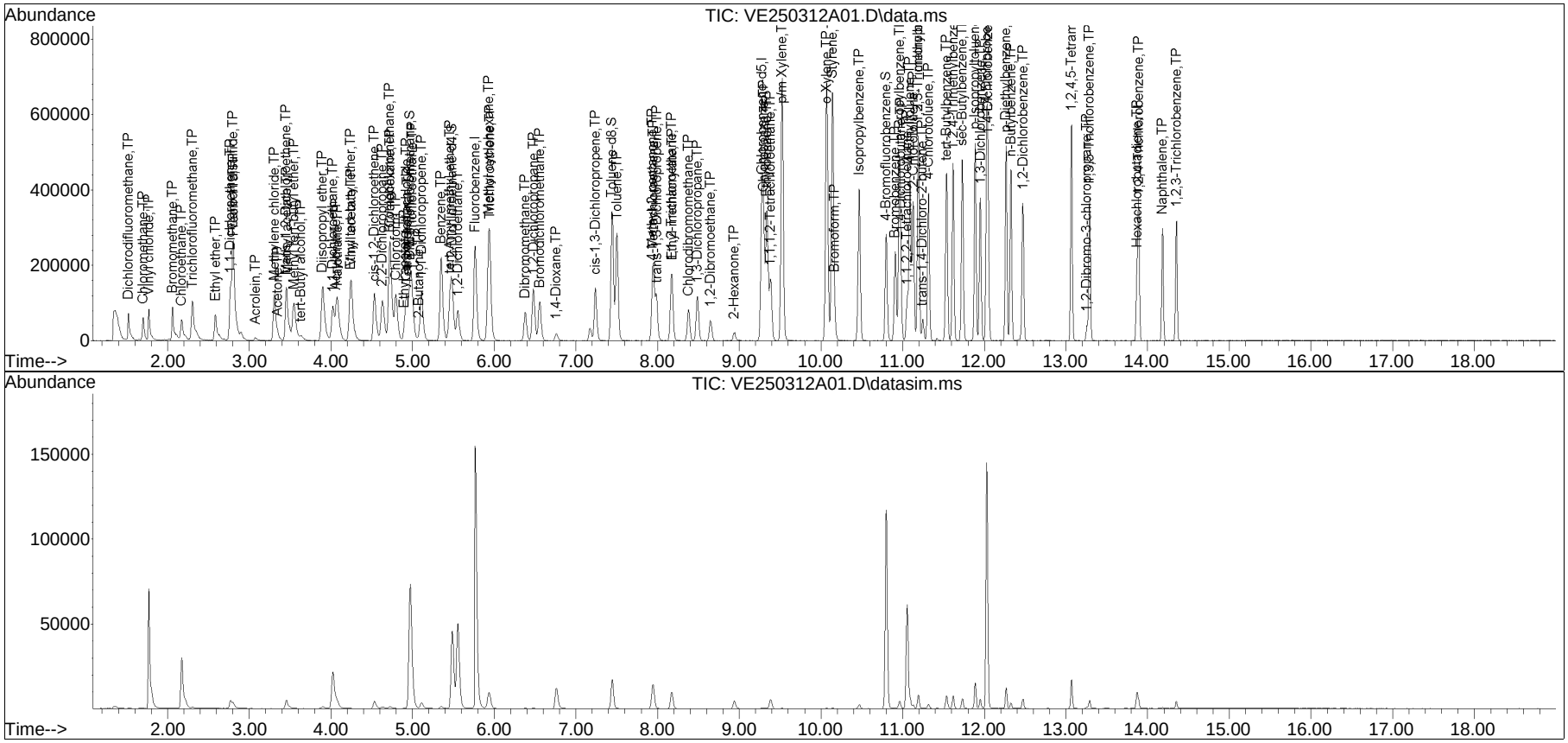
(#) = qualifier out of range (m) = manual integration (+) = signals summed

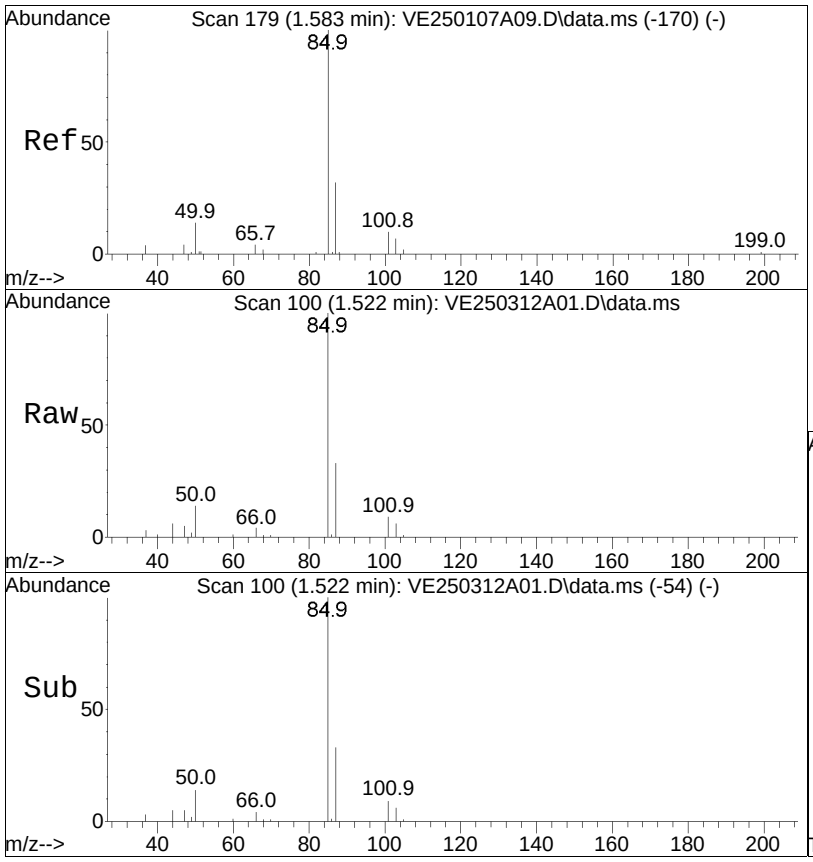
Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A01.D
Acq On : 12 Mar 2025 9:27 am
Operator : ELAINE:PID
Sample : WG2039699-3,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 12 10:30:25 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

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

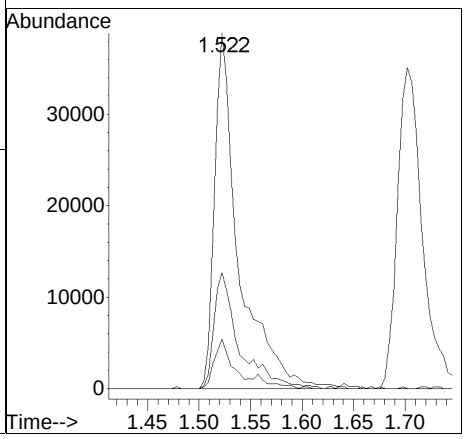


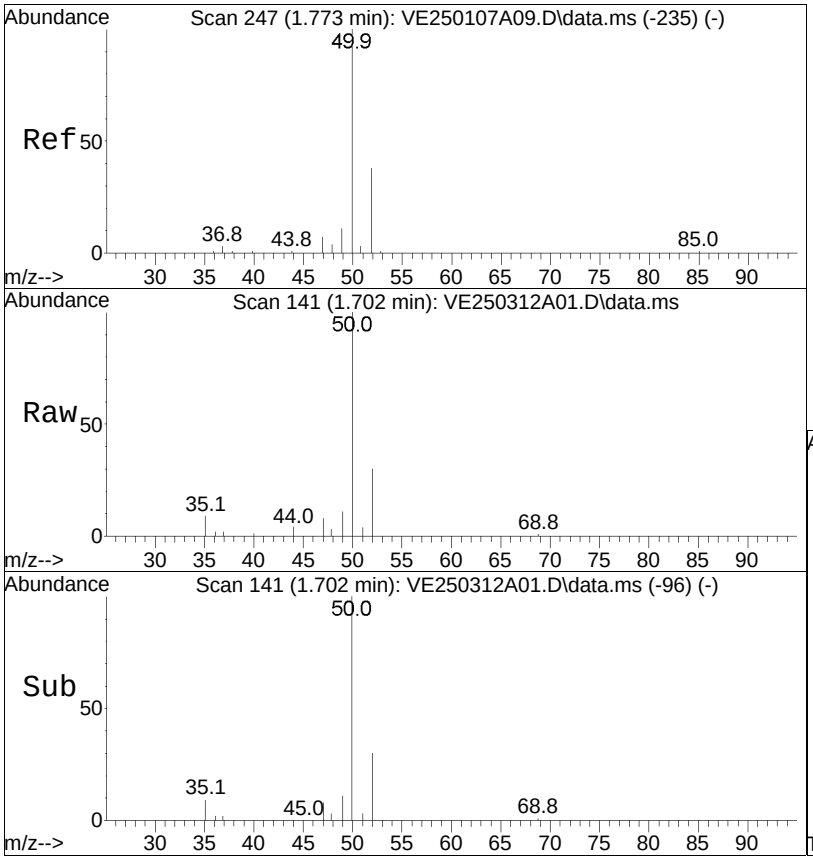


#2
Dichlorodifluoromethane
Concen: 8.36 ug/L
RT: 1.522 min Scan# 100
Delta R.T. 0.000 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 85 Resp: 64023

Ion	Ratio	Lower	Upper
85	100		
87	33.6	21.1	43.7
50	12.9	8.3	17.1

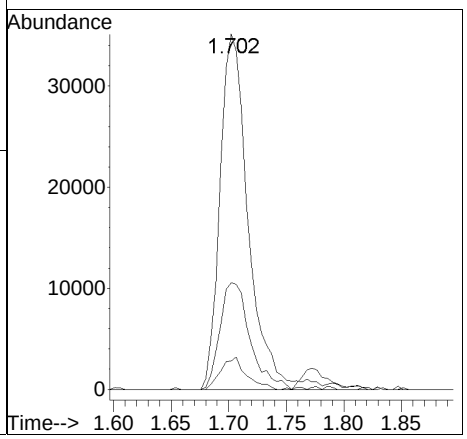


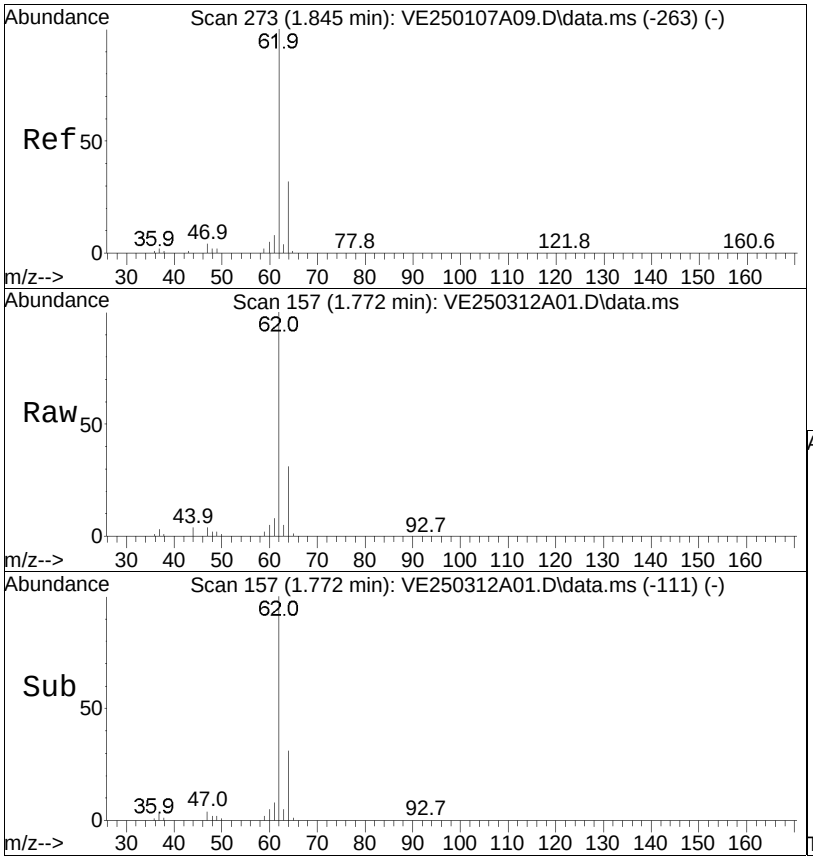


#3
Chloromethane
Concen: 8.86 ug/L
RT: 1.702 min Scan# 141
Delta R.T. -0.001 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 50 Resp: 61195

Ion	Ratio	Lower	Upper
50	100		
52	31.6	12.5	52.5
47	8.0	0.0	27.7

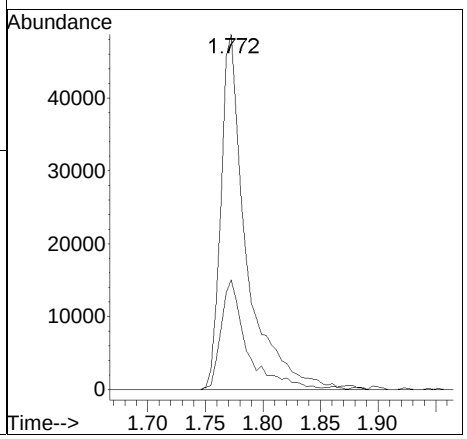


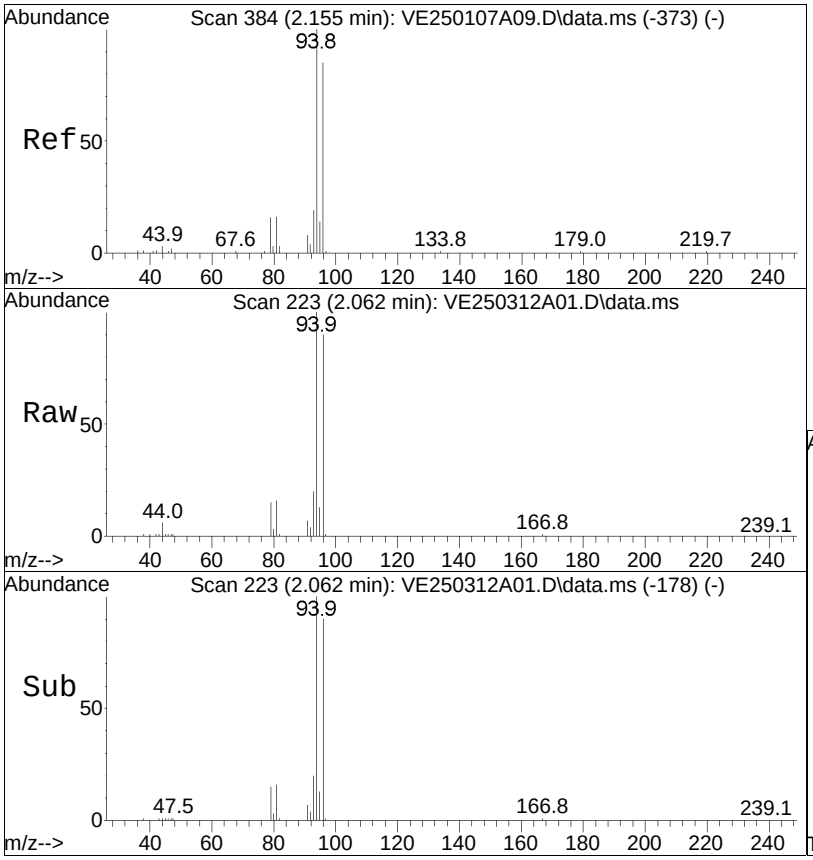


#4
Vinyl chloride
Concen: 8.41 ug/L
RT: 1.772 min Scan# 157
Delta R.T. 0.002 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 62 Resp: 75431

Ion	Ratio	Lower	Upper
62	100		
64	31.9	12.1	52.1

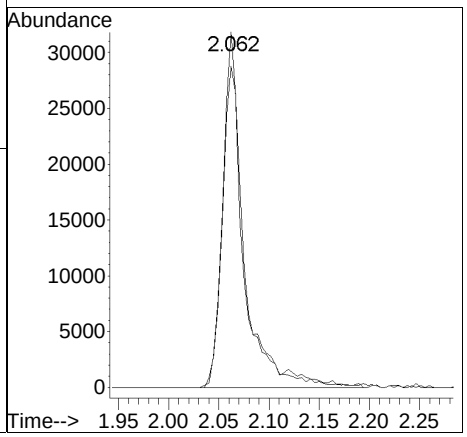


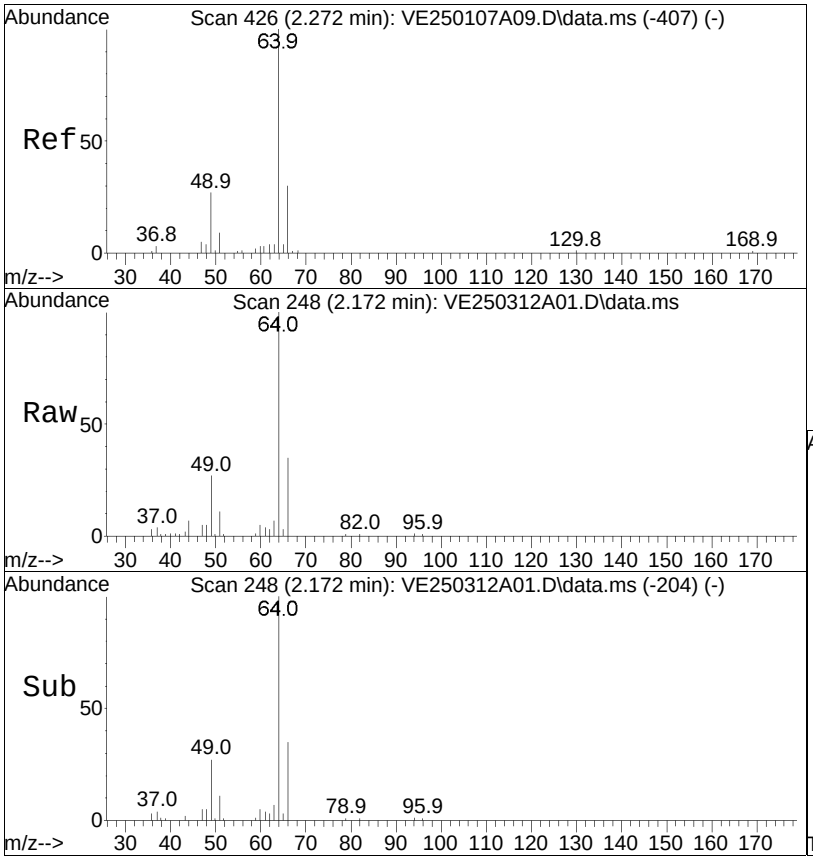


#5
Bromomethane
Concen: 5.91 ug/L
RT: 2.062 min Scan# 223
Delta R.T. -0.004 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 94 Resp: 46815

Ion	Ratio	Lower	Upper
94	100		
96	95.0	71.2	111.2

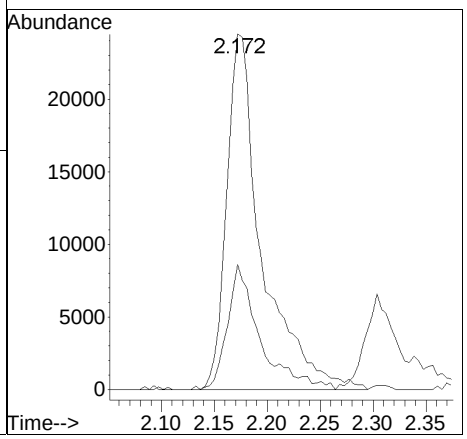


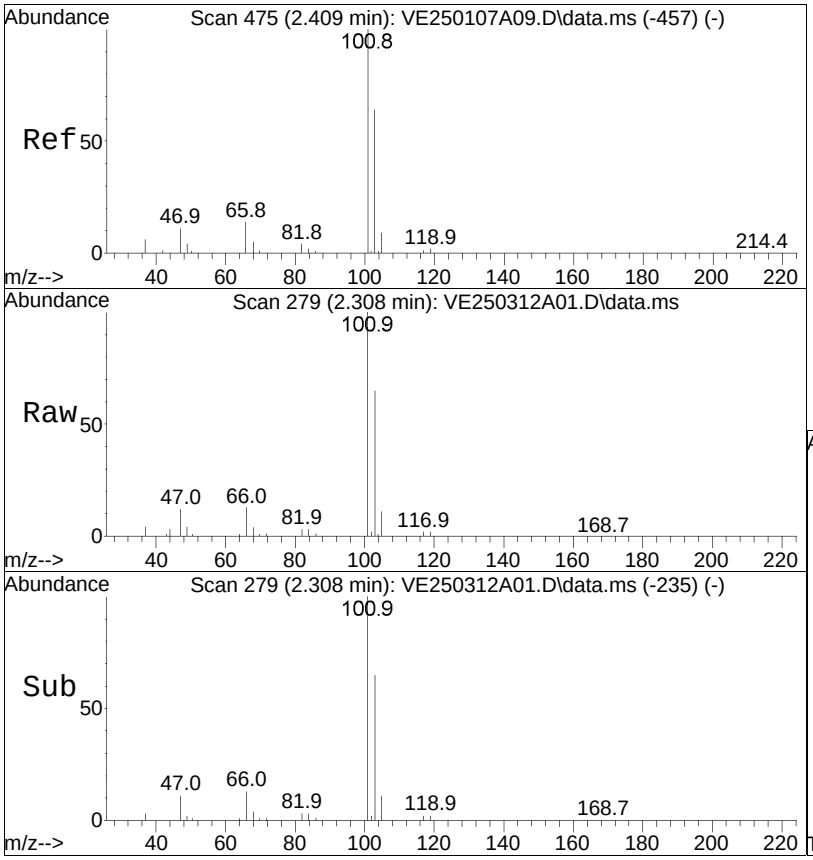


#6
Chloroethane
Concen: 8.24 ug/L
RT: 2.172 min Scan# 248
Delta R.T. -0.008 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 64 Resp: 56603

Ion	Ratio	Lower	Upper
64	100		
66	32.3	12.5	52.5

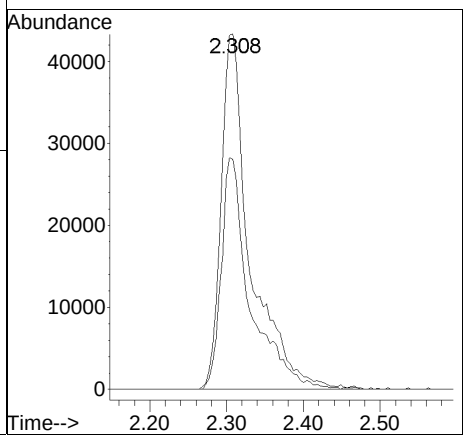


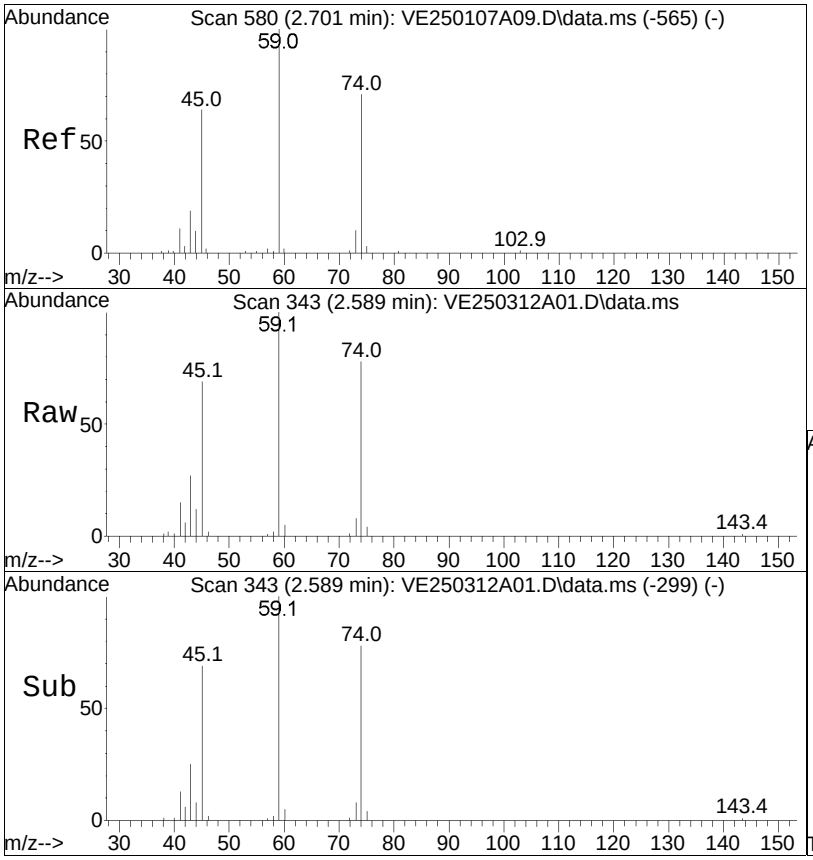


#7
Trichlorofluoromethane
Concen: 7.40 ug/L
RT: 2.308 min Scan# 279
Delta R.T. -0.006 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:101 Resp: 114393

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.4	77.0

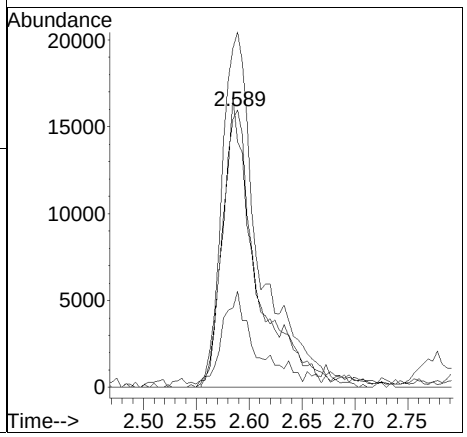


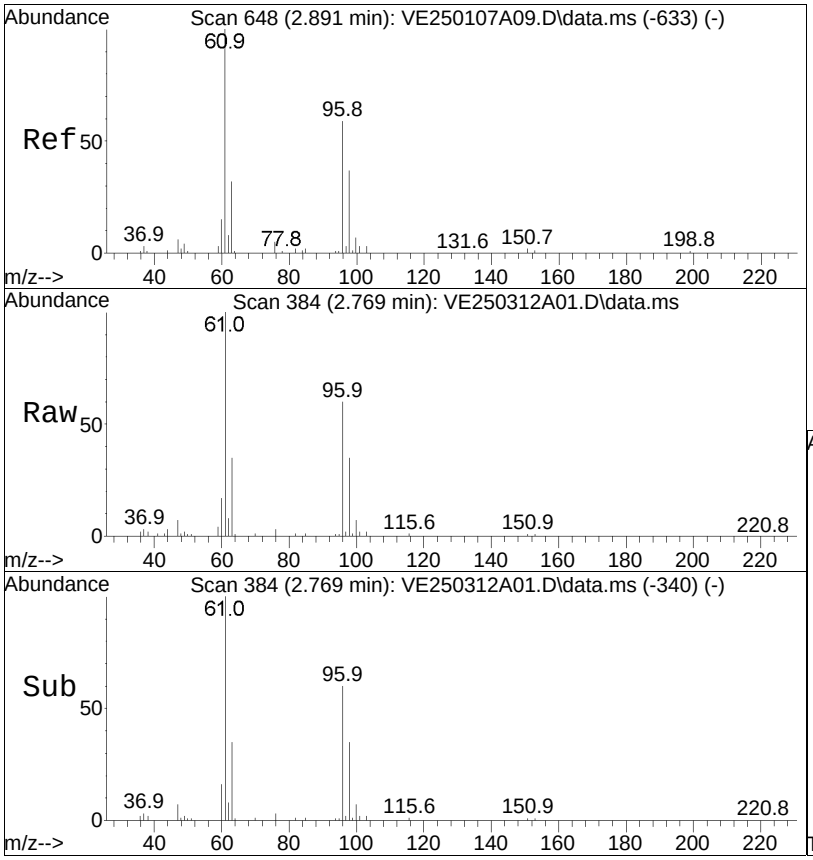


#8
Ethyl ether
Concen: 8.21 ug/L
RT: 2.589 min Scan# 343
Delta R.T. -0.006 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 74 Resp: 37802

Ion	Ratio	Lower	Upper
74	100		
59	136.1	83.9	174.2
45	102.1	56.9	118.3
43	36.0	20.2	42.0

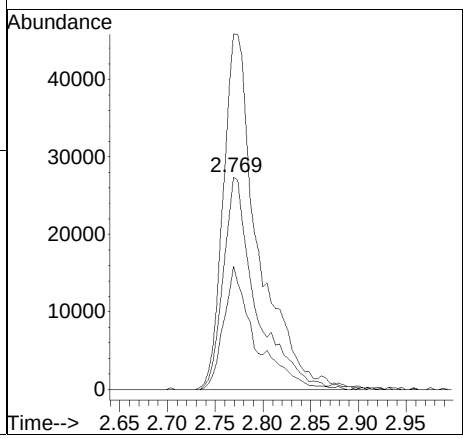


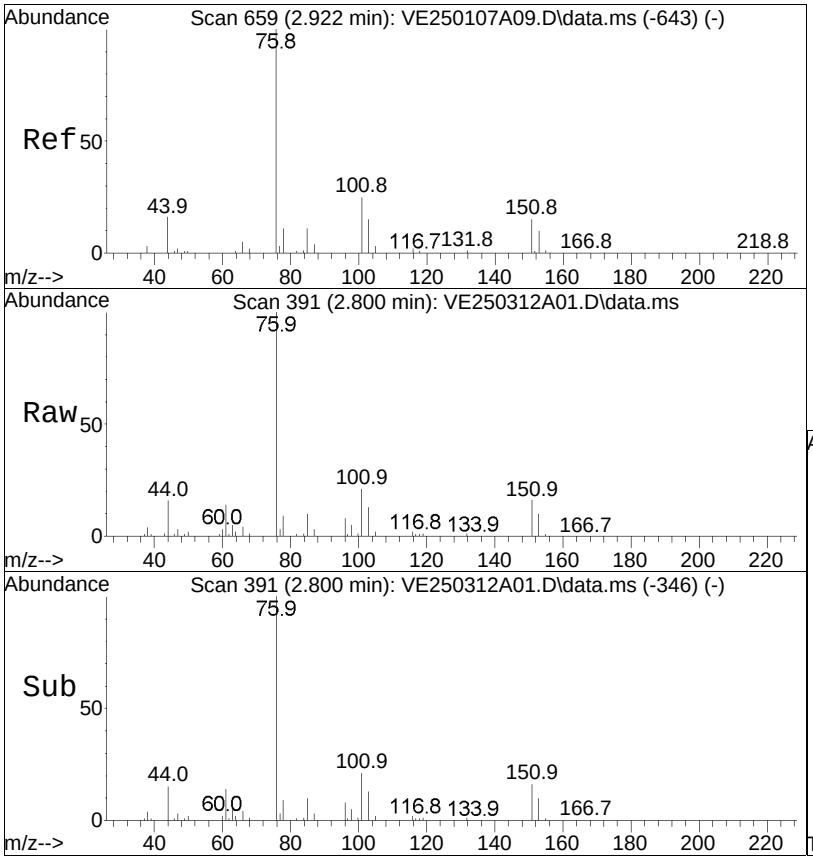


#10
1,1-Dichloroethene
Concen: 7.90 ug/L
RT: 2.769 min Scan# 384
Delta R.T. -0.008 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 96 Resp: 66075

Ion	Ratio	Lower	Upper
96	100		
61	176.6	129.0	193.6
63	55.8	41.7	62.5

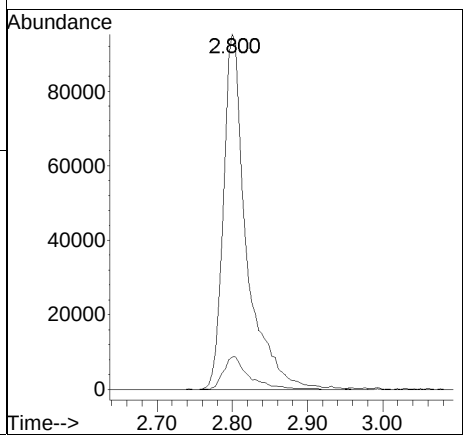


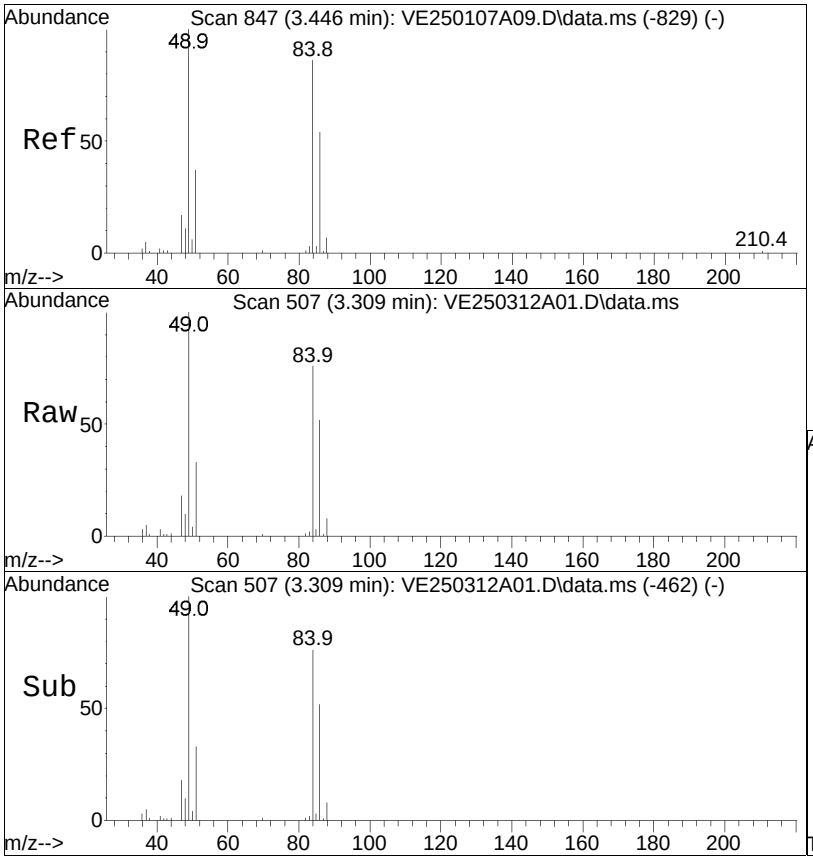


#11
Carbon disulfide
Concen: 8.68 ug/L
RT: 2.800 min Scan# 391
Delta R.T. -0.002 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 76 Resp: 204538

Ion	Ratio	Lower	Upper
76	100		
78	10.3	6.7	13.9

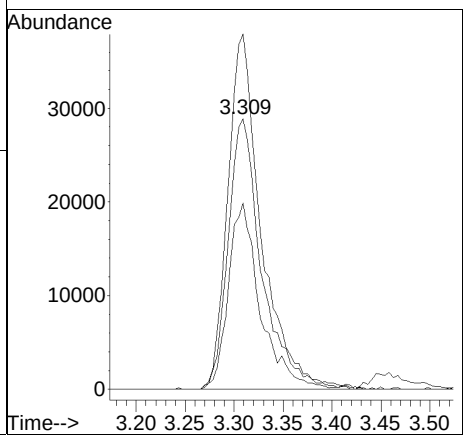


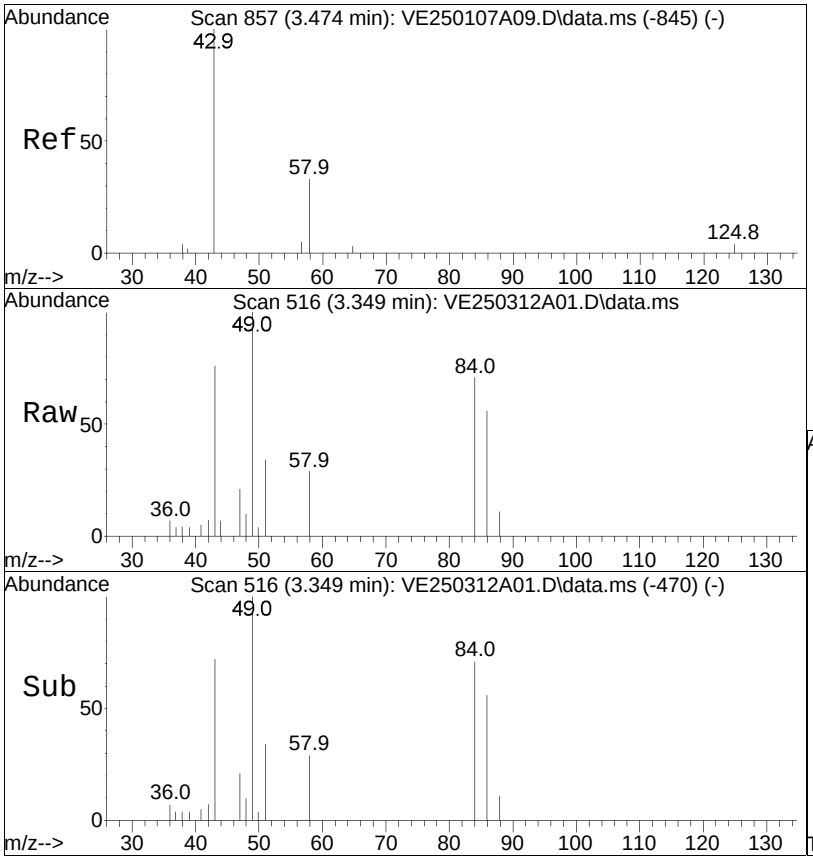


#15
Methylene chloride
Concen: 9.93 ug/L
RT: 3.309 min Scan# 507
Delta R.T. -0.000 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 84 Resp: 69640

Ion	Ratio	Lower	Upper
84	100		
86	65.3	42.1	87.3
49	129.5	79.9	165.9

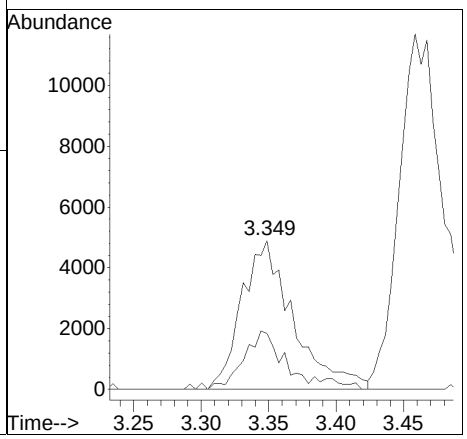


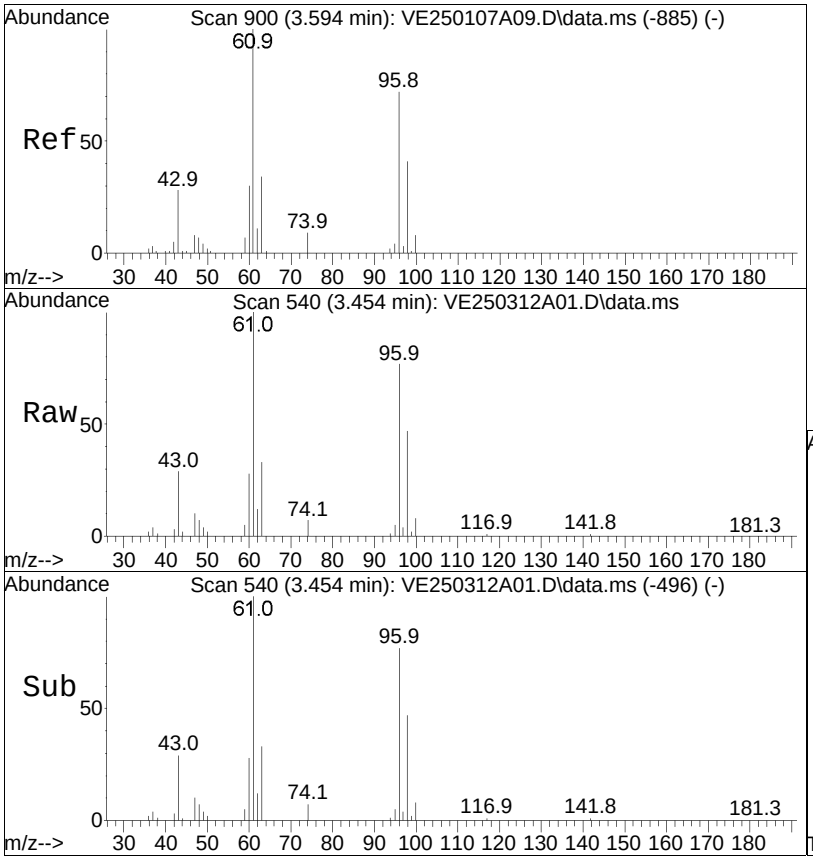


#17
Acetone
Concen: 10.97 ug/L
RT: 3.349 min Scan# 516
Delta R.T. 0.000 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 43 Resp: 13063

Ion	Ratio	Lower	Upper
43	100		
58	33.6	26.6	40.0

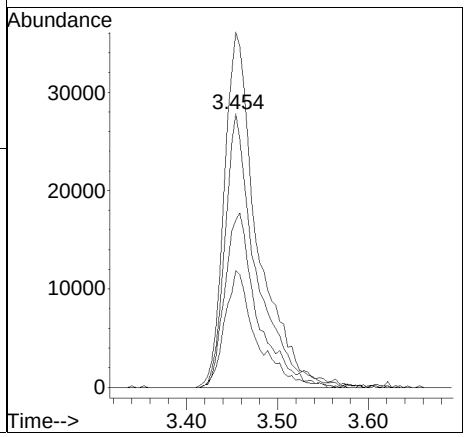


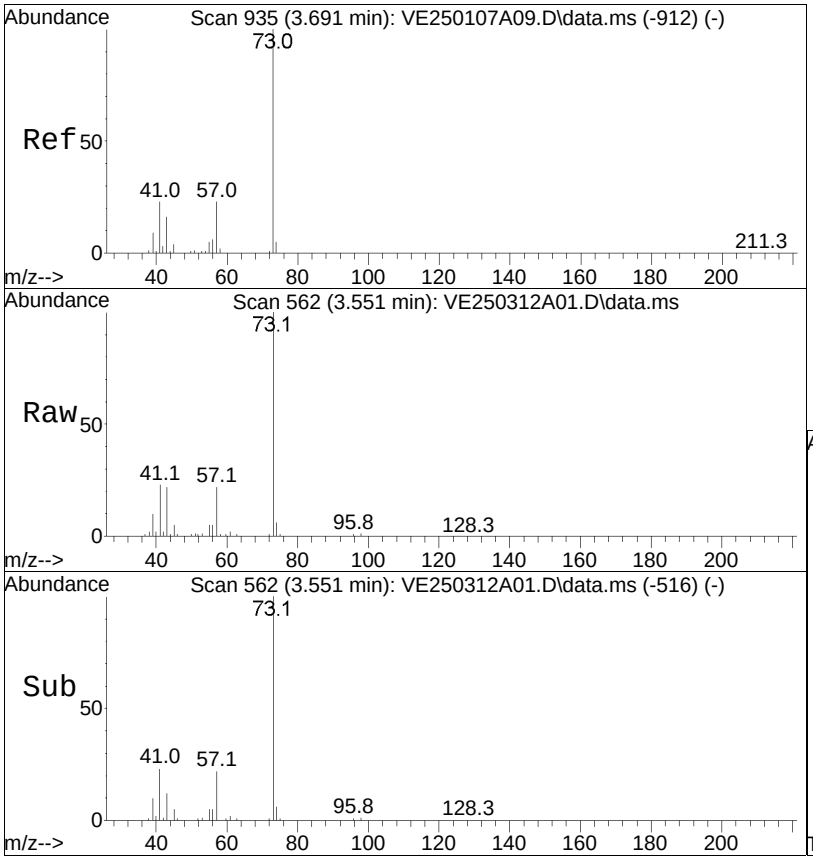


#18
trans-1,2-Dichloroethene
Concen: 10.27 ug/L
RT: 3.454 min Scan# 540
Delta R.T. -0.009 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 96 Resp: 67314

Ion	Ratio	Lower	Upper
96	100		
61	136.7	84.8	176.2
98	66.0	42.0	87.2
63	43.1	26.4	54.8

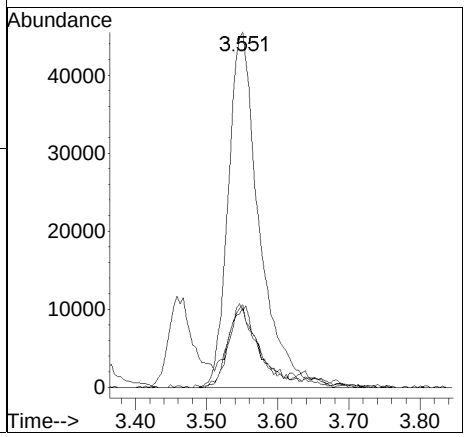


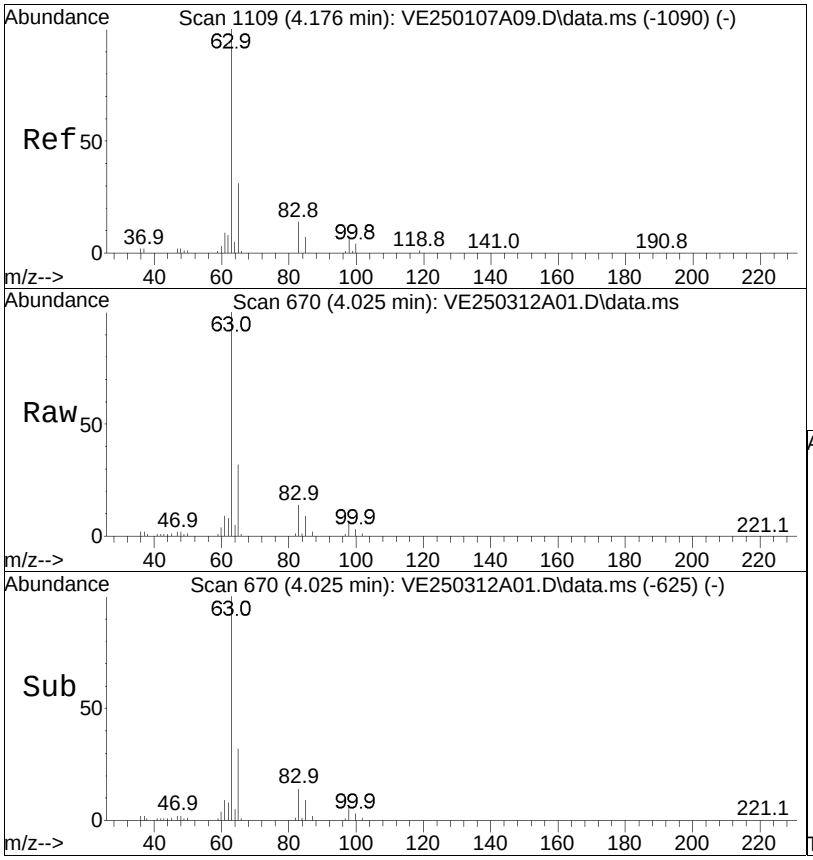


#21
Methyl tert-butyl ether
Concen: 8.97 ug/L
RT: 3.551 min Scan# 562
Delta R.T. 0.001 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 73 Resp: 138635

Ion	Ratio	Lower	Upper
73	100		
57	24.2	15.2	31.6
43	22.8	0.0	0.0#
41	26.7	14.4	30.0

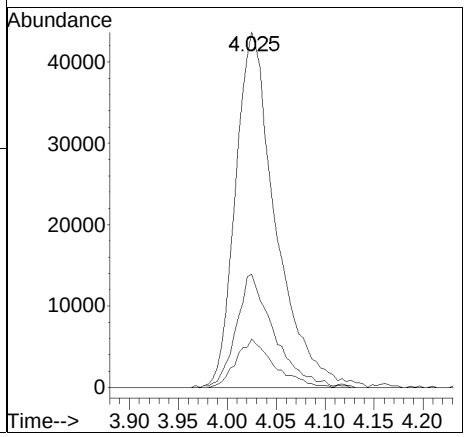


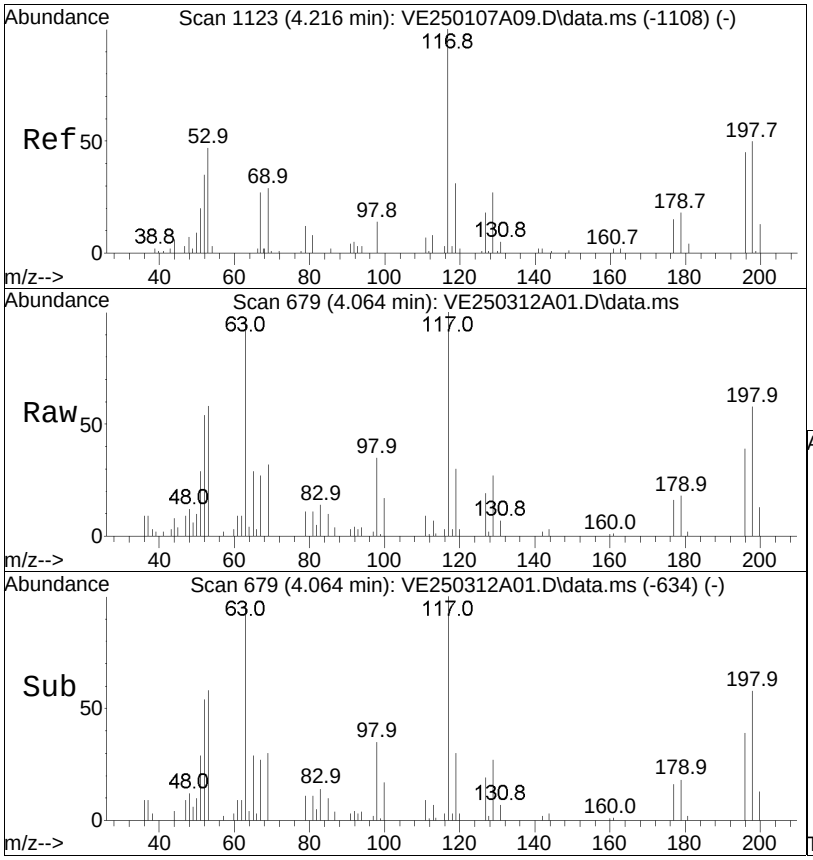


#25
1,1-Dichloroethane
Concen: 10.28 ug/L
RT: 4.025 min Scan# 670
Delta R.T. -0.004 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 63 Resp: 124618

Ion	Ratio	Lower	Upper
63	100		
65	30.1	11.7	51.7
83	12.9	0.0	33.3

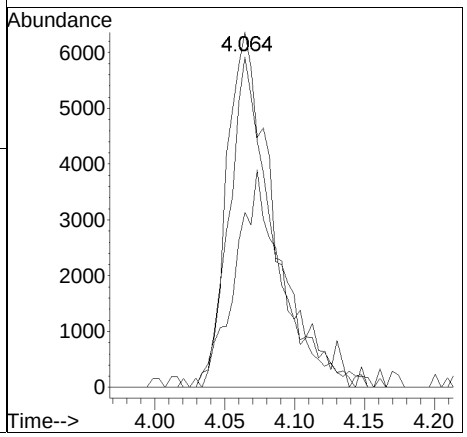


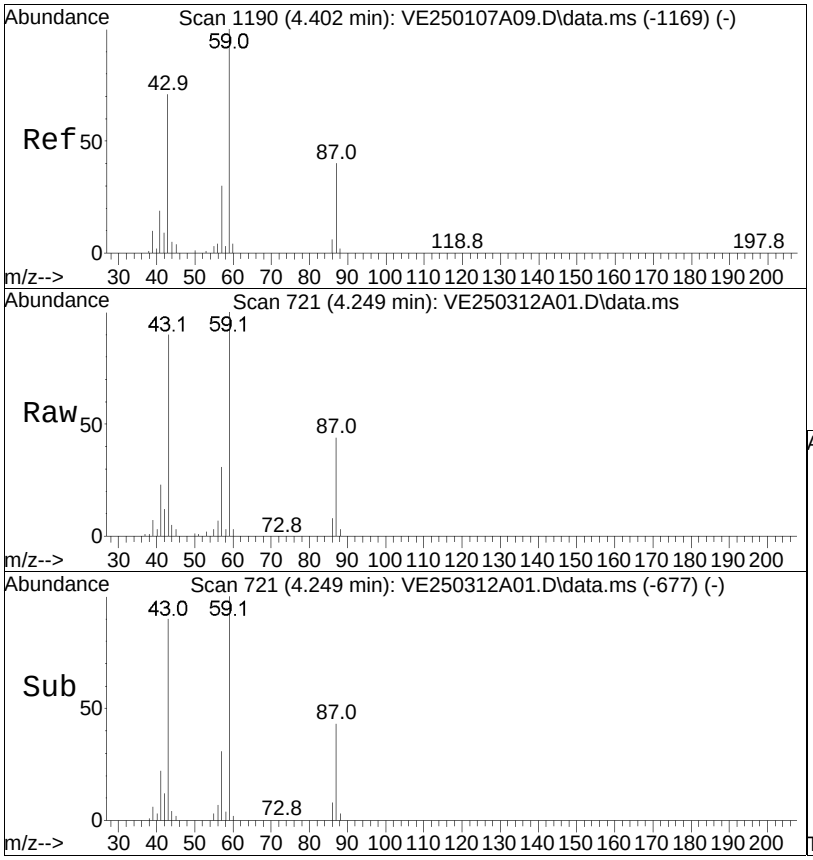


#27
Acrylonitrile
Concen: 9.96 ug/L
RT: 4.064 min Scan# 679
Delta R.T. -0.004 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 53 Resp: 15112

Ion	Ratio	Lower	Upper
53	100		
52	88.1	63.5	95.3
51	61.4	46.7	70.1

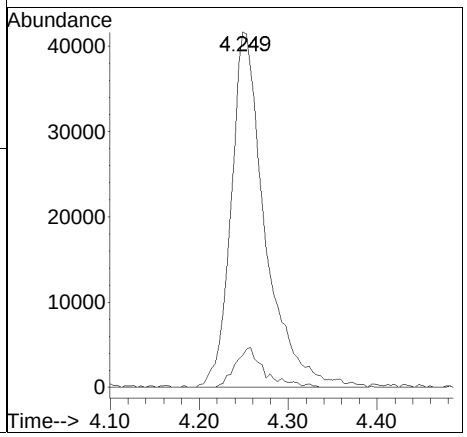


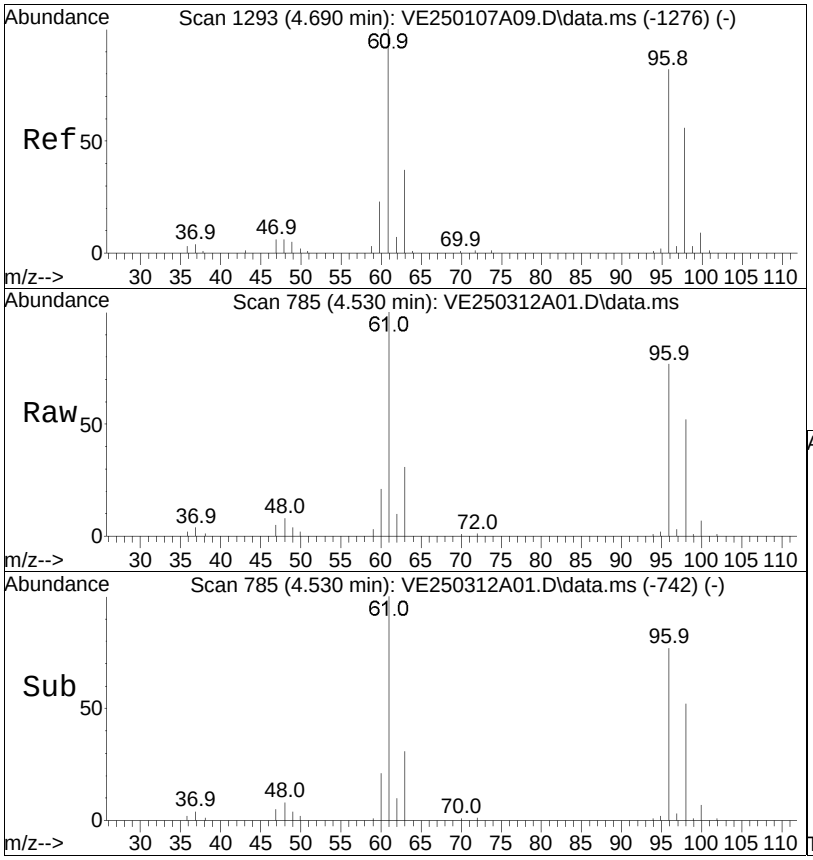


#29
Vinyl acetate
Concen: 9.22 ug/L
RT: 4.249 min Scan# 721
Delta R.T. -0.006 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 43 Resp: 110991

Ion	Ratio	Lower	Upper
43	100		
86	9.7	7.4	11.2

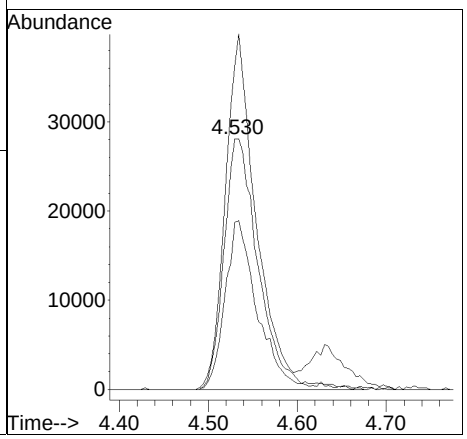


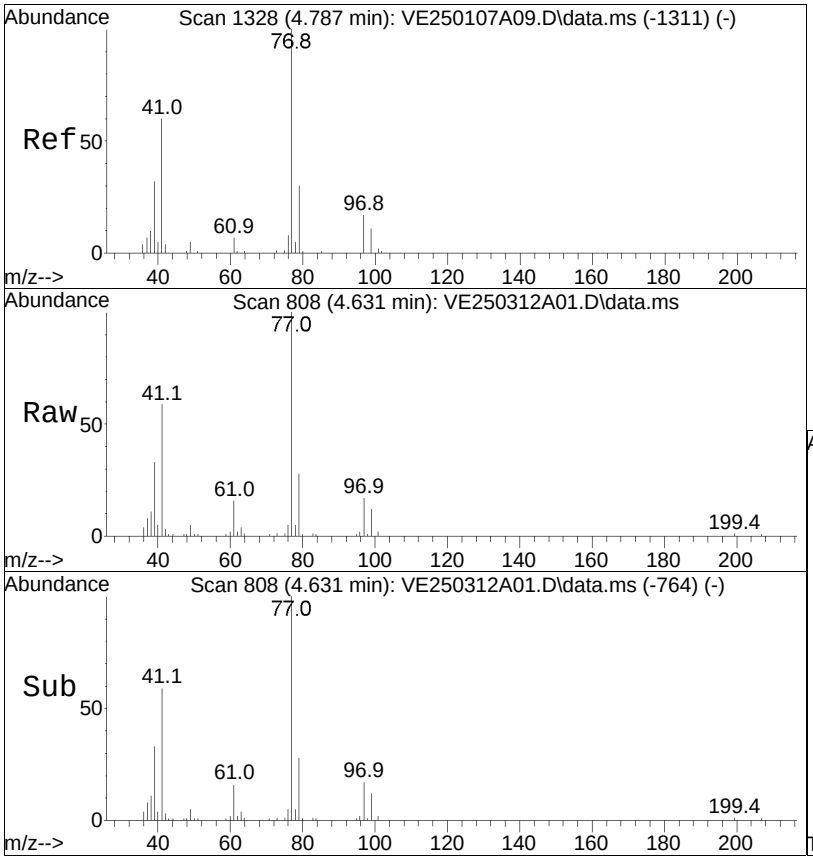


#30
cis-1,2-Dichloroethene
Concen: 9.94 ug/L
RT: 4.530 min Scan# 785
Delta R.T. -0.009 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 96 Resp: 75924

Ion	Ratio	Lower	Upper
96	100		
61	144.1	111.0	166.6
98	64.0	50.3	75.5

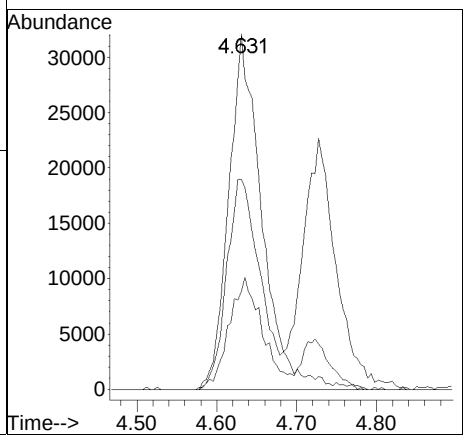


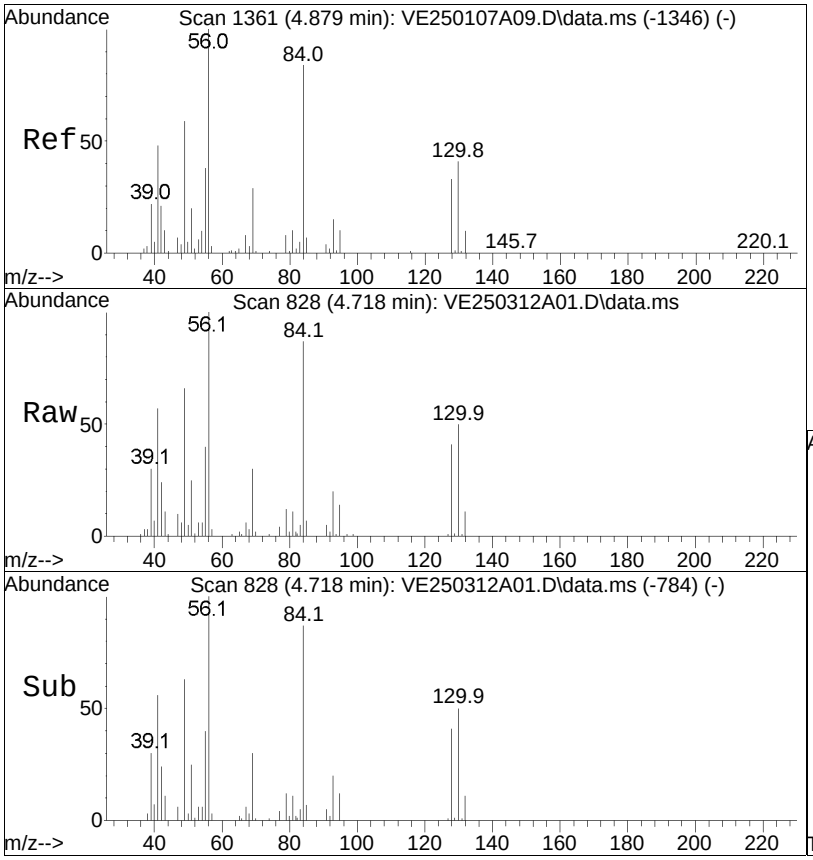


#31
2,2-Dichloropropane
Concen: 9.23 ug/L
RT: 4.631 min Scan# 808
Delta R.T. -0.006 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 77 Resp: 92727

Ion	Ratio	Lower	Upper
77	100		
41	64.1	0.0	0.0#
79	32.3	20.5	42.5

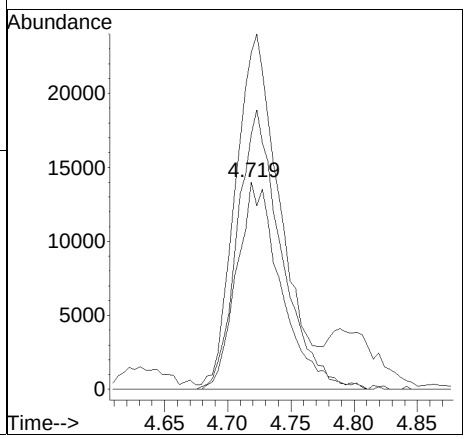


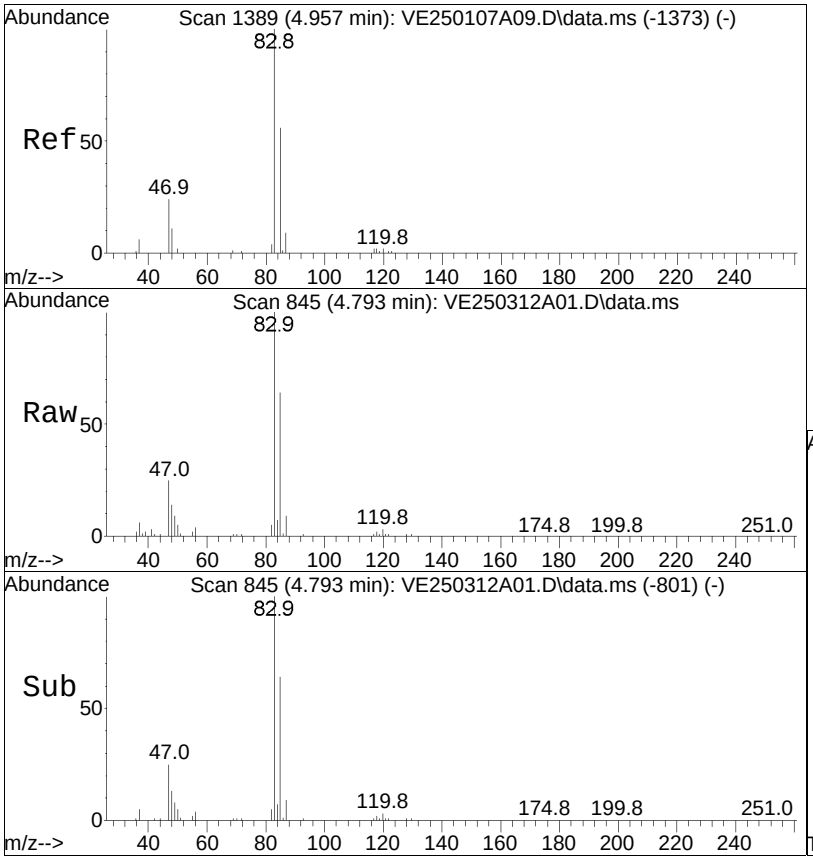


#33
Bromochloromethane
Concen: 9.90 ug/L
RT: 4.718 min Scan# 828
Delta R.T. -0.008 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:128 Resp: 34497

Ion	Ratio	Lower	Upper
128	100		
49	201.3	152.6	228.8
130	133.1	101.8	152.6

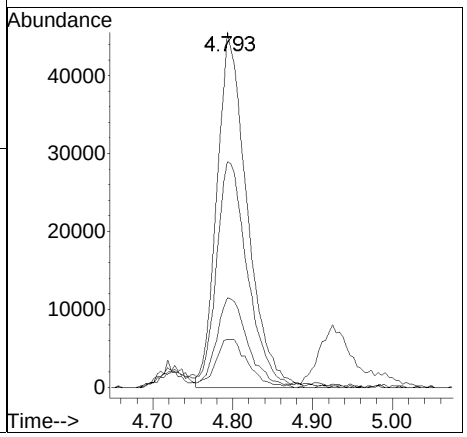


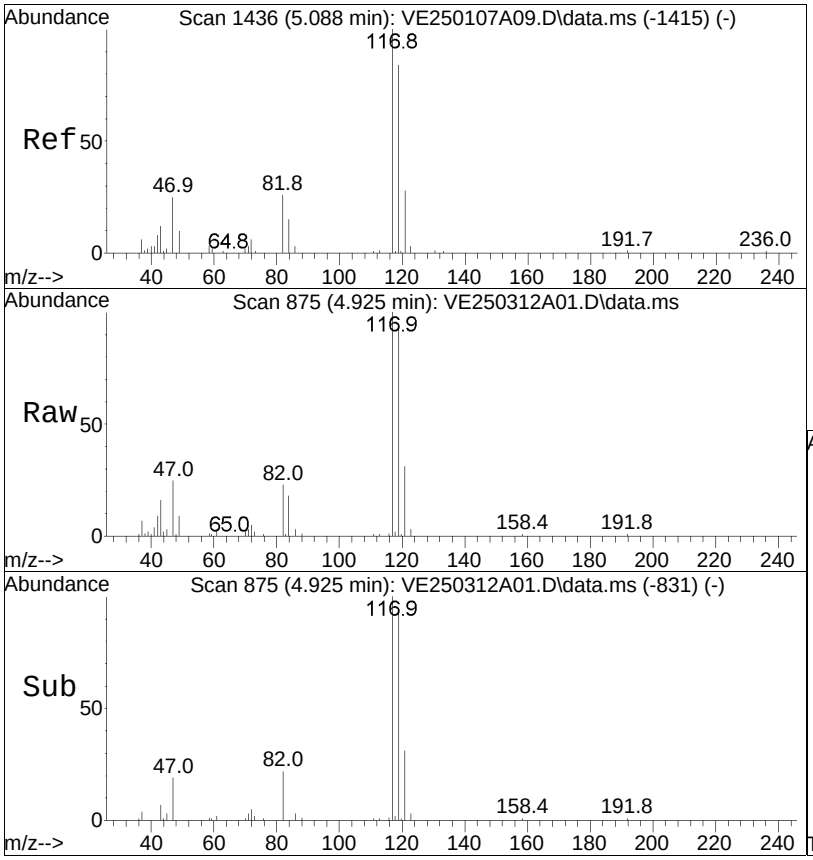


#35
Chloroform
Concen: 10.11 ug/L
RT: 4.793 min Scan# 845
Delta R.T. -0.008 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 83 Resp: 121327

Ion	Ratio	Lower	Upper
83	100		
85	65.2	42.5	88.3
47	24.1	16.8	35.0
48	13.8	9.2	19.2

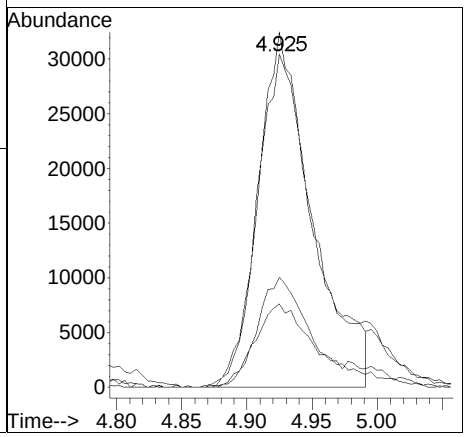


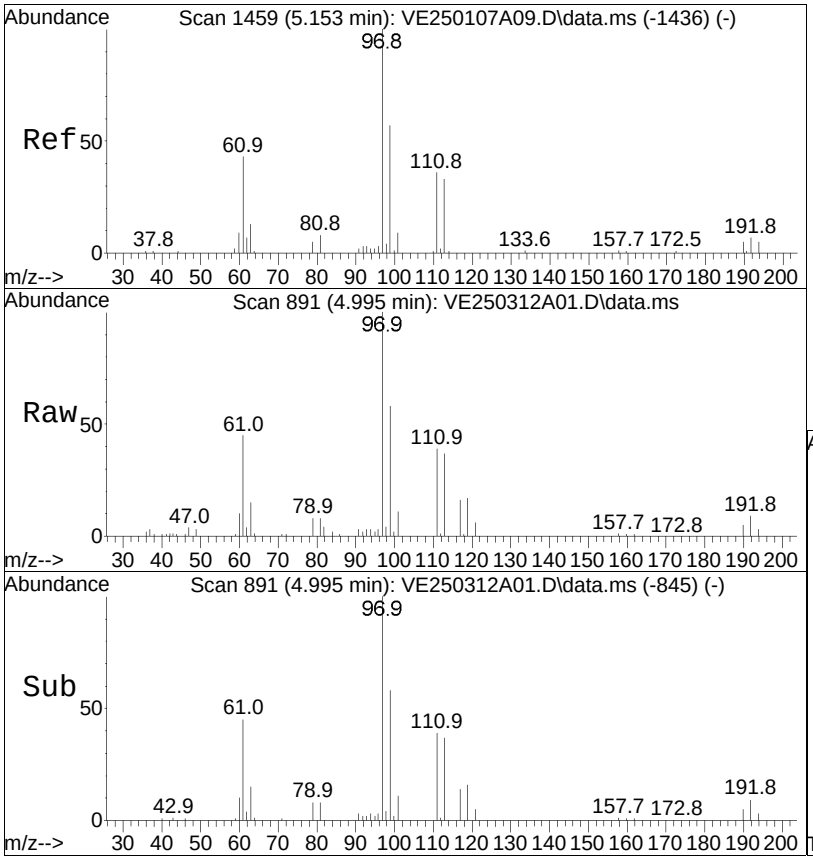


#37
Carbon tetrachloride
Concen: 10.62 ug/L M6
RT: 4.925 min Scan# 875
Delta R.T. -0.005 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:117 Resp: 94347

Ion	Ratio	Lower	Upper
117	100		
119	106.1	70.2	145.8
121	34.5	22.9	47.7
82	27.8	19.7	40.9

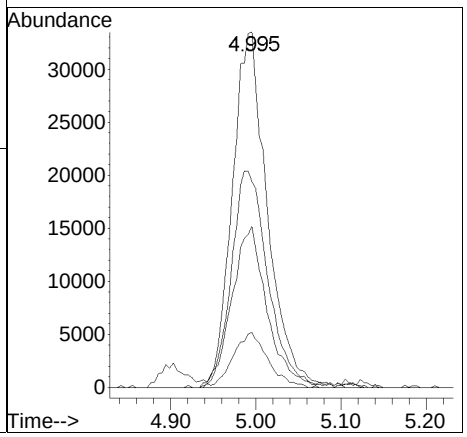


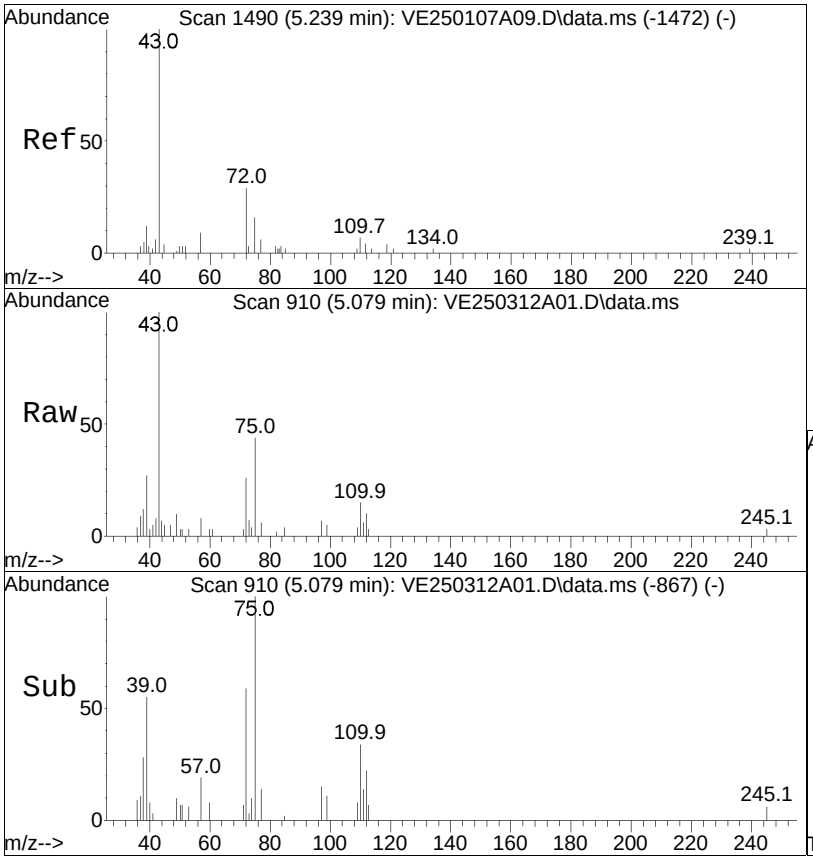


#40
1,1,1-Trichloroethane
Concen: 9.77 ug/L
RT: 4.995 min Scan# 891
Delta R.T. 0.001 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 97 Resp: 96415

Ion	Ratio	Lower	Upper
97	100		
99	63.2	42.4	88.2
61	46.0	29.0	60.2
63	15.3	9.4	19.6

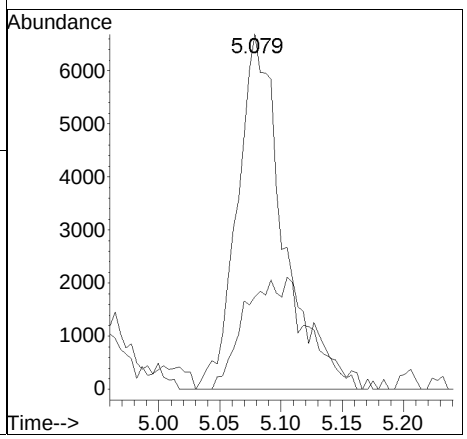


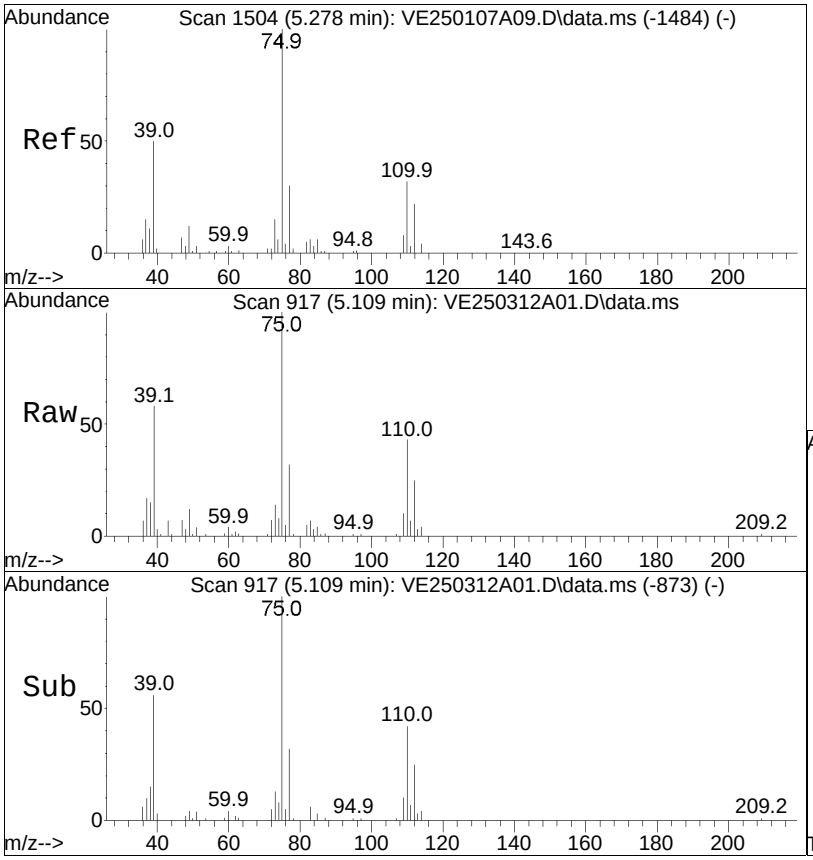


#42
2-Butanone
Concen: 10.65 ug/L
RT: 5.079 min Scan# 910
Delta R.T. -0.010 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 43 Resp: 17678

Ion	Ratio	Lower	Upper
43	100		
72	43.2	44.9	67.3#

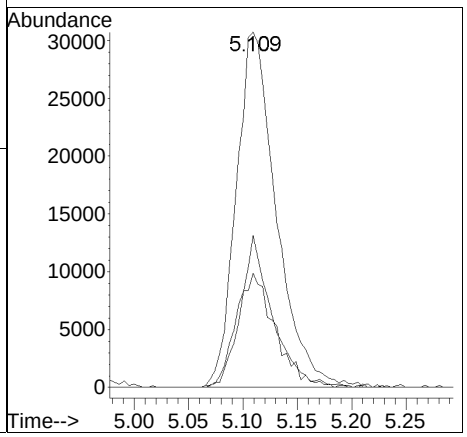


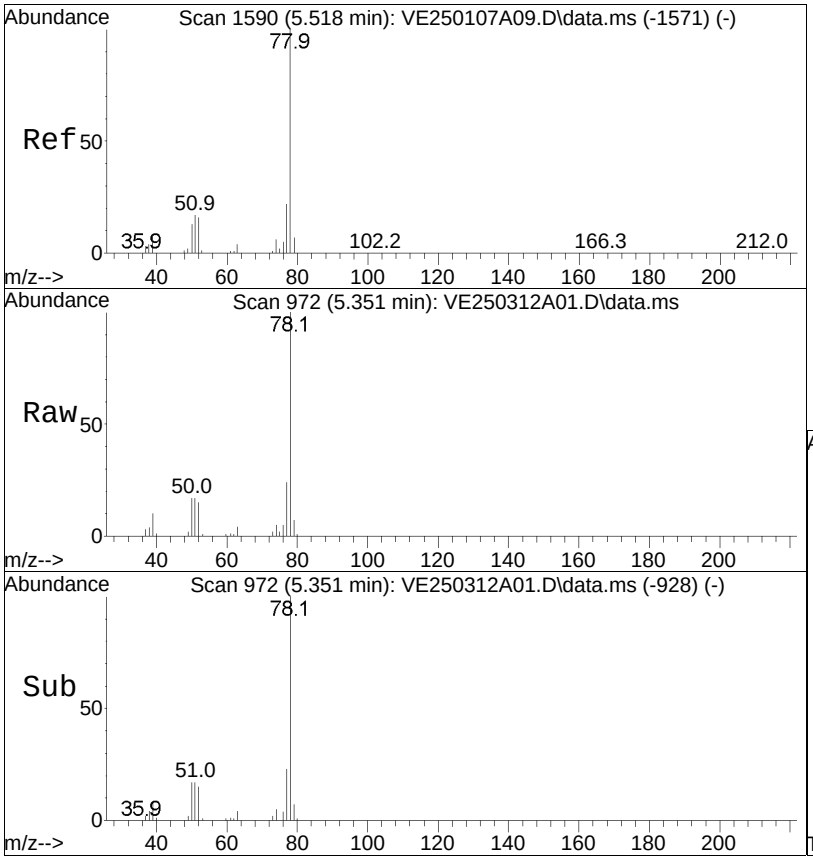


#43
1,1-Dichloropropene
Concen: 9.85 ug/L
RT: 5.109 min Scan# 917
Delta R.T. -0.007 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 75 Resp: 79016

Ion	Ratio	Lower	Upper
75	100		
110	35.8	23.5	48.7
77	30.0	20.1	41.7

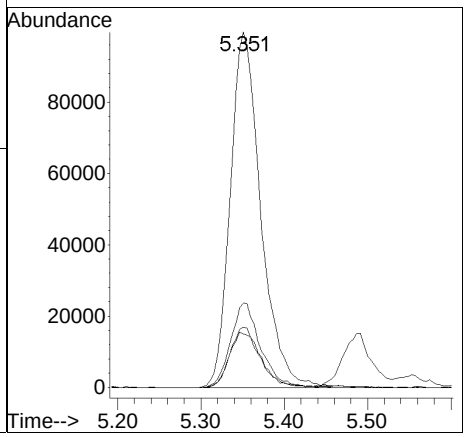


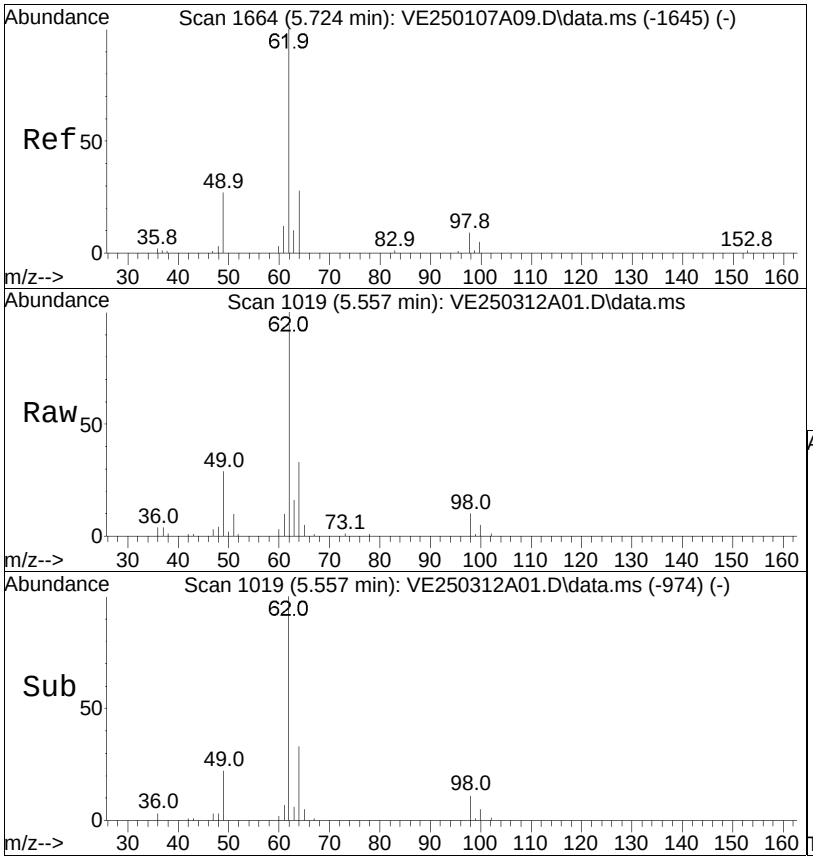


#45
Benzene
Concen: 9.62 ug/L
RT: 5.351 min Scan# 972
Delta R.T. -0.008 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 78 Resp: 254204

Ion	Ratio	Lower	Upper
78	100		
77	23.3	15.3	31.9
51	16.9	10.9	22.5
52	15.9	9.6	19.8

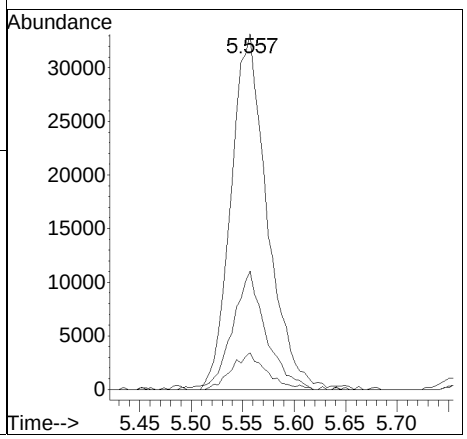


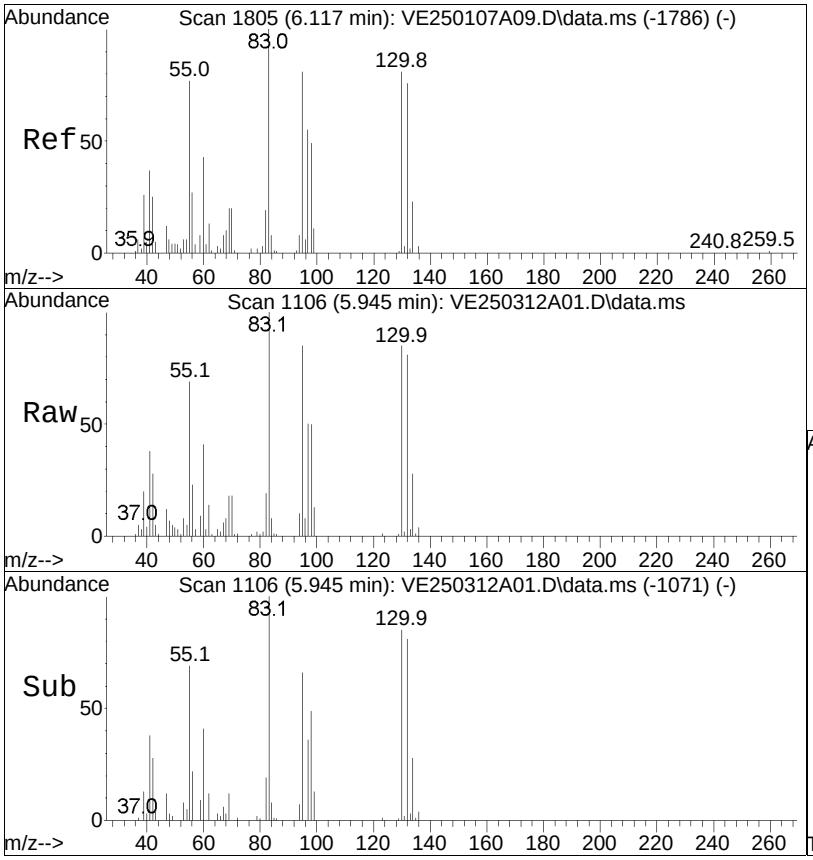


#48
1,2-Dichloroethane
Concen: 9.76 ug/L
RT: 5.557 min Scan# 1019
Delta R.T. -0.003 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 62 Resp: 81410

Ion	Ratio	Lower	Upper
62	100		
64	30.5	13.2	53.2
98	9.8	0.0	29.9

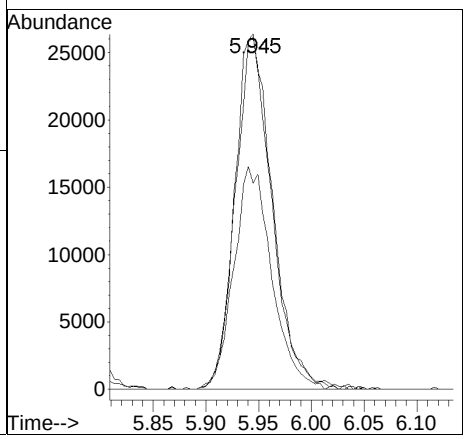


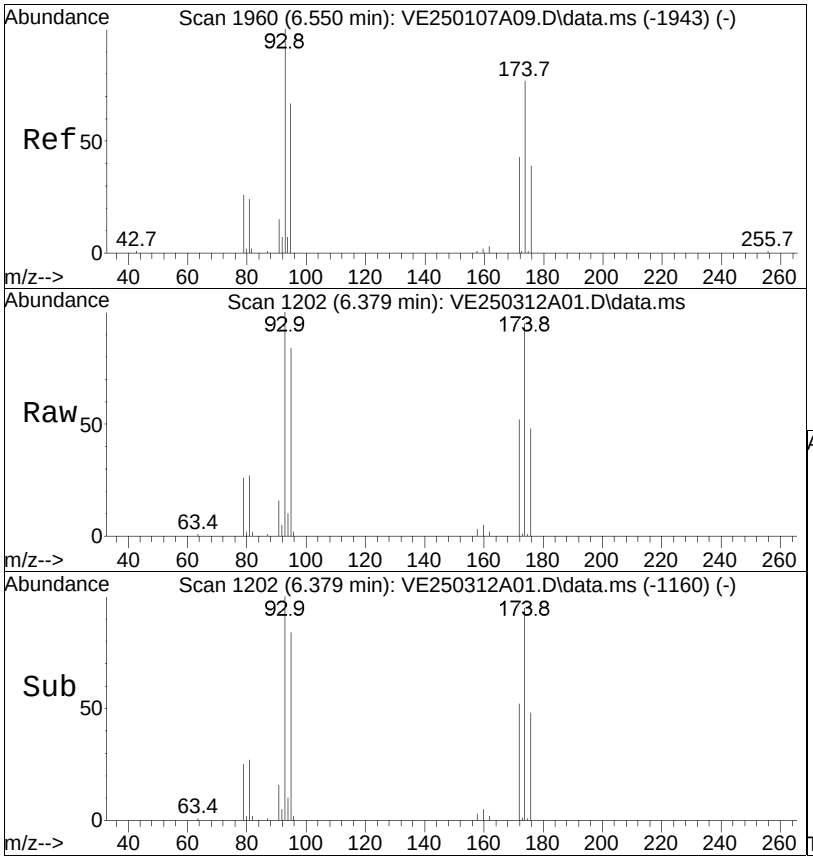


#52
Trichloroethene
Concen: 9.87 ug/L
RT: 5.945 min Scan# 1106
Delta R.T. -0.003 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 95 Resp: 63286

Ion	Ratio	Lower	Upper
95	100		
97	65.8	54.3	81.5
130	103.6	82.5	123.7

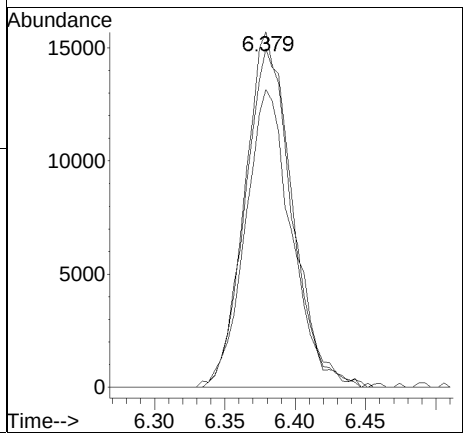


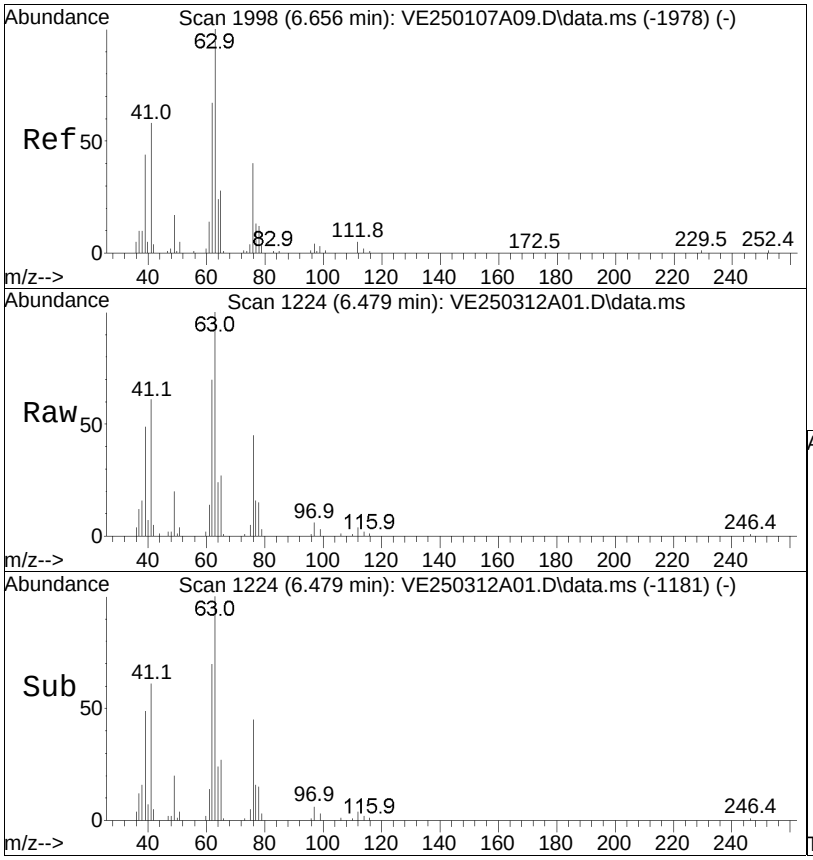


#54
Dibromomethane
Concen: 8.95 ug/L
RT: 6.379 min Scan# 1202
Delta R.T. -0.009 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 93 Resp: 35905

Ion	Ratio	Lower	Upper
93	100		
95	83.8	65.8	98.8
174	99.8	75.9	113.9

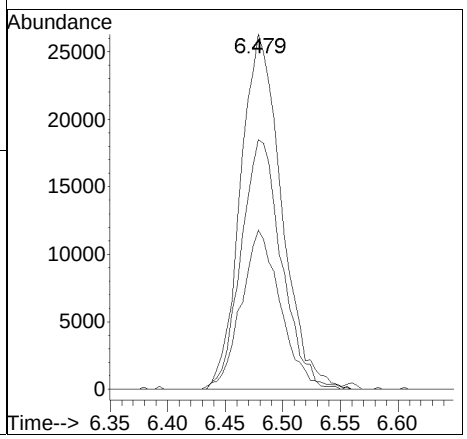


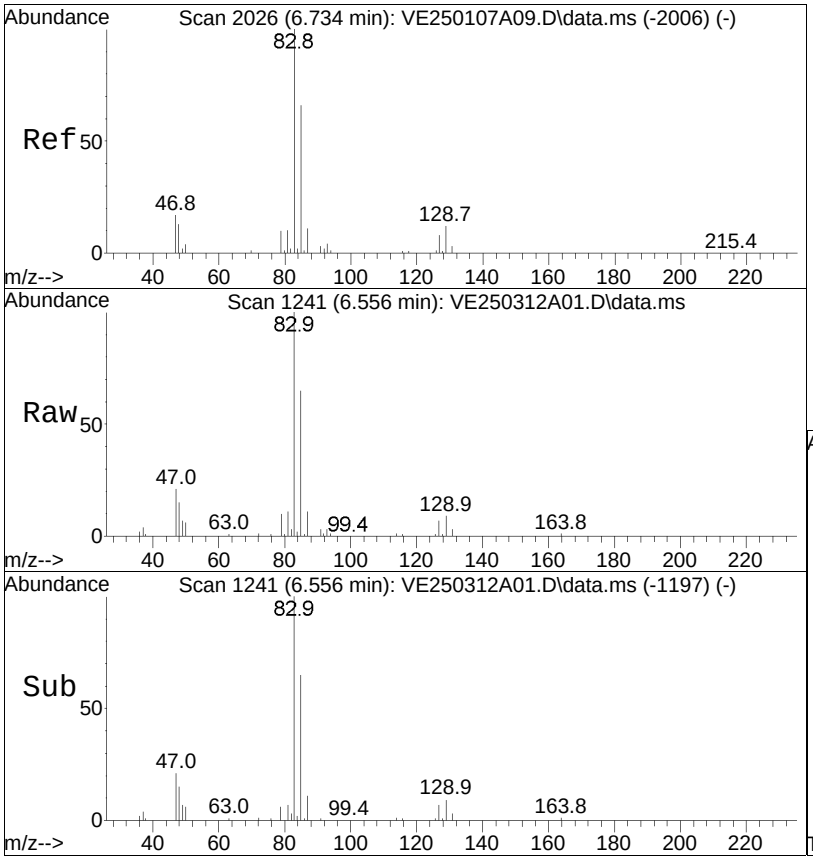


#55
1,2-Dichloropropane
Concen: 10.57 ug/L
RT: 6.479 min Scan# 1224
Delta R.T. -0.007 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 63 Resp: 65703

Ion	Ratio	Lower	Upper
63	100		
62	69.0	56.2	84.4
76	42.6	34.8	52.2

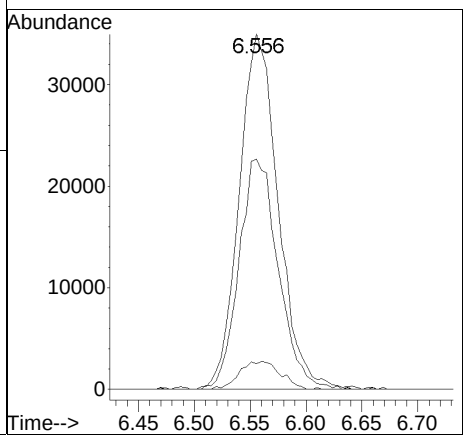


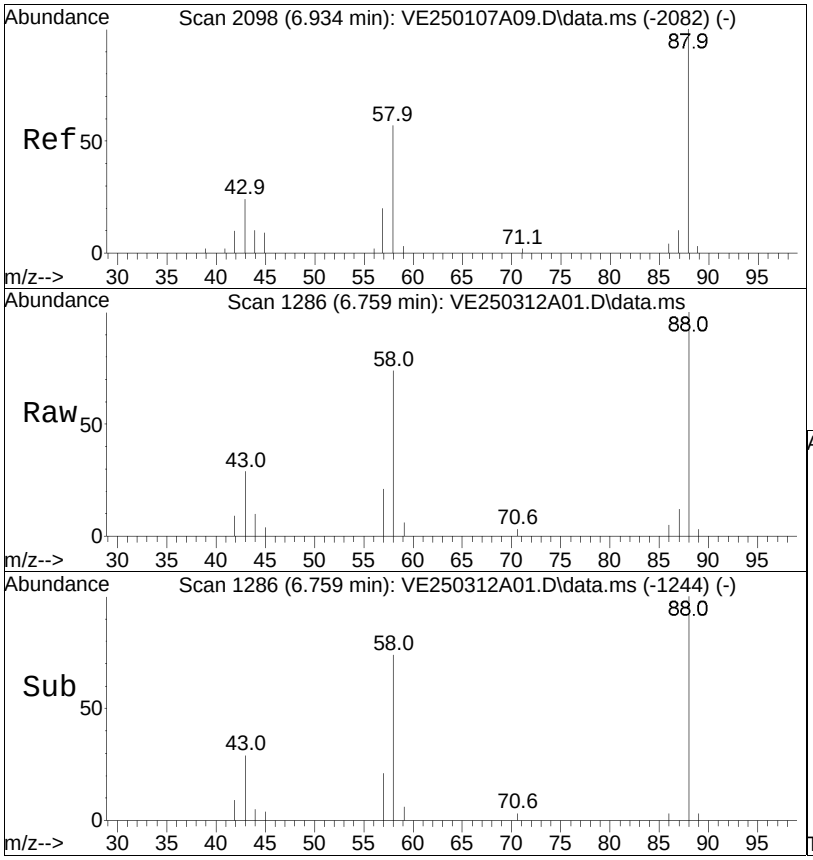


#58
Bromodichloromethane
Concen: 9.54 ug/L
RT: 6.556 min Scan# 1241
Delta R.T. -0.003 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 83 Resp: 85191

Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.0	76.6
127	8.3	7.0	10.4

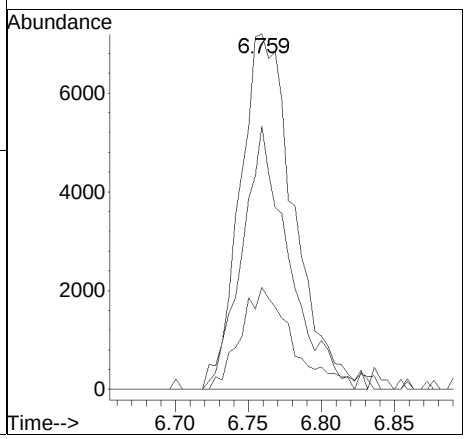


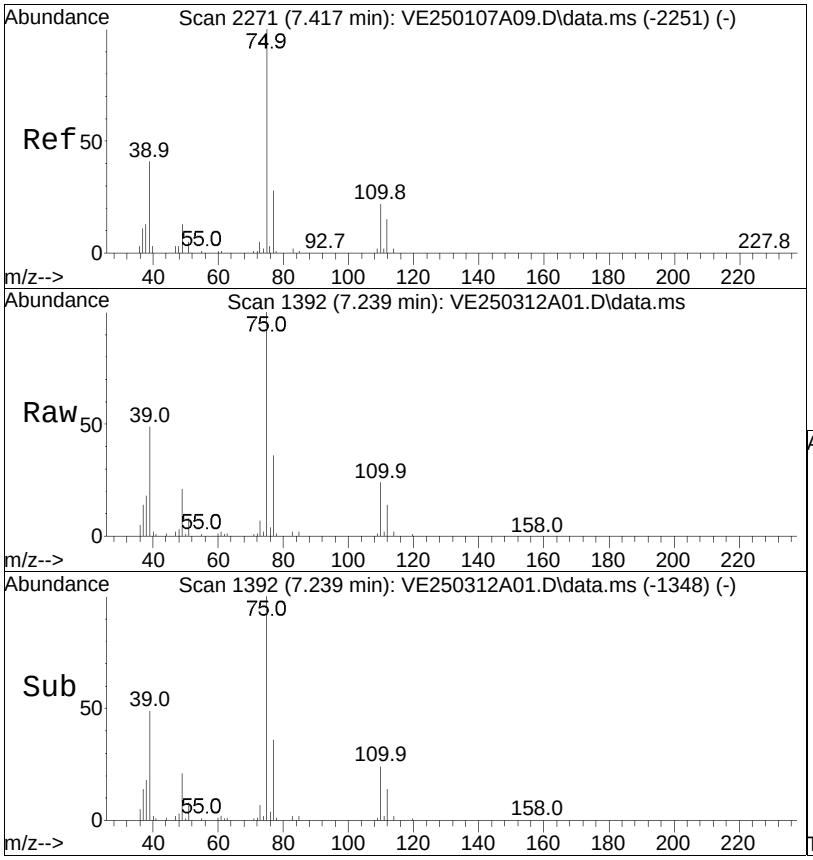


#61
1,4-Dioxane
Concen: 578.19 ug/L
RT: 6.759 min Scan# 1286
Delta R.T. -0.008 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 88 Resp: 18520

Ion	Ratio	Lower	Upper
88	100		
58	65.7	49.4	74.0
43	27.5	20.9	31.3

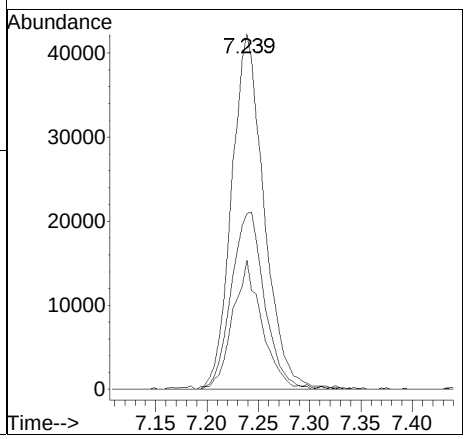


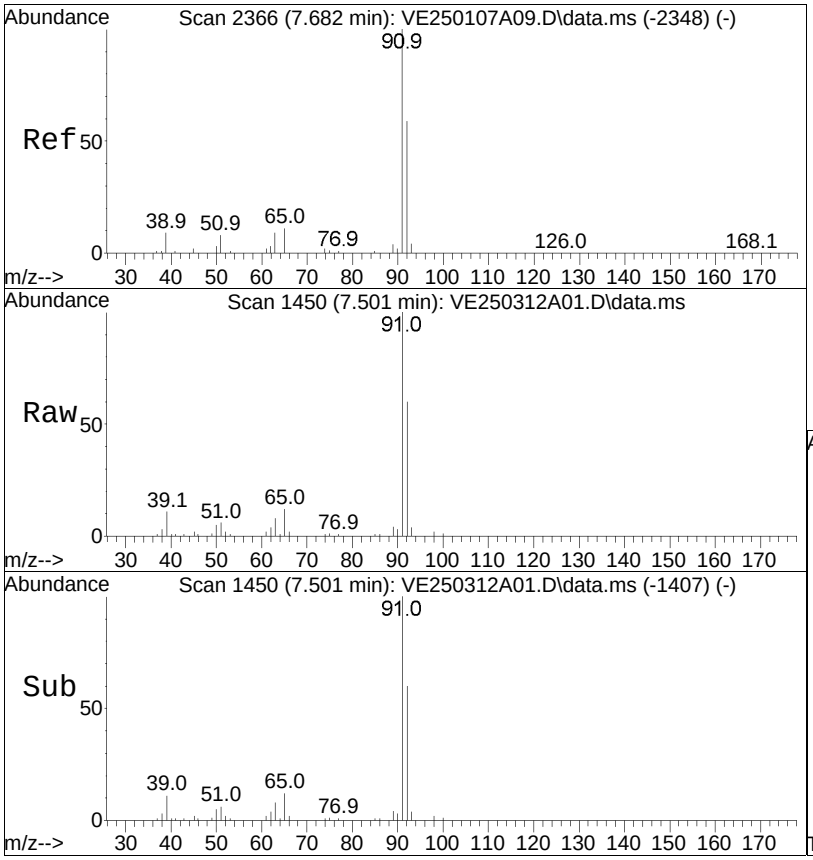


#62
cis-1,3-Dichloropropene
Concen: 9.62 ug/L
RT: 7.239 min Scan# 1392
Delta R.T. -0.002 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 75 Resp: 93047

Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.0	37.4
39	51.6	42.9	64.3

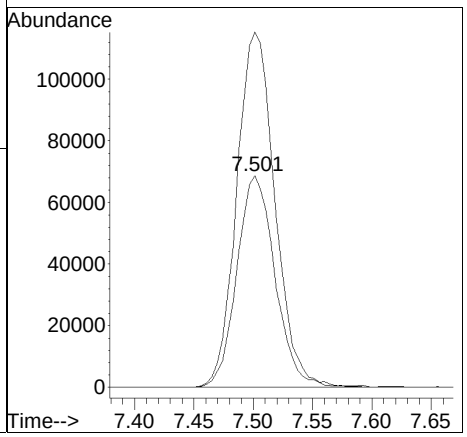


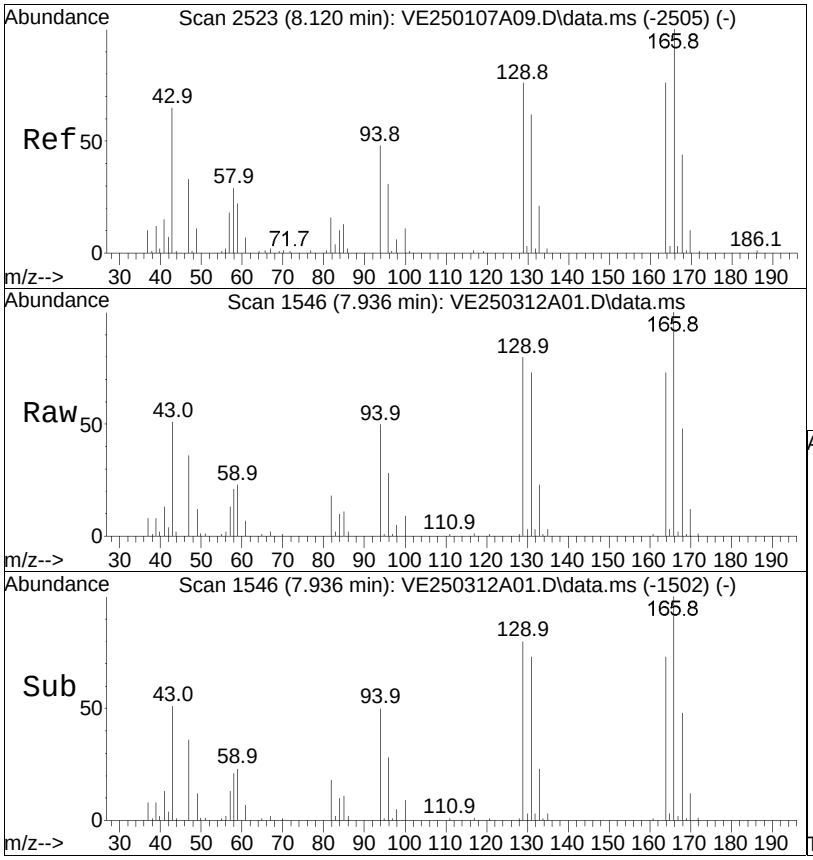


#65
Toluene
Concen: 9.22 ug/L
RT: 7.501 min Scan# 1450
Delta R.T. -0.005 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 92 Resp: 153912

Ion	Ratio	Lower	Upper
92	100		
91	168.2	134.8	202.2

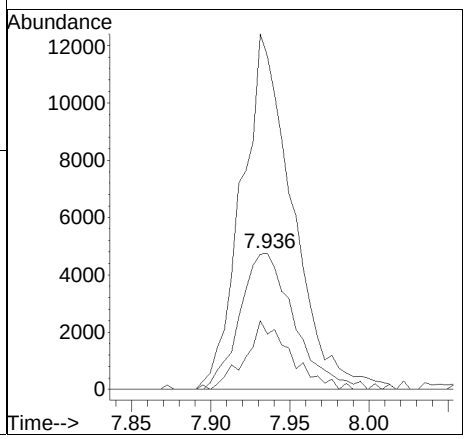


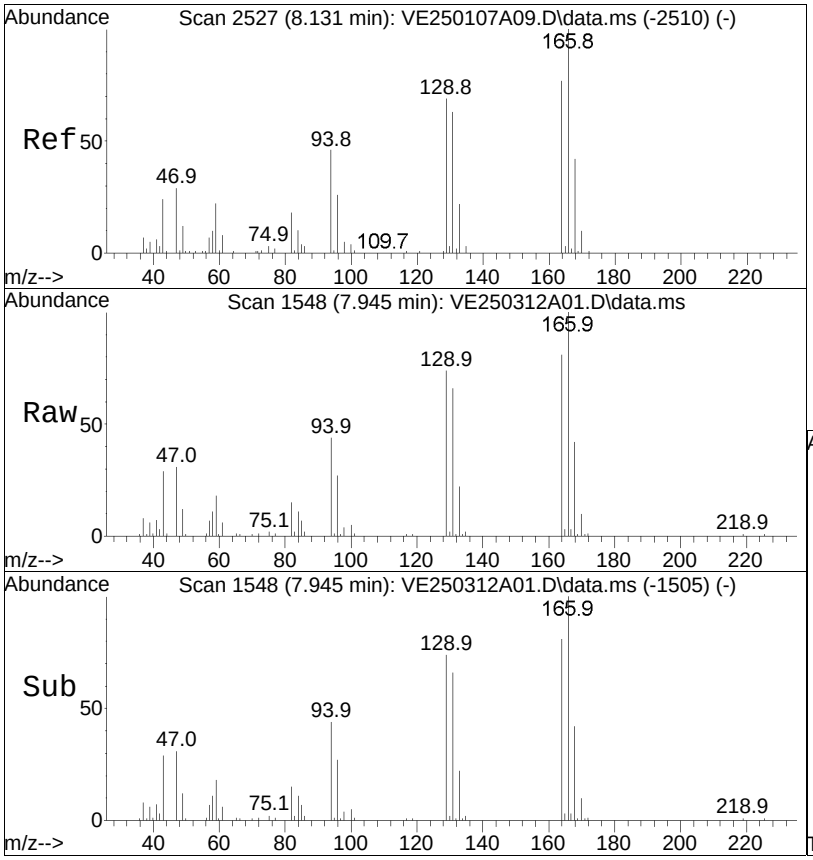


#66
4-Methyl-2-pentanone
Concen: 7.98 ug/L
RT: 7.936 min Scan# 1546
Delta R.T. -0.003 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 58 Resp: 11358

Ion	Ratio	Lower	Upper
58	100		
100	42.3	34.8	52.2
43	244.7	201.1	301.7

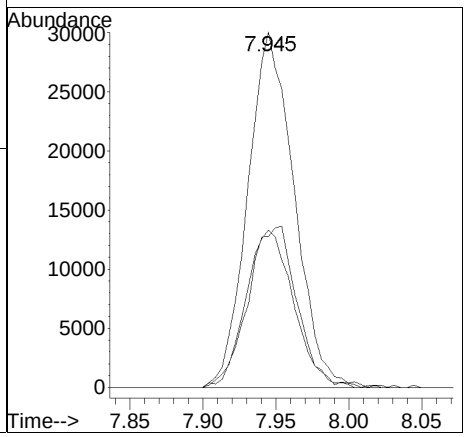


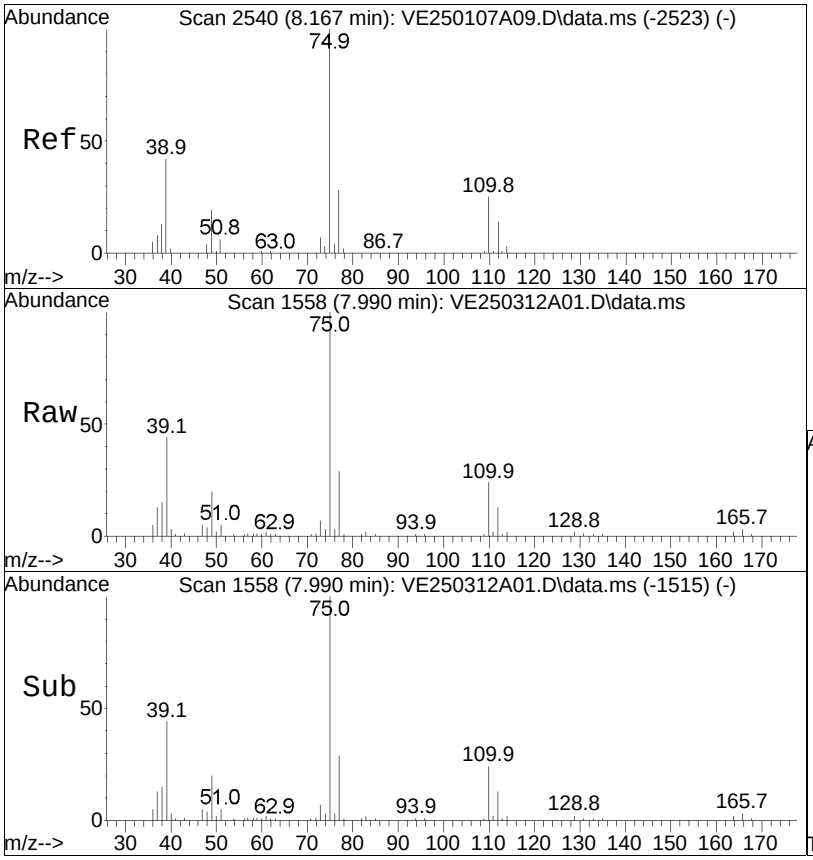


#67
Tetrachloroethene
Concen: 10.33 ug/L
RT: 7.945 min Scan# 1548
Delta R.T. -0.008 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:166 Resp: 66339

Ion	Ratio	Lower	Upper
166	100		
168	47.6	28.3	68.3
94	45.8	27.4	67.4

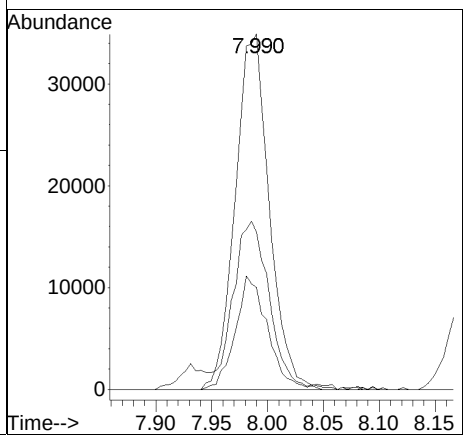


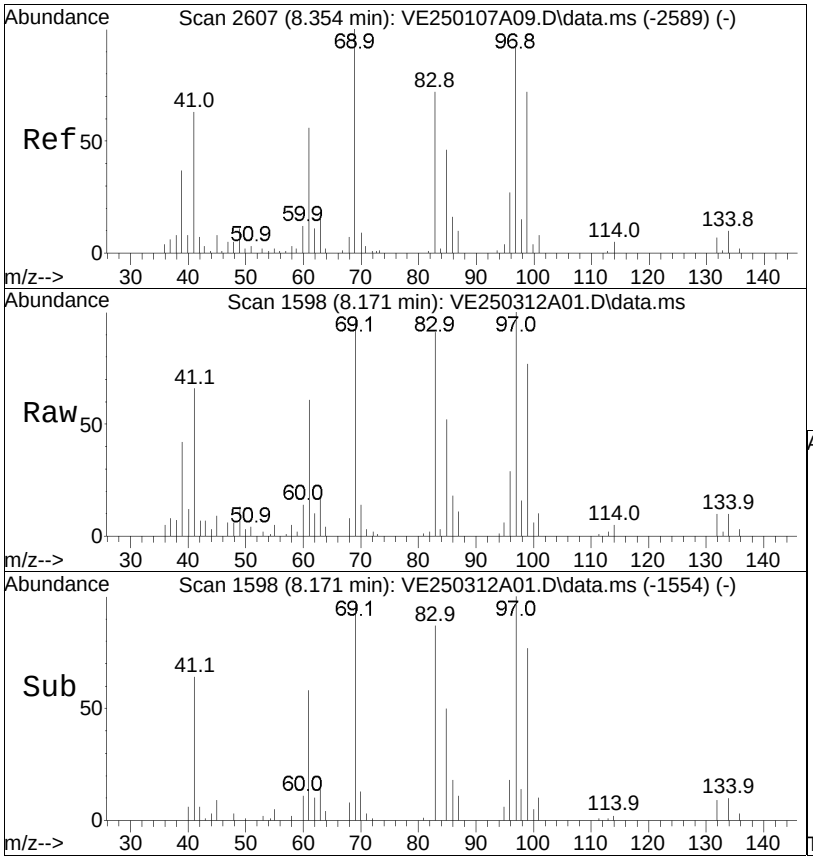


#69
trans-1,3-Dichloropropene
Concen: 9.21 ug/L
RT: 7.990 min Scan# 1558
Delta R.T. -0.004 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 75 Resp: 74325

Ion	Ratio	Lower	Upper
75	100		
77	30.0	11.5	51.5
39	49.4	29.6	69.6

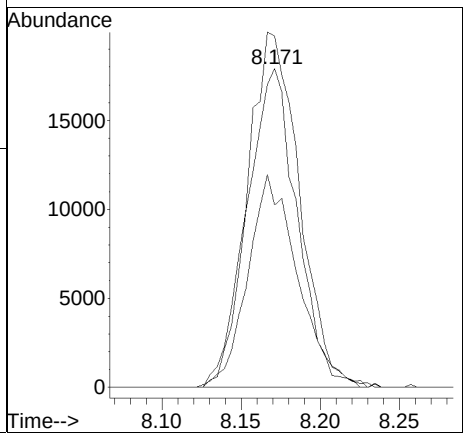


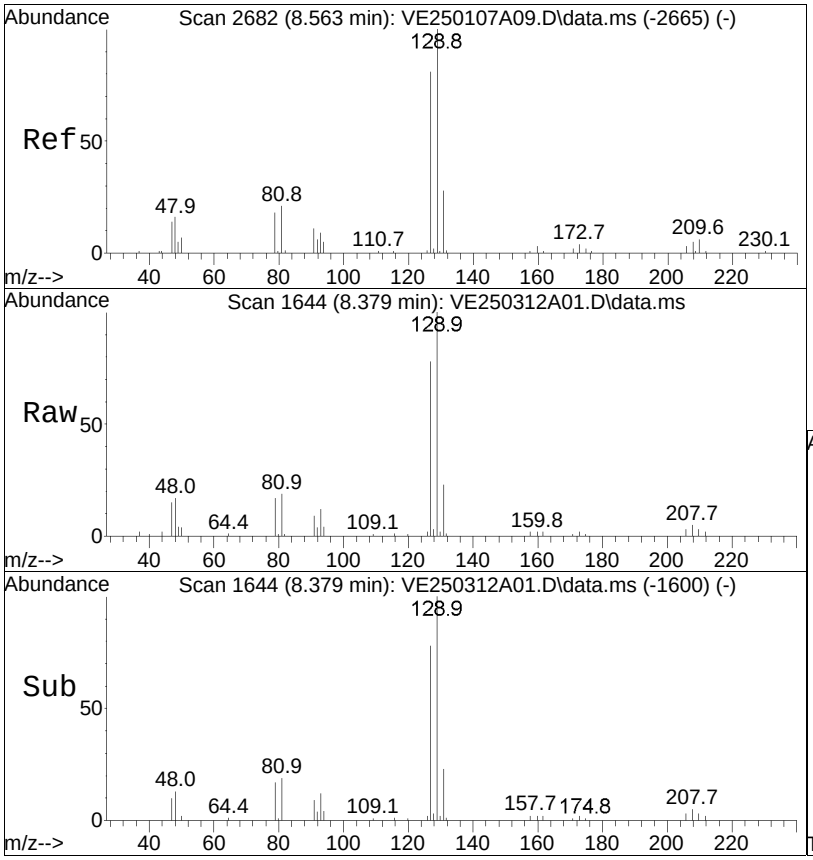


#72
1,1,2-Trichloroethane
Concen: 9.32 ug/L
RT: 8.171 min Scan# 1598
Delta R.T. -0.002 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 83 Resp: 39060

Ion	Ratio	Lower	Upper
83	100		
97	118.5	96.9	136.9
85	67.0	46.7	86.7

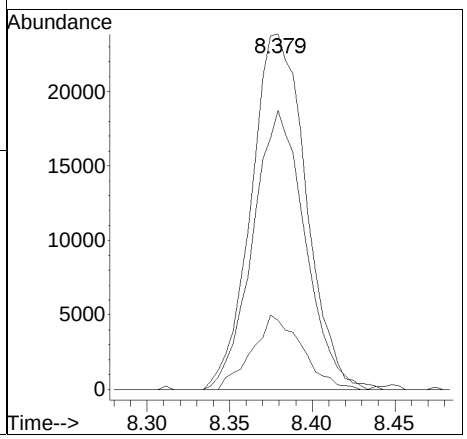


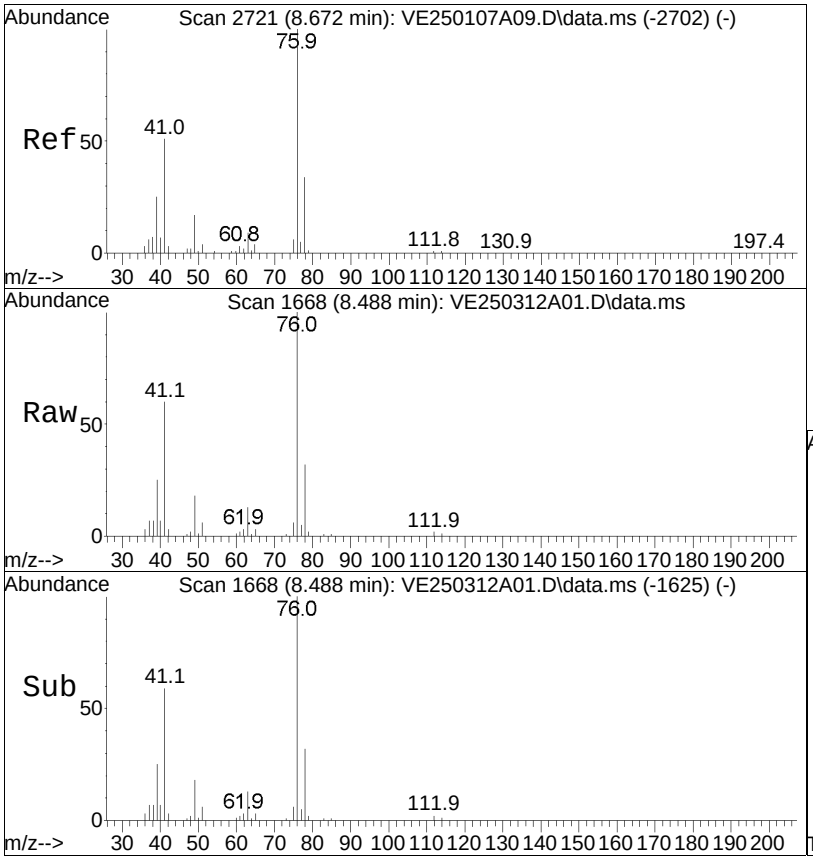


#73
Chlorodibromomethane
Concen: 9.43 ug/L
RT: 8.379 min Scan# 1644
Delta R.T. -0.003 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:129 Resp: 54980

Ion	Ratio	Lower	Upper
129	100		
81	19.0	0.9	40.9
127	75.3	56.5	96.5

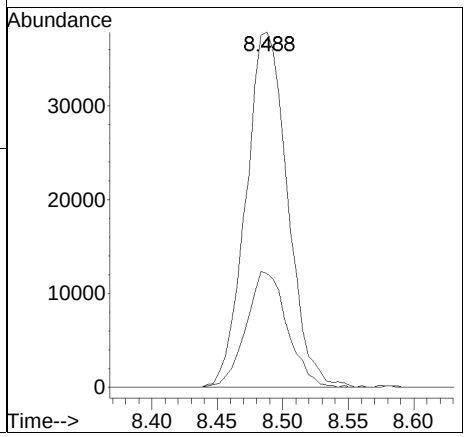


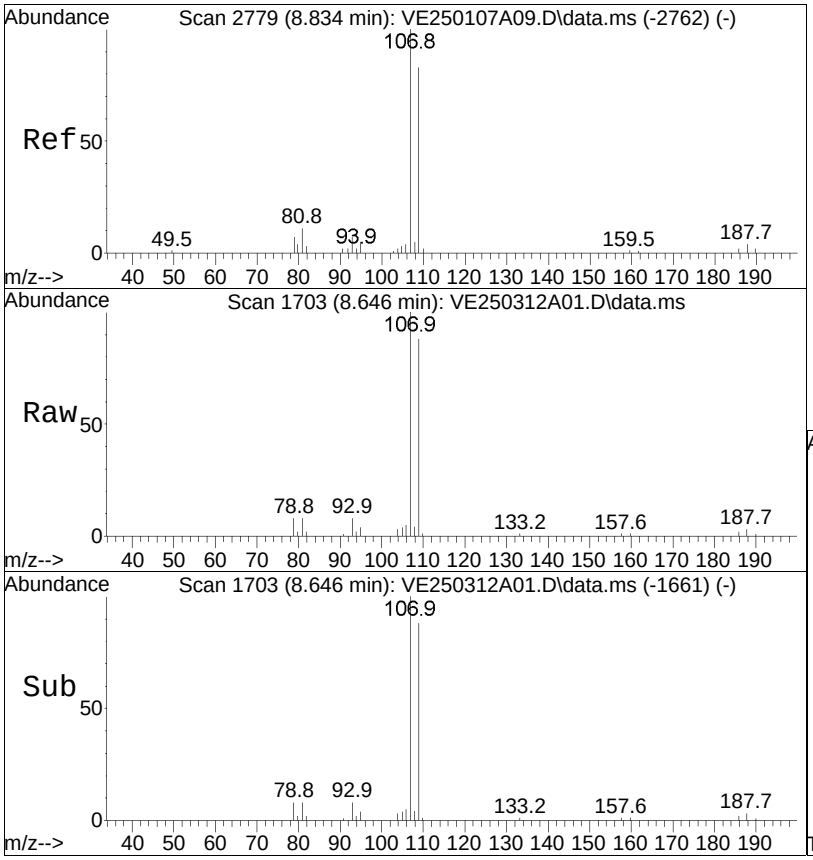


#74
1,3-Dichloropropane
Concen: 9.68 ug/L
RT: 8.488 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 76 Resp: 83844

Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

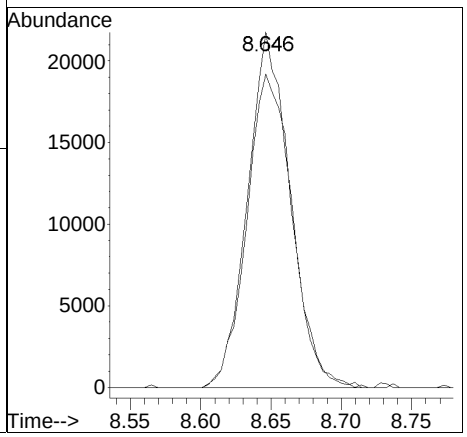


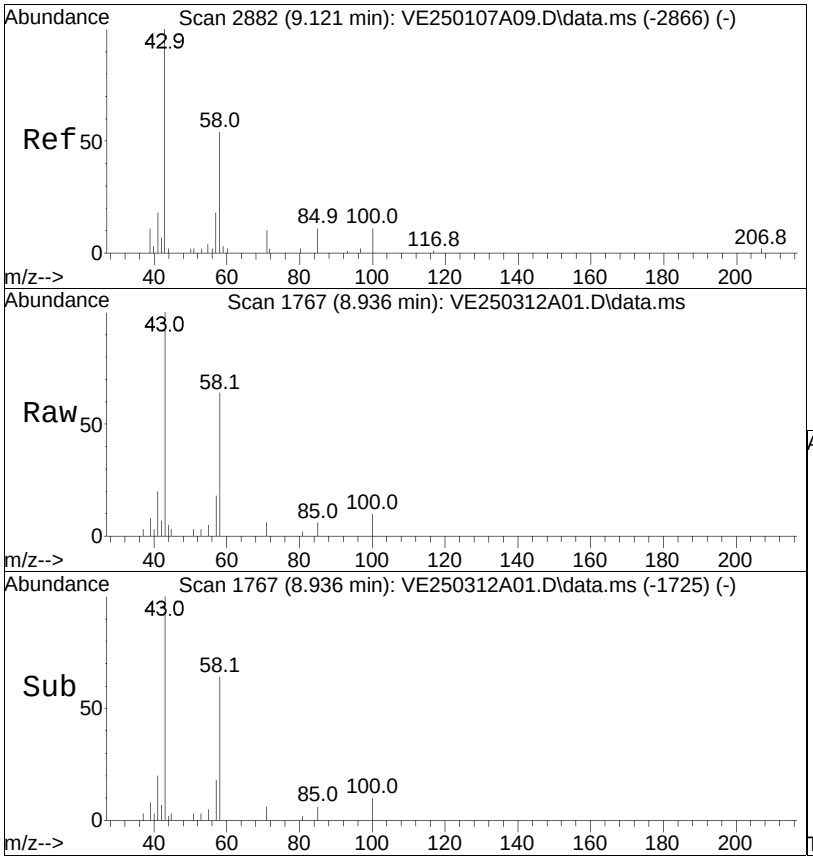


#75
1,2-Dibromoethane
Concen: 9.54 ug/L
RT: 8.646 min Scan# 1703
Delta R.T. -0.009 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:107 Resp: 45780

Ion	Ratio	Lower	Upper
107	100		
109	93.9	72.7	109.1

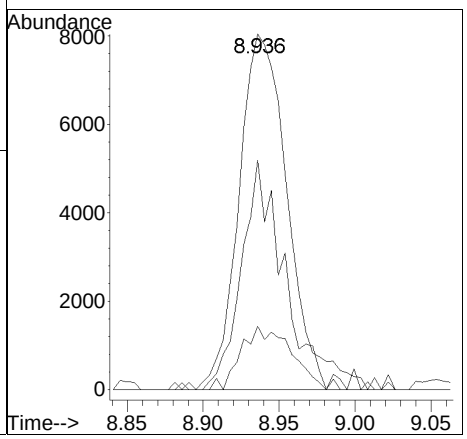


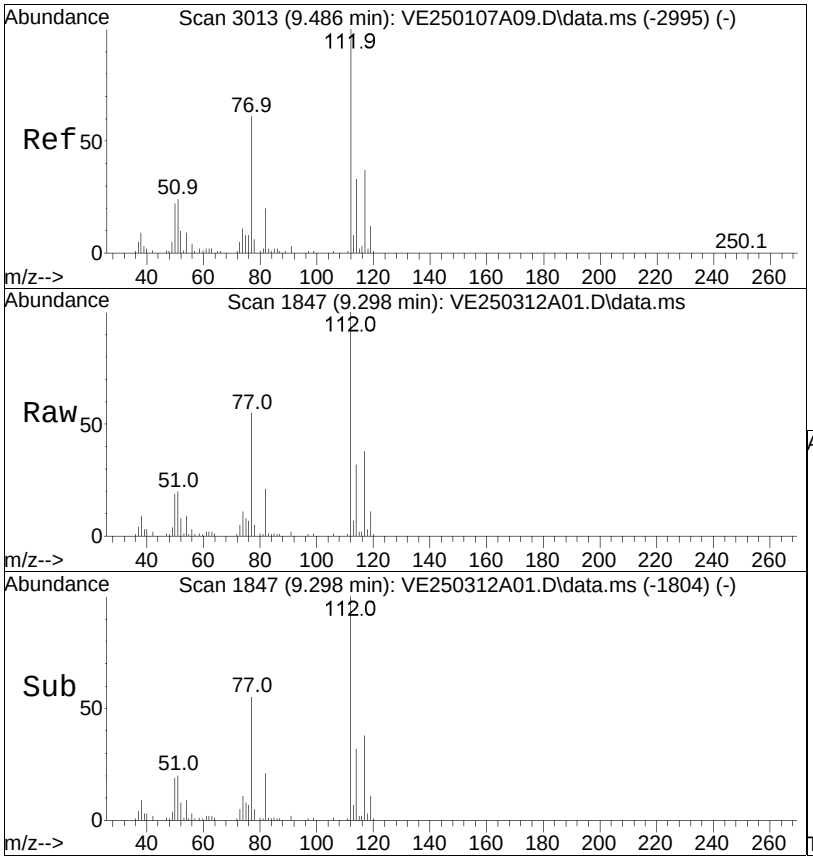


#77
2-Hexanone
Concen: 8.07 ug/L
RT: 8.936 min Scan# 1767
Delta R.T. -0.009 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 43 Resp: 18283

Ion	Ratio	Lower	Upper
43	100		
58	53.1	42.7	64.1
57	17.8	15.5	23.3

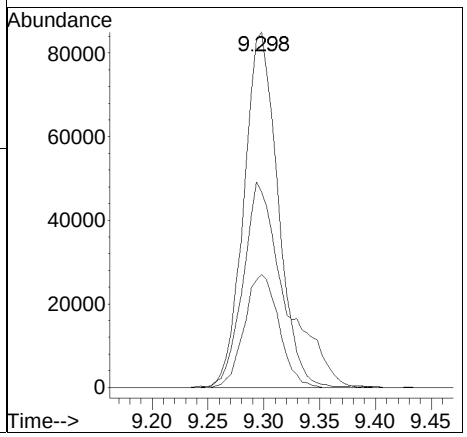


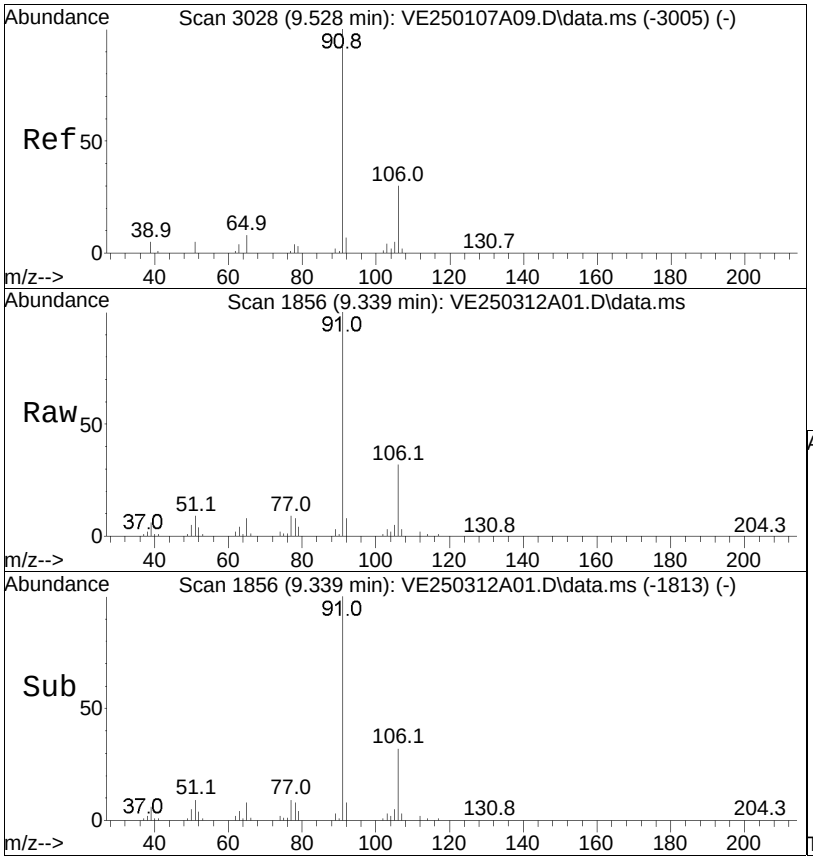


#78
Chlorobenzene
Concen: 9.49 ug/L
RT: 9.298 min Scan# 1847
Delta R.T. -0.004 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:112 Resp: 180063

Ion	Ratio	Lower	Upper
112	100		
77	72.6	56.4	84.6
114	32.4	25.8	38.6

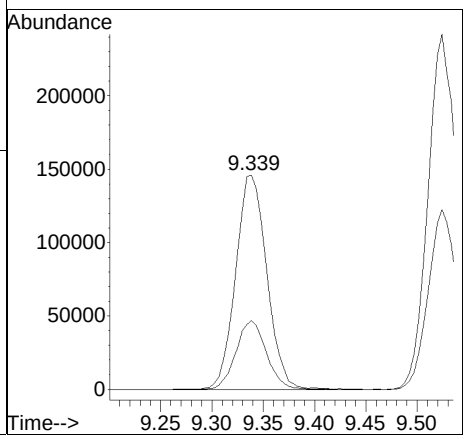


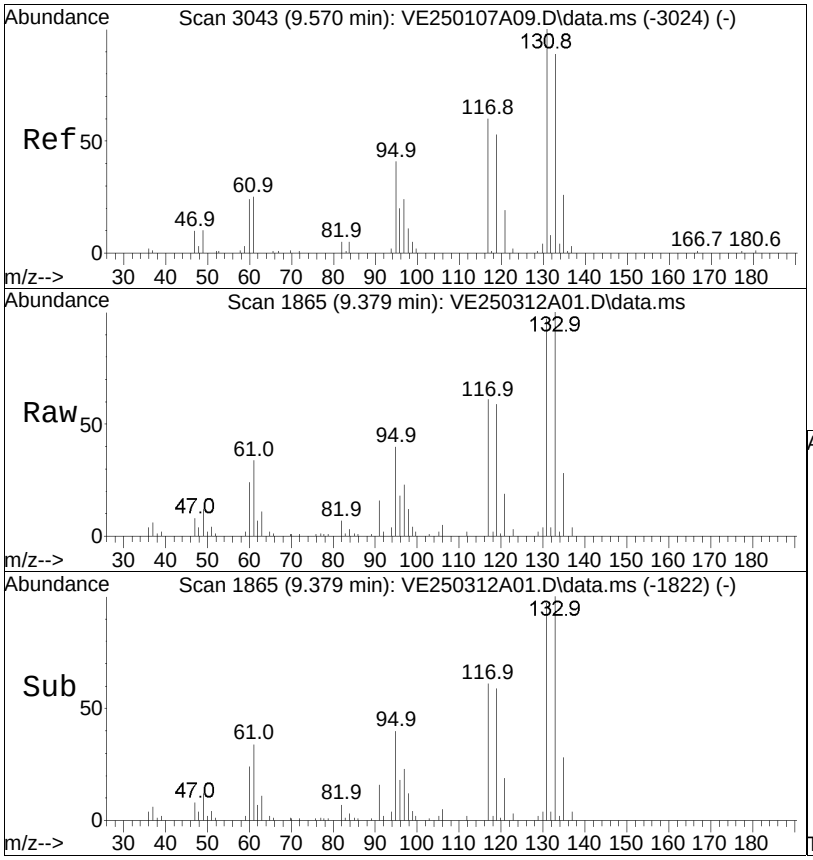


#79
Ethylbenzene
Concen: 9.24 ug/L
RT: 9.339 min Scan# 1856
Delta R.T. -0.005 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 91 Resp: 308513

Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.4	38.2

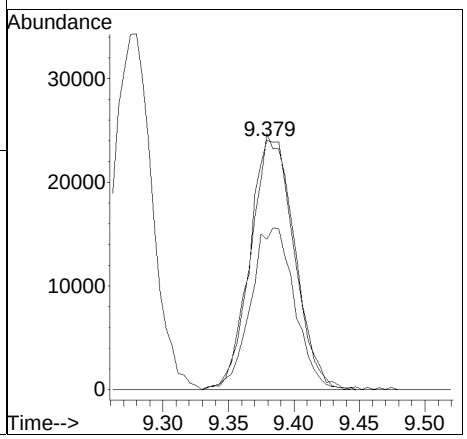


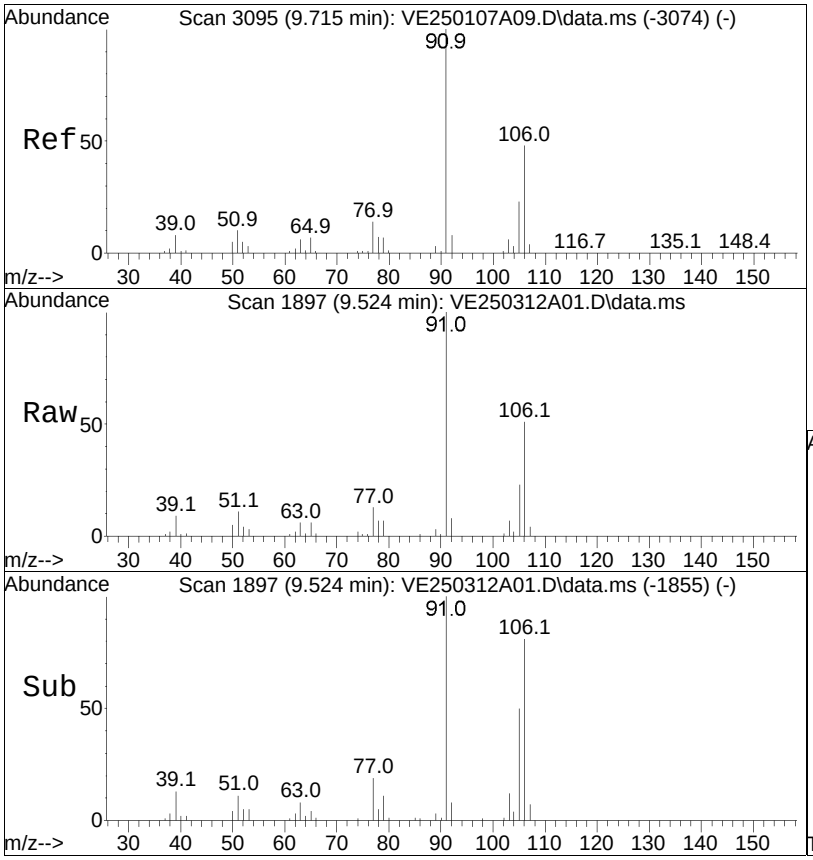


#80
1,1,1,2-Tetrachloroethane
Concen: 9.71 ug/L
RT: 9.379 min Scan# 1865
Delta R.T. -0.007 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:131 Resp: 57451

Ion	Ratio	Lower	Upper
131	100		
133	98.2	75.3	115.3
119	63.3	45.6	85.6

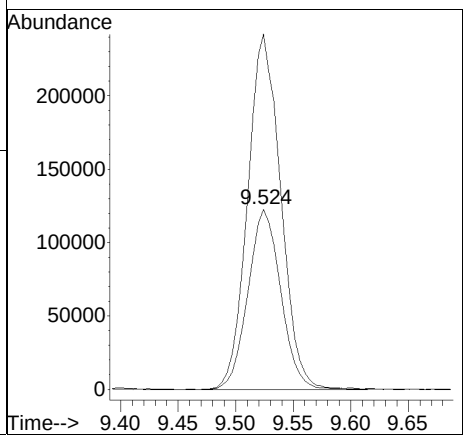


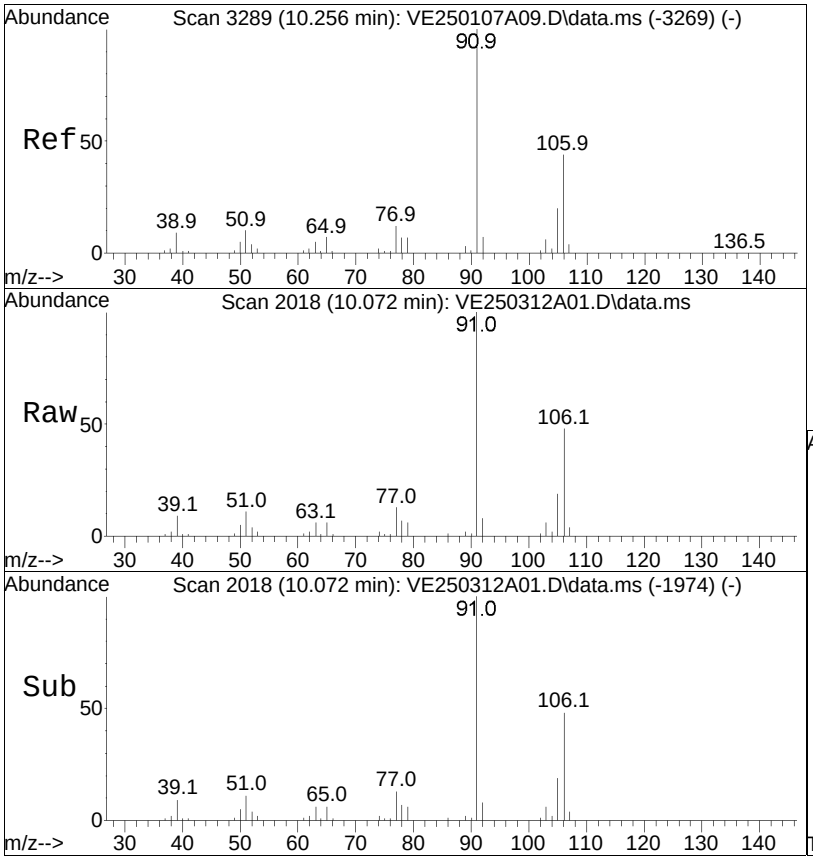


#81
p/m Xylene
Concen: 17.81 ug/L
RT: 9.524 min Scan# 1897
Delta R.T. -0.007 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:106 Resp: 243428

Ion	Ratio	Lower	Upper
106	100		
91	199.0	158.3	237.5

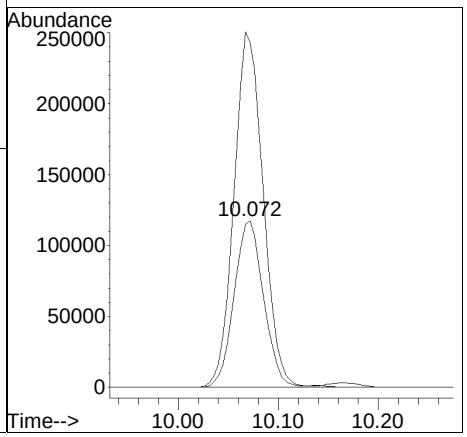


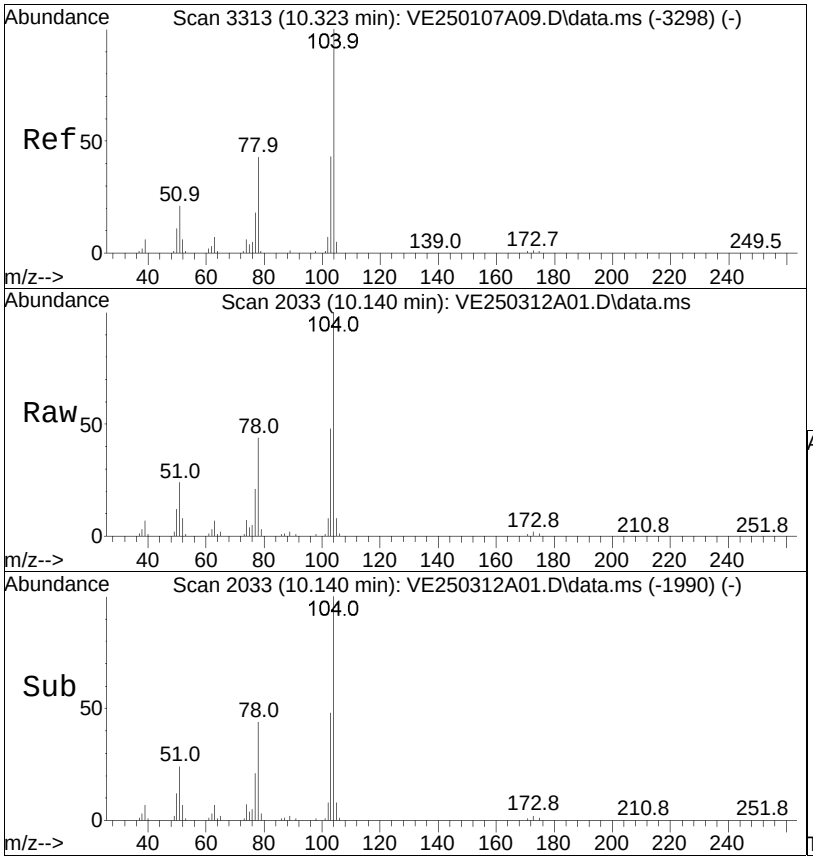


#82
o Xylene
Concen: 17.83 ug/L
RT: 10.072 min Scan# 2018
Delta R.T. -0.003 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:106 Resp: 242617

Ion	Ratio	Lower	Upper
106	100		
91	209.4	168.7	253.1

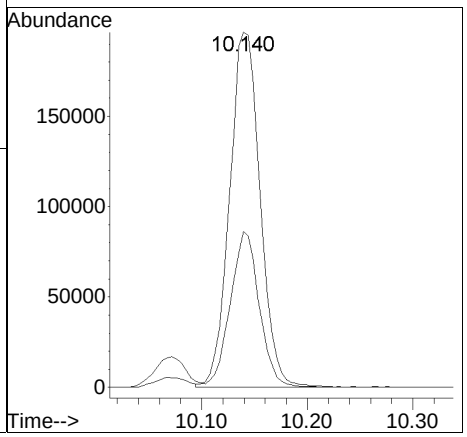


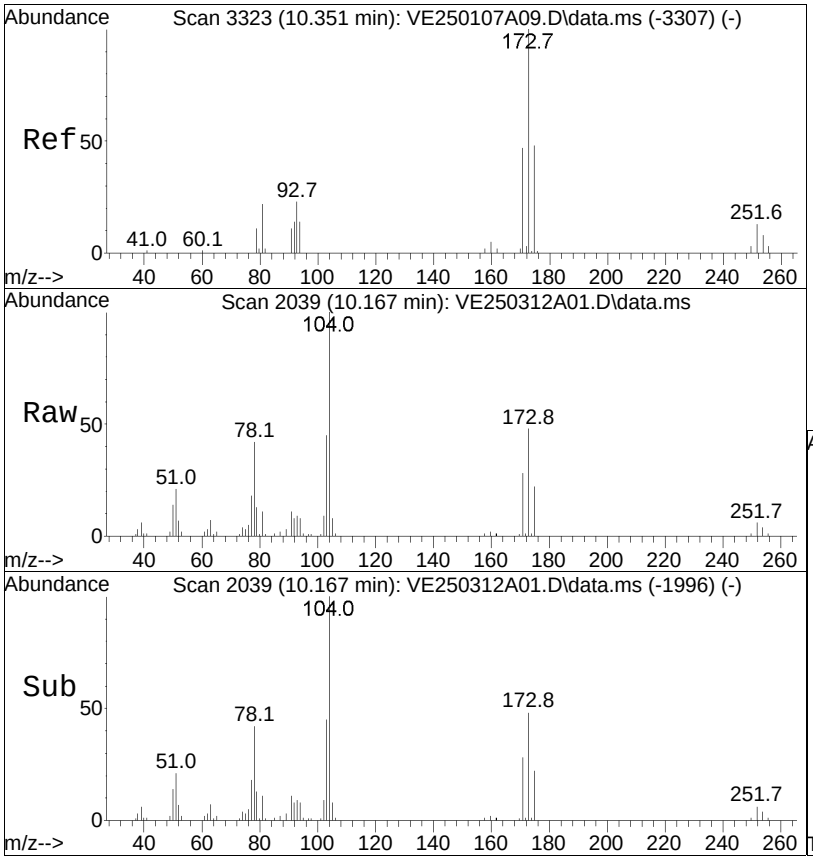


#83
Styrene
Concen: 17.04 ug/L
RT: 10.140 min Scan# 2033
Delta R.T. -0.008 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:104 Resp: 394864

Ion	Ratio	Lower	Upper
104	100		
78	41.7	32.4	48.6

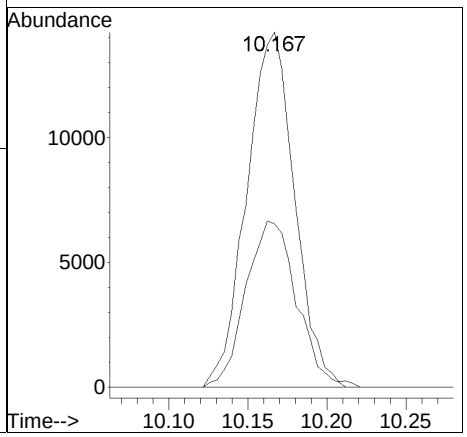


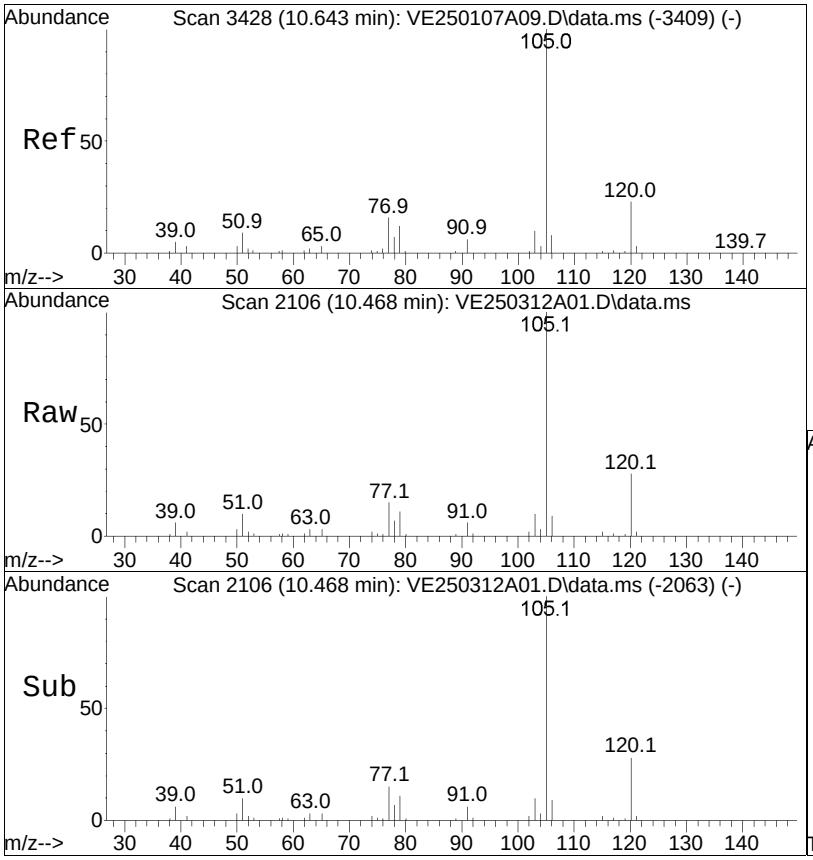


#85
Bromoform
Concen: 8.78 ug/L
RT: 10.167 min Scan# 2039
Delta R.T. -0.005 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:173 Resp: 30042

Ion	Ratio	Lower	Upper
173	100		
175	49.3	27.0	67.0

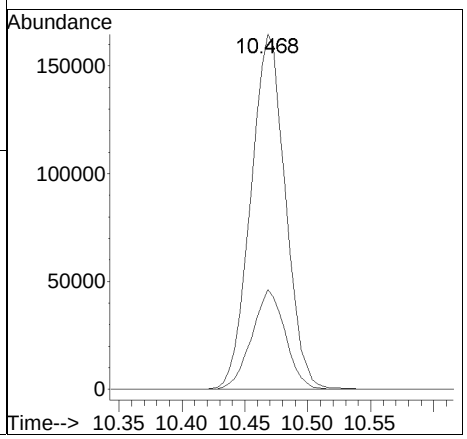


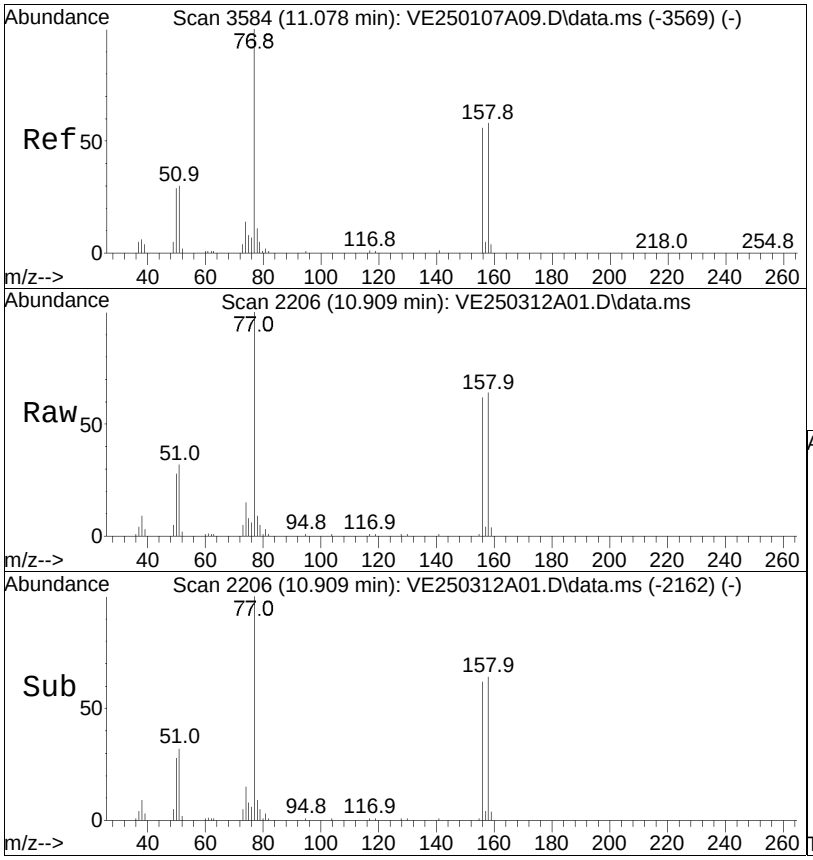


#87
Isopropylbenzene
Concen: 9.40 ug/L
RT: 10.468 min Scan# 2106
Delta R.T. -0.005 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:105 Resp: 314895

Ion	Ratio	Lower	Upper
105	100		
120	27.2	6.7	46.7

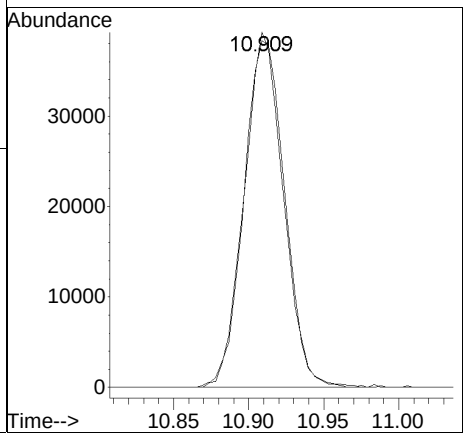


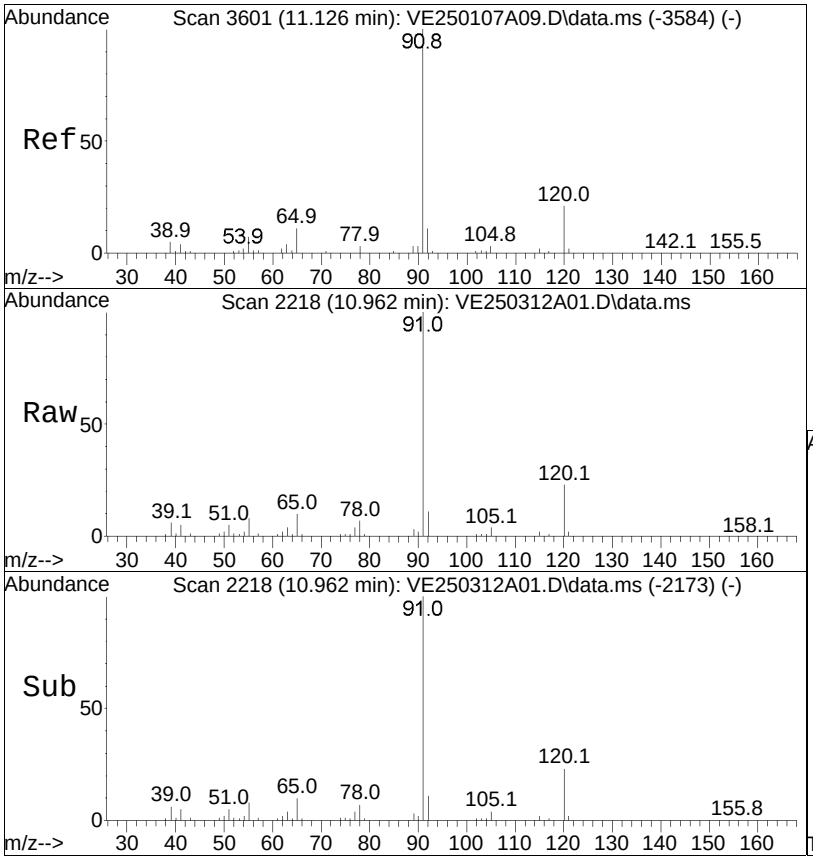


#89
Bromobenzene
Concen: 9.74 ug/L
RT: 10.909 min Scan# 2206
Delta R.T. -0.008 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:156 Resp: 72796

Ion	Ratio	Lower	Upper
156	100		
158	97.6	77.1	115.7

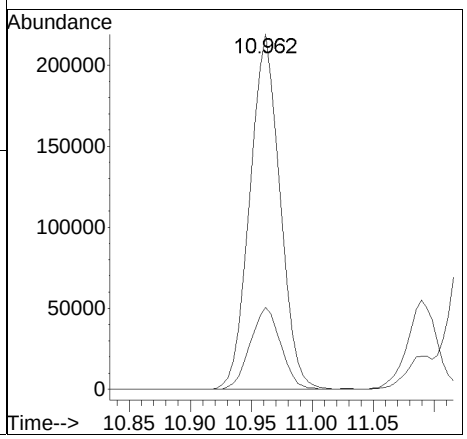


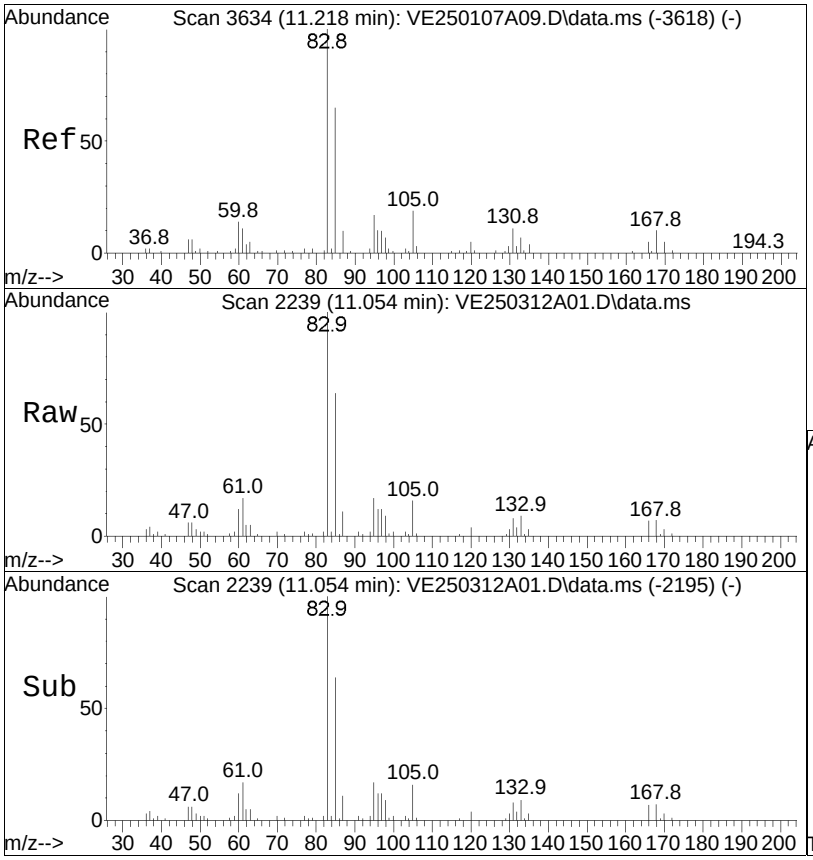


#90
n-Propylbenzene
Concen: 9.35 ug/L
RT: 10.962 min Scan# 2218
Delta R.T. -0.003 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 91 Resp: 377544

Ion	Ratio	Lower	Upper
91	100		
120	23.4	18.5	27.7

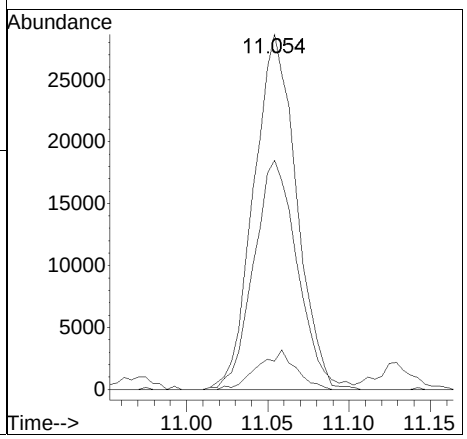


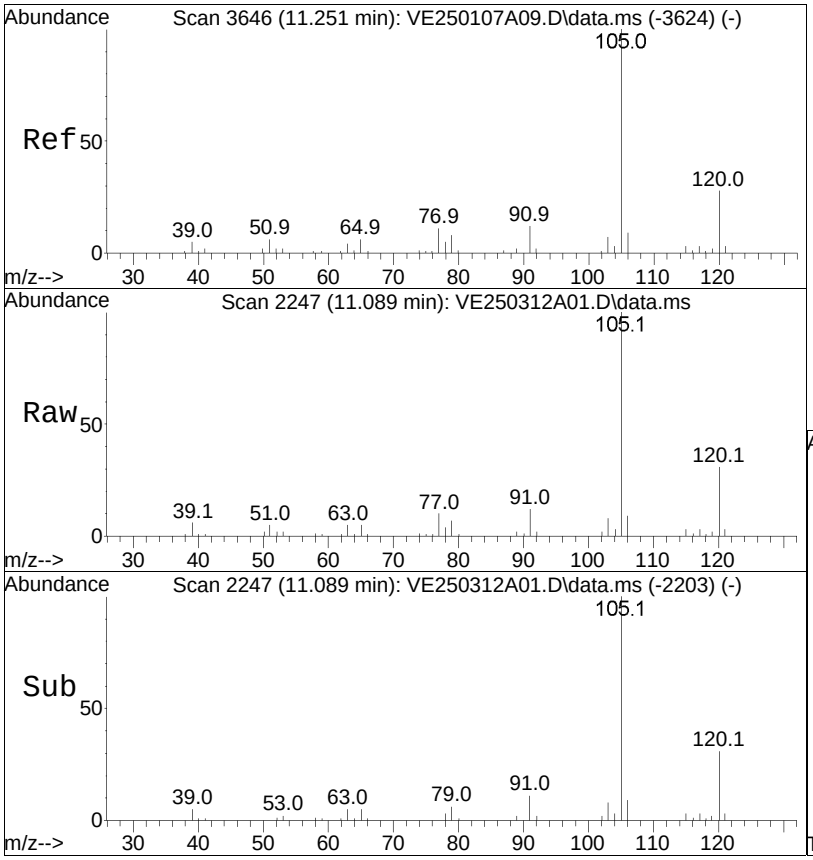


#92
1,1,2,2-Tetrachloroethane
Concen: 9.22 ug/L
RT: 11.054 min Scan# 2239
Delta R.T. -0.008 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 83 Resp: 52466

Ion	Ratio	Lower	Upper
83	100		
131	9.8	0.0	30.1
85	67.4	46.3	86.3

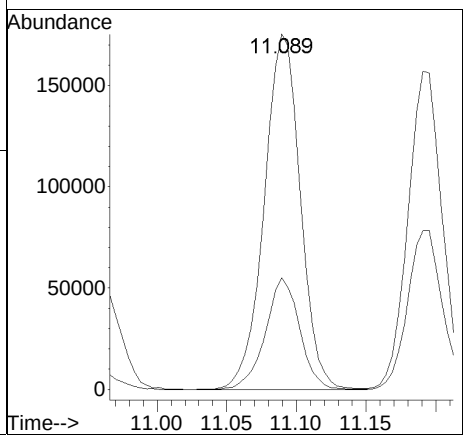


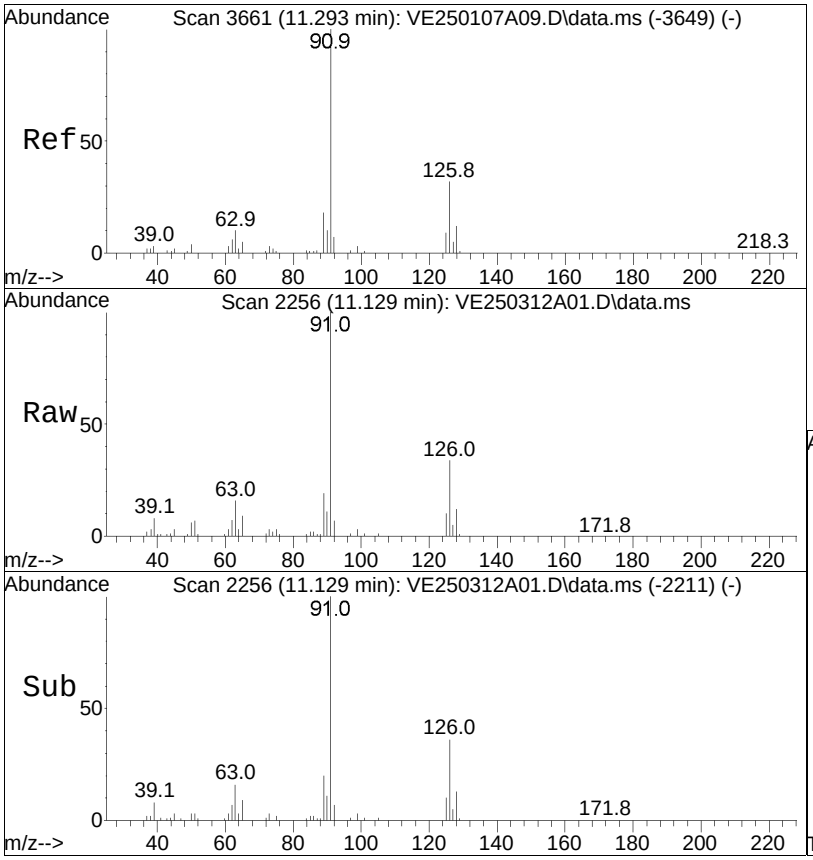


#93
4-Ethyltoluene
Concen: 9.46 ug/L
RT: 11.089 min Scan# 2247
Delta R.T. -0.006 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:105 Resp: 315792

Ion	Ratio	Lower	Upper
105	100		
120	29.8	19.2	40.0

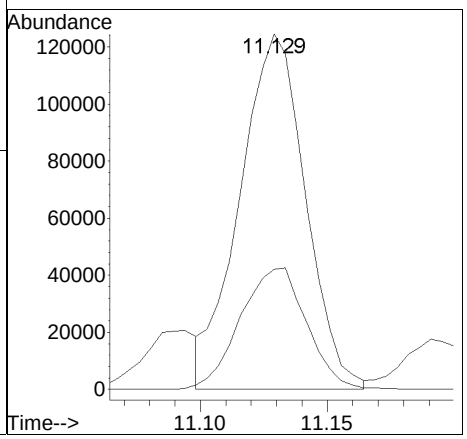


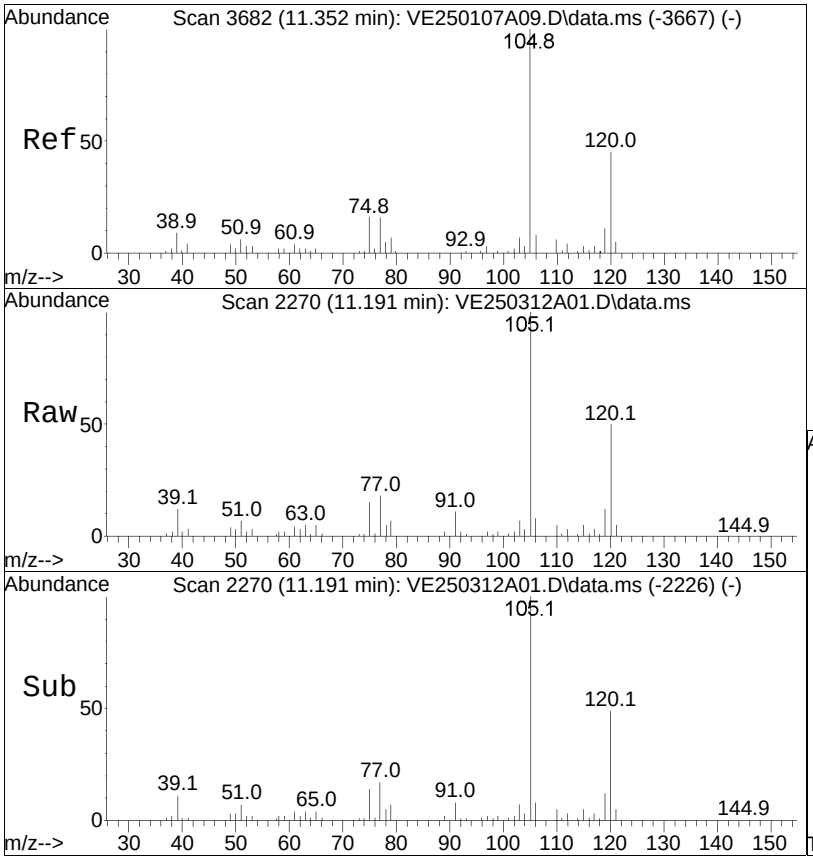


#94
2-Chlorotoluene
Concen: 9.78 ug/L M1
RT: 11.129 min Scan# 2256
Delta R.T. -0.002 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 91 Resp: 224009

Ion	Ratio	Lower	Upper
91	100		
126	34.6	28.0	42.0

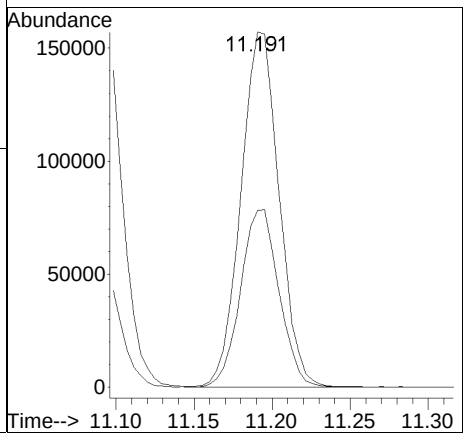


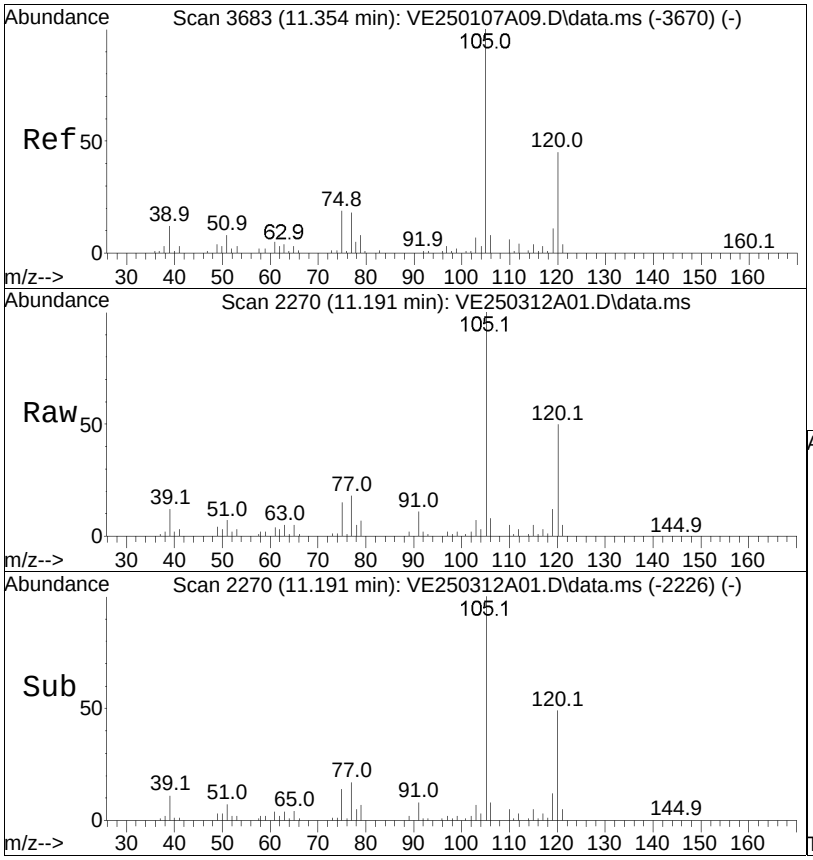


#95
1,3,5-Trimethylbenzene
Concen: 9.01 ug/L
RT: 11.191 min Scan# 2270
Delta R.T. -0.005 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:105 Resp: 268101

Ion	Ratio	Lower	Upper
105	100		
120	50.5	40.2	60.2

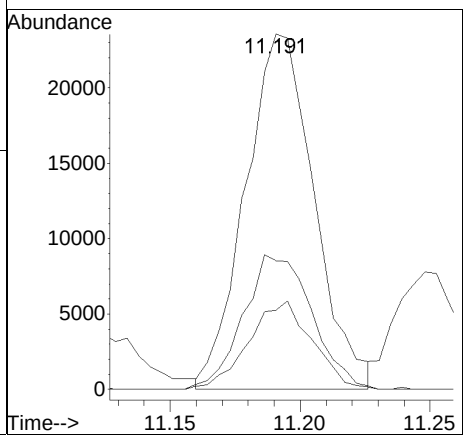


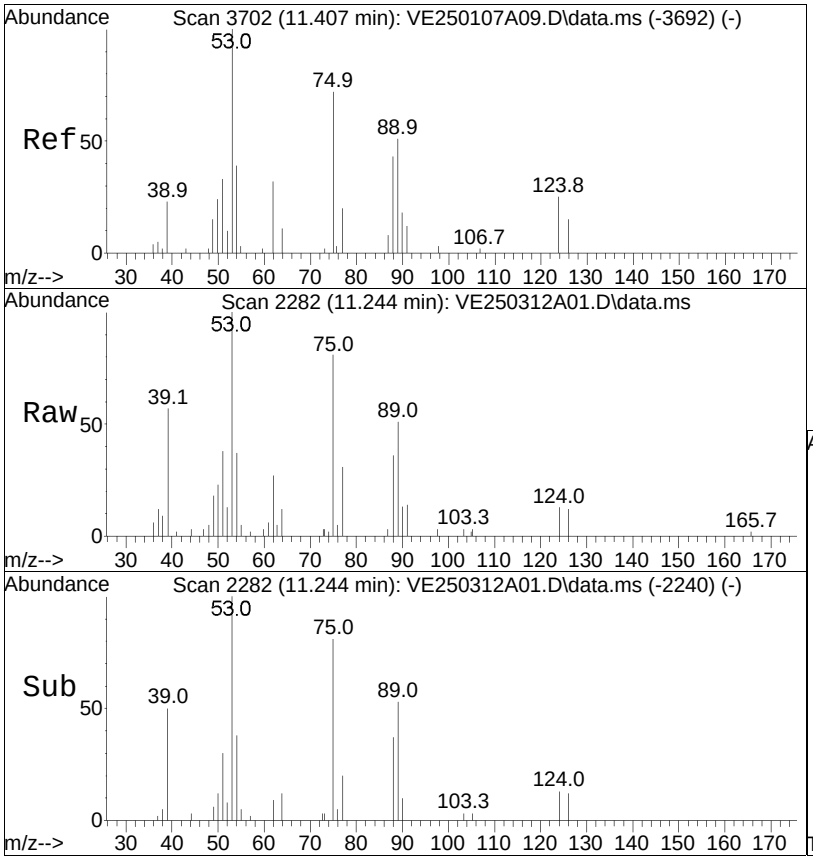


#96
1,2,3-Trichloropropane
Concen: 9.00 ug/L
RT: 11.191 min Scan# 2270
Delta R.T. -0.005 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 75 Resp: 43319

Ion	Ratio	Lower	Upper
75	100		
110	37.7	24.4	50.6
112	23.0	15.1	31.5

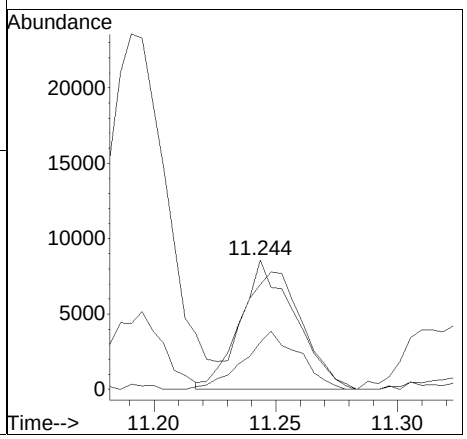


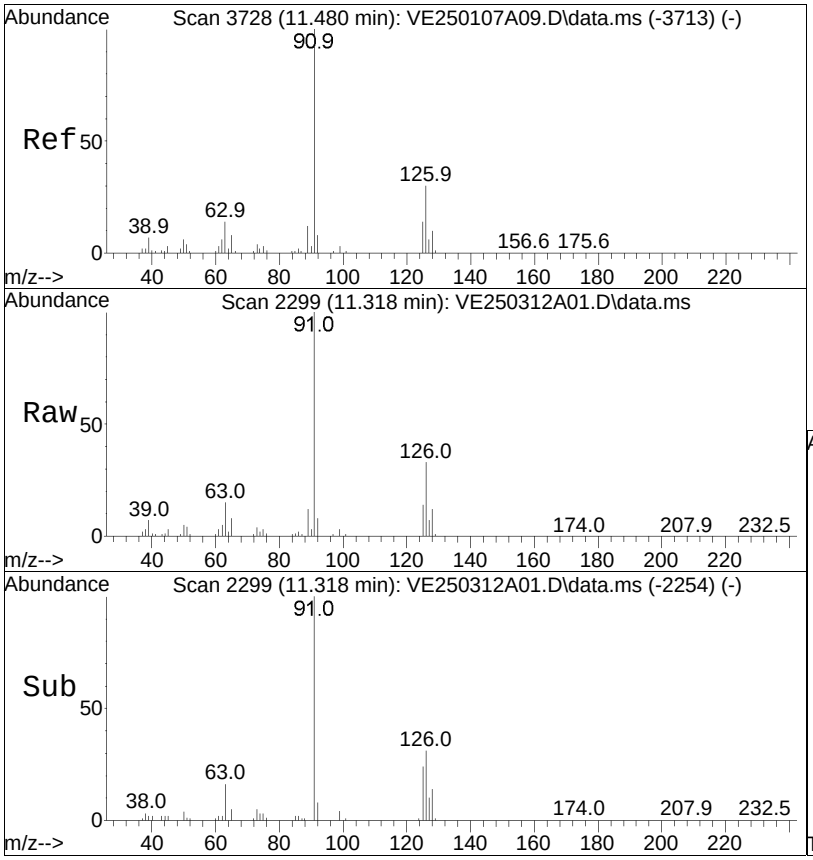


#97
trans-1,4-Dichloro-2-butene
Concen: 8.21 ug/L
RT: 11.244 min Scan# 2282
Delta R.T. -0.013 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 53 Resp: 13443

Ion	Ratio	Lower	Upper
53	100		
88	45.0	39.7	59.5
75	98.8	95.8	143.6

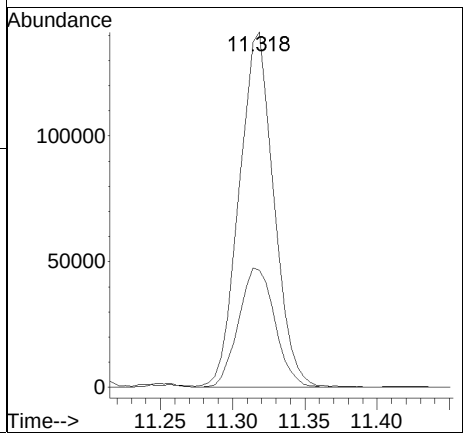


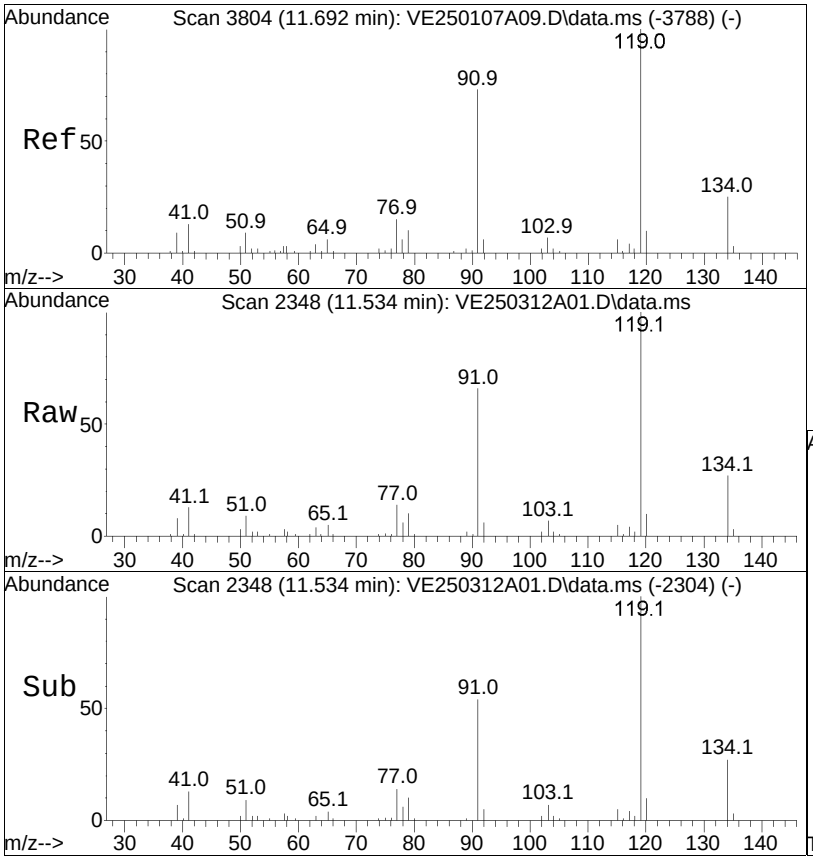


#98
4-Chlorotoluene
Concen: 9.94 ug/L
RT: 11.318 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 91 Resp: 236357

Ion	Ratio	Lower	Upper
91	100		
126	35.2	28.2	42.2

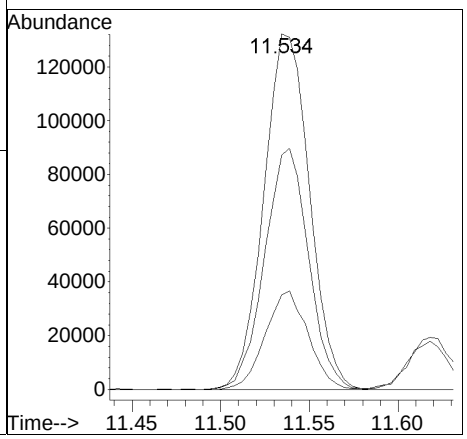


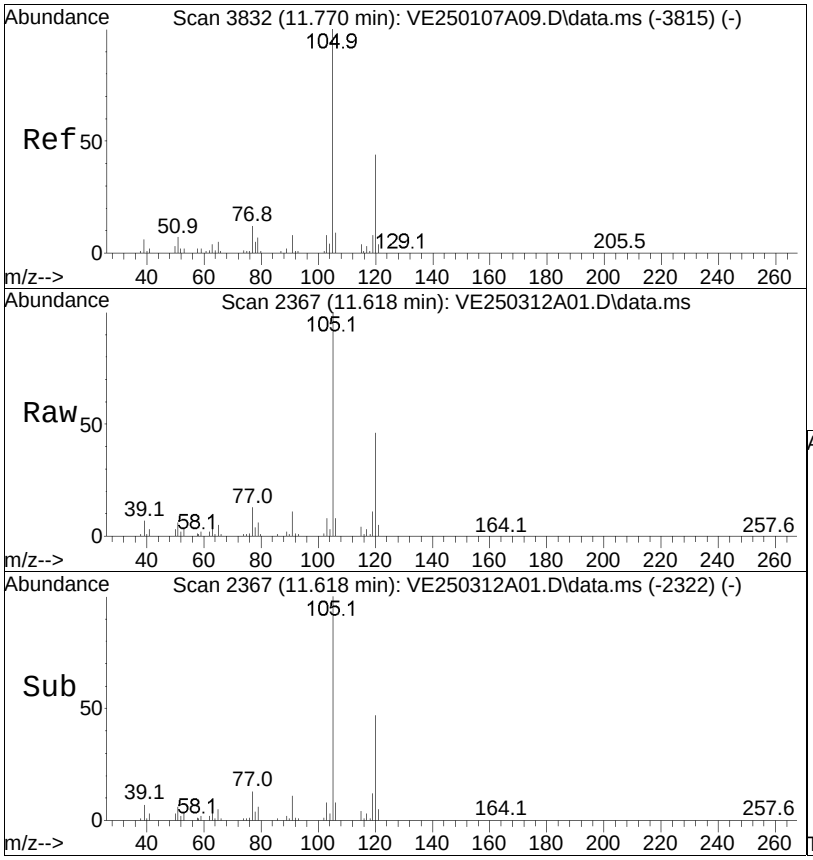


#99
tert-Butylbenzene
Concen: 9.57 ug/L
RT: 11.534 min Scan# 2348
Delta R.T. -0.007 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:119 Resp: 237145

Ion	Ratio	Lower	Upper
119	100		
91	65.3	51.7	77.5
134	26.0	20.9	31.3

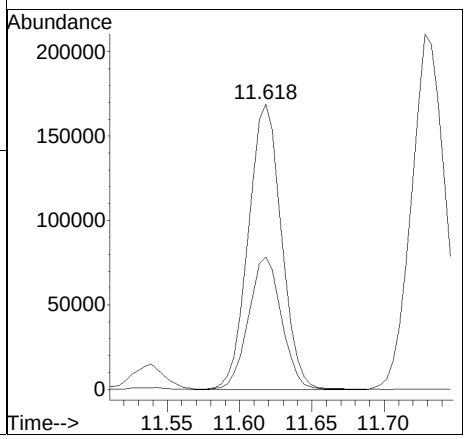


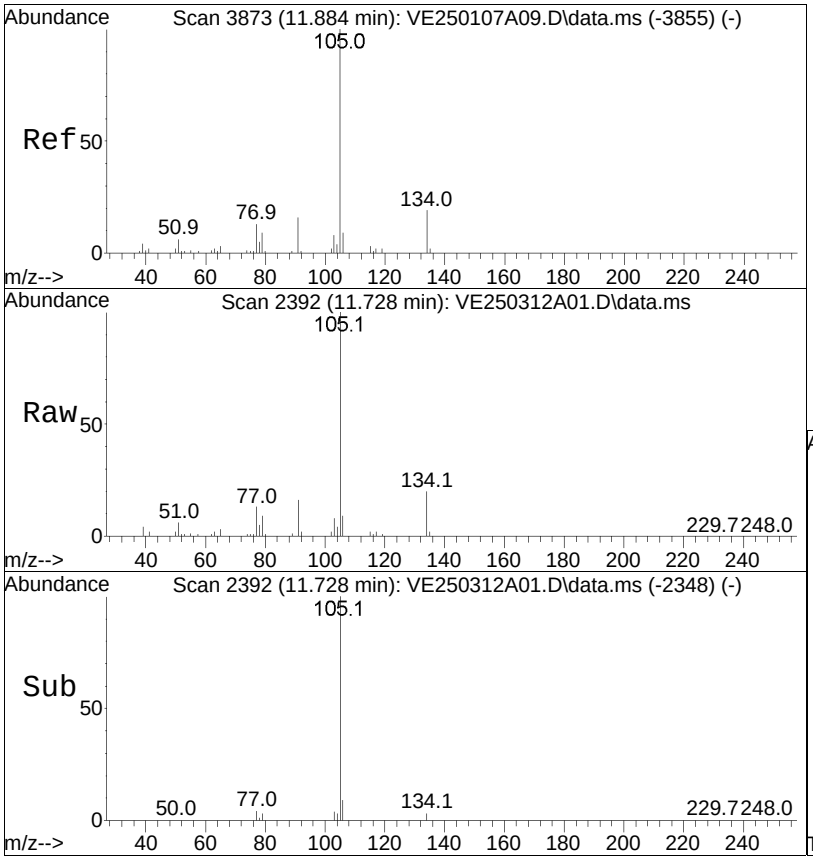


#102
1,2,4-Trimethylbenzene
Concen: 9.25 ug/L
RT: 11.618 min Scan# 2367
Delta R.T. -0.001 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:105 Resp: 269228

Ion	Ratio	Lower	Upper
105	100		
120	46.1	38.4	57.6

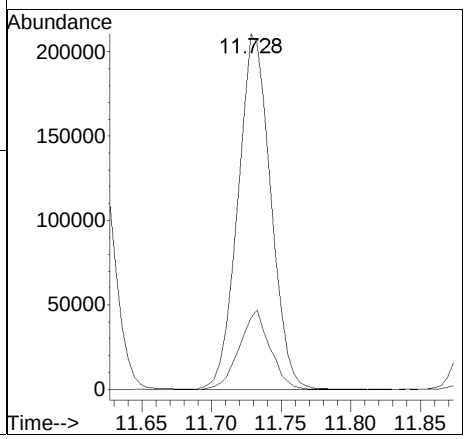


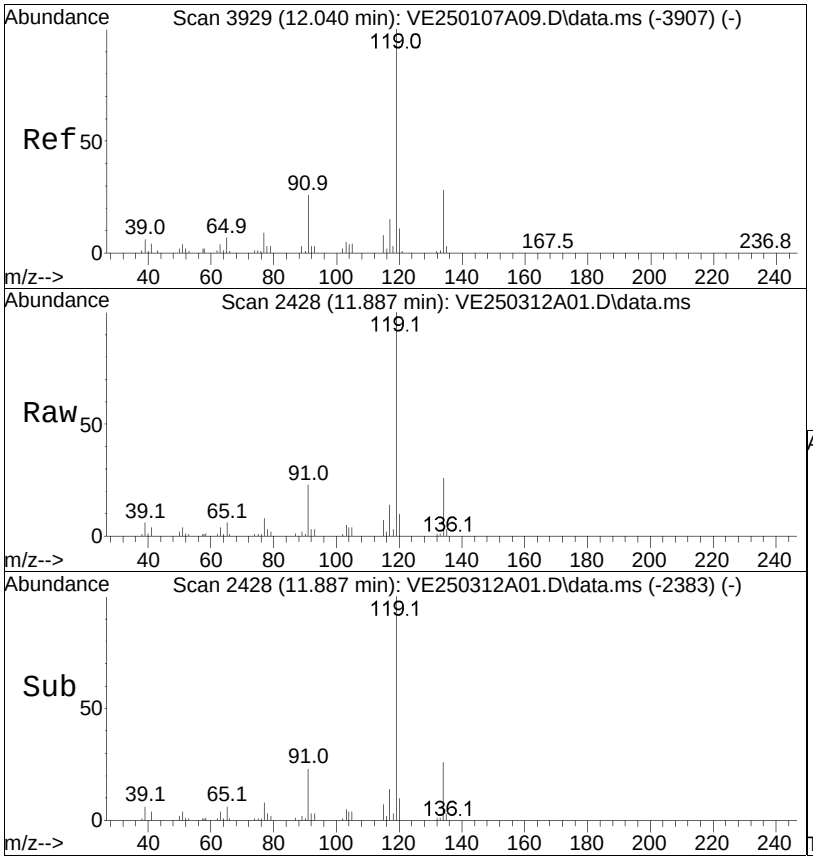


#103
sec-Butylbenzene
Concen: 9.16 ug/L
RT: 11.728 min Scan# 2392
Delta R.T. -0.006 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:105 Resp: 344299

Ion	Ratio	Lower	Upper
105	100		
134	20.9	13.0	27.0

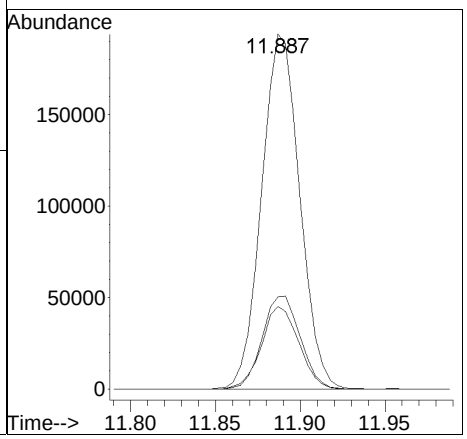


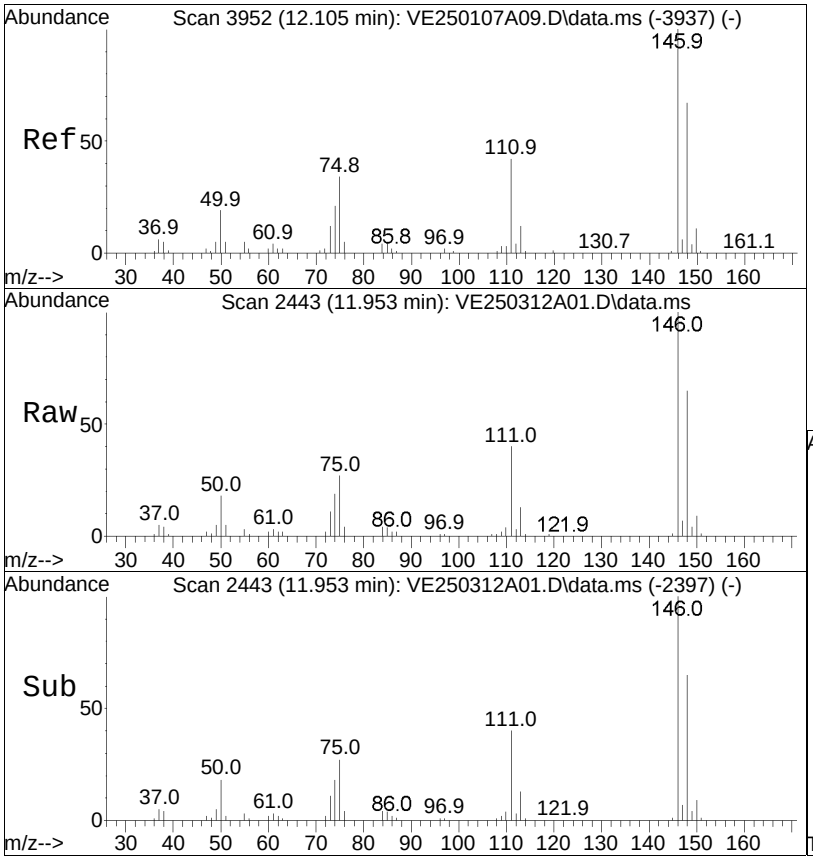


#104
p-Isopropyltoluene
Concen: 9.23 ug/L
RT: 11.887 min Scan# 2428
Delta R.T. -0.003 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:119 Resp: 304145

Ion	Ratio	Lower	Upper
119	100		
134	26.3	17.2	35.6
91	23.1	15.0	31.2

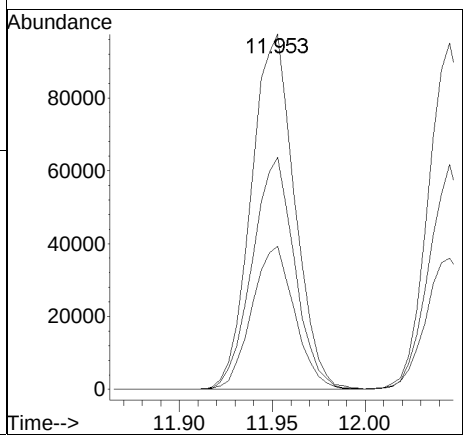


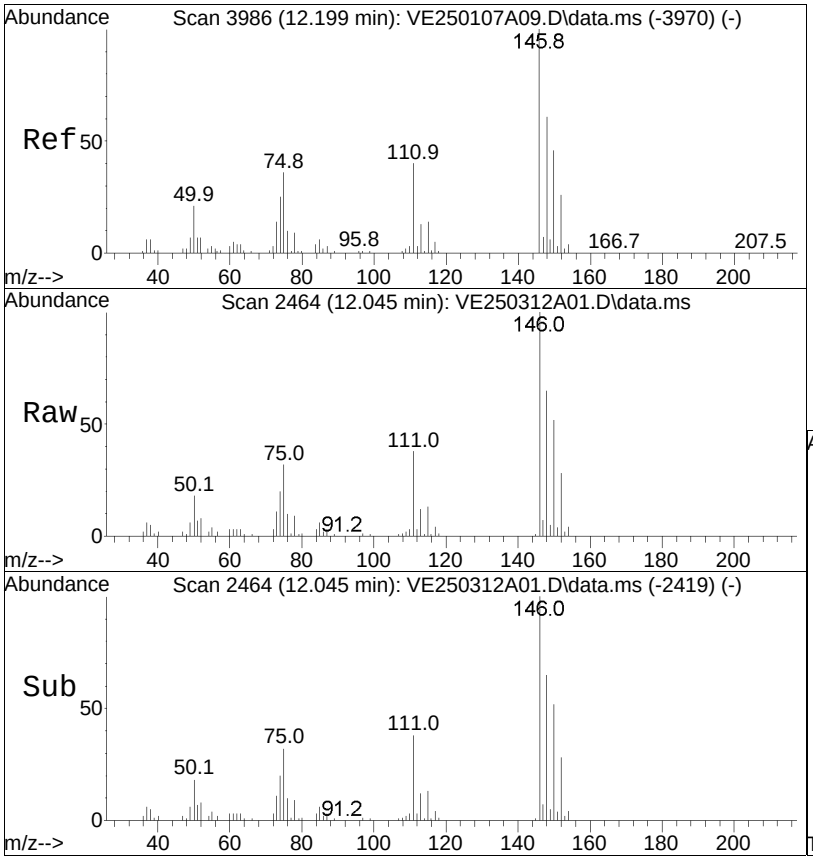


#105
1,3-Dichlorobenzene
Concen: 9.73 ug/L
RT: 11.953 min Scan# 2443
Delta R.T. 0.002 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:146 Resp: 158235

Ion	Ratio	Lower	Upper
146	100		
111	39.8	26.0	54.0
148	64.0	42.1	87.3

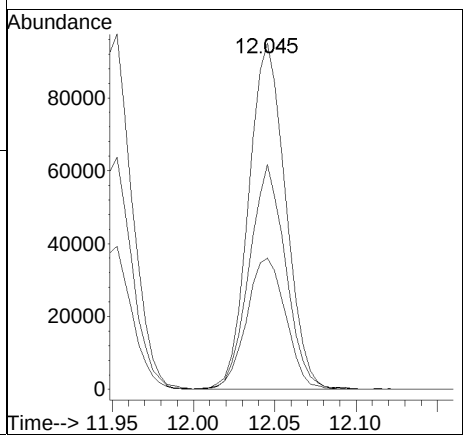


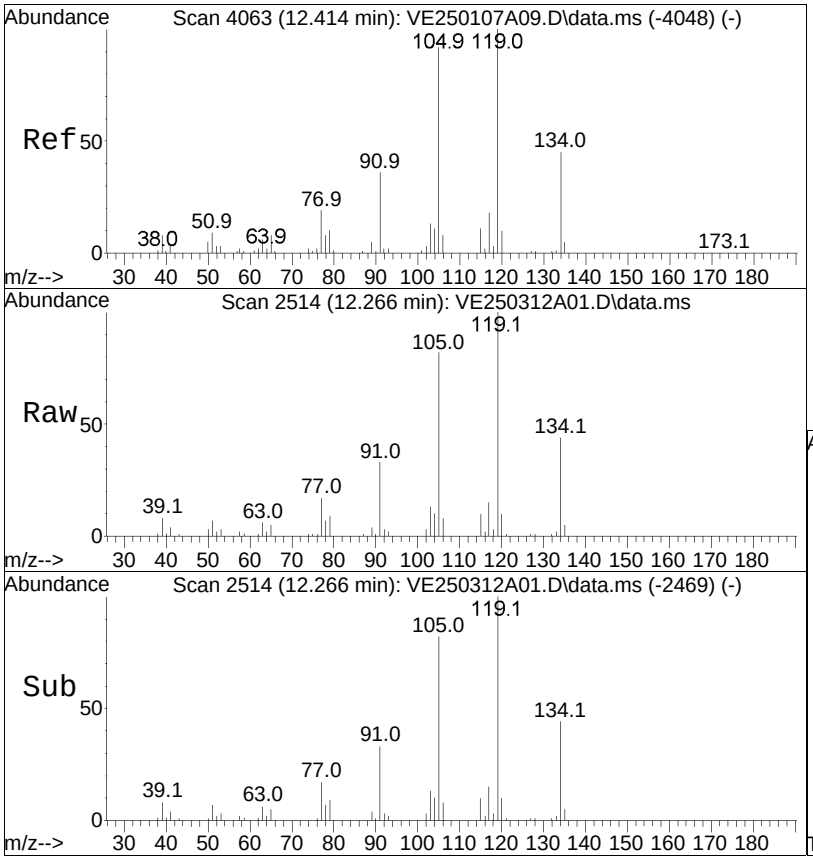


#106
1,4-Dichlorobenzene
Concen: 9.31 ug/L
RT: 12.045 min Scan# 2464
Delta R.T. -0.004 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:146 Resp: 150551

Ion	Ratio	Lower	Upper
146	100		
111	40.3	31.5	47.3
148	63.8	51.1	76.7

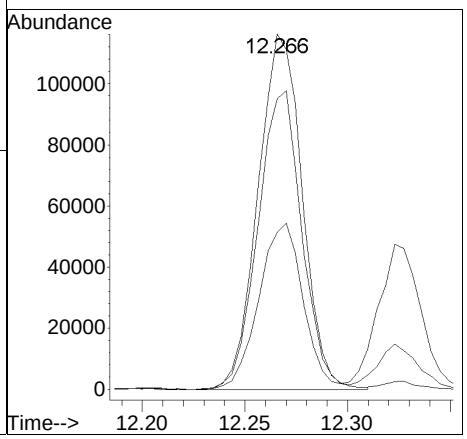


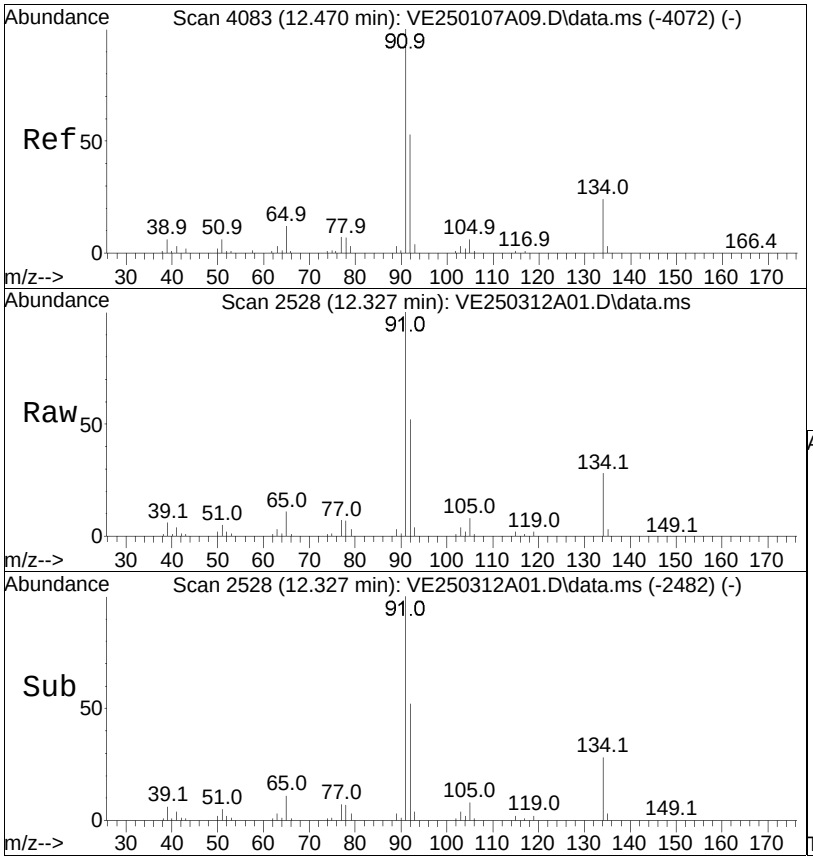


#107
p-Diethylbenzene
Concen: 8.89 ug/L
RT: 12.266 min Scan# 2514
Delta R.T. -0.004 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:119 Resp: 173743

Ion	Ratio	Lower	Upper
119	100		
105	83.4	53.9	112.1
134	46.8	29.2	60.6

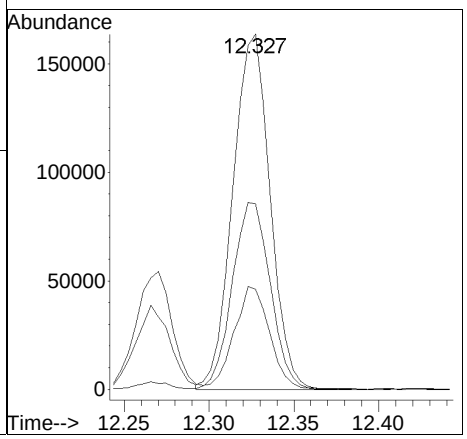


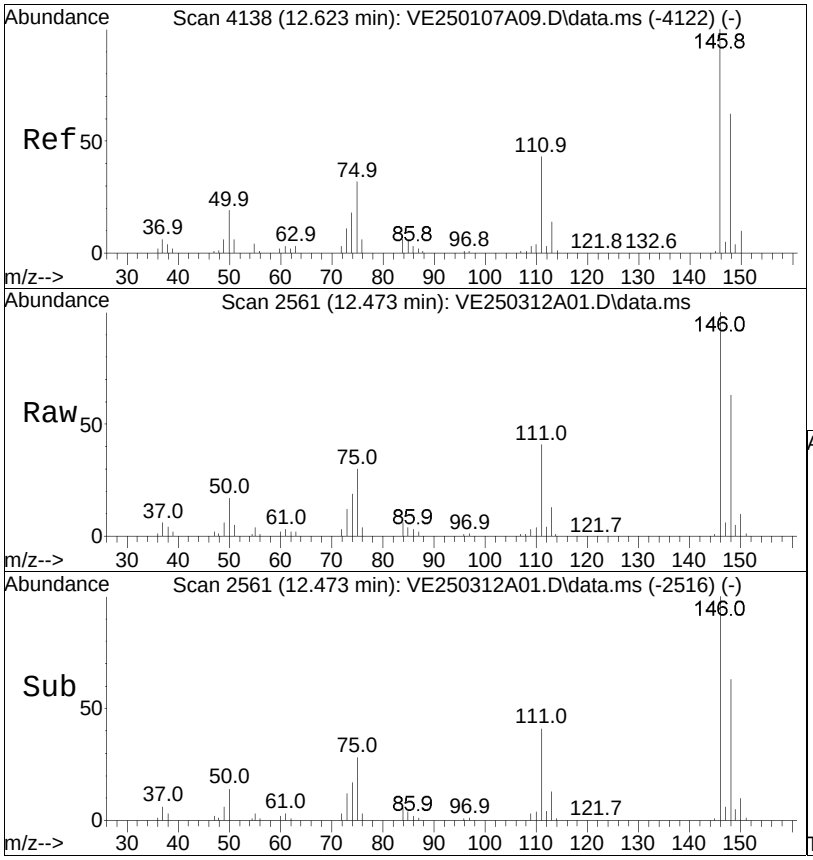


#108
n-Butylbenzene
Concen: 8.85 ug/L
RT: 12.327 min Scan# 2528
Delta R.T. -0.000 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion: 91 Resp: 250153

Ion	Ratio	Lower	Upper
91	100		
92	53.7	43.4	65.2
134	27.5	21.0	31.4

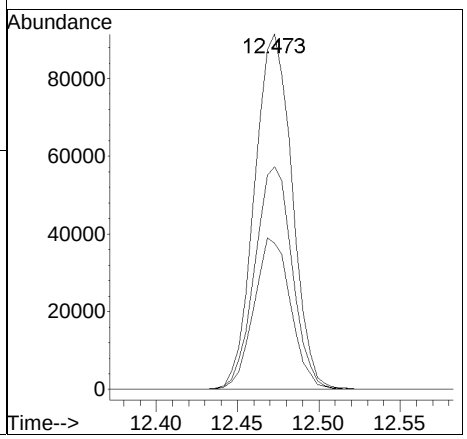


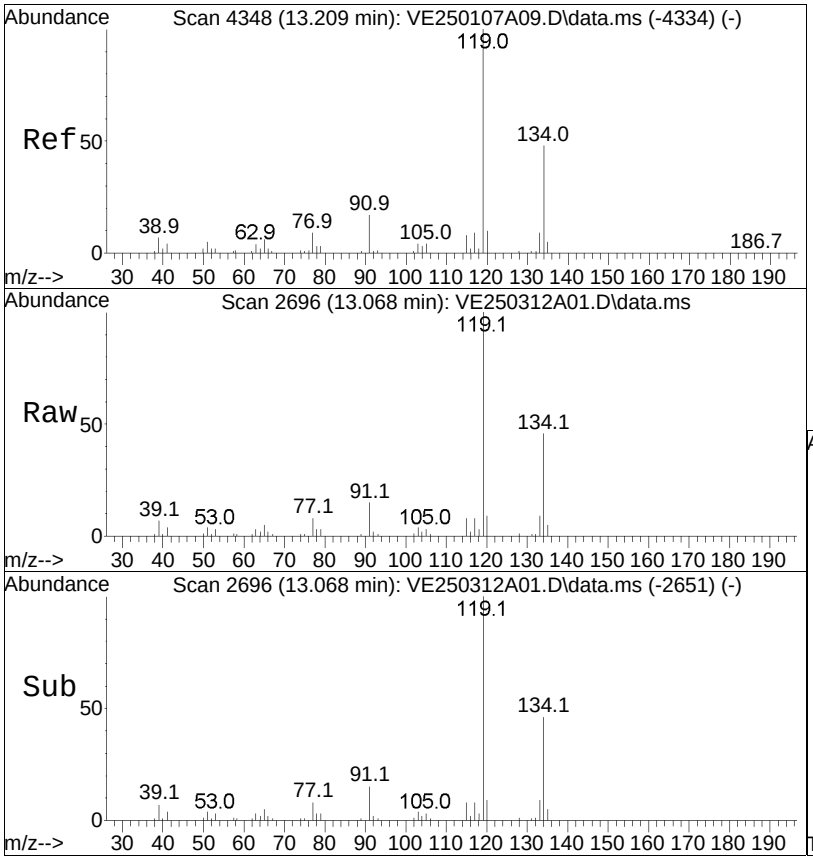


#109
1,2-Dichlorobenzene
Concen: 9.66 ug/L
RT: 12.473 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:146 Resp: 147537

Ion	Ratio	Lower	Upper
146	100		
111	41.8	26.8	55.6
148	62.5	40.9	84.9

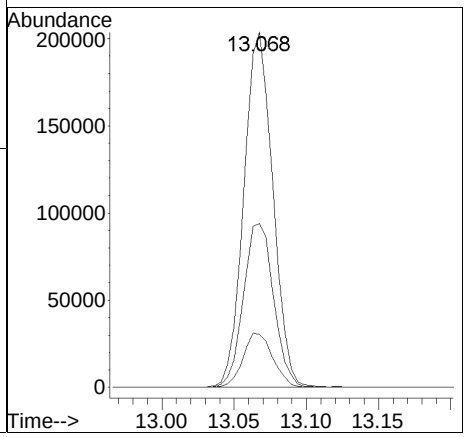


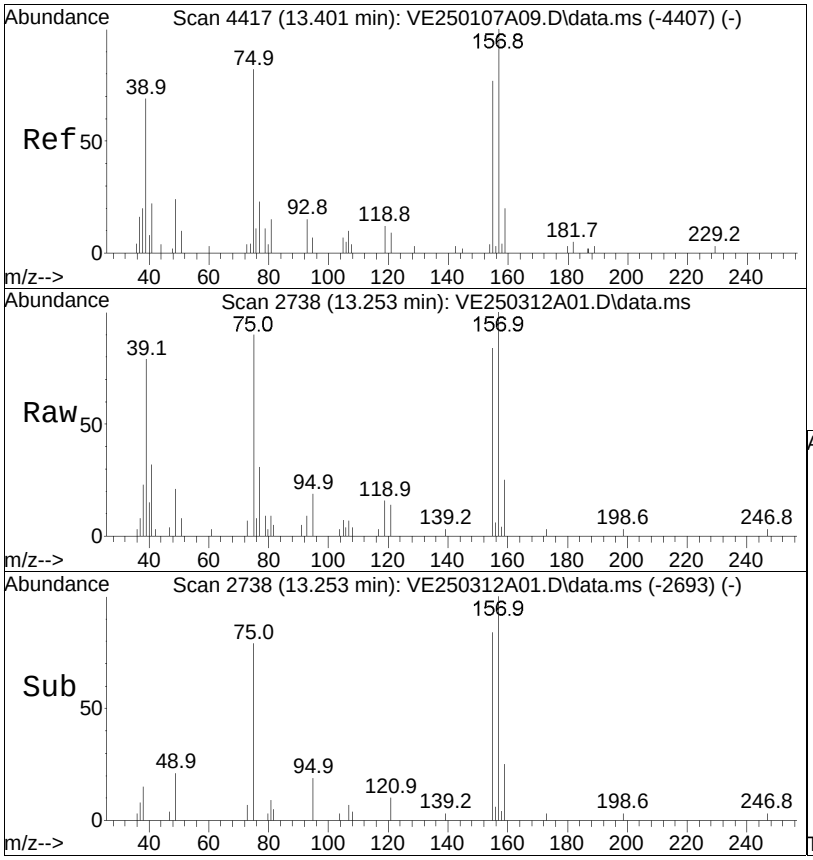


#110
1,2,4,5-Tetramethylbenzene
Concen: 9.24 ug/L
RT: 13.068 min Scan# 2696
Delta R.T. -0.002 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:119 Resp: 284843

Ion	Ratio	Lower	Upper
119	100		
134	48.2	30.7	63.9
91	15.7	10.2	21.2

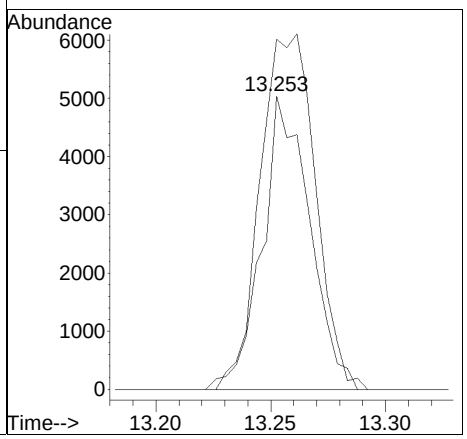


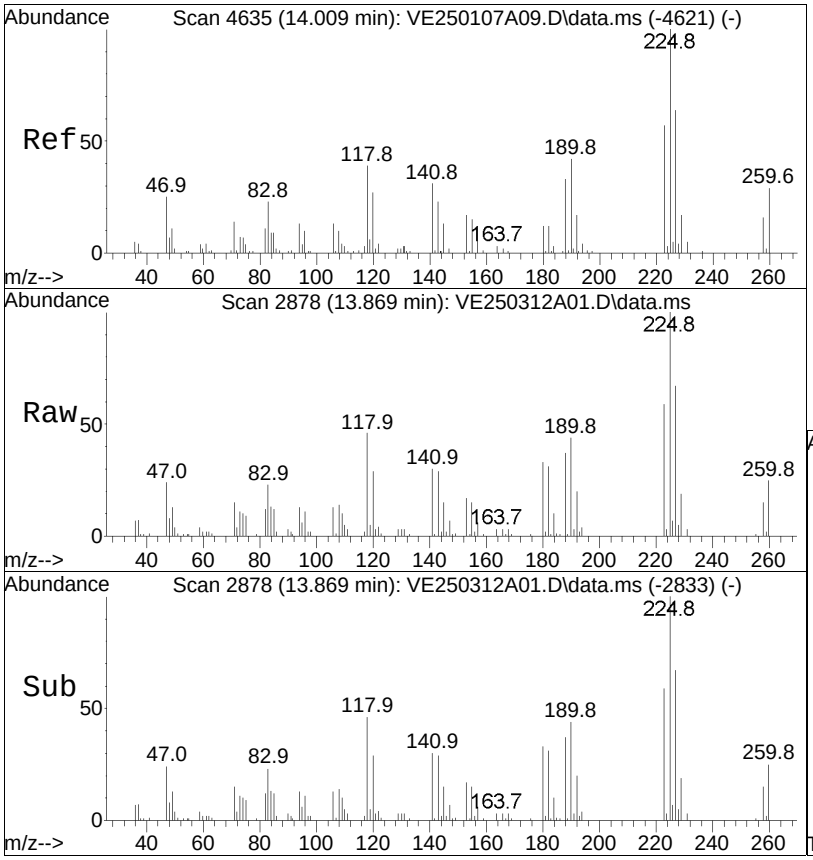


#111
1,2-Dibromo-3-chloropropane
Concen: 8.29 ug/L
RT: 13.253 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:155 Resp: 7264

Ion	Ratio	Lower	Upper
155	100		
157	140.6	95.8	143.8

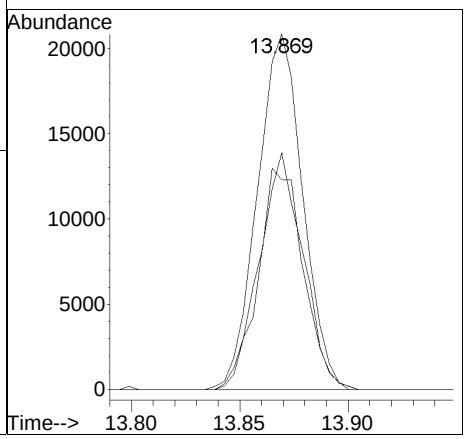


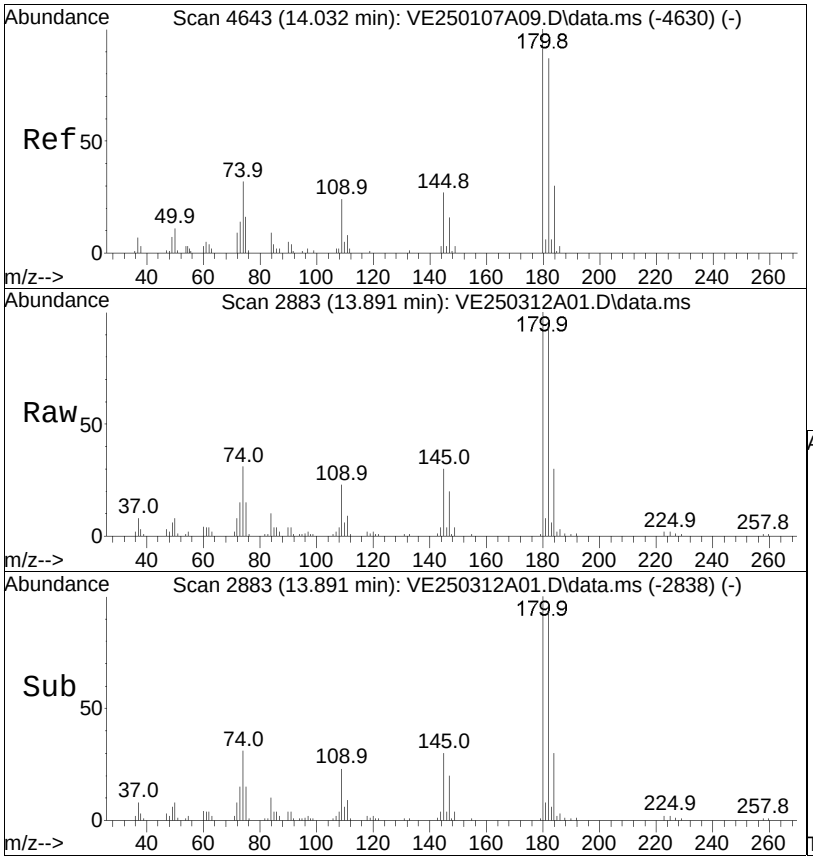


#113
Hexachlorobutadiene
Concen: 10.32 ug/L
RT: 13.869 min Scan# 2878
Delta R.T. -0.001 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:225 Resp: 30412

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.1	75.1
227	62.9	51.0	76.6

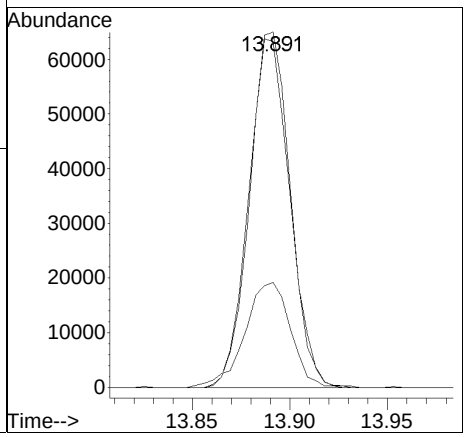


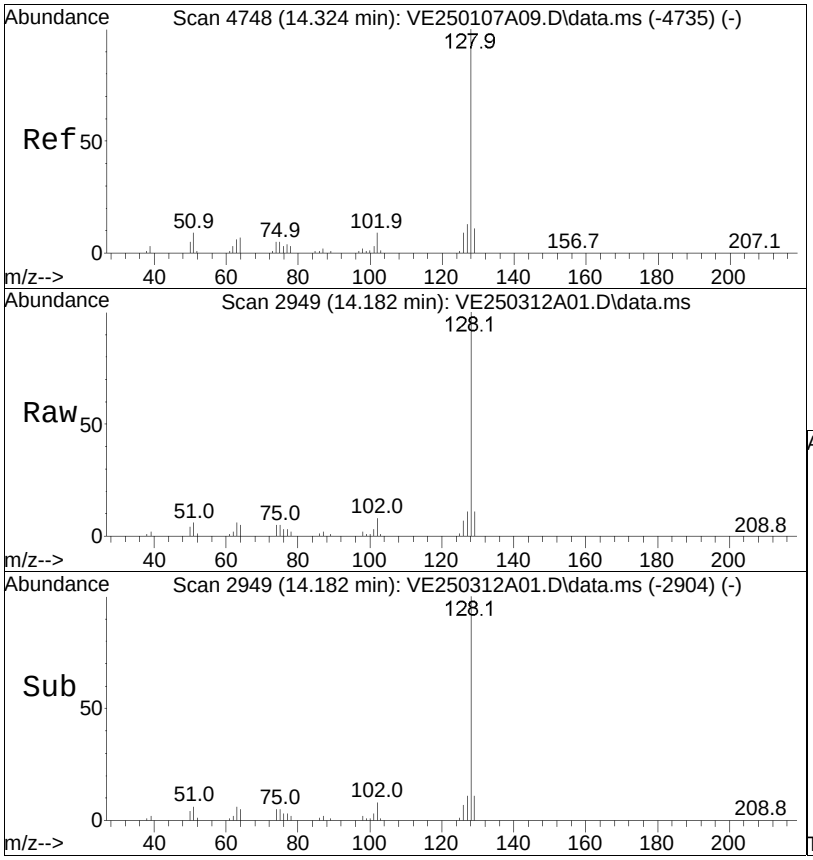


#114
1,2,4-Trichlorobenzene
Concen: 9.87 ug/L
RT: 13.891 min Scan# 2883
Delta R.T. -0.004 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:180 Resp: 95095

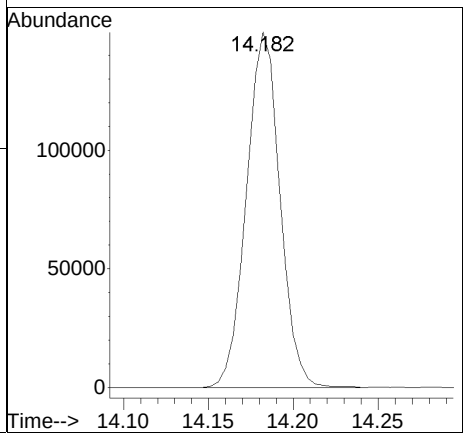
Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.2	114.2
145	32.7	27.8	41.6

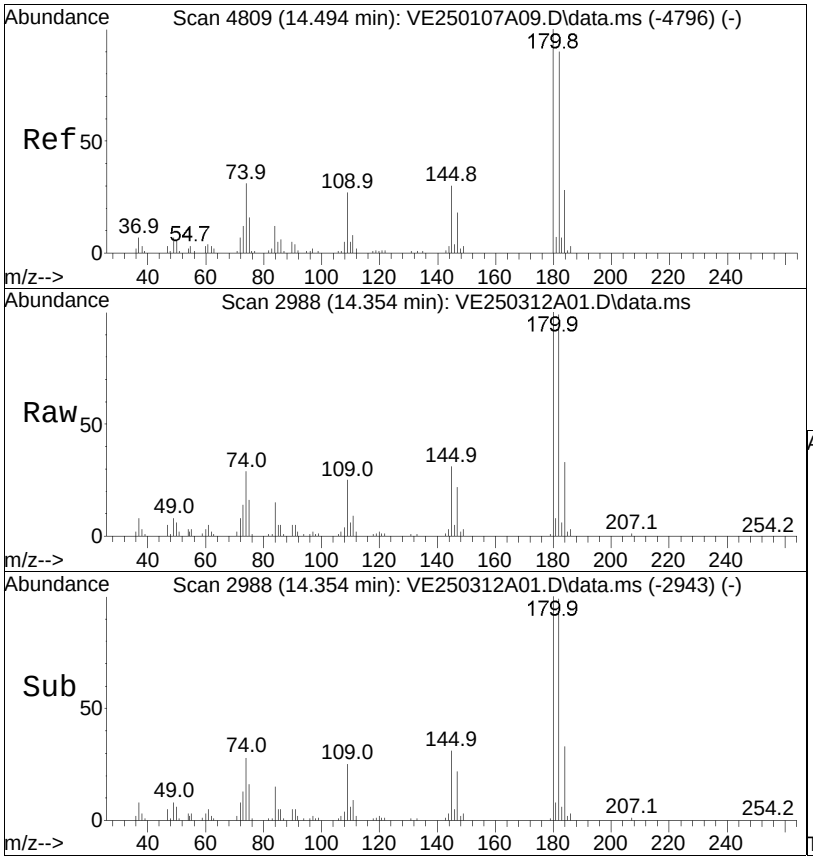




#115
Naphthalene
Concen: 8.98 ug/L
RT: 14.182 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:128 Resp: 205841

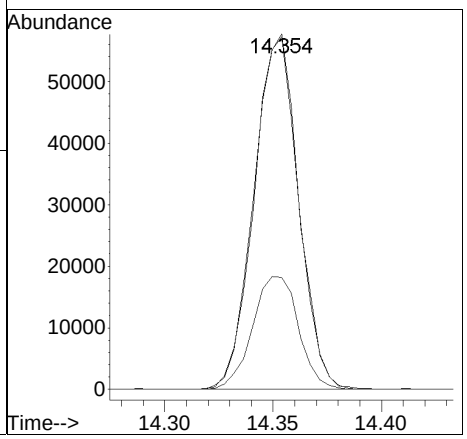




#116
1,2,3-Trichlorobenzene
Concen: 9.36 ug/L
RT: 14.354 min Scan# 2988
Delta R.T. -0.001 min
Lab File: VE250312A01.D
Acq: 12 Mar 2025 9:27 am

Tgt Ion:180 Resp: 82625

Ion	Ratio	Lower	Upper
180	100		
182	98.6	77.0	115.4
145	32.7	25.9	38.9

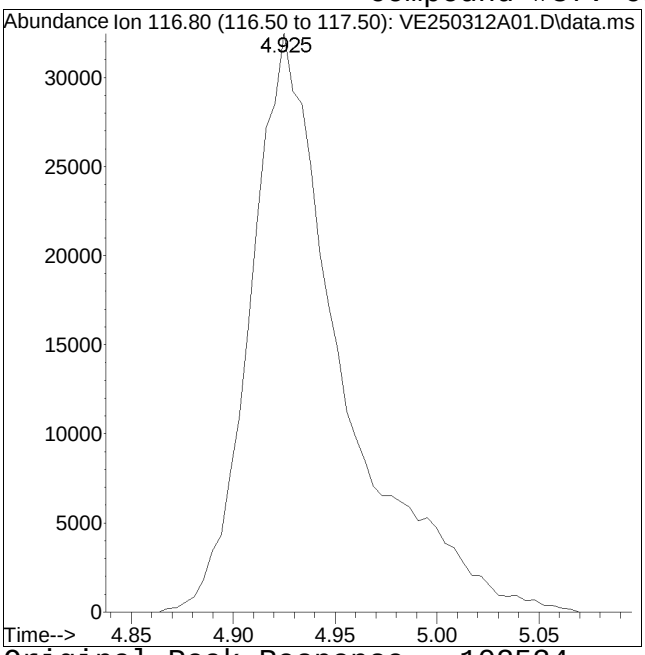


Manual Integration Report

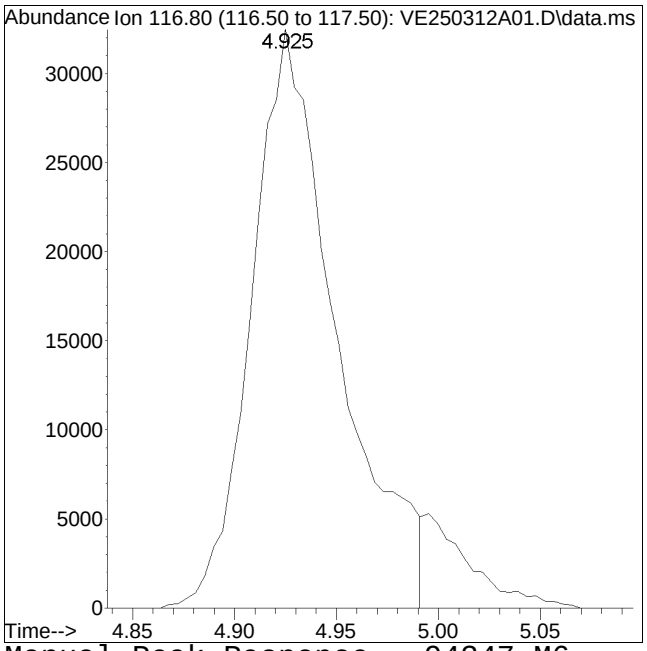
Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A01.D
Date Inj'd : 3/12/2025 9:27 am
Sample : WG2039699-3,31,10,10

QMethod : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 3/12/2025 10:29 am

Compound #37: Carbon tetrachloride



Original Peak Response = 102534



Manual Peak Response = 94347 M6

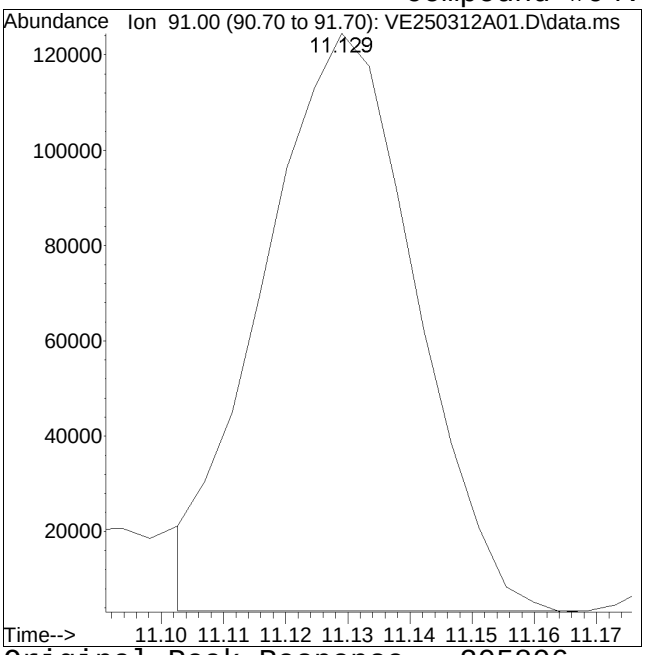
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

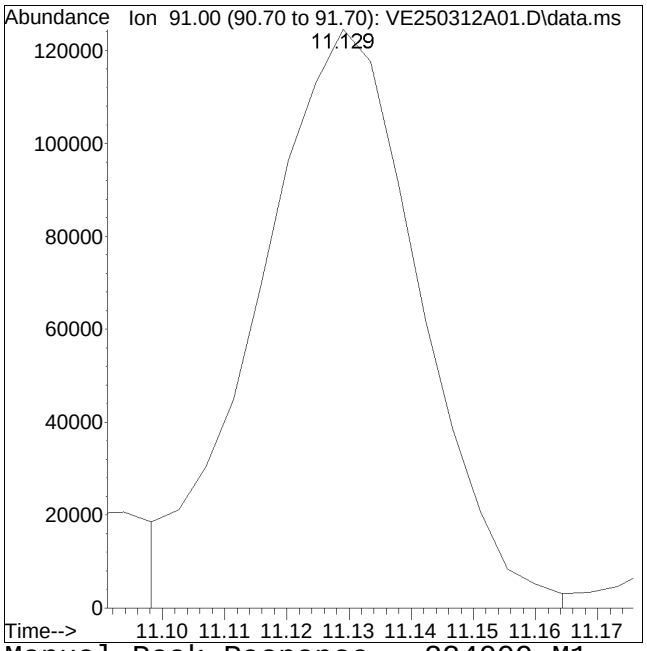
Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A01.D
Date Inj'd : 3/12/2025 9:27 am
Sample : WG2039699-3,31,10,10

QMethod : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 3/12/2025 10:29 am

Compound #94: 2-Chlorotoluene



Original Peak Response = 205806



Manual Peak Response = 224009 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A02.D
Acq On : 12 Mar 2025 7:22 am
Operator : VOA105:PID
Sample : WG2039666-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 12 08:40:42 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.598	96	337687	10.000	ug/L	0.00
Standard Area 1 = 345765			Recovery = 97.66%			
59) Chlorobenzene-d5	9.076	117	258629	10.000	ug/L	0.00
Standard Area 1 = 264279			Recovery = 97.86%			
79) 1,4-Dichlorobenzene-d4	11.868	152	145051	10.000	ug/L	0.00
Standard Area 1 = 147134			Recovery = 98.58%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.814	113	88942	9.393	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.93%			
43) 1,2-Dichloroethane-d4	5.323	65	103164	9.449	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.49%			
60) Toluene-d8	7.256	98	331178	9.835	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.35%			
83) 4-Bromofluorobenzene	10.616	95	121340	10.464	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.465	85	71688	7.110	ug/L	99
3) Chloromethane	1.636	50	87504	6.734	ug/L	100
4) Vinyl chloride	1.698	62	87225	10.017	ug/L	99
5) Bromomethane	1.973	94	26018	6.650	ug/L	99
6) Chloroethane	2.069	64	50430	11.528	ug/L	97
7) Trichlorofluoromethane	2.199	101	102286	8.759	ug/L	100
8) Ethyl ether	2.481	74	30021	12.404	ug/L	91
10) 1,1-Dichloroethene	2.652	96	58912	10.568	ug/L	98
11) Carbon disulfide	2.680	76	192954	11.227	ug/L	100
15) Methylene chloride	3.181	84	77046	9.693	ug/L	93
17) Acetone	3.242	43	13247	7.844	ug/L	98
18) trans-1,2-Dichloroethene	3.318	96	76421	10.055	ug/L	94
20) Methyl tert-butyl ether	3.414	73	156326	10.115	ug/L	94
23) 1,1-Dichloroethane	3.881	63	154073	9.559	ug/L	99
25) Acrylonitrile	3.949	53	19181	8.660	ug/L	99
27) Vinyl acetate	4.114	43	139415M6	9.679	ug/L	
28) cis-1,2-Dichloroethene	4.382	96	84451	10.216	ug/L	96
29) 2,2-Dichloropropane	4.471	77	108302	9.838	ug/L	95
30) Bromochloromethane	4.567	128	38635	9.548	ug/L	97
32) Chloroform	4.643	83	131680	9.416	ug/L	99

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A02.D
Acq On : 12 Mar 2025 7:22 am
Operator : VOA105:PID
Sample : WG2039666-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 12 08:40:42 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Carbon tetrachloride	4.753	117	98518	8.452	ug/L	97
37) 1,1,1-Trichloroethane	4.821	97	109107	8.588	ug/L	99
39) 2-Butanone	4.938	43	27317	9.738	ug/L	97
40) 1,1-Dichloropropene	4.945	75	100174	9.433	ug/L	99
41) Benzene	5.182	78	296092	10.329	ug/L	96
44) 1,2-Dichloroethane	5.393	62	95317	8.881	ug/L	99
48) Trichloroethene	5.767	95	78850	9.630	ug/L	95
50) Dibromomethane	6.205	93	39745	9.536	ug/L	96
51) 1,2-Dichloropropane	6.303	63	82936	9.485	ug/L	97
54) Bromodichloromethane	6.381	83	95349	9.295	ug/L	99
57) 1,4-Dioxane	6.593	88	17216	473.376	ug/L	93
58) cis-1,3-Dichloropropene	7.058	75	107710	9.337	ug/L	96
61) Toluene	7.312	92	181730	9.725	ug/L	98
62) 4-Methyl-2-pentanone	7.757	58	16084	8.432	ug/L	97
63) Tetrachloroethene	7.750	166	81726	9.109	ug/L	99
65) trans-1,3-Dichloropropene	7.806	75	85860	9.176	ug/L	95
68) 1,1,2-Trichloroethane	7.983	83	45838	9.962	ug/L	99
69) Chlorodibromomethane	8.187	129	67522	9.041	ug/L	99
70) 1,3-Dichloropropane	8.300	76	94993	9.827	ug/L	97
71) 1,2-Dibromoethane	8.462	107	53141	9.622	ug/L	99
72) 2-Hexanone	8.759	43	26578	8.546	ug/L	99
73) Chlorobenzene	9.097	112	213025	9.548	ug/L	97
74) Ethylbenzene	9.133	91	351034	9.764	ug/L	98
75) 1,1,1,2-Tetrachloroethane	9.182	131	72559	8.992	ug/L	99
76) p/m Xylene	9.323	106	274033	19.680	ug/L	99
77) o Xylene	9.867	106	263243	19.733	ug/L	99
78) Styrene	9.944	104	431685	20.013	ug/L	97
80) Bromoform	9.972	173	37094	8.137	ug/L	98
82) Isopropylbenzene	10.269	105	352795	9.930	ug/L	100
84) Bromobenzene	10.729	156	85655	9.732	ug/L	99
85) n-Propylbenzene	10.778	91	413029	10.061	ug/L	99
87) 1,1,2,2-Tetrachloroethane	10.892	83	61485	10.055	ug/L	97
88) 4-Ethyltoluene	10.913	105	349961	10.018	ug/L	99
89) 2-Chlorotoluene	10.948	91	243809M6	9.994	ug/L	
90) 1,3,5-Trimethylbenzene	11.012	105	295064	9.625	ug/L	98
91) 1,2,3-Trichloropropane	11.026	75	48559M4	10.011	ug/L	
92) trans-1,4-Dichloro-2-b...	11.090	53	18982	8.757	ug/L	90
93) 4-Chlorotoluene	11.146	91	246670	9.802	ug/L	98
94) tert-Butylbenzene	11.366	119	260391	9.734	ug/L	99

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A02.D
Acq On : 12 Mar 2025 7:22 am
Operator : VOA105:PID
Sample : WG2039666-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 12 08:40:42 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97) 1,2,4-Trimethylbenzene	11.450	105	287082	9.822	ug/L	100
98) sec-Butylbenzene	11.556	105	370427	9.829	ug/L	100
99) p-Isopropyltoluene	11.719	119	330656	9.883	ug/L	100
100) 1,3-Dichlorobenzene	11.790	146	171557	9.691	ug/L	99
101) 1,4-Dichlorobenzene	11.882	146	174484	9.592	ug/L	98
102) p-Diethylbenzene	12.101	119	188613	9.603	ug/L	99
103) n-Butylbenzene	12.165	91	264744	9.998	ug/L	99
104) 1,2-Dichlorobenzene	12.313	146	156007	9.735	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.908	119	262781	8.792	ug/L	100
106) 1,2-Dibromo-3-chloropr...	13.113	155	8754	8.734	ug/L	98
108) Hexachlorobutadiene	13.714	225	39002	9.453	ug/L	98
109) 1,2,4-Trichlorobenzene	13.742	180	97151	9.899	ug/L	99
110) Naphthalene	14.032	128	198152	10.072	ug/L	100
111) 1,2,3-Trichlorobenzene	14.202	180	82568	10.030	ug/L	99

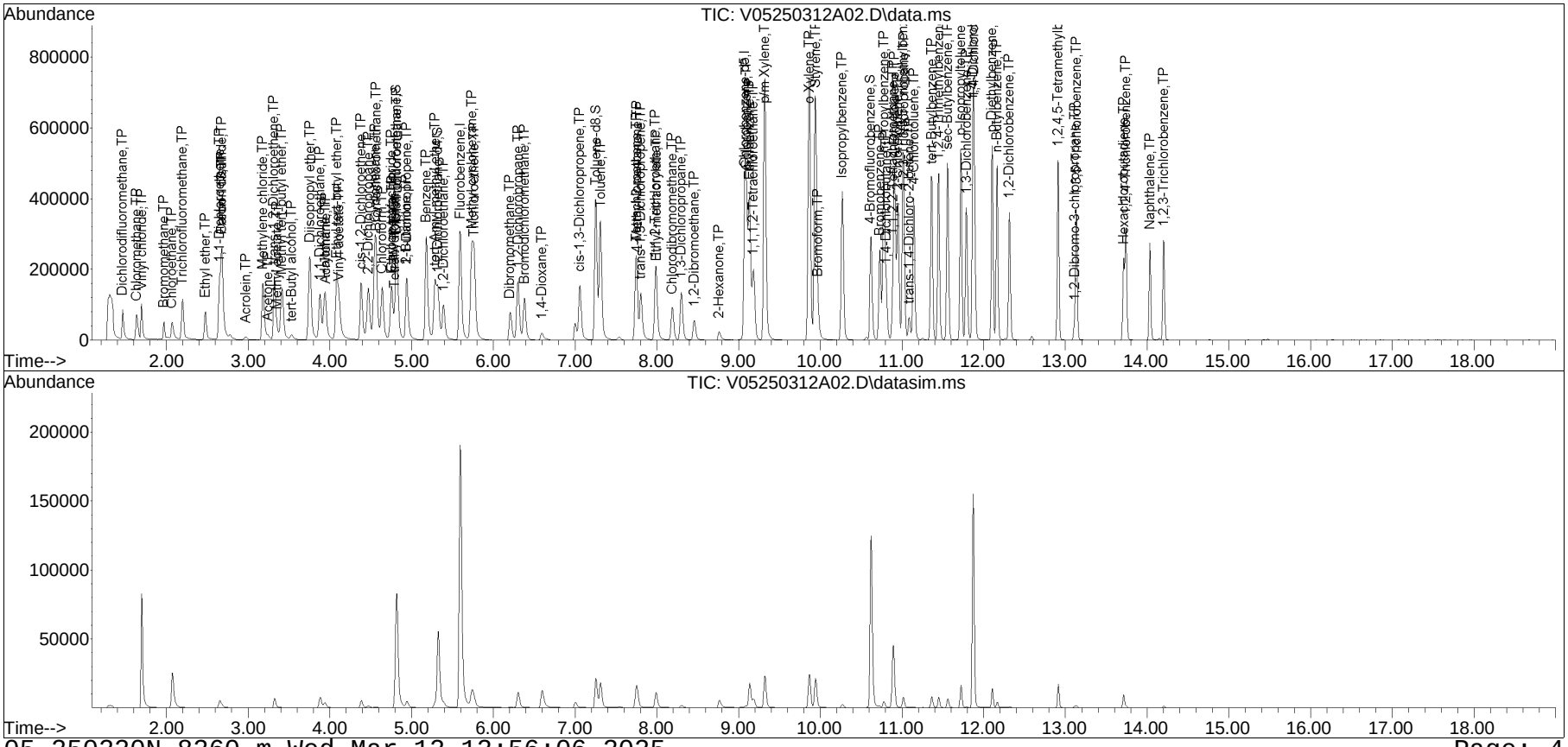
(#) = qualifier out of range (m) = manual integration (+) = signals summed

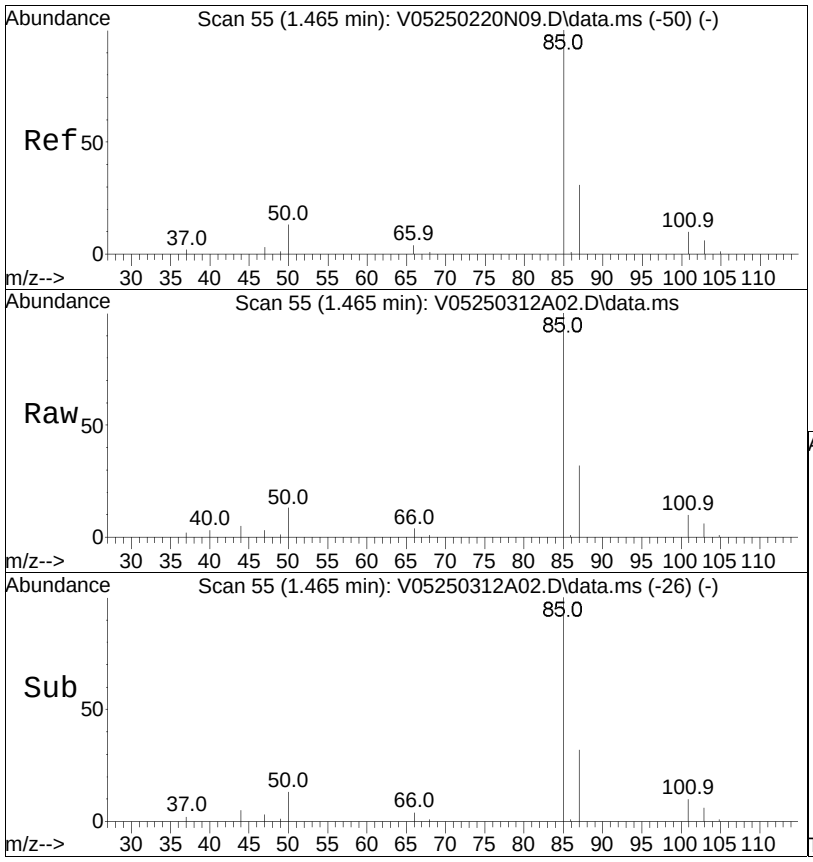
Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A02.D
Acq On : 12 Mar 2025 7:22 am
Operator : VOA105:PID
Sample : WG2039666-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 12 08:40:42 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

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

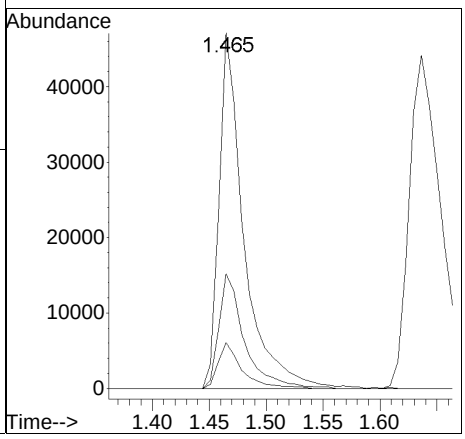


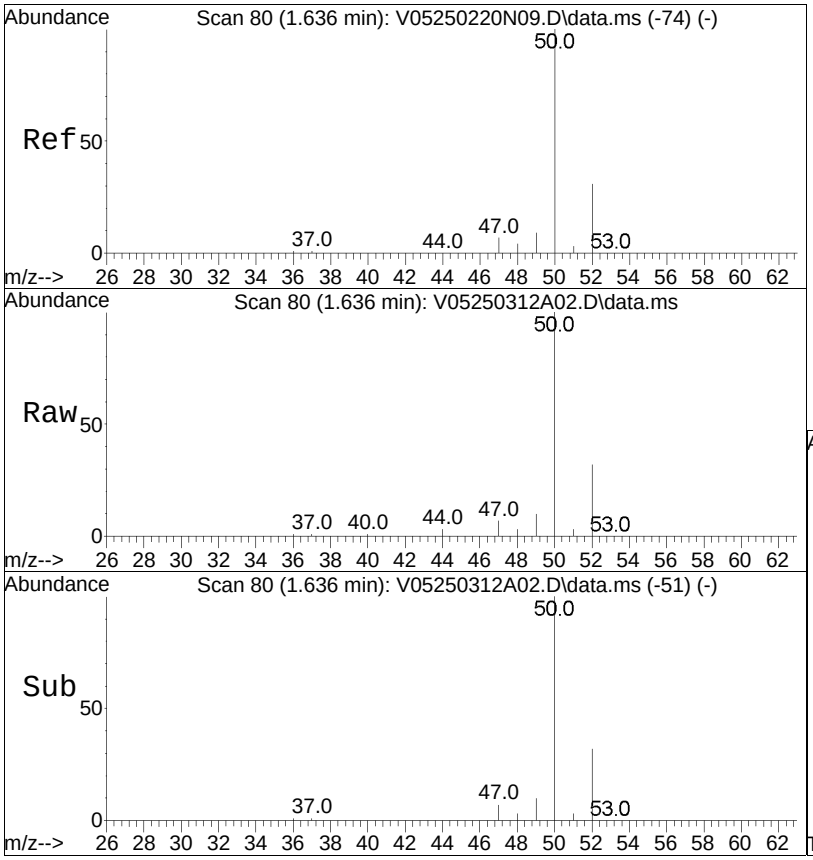


#2
Dichlorodifluoromethane
Concen: 7.11 ug/L
RT: 1.465 min Scan# 55
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 85 Resp: 71688

Ion	Ratio	Lower	Upper
85	100		
87	32.9	20.8	43.2
50	12.3	8.0	16.6

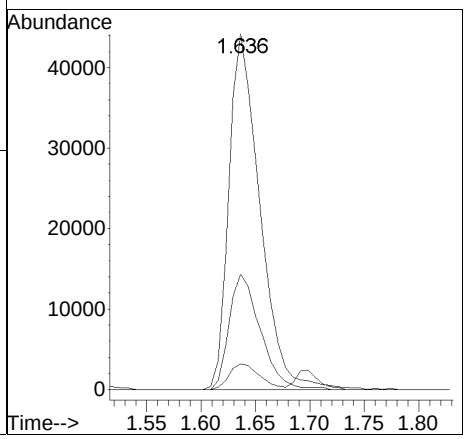


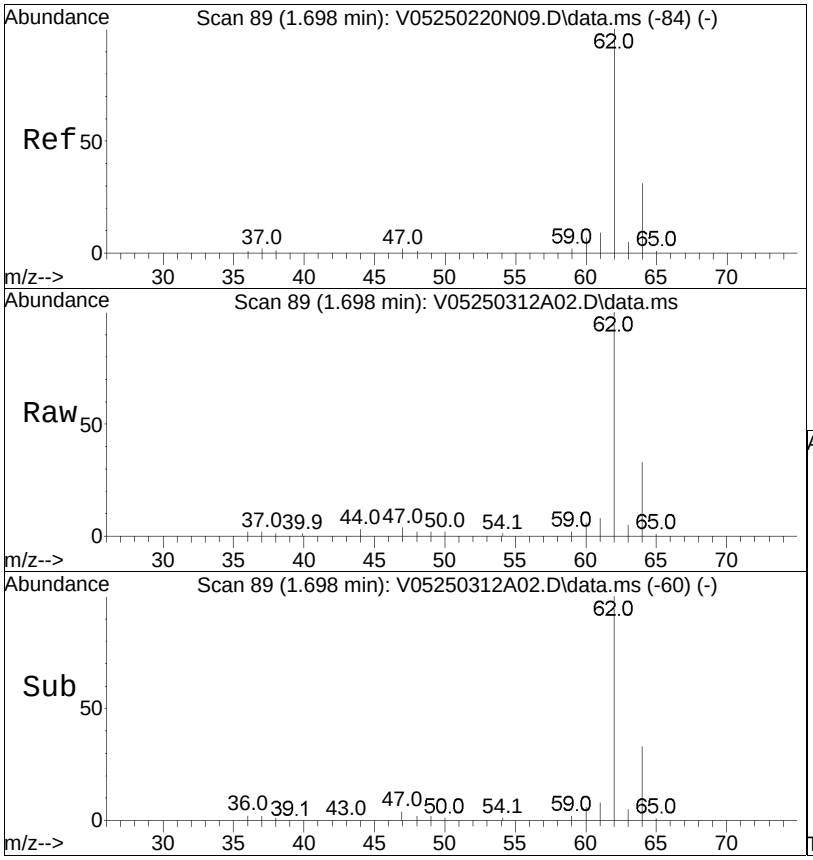


#3
Chloromethane
Concen: 6.73 ug/L
RT: 1.636 min Scan# 80
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 50 Resp: 87504

Ion	Ratio	Lower	Upper
50	100		
52	32.5	12.6	52.6
47	7.1	0.0	27.3

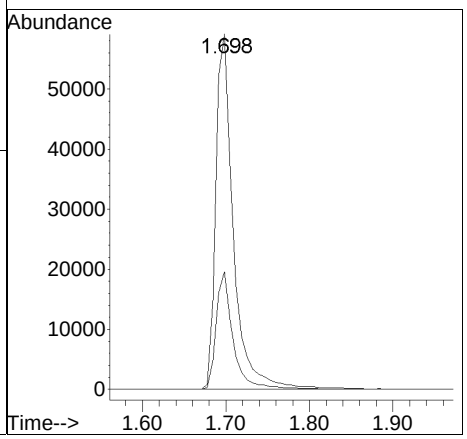


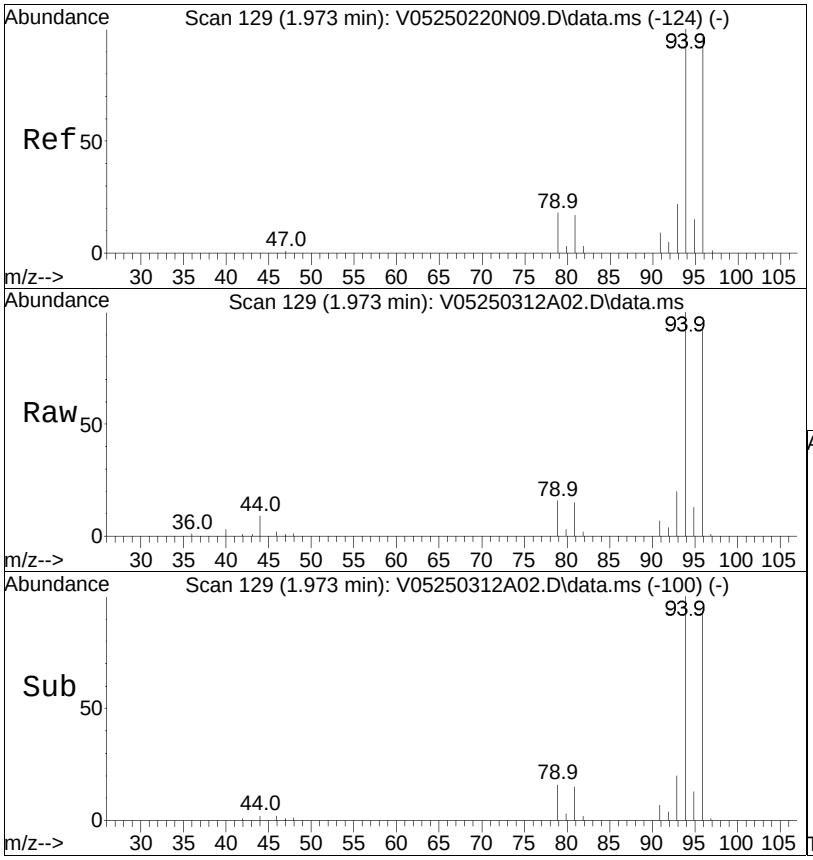


#4
Vinyl chloride
Concen: 10.02 ug/L
RT: 1.698 min Scan# 89
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 62 Resp: 87225

Ion	Ratio	Lower	Upper
62	100		
64	31.7	11.0	51.0

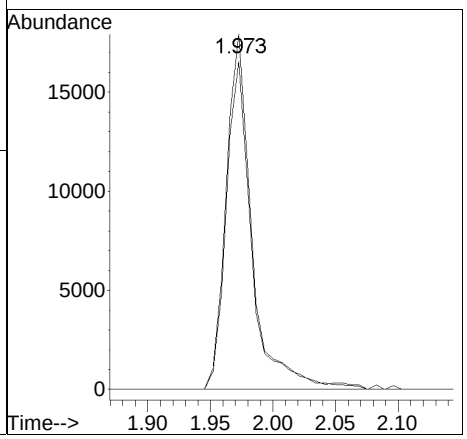


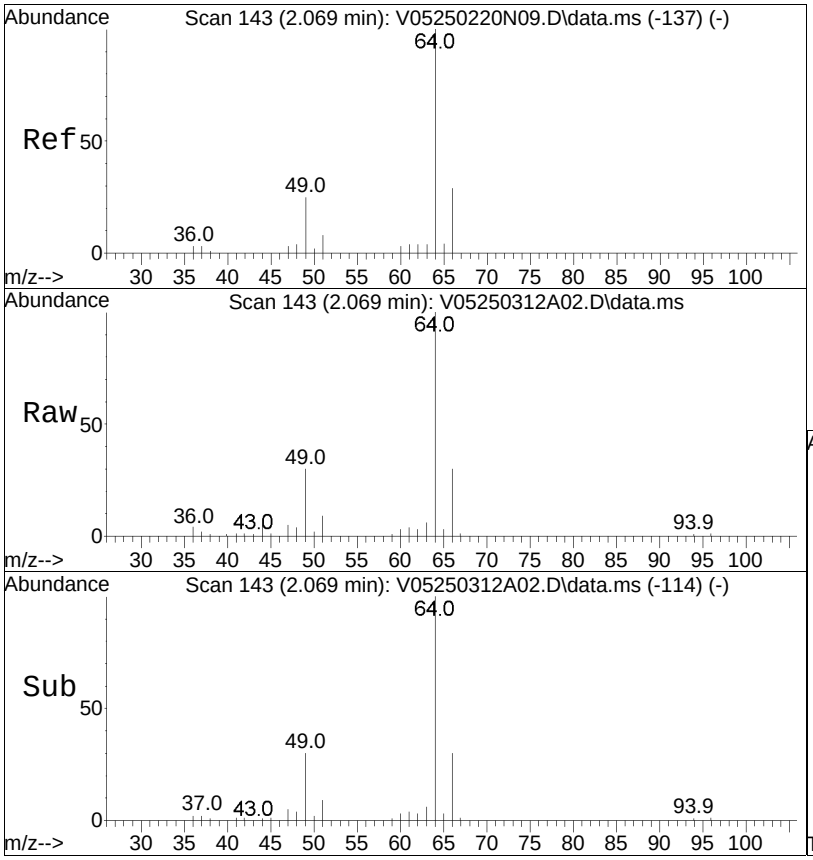


#5
Bromomethane
Concen: 6.65 ug/L
RT: 1.973 min Scan# 129
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 94 Resp: 26018

Ion	Ratio	Lower	Upper
94	100		
96	91.8	72.9	112.9

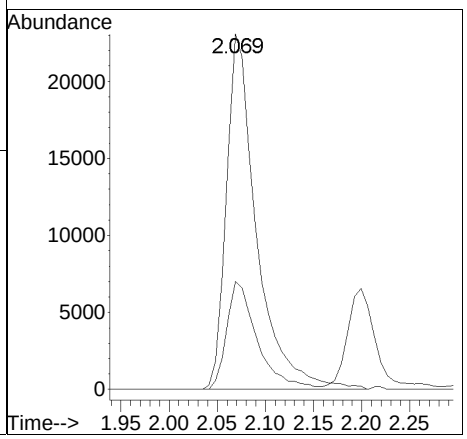


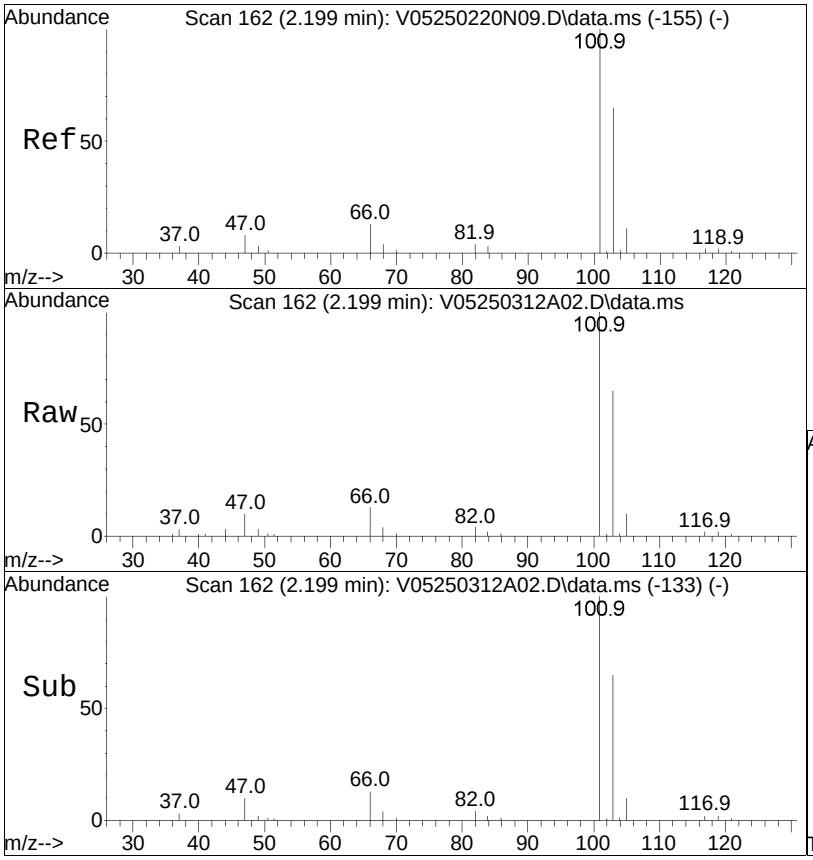


#6
Chloroethane
Concen: 11.53 ug/L
RT: 2.069 min Scan# 143
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 64 Resp: 50430

Ion	Ratio	Lower	Upper
64	100		
66	30.7	9.2	49.2

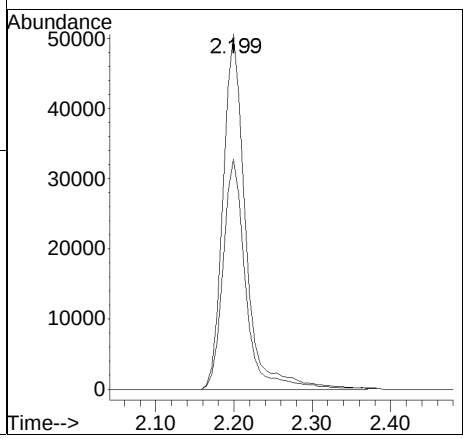


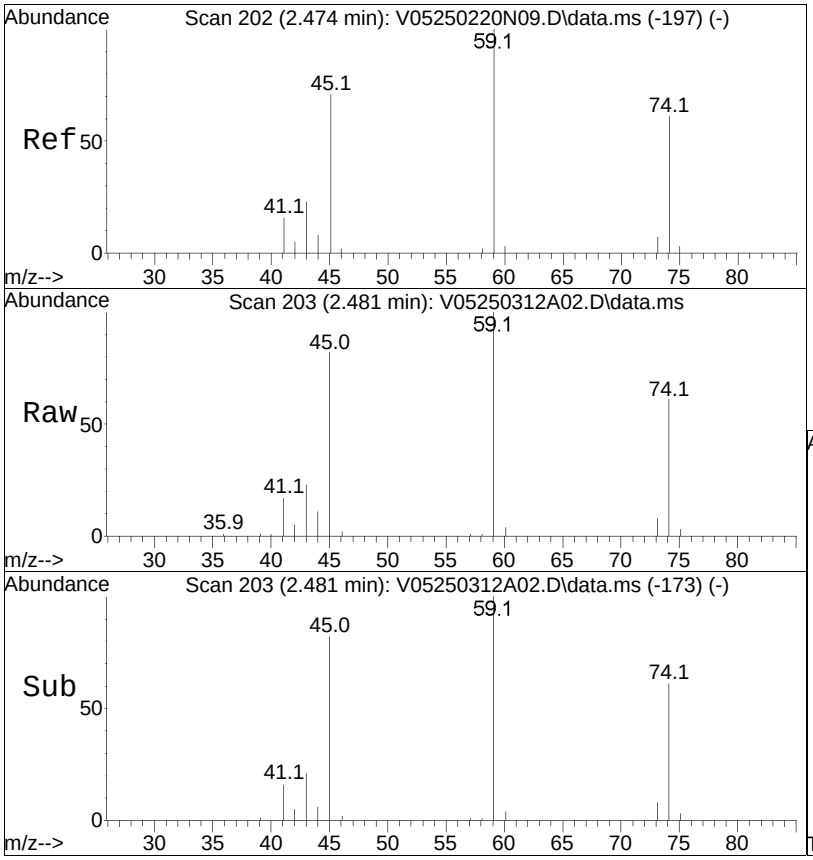


#7
Trichlorofluoromethane
Concen: 8.76 ug/L
RT: 2.199 min Scan# 162
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:101 Resp: 102286

Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.4	78.6

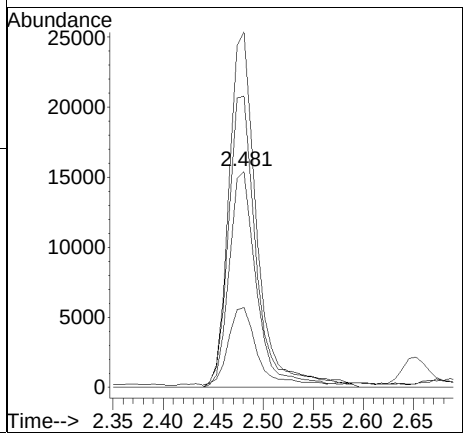


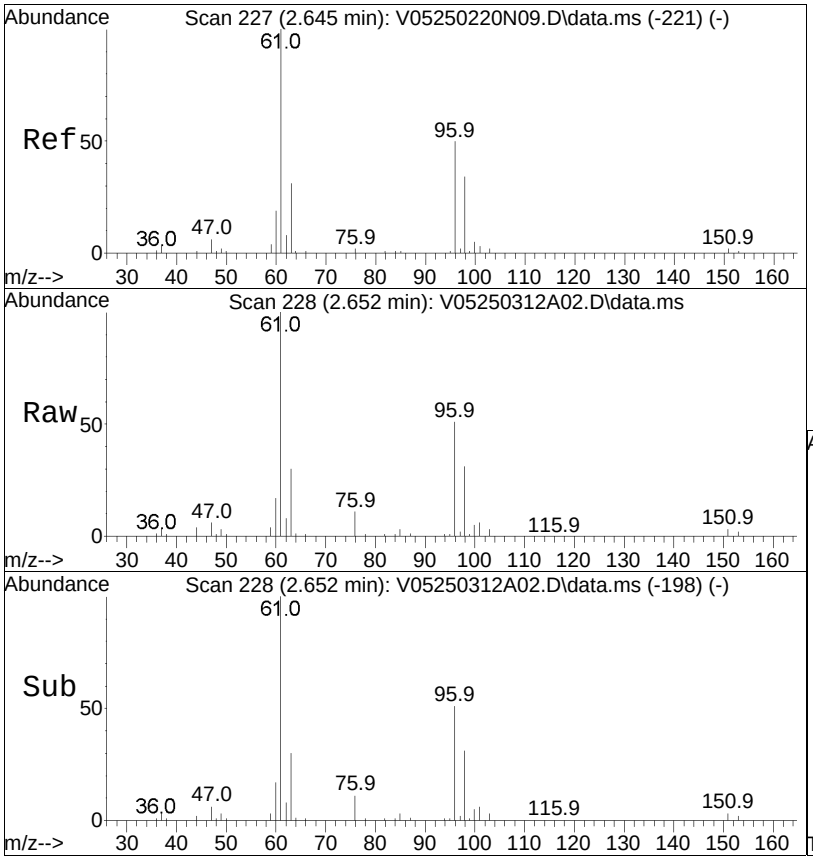


#8
Ethyl ether
Concen: 12.40 ug/L
RT: 2.481 min Scan# 203
Delta R.T. 0.007 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 74 Resp: 30021

Ion	Ratio	Lower	Upper
74	100		
59	165.5	111.5	231.7
45	138.0	78.1	162.3
43	37.3	26.7	55.4

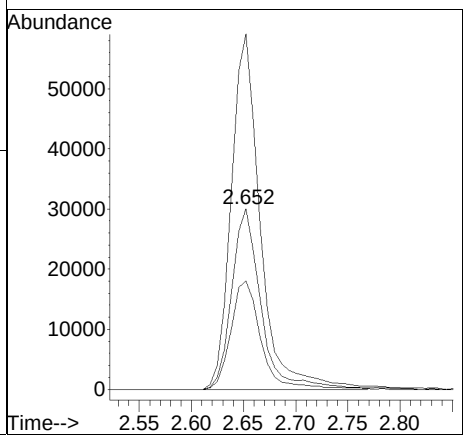


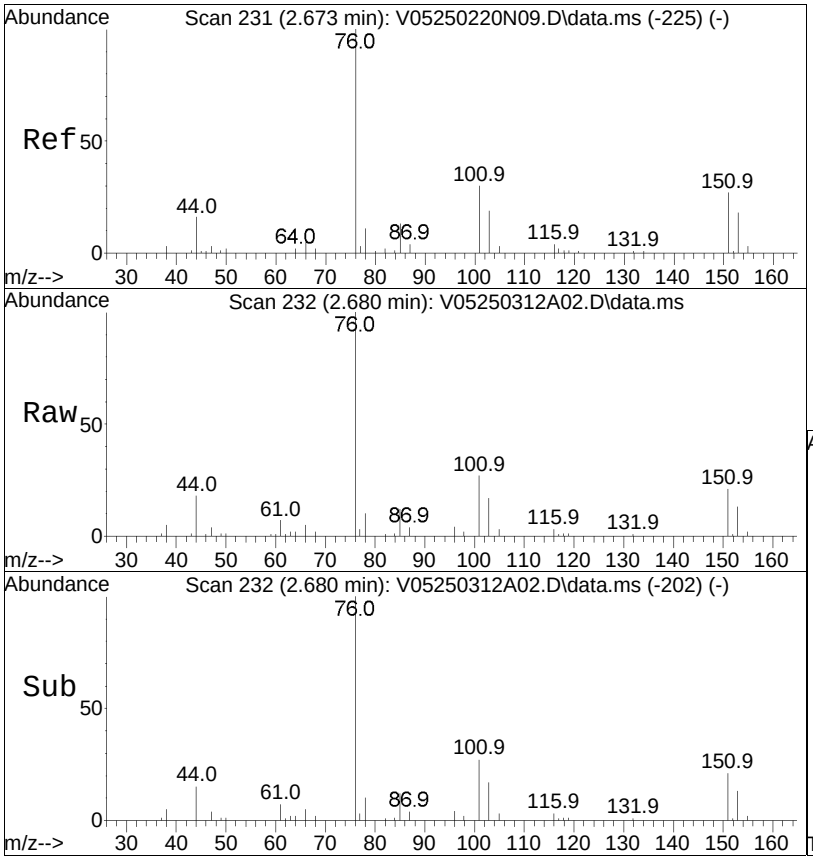


#10
1,1-Dichloroethene
Concen: 10.57 ug/L
RT: 2.652 min Scan# 228
Delta R.T. 0.007 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 96 Resp: 58912

Ion	Ratio	Lower	Upper
96	100		
61	196.9	156.0	234.0
63	61.7	47.4	71.2

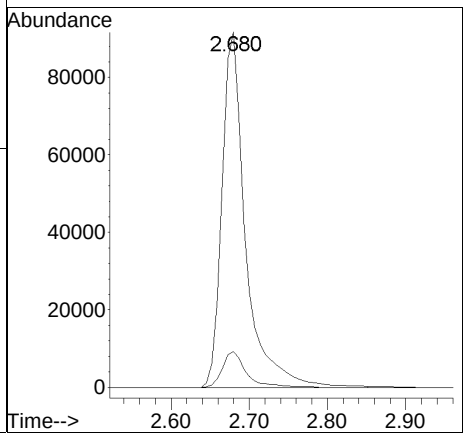


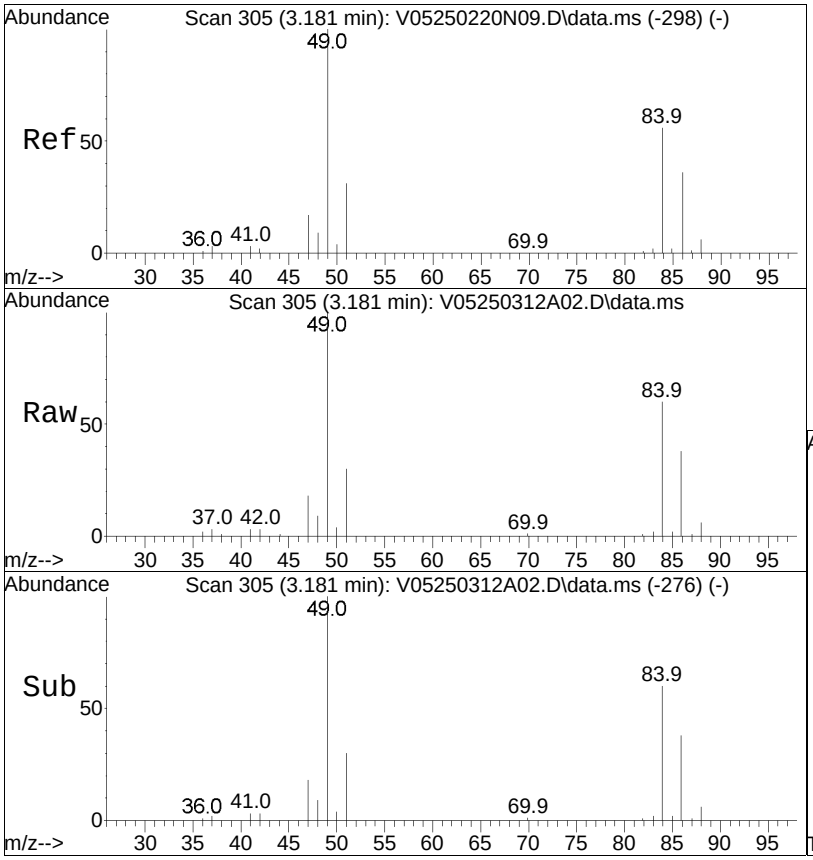


#11
Carbon disulfide
Concen: 11.23 ug/L
RT: 2.680 min Scan# 232
Delta R.T. 0.007 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 76 Resp: 192954

Ion	Ratio	Lower	Upper
76	100		
78	10.2	6.6	13.6

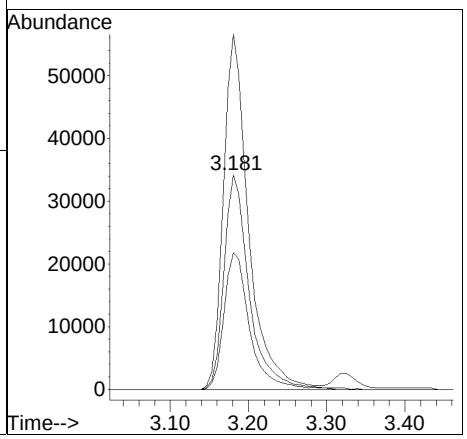


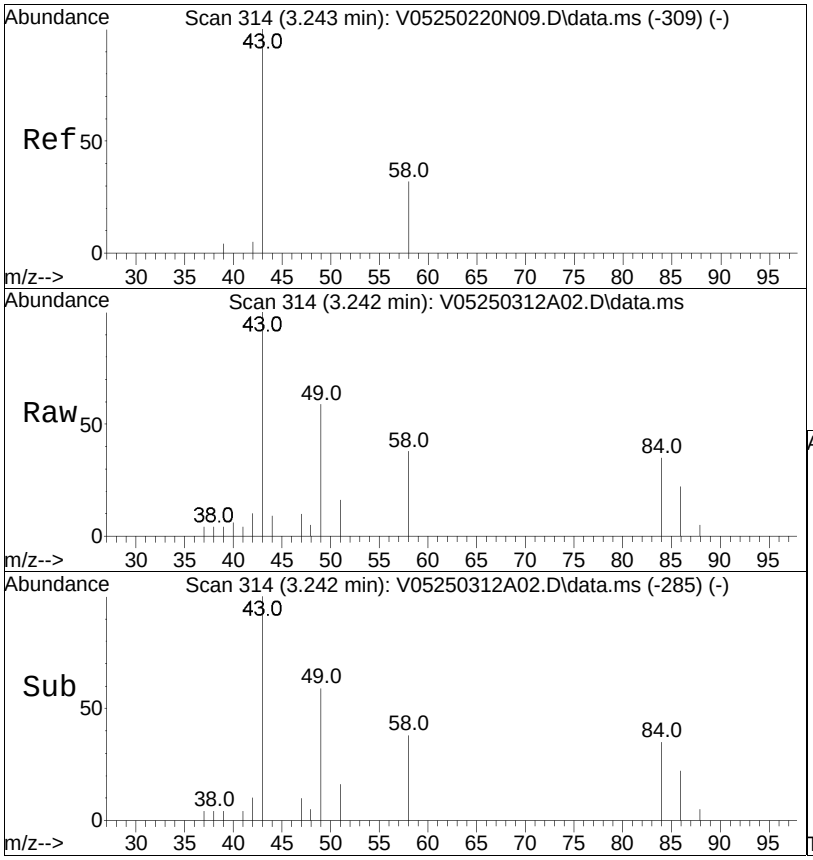


#15
Methylene chloride
Concen: 9.69 ug/L
RT: 3.181 min Scan# 305
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 84 Resp: 77046

Ion	Ratio	Lower	Upper
84	100		
86	64.6	41.3	85.7
49	164.4	115.6	240.2

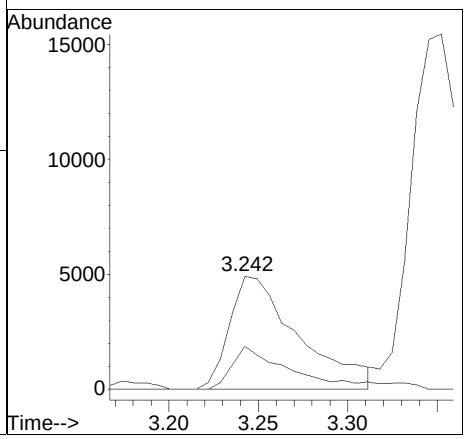


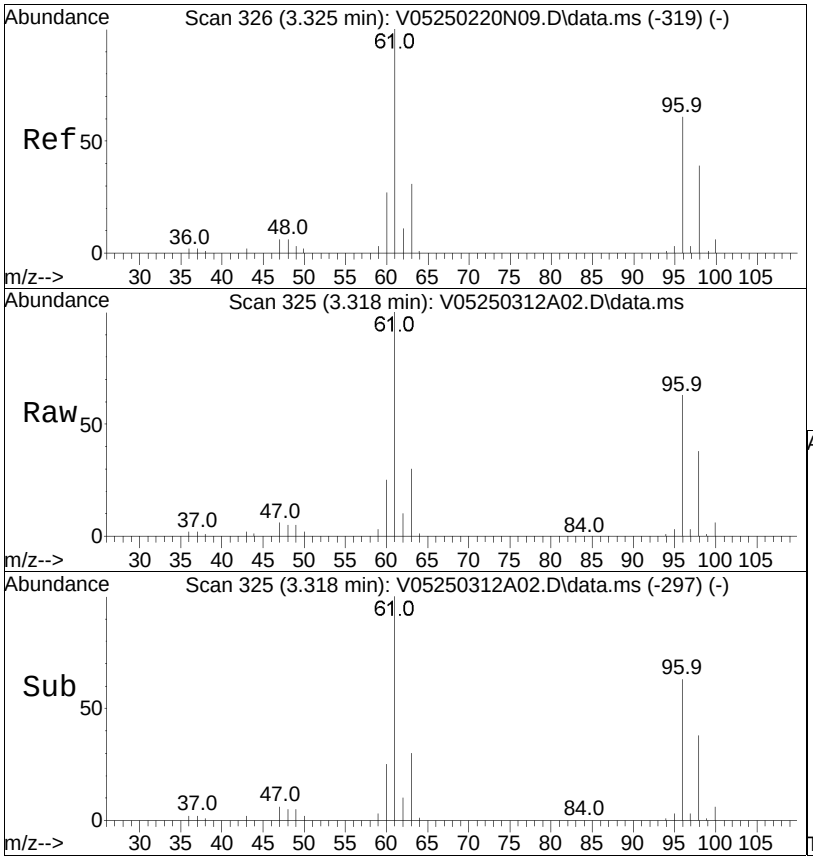


#17
Acetone
Concen: 7.84 ug/L
RT: 3.242 min Scan# 314
Delta R.T. -0.001 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 43 Resp: 13247

Ion	Ratio	Lower	Upper
43	100		
58	34.8	26.9	40.3

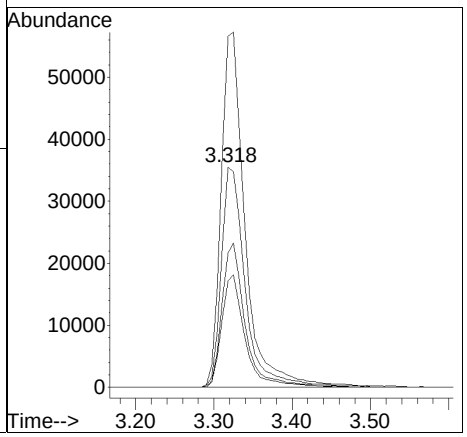


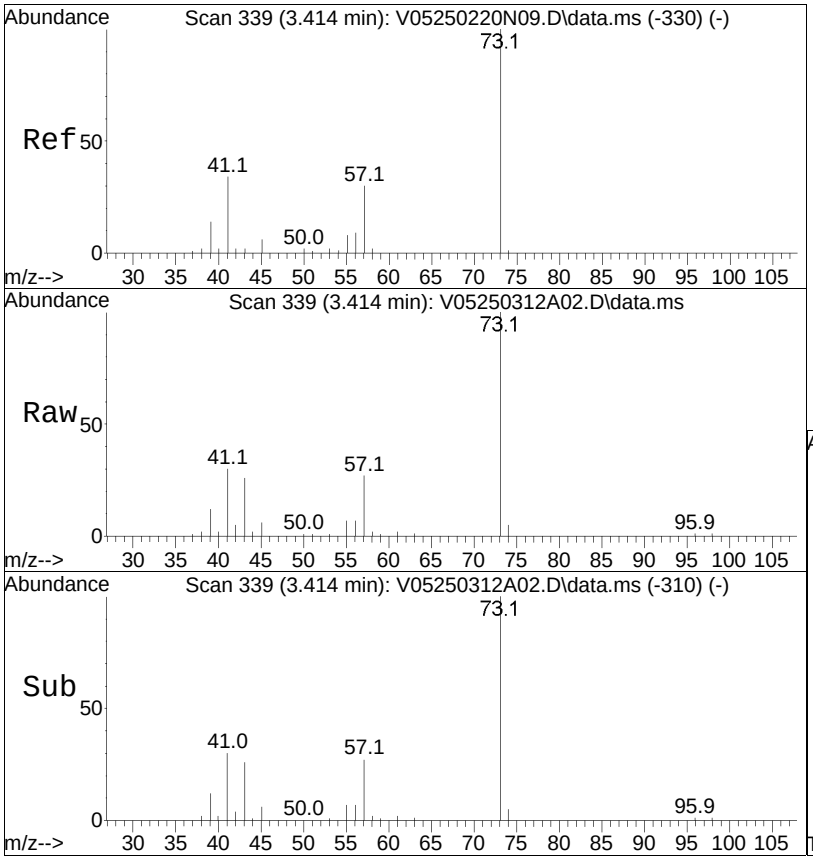


#18
trans-1,2-Dichloroethene
Concen: 10.05 ug/L
RT: 3.318 min Scan# 325
Delta R.T. -0.007 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 96 Resp: 76421

Ion	Ratio	Lower	Upper
96	100		
61	160.6	110.9	230.3
98	62.7	42.7	88.7
63	49.6	33.6	69.8

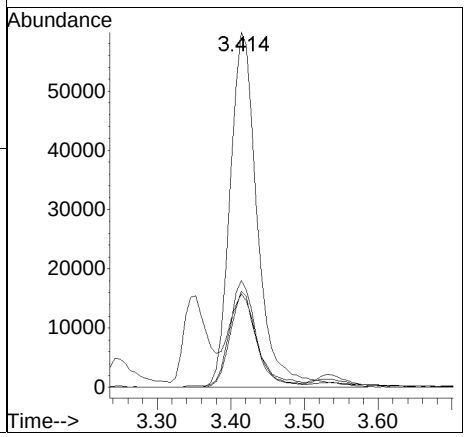


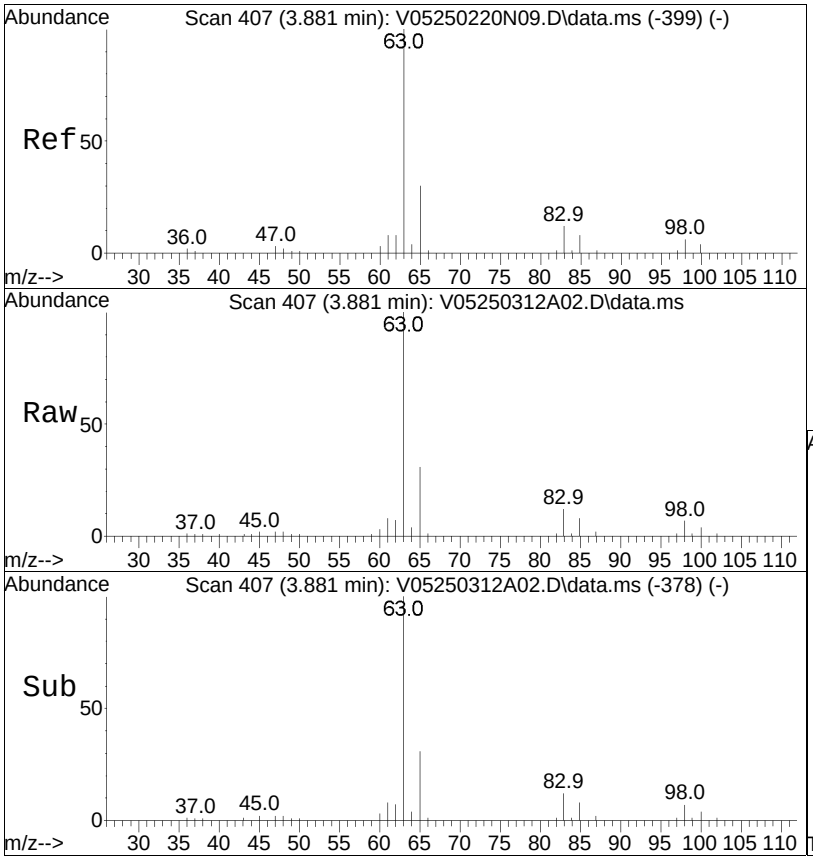


#20
Methyl tert-butyl ether
Concen: 10.12 ug/L
RT: 3.414 min Scan# 339
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 73 Resp: 156326

Ion	Ratio	Lower	Upper
73	100		
57	26.0	18.8	39.0
43	26.0	18.0	37.4
41	29.6	22.4	46.4

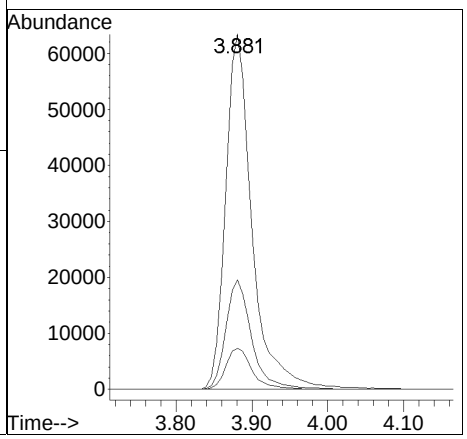


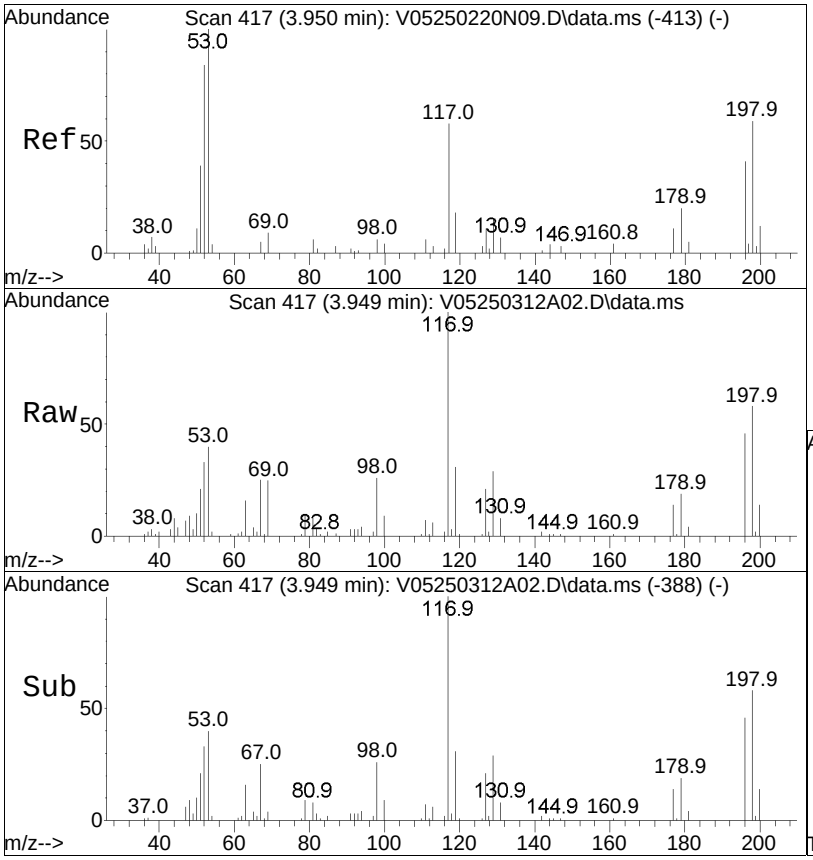


#23
1,1-Dichloroethane
Concen: 9.56 ug/L
RT: 3.881 min Scan# 407
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 63 Resp: 154073

Ion	Ratio	Lower	Upper
63	100		
65	30.1	9.5	49.5
83	11.5	0.0	31.7

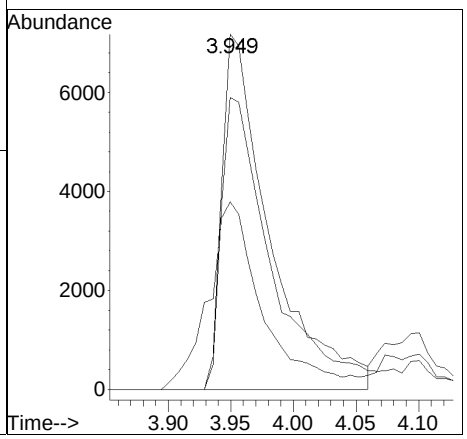


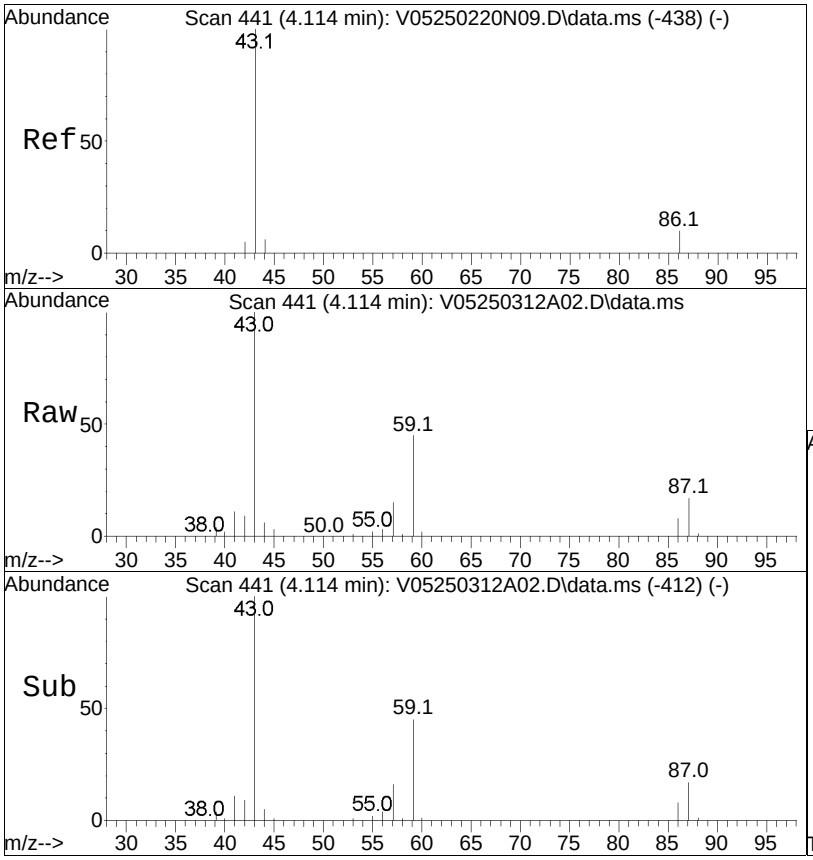


#25
Acrylonitrile
Concen: 8.66 ug/L
RT: 3.949 min Scan# 417
Delta R.T. -0.001 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 53 Resp: 19181

Ion	Ratio	Lower	Upper
53	100		
52	85.8	69.2	103.8
51	60.0	49.0	73.6

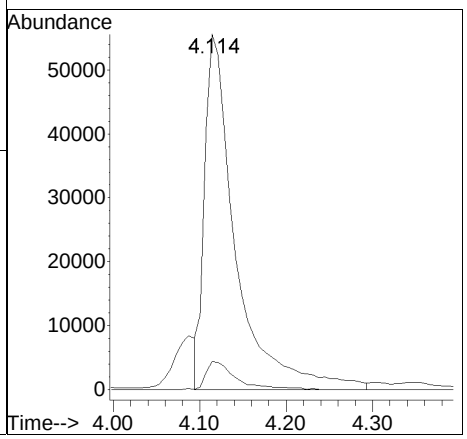


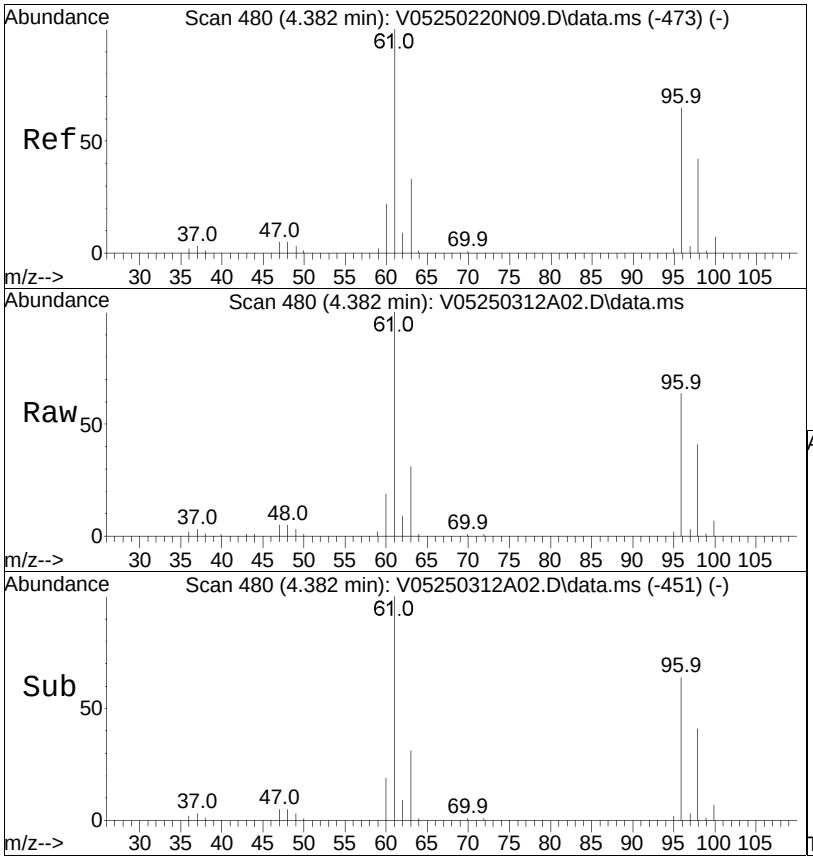


#27
Vinyl acetate
Concen: 9.68 ug/L M6
RT: 4.114 min Scan# 441
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 43 Resp: 139415

Ion	Ratio	Lower	Upper
43	100		
86	7.5	5.6	8.4

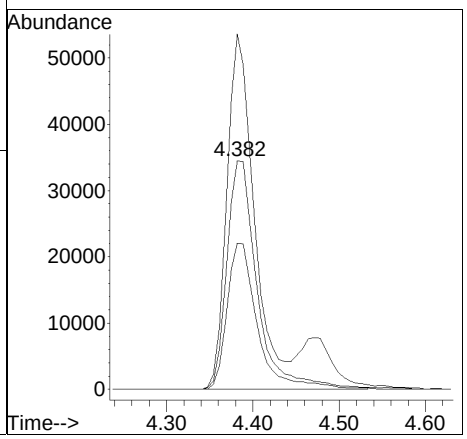


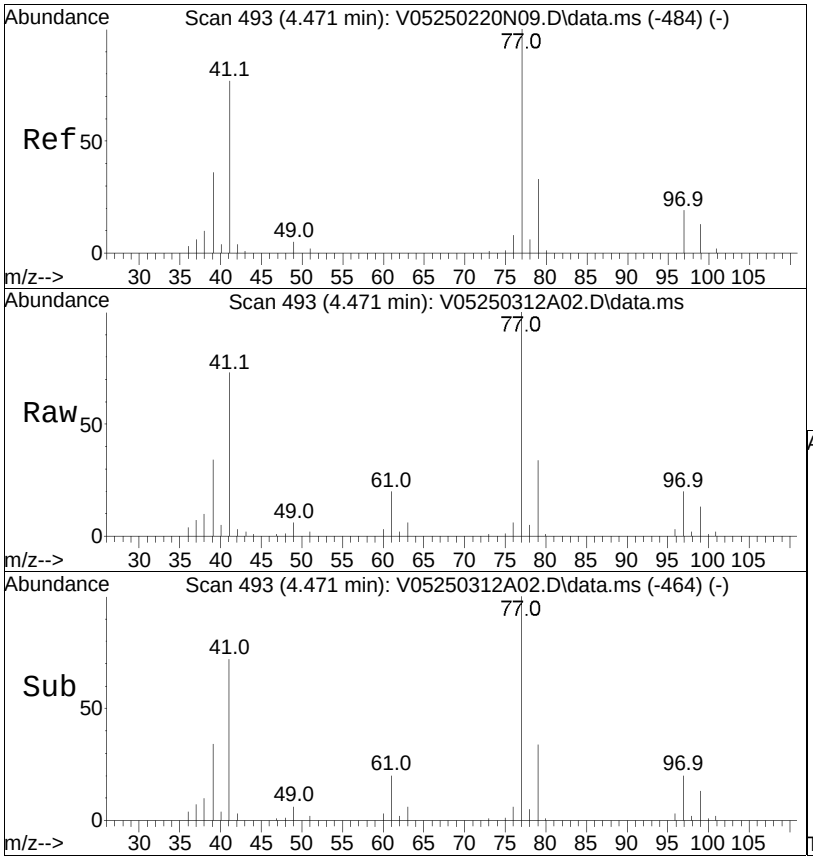


#28
cis-1,2-Dichloroethene
Concen: 10.22 ug/L
RT: 4.382 min Scan# 480
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 96 Resp: 84451

Ion	Ratio	Lower	Upper
96	100		
61	140.3	117.2	175.8
98	64.2	50.2	75.4

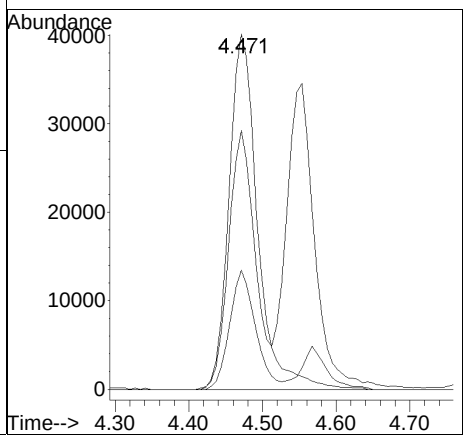


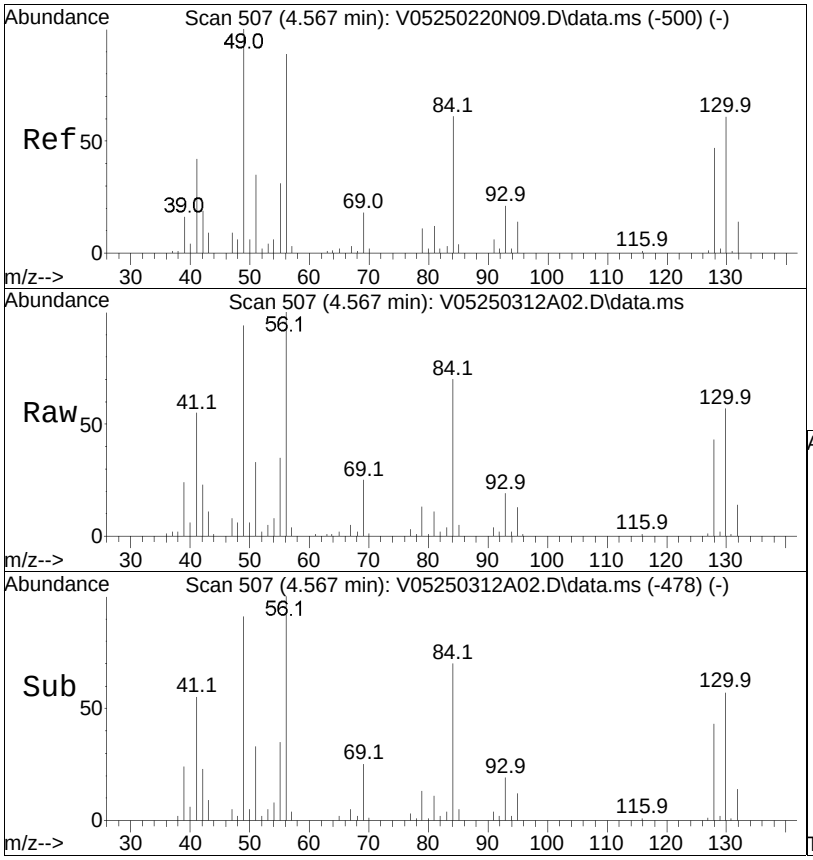


#29
2,2-Dichloropropane
Concen: 9.84 ug/L
RT: 4.471 min Scan# 493
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 77 Resp: 108302

Ion	Ratio	Lower	Upper
77	100		
41	67.3	47.8	99.4
79	30.4	20.0	41.6

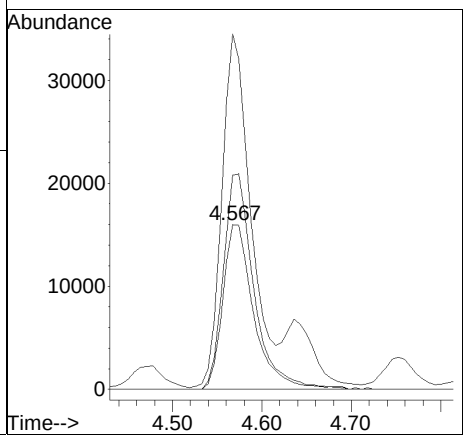


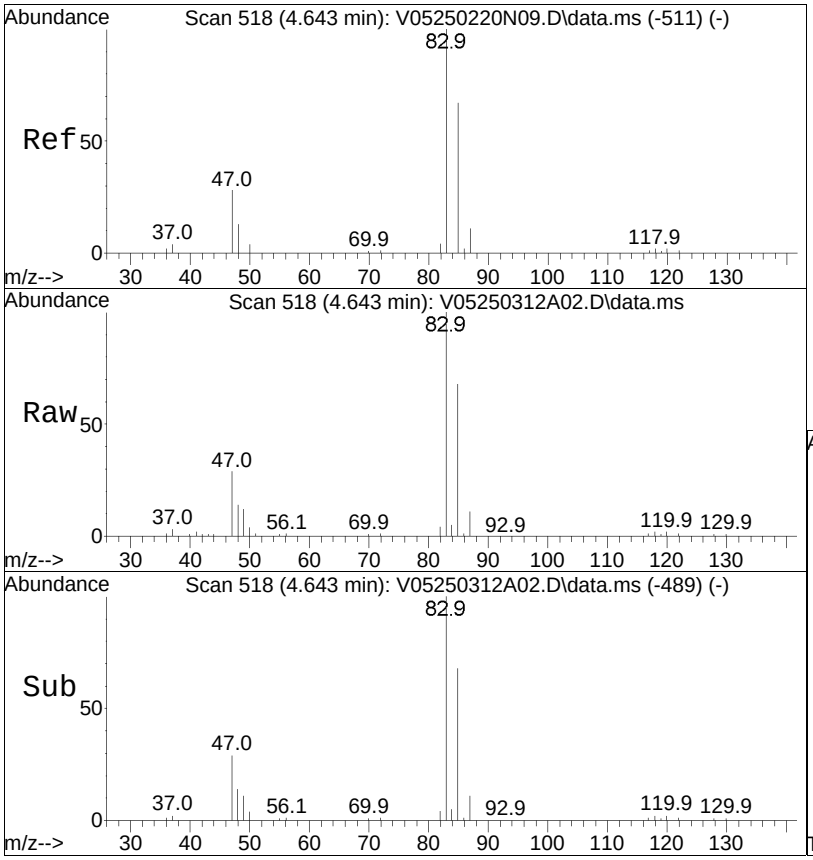


#30
Bromochloromethane
Concen: 9.55 ug/L
RT: 4.567 min Scan# 507
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:128 Resp: 38635

Ion	Ratio	Lower	Upper
128	100		
49	197.2	163.4	245.2
130	129.4	102.2	153.4

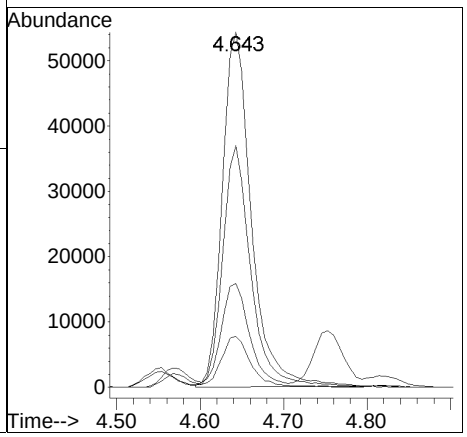


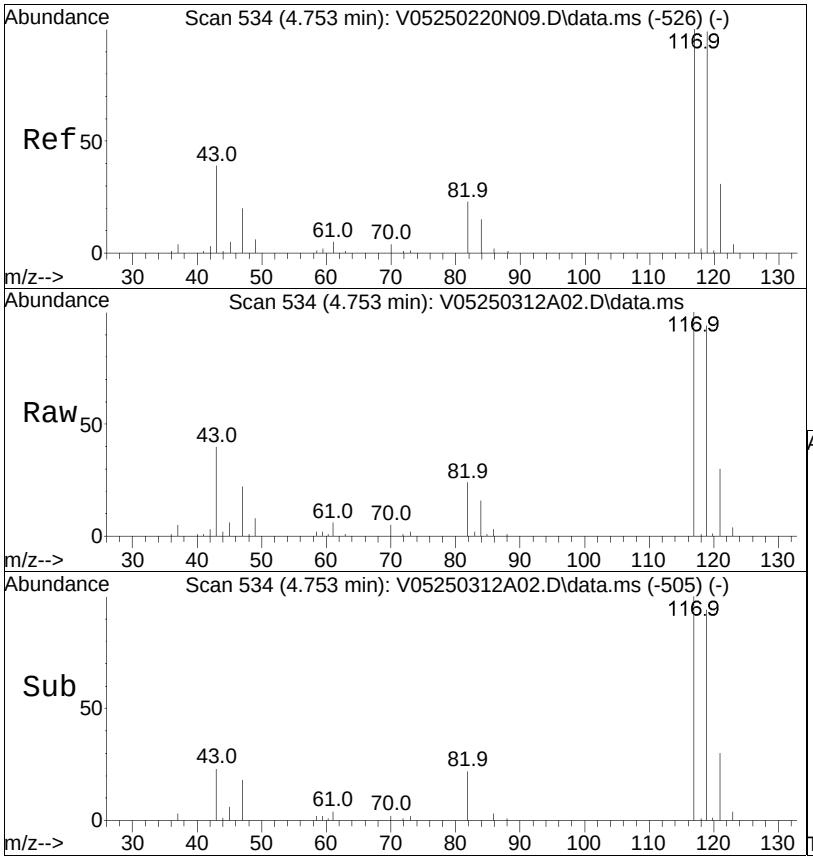


#32
Chloroform
Concen: 9.42 ug/L
RT: 4.643 min Scan# 518
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 83 Resp: 131680

Ion	Ratio	Lower	Upper
83	100		
85	66.9	43.0	89.2
47	26.8	17.6	36.6
48	14.9	9.6	19.8

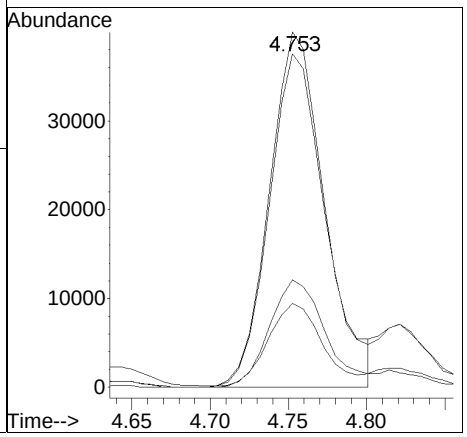


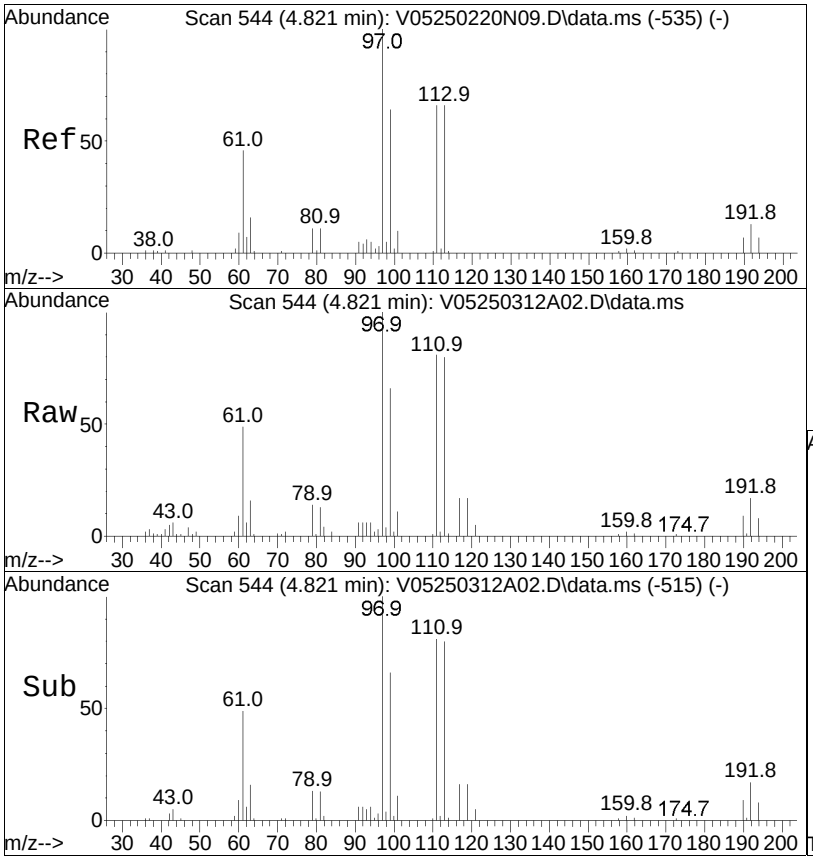


#34
Carbon tetrachloride
Concen: 8.45 ug/L
RT: 4.753 min Scan# 534
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:117 Resp: 98518

Ion	Ratio	Lower	Upper
117	100		
119	94.9	64.0	133.0
121	30.5	20.8	43.2
82	22.5	14.6	30.4

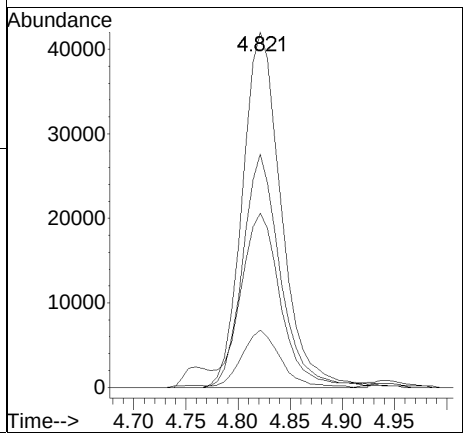


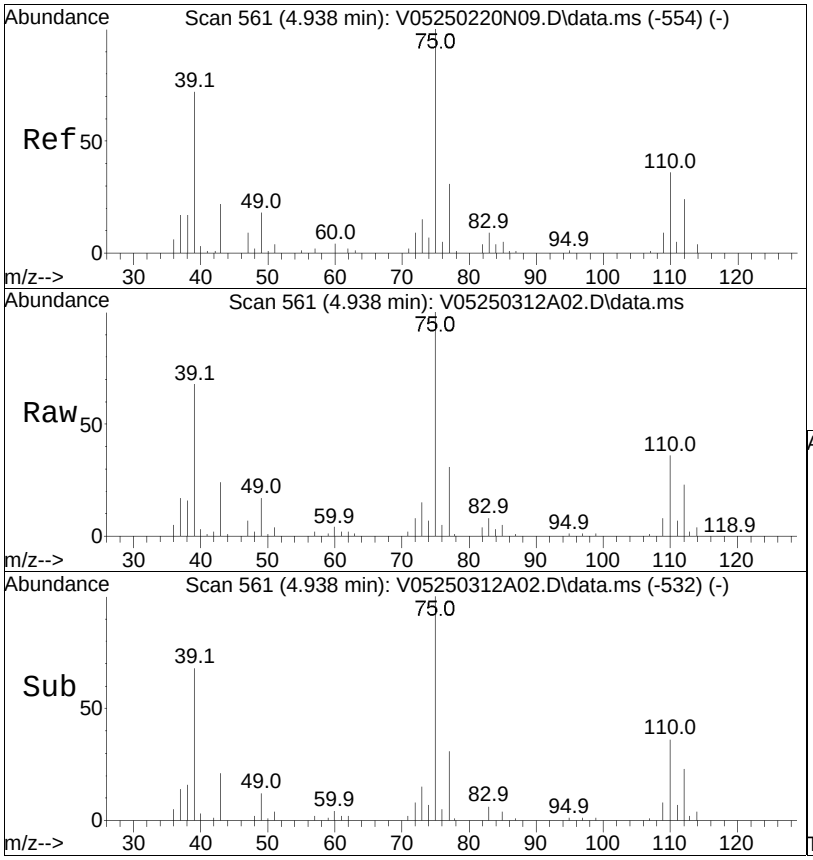


#37
1,1,1-Trichloroethane
Concen: 8.59 ug/L
RT: 4.821 min Scan# 544
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 97 Resp: 109107

Ion	Ratio	Lower	Upper
97	100		
99	63.5	41.6	86.4
61	50.7	33.5	69.5
63	15.9	10.1	20.9

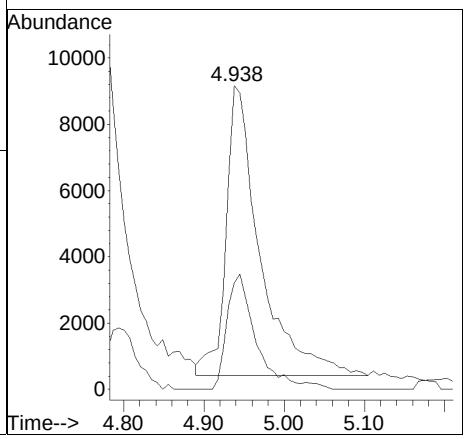


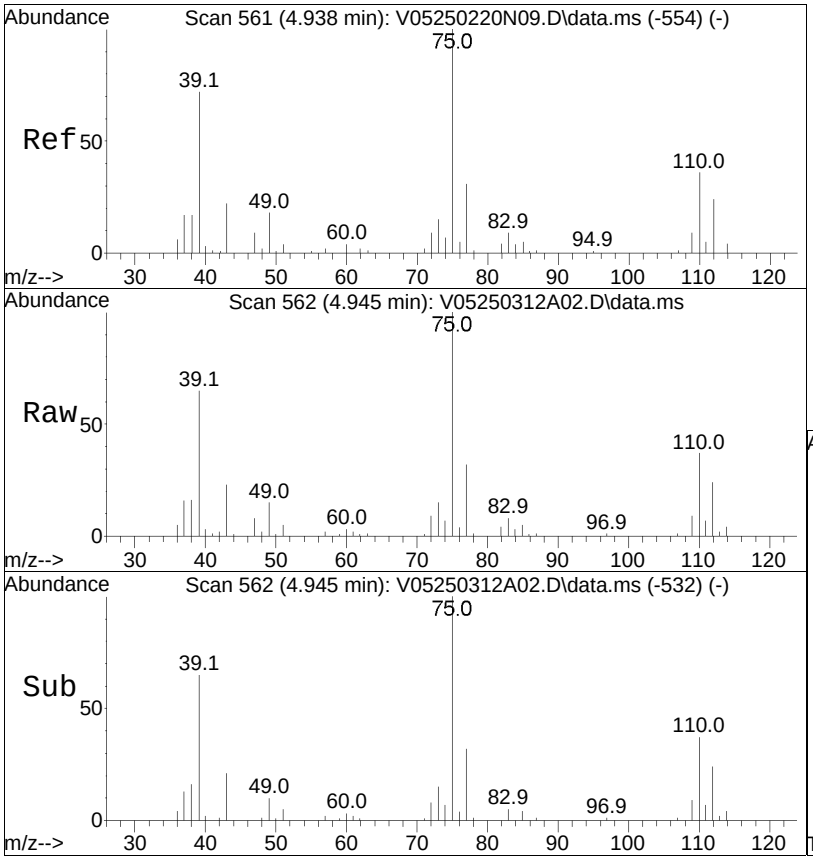


#39
2-Butanone
Concen: 9.74 ug/L
RT: 4.938 min Scan# 561
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 43 Resp: 27317

Ion	Ratio	Lower	Upper
43	100		
72	31.4	23.8	35.8

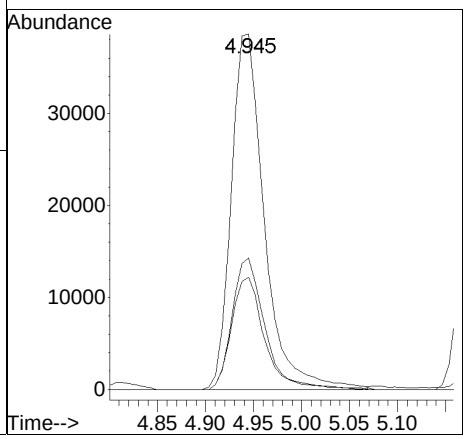


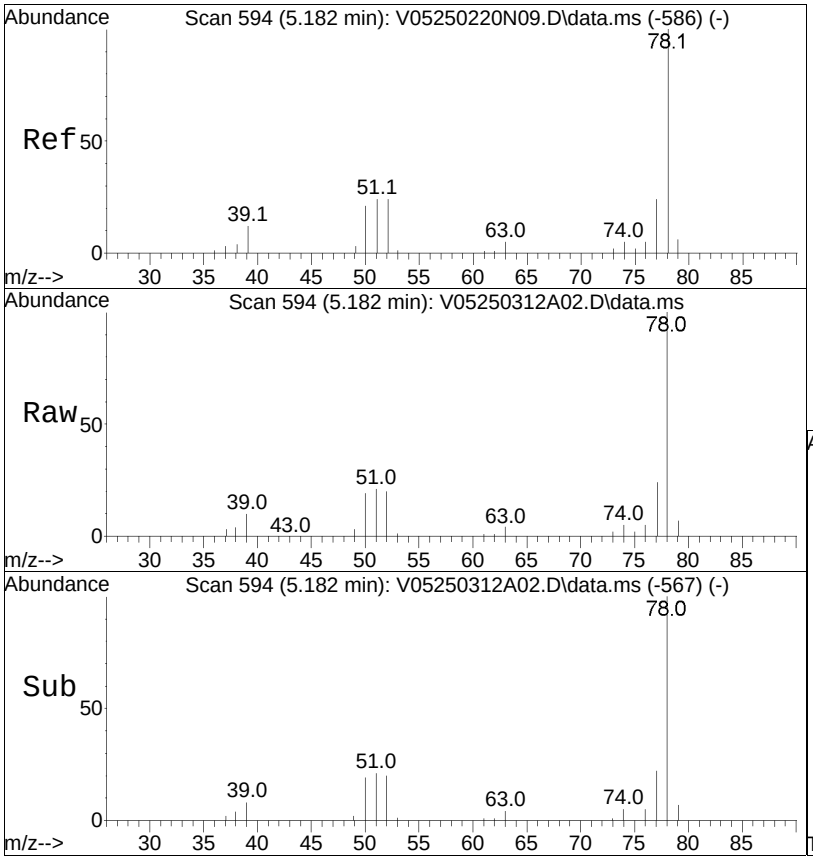


#40
1,1-Dichloropropene
Concen: 9.43 ug/L
RT: 4.945 min Scan# 562
Delta R.T. 0.007 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 75 Resp: 100174

Ion	Ratio	Lower	Upper
75	100		
110	36.5	24.6	51.0
77	31.6	20.5	42.7

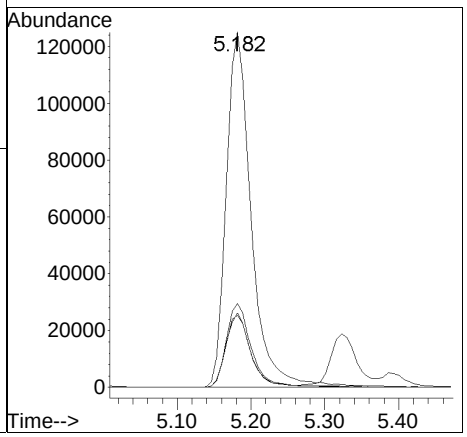


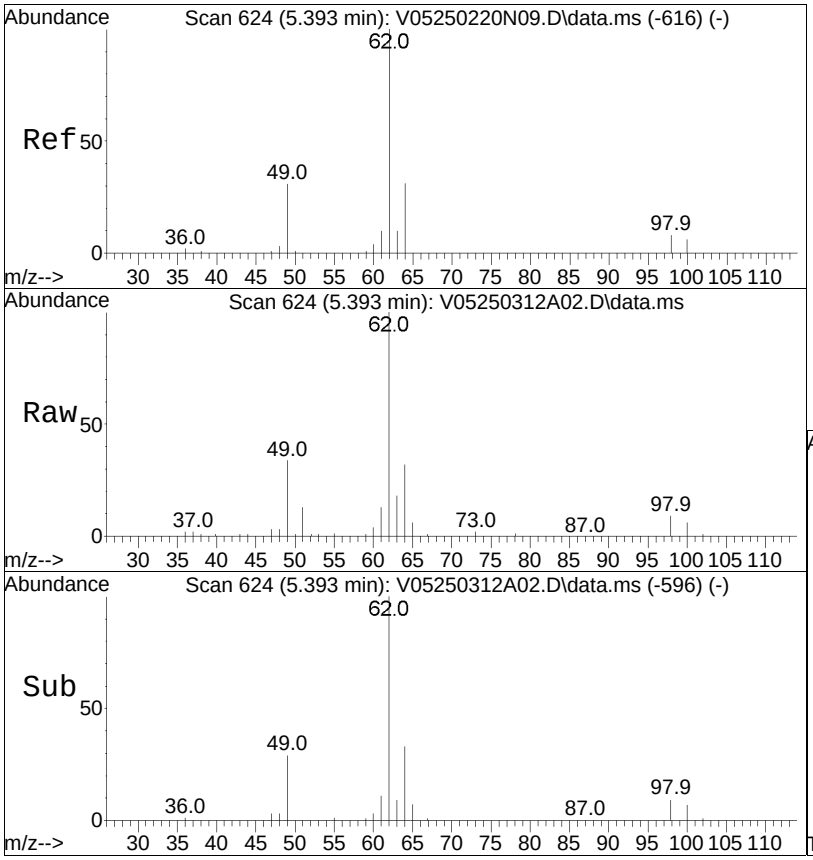


#41
Benzene
Concen: 10.33 ug/L
RT: 5.182 min Scan# 594
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 78 Resp: 296092

Ion	Ratio	Lower	Upper
78	100		
77	23.8	15.5	32.3
51	20.4	15.1	31.5
52	20.5	15.3	31.7

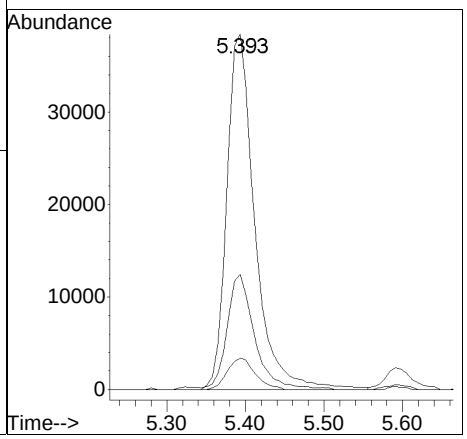


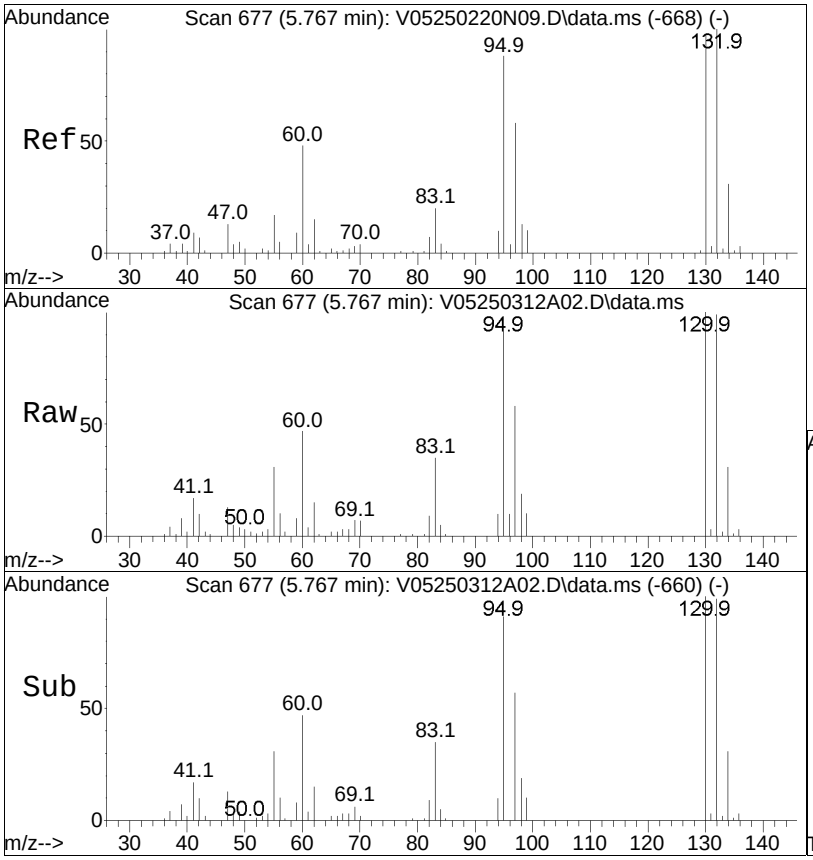


#44
1,2-Dichloroethane
Concen: 8.88 ug/L
RT: 5.393 min Scan# 624
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 62 Resp: 95317

Ion	Ratio	Lower	Upper
62	100		
64	31.6	11.3	51.3
98	8.7	0.0	27.9

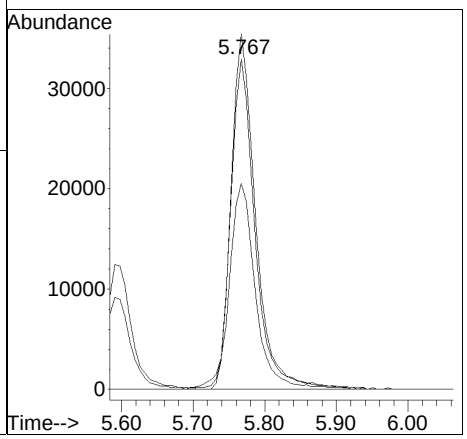


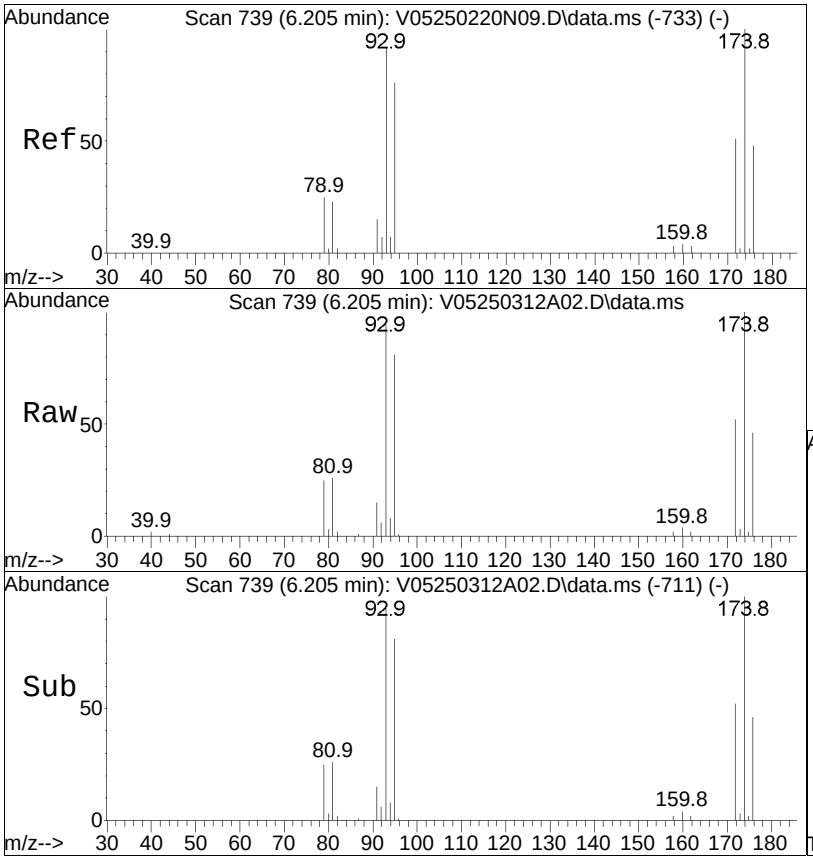


#48
Trichloroethene
Concen: 9.63 ug/L
RT: 5.767 min Scan# 677
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 95 Resp: 78850

Ion	Ratio	Lower	Upper
95	100		
97	66.5	55.8	83.8
130	107.7	90.5	135.7

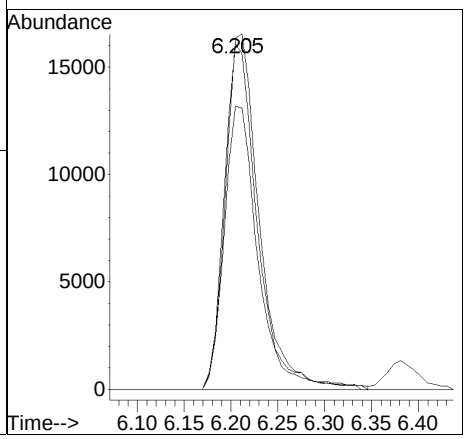


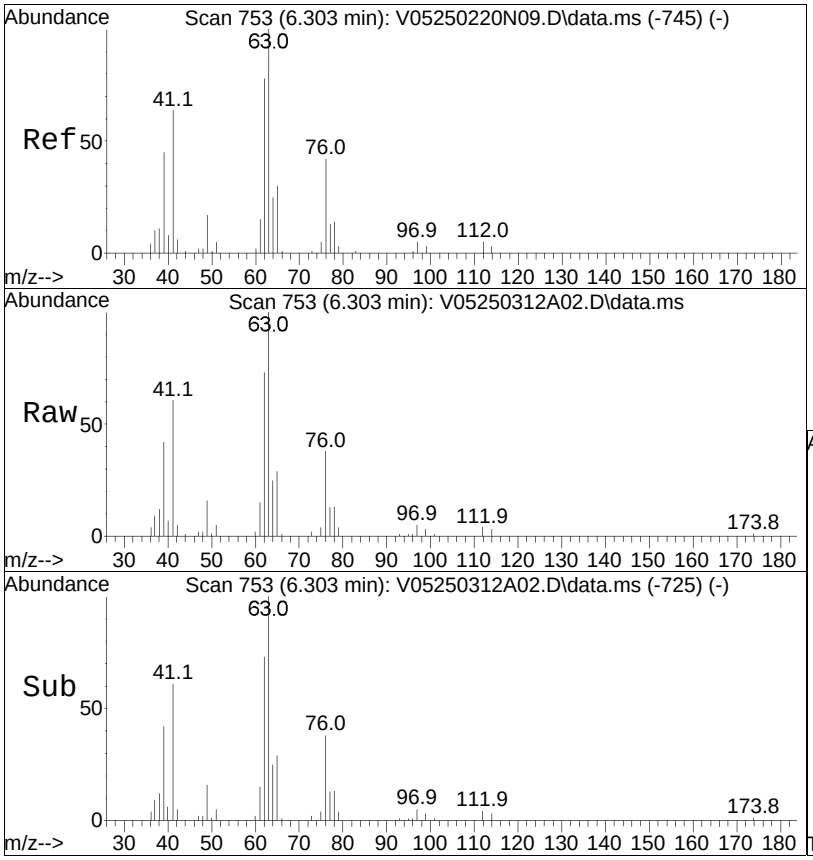


#50
Dibromomethane
Concen: 9.54 ug/L
RT: 6.205 min Scan# 739
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 93 Resp: 39745

Ion	Ratio	Lower	Upper
93	100		
95	83.9	65.6	98.4
174	104.7	88.2	132.2

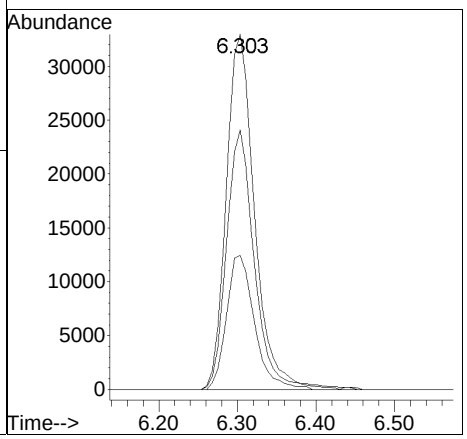


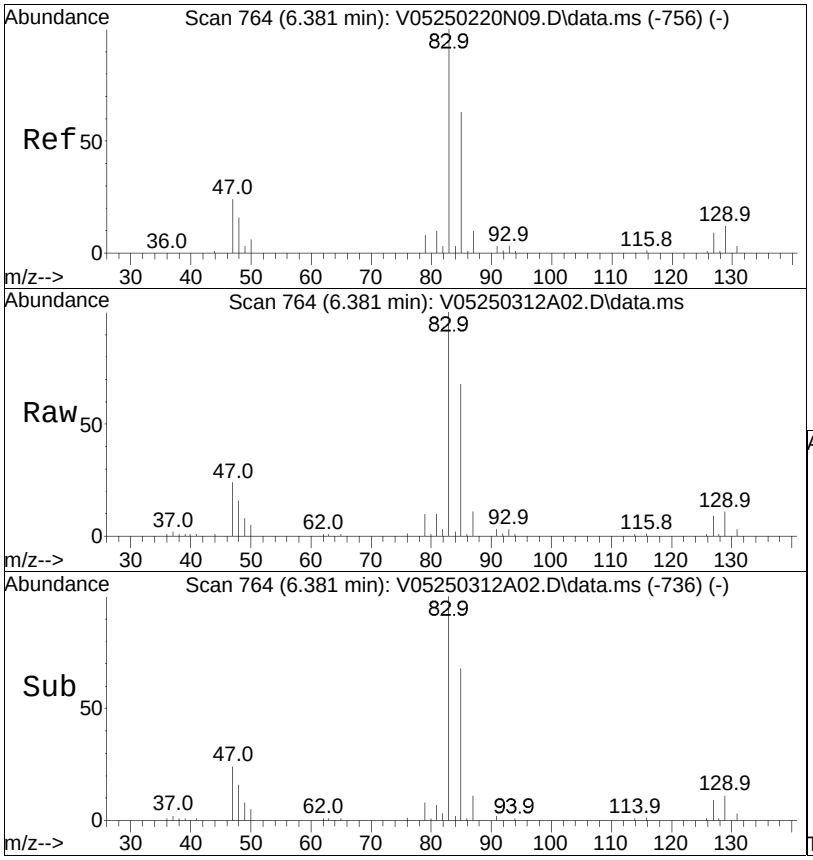


#51
1,2-Dichloropropane
Concen: 9.49 ug/L
RT: 6.303 min Scan# 753
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 63 Resp: 82936

Ion	Ratio	Lower	Upper
63	100		
62	71.2	59.3	88.9
76	37.1	31.2	46.8

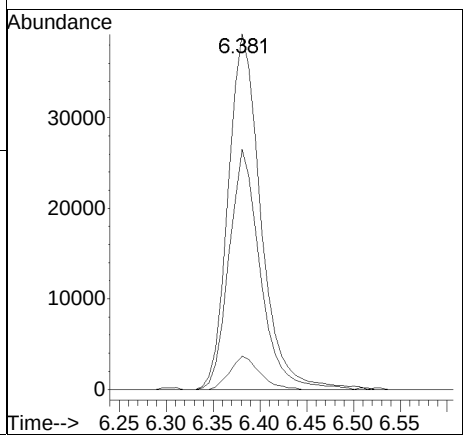


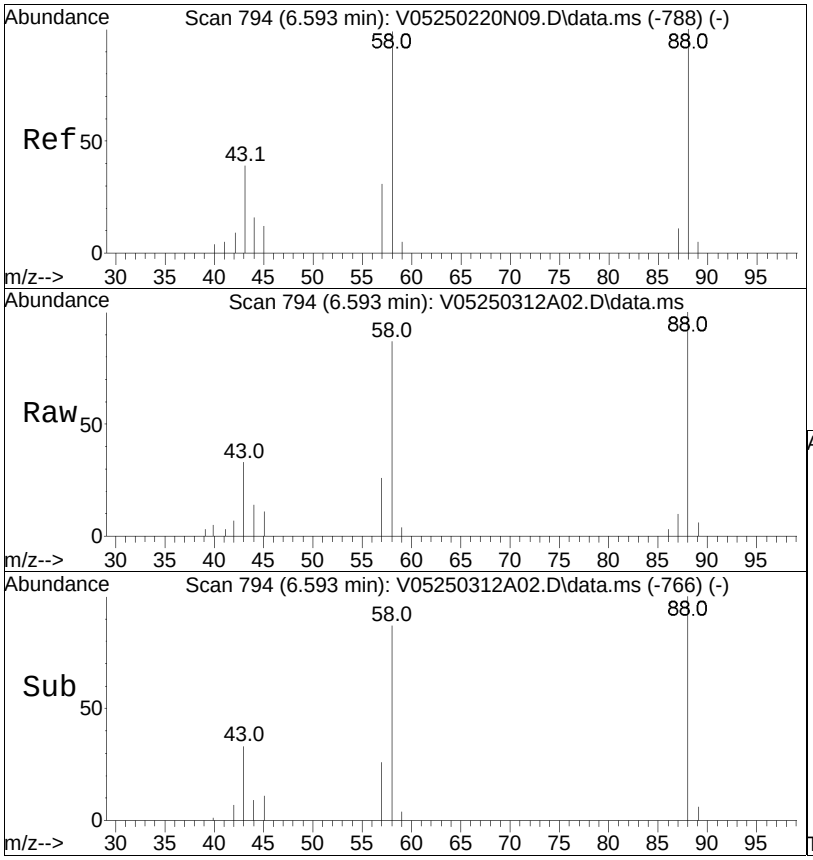


#54
Bromodichloromethane
Concen: 9.29 ug/L
RT: 6.381 min Scan# 764
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 83 Resp: 95349

Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.2	76.8
127	8.5	7.4	11.0

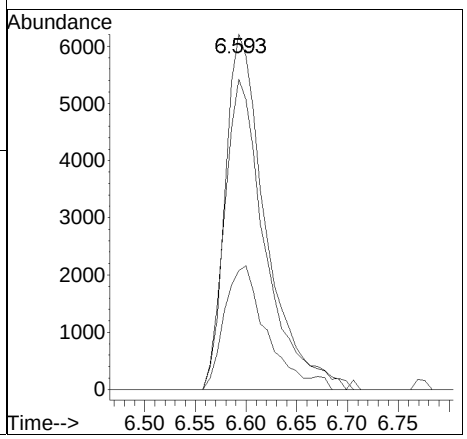


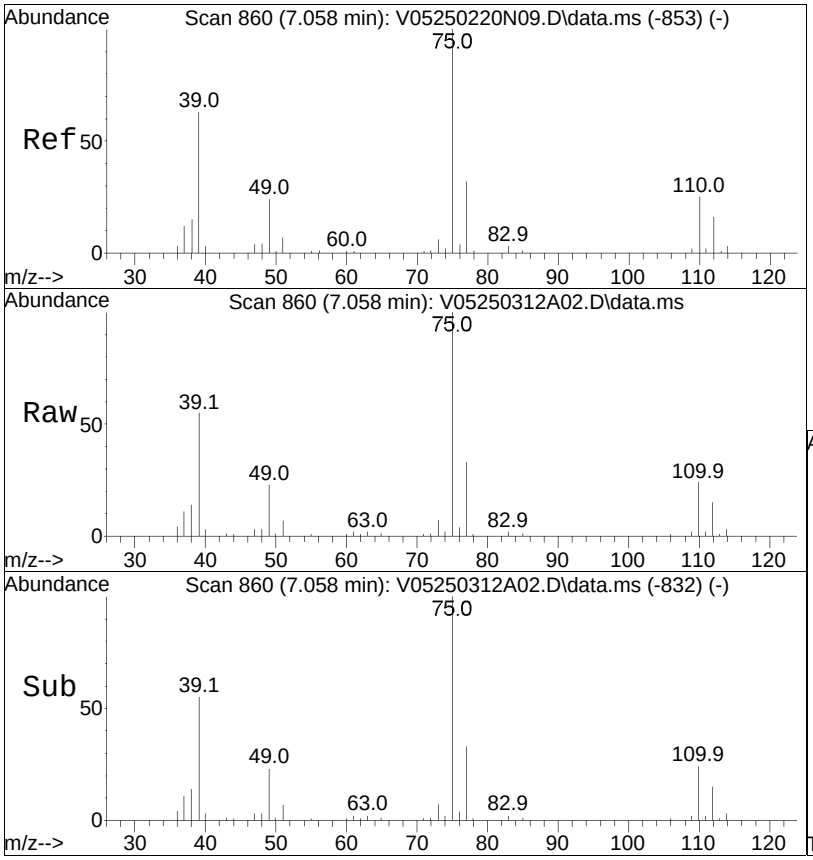


#57
1,4-Dioxane
Concen: 473.38 ug/L
RT: 6.593 min Scan# 794
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 88 Resp: 17216

Ion	Ratio	Lower	Upper
88	100		
58	88.0	77.2	115.8
43	36.8	30.3	45.5

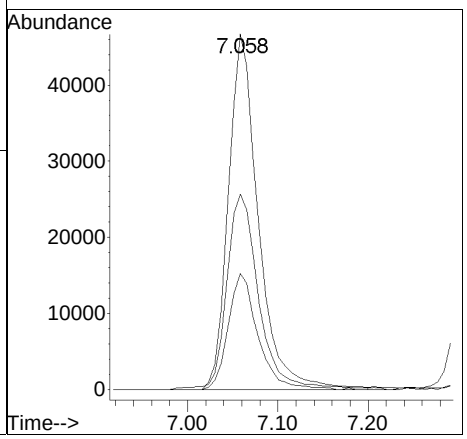


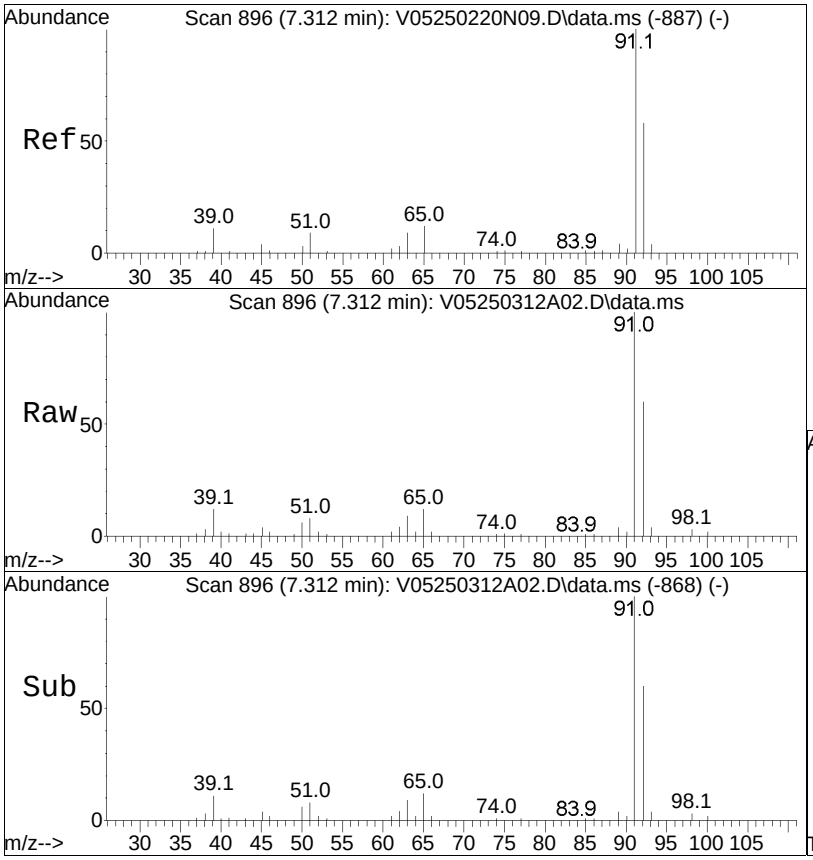


#58
cis-1,3-Dichloropropene
Concen: 9.34 ug/L
RT: 7.058 min Scan# 860
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 75 Resp: 107710

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.7	38.5
39	58.4	50.7	76.1

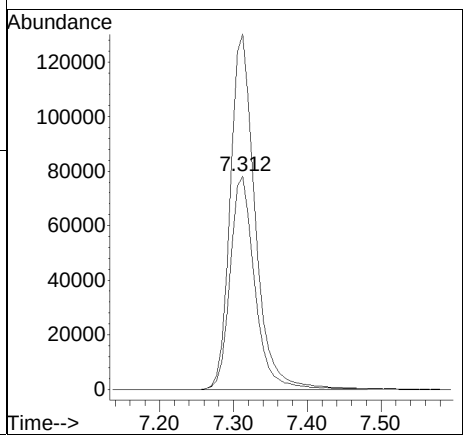


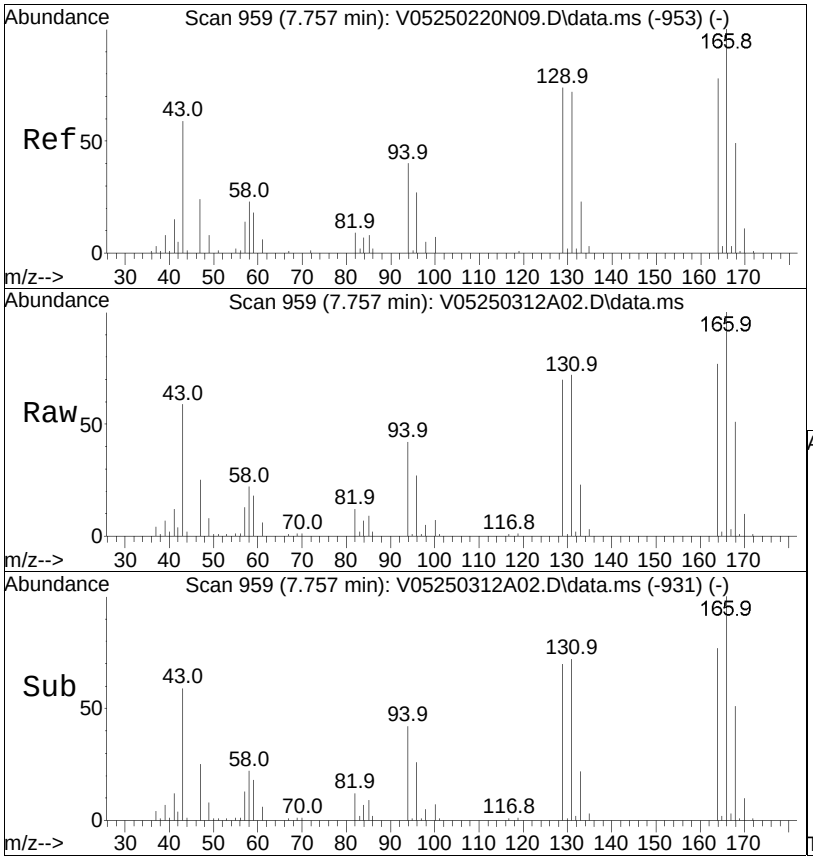


#61
Toluene
Concen: 9.72 ug/L
RT: 7.312 min Scan# 896
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 92 Resp: 181730

Ion	Ratio	Lower	Upper
92	100		
91	167.5	136.2	204.4

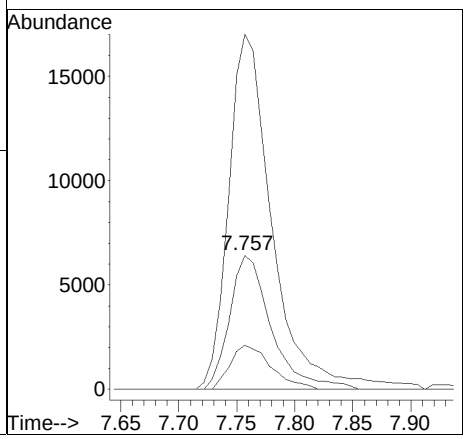


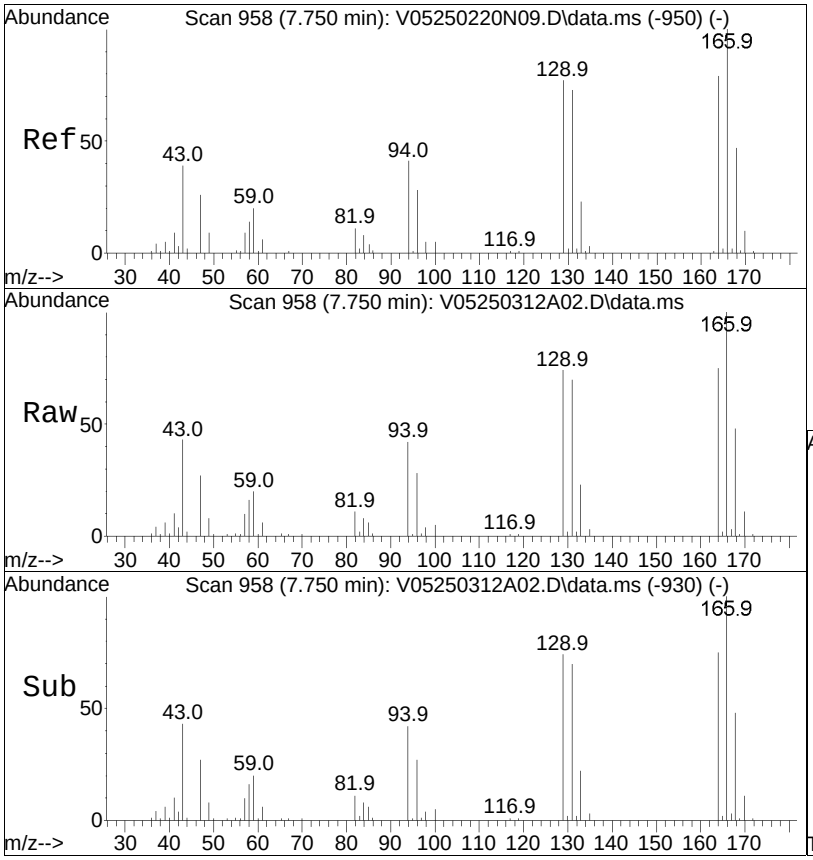


#62
4-Methyl-2-pentanone
Concen: 8.43 ug/L
RT: 7.757 min Scan# 959
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 58 Resp: 16084

Ion	Ratio	Lower	Upper
58	100		
100	32.6	24.5	36.7
43	277.6	217.7	326.5

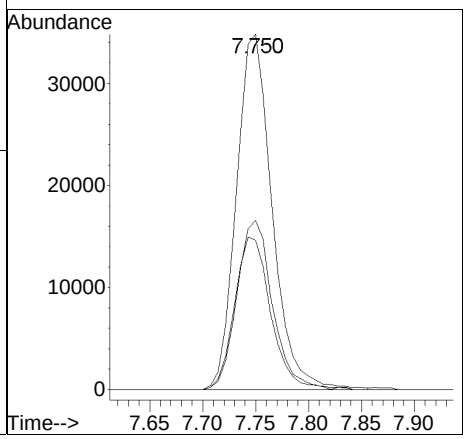


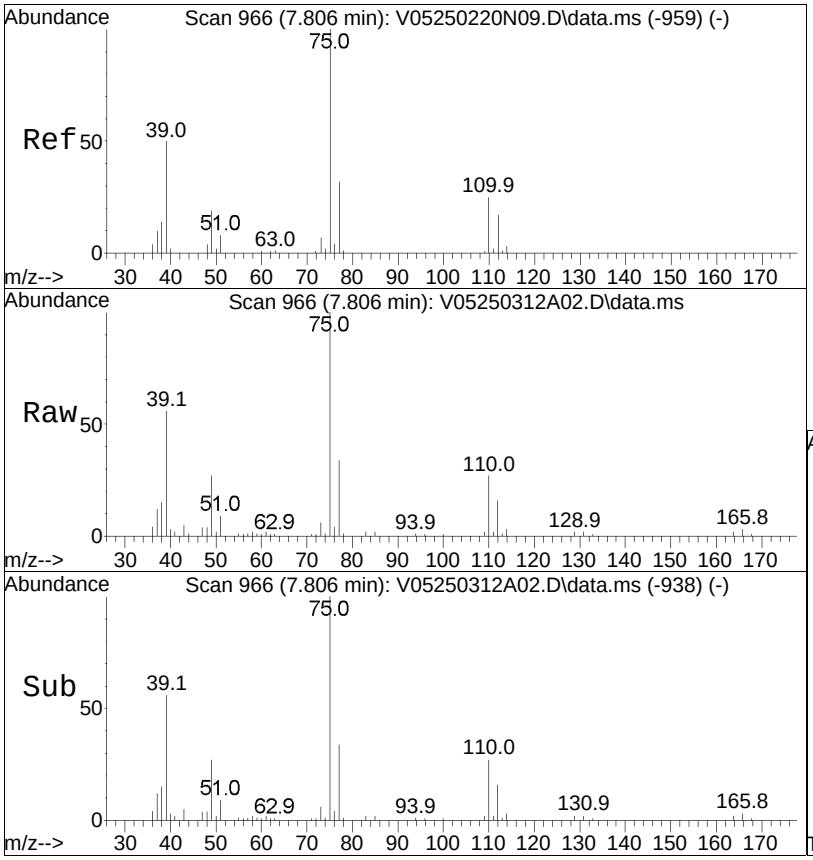


#63
Tetrachloroethene
Concen: 9.11 ug/L
RT: 7.750 min Scan# 958
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:166 Resp: 81726

Ion	Ratio	Lower	Upper
166	100		
168	47.6	26.3	66.3
94	43.0	23.0	63.0

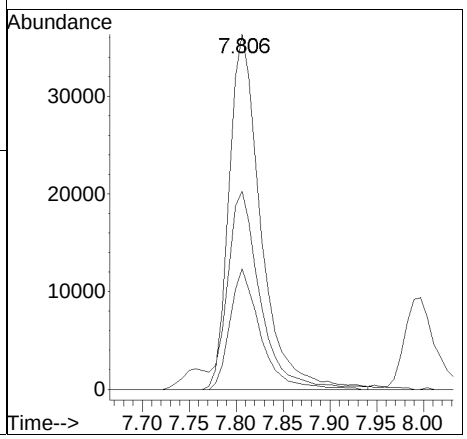


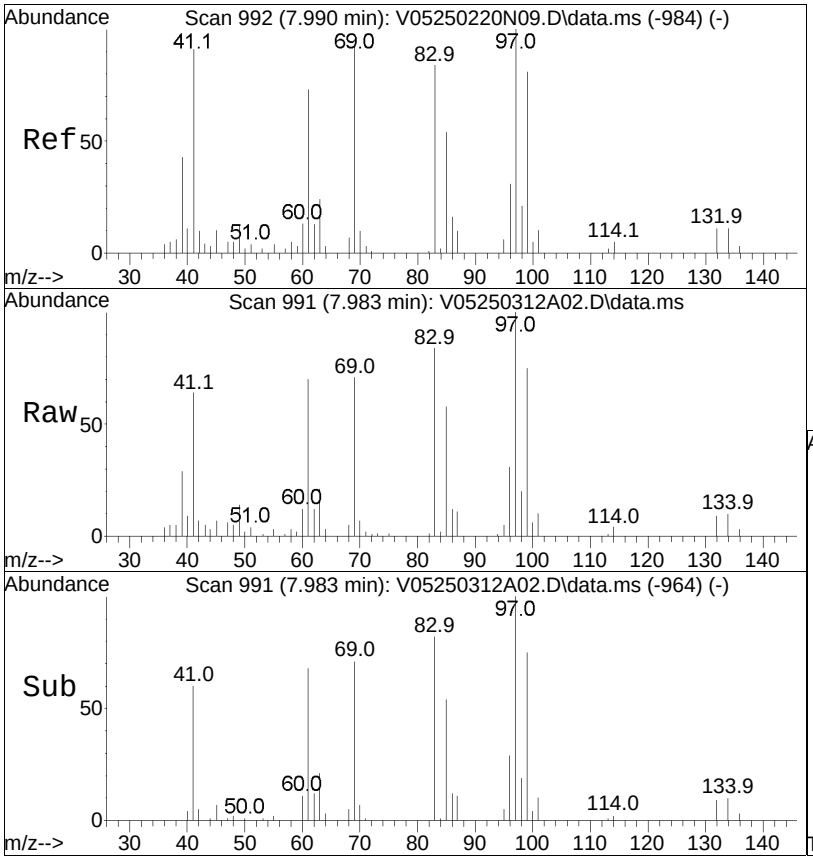


#65
trans-1,3-Dichloropropene
Concen: 9.18 ug/L
RT: 7.806 min Scan# 966
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 75 Resp: 85860

Ion	Ratio	Lower	Upper
75	100		
77	32.7	11.5	51.5
39	55.9	40.7	80.7

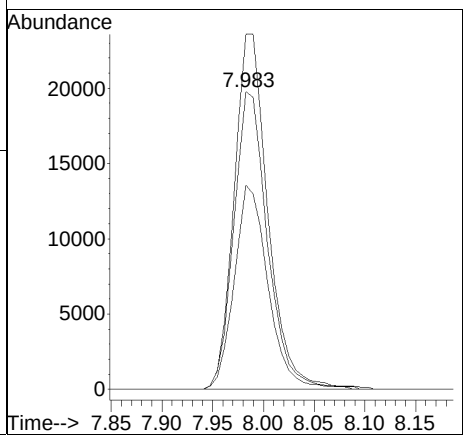


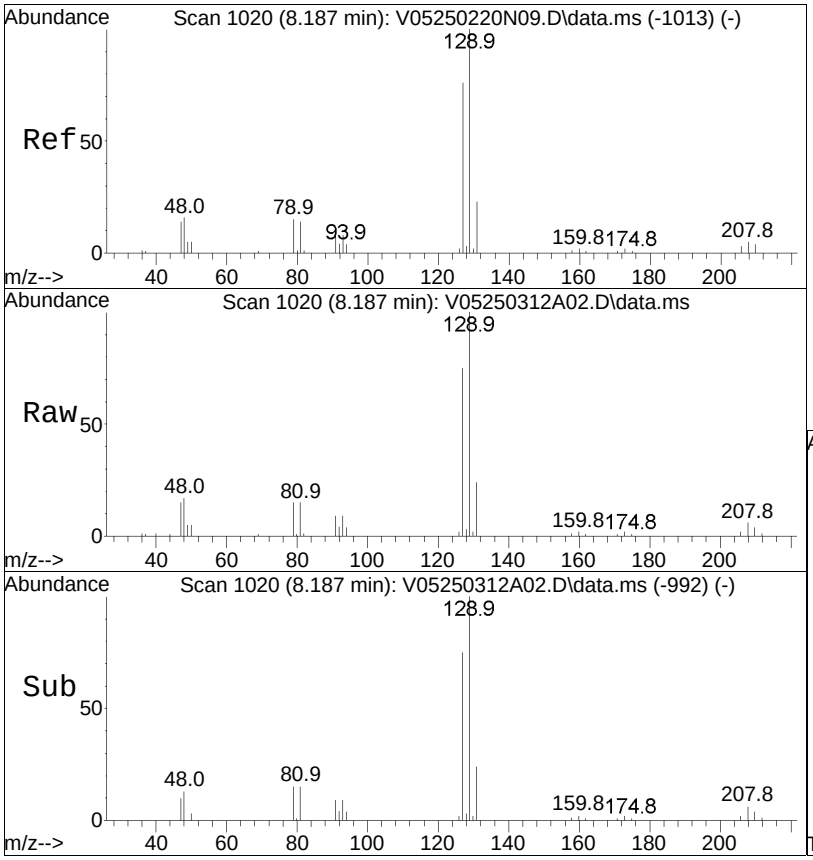


#68
1,1,2-Trichloroethane
Concen: 9.96 ug/L
RT: 7.983 min Scan# 991
Delta R.T. -0.007 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 83 Resp: 45838

Ion	Ratio	Lower	Upper
83	100		
97	120.1	100.2	140.2
85	68.7	45.5	85.5

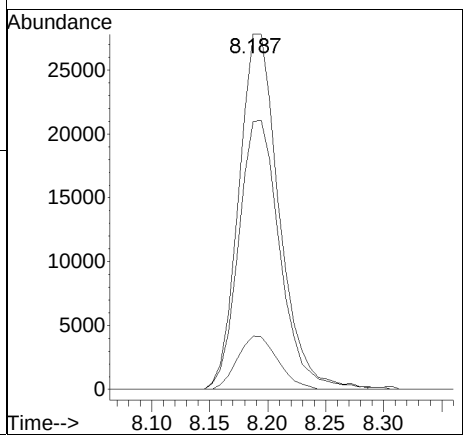


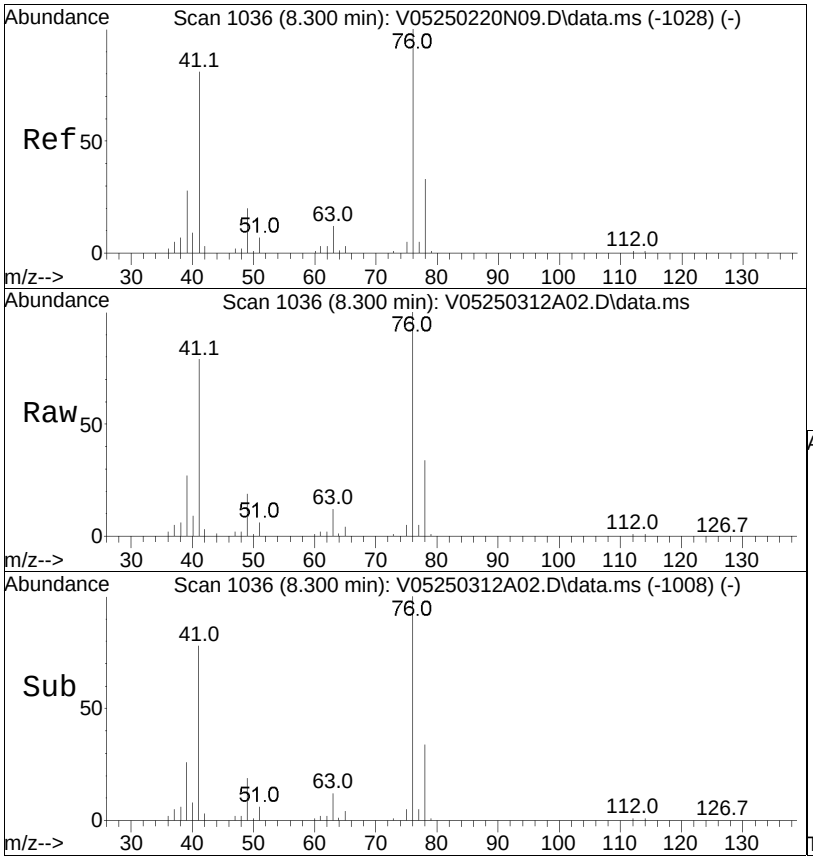


#69
Chlorodibromomethane
Concen: 9.04 ug/L
RT: 8.187 min Scan# 1020
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:129 Resp: 67522

Ion	Ratio	Lower	Upper
129	100		
81	15.0	0.0	34.3
127	77.7	56.7	96.7

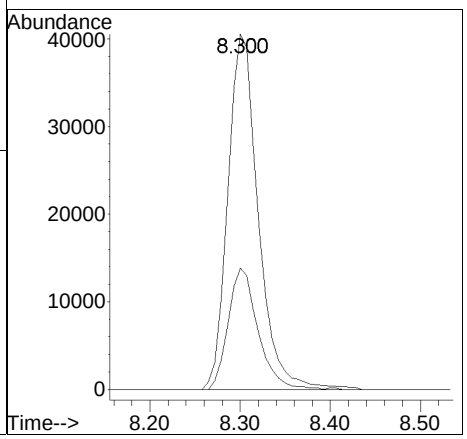


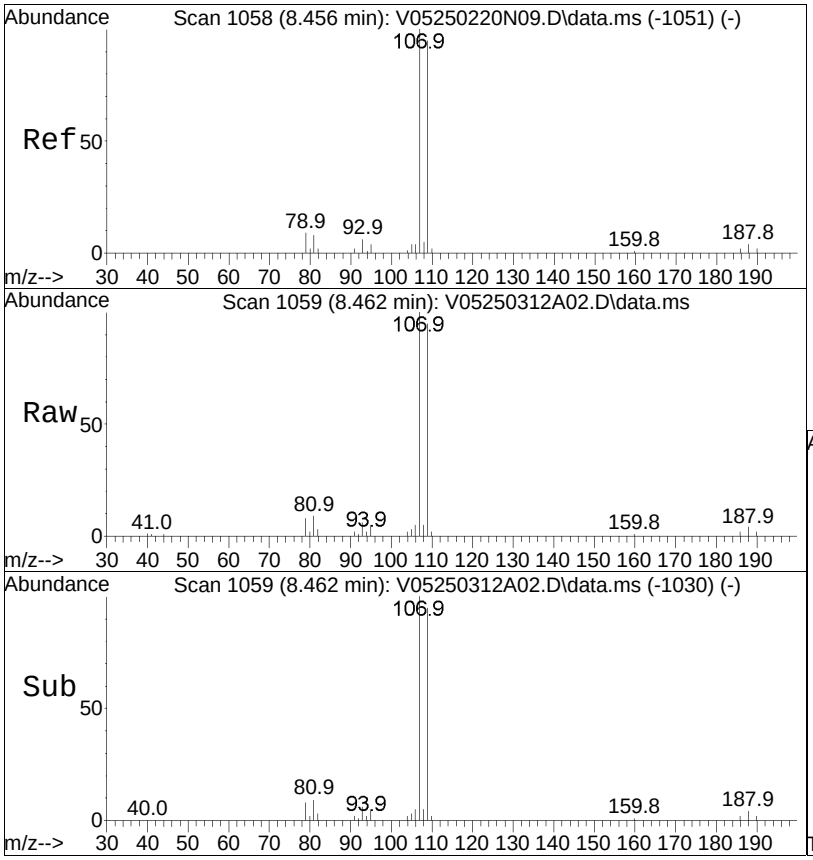


#70
1,3-Dichloropropane
Concen: 9.83 ug/L
RT: 8.300 min Scan# 1036
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 76 Resp: 94993

Ion	Ratio	Lower	Upper
76	100		
78	33.3	25.4	38.2

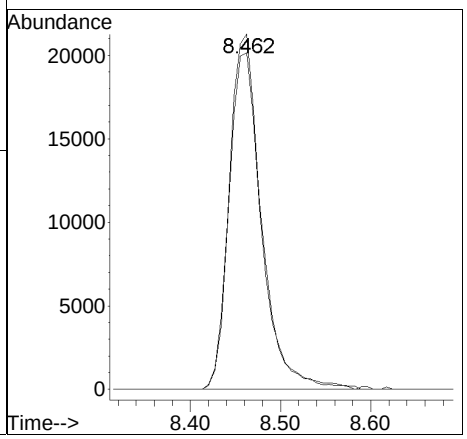


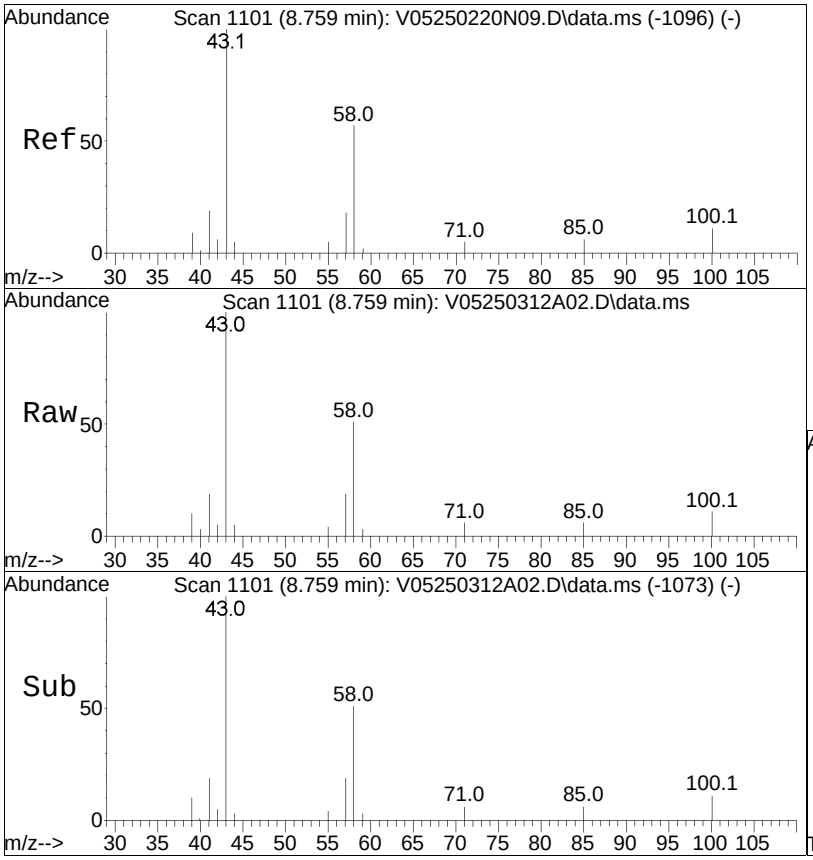


#71
1,2-Dibromoethane
Concen: 9.62 ug/L
RT: 8.462 min Scan# 1059
Delta R.T. 0.006 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:107 Resp: 53141

Ion	Ratio	Lower	Upper
107	100		
109	94.8	77.0	115.4

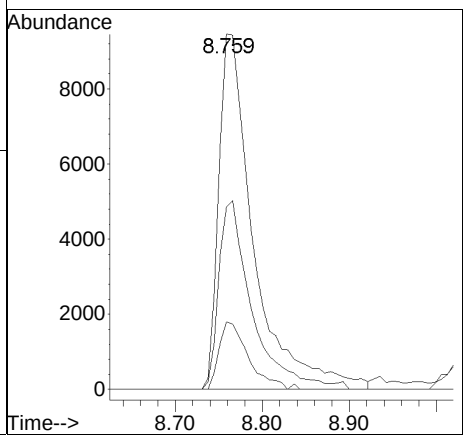


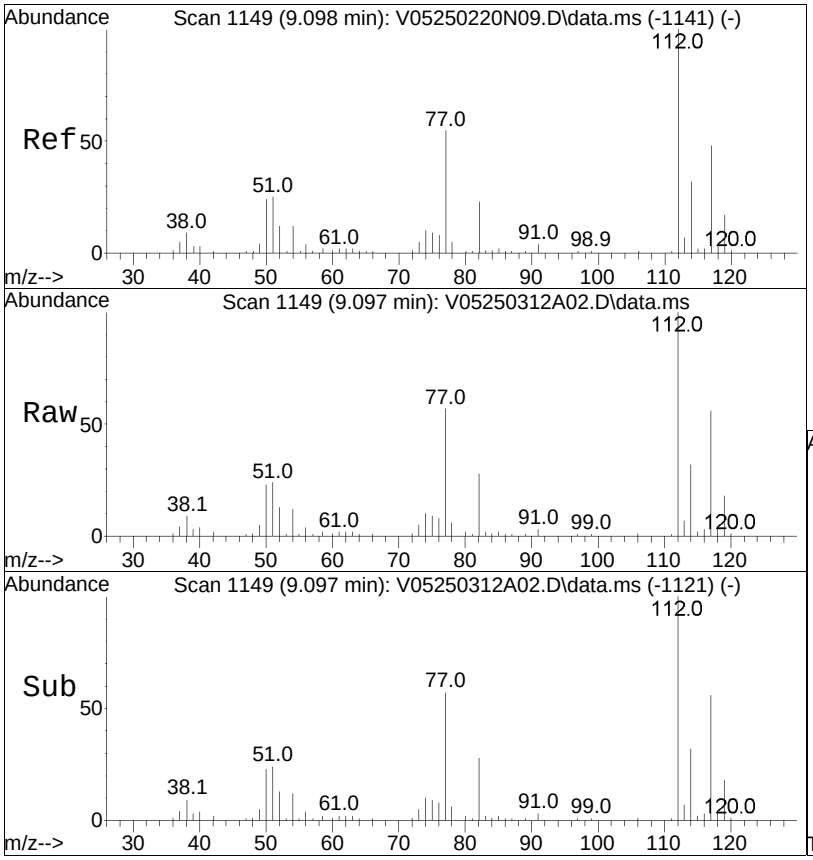


#72
2-Hexanone
Concen: 8.55 ug/L
RT: 8.759 min Scan# 1101
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 43 Resp: 26578

Ion	Ratio	Lower	Upper
43	100		
58	50.4	39.7	59.5
57	16.1	12.2	18.4

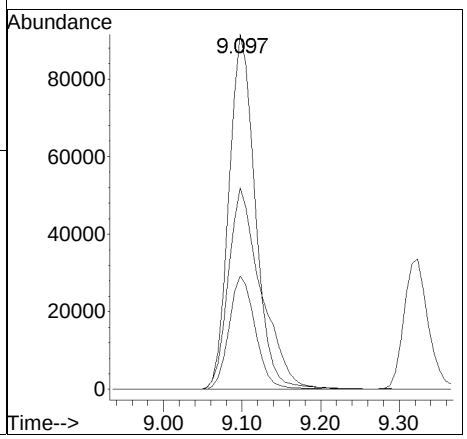


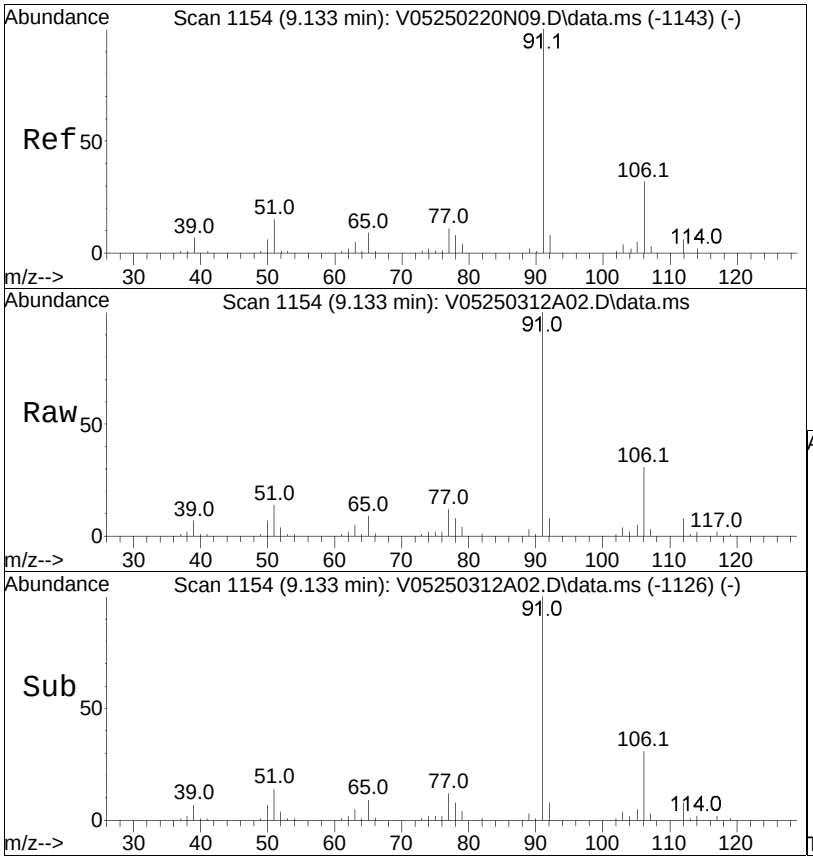


#73
Chlorobenzene
Concen: 9.55 ug/L
RT: 9.097 min Scan# 1149
Delta R.T. -0.001 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:112 Resp: 213025

Ion	Ratio	Lower	Upper
112	100		
77	71.2	54.2	81.2
114	32.0	25.3	37.9

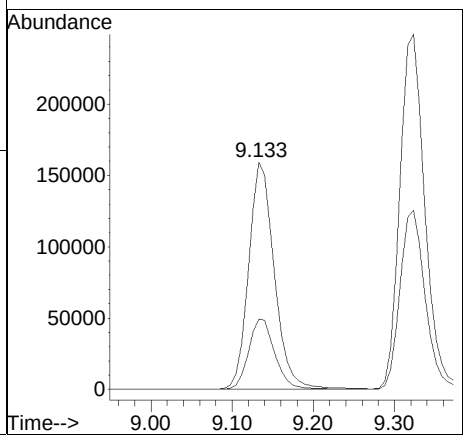


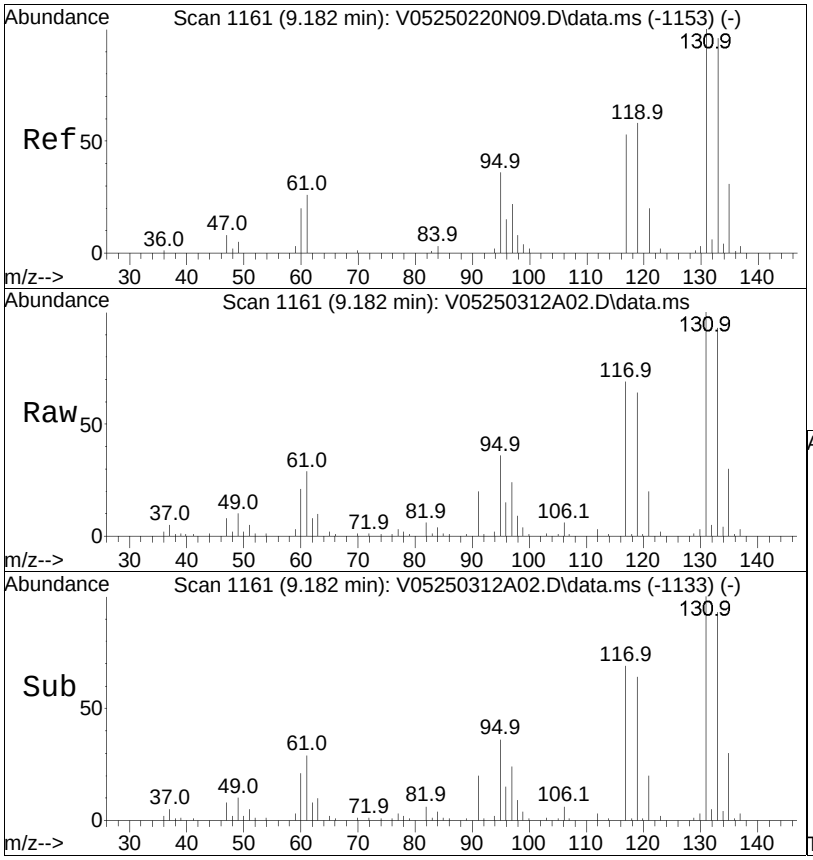


#74
Ethylbenzene
Concen: 9.76 ug/L
RT: 9.133 min Scan# 1154
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 91 Resp: 351034

Ion	Ratio	Lower	Upper
91	100		
106	31.6	26.0	39.0

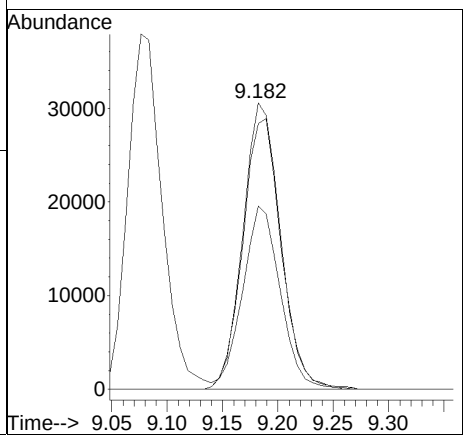


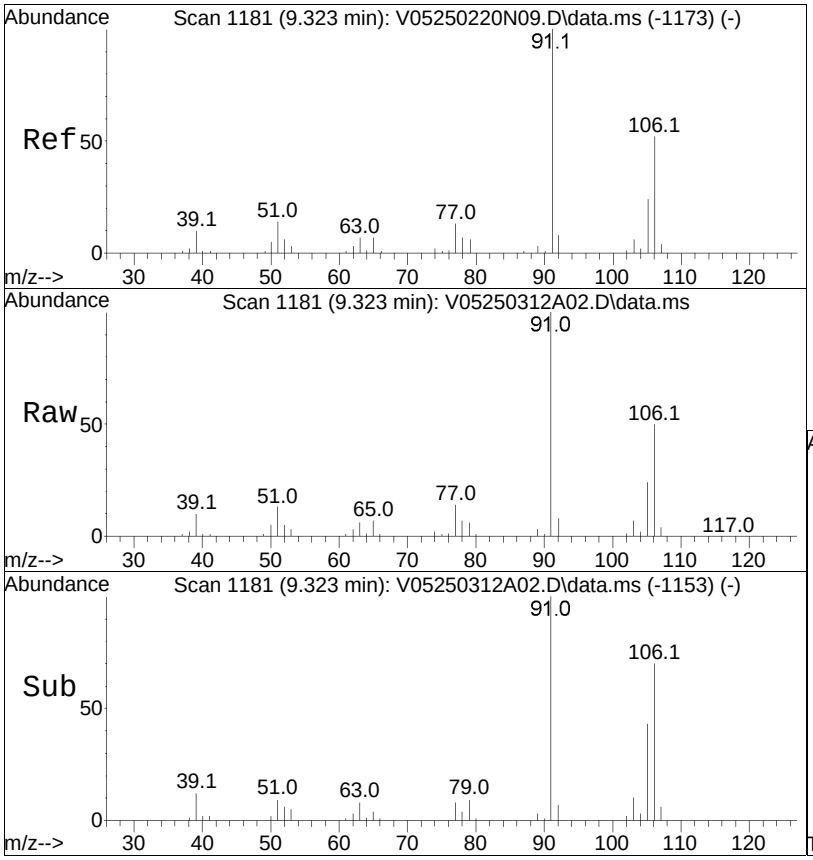


#75
1,1,1,2-Tetrachloroethane
Concen: 8.99 ug/L
RT: 9.182 min Scan# 1161
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:131 Resp: 72559

Ion	Ratio	Lower	Upper
131	100		
133	96.3	75.1	115.1
119	63.8	43.2	83.2

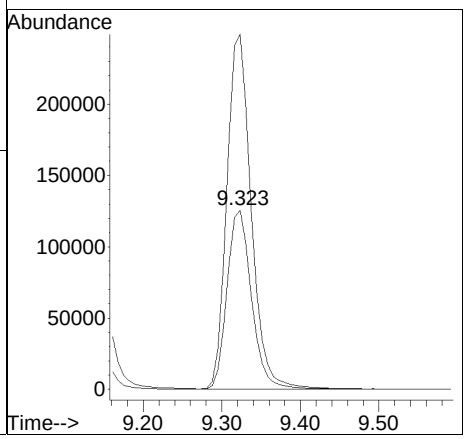


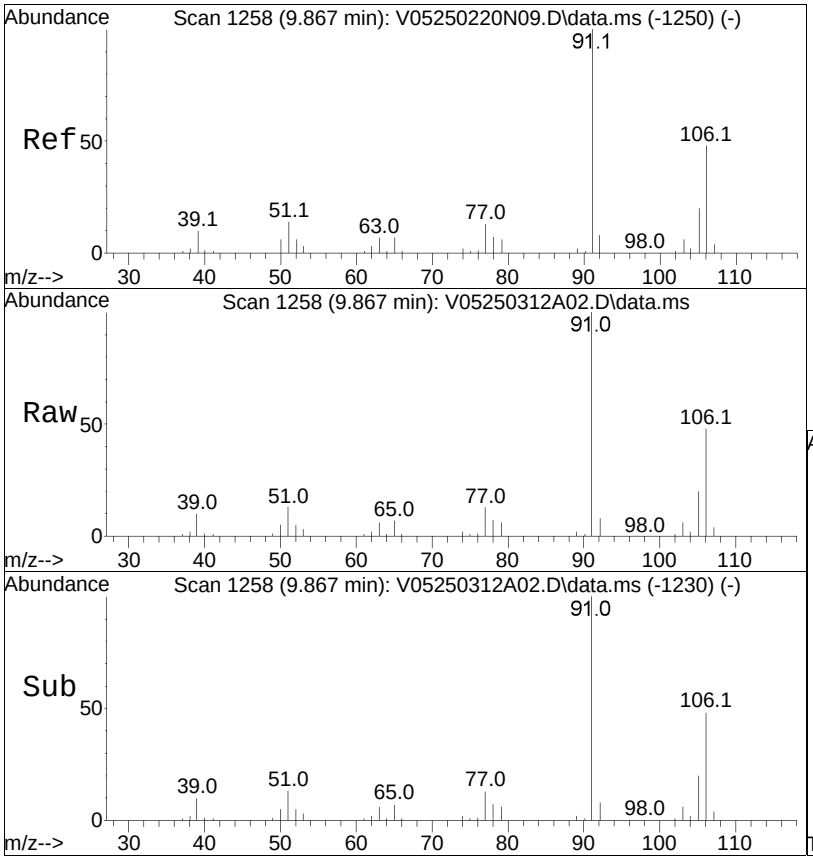


#76
p/m Xylene
Concen: 19.68 ug/L
RT: 9.323 min Scan# 1181
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:106 Resp: 274033

Ion	Ratio	Lower	Upper
106	100		
91	195.0	155.3	232.9

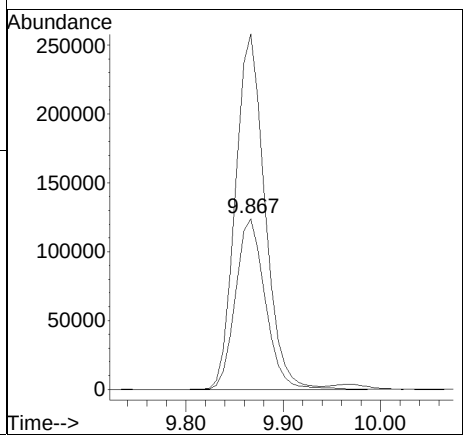


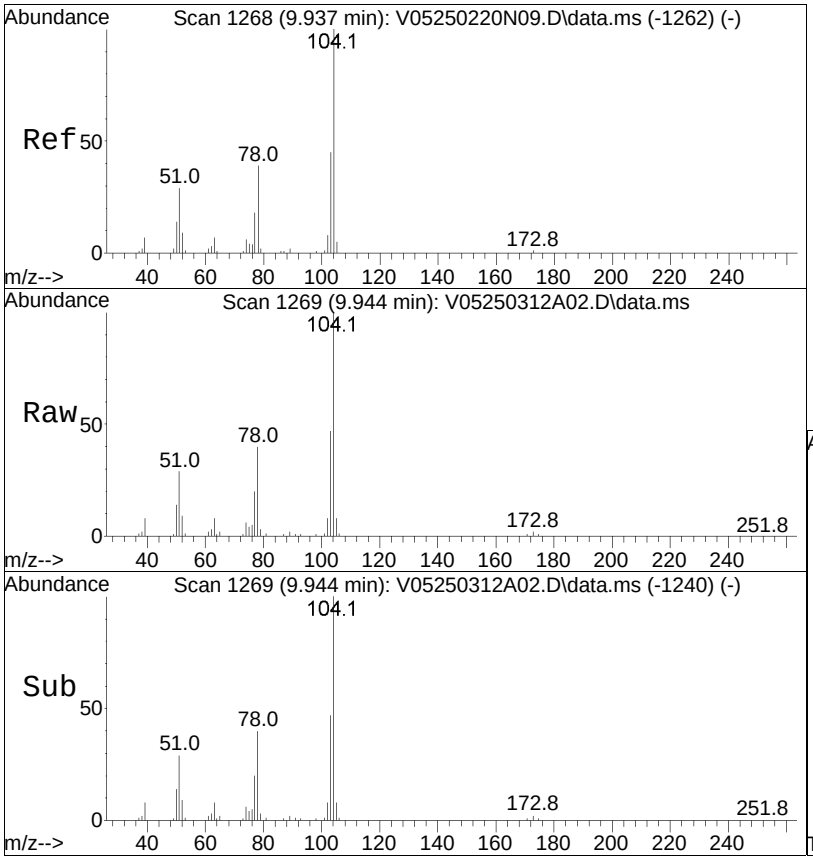


#77
o Xylene
Concen: 19.73 ug/L
RT: 9.867 min Scan# 1258
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:106 Resp: 263243

Ion	Ratio	Lower	Upper
106	100		
91	205.8	163.8	245.6

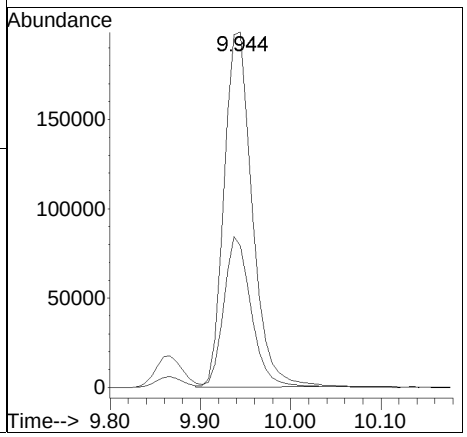


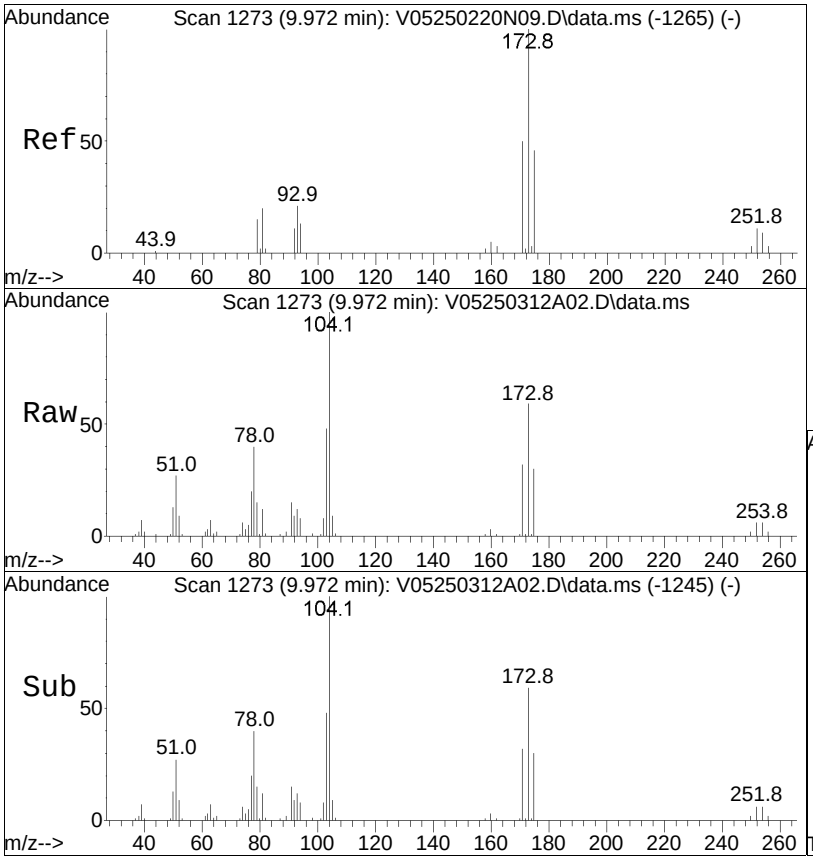


#78
Styrene
Concen: 20.01 ug/L
RT: 9.944 min Scan# 1269
Delta R.T. 0.007 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:104 Resp: 431685

Ion	Ratio	Lower	Upper
104	100		
78	41.3	31.8	47.6

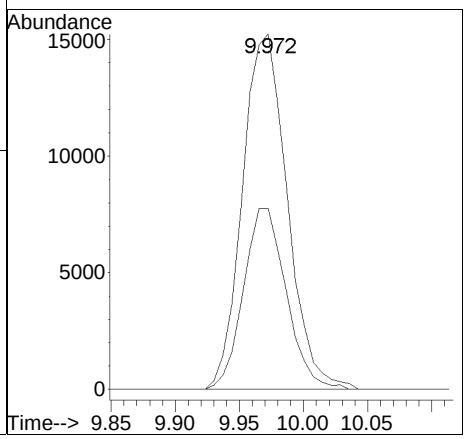


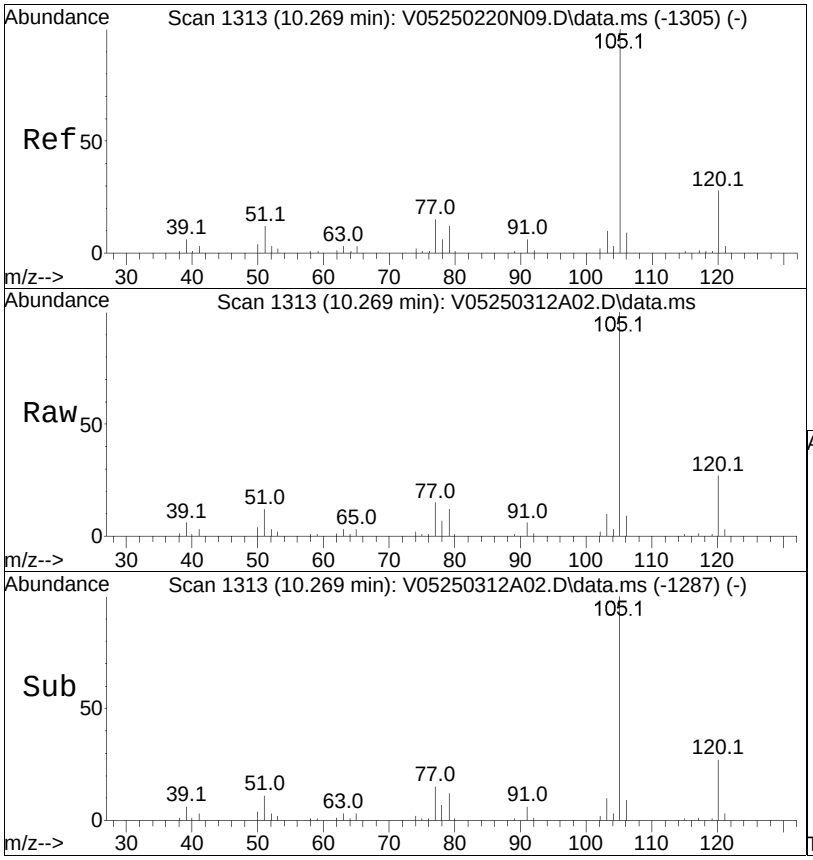


#80
Bromoform
Concen: 8.14 ug/L
RT: 9.972 min Scan# 1273
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:173 Resp: 37094

Ion	Ratio	Lower	Upper
173	100		
175	48.7	27.6	67.6

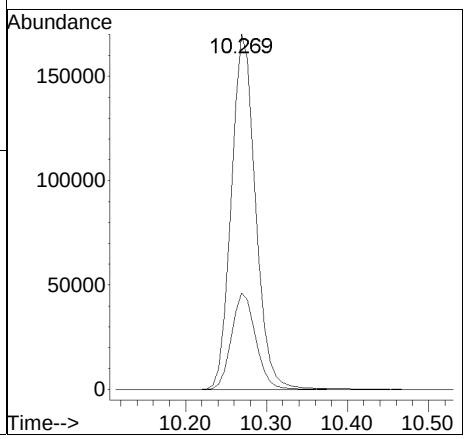


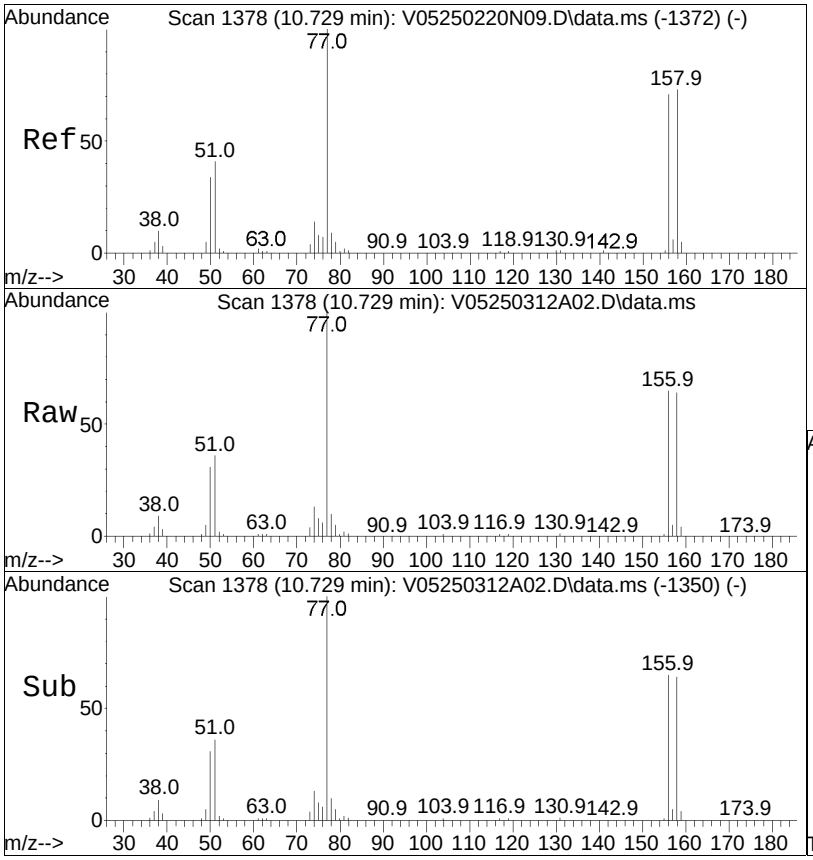


#82
Isopropylbenzene
Concen: 9.93 ug/L
RT: 10.269 min Scan# 1313
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:105 Resp: 352795

Ion	Ratio	Lower	Upper
105	100		
120	27.2	7.1	47.1

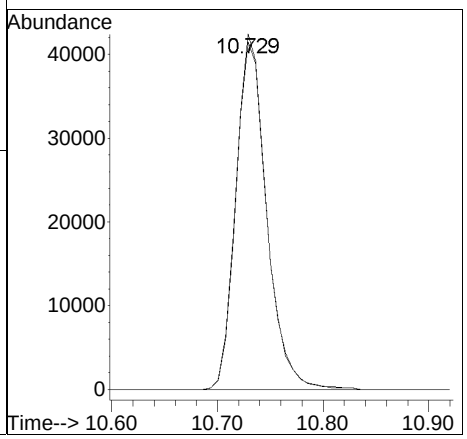


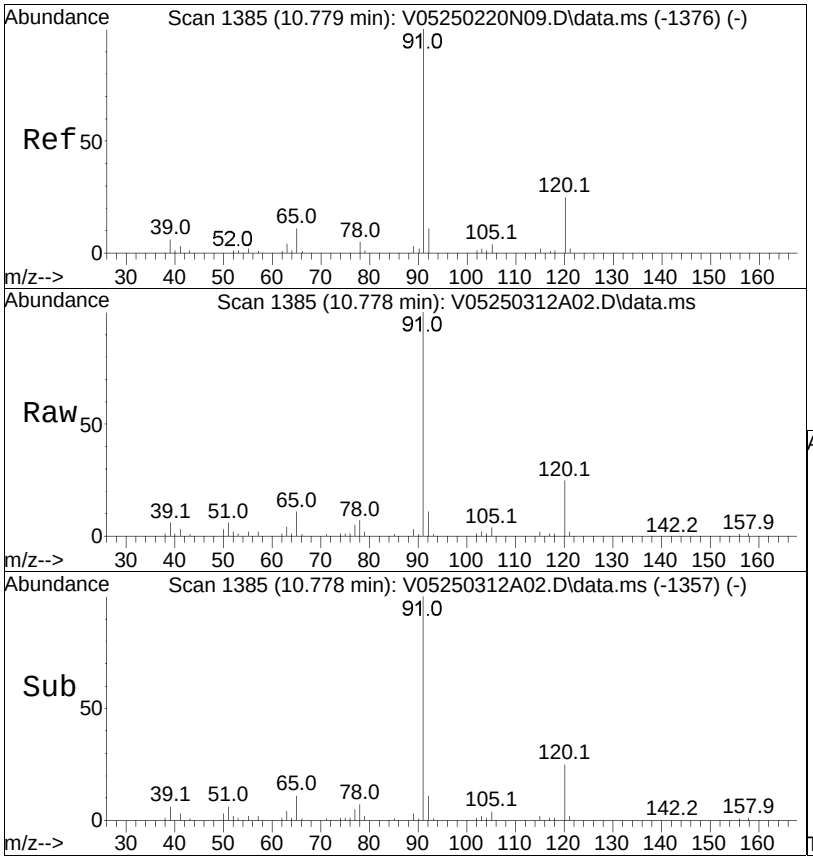


#84
Bromobenzene
Concen: 9.73 ug/L
RT: 10.729 min Scan# 1378
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:156 Resp: 85655

Ion	Ratio	Lower	Upper
156	100		
158	98.3	79.4	119.2

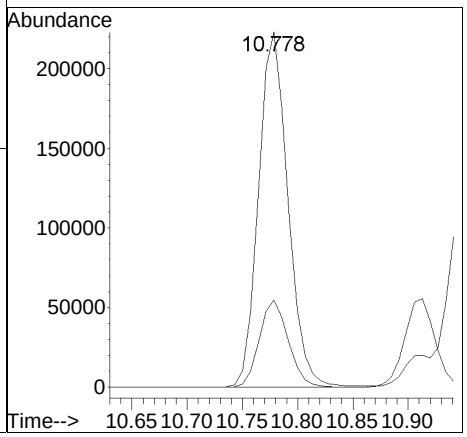


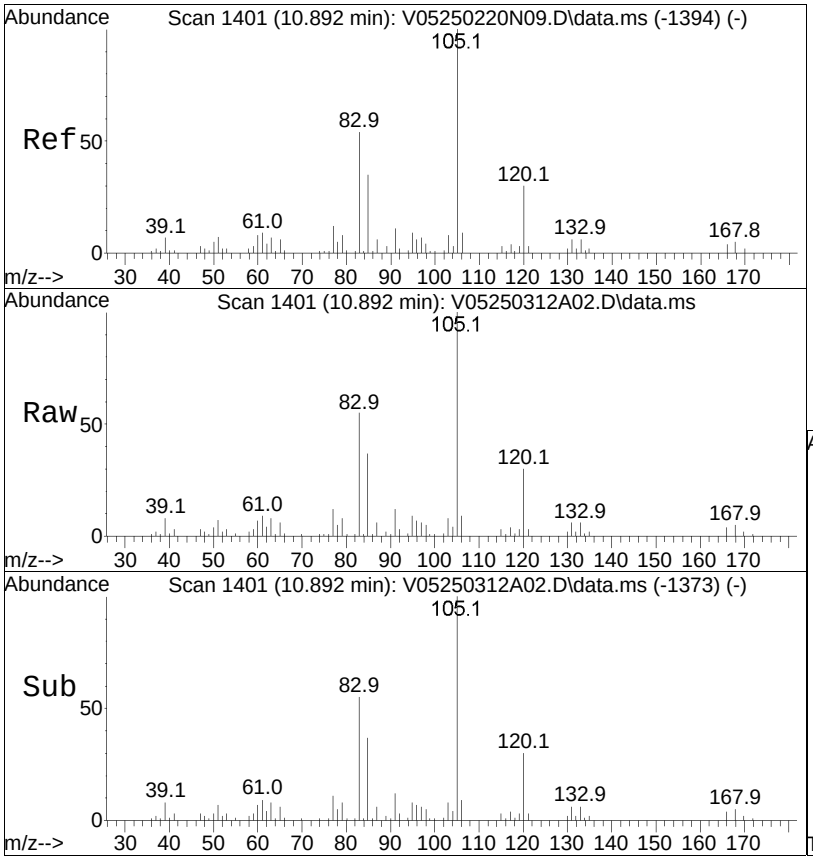


#85
n-Propylbenzene
Concen: 10.06 ug/L
RT: 10.778 min Scan# 1385
Delta R.T. -0.001 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 91 Resp: 413029

Ion	Ratio	Lower	Upper
91	100		
120	24.2	19.9	29.9

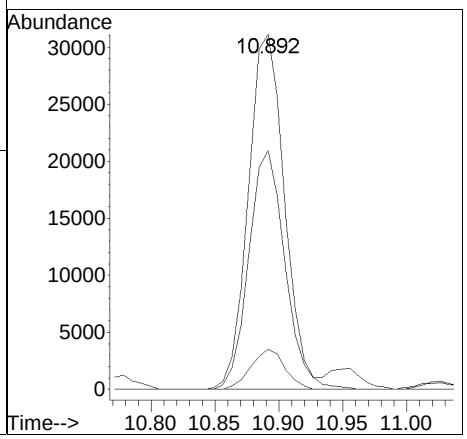


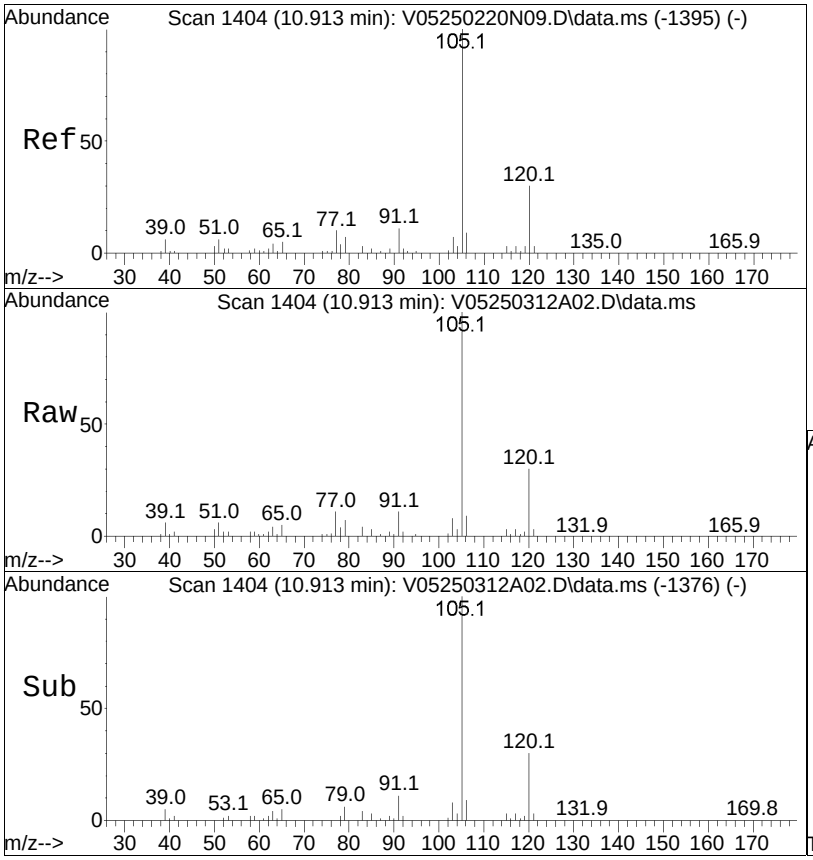


#87
1,1,2,2-Tetrachloroethane
Concen: 10.06 ug/L
RT: 10.892 min Scan# 1401
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 83 Resp: 61485

Ion	Ratio	Lower	Upper
83	100		
131	10.6	0.0	31.6
85	67.2	44.6	84.6

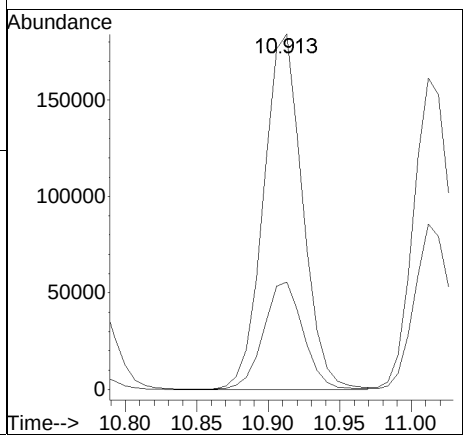


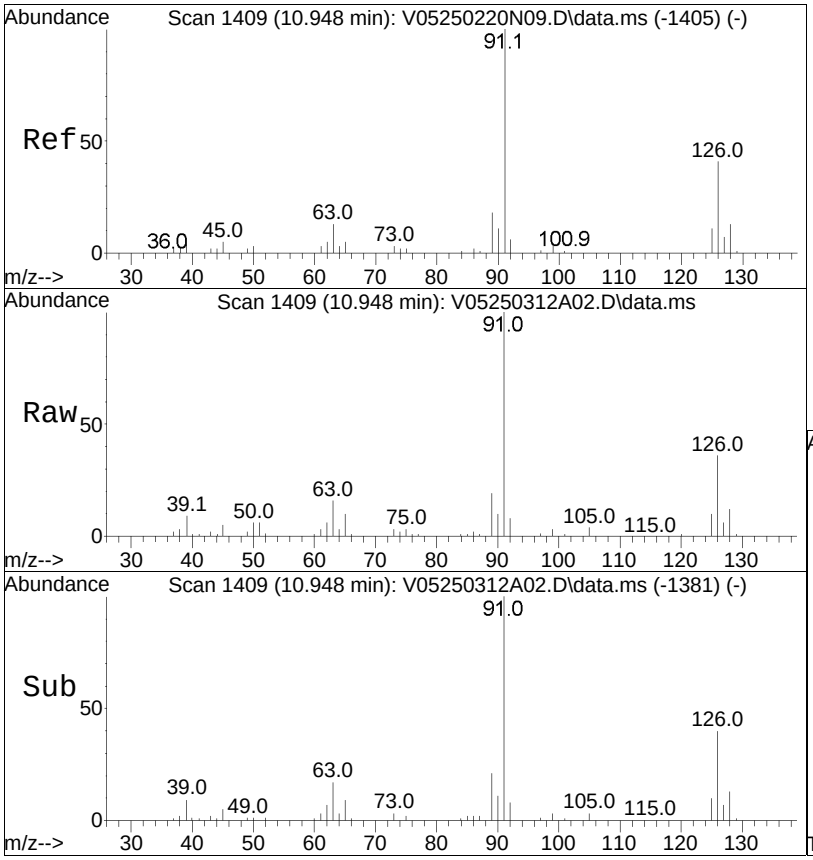


#88
4-Ethyltoluene
Concen: 10.02 ug/L
RT: 10.913 min Scan# 1404
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:105 Resp: 349961

Ion	Ratio	Lower	Upper
105	100		
120	30.4	20.0	41.6

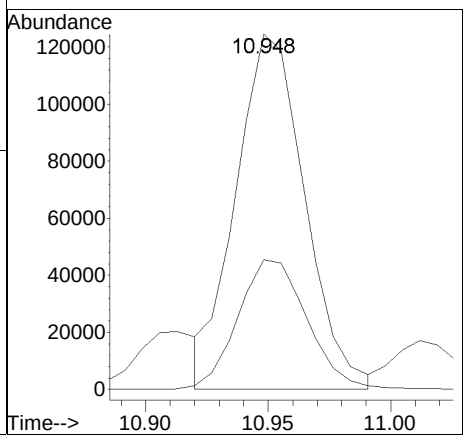


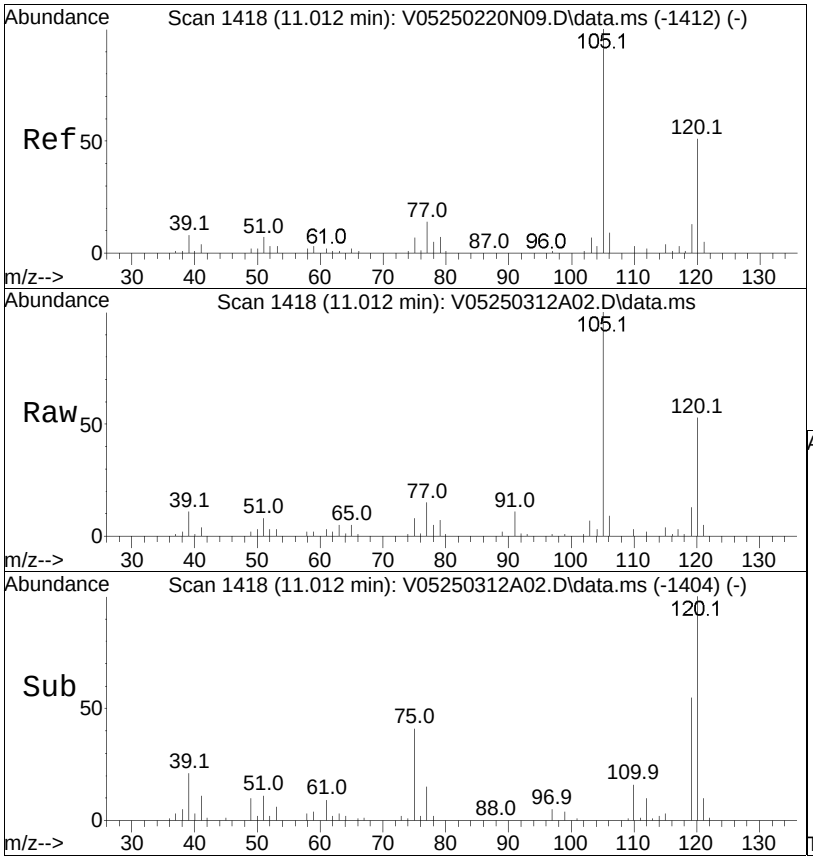


#89
2-Chlorotoluene
Concen: 9.99 ug/L M6
RT: 10.948 min Scan# 1409
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 91 Resp: 243809

Ion	Ratio	Lower	Upper
91	100		
126	36.8	29.9	44.9

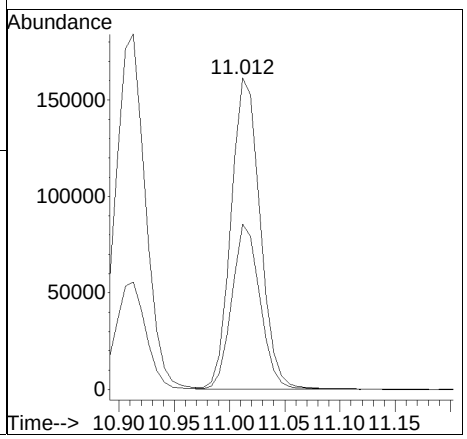


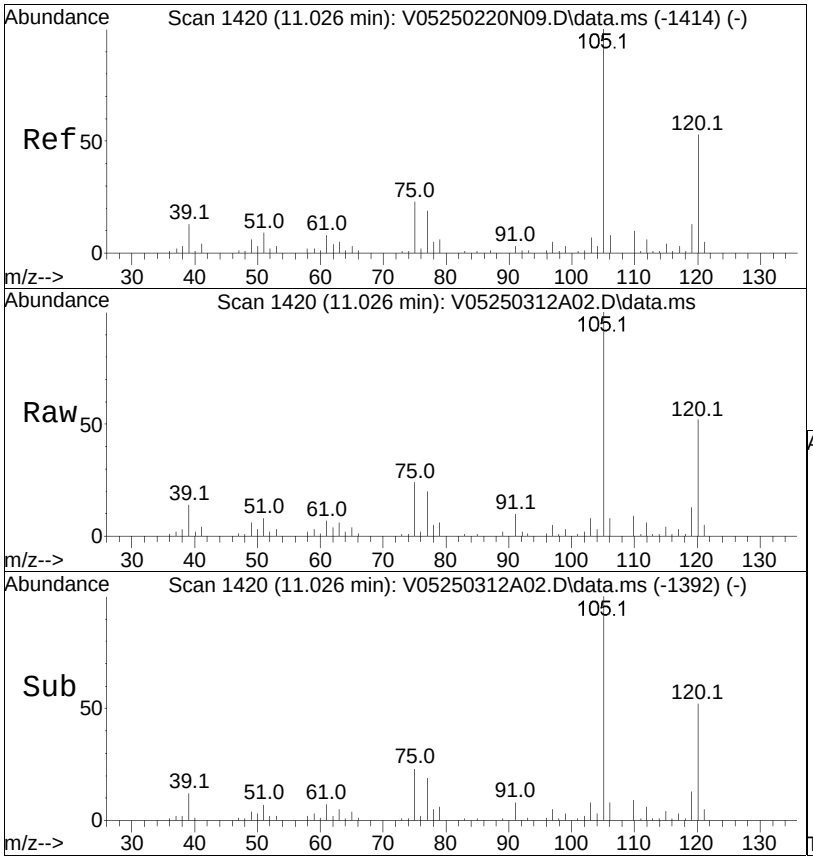


#90
1,3,5-Trimethylbenzene
Concen: 9.62 ug/L
RT: 11.012 min Scan# 1418
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:105 Resp: 295064

Ion	Ratio	Lower	Upper
105	100		
120	51.8	40.6	60.8

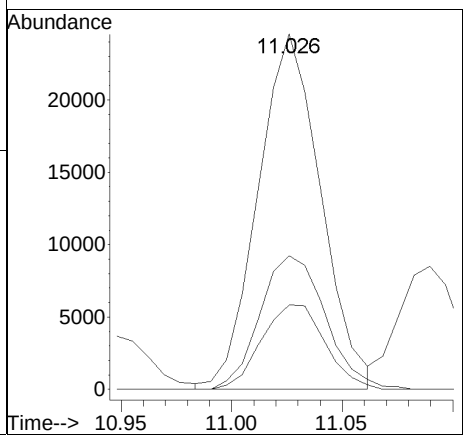


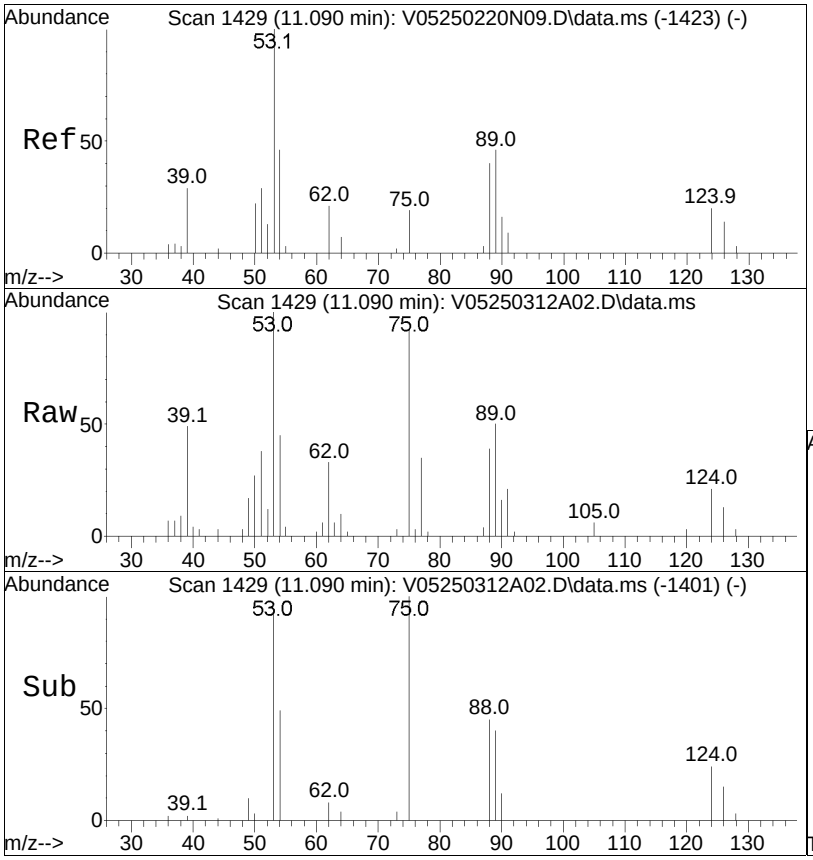


#91
1,2,3-Trichloropropane
Concen: 10.01 ug/L M4
RT: 11.026 min Scan# 1420
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 75 Resp: 48559

Ion	Ratio	Lower	Upper
75	100		
110	39.2	25.9	53.9
112	24.1	17.9	37.3

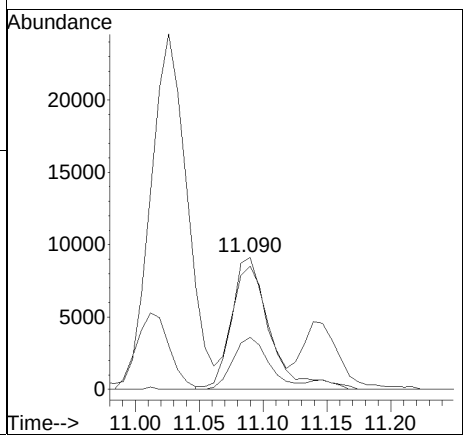


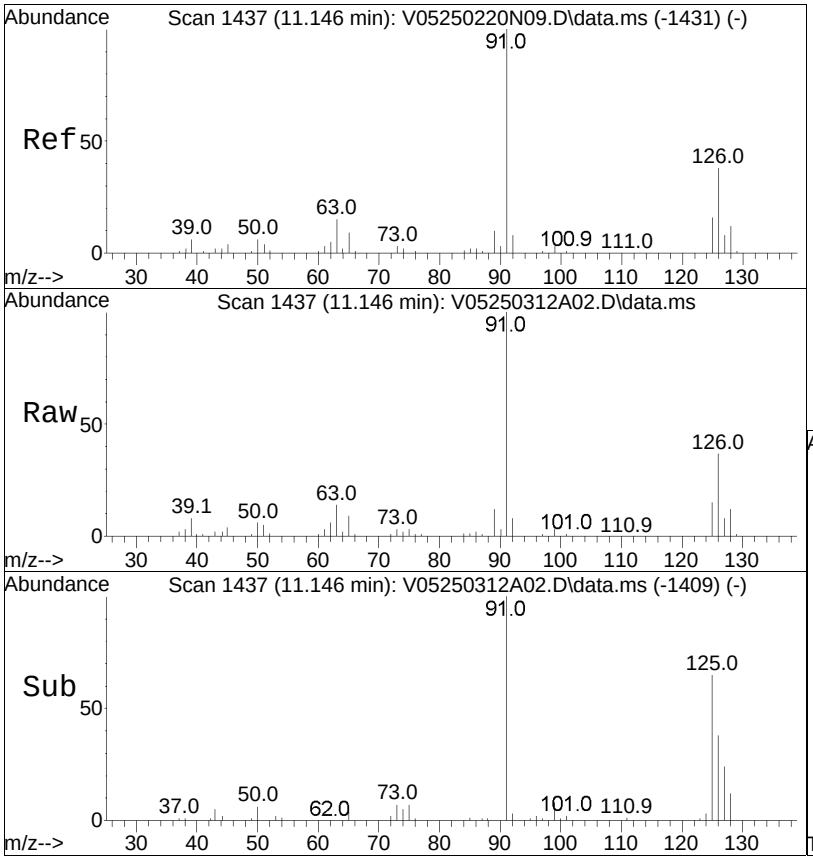


#92
trans-1,4-Dichloro-2-butene
Concen: 8.76 ug/L
RT: 11.090 min Scan# 1429
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 53 Resp: 18982

Ion	Ratio	Lower	Upper
53	100		
88	37.0	28.3	42.5
75	84.4	58.4	87.6

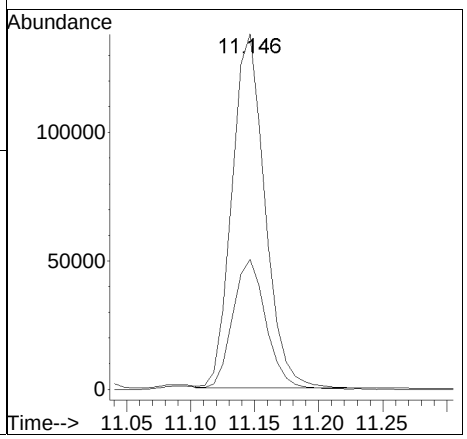


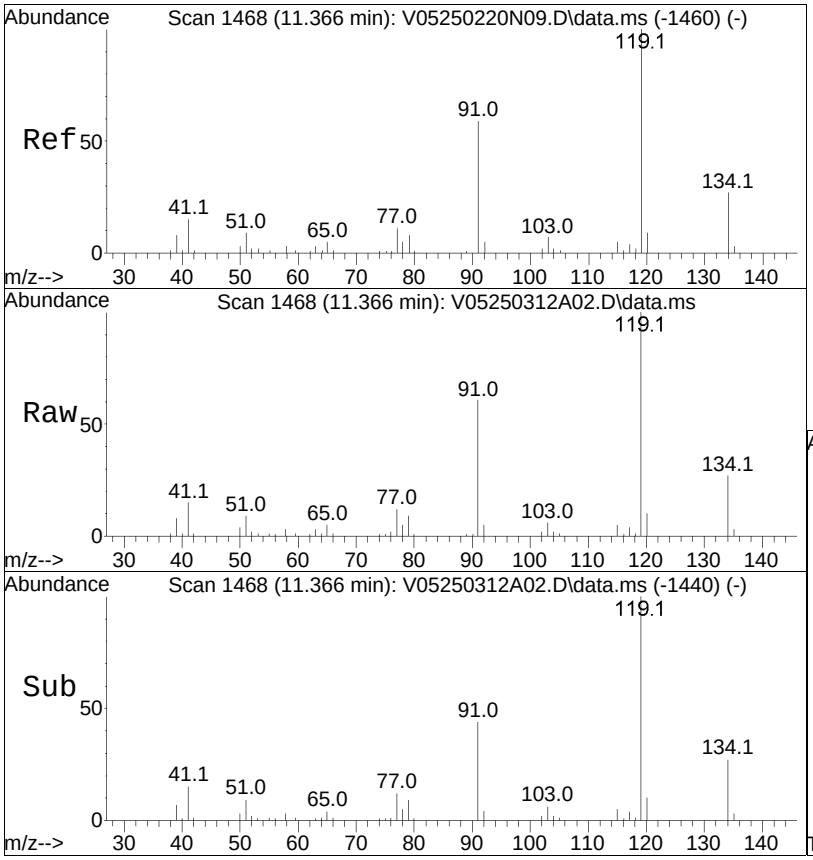


#93
4-Chlorotoluene
Concen: 9.80 ug/L
RT: 11.146 min Scan# 1437
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 91 Resp: 246670

Ion	Ratio	Lower	Upper
91	100		
126	37.5	31.0	46.6

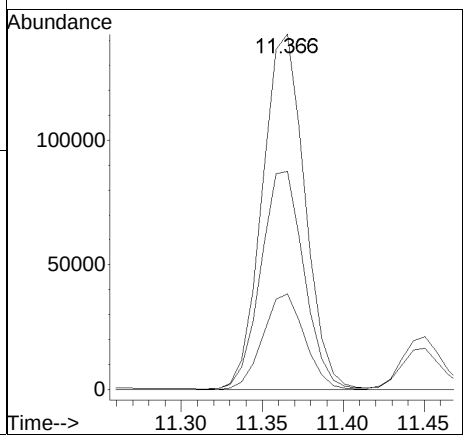


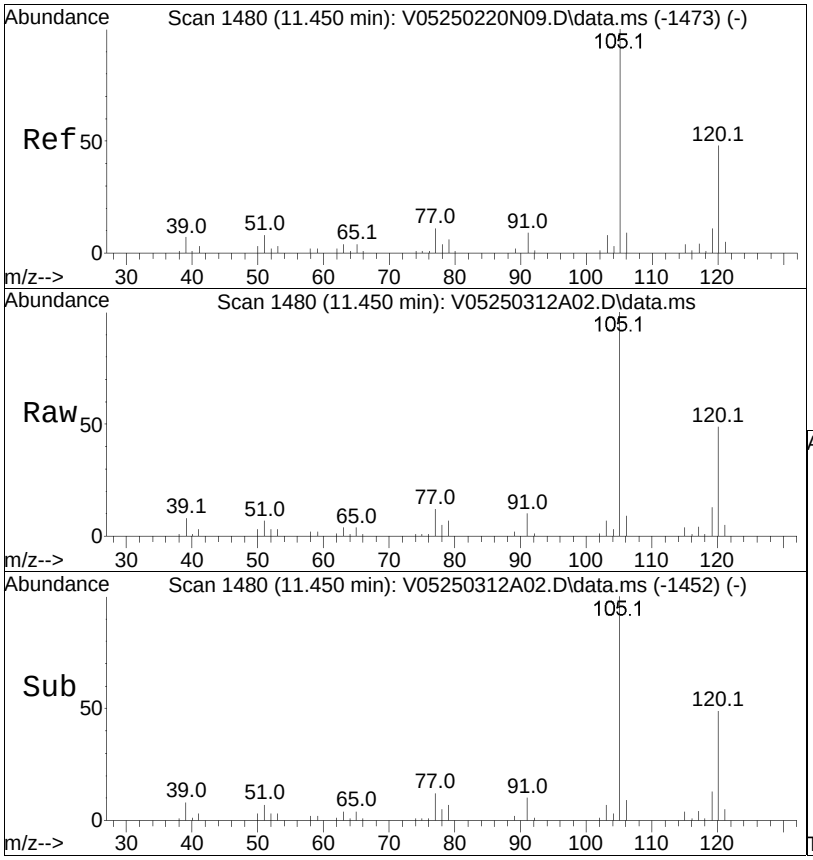


#94
tert-Butylbenzene
Concen: 9.73 ug/L
RT: 11.366 min Scan# 1468
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:119 Resp: 260391

Ion	Ratio	Lower	Upper
119	100		
91	61.9	49.1	73.7
134	26.4	20.9	31.3

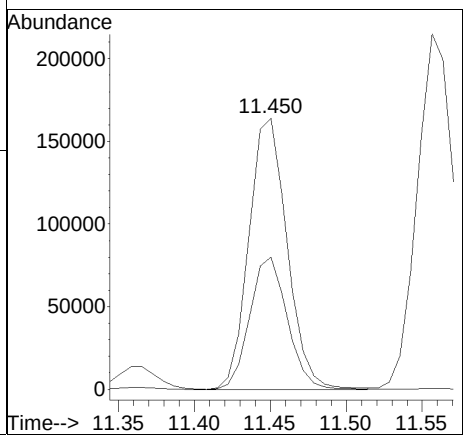


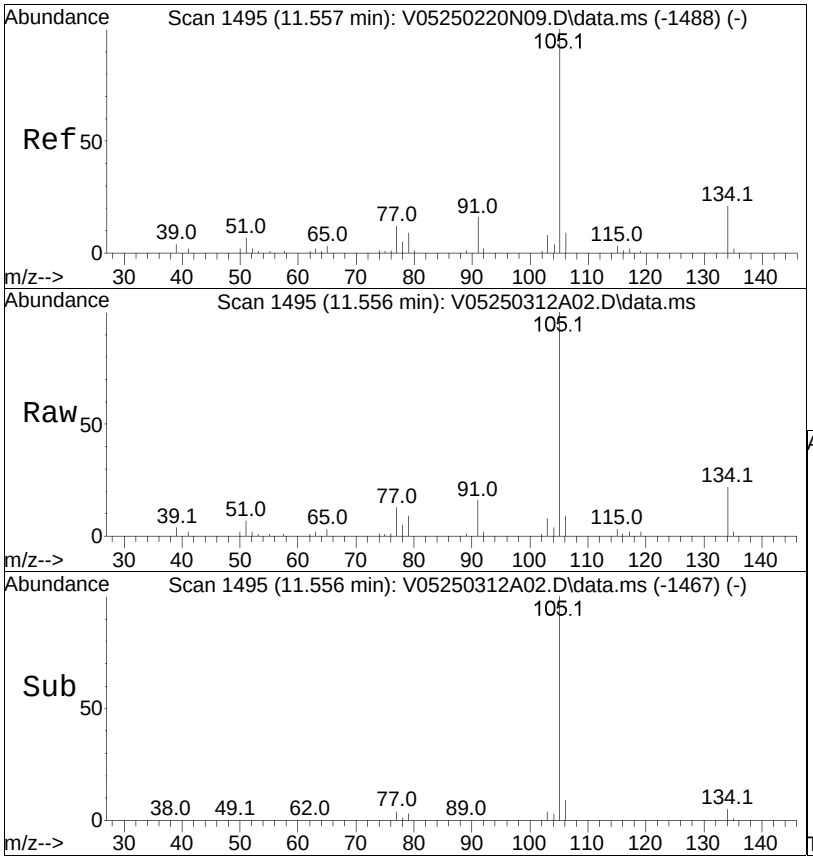


#97
1,2,4-Trimethylbenzene
Concen: 9.82 ug/L
RT: 11.450 min Scan# 1480
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:105 Resp: 287082

Ion	Ratio	Lower	Upper
105	100		
120	48.0	38.2	57.4

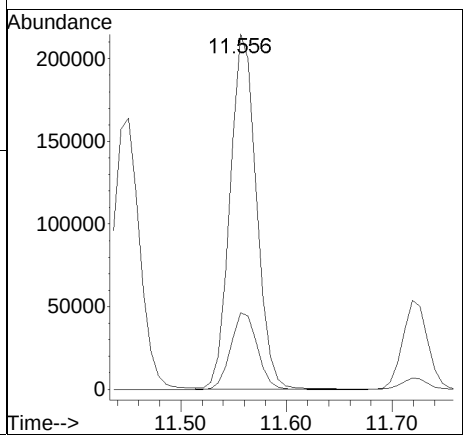


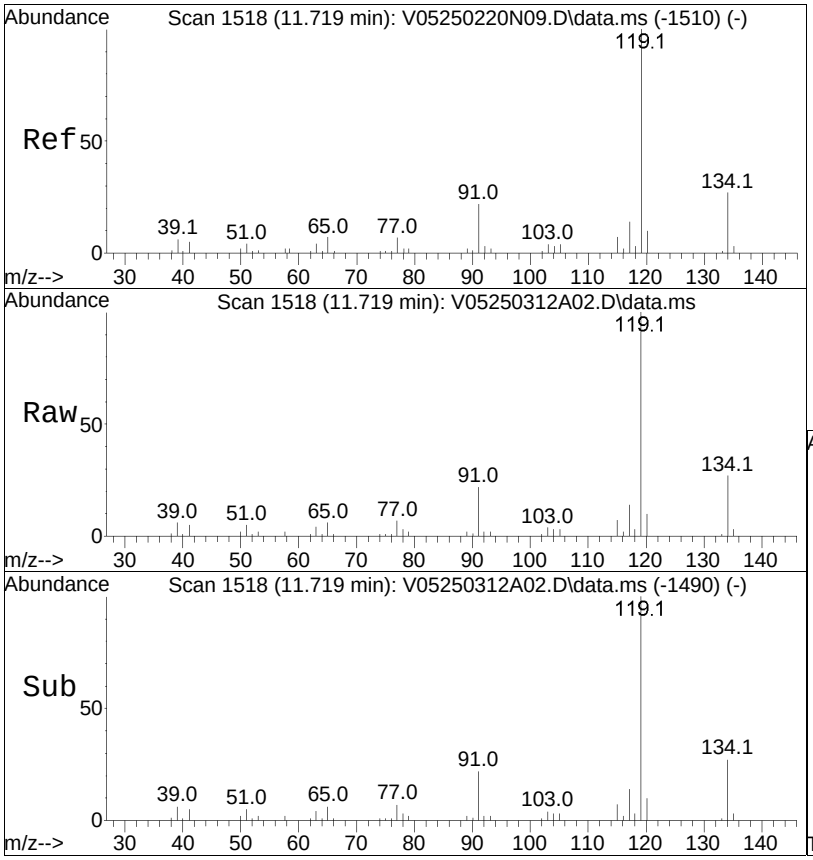


#98
sec-Butylbenzene
Concen: 9.83 ug/L
RT: 11.556 min Scan# 1495
Delta R.T. -0.001 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:105 Resp: 370427

Ion	Ratio	Lower	Upper
105	100		
134	21.8	14.2	29.6

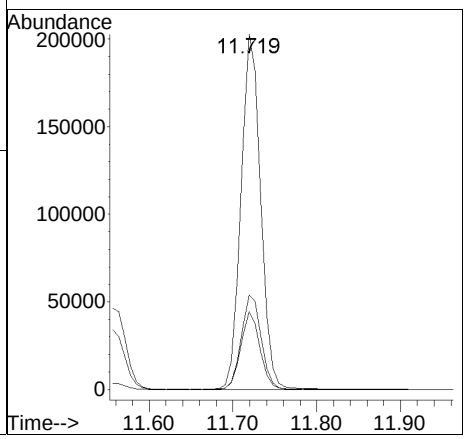


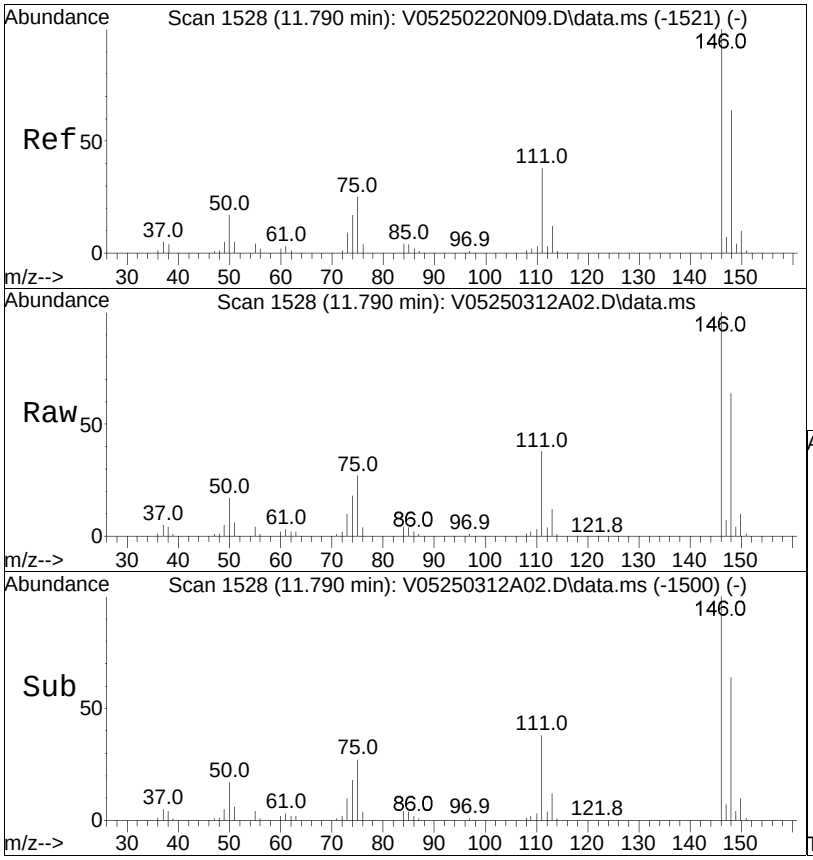


#99
p-Isopropyltoluene
Concen: 9.88 ug/L
RT: 11.719 min Scan# 1518
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:119 Resp: 330656

Ion	Ratio	Lower	Upper
119	100		
134	26.9	17.4	36.2
91	21.3	14.2	29.4

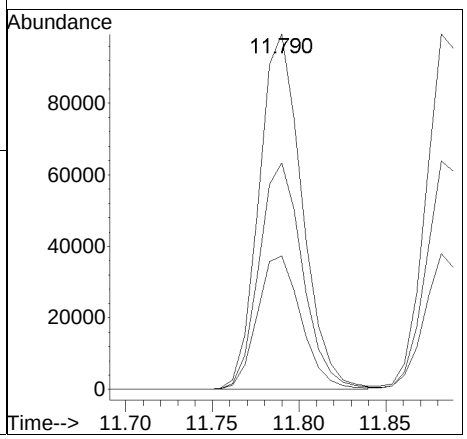


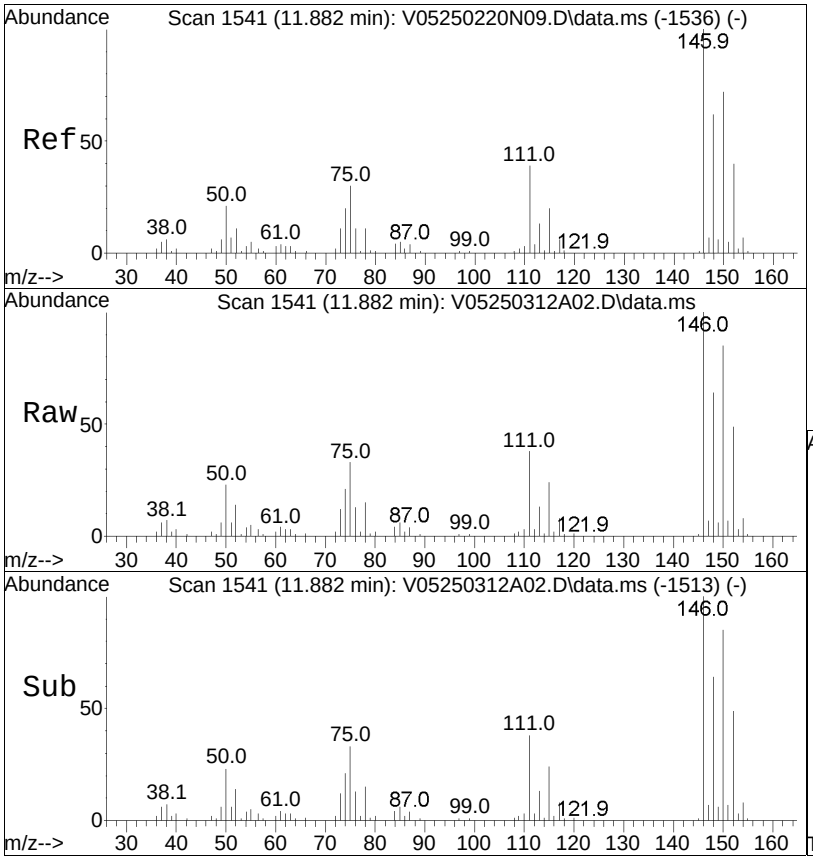


#100
1,3-Dichlorobenzene
Concen: 9.69 ug/L
RT: 11.790 min Scan# 1528
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:146 Resp: 171557

Ion	Ratio	Lower	Upper
146	100		
111	38.5	25.1	52.1
148	64.6	40.9	84.9

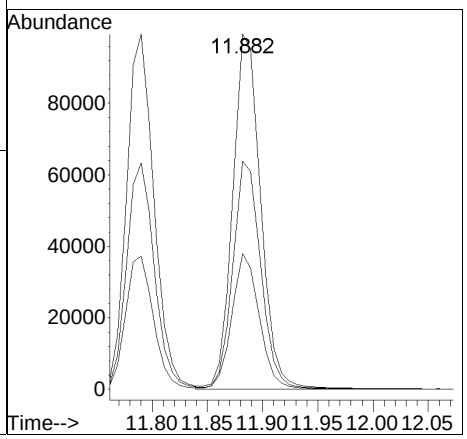


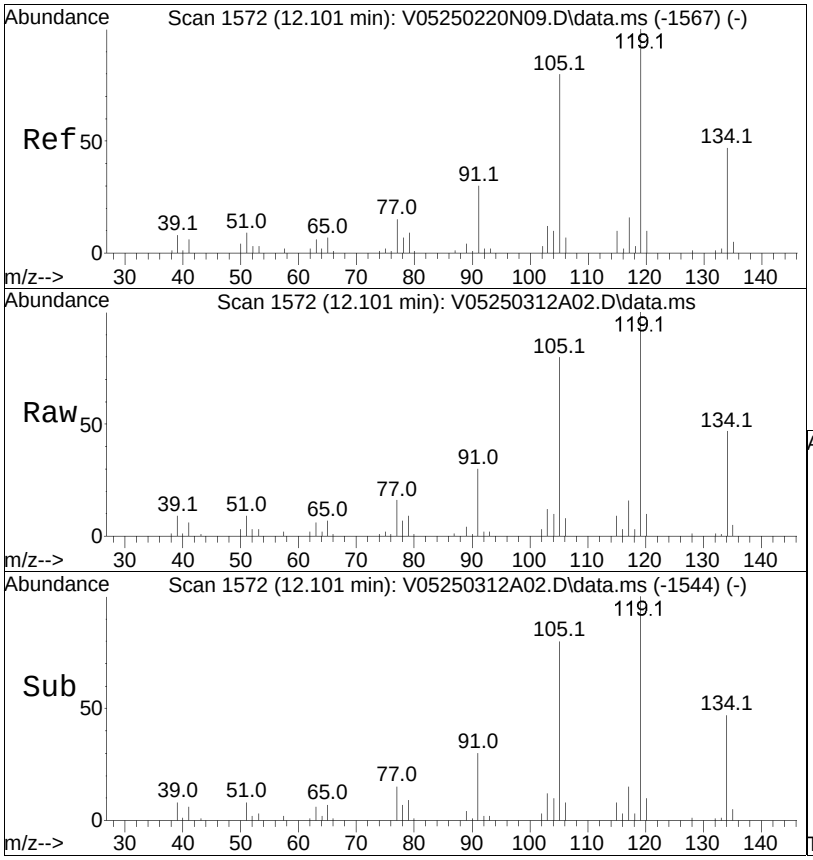


#101
1,4-Dichlorobenzene
Concen: 9.59 ug/L
RT: 11.882 min Scan# 1541
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:146 Resp: 174484

Ion	Ratio	Lower	Upper
146	100		
111	38.0	30.2	45.2
148	64.8	50.5	75.7

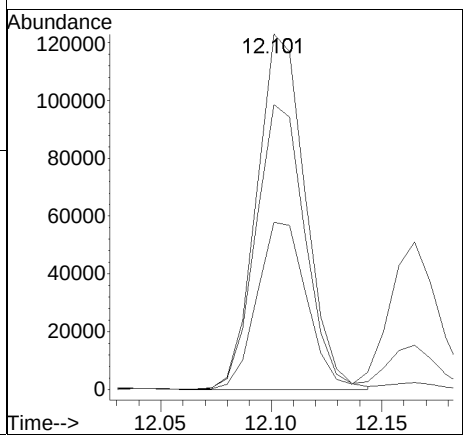


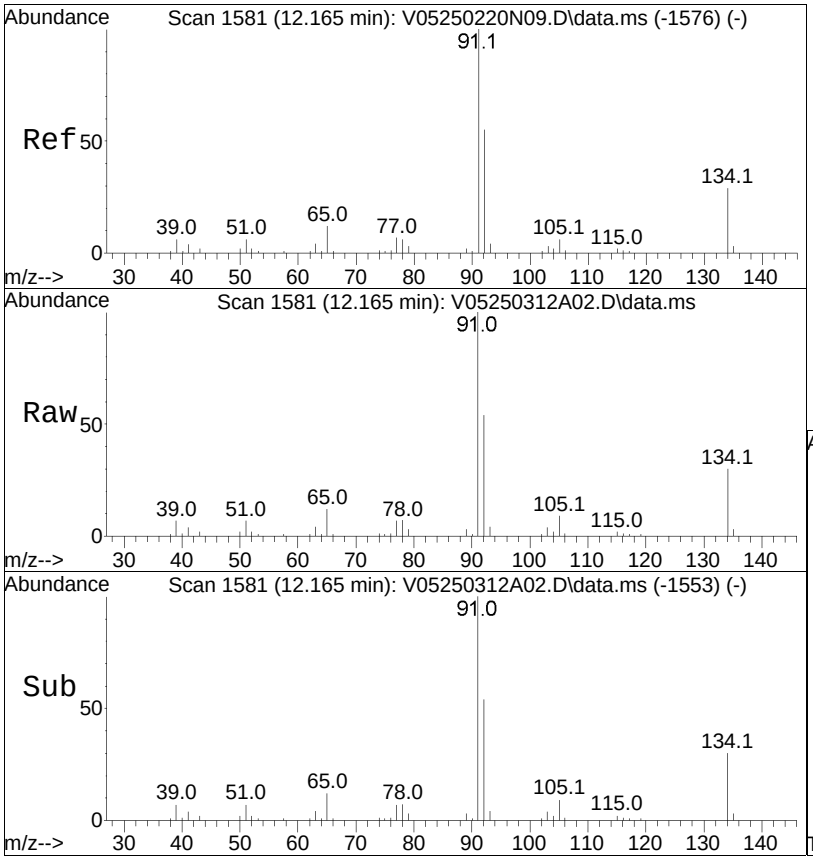


#102
p-Diethylbenzene
Concen: 9.60 ug/L
RT: 12.101 min Scan# 1572
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:119 Resp: 188613

Ion	Ratio	Lower	Upper
119	100		
105	80.7	52.1	108.1
134	48.0	30.9	64.1

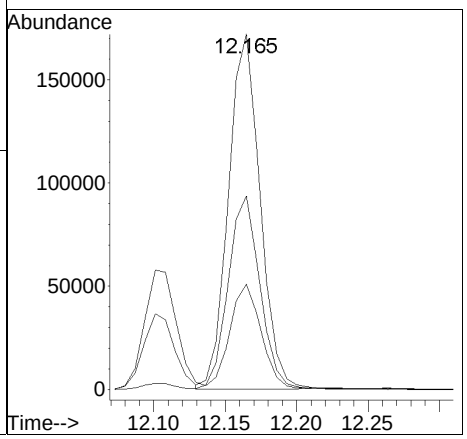


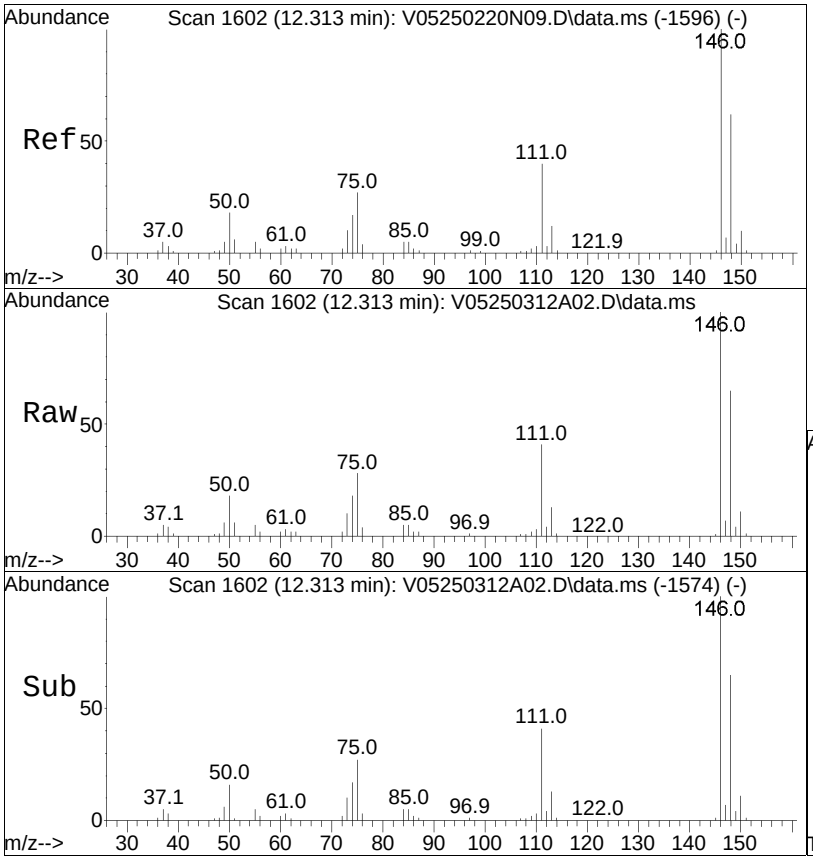


#103
n-Butylbenzene
Concen: 10.00 ug/L
RT: 12.165 min Scan# 1581
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion: 91 Resp: 264744

Ion	Ratio	Lower	Upper
91	100		
92	54.9	43.6	65.4
134	29.3	24.3	36.5

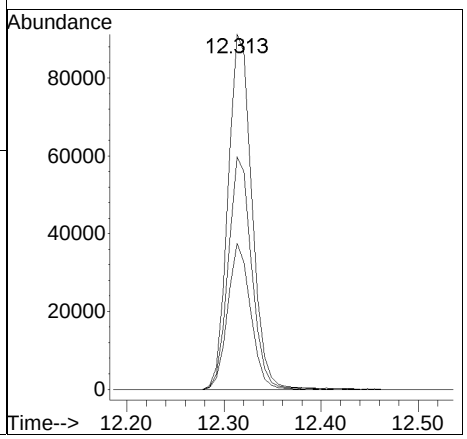


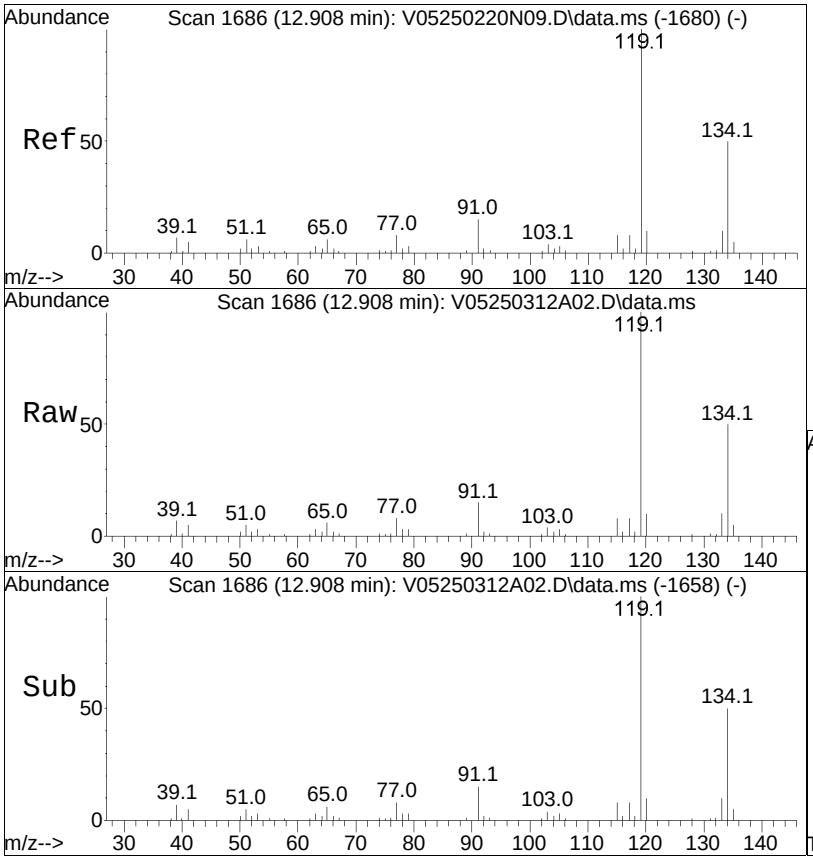


#104
1,2-Dichlorobenzene
Concen: 9.73 ug/L
RT: 12.313 min Scan# 1602
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:146 Resp: 156007

Ion	Ratio	Lower	Upper
146	100		
111	39.3	25.9	53.7
148	64.0	41.0	85.2

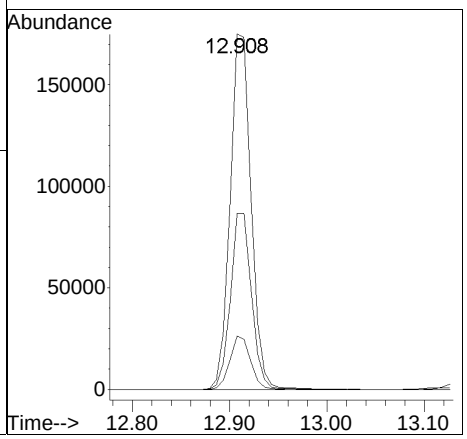


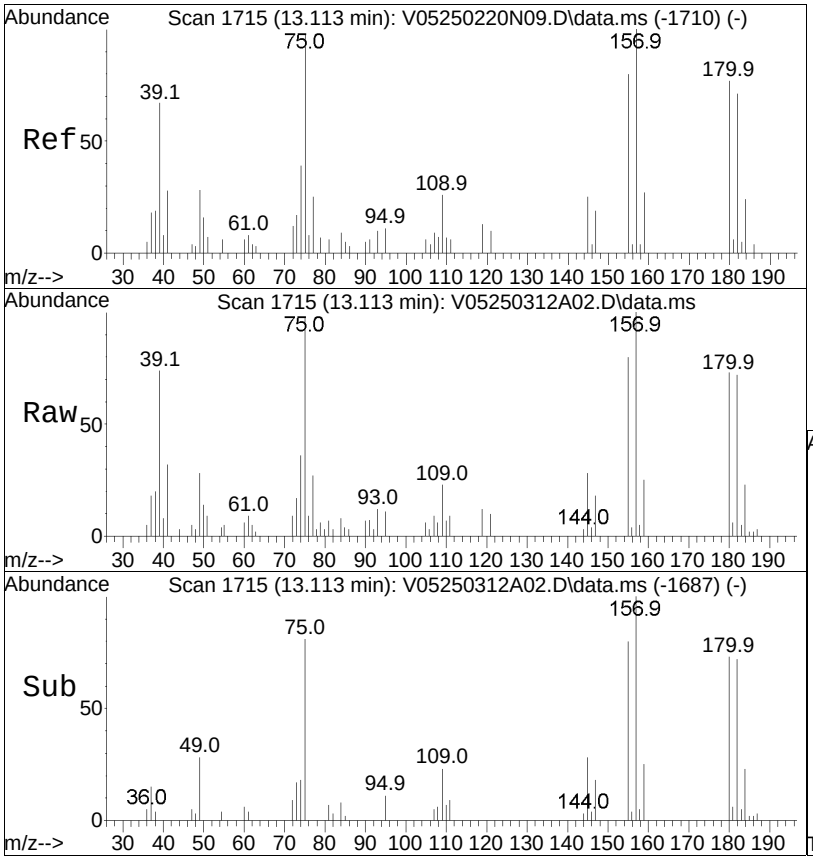


#105
1,2,4,5-Tetramethylbenzene
Concen: 8.79 ug/L
RT: 12.908 min Scan# 1686
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:119 Resp: 262781

Ion	Ratio	Lower	Upper
119	100		
134	49.7	32.4	67.2
91	14.7	9.6	20.0

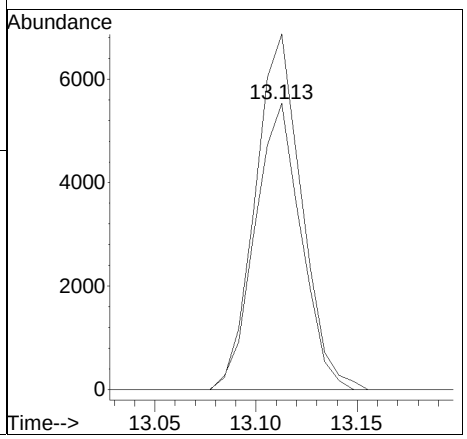


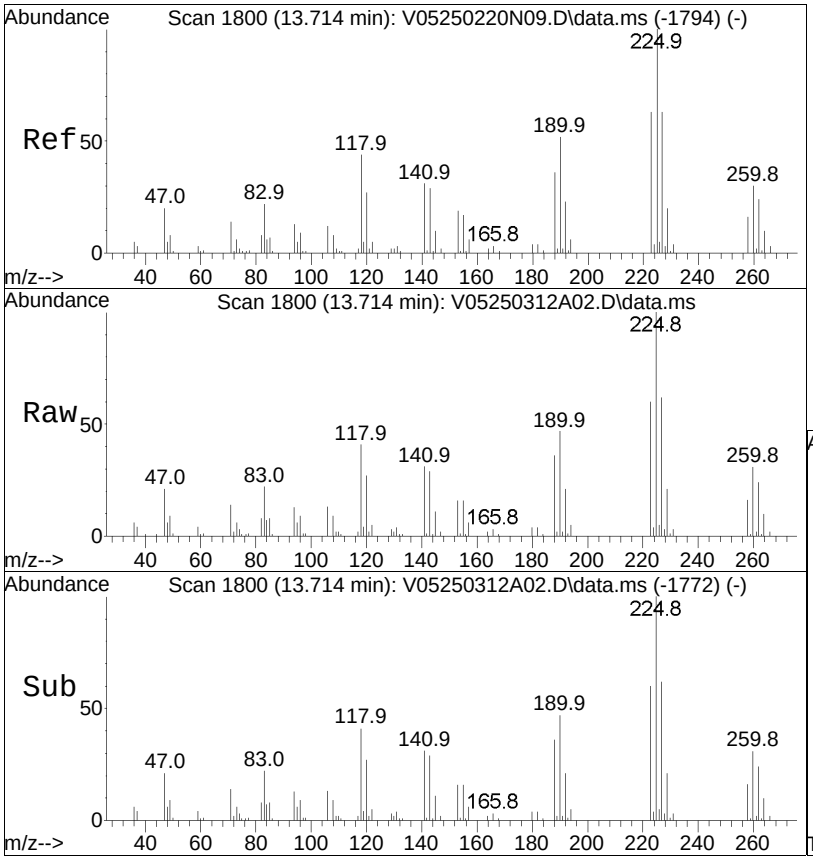


#106
1,2-Dibromo-3-chloropropane
Concen: 8.73 ug/L
RT: 13.113 min Scan# 1715
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:155 Resp: 8754

Ion	Ratio	Lower	Upper
155	100		
157	124.8	101.8	152.6

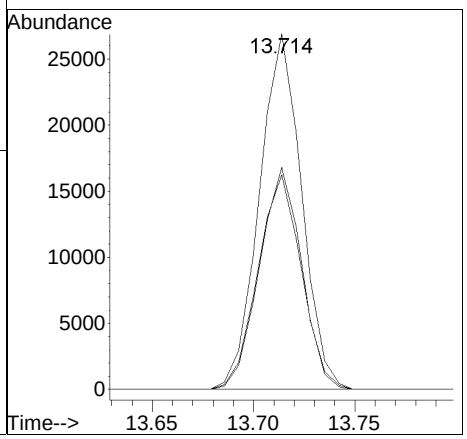


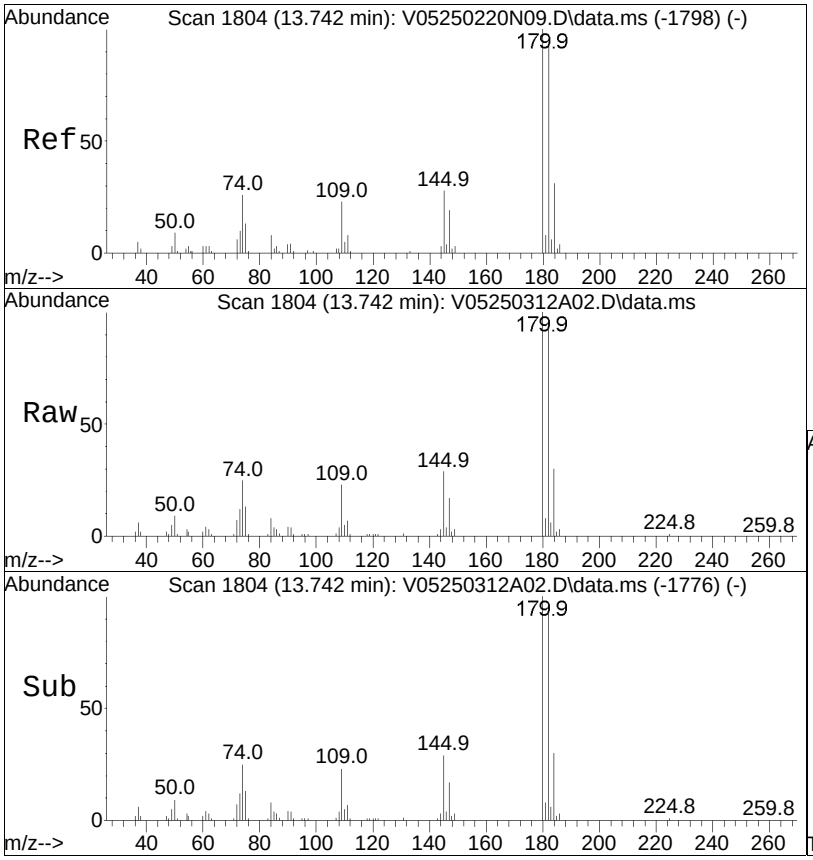


#108
Hexachlorobutadiene
Concen: 9.45 ug/L
RT: 13.714 min Scan# 1800
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:225 Resp: 39002

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.8	76.2
227	62.6	51.8	77.6

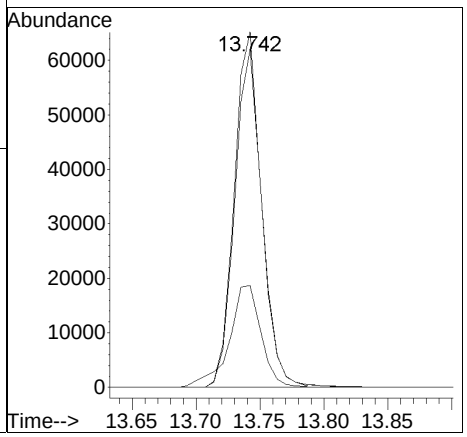


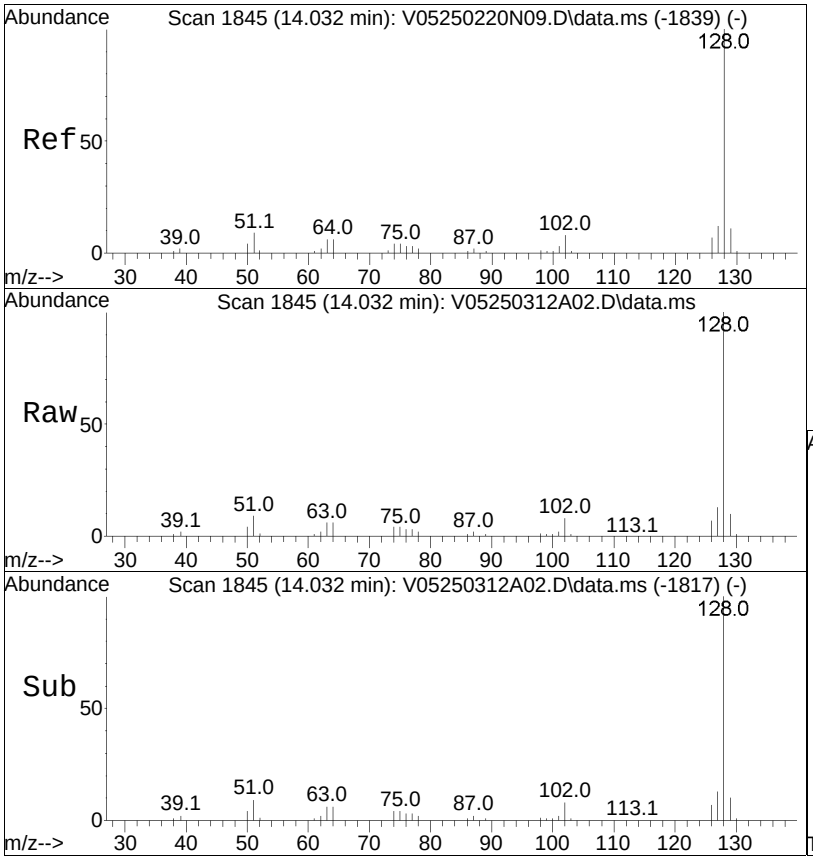


#109
1,2,4-Trichlorobenzene
Concen: 9.90 ug/L
RT: 13.742 min Scan# 1804
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:180 Resp: 97151

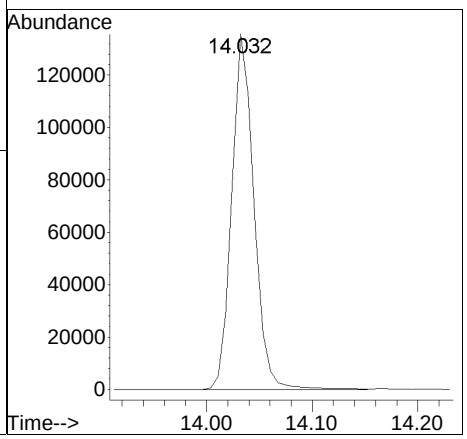
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.4	114.6
145	33.5	27.3	40.9

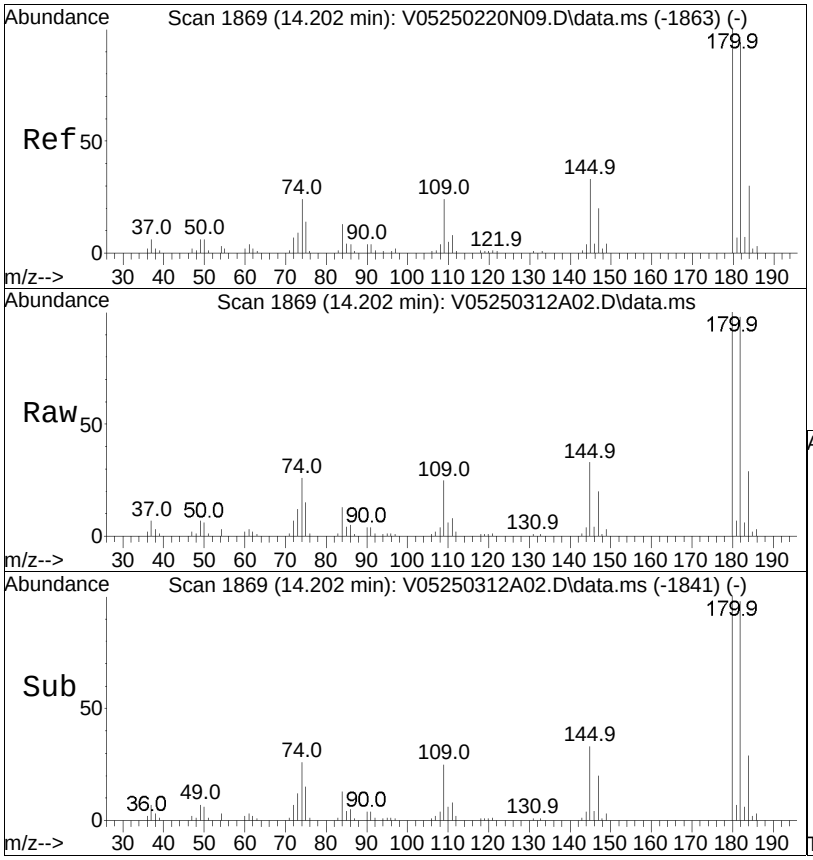




#110
Naphthalene
Concen: 10.07 ug/L
RT: 14.032 min Scan# 1845
Delta R.T. 0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:128 Resp: 198152

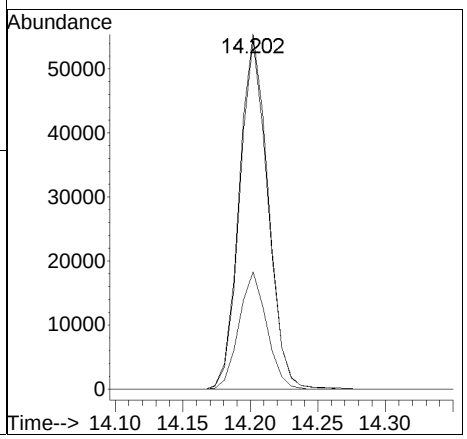




#111
1,2,3-Trichlorobenzene
Concen: 10.03 ug/L
RT: 14.202 min Scan# 1869
Delta R.T. -0.000 min
Lab File: V05250312A02.D
Acq: 12 Mar 2025 7:22 am

Tgt Ion:180 Resp: 82568

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.1	112.7
145	31.8	25.6	38.4

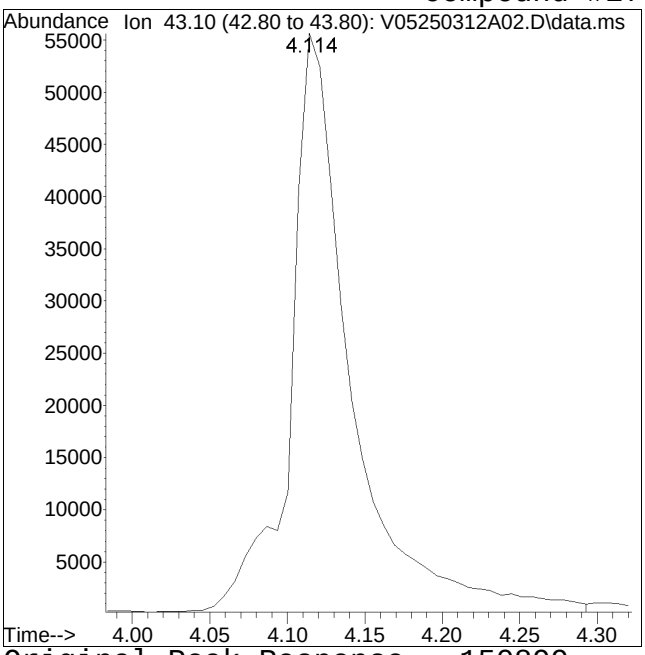


Manual Integration Report

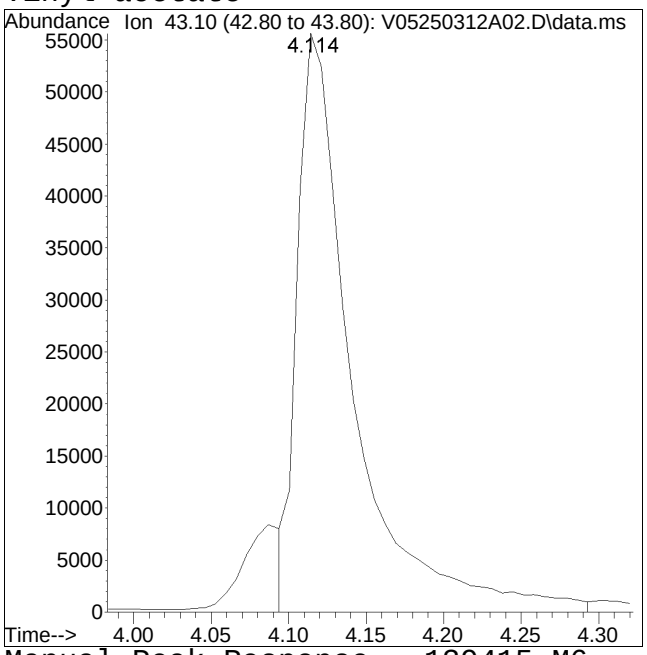
Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A02.D
Date Inj'd : 3/12/2025 7:22 am
Sample : WG2039666-4,31,10,10

QMethod : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 3/12/2025 8:39 am

Compound #27: Vinyl acetate



Original Peak Response = 150899



Manual Peak Response = 139415 M6

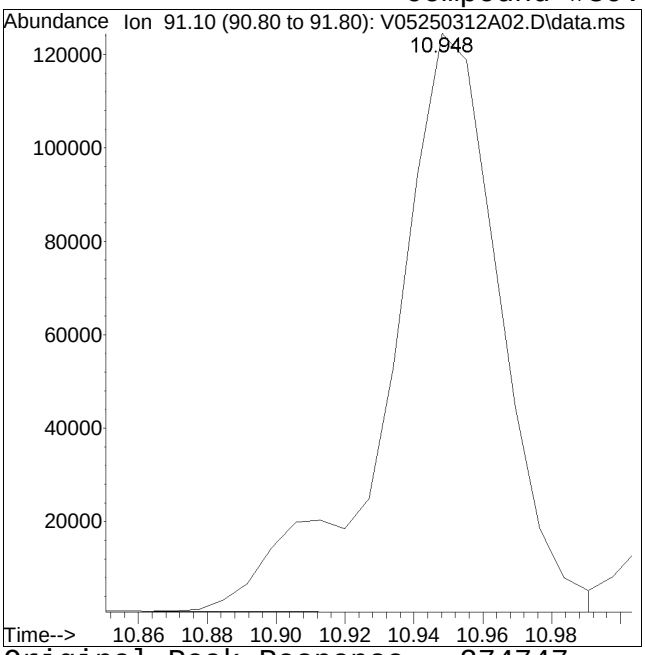
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

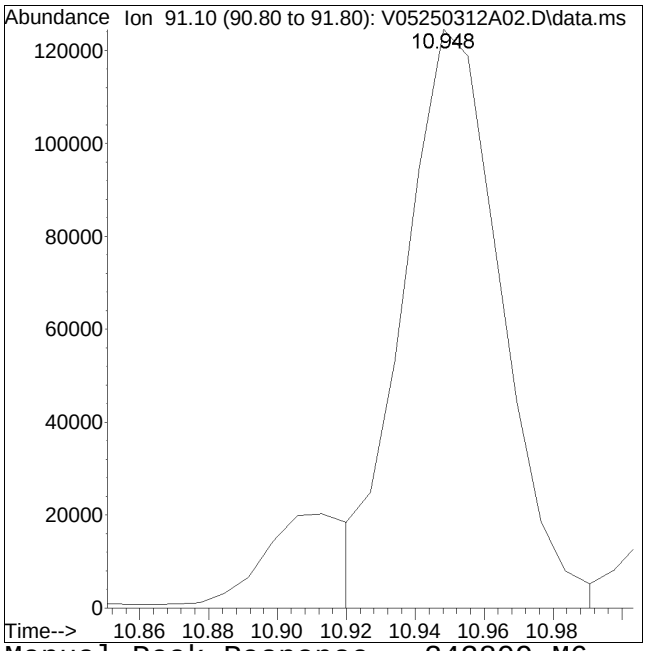
Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A02.D
Date Inj'd : 3/12/2025 7:22 am
Sample : WG2039666-4,31,10,10

QMethod : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 3/12/2025 8:39 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 274747



Manual Peak Response = 243809 M6

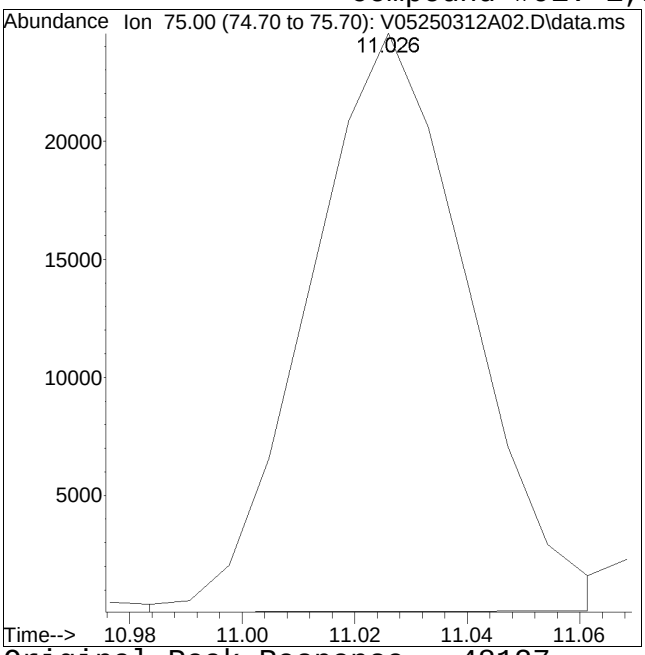
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

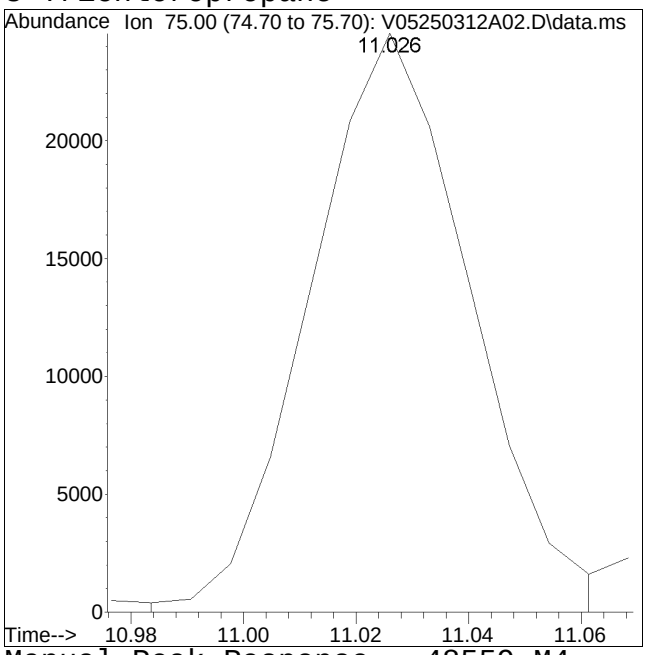
Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A02.D
Date Inj'd : 3/12/2025 7:22 am
Sample : WG2039666-4,31,10,10

QMethod : V105_250220N_8260.m
Operator : VOA105:PID
Instrument : VOA105
Quant Date : 3/12/2025 8:39 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 48127



Manual Peak Response = 48559 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A02.D
Acq On : 12 Mar 2025 7:55 am
Operator : VOA101:PID
Sample : WG2039675-4,31,10,10
Misc : WG2039675,ICAL21969
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 12 08:38:45 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250312A\V01250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.896	96	582891	10.000	ug/L	0.00
Standard Area 1 = 569723			Recovery = 102.31%			
59) Chlorobenzene-d5	9.415	117	417352	10.000	ug/L	0.00
Standard Area 1 = 412059			Recovery = 101.28%			
79) 1,4-Dichlorobenzene-d4	12.140	152	225289	10.000	ug/L	0.00
Standard Area 1 = 220763			Recovery = 102.05%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.099	113	149475	10.087	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.87%			
43) 1,2-Dichloroethane-d4	5.614	65	167739	9.868	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.68%			
60) Toluene-d8	7.575	98	567814	10.241	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.41%			
83) 4-Bromofluorobenzene	10.921	95	215223	9.757	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.57%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.621	85	144878	9.342	ug/L	99
3) Chloromethane	1.802	50	259727	9.051	ug/L	99
4) Vinyl chloride	1.875	62	186507	10.324	ug/L	98
5) Bromomethane	2.173	94	46016	12.241	ug/L	98
6) Chloroethane	2.288	64	100605	11.685	ug/L	99
7) Trichlorofluoromethane	2.419	101	188557	10.012	ug/L	100
8) Ethyl ether	2.709	74	50338	10.486	ug/L	94
10) 1,1-Dichloroethene	2.893	96	122276	9.640	ug/L	99
11) Carbon disulfide	2.923	76	402670	9.585	ug/L	100
15) Methylene chloride	3.437	84	141218	9.331	ug/L	97
17) Acetone	3.481	43	23568	7.763	ug/L	98
18) trans-1,2-Dichloroethene	3.587	96	138185	9.756	ug/L	99
20) Methyl tert-butyl ether	3.676	73	275137	9.279	ug/L	99
23) 1,1-Dichloroethane	4.153	63	301593	9.902	ug/L	99
25) Acrylonitrile	4.203	53	33788	9.628	ug/L	97
27) Vinyl acetate	4.382	43	294221	9.788	ug/L #	90
28) cis-1,2-Dichloroethene	4.664	96	150461	9.702	ug/L	99
29) 2,2-Dichloropropane	4.756	77	201768	10.787	ug/L	97
30) Bromochloromethane	4.850	128	62624	10.243	ug/L	99
32) Chloroform	4.926	83	250034	9.926	ug/L	99

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A02.D
Acq On : 12 Mar 2025 7:55 am
Operator : VOA101:PID
Sample : WG2039675-4,31,10,10
Misc : WG2039675,ICAL21969
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 12 08:38:45 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250312A\V01250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Carbon tetrachloride	5.057	117	176364	9.601	ug/L		97
37) 1,1,1-Trichloroethane	5.121	97	210207	9.731	ug/L	#	97
39) 2-Butanone	5.219	43	43169	10.313	ug/L	#	70
40) 1,1-Dichloropropene	5.241	75	180828	9.592	ug/L		98
41) Benzene	5.481	78	557684	10.111	ug/L		100
44) 1,2-Dichloroethane	5.681	62	173650	9.548	ug/L		98
48) Trichloroethene	6.077	95	148708	9.760	ug/L		99
50) Dibromomethane	6.515	93	68128	9.713	ug/L		99
51) 1,2-Dichloropropane	6.613	63	166375	9.883	ug/L		98
54) Bromodichloromethane	6.688	83	177592	9.502	ug/L		99
57) 1,4-Dioxane	6.897	88	37565M1	501.551	ug/L		
58) cis-1,3-Dichloropropene	7.371	75	184788	8.931	ug/L		99
61) Toluene	7.631	92	341704	10.248	ug/L		100
62) 4-Methyl-2-pentanone	8.069	58	28454	8.822	ug/L	#	97
63) Tetrachloroethene	8.082	166	140959	10.548	ug/L		100
65) trans-1,3-Dichloropropene	8.116	75	146193	9.412	ug/L		100
68) 1,1,2-Trichloroethane	8.303	83	85436	10.232	ug/L		98
69) Chlorodibromomethane	8.515	129	108880	9.441	ug/L		99
70) 1,3-Dichloropropane	8.618	76	173965	10.174	ug/L		100
71) 1,2-Dibromoethane	8.785	107	90002	9.935	ug/L		100
72) 2-Hexanone	9.078	43	49396M1	8.781	ug/L		
73) Chlorobenzene	9.435	112	382063	10.324	ug/L		99
74) Ethylbenzene	9.471	91	671586	10.431	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.516	131	129375	9.977	ug/L		98
76) p/m Xylene	9.655	106	521604	21.232	ug/L		99
77) o Xylene	10.199	106	501221	21.130	ug/L		98
78) Styrene	10.269	104	780858	21.474	ug/L		97
80) Bromoform	10.299	173	57721	9.206	ug/L		98
82) Isopropylbenzene	10.589	105	639780	10.303	ug/L		100
84) Bromobenzene	11.036	156	144987	10.350	ug/L		100
85) n-Propylbenzene	11.077	91	781502	10.745	ug/L		99
87) 1,1,2,2-Tetrachloroethane	11.169	83	113288	10.299	ug/L		99
88) 4-Ethyltoluene	11.206	105	618778	10.275	ug/L		99
89) 2-Chlorotoluene	11.248	91	459961M1	10.380	ug/L		
90) 1,3,5-Trimethylbenzene	11.303	105	510301	10.240	ug/L		100
91) 1,2,3-Trichloropropane	11.303	75	86550M4	9.945	ug/L		
92) trans-1,4-Dichloro-2-b...	11.367	53	22490M1	9.245	ug/L		
93) 4-Chlorotoluene	11.432	91	461909	10.488	ug/L		99
94) tert-Butylbenzene	11.646	119	438902	10.218	ug/L		99

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A02.D
Acq On : 12 Mar 2025 7:55 am
Operator : VOA101:PID
Sample : WG2039675-4,31,10,10
Misc : WG2039675,ICAL21969
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 12 08:38:45 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA101\2025\250312A\V01250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
97)	1,2,4-Trimethylbenzene	11.727	105	493264	10.442	ug/L	100
98)	sec-Butylbenzene	11.839	105	634232	10.563	ug/L	99
99)	p-Isopropyltoluene	11.995	119	535484	10.482	ug/L	99
100)	1,3-Dichlorobenzene	12.065	146	268952	10.556	ug/L	100
101)	1,4-Dichlorobenzene	12.157	146	268036	10.261	ug/L	99
102)	p-Diethylbenzene	12.369	119	296847	10.258	ug/L	99
103)	n-Butylbenzene	12.430	91	454144	11.041	ug/L	98
104)	1,2-Dichlorobenzene	12.583	146	234366	10.382	ug/L	99
105)	1,2,4,5-Tetramethylben...	13.172	119	372471	9.666	ug/L	98
106)	1,2-Dibromo-3-chloropr...	13.364	155	10830M1	8.345	ug/L	
108)	Hexachlorobutadiene	13.978	225	55789	11.035	ug/L	97
109)	1,2,4-Trichlorobenzene	14.003	180	105328	9.858	ug/L	99
110)	Naphthalene	14.296	128	164110	8.405	ug/L	100
111)	1,2,3-Trichlorobenzene	14.460	180	78220	9.578	ug/L	99

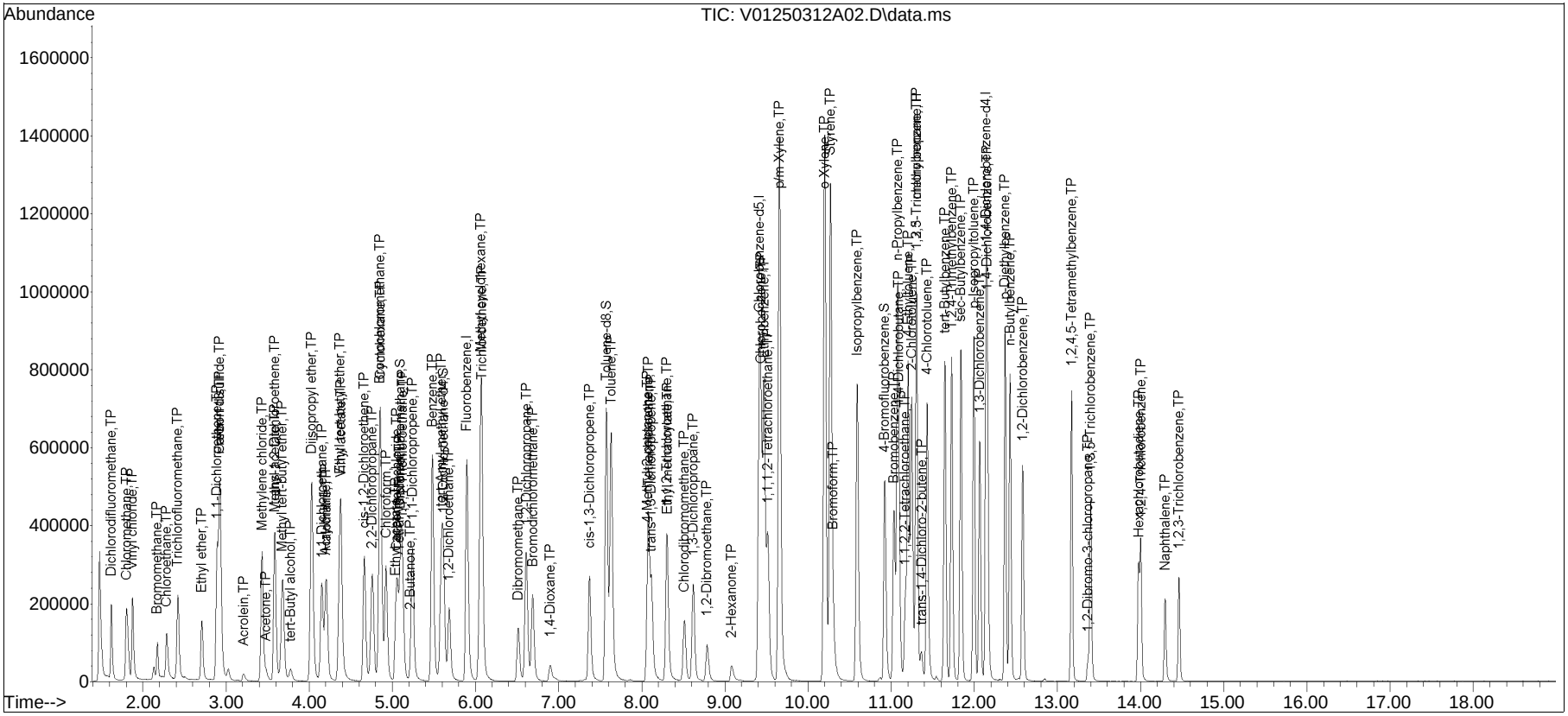
(#) = qualifier out of range (m) = manual integration (+) = signals summed

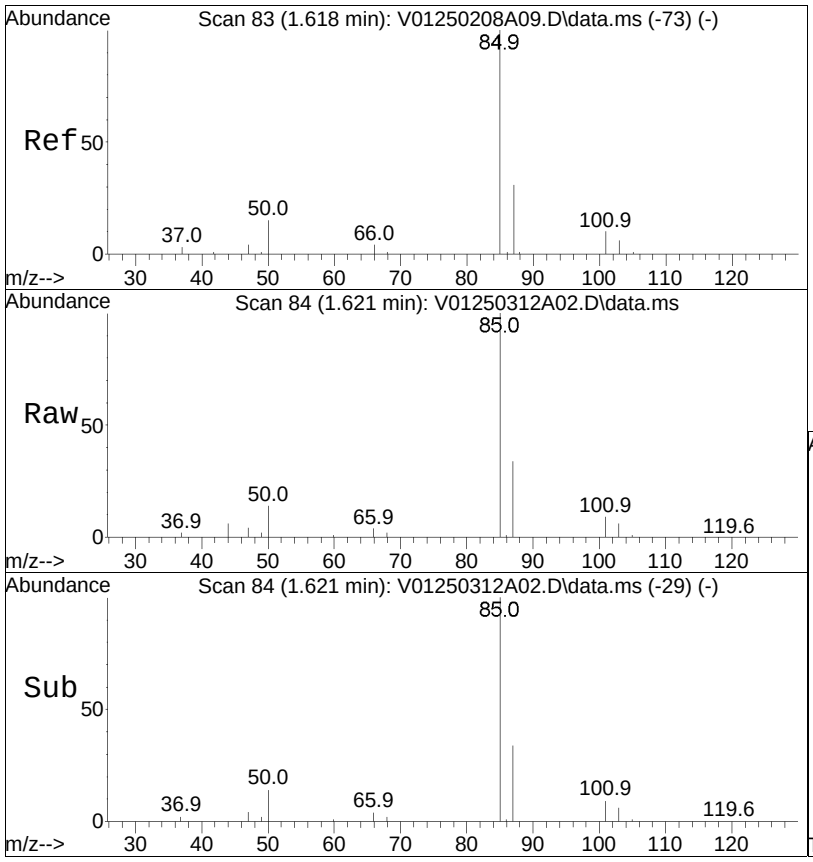
Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A02.D
Acq On : 12 Mar 2025 7:55 am
Operator : VOA101:PID
Sample : WG2039675-4,31,10,10
Misc : WG2039675,ICAL21969
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 12 08:38:45 2025
Quant Method : K:\VOA101\2025\250312A\V101_250208A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Feb 12 10:30:07 2025
Response via : Initial Calibration

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

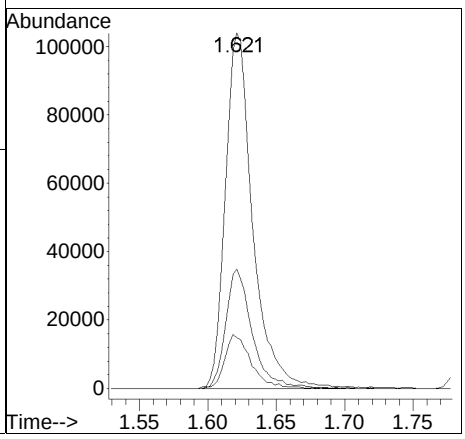


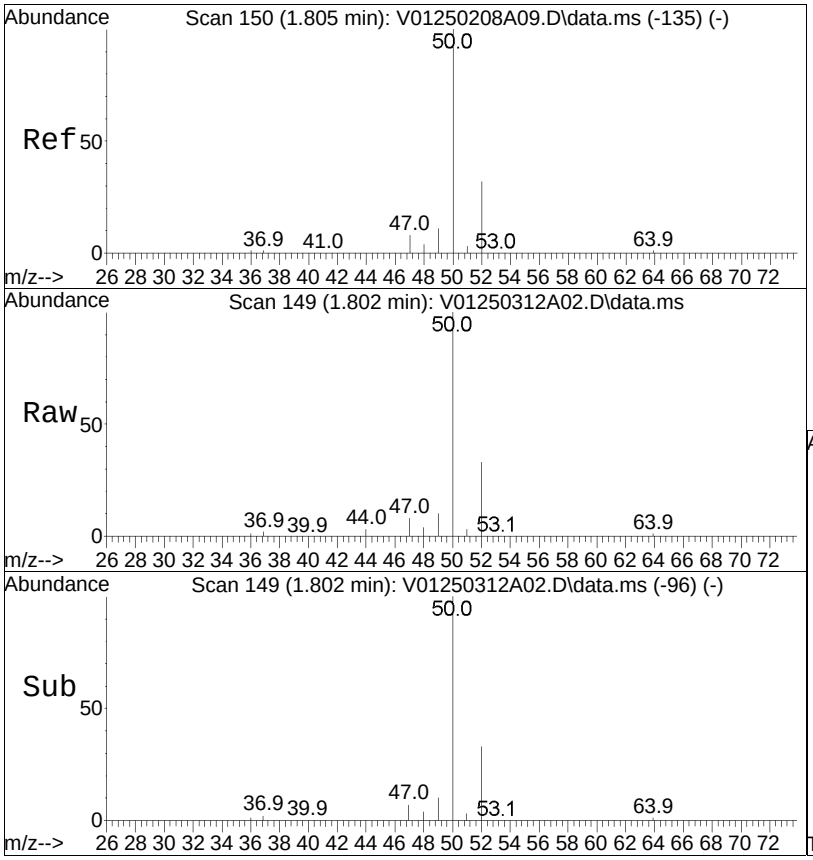


#2
Dichlorodifluoromethane
Concen: 9.34 ug/L
RT: 1.621 min Scan# 84
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 85 Resp: 144878

Ion	Ratio	Lower	Upper
85	100		
87	32.2	20.2	42.0
50	14.5	9.4	19.4

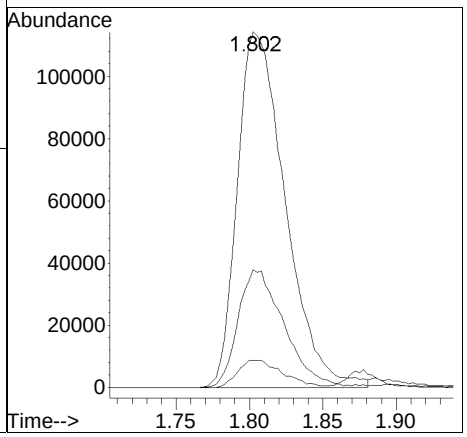


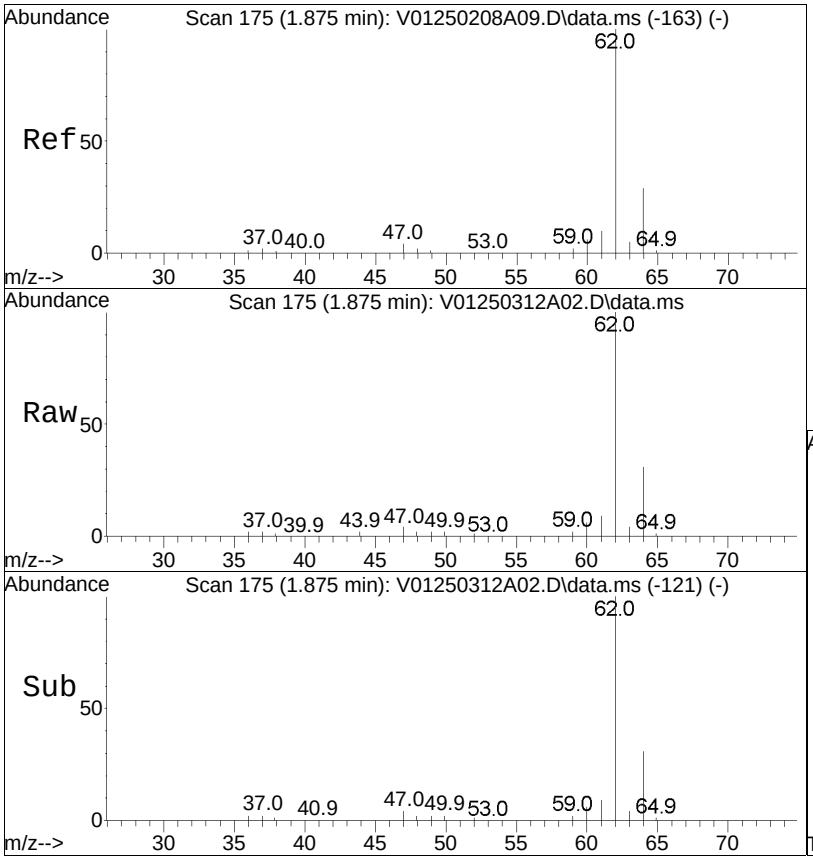


#3
Chloromethane
Concen: 9.05 ug/L
RT: 1.802 min Scan# 149
Delta R.T. -0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 50 Resp: 259727

Ion	Ratio	Lower	Upper
50	100		
52	31.6	11.0	51.0
47	7.2	0.0	27.1

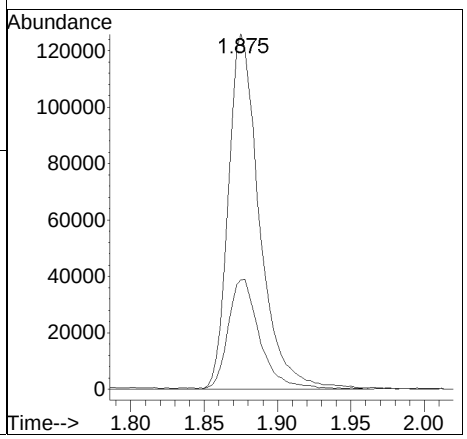


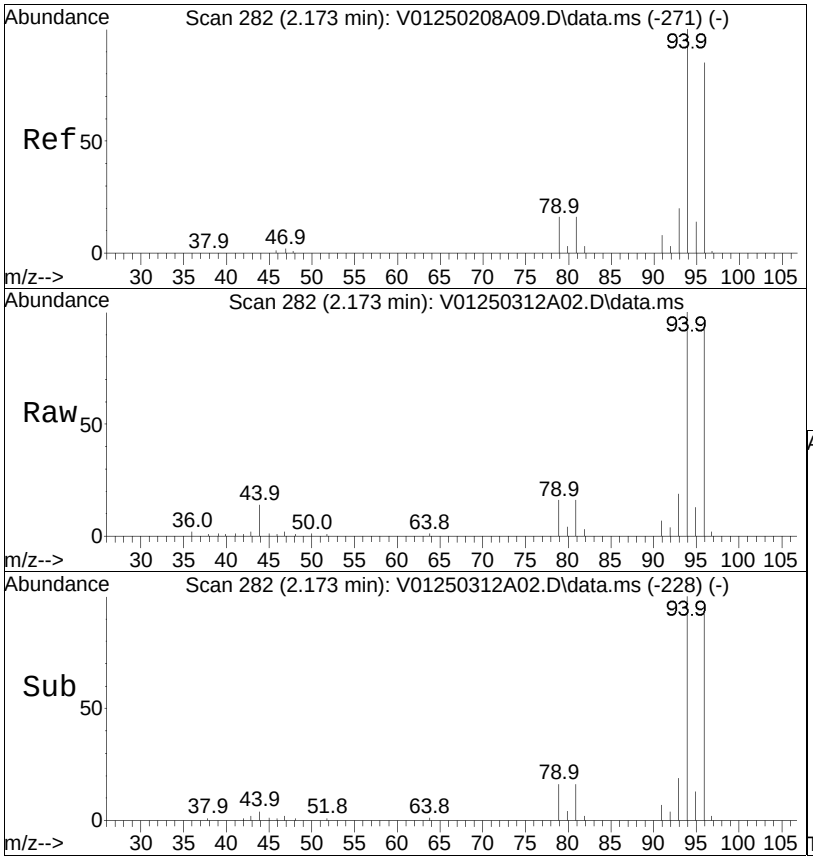


#4
Vinyl chloride
Concen: 10.32 ug/L
RT: 1.875 min Scan# 175
Delta R.T. -0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 62 Resp: 186507

Ion	Ratio	Lower	Upper
62	100		
64	30.8	9.6	49.6

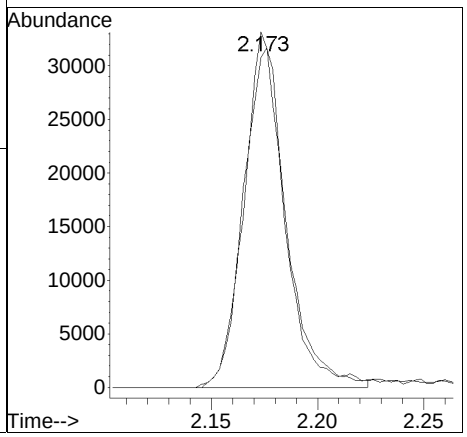


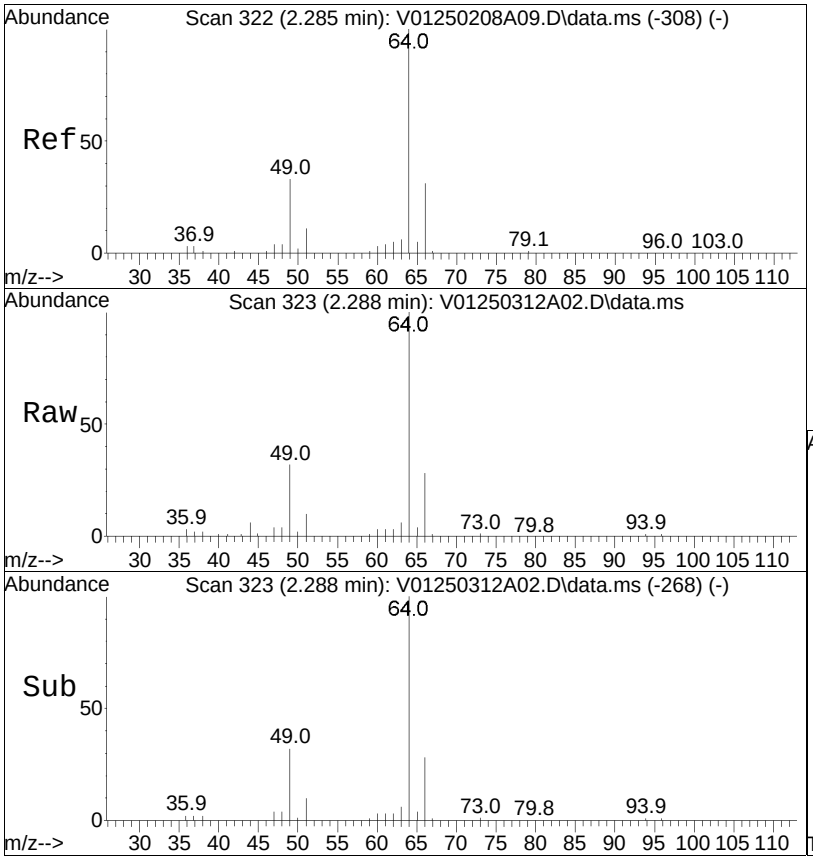


#5
Bromomethane
Concen: 12.24 ug/L
RT: 2.173 min Scan# 282
Delta R.T. 0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 94 Resp: 46016

Ion	Ratio	Lower	Upper
94	100		
96	93.7	75.4	115.4

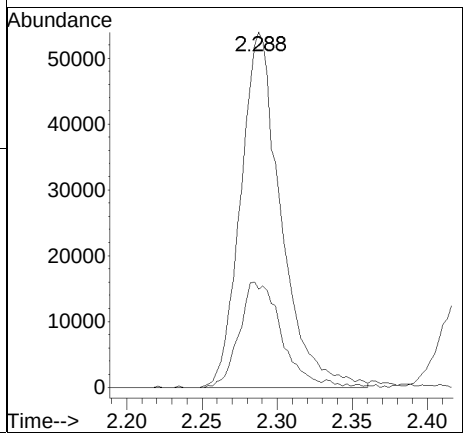


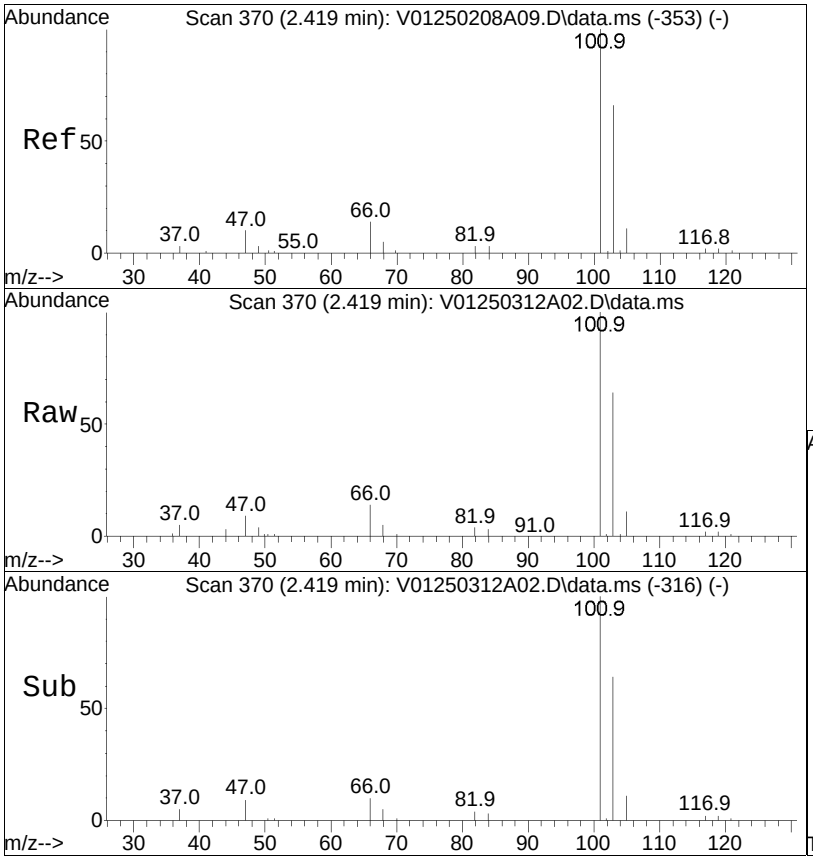


#6
Chloroethane
Concen: 11.68 ug/L
RT: 2.288 min Scan# 323
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 64 Resp: 100605

Ion	Ratio	Lower	Upper
64	100		
66	30.5	10.9	50.9

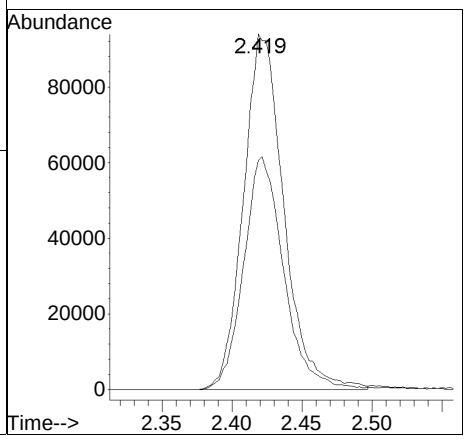


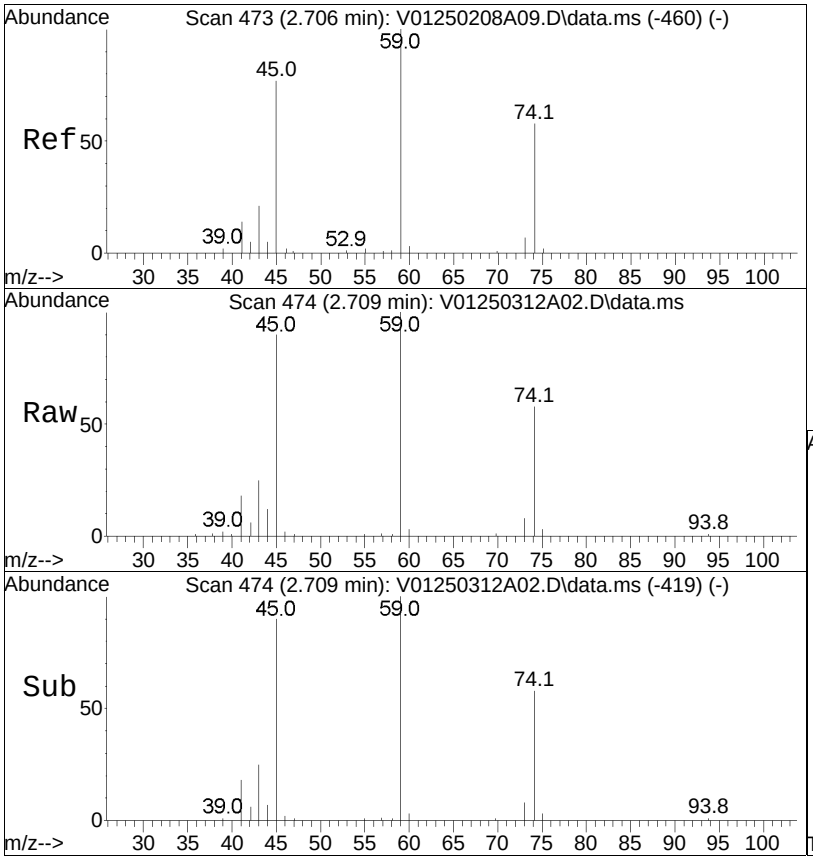


#7
Trichlorofluoromethane
Concen: 10.01 ug/L
RT: 2.419 min Scan# 370
Delta R.T. -0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:101 Resp: 188557

Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.0	78.0

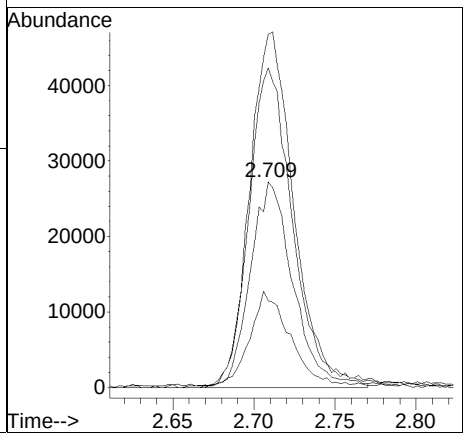


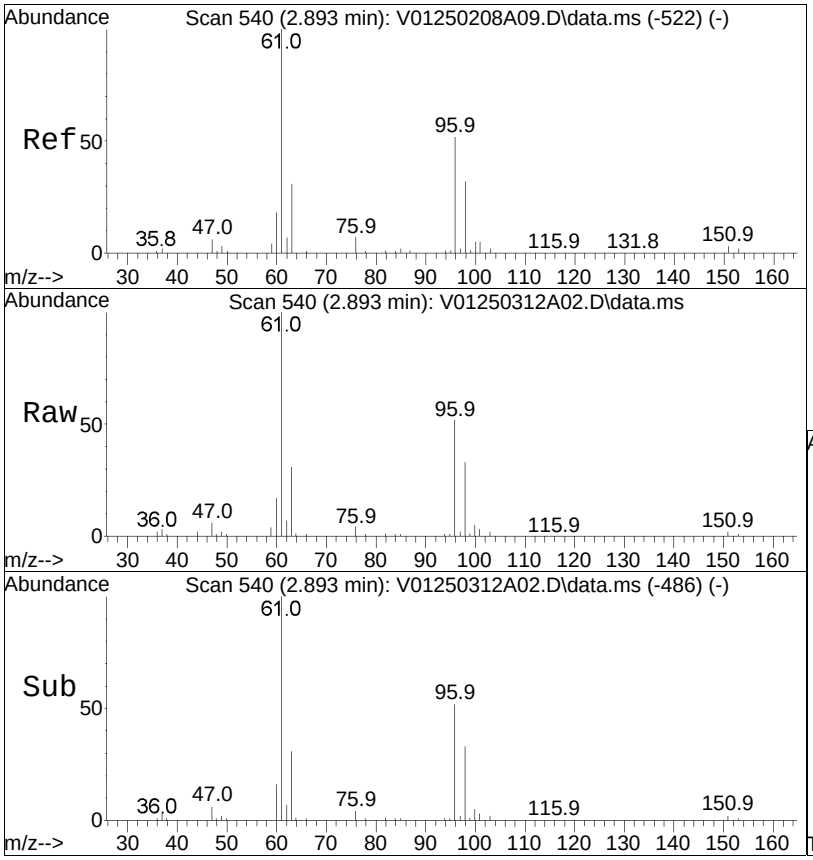


#8
Ethyl ether
Concen: 10.49 ug/L
RT: 2.709 min Scan# 474
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 74 Resp: 50338

Ion	Ratio	Lower	Upper
74	100		
59	177.0	116.6	242.2
45	155.2	92.2	191.4
43	45.0	26.4	54.8

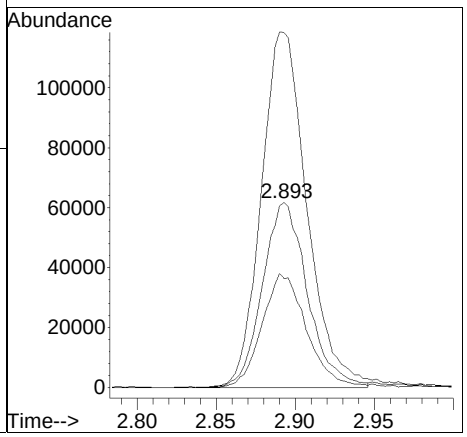


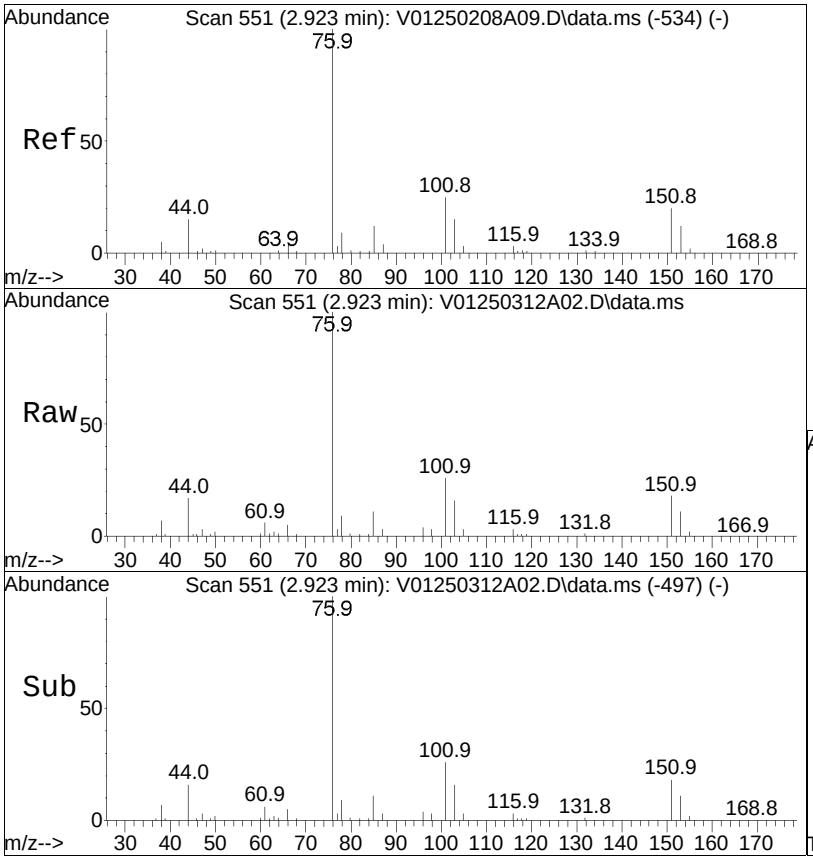


#10
1,1-Dichloroethene
Concen: 9.64 ug/L
RT: 2.893 min Scan# 540
Delta R.T. -0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 96 Resp: 122276

Ion	Ratio	Lower	Upper
96	100		
61	197.0	156.6	235.0
63	60.6	49.7	74.5

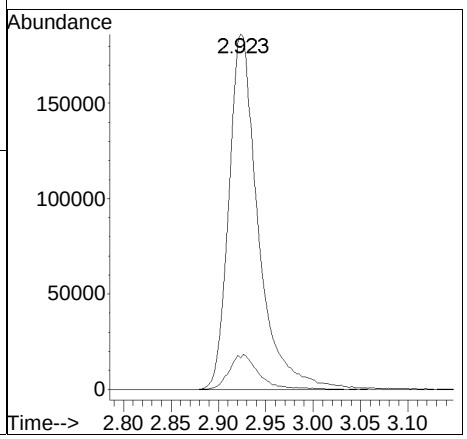


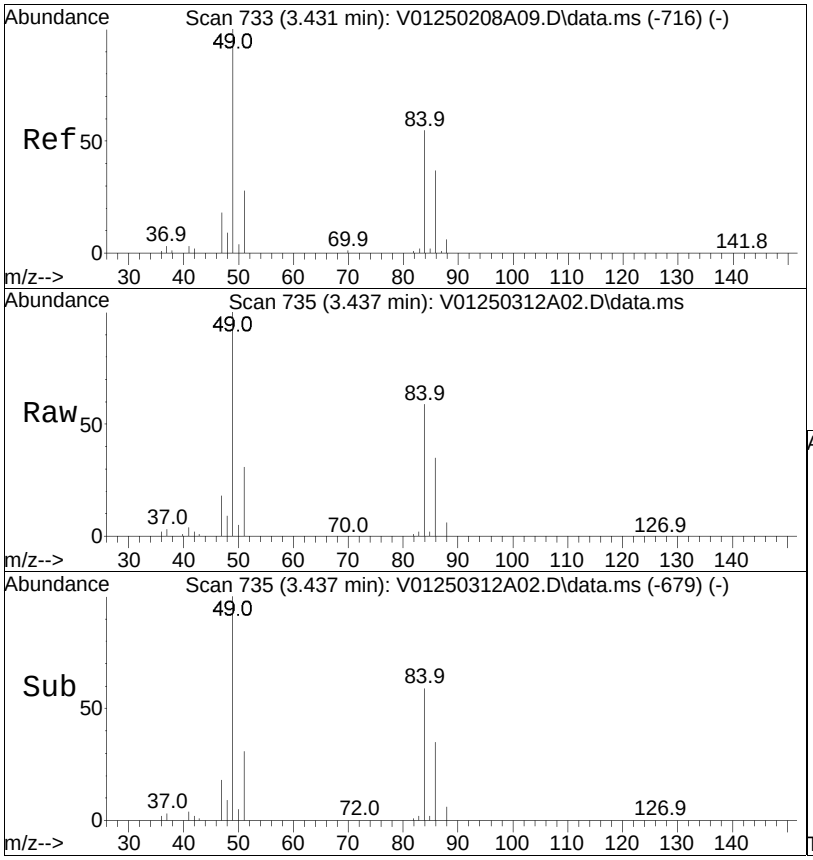


#11
Carbon disulfide
Concen: 9.58 ug/L
RT: 2.923 min Scan# 551
Delta R.T. 0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 76 Resp: 402670

Ion	Ratio	Lower	Upper
76	100		
78	9.7	6.3	13.1

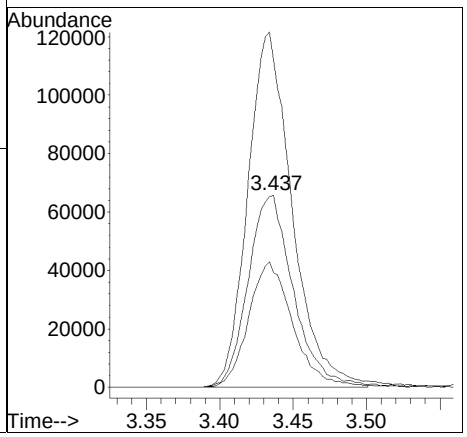


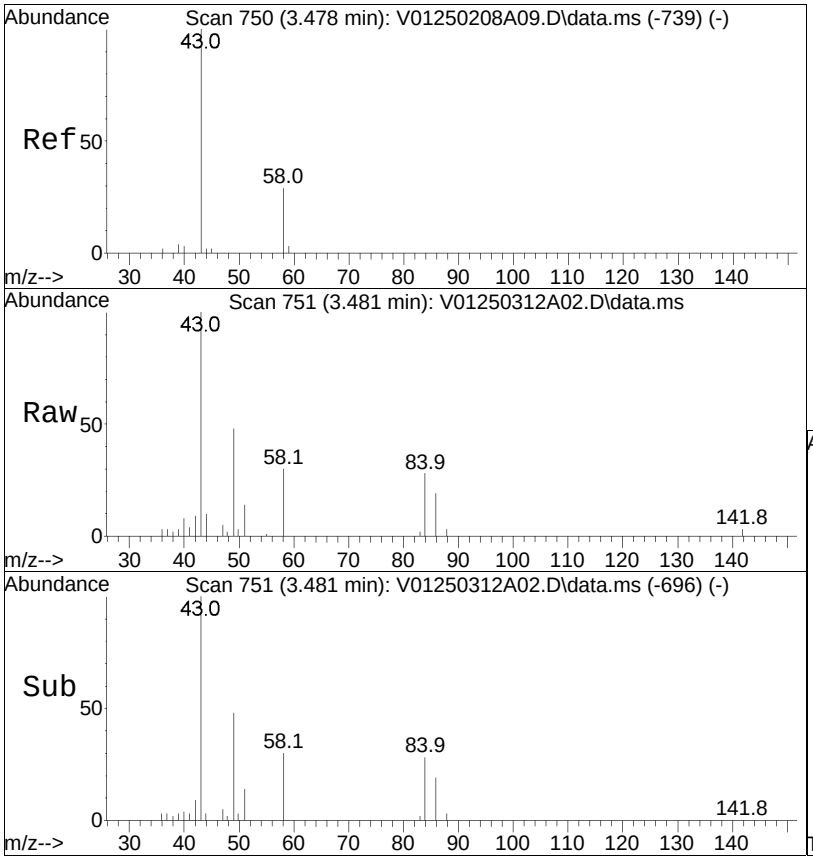


#15
Methylene chloride
Concen: 9.33 ug/L
RT: 3.437 min Scan# 735
Delta R.T. 0.006 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 84 Resp: 141218

Ion	Ratio	Lower	Upper
84	100		
86	63.9	41.7	86.5
49	182.7	114.6	238.0

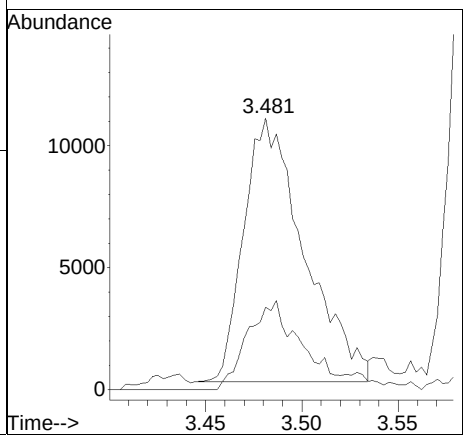


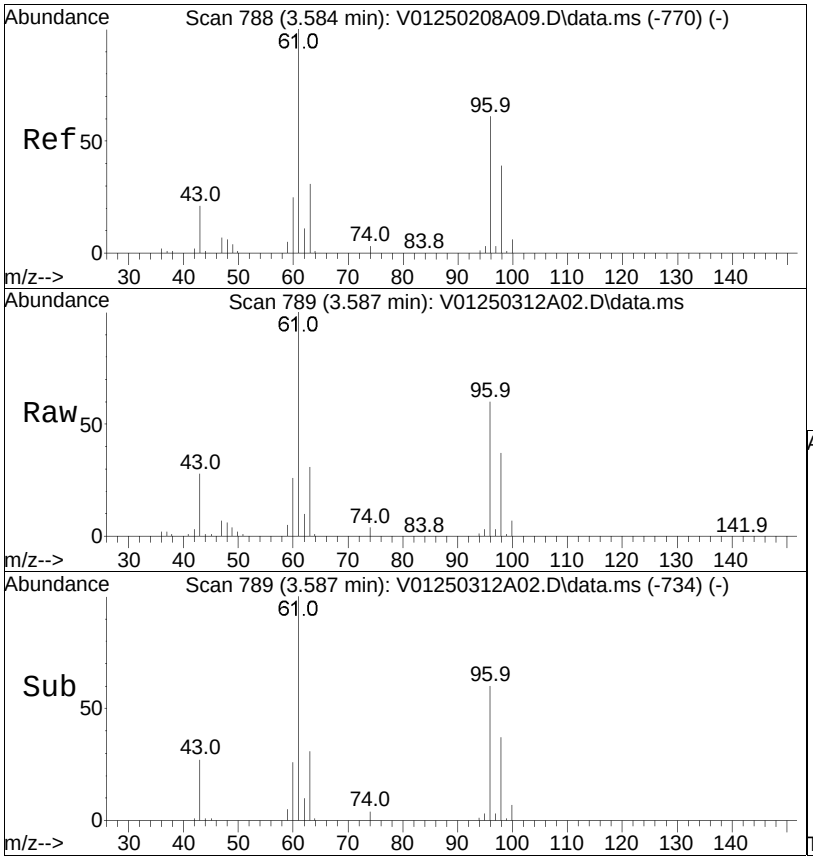


#17
Acetone
Concen: 7.76 ug/L
RT: 3.481 min Scan# 751
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 43 Resp: 23568

Ion	Ratio	Lower	Upper
43	100		
58	29.3	22.6	33.8

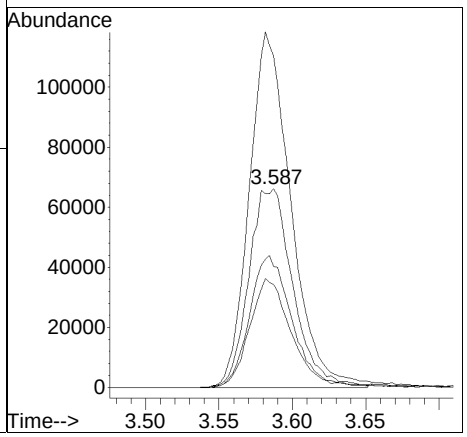


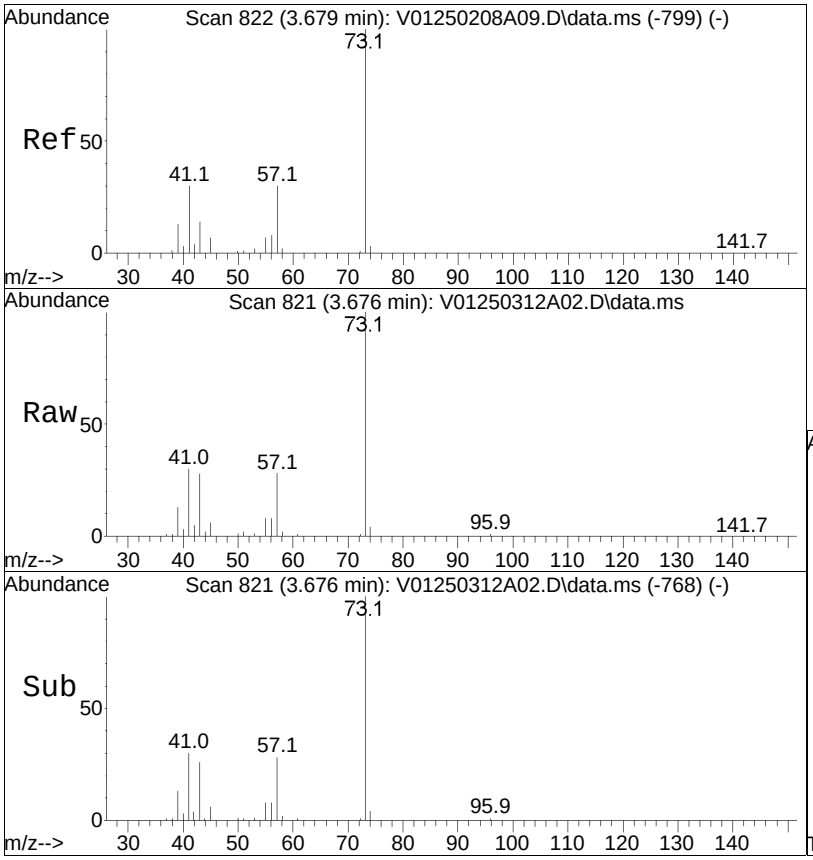


#18
trans-1,2-Dichloroethene
Concen: 9.76 ug/L
RT: 3.587 min Scan# 789
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 96 Resp: 138185

Ion	Ratio	Lower	Upper
96	100		
61	170.5	109.8	228.0
98	64.1	41.5	86.1
63	51.8	33.9	70.3

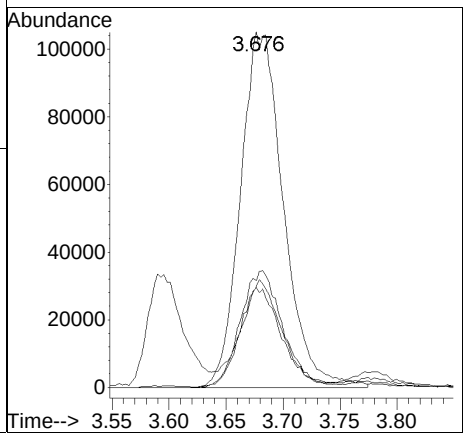


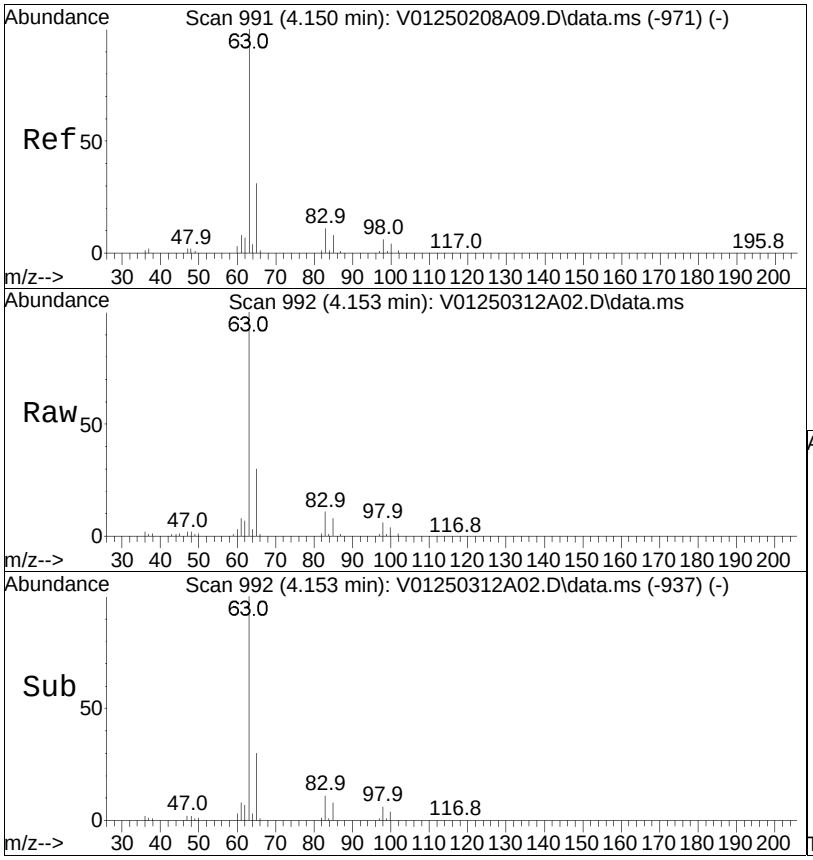


#20
Methyl tert-butyl ether
Concen: 9.28 ug/L
RT: 3.676 min Scan# 821
Delta R.T. -0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 73 Resp: 275137

Ion	Ratio	Lower	Upper
73	100		
57	28.9	18.7	38.7
43	26.6	16.1	33.3
41	32.0	21.0	43.6

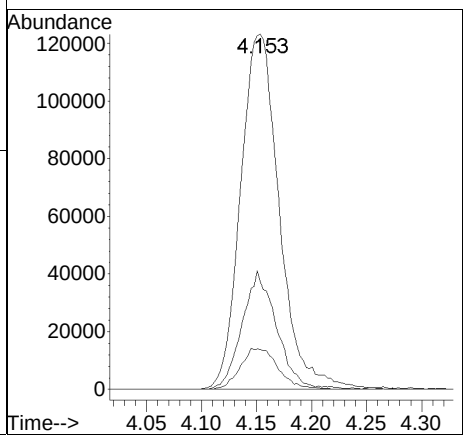


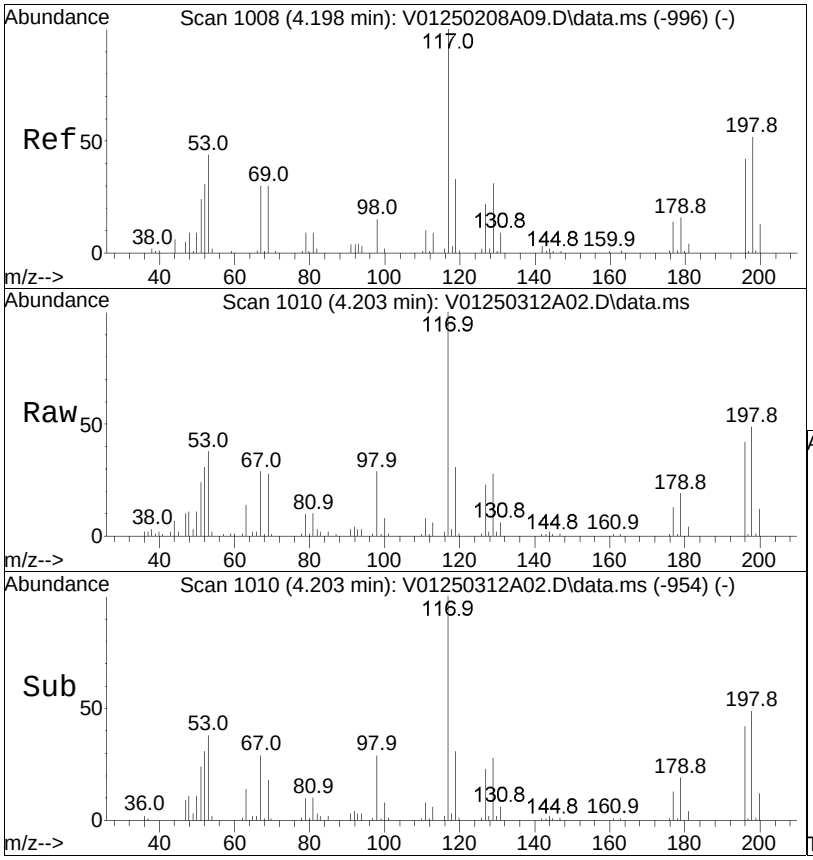


#23
1,1-Dichloroethane
Concen: 9.90 ug/L
RT: 4.153 min Scan# 992
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 63 Resp: 301593

Ion	Ratio	Lower	Upper
63	100		
65	29.7	10.3	50.3
83	11.3	0.0	31.1

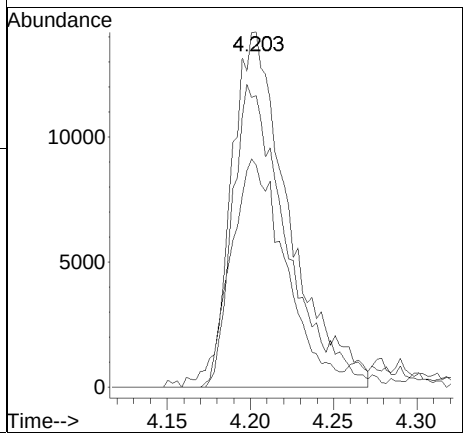


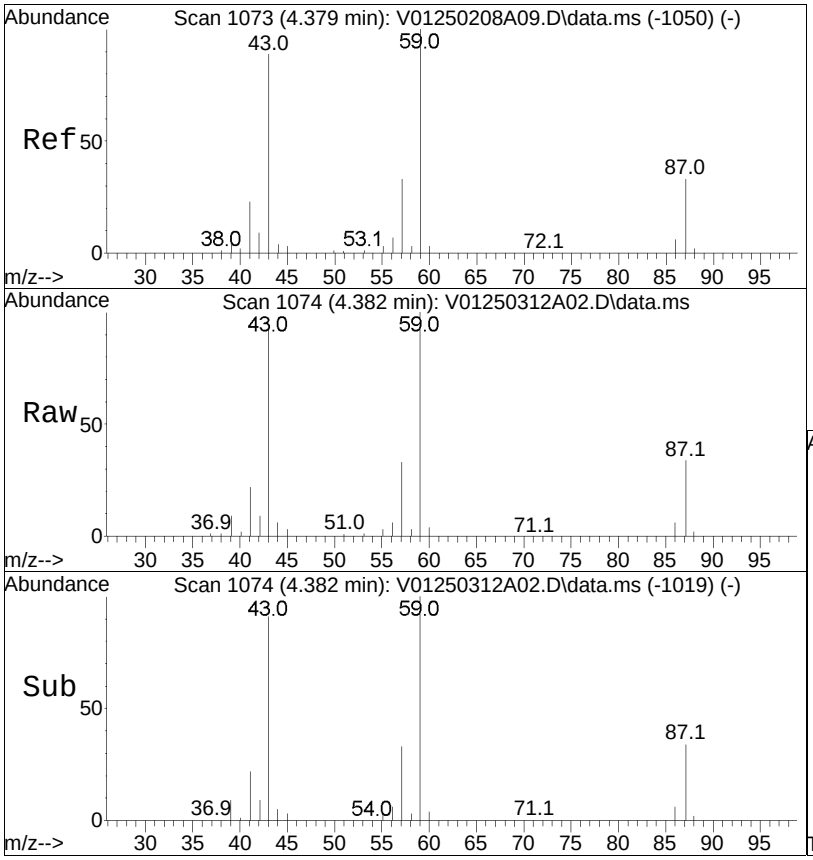


#25
Acrylonitrile
Concen: 9.63 ug/L
RT: 4.203 min Scan# 1010
Delta R.T. 0.005 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 53 Resp: 33788

Ion	Ratio	Lower	Upper
53	100		
52	81.2	67.5	101.3
51	62.7	51.1	76.7

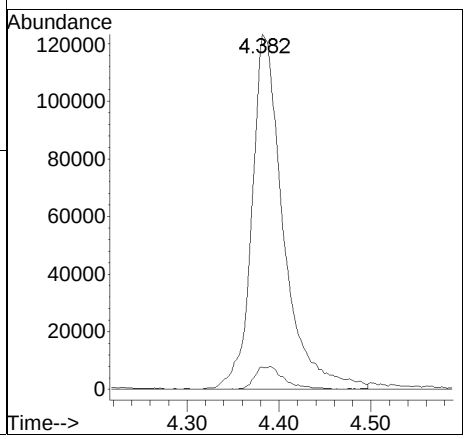


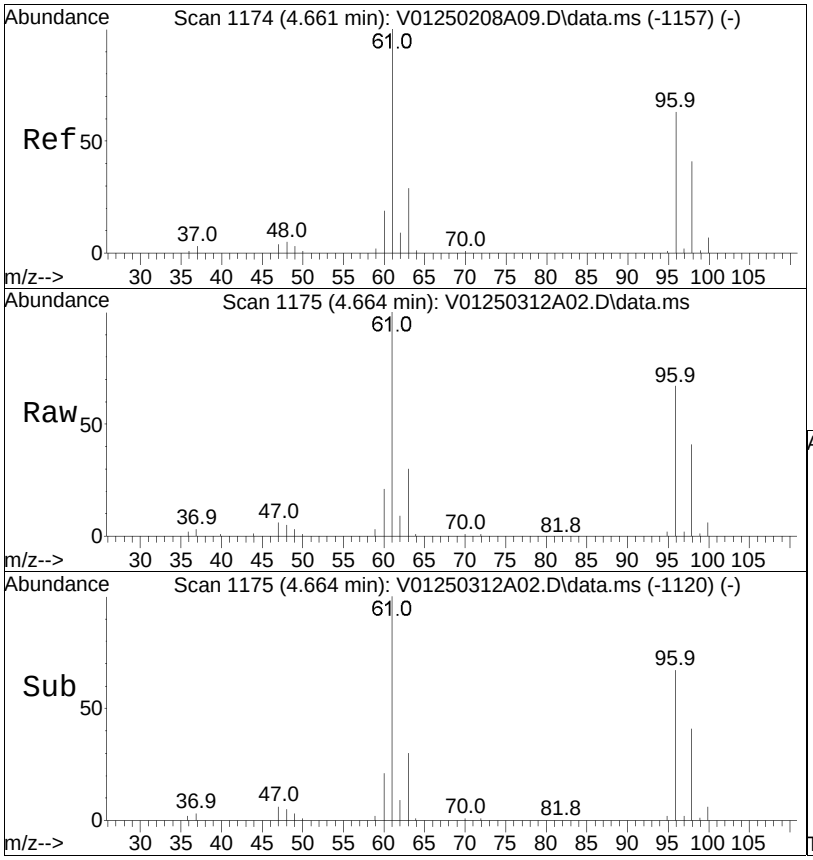


#27
Vinyl acetate
Concen: 9.79 ug/L
RT: 4.382 min Scan# 1074
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 43 Resp: 294221

Ion	Ratio	Lower	Upper
43	100		
86	2.8	5.0	7.6#

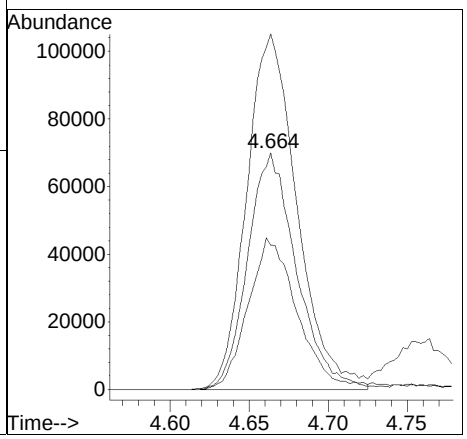


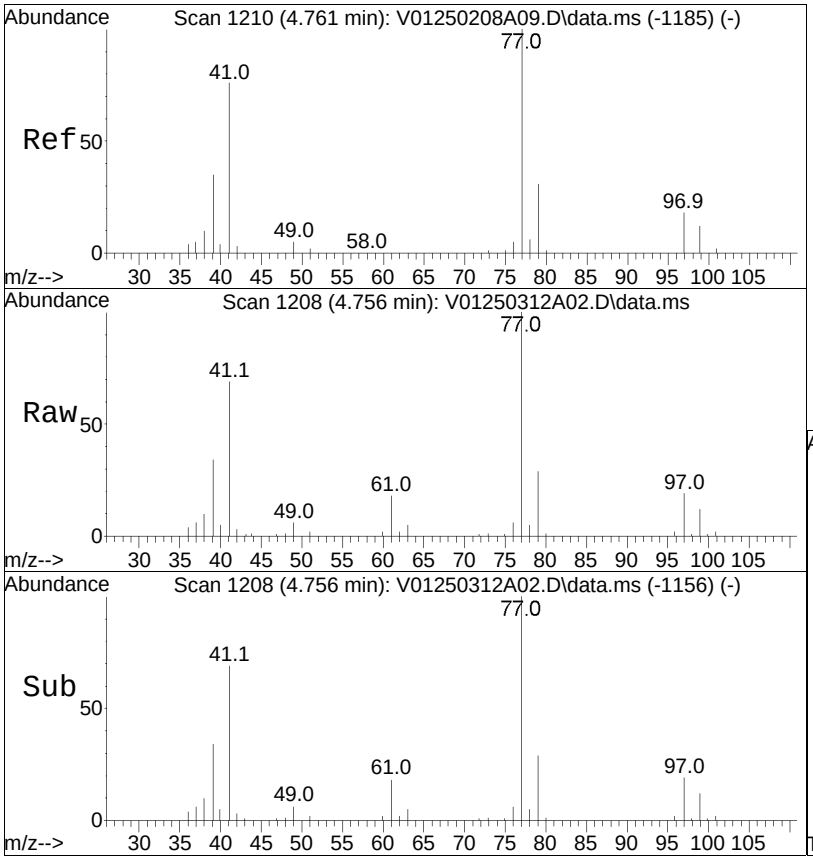


#28
cis-1,2-Dichloroethene
Concen: 9.70 ug/L
RT: 4.664 min Scan# 1175
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 96 Resp: 150461

Ion	Ratio	Lower	Upper
96	100		
61	155.2	123.3	184.9
98	64.8	51.0	76.6

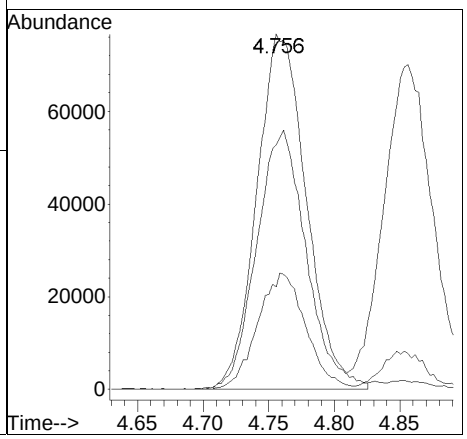


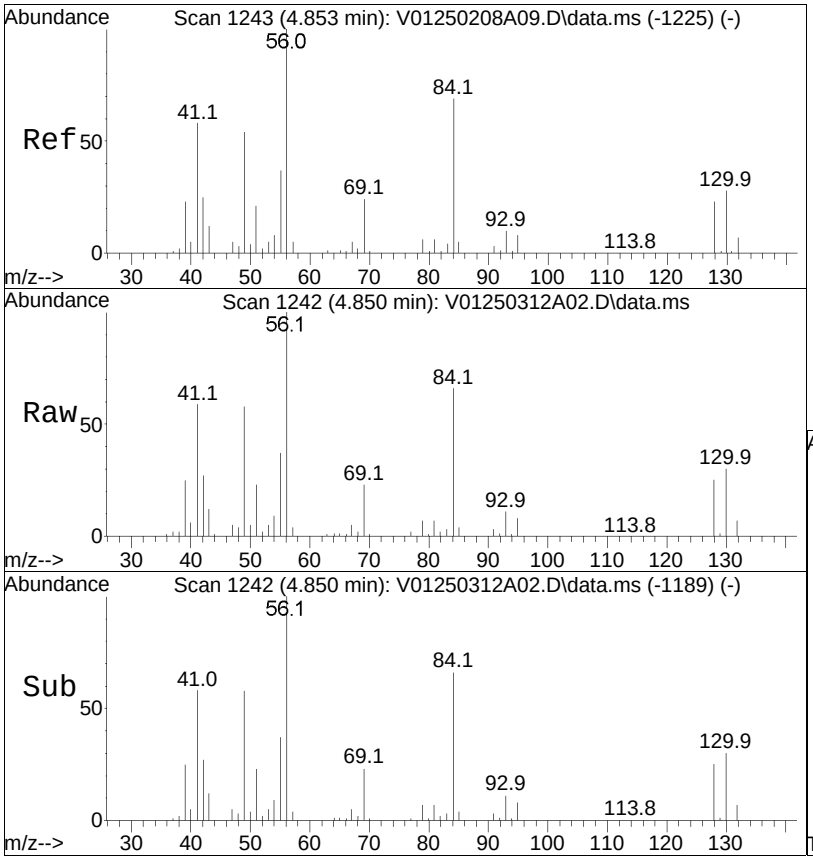


#29
2,2-Dichloropropane
Concen: 10.79 ug/L
RT: 4.756 min Scan# 1208
Delta R.T. -0.005 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 77 Resp: 201768

Ion	Ratio	Lower	Upper
77	100		
41	72.0	49.4	102.6
79	31.8	20.7	42.9

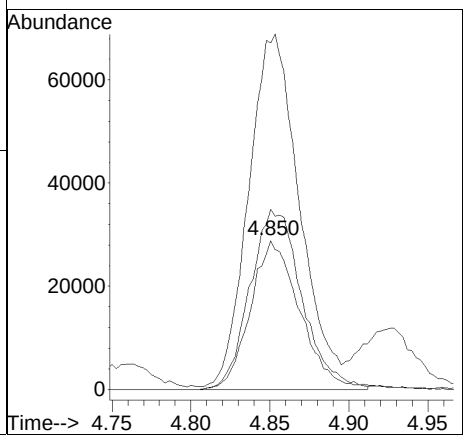


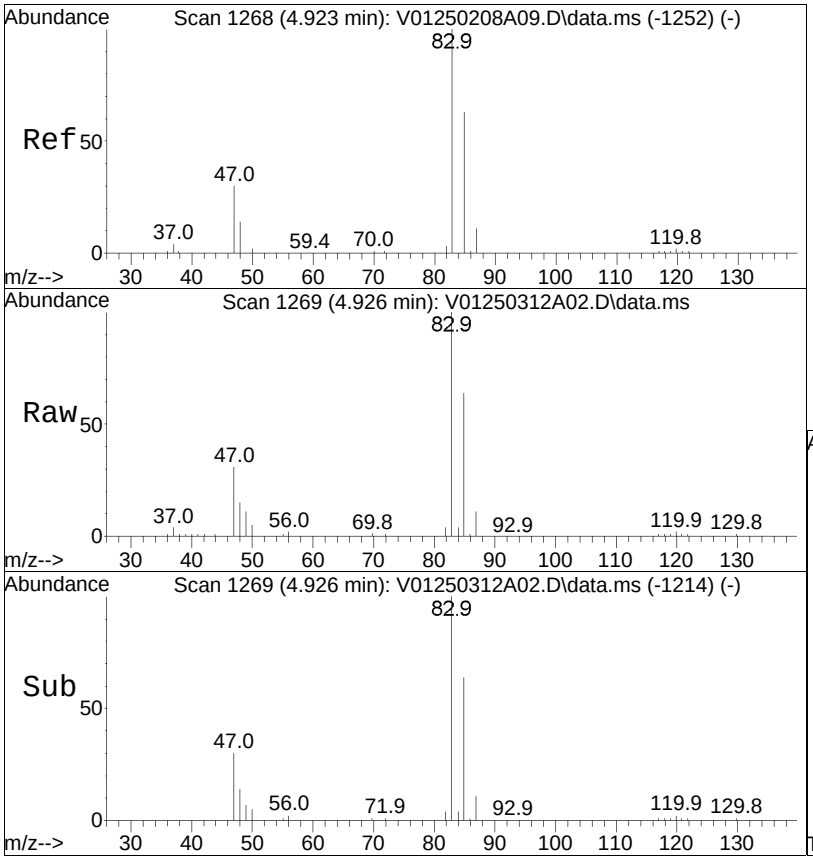


#30
Bromochloromethane
Concen: 10.24 ug/L
RT: 4.850 min Scan# 1242
Delta R.T. -0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:128 Resp: 62624

Ion	Ratio	Lower	Upper
128	100		
49	242.2	194.0	291.0
130	128.6	104.6	157.0

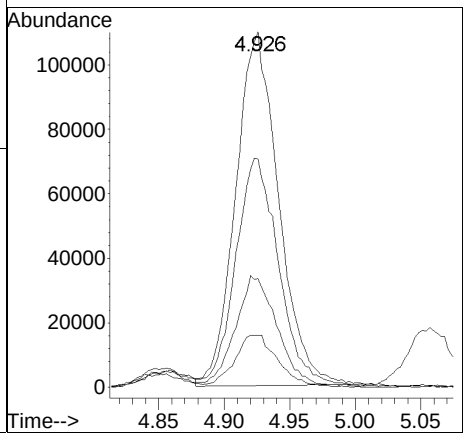


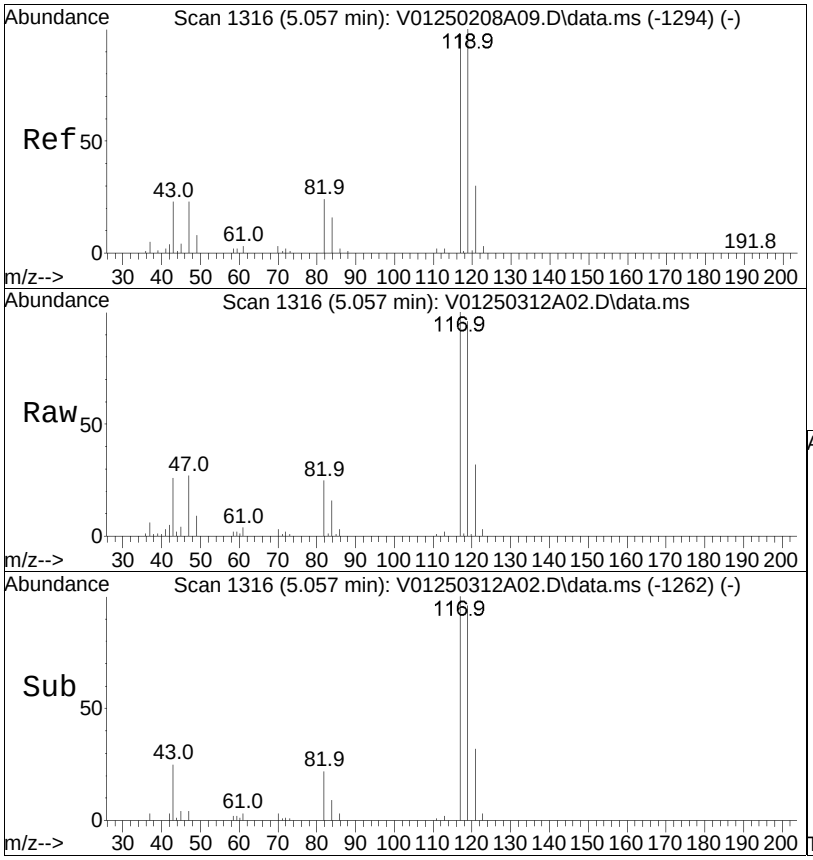


#32
Chloroform
Concen: 9.93 ug/L
RT: 4.926 min Scan# 1269
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 83 Resp: 250034

Ion	Ratio	Lower	Upper
83	100		
85	65.2	41.9	87.1
47	30.3	19.2	39.8
48	14.5	9.3	19.3

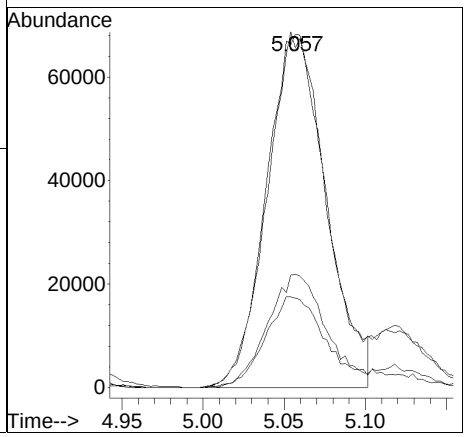


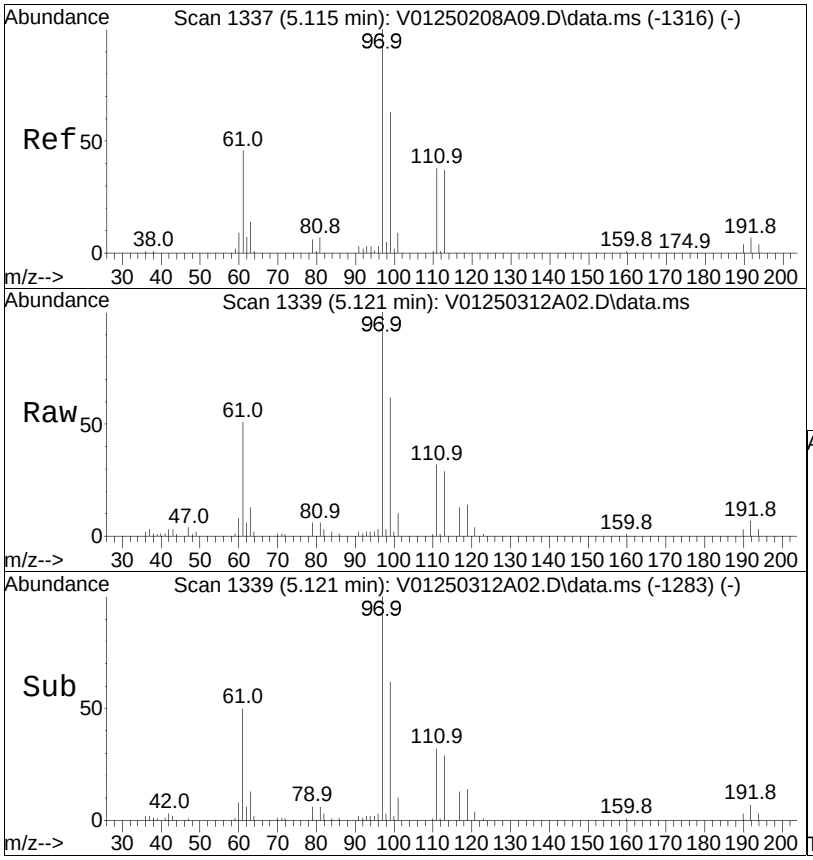


#34
Carbon tetrachloride
Concen: 9.60 ug/L
RT: 5.057 min Scan# 1316
Delta R.T. -0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:117 Resp: 176364

Ion	Ratio	Lower	Upper
117	100		
119	96.9	65.5	135.9
121	31.3	21.1	43.7
82	25.9	17.2	35.6

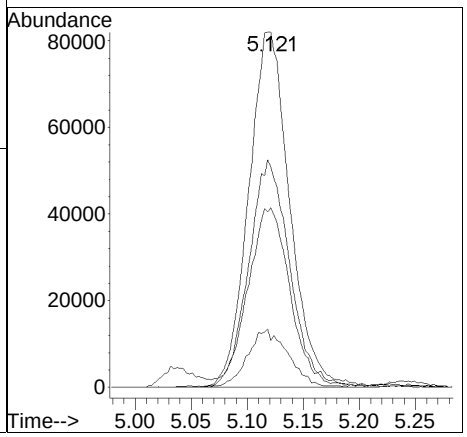


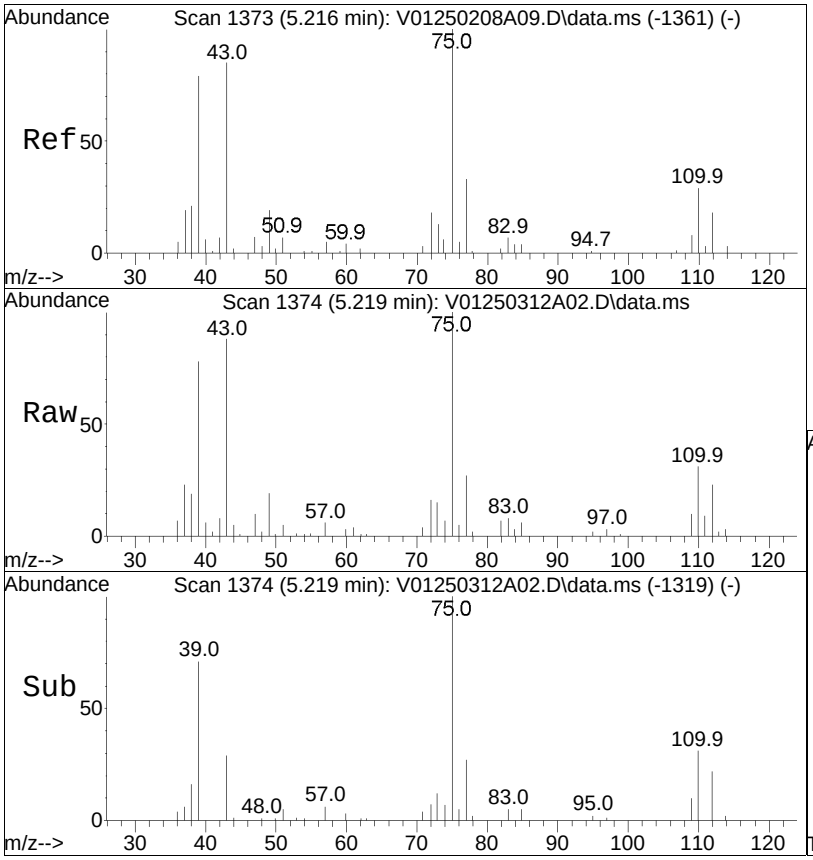


#37
1,1,1-Trichloroethane
Concen: 9.73 ug/L
RT: 5.121 min Scan# 1339
Delta R.T. 0.006 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 97 Resp: 210207

Ion	Ratio	Lower	Upper
97	100		
99	63.6	41.7	86.5
61	49.4	33.0	68.6
63	16.0	4.1	8.5#

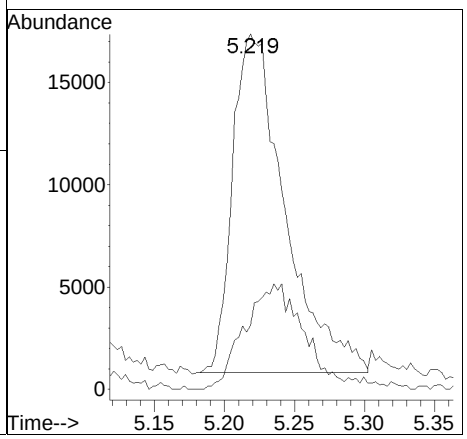


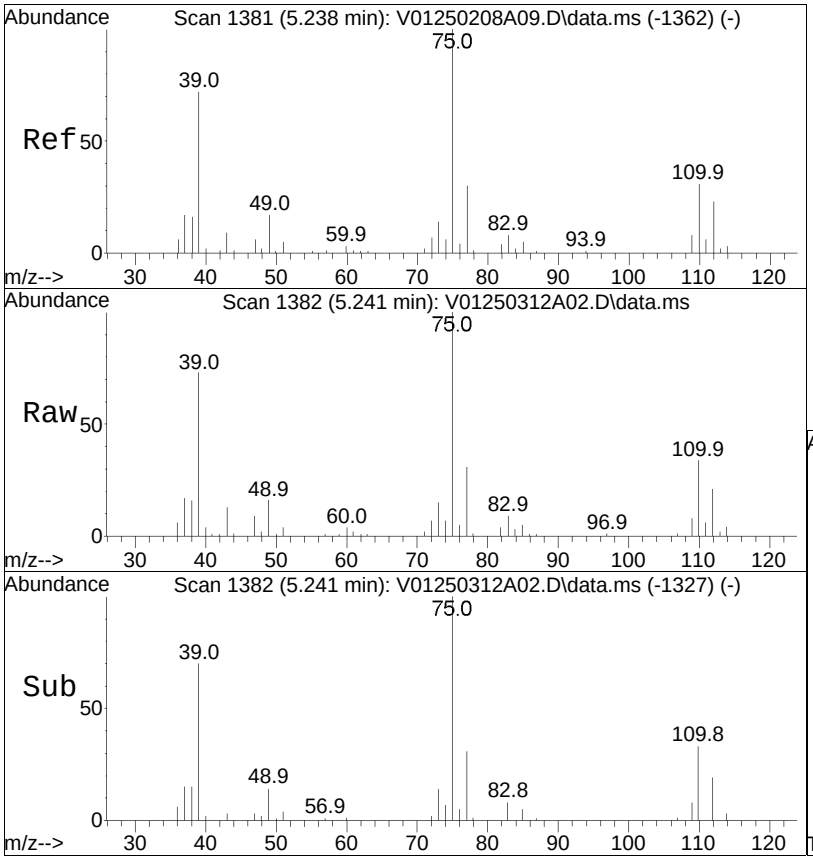


#39
2-Butanone
Concen: 10.31 ug/L
RT: 5.219 min Scan# 1374
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 43 Resp: 43169

Ion	Ratio	Lower	Upper
43	100		
72	34.5	16.5	24.7#

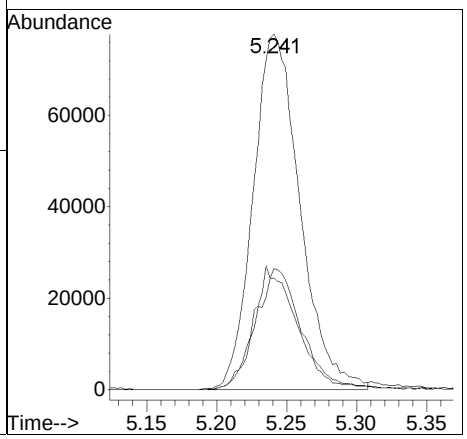


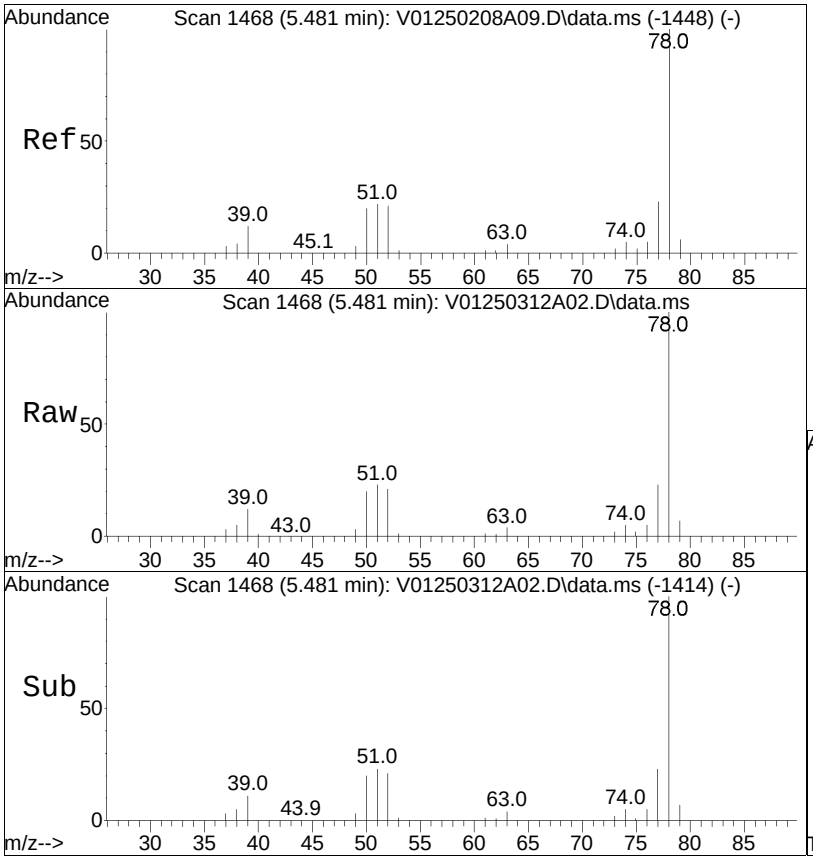


#40
1,1-Dichloropropene
Concen: 9.59 ug/L
RT: 5.241 min Scan# 1382
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 75 Resp: 180828

Ion	Ratio	Lower	Upper
75	100		
110	35.1	21.4	44.4
77	30.8	19.8	41.2

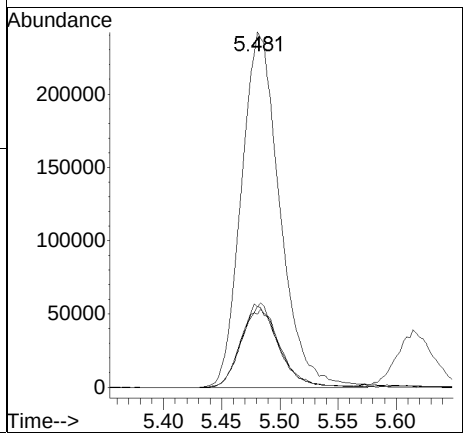


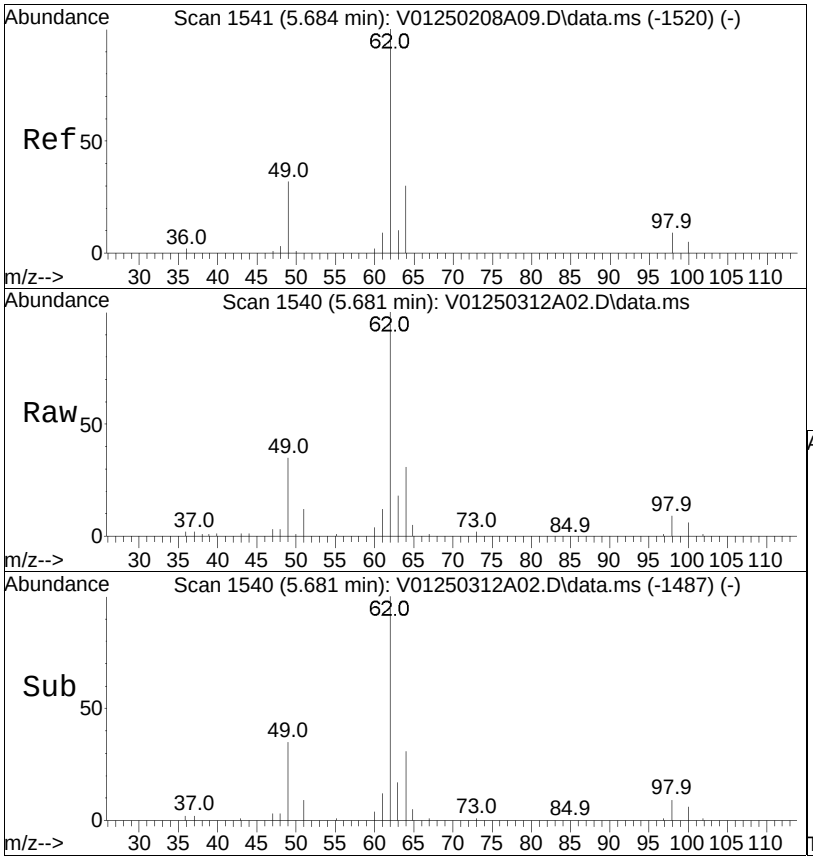


#41
Benzene
Concen: 10.11 ug/L
RT: 5.481 min Scan# 1468
Delta R.T. -0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 78 Resp: 557684

Ion	Ratio	Lower	Upper
78	100		
77	23.6	15.0	31.2
51	22.4	14.6	30.2
52	22.1	14.4	30.0

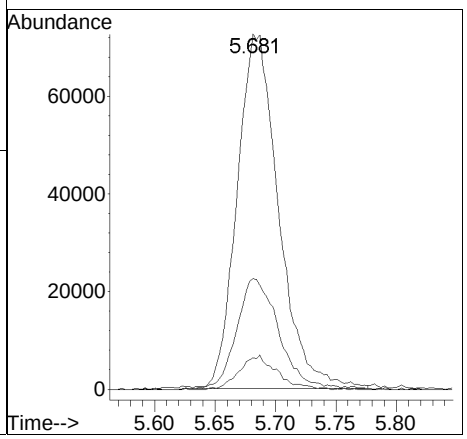


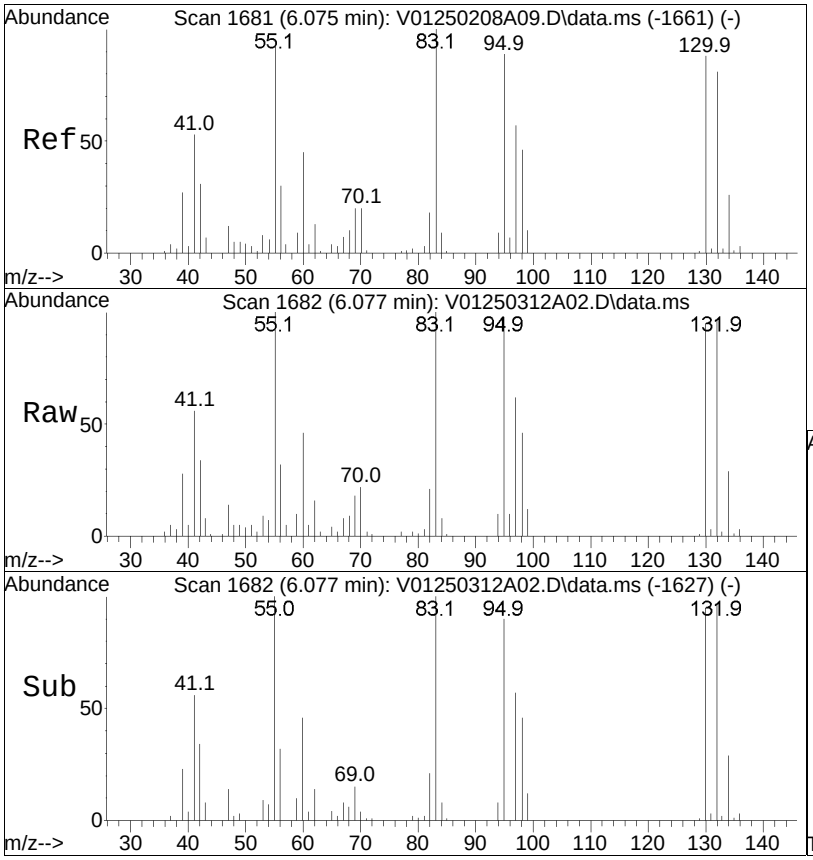


#44
1,2-Dichloroethane
Concen: 9.55 ug/L
RT: 5.681 min Scan# 1540
Delta R.T. -0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 62 Resp: 173650

Ion	Ratio	Lower	Upper
62	100		
64	30.6	12.0	52.0
98	8.7	0.0	28.5

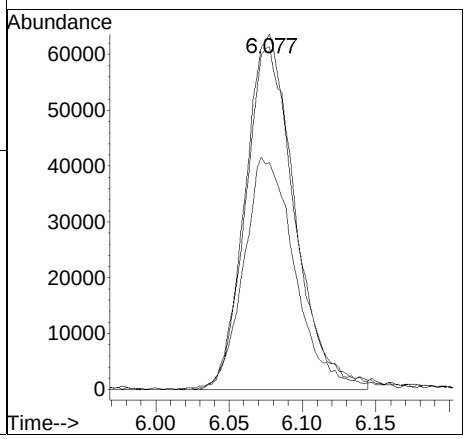


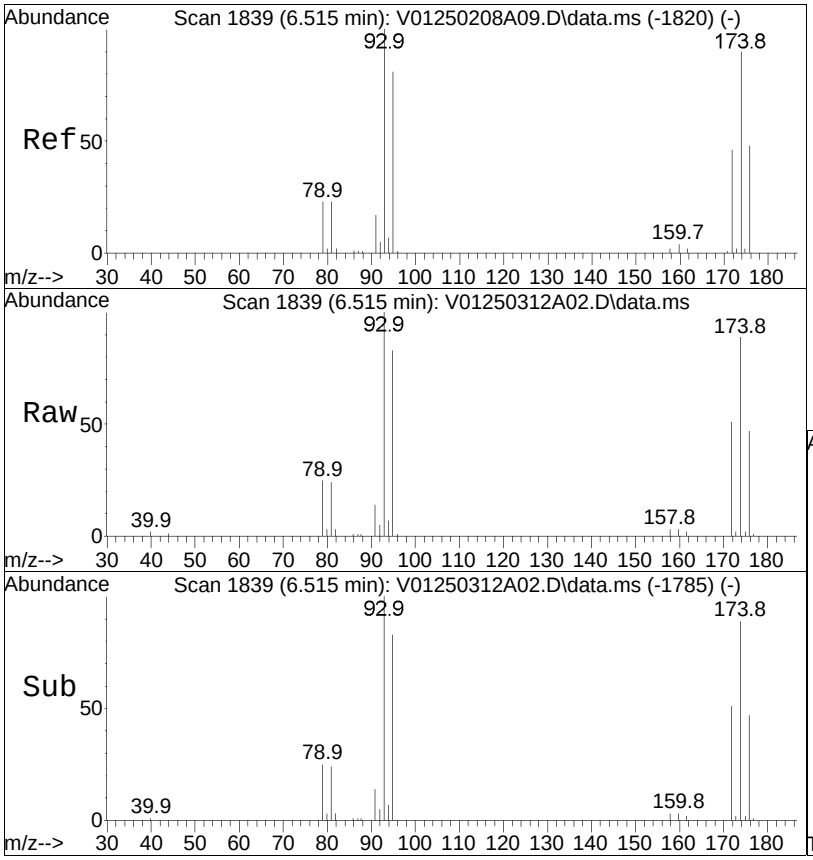


#48
Trichloroethene
Concen: 9.76 ug/L
RT: 6.077 min Scan# 1682
Delta R.T. 0.002 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 95 Resp: 148708

Ion	Ratio	Lower	Upper
95	100		
97	67.7	52.6	78.8
130	97.7	78.4	117.6

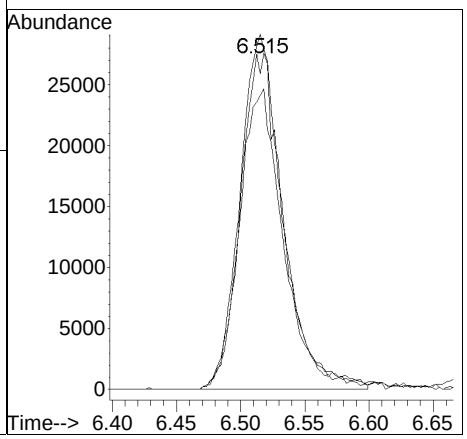


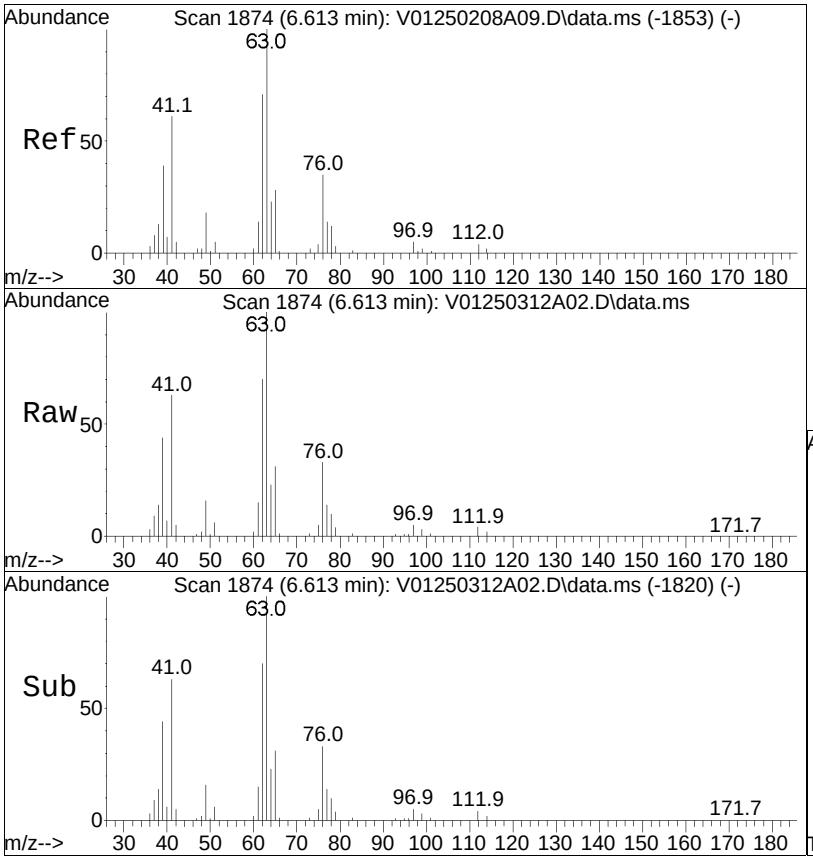


#50
Dibromomethane
Concen: 9.71 ug/L
RT: 6.515 min Scan# 1839
Delta R.T. 0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 93 Resp: 68128

Ion	Ratio	Lower	Upper
93	100		
95	84.7	67.5	101.3
174	94.8	75.2	112.8

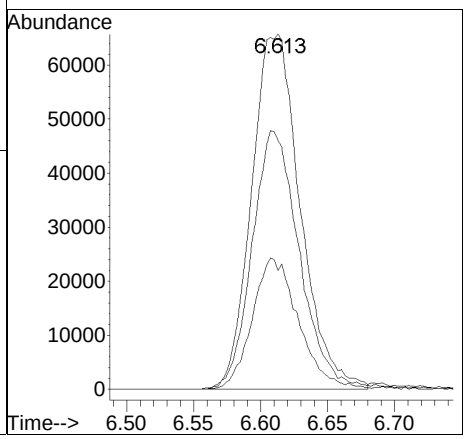


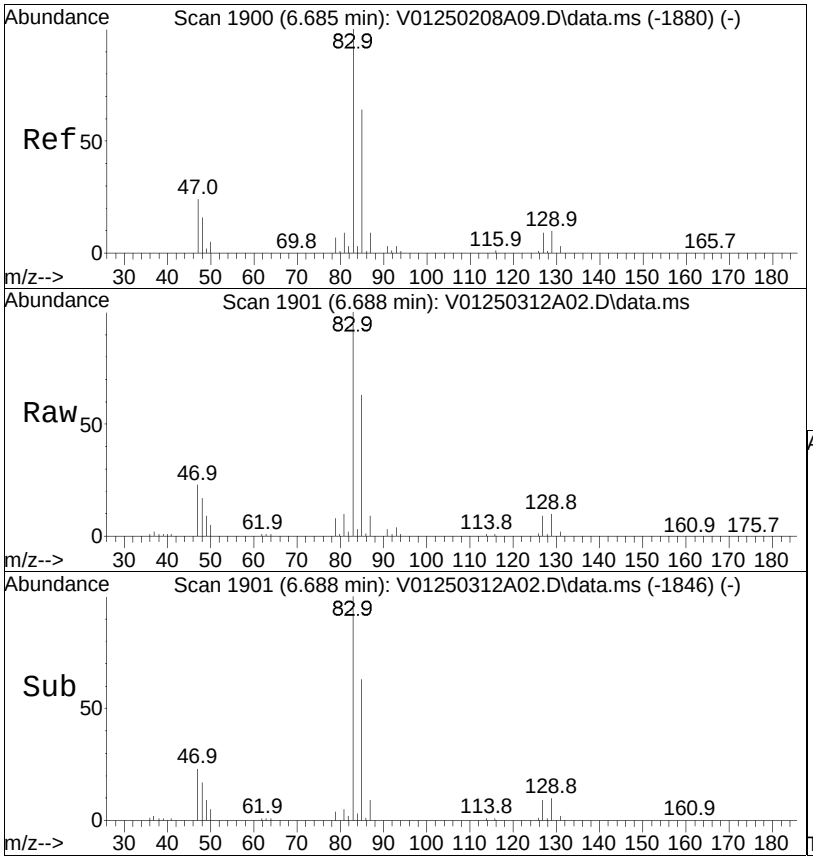


#51
1,2-Dichloropropane
Concen: 9.88 ug/L
RT: 6.613 min Scan# 1874
Delta R.T. -0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 63 Resp: 166375

Ion	Ratio	Lower	Upper
63	100		
62	70.5	57.2	85.8
76	35.3	29.8	44.8

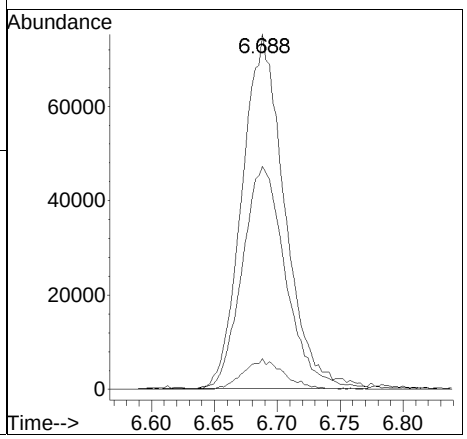


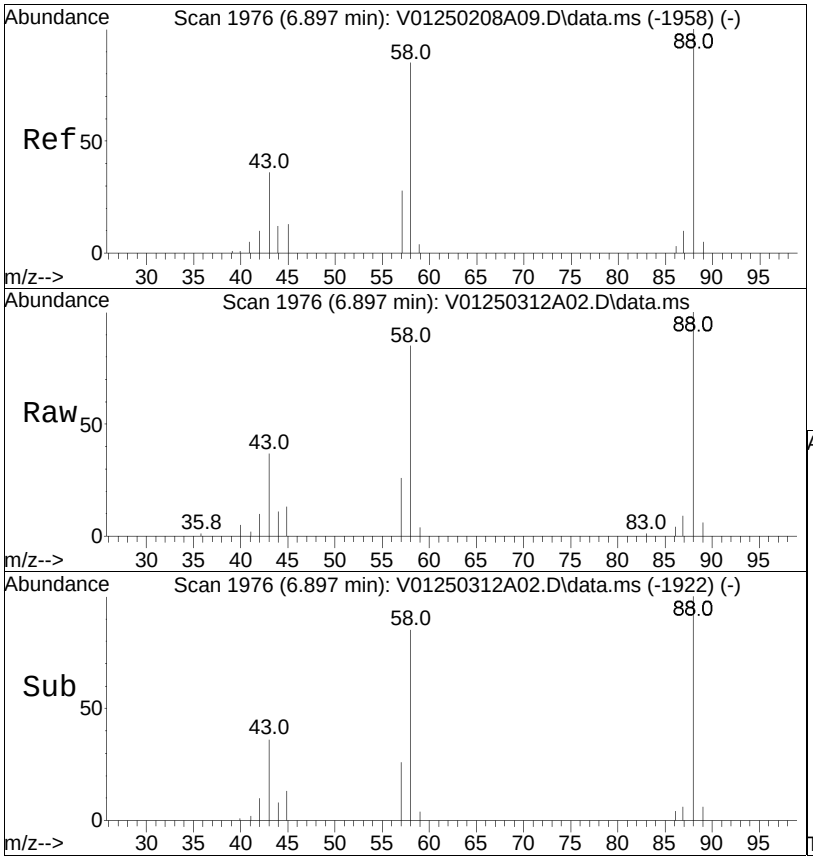


#54
Bromodichloromethane
Concen: 9.50 ug/L
RT: 6.688 min Scan# 1901
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 83 Resp: 177592

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.0	76.4
127	8.2	6.6	9.8

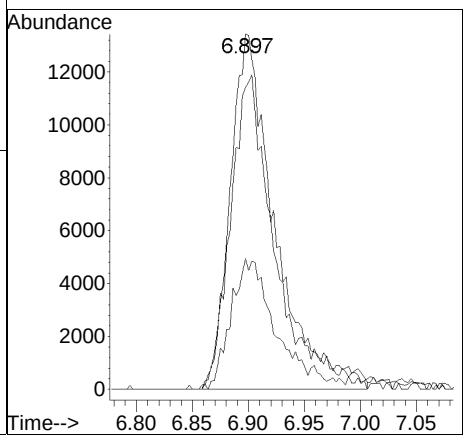


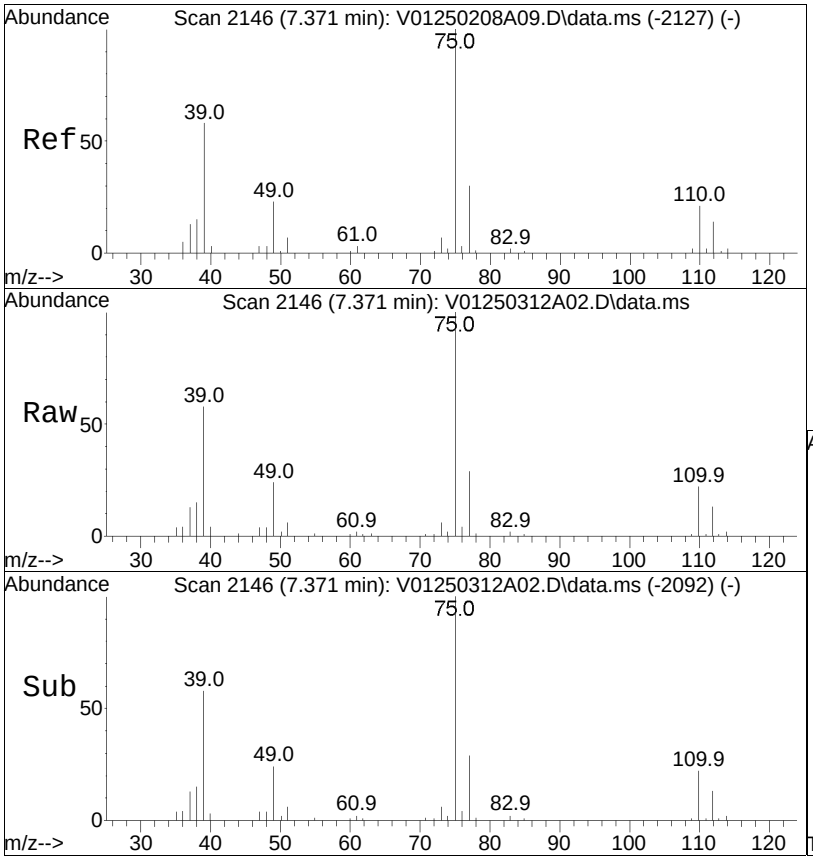


#57
1,4-Dioxane
Concen: 501.55 ug/L M1
RT: 6.897 min Scan# 1976
Delta R.T. 0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 88 Resp: 37565

Ion	Ratio	Lower	Upper
88	100		
58	84.8	61.8	92.6
43	35.0	25.0	37.4

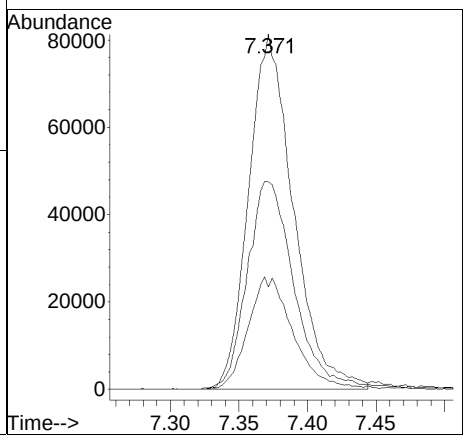


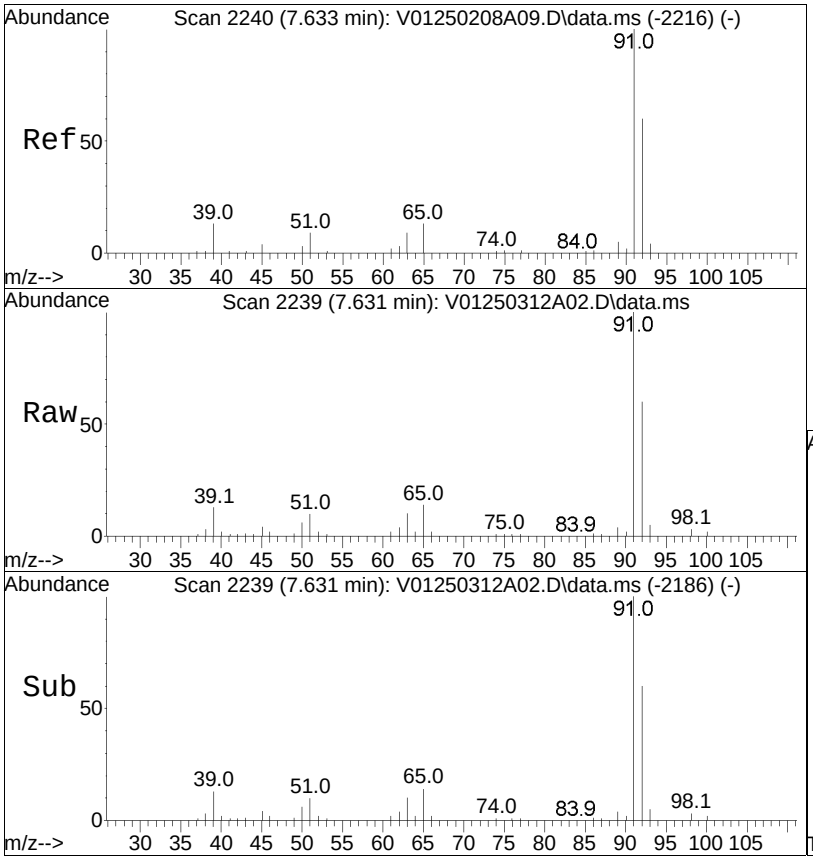


#58
cis-1,3-Dichloropropene
Concen: 8.93 ug/L
RT: 7.371 min Scan# 2146
Delta R.T. 0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 75 Resp: 184788

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.0
39	61.1	47.9	71.9

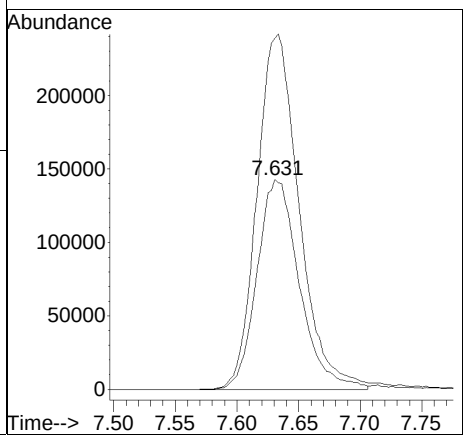


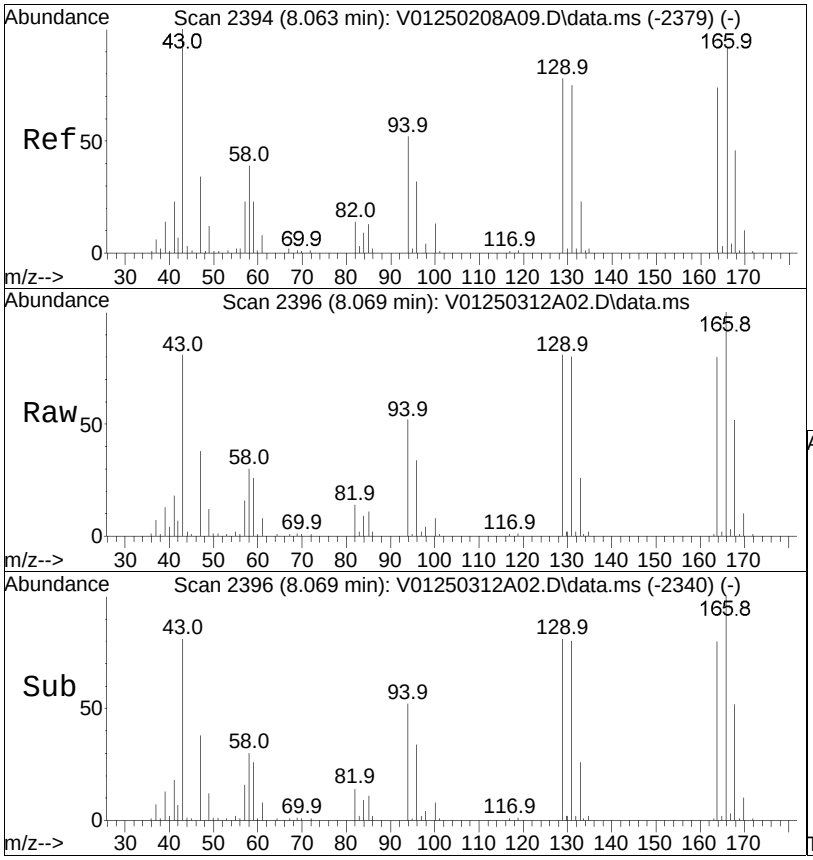


#61
Toluene
Concen: 10.25 ug/L
RT: 7.631 min Scan# 2239
Delta R.T. -0.002 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 92 Resp: 341704

Ion	Ratio	Lower	Upper
92	100		
91	169.8	136.0	204.0

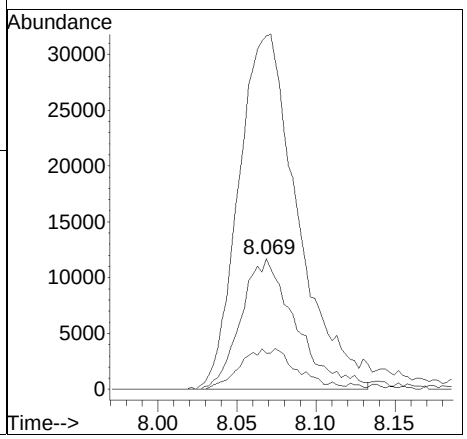


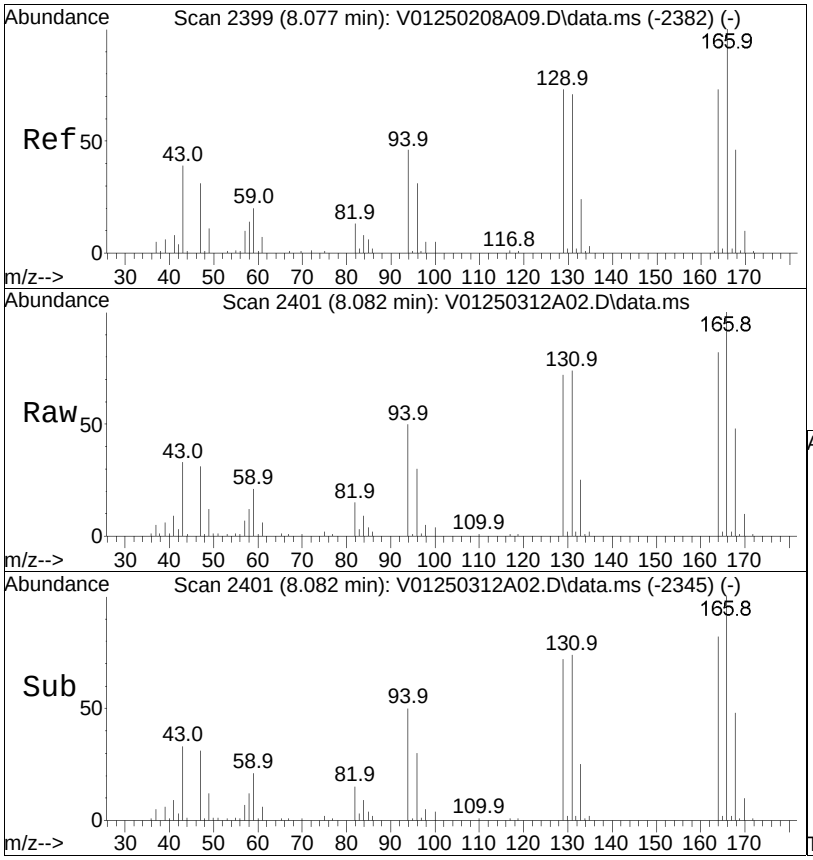


#62
4-Methyl-2-pentanone
Concen: 8.82 ug/L
RT: 8.069 min Scan# 2396
Delta R.T. 0.005 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 58 Resp: 28454

Ion	Ratio	Lower	Upper
58	100		
100	15.7	24.6	36.8#
43	289.1	231.0	346.6

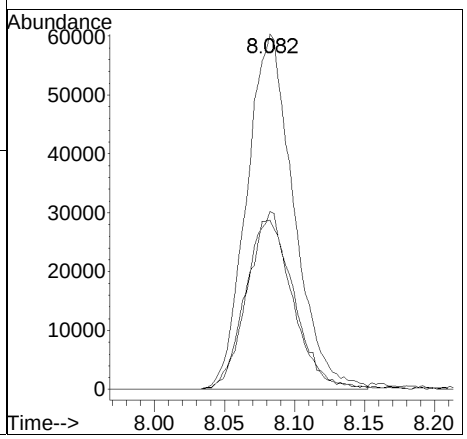


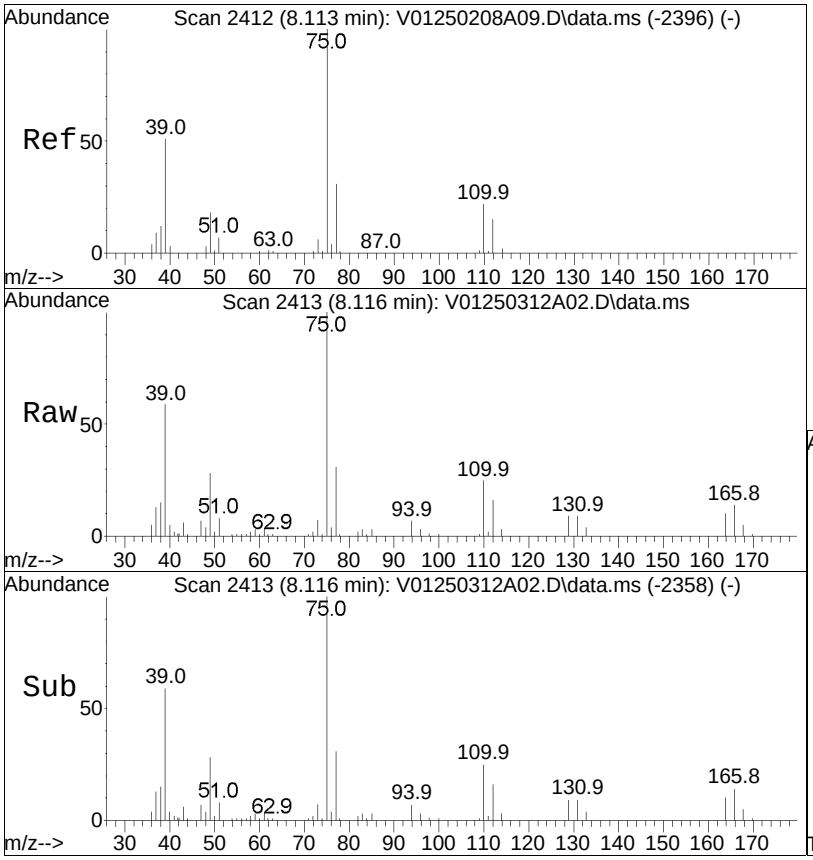


#63
Tetrachloroethene
Concen: 10.55 ug/L
RT: 8.082 min Scan# 2401
Delta R.T. 0.005 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:166 Resp: 140959

Ion	Ratio	Lower	Upper
166	100		
168	48.6	28.4	68.4
94	49.2	29.3	69.3

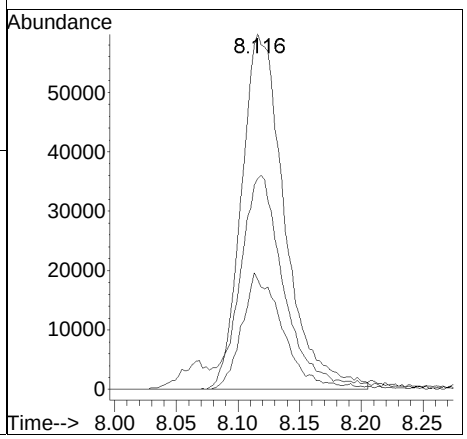


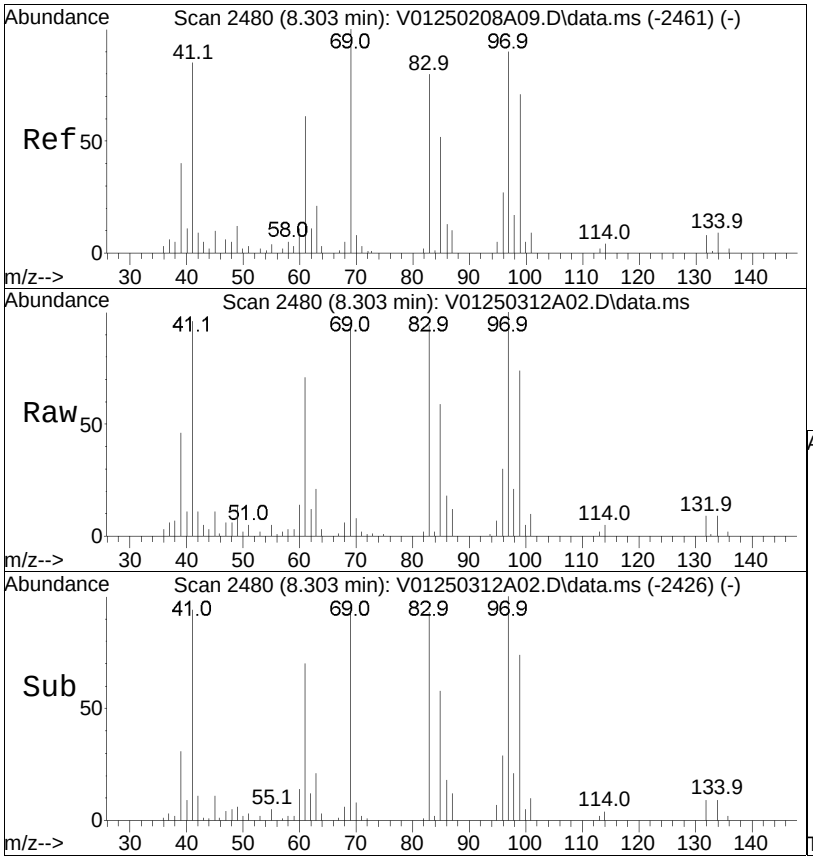


#65
trans-1,3-Dichloropropene
Concen: 9.41 ug/L
RT: 8.116 min Scan# 2413
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 75 Resp: 146193

Ion	Ratio	Lower	Upper
75	100		
77	30.6	11.1	51.1
39	56.7	36.8	76.8

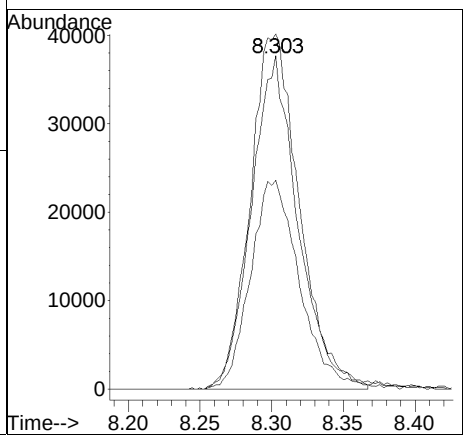


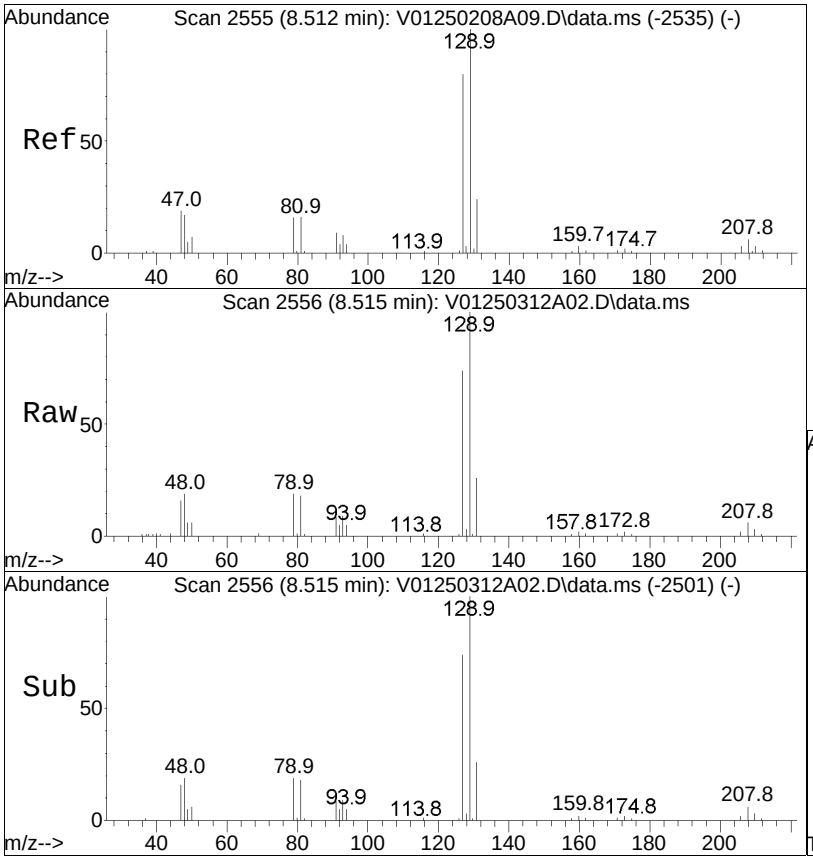


#68
1,1,2-Trichloroethane
Concen: 10.23 ug/L
RT: 8.303 min Scan# 2480
Delta R.T. -0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 83 Resp: 85436

Ion	Ratio	Lower	Upper
83	100		
97	113.0	95.7	135.7
85	66.2	45.8	85.8

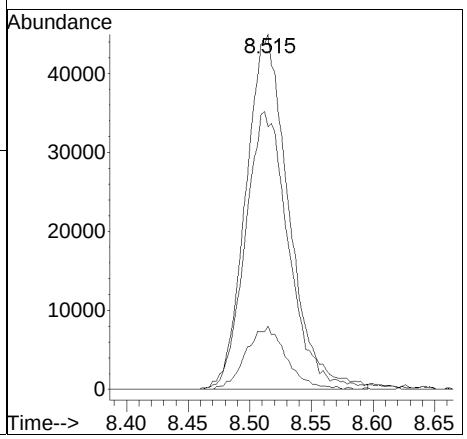


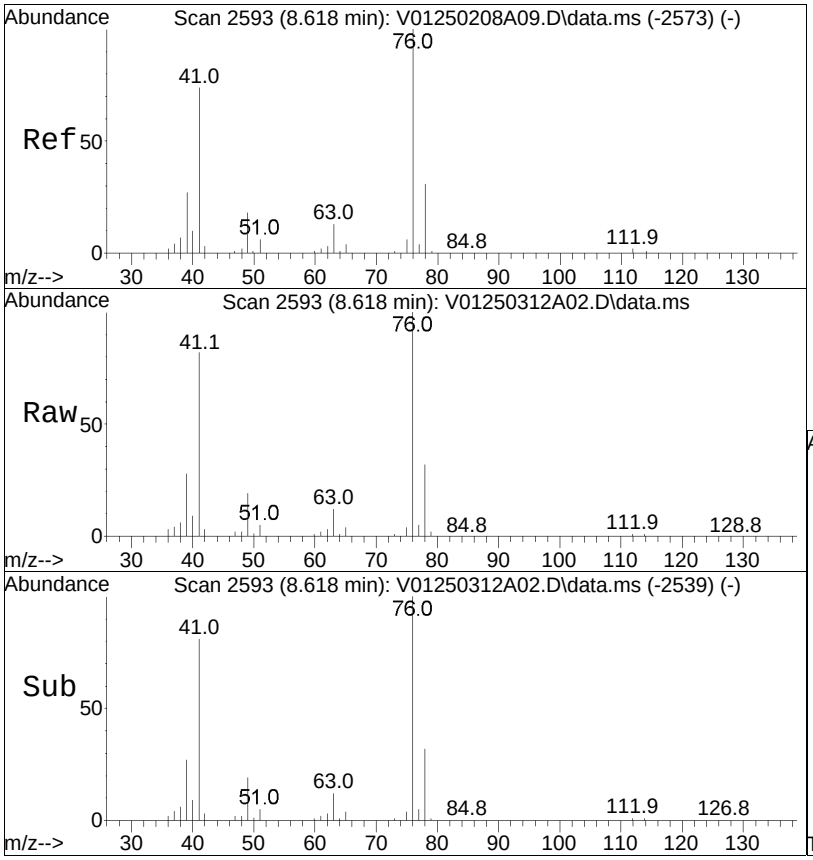


#69
Chlorodibromomethane
Concen: 9.44 ug/L
RT: 8.515 min Scan# 2556
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:129 Resp: 108880

Ion	Ratio	Lower	Upper
129	100		
81	16.7	0.0	35.9
127	79.3	58.8	98.8

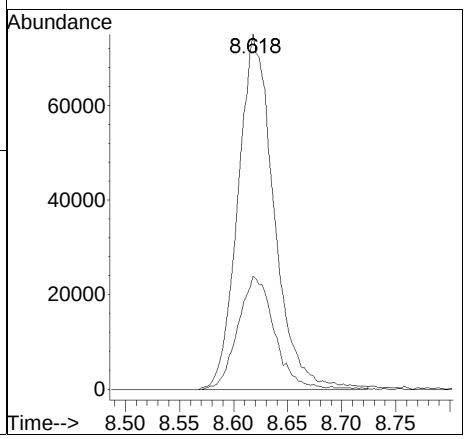


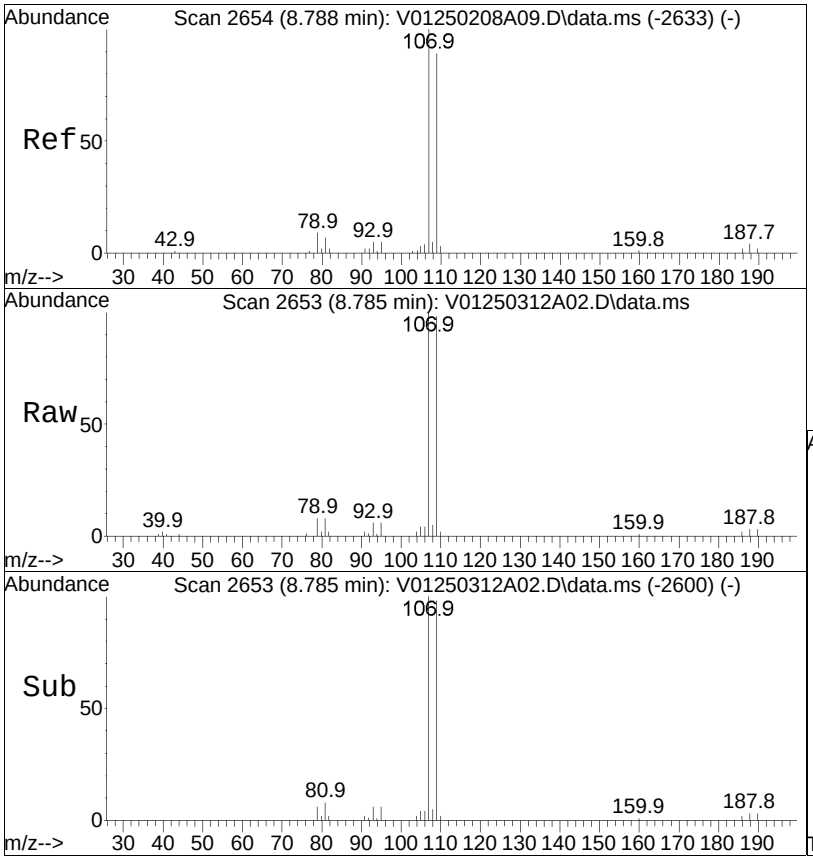


#70
1,3-Dichloropropane
Concen: 10.17 ug/L
RT: 8.618 min Scan# 2593
Delta R.T. -0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 76 Resp: 173965

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

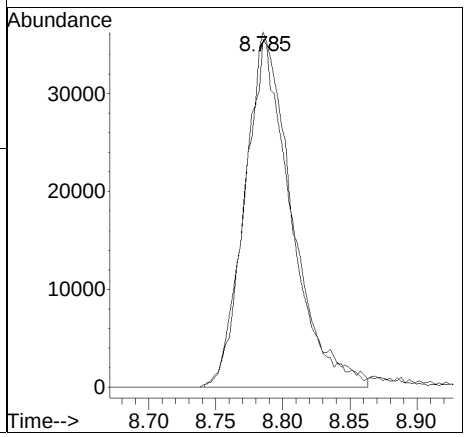


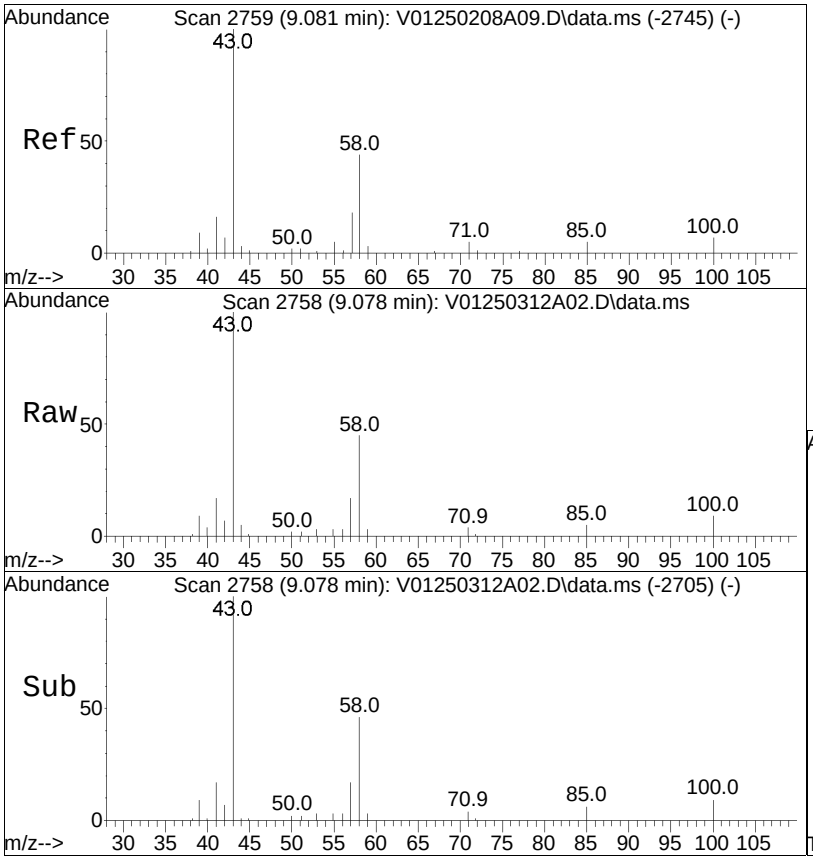


#71
1,2-Dibromoethane
Concen: 9.93 ug/L
RT: 8.785 min Scan# 2653
Delta R.T. -0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:107 Resp: 90002

Ion	Ratio	Lower	Upper
107	100		
109	93.7	74.7	112.1

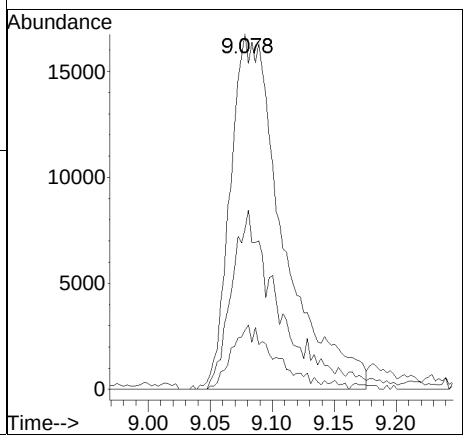


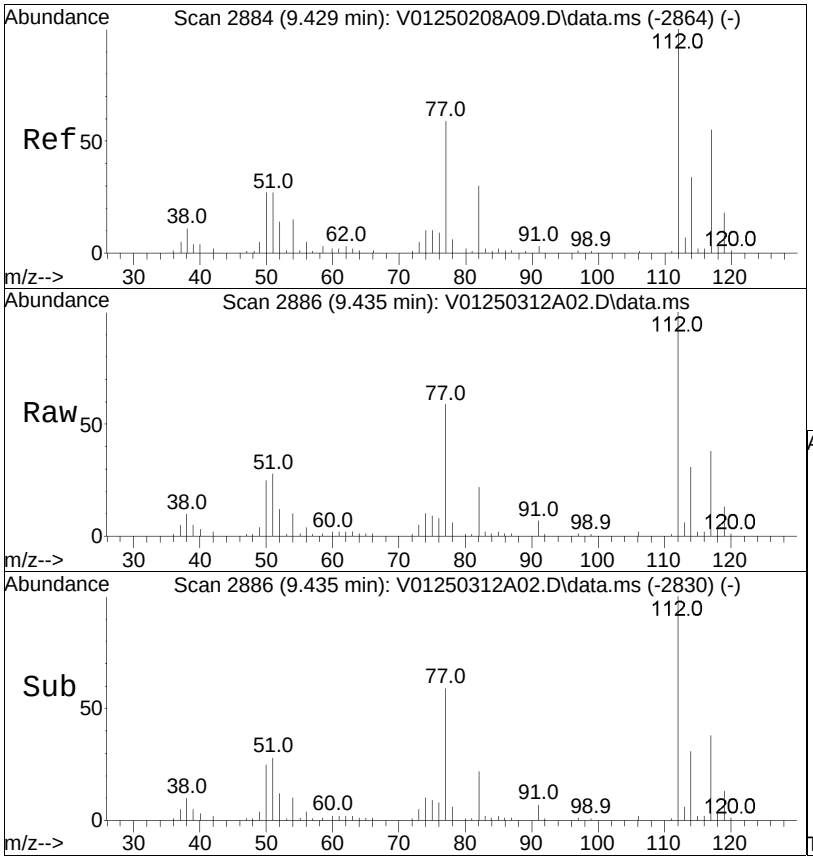


#72
2-Hexanone
Concen: 8.78 ug/L M1
RT: 9.078 min Scan# 2758
Delta R.T. -0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 43 Resp: 49396

Ion	Ratio	Lower	Upper
43	100		
58	39.8	35.9	53.9
57	15.0	13.5	20.3

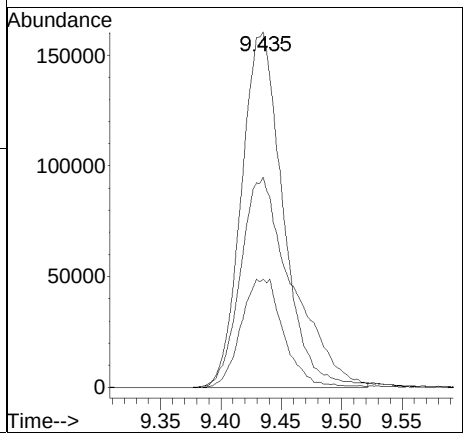


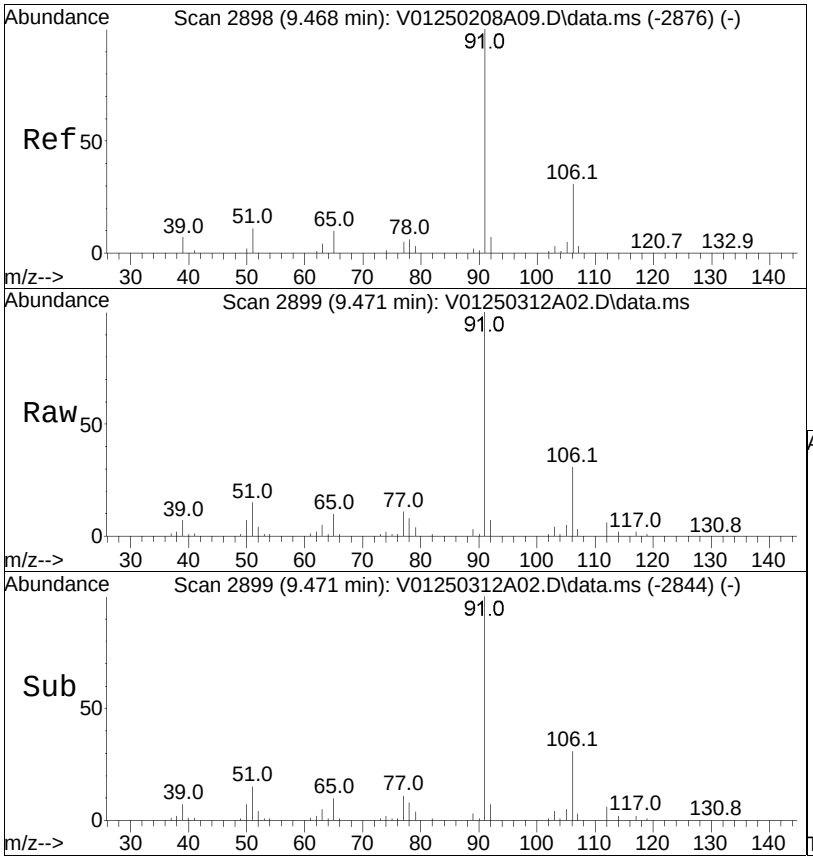


#73
Chlorobenzene
Concen: 10.32 ug/L
RT: 9.435 min Scan# 2886
Delta R.T. 0.006 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:112 Resp: 382063

Ion	Ratio	Lower	Upper
112	100		
77	75.0	60.9	91.3
114	31.4	25.7	38.5

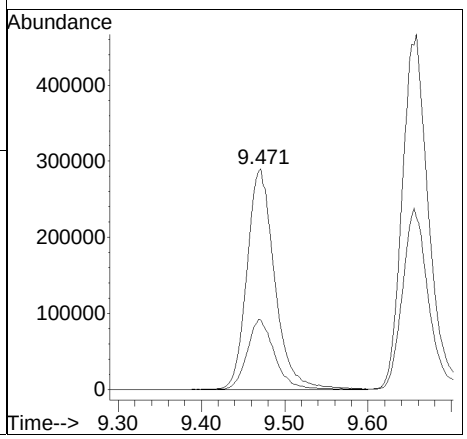


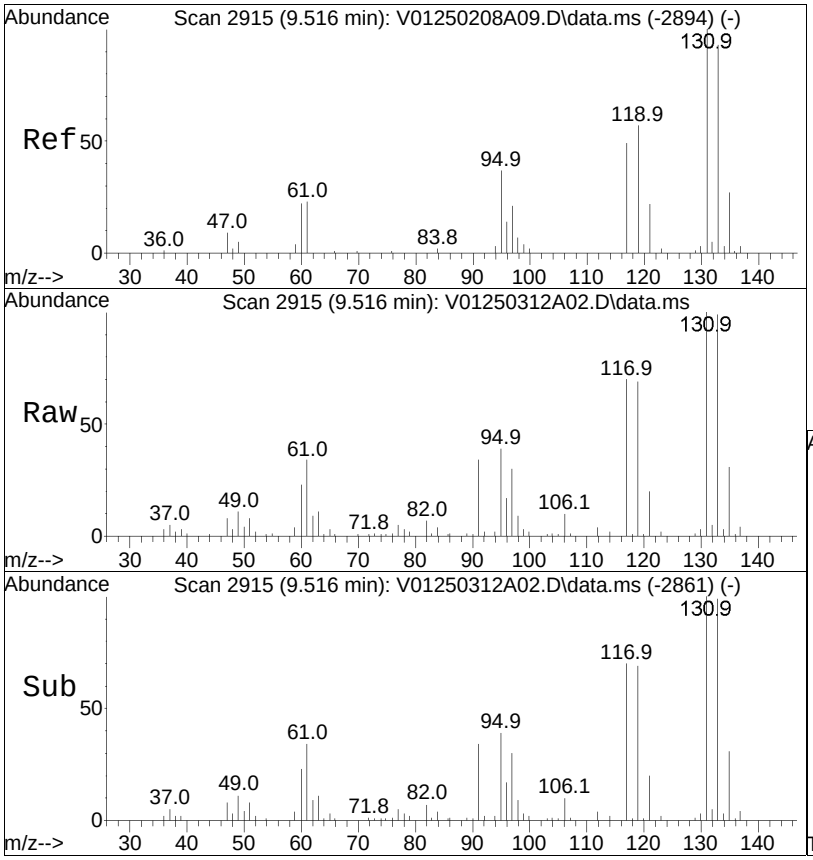


#74
Ethylbenzene
Concen: 10.43 ug/L
RT: 9.471 min Scan# 2899
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 91 Resp: 671586

Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.1	37.7

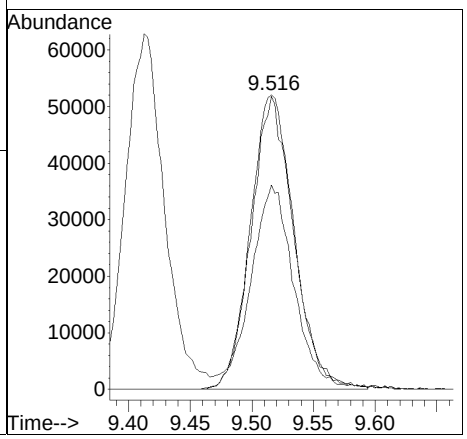


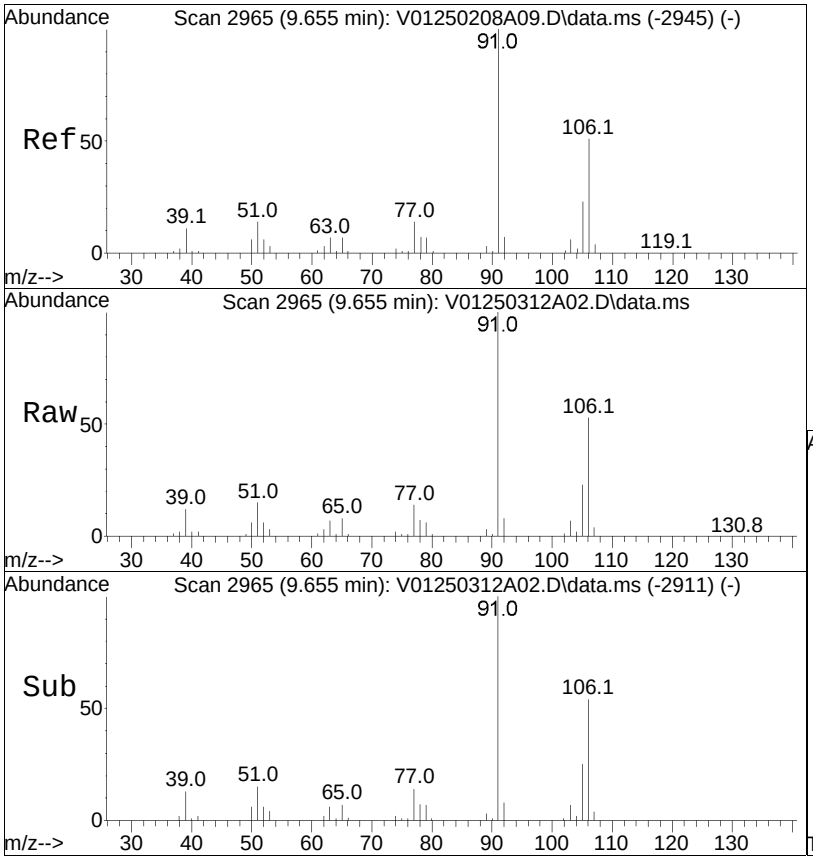


#75
1,1,1,2-Tetrachloroethane
Concen: 9.98 ug/L
RT: 9.516 min Scan# 2915
Delta R.T. -0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:131 Resp: 129375

Ion	Ratio	Lower	Upper
131	100		
133	96.2	74.5	114.5
119	66.5	45.1	85.1

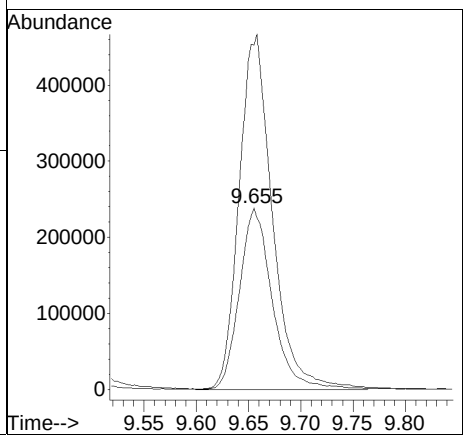


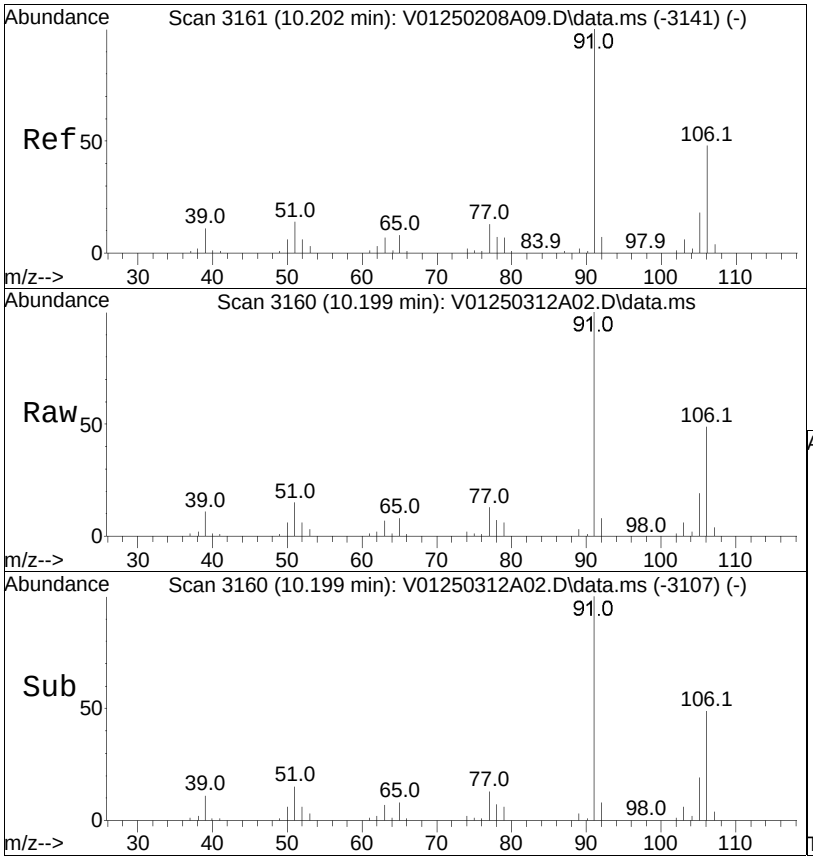


#76
p/m Xylene
Concen: 21.23 ug/L
RT: 9.655 min Scan# 2965
Delta R.T. 0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:106 Resp: 521604

Ion	Ratio	Lower	Upper
106	100		
91	197.7	159.6	239.4

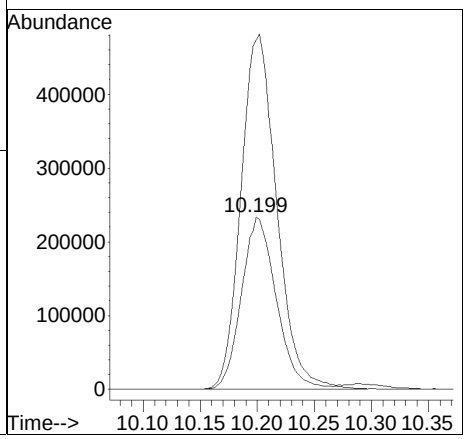


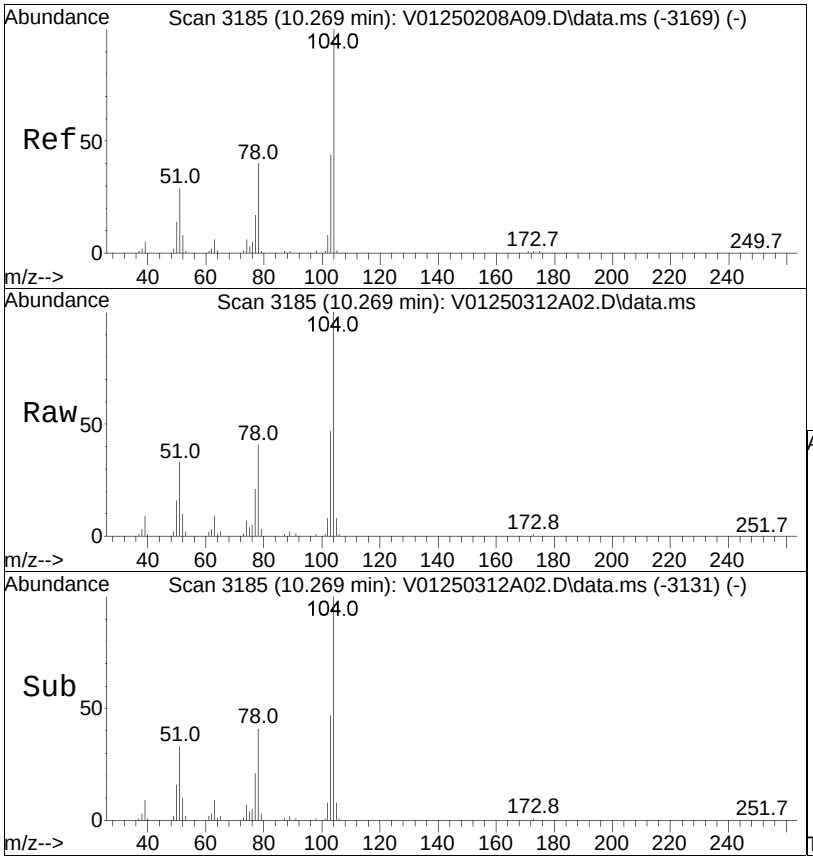


#77
o Xylene
Concen: 21.13 ug/L
RT: 10.199 min Scan# 3160
Delta R.T. -0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:106 Resp: 501221

Ion	Ratio	Lower	Upper
106	100		
91	208.5	168.7	253.1

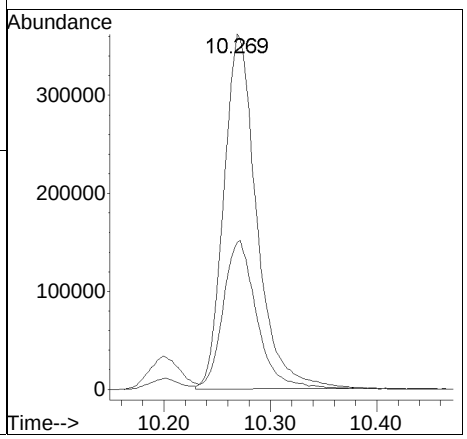


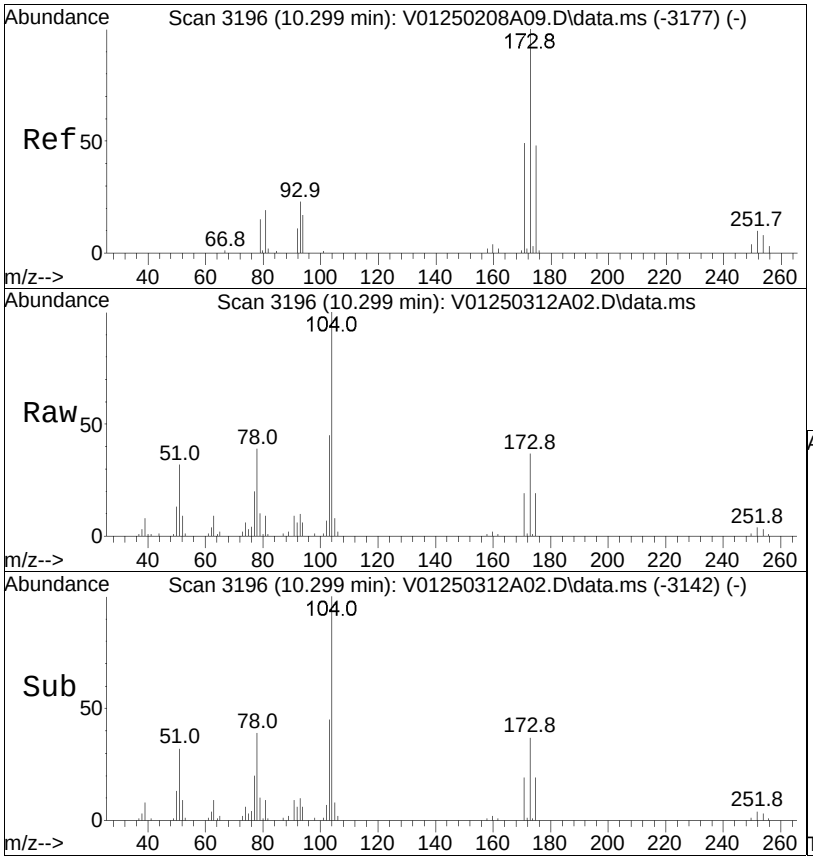


#78
Styrene
Concen: 21.47 ug/L
RT: 10.269 min Scan# 3185
Delta R.T. -0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:104 Resp: 780858

Ion	Ratio	Lower	Upper
104	100		
78	41.7	35.0	52.6

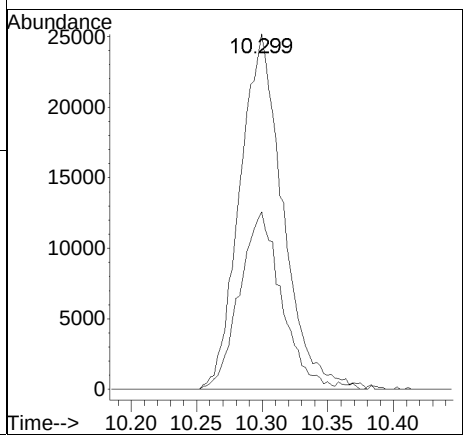


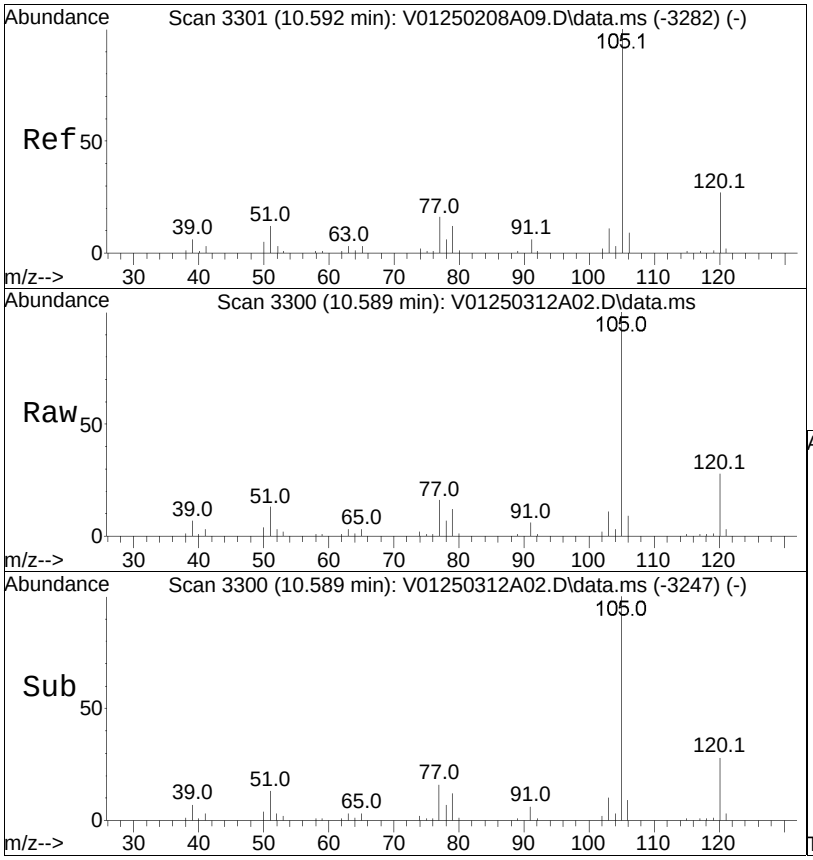


#80
Bromoform
Concen: 9.21 ug/L
RT: 10.299 min Scan# 3196
Delta R.T. 0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:173 Resp: 57721

Ion	Ratio	Lower	Upper
173	100		
175	48.7	27.6	67.6

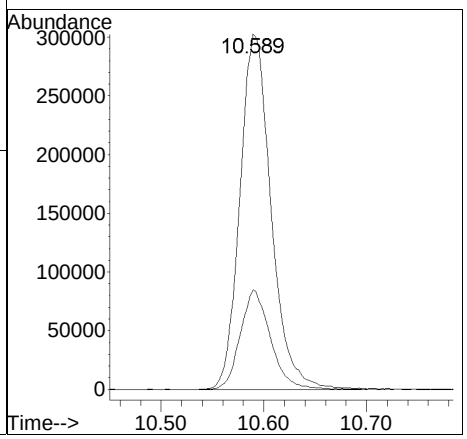


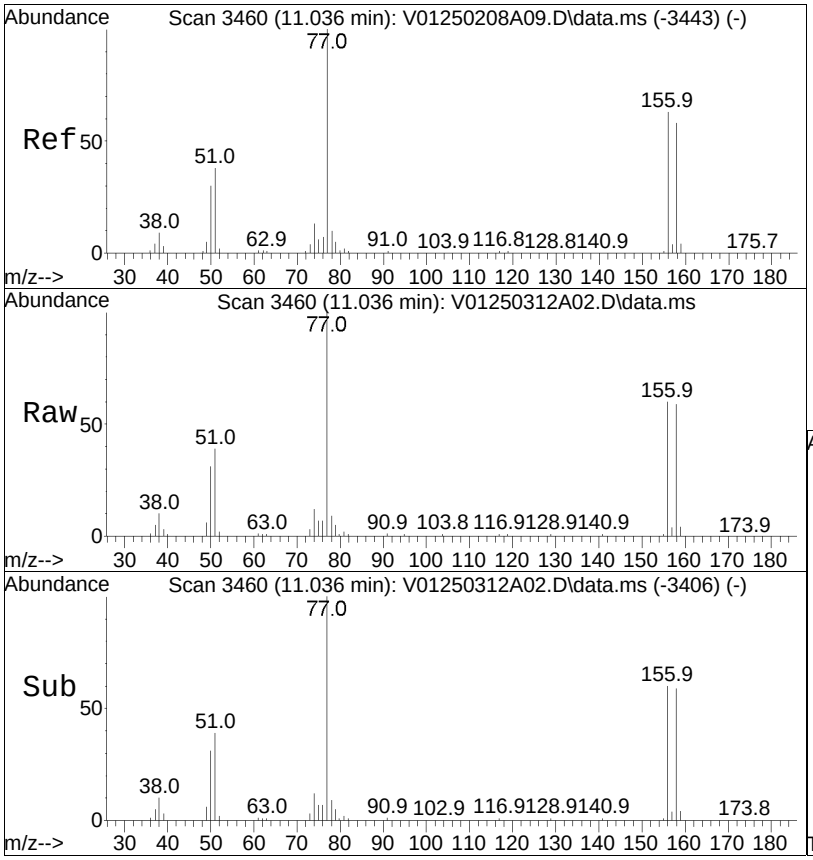


#82
Isopropylbenzene
Concen: 10.30 ug/L
RT: 10.589 min Scan# 3300
Delta R.T. -0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:105 Resp: 639780

Ion	Ratio	Lower	Upper
105	100		
120	27.1	7.2	47.2

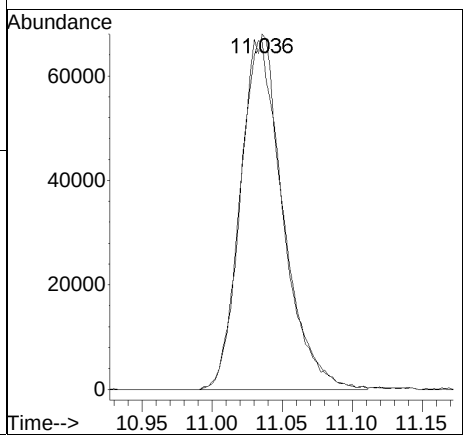


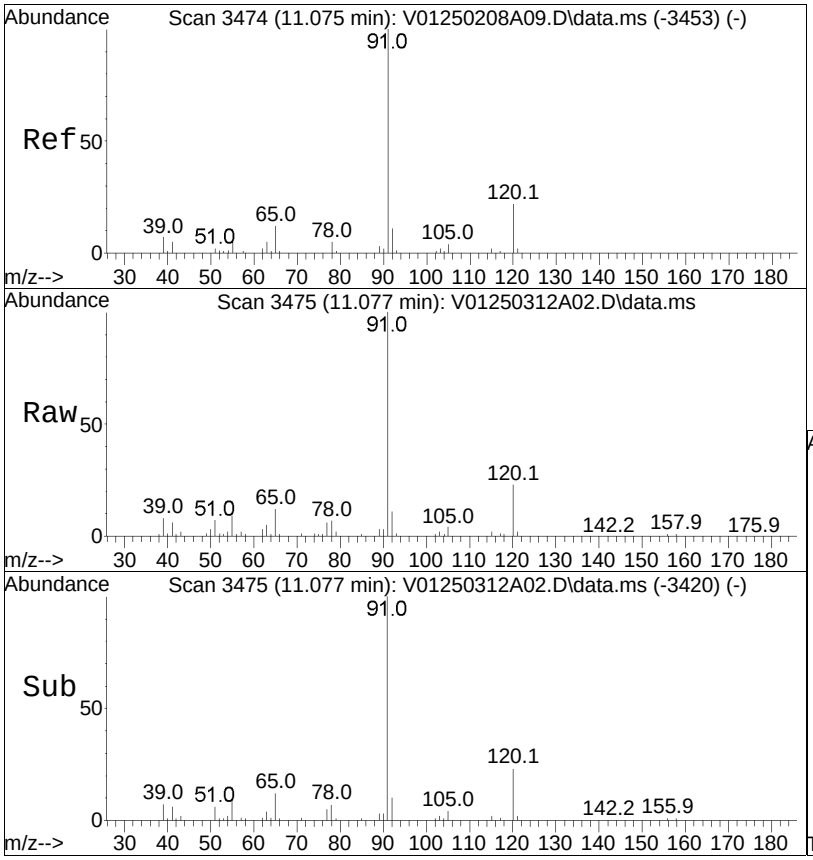


#84
Bromobenzene
Concen: 10.35 ug/L
RT: 11.036 min Scan# 3460
Delta R.T. -0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:156 Resp: 144987

Ion	Ratio	Lower	Upper
156	100		
158	96.9	77.2	115.8

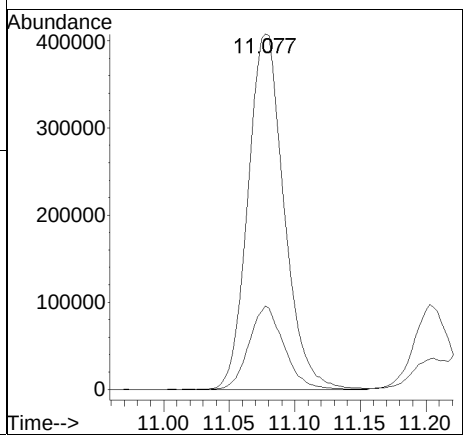


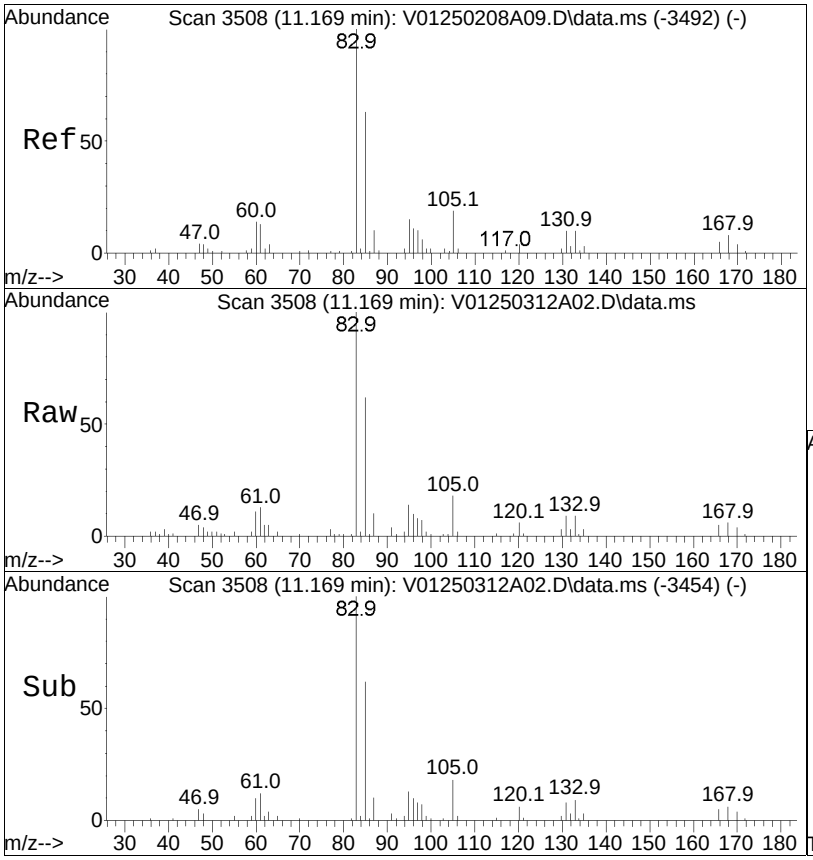


#85
n-Propylbenzene
Concen: 10.74 ug/L
RT: 11.077 min Scan# 3475
Delta R.T. 0.002 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 91 Resp: 781502

Ion	Ratio	Lower	Upper
91	100		
120	22.6	18.5	27.7

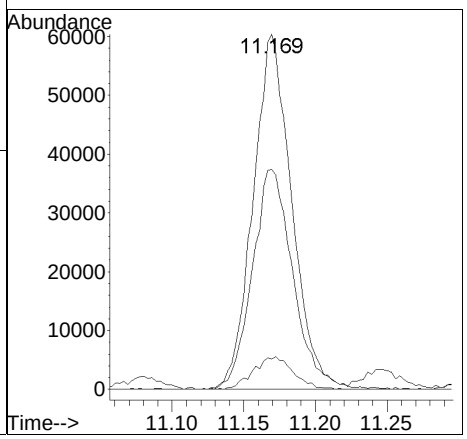


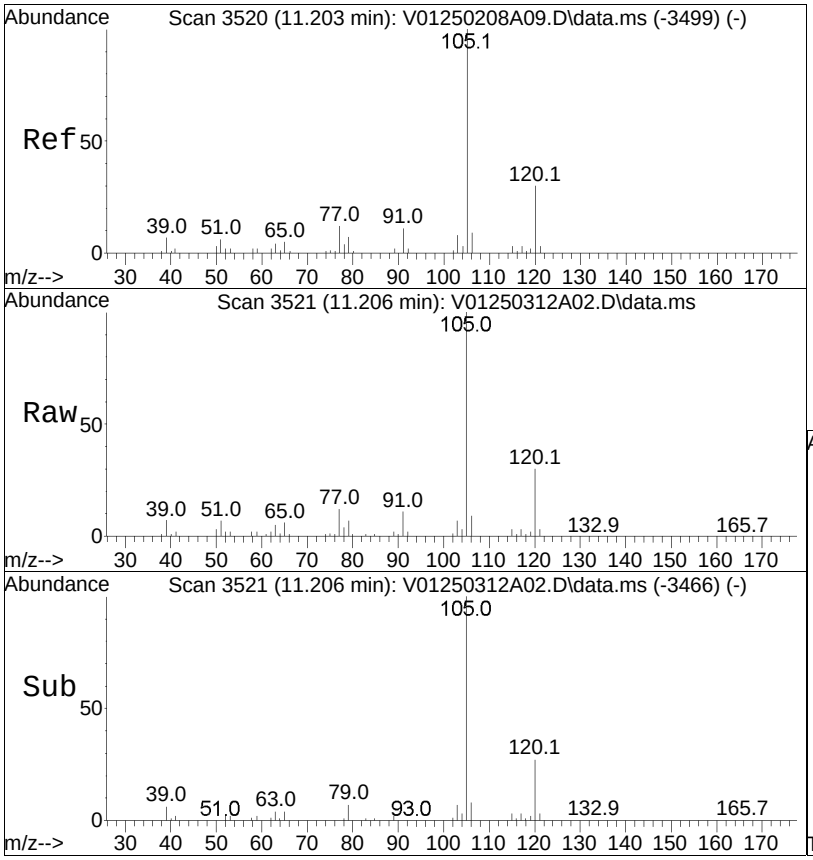


#87
1,1,2,2-Tetrachloroethane
Concen: 10.30 ug/L
RT: 11.169 min Scan# 3508
Delta R.T. 0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 83 Resp: 113288

Ion	Ratio	Lower	Upper
83	100		
131	9.6	0.0	29.5
85	65.0	45.9	85.9

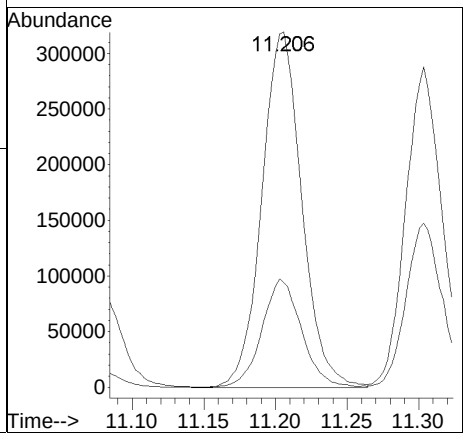


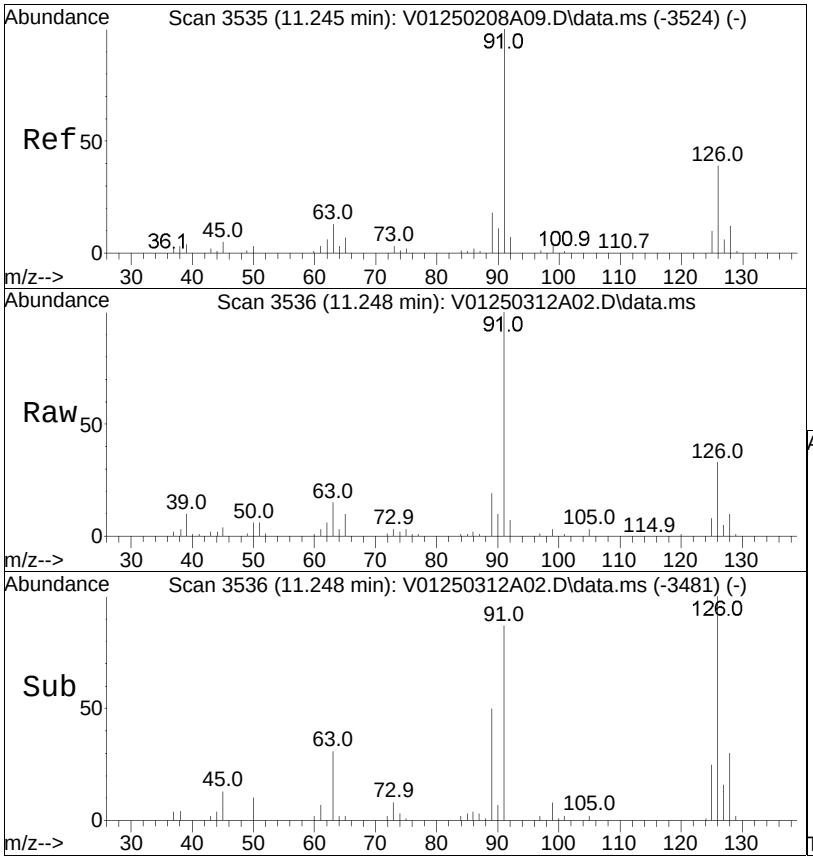


#88
4-Ethyltoluene
Concen: 10.28 ug/L
RT: 11.206 min Scan# 3521
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:105 Resp: 618778

Ion	Ratio	Lower	Upper
105	100		
120	29.8	19.6	40.6

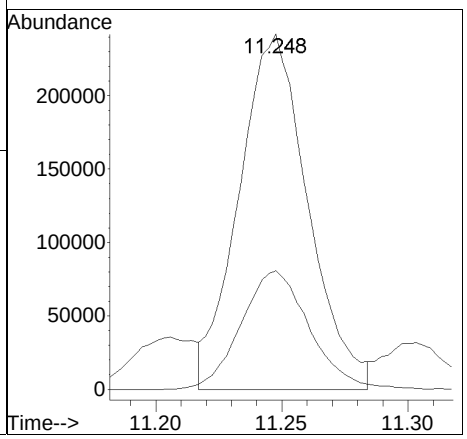


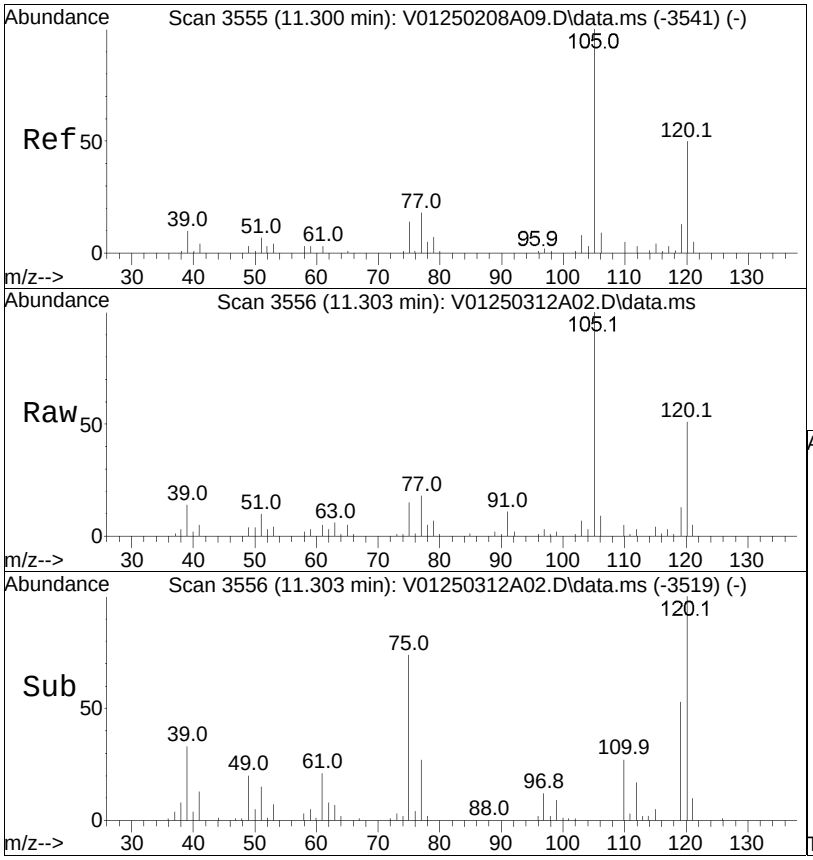


#89
2-Chlorotoluene
Concen: 10.38 ug/L M1
RT: 11.248 min Scan# 3536
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 91 Resp: 459961

Ion	Ratio	Lower	Upper
91	100		
126	33.2	26.3	39.5

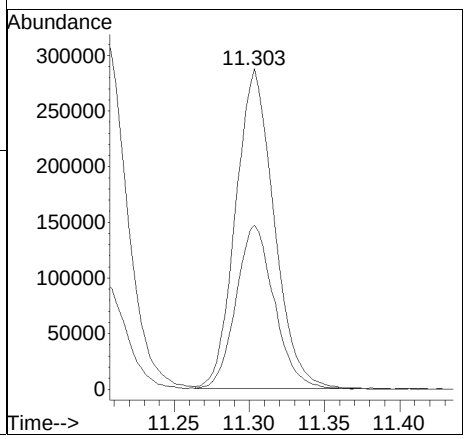


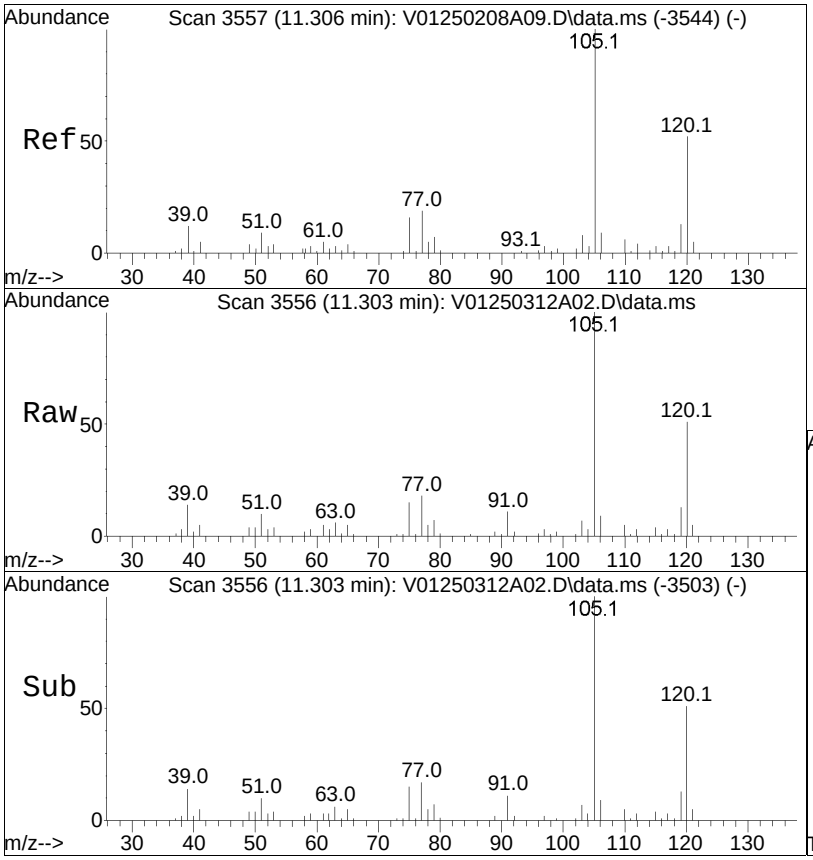


#90
1,3,5-Trimethylbenzene
Concen: 10.24 ug/L
RT: 11.303 min Scan# 3556
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:105 Resp: 510301

Ion	Ratio	Lower	Upper
105	100		
120	51.1	41.0	61.6

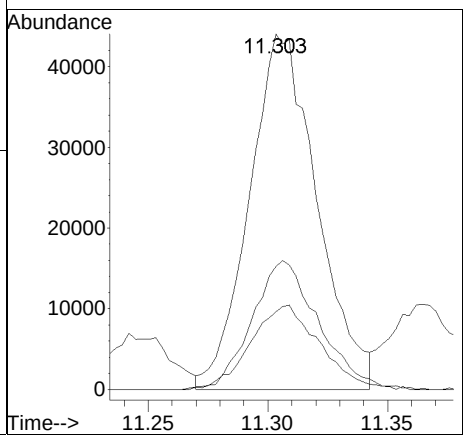


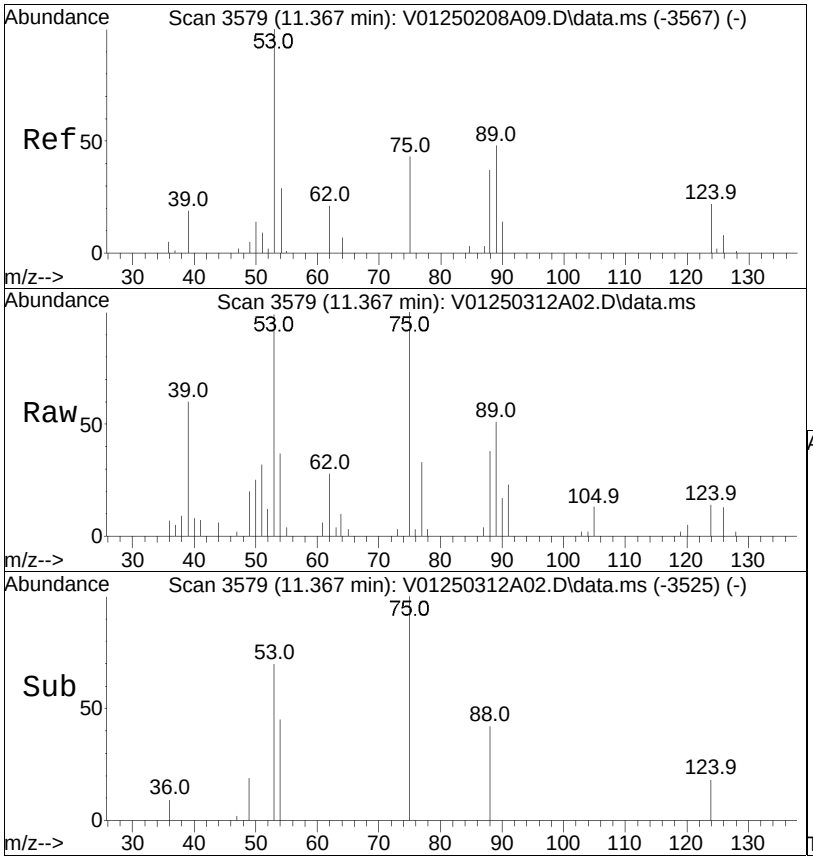


#91
1,2,3-Trichloropropane
Concen: 9.94 ug/L M4
RT: 11.303 min Scan# 3556
Delta R.T. -0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 75 Resp: 86550

Ion	Ratio	Lower	Upper
75	100		
110	35.7	23.6	49.0
112	24.1	15.5	32.3

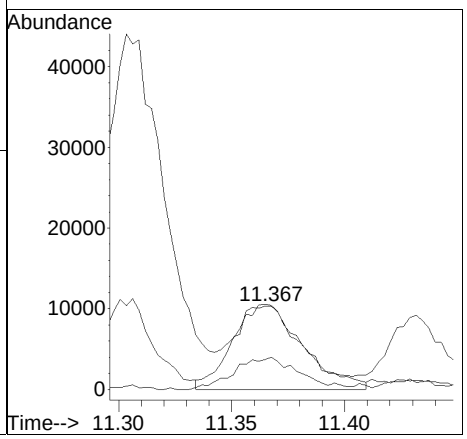


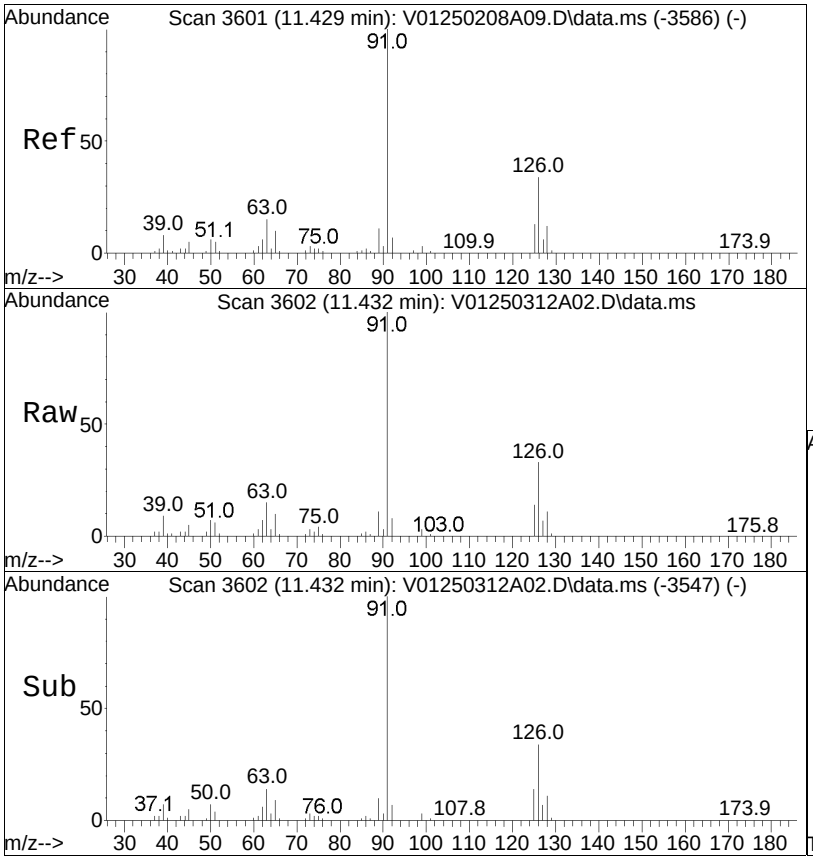


#92
trans-1,4-Dichloro-2-butene
Concen: 9.24 ug/L M1
RT: 11.367 min Scan# 3579
Delta R.T. 0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 53 Resp: 22490

Ion	Ratio	Lower	Upper
53	100		
88	35.3	30.3	45.5
75	82.3	60.5	90.7

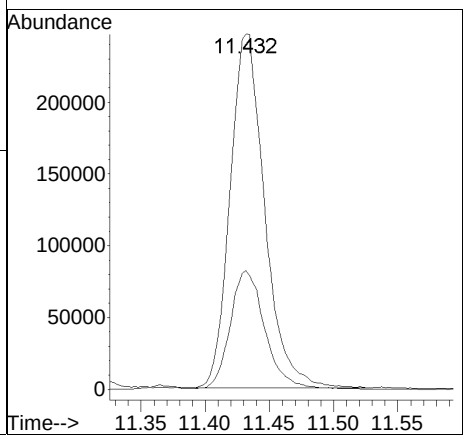


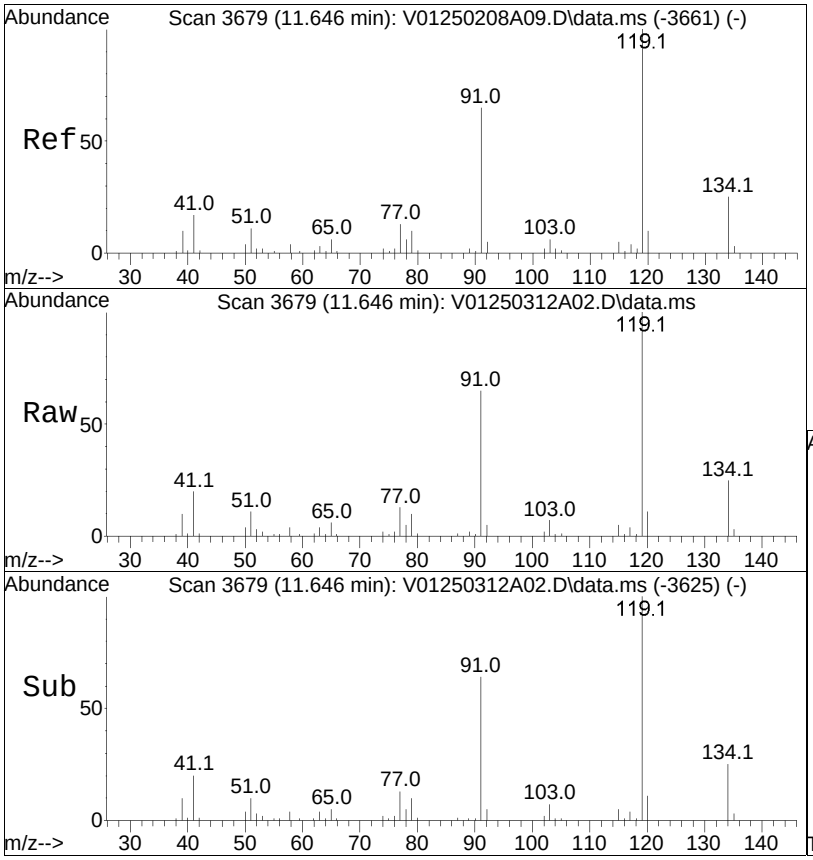


#93
4-Chlorotoluene
Concen: 10.49 ug/L
RT: 11.432 min Scan# 3602
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 91 Resp: 461909

Ion	Ratio	Lower	Upper
91	100		
126	33.5	27.1	40.7

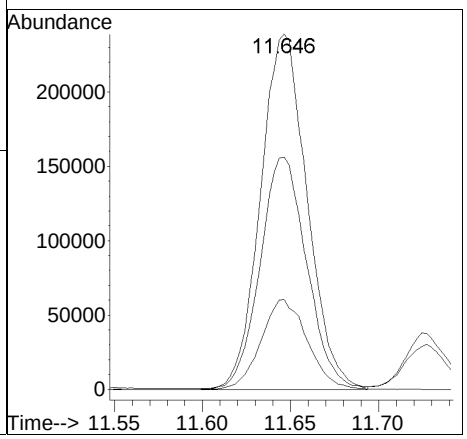


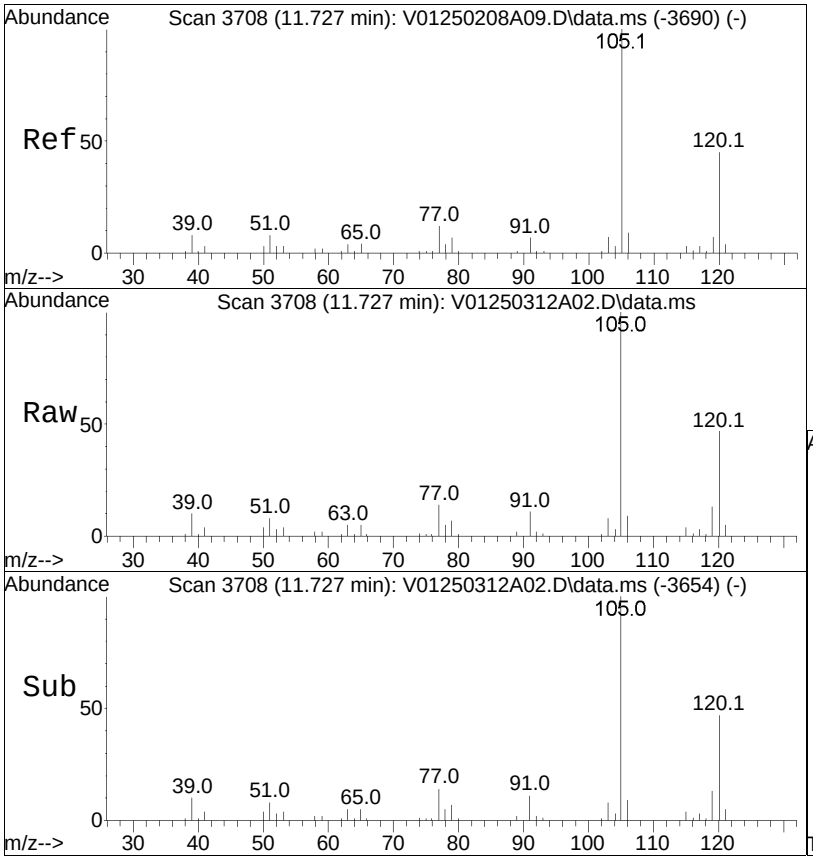


#94
tert-Butylbenzene
Concen: 10.22 ug/L
RT: 11.646 min Scan# 3679
Delta R.T. 0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:119 Resp: 438902

Ion	Ratio	Lower	Upper
119	100		
91	65.2	51.8	77.6
134	25.2	19.9	29.9

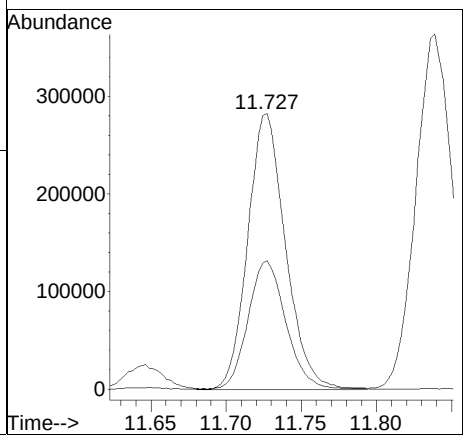


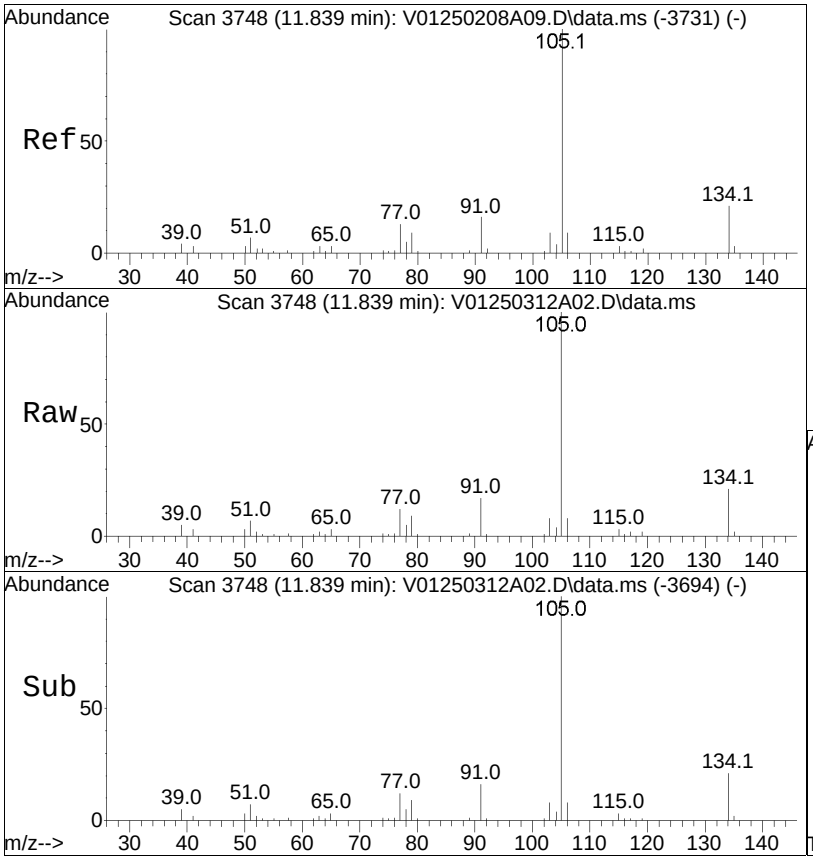


#97
1,2,4-Trimethylbenzene
Concen: 10.44 ug/L
RT: 11.727 min Scan# 3708
Delta R.T. 0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:105 Resp: 493264

Ion	Ratio	Lower	Upper
105	100		
120	46.4	37.3	55.9

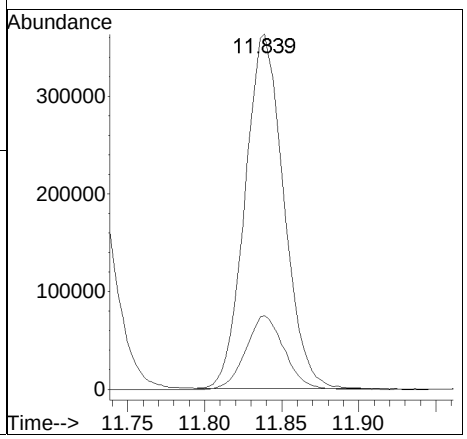


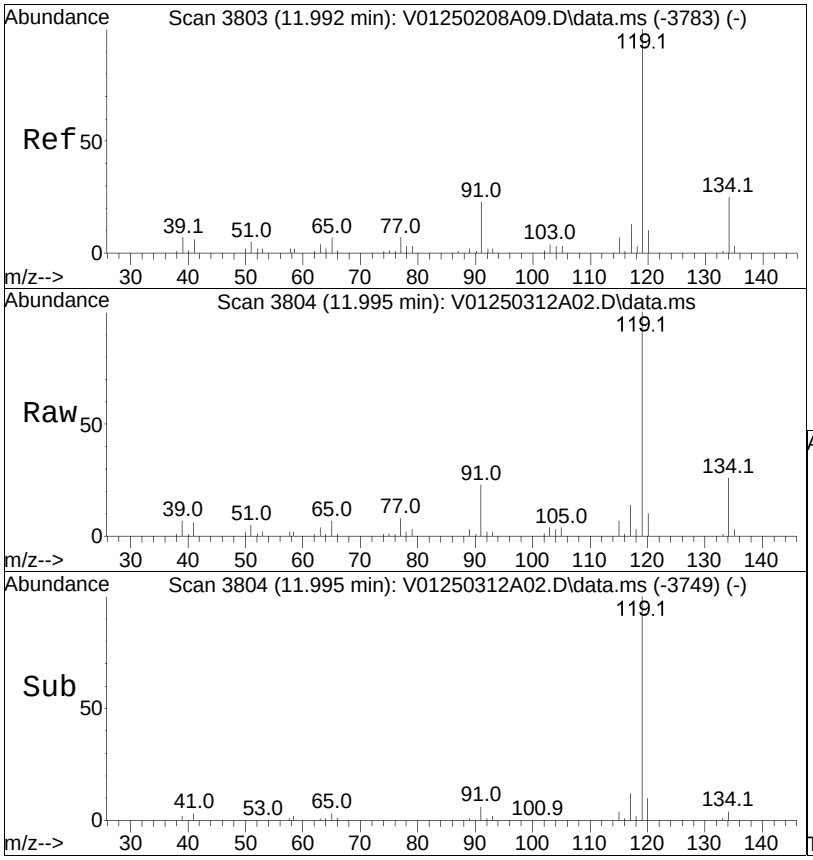


#98
sec-Butylbenzene
Concen: 10.56 ug/L
RT: 11.839 min Scan# 3748
Delta R.T. -0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:105 Resp: 634232

Ion	Ratio	Lower	Upper
105	100		
134	20.6	13.2	27.4

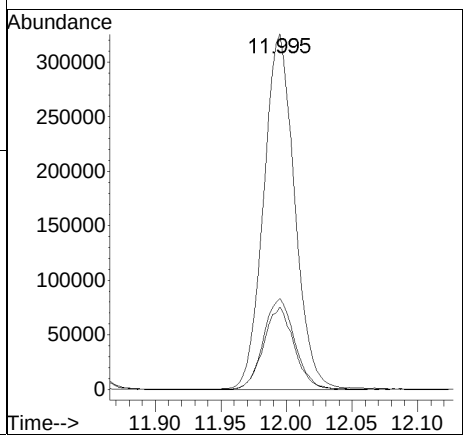


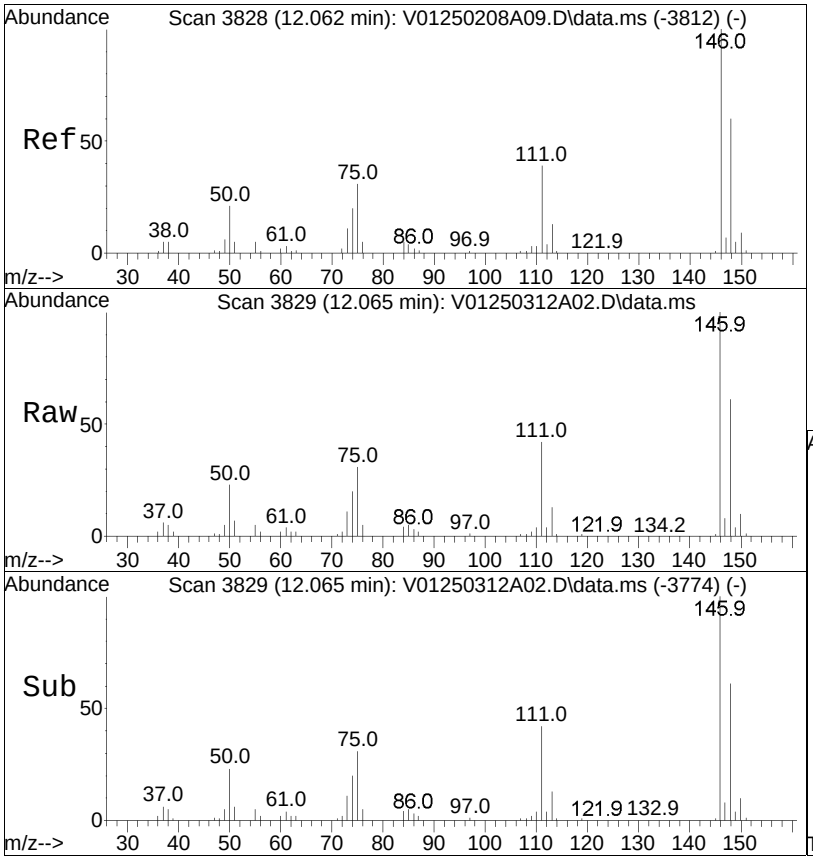


#99
p-Isopropyltoluene
Concen: 10.48 ug/L
RT: 11.995 min Scan# 3804
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:119 Resp: 535484

Ion	Ratio	Lower	Upper
119	100		
134	25.8	16.8	35.0
91	23.0	14.5	30.1

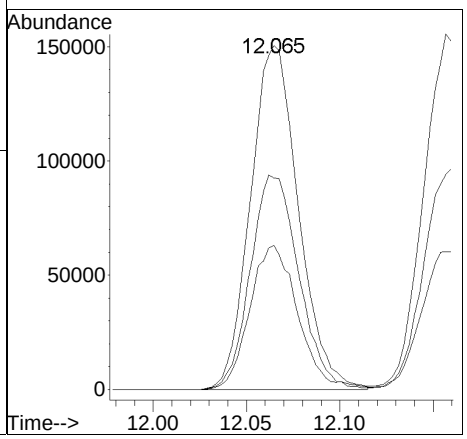


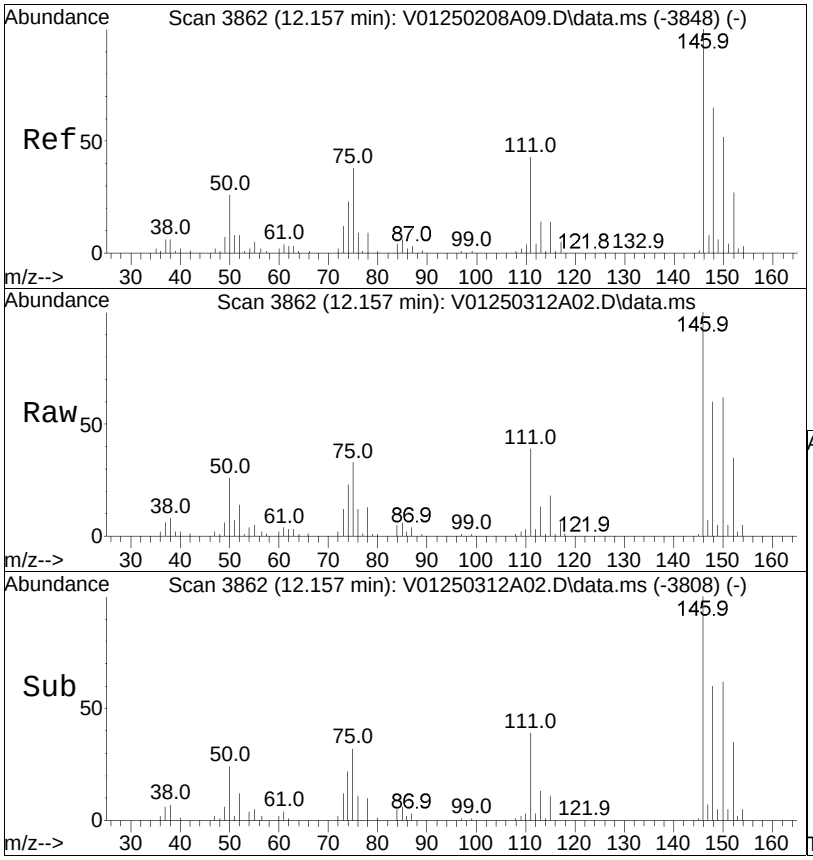


#100
1,3-Dichlorobenzene
Concen: 10.56 ug/L
RT: 12.065 min Scan# 3829
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:146 Resp: 268952

Ion	Ratio	Lower	Upper
146	100		
111	41.7	27.2	56.4
148	63.1	40.8	84.6

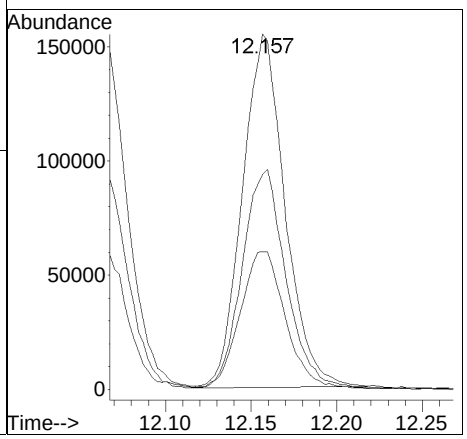


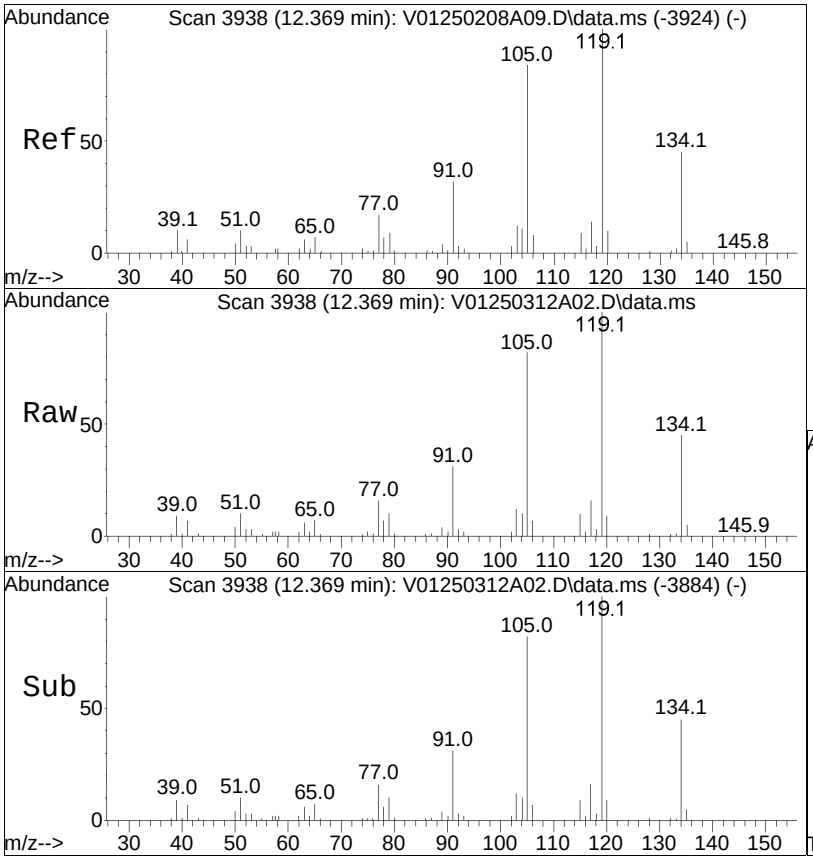


#101
1,4-Dichlorobenzene
Concen: 10.26 ug/L
RT: 12.157 min Scan# 3862
Delta R.T. -0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:146 Resp: 268036

Ion	Ratio	Lower	Upper
146	100		
111	41.4	33.5	50.3
148	63.3	50.4	75.6

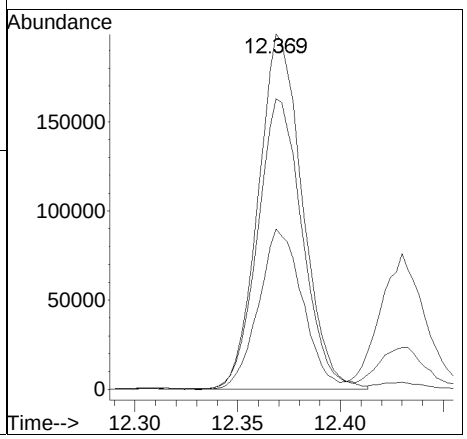


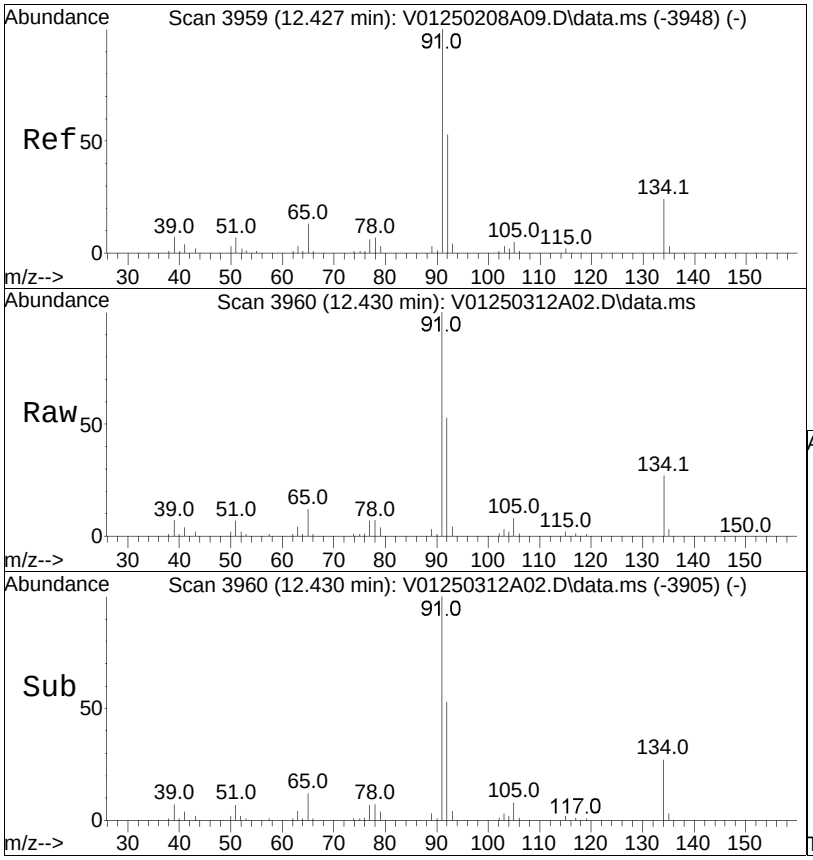


#102
p-Diethylbenzene
Concen: 10.26 ug/L
RT: 12.369 min Scan# 3938
Delta R.T. -0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:119 Resp: 296847

Ion	Ratio	Lower	Upper
119	100		
105	82.7	53.2	110.6
134	45.0	29.6	61.4

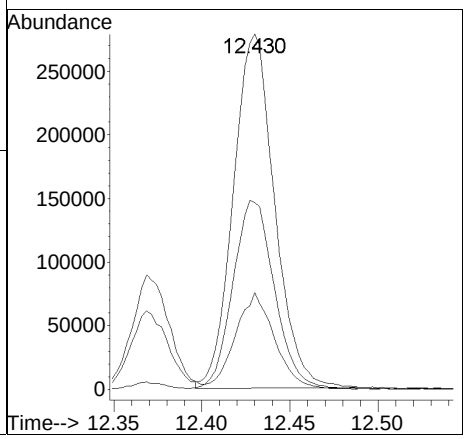


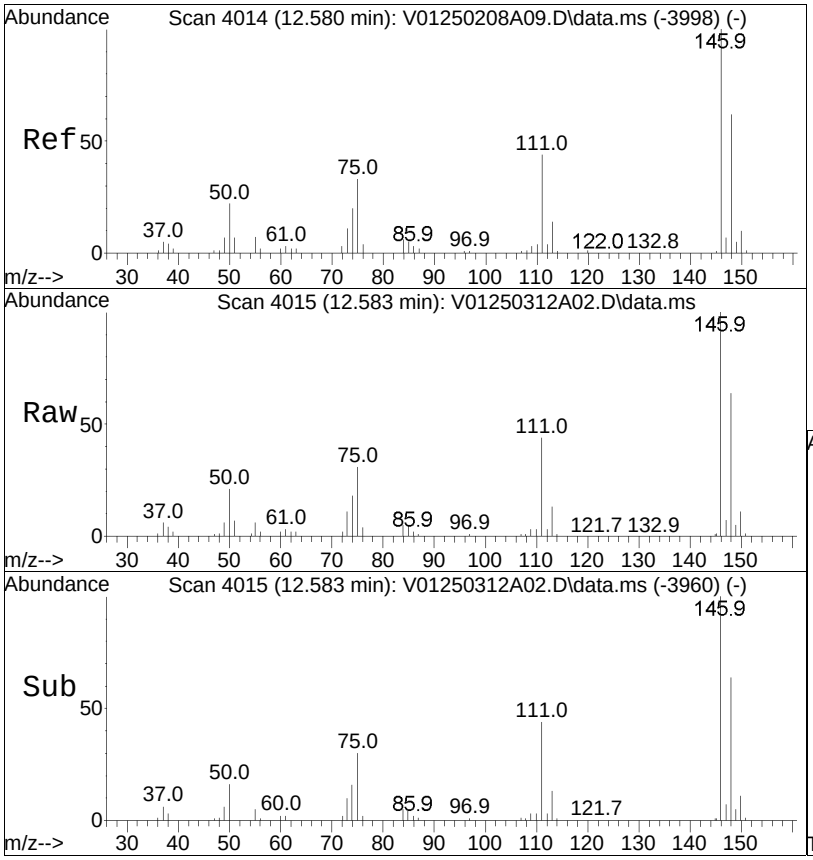


#103
n-Butylbenzene
Concen: 11.04 ug/L
RT: 12.430 min Scan# 3960
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion: 91 Resp: 454144

Ion	Ratio	Lower	Upper
91	100		
92	53.9	43.9	65.9
134	25.6	21.7	32.5

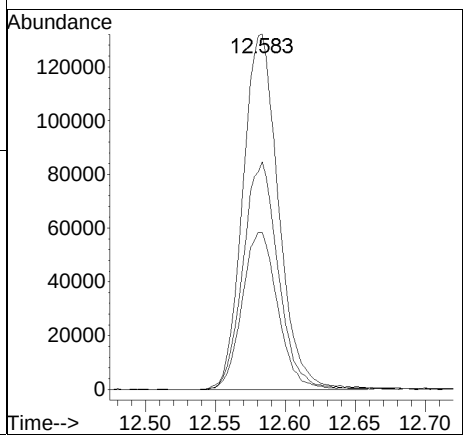


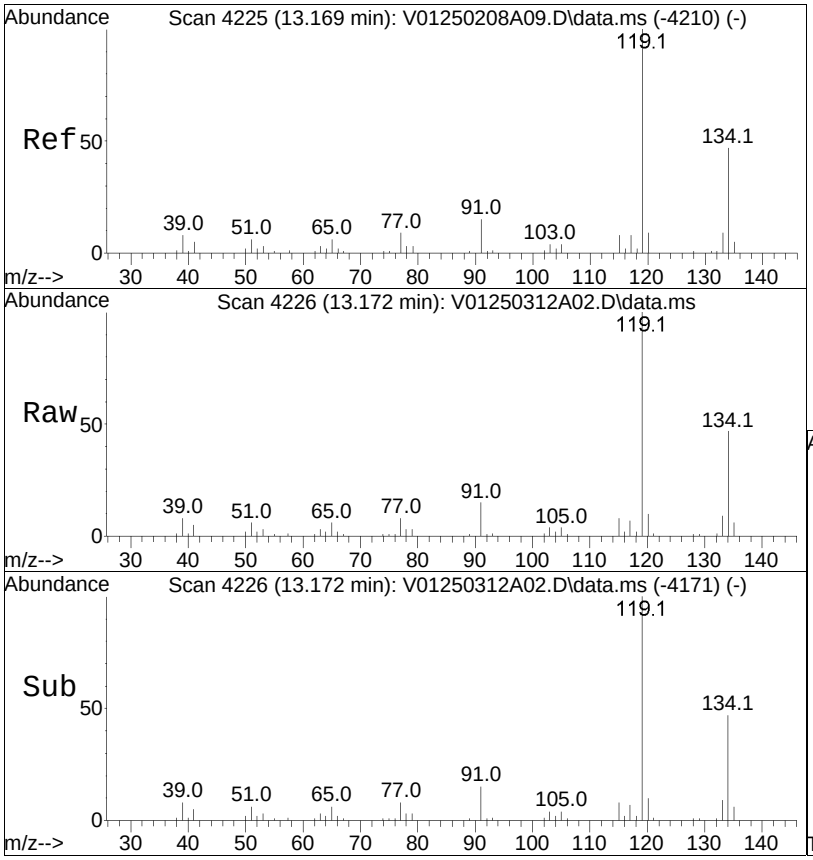


#104
1,2-Dichlorobenzene
Concen: 10.38 ug/L
RT: 12.583 min Scan# 4015
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:146 Resp: 234366

Ion	Ratio	Lower	Upper
146	100		
111	44.0	28.2	58.6
148	63.1	41.1	85.5

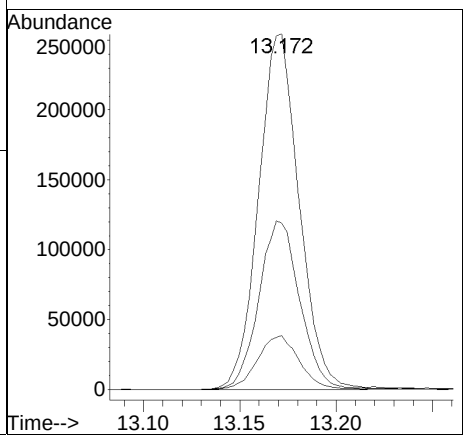


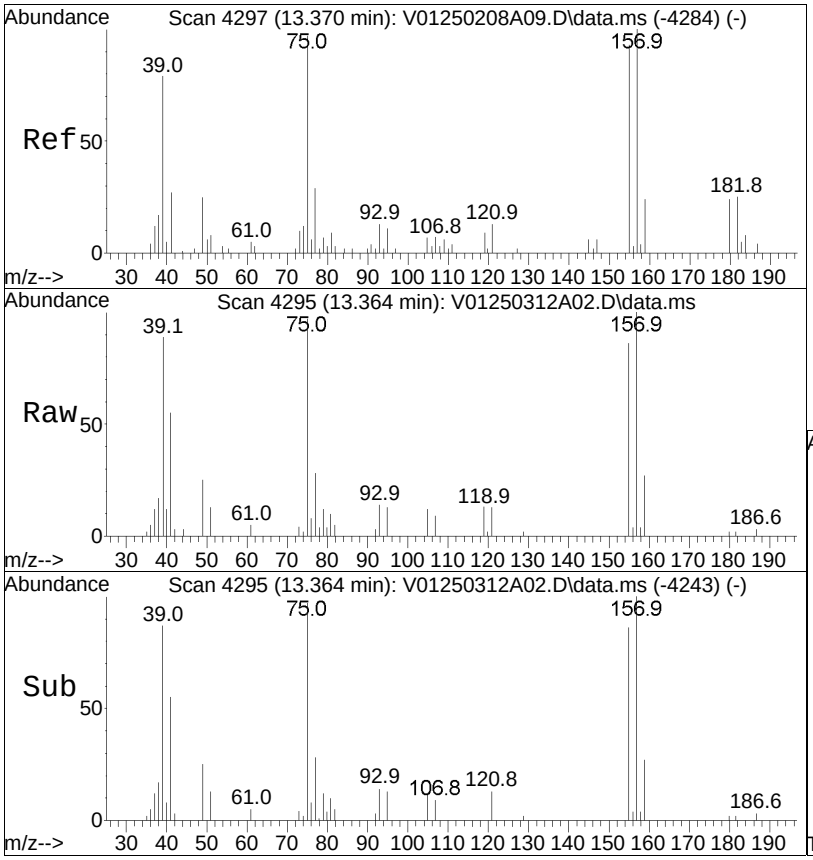


#105
1,2,4,5-Tetramethylbenzene
Concen: 9.67 ug/L
RT: 13.172 min Scan# 4226
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:119 Resp: 372471

Ion	Ratio	Lower	Upper
119	100		
134	48.0	30.4	63.0
91	15.6	9.9	20.5

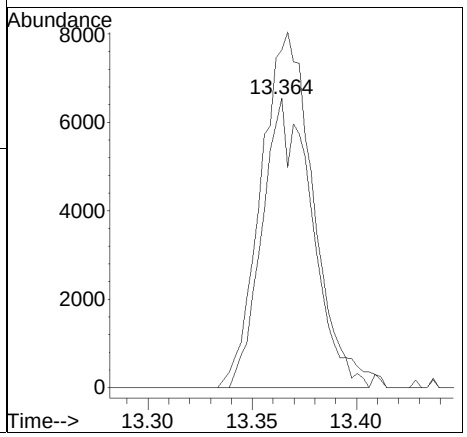


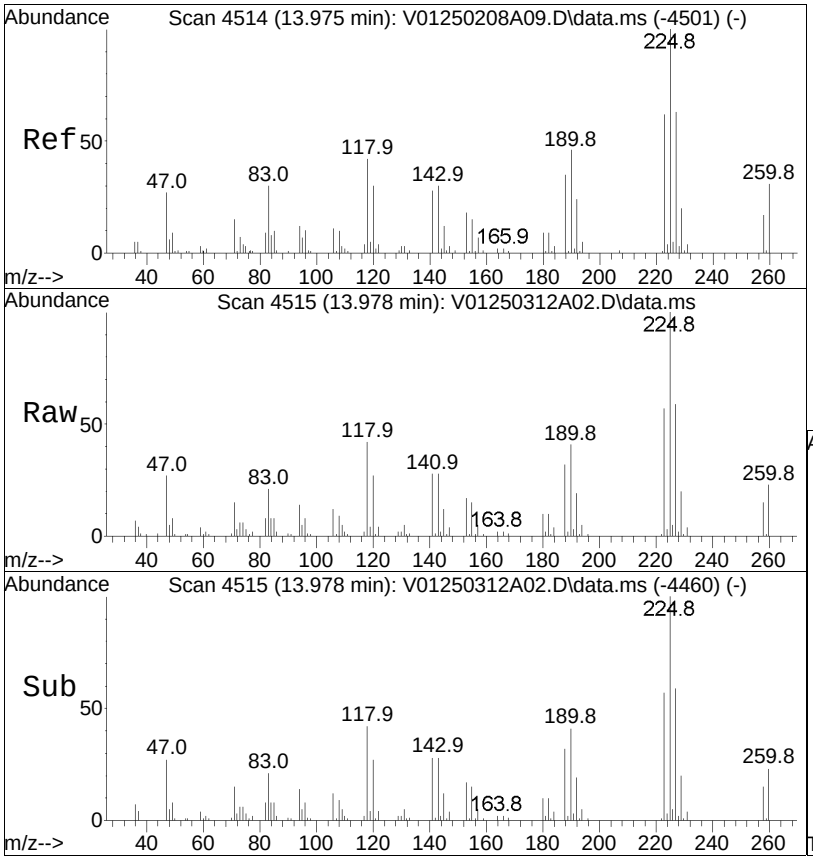


#106
1,2-Dibromo-3-chloropropane
Concen: 8.34 ug/L M1
RT: 13.364 min Scan# 4295
Delta R.T. -0.006 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:155 Resp: 10830

Ion	Ratio	Lower	Upper
155	100		
157	130.3	99.0	148.6

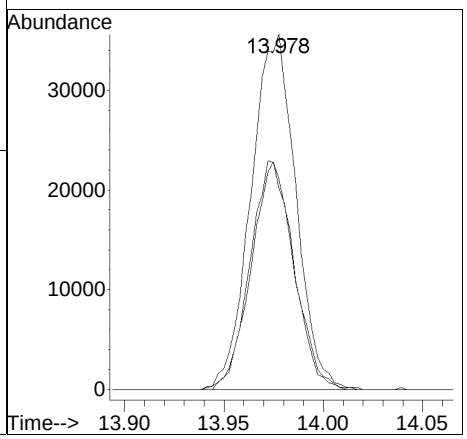


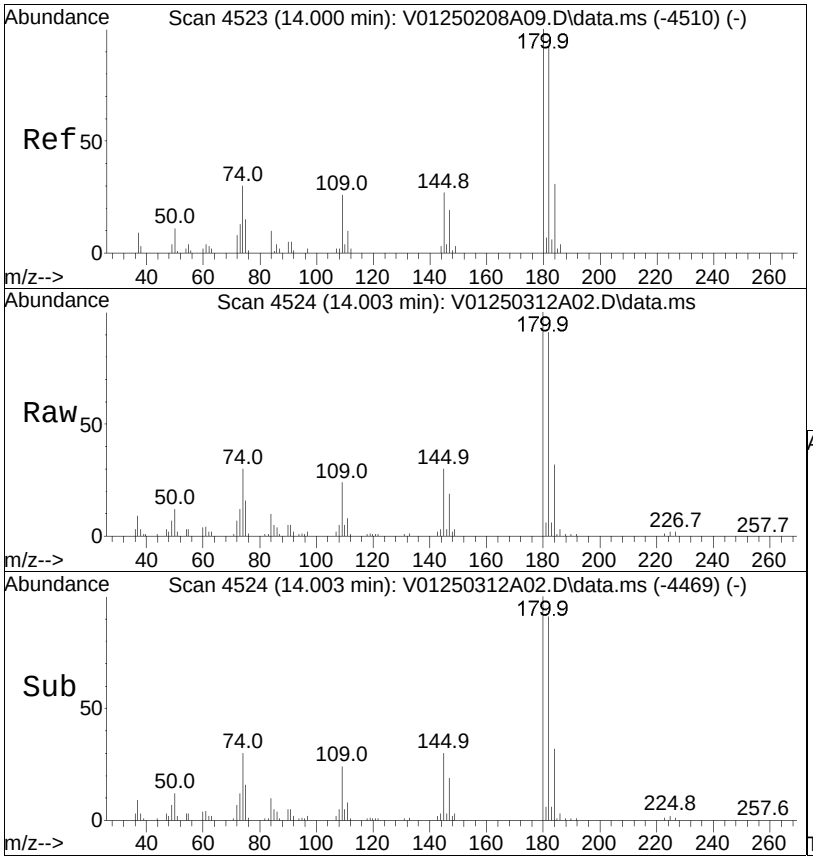


#108
Hexachlorobutadiene
Concen: 11.04 ug/L
RT: 13.978 min Scan# 4515
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:225 Resp: 55789

Ion	Ratio	Lower	Upper
225	100		
223	60.4	49.6	74.4
227	63.4	48.8	73.2

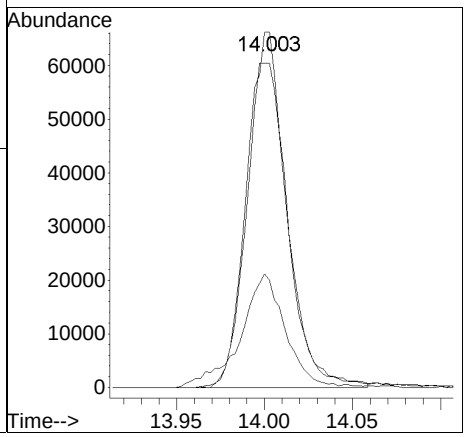


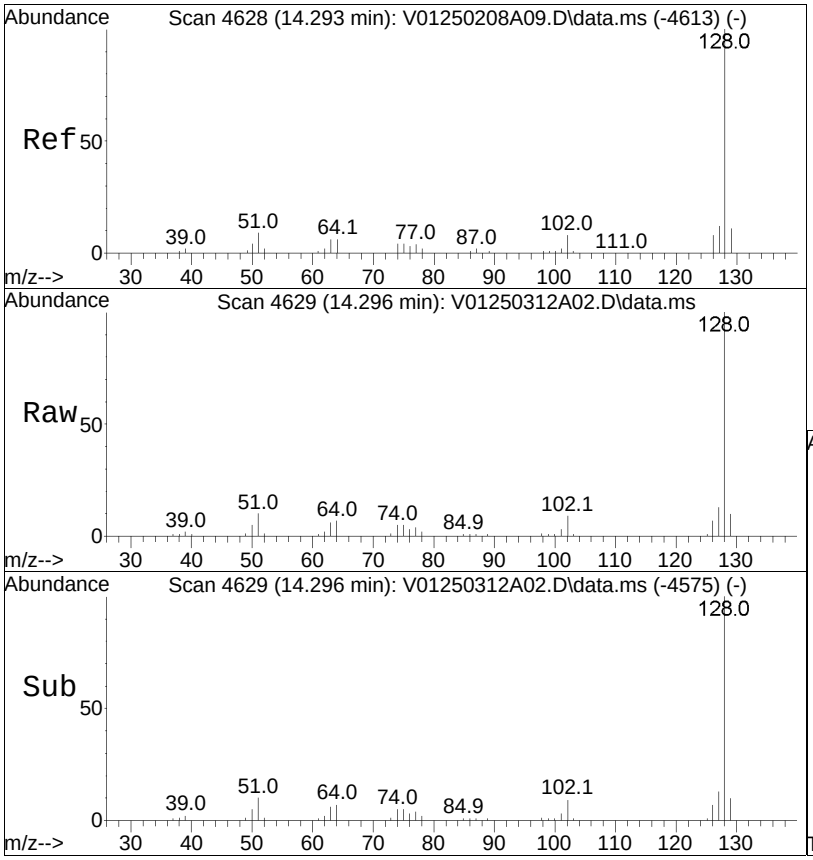


#109
1,2,4-Trichlorobenzene
Concen: 9.86 ug/L
RT: 14.003 min Scan# 4524
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:180 Resp: 105328

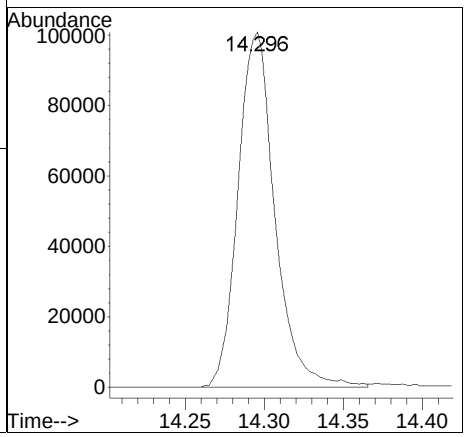
Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.6	114.8
145	35.7	28.7	43.1

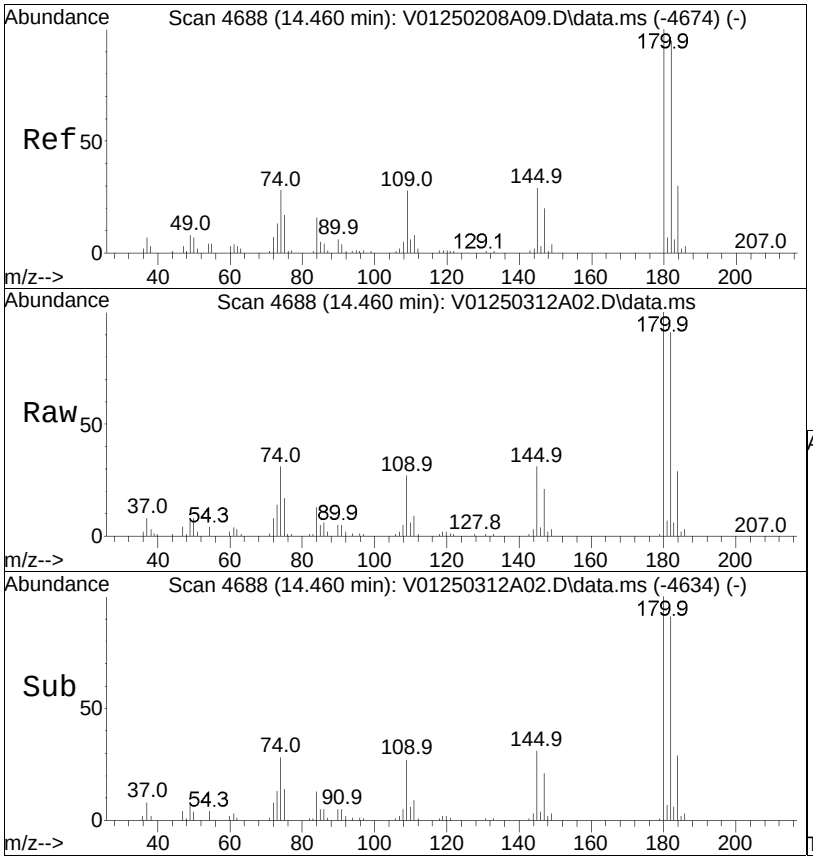




#110
Naphthalene
Concen: 8.41 ug/L
RT: 14.296 min Scan# 4629
Delta R.T. 0.003 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:128 Resp: 164110

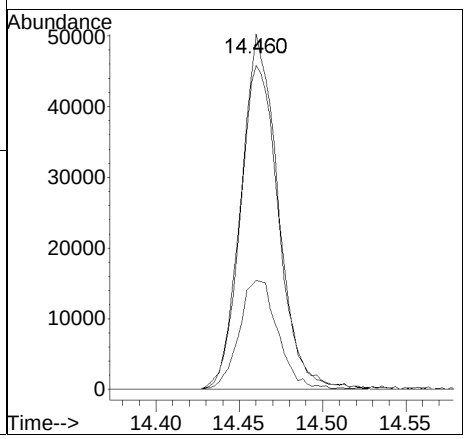




#111
1,2,3-Trichlorobenzene
Concen: 9.58 ug/L
RT: 14.460 min Scan# 4688
Delta R.T. 0.000 min
Lab File: V01250312A02.D
Acq: 12 Mar 2025 7:55 am

Tgt Ion:180 Resp: 78220

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.6	114.8
145	32.0	25.6	38.4

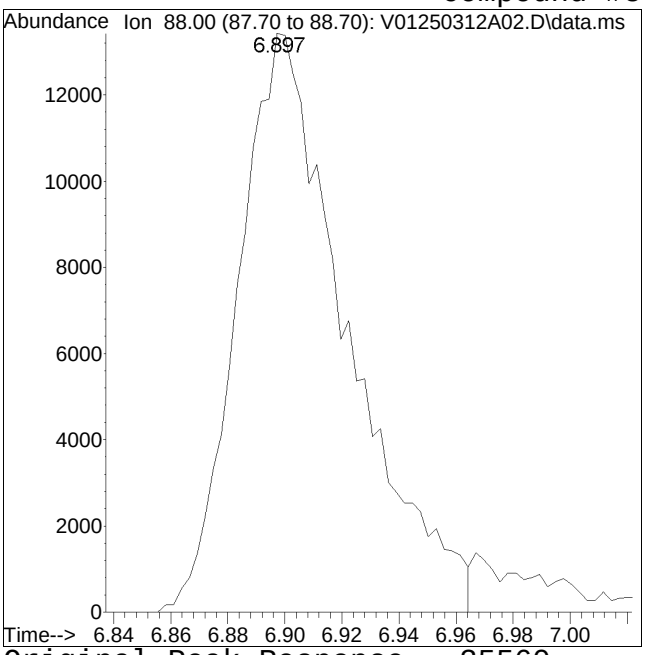


Manual Integration Report

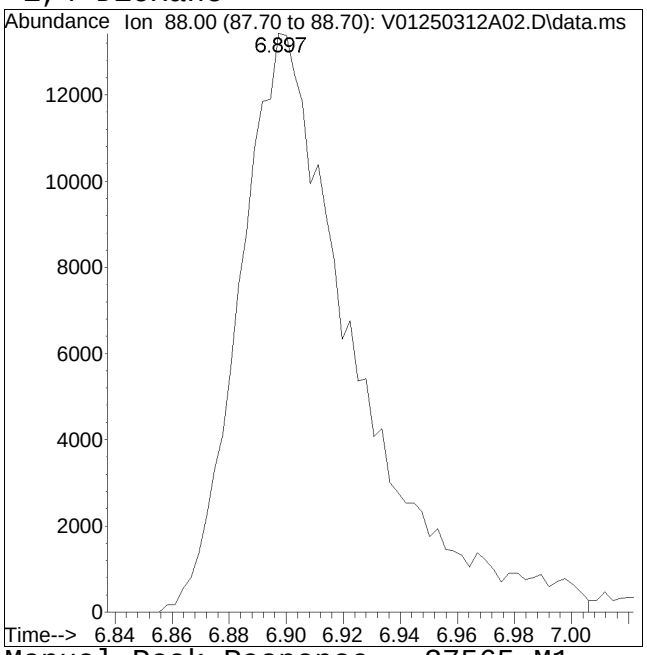
Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A02.D
Date Inj'd : 3/12/2025 7:55 am
Sample : WG2039675-4,31,10,10

QMethod : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 3/12/2025 8:37 am

Compound #57: 1,4-Dioxane



Original Peak Response = 35560



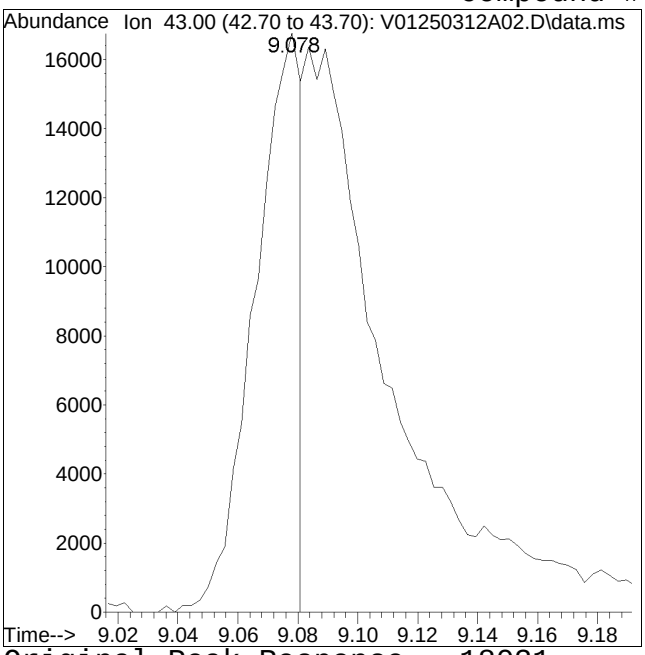
Manual Peak Response = 37565 M1

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

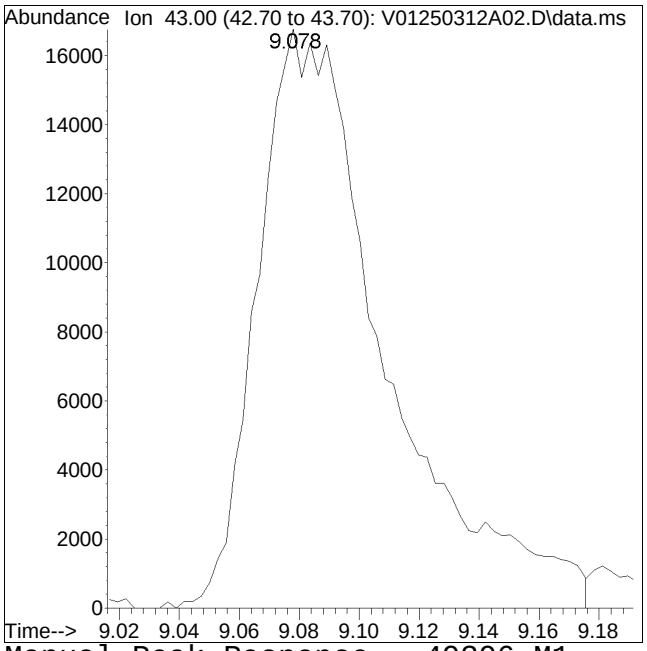
Manual Integration Report

Data Path	: K:\VOA101\2025\250312A\	QMethod	: V101_250208A_8260.m
Data File	: V01250312A02.D	Operator	: VOA101:PID
Date Inj'd	: 3/12/2025 7:55 am	Instrument	: VOA 101
Sample	: WG2039675-4,31,10,10	Quant Date	: 3/12/2025 8:37 am

Compound #72: 2-Hexanone



Original Peak Response = 18031



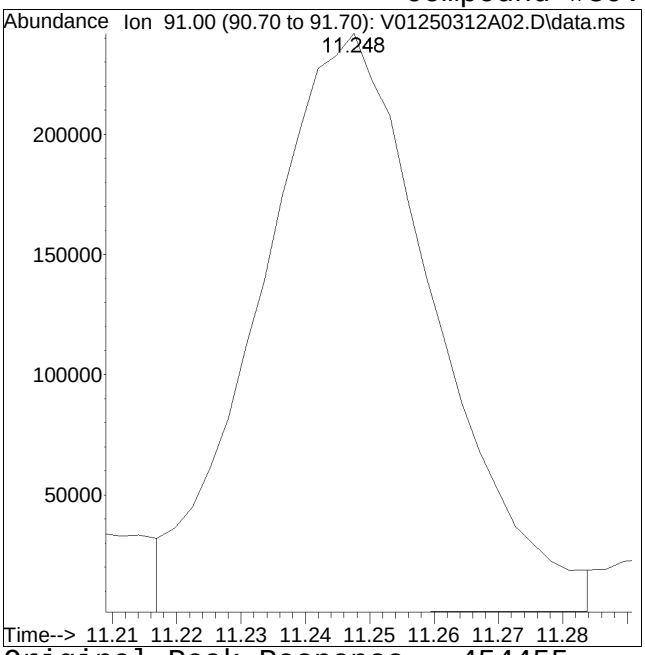
Manual Peak Response = 49396 M1

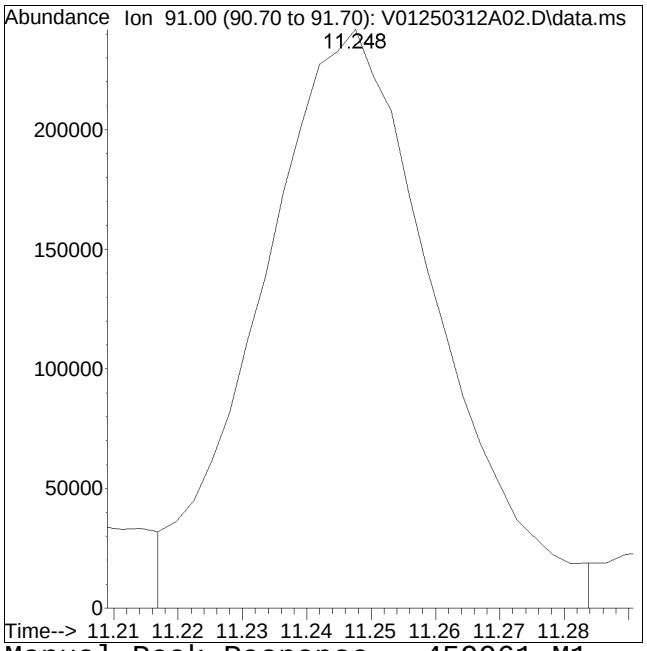
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path	: K:\VOA101\2025\250312A\	QMethod	: V101_250208A_8260.m
Data File	: V01250312A02.D	Operator	: VOA101:PID
Date Inj'd	: 3/12/2025 7:55 am	Instrument	: VOA 101
Sample	: WG2039675-4,31,10,10	Quant Date	: 3/12/2025 8:37 am

Compound #89: 2-Chlorotoluene





Original Peak Response = 454455 Manual Peak Response = 459961 M1

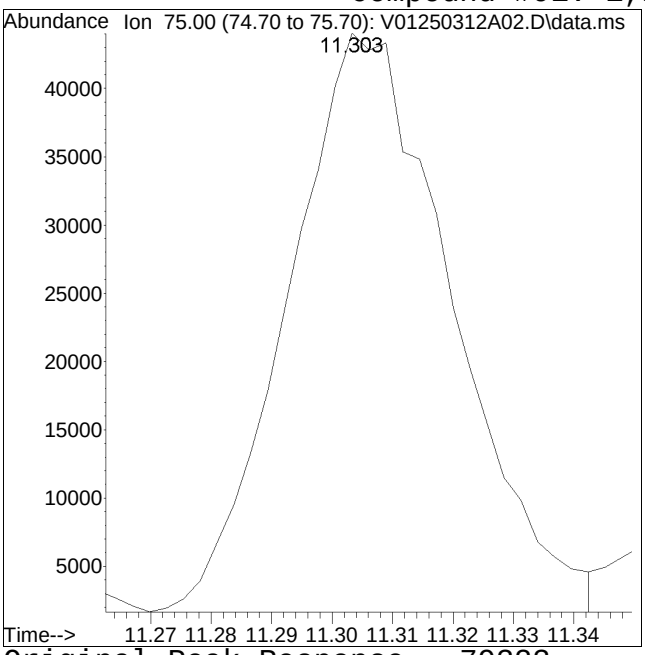
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

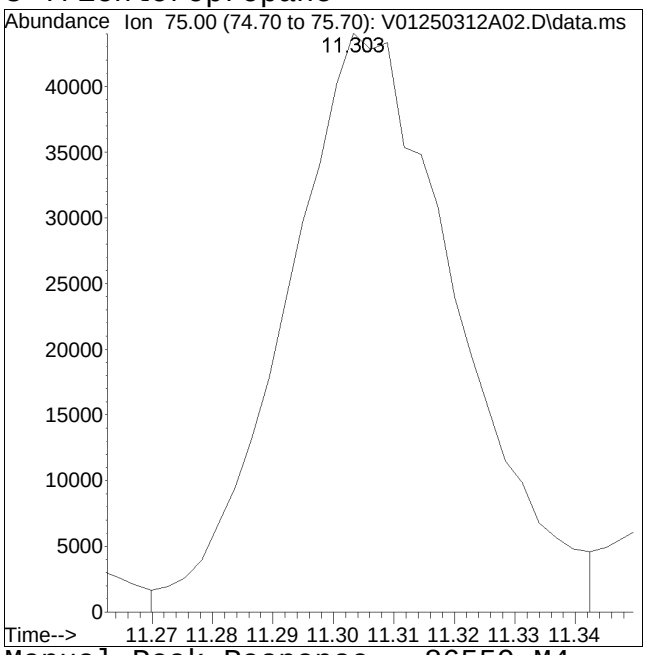
Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A02.D
Date Inj'd : 3/12/2025 7:55 am
Sample : WG2039675-4,31,10,10

QMethod : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 3/12/2025 8:37 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 79323



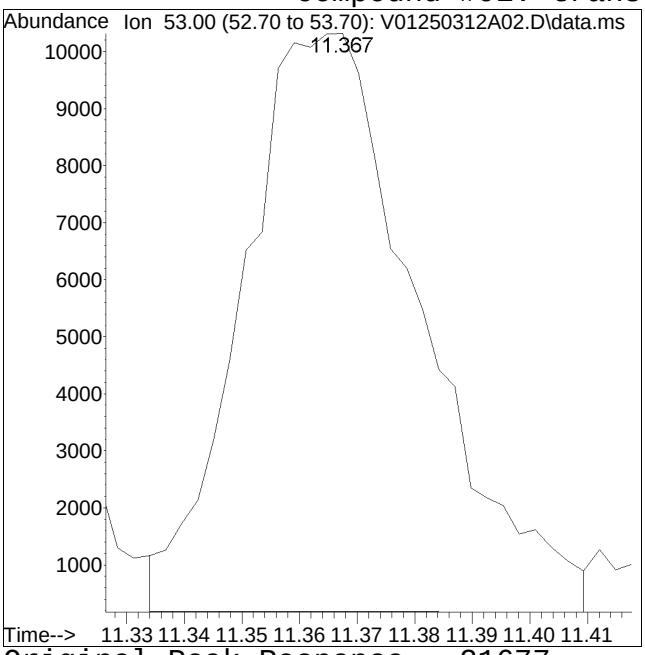
Manual Peak Response = 86550 M4

M4 = Poor automated baseline construction.

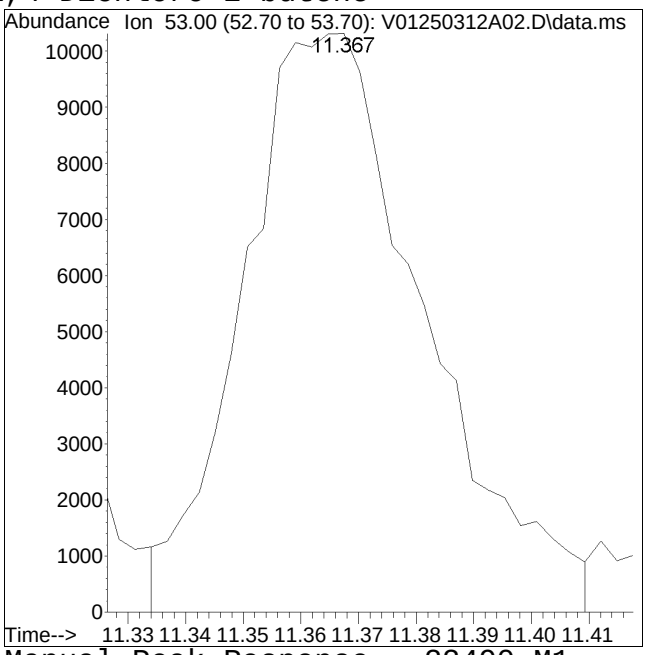
Manual Integration Report

Data Path	: K:\VOA101\2025\250312A\	QMethod	: V101_250208A_8260.m
Data File	: V01250312A02.D	Operator	: VOA101:PID
Date Inj'd	: 3/12/2025 7:55 am	Instrument	: VOA 101
Sample	: WG2039675-4,31,10,10	Quant Date	: 3/12/2025 8:37 am

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 21677



Manual Peak Response = 22490 M1

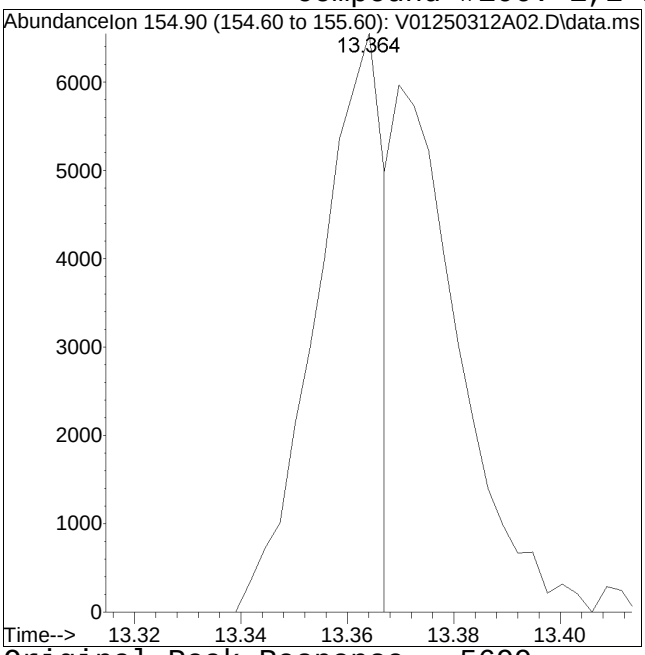
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

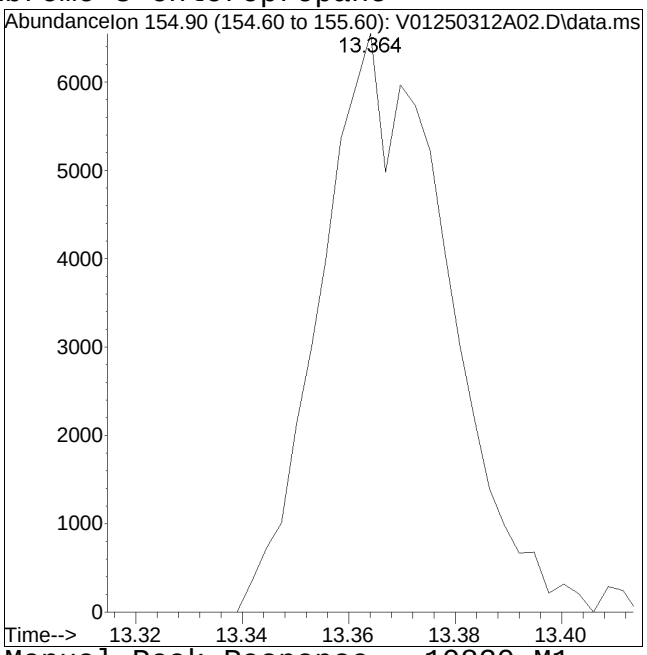
Manual Integration Report

Data Path : K:\VOA101\2025\250312A\
Data File : V01250312A02.D
Date Inj'd : 3/12/2025 7:55 am
Sample : WG2039675-4,31,10,10

QMethod : V101_250208A_8260.m
Operator : VOA101:PID
Instrument : VOA 101
Quant Date : 3/12/2025 8:37 am

Compound #106: 1,2-Dibromo-3-chloropropane





Original Peak Response = 5699 Manual Peak Response = 10830 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A05.D
Acq On : 12 Mar 2025 08:35 am
Operator : VOA122:PID
Sample : WG2039694-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 09:09:57 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.884	96	279703	10.000 ug/L	0.00
Standard Area 1 = 274042			Recovery = 102.07%		
62) Chlorobenzene-d5	9.414	117	244532	10.000 ug/L	0.00
Standard Area 1 = 225349			Recovery = 108.51%		
83) 1,4-Dichlorobenzene-d4	12.146	152	136042	10.000 ug/L	0.00
Standard Area 1 = 119383			Recovery = 113.95%		
System Monitoring Compounds					
38) Dibromofluoromethane	5.076	113	90388	11.229 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 112.29%		
46) 1,2-Dichloroethane-d4	5.598	65	75049	10.469 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.69%		
63) Toluene-d8	7.576	98	289270	9.373 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.73%		
87) 4-Bromofluorobenzene	10.922	95	99108	8.954 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 89.54%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.585	85	44553	11.009 ug/L	99
3) Chloromethane	1.766	50	48530	12.415 ug/L	98
4) Vinyl chloride	1.836	62	35288	9.097 ug/L	99
5) Bromomethane	2.134	94	23759	8.629 ug/L	99
6) Chloroethane	2.244	64	17835	6.479 ug/L	97
7) Trichlorofluoromethane	2.385	101	61924	11.968 ug/L	98
8) Ethyl ether	2.676	74	13346	10.127 ug/L	97
10) 1,1-Dichloroethene	2.864	96	35844	11.960 ug/L	94
11) Carbon disulfide	2.895	76	98536	11.410 ug/L	100
15) Methylene chloride	3.405	84	38485	10.833 ug/L	97
17) Acetone	3.437	43	6317	10.136 ug/L	100
18) trans-1,2-Dichloroethene	3.554	96	38973	11.531 ug/L	99
21) Methyl tert-butyl ether	3.648	73	66101	10.356 ug/L	99
25) 1,1-Dichloroethane	4.127	63	63989	10.856 ug/L	98
27) Acrylonitrile	4.166	53	7403	10.072 ug/L	96
29) Vinyl acetate	4.355	43	64167	10.404 ug/L	99
30) cis-1,2-Dichloroethene	4.637	96	43190	11.325 ug/L	99
31) 2,2-Dichloropropane	4.739	77	52753	11.864 ug/L	100
32) Bromochloromethane	4.825	128	25669	12.966 ug/L	89
34) Chloroform	4.896	83	65669	10.839 ug/L	98

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A05.D
Acq On : 12 Mar 2025 08:35 am
Operator : VOA122:PID
Sample : WG2039694-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 09:09:57 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Carbon tetrachloride	5.037	117	62010	12.231	ug/L	98
39) 1,1,1-Trichloroethane	5.100	97	63706	12.260	ug/L	99
41) 2-Butanone	5.186	43	11129	12.122	ug/L	99
42) 1,1-Dichloropropene	5.225	75	46690	11.755	ug/L	96
44) Benzene	5.465	78	129503	10.091	ug/L	98
47) 1,2-Dichloroethane	5.661	62	46061	11.373	ug/L	100
51) Trichloroethene	6.059	95	40963	11.209	ug/L	91
53) Dibromomethane	6.491	93	16784	11.329	ug/L	93
54) 1,2-Dichloropropane	6.596	63	32853	10.364	ug/L	97
57) Bromodichloromethane	6.672	83	50690	11.178	ug/L	97
60) 1,4-Dioxane	6.881	88	10937	532.148	ug/L	99
61) cis-1,3-Dichloropropene	7.360	75	49734	10.734	ug/L	94
64) Toluene	7.631	92	92713	10.054	ug/L	97
65) 4-Methyl-2-pentanone	8.062	58	5172	7.494	ug/L	88
66) Tetrachloroethene	8.076	166	48569	10.951	ug/L	96
68) trans-1,3-Dichloropropene	8.104	75	41486	8.870	ug/L	96
71) 1,1,2-Trichloroethane	8.292	83	21453	9.068	ug/L	96
72) Chlorodibromomethane	8.500	129	43013	11.267	ug/L	98
73) 1,3-Dichloropropane	8.611	76	42909	9.204	ug/L	98
74) 1,2-Dibromoethane	8.778	107	29802	10.218	ug/L	99
76) 2-Hexanone	9.071	43	10377	8.456	ug/L	95
77) Chlorobenzene	9.435	112	123549	10.659	ug/L	94
78) Ethylbenzene	9.477	91	177341	10.114	ug/L	97
79) 1,1,1,2-Tetrachloroethane	9.519	131	42719	10.987	ug/L	99
80) p/m Xylene	9.667	106	148854	21.334	ug/L	95
81) o Xylene	10.214	106	146008	21.213	ug/L	90
82) Styrene	10.277	104	230214	20.497	ug/L	98
84) Bromoform	10.291	173	24114	9.607	ug/L	97
86) Isopropylbenzene	10.606	105	185907	10.204	ug/L	97
88) Bromobenzene	11.034	156	56710	11.076	ug/L	98
89) n-Propylbenzene	11.090	91	192199	9.386	ug/L	95
91) 1,1,2,2-Tetrachloroethane	11.174	83	30908	8.616	ug/L	98
92) 4-Ethyltoluene	11.216	105	174529	10.113	ug/L	96
93) 2-Chlorotoluene	11.252	91	124484M6	9.531	ug/L	
94) 1,3,5-Trimethylbenzene	11.322	105	144595	10.013	ug/L	95
95) 1,2,3-Trichloropropane	11.308	75	22920	8.378	ug/L	90
96) trans-1,4-Dichloro-2-b...	11.364	53	8506	8.967	ug/L	95
97) 4-Chlorotoluene	11.441	91	128760	9.588	ug/L	91
98) tert-Butylbenzene	11.665	119	154401	10.660	ug/L	96

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A05.D
Acq On : 12 Mar 2025 08:35 am
Operator : VOA122:PID
Sample : WG2039694-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 09:09:57 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA122\2025\250312A\V22250312A04.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
101) 1,2,4-Trimethylbenzene	11.742	105	167257	10.162	ug/L	99
102) sec-Butylbenzene	11.854	105	168641	10.090	ug/L	96
103) p-Isopropyltoluene	12.014	119	156245	10.695	ug/L	97
104) 1,3-Dichlorobenzene	12.069	146	110828	11.081	ug/L	97
105) 1,4-Dichlorobenzene	12.160	146	110998	10.938	ug/L	95
106) p-Diethylbenzene	12.390	119	88652	10.469	ug/L	95
107) n-Butylbenzene	12.445	91	108051	9.569	ug/L	97
108) 1,2-Dichlorobenzene	12.584	146	102203	10.818	ug/L	97
109) 1,2,4,5-Tetramethylben...	13.190	119	136986	10.359	ug/L	98
110) 1,2-Dibromo-3-chloropr...	13.371	155	5913	9.884	ug/L	92
112) Hexachlorobutadiene	13.991	225	19905	11.381	ug/L	98
113) 1,2,4-Trichlorobenzene	14.004	180	61809	11.066	ug/L	99
114) Naphthalene	14.297	128	133251	10.846	ug/L	100
115) 1,2,3-Trichlorobenzene	14.471	180	55759	11.379	ug/L	99

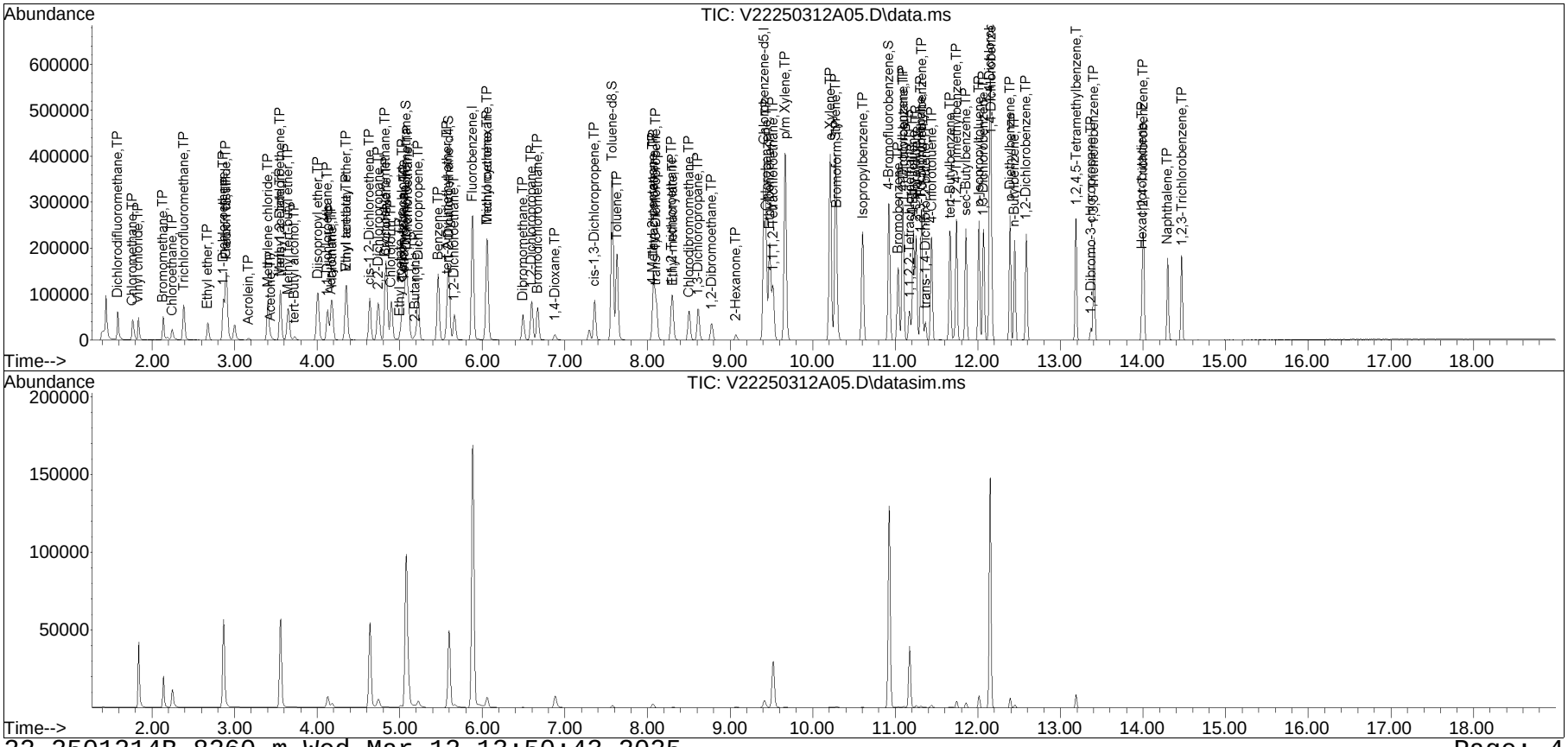
(#) = qualifier out of range (m) = manual integration (+) = signals summed

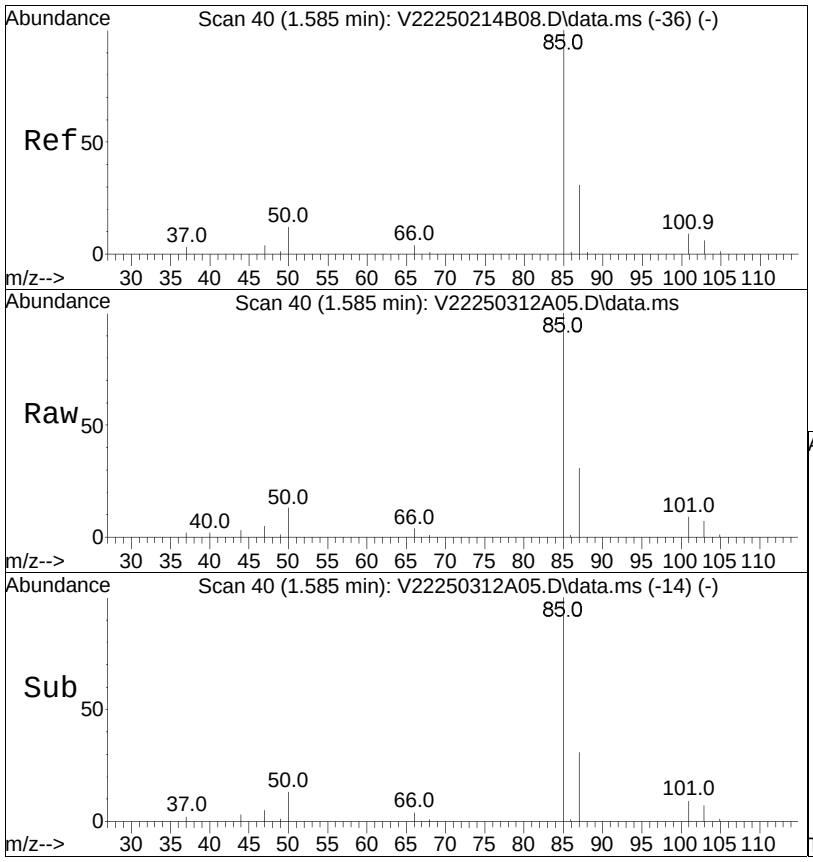
Quantitation Report (QT Reviewed)

Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A05.D
Acq On : 12 Mar 2025 08:35 am
Operator : VOA122:PID
Sample : WG2039694-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039694,ICAL21992 (Sig #1); WG,ICAL21992 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 09:09:57 2025
Quant Method : K:\VOA122\2025\250312A\V122_2501214B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 17 06:27:48 2025
Response via : Initial Calibration

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

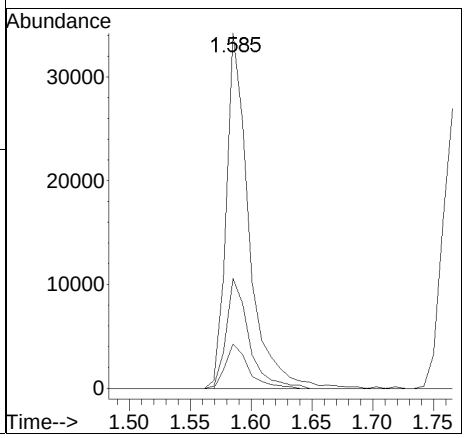


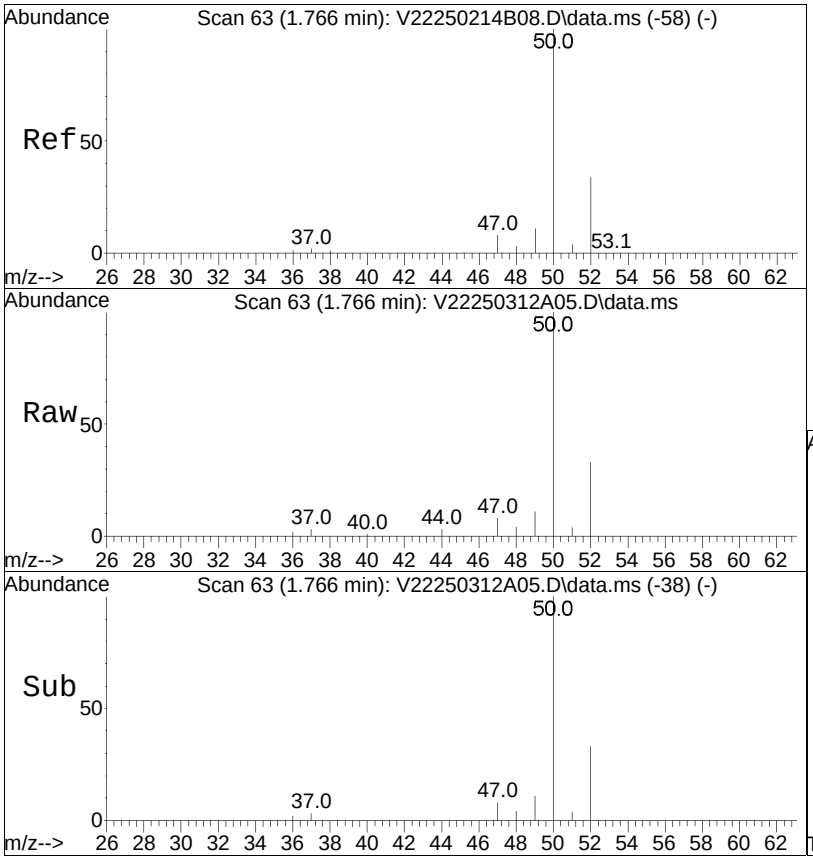


#2
Dichlorodifluoromethane
Concen: 11.01 ug/L
RT: 1.585 min Scan# 40
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 85 Resp: 44553

Ion	Ratio	Lower	Upper
85	100		
87	31.0	20.3	42.1
50	12.6	7.8	16.2

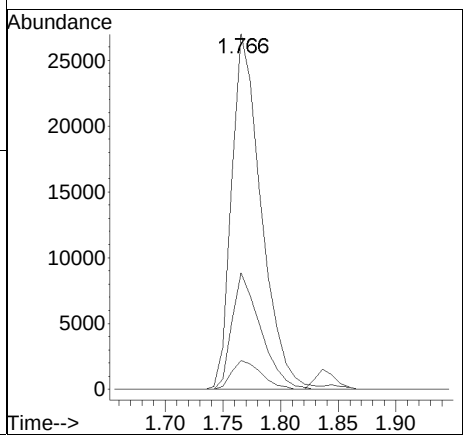


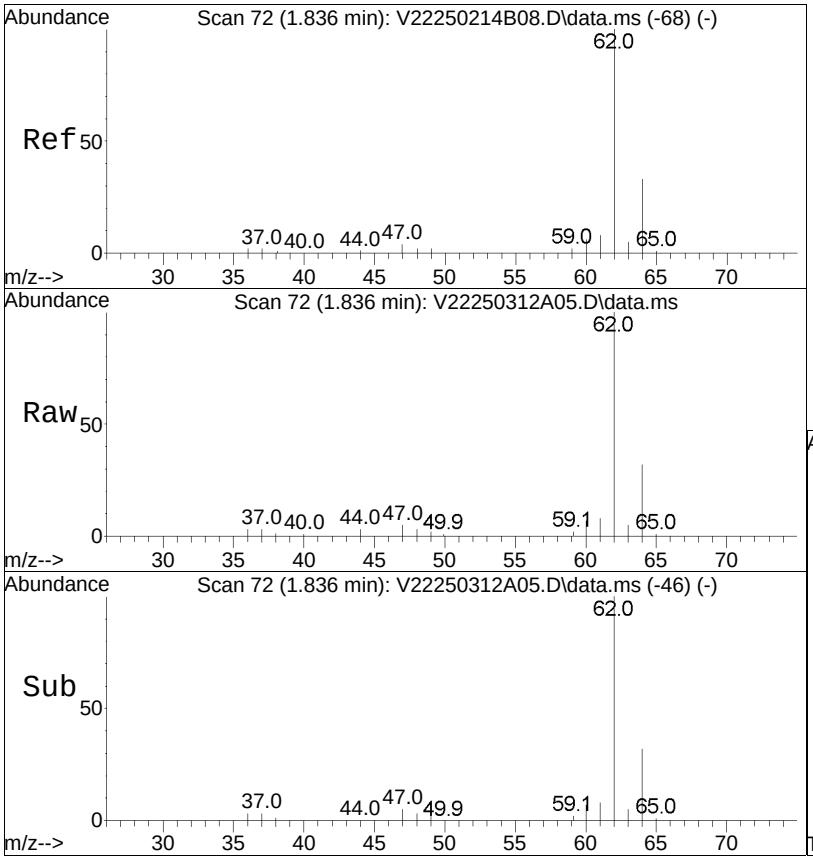


#3
Chloromethane
Concen: 12.41 ug/L
RT: 1.766 min Scan# 63
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 50 Resp: 48530

Ion	Ratio	Lower	Upper
50	100		
52	31.6	13.2	53.2
47	8.1	0.0	28.2

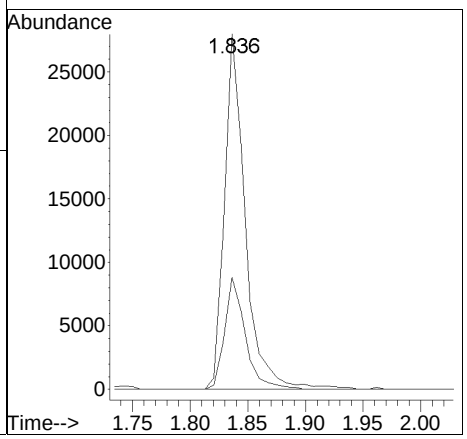


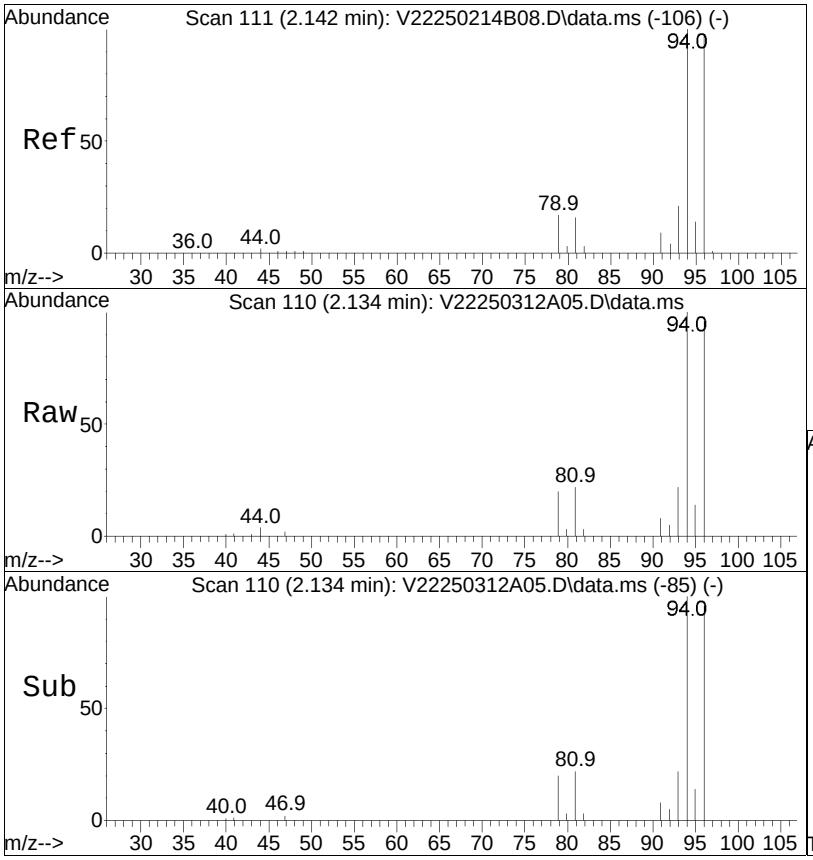


#4
Vinyl chloride
Concen: 9.10 ug/L
RT: 1.836 min Scan# 72
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 62 Resp: 35288

Ion	Ratio	Lower	Upper
62	100		
64	31.2	11.9	51.9

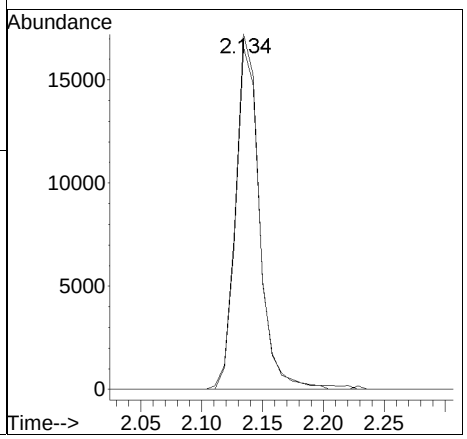


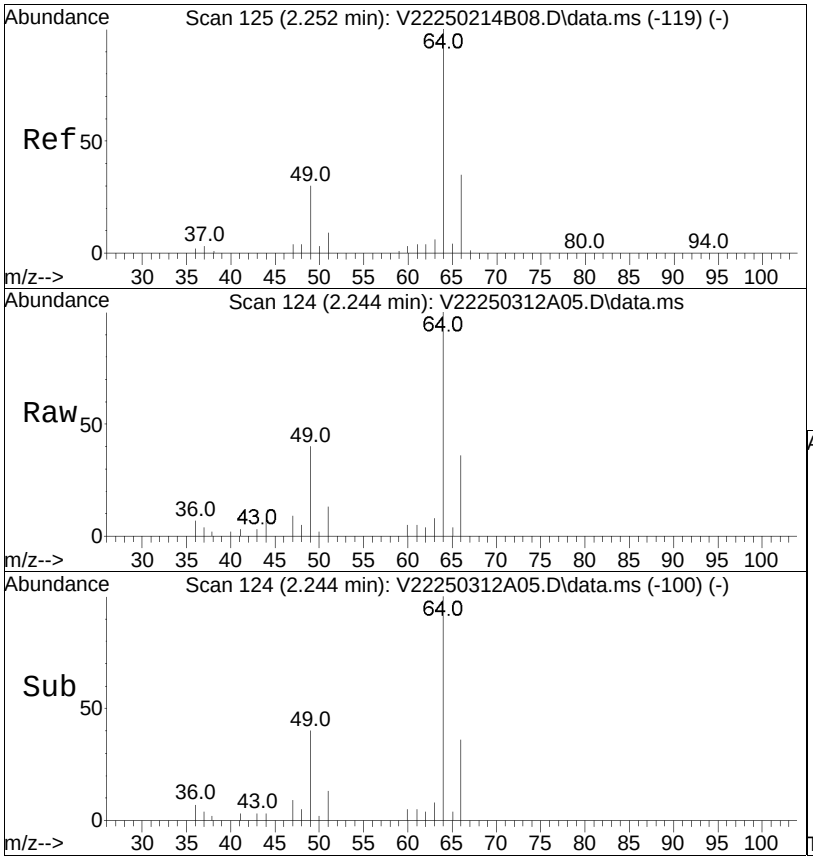


#5
Bromomethane
Concen: 8.63 ug/L
RT: 2.134 min Scan# 110
Delta R.T. -0.008 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 94 Resp: 23759

Ion	Ratio	Lower	Upper
94	100		
96	95.4	76.8	116.8

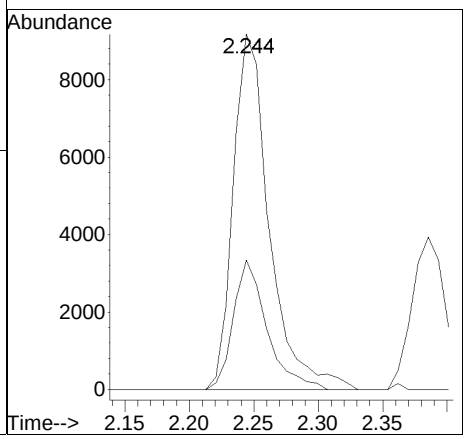


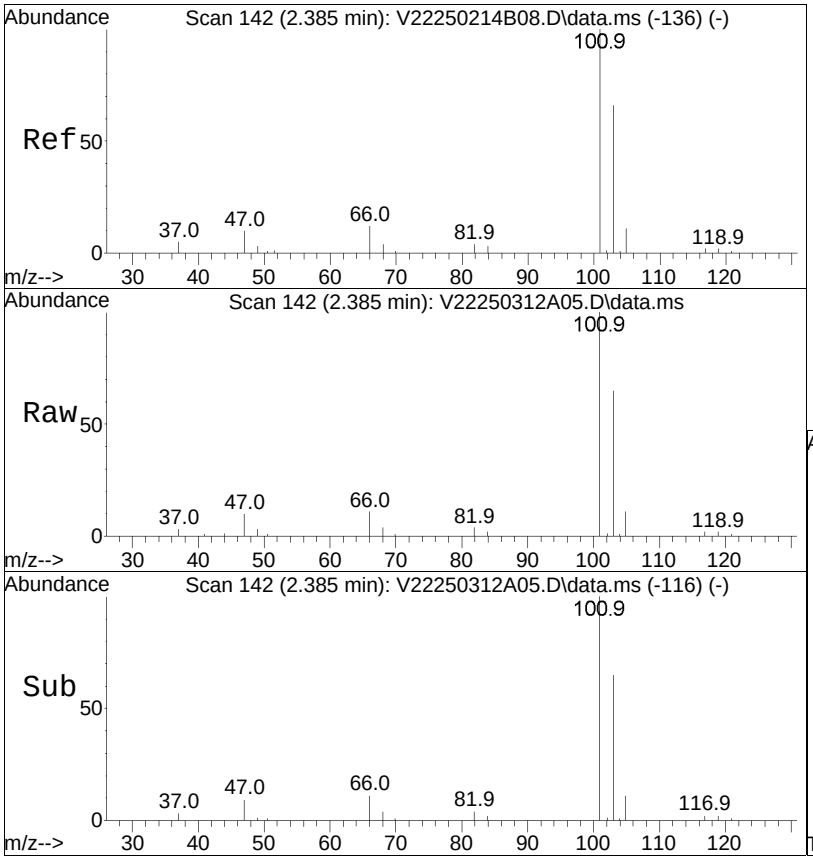


#6
Chloroethane
Concen: 6.48 ug/L
RT: 2.244 min Scan# 124
Delta R.T. -0.008 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 64 Resp: 17835

Ion	Ratio	Lower	Upper
64	100		
66	34.0	12.5	52.5

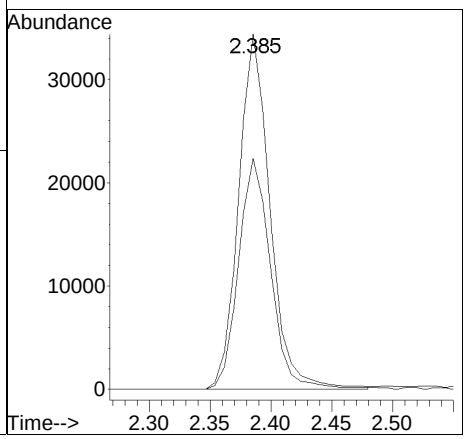


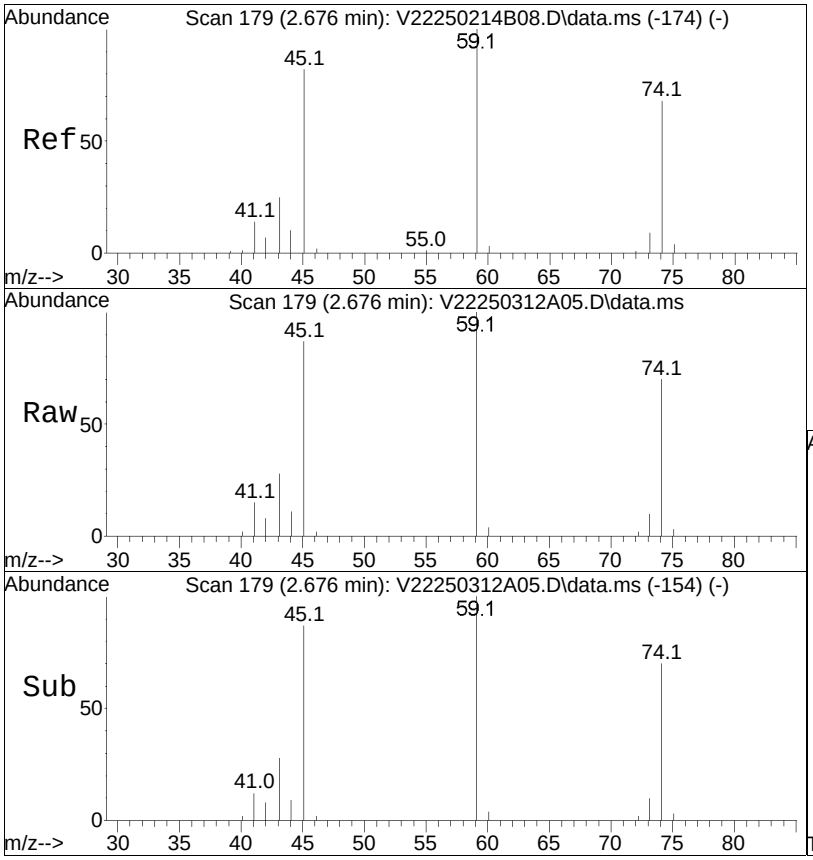


#7
Trichlorofluoromethane
Concen: 11.97 ug/L
RT: 2.385 min Scan# 142
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:101 Resp: 61924

Ion	Ratio	Lower	Upper
101	100		
103	66.6	52.2	78.4

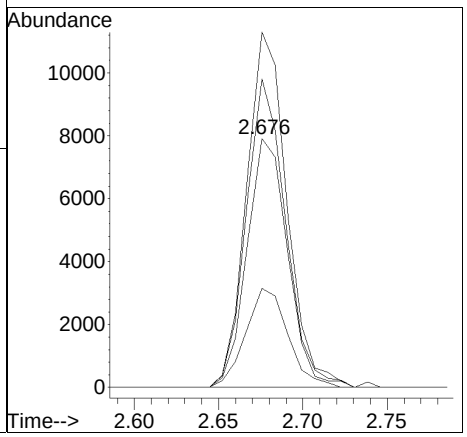


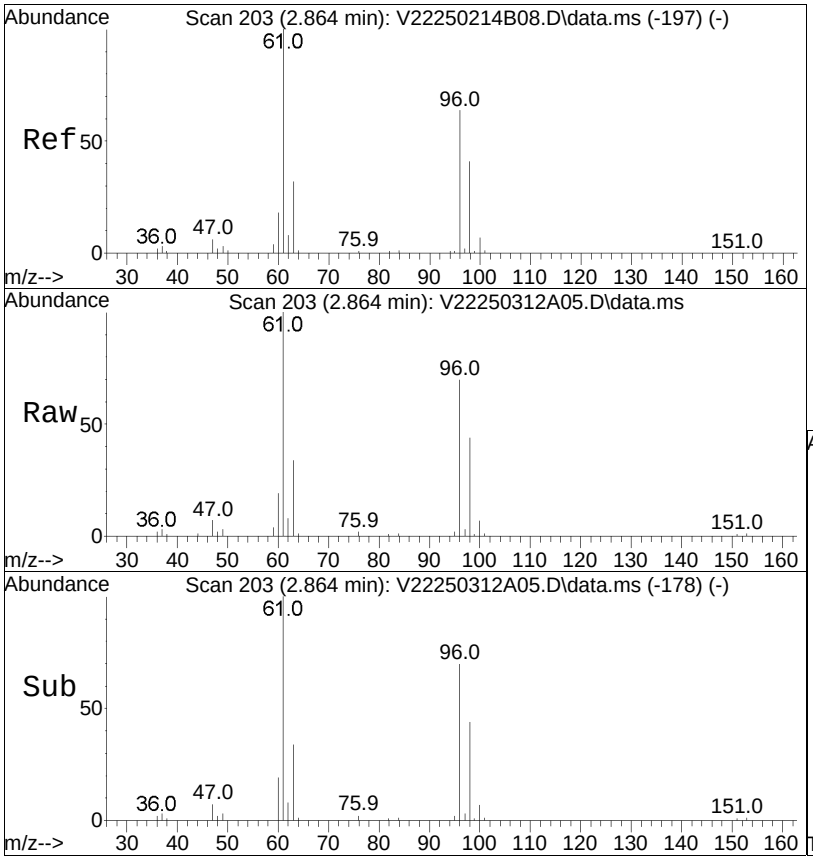


#8
Ethyl ether
Concen: 10.13 ug/L
RT: 2.676 min Scan# 179
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 74 Resp: 13346

Ion	Ratio	Lower	Upper
74	100		
59	141.8	91.3	189.5
45	119.8	75.1	156.1
43	41.4	25.2	52.2

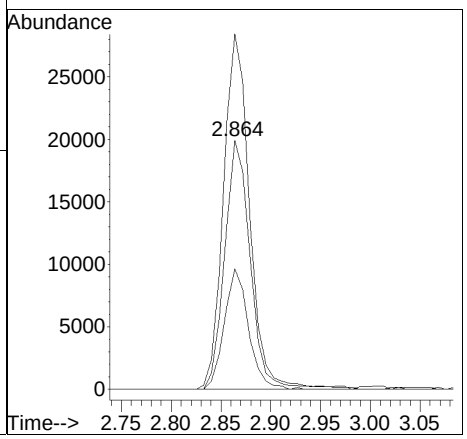


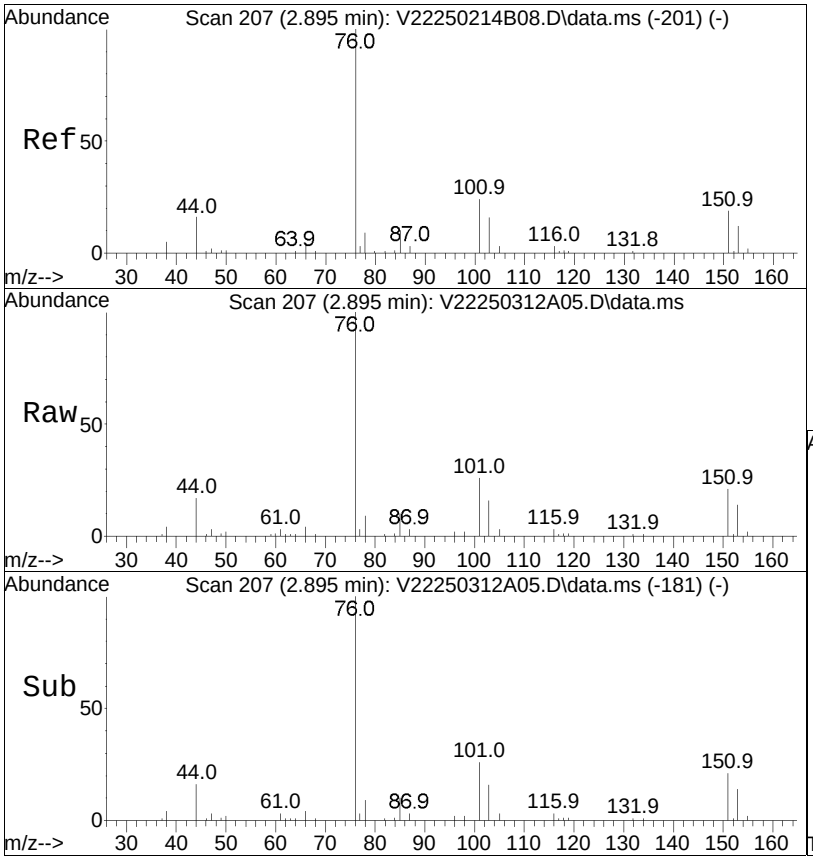


#10
1,1-Dichloroethene
Concen: 11.96 ug/L
RT: 2.864 min Scan# 203
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 96 Resp: 35844

Ion	Ratio	Lower	Upper
96	100		
61	145.0	122.2	183.4
63	45.7	39.7	59.5

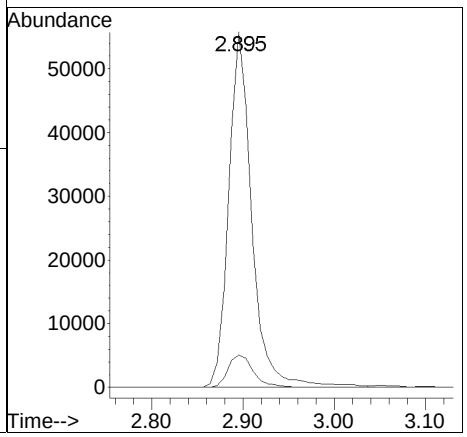


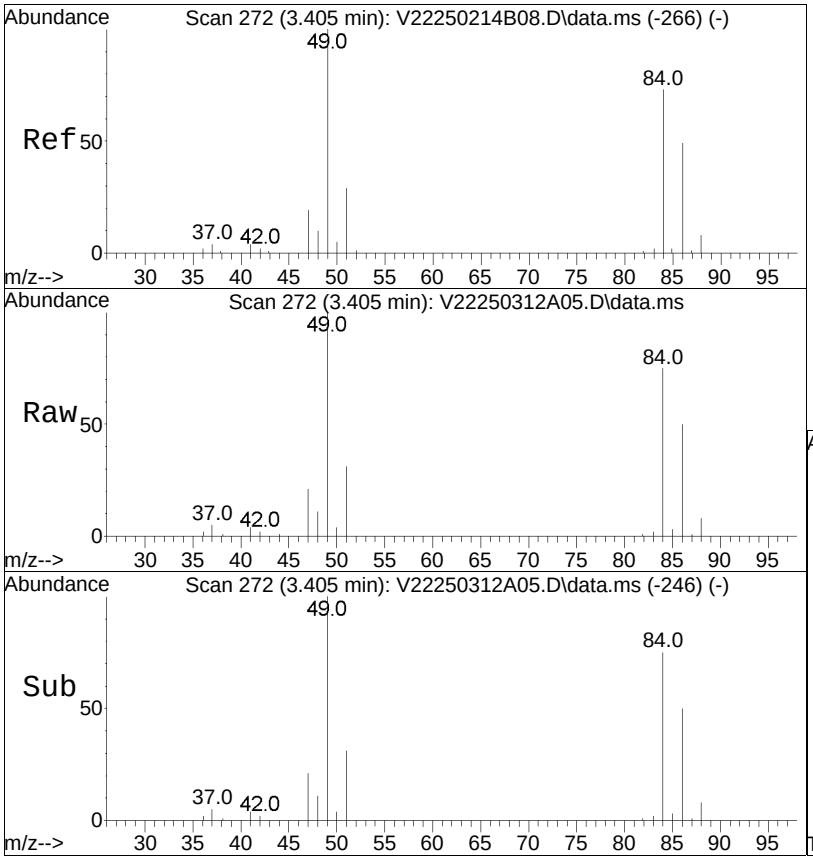


#11
Carbon disulfide
Concen: 11.41 ug/L
RT: 2.895 min Scan# 207
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 76 Resp: 98536

Ion	Ratio	Lower	Upper
76	100		
78	10.0	6.4	13.2

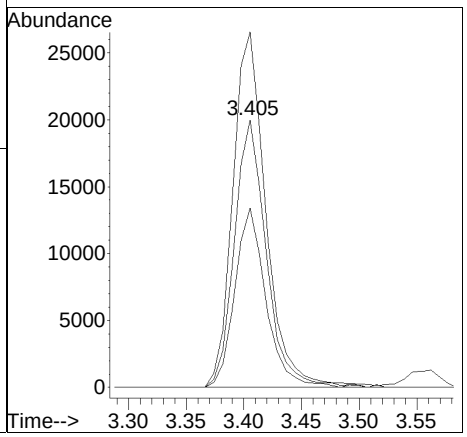


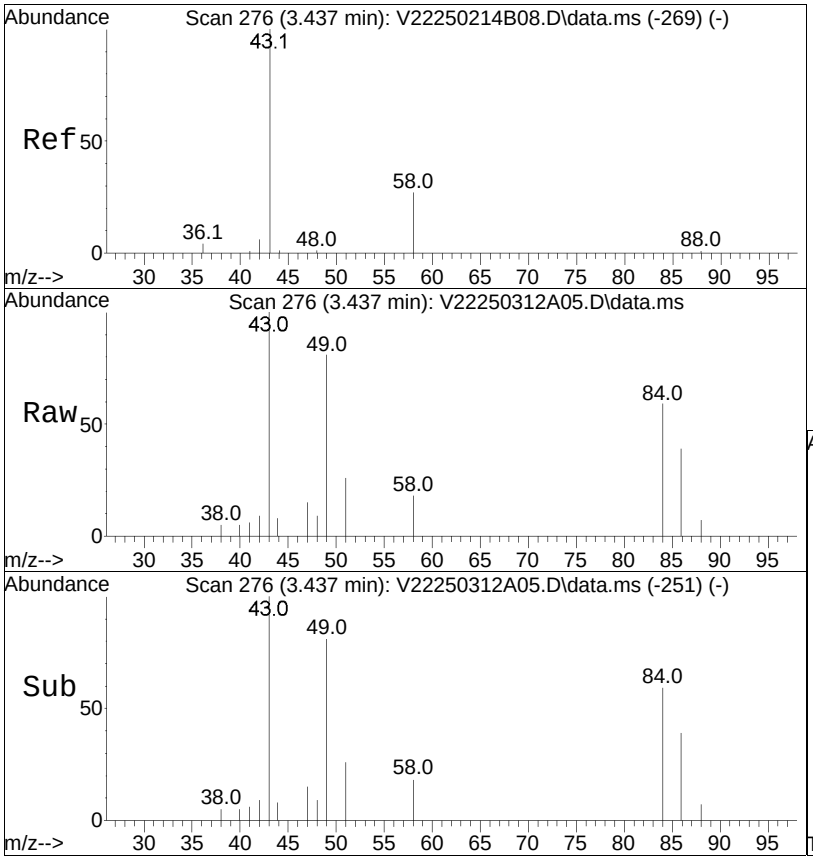


#15
Methylene chloride
Concen: 10.83 ug/L
RT: 3.405 min Scan# 272
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 84 Resp: 38485

Ion	Ratio	Lower	Upper
84	100		
86	65.4	43.4	90.0
49	138.0	87.2	181.0

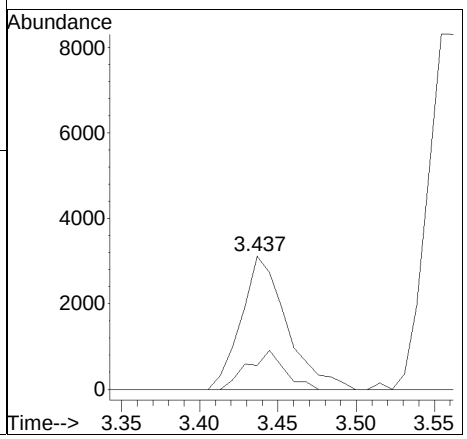


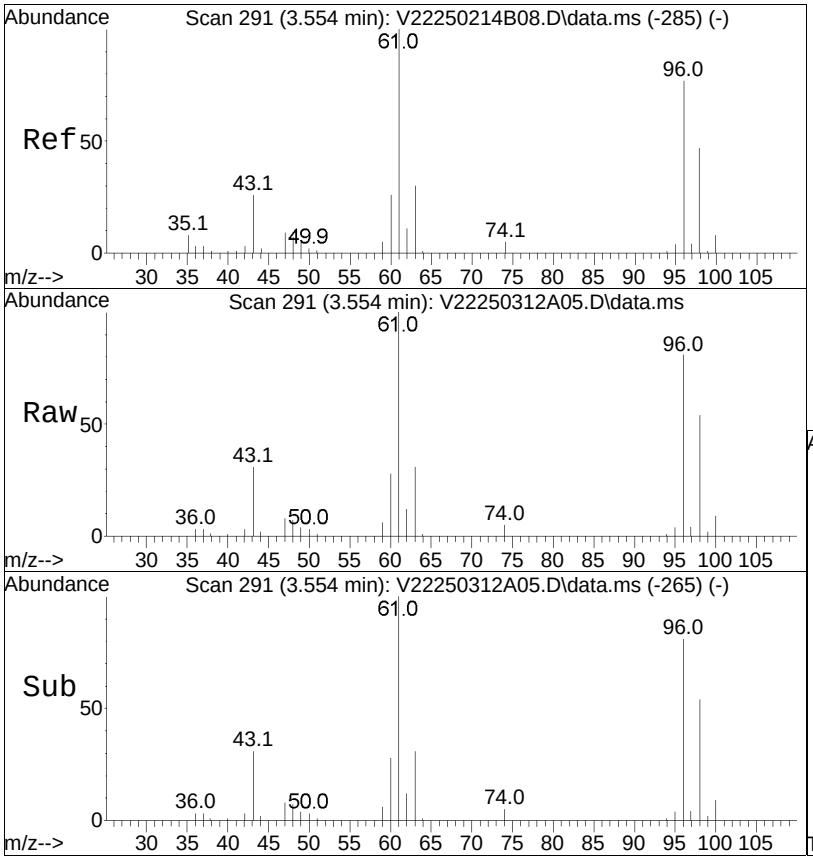


#17
Acetone
Concen: 10.14 ug/L
RT: 3.437 min Scan# 276
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 43 Resp: 6317

Ion	Ratio	Lower	Upper
43	100		
58	23.8	19.1	28.7

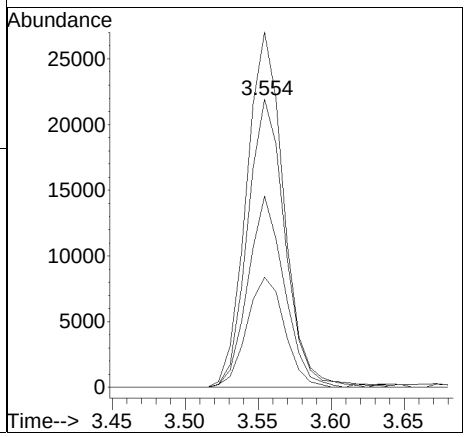


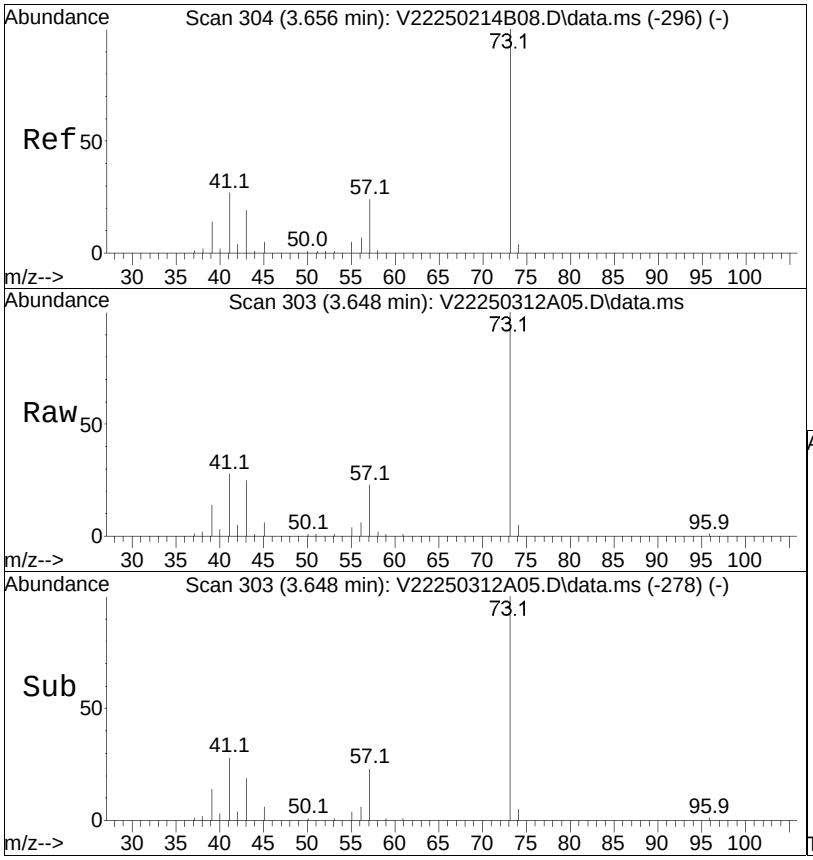


#18
trans-1,2-Dichloroethene
Concen: 11.53 ug/L
RT: 3.554 min Scan# 291
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 96 Resp: 38973

Ion	Ratio	Lower	Upper
96	100		
61	124.6	81.9	170.1
98	64.7	41.1	85.3
63	38.9	25.7	53.3

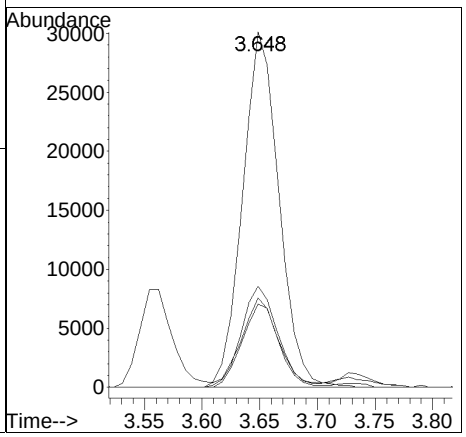


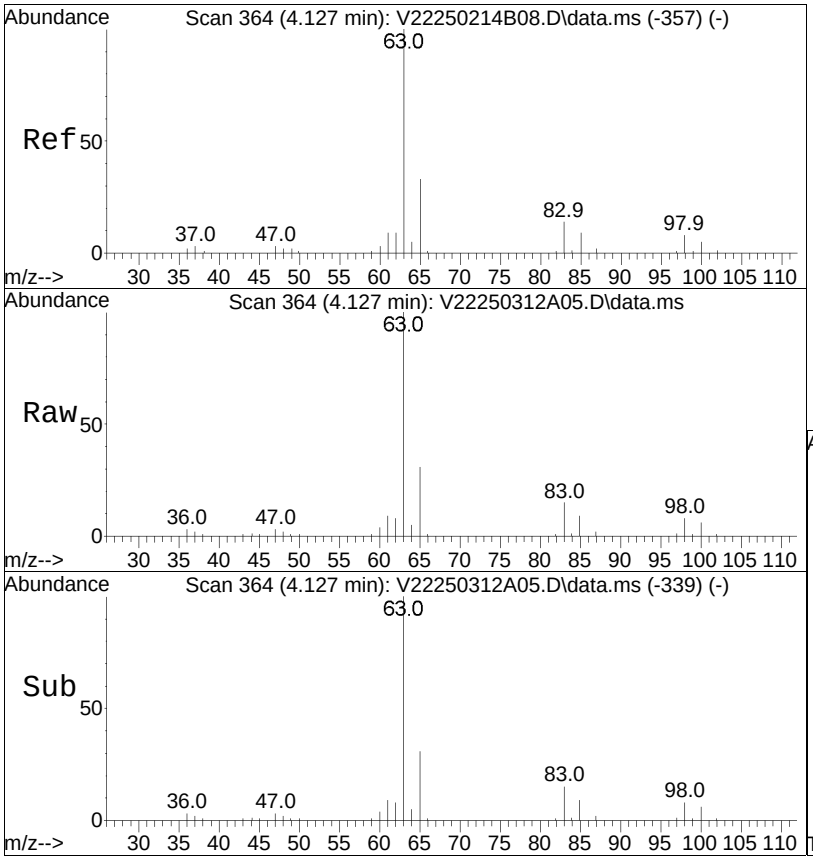


#21
Methyl tert-butyl ether
Concen: 10.36 ug/L
RT: 3.648 min Scan# 303
Delta R.T. -0.008 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 73 Resp: 66101

Ion	Ratio	Lower	Upper
73	100		
57	23.8	15.6	32.4
43	25.9	15.9	32.9
41	28.6	18.4	38.2

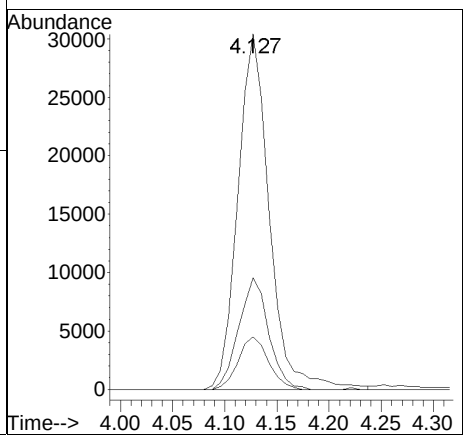


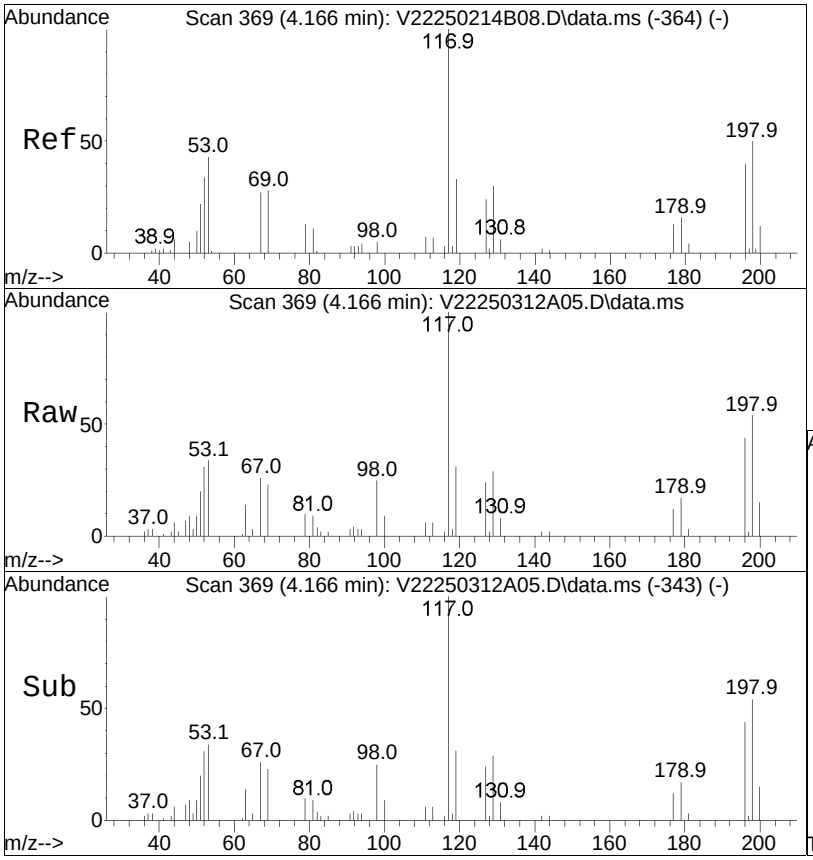


#25
1,1-Dichloroethane
Concen: 10.86 ug/L
RT: 4.127 min Scan# 364
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 63 Resp: 63989

Ion	Ratio	Lower	Upper
63	100		
65	29.6	11.3	51.3
83	14.2	0.0	33.7

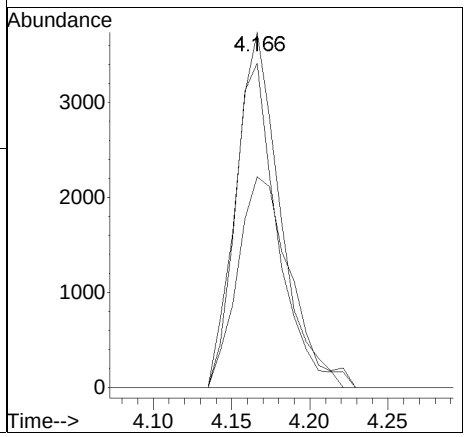


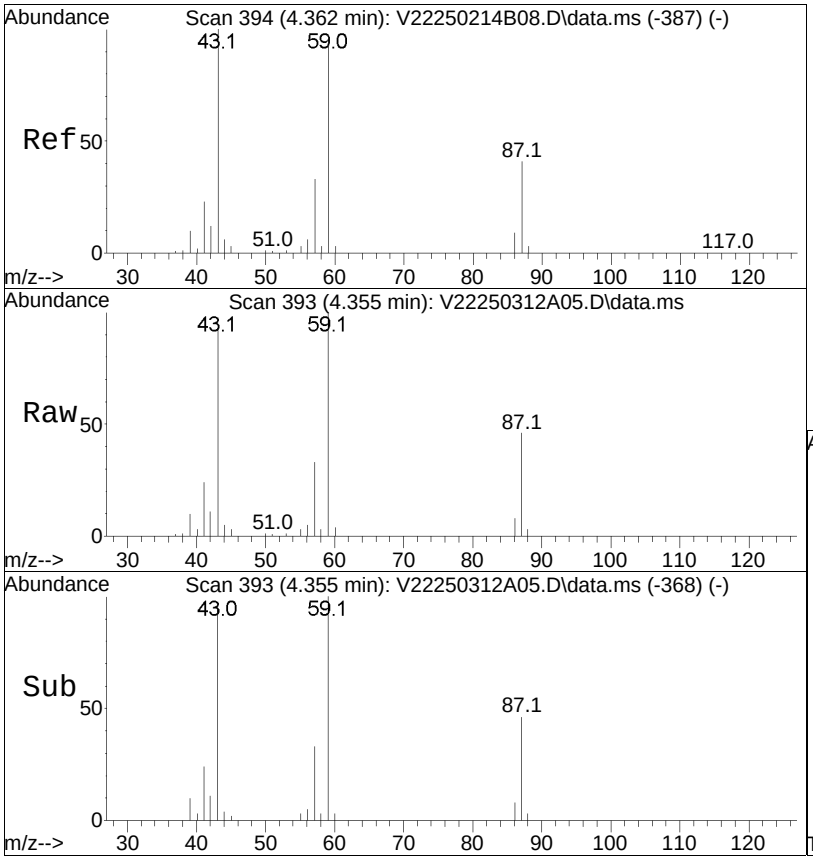


#27
Acrylonitrile
Concen: 10.07 ug/L
RT: 4.166 min Scan# 369
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 53 Resp: 7403

Ion	Ratio	Lower	Upper
53	100		
52	87.1	67.4	101.2
51	69.2	51.8	77.8

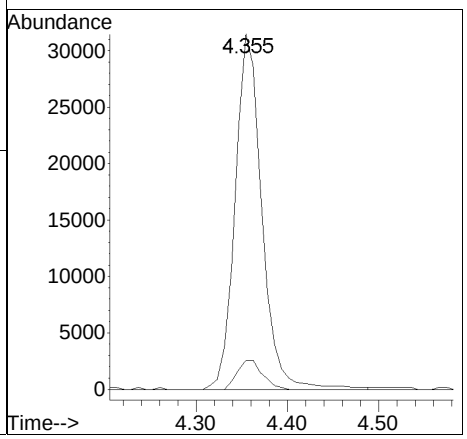


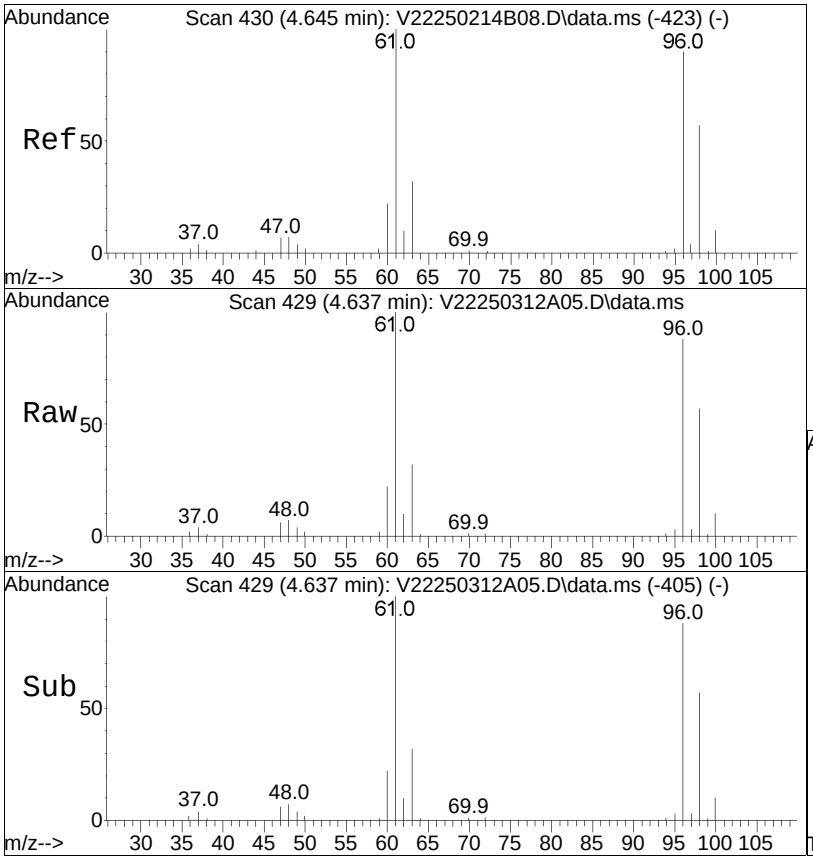


#29
Vinyl acetate
Concen: 10.40 ug/L
RT: 4.355 min Scan# 393
Delta R.T. -0.007 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 43 Resp: 64167

Ion	Ratio	Lower	Upper
43	100		
86	7.8	6.6	10.0

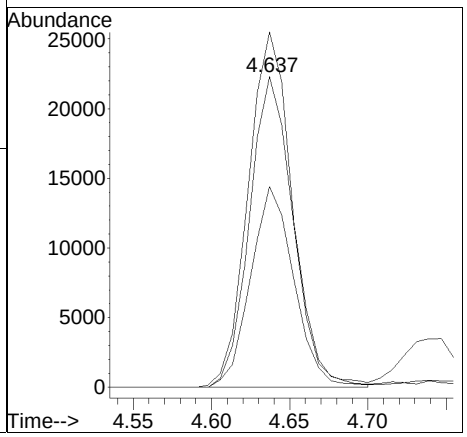


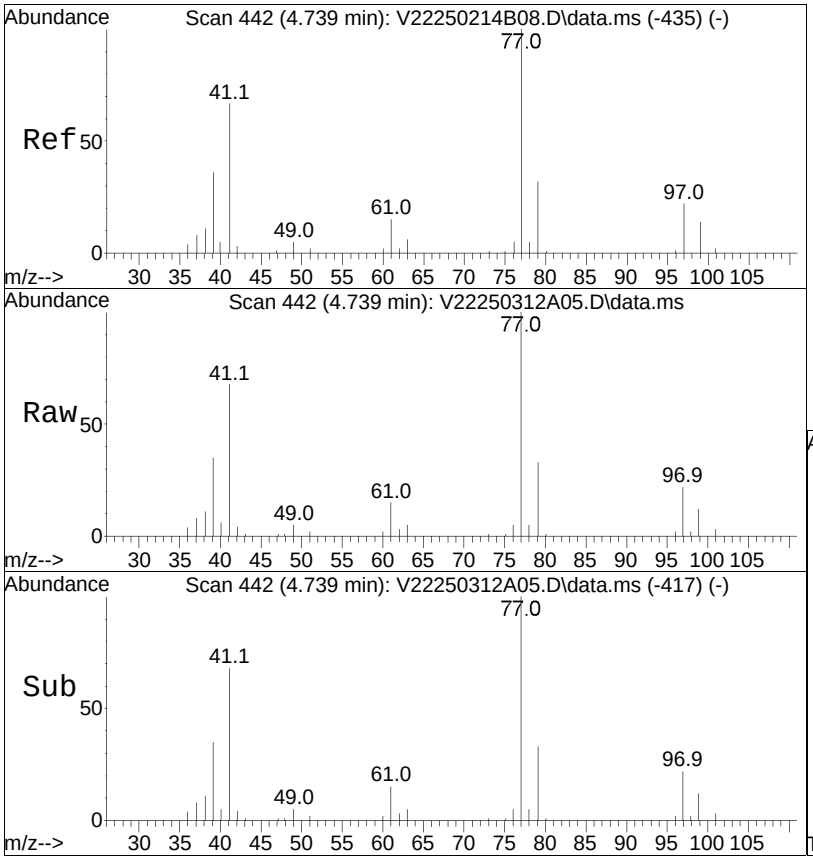


#30
cis-1,2-Dichloroethene
Concen: 11.32 ug/L
RT: 4.637 min Scan# 429
Delta R.T. -0.008 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 96 Resp: 43190

Ion	Ratio	Lower	Upper
96	100		
61	116.5	94.1	141.1
98	64.5	52.1	78.1

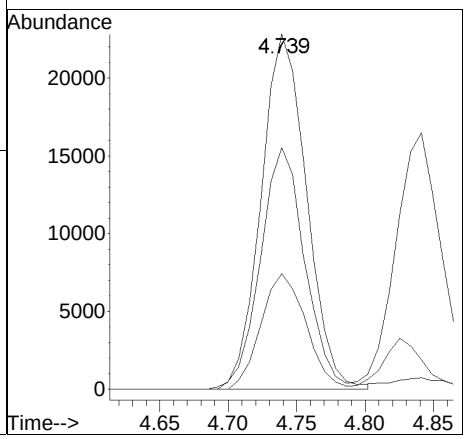


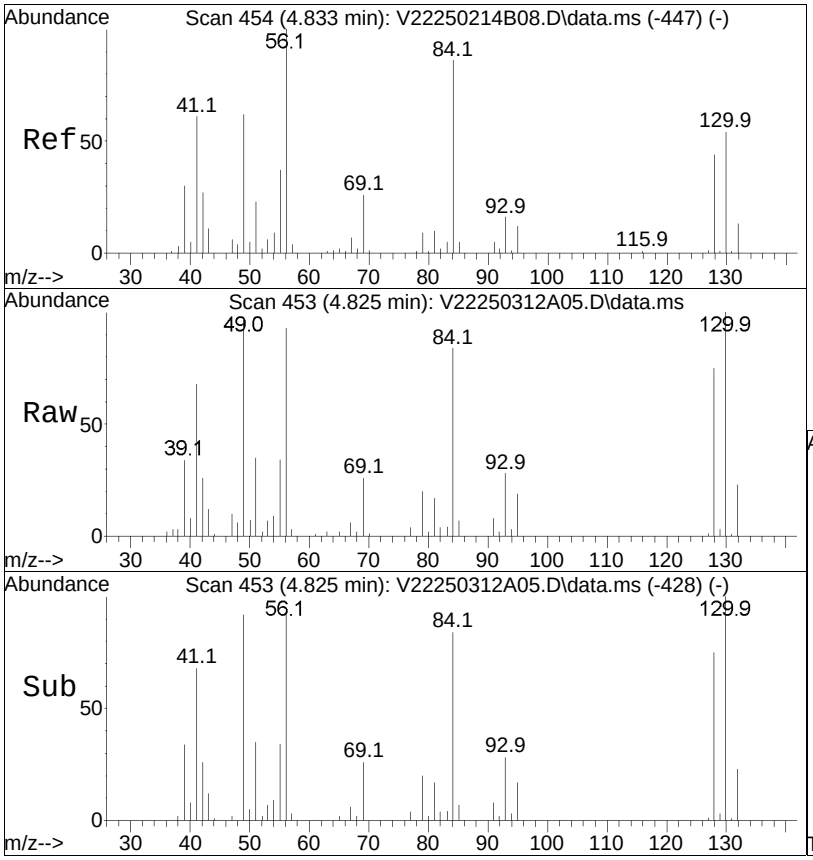


#31
2,2-Dichloropropane
Concen: 11.86 ug/L
RT: 4.739 min Scan# 442
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 77 Resp: 52753

Ion	Ratio	Lower	Upper
77	100		
41	66.2	43.0	89.4
79	32.2	21.1	43.9

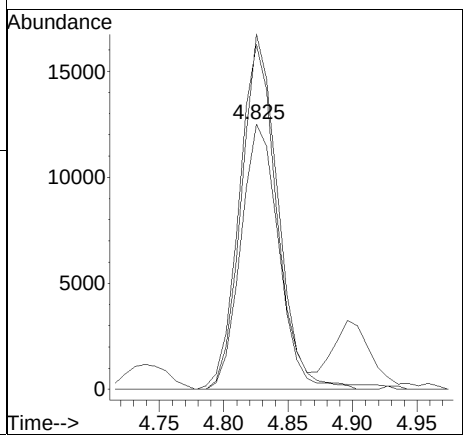


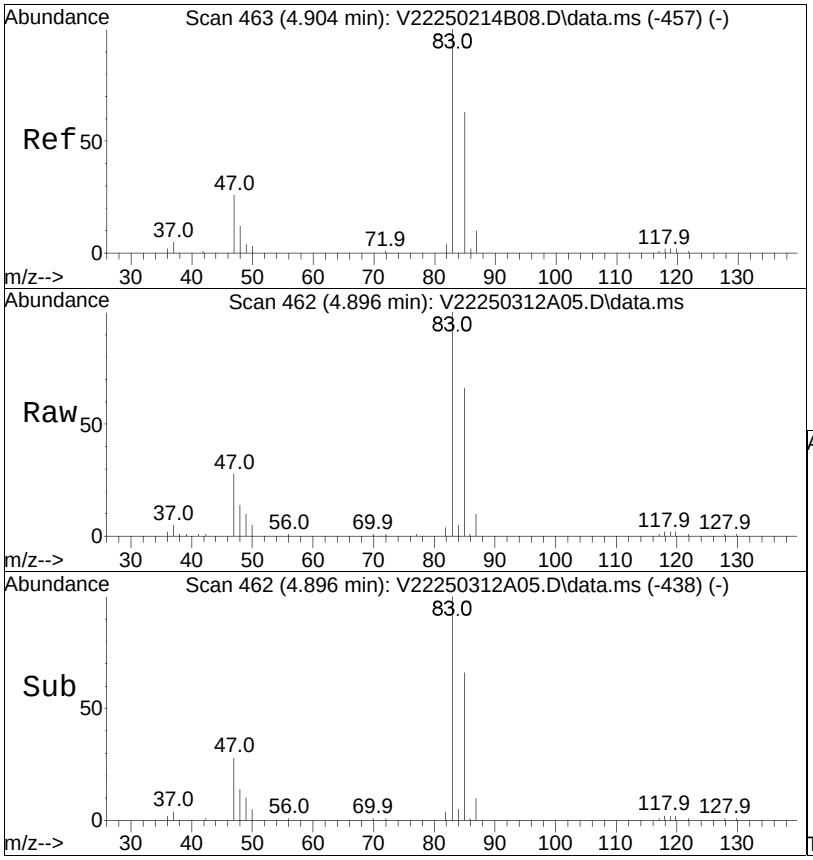


#32
Bromochloromethane
Concen: 12.97 ug/L
RT: 4.825 min Scan# 453
Delta R.T. -0.008 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:128 Resp: 25669

Ion	Ratio	Lower	Upper
128	100		
49	126.9	119.2	178.8
130	130.0	100.2	150.2

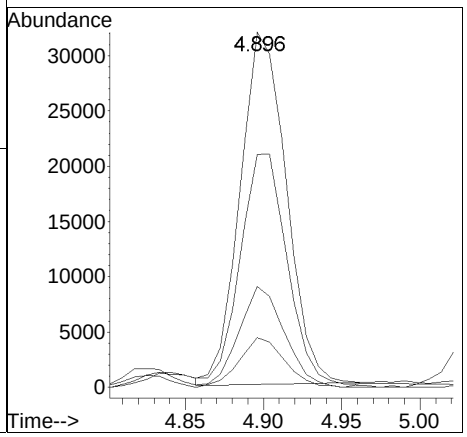


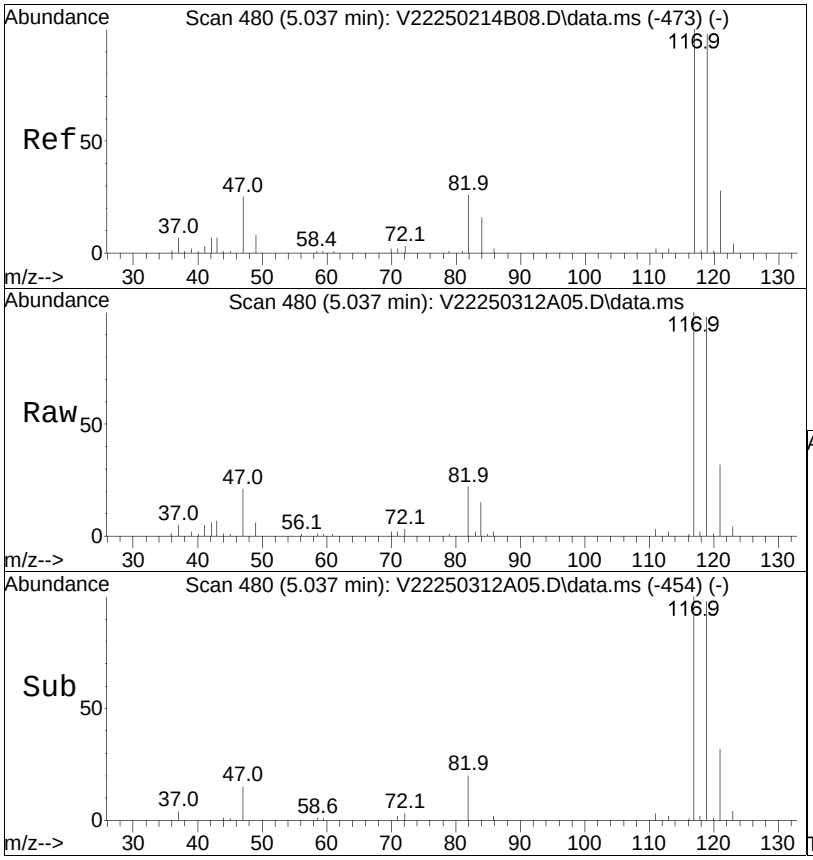


#34
Chloroform
Concen: 10.84 ug/L
RT: 4.896 min Scan# 462
Delta R.T. -0.008 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 83 Resp: 65669

Ion	Ratio	Lower	Upper
83	100		
85	66.3	42.5	88.3
47	28.2	17.2	35.6
48	14.0	8.6	17.8

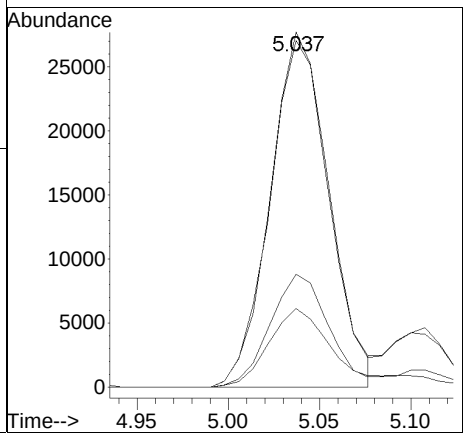


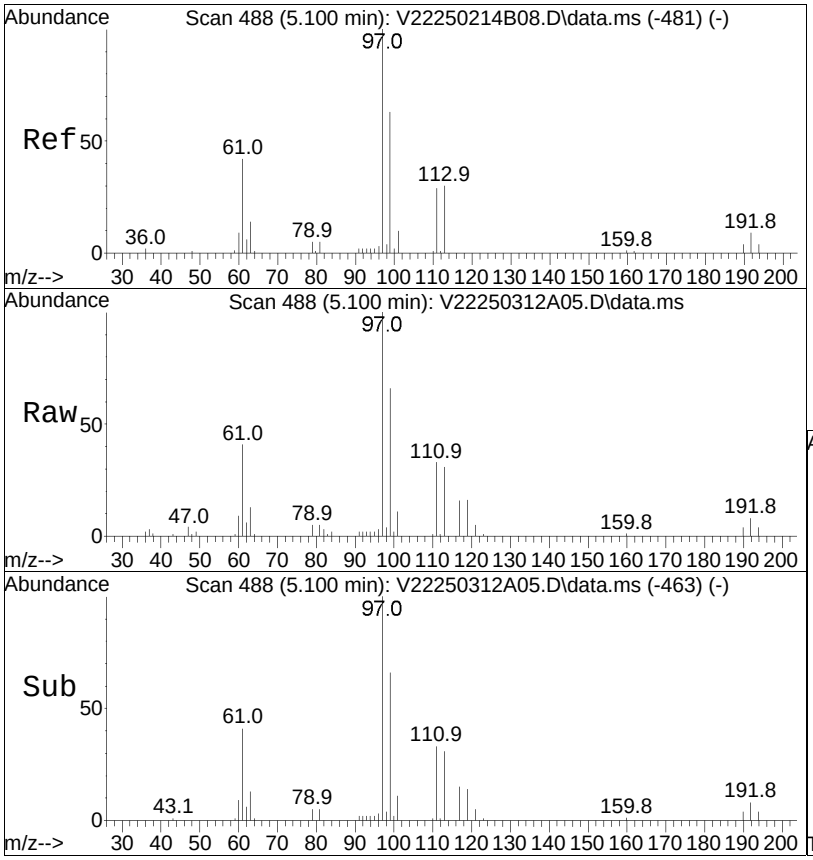


#36
Carbon tetrachloride
Concen: 12.23 ug/L
RT: 5.037 min Scan# 480
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:117 Resp: 62010

Ion	Ratio	Lower	Upper
117	100		
119	98.5	63.2	131.2
121	32.5	19.2	39.8
82	26.6	18.3	37.9

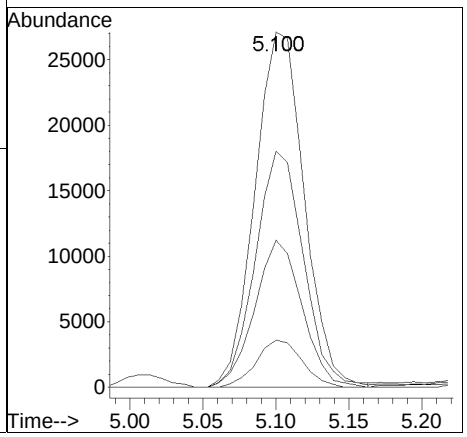


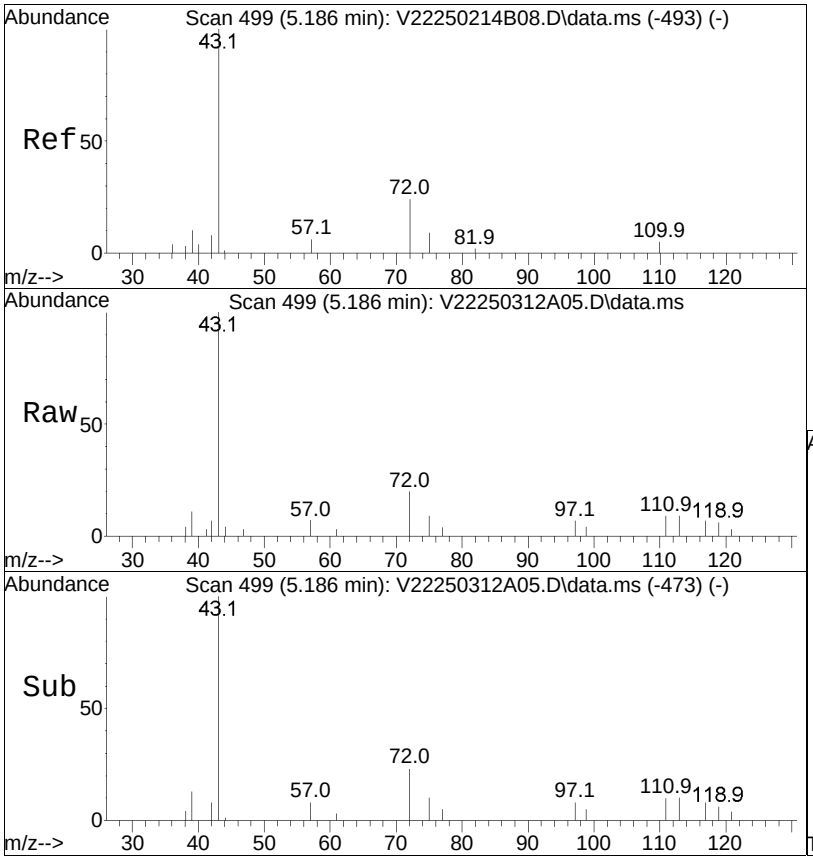


#39
1,1,1-Trichloroethane
Concen: 12.26 ug/L
RT: 5.100 min Scan# 488
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 97 Resp: 63706

Ion	Ratio	Lower	Upper
97	100		
99	65.1	42.0	87.2
61	39.9	26.9	55.9
63	12.5	8.8	18.4

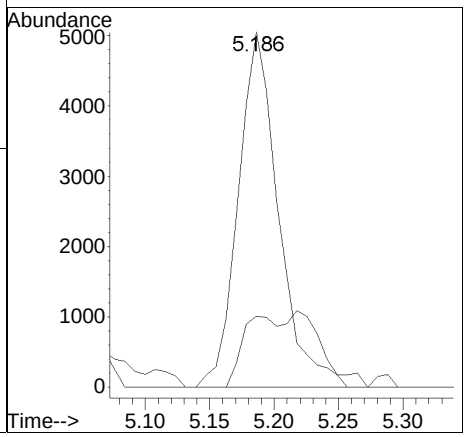


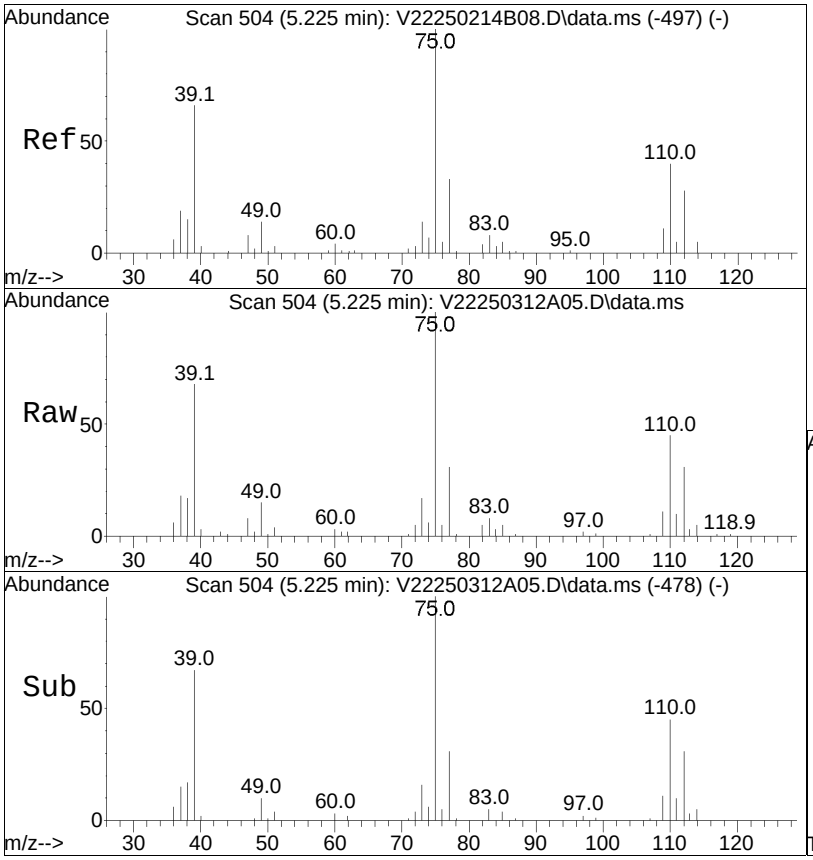


#41
2-Butanone
Concen: 12.12 ug/L
RT: 5.186 min Scan# 499
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 43 Resp: 11129

Ion	Ratio	Lower	Upper
43	100		
72	17.4	14.2	21.2

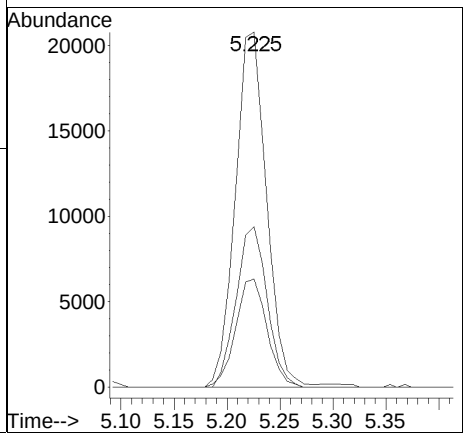


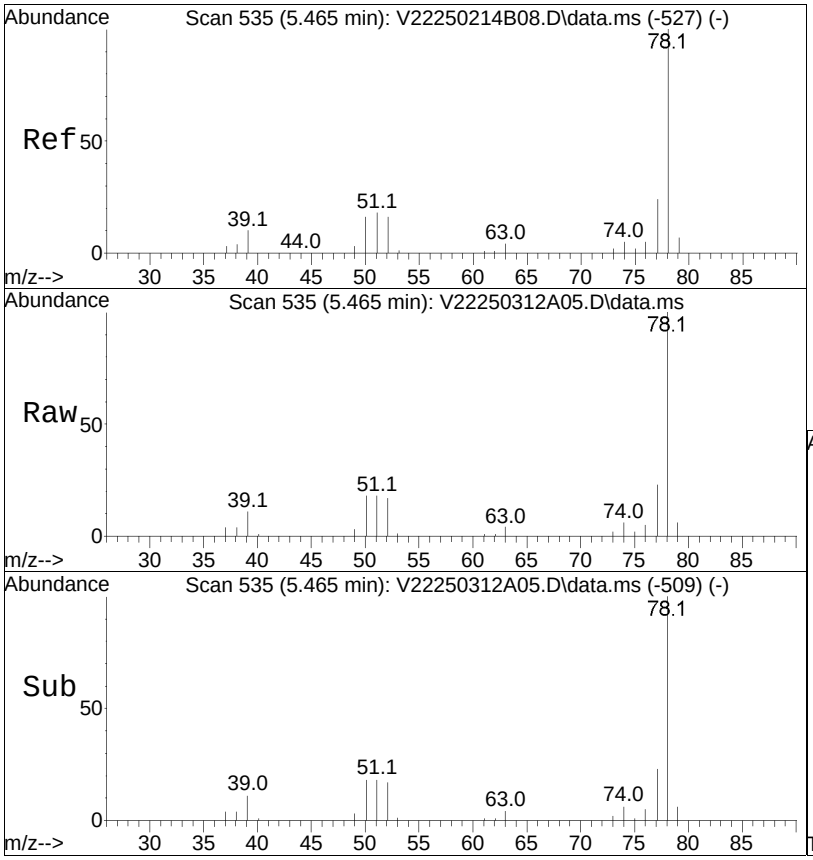


#42
1,1-Dichloropropene
Concen: 11.76 ug/L
RT: 5.225 min Scan# 504
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 75 Resp: 46690

Ion	Ratio	Lower	Upper
75	100		
110	41.2	26.1	54.3
77	28.2	20.9	43.5

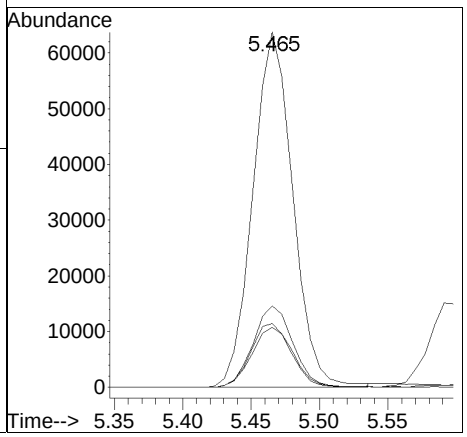


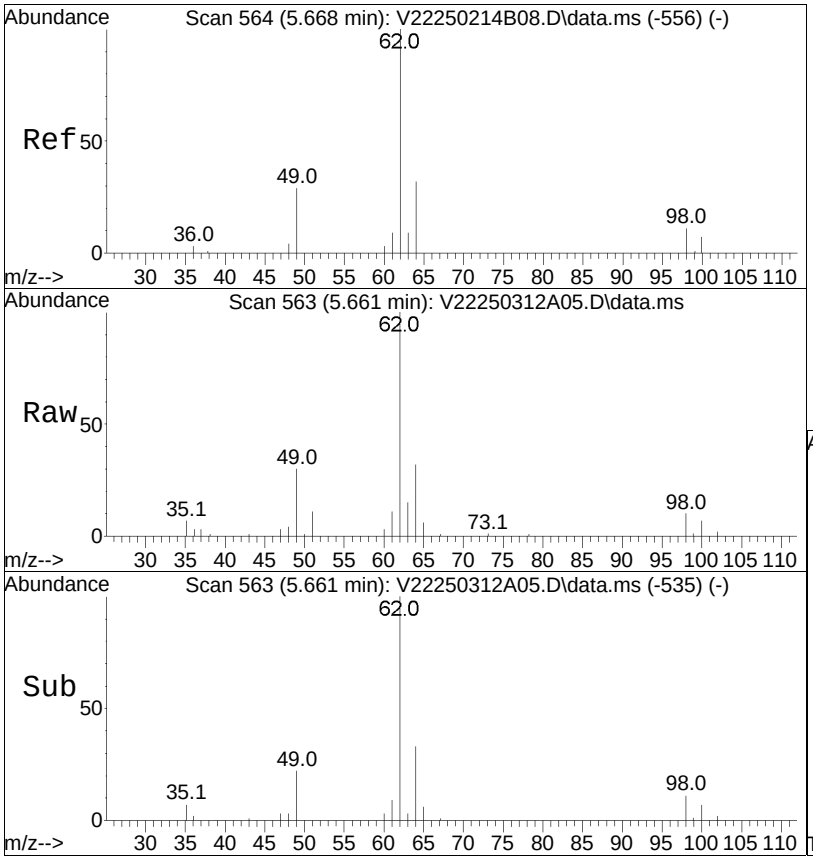


#44
Benzene
Concen: 10.09 ug/L
RT: 5.465 min Scan# 535
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 78 Resp: 129503

Ion	Ratio	Lower	Upper
78	100		
77	23.1	15.3	31.9
51	18.7	11.7	24.3
52	17.1	10.6	22.0

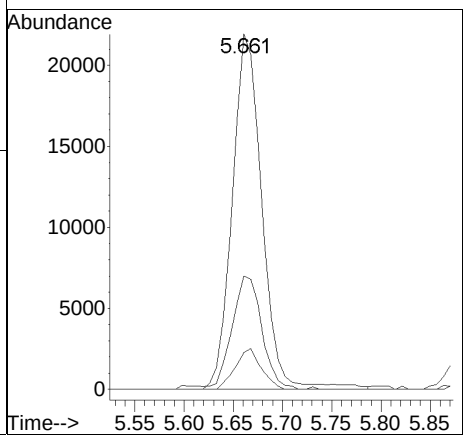


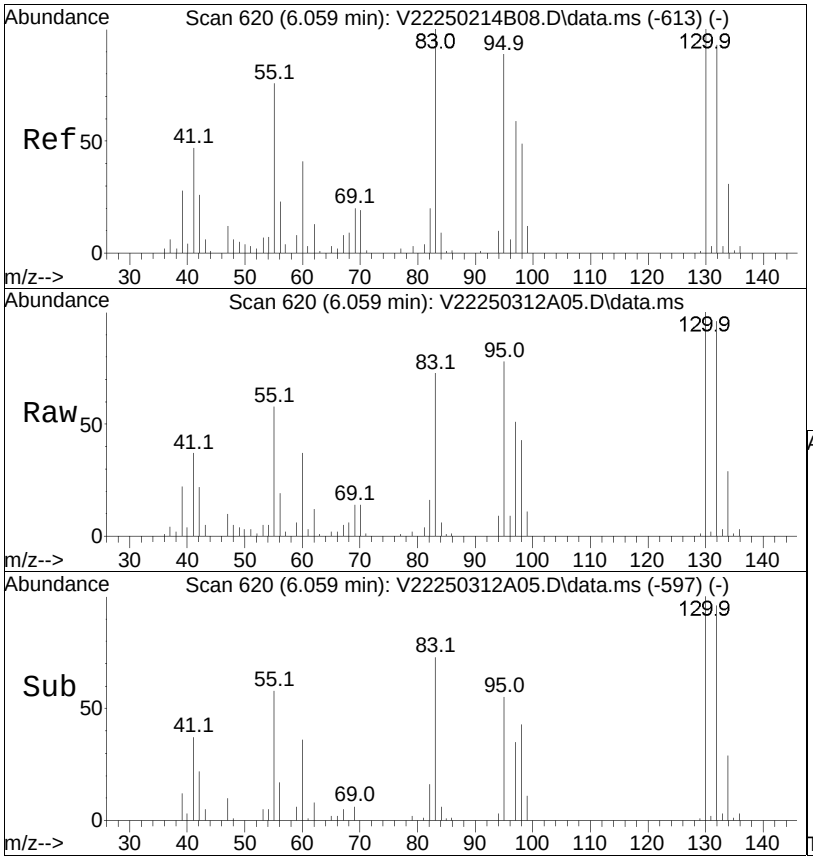


#47
1,2-Dichloroethane
Concen: 11.37 ug/L
RT: 5.661 min Scan# 563
Delta R.T. -0.007 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 62 Resp: 46061

Ion	Ratio	Lower	Upper
62	100		
64	31.9	11.9	51.9
98	10.1	0.0	30.1

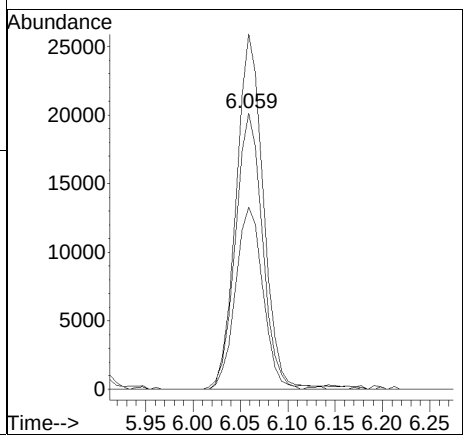


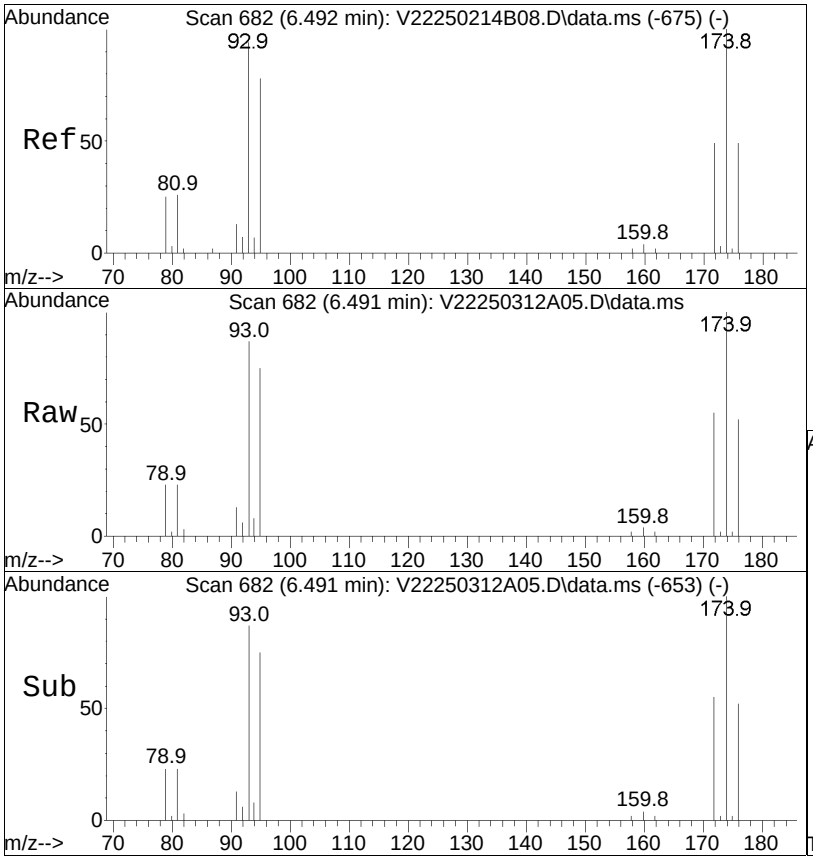


#51
Trichloroethene
Concen: 11.21 ug/L
RT: 6.059 min Scan# 620
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 95 Resp: 40963

Ion	Ratio	Lower	Upper
95	100		
97	65.5	53.8	80.6
130	125.9	90.2	135.2

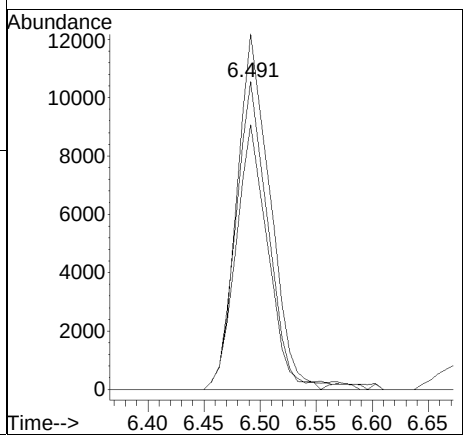


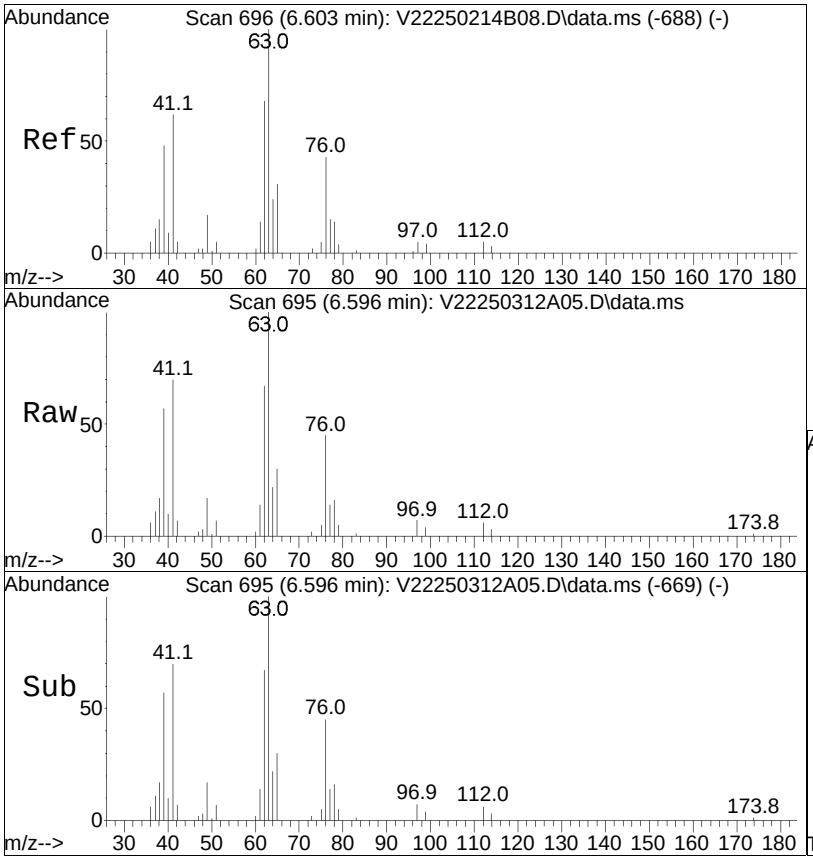


#53
Dibromomethane
Concen: 11.33 ug/L
RT: 6.491 min Scan# 682
Delta R.T. -0.001 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 93 Resp: 16784

Ion	Ratio	Lower	Upper
93	100		
95	86.7	67.9	101.9
174	120.1	87.0	130.6

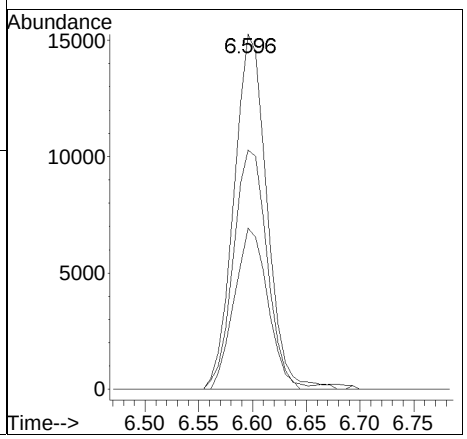


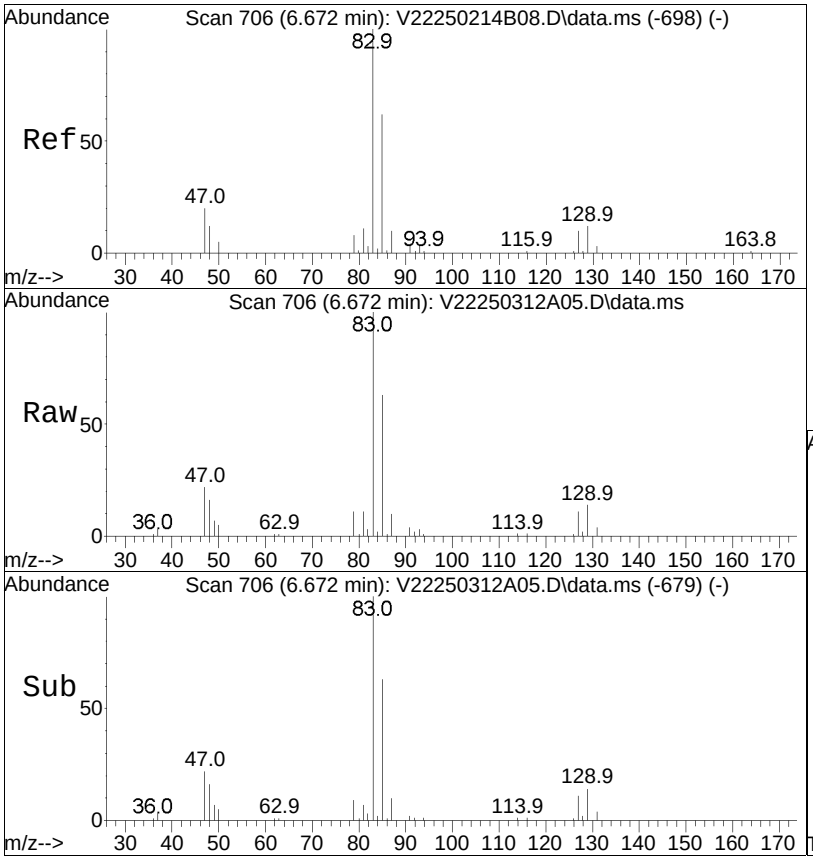


#54
1,2-Dichloropropane
Concen: 10.36 ug/L
RT: 6.596 min Scan# 695
Delta R.T. -0.007 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 63 Resp: 32853

Ion	Ratio	Lower	Upper
63	100		
62	68.5	56.7	85.1
76	45.7	35.4	53.2

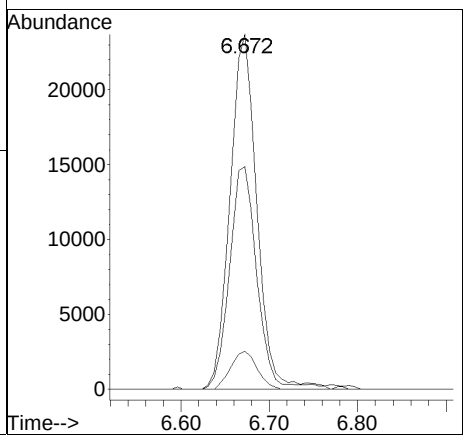


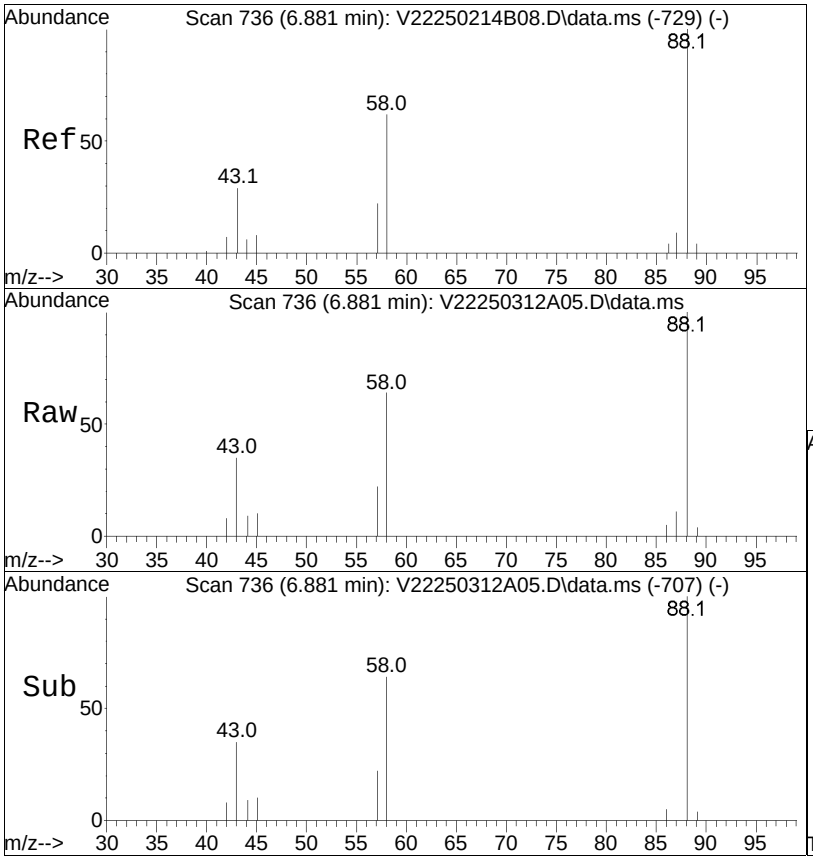


#57
Bromodichloromethane
Concen: 11.18 ug/L
RT: 6.672 min Scan# 706
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 83 Resp: 50690

Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.6	78.8
127	10.5	7.8	11.6

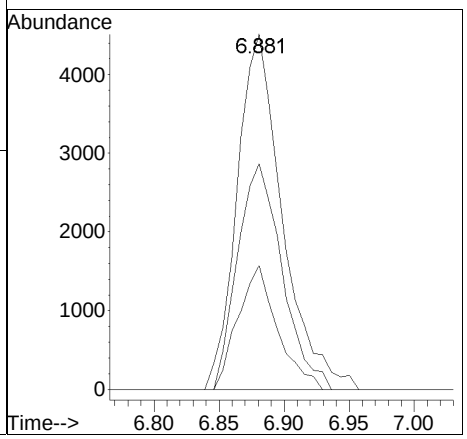


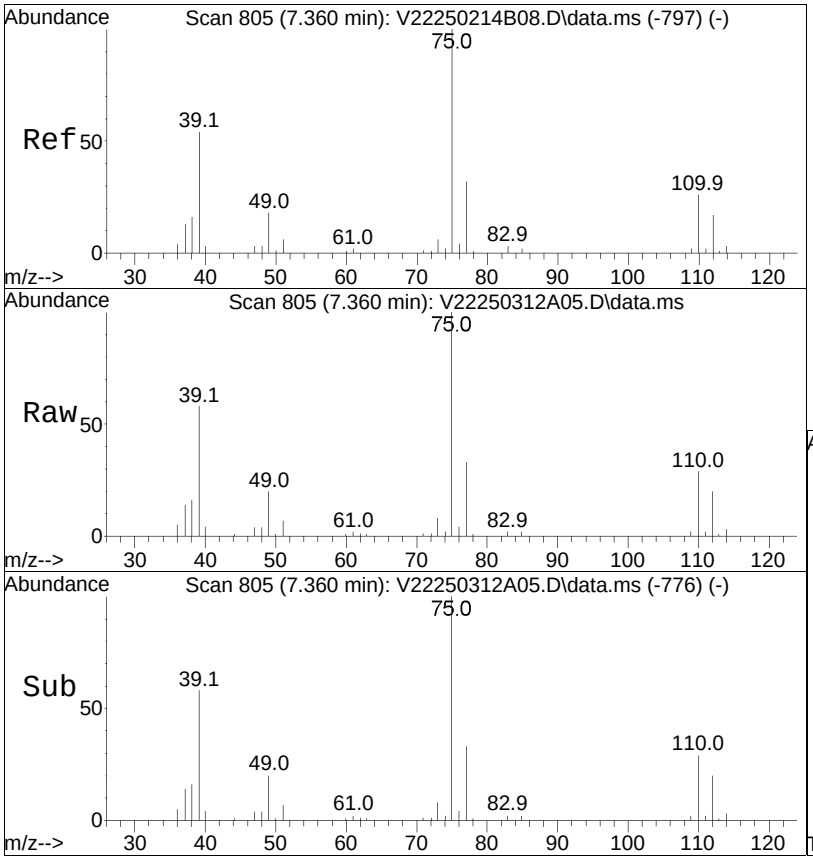


#60
1,4-Dioxane
Concen: 532.15 ug/L
RT: 6.881 min Scan# 736
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 88 Resp: 10937

Ion	Ratio	Lower	Upper
88	100		
58	62.3	50.6	75.8
43	30.4	23.8	35.8

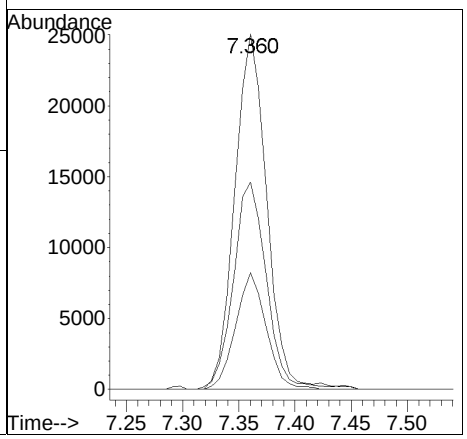


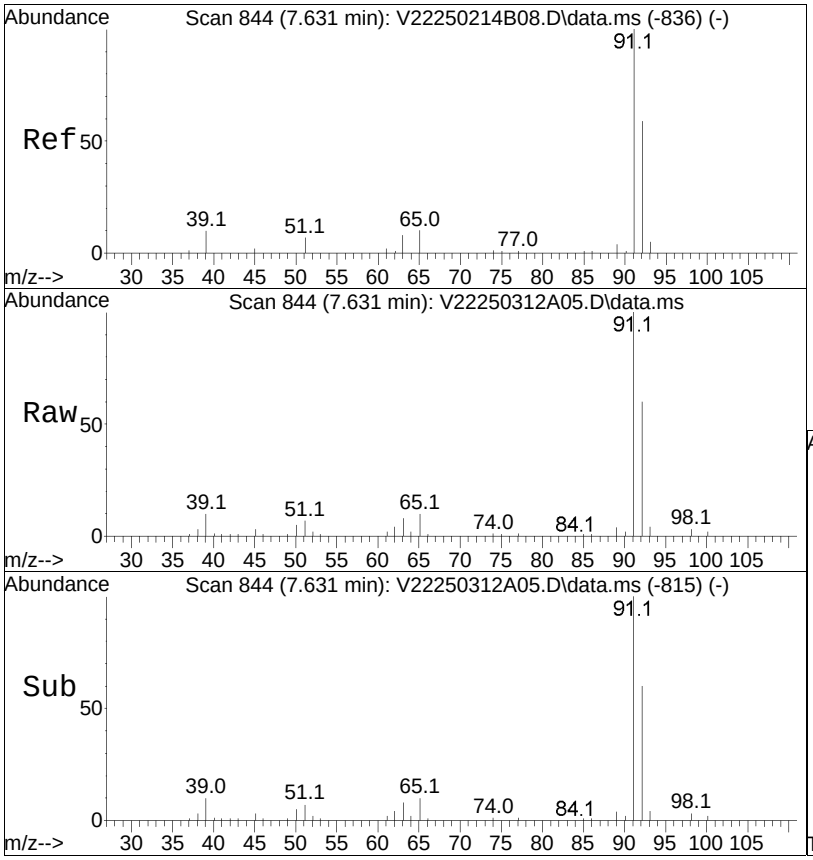


#61
cis-1,3-Dichloropropene
Concen: 10.73 ug/L
RT: 7.360 min Scan# 805
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 75 Resp: 49734

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.6
39	60.3	42.6	63.8

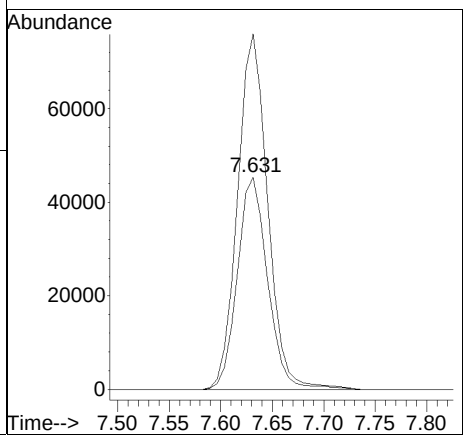


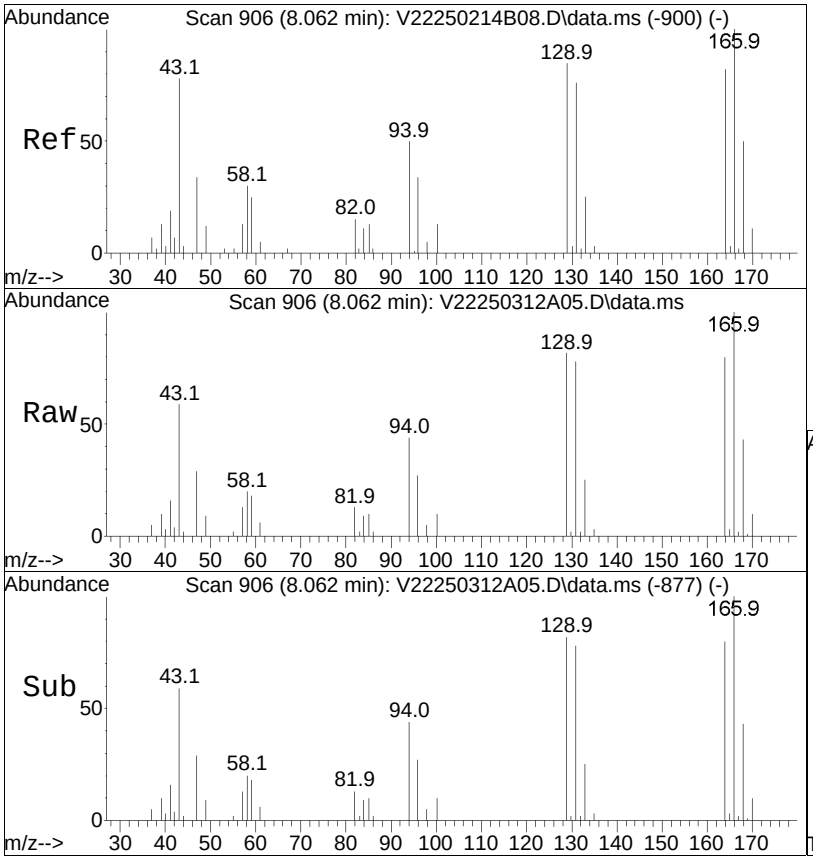


#64
Toluene
Concen: 10.05 ug/L
RT: 7.631 min Scan# 844
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 92 Resp: 92713

Ion	Ratio	Lower	Upper
92	100		
91	166.4	136.8	205.2

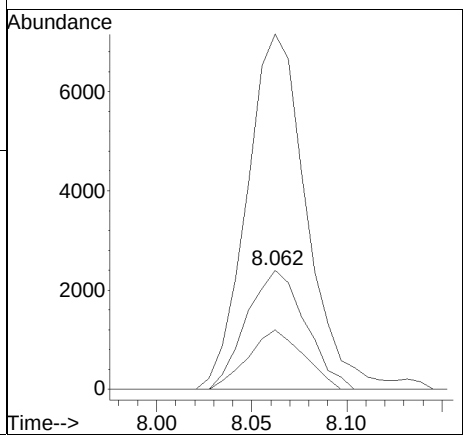


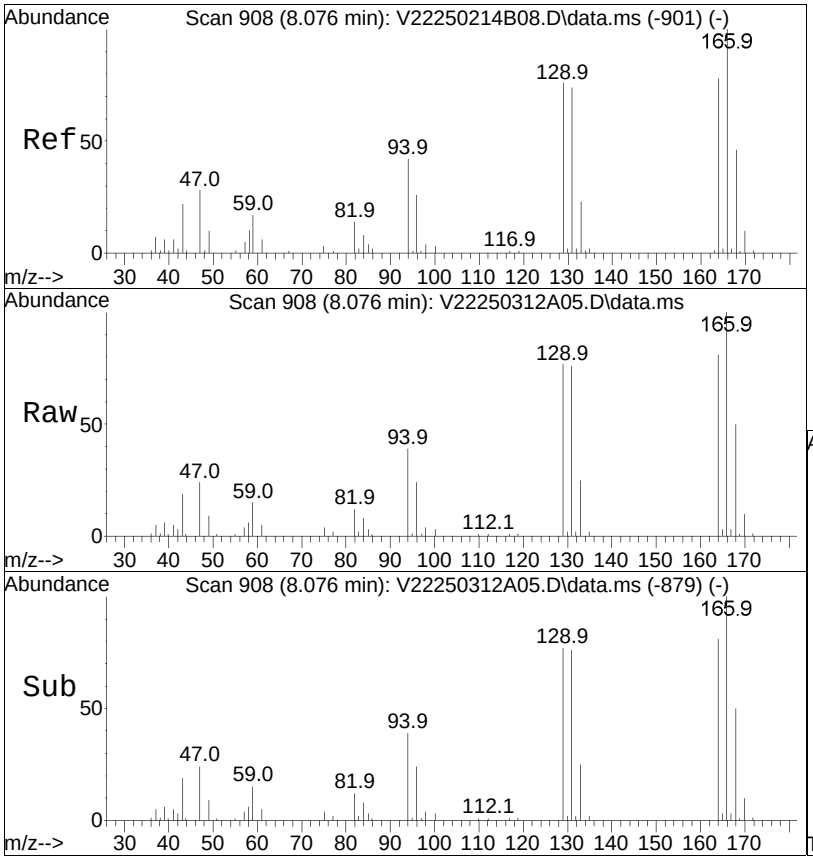


#65
4-Methyl-2-pentanone
Concen: 7.49 ug/L
RT: 8.062 min Scan# 906
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 58 Resp: 5172

Ion	Ratio	Lower	Upper
58	100		
100	47.1	32.1	48.1
43	305.4	226.5	339.7

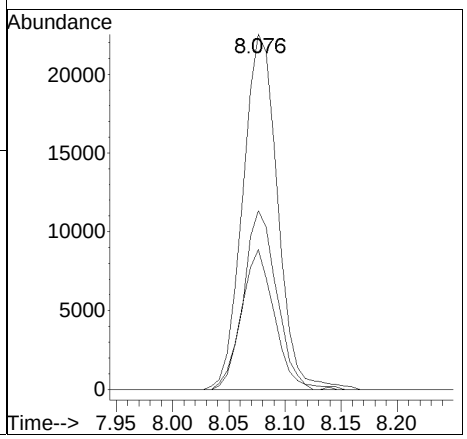


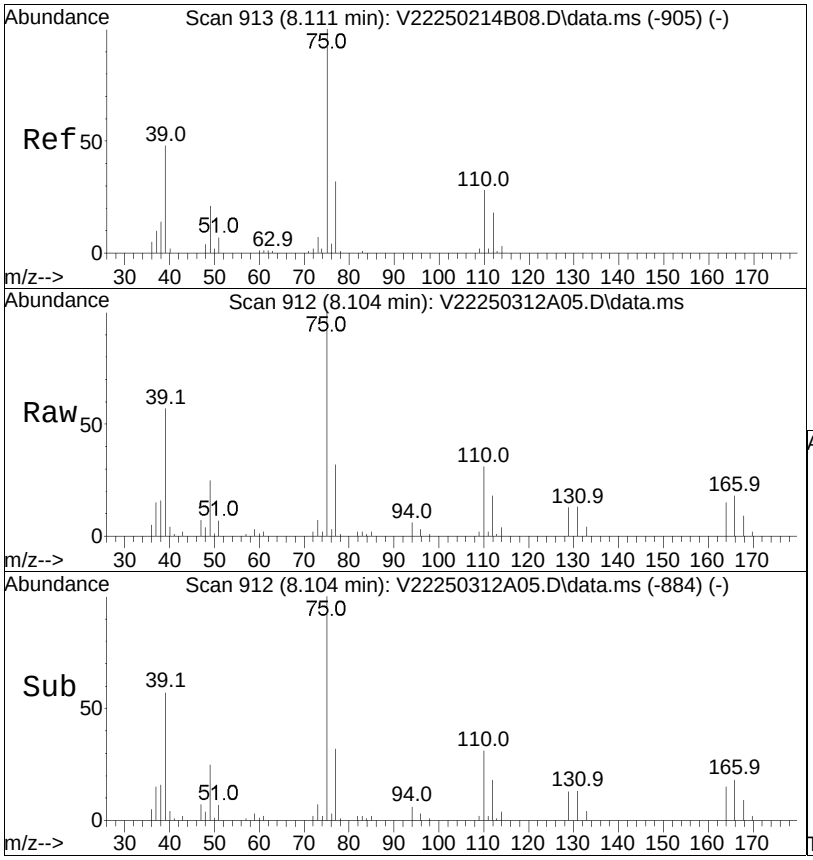


#66
Tetrachloroethene
Concen: 10.95 ug/L
RT: 8.076 min Scan# 908
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:166 Resp: 48569

Ion	Ratio	Lower	Upper
166	100		
168	48.0	28.8	68.8
94	36.9	21.3	61.3

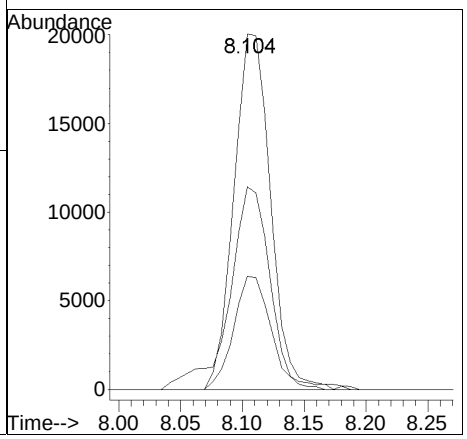


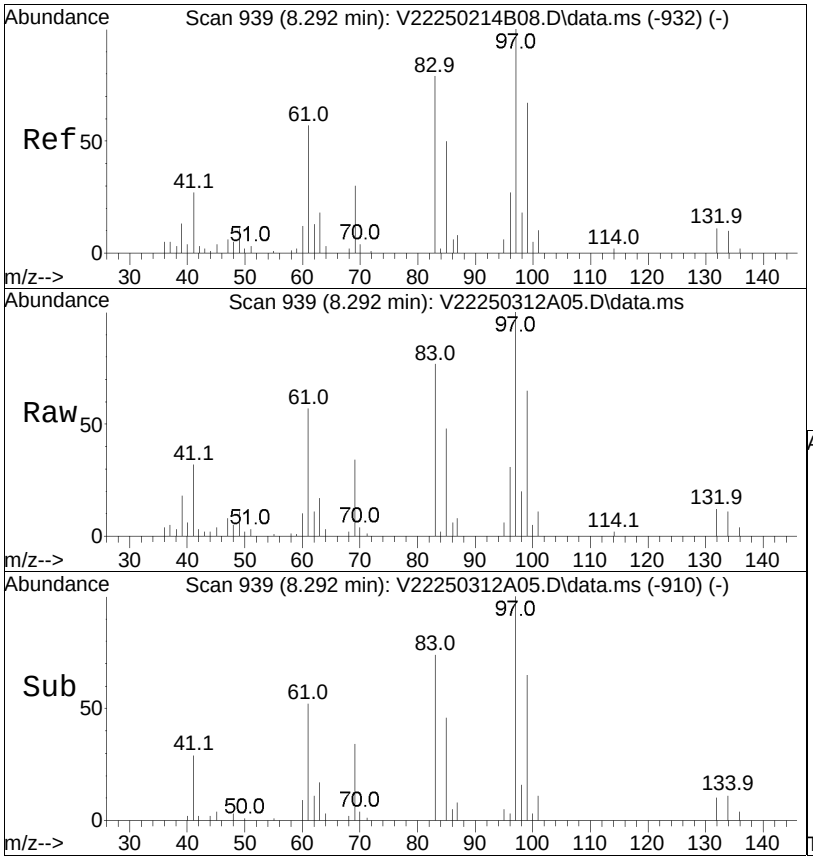


#68
trans-1,3-Dichloropropene
Concen: 8.87 ug/L
RT: 8.104 min Scan# 912
Delta R.T. -0.007 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 75 Resp: 41486

Ion	Ratio	Lower	Upper
75	100		
77	32.3	11.9	51.9
39	63.2	39.3	79.3

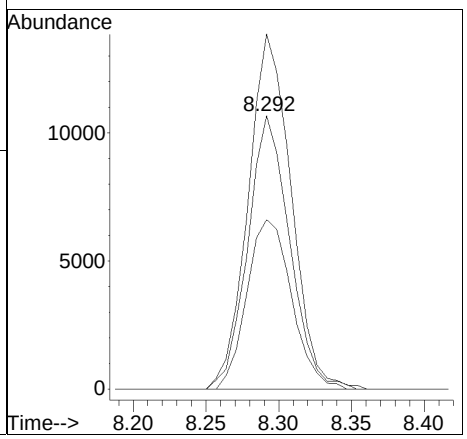


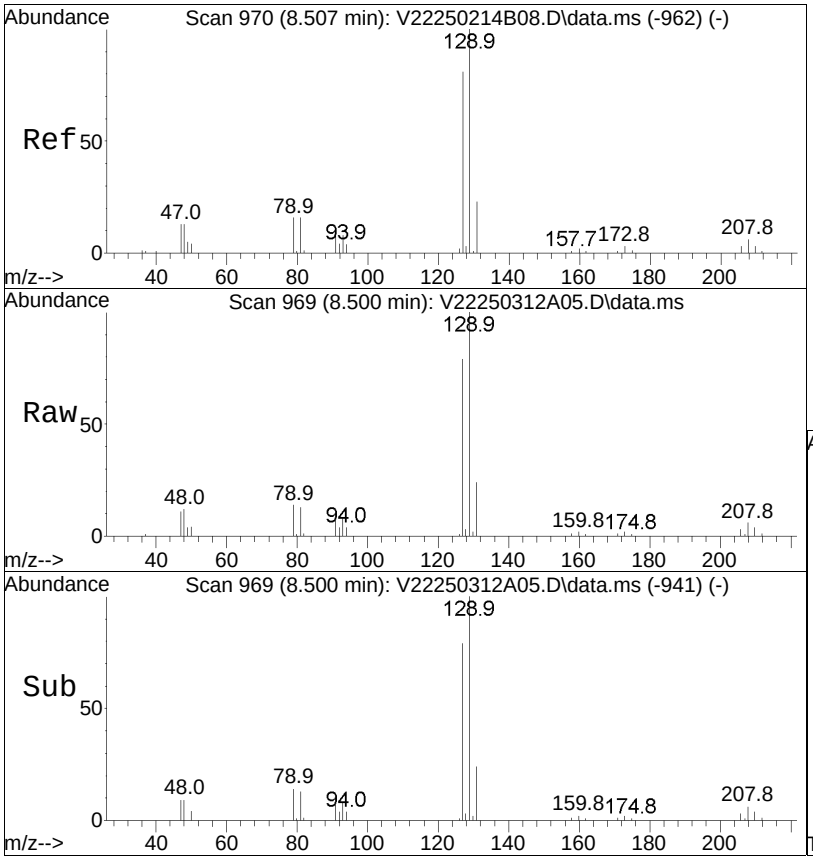


#71
1,1,2-Trichloroethane
Concen: 9.07 ug/L
RT: 8.292 min Scan# 939
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 83 Resp: 21453

Ion	Ratio	Lower	Upper
83	100		
97	133.2	106.2	146.2
85	66.2	46.9	86.9

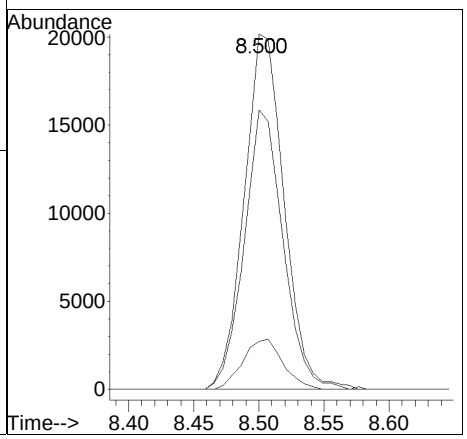


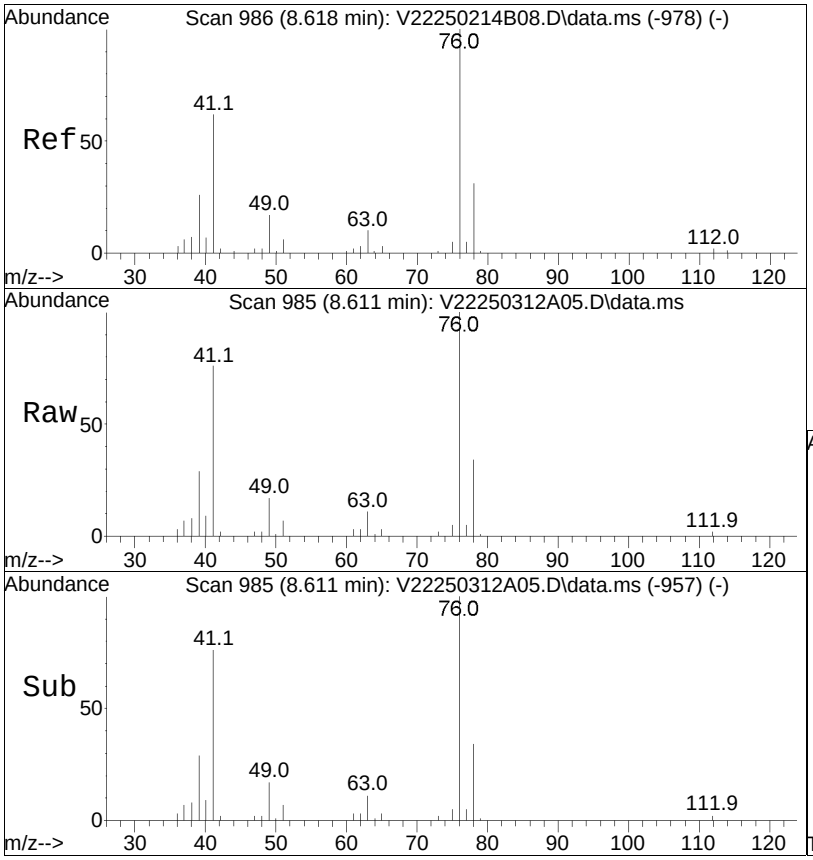


#72
Chlorodibromomethane
Concen: 11.27 ug/L
RT: 8.500 min Scan# 969
Delta R.T. -0.007 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:129 Resp: 43013

Ion	Ratio	Lower	Upper
129	100		
81	14.3	0.0	36.0
127	76.7	58.1	98.1

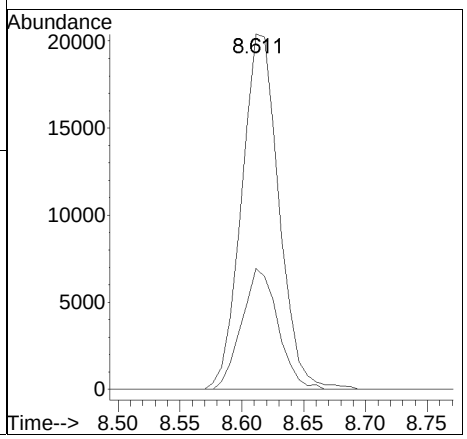


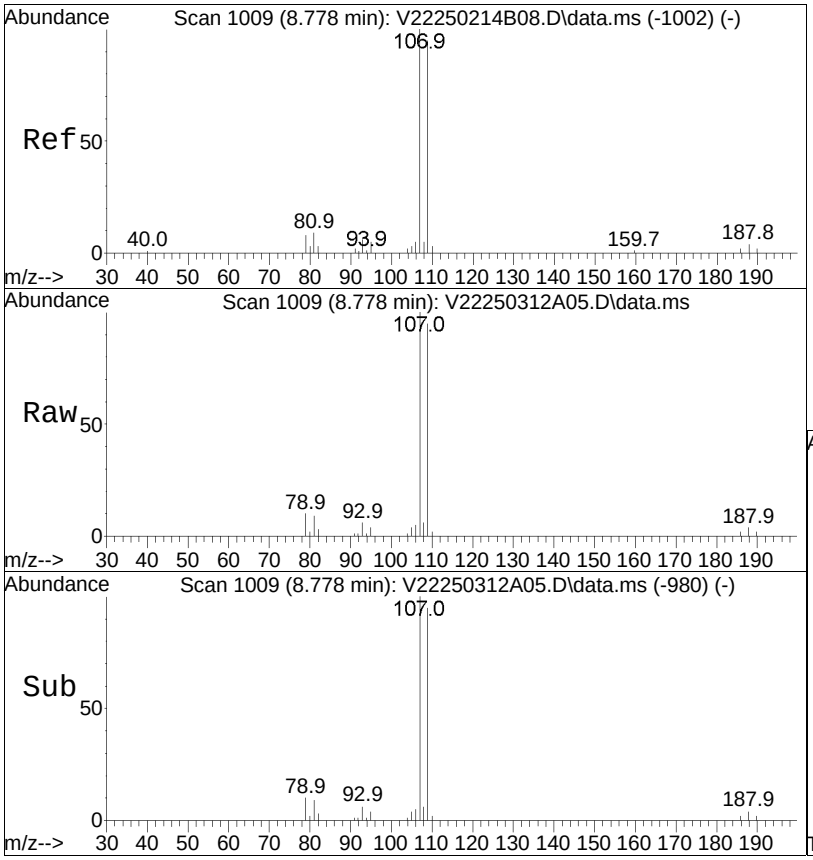


#73
1,3-Dichloropropane
Concen: 9.20 ug/L
RT: 8.611 min Scan# 985
Delta R.T. -0.007 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 76 Resp: 42909

Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.8	38.6

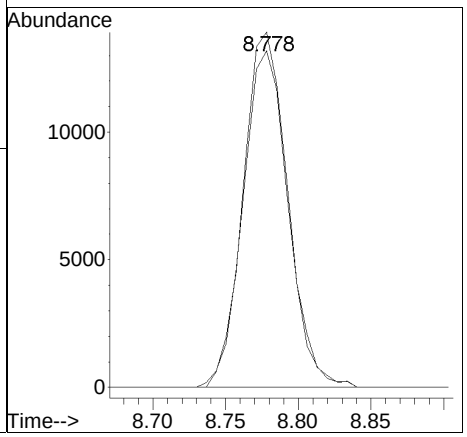


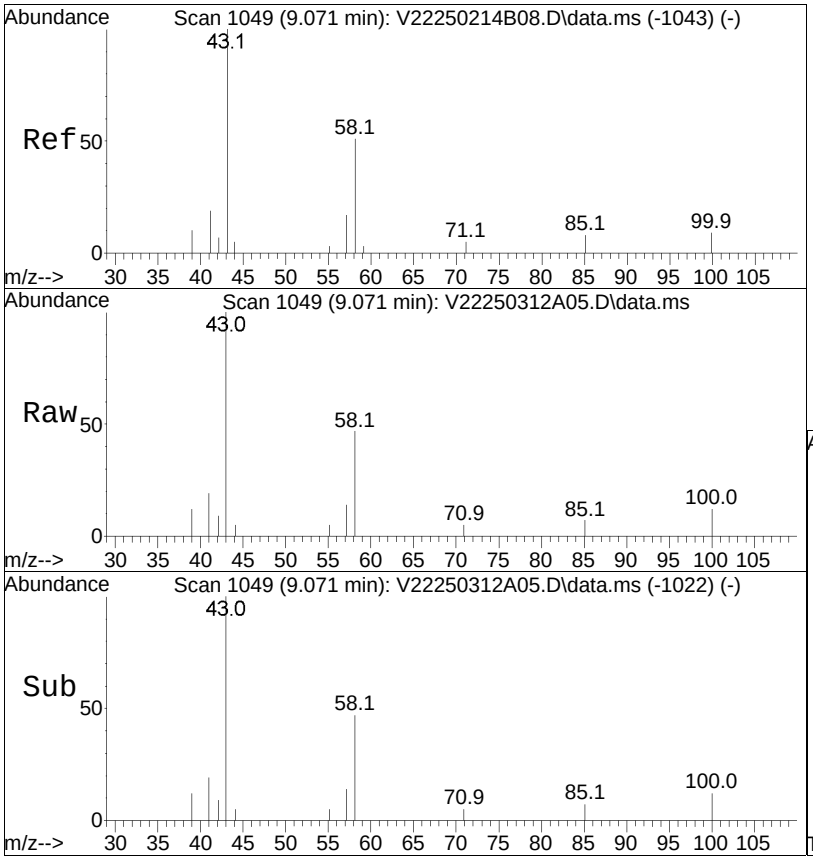


#74
1,2-Dibromoethane
Concen: 10.22 ug/L
RT: 8.778 min Scan# 1009
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:107 Resp: 29802

Ion	Ratio	Lower	Upper
107	100		
109	95.4	75.7	113.5

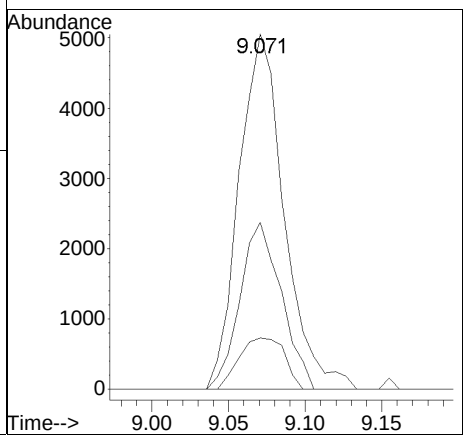


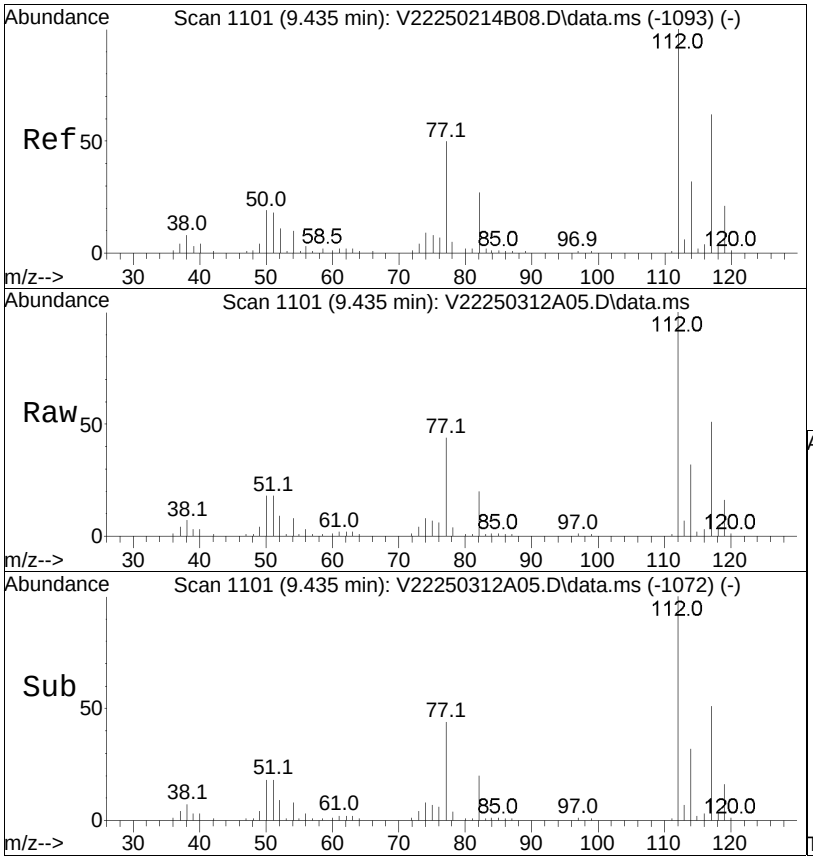


#76
2-Hexanone
Concen: 8.46 ug/L
RT: 9.071 min Scan# 1049
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 43 Resp: 10377

Ion	Ratio	Lower	Upper
43	100		
58	43.1	37.4	56.2
57	14.6	13.2	19.8

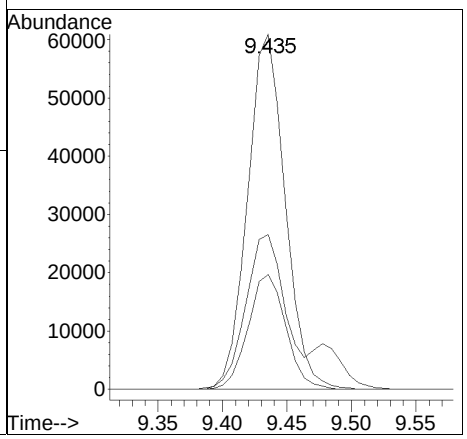


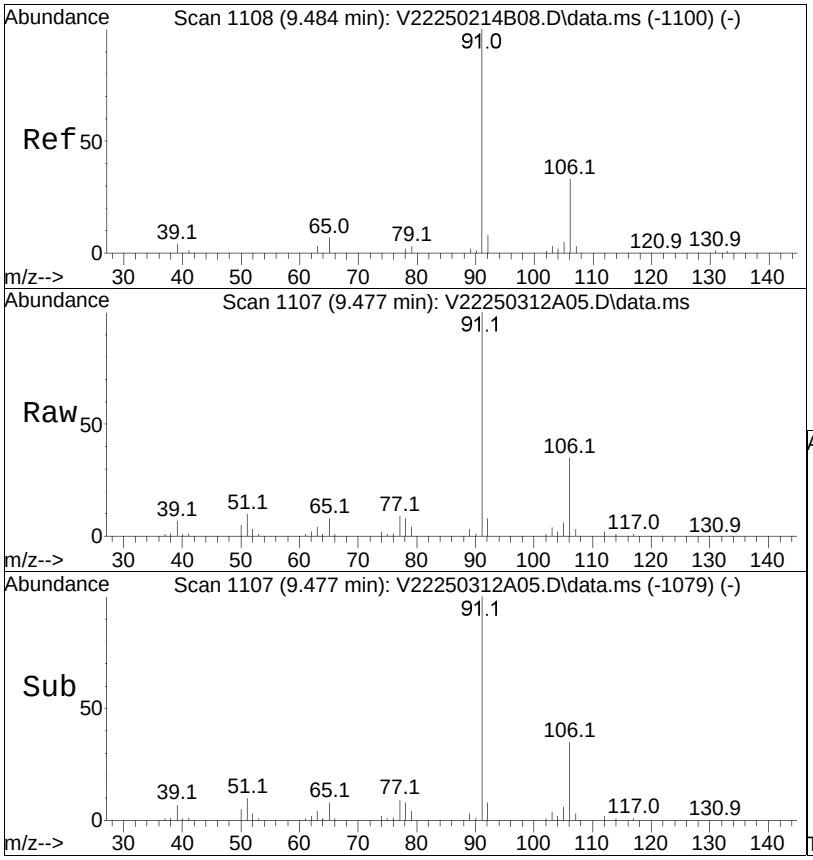


#77
Chlorobenzene
Concen: 10.66 ug/L
RT: 9.435 min Scan# 1101
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:112 Resp: 123549

Ion	Ratio	Lower	Upper
112	100		
77	46.1	42.5	63.7
114	32.6	26.0	39.0

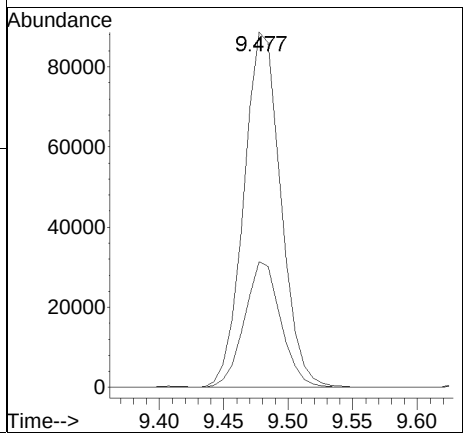


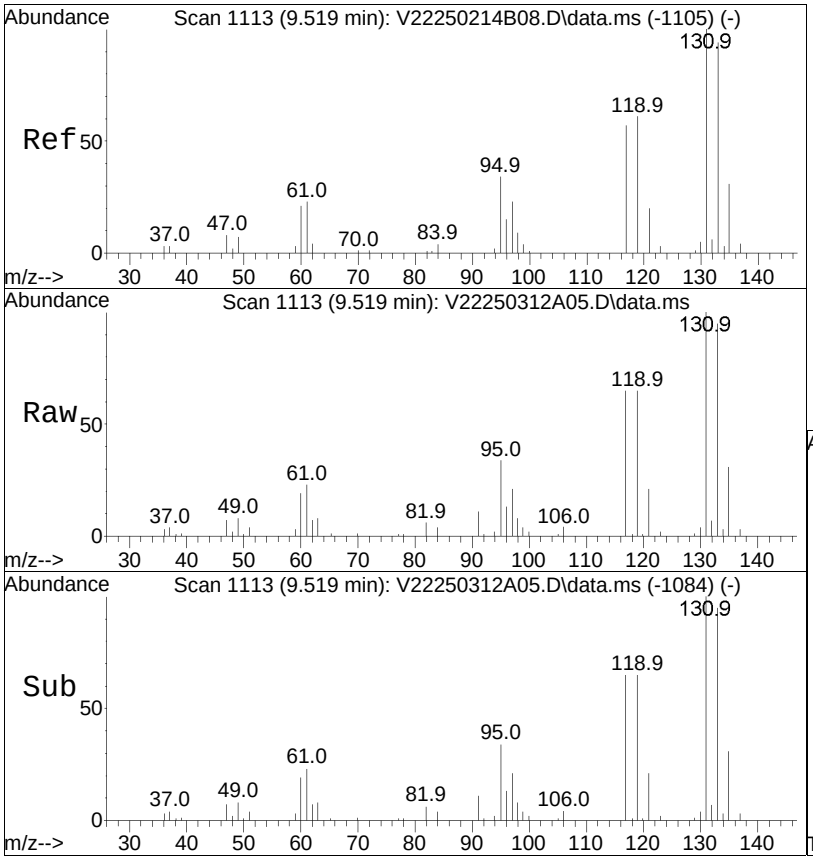


#78
Ethylbenzene
Concen: 10.11 ug/L
RT: 9.477 min Scan# 1107
Delta R.T. -0.007 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 91 Resp: 177341

Ion	Ratio	Lower	Upper
91	100		
106	34.7	26.3	39.5

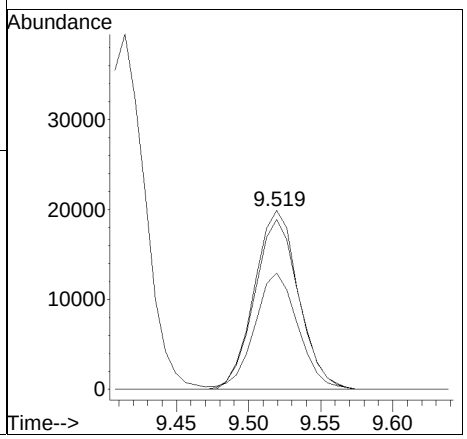


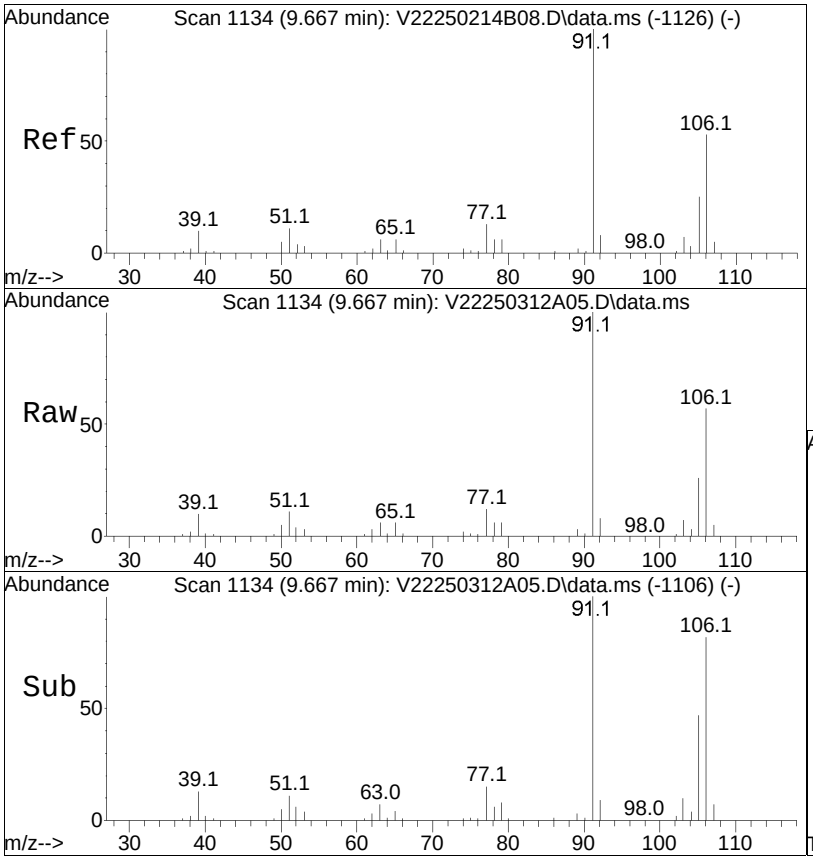


#79
1,1,1,2-Tetrachloroethane
Concen: 10.99 ug/L
RT: 9.519 min Scan# 1113
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:131 Resp: 42719

Ion	Ratio	Lower	Upper
131	100		
133	95.0	74.8	114.8
119	63.7	46.1	86.1

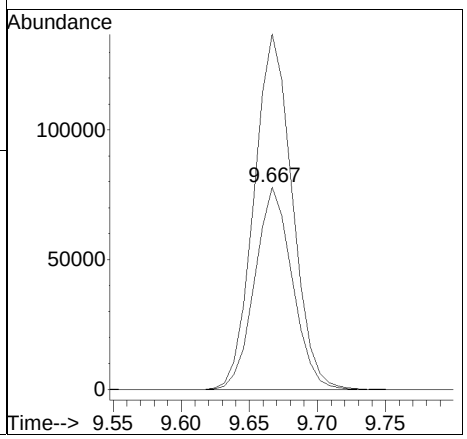


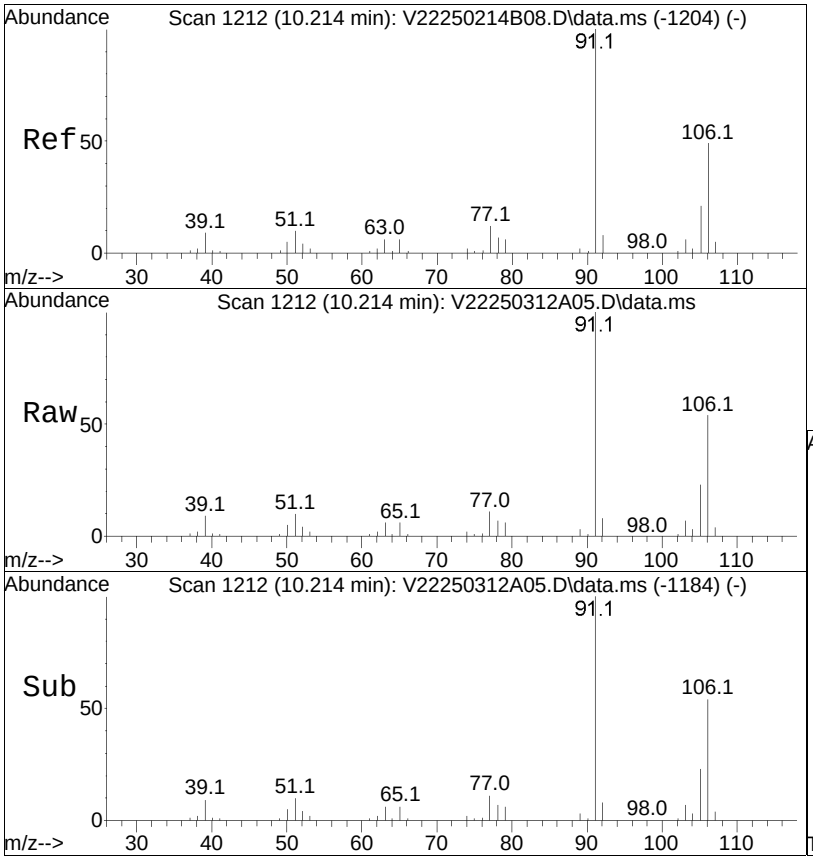


#80
p/m Xylene
Concen: 21.33 ug/L
RT: 9.667 min Scan# 1134
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:106 Resp: 148854

Ion	Ratio	Lower	Upper
106	100		
91	179.4	149.8	224.6

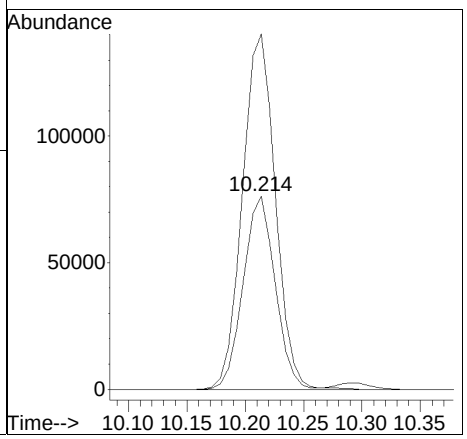


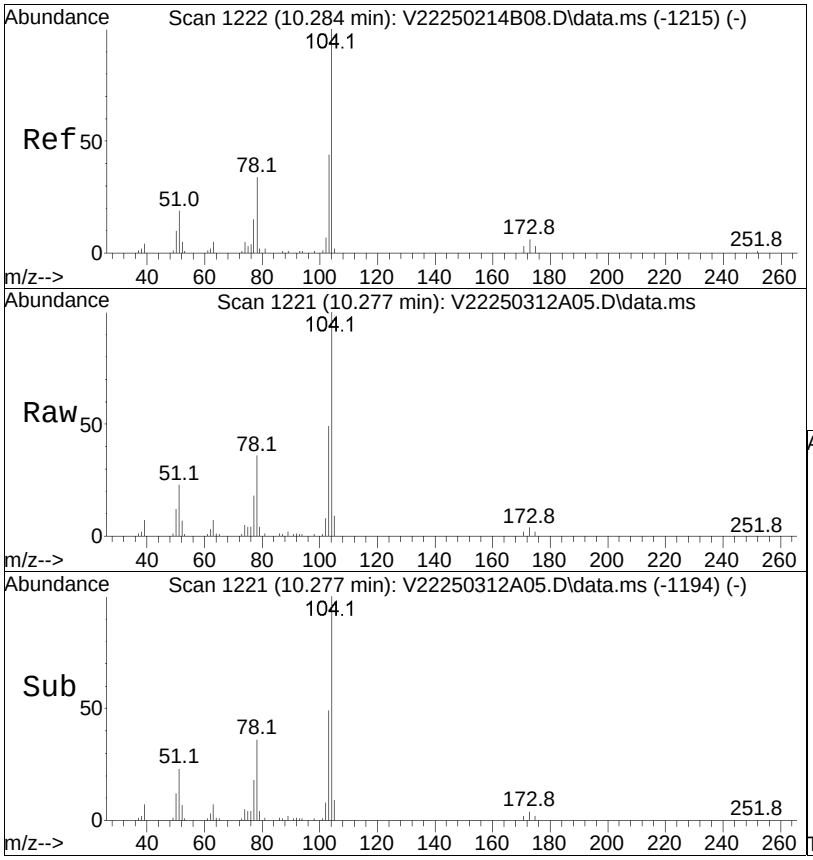


#81
o Xylene
Concen: 21.21 ug/L
RT: 10.214 min Scan# 1212
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:106 Resp: 146008

Ion	Ratio	Lower	Upper
106	100		
91	187.7	161.9	242.9

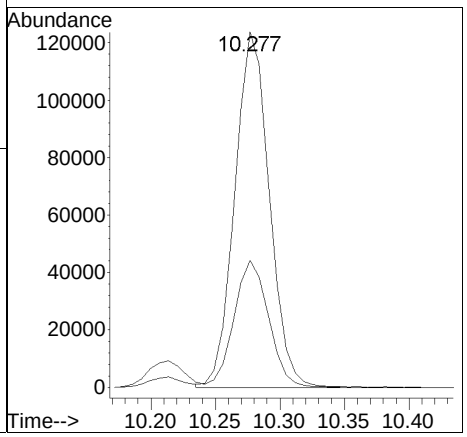


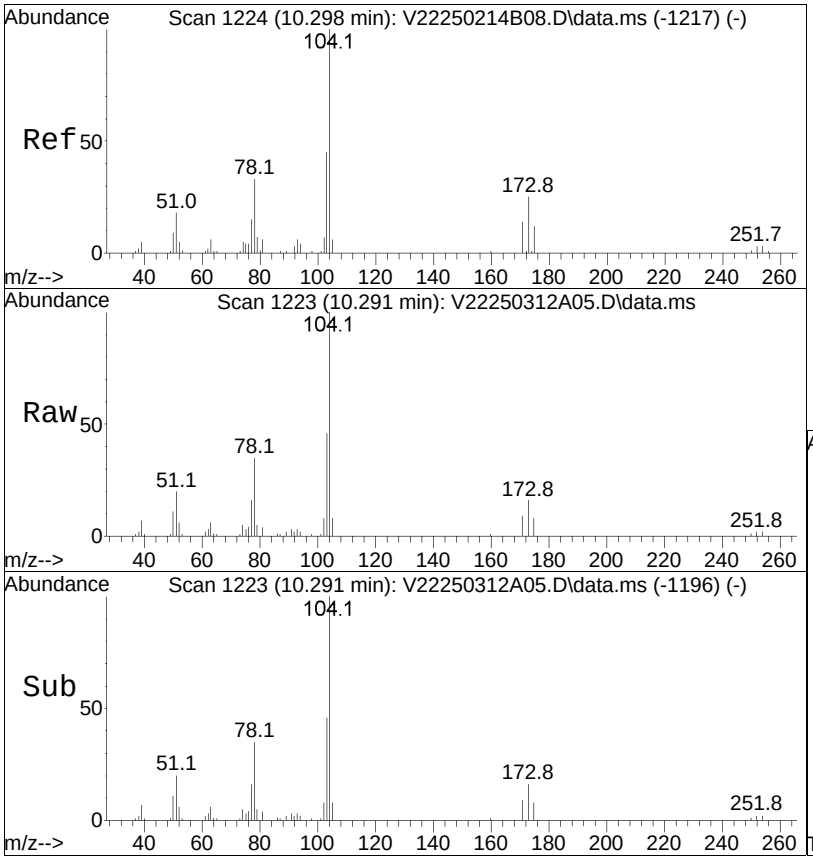


#82
Styrene
Concen: 20.50 ug/L
RT: 10.277 min Scan# 1221
Delta R.T. -0.007 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:104 Resp: 230214

Ion	Ratio	Lower	Upper
104	100		
78	35.7	29.4	44.2

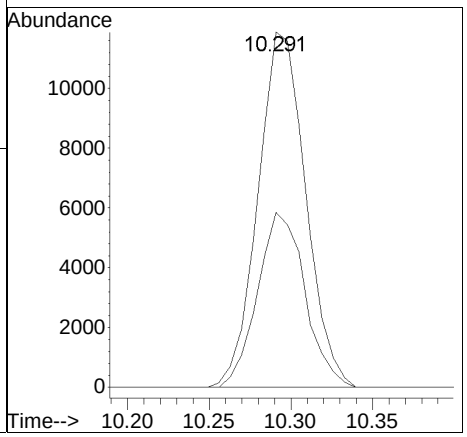


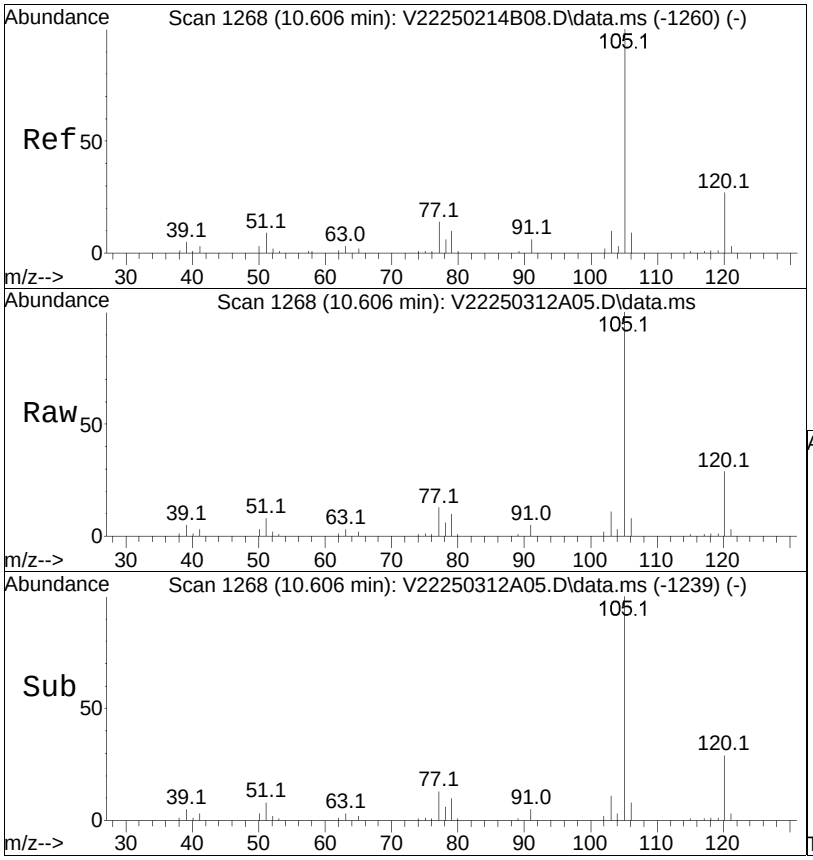


#84
Bromoform
Concen: 9.61 ug/L
RT: 10.291 min Scan# 1223
Delta R.T. -0.007 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:173 Resp: 24114

Ion	Ratio	Lower	Upper
173	100		
175	48.9	27.2	67.2

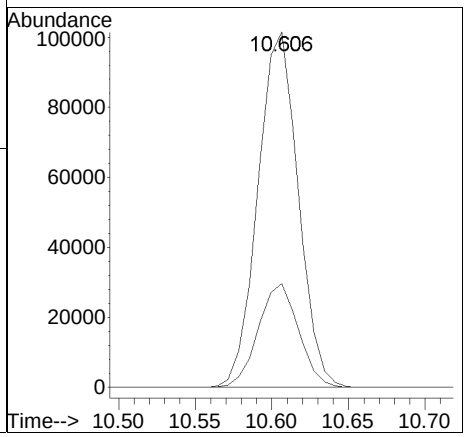


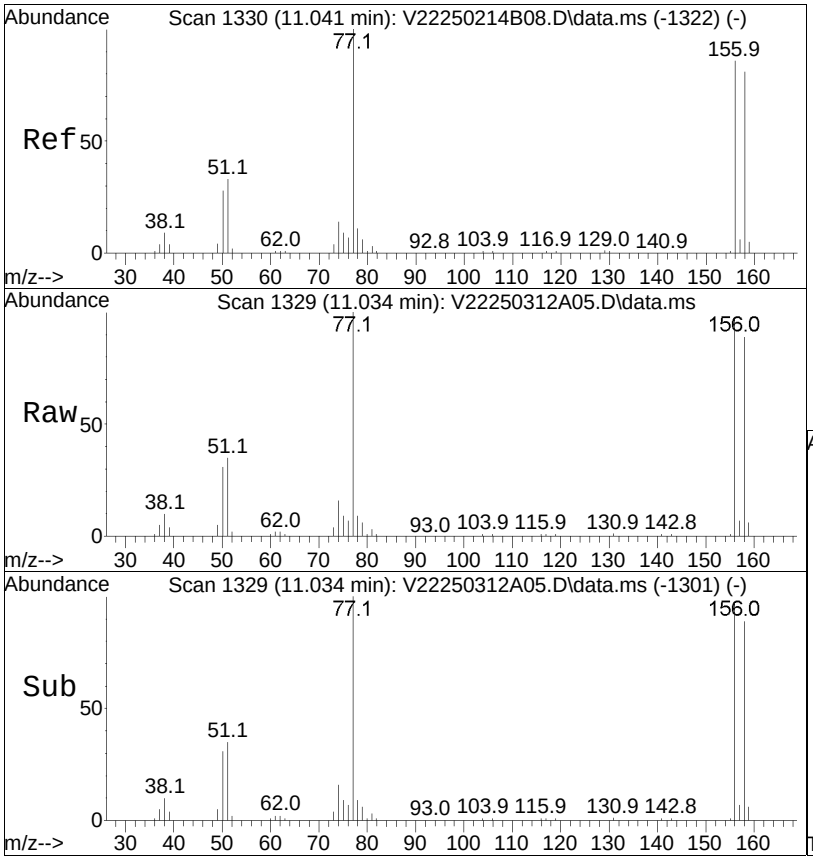


#86
Isopropylbenzene
Concen: 10.20 ug/L
RT: 10.606 min Scan# 1268
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:105 Resp: 185907

Ion	Ratio	Lower	Upper
105	100		
120	29.2	7.6	47.6

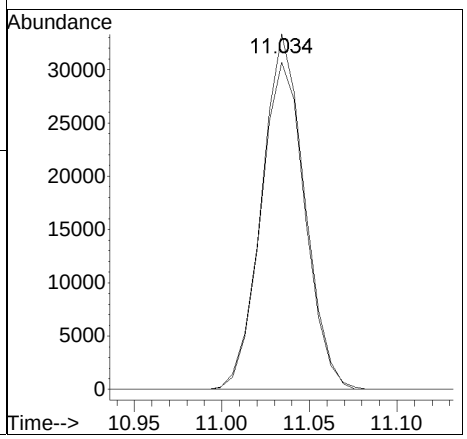


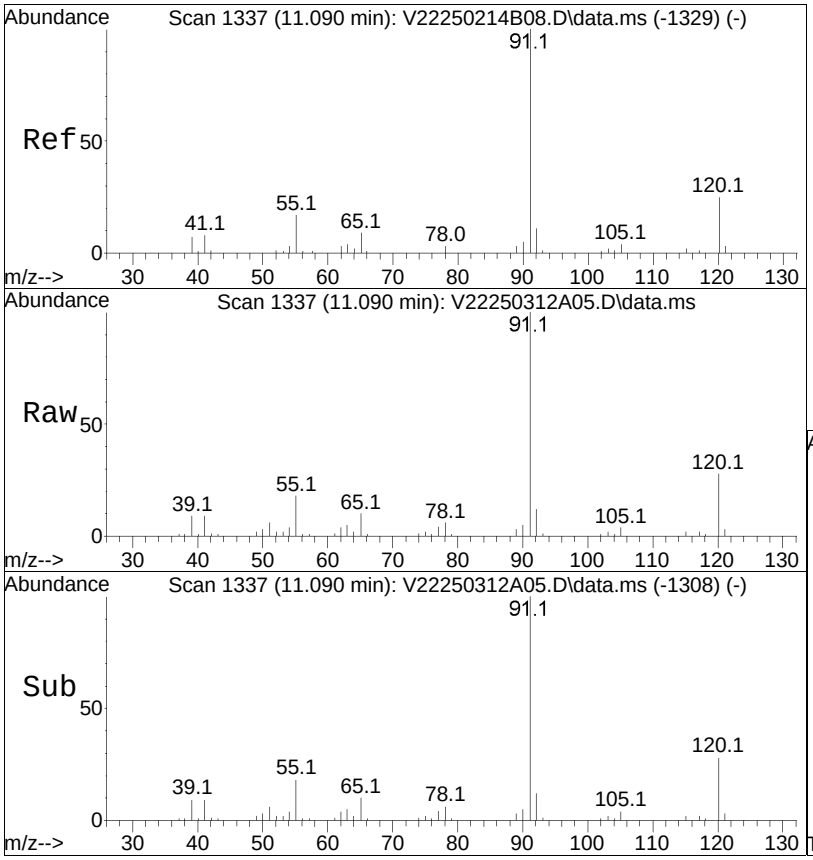


#88
Bromobenzene
Concen: 11.08 ug/L
RT: 11.034 min Scan# 1329
Delta R.T. -0.007 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:156 Resp: 56710

Ion	Ratio	Lower	Upper
156	100		
158	95.0	77.2	115.8

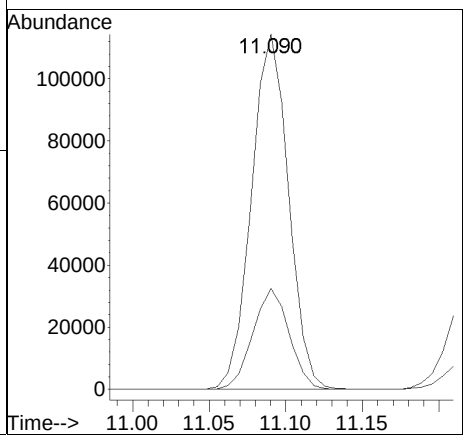


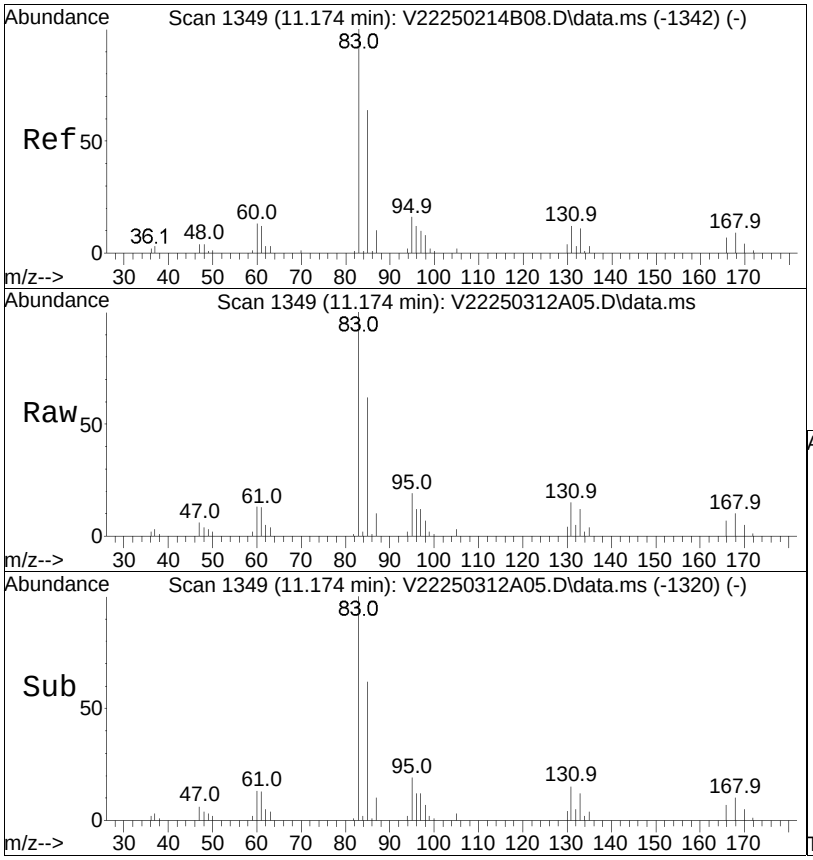


#89
n-Propylbenzene
Concen: 9.39 ug/L
RT: 11.090 min Scan# 1337
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 91 Resp: 192199

Ion	Ratio	Lower	Upper
91	100		
120	27.8	20.2	30.4

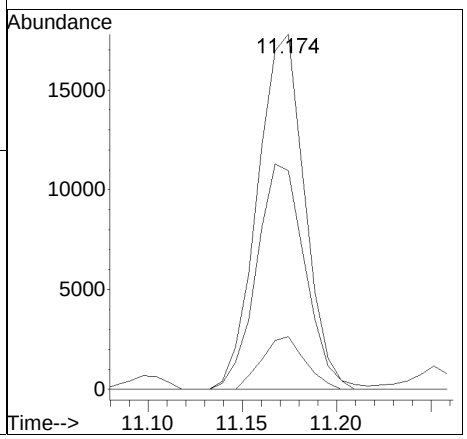


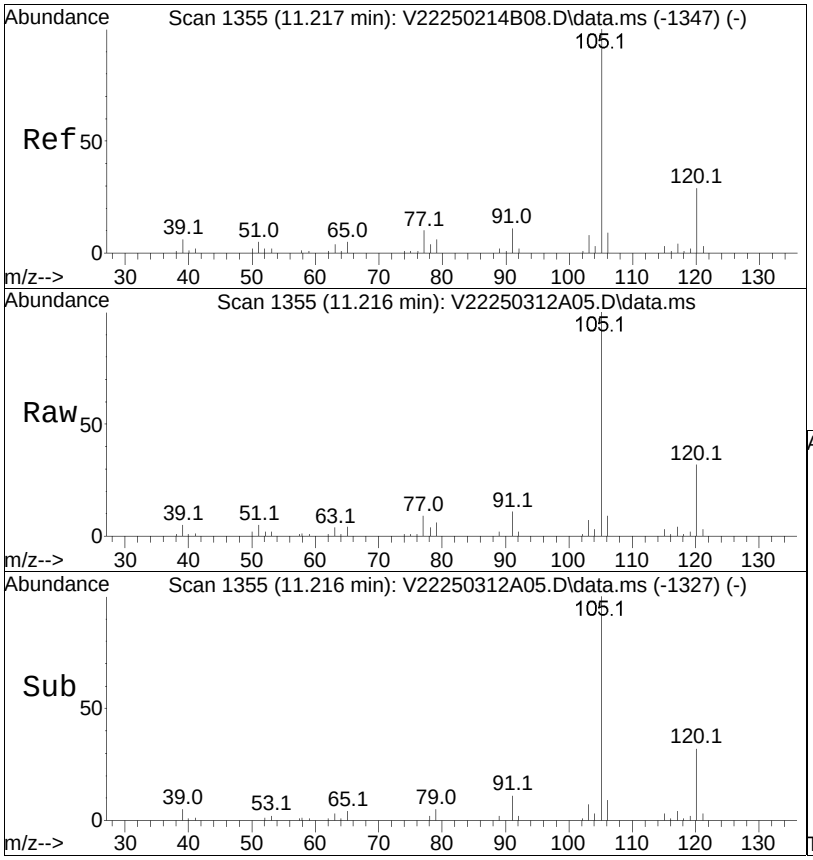


#91
1,1,2,2-Tetrachloroethane
Concen: 8.62 ug/L
RT: 11.174 min Scan# 1349
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 83 Resp: 30908

Ion	Ratio	Lower	Upper
83	100		
131	13.7	0.0	30.9
85	65.7	45.2	85.2

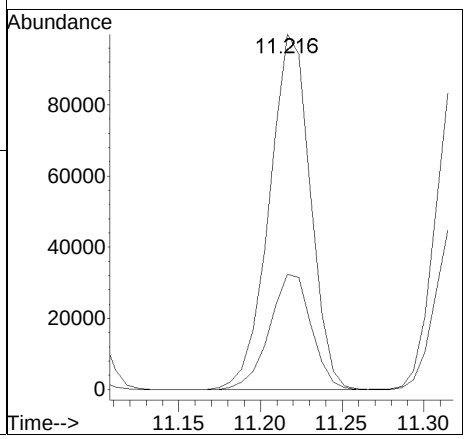


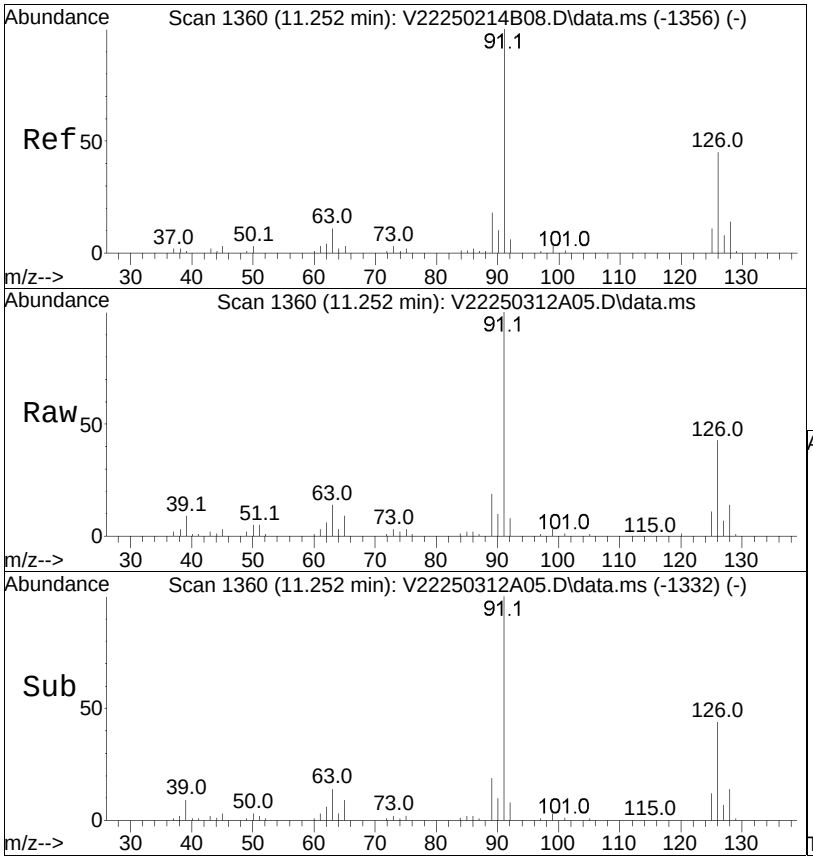


#92
4-Ethyltoluene
Concen: 10.11 ug/L
RT: 11.216 min Scan# 1355
Delta R.T. -0.001 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:105 Resp: 174529

Ion	Ratio	Lower	Upper
105	100		
120	32.9	20.0	41.4

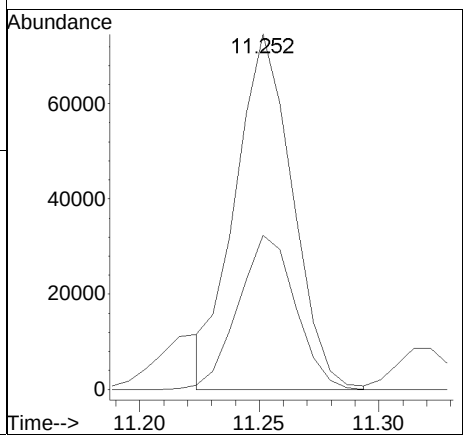


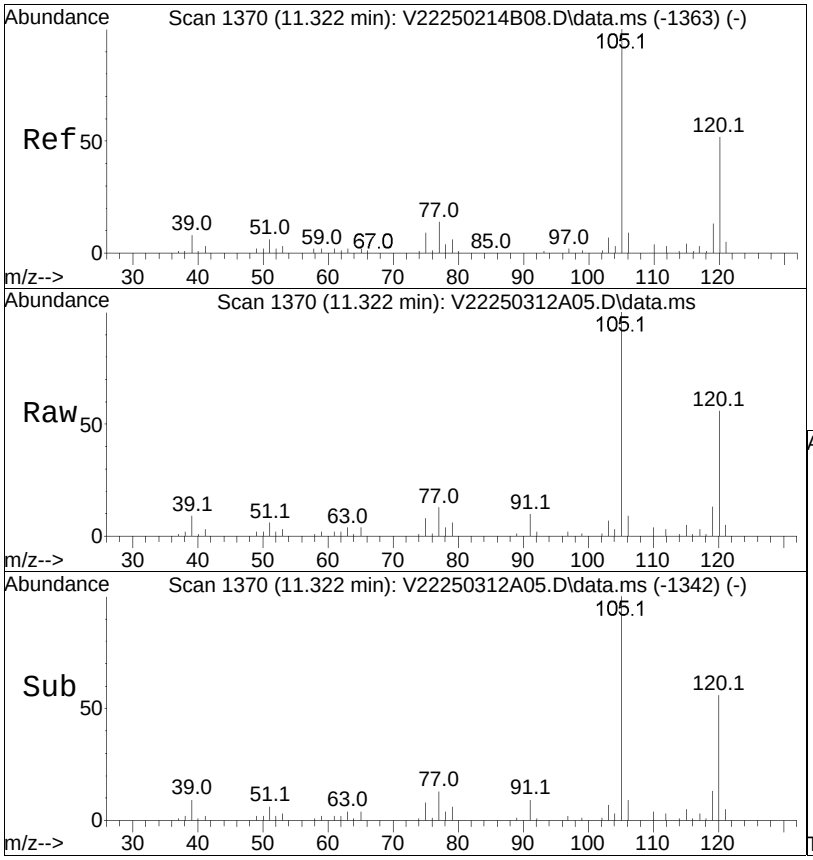


#93
2-Chlorotoluene
Concen: 9.53 ug/L M6
RT: 11.252 min Scan# 1360
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 91 Resp: 124484

Ion	Ratio	Lower	Upper
91	100		
126	43.2	29.7	44.5

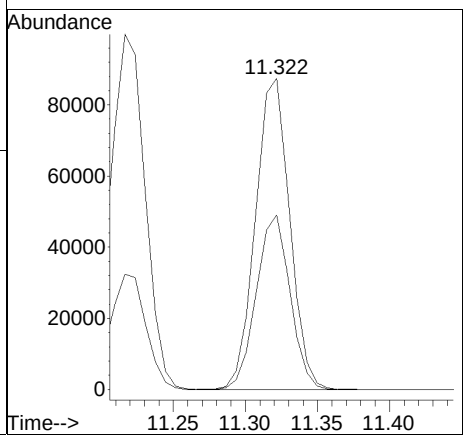


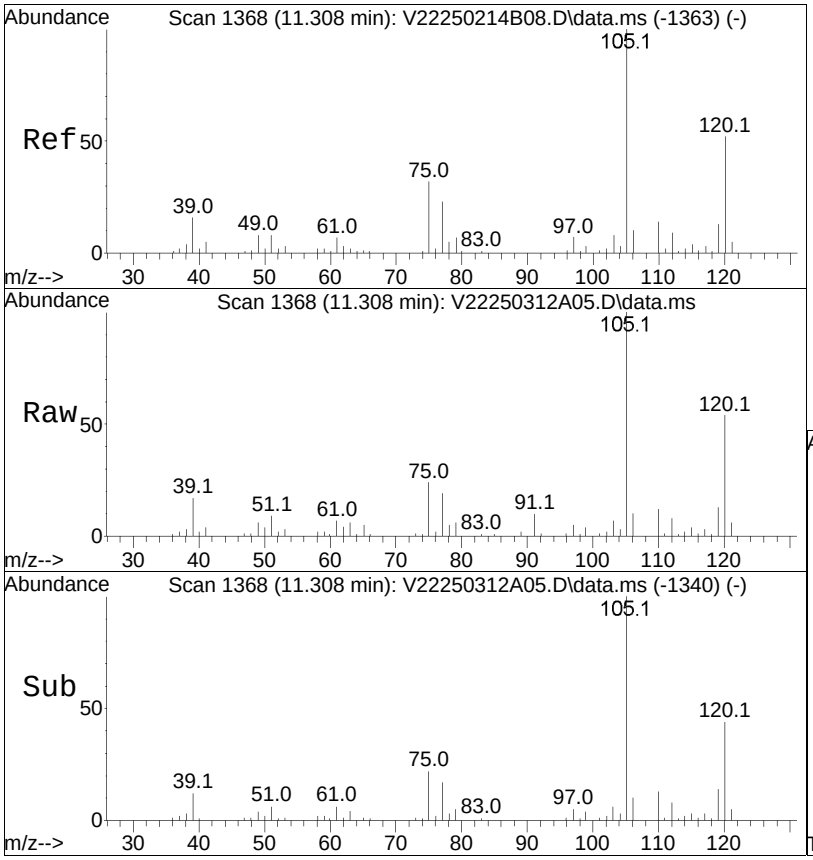


#94
1,3,5-Trimethylbenzene
Concen: 10.01 ug/L
RT: 11.322 min Scan# 1370
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:105 Resp: 144595

Ion	Ratio	Lower	Upper
105	100		
120	55.2	41.3	61.9

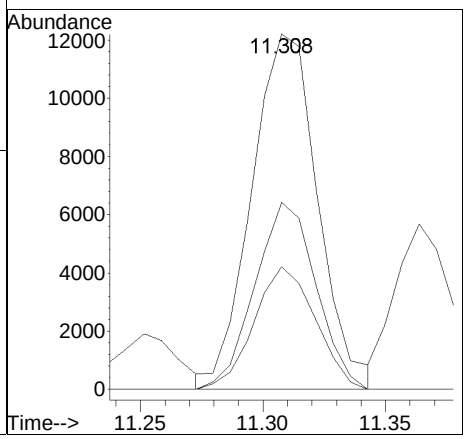


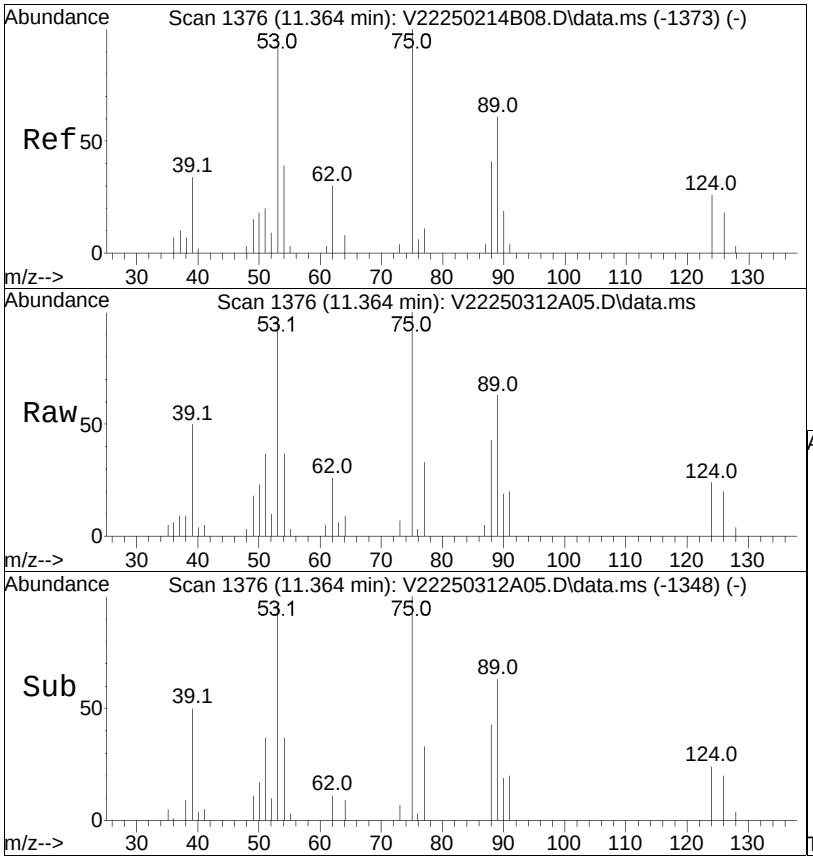


#95
1,2,3-Trichloropropane
Concen: 8.38 ug/L
RT: 11.308 min Scan# 1368
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 75 Resp: 22920

Ion	Ratio	Lower	Upper
75	100		
110	48.5	27.6	57.4
112	31.9	17.4	36.0

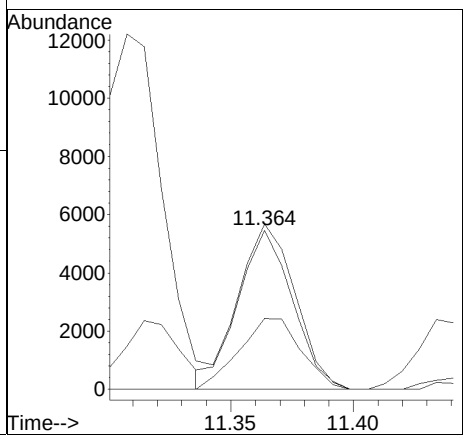


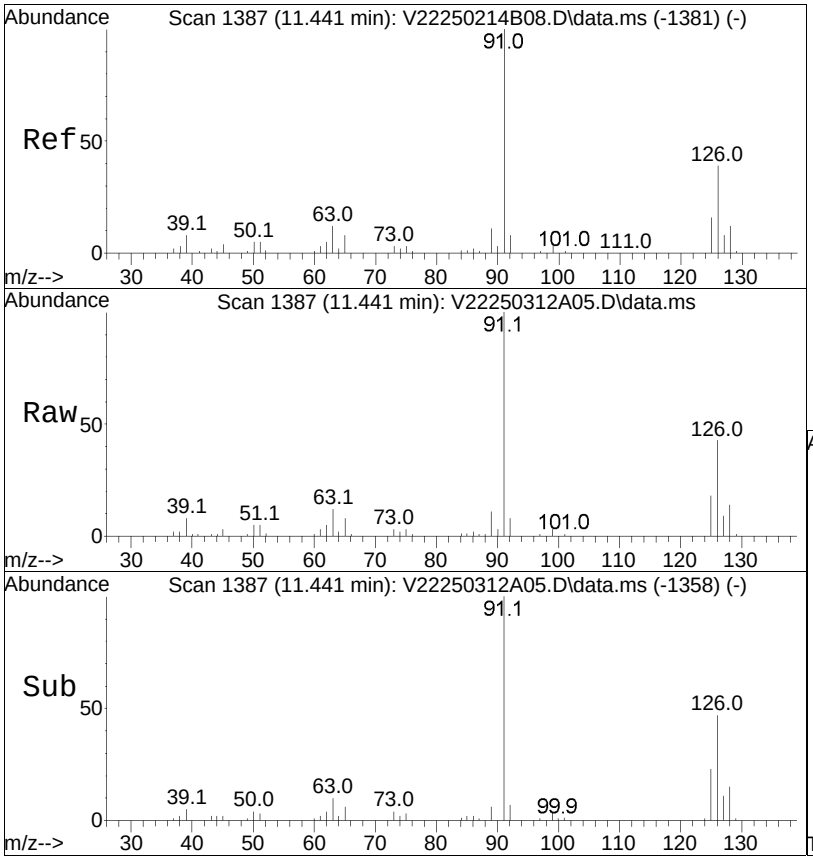


#96
trans-1,4-Dichloro-2-butene
Concen: 8.97 ug/L
RT: 11.364 min Scan# 1376
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 53 Resp: 8506

Ion	Ratio	Lower	Upper
53	100		
88	50.5	38.7	58.1
75	104.4	88.4	132.6

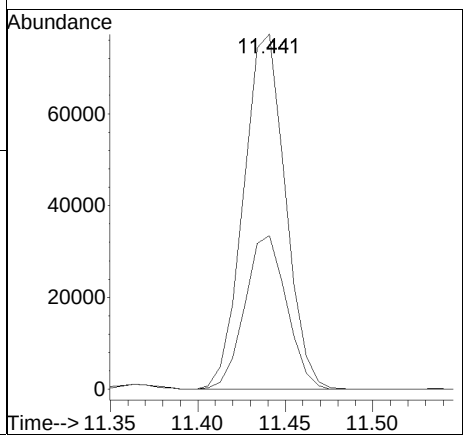


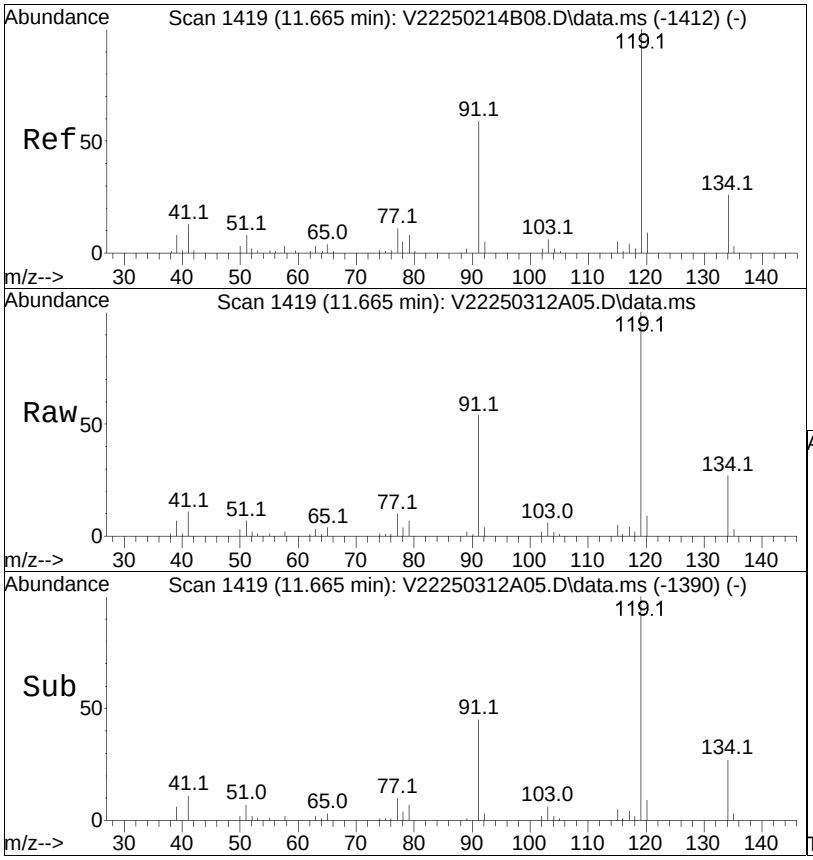


#97
4-Chlorotoluene
Concen: 9.59 ug/L
RT: 11.441 min Scan# 1387
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 91 Resp: 128760

Ion	Ratio	Lower	Upper
91	100		
126	43.2	30.4	45.6

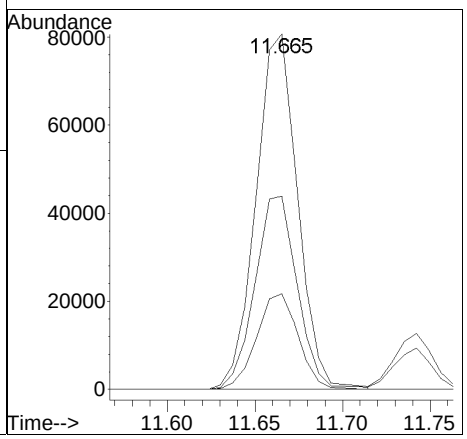


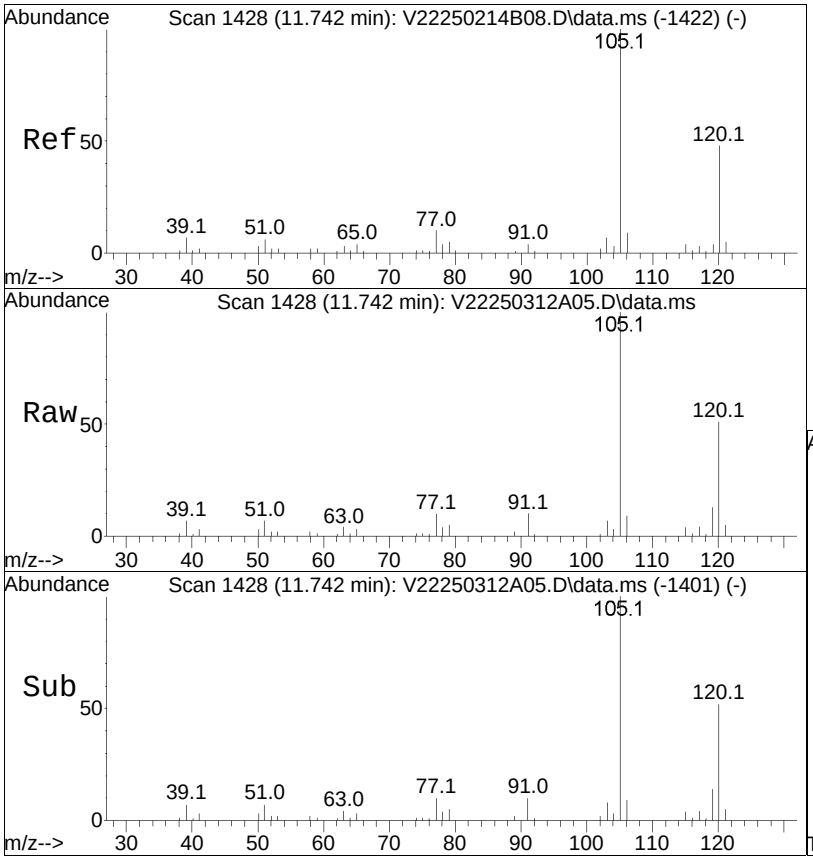


#98
tert-Butylbenzene
Concen: 10.66 ug/L
RT: 11.665 min Scan# 1419
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:119 Resp: 154401

Ion	Ratio	Lower	Upper
119	100		
91	55.4	47.4	71.0
134	26.7	20.7	31.1

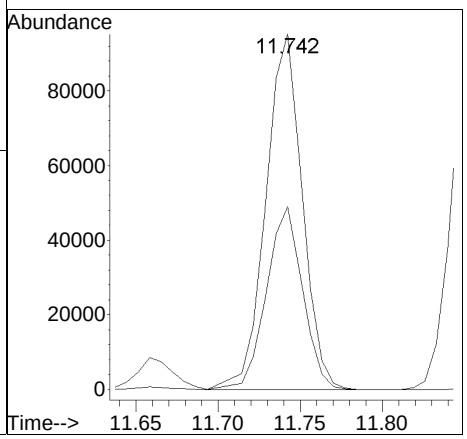


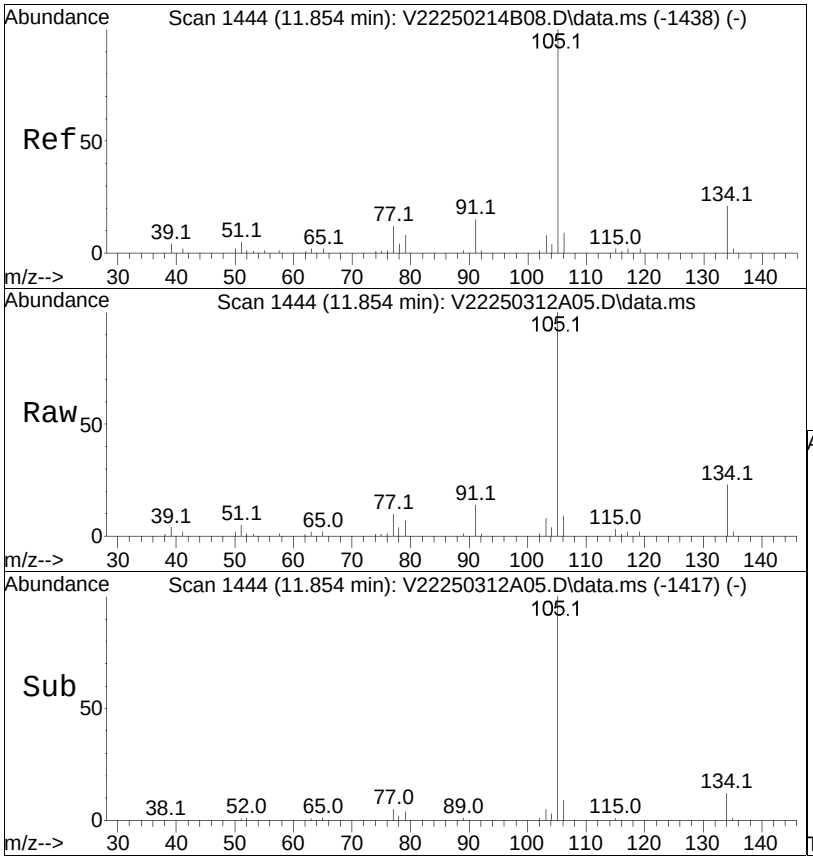


#101
1,2,4-Trimethylbenzene
Concen: 10.16 ug/L
RT: 11.742 min Scan# 1428
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:105 Resp: 167257

Ion	Ratio	Lower	Upper
105	100		
120	51.6	40.6	60.8

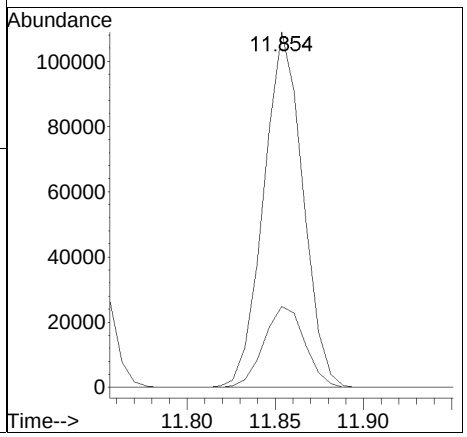


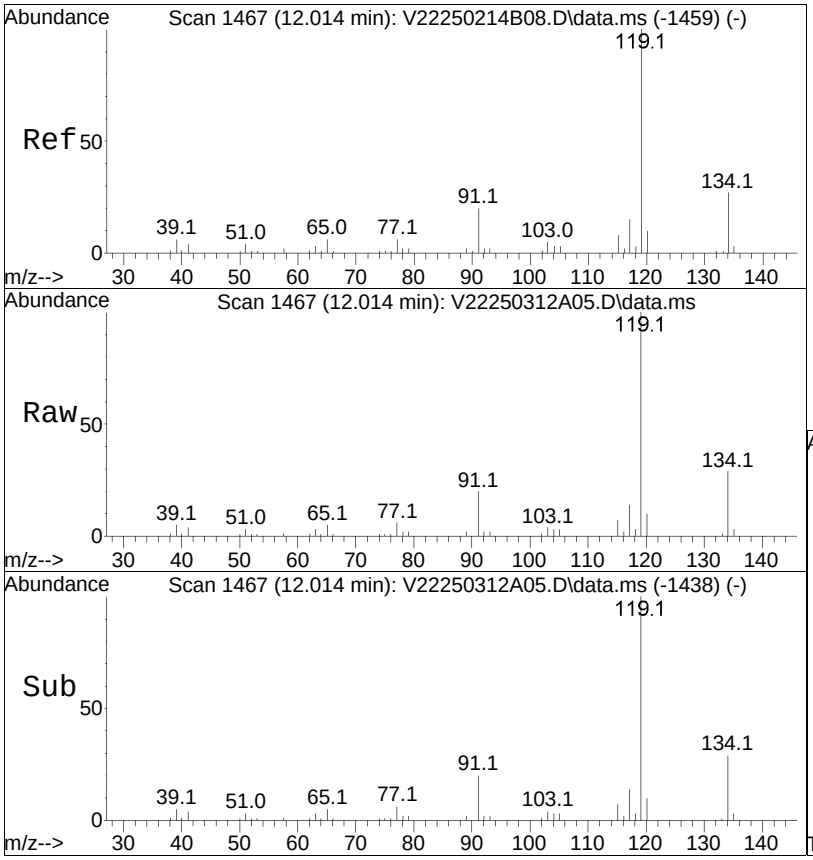


#102
sec-Butylbenzene
Concen: 10.09 ug/L
RT: 11.854 min Scan# 1444
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:105 Resp: 168641

Ion	Ratio	Lower	Upper
105	100		
134	23.7	14.1	29.3

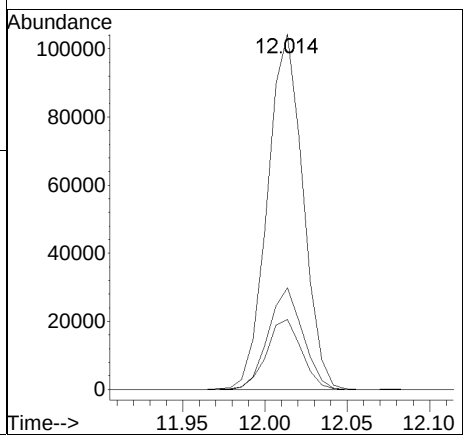


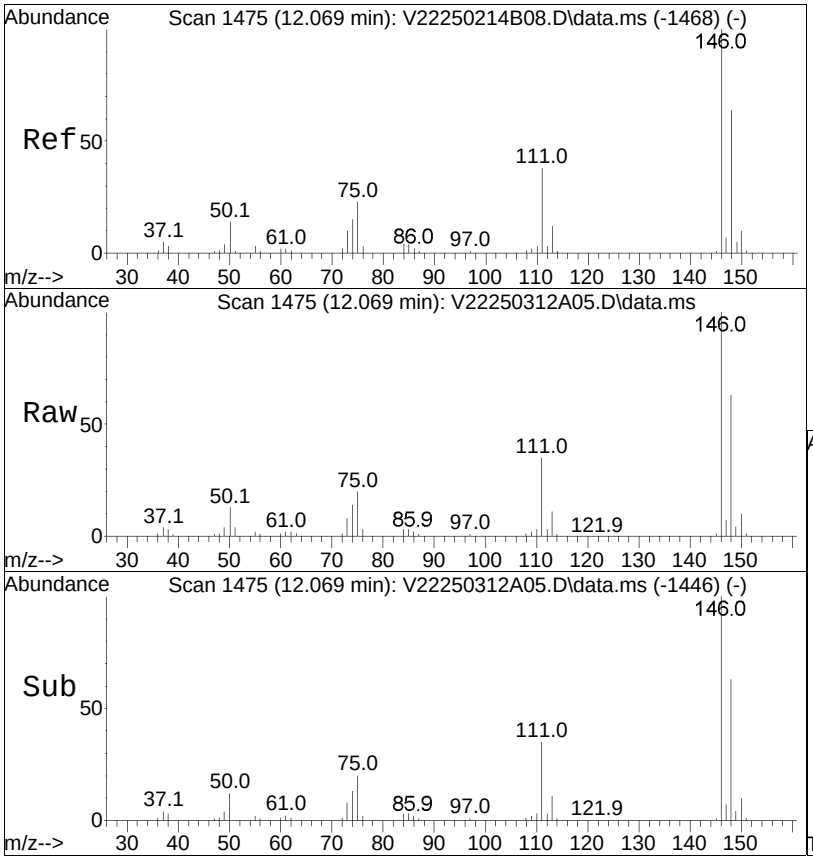


#103
p-Isopropyltoluene
Concen: 10.69 ug/L
RT: 12.014 min Scan# 1467
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:119 Resp: 156245

Ion	Ratio	Lower	Upper
119	100		
134	27.9	17.5	36.3
91	19.5	13.7	28.5

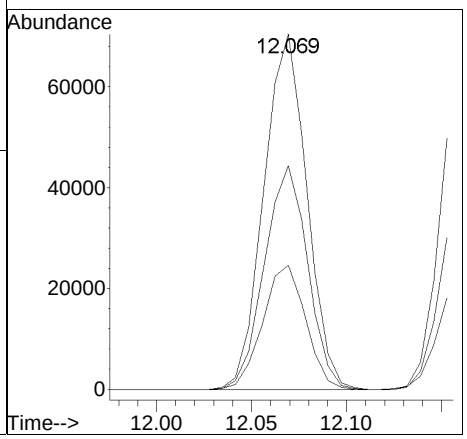


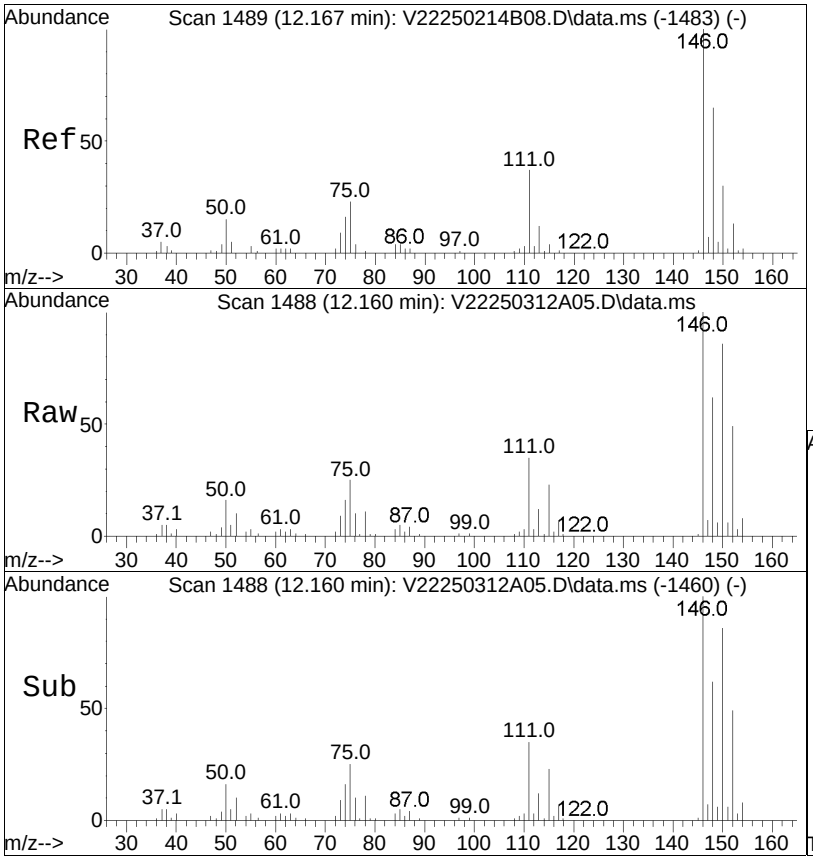


#104
1,3-Dichlorobenzene
Concen: 11.08 ug/L
RT: 12.069 min Scan# 1475
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:146 Resp: 110828

Ion	Ratio	Lower	Upper
146	100		
111	34.9	24.8	51.6
148	63.2	41.7	86.5

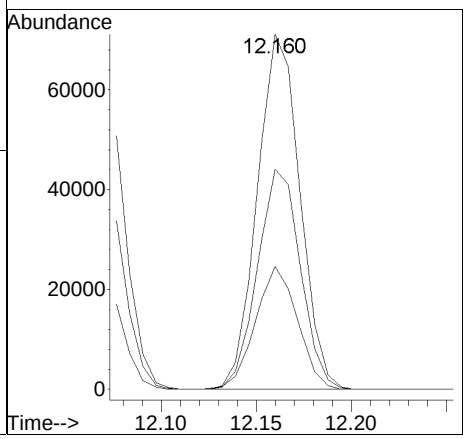


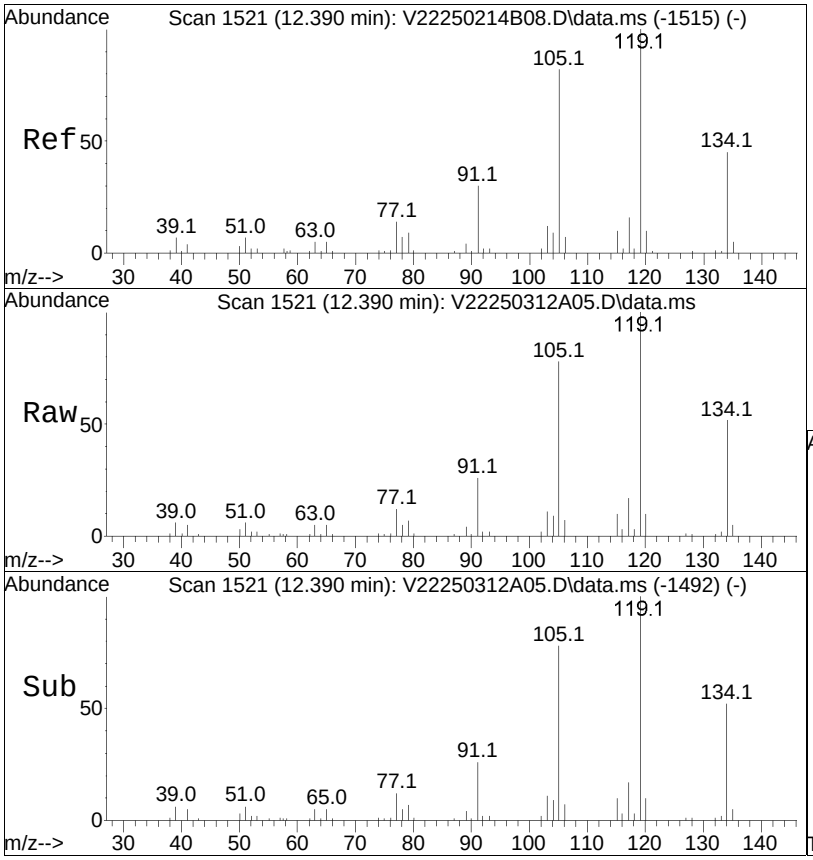


#105
1,4-Dichlorobenzene
Concen: 10.94 ug/L
RT: 12.160 min Scan# 1488
Delta R.T. -0.007 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:146 Resp: 110998

Ion	Ratio	Lower	Upper
146	100		
111	34.2	31.0	46.4
148	62.5	51.8	77.6

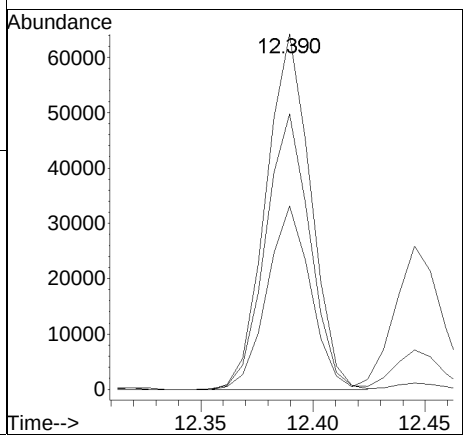


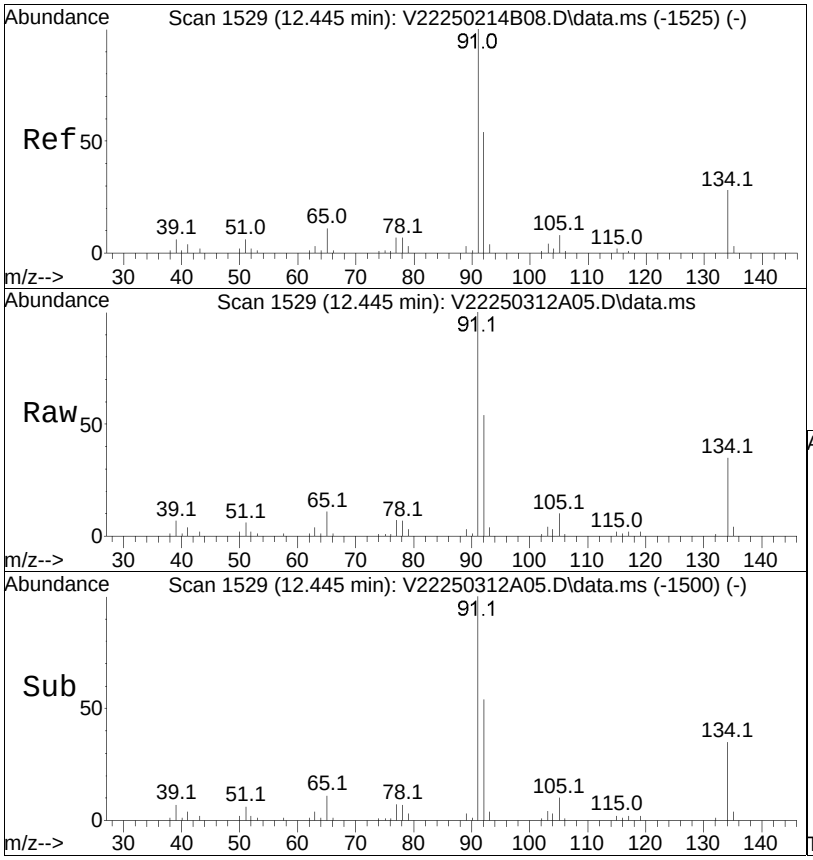


#106
p-Diethylbenzene
Concen: 10.47 ug/L
RT: 12.390 min Scan# 1521
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:119 Resp: 88652

Ion	Ratio	Lower	Upper
119	100		
105	77.1	52.9	109.9
134	50.2	30.4	63.2

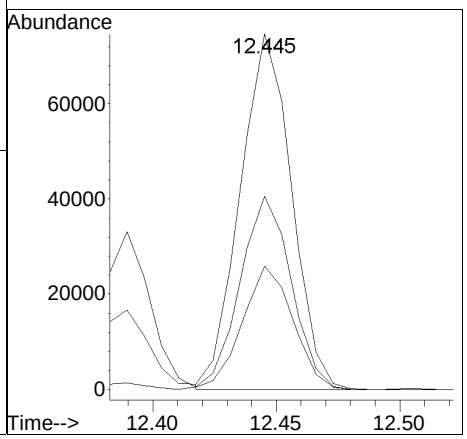


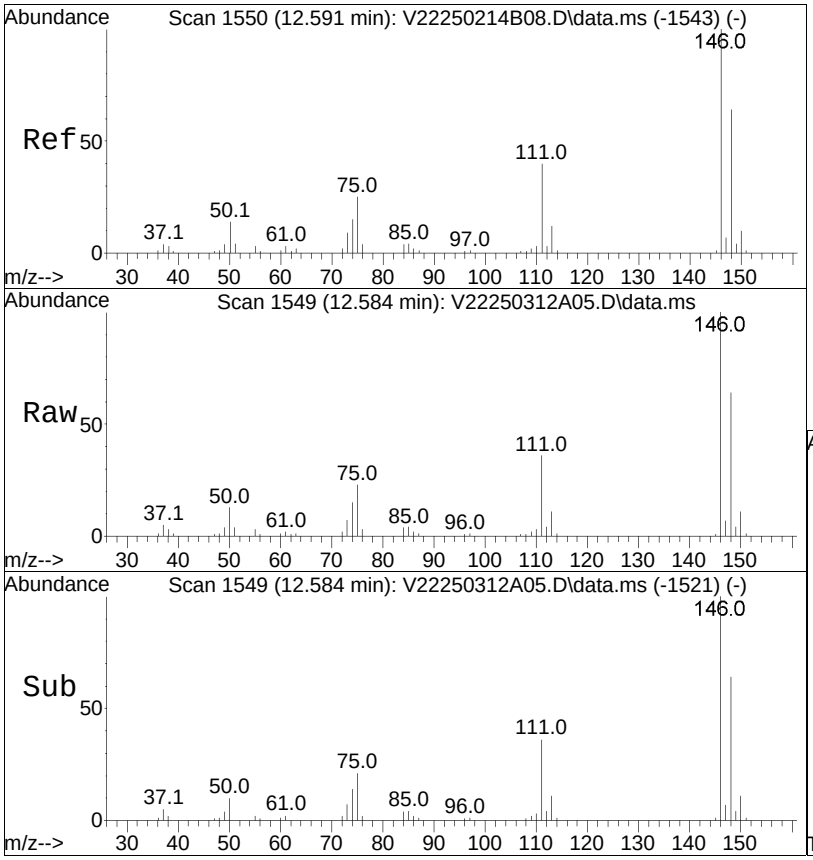


#107
n-Butylbenzene
Concen: 9.57 ug/L
RT: 12.445 min Scan# 1529
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion: 91 Resp: 108051

Ion	Ratio	Lower	Upper
91	100		
92	54.1	43.2	64.8
134	34.1	23.2	34.8

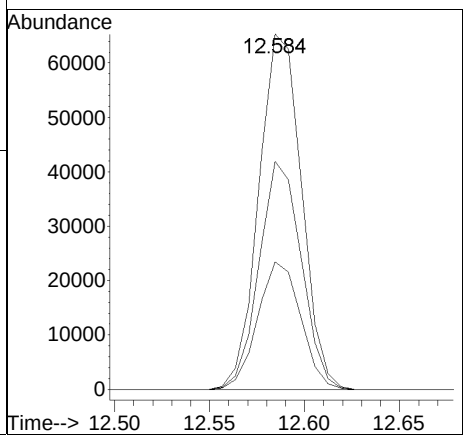


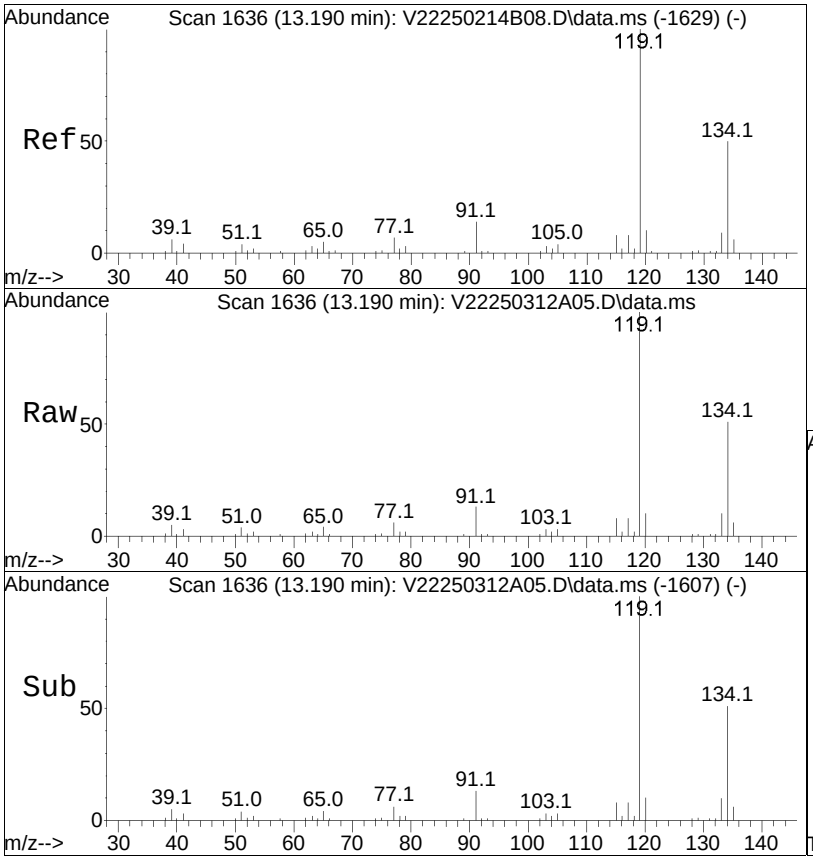


#108
1,2-Dichlorobenzene
Concen: 10.82 ug/L
RT: 12.584 min Scan# 1549
Delta R.T. -0.007 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:146 Resp: 102203

Ion	Ratio	Lower	Upper
146	100		
111	36.2	26.2	54.4
148	63.3	41.7	86.7

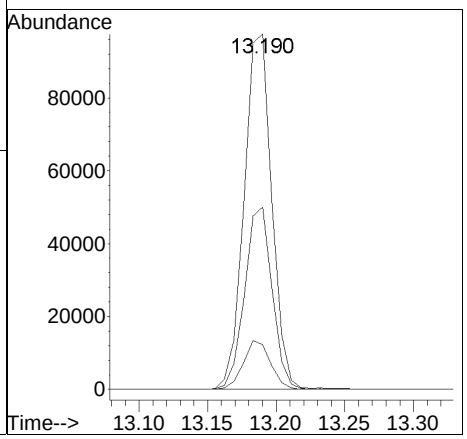


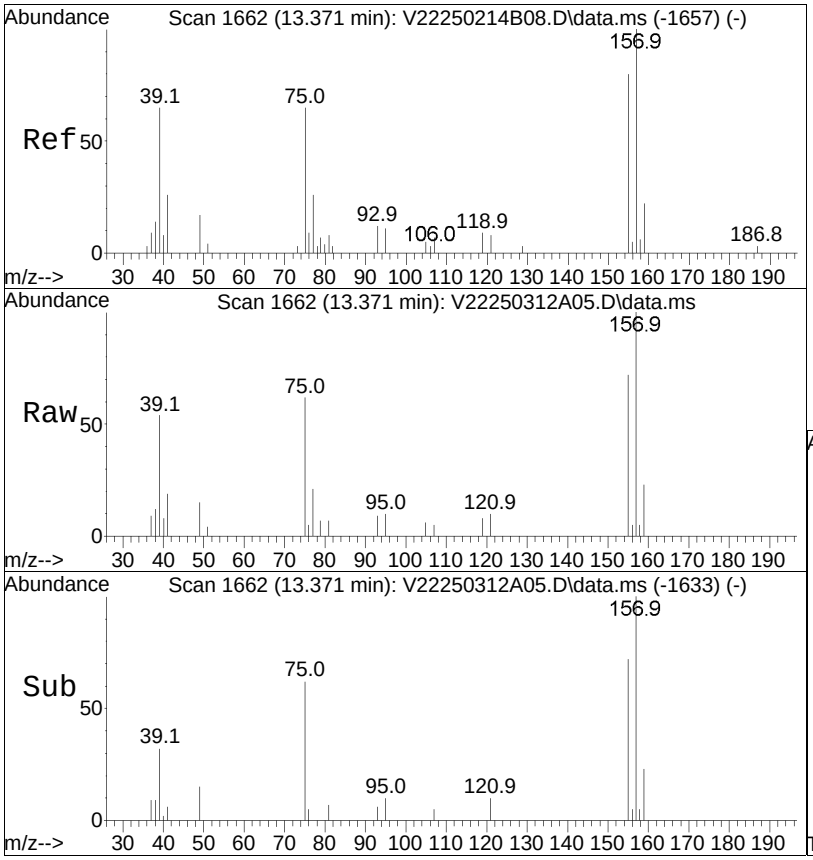


#109
1,2,4,5-Tetramethylbenzene
Concen: 10.36 ug/L
RT: 13.190 min Scan# 1636
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:119 Resp: 136986

Ion	Ratio	Lower	Upper
119	100		
134	50.9	31.9	66.3
91	13.5	9.2	19.2

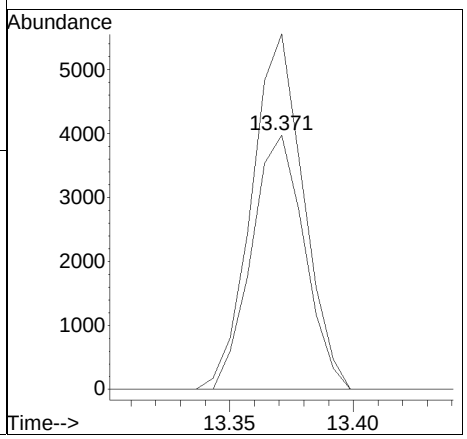


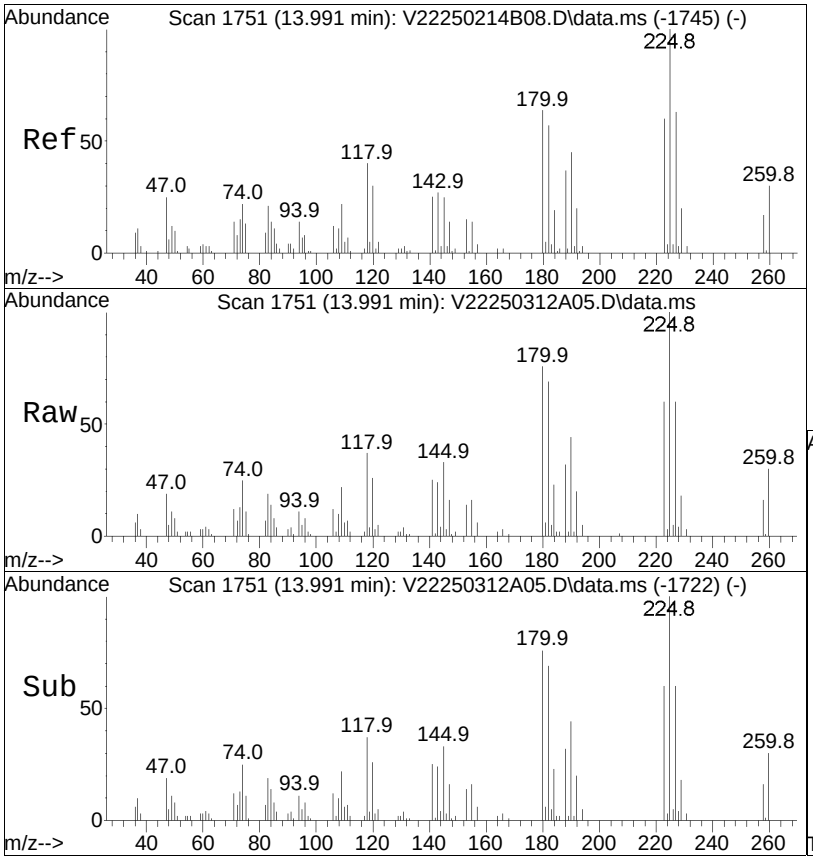


#110
1,2-Dibromo-3-chloropropane
Concen: 9.88 ug/L
RT: 13.371 min Scan# 1662
Delta R.T. 0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:155 Resp: 5913

Ion	Ratio	Lower	Upper
155	100		
157	137.5	102.6	154.0

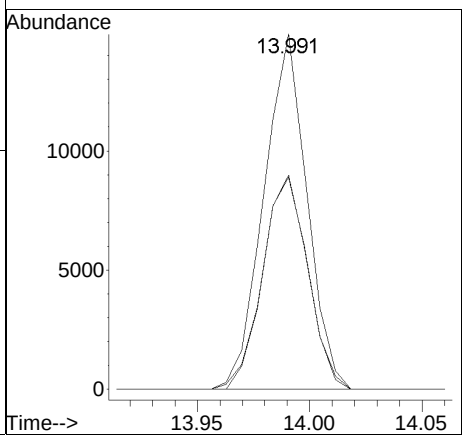


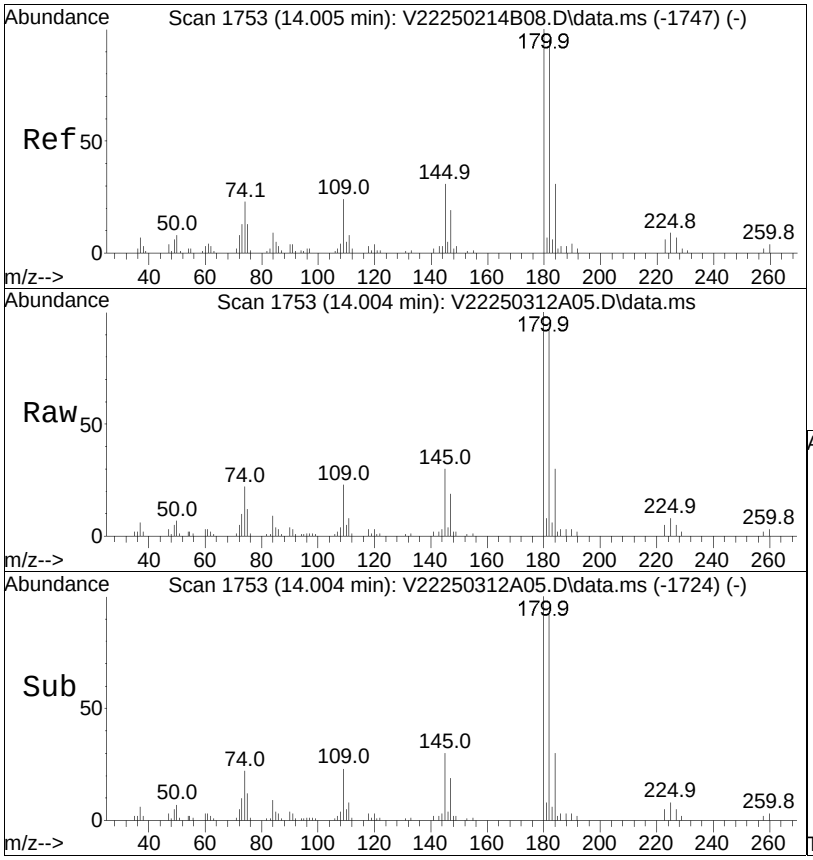


#112
Hexachlorobutadiene
Concen: 11.38 ug/L
RT: 13.991 min Scan# 1751
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:225 Resp: 19905

Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.1	72.1
227	62.6	49.7	74.5

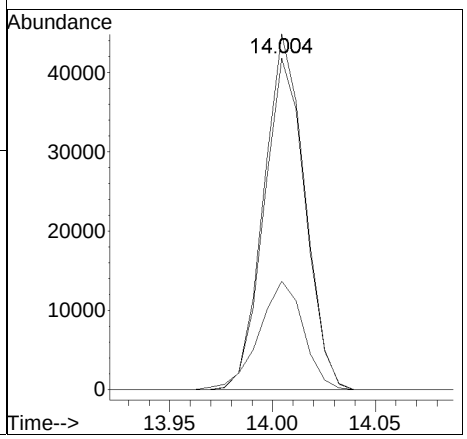


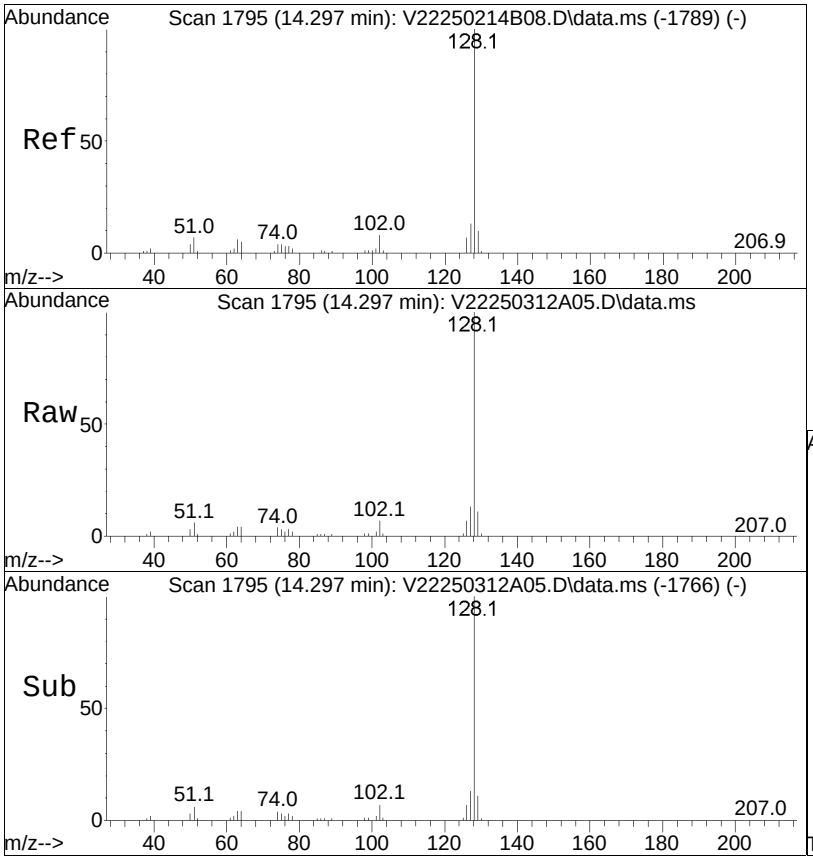


#113
1,2,4-Trichlorobenzene
Concen: 11.07 ug/L
RT: 14.004 min Scan# 1753
Delta R.T. -0.001 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:180 Resp: 61809

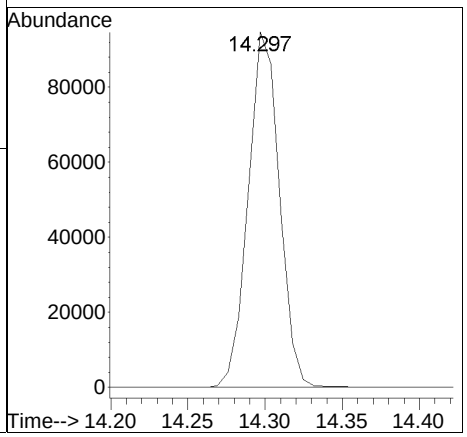
Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.3	112.9
145	33.0	25.0	37.6

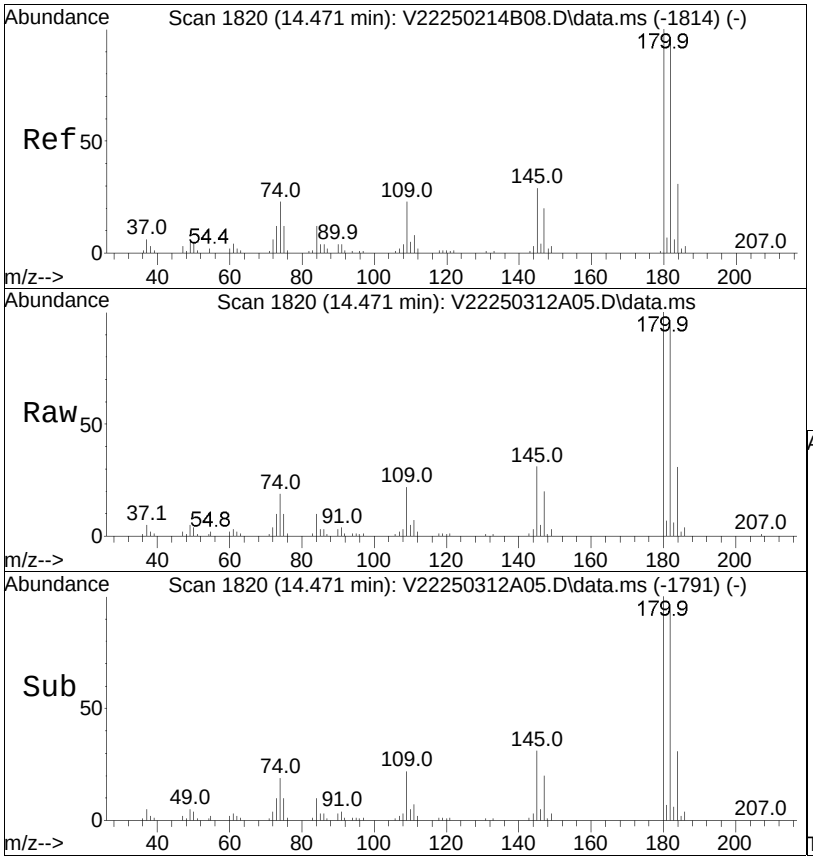




#114
Naphthalene
Concen: 10.85 ug/L
RT: 14.297 min Scan# 1795
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:128 Resp: 133251

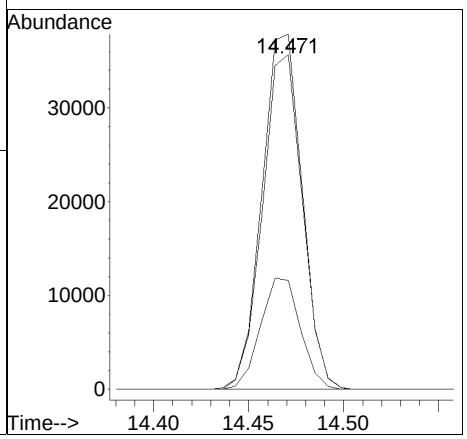




#115
1,2,3-Trichlorobenzene
Concen: 11.38 ug/L
RT: 14.471 min Scan# 1820
Delta R.T. -0.000 min
Lab File: V22250312A05.D
Acq: 12 Mar 2025 08:35 am

Tgt Ion:180 Resp: 55759

Ion	Ratio	Lower	Upper
180	100		
182	93.4	74.2	111.2
145	31.1	24.2	36.2

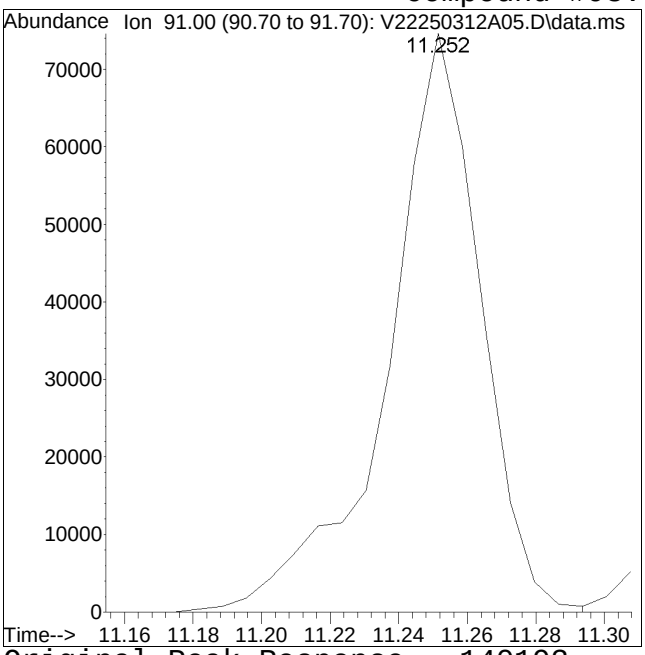


Manual Integration Report

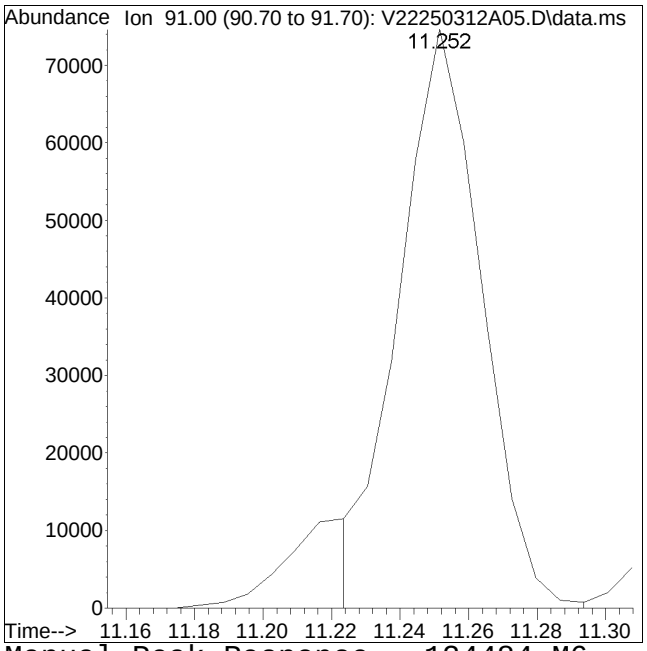
Data Path : K:\VOA122\2025\250312A\
Data File : V22250312A05.D
Date Inj'd : 3/12/2025 8:35 am
Sample : WG2039694-4,31,10,10

QMethod : V122_2501214B_8260.m
Operator : VOA122:PID
Instrument : VOA 122
Quant Date : 3/12/2025 9:05 am

Compound #93: 2-Chlorotoluene



Original Peak Response = 140193



Manual Peak Response = 124484 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A02.D
Acq On : 12 Mar 2025 9:51 am
Operator : ELAINE:PID
Sample : WG2039699-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 12 10:31:52 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250312A\VE250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.768	96	293639	10.000 ug/L	0.00
Standard Area 1 = 297682			Recovery = 98.64%		
63) Chlorobenzene-d5	9.275	117	220579	10.000 ug/L	0.00
Standard Area 1 = 223126			Recovery = 98.86%		
84) 1,4-Dichlorobenzene-d4	12.032	152	122323	10.000 ug/L	0.00
Standard Area 1 = 121415			Recovery = 100.75%		
System Monitoring Compounds					
39) Dibromofluoromethane	4.973	113	83649	10.438 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.38%		
47) 1,2-Dichloroethane-d4	5.491	65	90447	10.662 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.62%		
64) Toluene-d8	7.447	98	292798	10.033 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.33%		
88) 4-Bromofluorobenzene	10.799	95	104619	10.687 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.87%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.522	85	60217	7.970 ug/L	98
3) Chloromethane	1.702	50	57986	8.514 ug/L	99
4) Vinyl chloride	1.773	62	71923	8.132 ug/L	99
5) Bromomethane	2.062	94	44245	5.667 ug/L	96
6) Chloroethane	2.172	64	57529	8.495 ug/L	96
7) Trichlorofluoromethane	2.308	101	111564	7.316 ug/L	98
8) Ethyl ether	2.589	74	38536	8.482 ug/L	90
10) 1,1-Dichloroethene	2.774	96	66956	8.118 ug/L	94
11) Carbon disulfide	2.800	76	199664	8.588 ug/L	100
15) Methylene chloride	3.314	84	70848	10.246 ug/L	97
17) Acetone	3.349	43	11874	10.108 ug/L	95
18) trans-1,2-Dichloroethene	3.459	96	65899	10.189 ug/L	95
21) Methyl tert-butyl ether	3.555	73	142968	9.374 ug/L #	96
25) 1,1-Dichloroethane	4.029	63	125031	10.461 ug/L	99
27) Acrylonitrile	4.069	53	15743	10.514 ug/L	98
29) Vinyl acetate	4.258	43	110623	9.313 ug/L	99
30) cis-1,2-Dichloroethene	4.534	96	76324	10.126 ug/L	97
31) 2,2-Dichloropropane	4.635	77	93124	9.397 ug/L #	99
33) Bromochloromethane	4.727	128	36122	10.505 ug/L	98
35) Chloroform	4.802	83	123307	10.416 ug/L	99

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A02.D
Acq On : 12 Mar 2025 9:51 am
Operator : ELAINE:PID
Sample : WG2039699-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 12 10:31:52 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250312A\VE250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
37) Carbon tetrachloride	4.929	117	91289M6	10.421	ug/L		
40) 1,1,1-Trichloroethane	4.991	97	97550	10.019	ug/L		98
42) 2-Butanone	5.088	43	19847	12.125	ug/L	#	80
43) 1,1-Dichloropropene	5.114	75	75921	9.597	ug/L		98
45) Benzene	5.355	78	246500	9.458	ug/L		99
48) 1,2-Dichloroethane	5.557	62	83445	10.138	ug/L		99
52) Trichloroethene	5.945	95	61541	9.731	ug/L		99
54) Dibromomethane	6.384	93	37608	9.504	ug/L		95
55) 1,2-Dichloropropane	6.483	63	64899	10.583	ug/L		99
58) Bromodichloromethane	6.565	83	86140	9.774	ug/L		99
61) 1,4-Dioxane	6.773	88	20289	642.137	ug/L		96
62) cis-1,3-Dichloropropene	7.244	75	91575	9.598	ug/L		99
65) Toluene	7.506	92	149946	9.089	ug/L		98
66) 4-Methyl-2-pentanone	7.941	58	11603	8.247	ug/L		93
67) Tetrachloroethene	7.954	166	65289	10.288	ug/L		97
69) trans-1,3-Dichloropropene	7.990	75	72419	9.079	ug/L		99
72) 1,1,2-Trichloroethane	8.176	83	37956	9.163	ug/L		95
73) Chlorodibromomethane	8.380	129	55257	9.585	ug/L		98
74) 1,3-Dichloropropane	8.493	76	84045	9.815	ug/L		98
75) 1,2-Dibromoethane	8.651	107	46608	9.830	ug/L		97
77) 2-Hexanone	8.941	43	19867	8.865	ug/L		97
78) Chlorobenzene	9.298	112	175251	9.339	ug/L		98
79) Ethylbenzene	9.339	91	303065	9.177	ug/L		99
80) 1,1,1,2-Tetrachloroethane	9.389	131	55868	9.550	ug/L		99
81) p/m Xylene	9.529	106	248919	18.423	ug/L		100
82) o Xylene	10.072	106	244558	18.184	ug/L		98
83) Styrene	10.140	104	398491	17.395	ug/L		99
85) Bromoform	10.167	173	31016	8.992	ug/L		96
87) Isopropylbenzene	10.468	105	317538	9.411	ug/L		100
89) Bromobenzene	10.909	156	73536	9.770	ug/L		100
90) n-Propylbenzene	10.962	91	374568	9.210	ug/L		99
92) 1,1,2,2-Tetrachloroethane	11.054	83	53190	9.281	ug/L		98
93) 4-Ethyltoluene	11.094	105	308906	9.188	ug/L		98
94) 2-Chlorotoluene	11.129	91	226898M1	9.830	ug/L		
95) 1,3,5-Trimethylbenzene	11.191	105	266611	8.897	ug/L		100
96) 1,2,3-Trichloropropane	11.191	75	44071	9.089	ug/L		98
97) trans-1,4-Dichloro-2-b...	11.248	53	12800	7.761	ug/L		94
98) 4-Chlorotoluene	11.319	91	236438	9.872	ug/L		100
99) tert-Butylbenzene	11.539	119	233962	9.368	ug/L		98

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A02.D
Acq On : 12 Mar 2025 9:51 am
Operator : ELAINE:PID
Sample : WG2039699-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 12 10:31:52 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Elaine\2025\250312A\VE250312A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
102) 1,2,4-Trimethylbenzene	11.618	105	265944	9.066	ug/L	99
103) sec-Butylbenzene	11.733	105	343012	9.059	ug/L	99
104) p-Isopropyltoluene	11.892	119	297311	8.955	ug/L	100
105) 1,3-Dichlorobenzene	11.953	146	158061	9.650	ug/L	99
106) 1,4-Dichlorobenzene	12.046	146	152925	9.384	ug/L	99
107) p-Diethylbenzene	12.266	119	173059	8.794	ug/L	98
108) n-Butylbenzene	12.323	91	246630	8.660	ug/L	98
109) 1,2-Dichlorobenzene	12.473	146	147245	9.570	ug/L	97
110) 1,2,4,5-Tetramethylben...	13.068	119	283137	9.120	ug/L	99
111) 1,2-Dibromo-3-chloropr...	13.253	155	8433	9.499	ug/L	90
113) Hexachlorobutadiene	13.870	225	29713	10.011	ug/L	99
114) 1,2,4-Trichlorobenzene	13.892	180	96340	9.930	ug/L	99
115) Naphthalene	14.182	128	213062	9.230	ug/L	100
116) 1,2,3-Trichlorobenzene	14.350	180	85938	9.661	ug/L	99

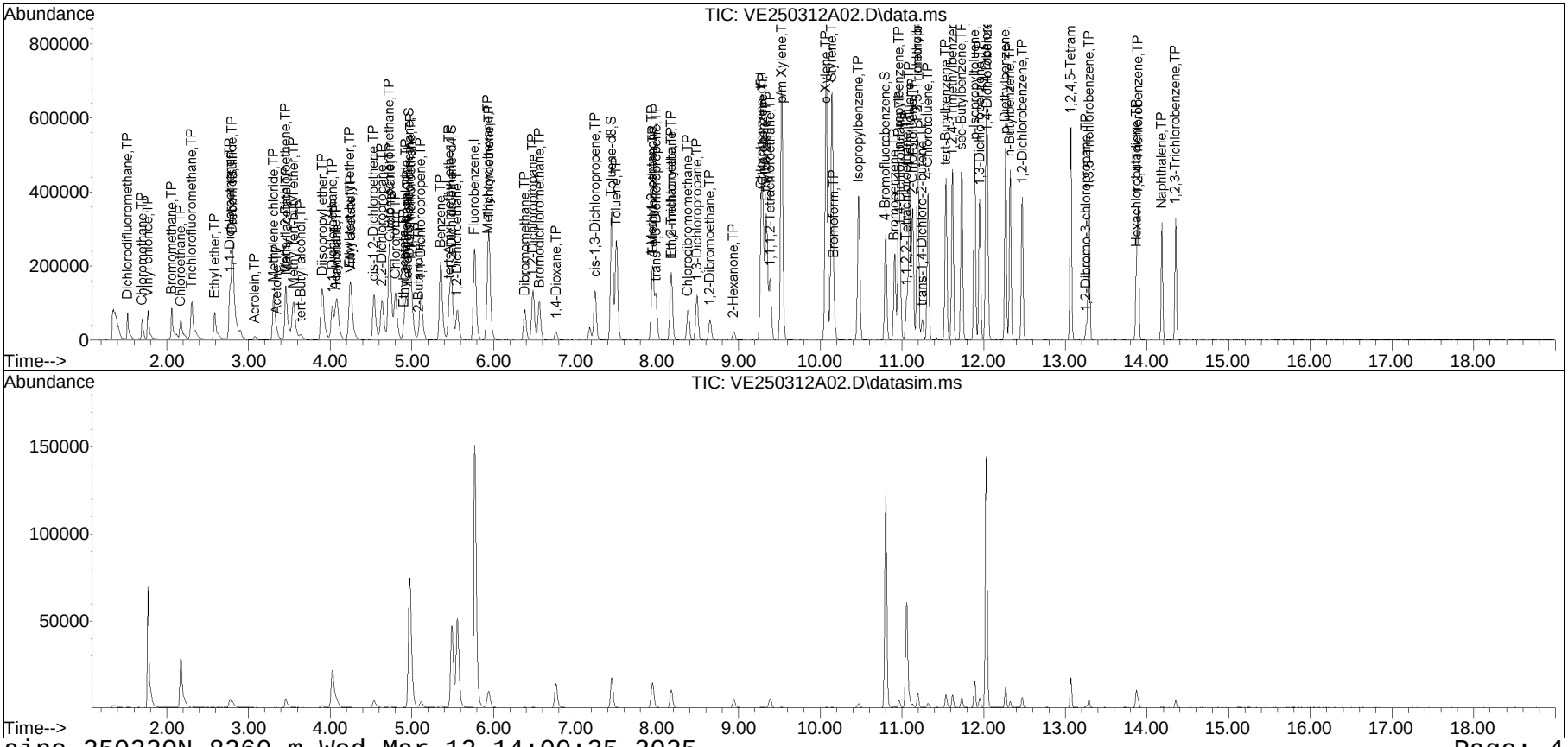
(#) = qualifier out of range (m) = manual integration (+) = signals summed

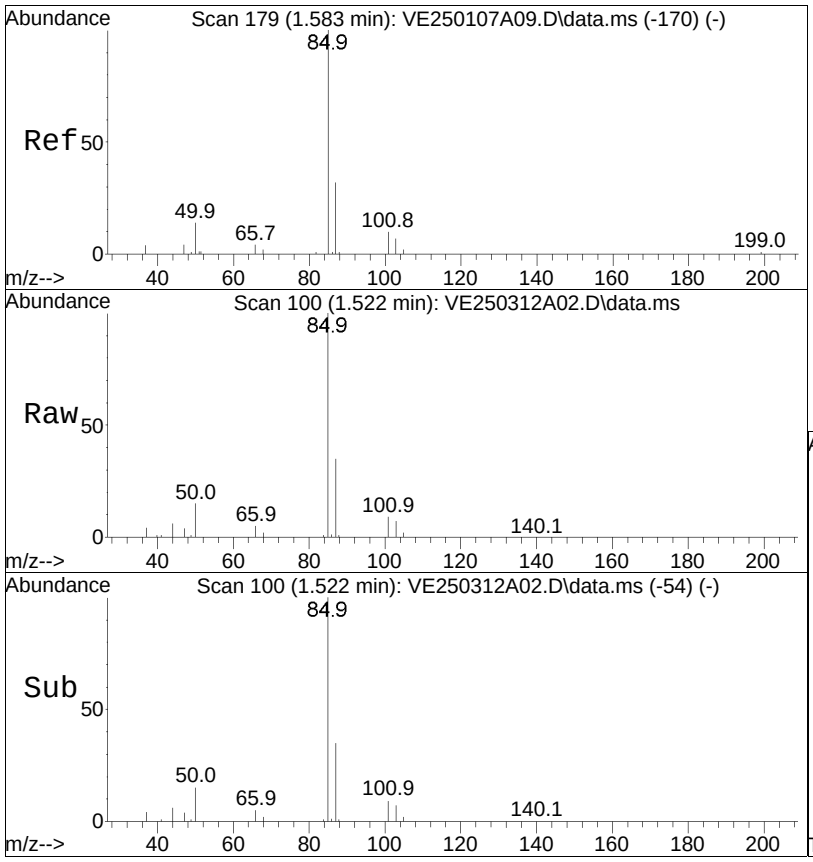
Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A02.D
Acq On : 12 Mar 2025 9:51 am
Operator : ELAINE:PID
Sample : WG2039699-4,31,10,10 (Sig #1); 8260 CCAL (Sig #2)
Misc : WG2039699,ICAL22018 (Sig #1); WG,ICAL22018 (Sig #2)
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 12 10:31:52 2025
Quant Method : K:\Elaine\2025\250312A\Elaine_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Feb 24 07:16:52 2025
Response via : Initial Calibration

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

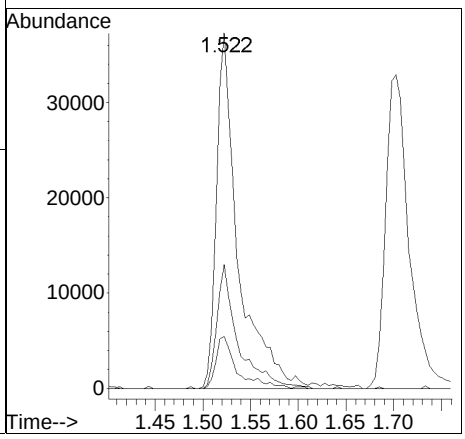


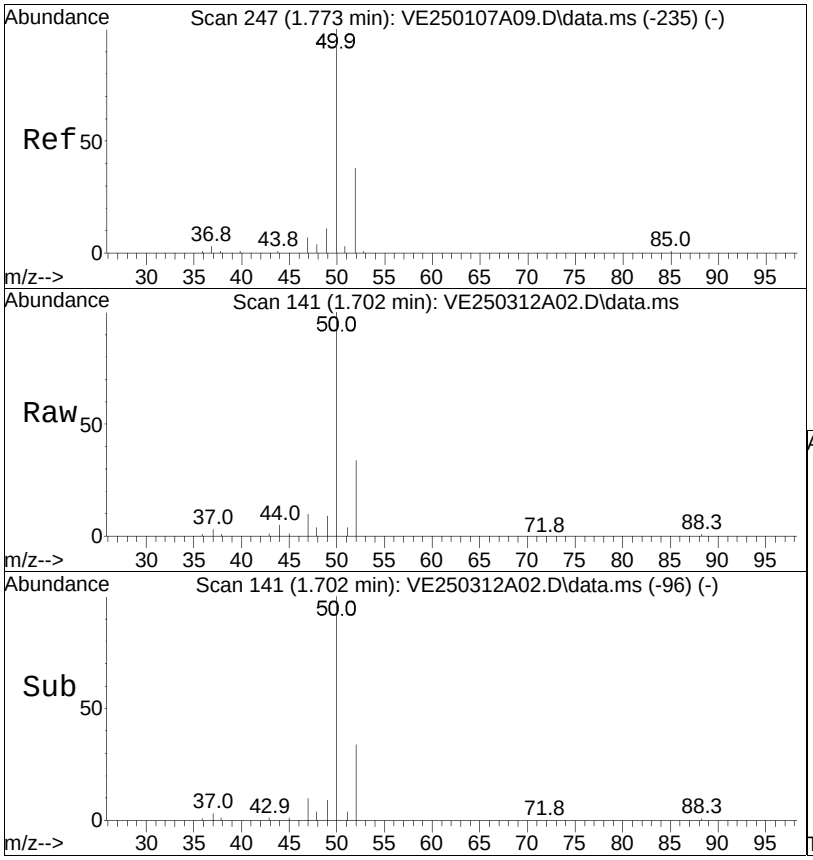


#2
Dichlorodifluoromethane
Concen: 7.97 ug/L
RT: 1.522 min Scan# 100
Delta R.T. 0.000 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 85 Resp: 60217

Ion	Ratio	Lower	Upper
85	100		
87	33.4	21.1	43.7
50	13.8	8.3	17.1

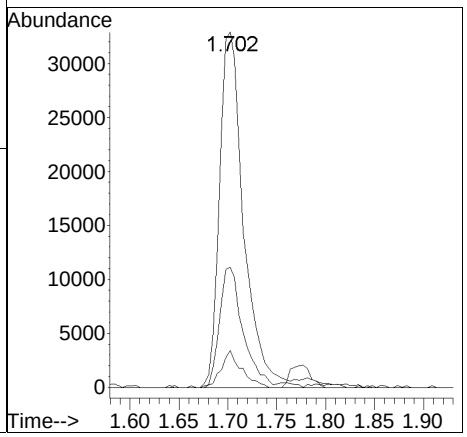


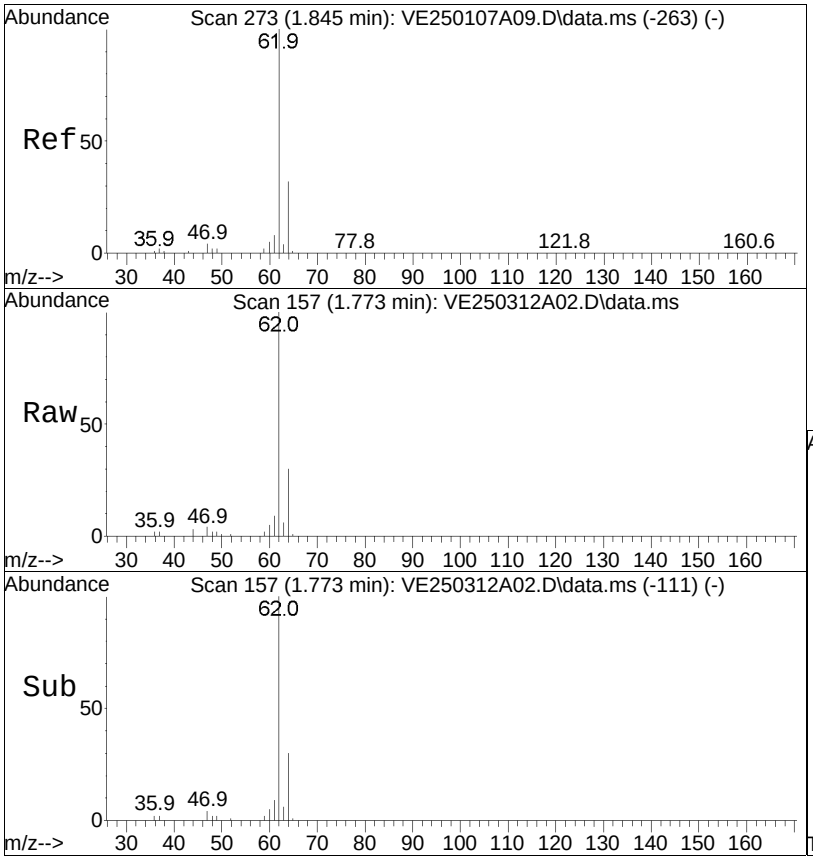


#3
Chloromethane
Concen: 8.51 ug/L
RT: 1.702 min Scan# 141
Delta R.T. -0.001 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 50 Resp: 57986

Ion	Ratio	Lower	Upper
50	100		
52	32.9	12.5	52.5
47	8.4	0.0	27.7

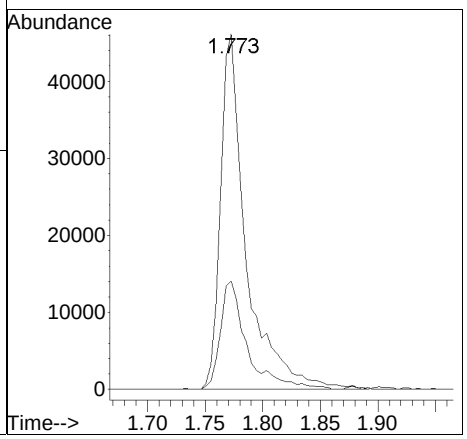


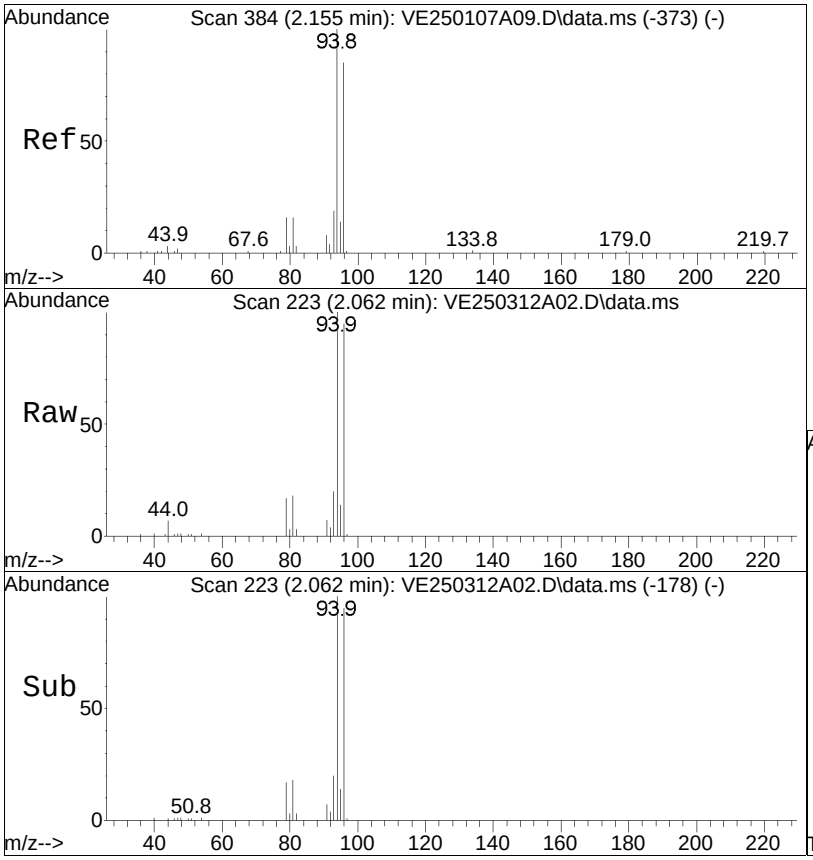


#4
Vinyl chloride
Concen: 8.13 ug/L
RT: 1.773 min Scan# 157
Delta R.T. 0.002 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 62 Resp: 71923

Ion	Ratio	Lower	Upper
62	100		
64	31.8	12.1	52.1

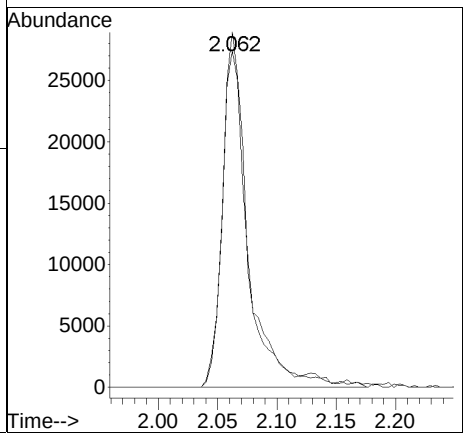


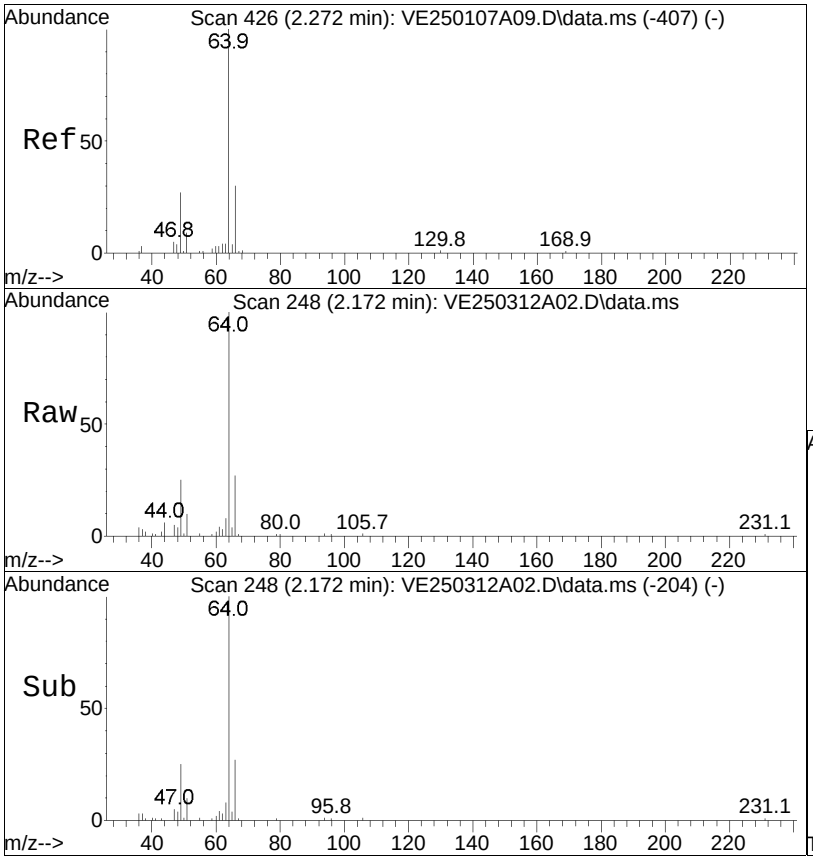


#5
Bromomethane
Concen: 5.67 ug/L
RT: 2.062 min Scan# 223
Delta R.T. -0.003 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 94 Resp: 44245

Ion	Ratio	Lower	Upper
94	100		
96	95.4	71.2	111.2

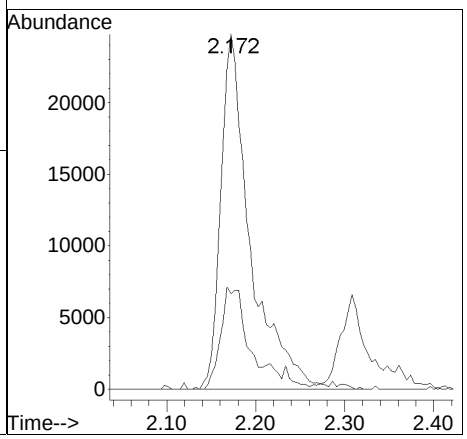


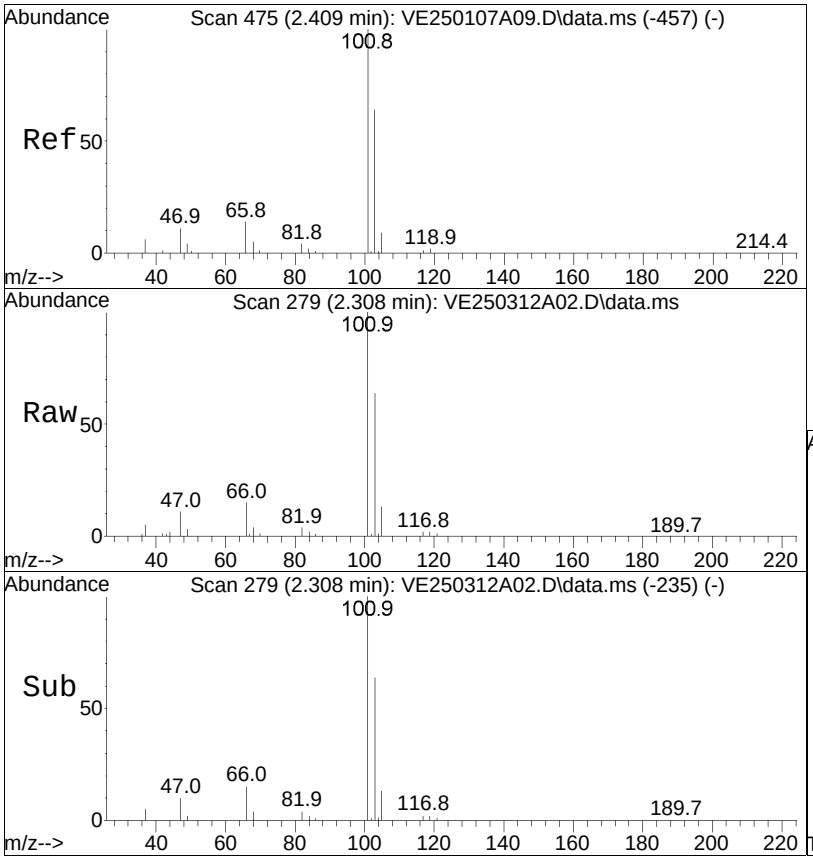


#6
Chloroethane
Concen: 8.50 ug/L
RT: 2.172 min Scan# 248
Delta R.T. -0.008 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 64 Resp: 57529

Ion	Ratio	Lower	Upper
64	100		
66	30.5	12.5	52.5

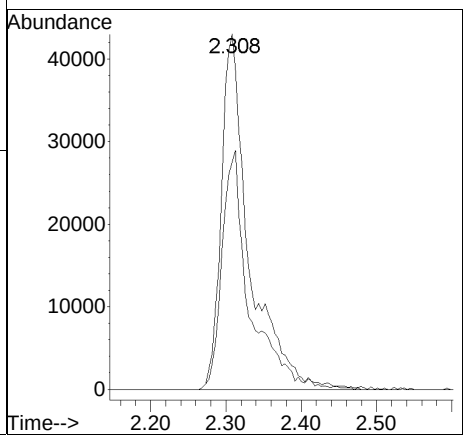


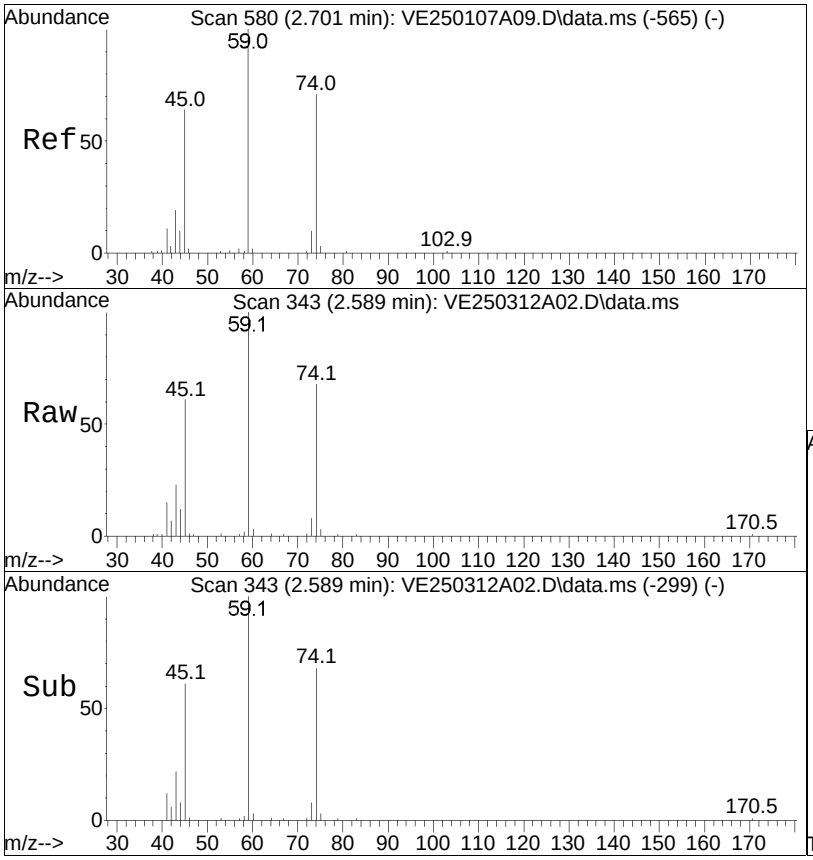


#7
Trichlorofluoromethane
Concen: 7.32 ug/L
RT: 2.308 min Scan# 279
Delta R.T. -0.006 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:101 Resp: 111564

Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.4	77.0

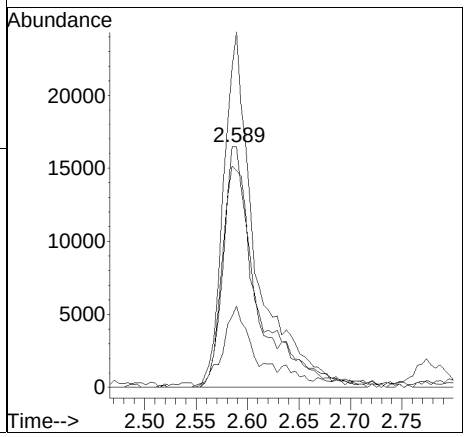


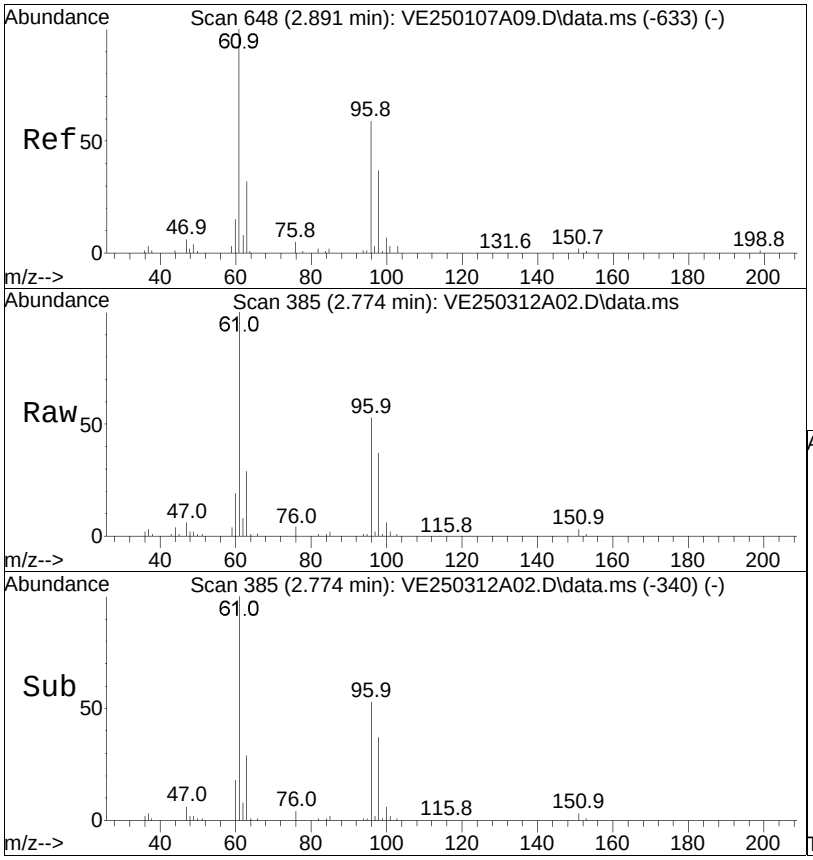


#8
Ethyl ether
Concen: 8.48 ug/L
RT: 2.589 min Scan# 343
Delta R.T. -0.006 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 74 Resp: 38536

Ion	Ratio	Lower	Upper
74	100		
59	139.6	83.9	174.2
45	96.9	56.9	118.3
43	39.9	20.2	42.0

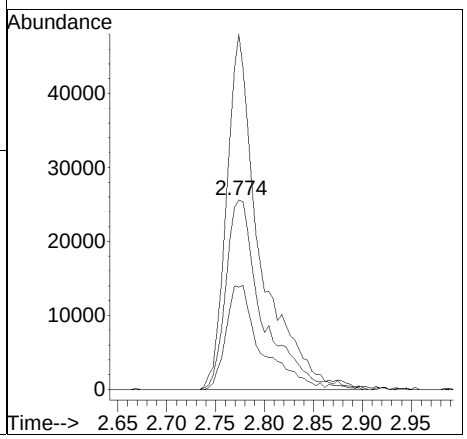


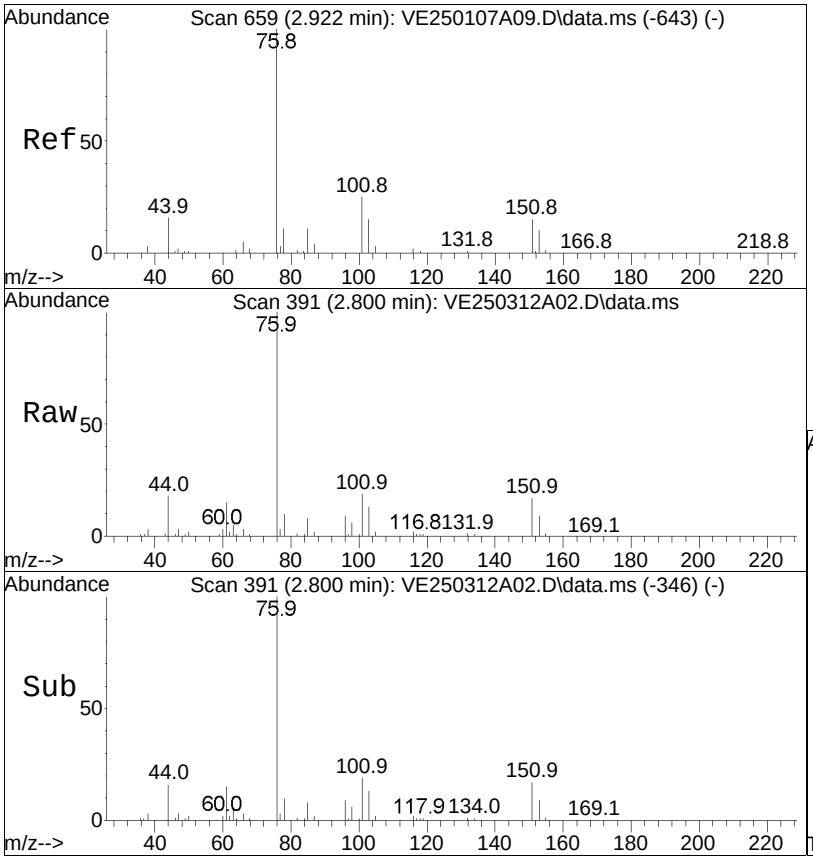


#10
1,1-Dichloroethene
Concen: 8.12 ug/L
RT: 2.774 min Scan# 385
Delta R.T. -0.003 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 96 Resp: 66956

Ion	Ratio	Lower	Upper
96	100		
61	171.1	129.0	193.6
63	54.2	41.7	62.5

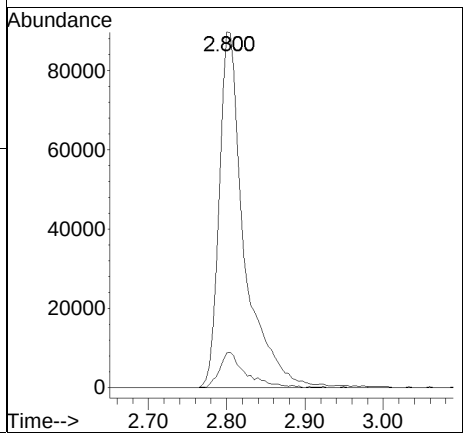


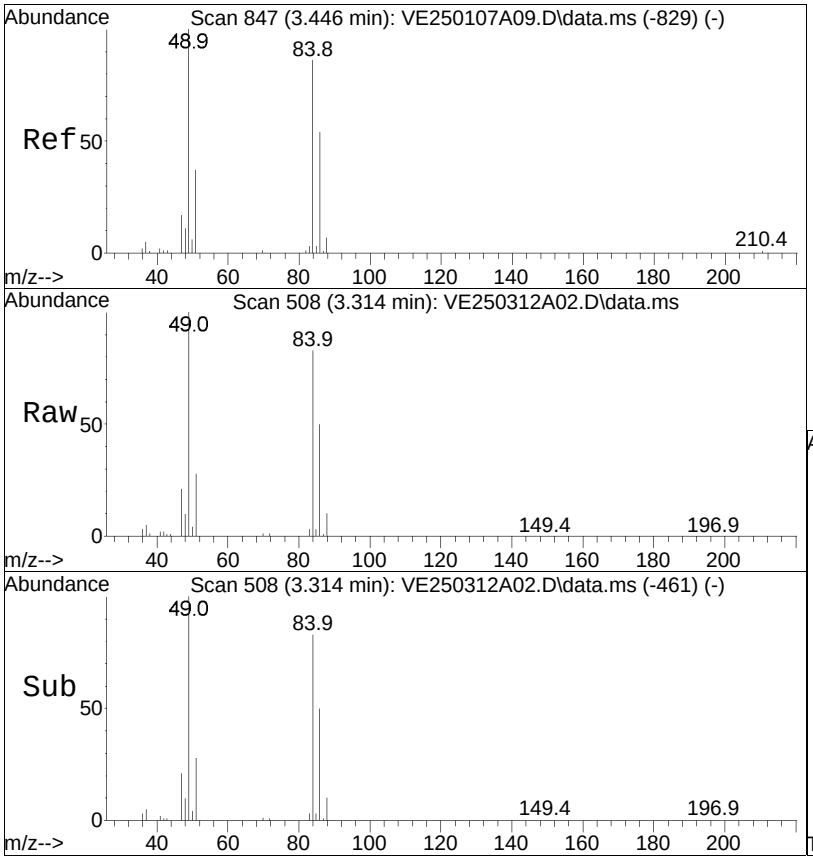


#11
Carbon disulfide
Concen: 8.59 ug/L
RT: 2.800 min Scan# 391
Delta R.T. -0.002 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 76 Resp: 199664

Ion	Ratio	Lower	Upper
76	100		
78	10.2	6.7	13.9

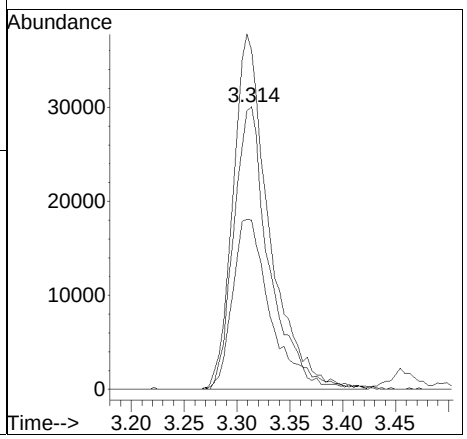


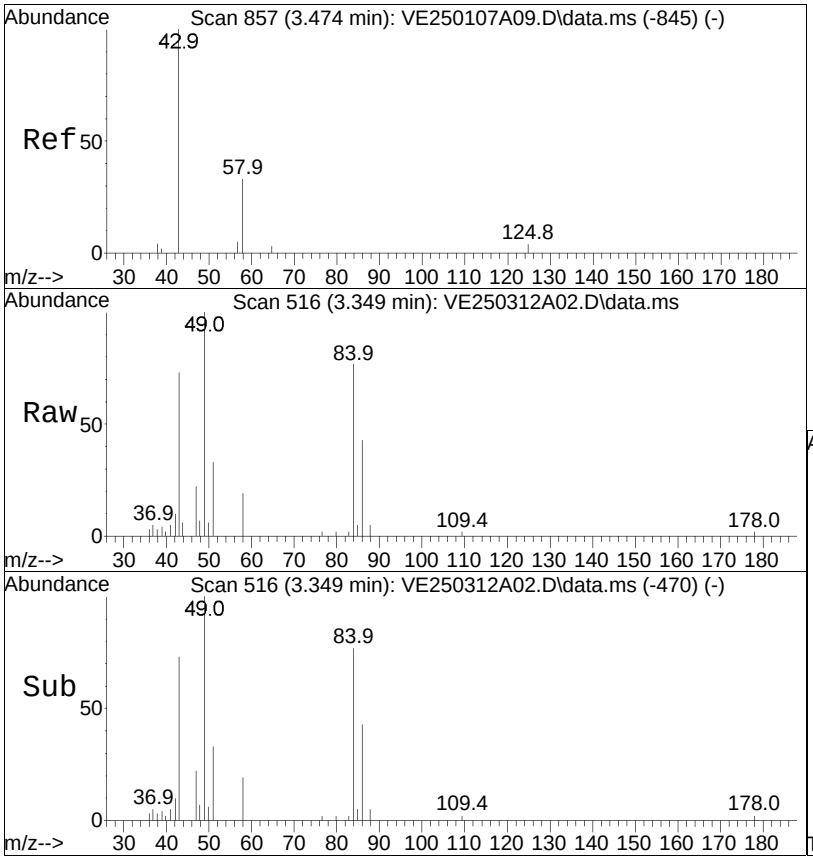


#15
Methylene chloride
Concen: 10.25 ug/L
RT: 3.314 min Scan# 508
Delta R.T. 0.004 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 84 Resp: 70848

Ion	Ratio	Lower	Upper
84	100		
86	64.2	42.1	87.3
49	127.5	79.9	165.9

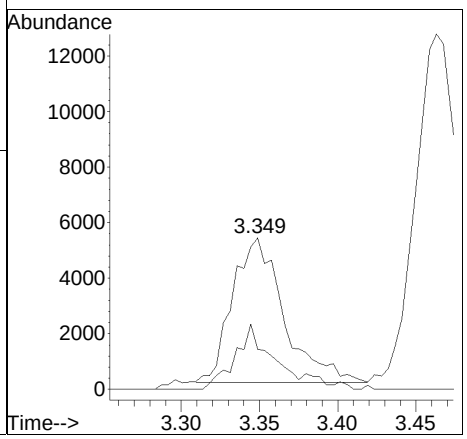


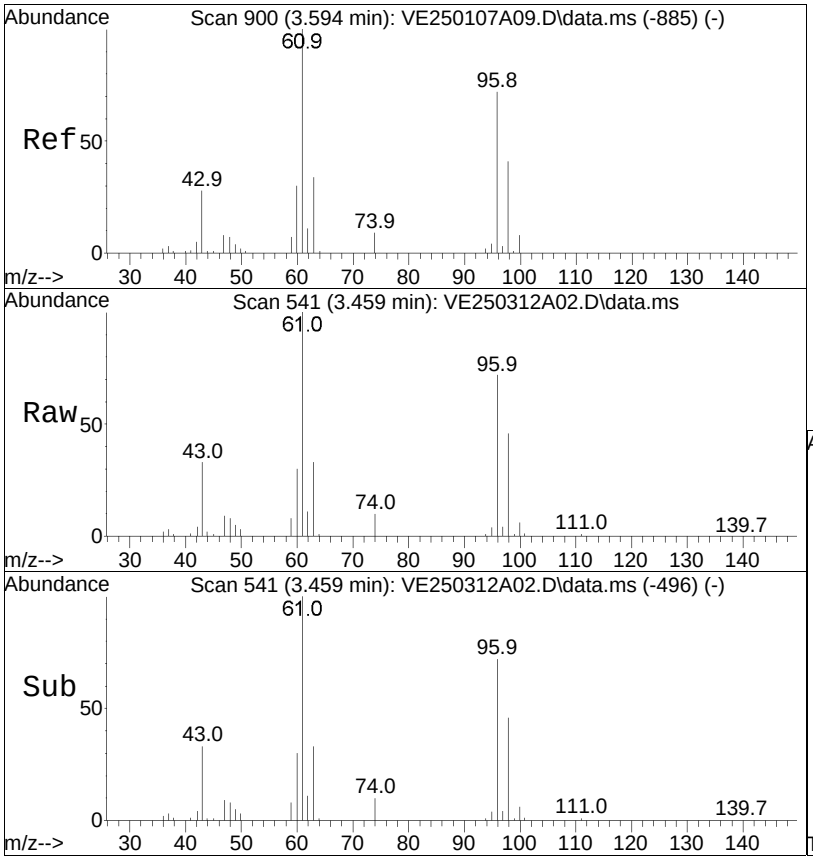


#17
Acetone
Concen: 10.11 ug/L
RT: 3.349 min Scan# 516
Delta R.T. 0.000 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 43 Resp: 11874

Ion	Ratio	Lower	Upper
43	100		
58	36.4	26.6	40.0

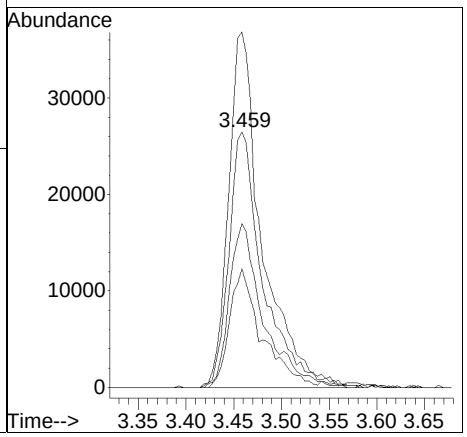


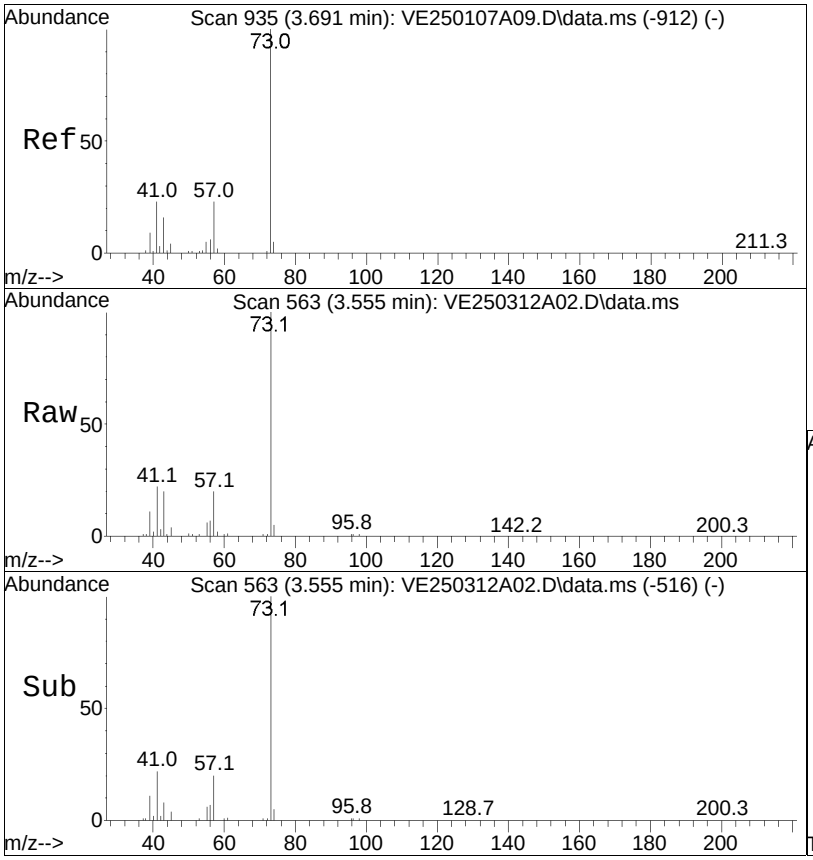


#18
trans-1,2-Dichloroethene
Concen: 10.19 ug/L
RT: 3.459 min Scan# 541
Delta R.T. -0.004 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 96 Resp: 65899

Ion	Ratio	Lower	Upper
96	100		
61	137.4	84.8	176.2
98	64.3	42.0	87.2
63	44.8	26.4	54.8

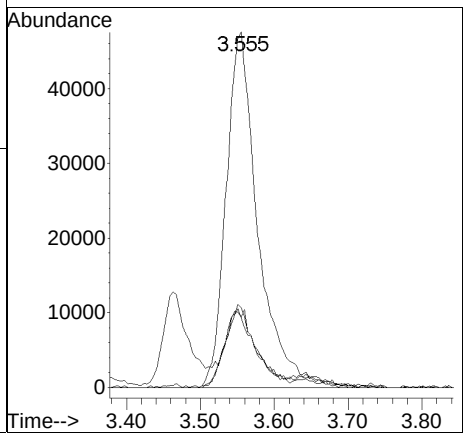


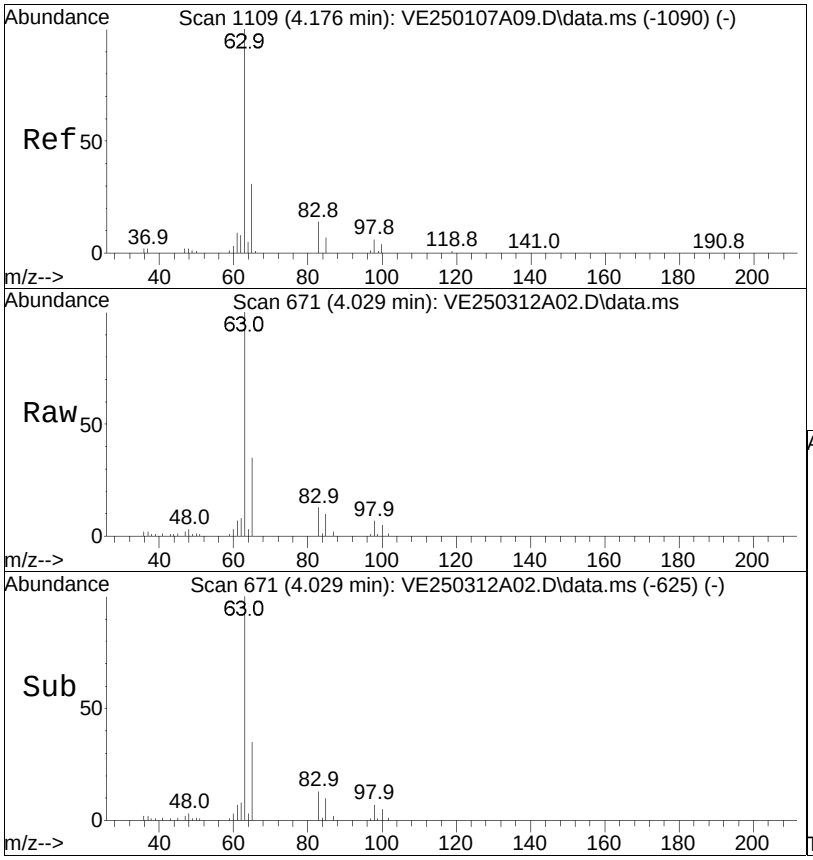


#21
Methyl tert-butyl ether
Concen: 9.37 ug/L
RT: 3.555 min Scan# 563
Delta R.T. 0.006 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 73 Resp: 142968

Ion	Ratio	Lower	Upper
73	100		
57	23.7	15.2	31.6
43	23.0	0.0	0.0#
41	26.0	14.4	30.0

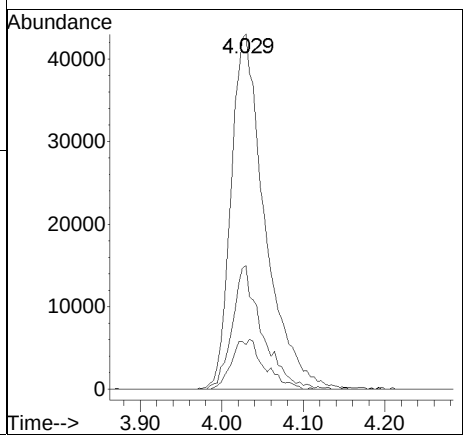


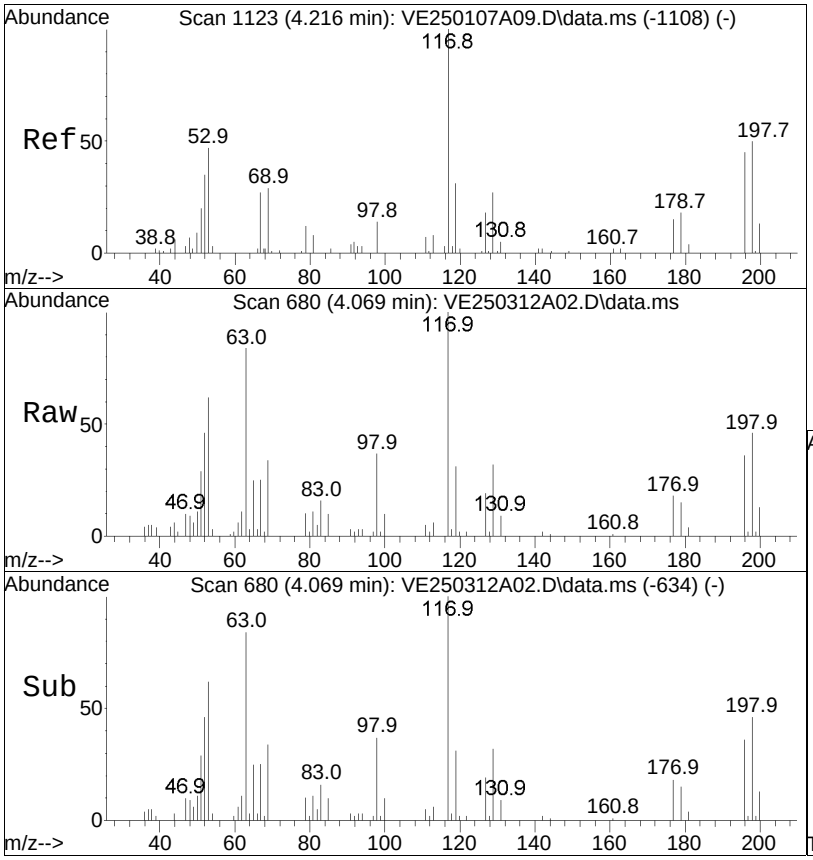


#25
1,1-Dichloroethane
Concen: 10.46 ug/L
RT: 4.029 min Scan# 671
Delta R.T. 0.001 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 63 Resp: 125031

Ion	Ratio	Lower	Upper
63	100		
65	30.7	11.7	51.7
83	13.6	0.0	33.3

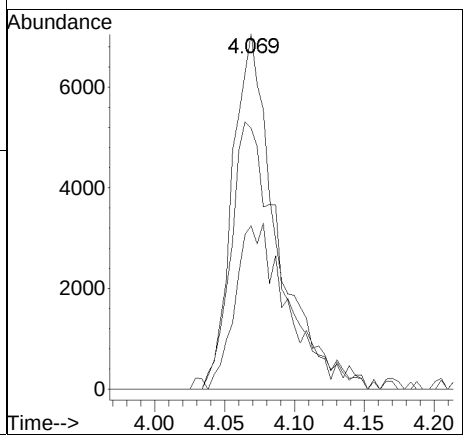


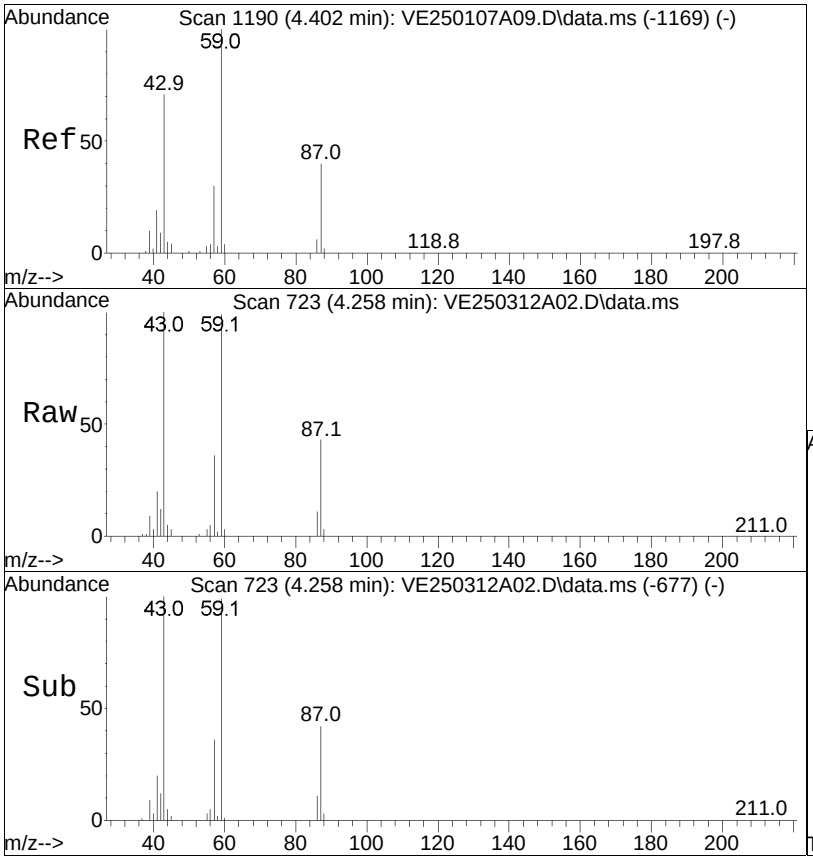


#27
Acrylonitrile
Concen: 10.51 ug/L
RT: 4.069 min Scan# 680
Delta R.T. 0.001 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 53 Resp: 15743

Ion	Ratio	Lower	Upper
53	100		
52	82.4	63.5	95.3
51	57.8	46.7	70.1

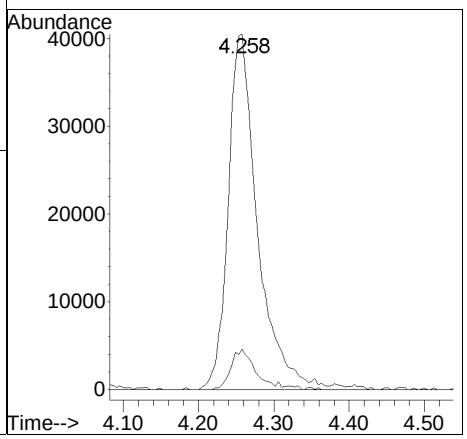


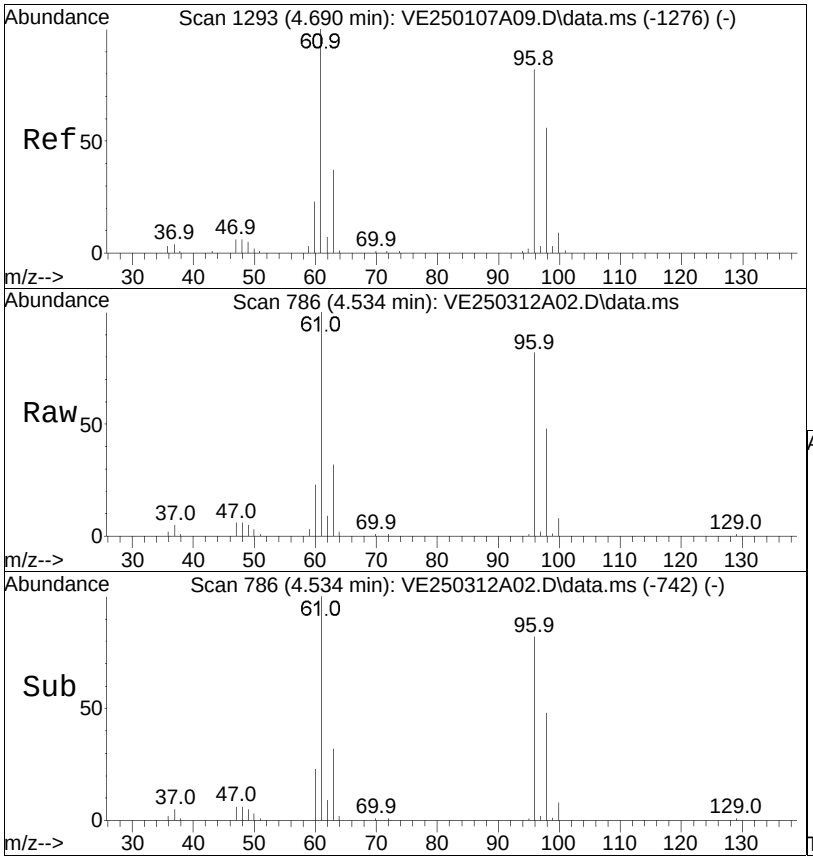


#29
Vinyl acetate
Concen: 9.31 ug/L
RT: 4.258 min Scan# 723
Delta R.T. 0.003 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 43 Resp: 110623

Ion	Ratio	Lower	Upper
43	100		
86	9.7	7.4	11.2

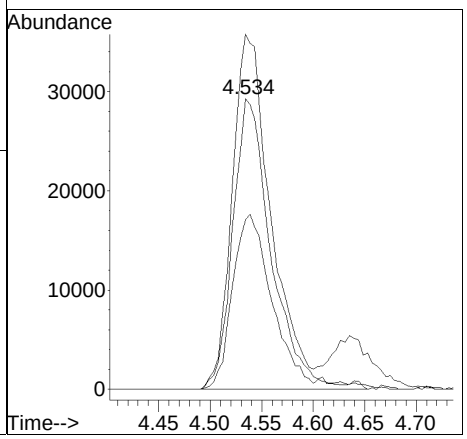


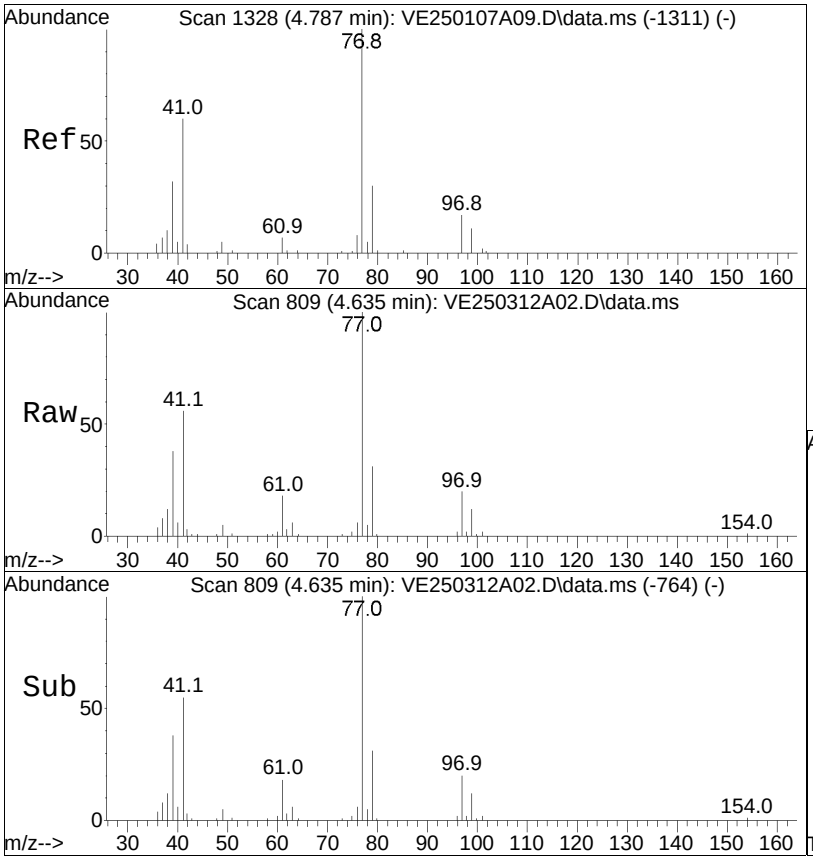


#30
cis-1,2-Dichloroethene
Concen: 10.13 ug/L
RT: 4.534 min Scan# 786
Delta R.T. -0.005 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 96 Resp: 76324

Ion	Ratio	Lower	Upper
96	100		
61	143.1	111.0	166.6
98	64.2	50.3	75.5

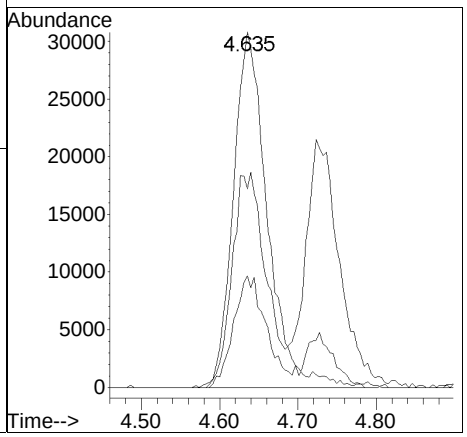


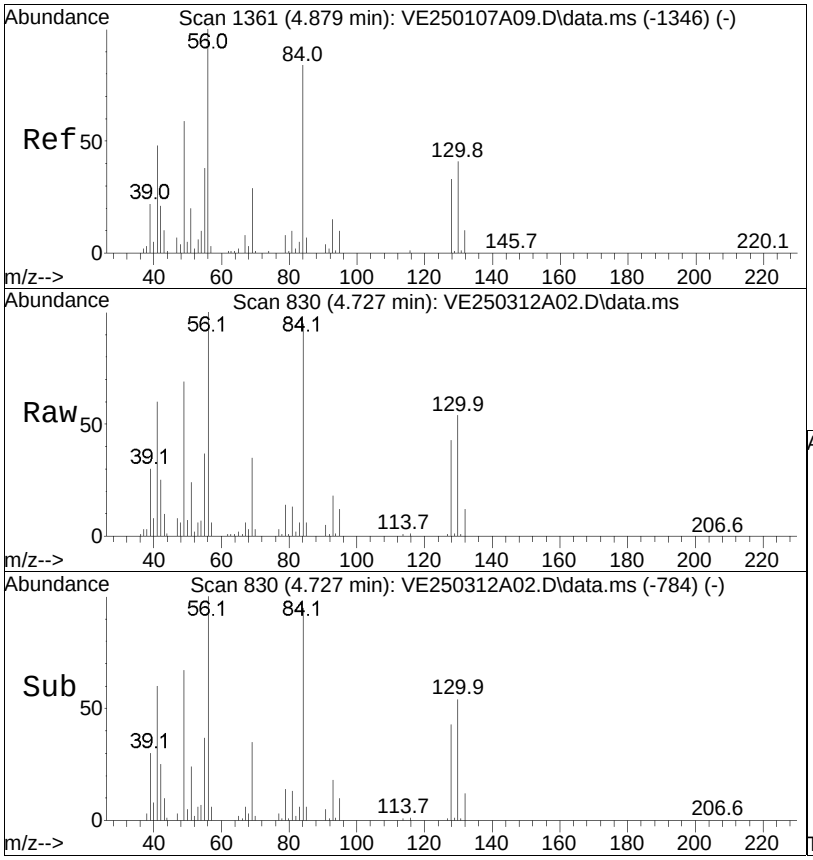


#31
2,2-Dichloropropane
Concen: 9.40 ug/L
RT: 4.635 min Scan# 809
Delta R.T. -0.002 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 77 Resp: 93124

Ion	Ratio	Lower	Upper
77	100		
41	64.8	0.0	0.0#
79	31.1	20.5	42.5

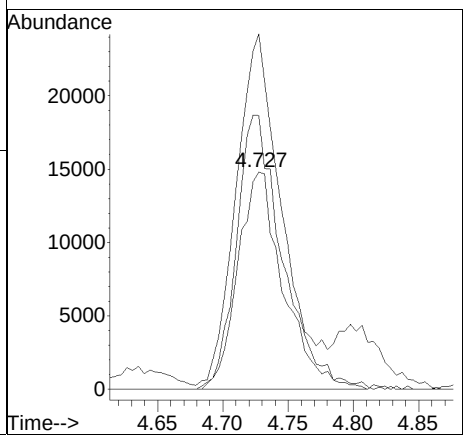


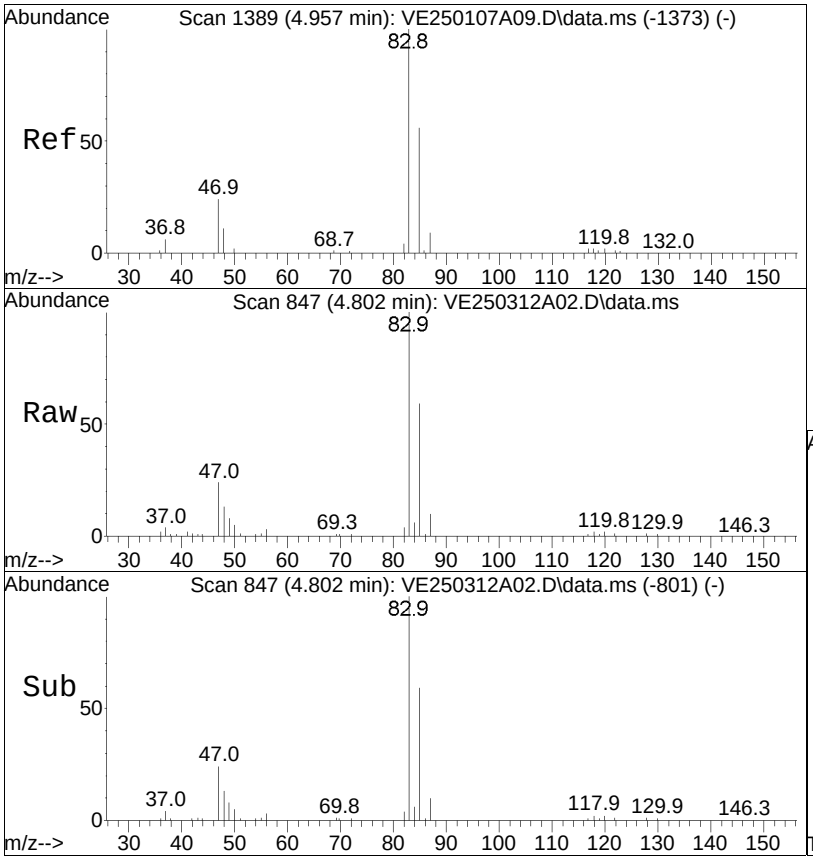


#33
Bromochloromethane
Concen: 10.50 ug/L
RT: 4.727 min Scan# 830
Delta R.T. 0.001 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:128 Resp: 36122

Ion	Ratio	Lower	Upper
128	100		
49	195.3	152.6	228.8
130	127.3	101.8	152.6

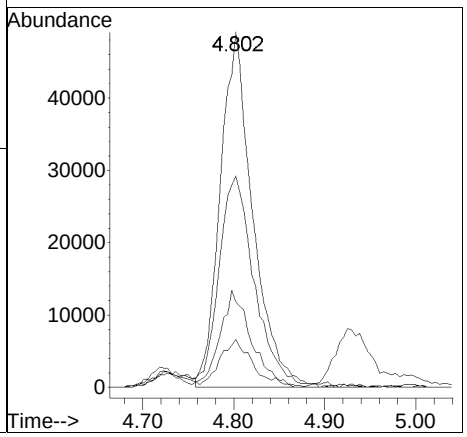


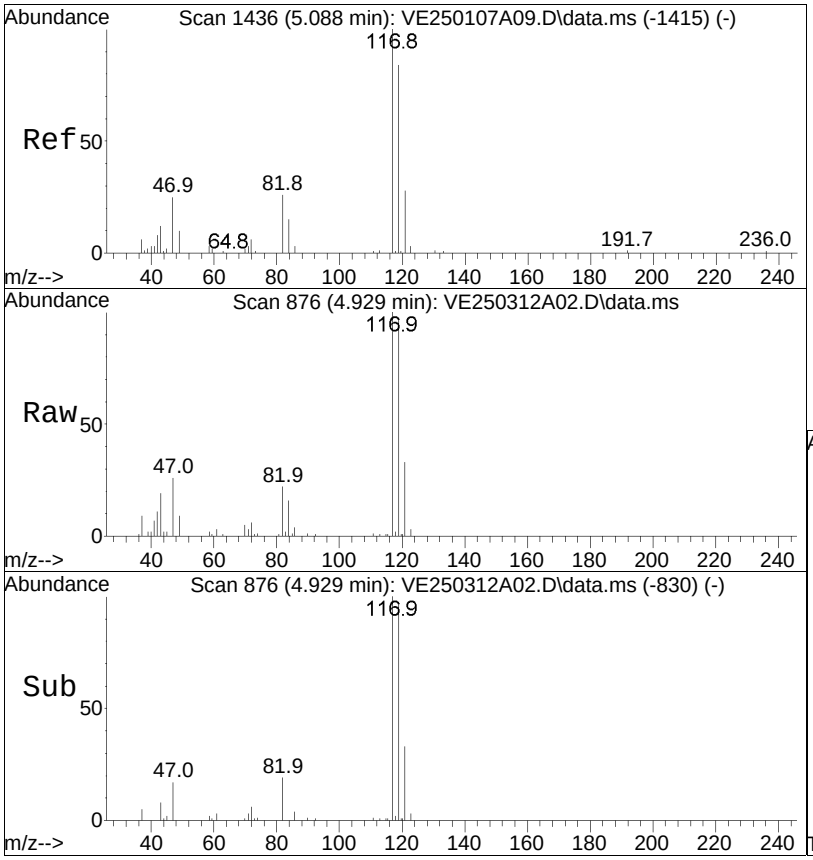


#35
Chloroform
Concen: 10.42 ug/L
RT: 4.802 min Scan# 847
Delta R.T. 0.001 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 83 Resp: 123307

Ion	Ratio	Lower	Upper
83	100		
85	64.5	42.5	88.3
47	26.1	16.8	35.0
48	13.6	9.2	19.2

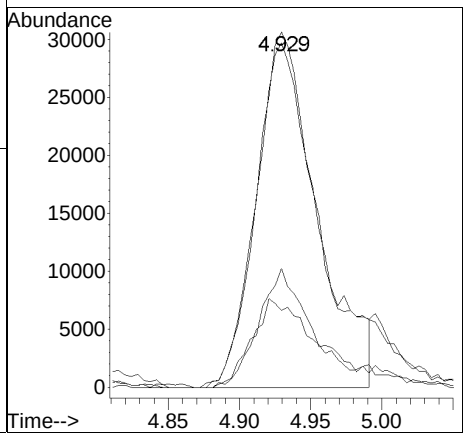


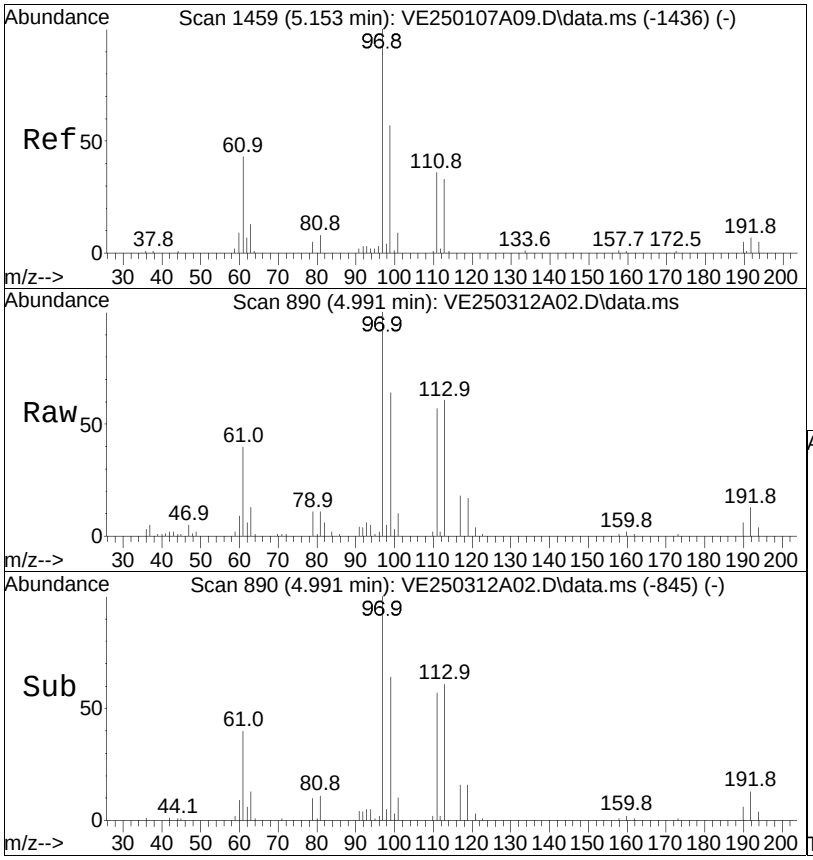


#37
Carbon tetrachloride
Concen: 10.42 ug/L M6
RT: 4.929 min Scan# 876
Delta R.T. -0.000 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:117 Resp: 91289

Ion	Ratio	Lower	Upper
117	100		
119	106.8	70.2	145.8
121	33.7	22.9	47.7
82	28.4	19.7	40.9

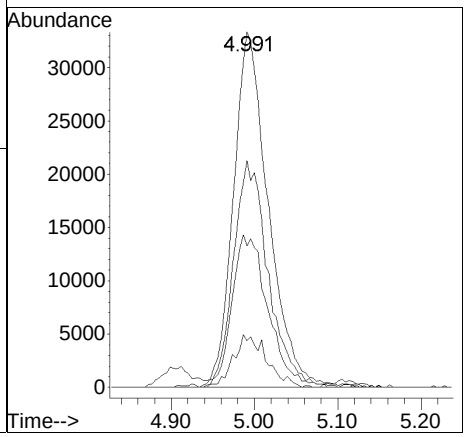


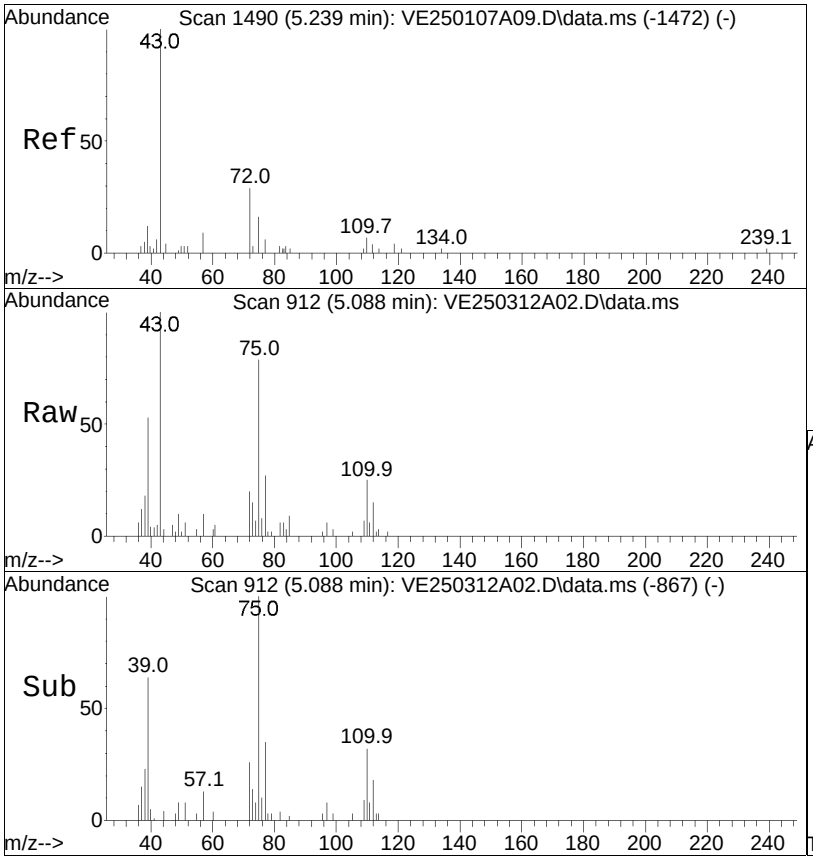


#40
1,1,1-Trichloroethane
Concen: 10.02 ug/L
RT: 4.991 min Scan# 890
Delta R.T. -0.003 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 97 Resp: 97550

Ion	Ratio	Lower	Upper
97	100		
99	63.2	42.4	88.2
61	44.1	29.0	60.2
63	14.1	9.4	19.6

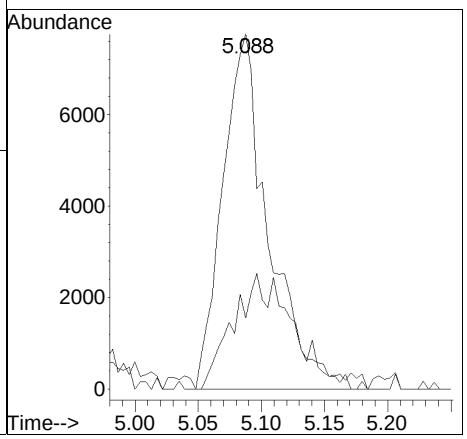


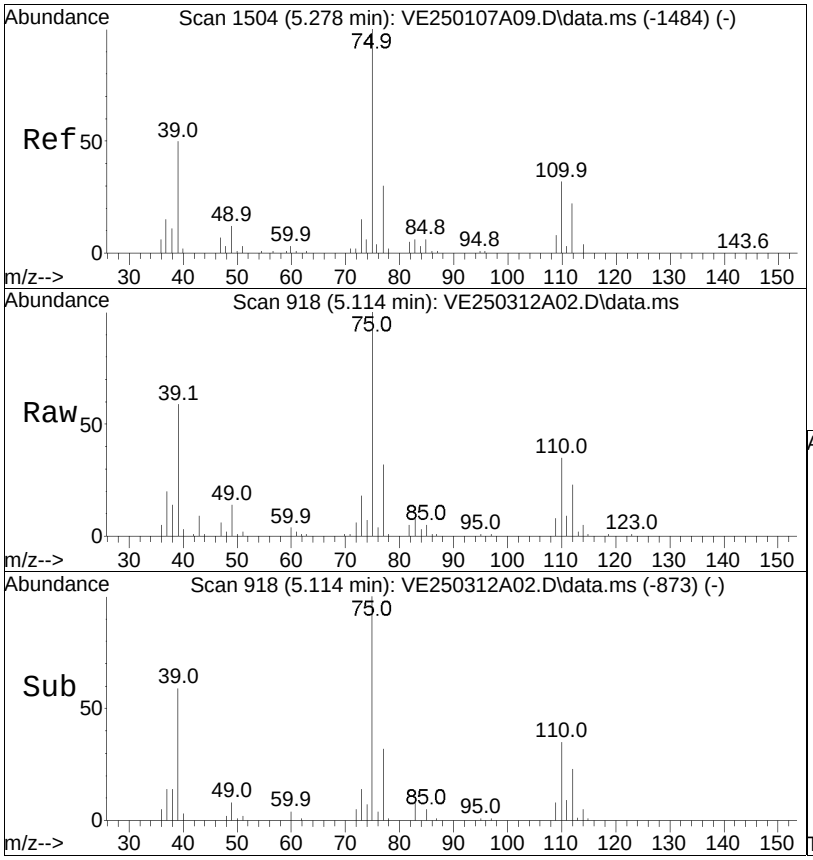


#42
2-Butanone
Concen: 12.12 ug/L
RT: 5.088 min Scan# 912
Delta R.T. -0.001 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 43 Resp: 19847

Ion	Ratio	Lower	Upper
43	100		
72	41.2	44.9	67.3#

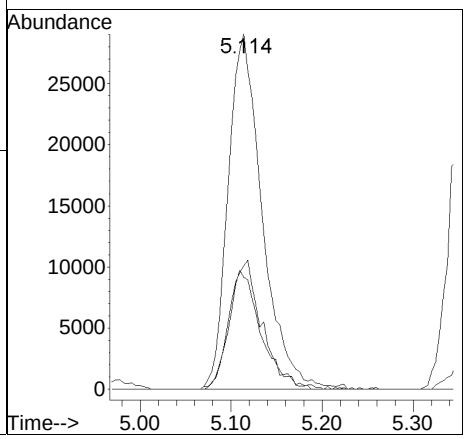


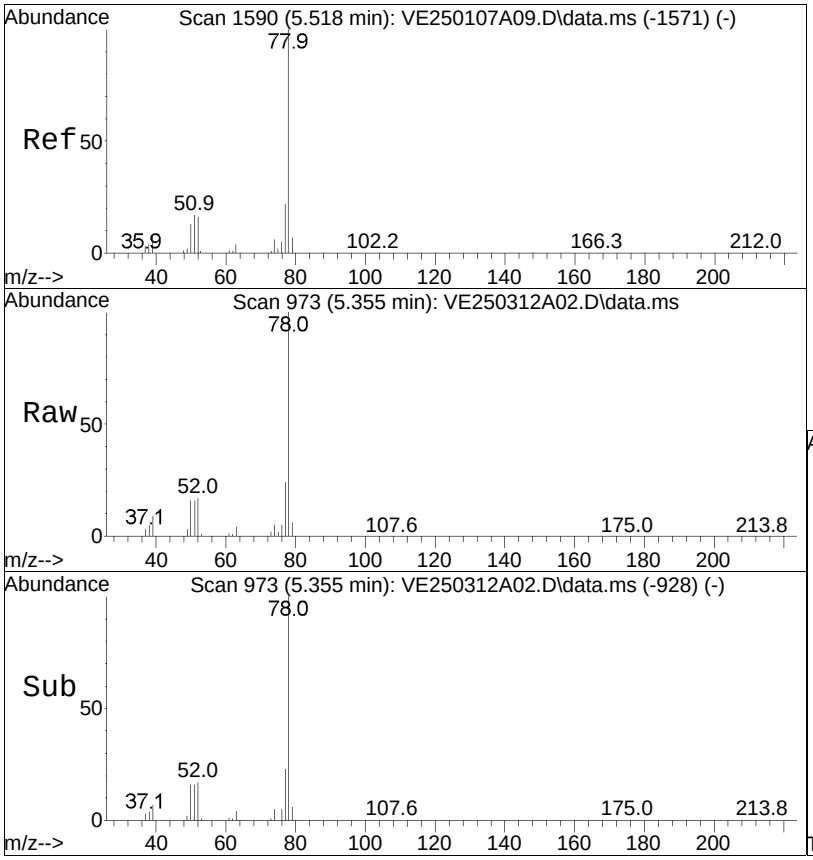


#43
1,1-Dichloropropene
Concen: 9.60 ug/L
RT: 5.114 min Scan# 918
Delta R.T. -0.003 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 75 Resp: 75921

Ion	Ratio	Lower	Upper
75	100		
110	34.8	23.5	48.7
77	31.8	20.1	41.7

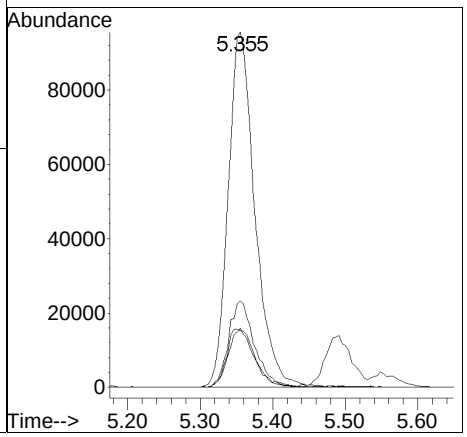


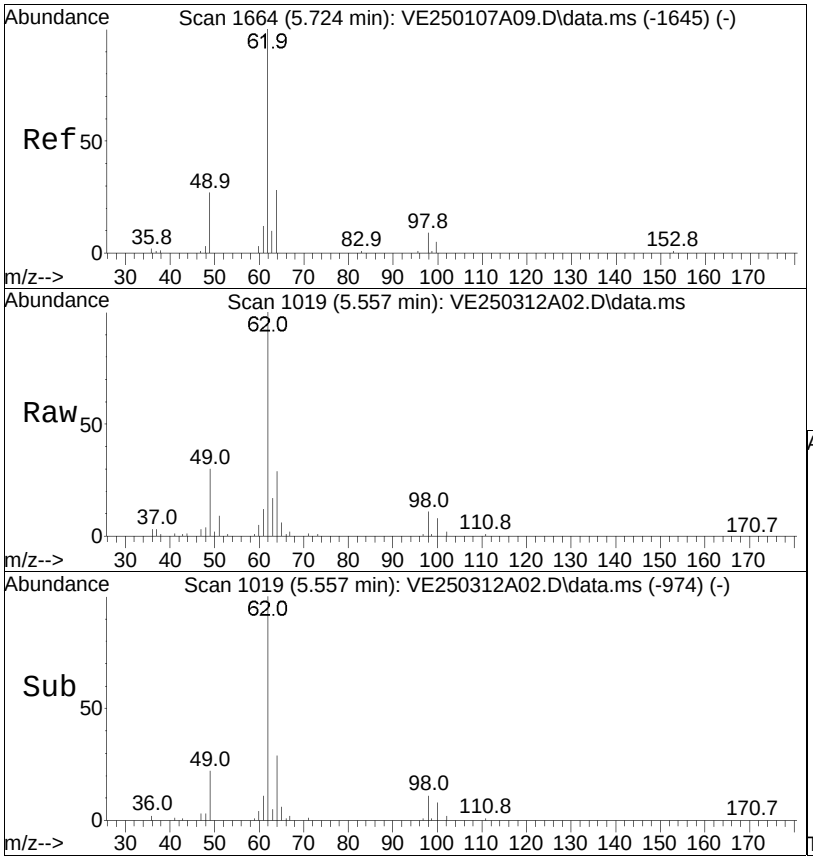


#45
Benzene
Concen: 9.46 ug/L
RT: 5.355 min Scan# 973
Delta R.T. -0.004 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 78 Resp: 246500

Ion	Ratio	Lower	Upper
78	100		
77	23.6	15.3	31.9
51	17.5	10.9	22.5
52	16.0	9.6	19.8

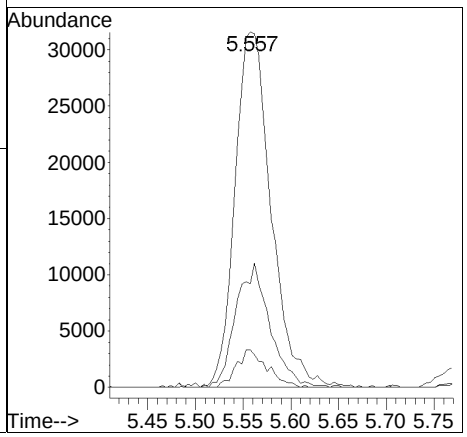


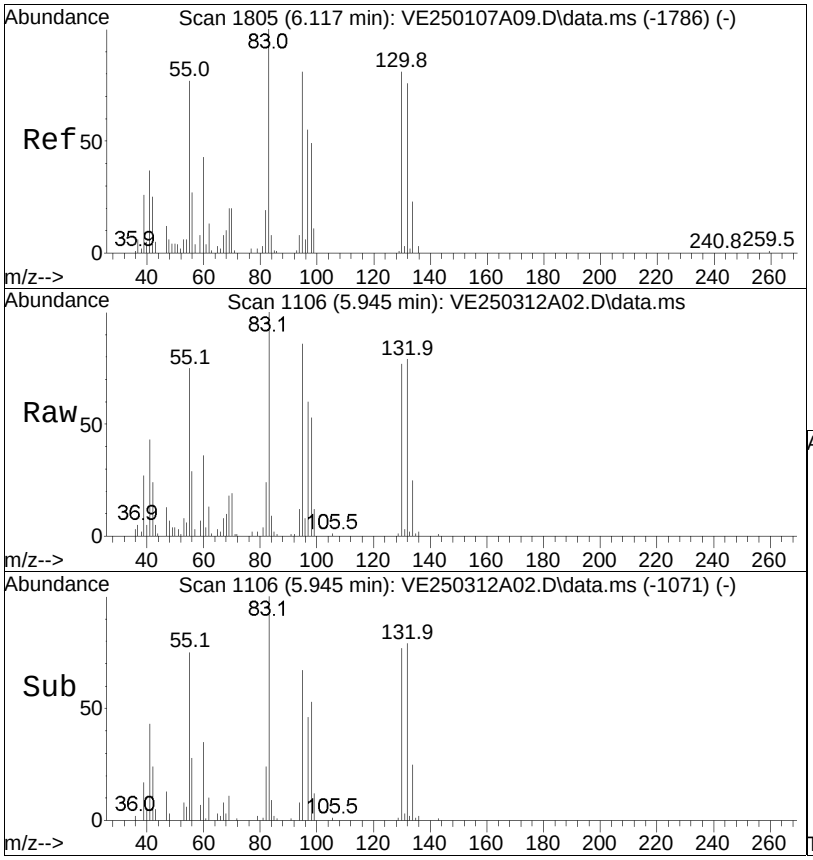


#48
1,2-Dichloroethane
Concen: 10.14 ug/L
RT: 5.557 min Scan# 1019
Delta R.T. -0.003 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 62 Resp: 83445

Ion	Ratio	Lower	Upper
62	100		
64	32.9	13.2	53.2
98	9.1	0.0	29.9

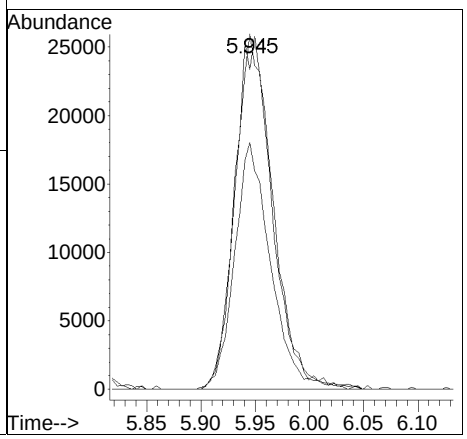


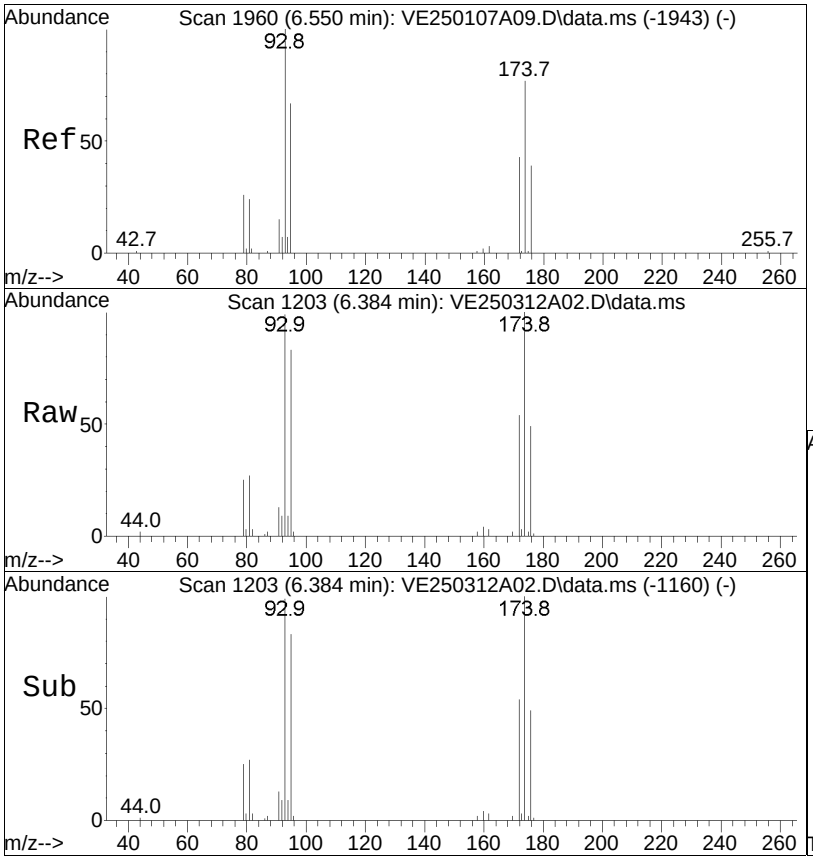


#52
Trichloroethene
Concen: 9.73 ug/L
RT: 5.945 min Scan# 1106
Delta R.T. -0.002 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 95 Resp: 61541

Ion	Ratio	Lower	Upper
95	100		
97	67.8	54.3	81.5
130	103.9	82.5	123.7

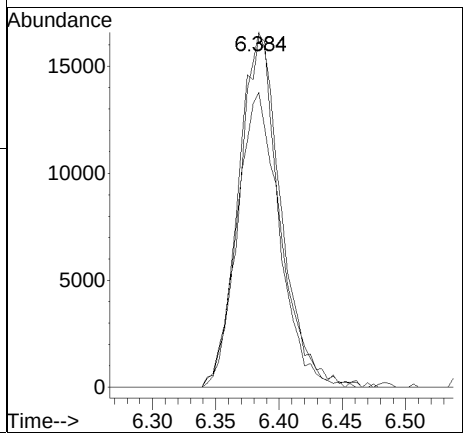


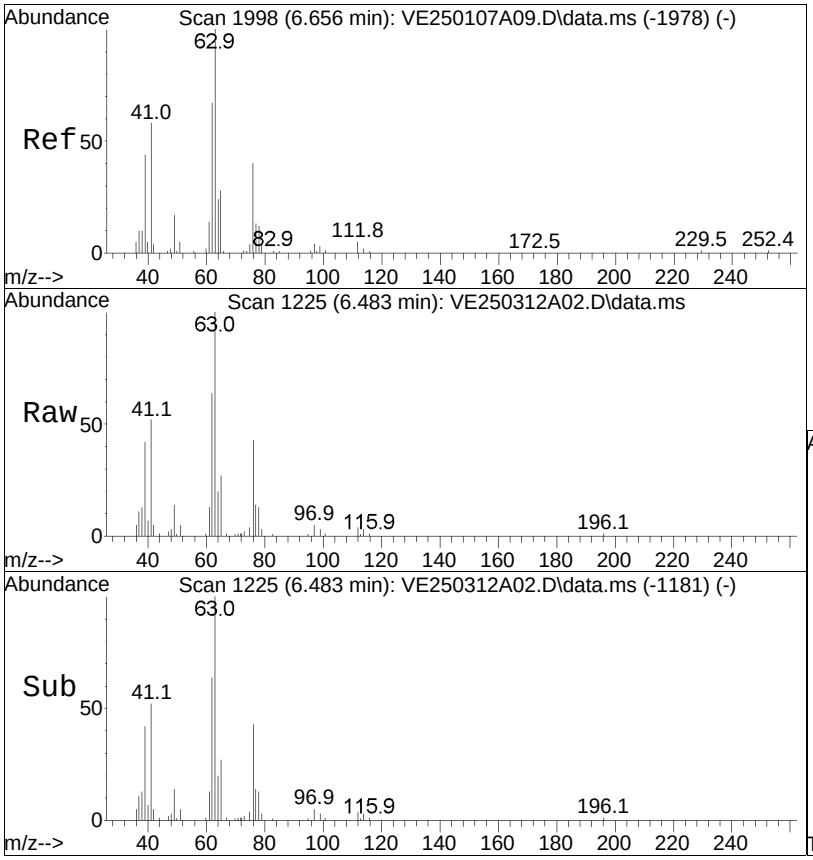


#54
Dibromomethane
Concen: 9.50 ug/L
RT: 6.384 min Scan# 1203
Delta R.T. -0.004 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 93 Resp: 37608

Ion	Ratio	Lower	Upper
93	100		
95	84.6	65.8	98.8
174	101.2	75.9	113.9

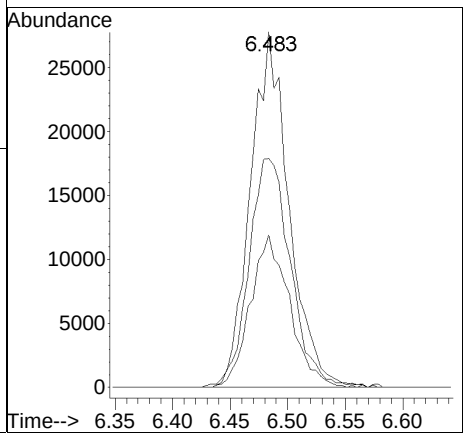


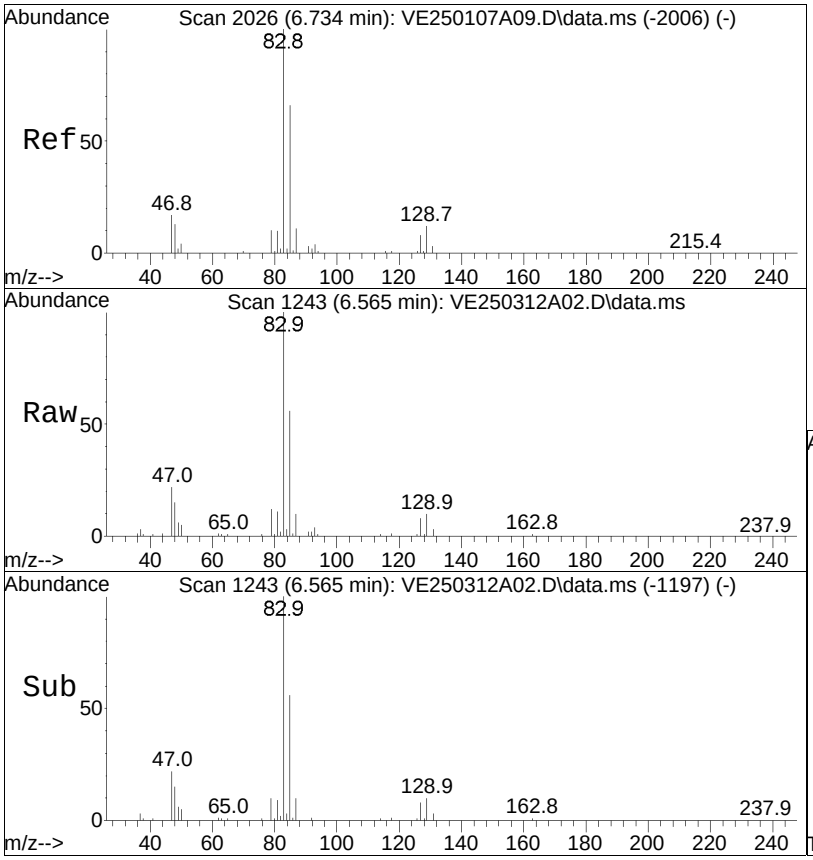


#55
1,2-Dichloropropane
Concen: 10.58 ug/L
RT: 6.483 min Scan# 1225
Delta R.T. -0.002 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 63 Resp: 64899

Ion	Ratio	Lower	Upper
63	100		
62	69.4	56.2	84.4
76	43.5	34.8	52.2

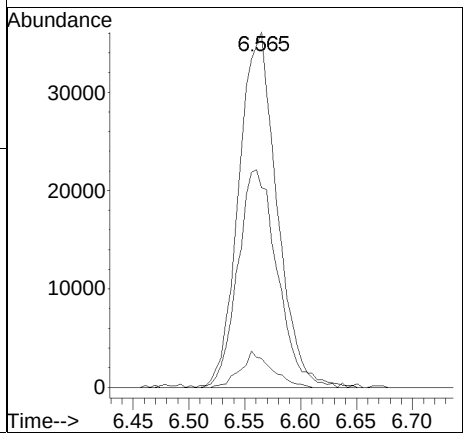


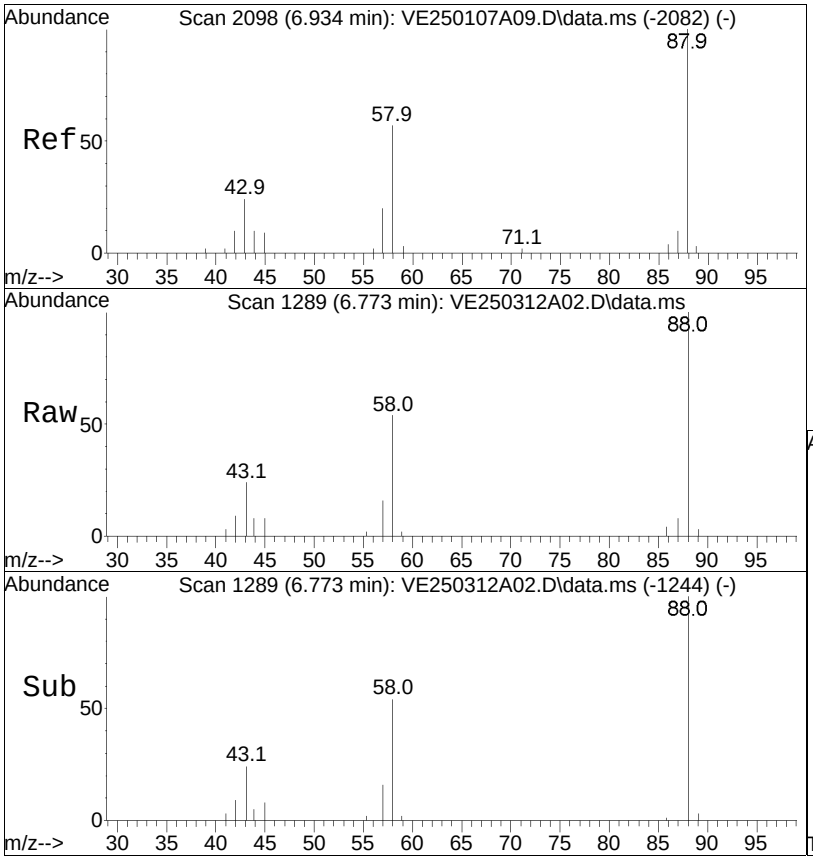


#58
Bromodichloromethane
Concen: 9.77 ug/L
RT: 6.565 min Scan# 1243
Delta R.T. 0.007 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 83 Resp: 86140

Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.0	76.6
127	8.3	7.0	10.4

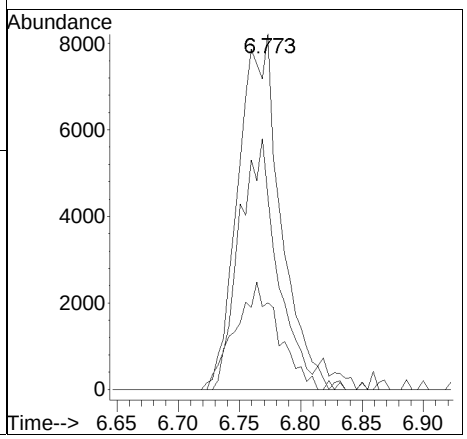


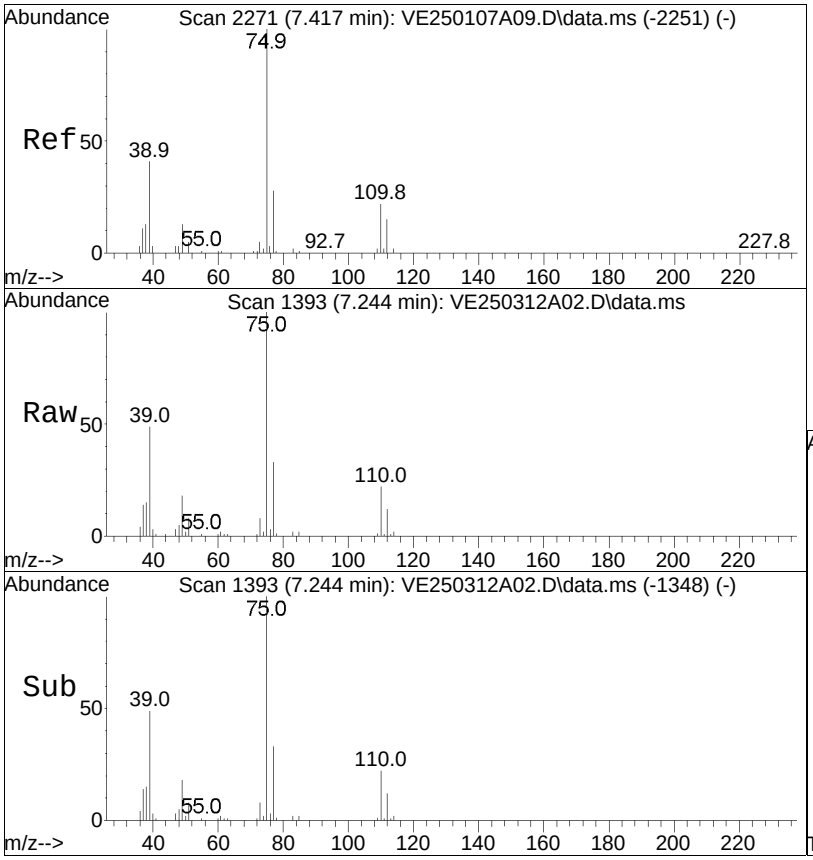


#61
1,4-Dioxane
Concen: 642.14 ug/L
RT: 6.773 min Scan# 1289
Delta R.T. 0.006 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 88 Resp: 20289

Ion	Ratio	Lower	Upper
88	100		
58	63.6	49.4	74.0
43	29.3	20.9	31.3

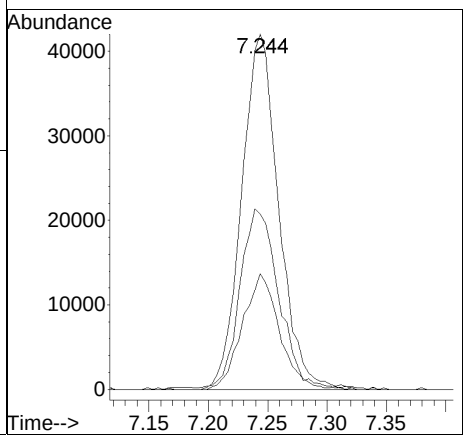


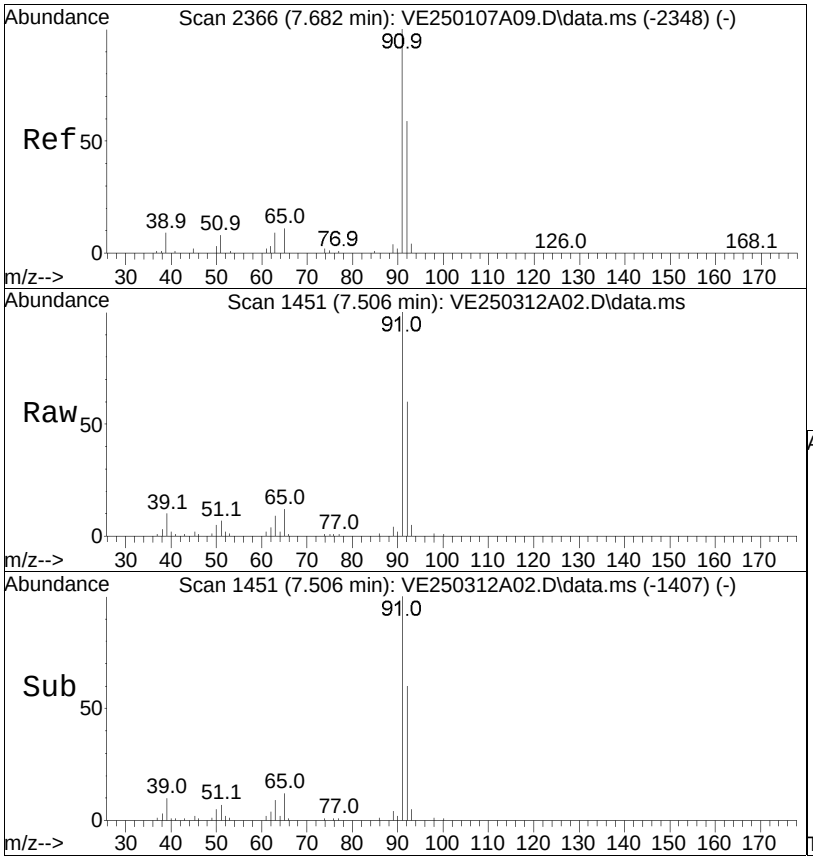


#62
cis-1,3-Dichloropropene
Concen: 9.60 ug/L
RT: 7.244 min Scan# 1393
Delta R.T. 0.002 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 75 Resp: 91575

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.0	37.4
39	53.3	42.9	64.3

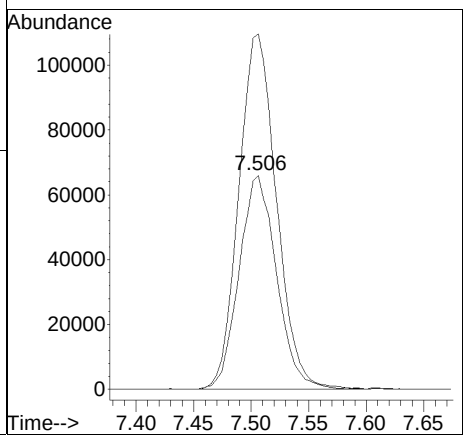


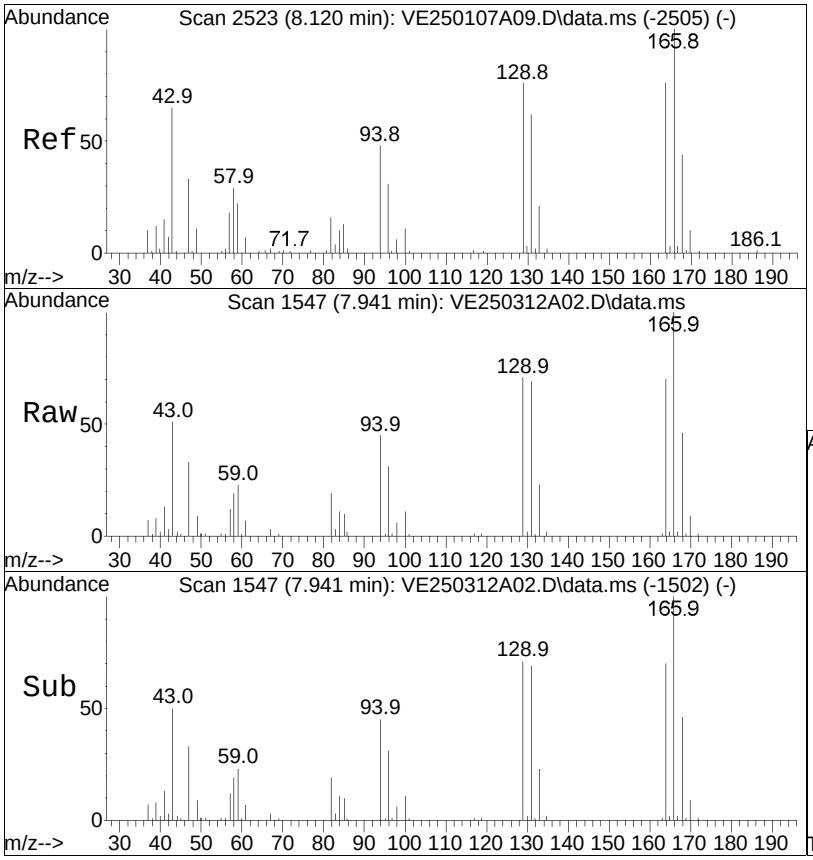


#65
Toluene
Concen: 9.09 ug/L
RT: 7.506 min Scan# 1451
Delta R.T. -0.000 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 92 Resp: 149946

Ion	Ratio	Lower	Upper
92	100		
91	166.4	134.8	202.2

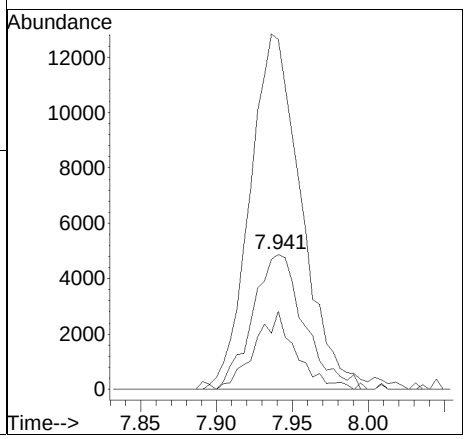


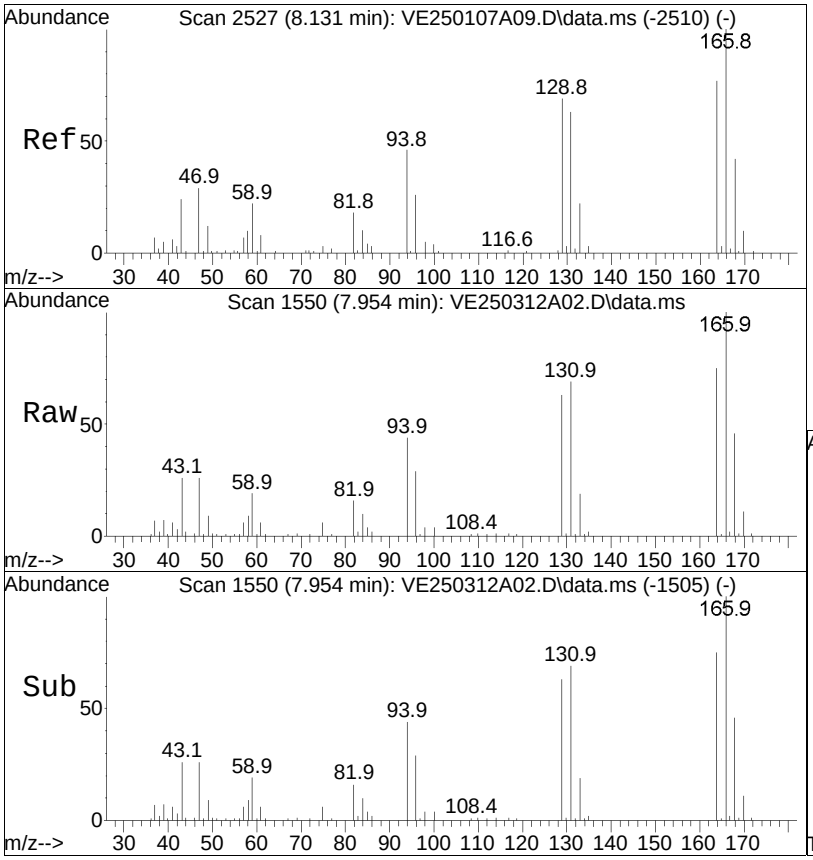


#66
4-Methyl-2-pentanone
Concen: 8.25 ug/L
RT: 7.941 min Scan# 1547
Delta R.T. 0.002 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 58 Resp: 11603

Ion	Ratio	Lower	Upper
58	100		
100	46.1	34.8	52.2
43	263.6	201.1	301.7

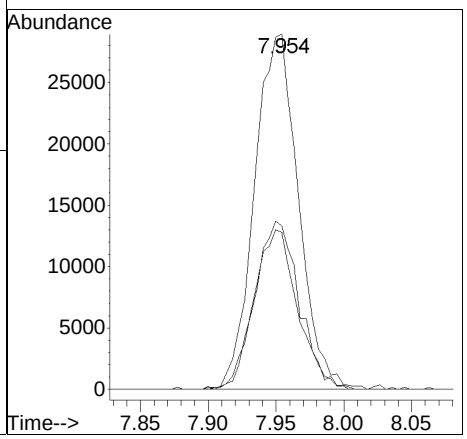


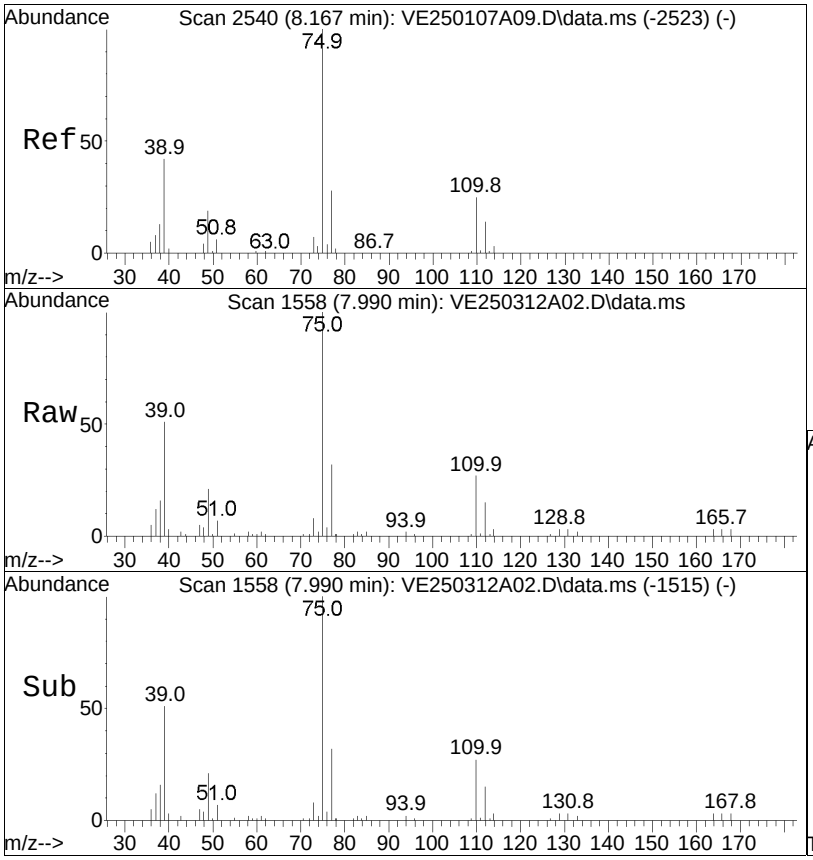


#67
Tetrachloroethene
Concen: 10.29 ug/L
RT: 7.954 min Scan# 1550
Delta R.T. 0.002 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:166 Resp: 65289

Ion	Ratio	Lower	Upper
166	100		
168	47.5	28.3	68.3
94	44.8	27.4	67.4

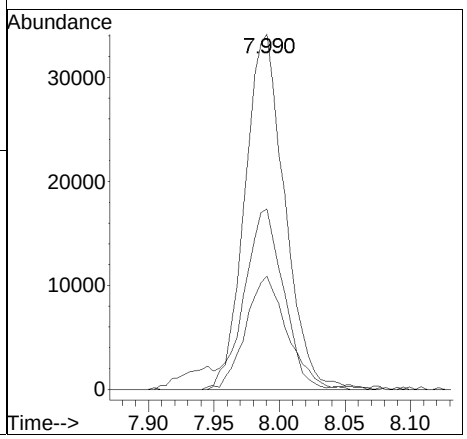


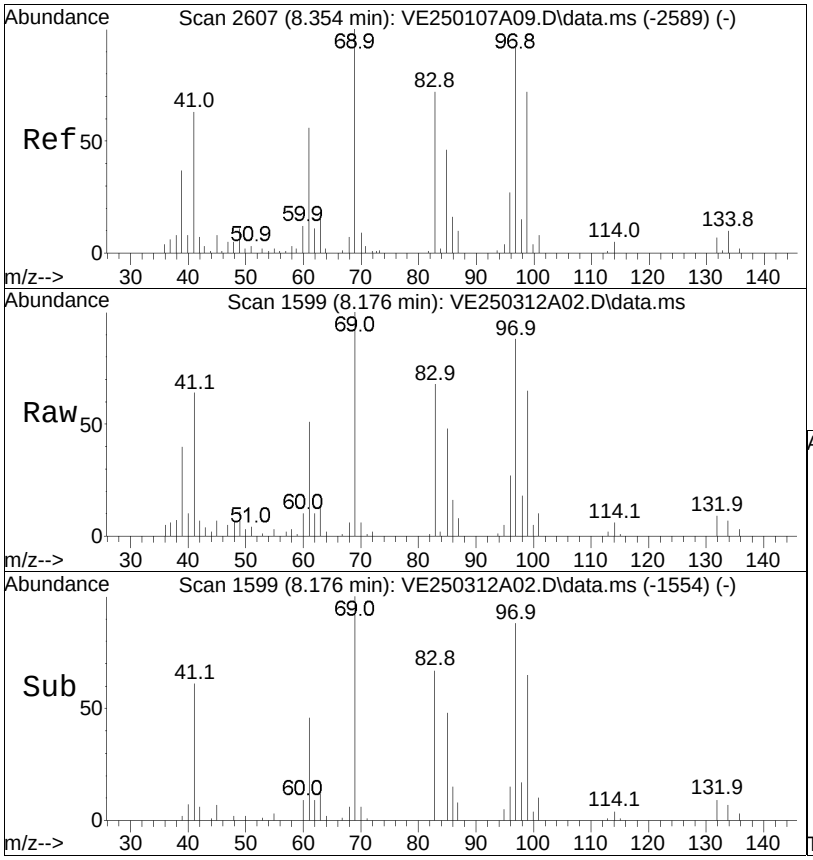


#69
trans-1,3-Dichloropropene
Concen: 9.08 ug/L
RT: 7.990 min Scan# 1558
Delta R.T. -0.004 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 75 Resp: 72419

Ion	Ratio	Lower	Upper
75	100		
77	32.2	11.5	51.5
39	49.6	29.6	69.6

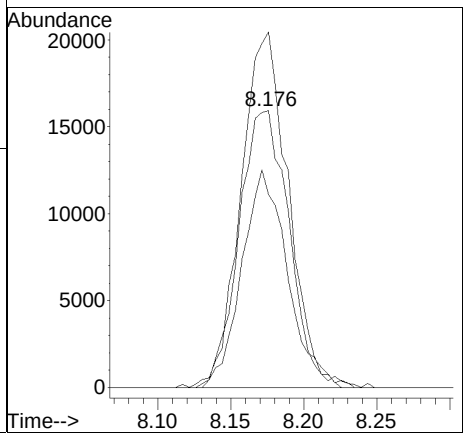


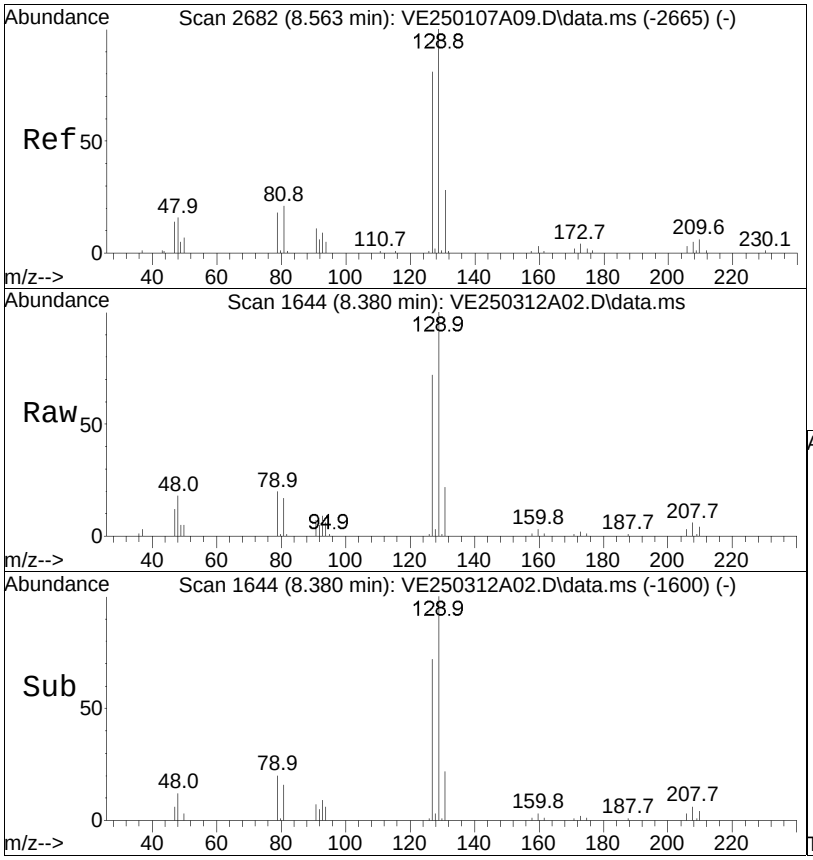


#72
1,1,2-Trichloroethane
Concen: 9.16 ug/L
RT: 8.176 min Scan# 1599
Delta R.T. 0.003 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 83 Resp: 37956

Ion	Ratio	Lower	Upper
83	100		
97	121.4	96.9	136.9
85	71.3	46.7	86.7

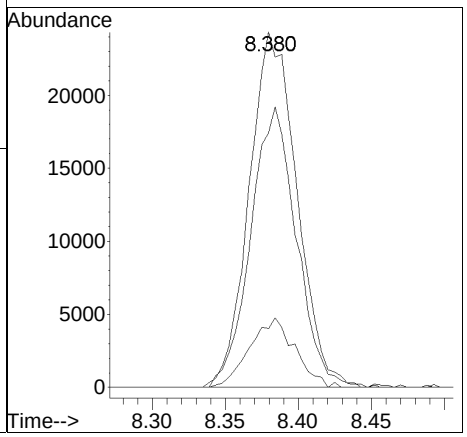


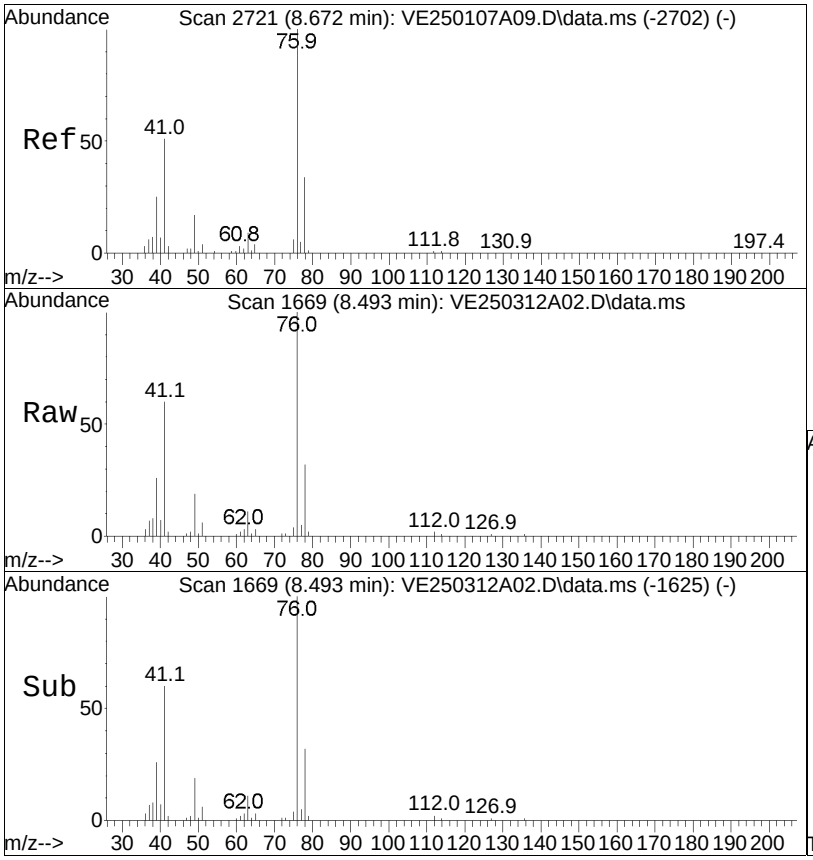


#73
Chlorodibromomethane
Concen: 9.58 ug/L
RT: 8.380 min Scan# 1644
Delta R.T. -0.002 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:129 Resp: 55257

Ion	Ratio	Lower	Upper
129	100		
81	18.6	0.9	40.9
127	75.7	56.5	96.5

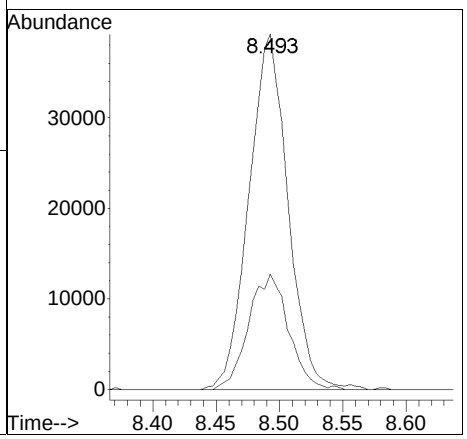


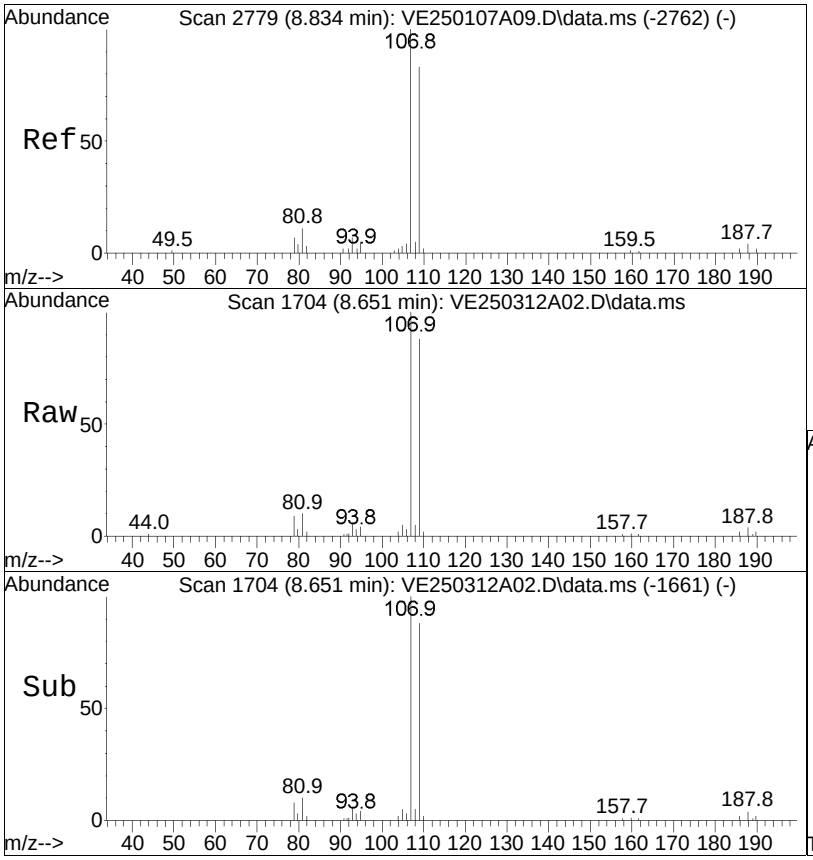


#74
1,3-Dichloropropane
Concen: 9.82 ug/L
RT: 8.493 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 76 Resp: 84045

Ion	Ratio	Lower	Upper
76	100		
78	33.3	25.8	38.6

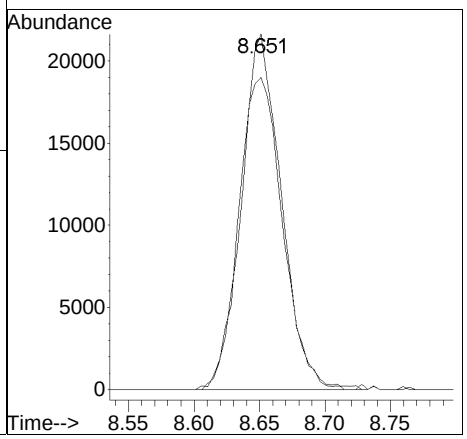


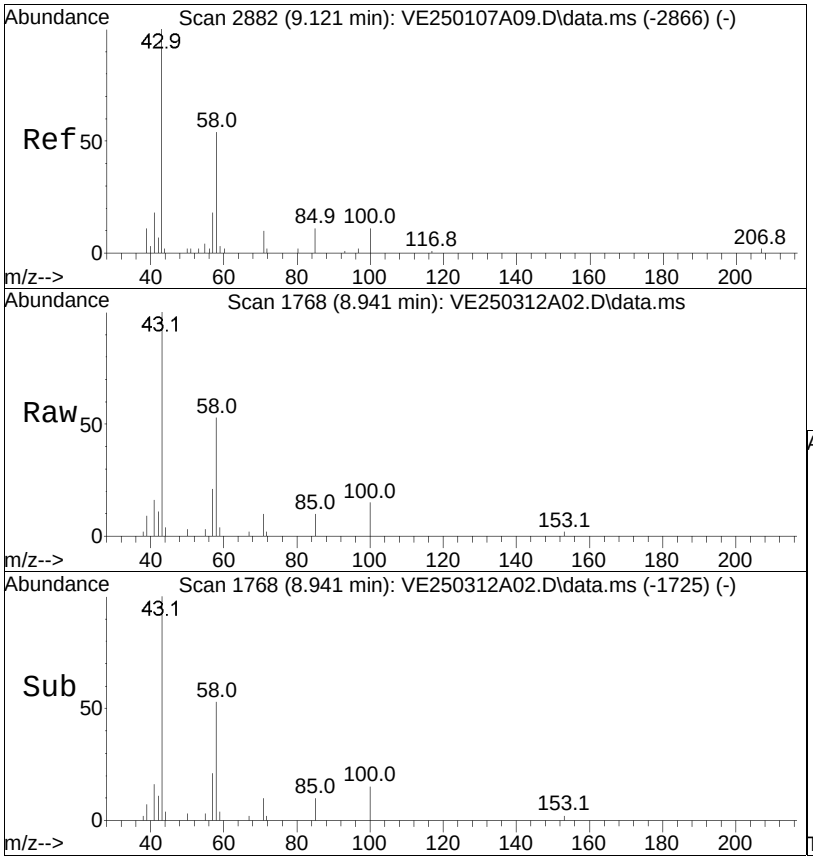


#75
1,2-Dibromoethane
Concen: 9.83 ug/L
RT: 8.651 min Scan# 1704
Delta R.T. -0.004 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:107 Resp: 46608

Ion	Ratio	Lower	Upper
107	100		
109	93.4	72.7	109.1

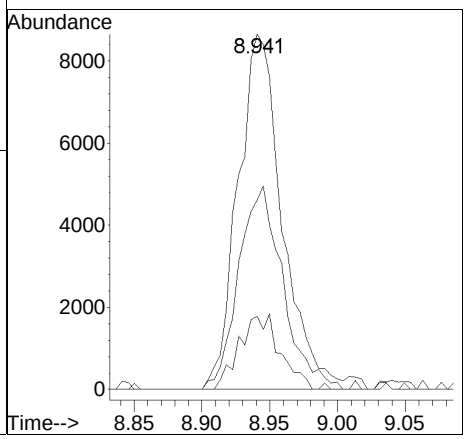


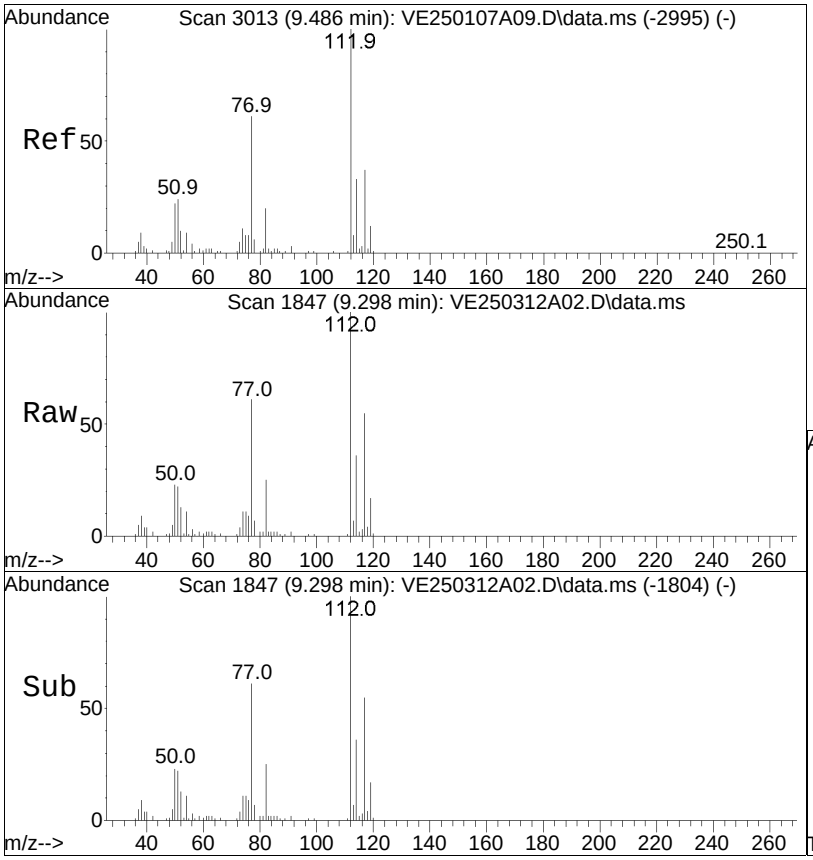


#77
2-Hexanone
Concen: 8.87 ug/L
RT: 8.941 min Scan# 1768
Delta R.T. -0.005 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 43 Resp: 19867

Ion	Ratio	Lower	Upper
43	100		
58	56.5	42.7	64.1
57	19.1	15.5	23.3

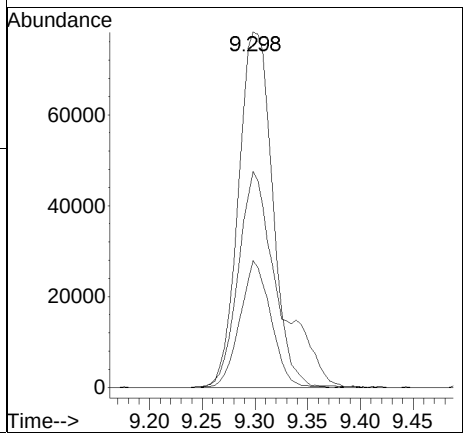


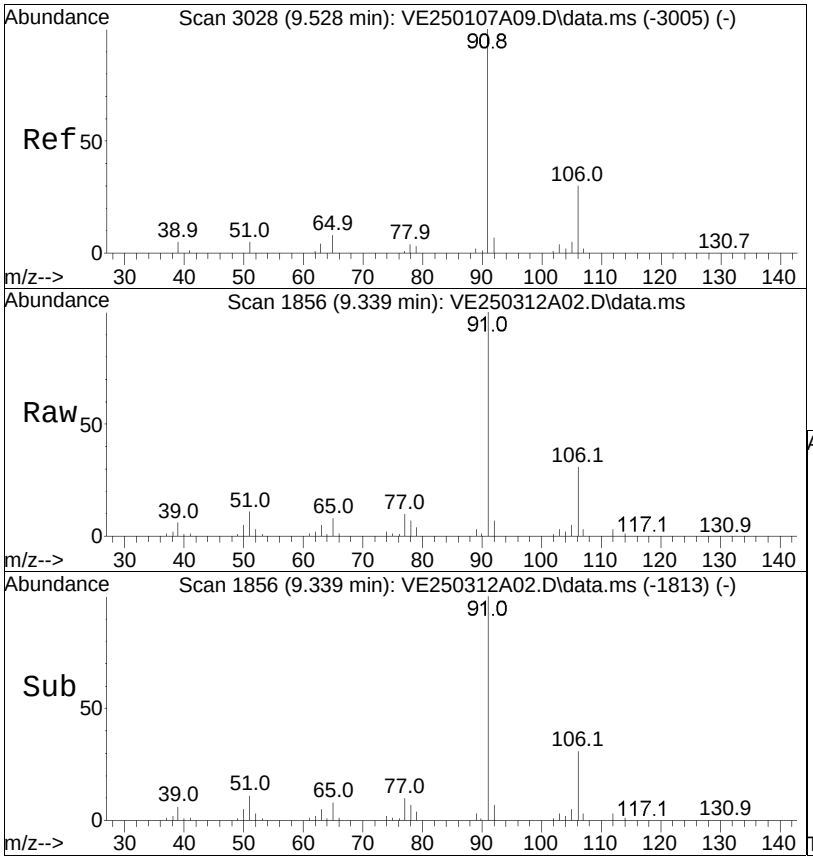


#78
Chlorobenzene
Concen: 9.34 ug/L
RT: 9.298 min Scan# 1847
Delta R.T. -0.004 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:112 Resp: 175251

Ion	Ratio	Lower	Upper
112	100		
77	73.3	56.4	84.6
114	32.5	25.8	38.6

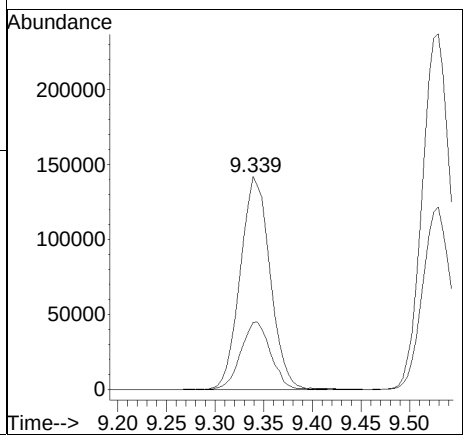


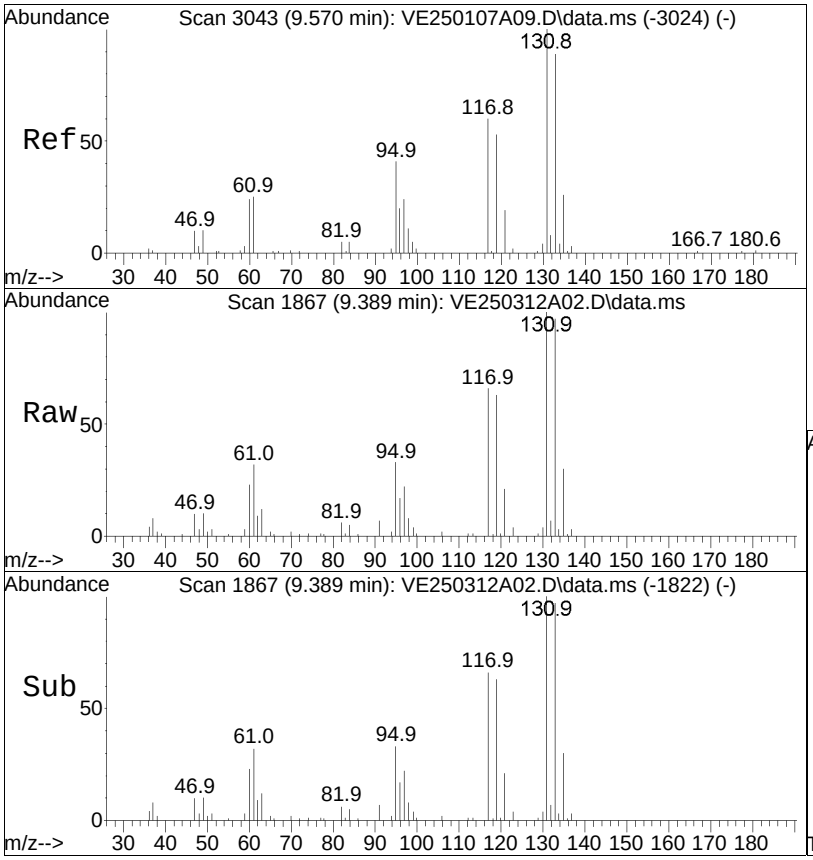


#79
Ethylbenzene
Concen: 9.18 ug/L
RT: 9.339 min Scan# 1856
Delta R.T. -0.005 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 91 Resp: 303065

Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.4	38.2

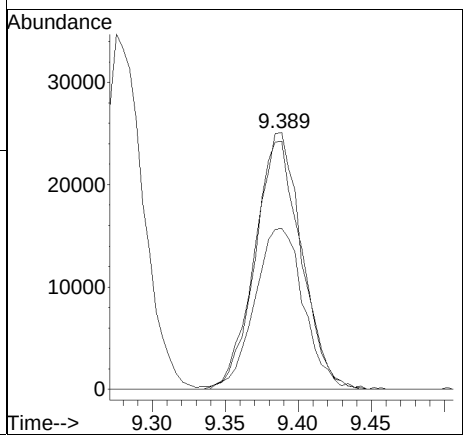


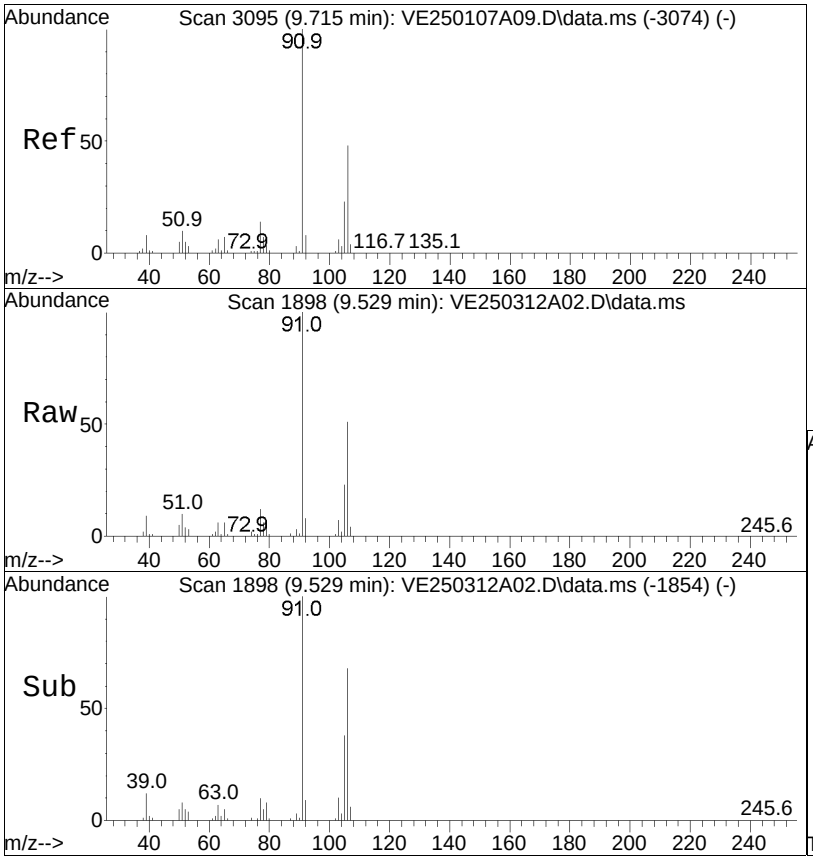


#80
1,1,1,2-Tetrachloroethane
Concen: 9.55 ug/L
RT: 9.389 min Scan# 1867
Delta R.T. 0.003 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:131 Resp: 55868

Ion	Ratio	Lower	Upper
131	100		
133	96.3	75.3	115.3
119	66.0	45.6	85.6

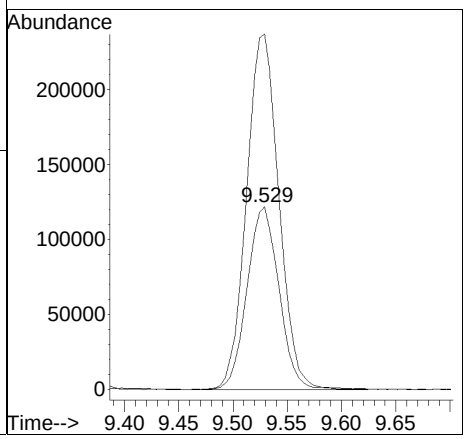


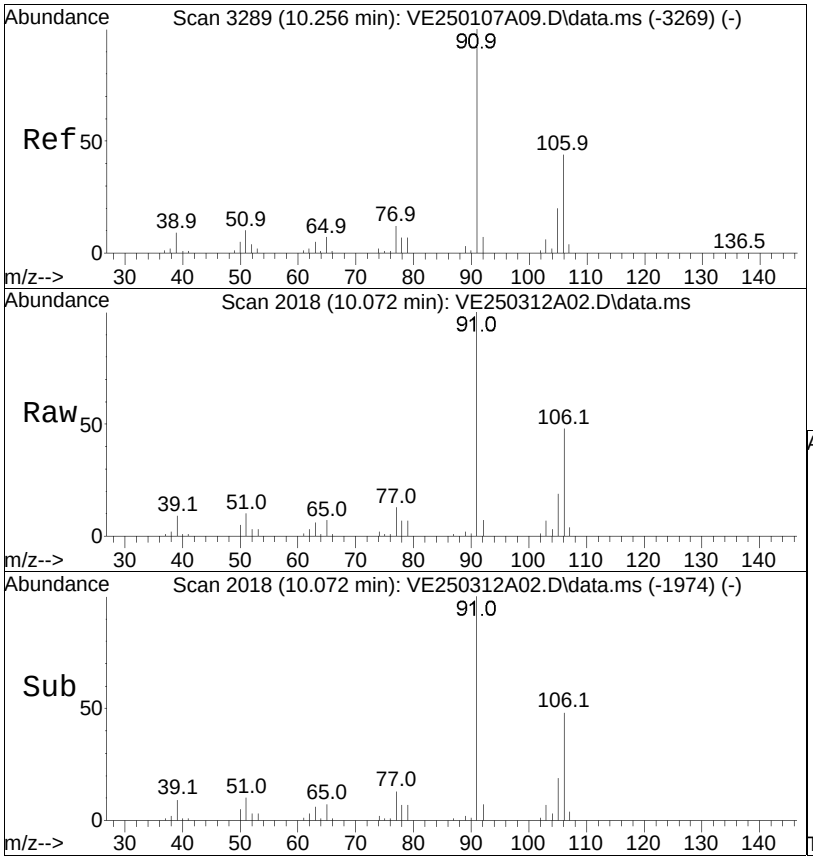


#81
p/m Xylene
Concen: 18.42 ug/L
RT: 9.529 min Scan# 1898
Delta R.T. -0.002 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:106 Resp: 248919

Ion	Ratio	Lower	Upper
106	100		
91	197.5	158.3	237.5

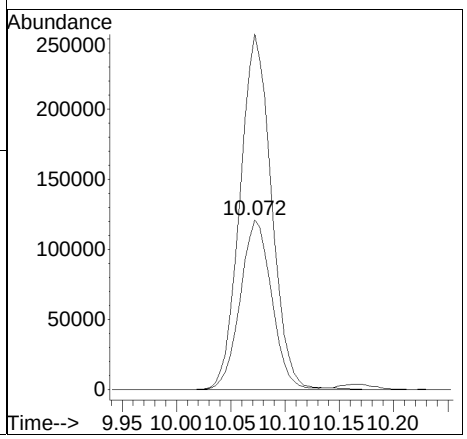


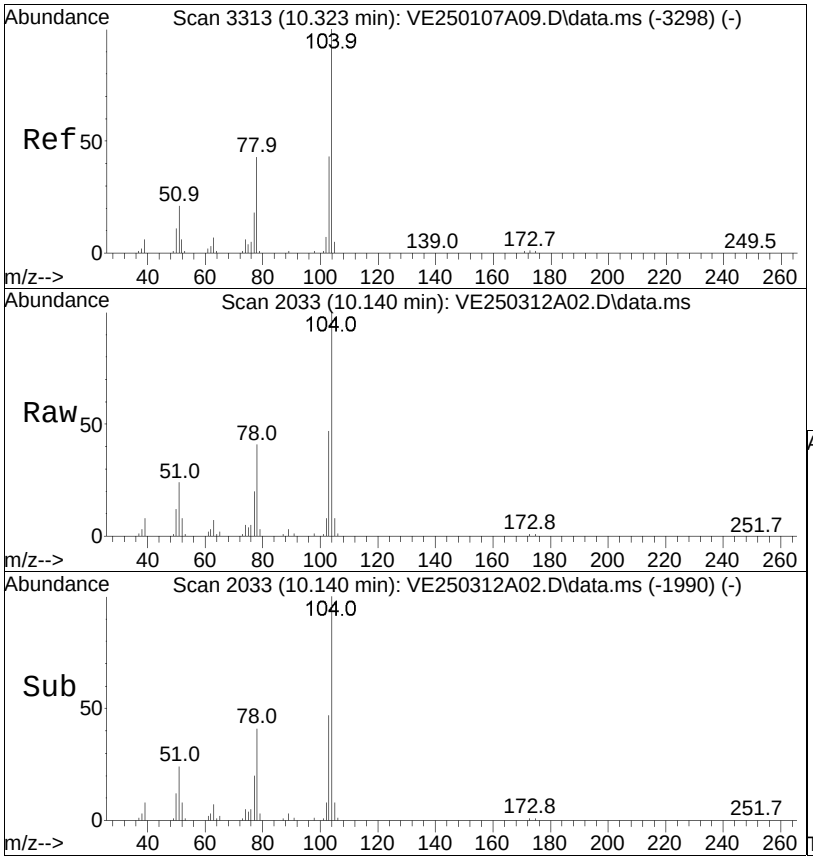


#82
o Xylene
Concen: 18.18 ug/L
RT: 10.072 min Scan# 2018
Delta R.T. -0.003 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:106 Resp: 244558

Ion	Ratio	Lower	Upper
106	100		
91	208.3	168.7	253.1

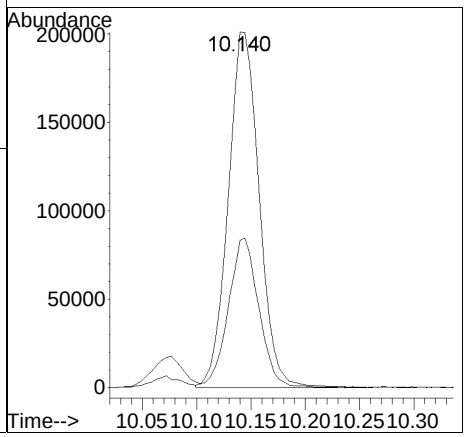


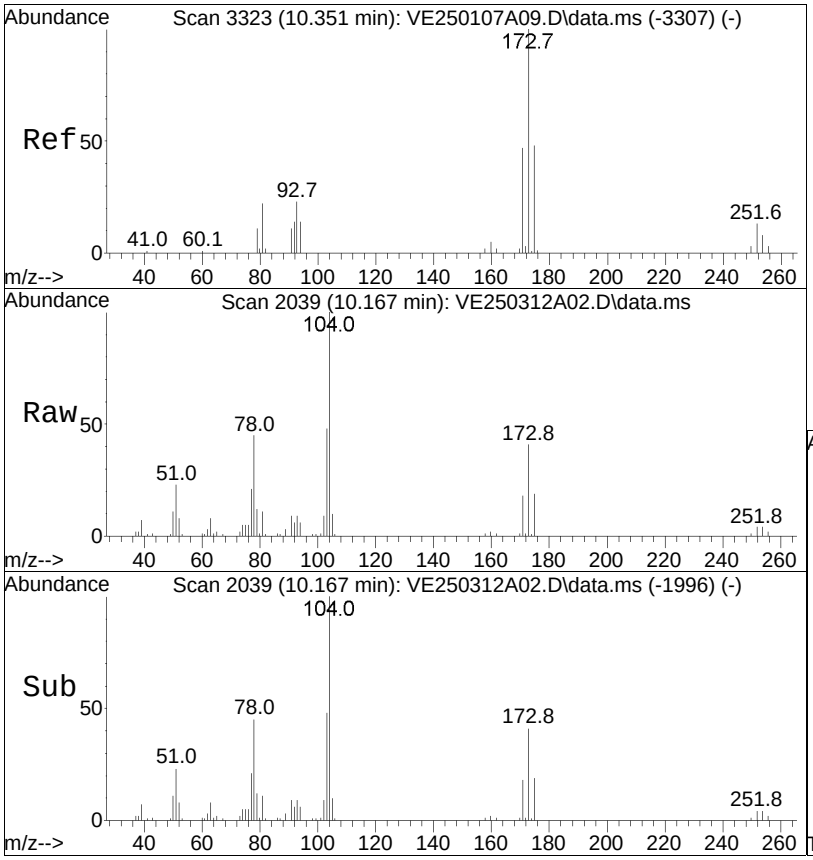


#83
Styrene
Concen: 17.39 ug/L
RT: 10.140 min Scan# 2033
Delta R.T. -0.007 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:104 Resp: 398491

Ion	Ratio	Lower	Upper
104	100		
78	41.2	32.4	48.6

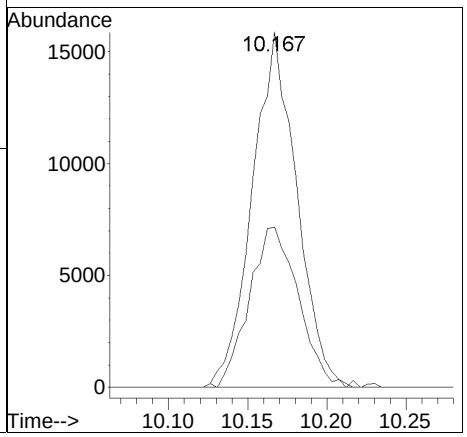


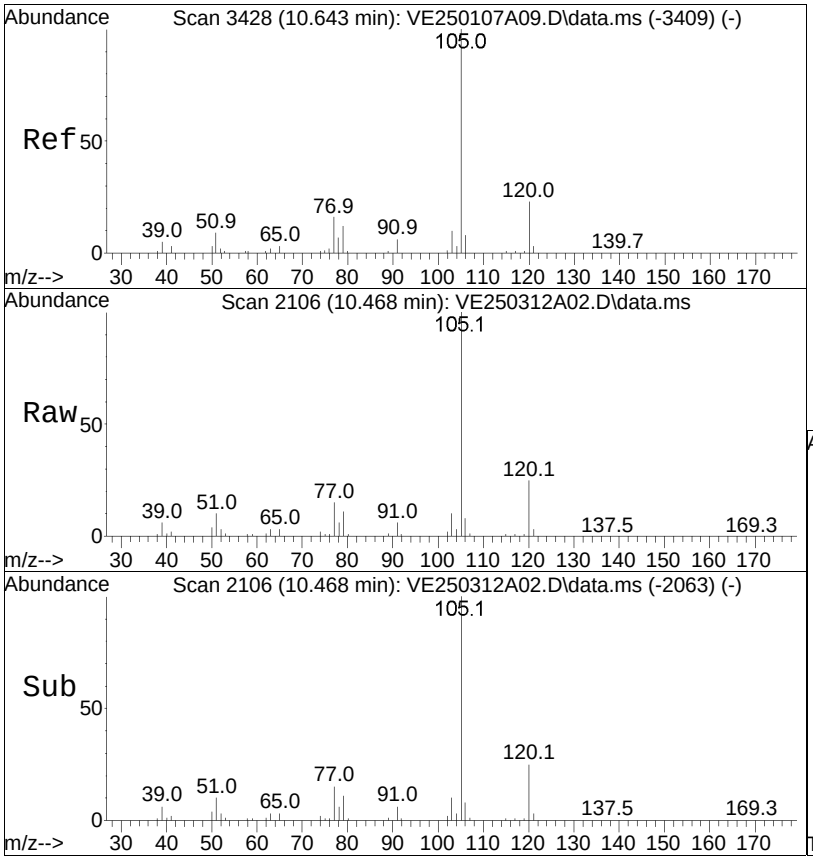


#85
Bromoform
Concen: 8.99 ug/L
RT: 10.167 min Scan# 2039
Delta R.T. -0.005 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:173 Resp: 31016

Ion	Ratio	Lower	Upper
173	100		
175	49.9	27.0	67.0

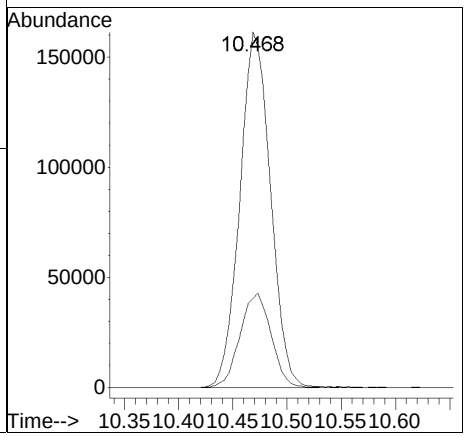


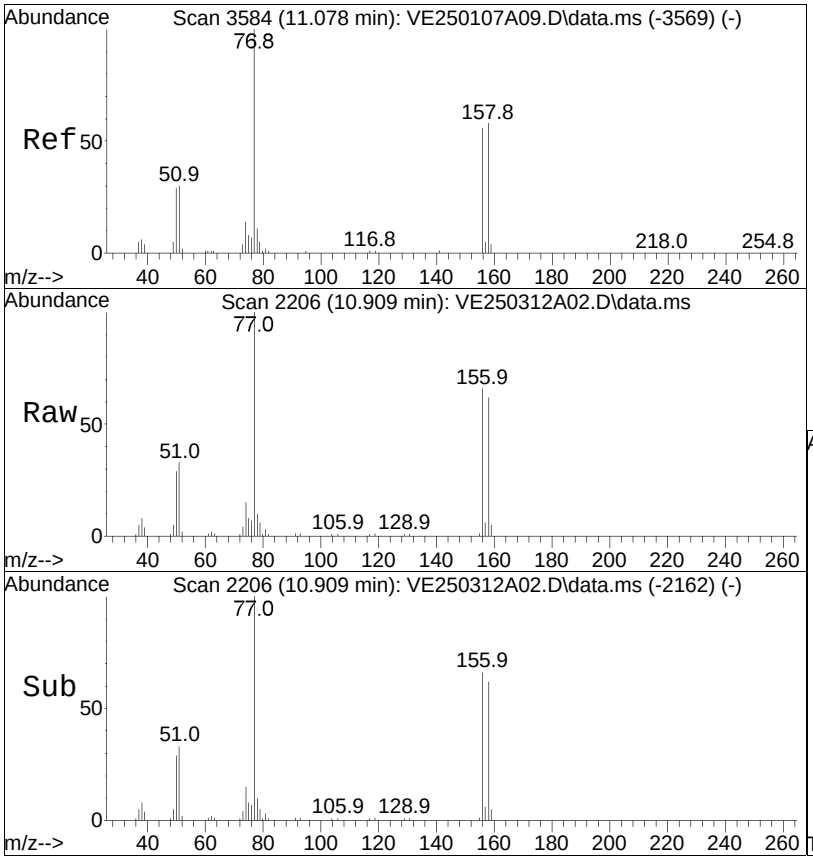


#87
Isopropylbenzene
Concen: 9.41 ug/L
RT: 10.468 min Scan# 2106
Delta R.T. -0.005 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:105 Resp: 317538

Ion	Ratio	Lower	Upper
105	100		
120	26.8	6.7	46.7

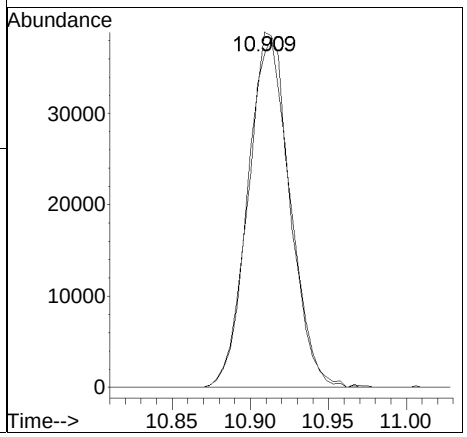


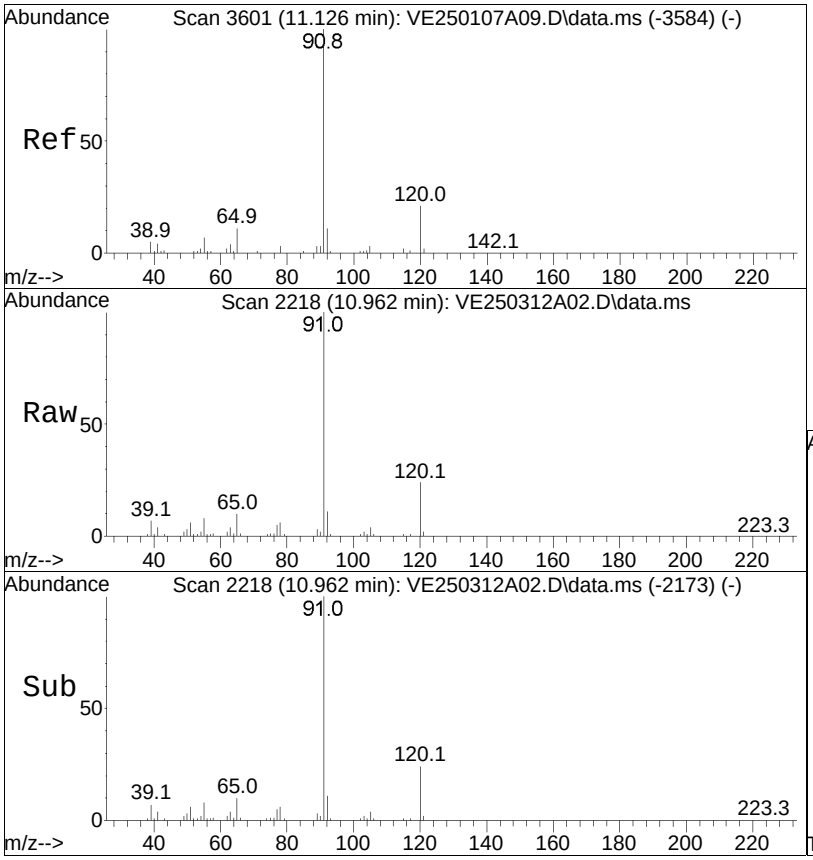


#89
Bromobenzene
Concen: 9.77 ug/L
RT: 10.909 min Scan# 2206
Delta R.T. -0.008 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:156 Resp: 73536

Ion	Ratio	Lower	Upper
156	100		
158	96.2	77.1	115.7

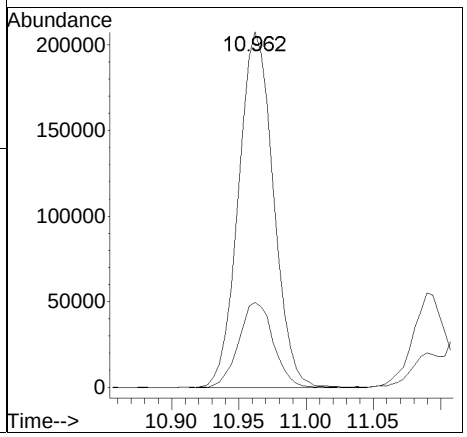


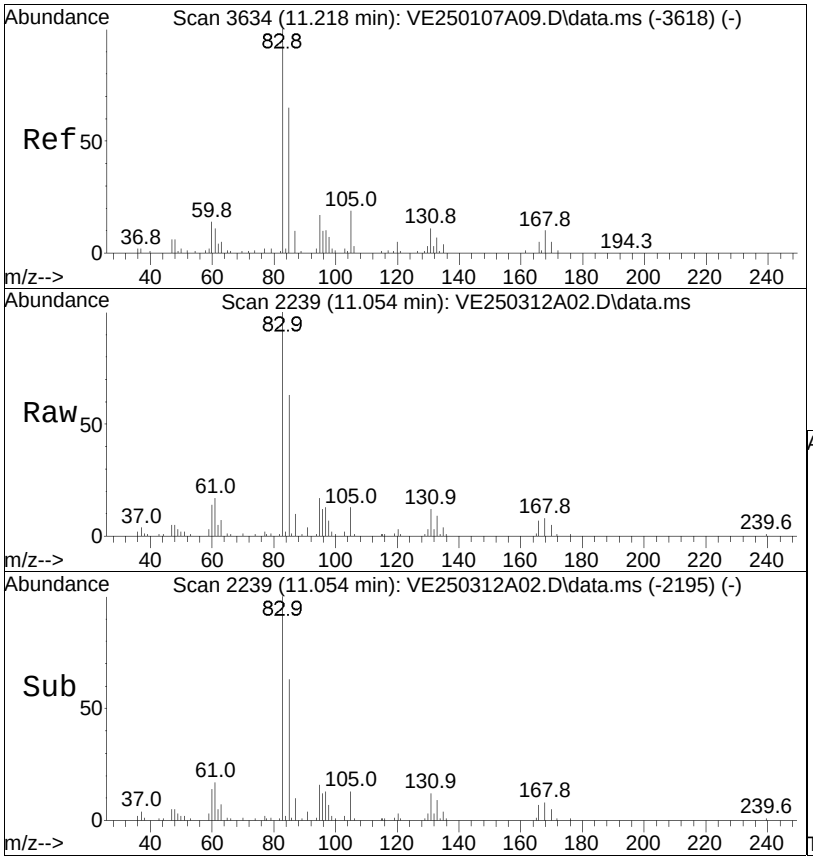


#90
n-Propylbenzene
Concen: 9.21 ug/L
RT: 10.962 min Scan# 2218
Delta R.T. -0.002 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 91 Resp: 374568

Ion	Ratio	Lower	Upper
91	100		
120	23.7	18.5	27.7

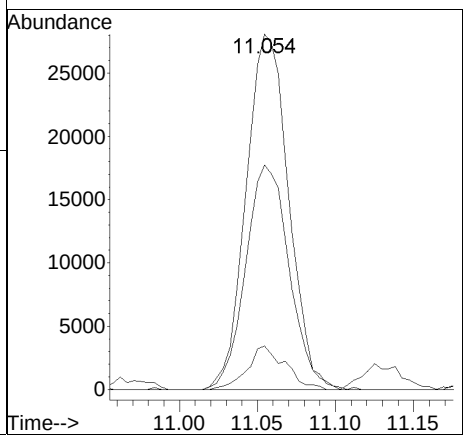


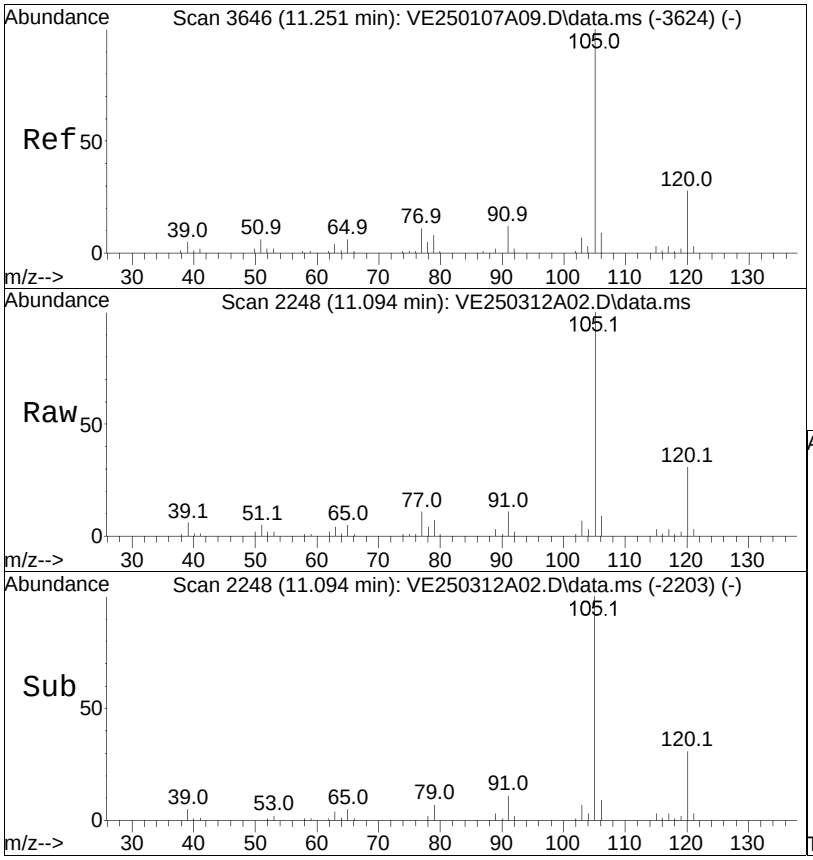


#92
1,1,2,2-Tetrachloroethane
Concen: 9.28 ug/L
RT: 11.054 min Scan# 2239
Delta R.T. -0.007 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 83 Resp: 53190

Ion	Ratio	Lower	Upper
83	100		
131	10.9	0.0	30.1
85	64.6	46.3	86.3

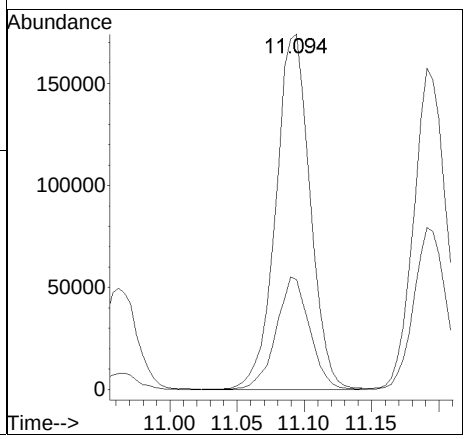


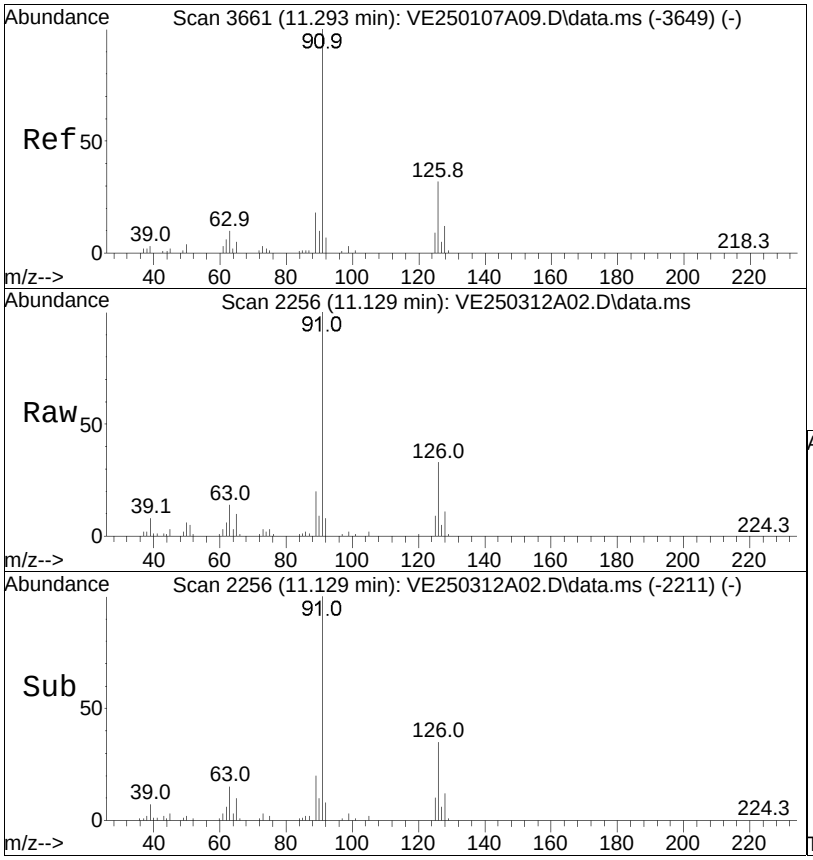


#93
4-Ethyltoluene
Concen: 9.19 ug/L
RT: 11.094 min Scan# 2248
Delta R.T. -0.001 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:105 Resp: 308906

Ion	Ratio	Lower	Upper
105	100		
120	30.9	19.2	40.0

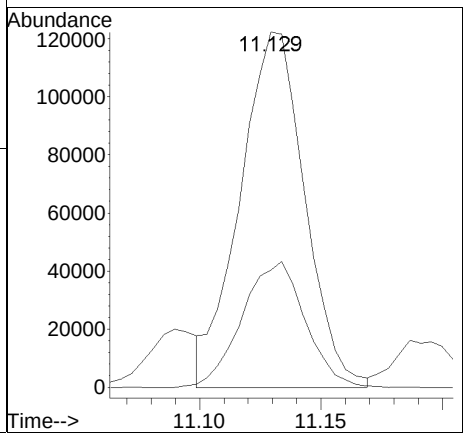


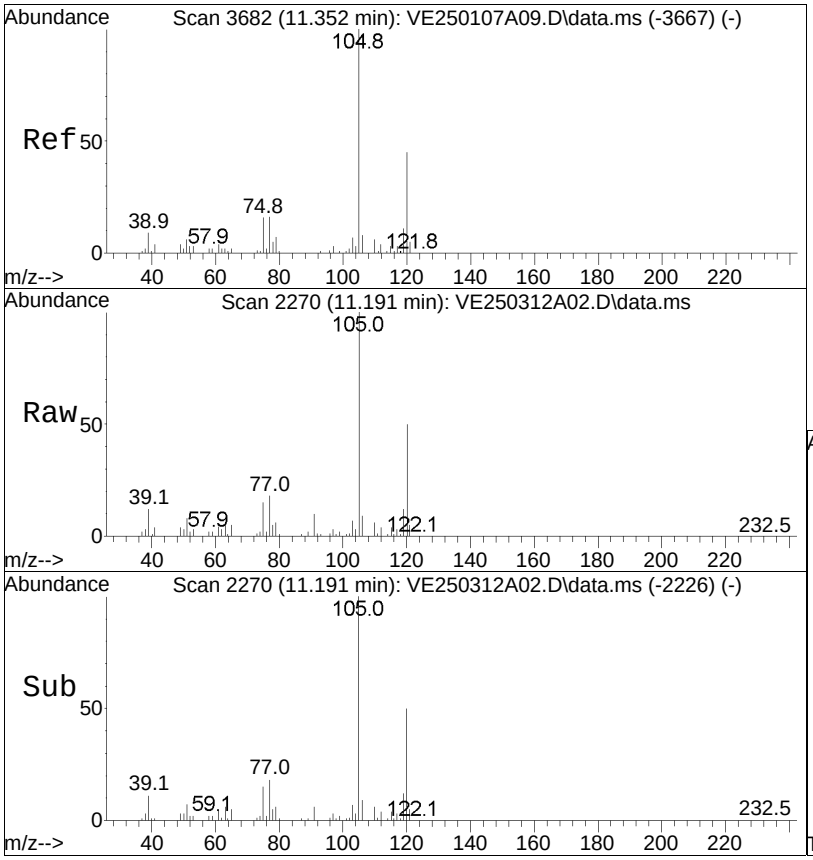


#94
2-Chlorotoluene
Concen: 9.83 ug/L M1
RT: 11.129 min Scan# 2256
Delta R.T. -0.002 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 91 Resp: 226898

Ion	Ratio	Lower	Upper
91	100		
126	34.4	28.0	42.0

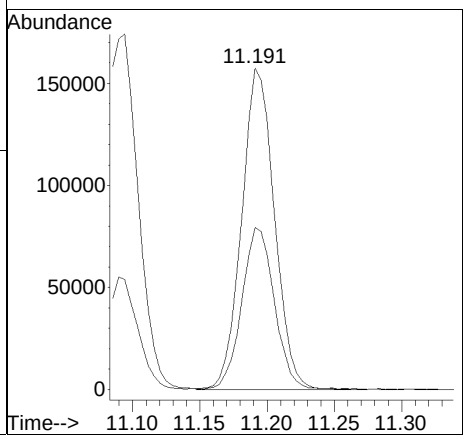


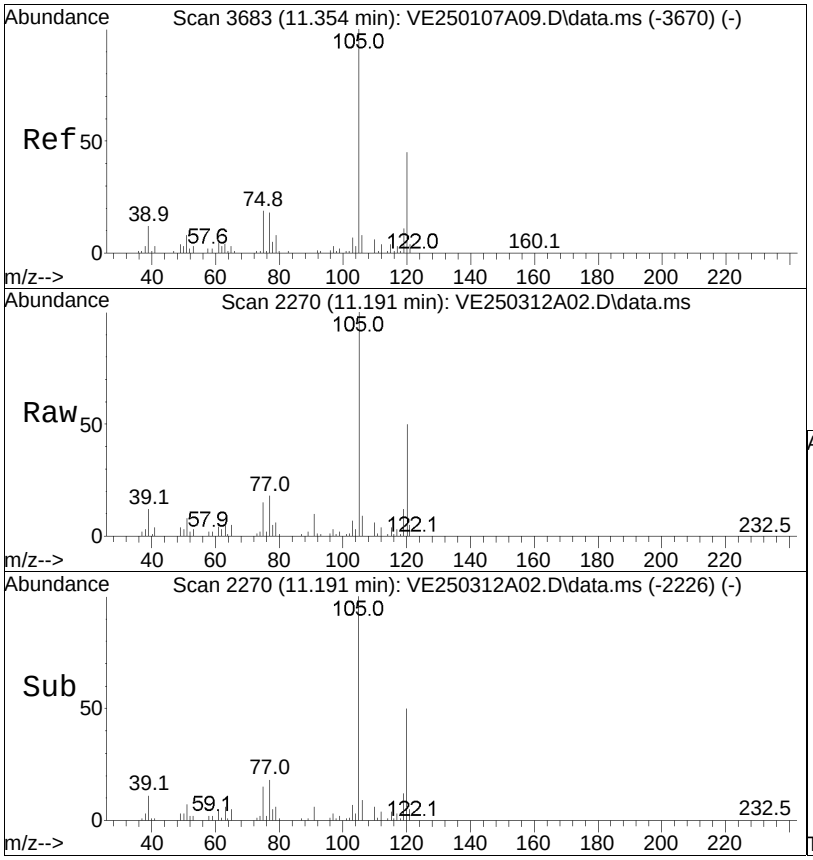


#95
1,3,5-Trimethylbenzene
Concen: 8.90 ug/L
RT: 11.191 min Scan# 2270
Delta R.T. -0.005 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:105 Resp: 266611

Ion	Ratio	Lower	Upper
105	100		
120	50.1	40.2	60.2

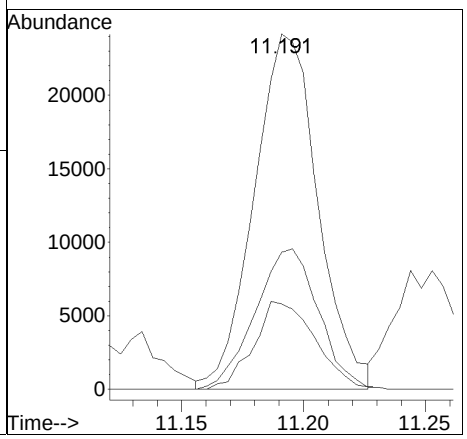


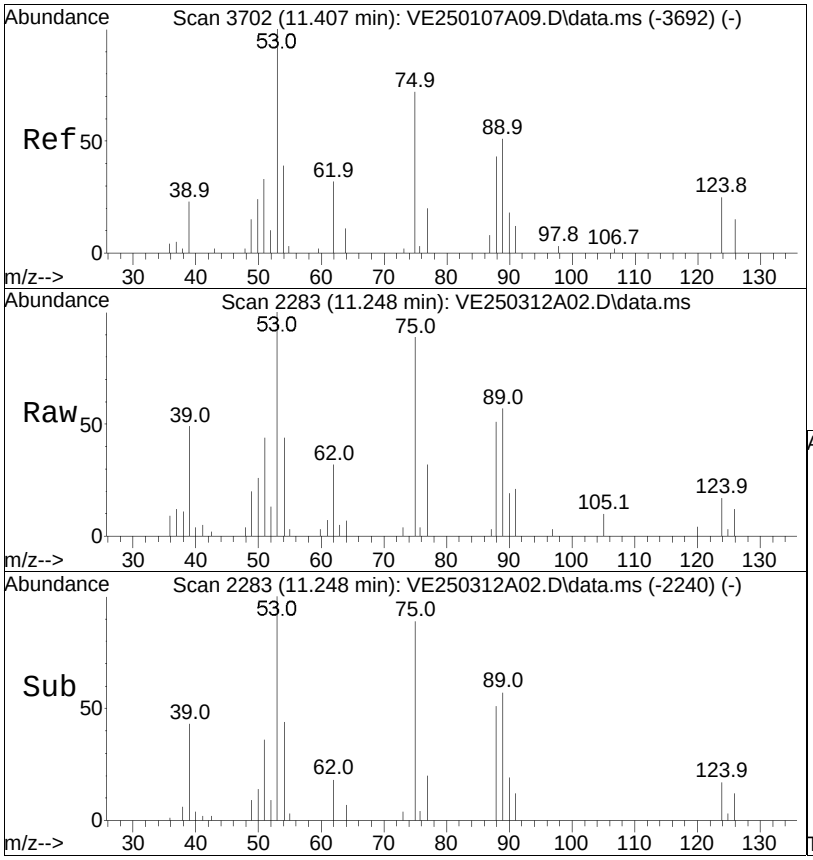


#96
1,2,3-Trichloropropane
Concen: 9.09 ug/L
RT: 11.191 min Scan# 2270
Delta R.T. -0.005 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 75 Resp: 44071

Ion	Ratio	Lower	Upper
75	100		
110	39.2	24.4	50.6
112	23.9	15.1	31.5

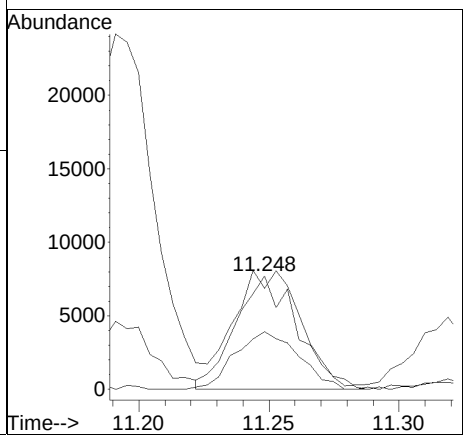


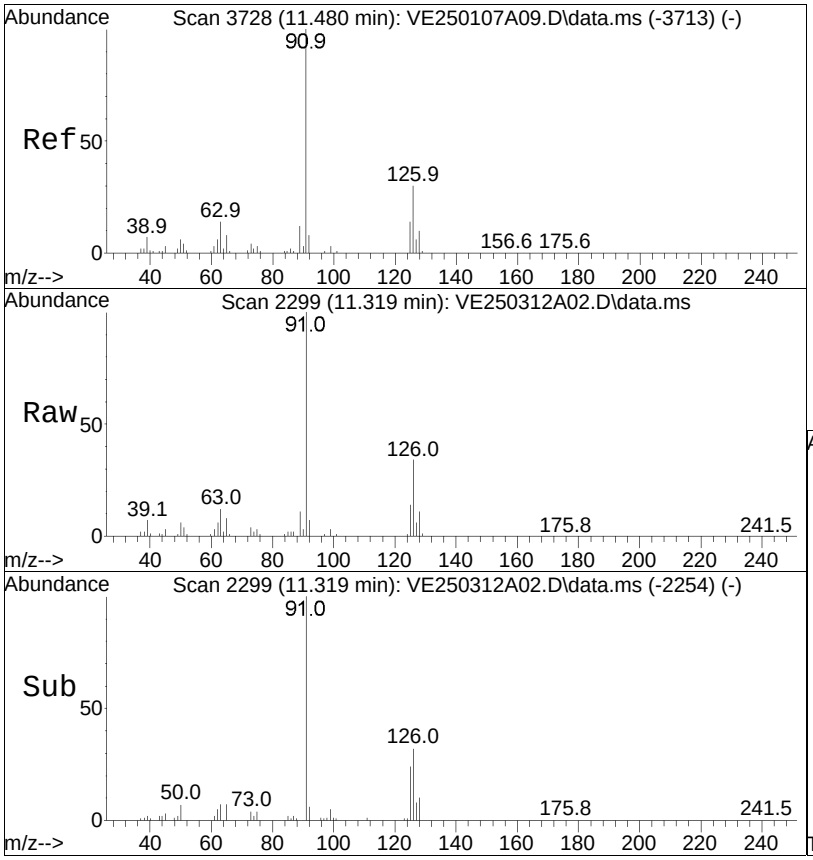


#97
trans-1,4-Dichloro-2-butene
Concen: 7.76 ug/L
RT: 11.248 min Scan# 2283
Delta R.T. -0.009 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 53 Resp: 12800

Ion	Ratio	Lower	Upper
53	100		
88	52.4	39.7	59.5
75	111.8	95.8	143.6

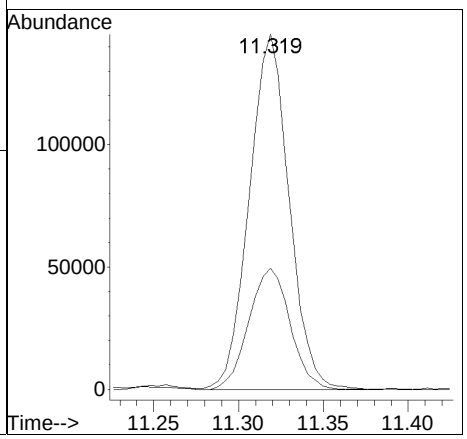


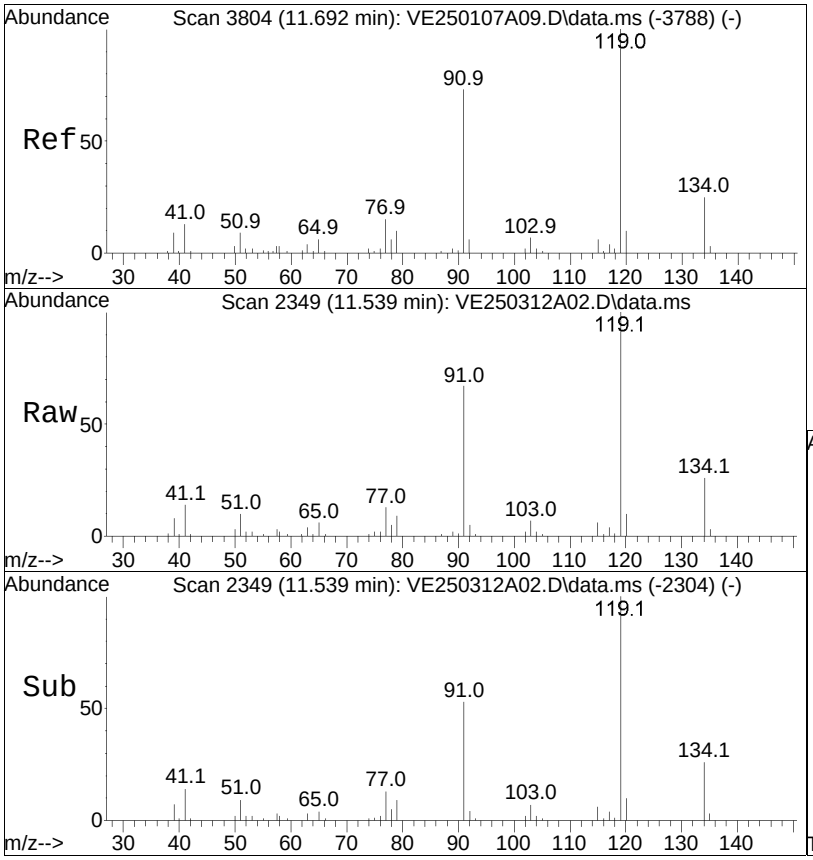


#98
4-Chlorotoluene
Concen: 9.87 ug/L
RT: 11.319 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 91 Resp: 236438

Ion	Ratio	Lower	Upper
91	100		
126	35.3	28.2	42.2

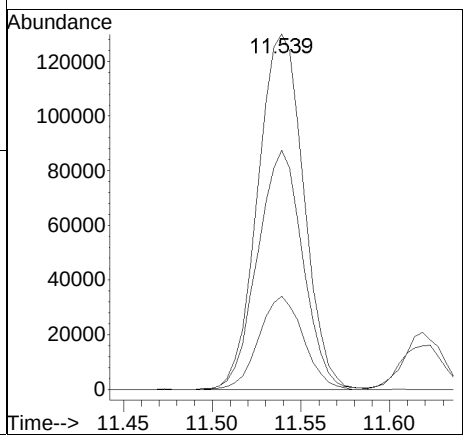


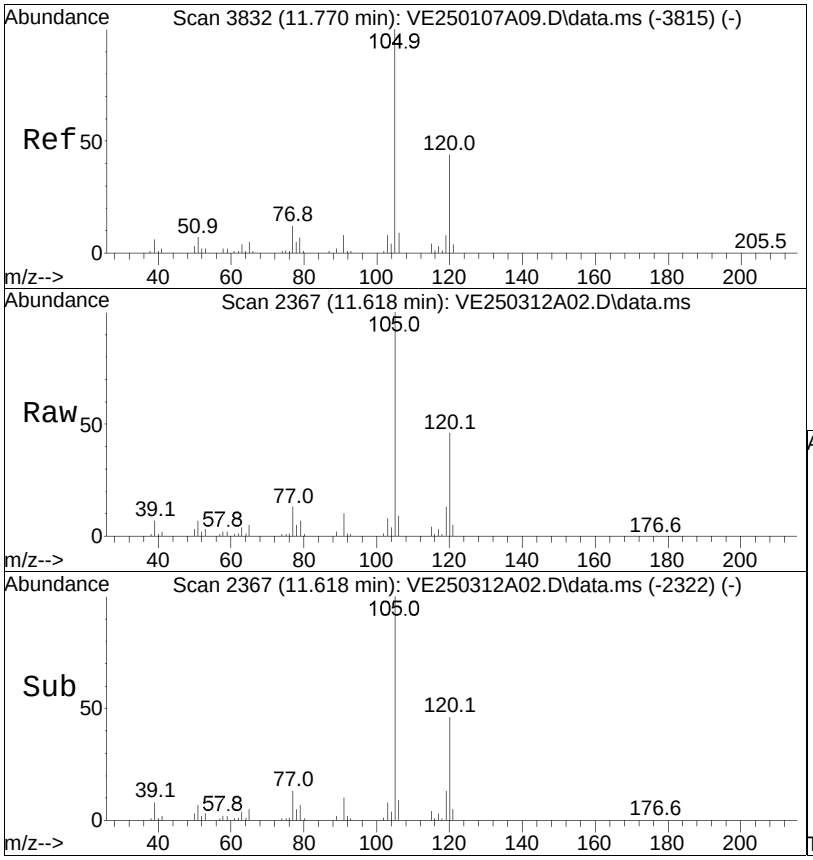


#99
tert-Butylbenzene
Concen: 9.37 ug/L
RT: 11.539 min Scan# 2349
Delta R.T. -0.002 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:119 Resp: 233962

Ion	Ratio	Lower	Upper
119	100		
91	66.5	51.7	77.5
134	25.3	20.9	31.3

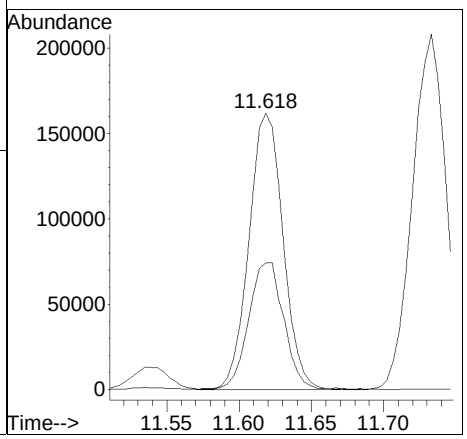


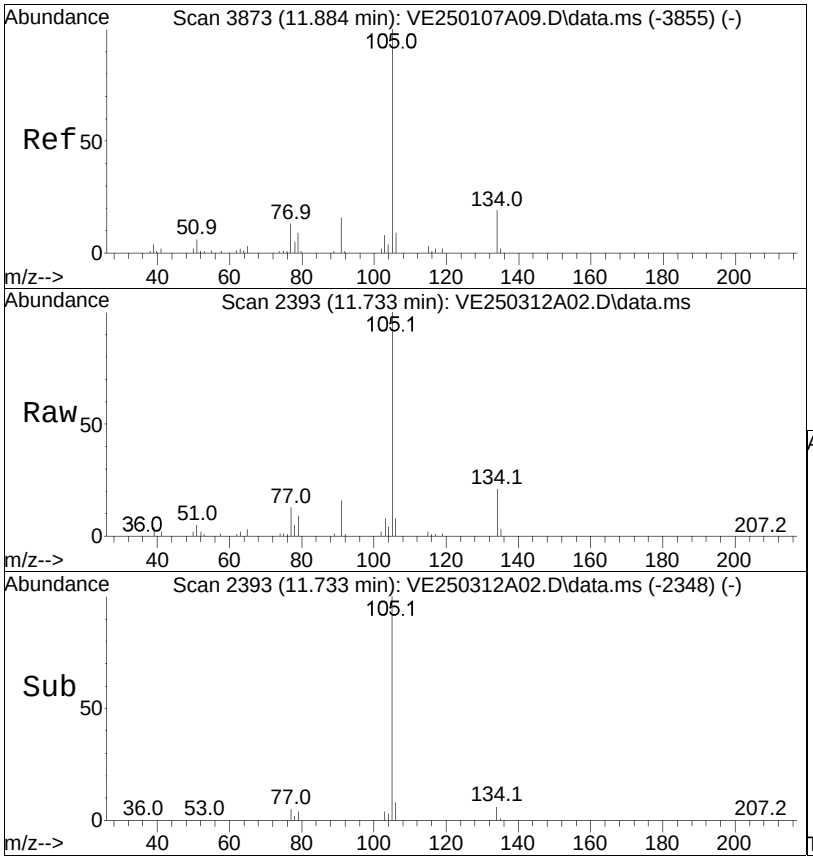


#102
1,2,4-Trimethylbenzene
Concen: 9.07 ug/L
RT: 11.618 min Scan# 2367
Delta R.T. -0.001 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:105 Resp: 265944

Ion	Ratio	Lower	Upper
105	100		
120	47.0	38.4	57.6

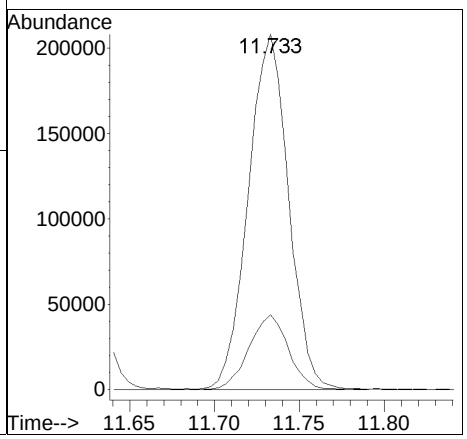


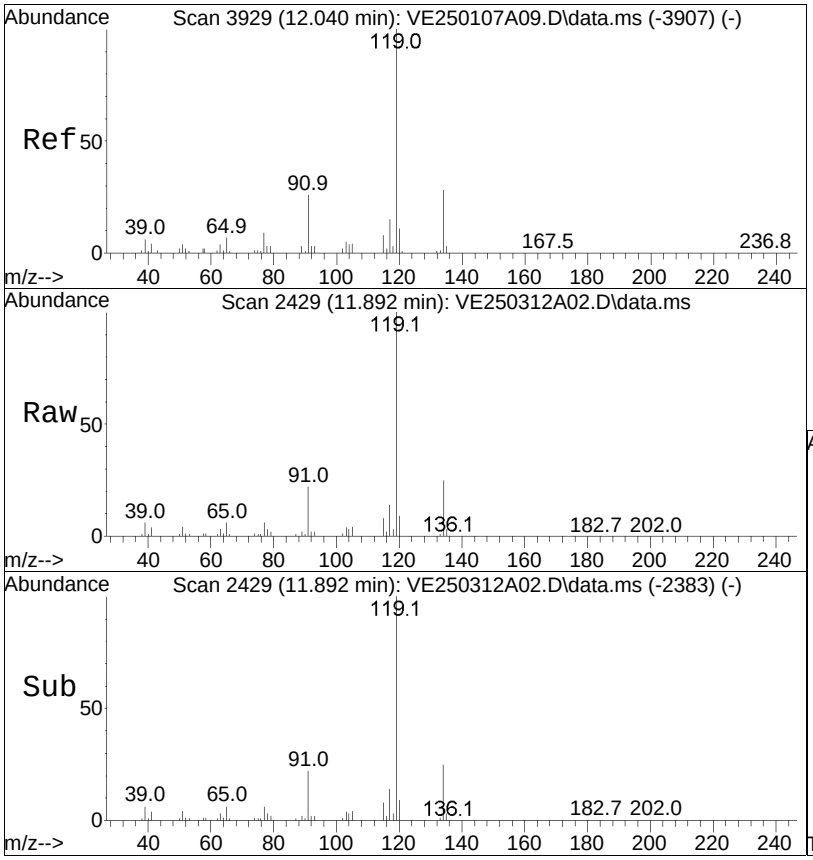


#103
sec-Butylbenzene
Concen: 9.06 ug/L
RT: 11.733 min Scan# 2393
Delta R.T. -0.001 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:105 Resp: 343012

Ion	Ratio	Lower	Upper
105	100		
134	20.5	13.0	27.0

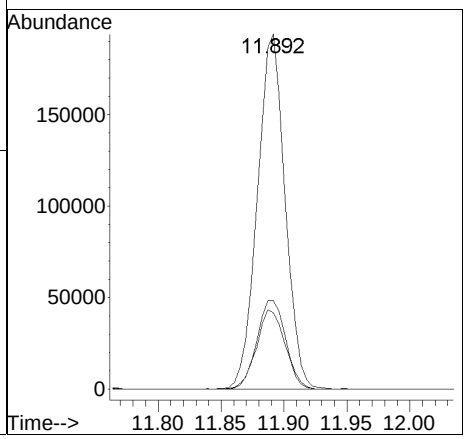


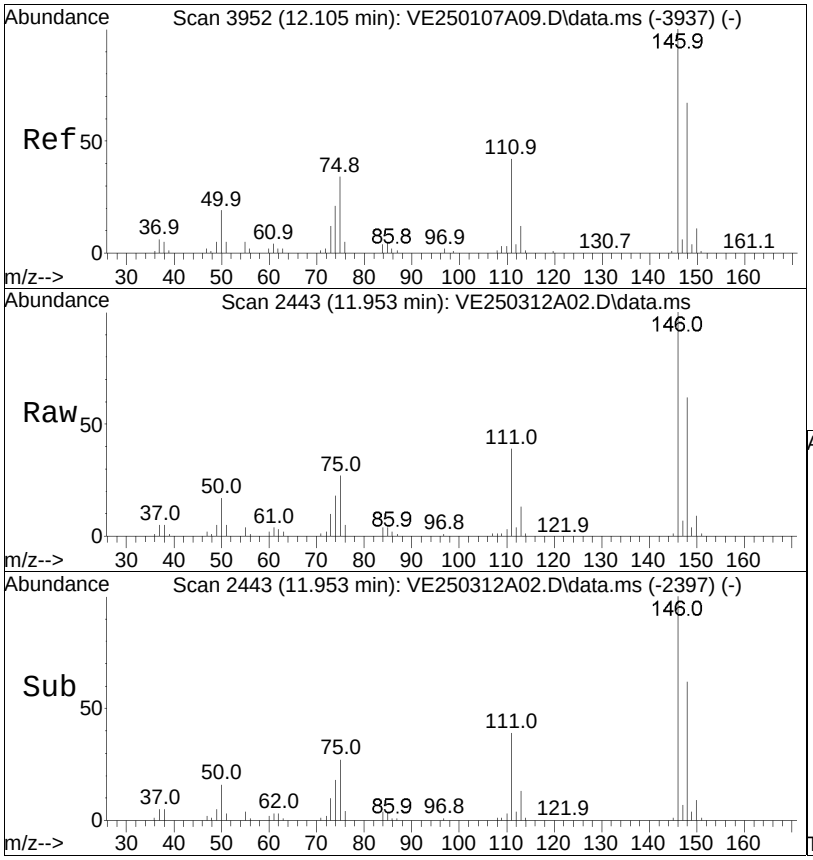


#104
p-Isopropyltoluene
Concen: 8.96 ug/L
RT: 11.892 min Scan# 2429
Delta R.T. 0.002 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:119 Resp: 297311

Ion	Ratio	Lower	Upper
119	100		
134	26.2	17.2	35.6
91	23.2	15.0	31.2

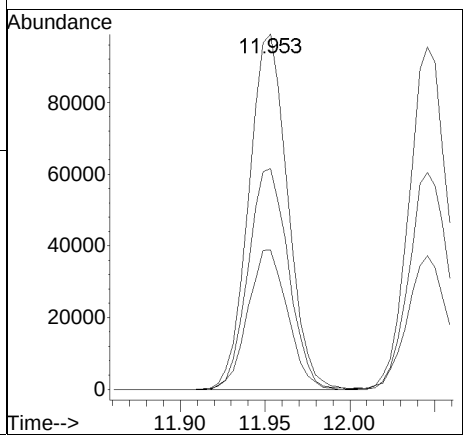


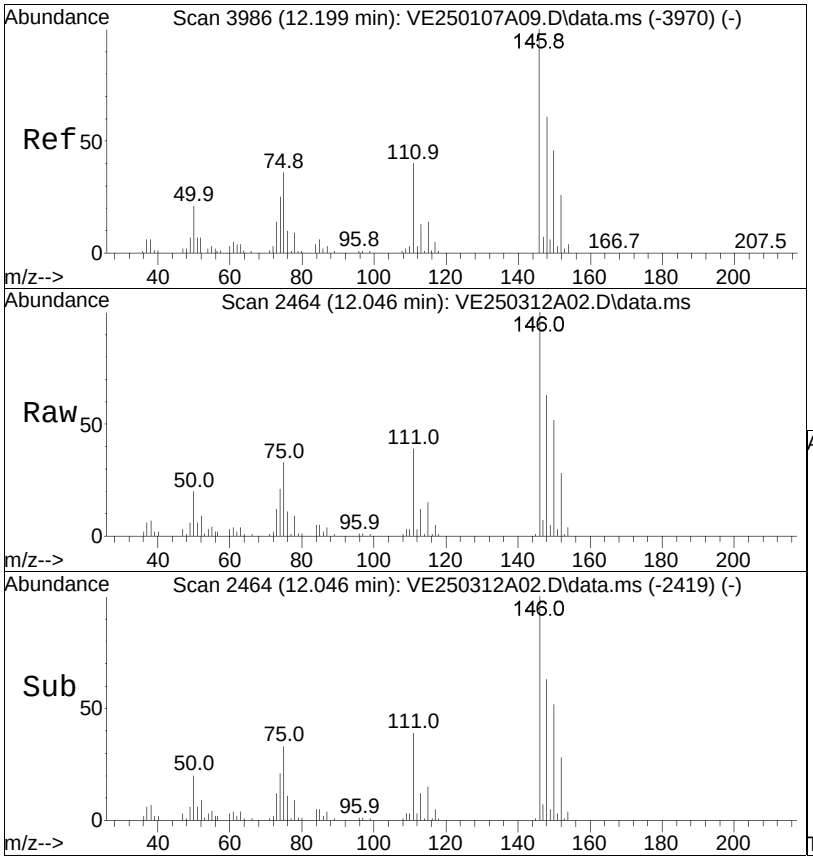


#105
1,3-Dichlorobenzene
Concen: 9.65 ug/L
RT: 11.953 min Scan# 2443
Delta R.T. 0.002 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:146 Resp: 158061

Ion	Ratio	Lower	Upper
146	100		
111	39.9	26.0	54.0
148	64.0	42.1	87.3

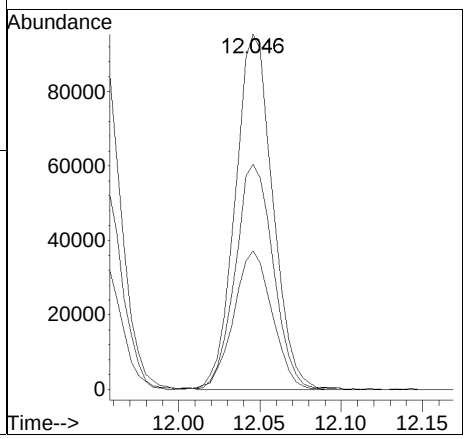


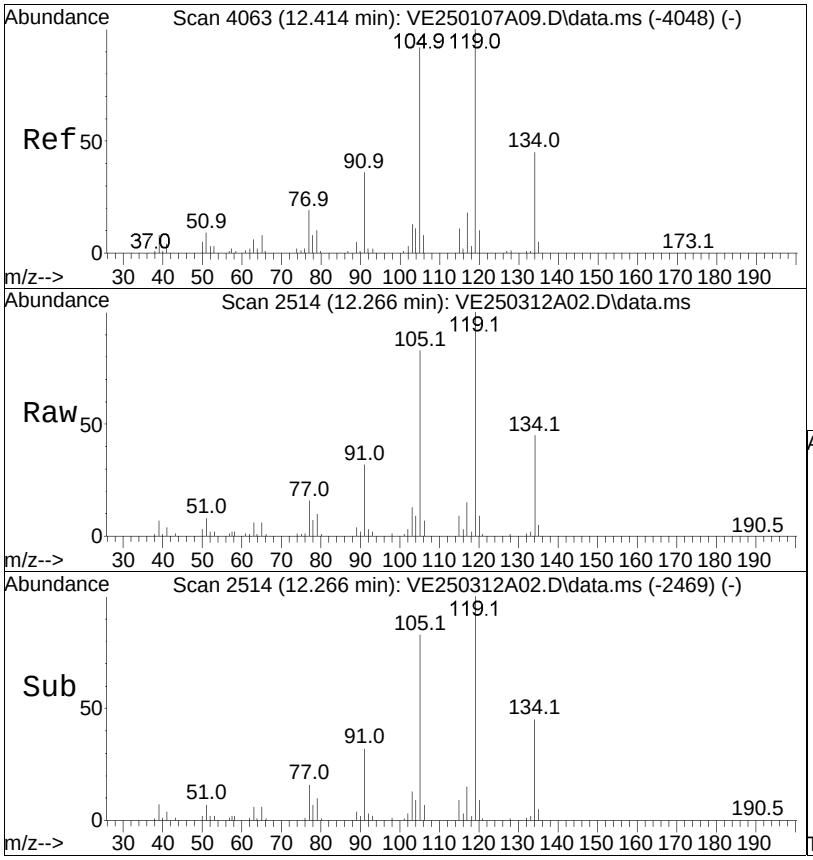


#106
1,4-Dichlorobenzene
Concen: 9.38 ug/L
RT: 12.046 min Scan# 2464
Delta R.T. -0.003 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:146 Resp: 152925

Ion	Ratio	Lower	Upper
146	100		
111	40.1	31.5	47.3
148	64.5	51.1	76.7

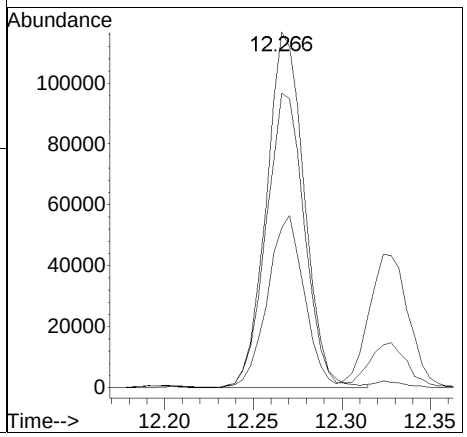


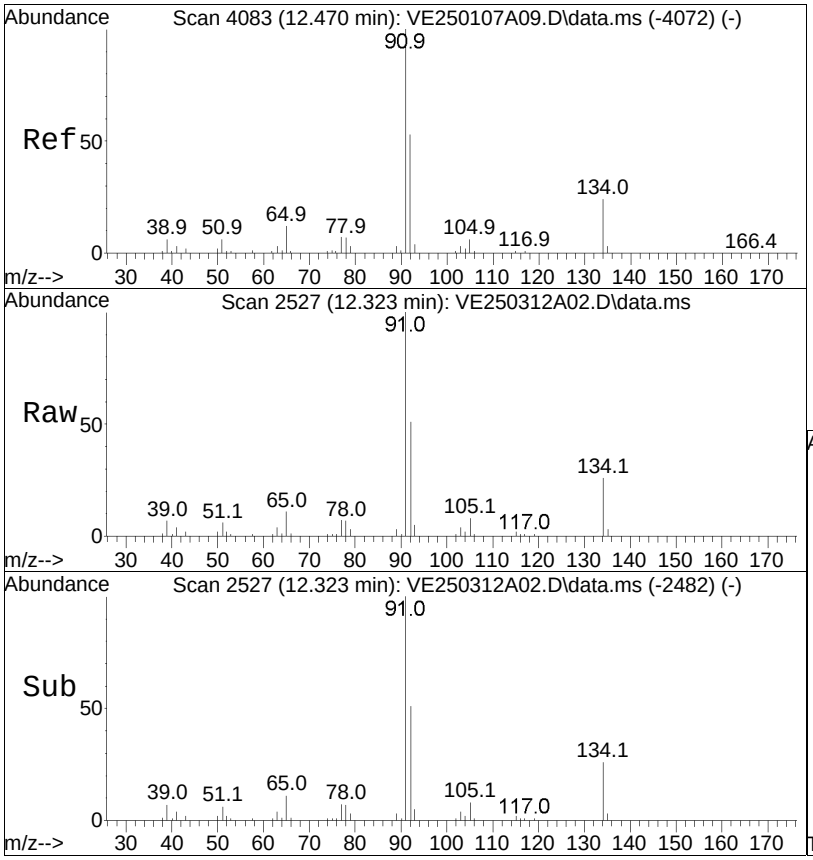


#107
p-Diethylbenzene
Concen: 8.79 ug/L
RT: 12.266 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:119 Resp: 173059

Ion	Ratio	Lower	Upper
119	100		
105	83.7	53.9	112.1
134	46.8	29.2	60.6

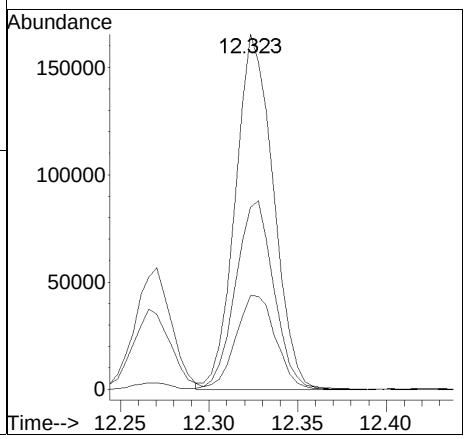


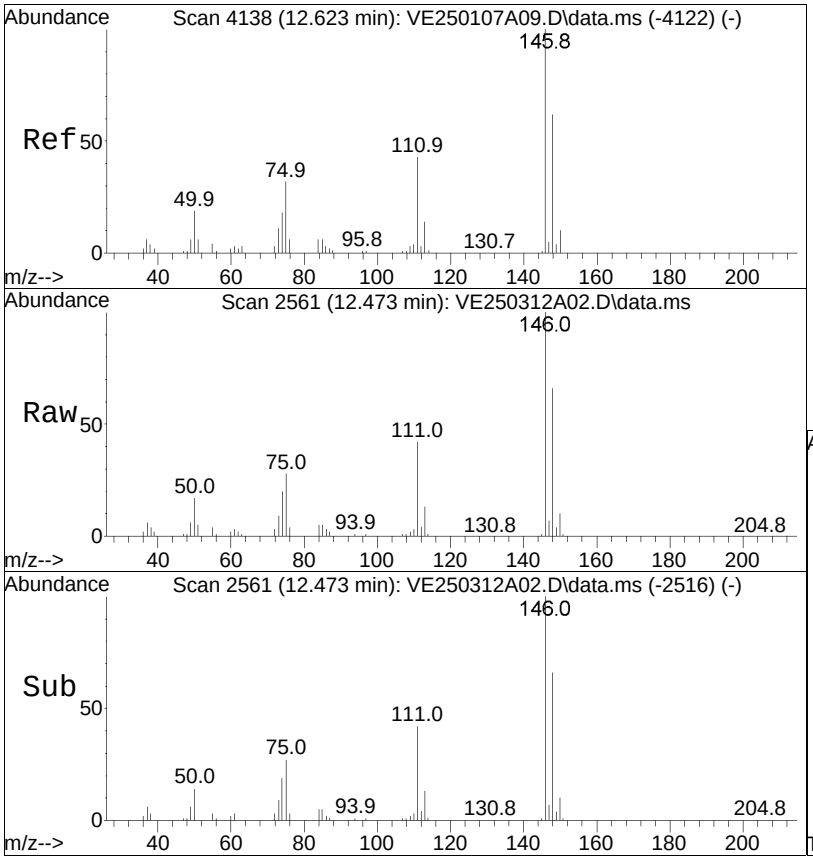


#108
n-Butylbenzene
Concen: 8.66 ug/L
RT: 12.323 min Scan# 2527
Delta R.T. -0.005 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion: 91 Resp: 246630

Ion	Ratio	Lower	Upper
91	100		
92	53.4	43.4	65.2
134	27.6	21.0	31.4

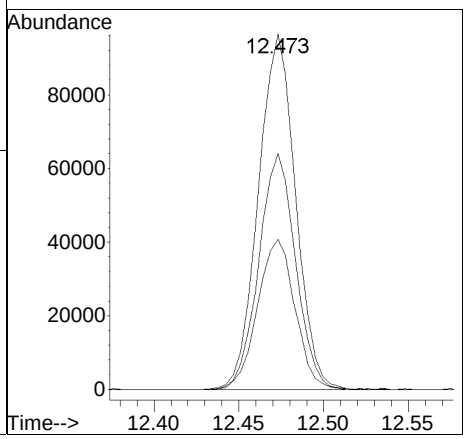


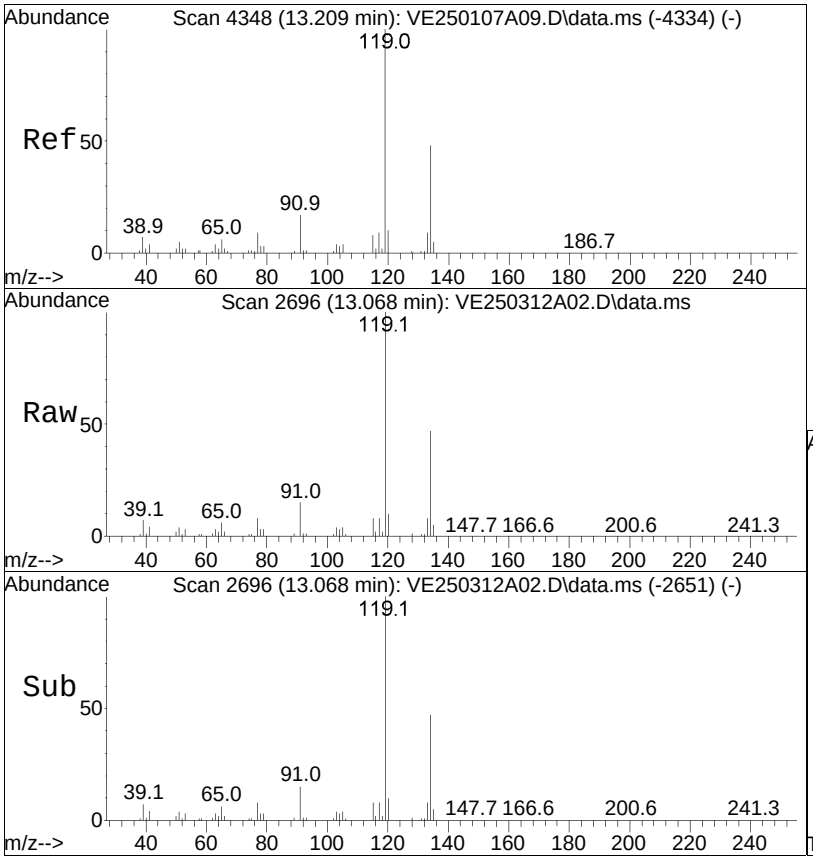


#109
1,2-Dichlorobenzene
Concen: 9.57 ug/L
RT: 12.473 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:146 Resp: 147245

Ion	Ratio	Lower	Upper
146	100		
111	42.4	26.8	55.6
148	65.7	40.9	84.9

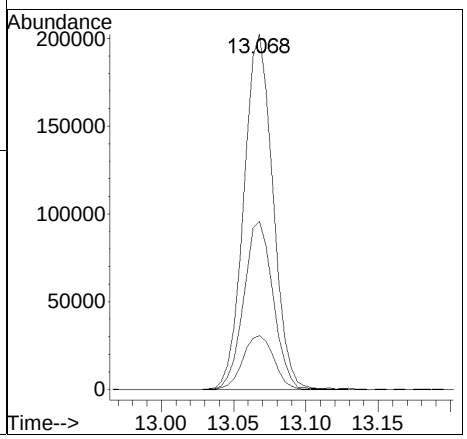


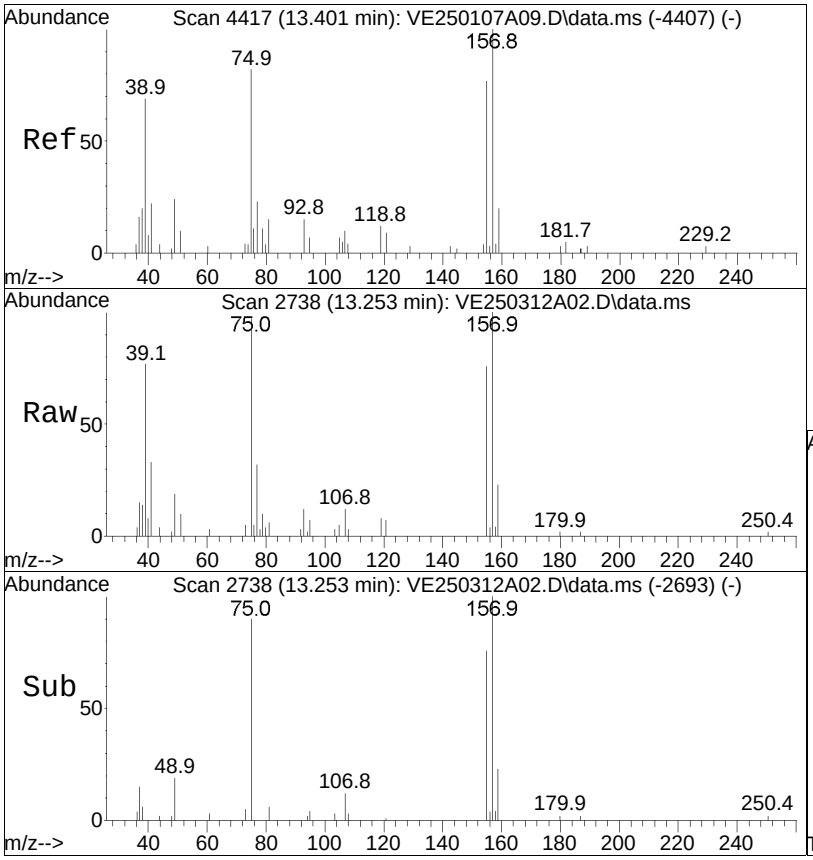


#110
1,2,4,5-Tetramethylbenzene
Concen: 9.12 ug/L
RT: 13.068 min Scan# 2696
Delta R.T. -0.002 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:119 Resp: 283137

Ion	Ratio	Lower	Upper
119	100		
134	47.9	30.7	63.9
91	16.1	10.2	21.2

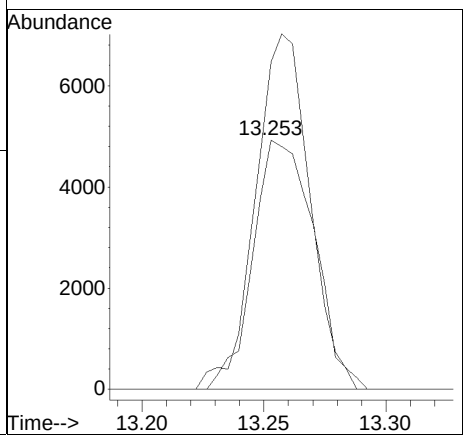


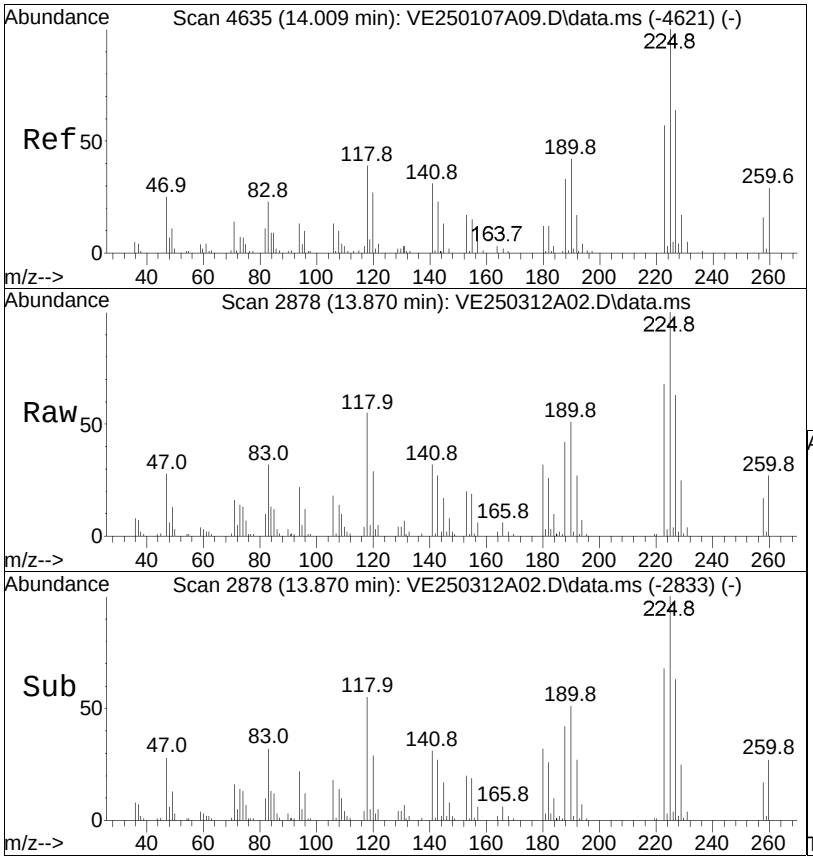


#111
1,2-Dibromo-3-chloropropane
Concen: 9.50 ug/L
RT: 13.253 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:155 Resp: 8433

Ion	Ratio	Lower	Upper
155	100		
157	130.4	95.8	143.8

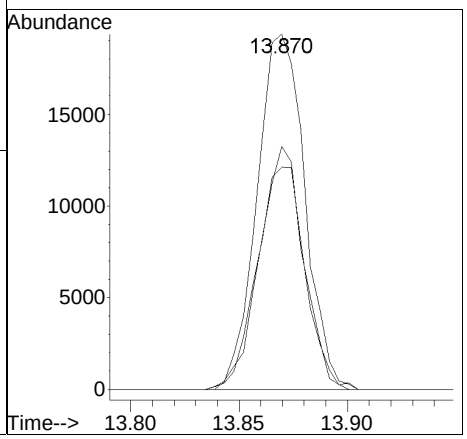


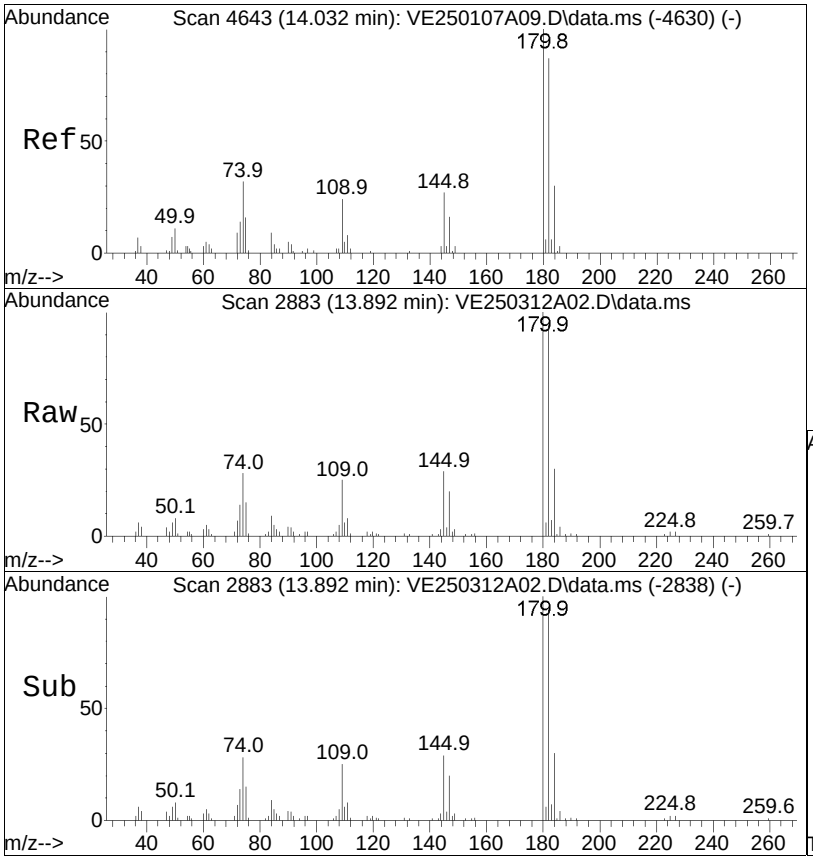


#113
Hexachlorobutadiene
Concen: 10.01 ug/L
RT: 13.870 min Scan# 2878
Delta R.T. -0.000 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:225 Resp: 29713

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.1	75.1
227	62.9	51.0	76.6

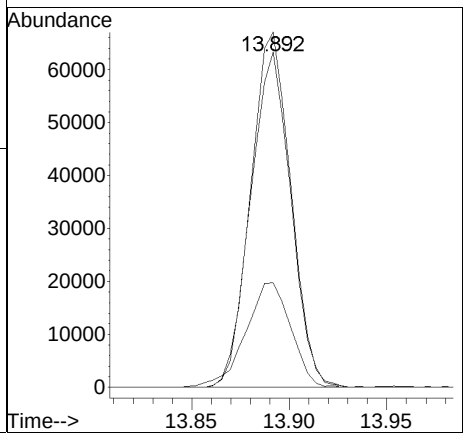


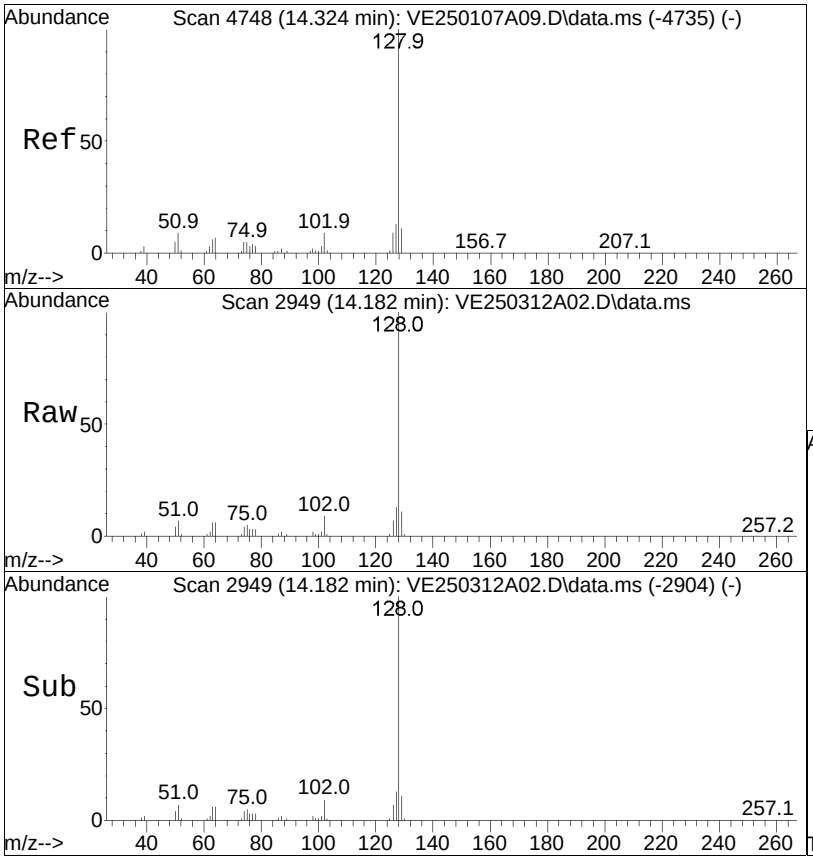


#114
1,2,4-Trichlorobenzene
Concen: 9.93 ug/L
RT: 13.892 min Scan# 2883
Delta R.T. -0.003 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:180 Resp: 96340

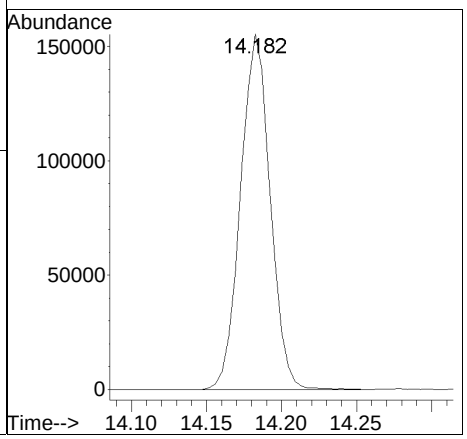
Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.2	114.2
145	33.1	27.8	41.6

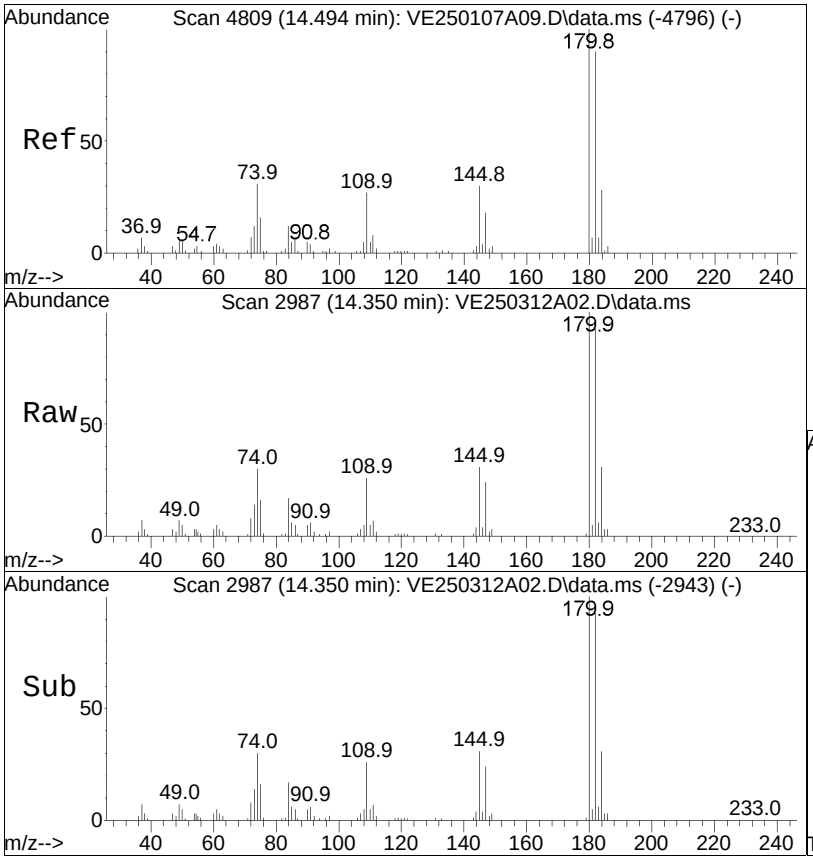




#115
Naphthalene
Concen: 9.23 ug/L
RT: 14.182 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:128 Resp: 213062

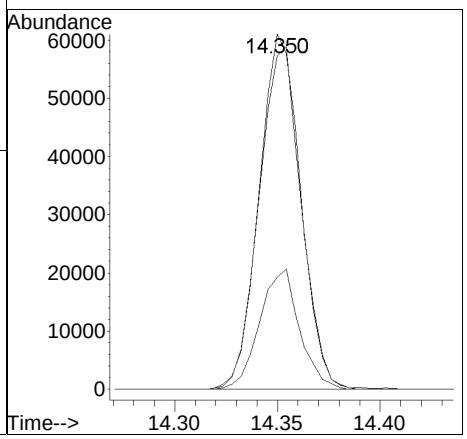




#116
1,2,3-Trichlorobenzene
Concen: 9.66 ug/L
RT: 14.350 min Scan# 2987
Delta R.T. -0.005 min
Lab File: VE250312A02.D
Acq: 12 Mar 2025 9:51 am

Tgt Ion:180 Resp: 85938

Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.0	115.4
145	32.4	25.9	38.9

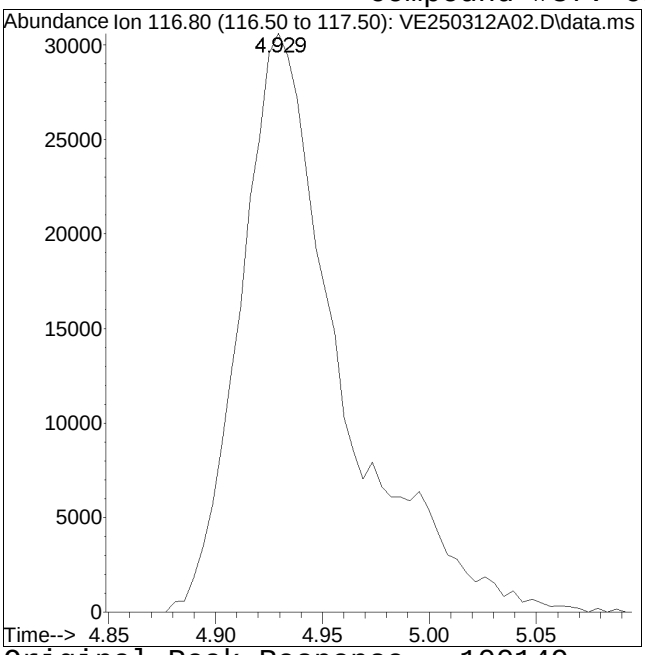


Manual Integration Report

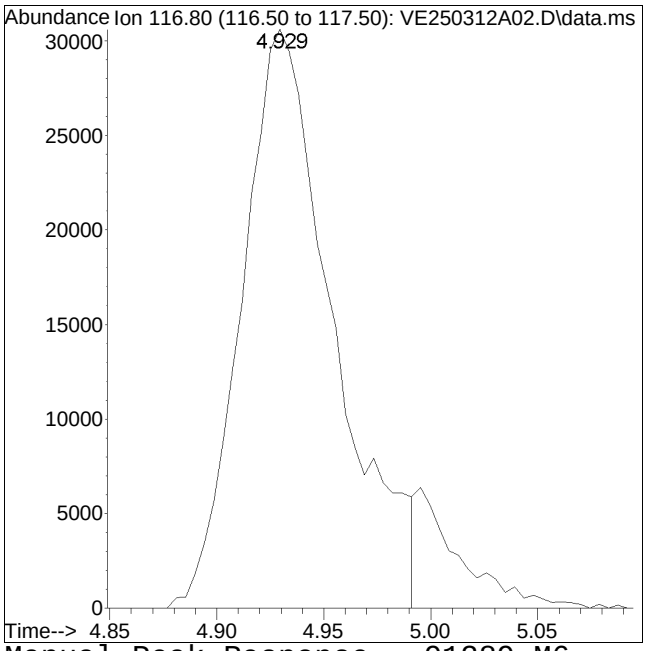
Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A02.D
Date Inj'd : 3/12/2025 9:51 am
Sample : WG2039699-4,31,10,10

QMethod : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 3/12/2025 10:30 am

Compound #37: Carbon tetrachloride



Original Peak Response = 100149



Manual Peak Response = 91289 M6

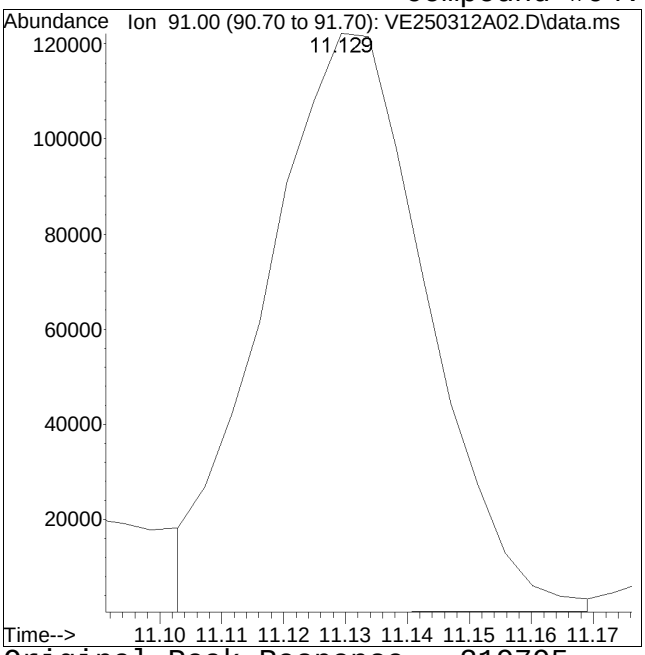
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

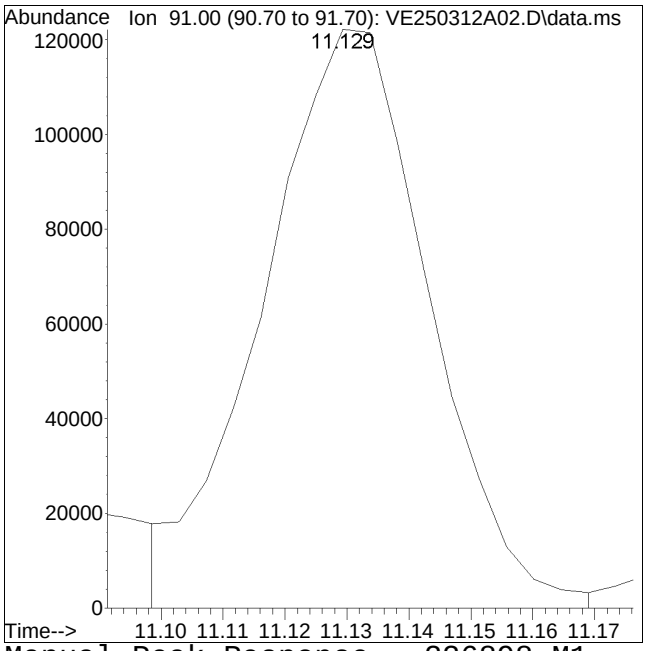
Data Path : K:\Elaine\2025\250312A\
Data File : VE250312A02.D
Date Inj'd : 3/12/2025 9:51 am
Sample : WG2039699-4,31,10,10

QMethod : Elaine_250220N_8260.m
Operator : ELAINE:PID
Instrument : Elaine
Quant Date : 3/12/2025 10:30 am

Compound #94: 2-Chlorotoluene



Original Peak Response = 219795



Manual Peak Response = 226898 M1

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A27.D
Acq On : 12 Mar 2025 5:59 pm
Operator : VOA105:JIC
Sample : WG2039666-6,31,10,10,,a1 (Sig #1); l2512368-10MS,31,10,10,,a1 (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 13 07:17:40 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.591	96	300158	10.000	ug/L	0.00
Standard Area 1 = 345765			Recovery = 86.81%			
59) Chlorobenzene-d5	9.076	117	226941	10.000	ug/L	0.00
Standard Area 1 = 264279			Recovery = 85.87%			
79) 1,4-Dichlorobenzene-d4	11.868	152	130346	10.000	ug/L	0.00
Standard Area 1 = 147134			Recovery = 88.59%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.814	113	79421	9.436	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.36%			
43) 1,2-Dichloroethane-d4	5.323	65	94161	9.703	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.03%			
60) Toluene-d8	7.256	98	286666	9.702	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.02%			
83) 4-Bromofluorobenzene	10.616	95	105976	10.170	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.465	85	79118	8.827	ug/L	100
3) Chloromethane	1.636	50	103997	9.004	ug/L	99
4) Vinyl chloride	1.698	62	95279	12.310	ug/L	97
5) Bromomethane	1.973	94	52216	15.015	ug/L	100
6) Chloroethane	2.076	64	55281	14.218	ug/L	98
7) Trichlorofluoromethane	2.199	101	113446	10.930	ug/L	99
8) Ethyl ether	2.481	74	30169	14.024	ug/L	93
10) 1,1-Dichloroethene	2.652	96	62101	12.533	ug/L	99
11) Carbon disulfide	2.680	76	190248	12.454	ug/L	99
15) Methylene chloride	3.181	84	76955	10.892	ug/L	95
17) Acetone	3.243	43	14890	10.336	ug/L	93
18) trans-1,2-Dichloroethene	3.325	96	76960	11.392	ug/L	92
20) Methyl tert-butyl ether	3.414	73	156425	11.387	ug/L	95
23) 1,1-Dichloroethane	3.881	63	156308	10.910	ug/L	100
25) Acrylonitrile	3.950	53	19218	9.761	ug/L	99
27) Vinyl acetate	4.114	43	114902M6	8.974	ug/L	
28) cis-1,2-Dichloroethene	4.382	96	84399	11.487	ug/L	95
29) 2,2-Dichloropropane	4.471	77	93324	9.537	ug/L	97
30) Bromochloromethane	4.567	128	40546	11.273	ug/L	94

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A27.D
Acq On : 12 Mar 2025 5:59 pm
Operator : VOA105:JIC
Sample : WG2039666-6,31,10,10,,a1 (Sig #1); l2512368-10MS,31,10,10,,a1 (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 13 07:17:40 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
32) Chloroform	4.643	83	137427	11.055	ug/L	99
34) Carbon tetrachloride	4.753	117	101827	9.828	ug/L	97
37) 1,1,1-Trichloroethane	4.821	97	114146	10.108	ug/L	99
39) 2-Butanone	4.945	43	26237	10.522	ug/L	94
40) 1,1-Dichloropropene	4.945	75	97017	10.261	ug/L	100
41) Benzene	5.182	78	289565	11.365	ug/L	97
44) 1,2-Dichloroethane	5.393	62	98841	10.361	ug/L	98
48) Trichloroethene	5.767	95	76698	10.538	ug/L	97
50) Dibromomethane	6.205	93	41003	11.068	ug/L	96
51) 1,2-Dichloropropane	6.303	63	81555	10.493	ug/L	97
54) Bromodichloromethane	6.381	83	94670	10.382	ug/L	99
57) 1,4-Dioxane	6.593	88	12279	379.841	ug/L	89
58) cis-1,3-Dichloropropene	7.058	75	96294	9.390	ug/L	97
61) Toluene	7.312	92	169957	10.365	ug/L	99
62) 4-Methyl-2-pentanone	7.757	58	15683	9.370	ug/L	93
63) Tetrachloroethene	7.750	166	78456	9.965	ug/L	99
65) trans-1,3-Dichloropropene	7.806	75	81170	9.870	ug/L	96
68) 1,1,2-Trichloroethane	7.983	83	44894	11.120	ug/L	99
69) Chlorodibromomethane	8.194	129	67988	10.374	ug/L	99
70) 1,3-Dichloropropane	8.300	76	94347	11.123	ug/L	99
71) 1,2-Dibromoethane	8.463	107	52365	10.805	ug/L	100
72) 2-Hexanone	8.759	43	26856	9.841	ug/L	96
73) Chlorobenzene	9.098	112	197502	10.088	ug/L	97
74) Ethylbenzene	9.133	91	318949	10.110	ug/L	99
75) 1,1,1,2-Tetrachloroethane	9.182	131	69773	9.854	ug/L	99
76) p/m Xylene	9.323	106	253697	20.763	ug/L	99
77) o Xylene	9.867	106	246066	21.021	ug/L	99
78) Styrene	9.937	104	392646	20.744	ug/L	98
80) Bromoform	9.965	173	37769	9.172	ug/L	98
82) Isopropylbenzene	10.269	105	324479	10.163	ug/L	99
84) Bromobenzene	10.729	156	81707	10.331	ug/L	98
85) n-Propylbenzene	10.779	91	370876	10.053	ug/L	100
87) 1,1,2,2-Tetrachloroethane	10.892	83	59844	10.891	ug/L	97
88) 4-Ethyltoluene	10.913	105	313513	9.987	ug/L	99
89) 2-Chlorotoluene	10.948	91	221668M6	10.111	ug/L	
90) 1,3,5-Trimethylbenzene	11.012	105	271200	9.845	ug/L	98
91) 1,2,3-Trichloropropane	11.026	75	47674	10.938	ug/L	98
92) trans-1,4-Dichloro-2-b...	11.090	53	18377	9.435	ug/L	89

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A27.D
Acq On : 12 Mar 2025 5:59 pm
Operator : VOA105:JIC
Sample : WG2039666-6,31,10,10,,a1 (Sig #1); l2512368-10MS,31,10,10,,a1 (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 13 07:17:40 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 4-Chlorotoluene	11.146	91	229029	10.128	ug/L	97
94) tert-Butylbenzene	11.366	119	241638	10.052	ug/L	100
97) 1,2,4-Trimethylbenzene	11.450	105	257564	9.806	ug/L	98
98) sec-Butylbenzene	11.557	105	340859	10.065	ug/L	99
99) p-Isopropyltoluene	11.719	119	295867	9.841	ug/L	99
100) 1,3-Dichlorobenzene	11.790	146	159823	10.046	ug/L	98
101) 1,4-Dichlorobenzene	11.882	146	160302	9.806	ug/L	99
102) p-Diethylbenzene	12.101	119	170475	9.659	ug/L	99
103) n-Butylbenzene	12.165	91	229949	9.664	ug/L	99
104) 1,2-Dichlorobenzene	12.313	146	147112	10.215	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.908	119	234463	8.729	ug/L	100
106) 1,2-Dibromo-3-chloropr...	13.113	155	8695	9.604	ug/L	96
108) Hexachlorobutadiene	13.714	225	33042	8.912	ug/L	99
109) 1,2,4-Trichlorobenzene	13.742	180	87113	9.878	ug/L	99
110) Naphthalene	14.032	128	194496	11.002	ug/L	100
111) 1,2,3-Trichlorobenzene	14.202	180	77141	10.428	ug/L	99

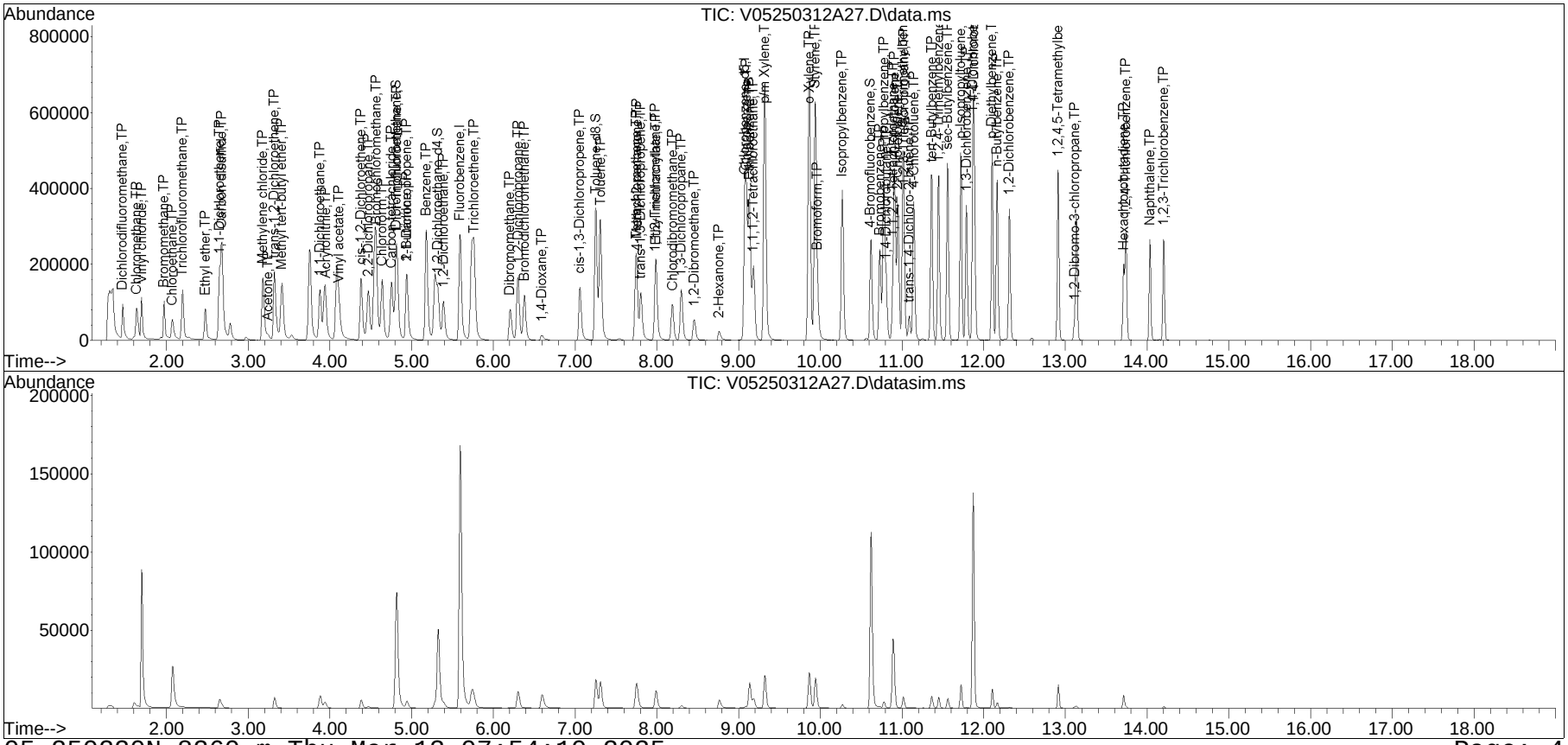
(#) = qualifier out of range (m) = manual integration (+) = signals summed

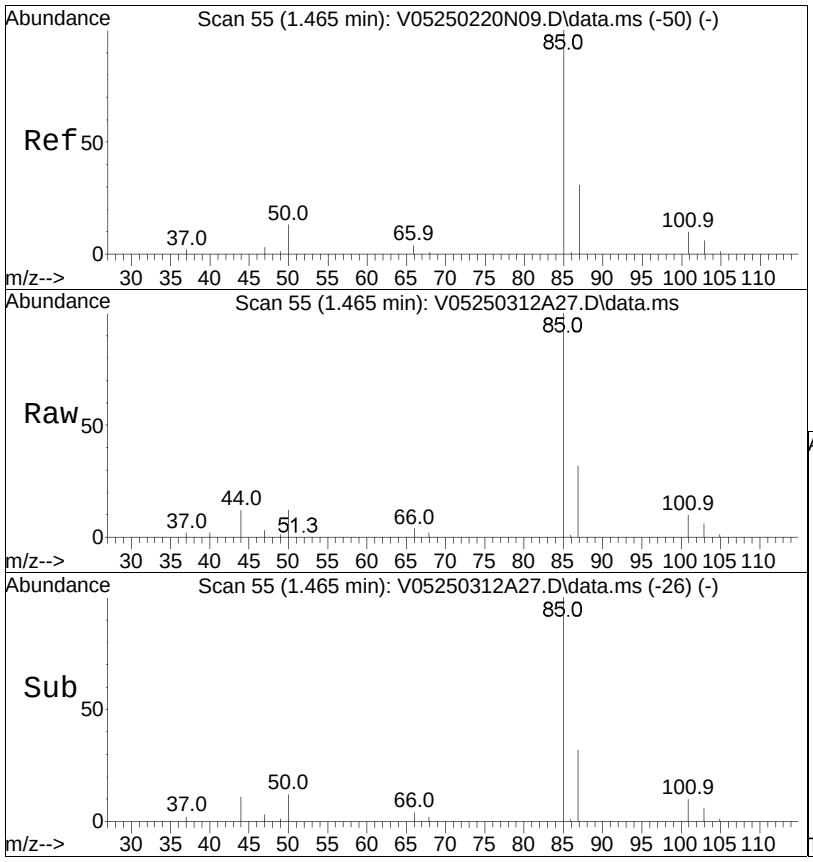
Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A27.D
Acq On : 12 Mar 2025 5:59 pm
Operator : VOA105:JIC
Sample : WG2039666-6,31,10,10,,a1 (Sig #1); l2512368-10MS,31,10,10,,a1 (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 13 07:17:40 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250312A01.D•

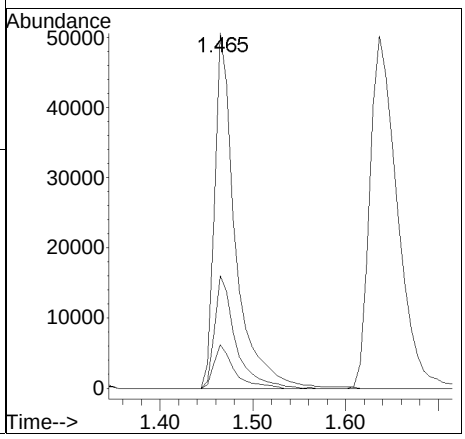


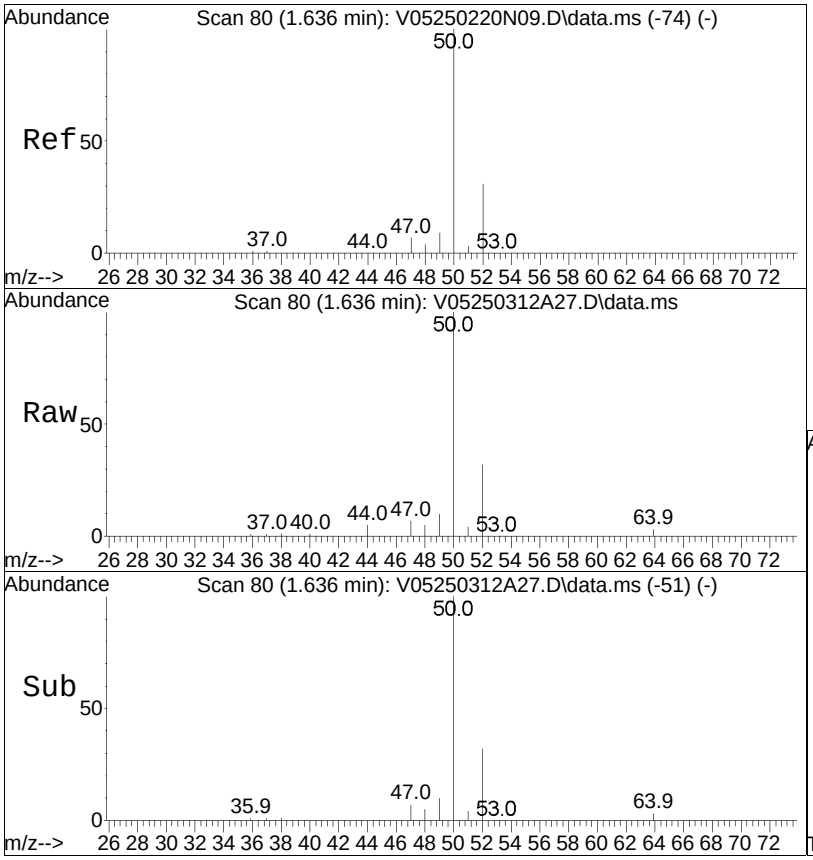


#2
Dichlorodifluoromethane
Concen: 8.83 ug/L
RT: 1.465 min Scan# 55
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 85 Resp: 79118

Ion	Ratio	Lower	Upper
85	100		
87	31.8	20.8	43.2
50	12.1	8.0	16.6

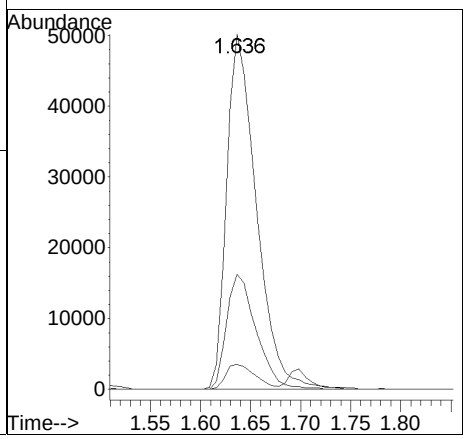


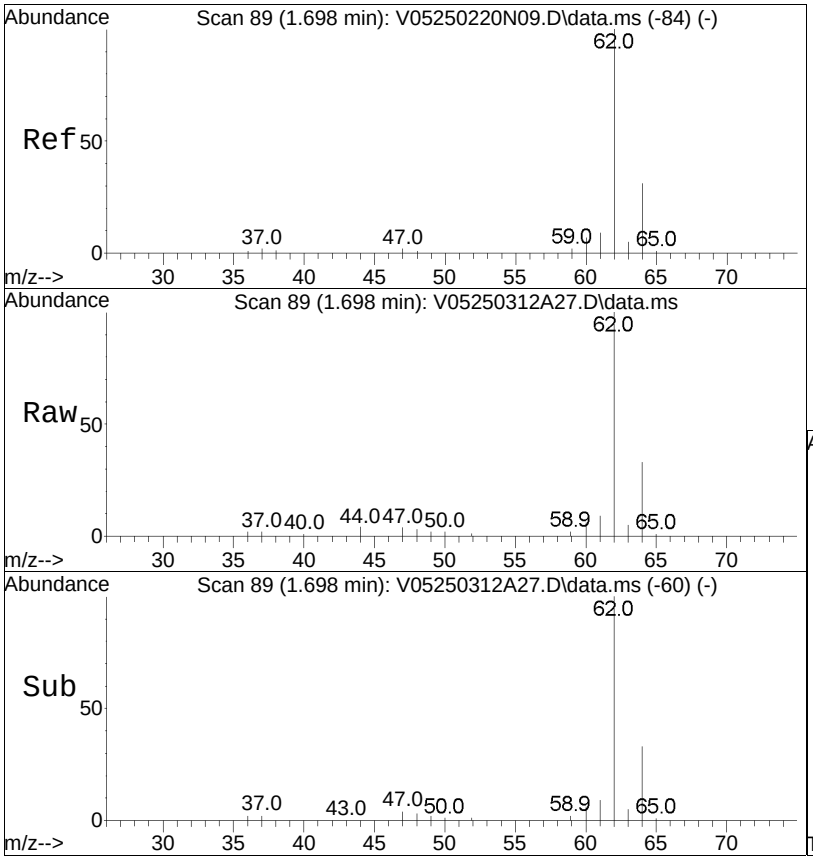


#3
Chloromethane
Concen: 9.00 ug/L
RT: 1.636 min Scan# 80
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 50 Resp: 103997

Ion	Ratio	Lower	Upper
50	100		
52	32.2	12.6	52.6
47	7.1	0.0	27.3

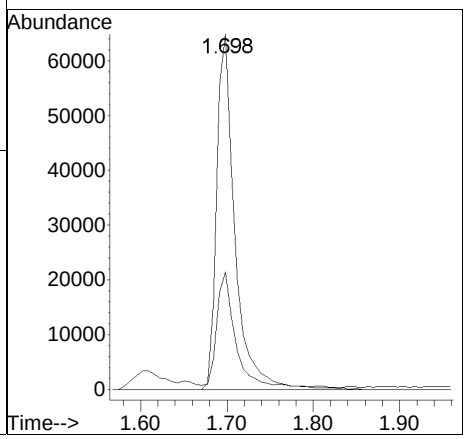


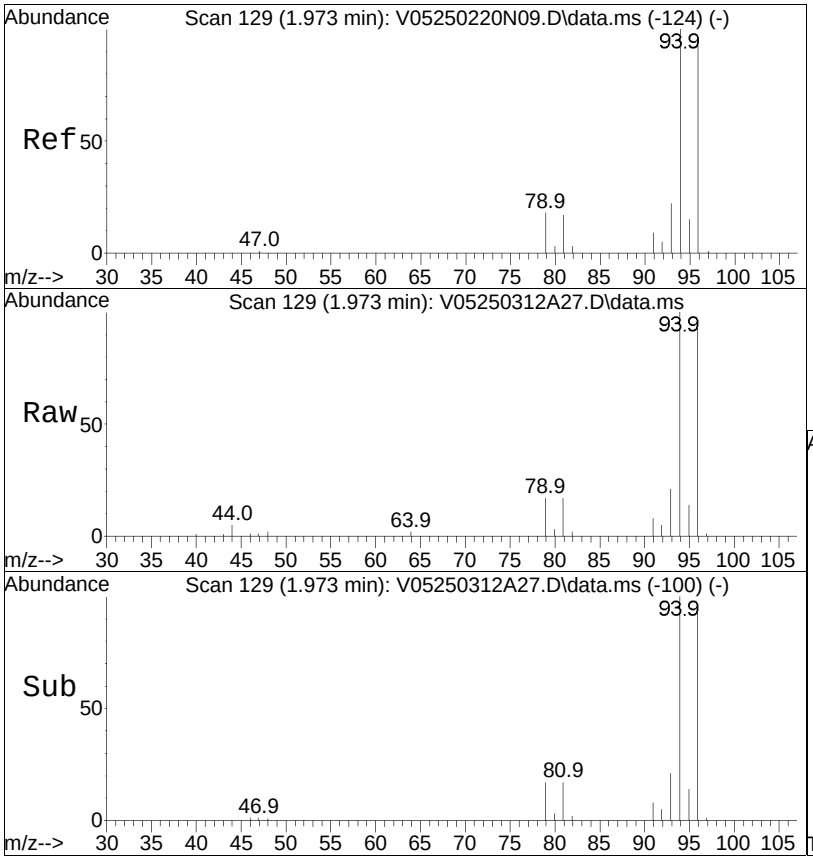


#4
Vinyl chloride
Concen: 12.31 ug/L
RT: 1.698 min Scan# 89
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 62 Resp: 95279

Ion	Ratio	Lower	Upper
62	100		
64	32.5	11.0	51.0

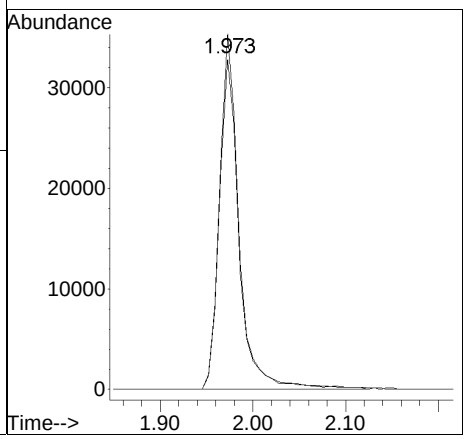


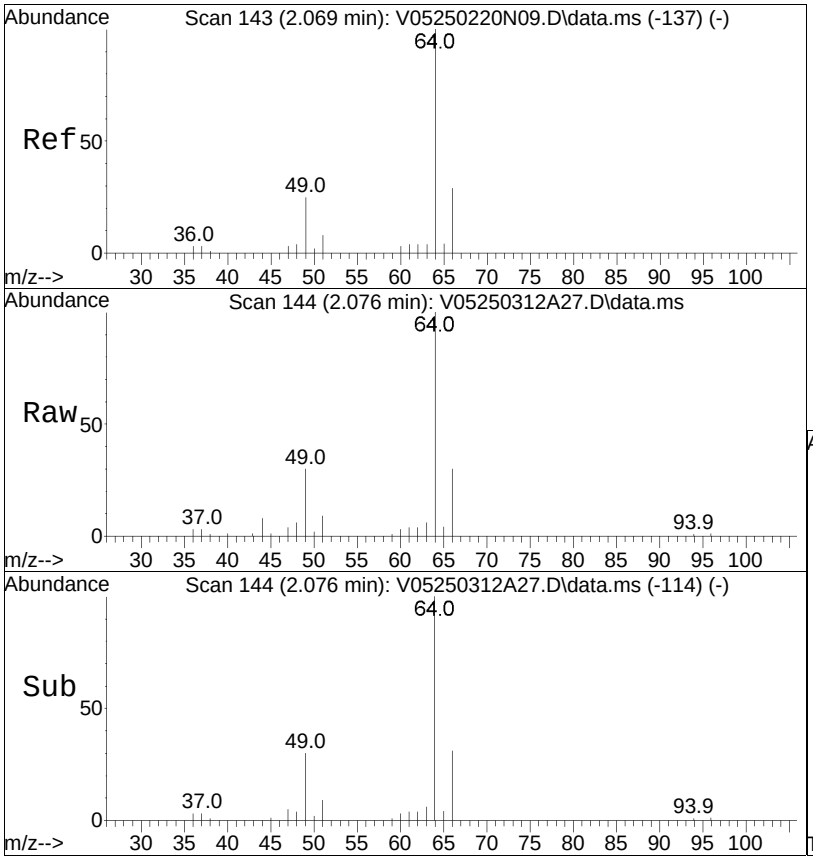


#5
Bromomethane
Concen: 15.02 ug/L
RT: 1.973 min Scan# 129
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 94 Resp: 52216

Ion	Ratio	Lower	Upper
94	100		
96	93.3	72.9	112.9

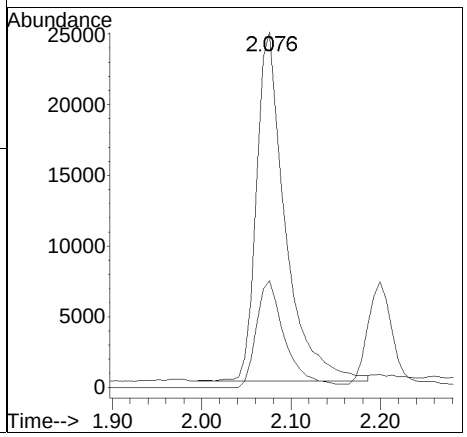


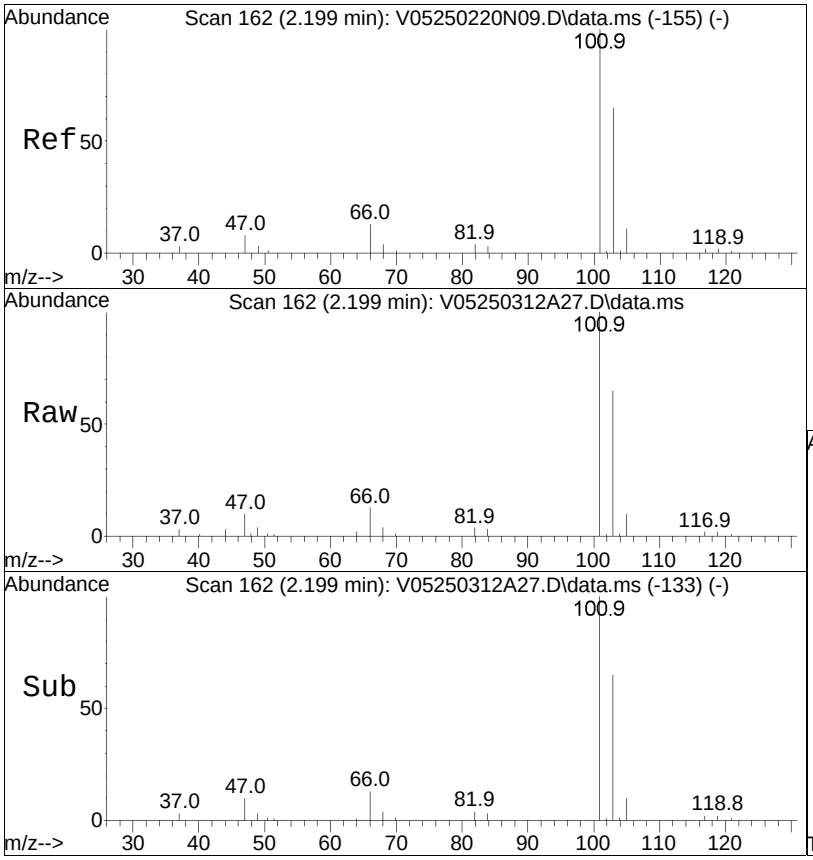


#6
Chloroethane
Concen: 14.22 ug/L
RT: 2.076 min Scan# 144
Delta R.T. 0.007 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 64 Resp: 55281

Ion	Ratio	Lower	Upper
64	100		
66	30.4	9.2	49.2

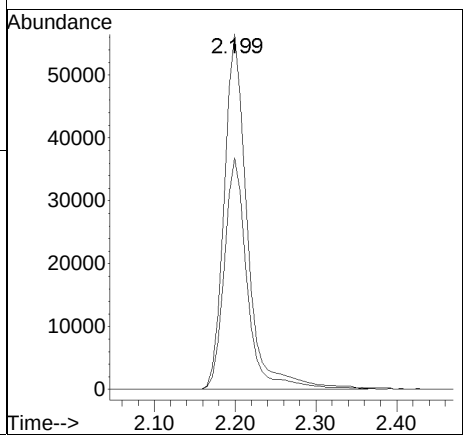


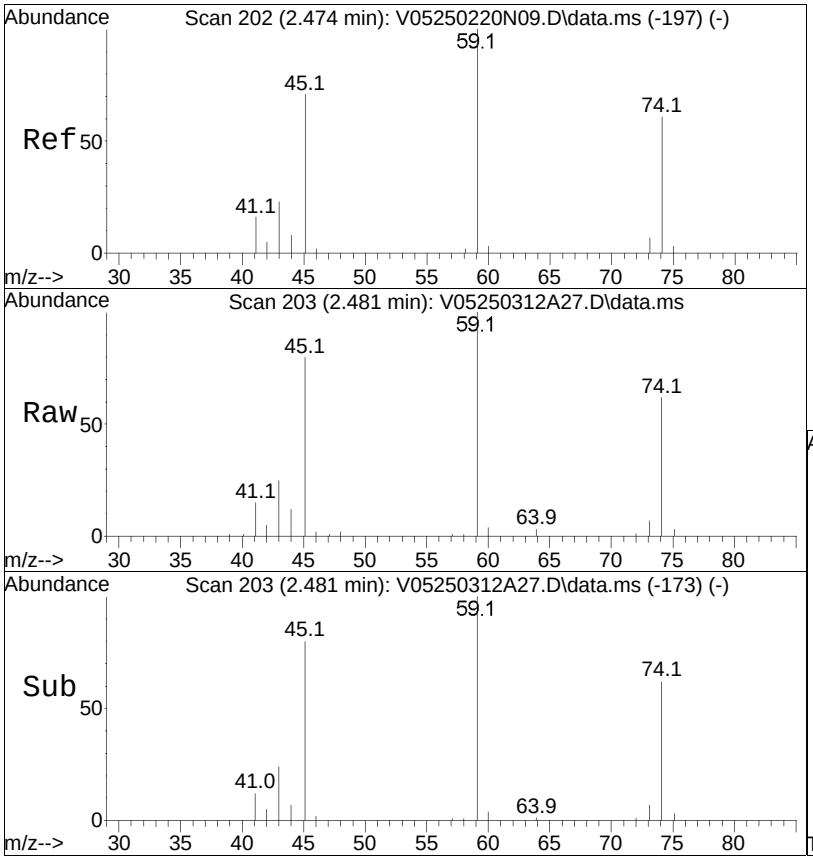


#7
Trichlorofluoromethane
Concen: 10.93 ug/L
RT: 2.199 min Scan# 162
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:101 Resp: 113446

Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.4	78.6

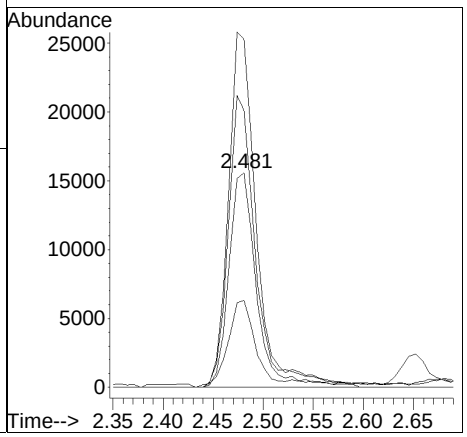


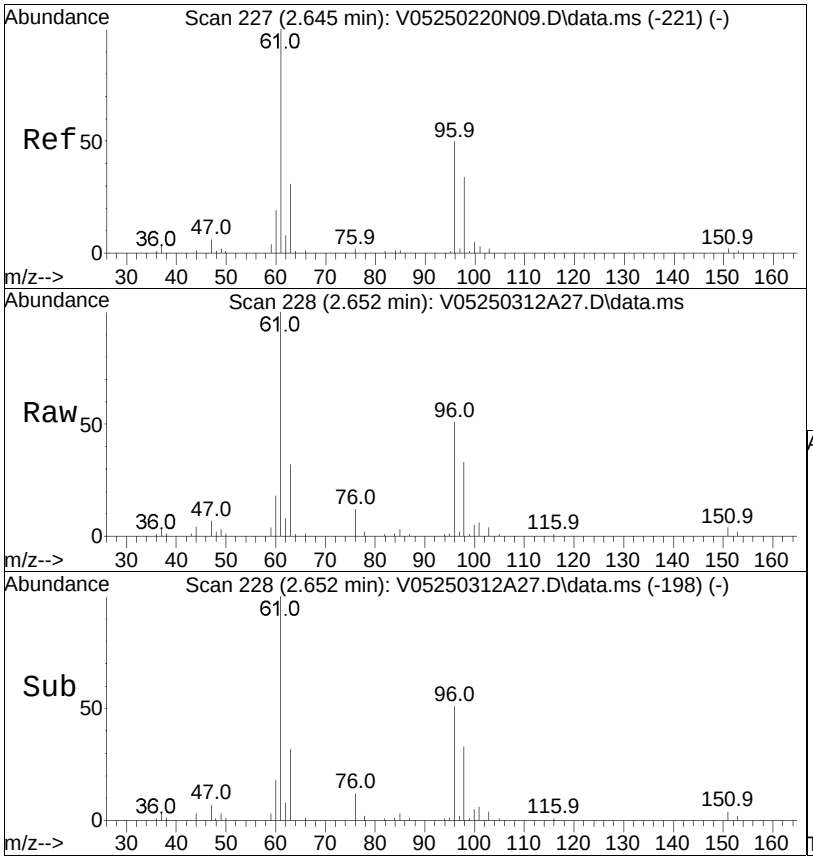


#8
Ethyl ether
Concen: 14.02 ug/L
RT: 2.481 min Scan# 203
Delta R.T. 0.007 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 74 Resp: 30169

Ion	Ratio	Lower	Upper
74	100		
59	167.1	111.5	231.7
45	135.4	78.1	162.3
43	40.0	26.7	55.4

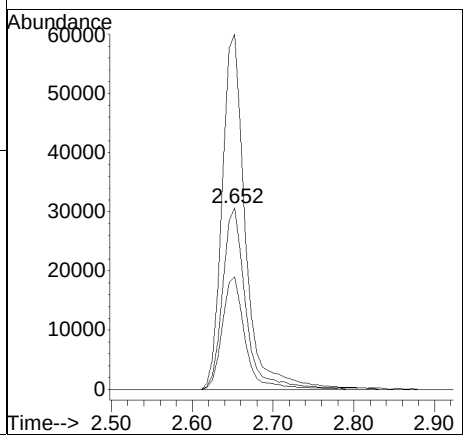


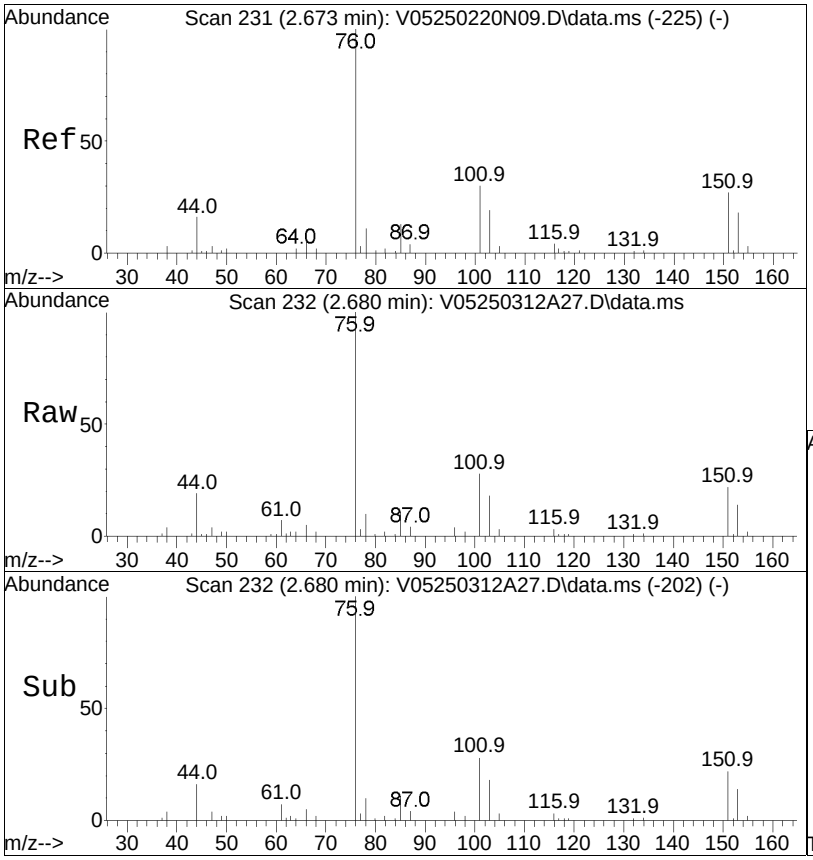


#10
1,1-Dichloroethene
Concen: 12.53 ug/L
RT: 2.652 min Scan# 228
Delta R.T. 0.007 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 96 Resp: 62101

Ion	Ratio	Lower	Upper
96	100		
61	194.5	156.0	234.0
63	60.8	47.4	71.2

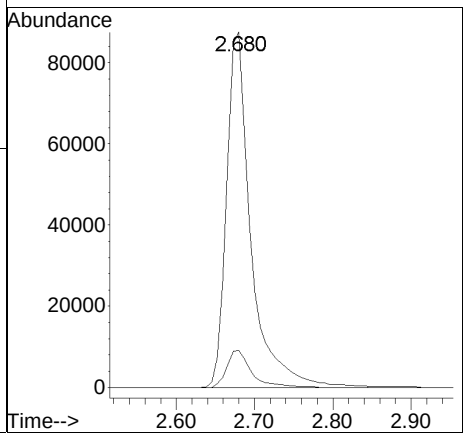


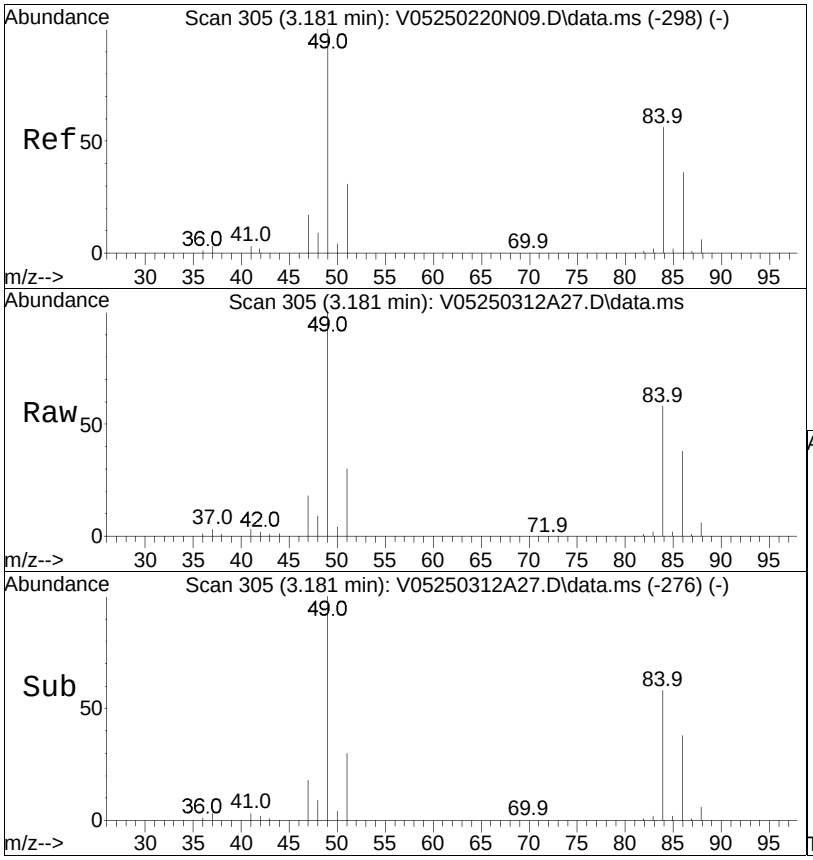


#11
Carbon disulfide
Concen: 12.45 ug/L
RT: 2.680 min Scan# 232
Delta R.T. 0.007 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 76 Resp: 190248

Ion	Ratio	Lower	Upper
76	100		
78	10.5	6.6	13.6

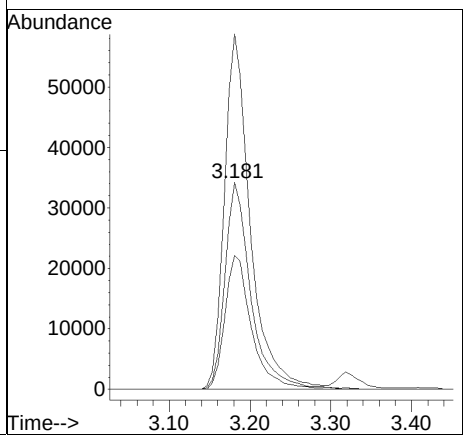


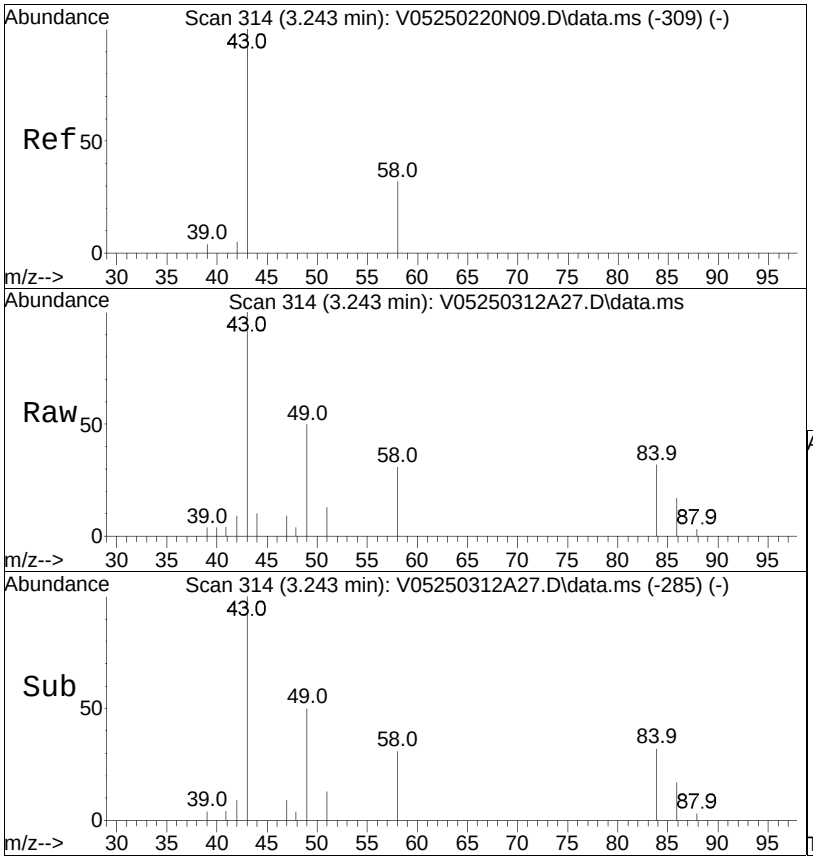


#15
Methylene chloride
Concen: 10.89 ug/L
RT: 3.181 min Scan# 305
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 84 Resp: 76955

Ion	Ratio	Lower	Upper
84	100		
86	66.0	41.3	85.7
49	170.3	115.6	240.2

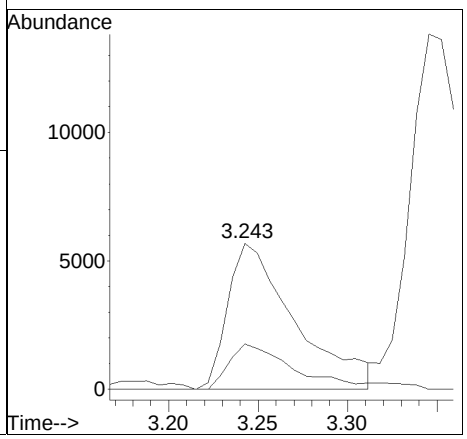


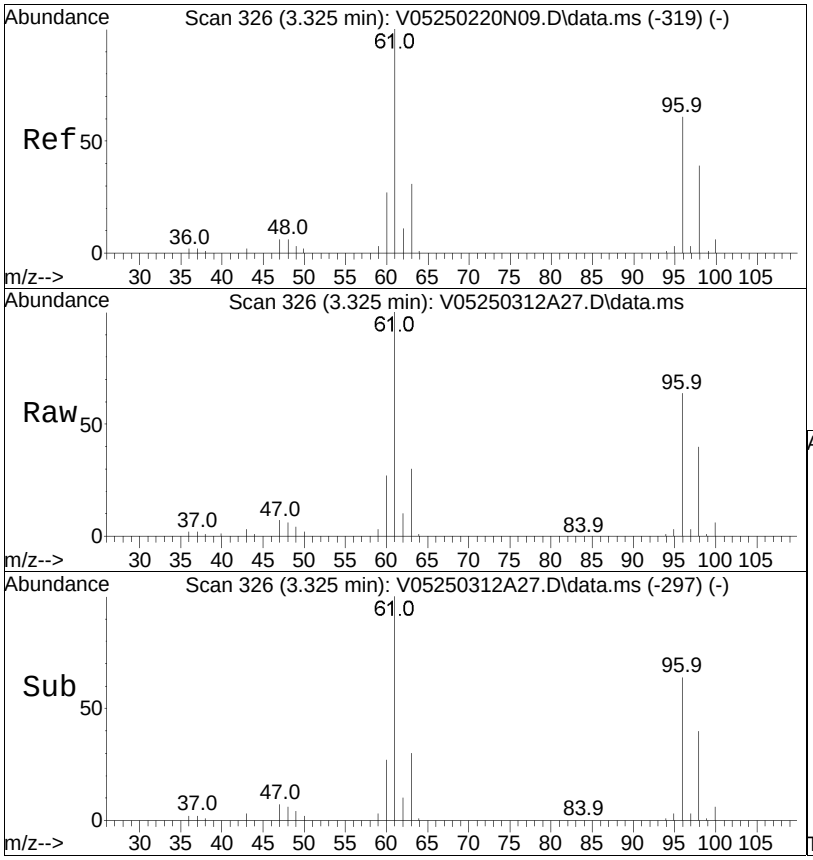


#17
Acetone
Concen: 10.34 ug/L
RT: 3.243 min Scan# 314
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 43 Resp: 14890

Ion	Ratio	Lower	Upper
43	100		
58	29.6	26.9	40.3

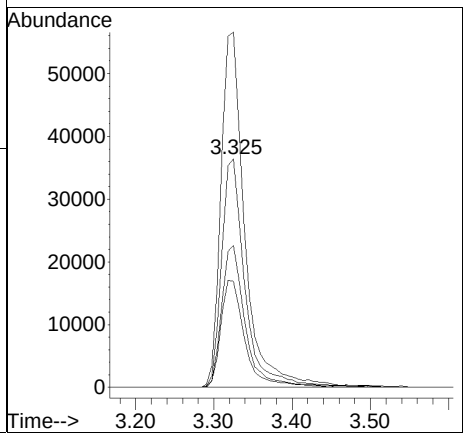


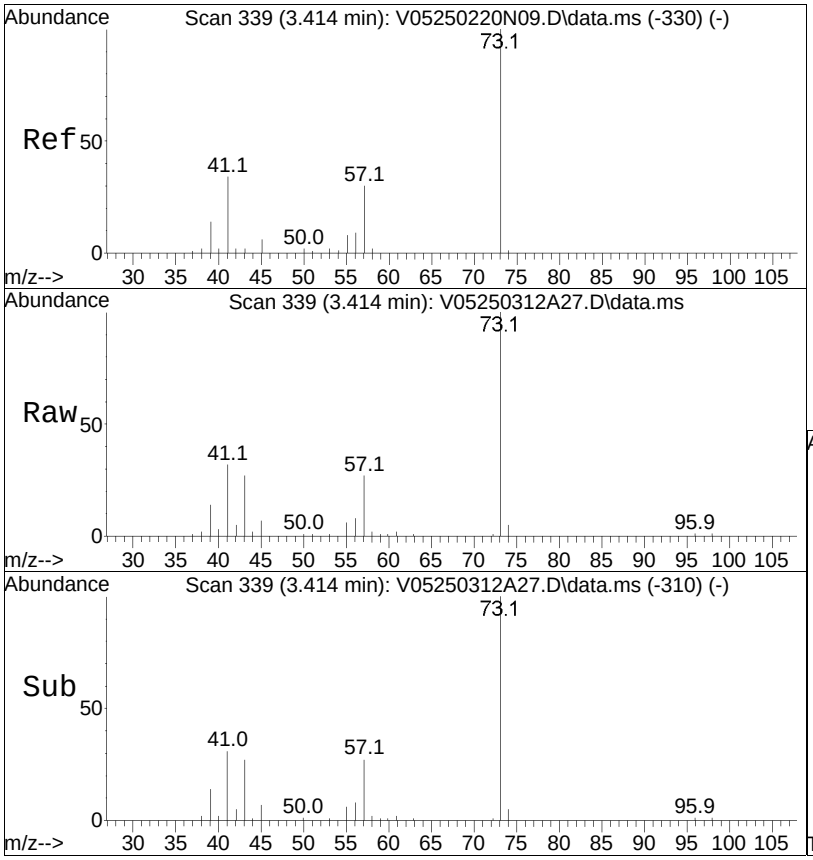


#18
trans-1,2-Dichloroethene
Concen: 11.39 ug/L
RT: 3.325 min Scan# 326
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 96 Resp: 76960

Ion	Ratio	Lower	Upper
96	100		
61	157.3	110.9	230.3
98	62.7	42.7	88.7
63	47.7	33.6	69.8

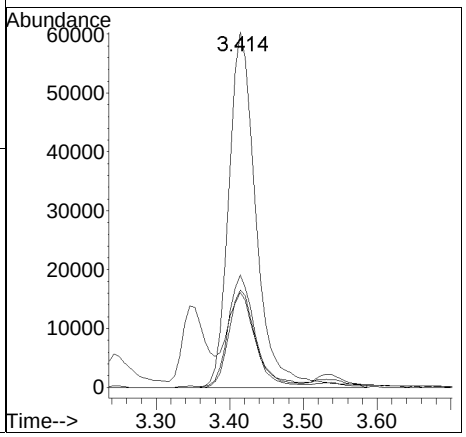


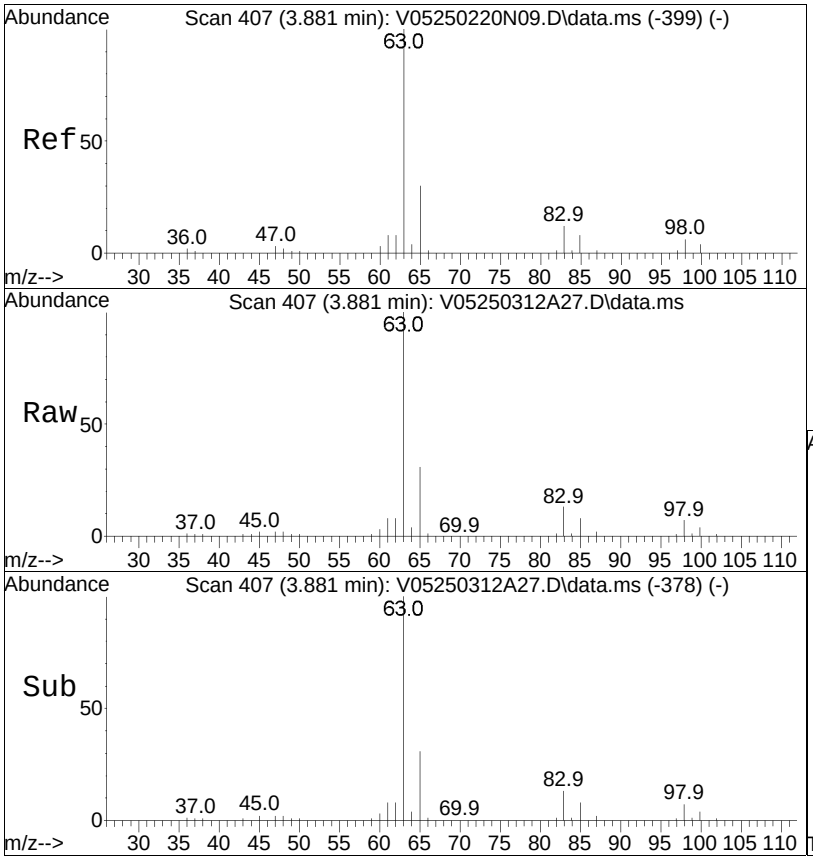


#20
Methyl tert-butyl ether
Concen: 11.39 ug/L
RT: 3.414 min Scan# 339
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 73 Resp: 156425

Ion	Ratio	Lower	Upper
73	100		
57	26.7	18.8	39.0
43	25.7	18.0	37.4
41	30.1	22.4	46.4

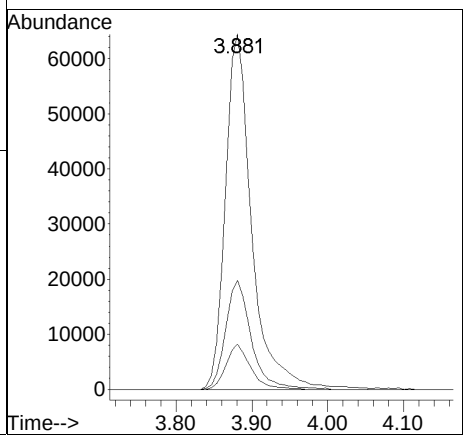


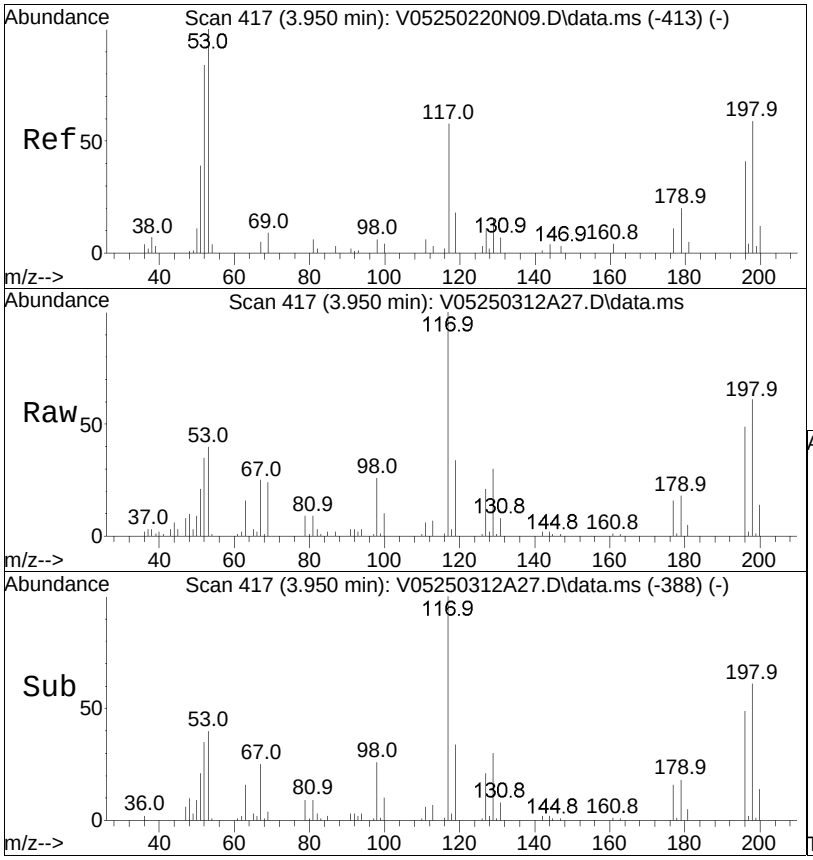


#23
1,1-Dichloroethane
Concen: 10.91 ug/L
RT: 3.881 min Scan# 407
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 63 Resp: 156308

Ion	Ratio	Lower	Upper
63	100		
65	29.7	9.5	49.5
83	11.8	0.0	31.7

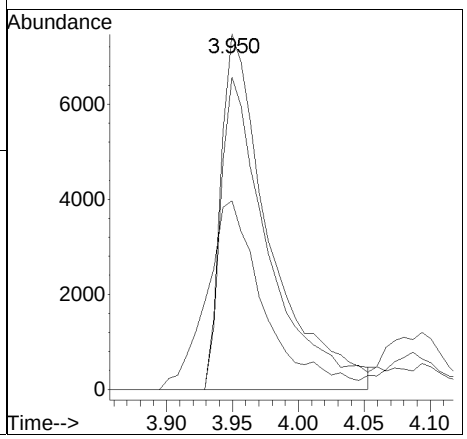


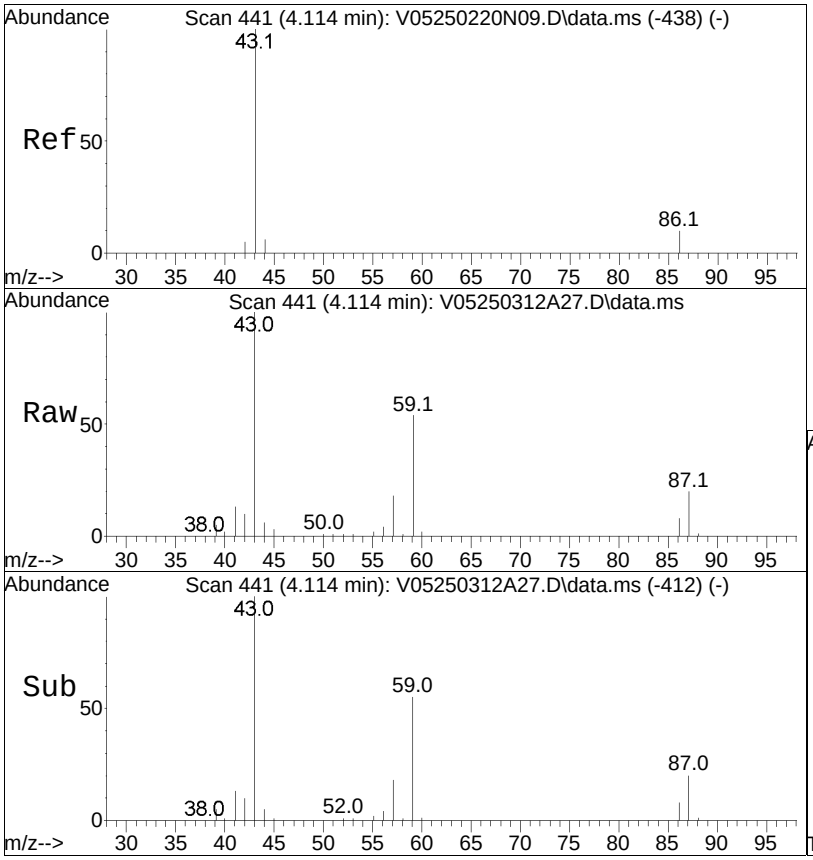


#25
Acrylonitrile
Concen: 9.76 ug/L
RT: 3.950 min Scan# 417
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 53 Resp: 19218

Ion	Ratio	Lower	Upper
53	100		
52	87.1	69.2	103.8
51	62.9	49.0	73.6

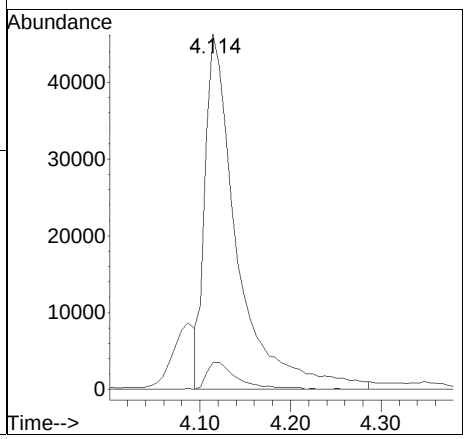


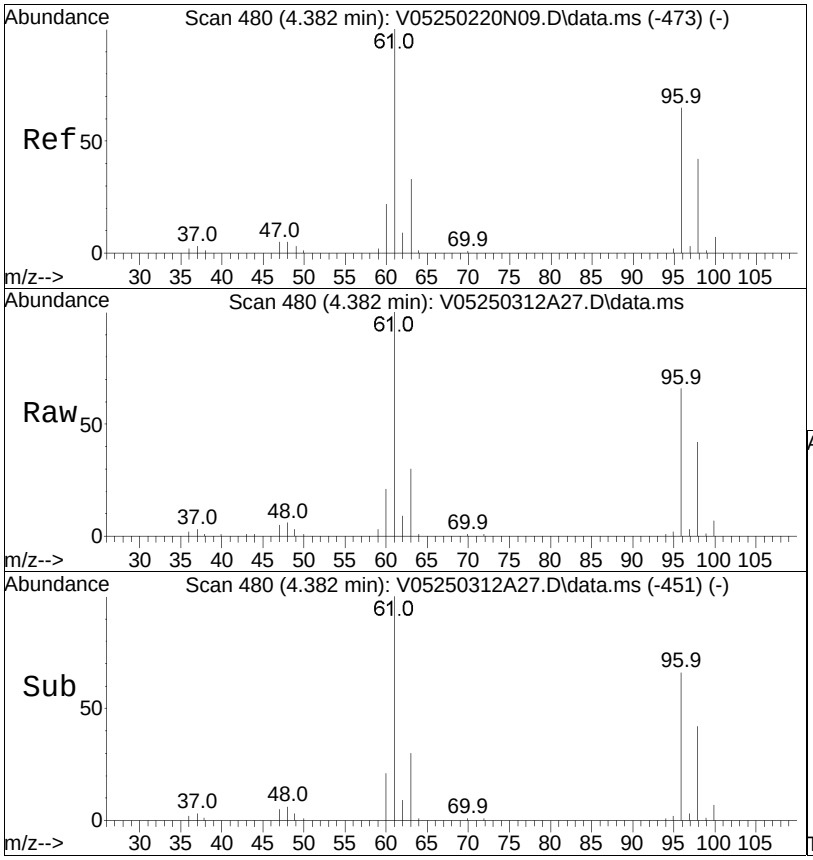


#27
Vinyl acetate
Concen: 8.97 ug/L M6
RT: 4.114 min Scan# 441
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 43 Resp: 114902

Ion	Ratio	Lower	Upper
43	100		
86	7.5	5.6	8.4

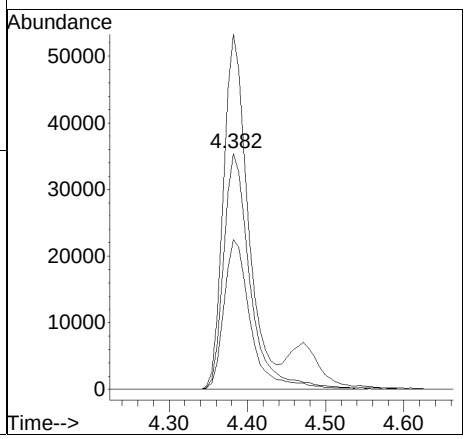


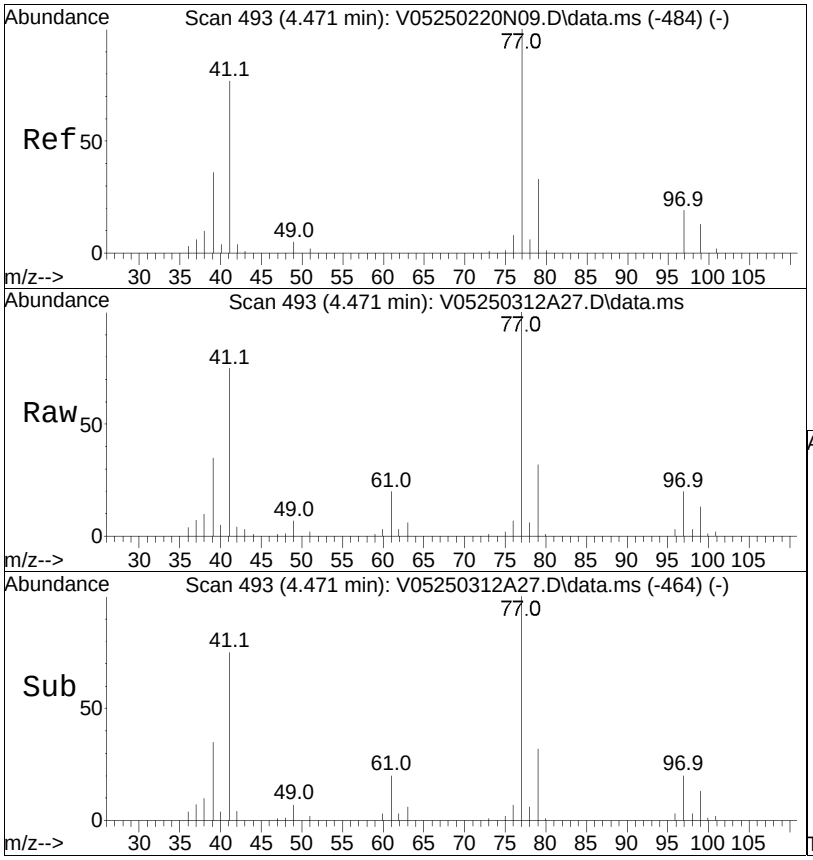


#28
cis-1,2-Dichloroethene
Concen: 11.49 ug/L
RT: 4.382 min Scan# 480
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 96 Resp: 84399

Ion	Ratio	Lower	Upper
96	100		
61	137.7	117.2	175.8
98	63.9	50.2	75.4

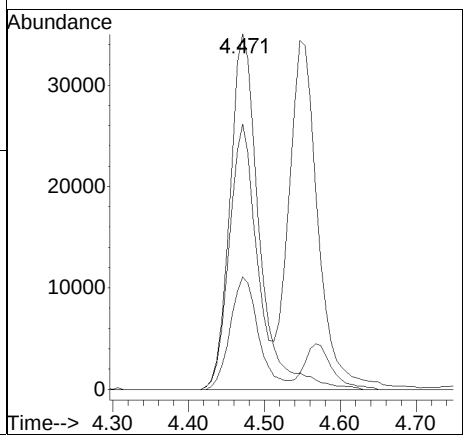


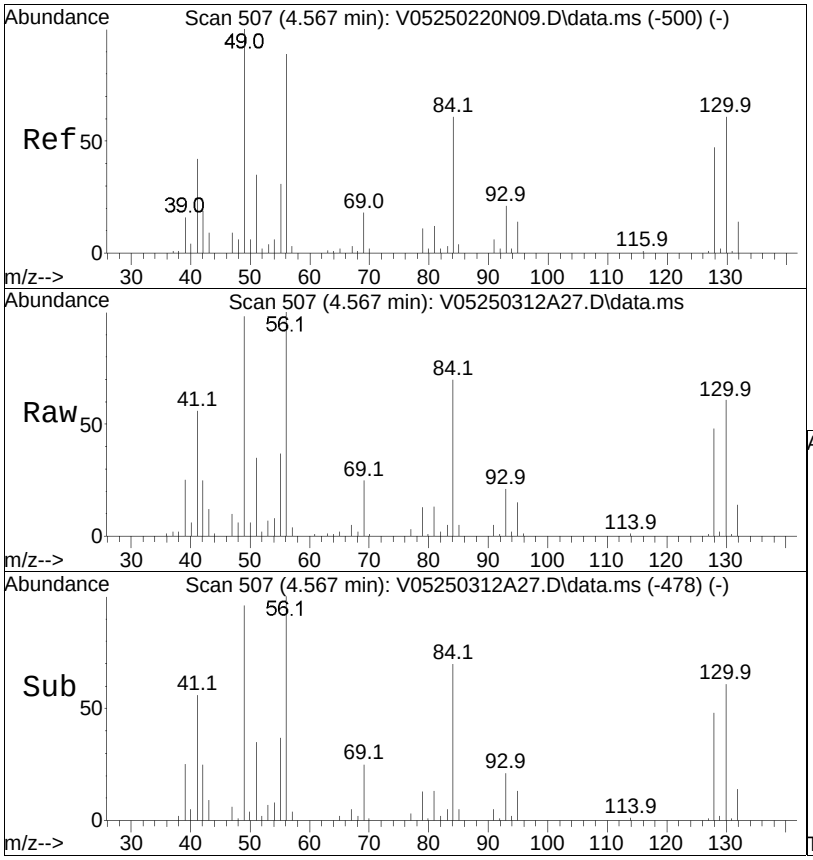


#29
2,2-Dichloropropane
Concen: 9.54 ug/L
RT: 4.471 min Scan# 493
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 77 Resp: 93324

Ion	Ratio	Lower	Upper
77	100		
41	70.0	47.8	99.4
79	31.0	20.0	41.6

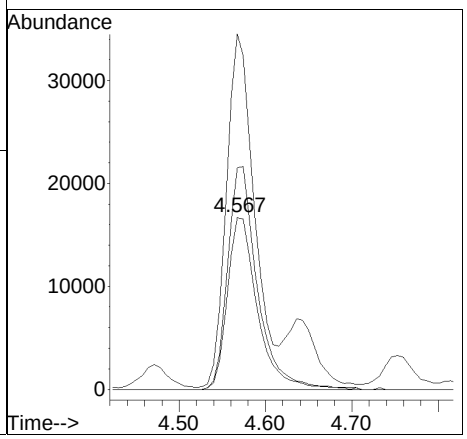


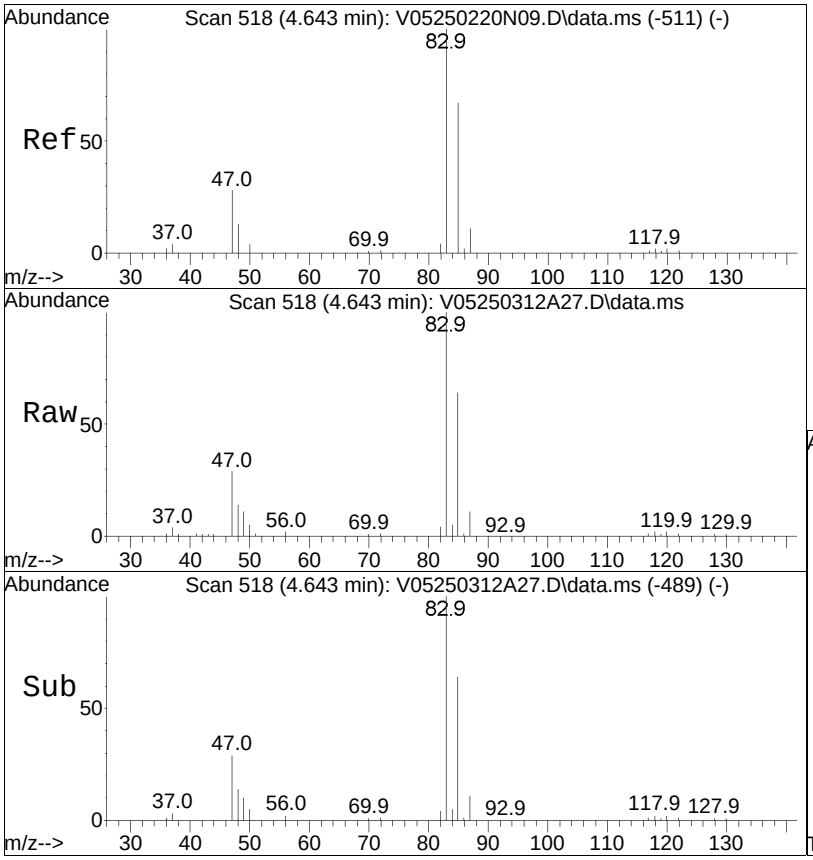


#30
Bromochloromethane
Concen: 11.27 ug/L
RT: 4.567 min Scan# 507
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:128 Resp: 40546

Ion	Ratio	Lower	Upper
128	100		
49	190.7	163.4	245.2
130	128.0	102.2	153.4

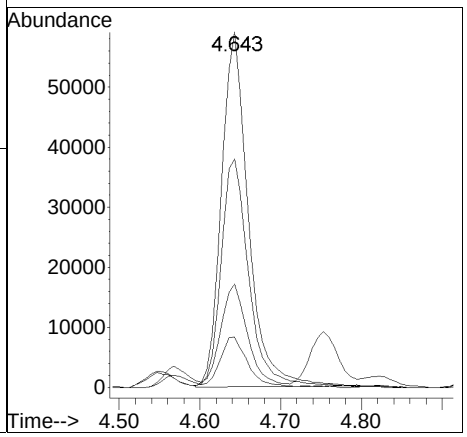


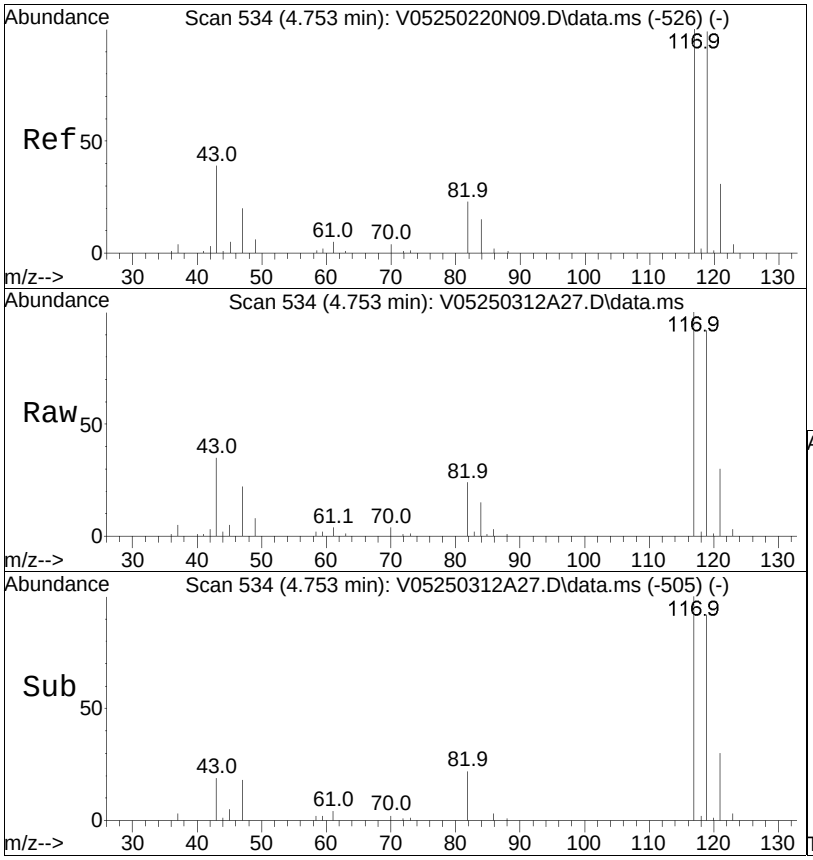


#32
Chloroform
Concen: 11.06 ug/L
RT: 4.643 min Scan# 518
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 83 Resp: 137427

Ion	Ratio	Lower	Upper
83	100		
85	66.8	43.0	89.2
47	26.7	17.6	36.6
48	14.0	9.6	19.8

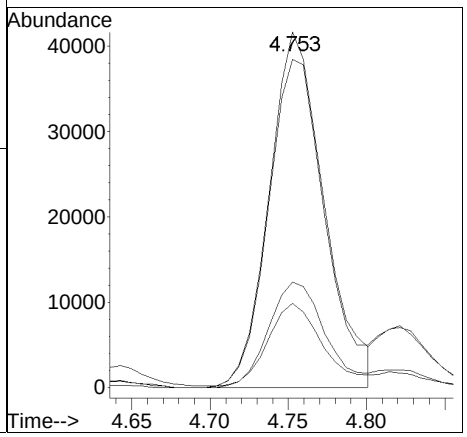


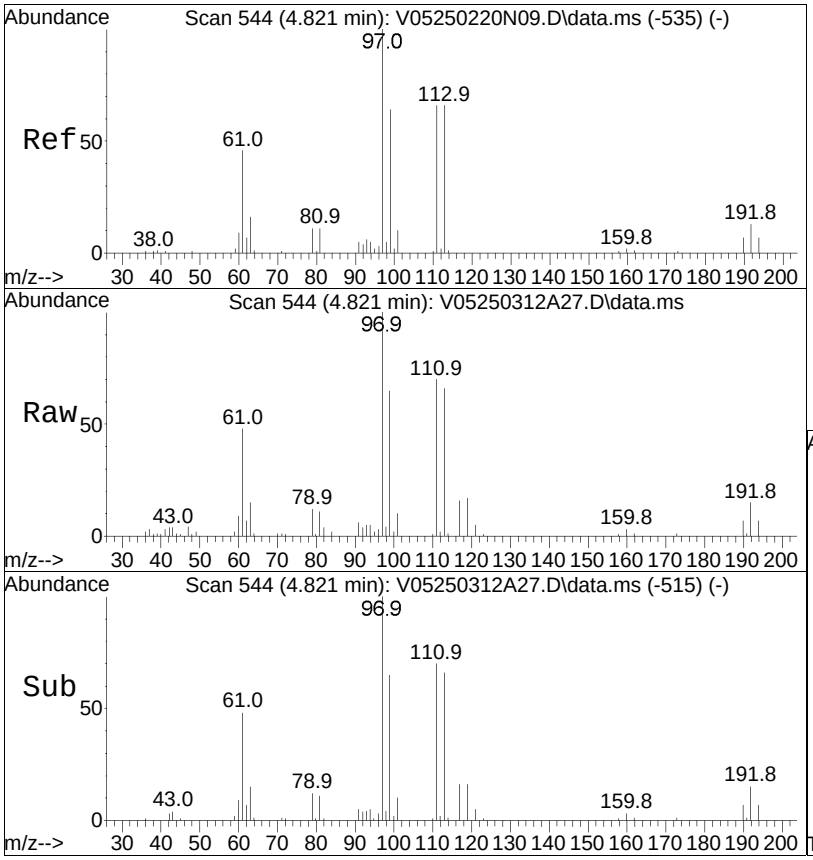


#34
Carbon tetrachloride
Concen: 9.83 ug/L
RT: 4.753 min Scan# 534
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:117 Resp: 101827

Ion	Ratio	Lower	Upper
117	100		
119	95.3	64.0	133.0
121	30.7	20.8	43.2
82	23.1	14.6	30.4

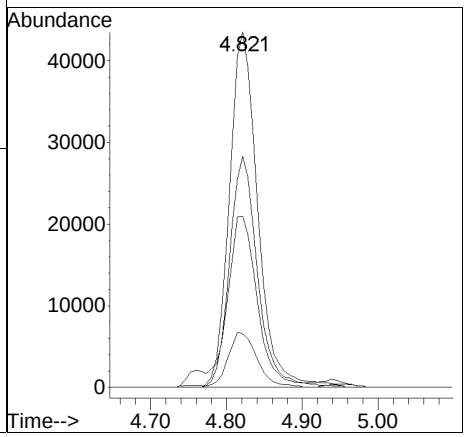


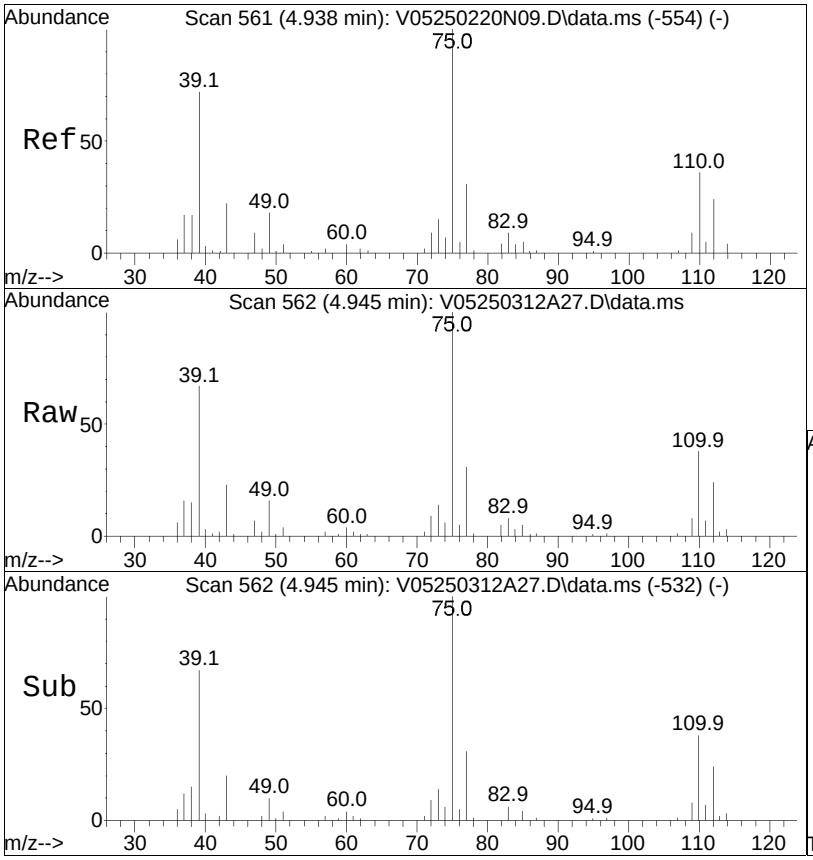


#37
1,1,1-Trichloroethane
Concen: 10.11 ug/L
RT: 4.821 min Scan# 544
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 97 Resp: 114146

Ion	Ratio	Lower	Upper
97	100		
99	63.9	41.6	86.4
61	50.0	33.5	69.5
63	15.6	10.1	20.9

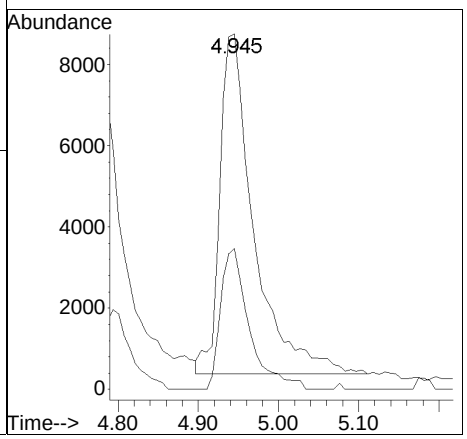


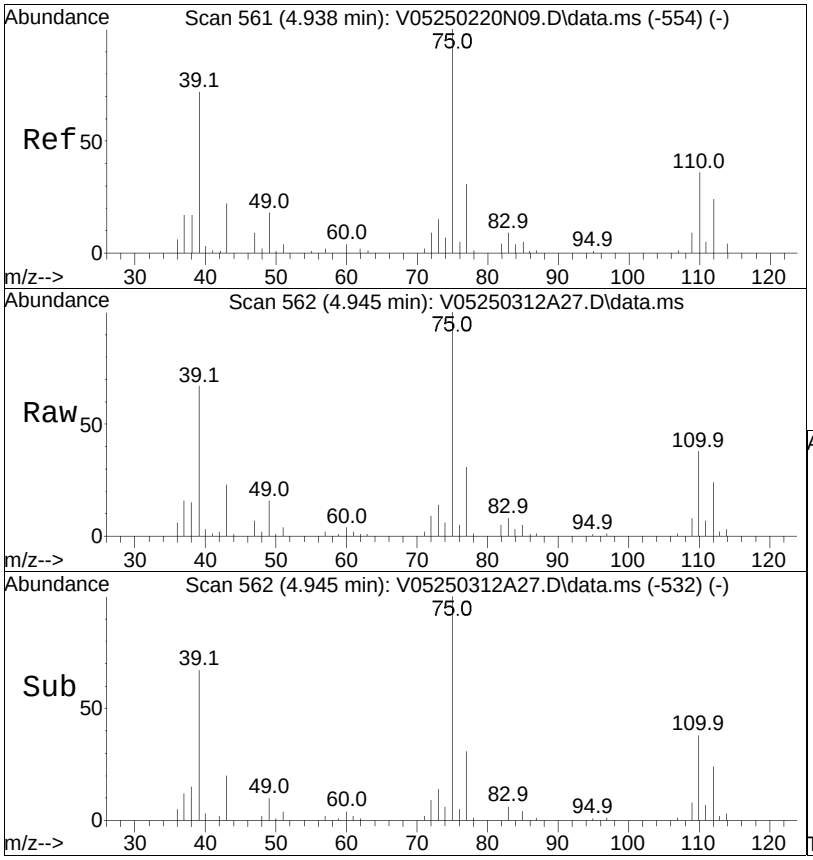


#39
2-Butanone
Concen: 10.52 ug/L
RT: 4.945 min Scan# 562
Delta R.T. 0.007 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 43 Resp: 26237

Ion	Ratio	Lower	Upper
43	100		
72	32.9	23.8	35.8

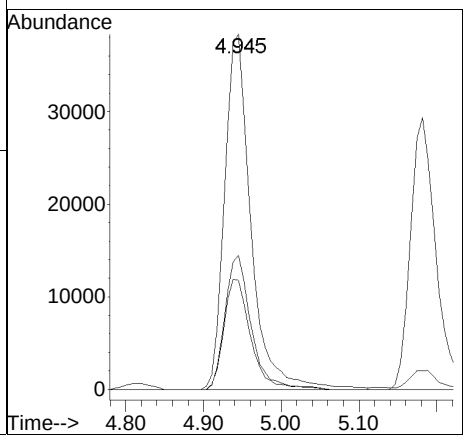


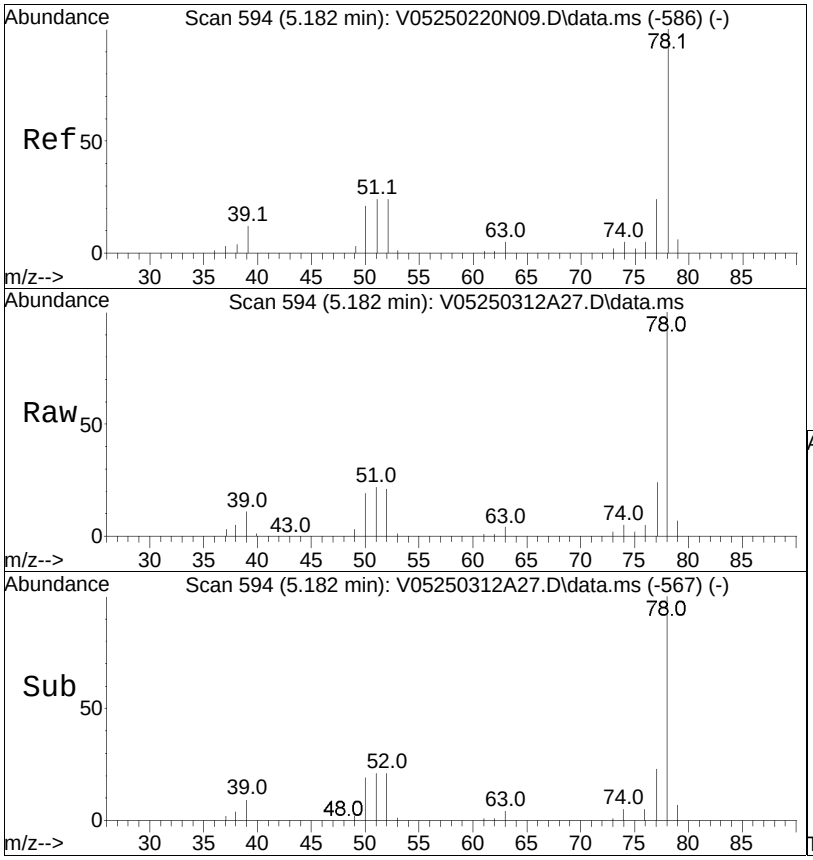


#40
1,1-Dichloropropene
Concen: 10.26 ug/L
RT: 4.945 min Scan# 562
Delta R.T. 0.007 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 75 Resp: 97017

Ion	Ratio	Lower	Upper
75	100		
110	37.9	24.6	51.0
77	32.0	20.5	42.7

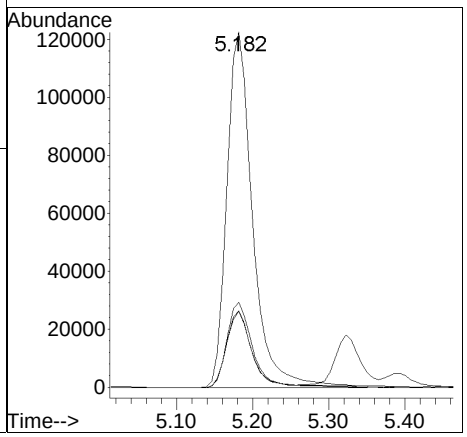


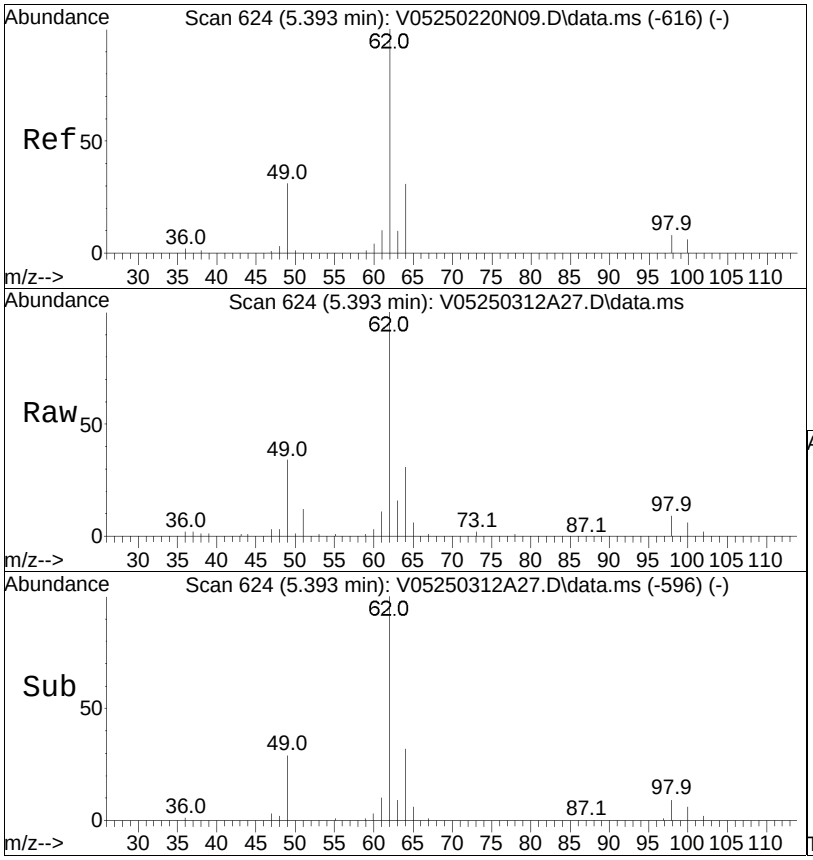


#41
Benzene
Concen: 11.36 ug/L
RT: 5.182 min Scan# 594
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 78 Resp: 289565

Ion	Ratio	Lower	Upper
78	100		
77	23.8	15.5	32.3
51	20.8	15.1	31.5
52	21.6	15.3	31.7

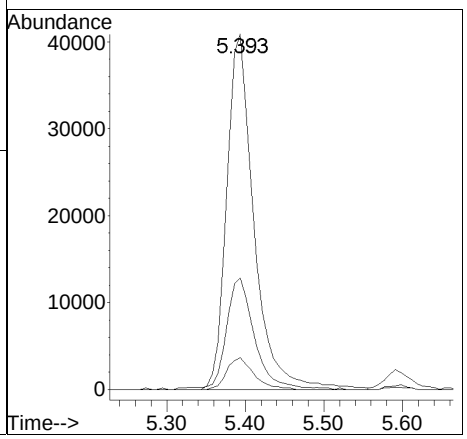


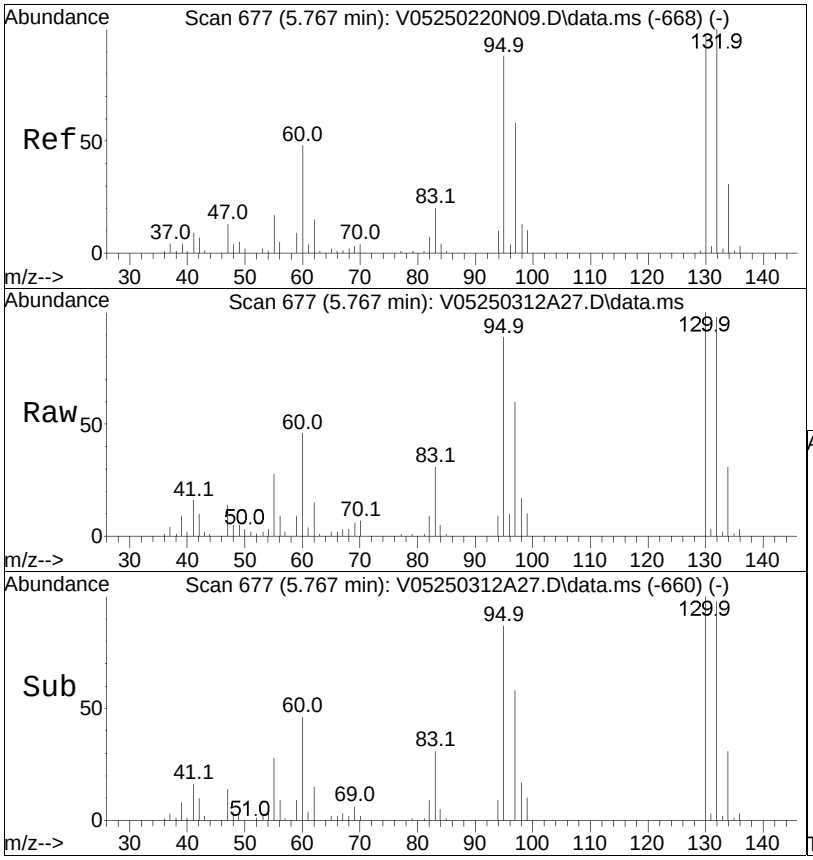


#44
1,2-Dichloroethane
Concen: 10.36 ug/L
RT: 5.393 min Scan# 624
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 62 Resp: 98841

Ion	Ratio	Lower	Upper
62	100		
64	32.6	11.3	51.3
98	8.8	0.0	27.9

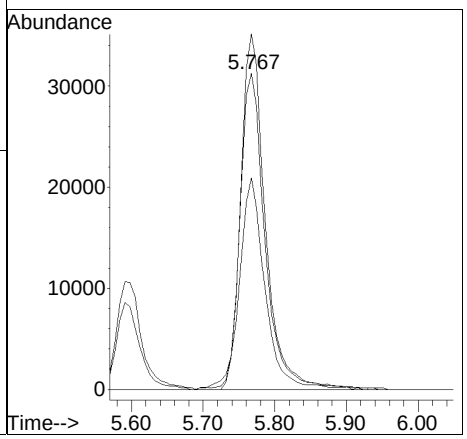


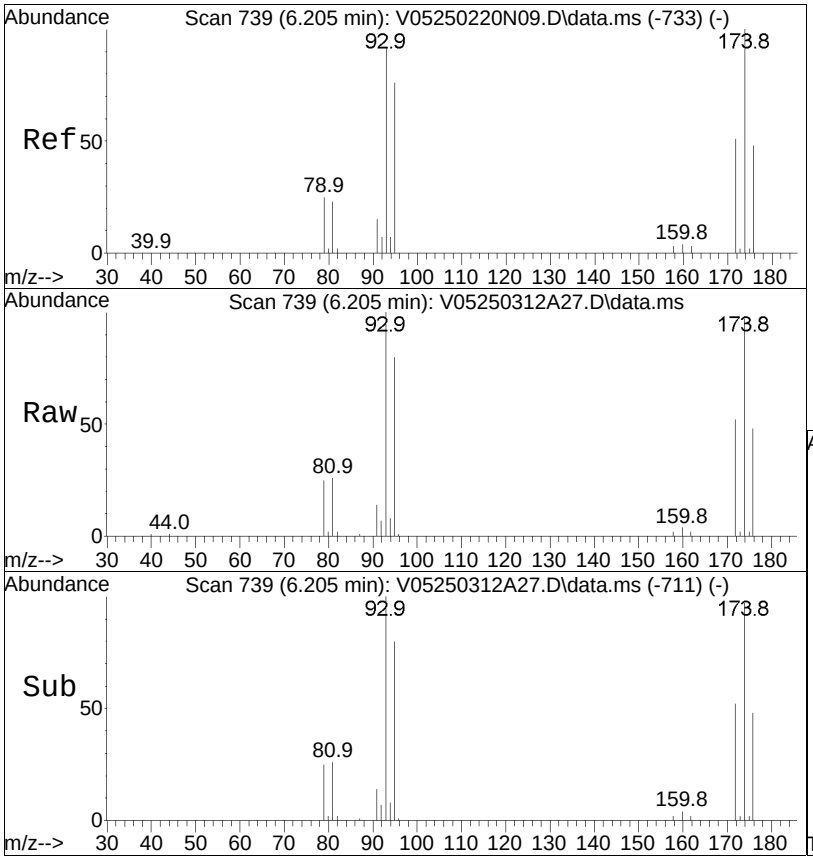


#48
Trichloroethene
Concen: 10.54 ug/L
RT: 5.767 min Scan# 677
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 95 Resp: 76698

Ion	Ratio	Lower	Upper
95	100		
97	67.8	55.8	83.8
130	109.7	90.5	135.7

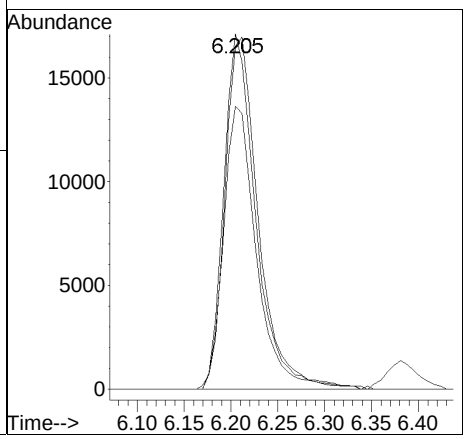


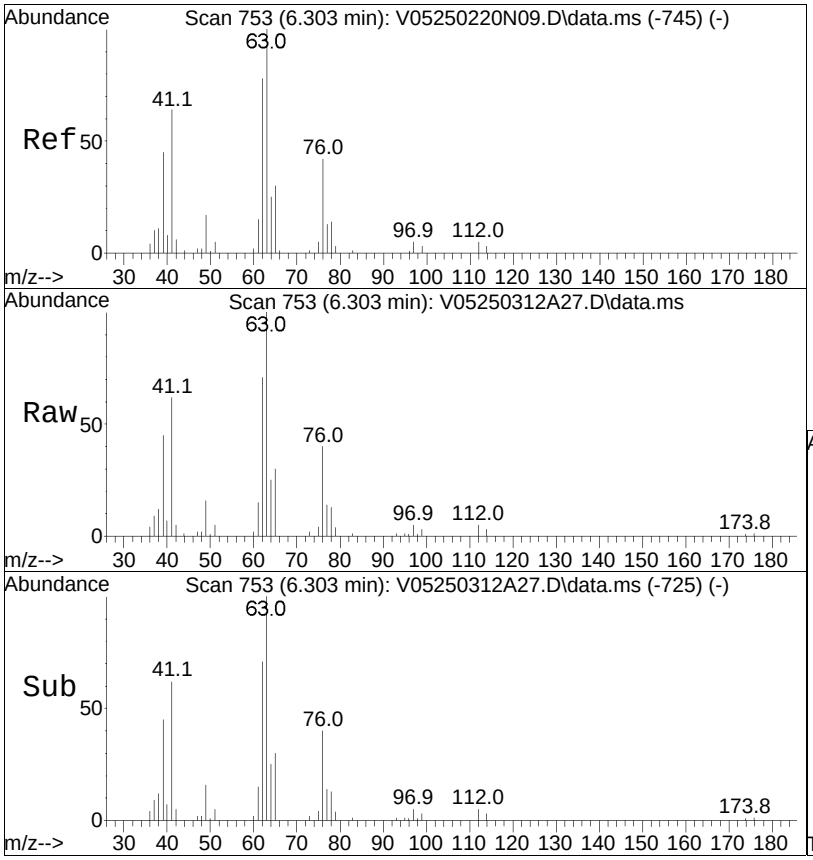


#50
Dibromomethane
Concen: 11.07 ug/L
RT: 6.205 min Scan# 739
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 93 Resp: 41003

Ion	Ratio	Lower	Upper
93	100		
95	82.2	65.6	98.4
174	103.4	88.2	132.2

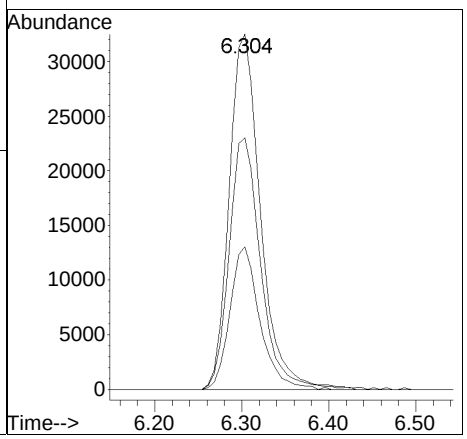


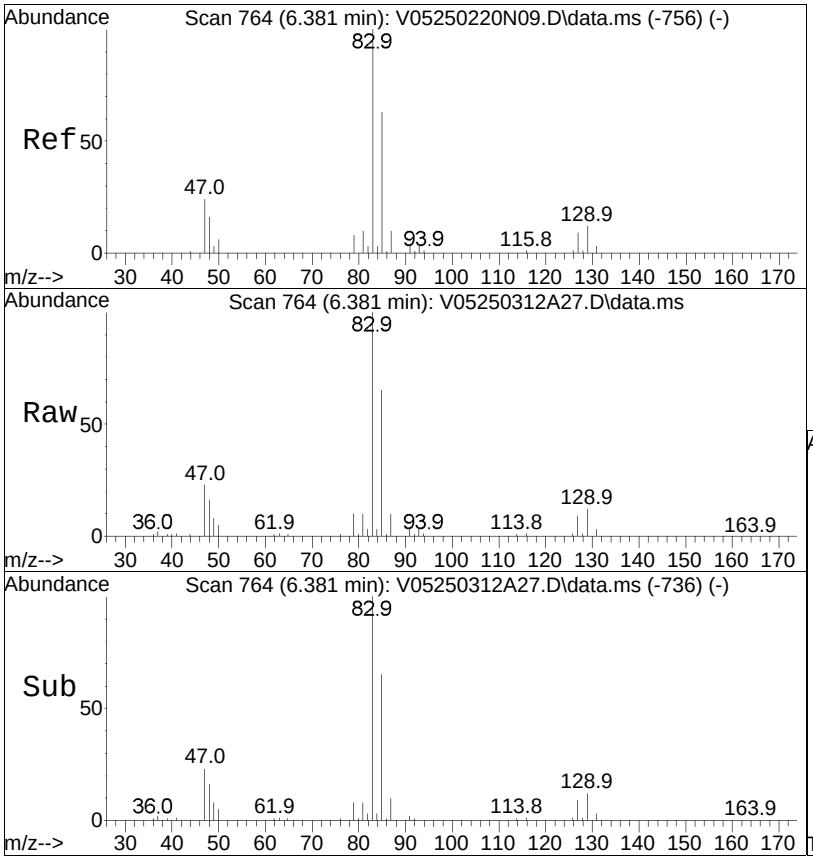


#51
1,2-Dichloropropane
Concen: 10.49 ug/L
RT: 6.303 min Scan# 753
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 63 Resp: 81555

Ion	Ratio	Lower	Upper
63	100		
62	71.2	59.3	88.9
76	38.4	31.2	46.8

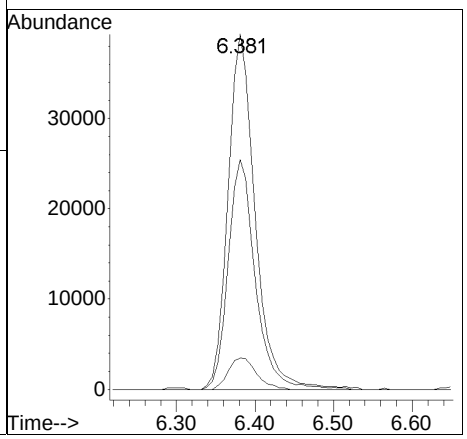


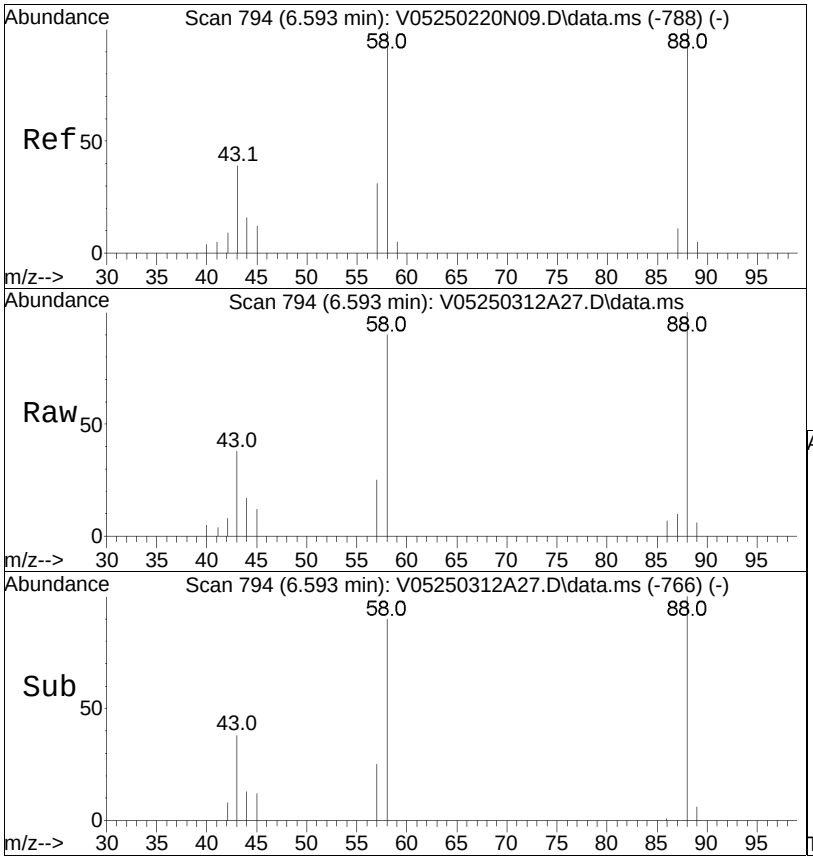


#54
Bromodichloromethane
Concen: 10.38 ug/L
RT: 6.381 min Scan# 764
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 83 Resp: 94670

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.2	76.8
127	9.2	7.4	11.0

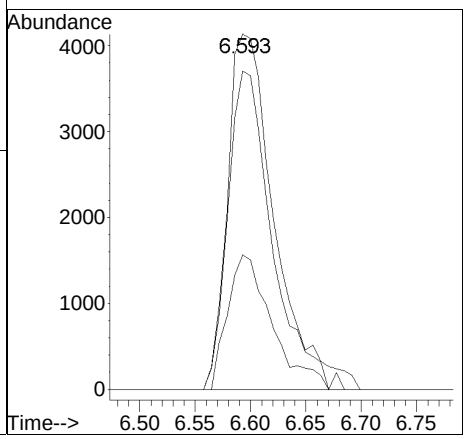


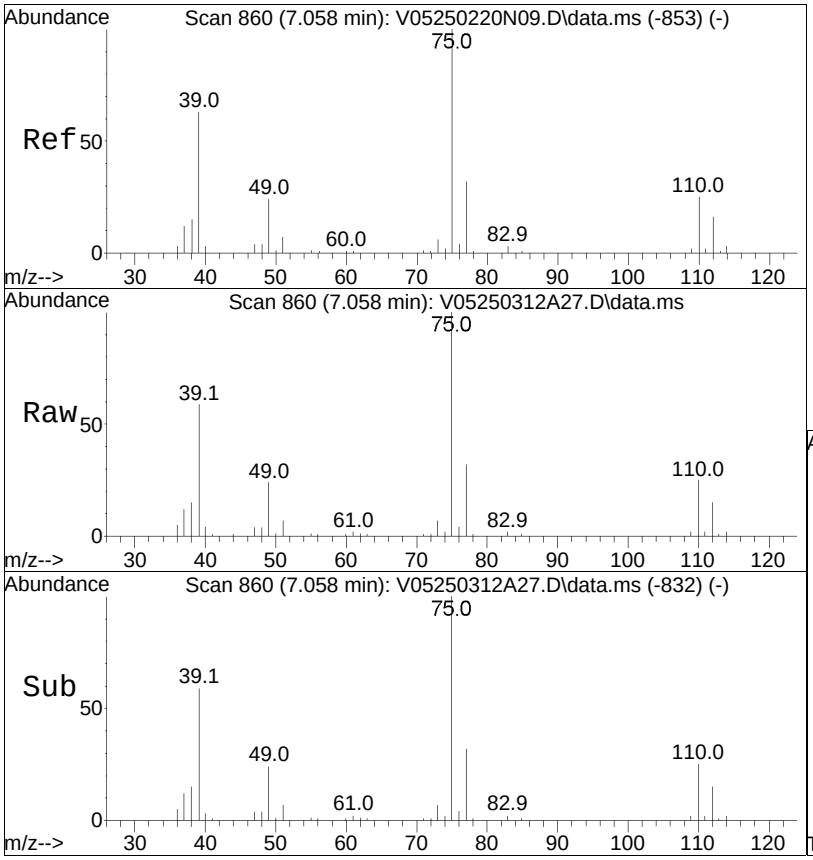


#57
1,4-Dioxane
Concen: 379.84 ug/L
RT: 6.593 min Scan# 794
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 88 Resp: 12279

Ion	Ratio	Lower	Upper
88	100		
58	83.6	77.2	115.8
43	35.6	30.3	45.5

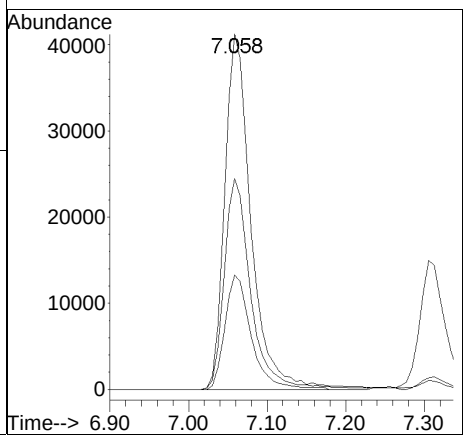


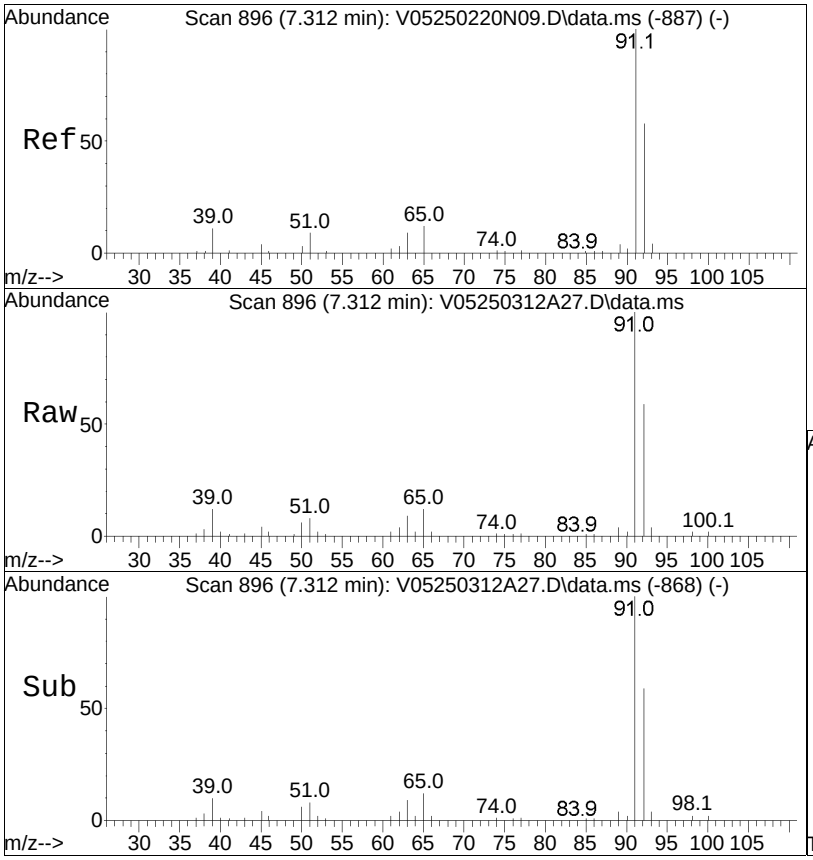


#58
cis-1,3-Dichloropropene
Concen: 9.39 ug/L
RT: 7.058 min Scan# 860
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 75 Resp: 96294

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.7	38.5
39	59.6	50.7	76.1

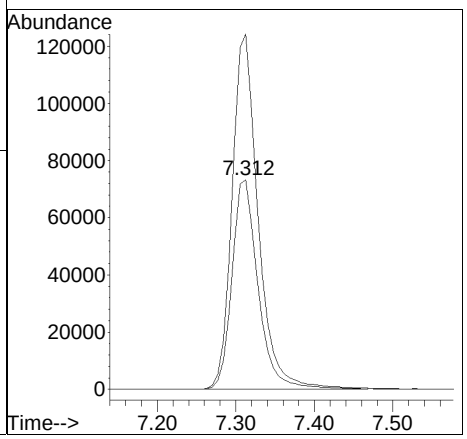


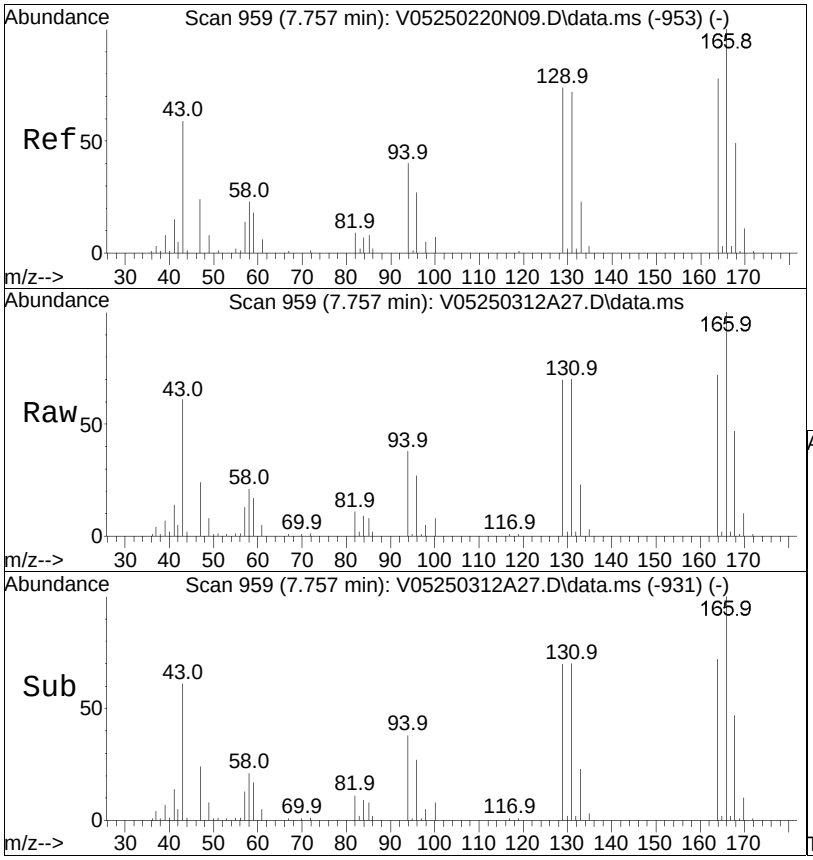


#61
Toluene
Concen: 10.36 ug/L
RT: 7.312 min Scan# 896
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 92 Resp: 169957

Ion	Ratio	Lower	Upper
92	100		
91	168.7	136.2	204.4

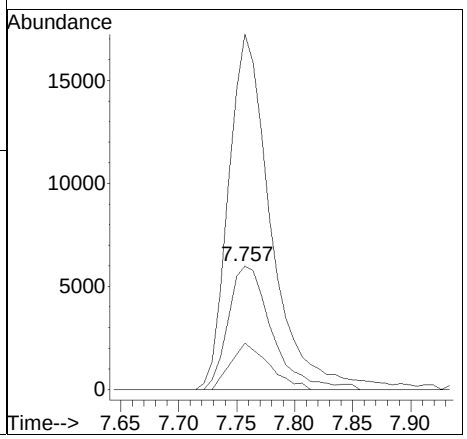


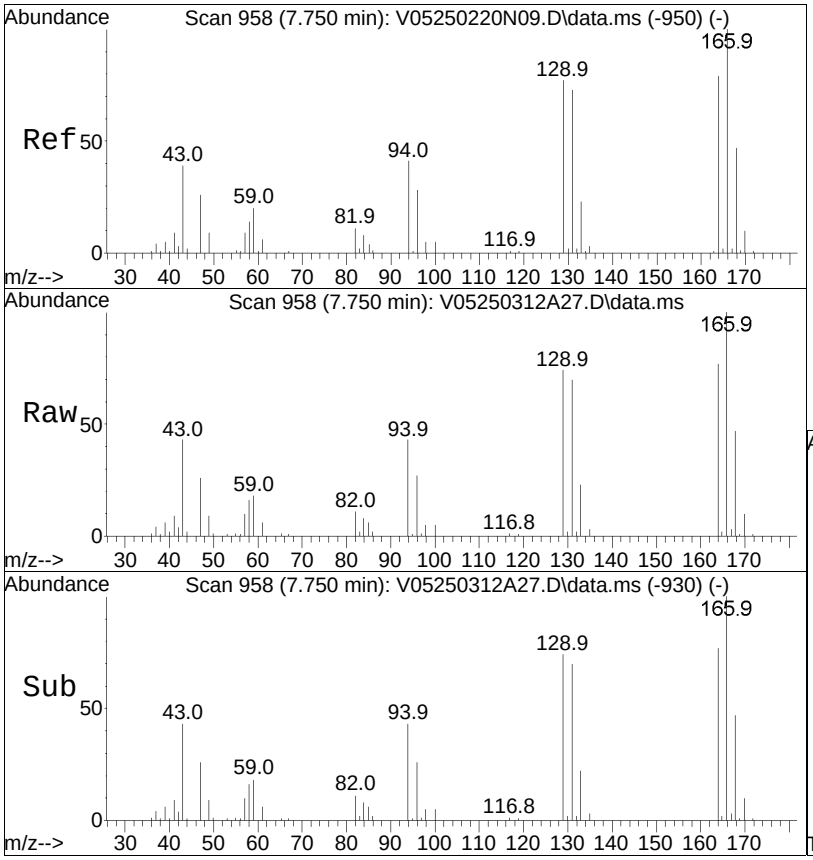


#62
4-Methyl-2-pentanone
Concen: 9.37 ug/L
RT: 7.757 min Scan# 959
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 58 Resp: 15683

Ion	Ratio	Lower	Upper
58	100		
100	33.1	24.5	36.7
43	284.6	217.7	326.5

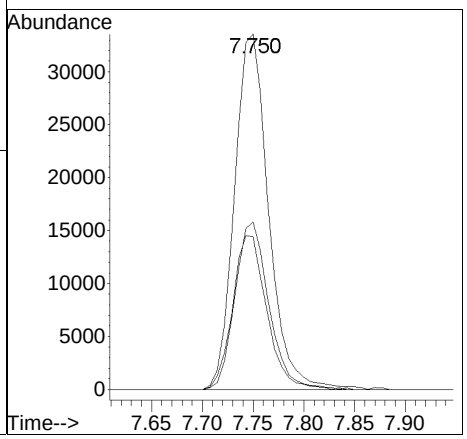


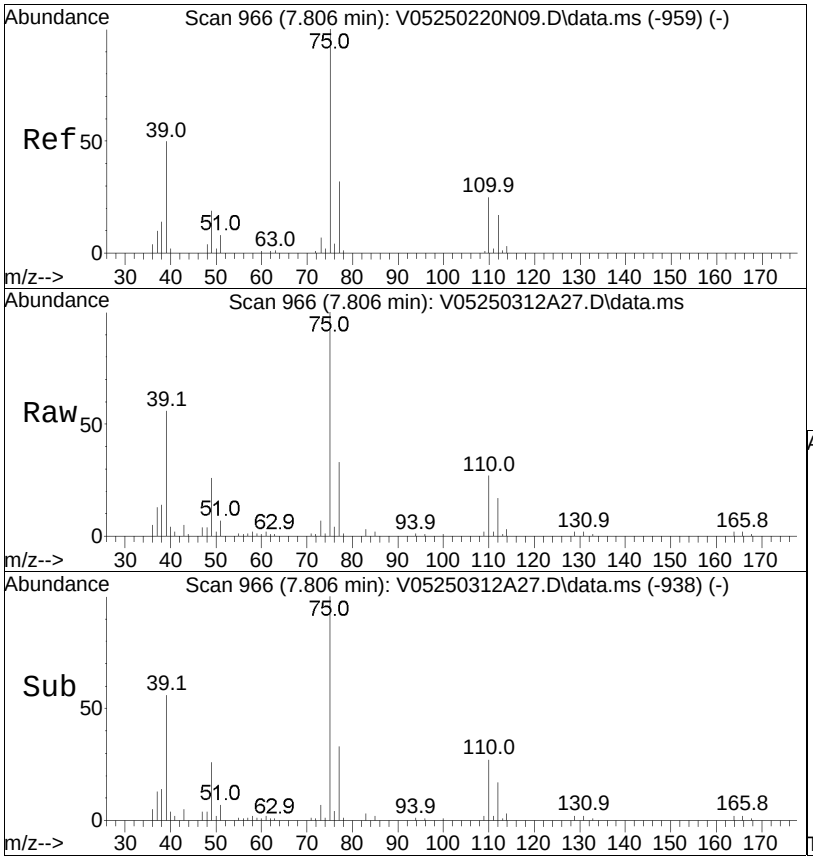


#63
Tetrachloroethene
Concen: 9.97 ug/L
RT: 7.750 min Scan# 958
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:166 Resp: 78456

Ion	Ratio	Lower	Upper
166	100		
168	46.8	26.3	66.3
94	43.3	23.0	63.0

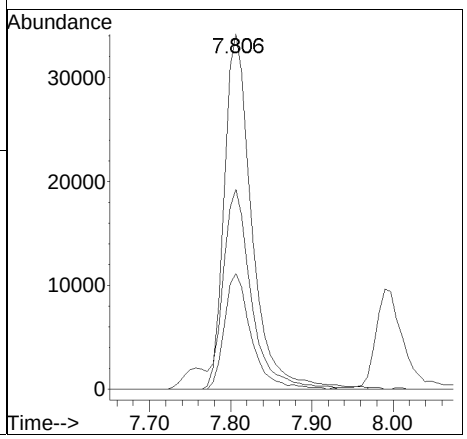


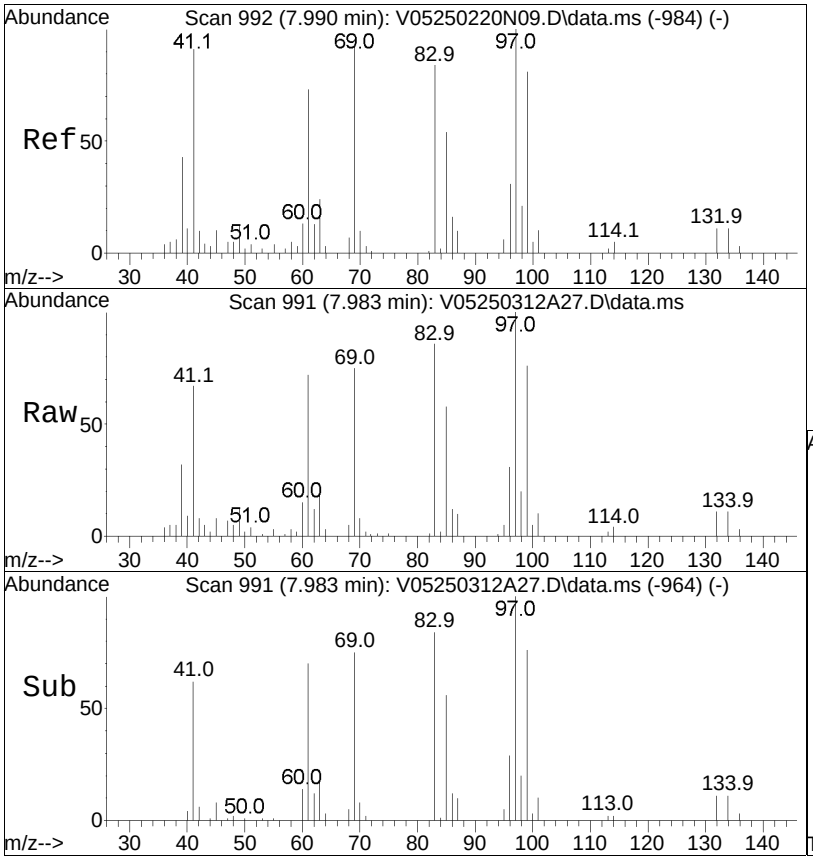


#65
trans-1,3-Dichloropropene
Concen: 9.87 ug/L
RT: 7.806 min Scan# 966
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 75 Resp: 81170

Ion	Ratio	Lower	Upper
75	100		
77	31.8	11.5	51.5
39	55.8	40.7	80.7

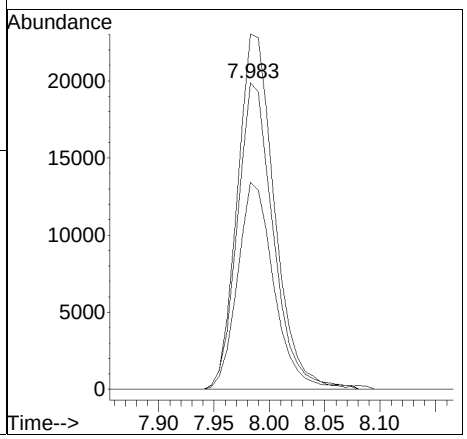


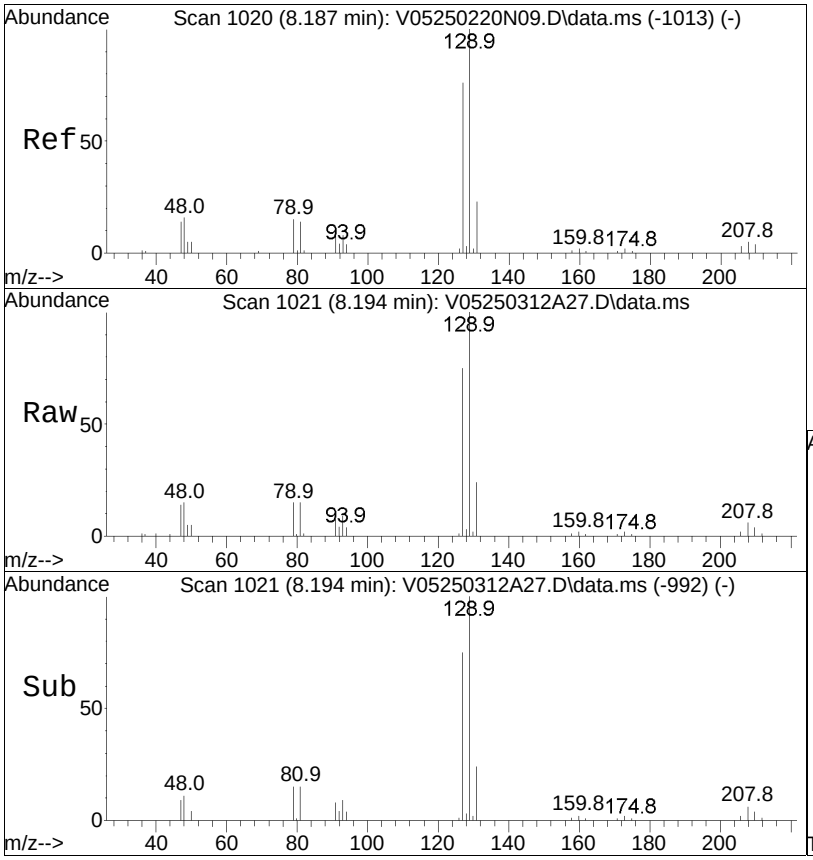


#68
1,1,2-Trichloroethane
Concen: 11.12 ug/L
RT: 7.983 min Scan# 991
Delta R.T. -0.007 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 83 Resp: 44894

Ion	Ratio	Lower	Upper
83	100		
97	120.4	100.2	140.2
85	68.5	45.5	85.5

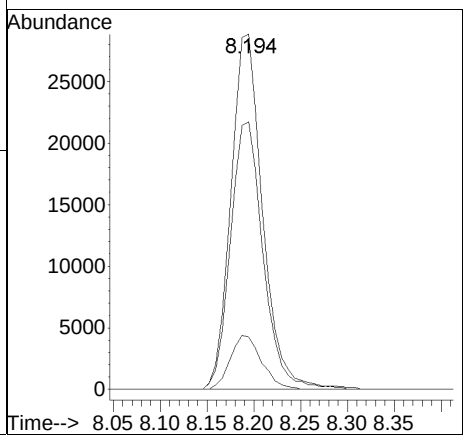


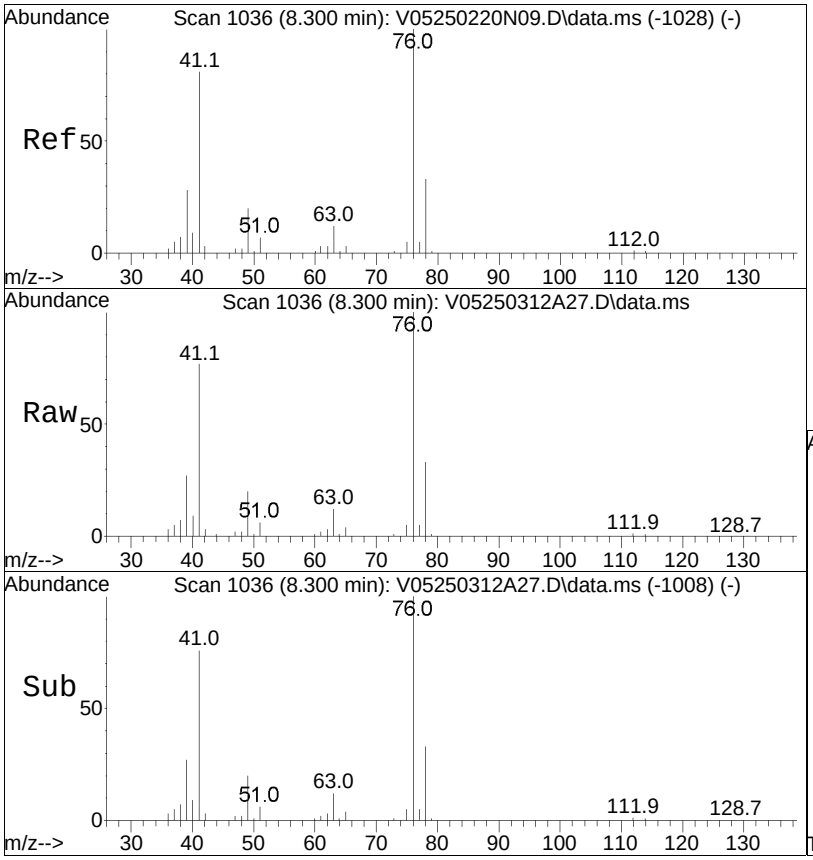


#69
Chlorodibromomethane
Concen: 10.37 ug/L
RT: 8.194 min Scan# 1021
Delta R.T. 0.007 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:129 Resp: 67988

Ion	Ratio	Lower	Upper
129	100		
81	15.0	0.0	34.3
127	77.4	56.7	96.7

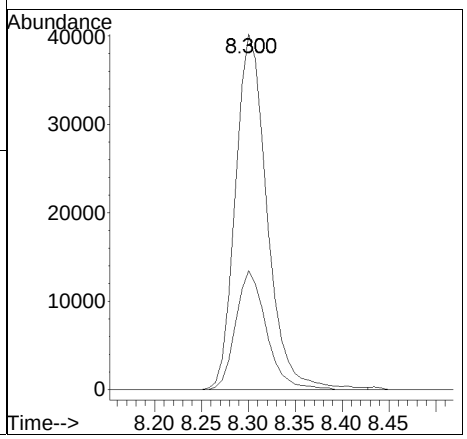


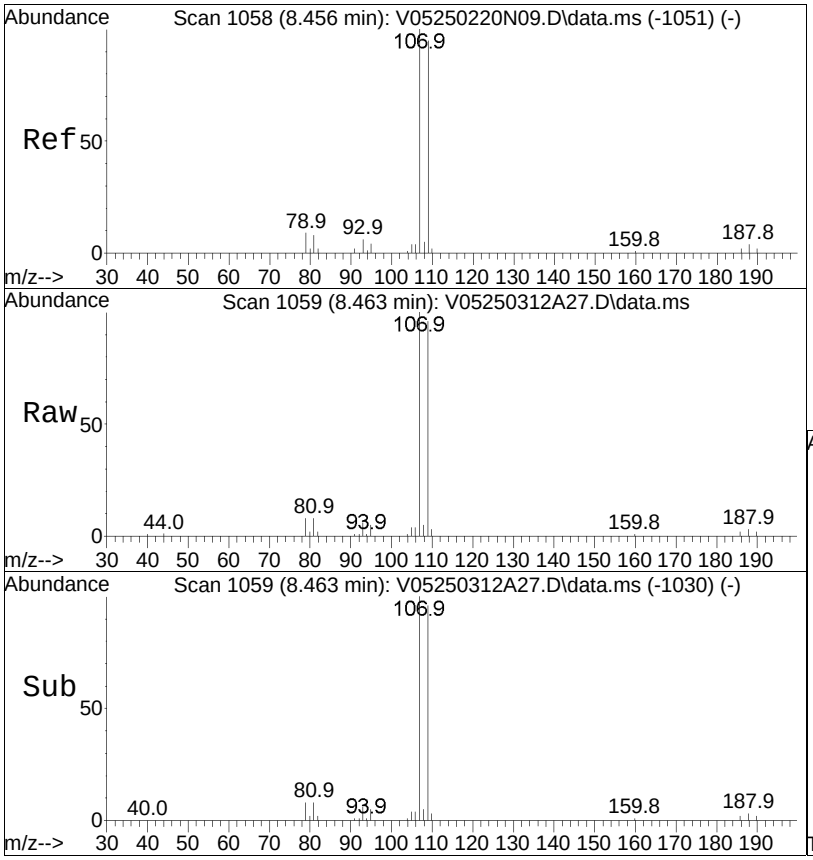


#70
1,3-Dichloropropane
Concen: 11.12 ug/L
RT: 8.300 min Scan# 1036
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 76 Resp: 94347

Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.4	38.2

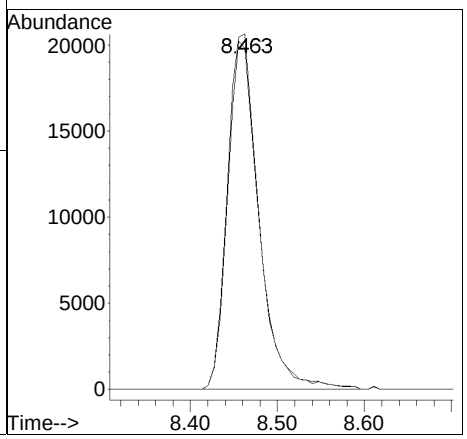


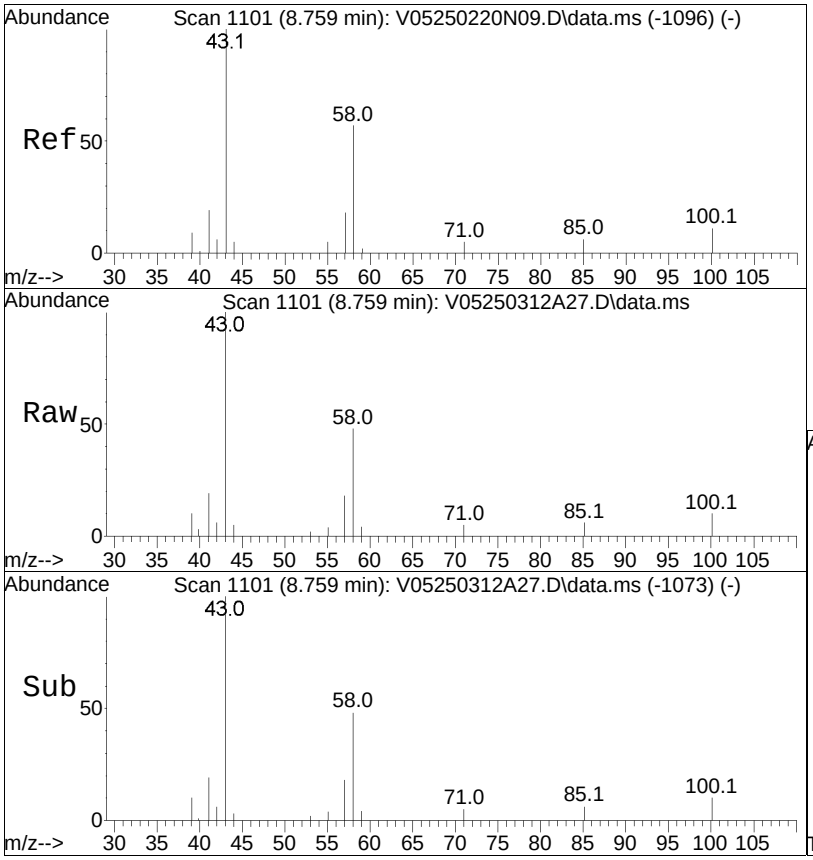


#71
1,2-Dibromoethane
Concen: 10.81 ug/L
RT: 8.463 min Scan# 1059
Delta R.T. 0.007 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:107 Resp: 52365

Ion	Ratio	Lower	Upper
107	100		
109	96.6	77.0	115.4

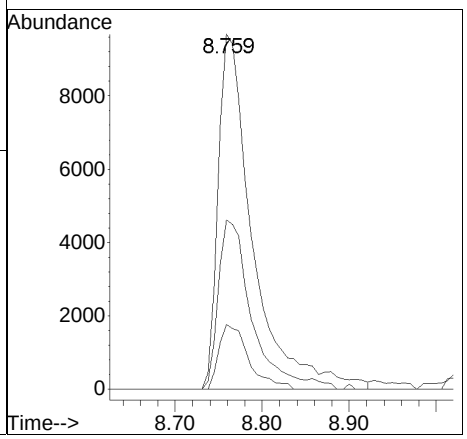


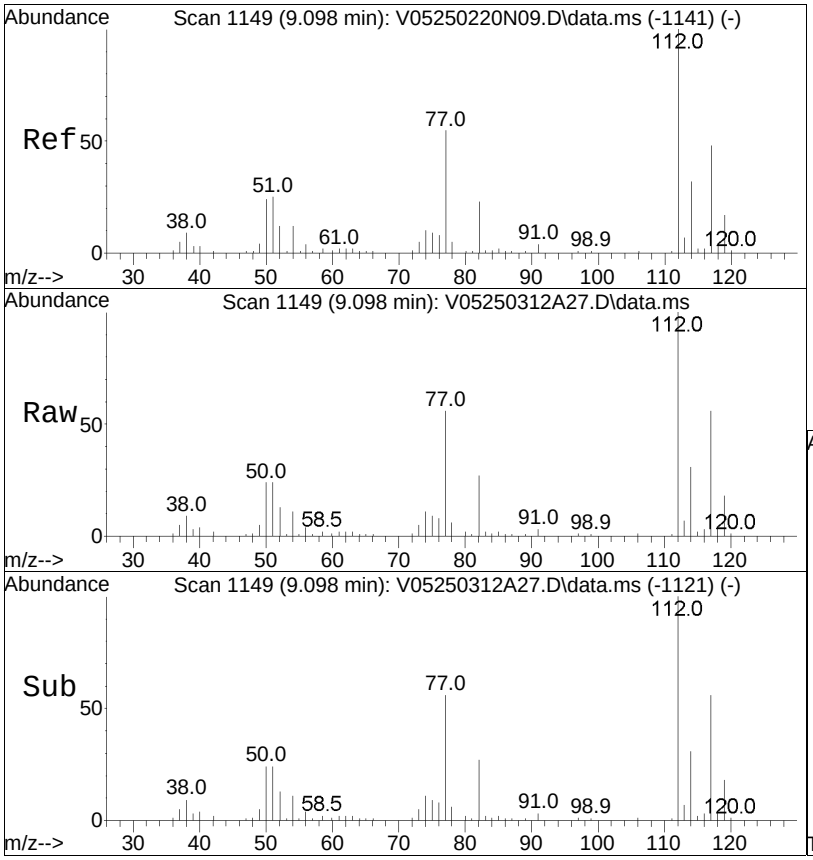


#72
2-Hexanone
Concen: 9.84 ug/L
RT: 8.759 min Scan# 1101
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 43 Resp: 26856

Ion	Ratio	Lower	Upper
43	100		
58	46.4	39.7	59.5
57	15.8	12.2	18.4

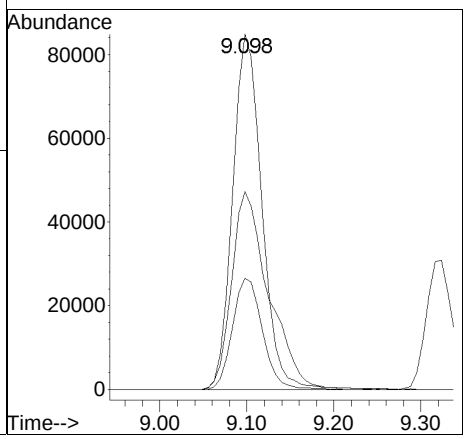


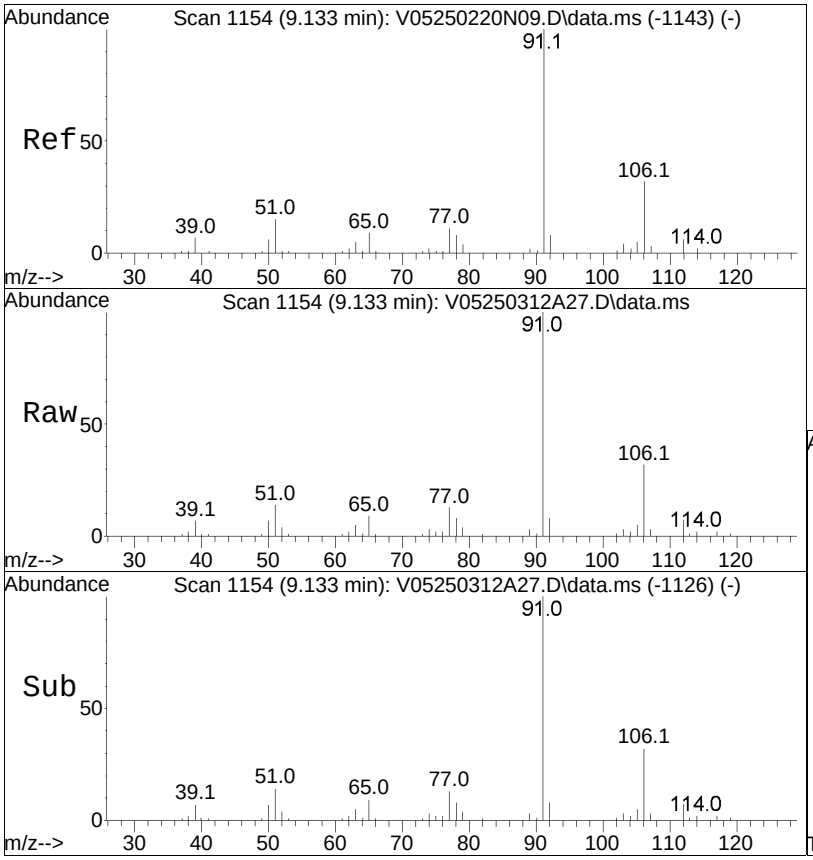


#73
Chlorobenzene
Concen: 10.09 ug/L
RT: 9.098 min Scan# 1149
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:112 Resp: 197502

Ion	Ratio	Lower	Upper
112	100		
77	70.9	54.2	81.2
114	32.1	25.3	37.9

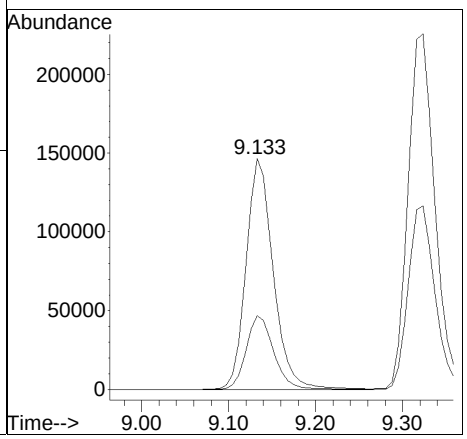


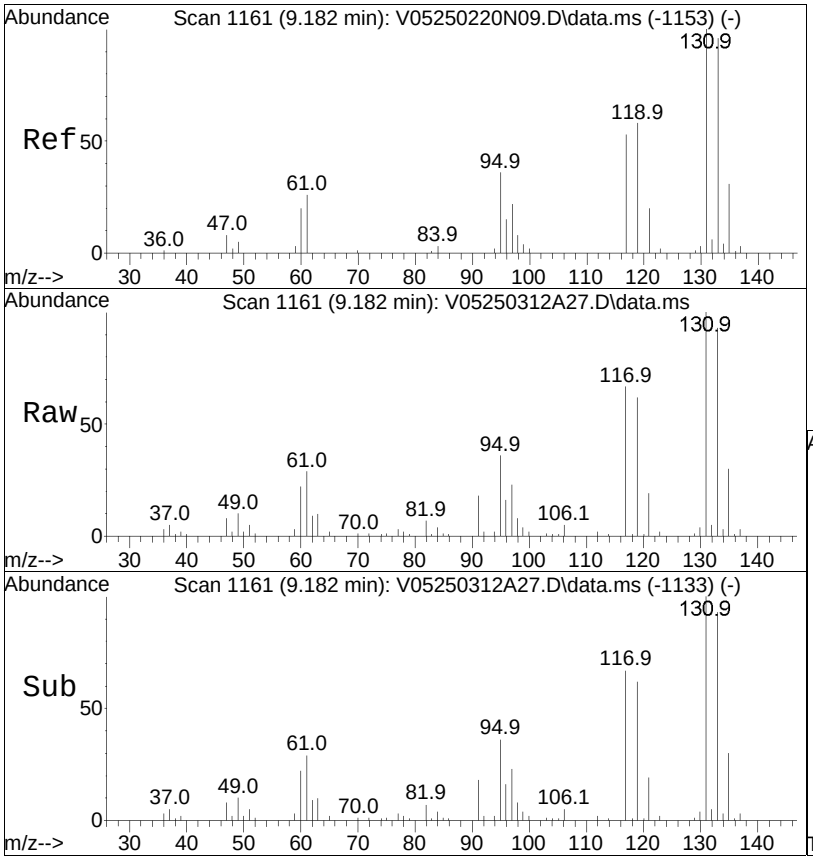


#74
Ethylbenzene
Concen: 10.11 ug/L
RT: 9.133 min Scan# 1154
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 91 Resp: 318949

Ion	Ratio	Lower	Upper
91	100		
106	32.2	26.0	39.0

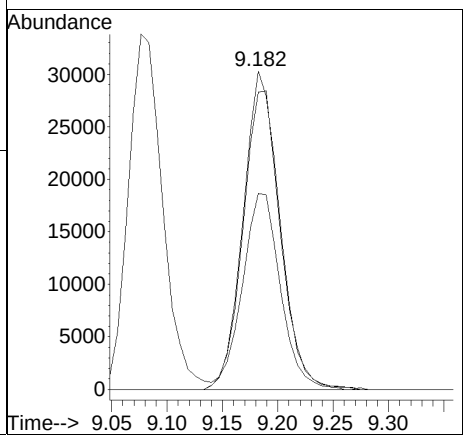


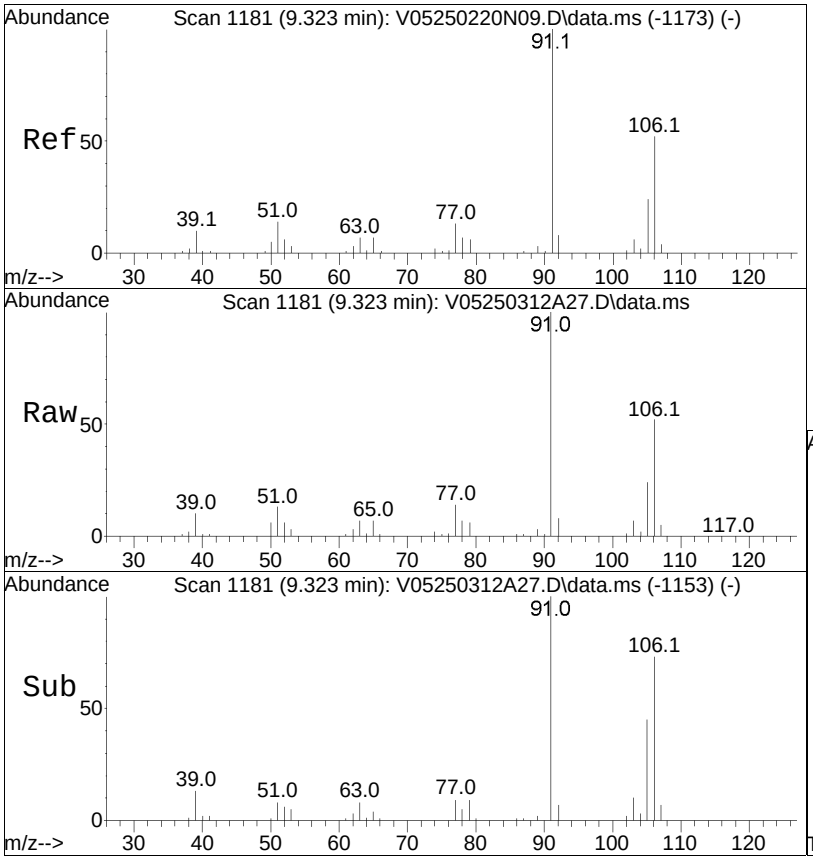


#75
1,1,1,2-Tetrachloroethane
Concen: 9.85 ug/L
RT: 9.182 min Scan# 1161
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:131 Resp: 69773

Ion	Ratio	Lower	Upper
131	100		
133	96.3	75.1	115.1
119	63.6	43.2	83.2

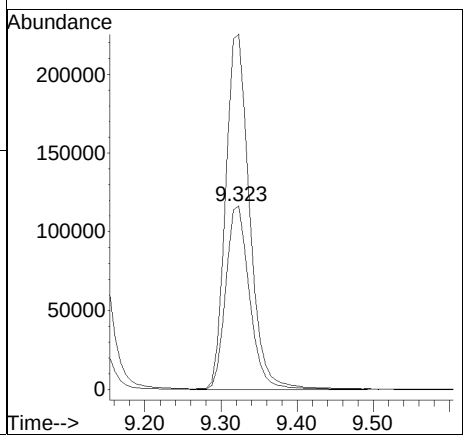


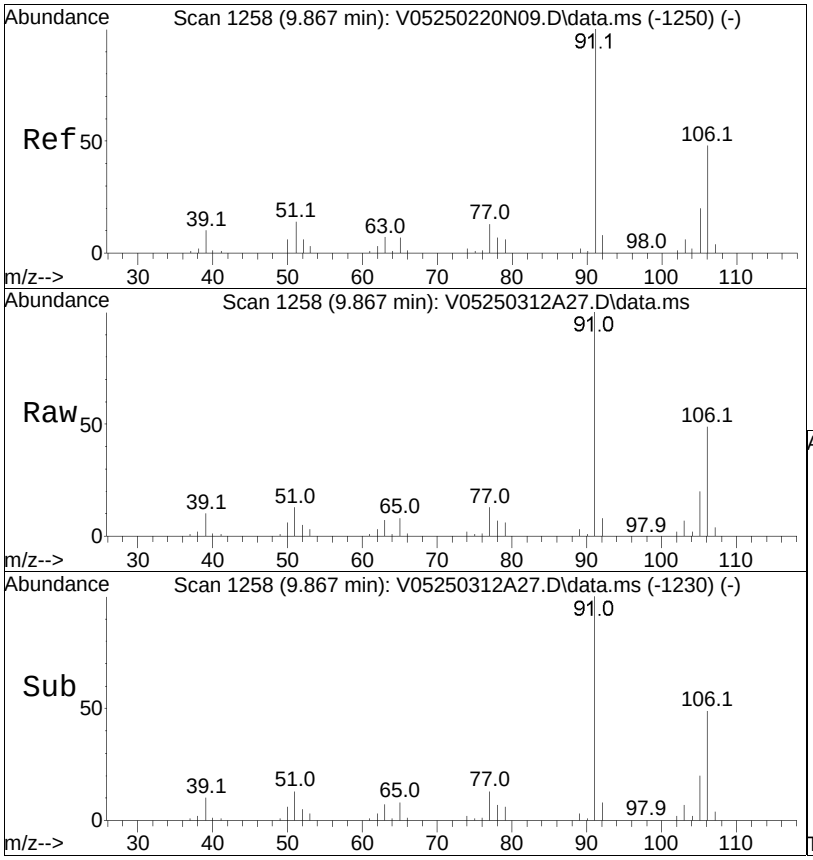


#76
p/m Xylene
Concen: 20.76 ug/L
RT: 9.323 min Scan# 1181
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:106 Resp: 253697

Ion	Ratio	Lower	Upper
106	100		
91	192.4	155.3	232.9

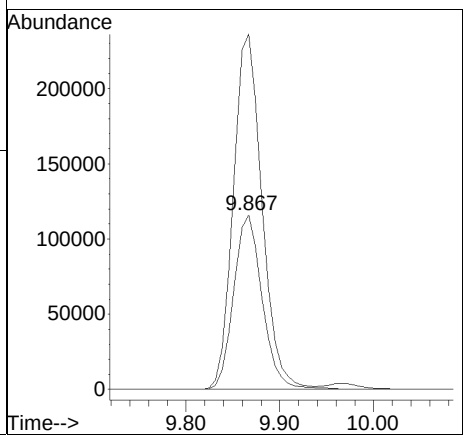


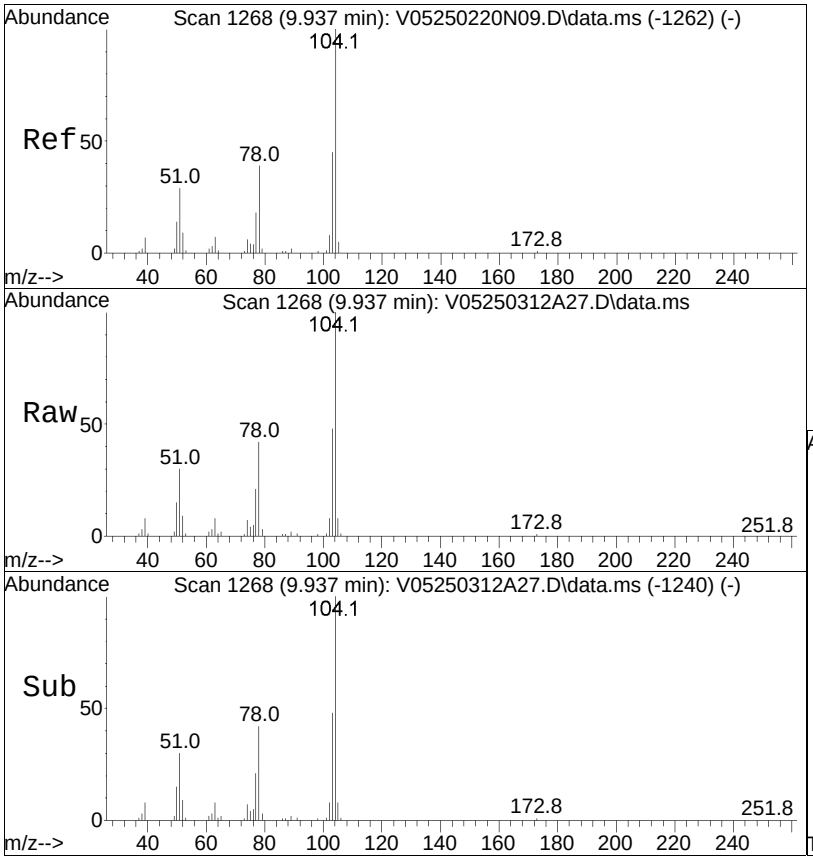


#77
o Xylene
Concen: 21.02 ug/L
RT: 9.867 min Scan# 1258
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:106 Resp: 246066

Ion	Ratio	Lower	Upper
106	100		
91	203.8	163.8	245.6

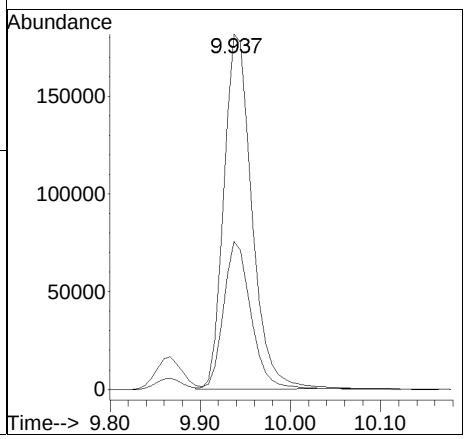


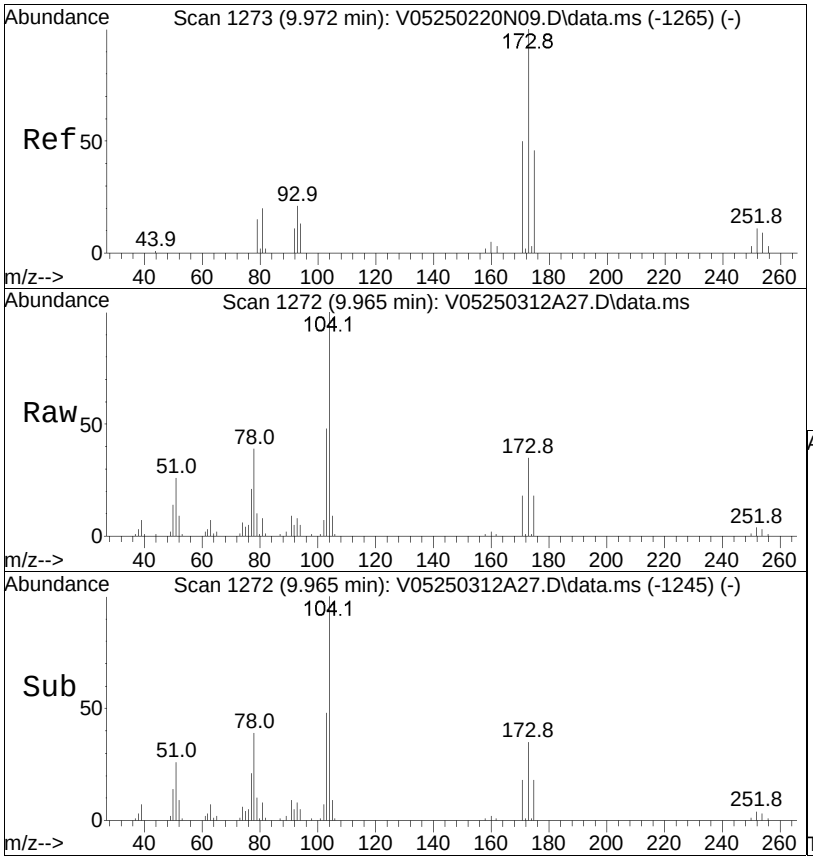


#78
Styrene
Concen: 20.74 ug/L
RT: 9.937 min Scan# 1268
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:104 Resp: 392646

Ion	Ratio	Lower	Upper
104	100		
78	40.7	31.8	47.6

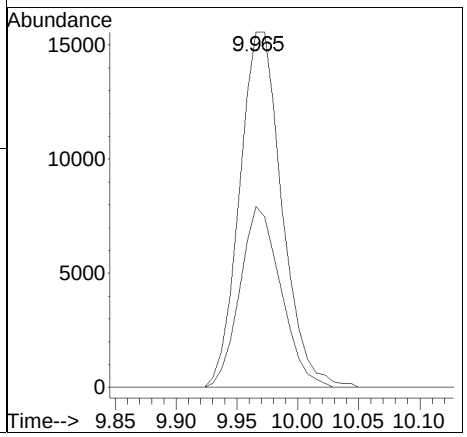


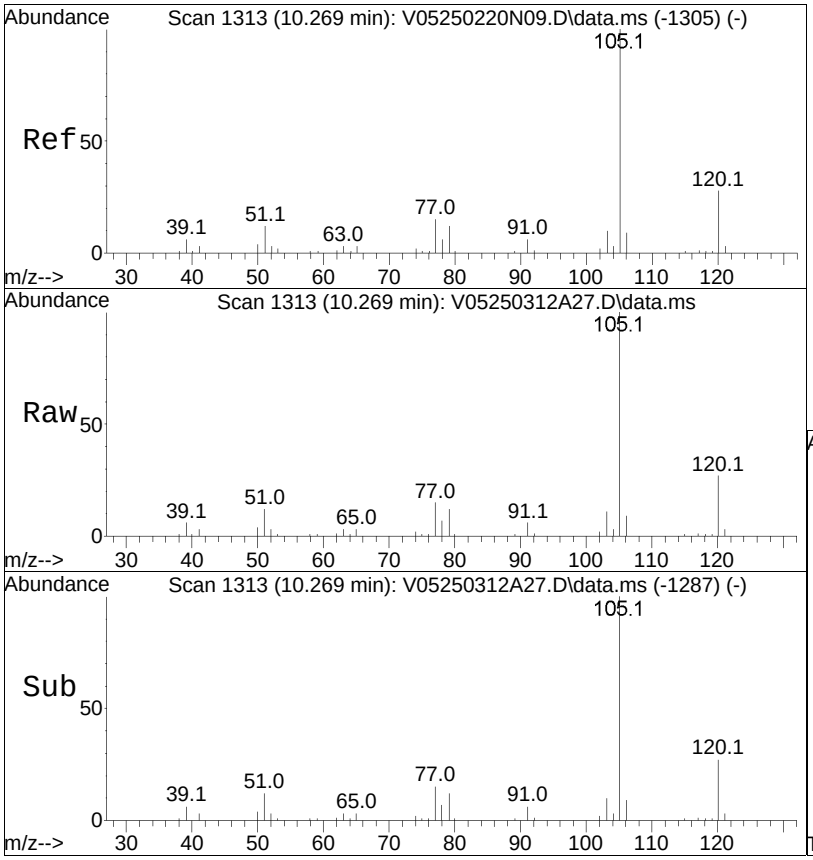


#80
Bromoform
Concen: 9.17 ug/L
RT: 9.965 min Scan# 1272
Delta R.T. -0.007 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:173 Resp: 37769

Ion	Ratio	Lower	Upper
173	100		
175	49.2	27.6	67.6

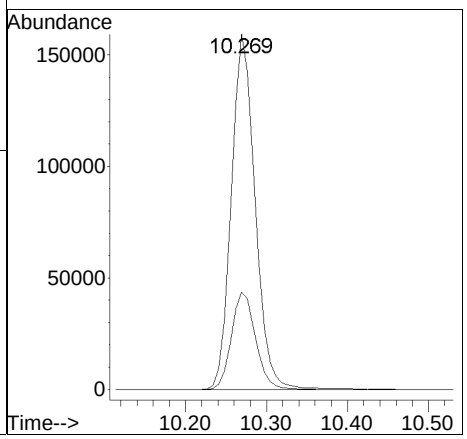


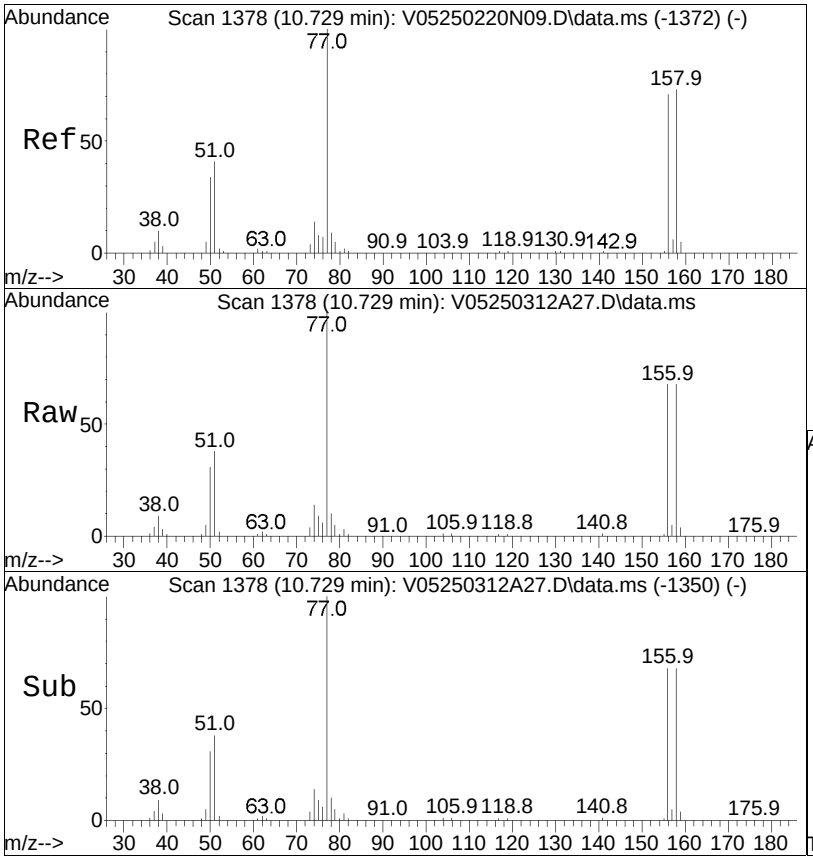


#82
Isopropylbenzene
Concen: 10.16 ug/L
RT: 10.269 min Scan# 1313
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:105 Resp: 324479

Ion	Ratio	Lower	Upper
105	100		
120	27.7	7.1	47.1

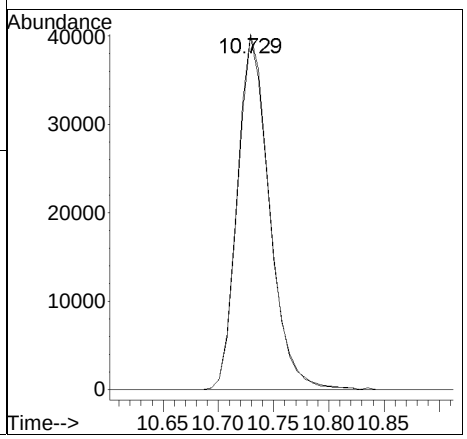


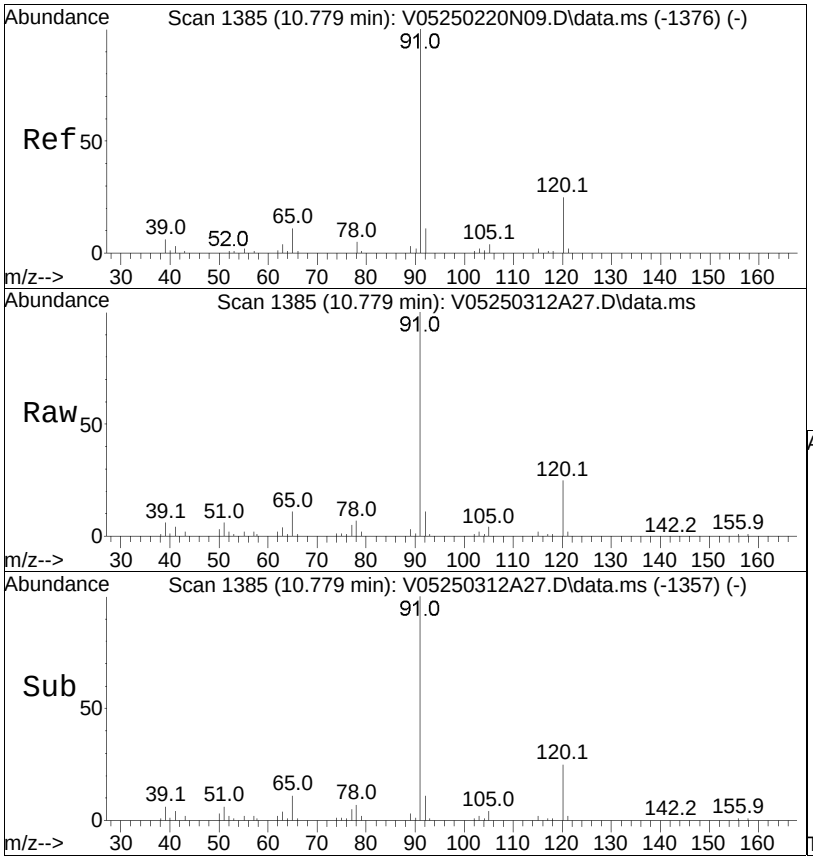


#84
Bromobenzene
Concen: 10.33 ug/L
RT: 10.729 min Scan# 1378
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:156 Resp: 81707

Ion	Ratio	Lower	Upper
156	100		
158	97.7	79.4	119.2

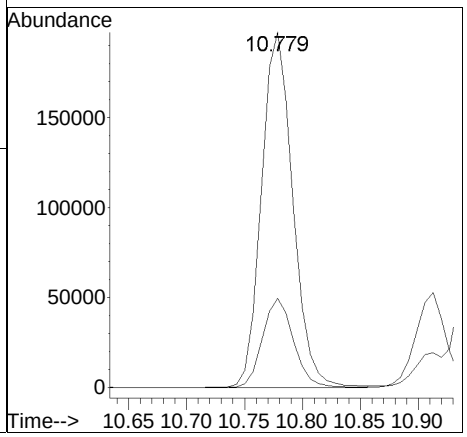


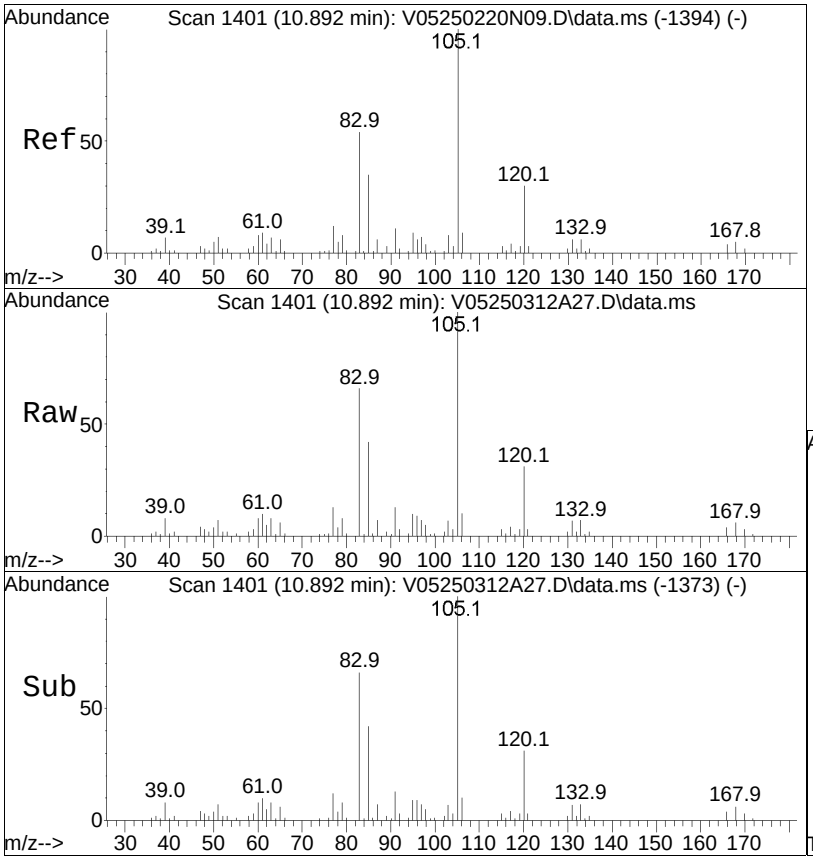


#85
n-Propylbenzene
Concen: 10.05 ug/L
RT: 10.779 min Scan# 1385
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 91 Resp: 370876

Ion	Ratio	Lower	Upper
91	100		
120	24.7	19.9	29.9

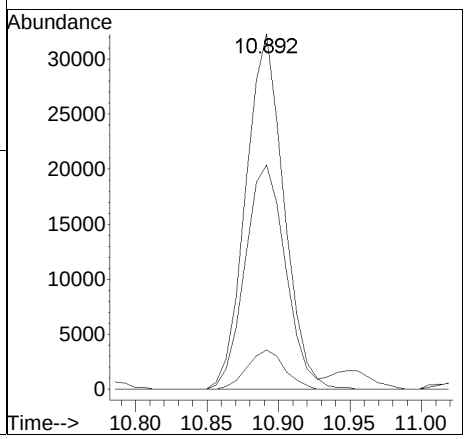


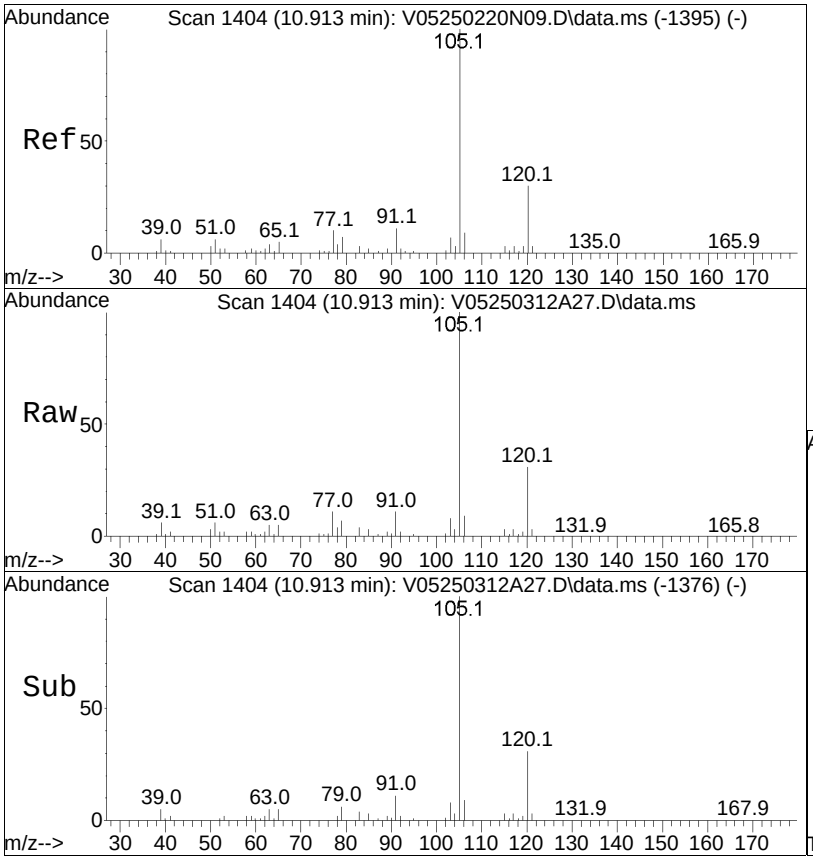


#87
1,1,2,2-Tetrachloroethane
Concen: 10.89 ug/L
RT: 10.892 min Scan# 1401
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 83 Resp: 59844

Ion	Ratio	Lower	Upper
83	100		
131	11.0	0.0	31.6
85	67.1	44.6	84.6

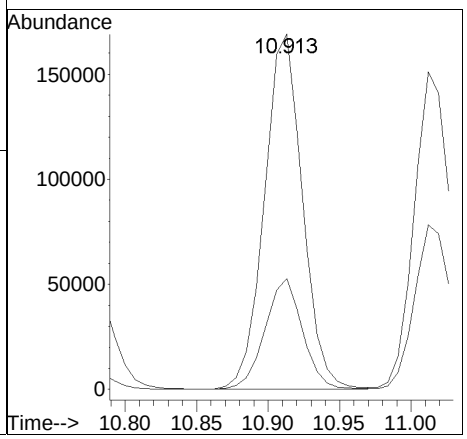


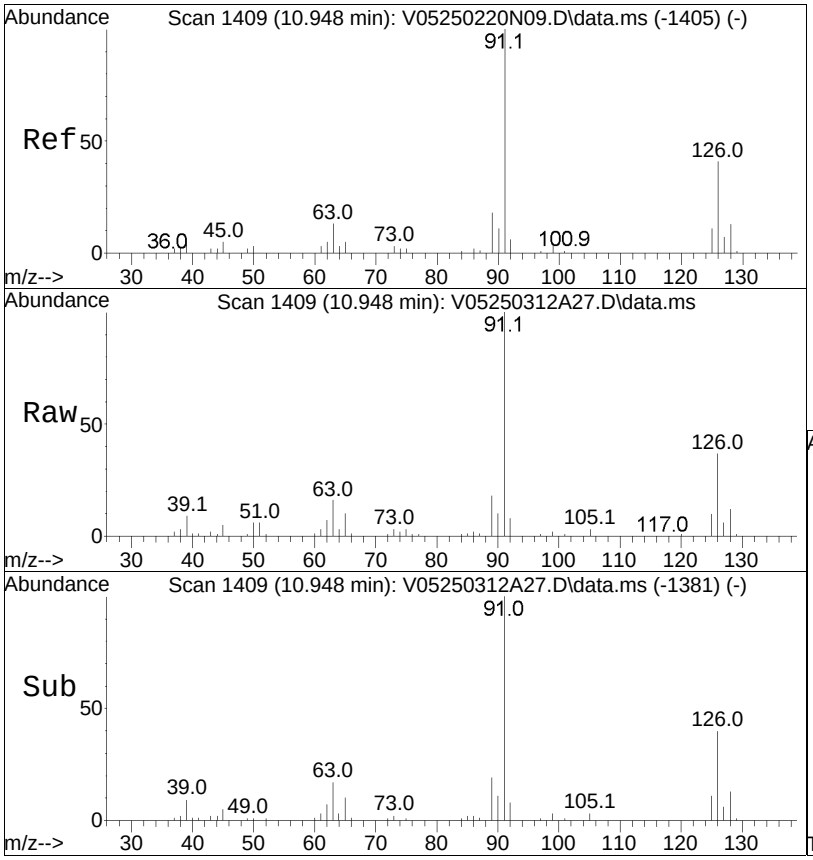


#88
4-Ethyltoluene
Concen: 9.99 ug/L
RT: 10.913 min Scan# 1404
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:105 Resp: 313513

Ion	Ratio	Lower	Upper
105	100		
120	30.5	20.0	41.6

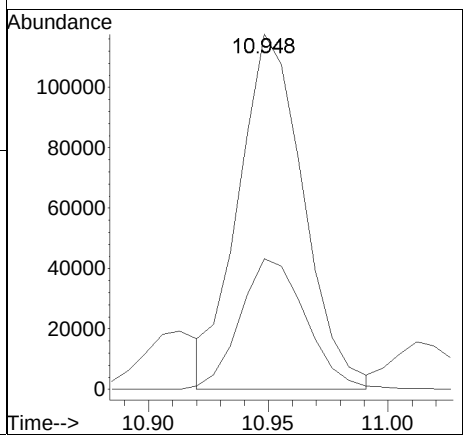


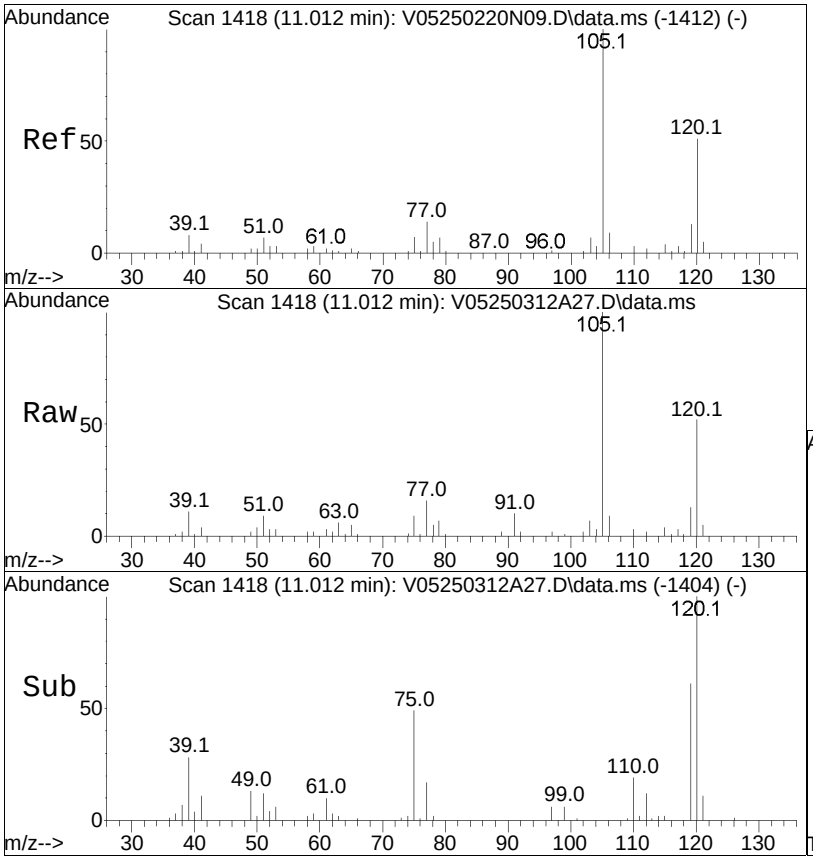


#89
2-Chlorotoluene
Concen: 10.11 ug/L M6
RT: 10.948 min Scan# 1409
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 91 Resp: 221668

Ion	Ratio	Lower	Upper
91	100		
126	37.4	29.9	44.9

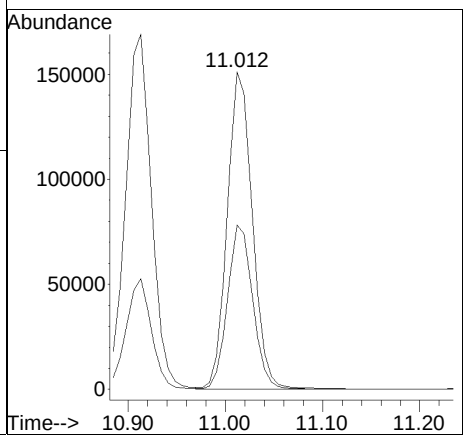


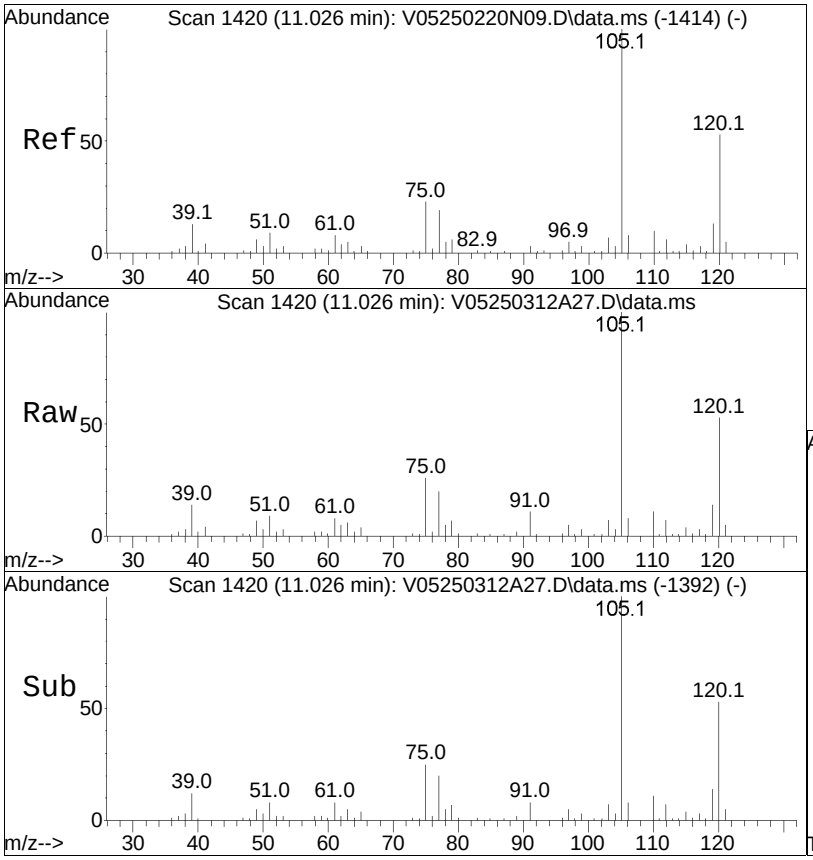


#90
1,3,5-Trimethylbenzene
Concen: 9.84 ug/L
RT: 11.012 min Scan# 1418
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:105 Resp: 271200

Ion	Ratio	Lower	Upper
105	100		
120	52.4	40.6	60.8

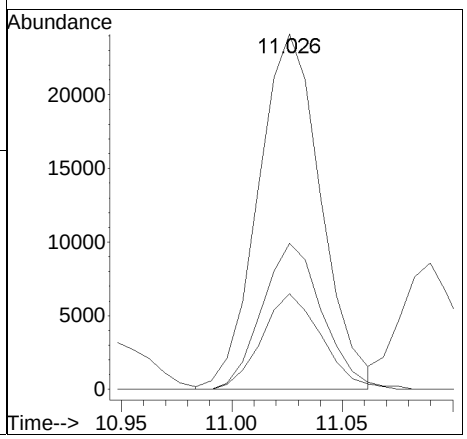


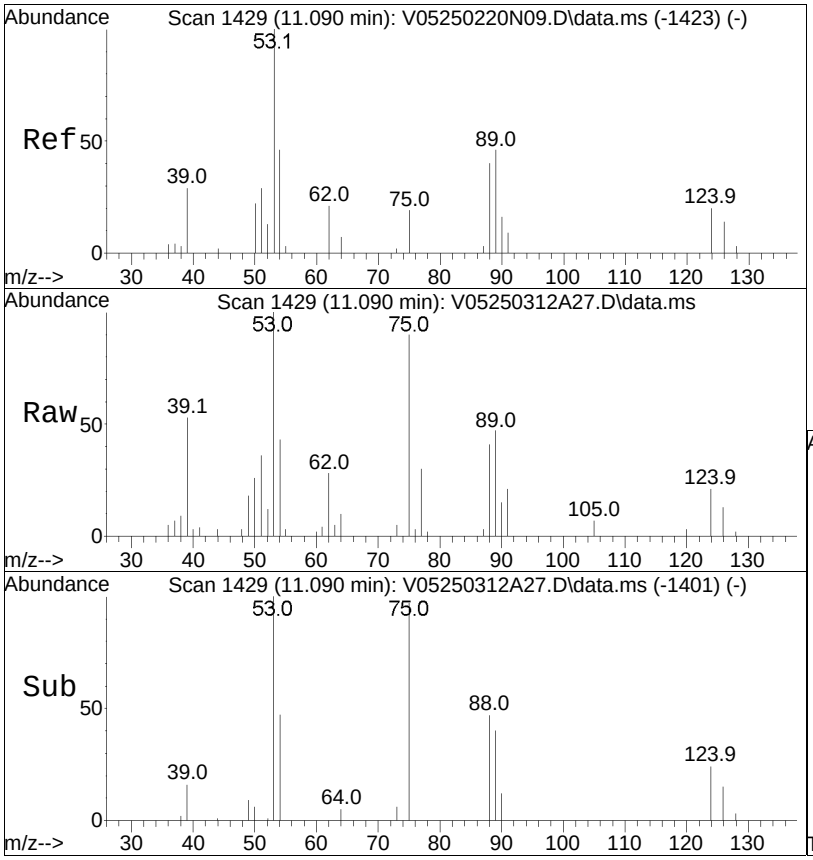


#91
1,2,3-Trichloropropane
Concen: 10.94 ug/L
RT: 11.026 min Scan# 1420
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 75 Resp: 47674

Ion	Ratio	Lower	Upper
75	100		
110	39.6	25.9	53.9
112	25.6	17.9	37.3

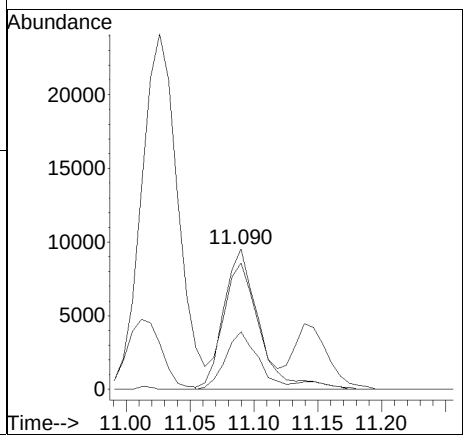


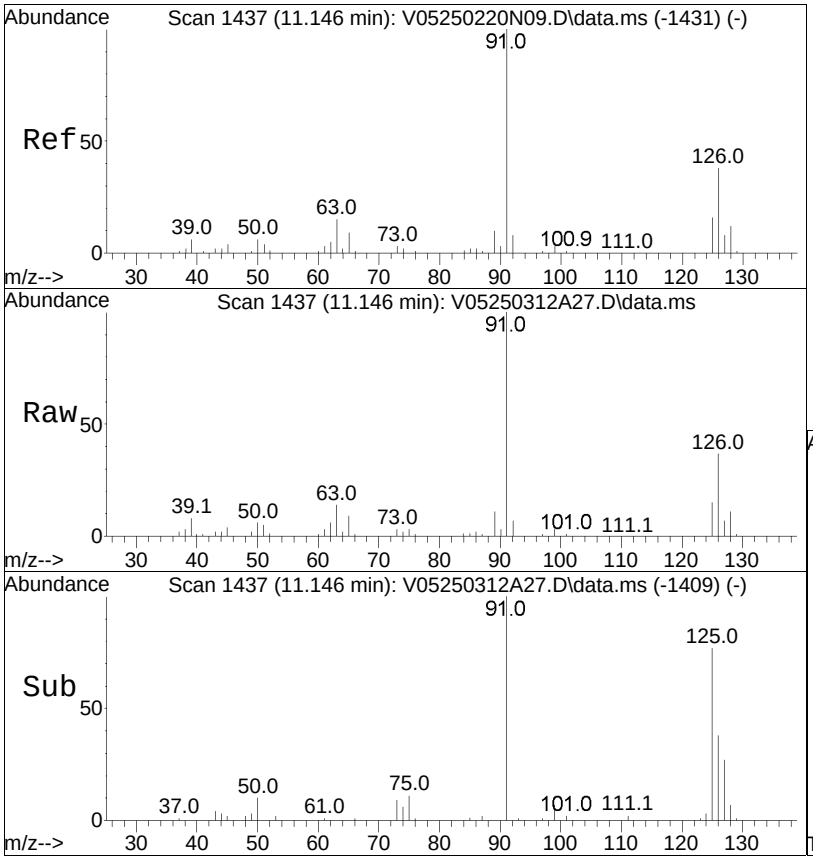


#92
trans-1,4-Dichloro-2-butene
Concen: 9.43 ug/L
RT: 11.090 min Scan# 1429
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 53 Resp: 18377

Ion	Ratio	Lower	Upper
53	100		
88	38.0	28.3	42.5
75	85.2	58.4	87.6

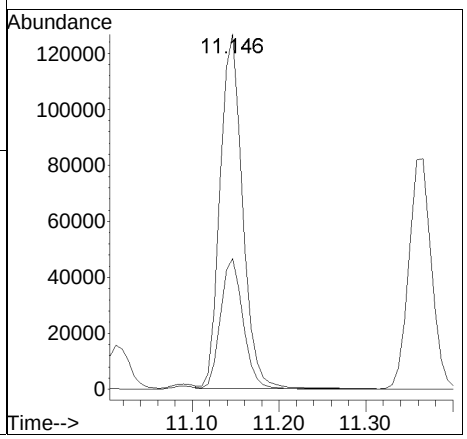


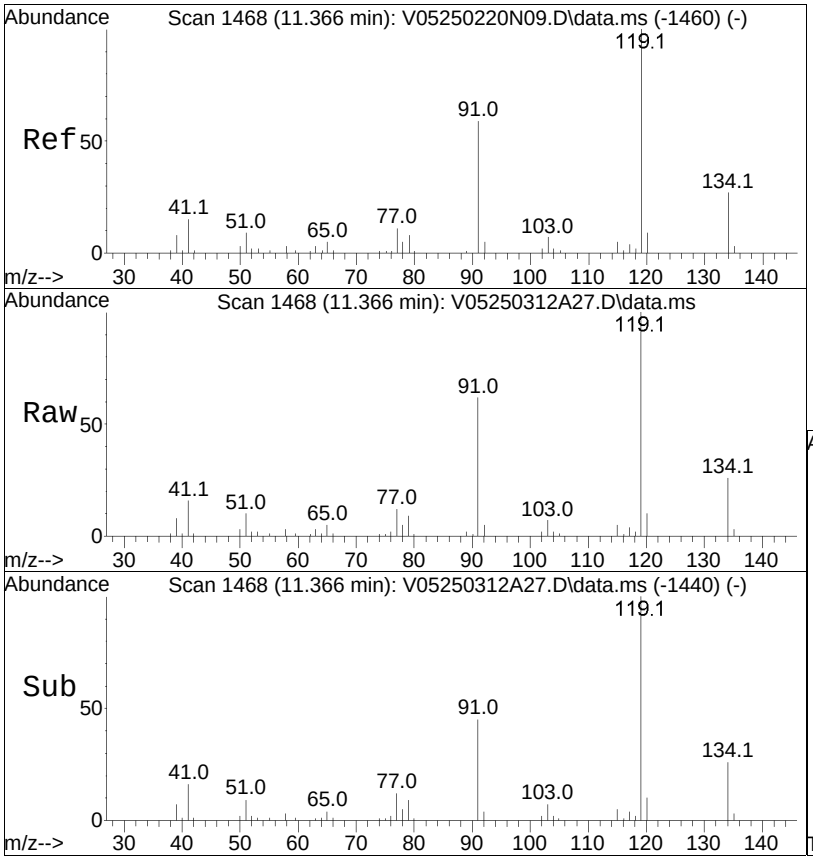


#93
4-Chlorotoluene
Concen: 10.13 ug/L
RT: 11.146 min Scan# 1437
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 91 Resp: 229029

Ion	Ratio	Lower	Upper
91	100		
126	37.2	31.0	46.6

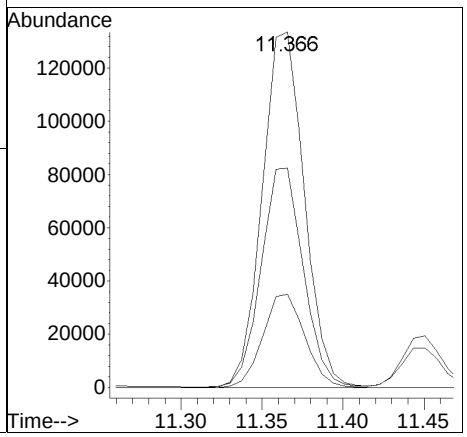


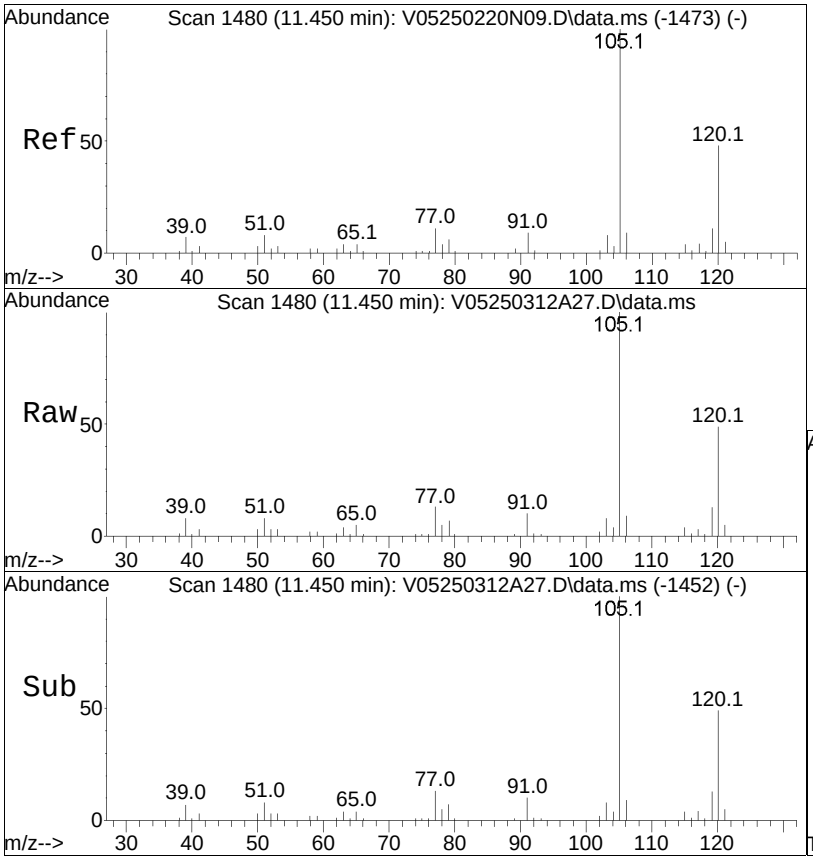


#94
tert-Butylbenzene
Concen: 10.05 ug/L
RT: 11.366 min Scan# 1468
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:119 Resp: 241638

Ion	Ratio	Lower	Upper
119	100		
91	61.5	49.1	73.7
134	26.2	20.9	31.3

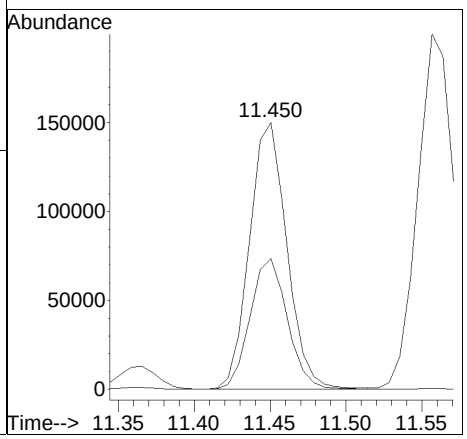


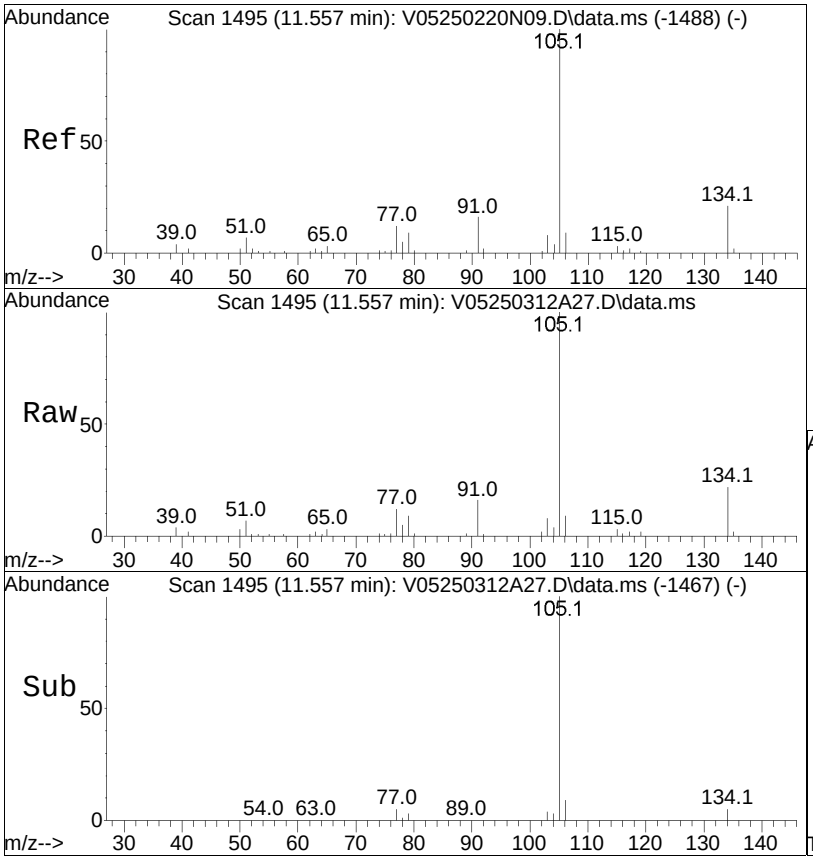


#97
1,2,4-Trimethylbenzene
Concen: 9.81 ug/L
RT: 11.450 min Scan# 1480
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:105 Resp: 257564

Ion	Ratio	Lower	Upper
105	100		
120	49.0	38.2	57.4

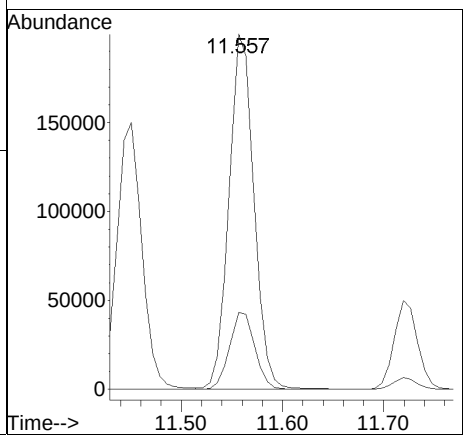


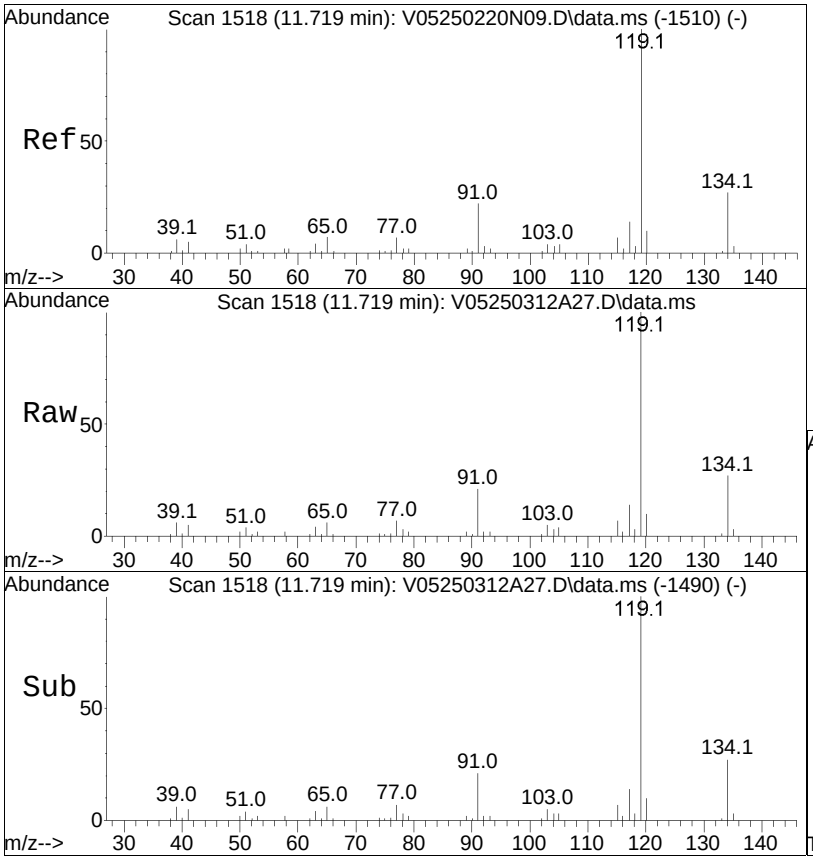


#98
sec-Butylbenzene
Concen: 10.06 ug/L
RT: 11.557 min Scan# 1495
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:105 Resp: 340859

Ion	Ratio	Lower	Upper
105	100		
134	22.2	14.2	29.6

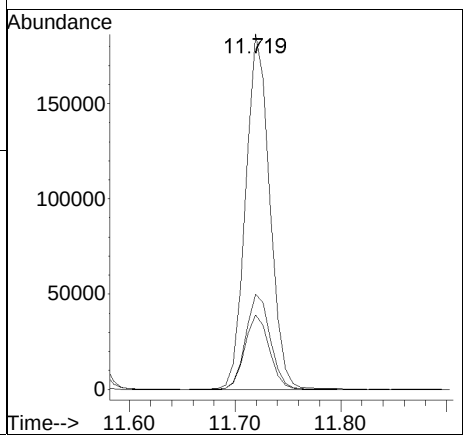


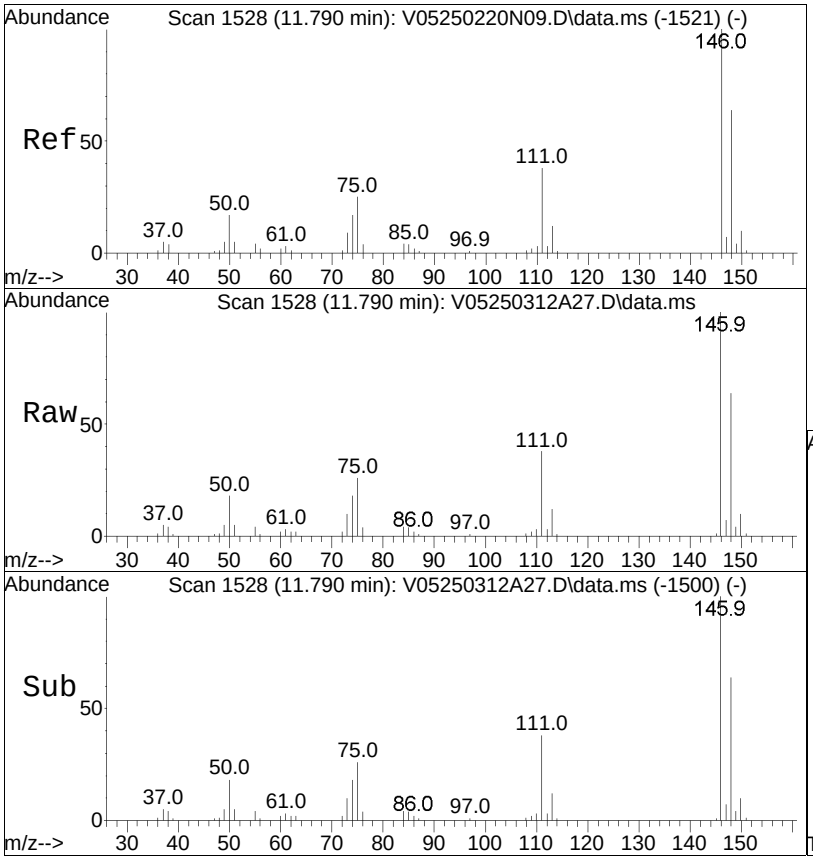


#99
p-Isopropyltoluene
Concen: 9.84 ug/L
RT: 11.719 min Scan# 1518
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:119 Resp: 295867

Ion	Ratio	Lower	Upper
119	100		
134	27.2	17.4	36.2
91	21.5	14.2	29.4

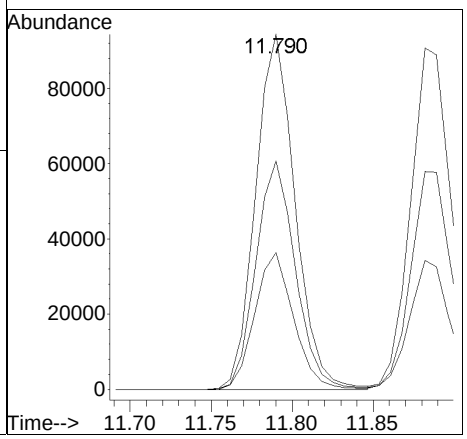


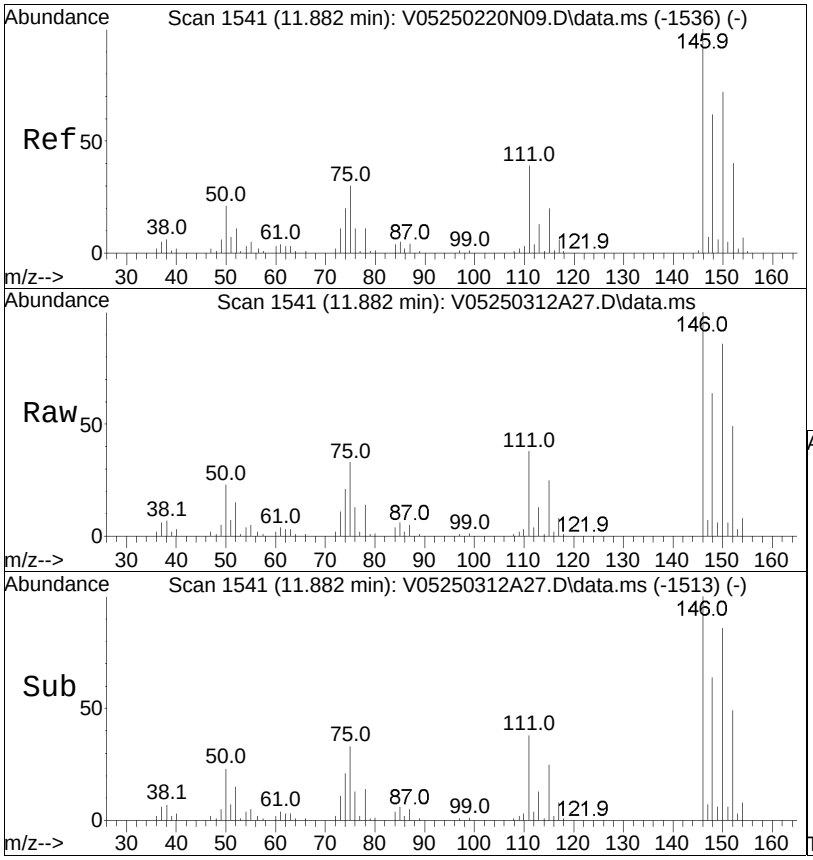


#100
1,3-Dichlorobenzene
Concen: 10.05 ug/L
RT: 11.790 min Scan# 1528
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:146 Resp: 159823

Ion	Ratio	Lower	Upper
146	100		
111	37.9	25.1	52.1
148	64.3	40.9	84.9

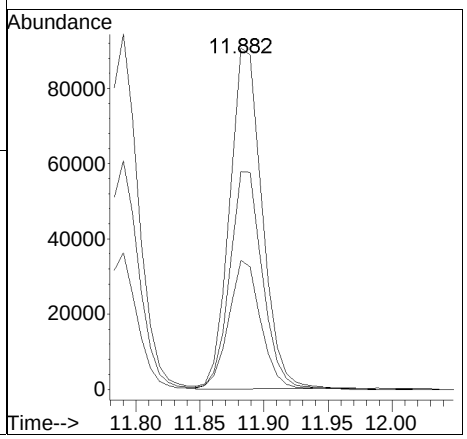


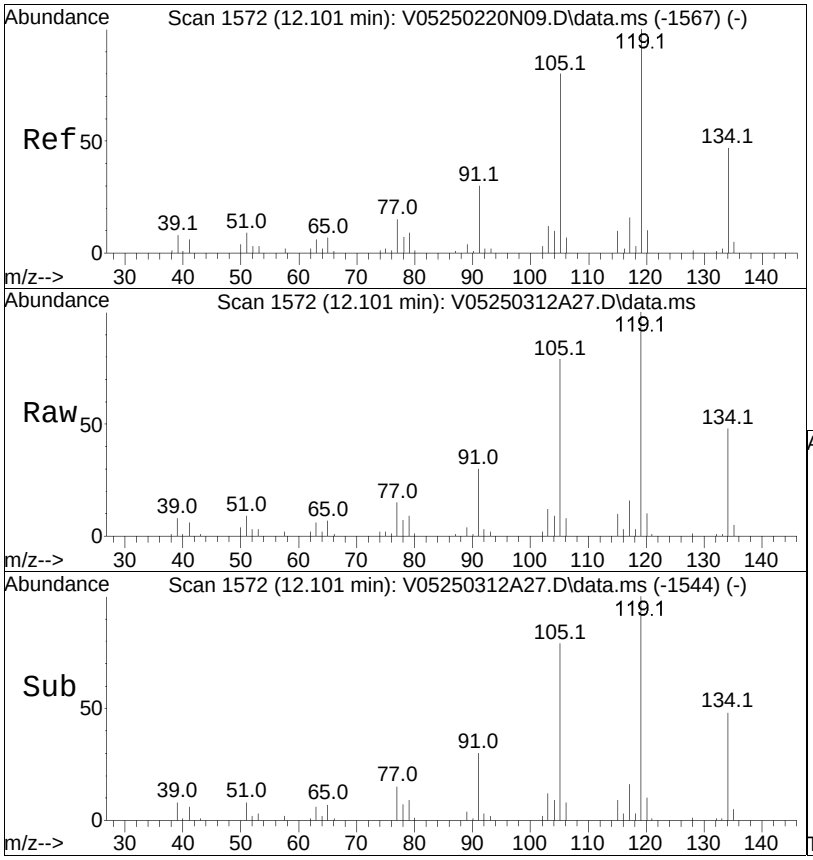


#101
1,4-Dichlorobenzene
Concen: 9.81 ug/L
RT: 11.882 min Scan# 1541
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:146 Resp: 160302

Ion	Ratio	Lower	Upper
146	100		
111	37.7	30.2	45.2
148	64.7	50.5	75.7

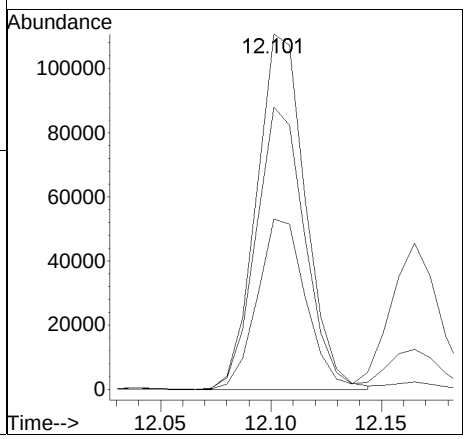


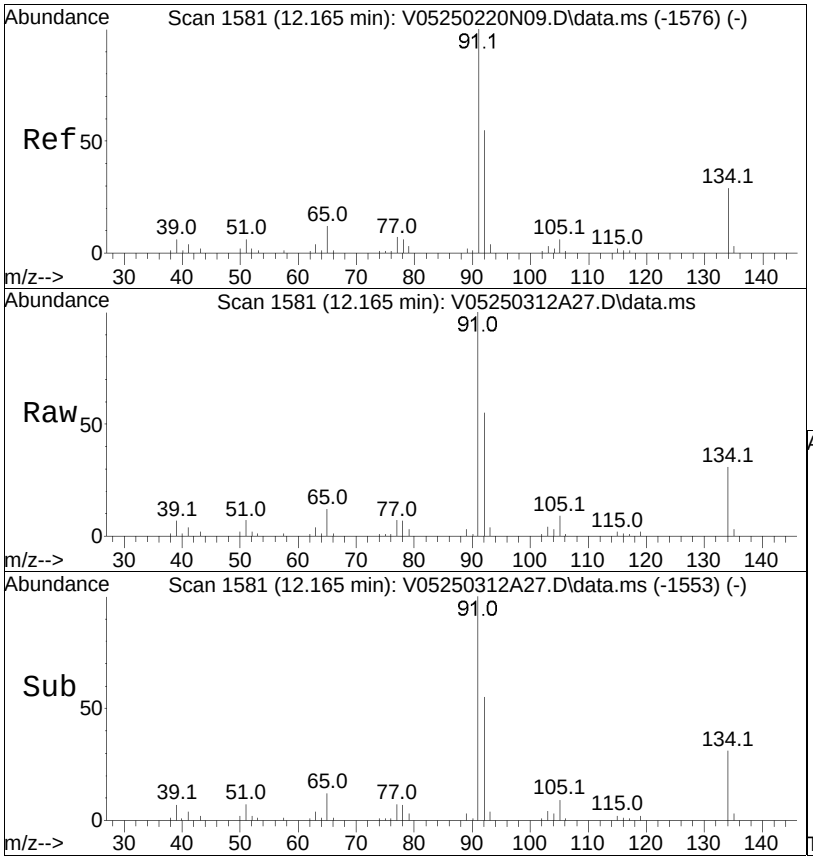


#102
p-Diethylbenzene
Concen: 9.66 ug/L
RT: 12.101 min Scan# 1572
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:119 Resp: 170475

Ion	Ratio	Lower	Upper
119	100		
105	79.3	52.1	108.1
134	47.5	30.9	64.1

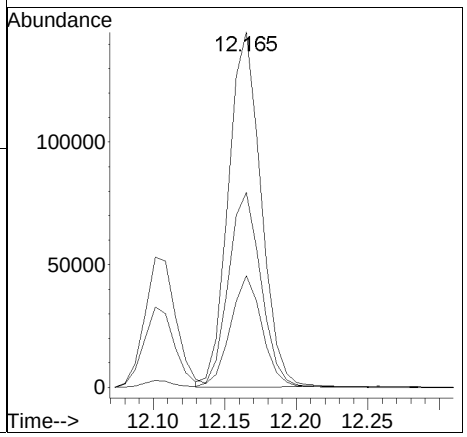


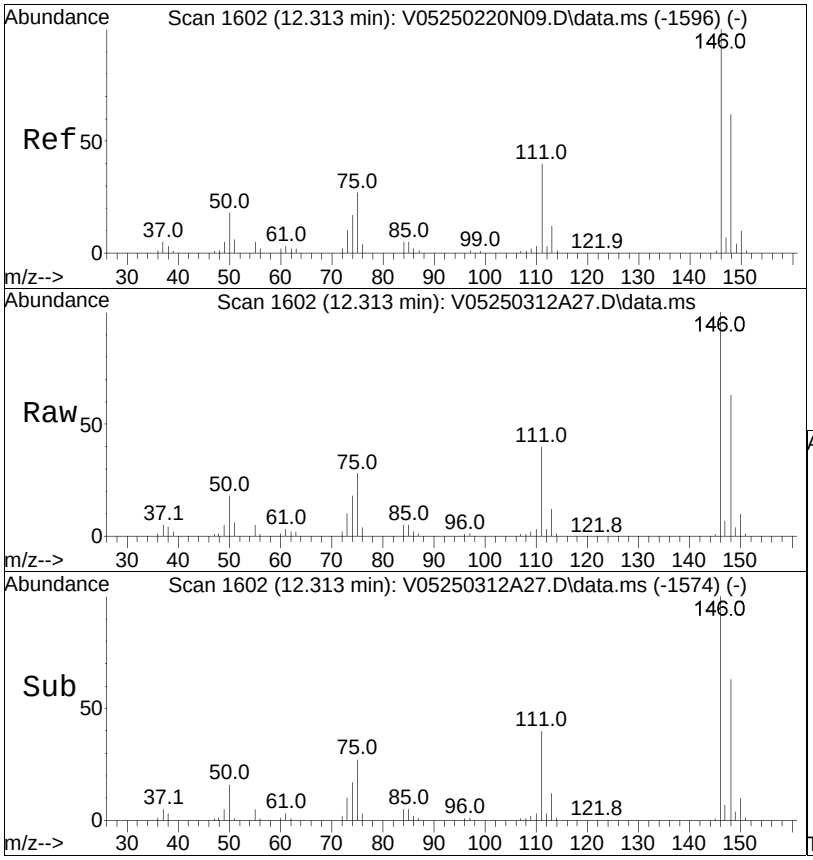


#103
n-Butylbenzene
Concen: 9.66 ug/L
RT: 12.165 min Scan# 1581
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion: 91 Resp: 229949

Ion	Ratio	Lower	Upper
91	100		
92	55.3	43.6	65.4
134	30.2	24.3	36.5

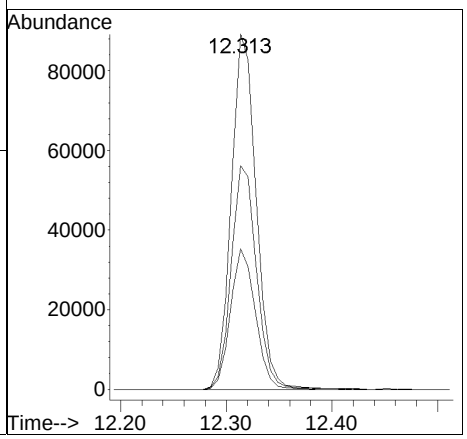


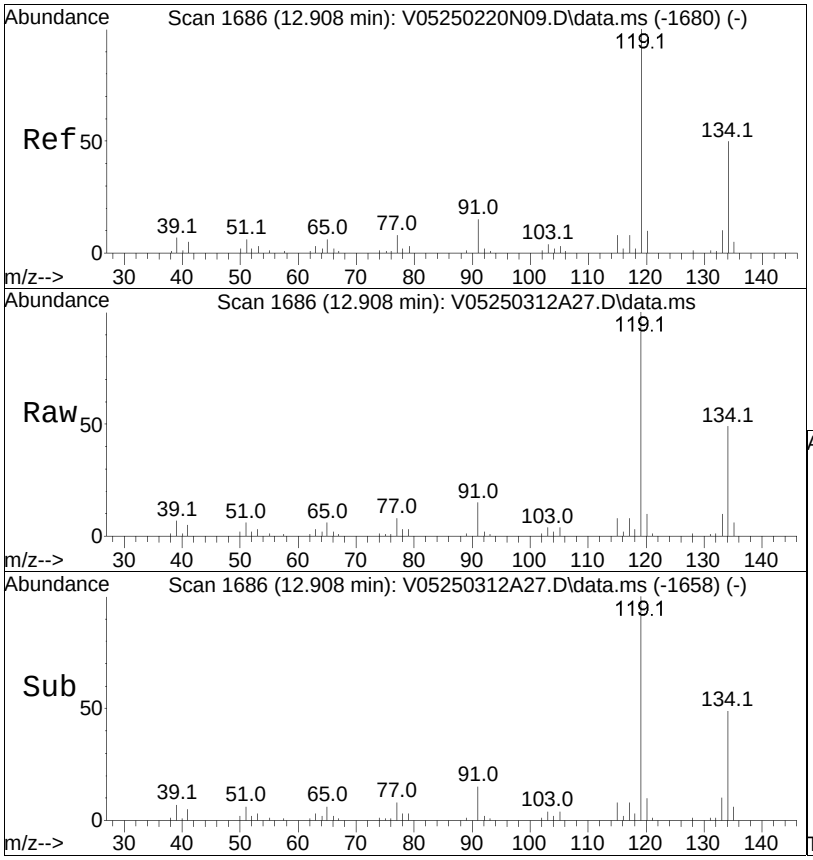


#104
1,2-Dichlorobenzene
Concen: 10.22 ug/L
RT: 12.313 min Scan# 1602
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:146 Resp: 147112

Ion	Ratio	Lower	Upper
146	100		
111	39.4	25.9	53.7
148	63.9	41.0	85.2

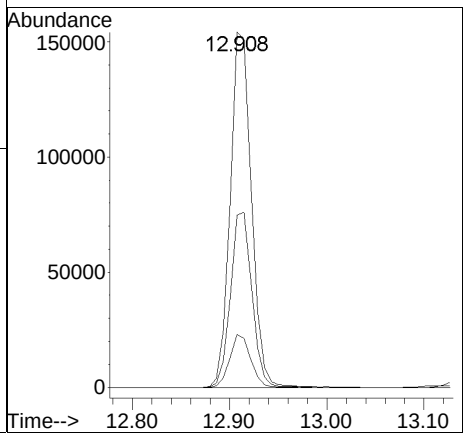


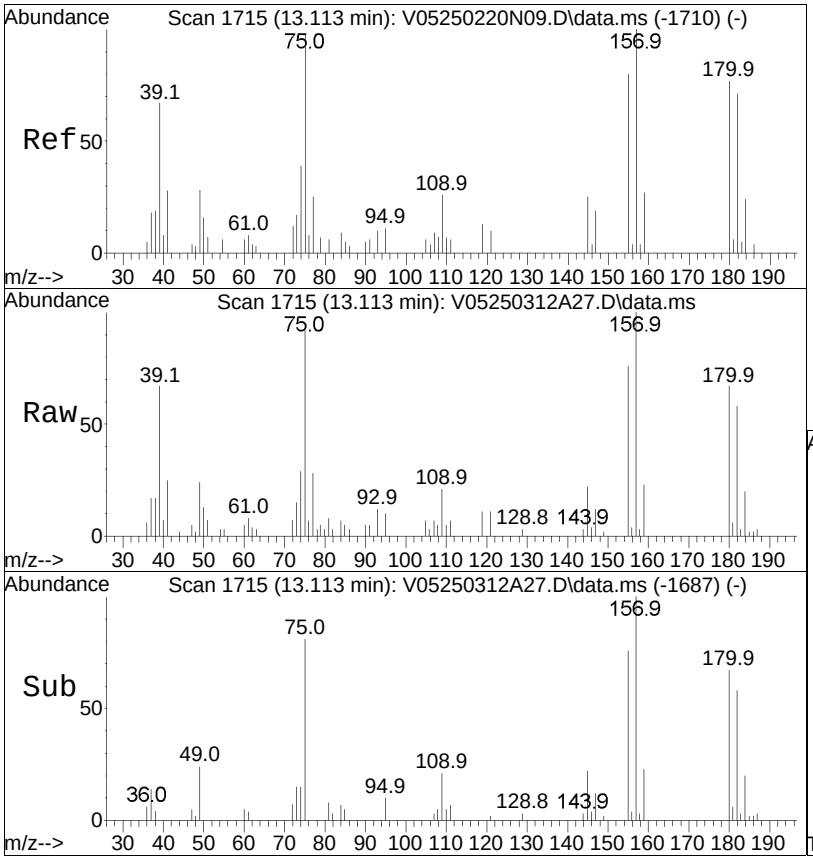


#105
1,2,4,5-Tetramethylbenzene
Concen: 8.73 ug/L
RT: 12.908 min Scan# 1686
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:119 Resp: 234463

Ion	Ratio	Lower	Upper
119	100		
134	49.7	32.4	67.2
91	14.6	9.6	20.0

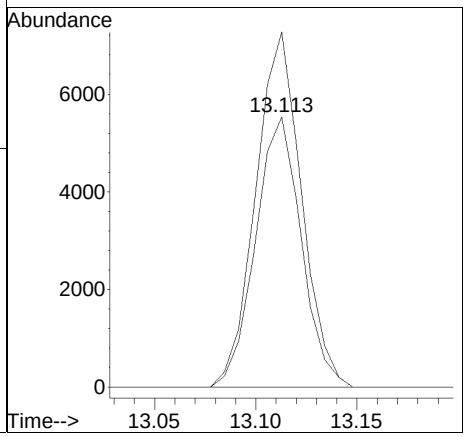


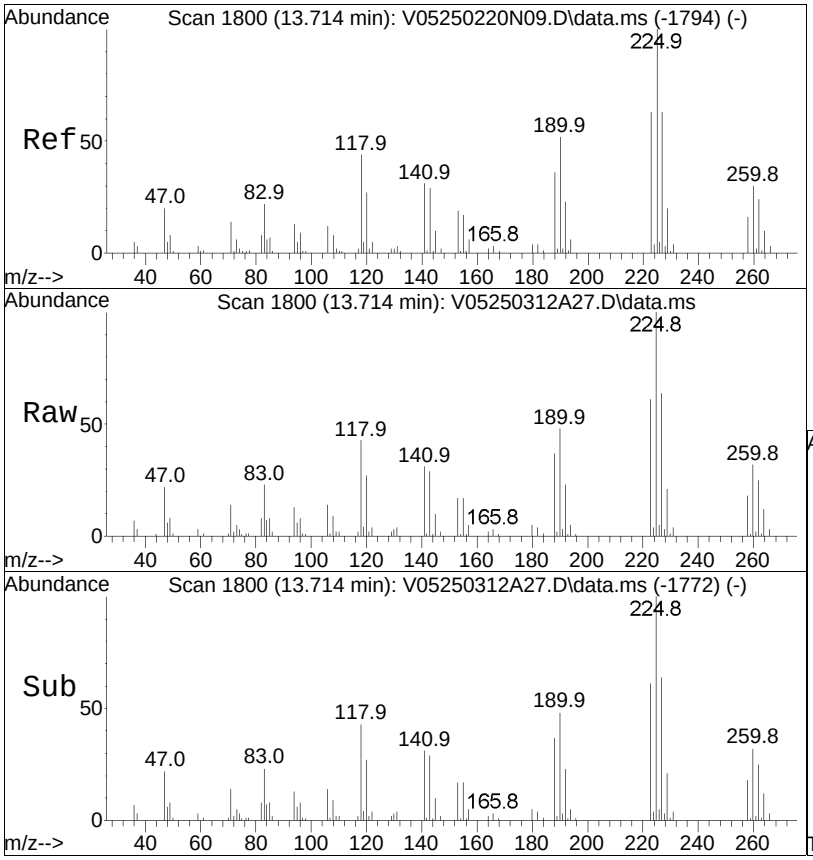


#106
1,2-Dibromo-3-chloropropane
Concen: 9.60 ug/L
RT: 13.113 min Scan# 1715
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:155 Resp: 8695

Ion	Ratio	Lower	Upper
155	100		
157	131.3	101.8	152.6

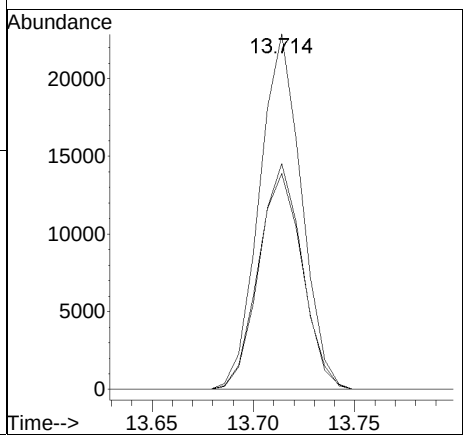


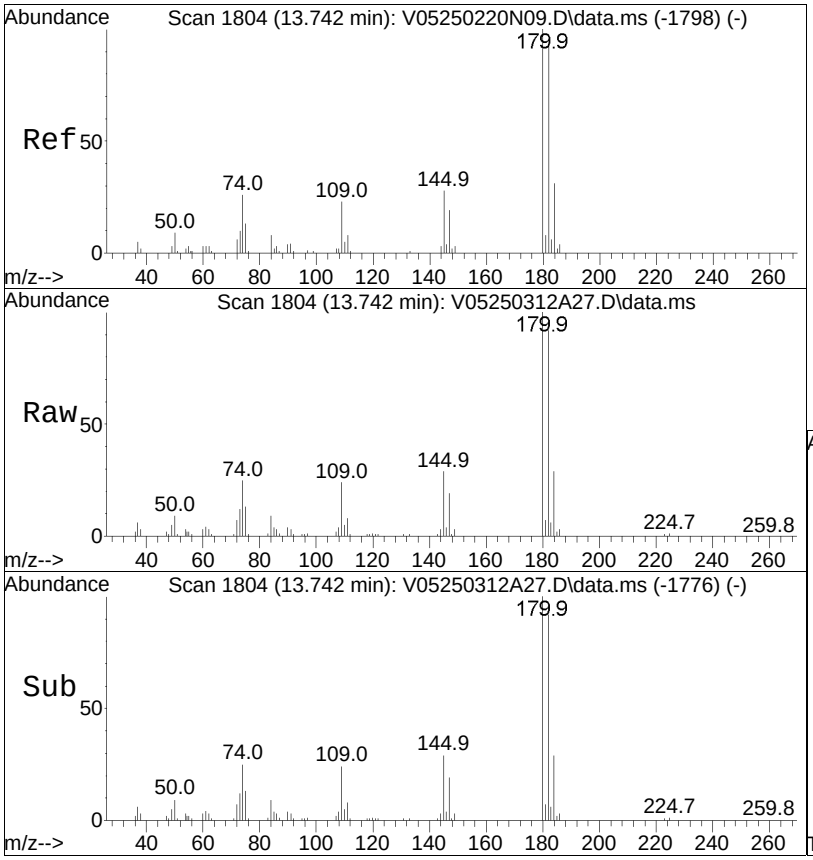


#108
Hexachlorobutadiene
Concen: 8.91 ug/L
RT: 13.714 min Scan# 1800
Delta R.T. -0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:225 Resp: 33042

Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.8	76.2
227	64.9	51.8	77.6

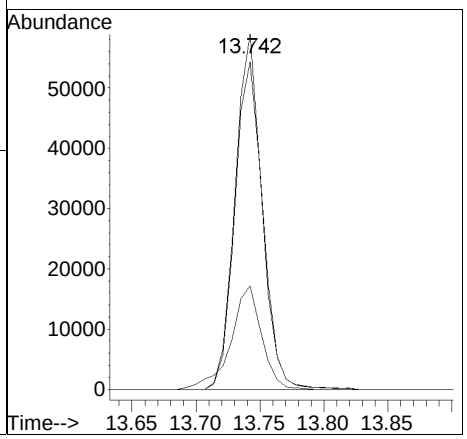


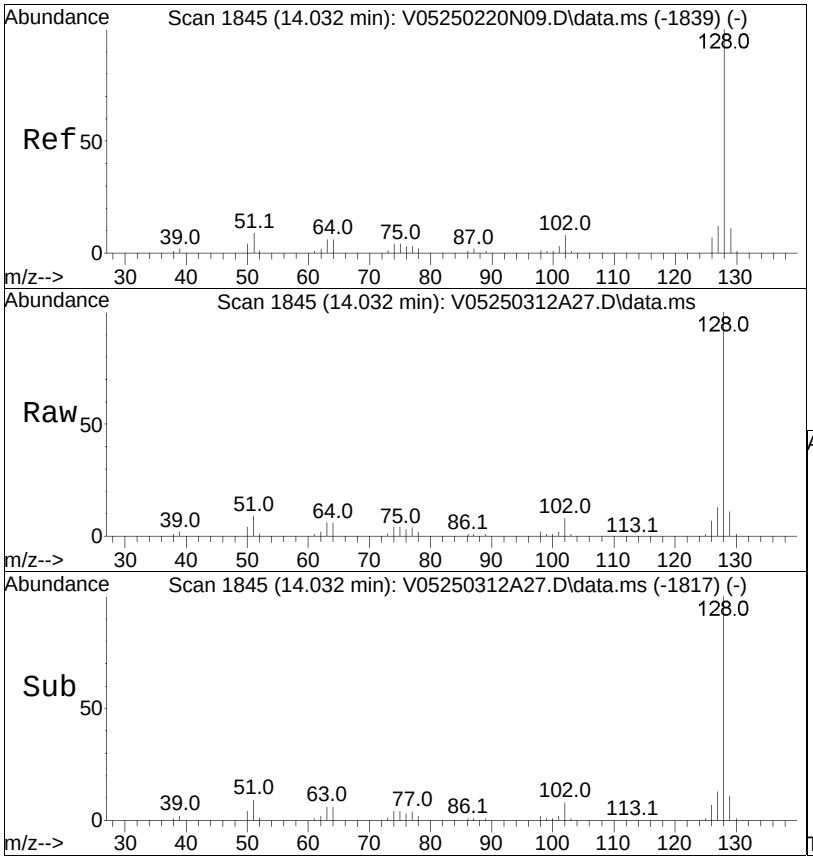


#109
1,2,4-Trichlorobenzene
Concen: 9.88 ug/L
RT: 13.742 min Scan# 1804
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:180 Resp: 87113

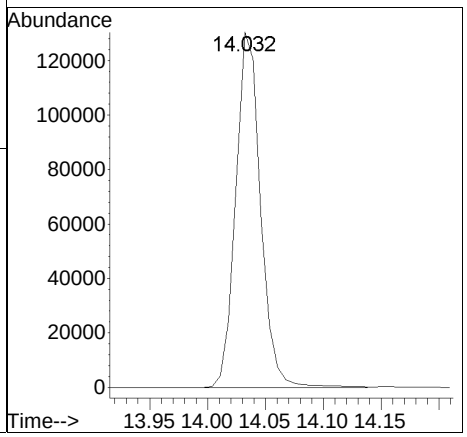
Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.4	114.6
145	32.9	27.3	40.9

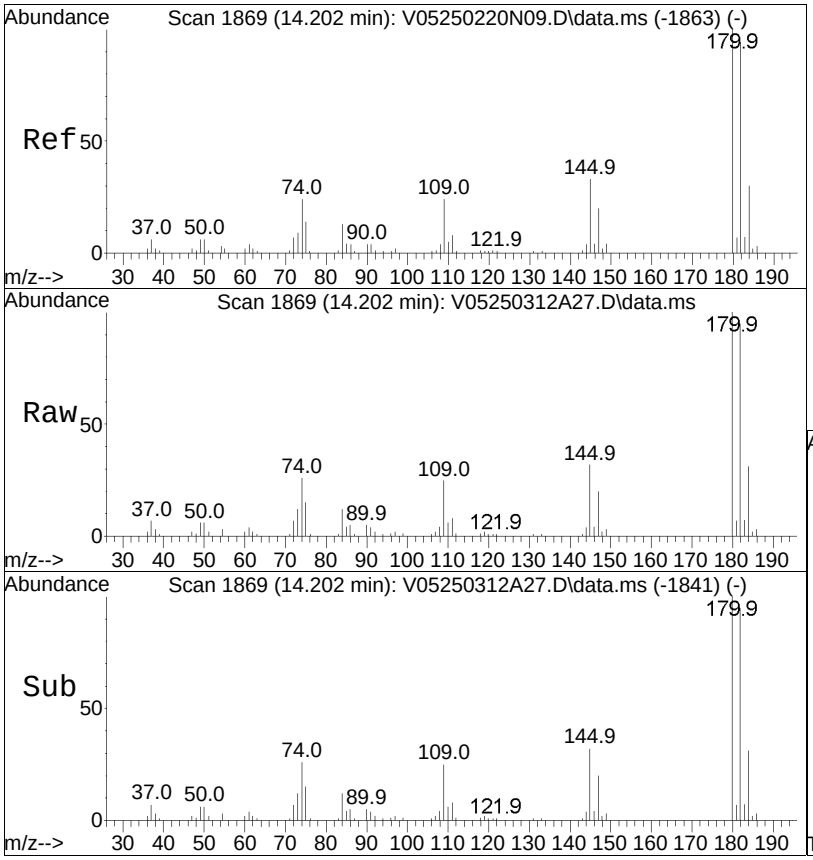




#110
Naphthalene
Concen: 11.00 ug/L
RT: 14.032 min Scan# 1845
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:128 Resp: 194496

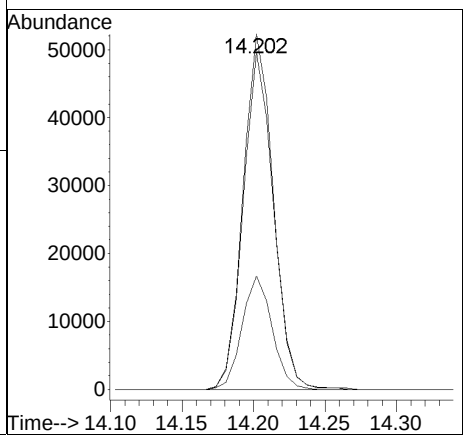




#111
1,2,3-Trichlorobenzene
Concen: 10.43 ug/L
RT: 14.202 min Scan# 1869
Delta R.T. 0.000 min
Lab File: V05250312A27.D
Acq: 12 Mar 2025 5:59 pm

Tgt Ion:180 Resp: 77141

Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.1	112.7
145	31.5	25.6	38.4

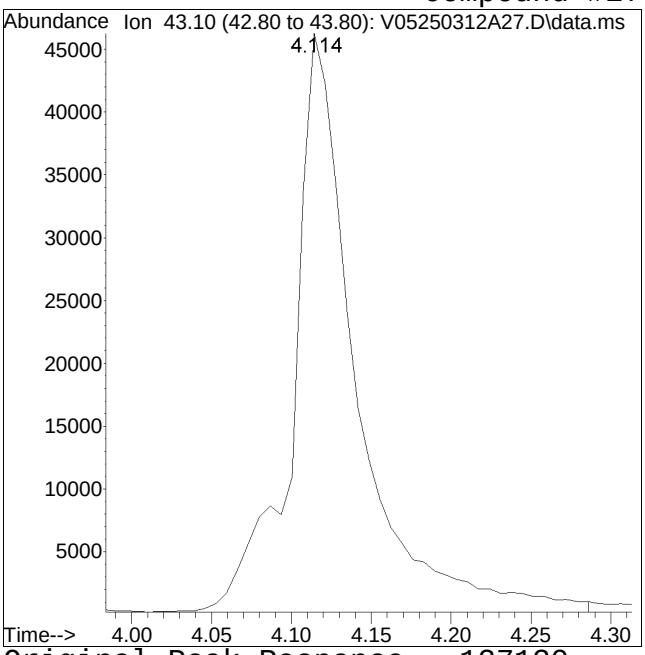


Manual Integration Report

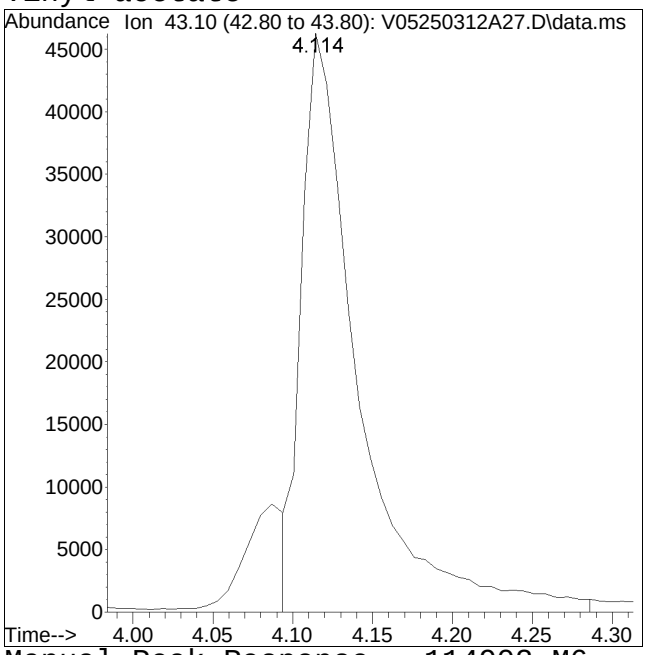
Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A27.D
Date Inj'd : 3/12/2025 5:59 pm
Sample : WG2039666-6,31,10,10,,a1

QMethod : V105_250220N_8260.m
Operator : VOA105:JIC
Instrument : VOA105
Quant Date : 3/13/2025 6:12 am

Compound #27: Vinyl acetate



Original Peak Response = 127130



Manual Peak Response = 114902 M6

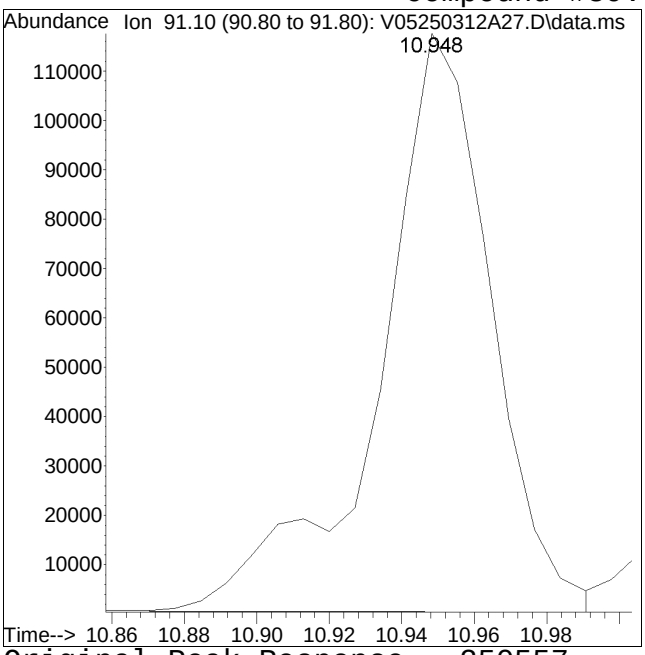
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

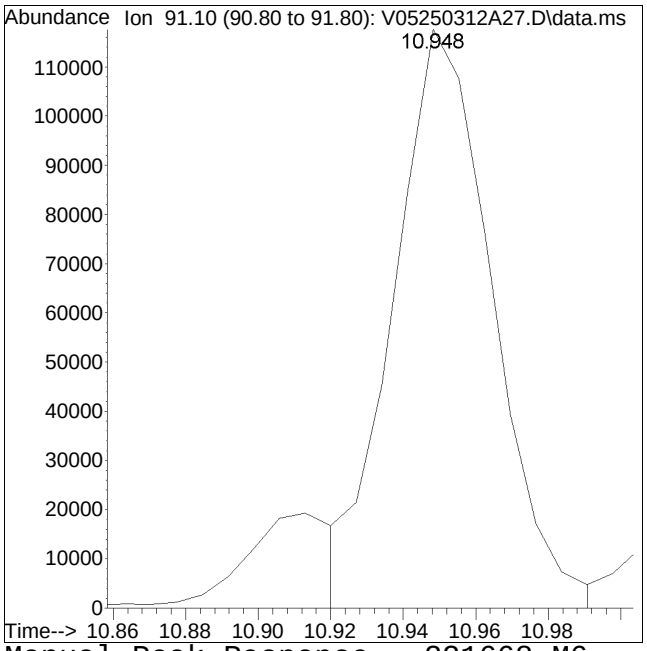
Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A27.D
Date Inj'd : 3/12/2025 5:59 pm
Sample : WG2039666-6,31,10,10,,a1

QMethod : V105_250220N_8260.m
Operator : VOA105:JIC
Instrument : VOA105
Quant Date : 3/13/2025 6:12 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 250557



Manual Peak Response = 221668 M6

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A28.D
Acq On : 12 Mar 2025 6:24 pm
Operator : VOA105:JIC
Sample : WG2039666-7,31,10,10,,a2 (Sig #1); l2512368-10MSD,31,10,10,,a2 (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 13 07:17:54 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.591	96	302129	10.000	ug/L	0.00
Standard Area 1 = 345765			Recovery =	87.38%		
59) Chlorobenzene-d5	9.077	117	231172	10.000	ug/L	0.00
Standard Area 1 = 264279			Recovery =	87.47%		
79) 1,4-Dichlorobenzene-d4	11.868	152	132342	10.000	ug/L	0.00
Standard Area 1 = 147134			Recovery =	89.95%		
System Monitoring Compounds						
36) Dibromofluoromethane	4.815	113	80822	9.540	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	95.40%		
43) 1,2-Dichloroethane-d4	5.323	65	94851	9.710	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	97.10%		
60) Toluene-d8	7.249	98	290352	9.646	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.46%		
83) 4-Bromofluorobenzene	10.616	95	107244	10.136	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.36%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.465	85	80812	8.958	ug/L	100
3) Chloromethane	1.637	50	112234	9.654	ug/L	100
4) Vinyl chloride	1.698	62	102052	13.099	ug/L	97
5) Bromomethane	1.973	94	53648	15.327	ug/L	99
6) Chloroethane	2.076	64	59926	15.312	ug/L	99
7) Trichlorofluoromethane	2.200	101	117842	11.279	ug/L	98
8) Ethyl ether	2.481	74	31080	14.353	ug/L	93
10) 1,1-Dichloroethene	2.653	96	66063	13.245	ug/L	99
11) Carbon disulfide	2.680	76	204473	13.297	ug/L	100
15) Methylene chloride	3.181	84	79734	11.212	ug/L	95
17) Acetone	3.243	43	14759	10.155	ug/L	98
18) trans-1,2-Dichloroethene	3.325	96	81279	11.952	ug/L	93
20) Methyl tert-butyl ether	3.414	73	161537	11.682	ug/L	94
23) 1,1-Dichloroethane	3.881	63	164979	11.440	ug/L	99
25) Acrylonitrile	3.950	53	19221	9.699	ug/L	96
27) Vinyl acetate	4.115	43	113584M6	8.814	ug/L	
28) cis-1,2-Dichloroethene	4.382	96	87435	11.822	ug/L	96
29) 2,2-Dichloropropane	4.471	77	99149	10.066	ug/L	96
30) Bromochloromethane	4.568	128	41423	11.442	ug/L	96

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A28.D
Acq On : 12 Mar 2025 6:24 pm
Operator : VOA105:JIC
Sample : WG2039666-7,31,10,10,,a2 (Sig #1); l2512368-10MSD,31,10,10,,a2 (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 13 07:17:54 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
32) Chloroform	4.643	83	144359	11.537	ug/L	98
34) Carbon tetrachloride	4.753	117	107941	10.350	ug/L	98
37) 1,1,1-Trichloroethane	4.822	97	121078	10.652	ug/L	99
39) 2-Butanone	4.938	43	27255	10.859	ug/L	90
40) 1,1-Dichloropropene	4.938	75	104670	10.986	ug/L	99
41) Benzene	5.182	78	307519	11.991	ug/L	96
44) 1,2-Dichloroethane	5.394	62	100807	10.498	ug/L	97
48) Trichloroethene	5.768	95	79211	10.813	ug/L	99
50) Dibromomethane	6.205	93	41645	11.168	ug/L	97
51) 1,2-Dichloropropane	6.304	63	85341	10.909	ug/L	97
54) Bromodichloromethane	6.381	83	98645	10.748	ug/L	99
57) 1,4-Dioxane	6.593	88	15066	463.014	ug/L	88
58) cis-1,3-Dichloropropene	7.059	75	103040	9.972	ug/L	95
61) Toluene	7.313	92	181615	10.873	ug/L	99
62) 4-Methyl-2-pentanone	7.757	58	15902	9.327	ug/L	92
63) Tetrachloroethene	7.750	166	83360	10.394	ug/L	99
65) trans-1,3-Dichloropropene	7.807	75	85170	10.161	ug/L	97
68) 1,1,2-Trichloroethane	7.983	83	45724	11.118	ug/L	98
69) Chlorodibromomethane	8.195	129	70587	10.574	ug/L	99
70) 1,3-Dichloropropane	8.301	76	97302	11.261	ug/L	99
71) 1,2-Dibromoethane	8.456	107	53360	10.809	ug/L	98
72) 2-Hexanone	8.766	43	27152	9.767	ug/L	98
73) Chlorobenzene	9.098	112	212185	10.640	ug/L	98
74) Ethylbenzene	9.133	91	340040	10.581	ug/L	99
75) 1,1,1,2-Tetrachloroethane	9.183	131	74709	10.358	ug/L	99
76) p/m Xylene	9.324	106	267280	21.475	ug/L	99
77) o Xylene	9.867	106	261835	21.959	ug/L	100
78) Styrene	9.938	104	415582	21.554	ug/L	98
80) Bromoform	9.973	173	38852	9.288	ug/L	98
82) Isopropylbenzene	10.270	105	348483	10.750	ug/L	100
84) Bromobenzene	10.729	156	86541	10.777	ug/L	97
85) n-Propylbenzene	10.779	91	394602	10.535	ug/L	100
87) 1,1,2,2-Tetrachloroethane	10.892	83	60673	10.875	ug/L	97
88) 4-Ethyltoluene	10.906	105	338091	10.607	ug/L	99
89) 2-Chlorotoluene	10.949	91	236617M6	10.630	ug/L	
90) 1,3,5-Trimethylbenzene	11.012	105	288011	10.297	ug/L	99
91) 1,2,3-Trichloropropane	11.026	75	49226	11.123	ug/L	97
92) trans-1,4-Dichloro-2-b...	11.090	53	18450	9.329	ug/L	89

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A28.D
Acq On : 12 Mar 2025 6:24 pm
Operator : VOA105:JIC
Sample : WG2039666-7,31,10,10,,a2 (Sig #1); l2512368-10MSD,31,10,10,,a2 (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 13 07:17:54 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2025\250312A\V05250312A01.D
Sub List : 8260-NYTCL - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 4-Chlorotoluene	11.140	91	237389	10.339	ug/L	100
94) tert-Butylbenzene	11.366	119	256650	10.515	ug/L	99
97) 1,2,4-Trimethylbenzene	11.444	105	276116	10.354	ug/L	99
98) sec-Butylbenzene	11.557	105	357896	10.408	ug/L	99
99) p-Isopropyltoluene	11.720	119	319396	10.463	ug/L	99
100) 1,3-Dichlorobenzene	11.790	146	169268	10.480	ug/L	98
101) 1,4-Dichlorobenzene	11.882	146	171355	10.324	ug/L	99
102) p-Diethylbenzene	12.102	119	179974	10.044	ug/L	100
103) n-Butylbenzene	12.165	91	244814	10.133	ug/L	99
104) 1,2-Dichlorobenzene	12.314	146	153812	10.520	ug/L	100
105) 1,2,4,5-Tetramethylben...	12.908	119	253049	9.279	ug/L	100
106) 1,2-Dibromo-3-chloropr...	13.113	155	8953	9.733	ug/L	99
108) Hexachlorobutadiene	13.714	225	35407	9.406	ug/L	99
109) 1,2,4-Trichlorobenzene	13.743	180	91895	10.263	ug/L	99
110) Naphthalene	14.033	128	200795	11.187	ug/L	100
111) 1,2,3-Trichlorobenzene	14.202	180	81087	10.796	ug/L	99

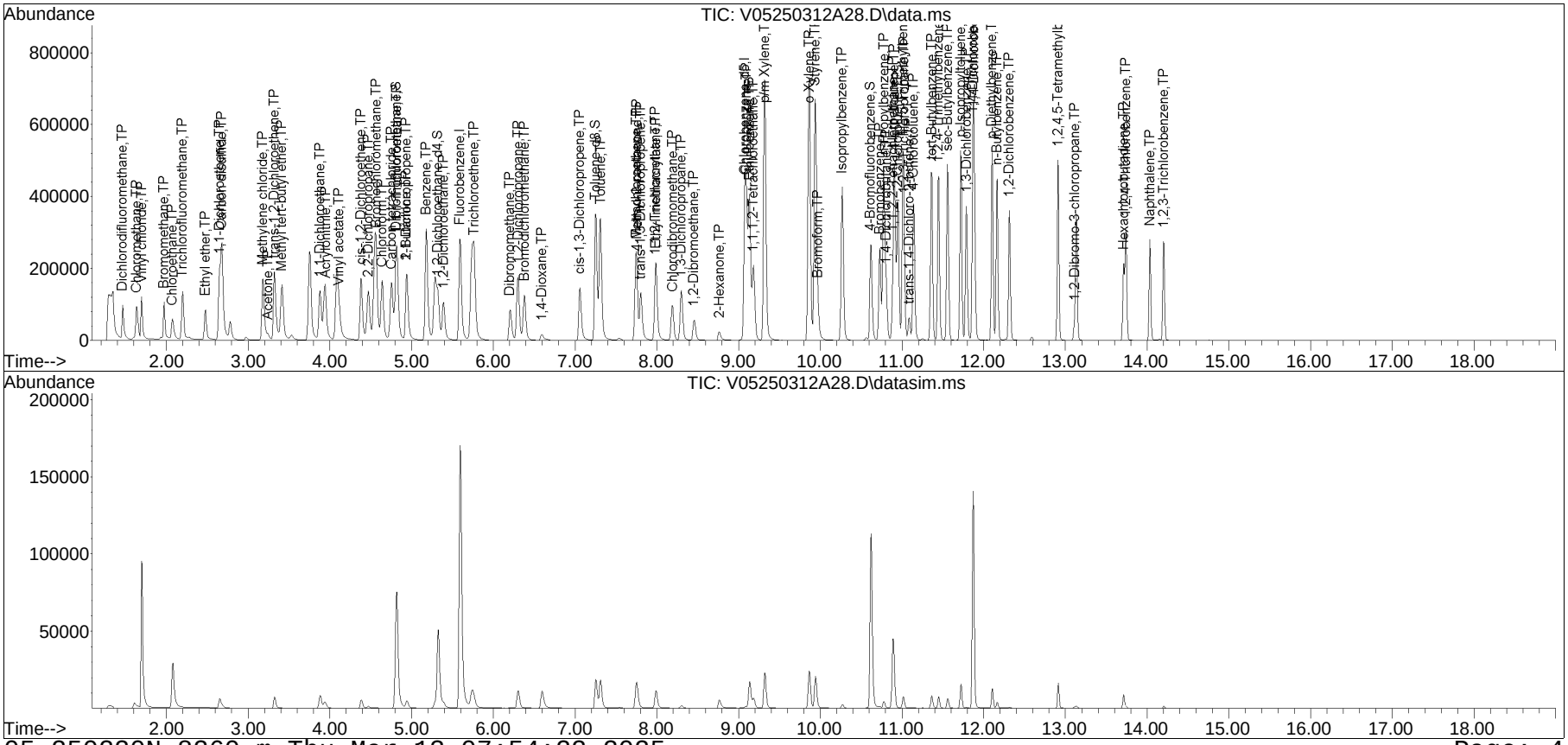
(#) = qualifier out of range (m) = manual integration (+) = signals summed

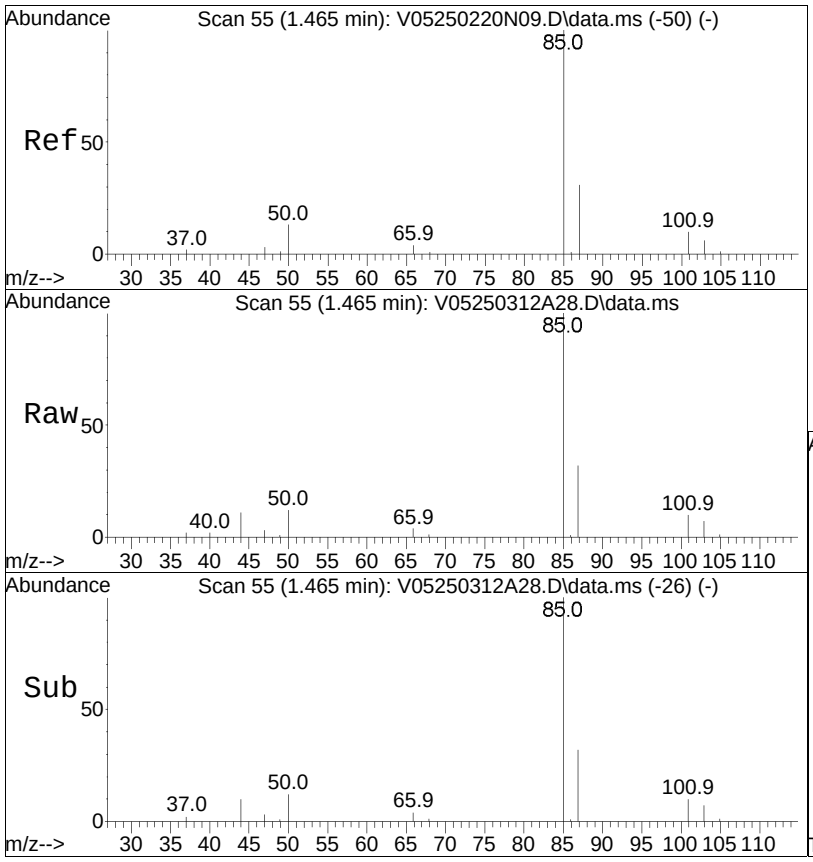
Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A28.D
Acq On : 12 Mar 2025 6:24 pm
Operator : VOA105:JIC
Sample : WG2039666-7,31,10,10,,a2 (Sig #1); l2512368-10MSD,31,10,10,,a2 (Sig #2)
Misc : WG2039666,ICAL22014 (Sig #1); WG,ICAL22014 (Sig #2)
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 13 07:17:54 2025
Quant Method : K:\VOA105\2025\250312A\V105_250220N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Feb 21 12:33:29 2025
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox250312A01.D•

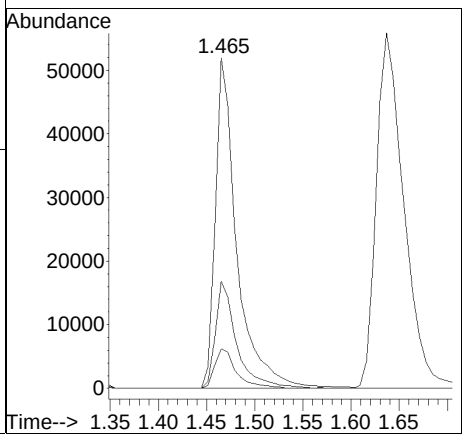


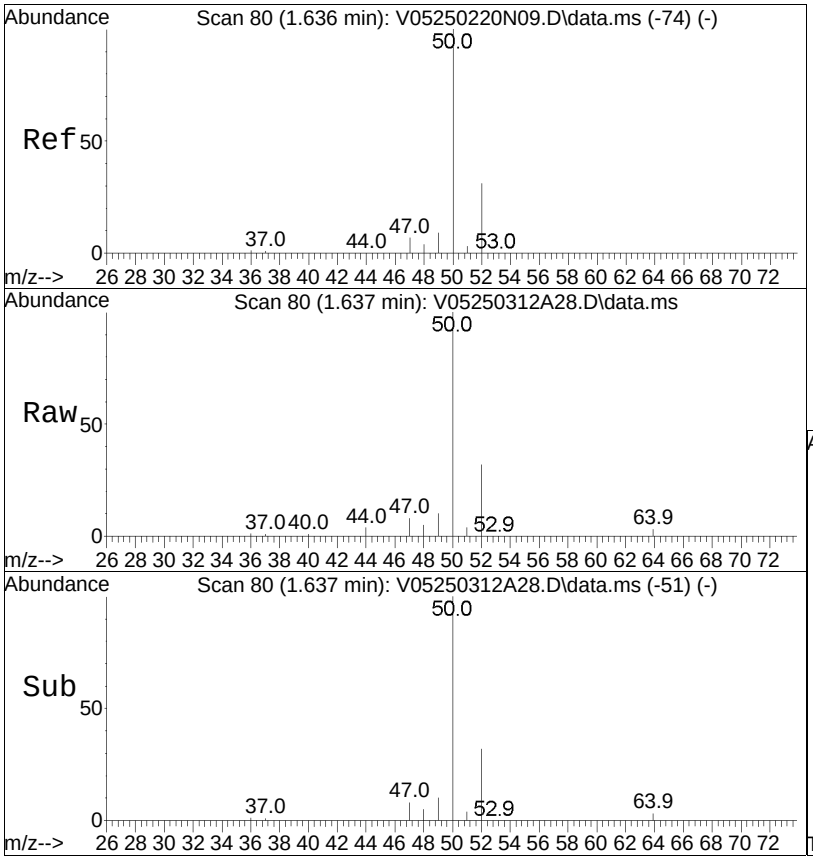


#2
Dichlorodifluoromethane
Concen: 8.96 ug/L
RT: 1.465 min Scan# 55
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 85 Resp: 80812

Ion	Ratio	Lower	Upper
85	100		
87	31.9	20.8	43.2
50	12.1	8.0	16.6

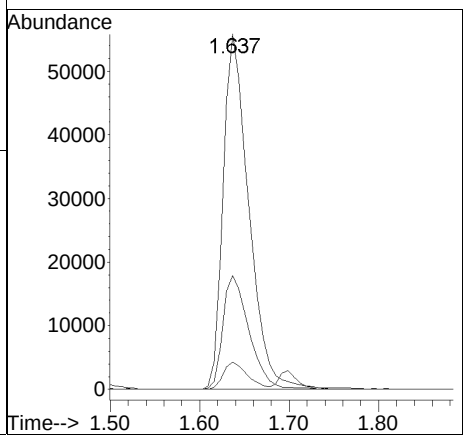


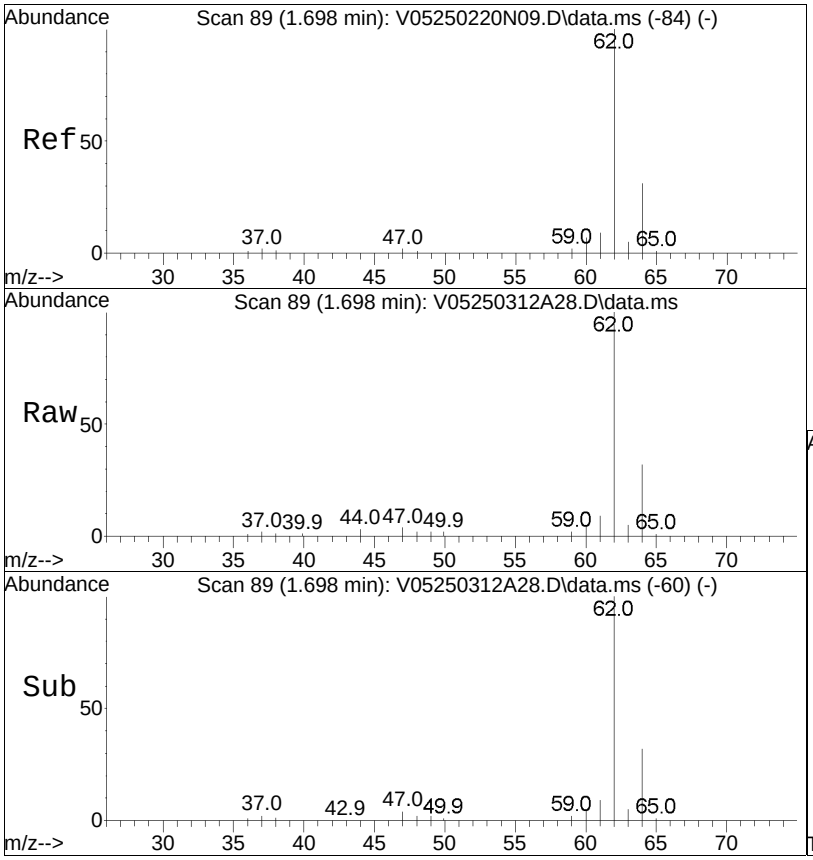


#3
Chloromethane
Concen: 9.65 ug/L
RT: 1.637 min Scan# 80
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 50 Resp: 112234

Ion	Ratio	Lower	Upper
50	100		
52	32.5	12.6	52.6
47	7.3	0.0	27.3

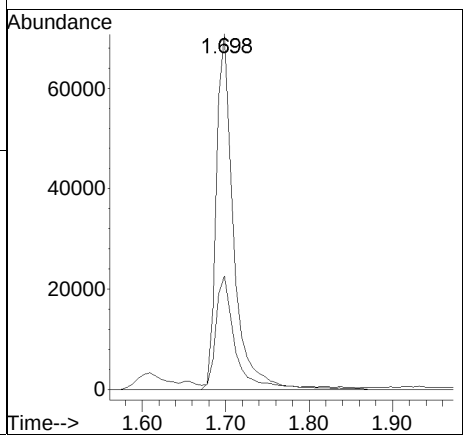


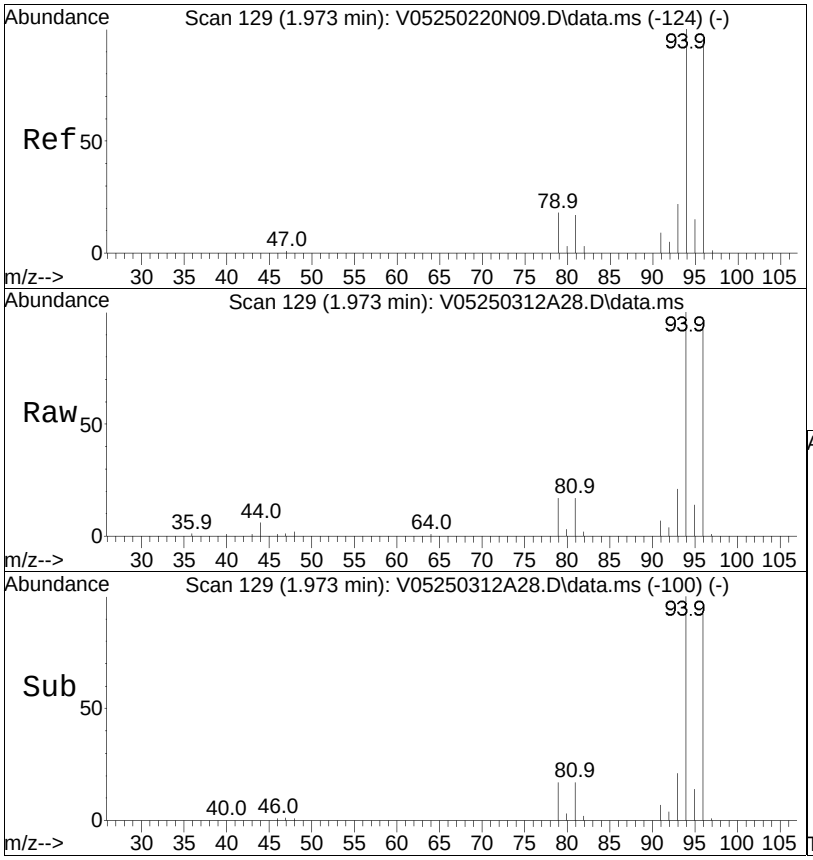


#4
Vinyl chloride
Concen: 13.10 ug/L
RT: 1.698 min Scan# 89
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 62 Resp: 102052

Ion	Ratio	Lower	Upper
62	100		
64	32.8	11.0	51.0

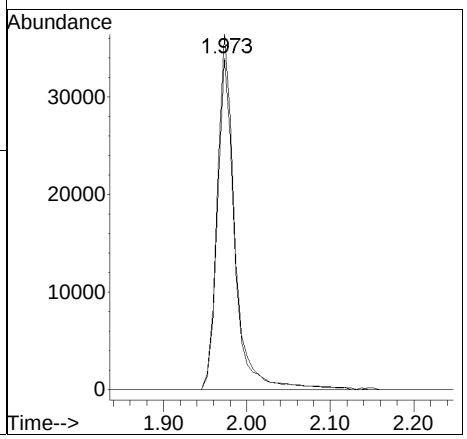


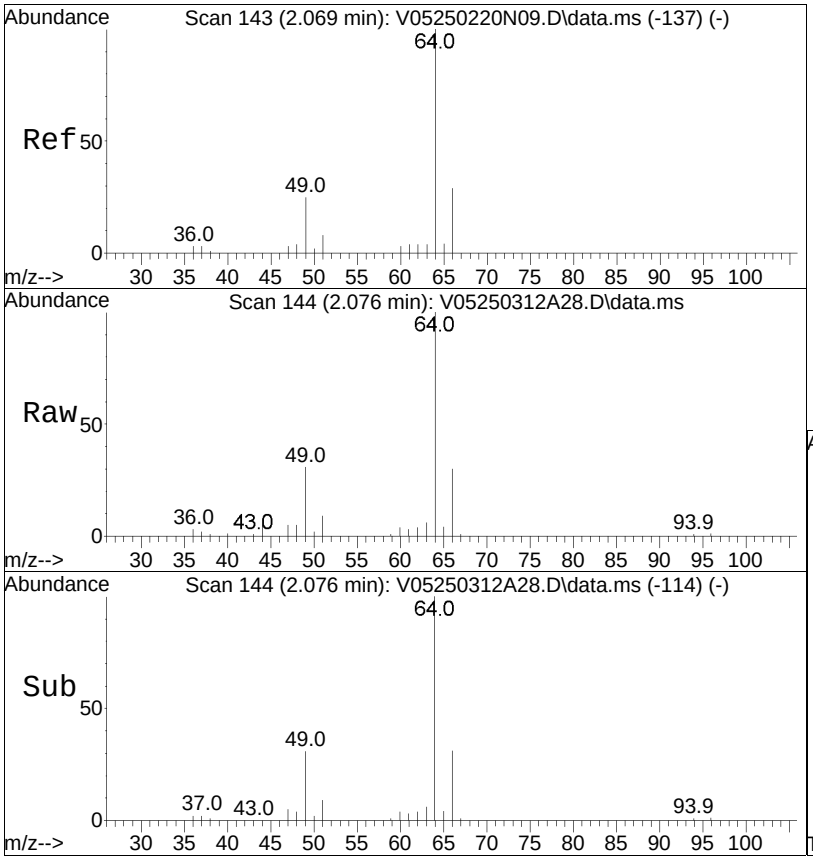


#5
Bromomethane
Concen: 15.33 ug/L
RT: 1.973 min Scan# 129
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 94 Resp: 53648

Ion	Ratio	Lower	Upper
94	100		
96	91.9	72.9	112.9

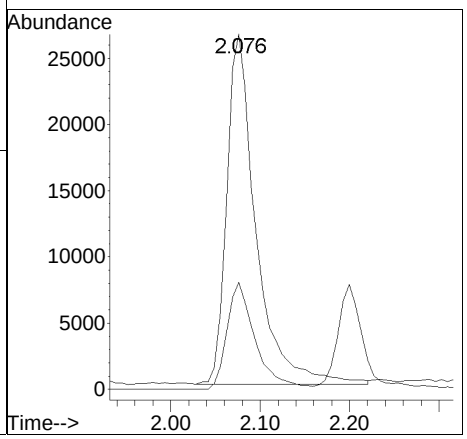


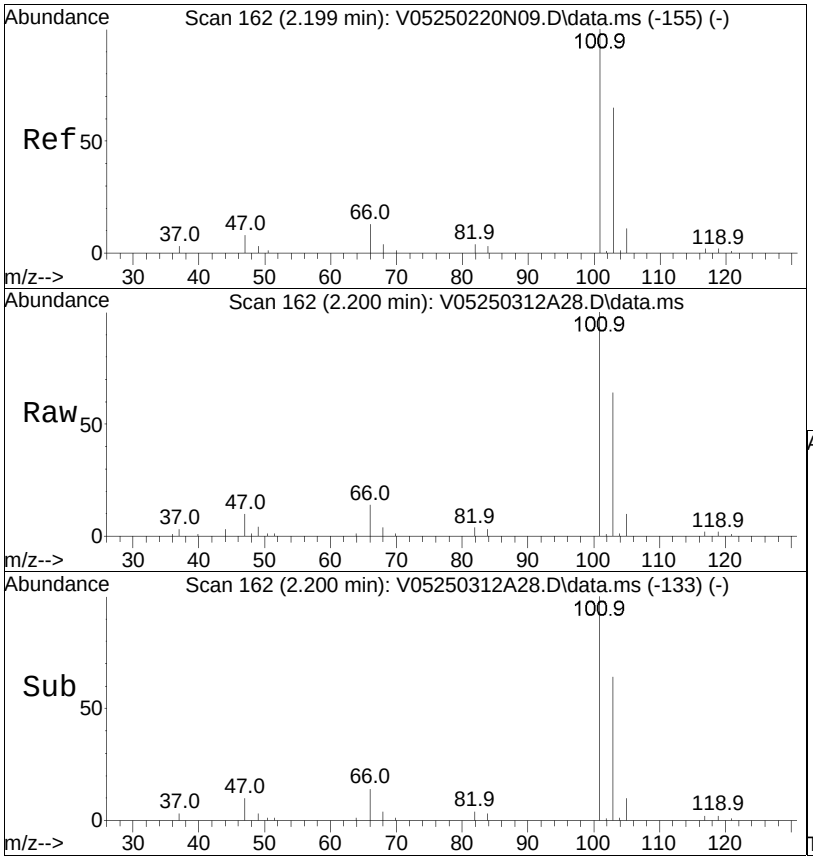


#6
Chloroethane
Concen: 15.31 ug/L
RT: 2.076 min Scan# 144
Delta R.T. 0.007 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 64 Resp: 59926

Ion	Ratio	Lower	Upper
64	100		
66	29.8	9.2	49.2

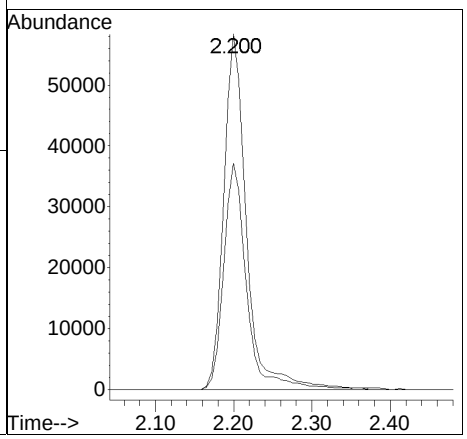


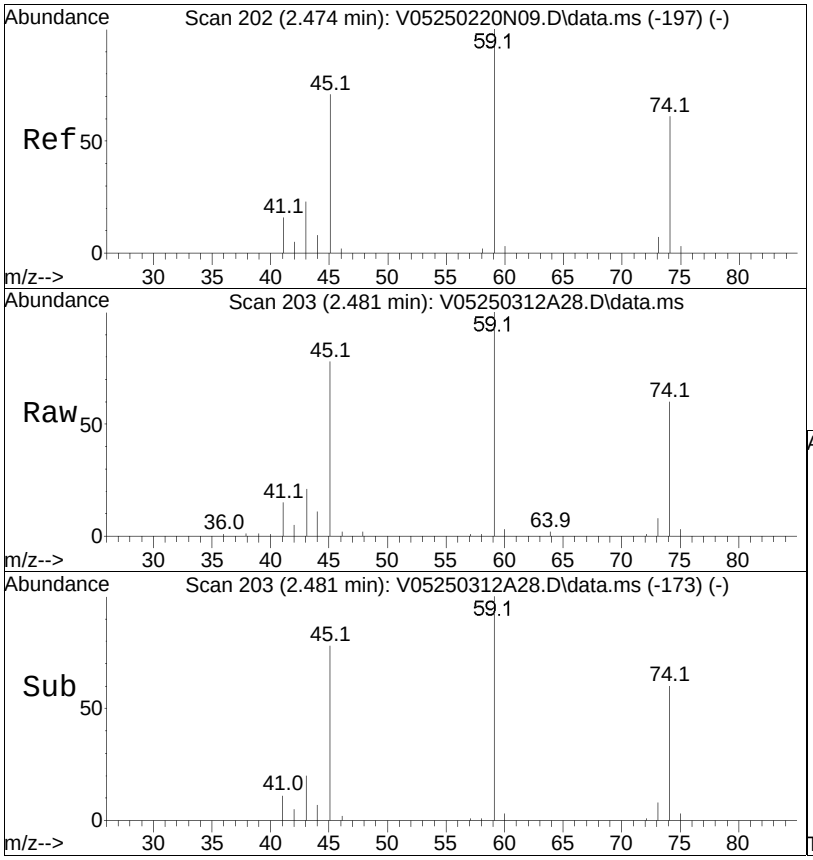


#7
Trichlorofluoromethane
Concen: 11.28 ug/L
RT: 2.200 min Scan# 162
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:101 Resp: 117842

Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.4	78.6

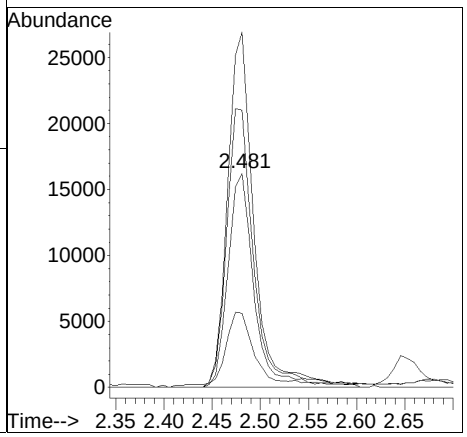


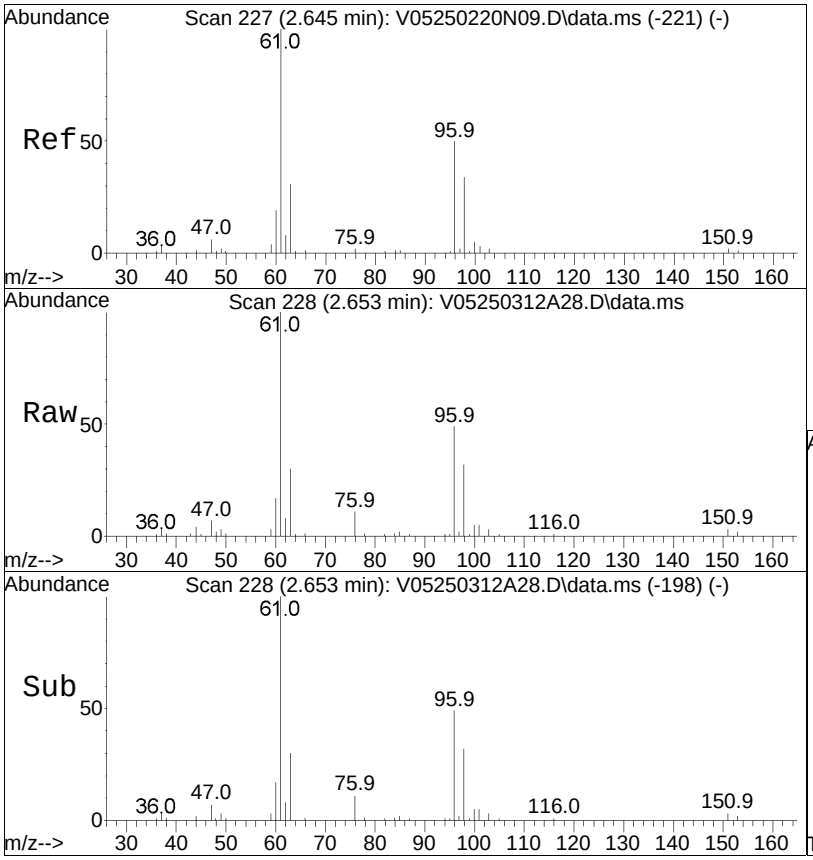


#8
Ethyl ether
Concen: 14.35 ug/L
RT: 2.481 min Scan# 203
Delta R.T. 0.007 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 74 Resp: 31080

Ion	Ratio	Lower	Upper
74	100		
59	166.6	111.5	231.7
45	136.1	78.1	162.3
43	40.8	26.7	55.4

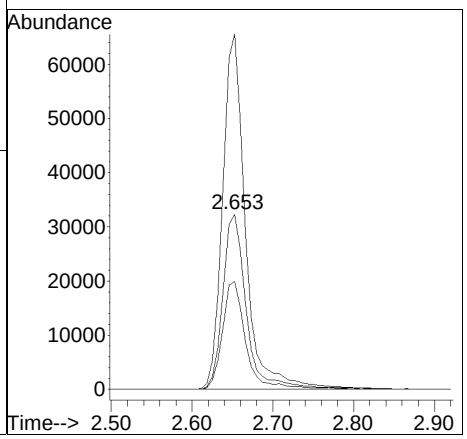


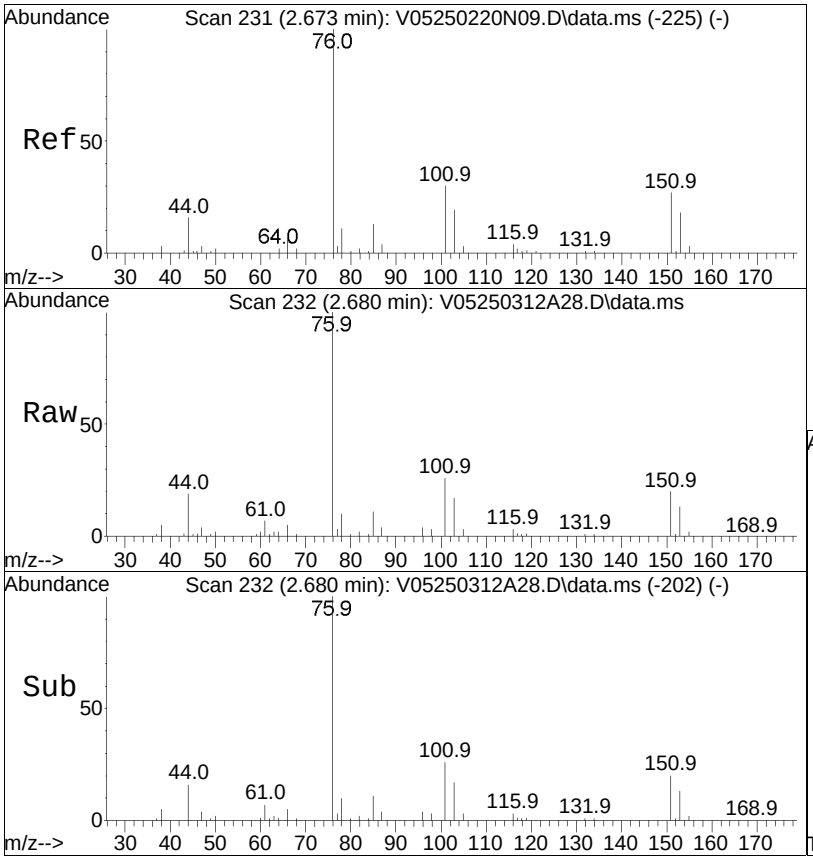


#10
1,1-Dichloroethene
Concen: 13.25 ug/L
RT: 2.653 min Scan# 228
Delta R.T. 0.008 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 96 Resp: 66063

Ion	Ratio	Lower	Upper
96	100		
61	196.6	156.0	234.0
63	60.5	47.4	71.2

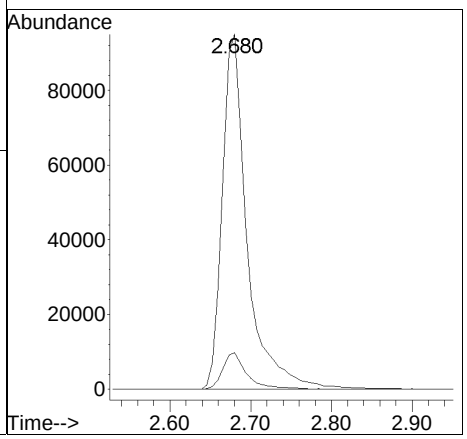


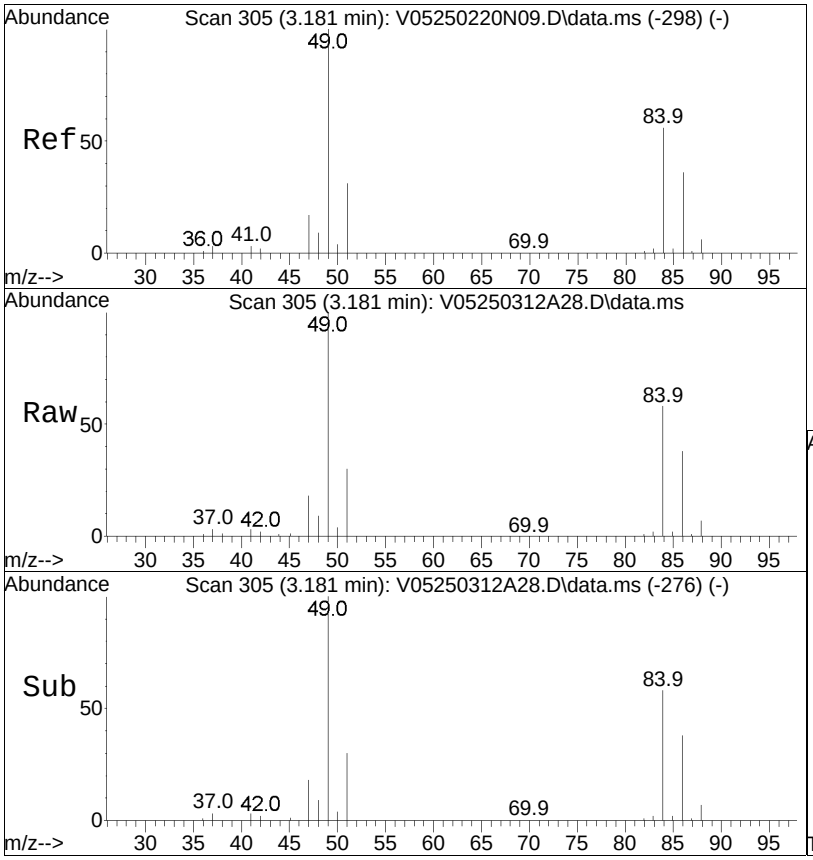


#11
Carbon disulfide
Concen: 13.30 ug/L
RT: 2.680 min Scan# 232
Delta R.T. 0.007 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 76 Resp: 204473

Ion	Ratio	Lower	Upper
76	100		
78	10.1	6.6	13.6

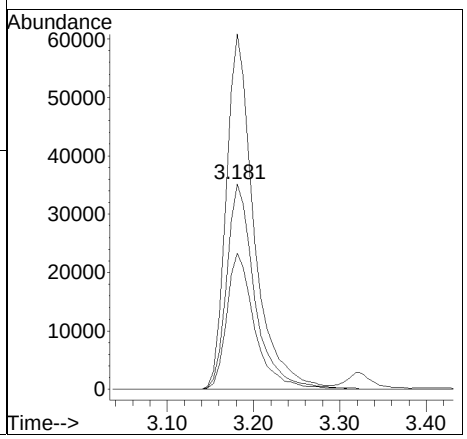


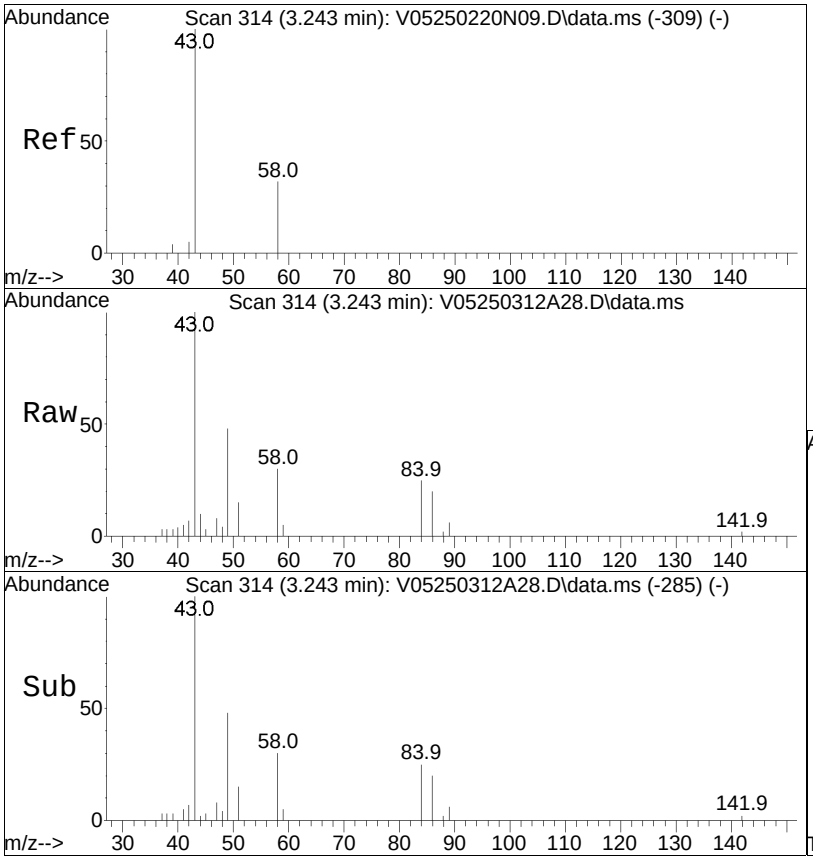


#15
Methylene chloride
Concen: 11.21 ug/L
RT: 3.181 min Scan# 305
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 84 Resp: 79734

Ion	Ratio	Lower	Upper
84	100		
86	66.5	41.3	85.7
49	170.9	115.6	240.2

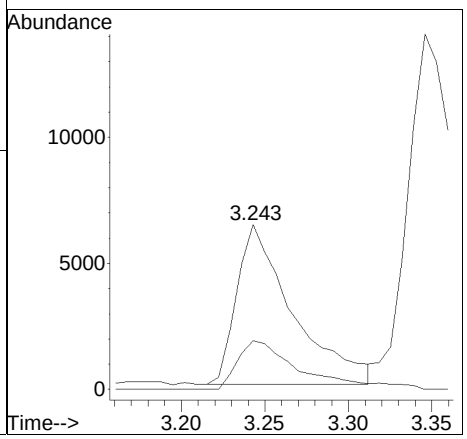


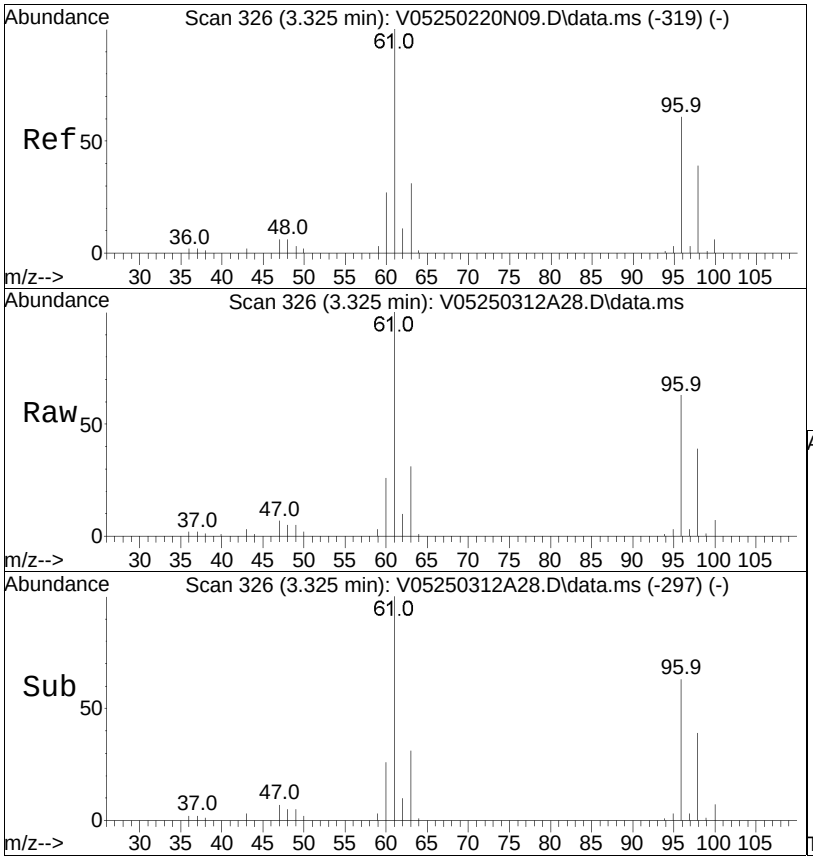


#17
Acetone
Concen: 10.15 ug/L
RT: 3.243 min Scan# 314
Delta R.T. -0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 43 Resp: 14759

Ion	Ratio	Lower	Upper
43	100		
58	34.5	26.9	40.3

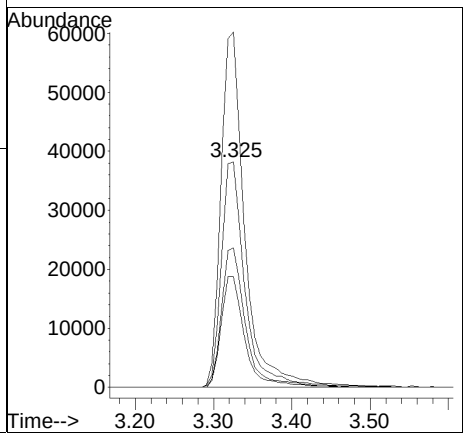


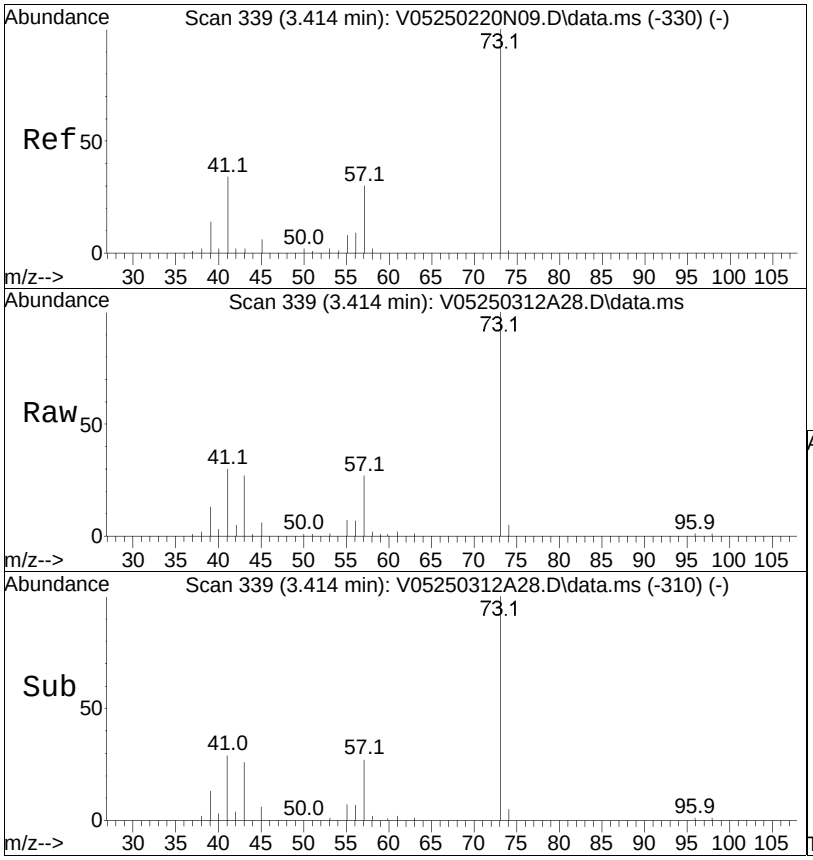


#18
trans-1,2-Dichloroethene
Concen: 11.95 ug/L
RT: 3.325 min Scan# 326
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 96 Resp: 81279

Ion	Ratio	Lower	Upper
96	100		
61	158.5	110.9	230.3
98	62.6	42.7	88.7
63	49.0	33.6	69.8

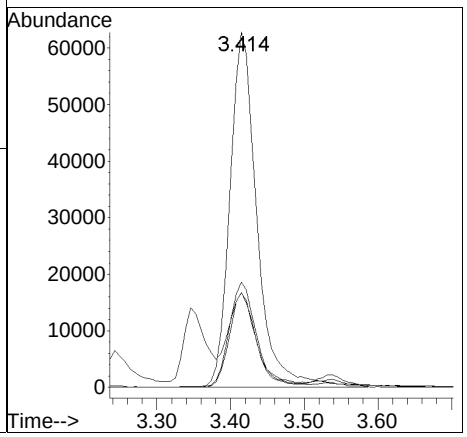


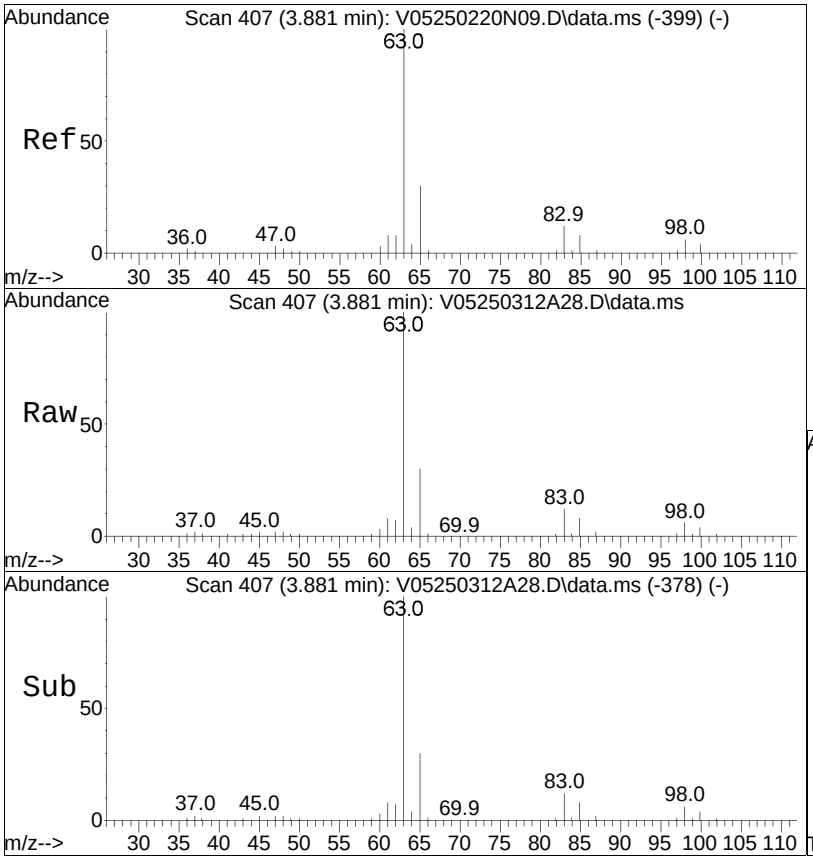


#20
Methyl tert-butyl ether
Concen: 11.68 ug/L
RT: 3.414 min Scan# 339
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 73 Resp: 161537

Ion	Ratio	Lower	Upper
73	100		
57	26.4	18.8	39.0
43	25.9	18.0	37.4
41	28.8	22.4	46.4

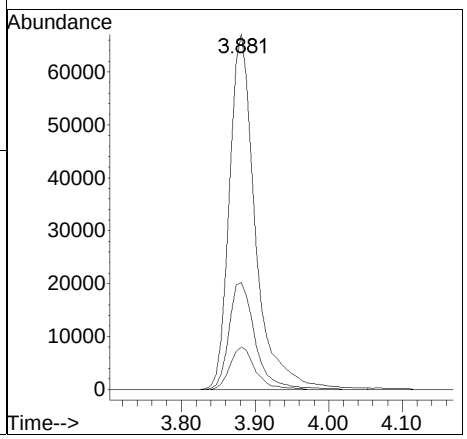


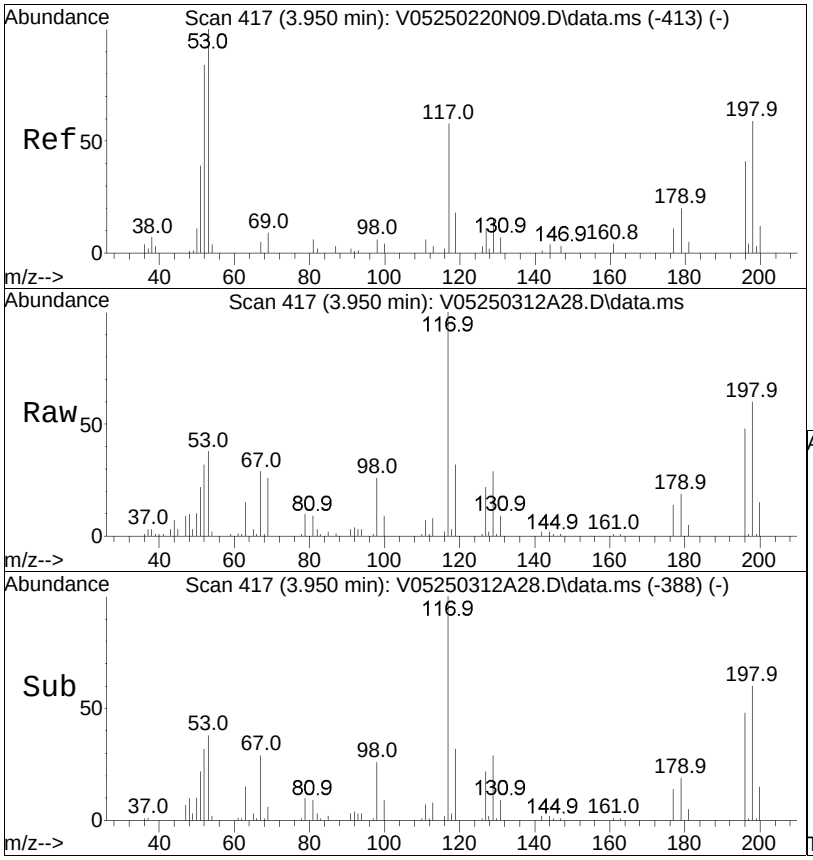


#23
1,1-Dichloroethane
Concen: 11.44 ug/L
RT: 3.881 min Scan# 407
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 63 Resp: 164979

Ion	Ratio	Lower	Upper
63	100		
65	30.3	9.5	49.5
83	11.6	0.0	31.7

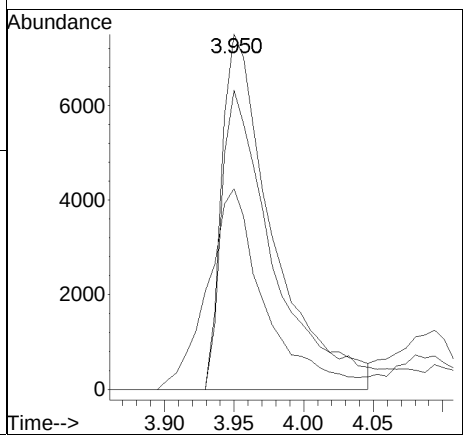


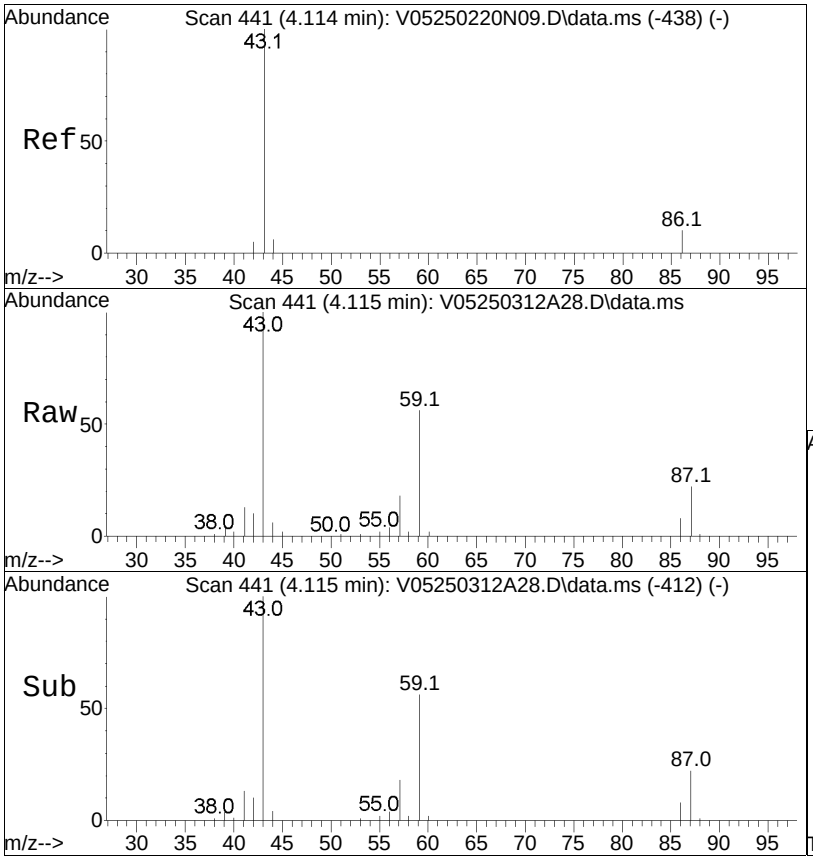


#25
Acrylonitrile
Concen: 9.70 ug/L
RT: 3.950 min Scan# 417
Delta R.T. -0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 53 Resp: 19221

Ion	Ratio	Lower	Upper
53	100		
52	90.4	69.2	103.8
51	63.4	49.0	73.6

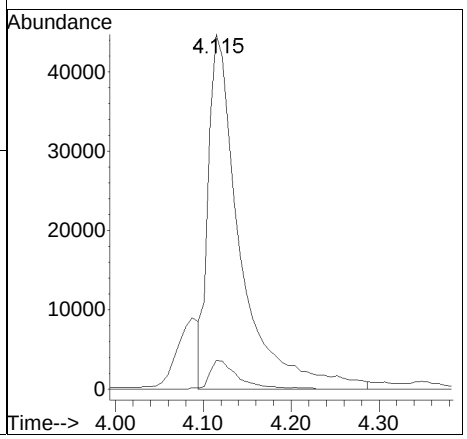


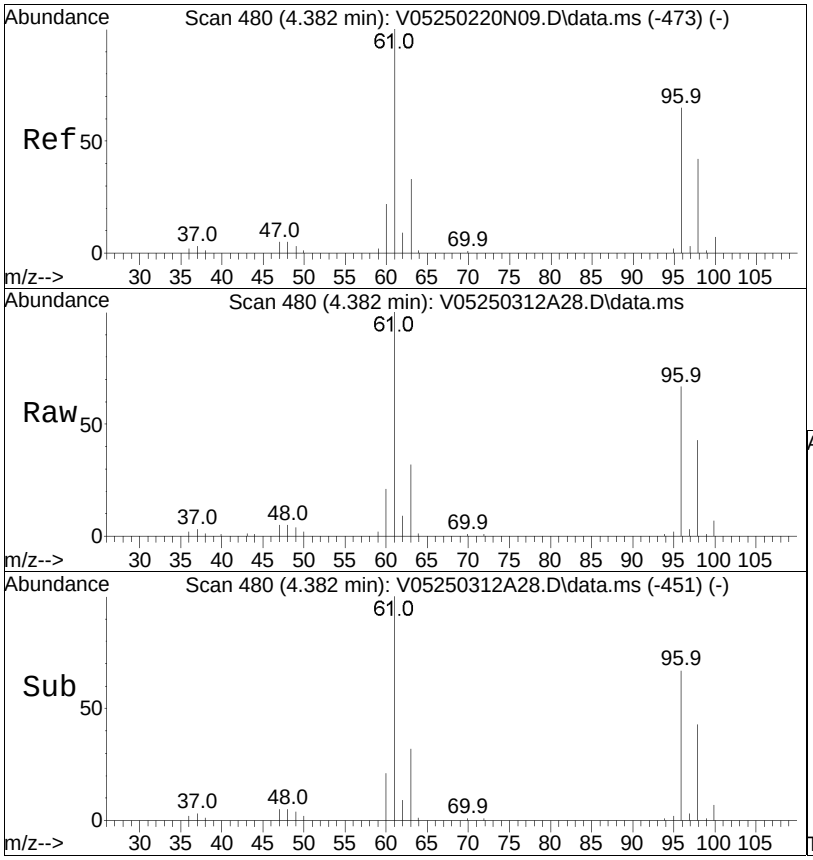


#27
Vinyl acetate
Concen: 8.81 ug/L M6
RT: 4.115 min Scan# 441
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 43 Resp: 113584

Ion	Ratio	Lower	Upper
43	100		
86	7.3	5.6	8.4

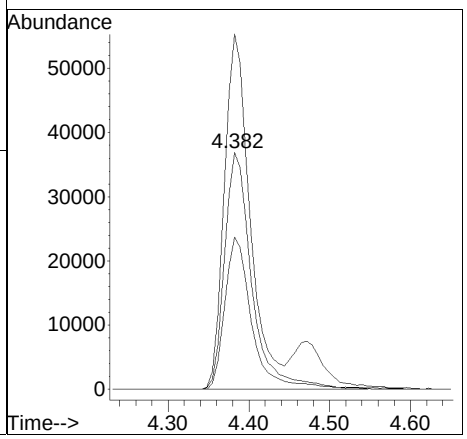


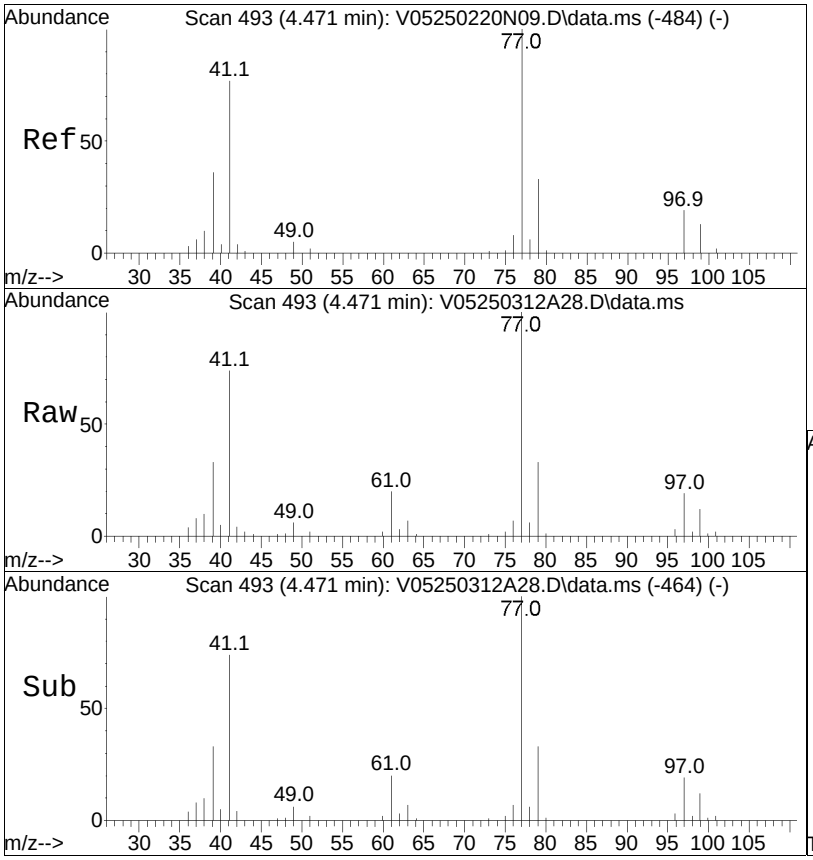


#28
cis-1,2-Dichloroethene
Concen: 11.82 ug/L
RT: 4.382 min Scan# 480
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 96 Resp: 87435

Ion	Ratio	Lower	Upper
96	100		
61	140.5	117.2	175.8
98	63.6	50.2	75.4

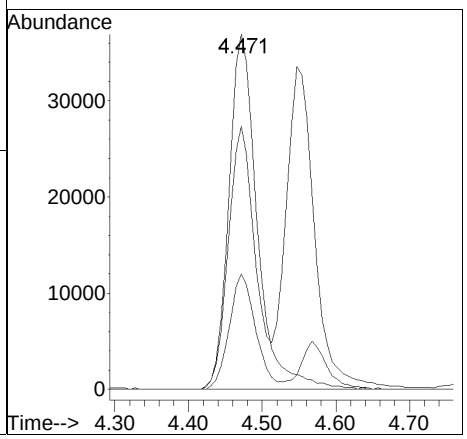


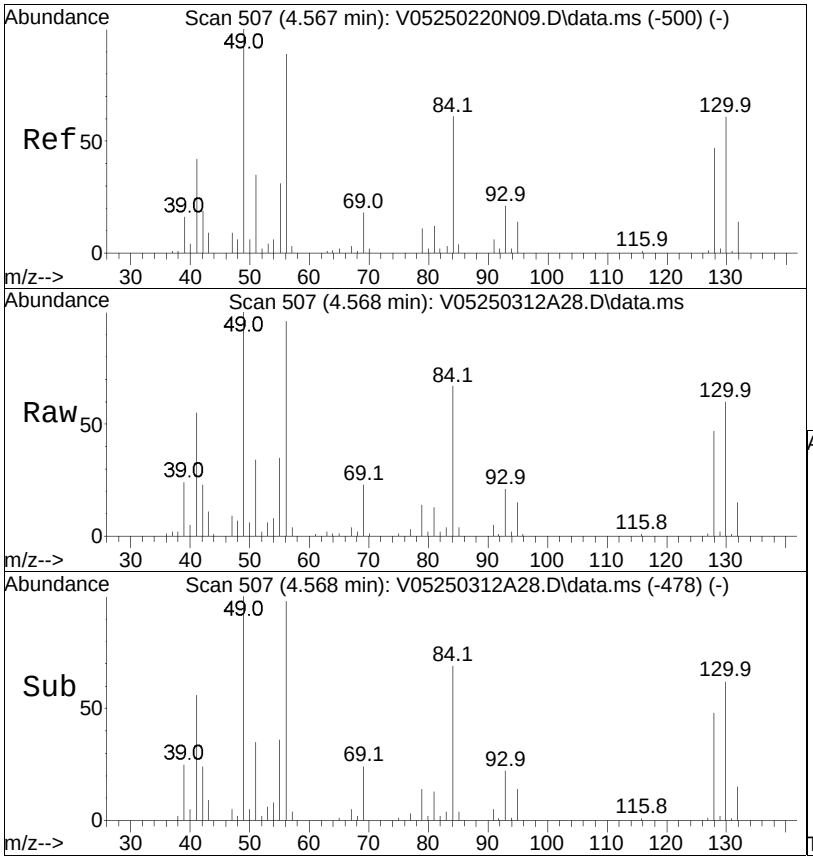


#29
2,2-Dichloropropane
Concen: 10.07 ug/L
RT: 4.471 min Scan# 493
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 77 Resp: 99149

Ion	Ratio	Lower	Upper
77	100		
41	69.6	47.8	99.4
79	30.3	20.0	41.6

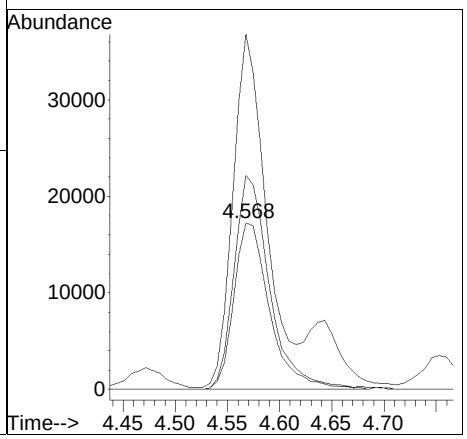


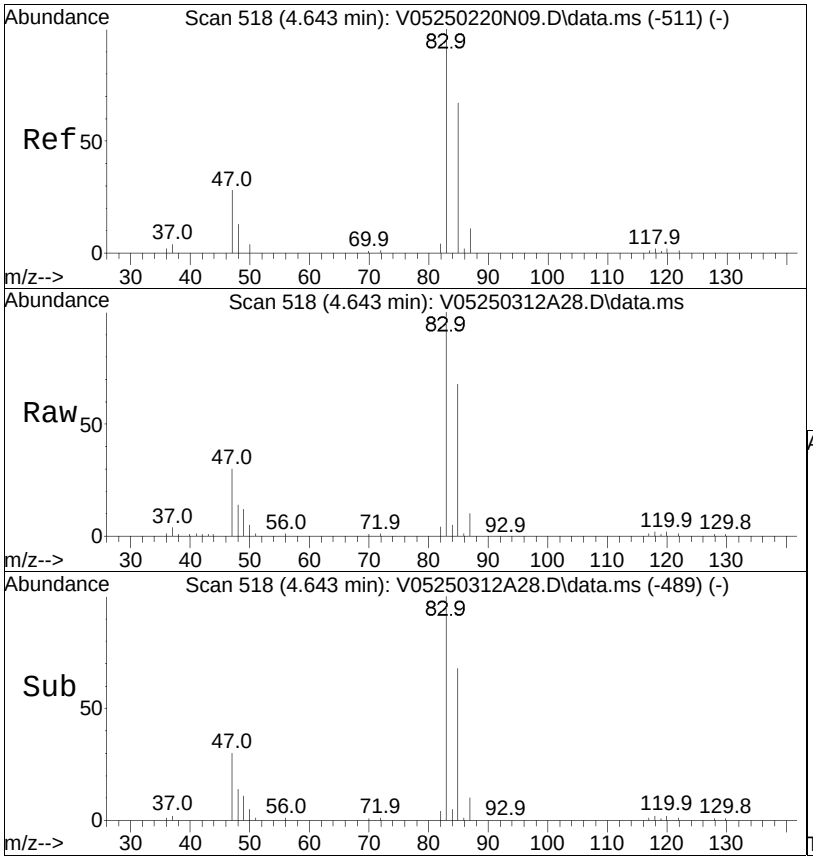


#30
Bromochloromethane
Concen: 11.44 ug/L
RT: 4.568 min Scan# 507
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:128 Resp: 41423

Ion	Ratio	Lower	Upper
128	100		
49	193.4	163.4	245.2
130	128.0	102.2	153.4

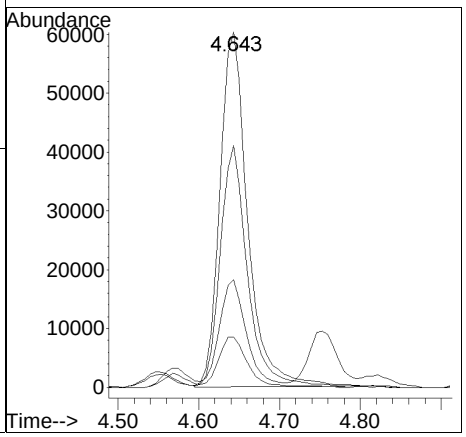


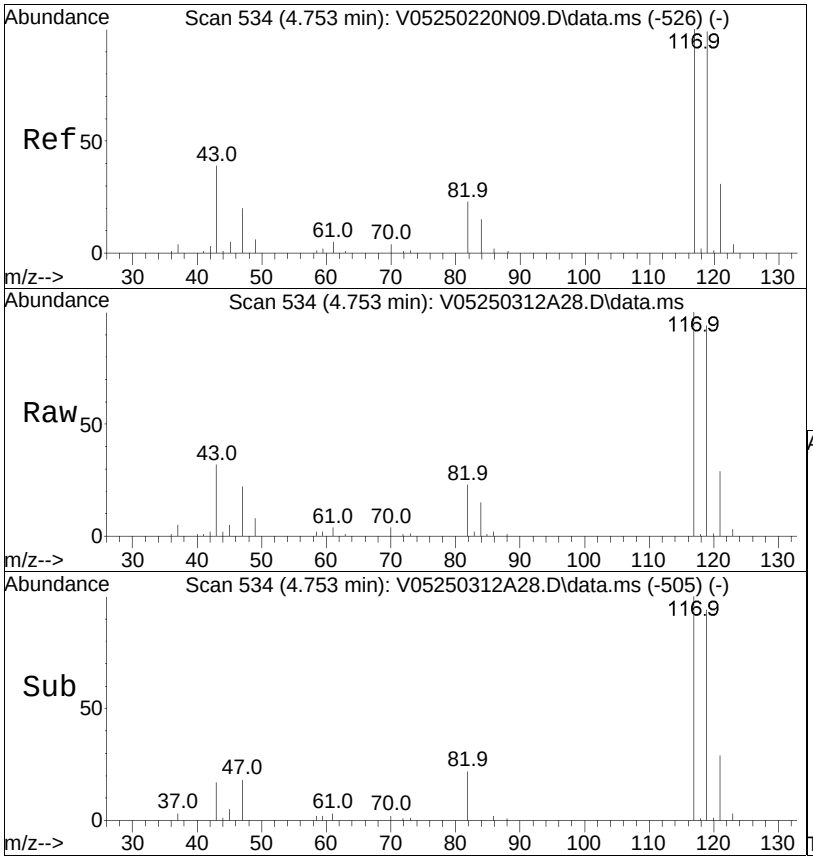


#32
Chloroform
Concen: 11.54 ug/L
RT: 4.643 min Scan# 518
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 83 Resp: 144359

Ion	Ratio	Lower	Upper
83	100		
85	67.5	43.0	89.2
47	26.7	17.6	36.6
48	13.9	9.6	19.8

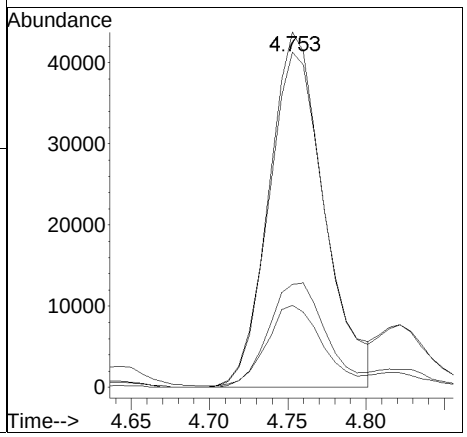


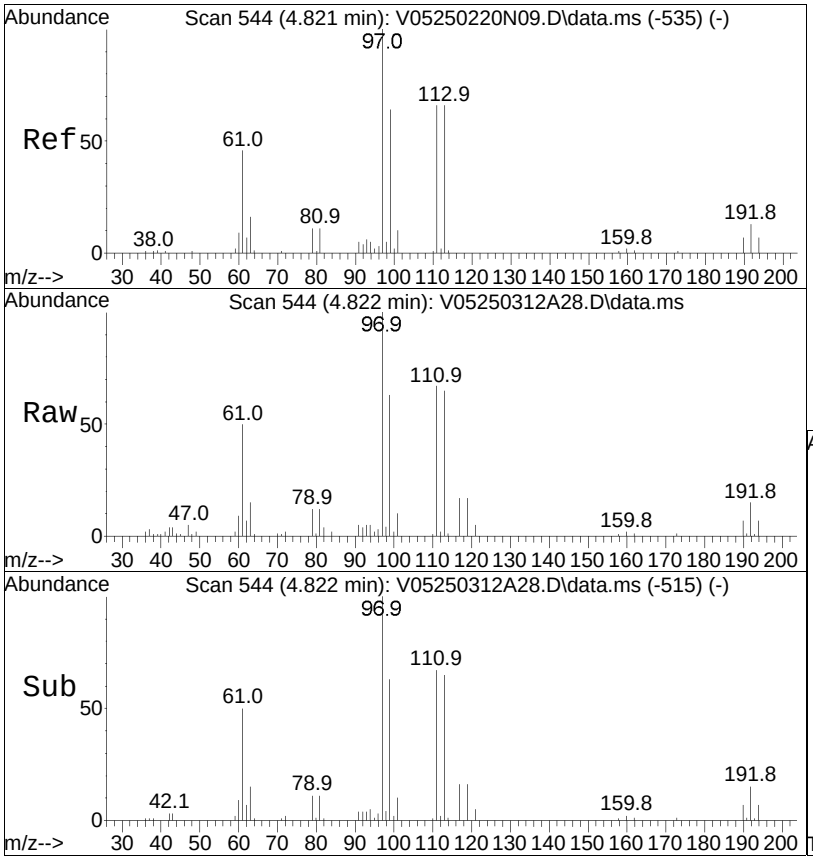


#34
Carbon tetrachloride
Concen: 10.35 ug/L
RT: 4.753 min Scan# 534
Delta R.T. -0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:117 Resp: 107941

Ion	Ratio	Lower	Upper
117	100		
119	96.2	64.0	133.0
121	30.8	20.8	43.2
82	23.0	14.6	30.4

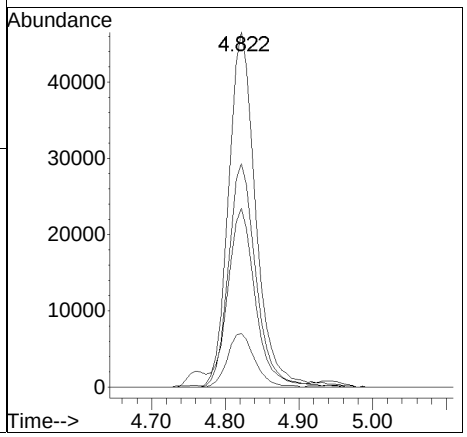


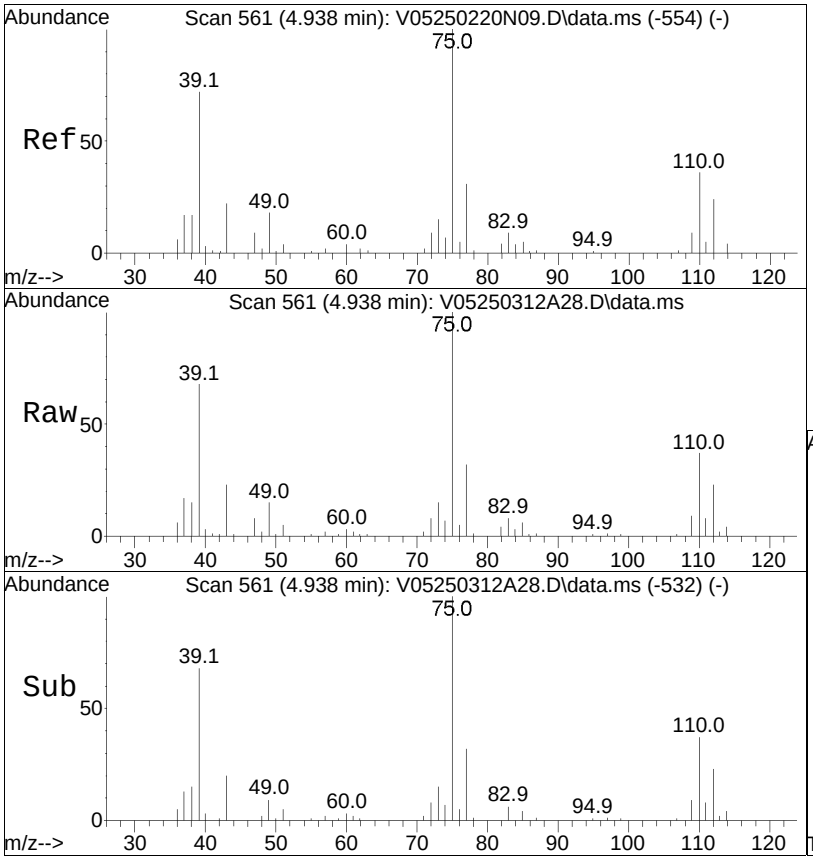


#37
1,1,1-Trichloroethane
Concen: 10.65 ug/L
RT: 4.822 min Scan# 544
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 97 Resp: 121078

Ion	Ratio	Lower	Upper
97	100		
99	63.2	41.6	86.4
61	50.6	33.5	69.5
63	15.3	10.1	20.9

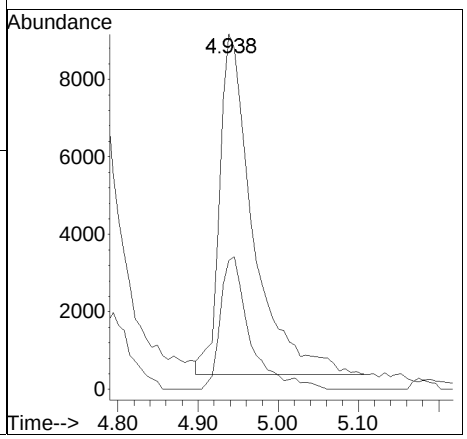


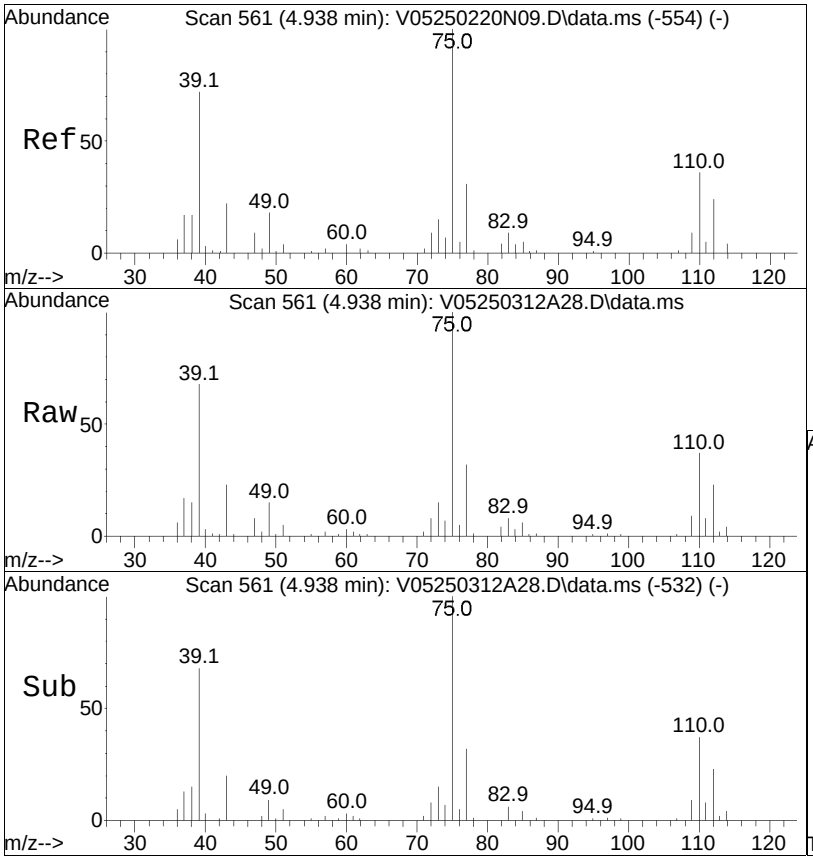


#39
2-Butanone
Concen: 10.86 ug/L
RT: 4.938 min Scan# 561
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 43 Resp: 27255

Ion	Ratio	Lower	Upper
43	100		
72	35.0	23.8	35.8

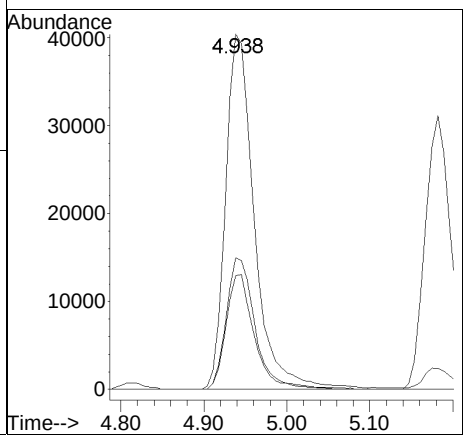


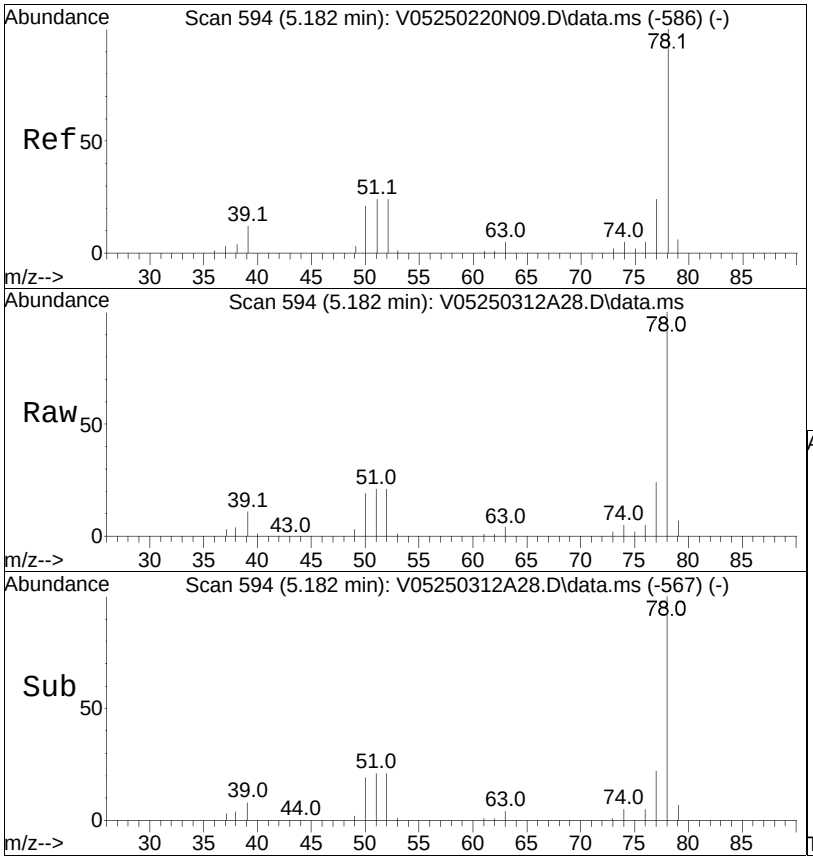


#40
1,1-Dichloropropene
Concen: 10.99 ug/L
RT: 4.938 min Scan# 561
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 75 Resp: 104670

Ion	Ratio	Lower	Upper
75	100		
110	37.5	24.6	51.0
77	32.0	20.5	42.7

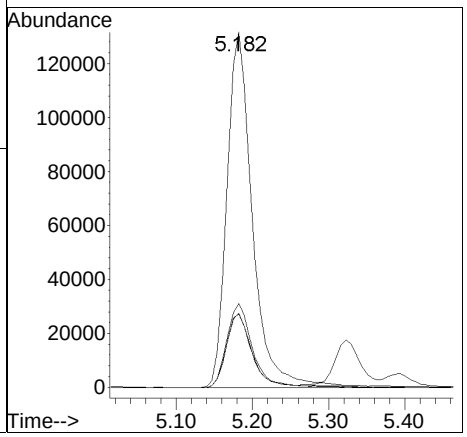


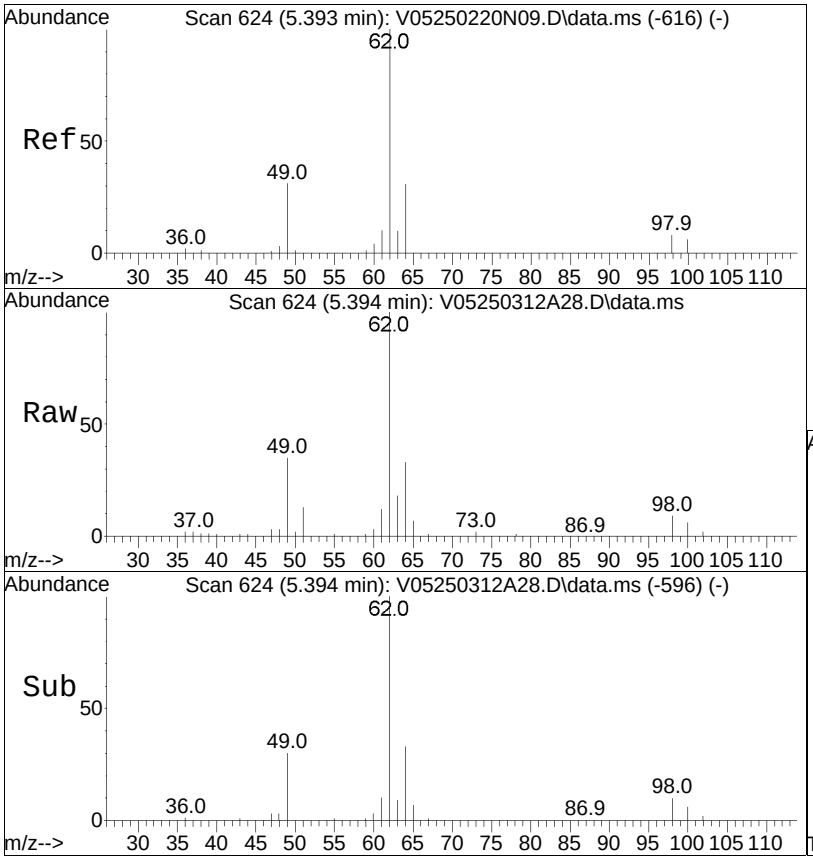


#41
Benzene
Concen: 11.99 ug/L
RT: 5.182 min Scan# 594
Delta R.T. -0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 78 Resp: 307519

Ion	Ratio	Lower	Upper
78	100		
77	23.9	15.5	32.3
51	20.6	15.1	31.5
52	20.7	15.3	31.7

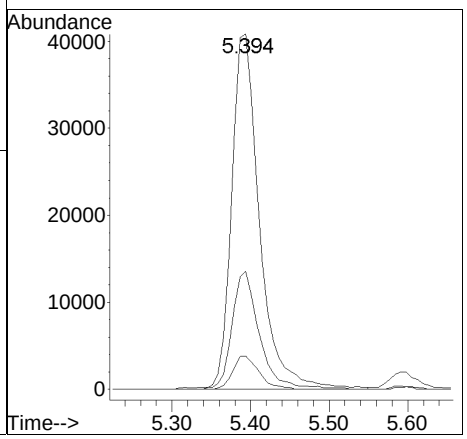


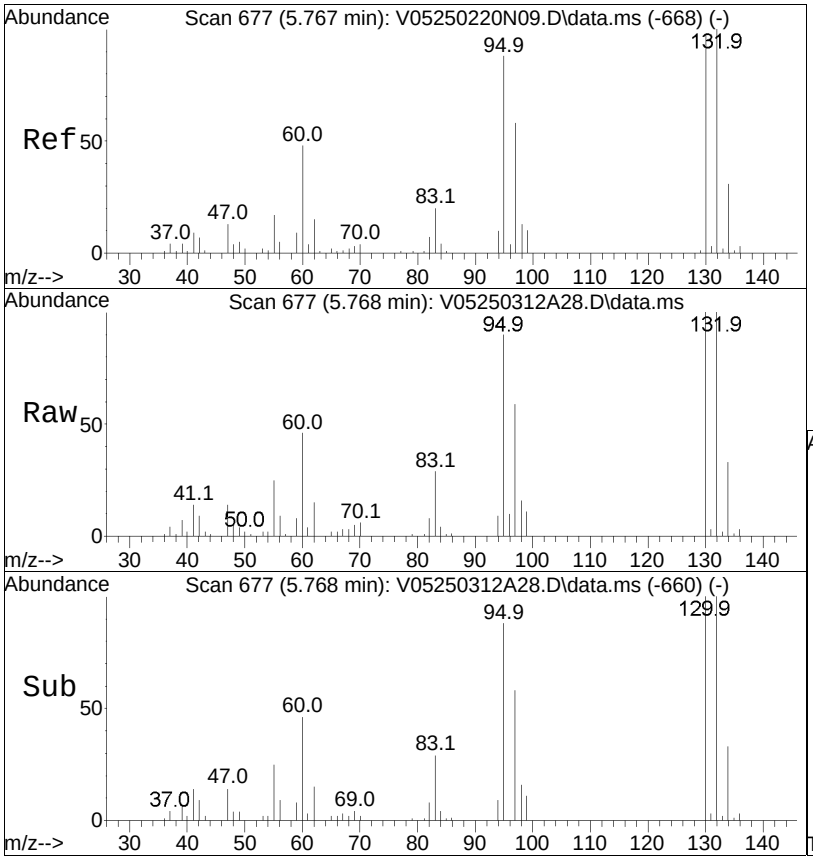


#44
1,2-Dichloroethane
Concen: 10.50 ug/L
RT: 5.394 min Scan# 624
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 62 Resp: 100807

Ion	Ratio	Lower	Upper
62	100		
64	32.8	11.3	51.3
98	8.9	0.0	27.9

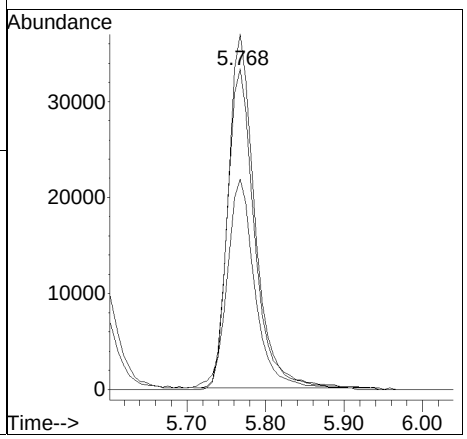


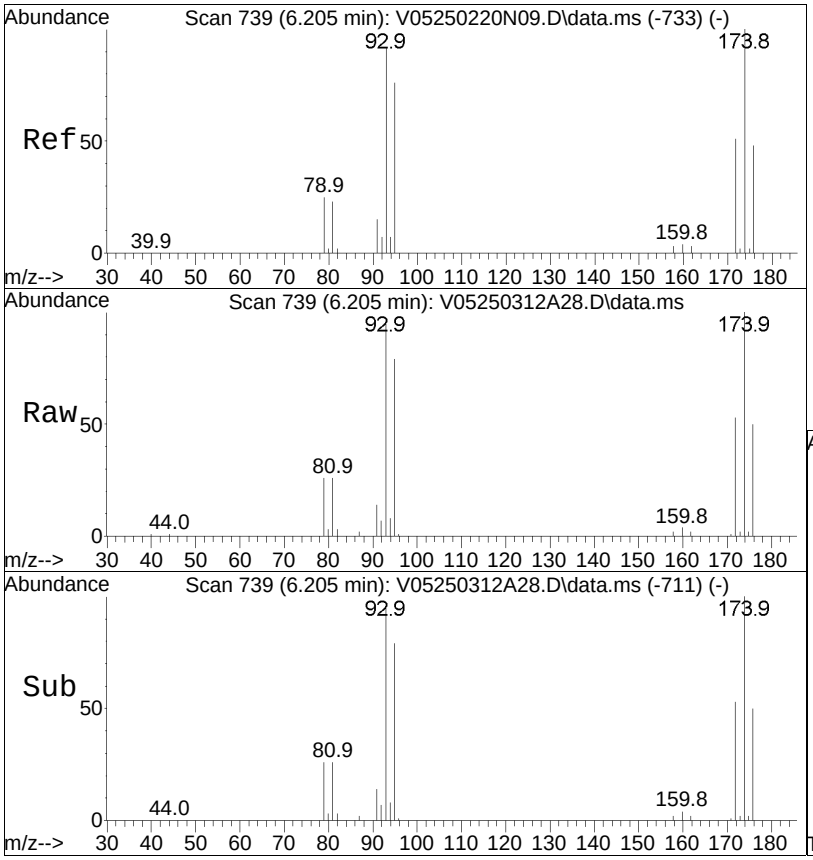


#48
Trichloroethene
Concen: 10.81 ug/L
RT: 5.768 min Scan# 677
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 95 Resp: 79211

Ion	Ratio	Lower	Upper
95	100		
97	69.7	55.8	83.8
130	111.7	90.5	135.7

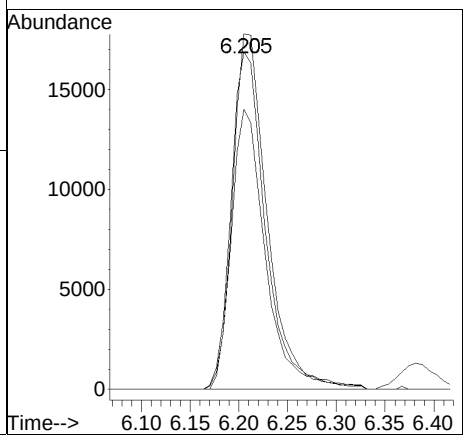


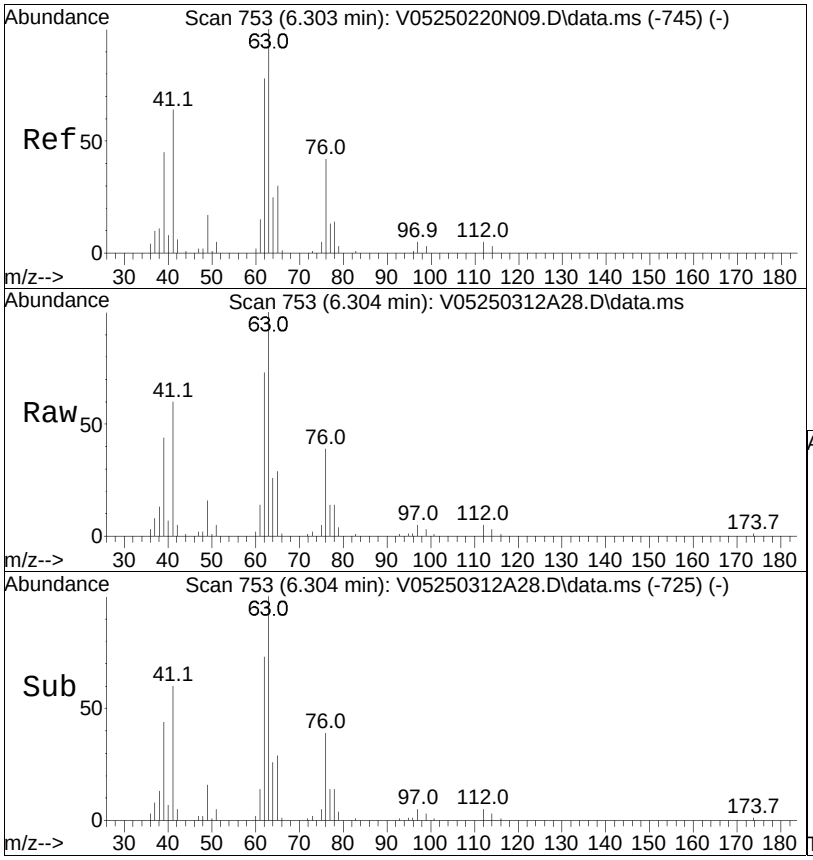


#50
Dibromomethane
Concen: 11.17 ug/L
RT: 6.205 min Scan# 739
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 93 Resp: 41645

Ion	Ratio	Lower	Upper
93	100		
95	82.8	65.6	98.4
174	105.9	88.2	132.2

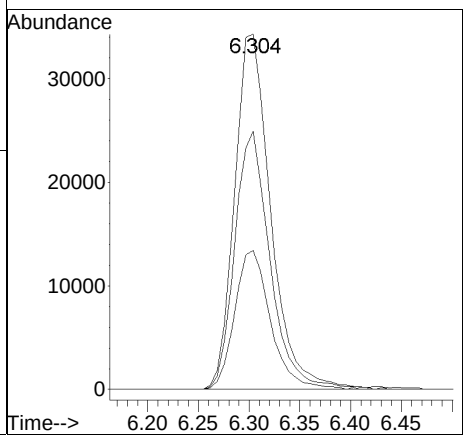


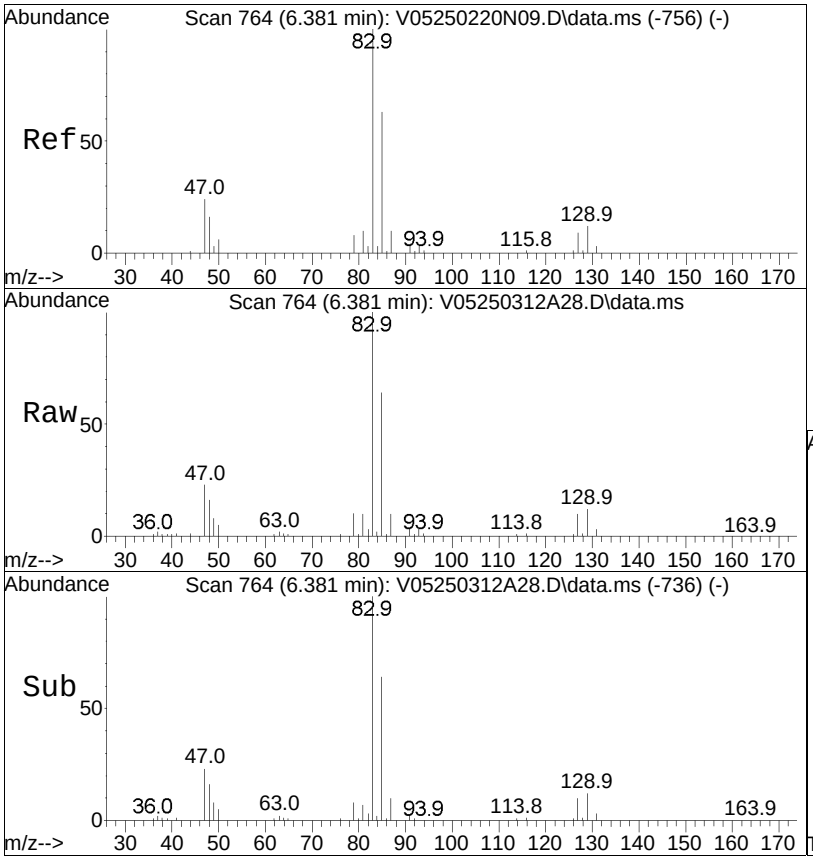


#51
1,2-Dichloropropane
Concen: 10.91 ug/L
RT: 6.304 min Scan# 753
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 63 Resp: 85341

Ion	Ratio	Lower	Upper
63	100		
62	71.0	59.3	88.9
76	38.7	31.2	46.8

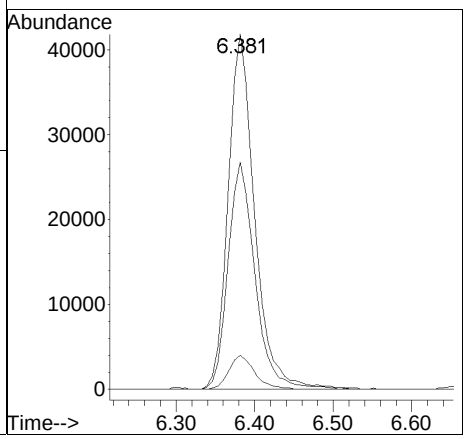


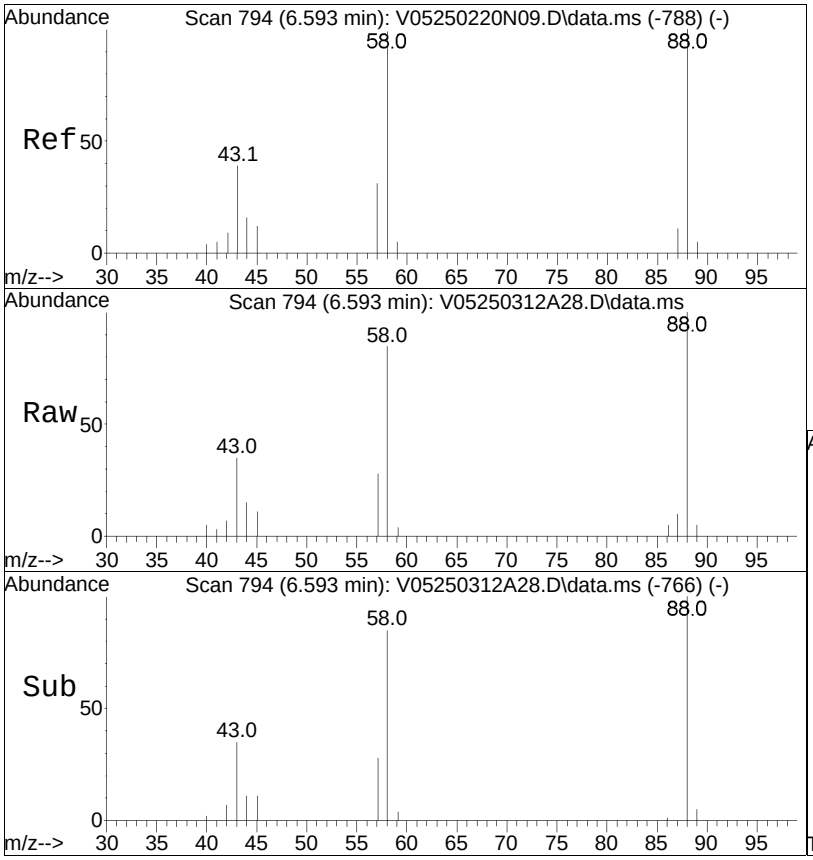


#54
Bromodichloromethane
Concen: 10.75 ug/L
RT: 6.381 min Scan# 764
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 83 Resp: 98645

Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.2	76.8
127	9.4	7.4	11.0

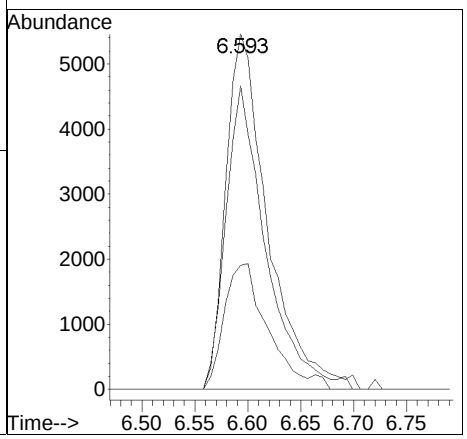


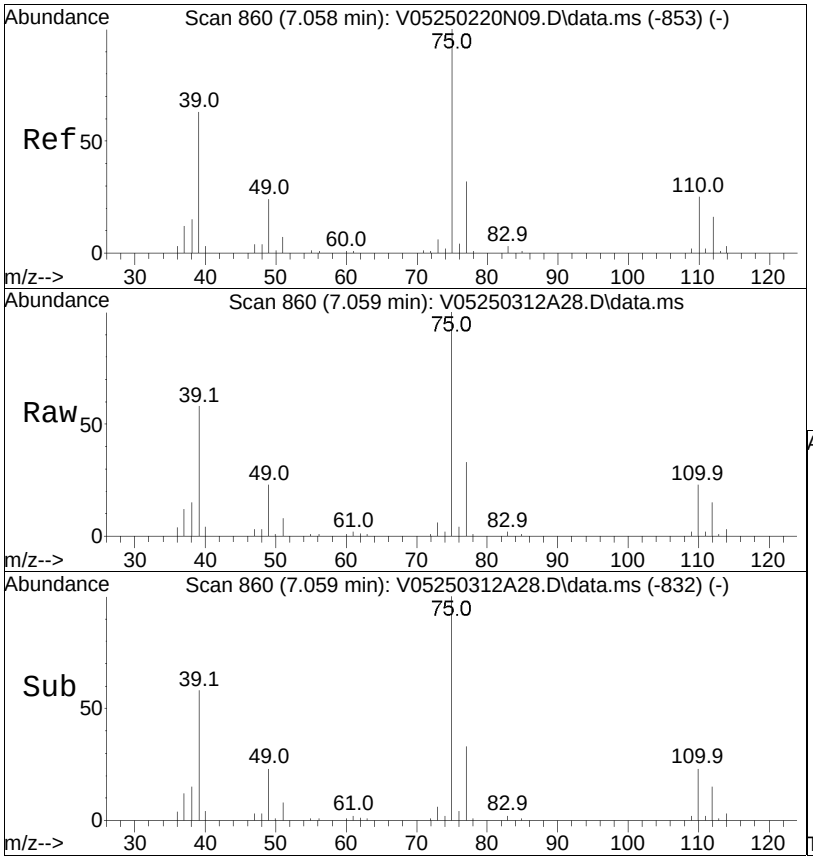


#57
1,4-Dioxane
Concen: 463.01 ug/L
RT: 6.593 min Scan# 794
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 88 Resp: 15066

Ion	Ratio	Lower	Upper
88	100		
58	81.3	77.2	115.8
43	36.9	30.3	45.5

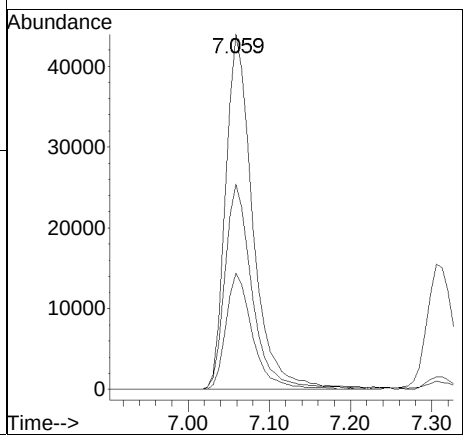


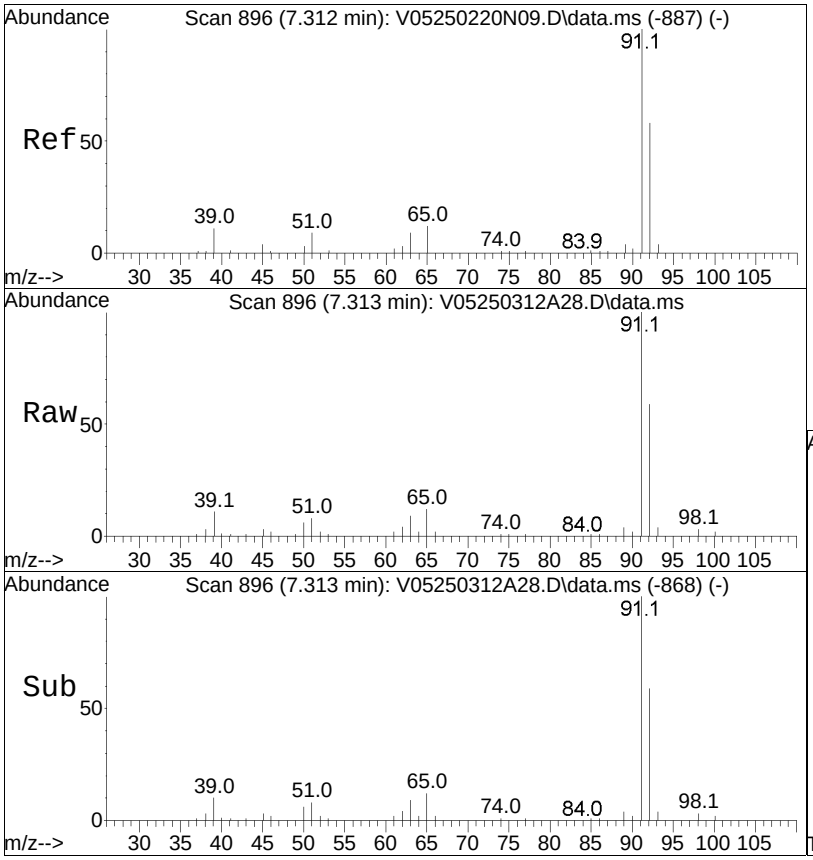


#58
cis-1,3-Dichloropropene
Concen: 9.97 ug/L
RT: 7.059 min Scan# 860
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 75 Resp: 103040

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.7	38.5
39	58.0	50.7	76.1

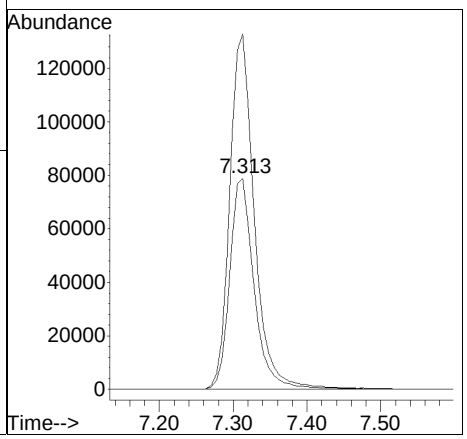


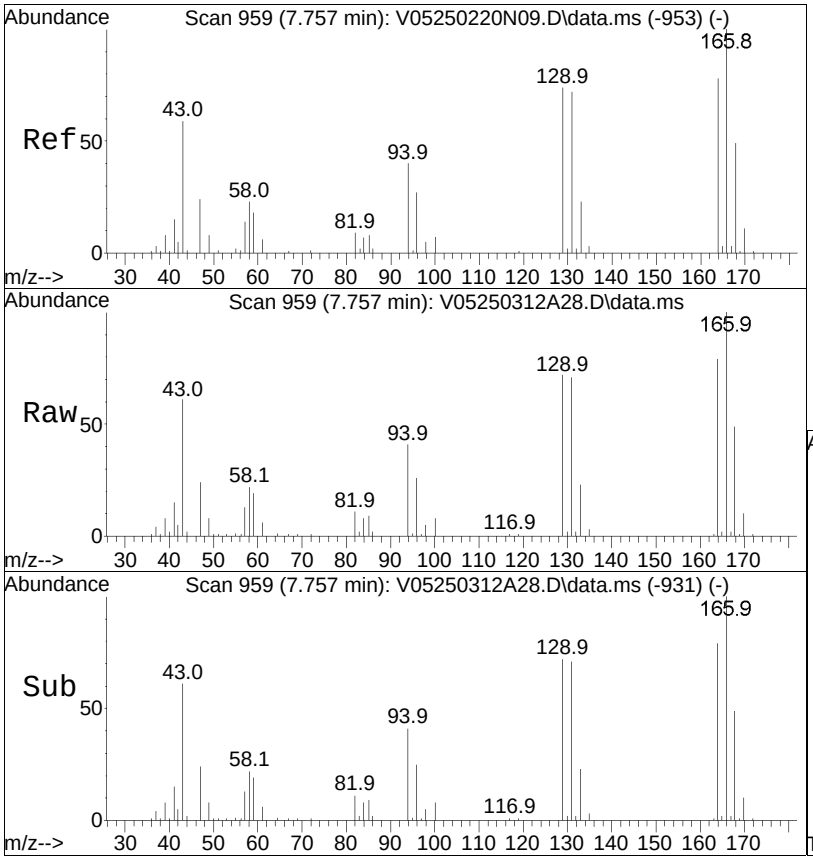


#61
Toluene
Concen: 10.87 ug/L
RT: 7.313 min Scan# 896
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 92 Resp: 181615

Ion	Ratio	Lower	Upper
92	100		
91	169.3	136.2	204.4

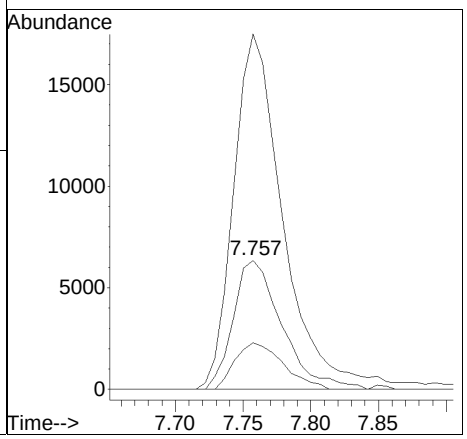


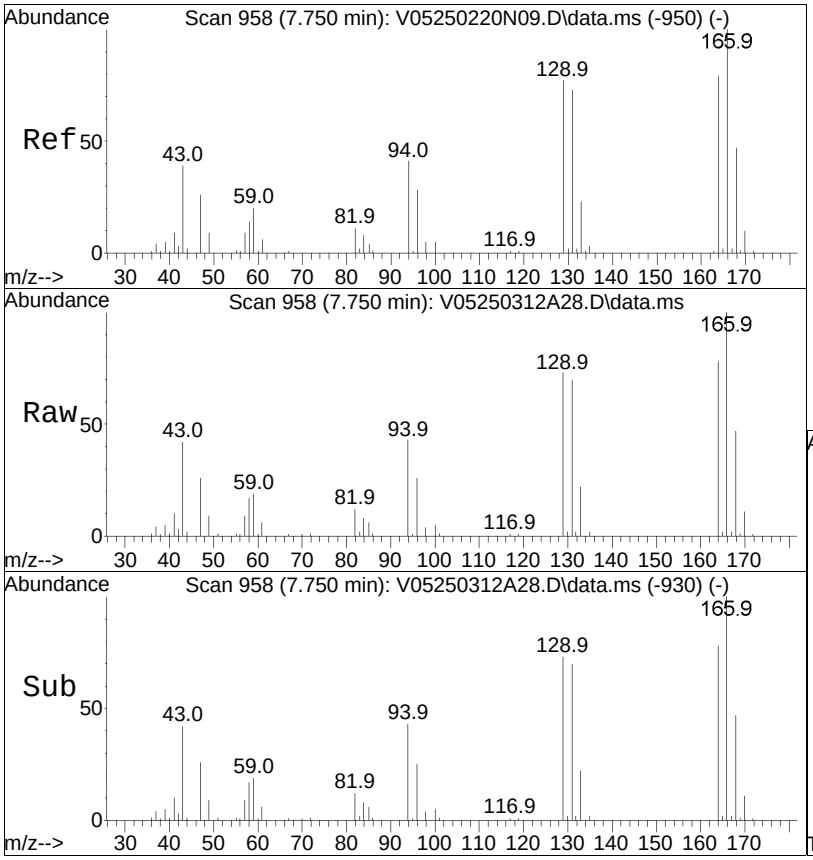


#62
4-Methyl-2-pentanone
Concen: 9.33 ug/L
RT: 7.757 min Scan# 959
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 58 Resp: 15902

Ion	Ratio	Lower	Upper
58	100		
100	36.0	24.5	36.7
43	286.6	217.7	326.5

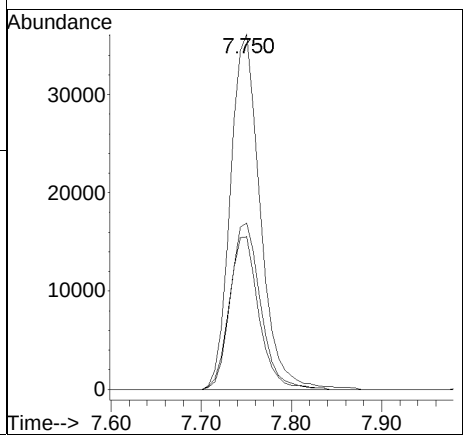


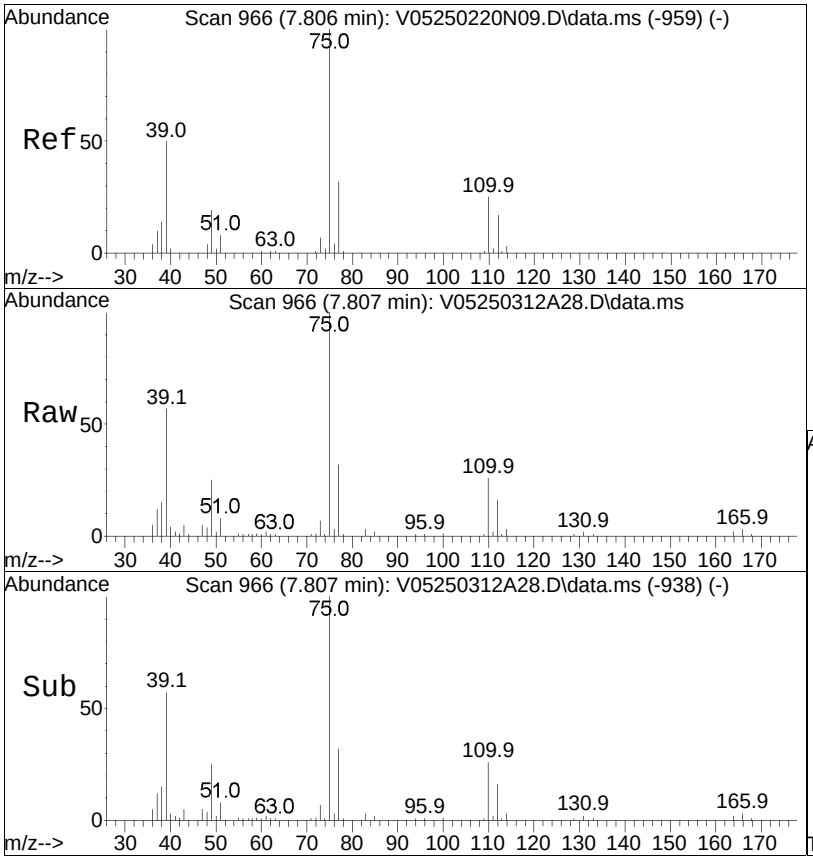


#63
Tetrachloroethene
Concen: 10.39 ug/L
RT: 7.750 min Scan# 958
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:166 Resp: 83360

Ion	Ratio	Lower	Upper
166	100		
168	47.1	26.3	66.3
94	42.9	23.0	63.0

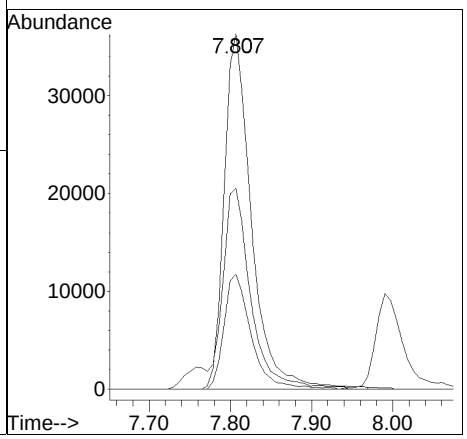


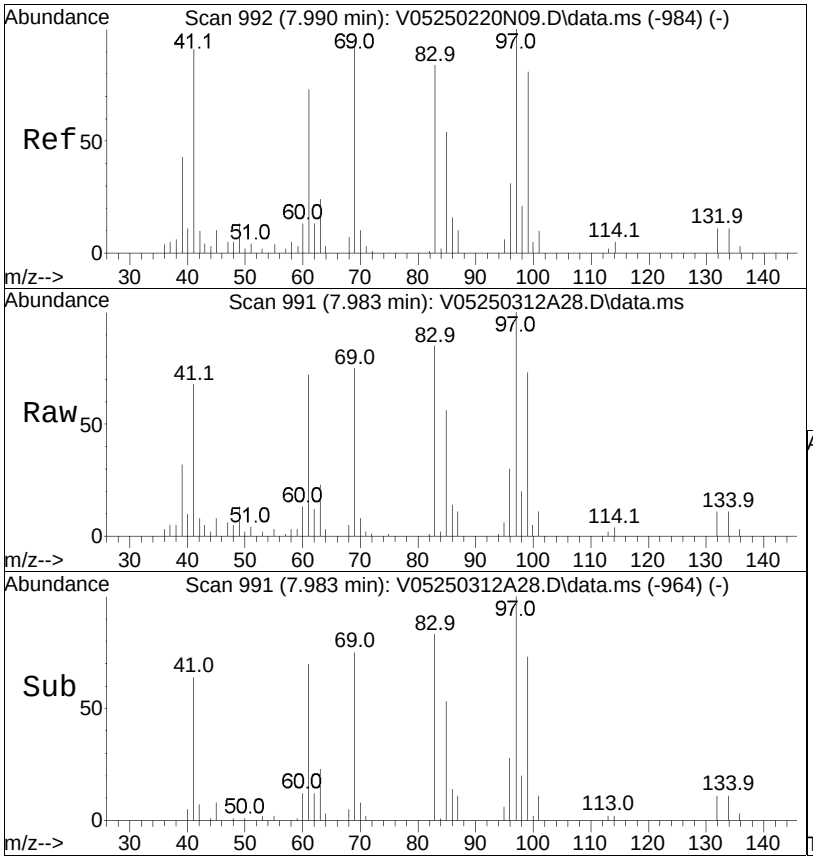


#65
trans-1,3-Dichloropropene
Concen: 10.16 ug/L
RT: 7.807 min Scan# 966
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 75 Resp: 85170

Ion	Ratio	Lower	Upper
75	100		
77	32.4	11.5	51.5
39	63.1	40.7	80.7

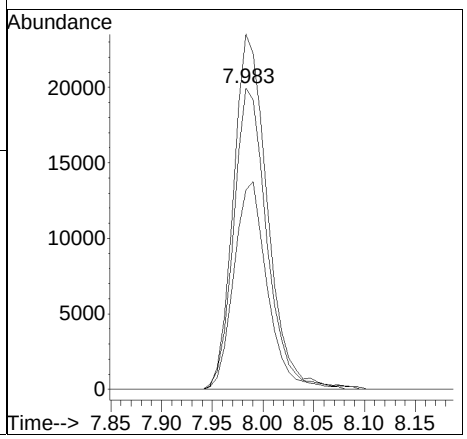


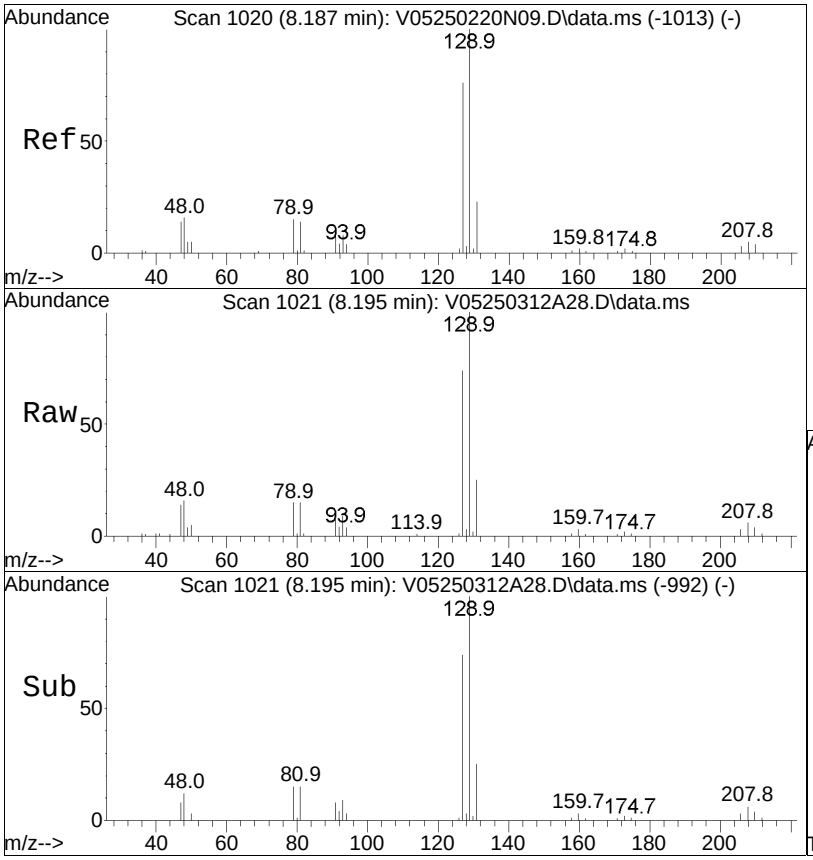


#68
1,1,2-Trichloroethane
Concen: 11.12 ug/L
RT: 7.983 min Scan# 991
Delta R.T. -0.007 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 83 Resp: 45724

Ion	Ratio	Lower	Upper
83	100		
97	120.3	100.2	140.2
85	69.1	45.5	85.5

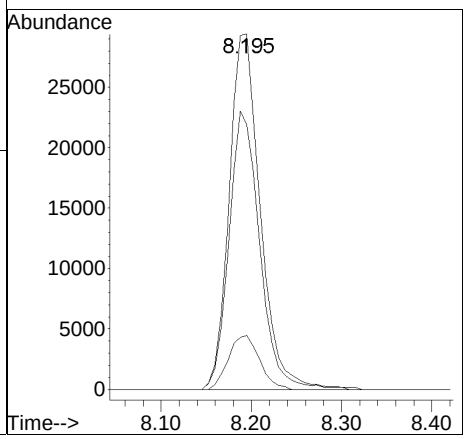


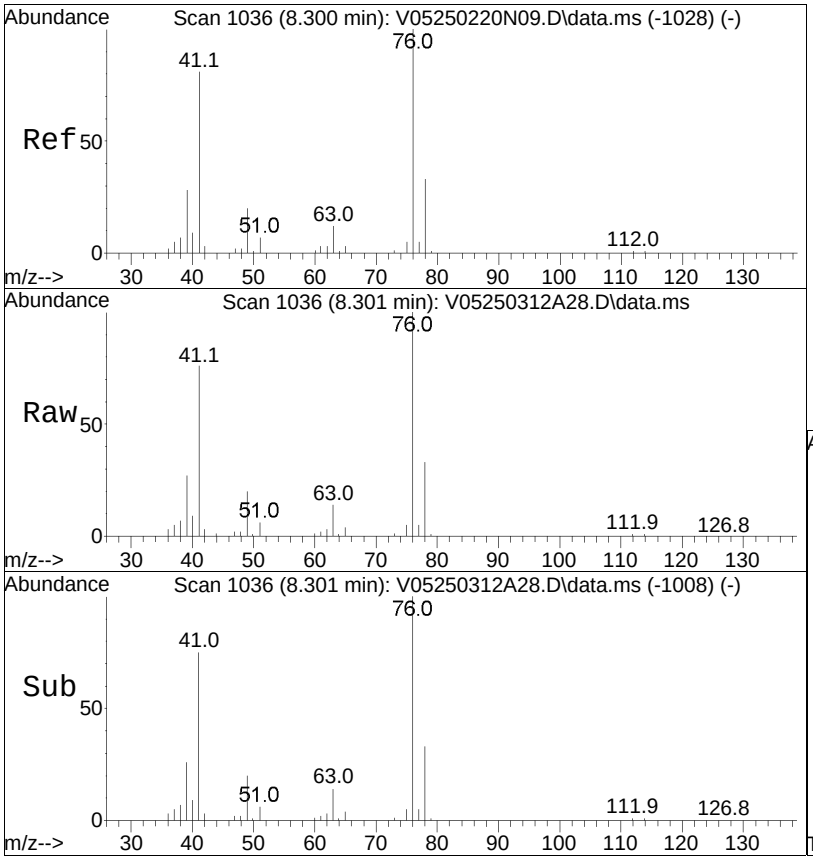


#69
Chlorodibromomethane
Concen: 10.57 ug/L
RT: 8.195 min Scan# 1021
Delta R.T. 0.008 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:129 Resp: 70587

Ion	Ratio	Lower	Upper
129	100		
81	15.1	0.0	34.3
127	77.2	56.7	96.7

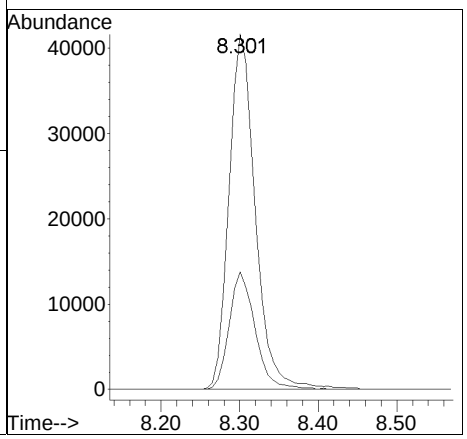


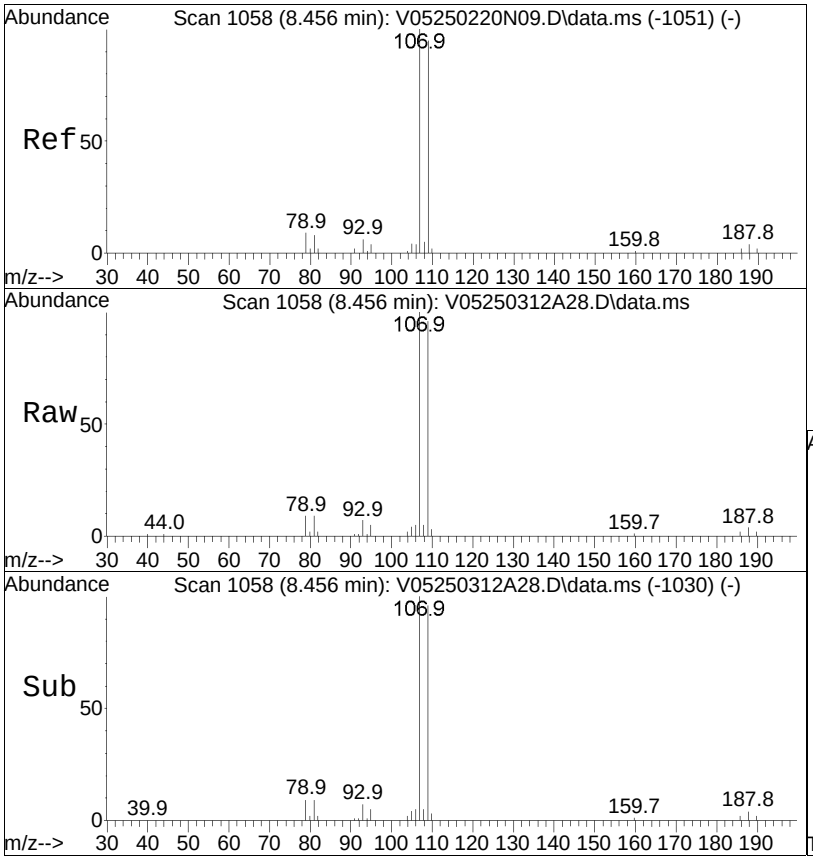


#70
1,3-Dichloropropane
Concen: 11.26 ug/L
RT: 8.301 min Scan# 1036
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 76 Resp: 97302

Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.4	38.2

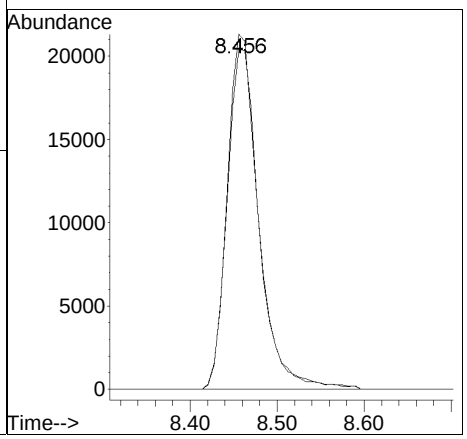


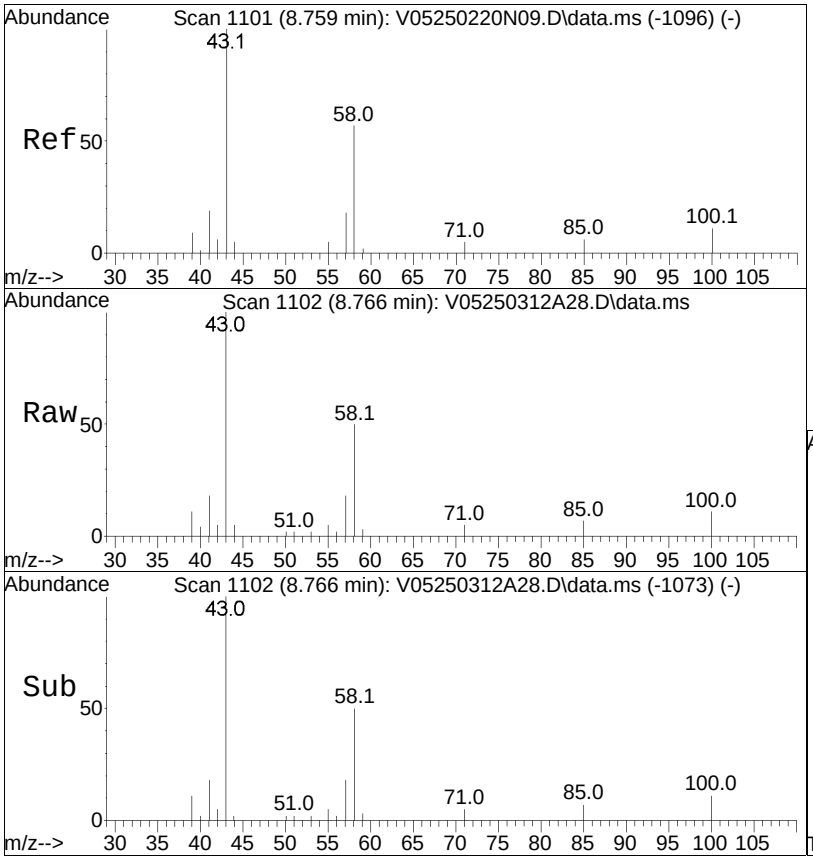


#71
1,2-Dibromoethane
Concen: 10.81 ug/L
RT: 8.456 min Scan# 1058
Delta R.T. -0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:107 Resp: 53360

Ion	Ratio	Lower	Upper
107	100		
109	98.5	77.0	115.4

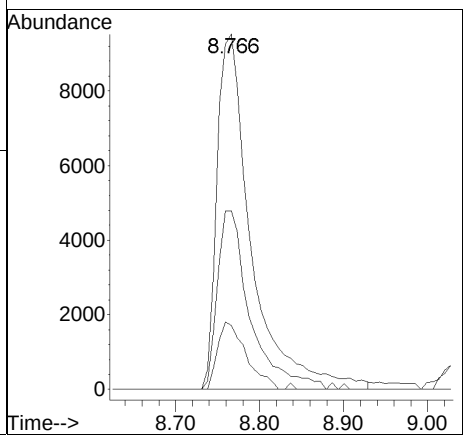


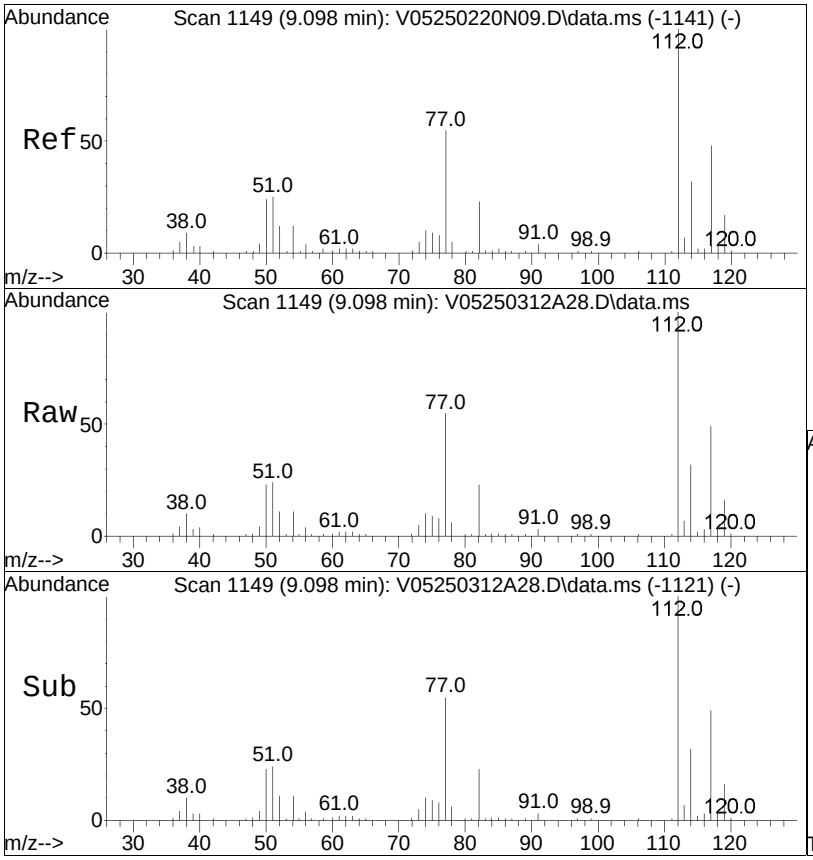


#72
2-Hexanone
Concen: 9.77 ug/L
RT: 8.766 min Scan# 1102
Delta R.T. 0.007 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 43 Resp: 27152

Ion	Ratio	Lower	Upper
43	100		
58	47.8	39.7	59.5
57	15.8	12.2	18.4

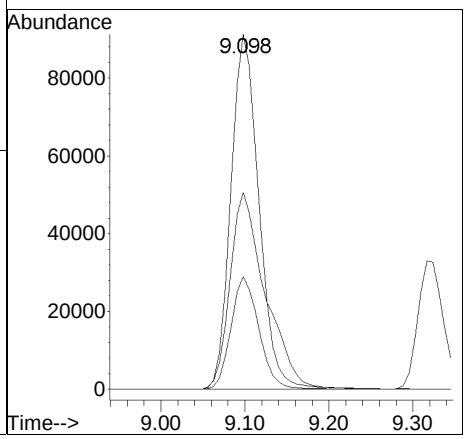


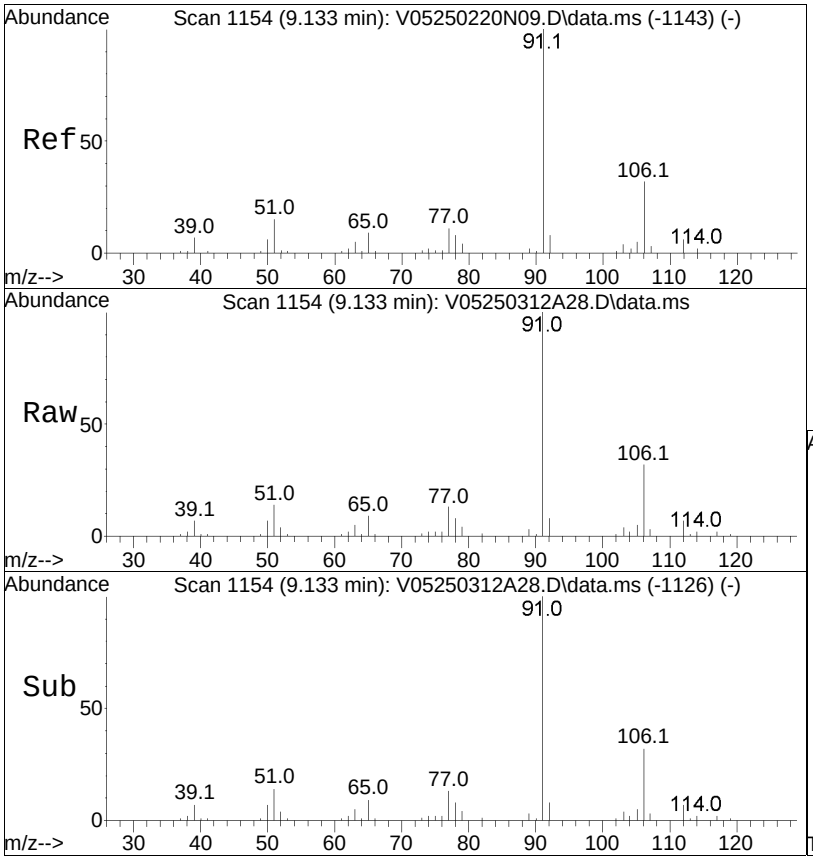


#73
Chlorobenzene
Concen: 10.64 ug/L
RT: 9.098 min Scan# 1149
Delta R.T. -0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:112 Resp: 212185

Ion	Ratio	Lower	Upper
112	100		
77	70.0	54.2	81.2
114	31.6	25.3	37.9

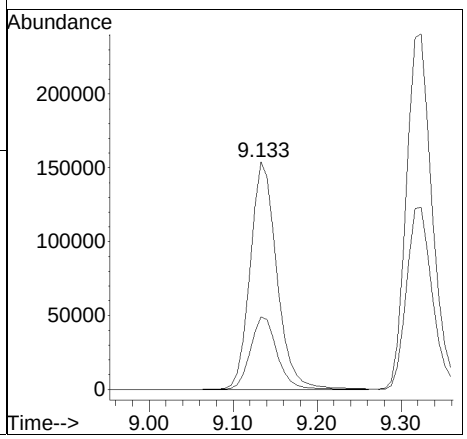


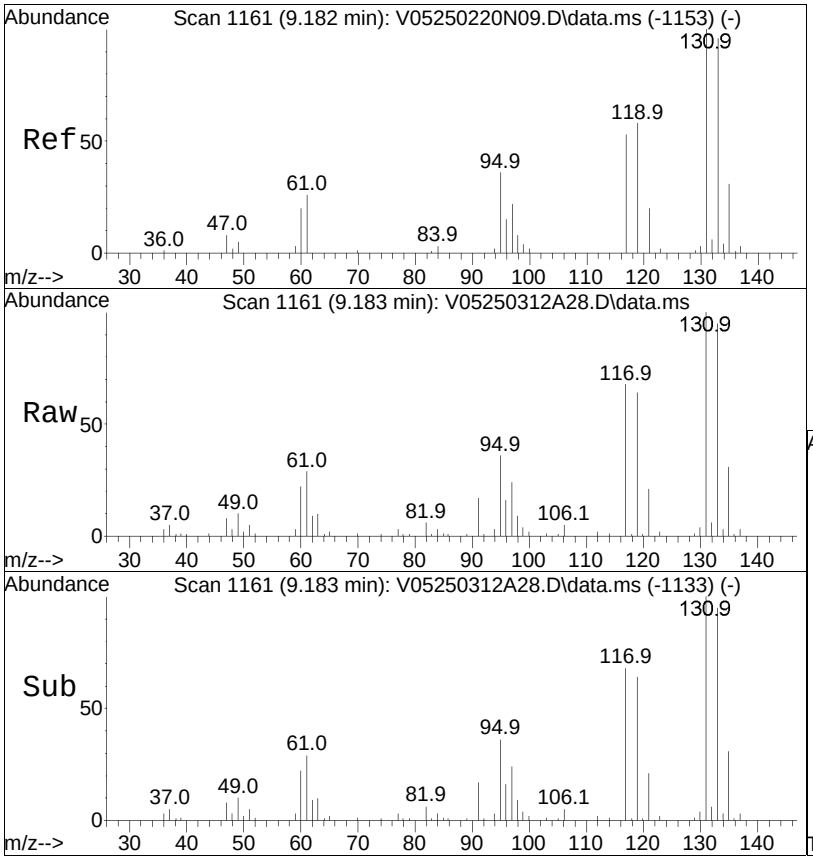


#74
Ethylbenzene
Concen: 10.58 ug/L
RT: 9.133 min Scan# 1154
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 91 Resp: 340040

Ion	Ratio	Lower	Upper
91	100		
106	31.8	26.0	39.0

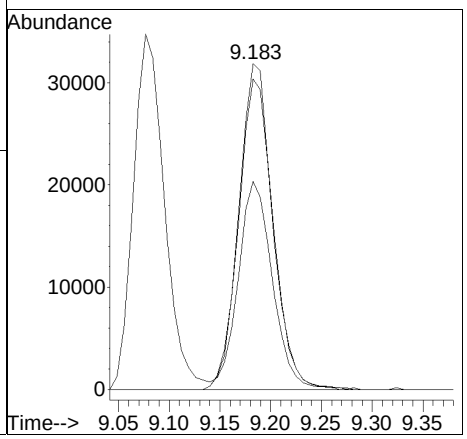


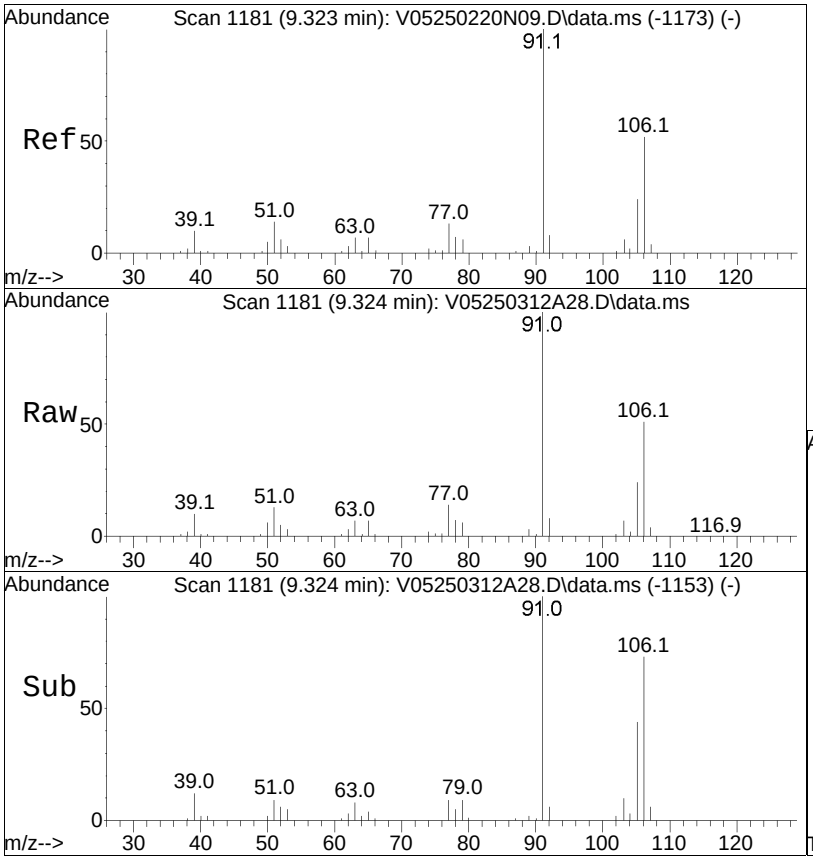


#75
1,1,1,2-Tetrachloroethane
Concen: 10.36 ug/L
RT: 9.183 min Scan# 1161
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:131 Resp: 74709

Ion	Ratio	Lower	Upper
131	100		
133	96.0	75.1	115.1
119	63.8	43.2	83.2

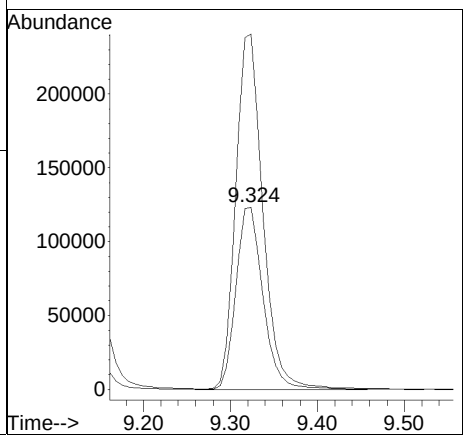


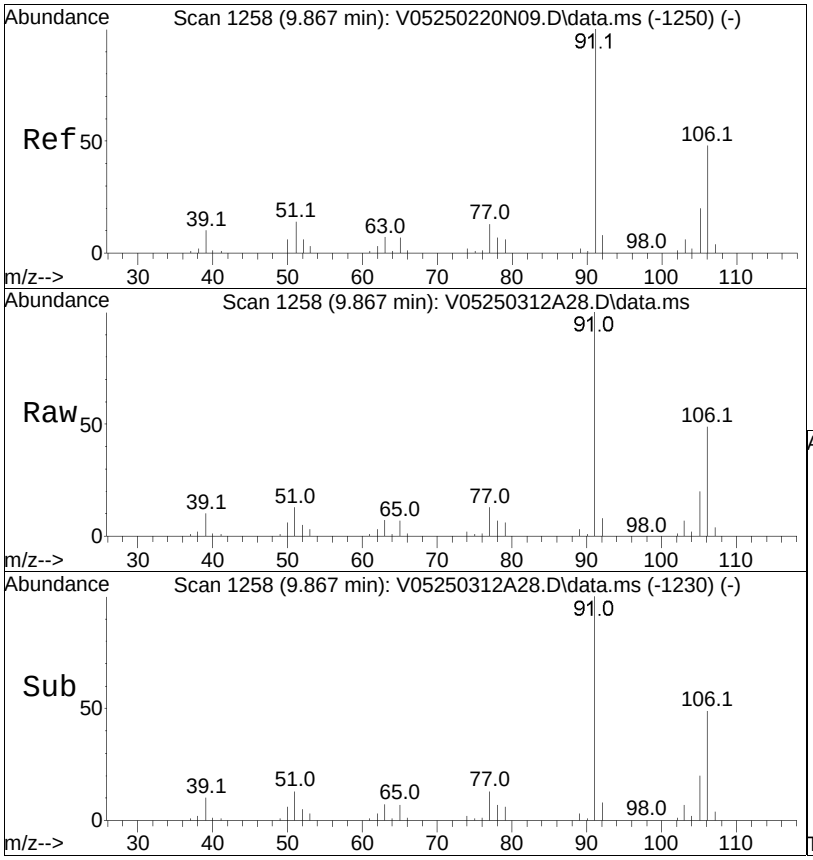


#76
p/m Xylene
Concen: 21.47 ug/L
RT: 9.324 min Scan# 1181
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:106 Resp: 267280

Ion	Ratio	Lower	Upper
106	100		
91	193.3	155.3	232.9

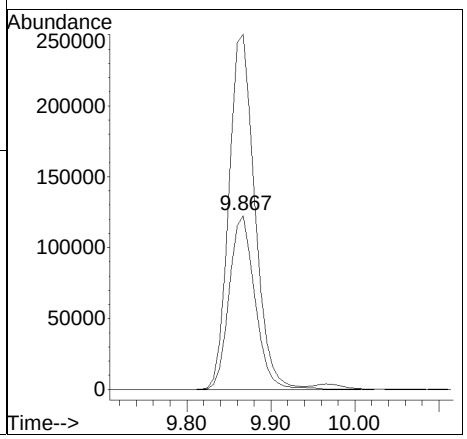


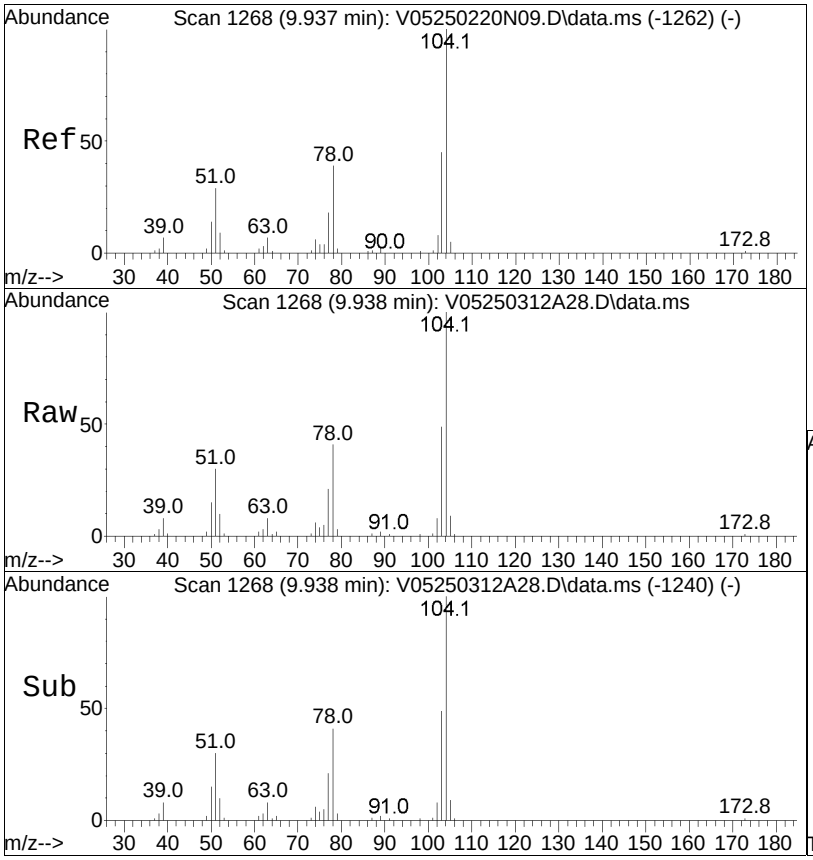


#77
o Xylene
Concen: 21.96 ug/L
RT: 9.867 min Scan# 1258
Delta R.T. -0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:106 Resp: 261835

Ion	Ratio	Lower	Upper
106	100		
91	204.3	163.8	245.6

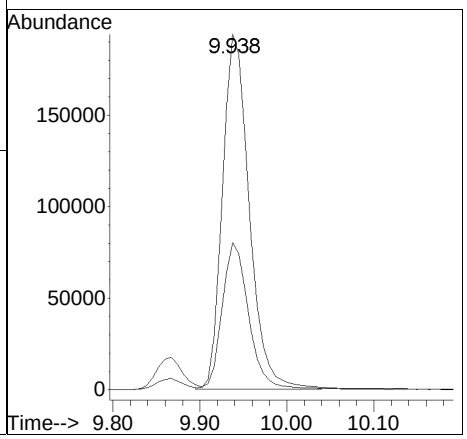


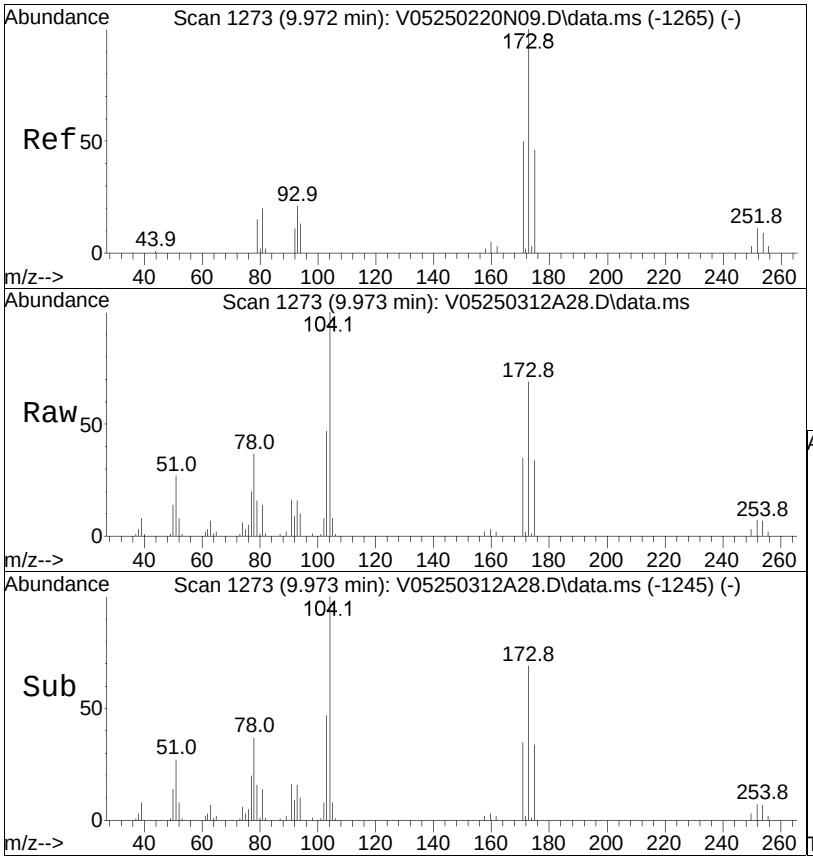


#78
Styrene
Concen: 21.55 ug/L
RT: 9.938 min Scan# 1268
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:104 Resp: 415582

Ion	Ratio	Lower	Upper
104	100		
78	40.6	31.8	47.6

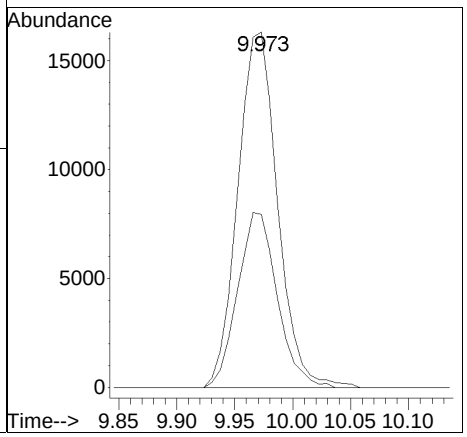


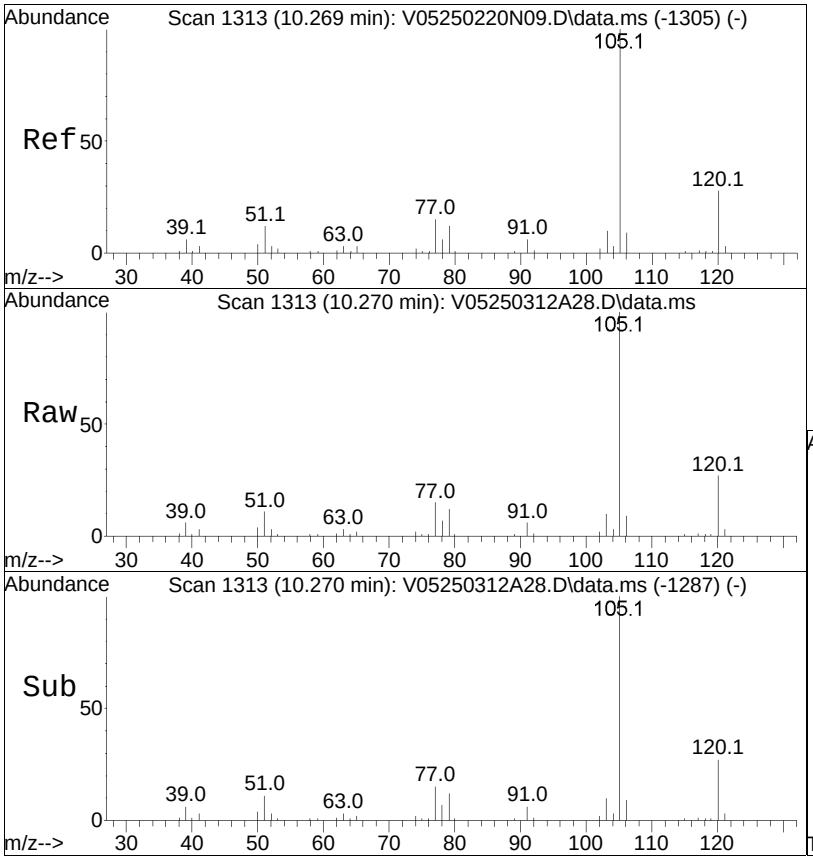


#80
Bromoform
Concen: 9.29 ug/L
RT: 9.973 min Scan# 1273
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:173 Resp: 38852

Ion	Ratio	Lower	Upper
173	100		
175	48.9	27.6	67.6

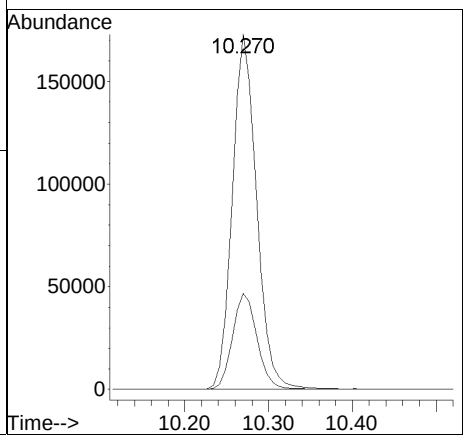


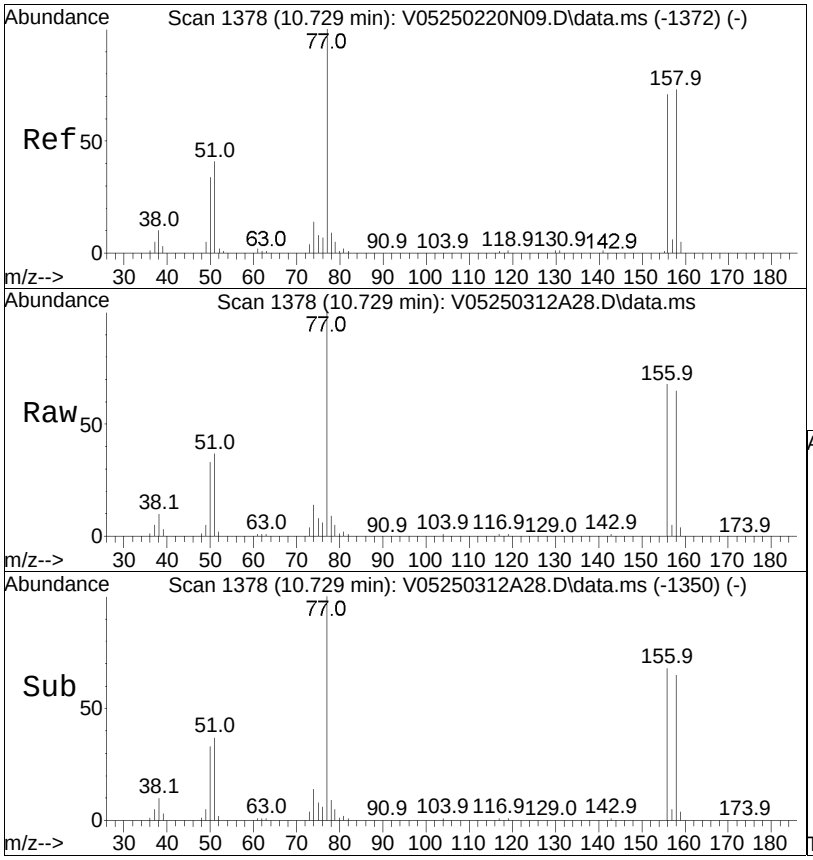


#82
Isopropylbenzene
Concen: 10.75 ug/L
RT: 10.270 min Scan# 1313
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:105 Resp: 348483

Ion	Ratio	Lower	Upper
105	100		
120	27.3	7.1	47.1

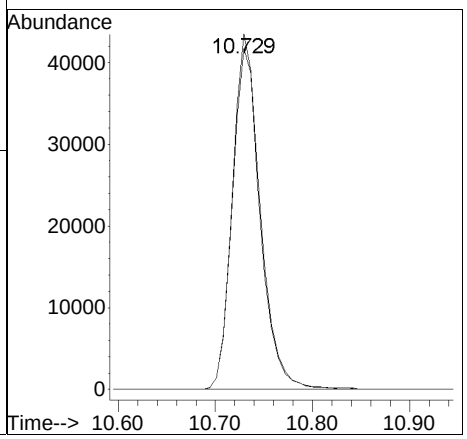


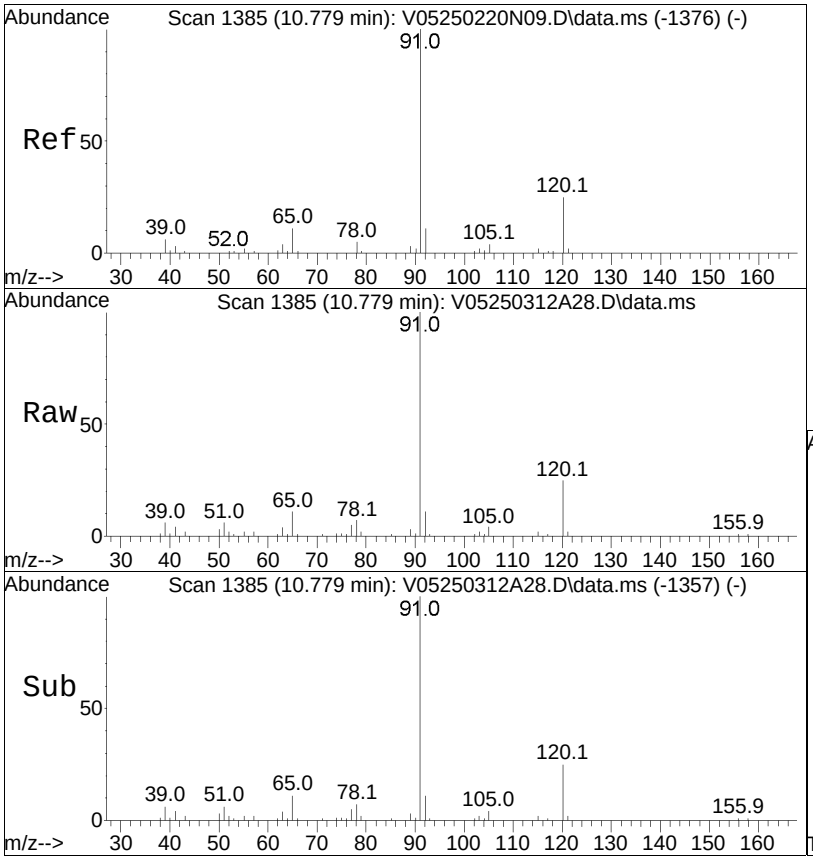


#84
Bromobenzene
Concen: 10.78 ug/L
RT: 10.729 min Scan# 1378
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:156 Resp: 86541

Ion	Ratio	Lower	Upper
156	100		
158	96.0	79.4	119.2

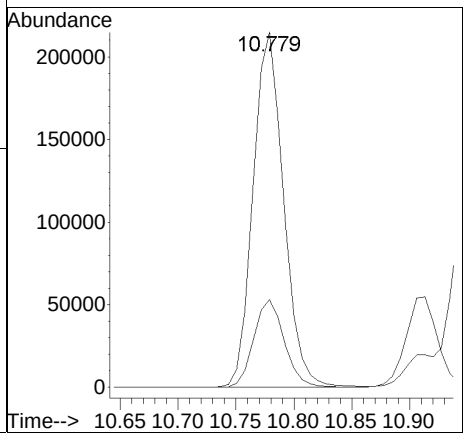


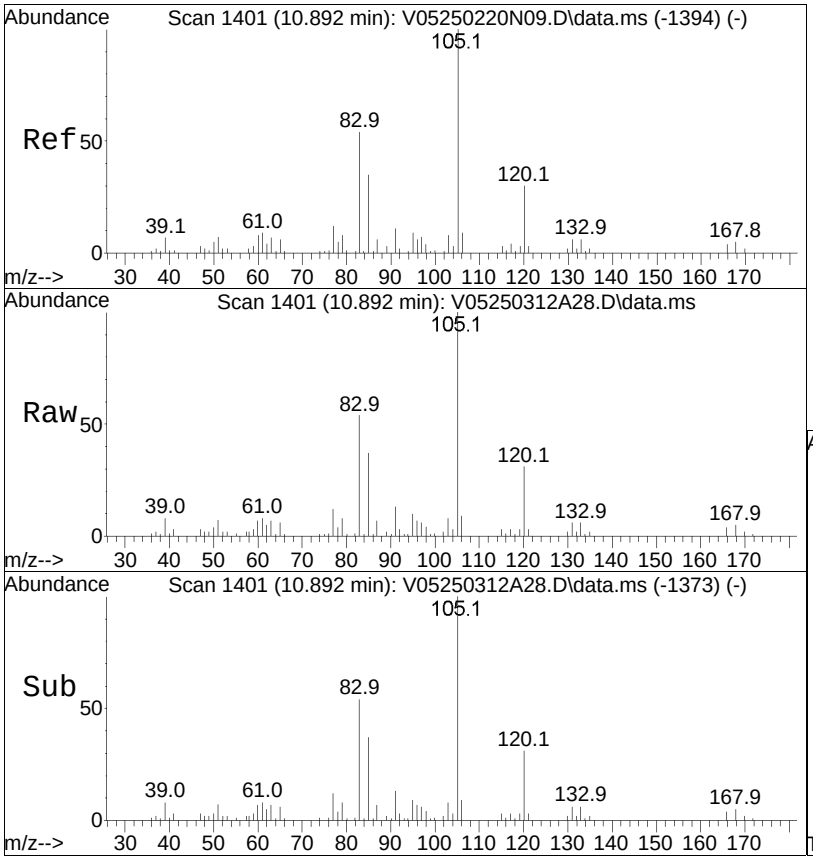


#85
n-Propylbenzene
Concen: 10.54 ug/L
RT: 10.779 min Scan# 1385
Delta R.T. -0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 91 Resp: 394602

Ion	Ratio	Lower	Upper
91	100		
120	24.7	19.9	29.9

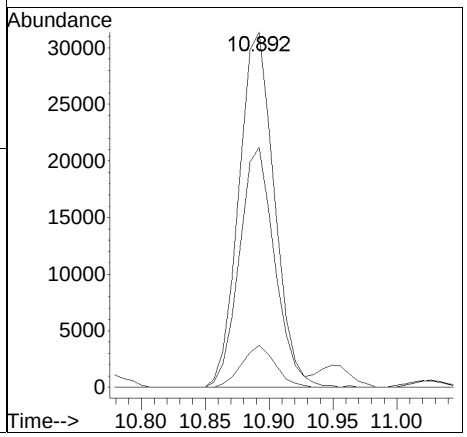


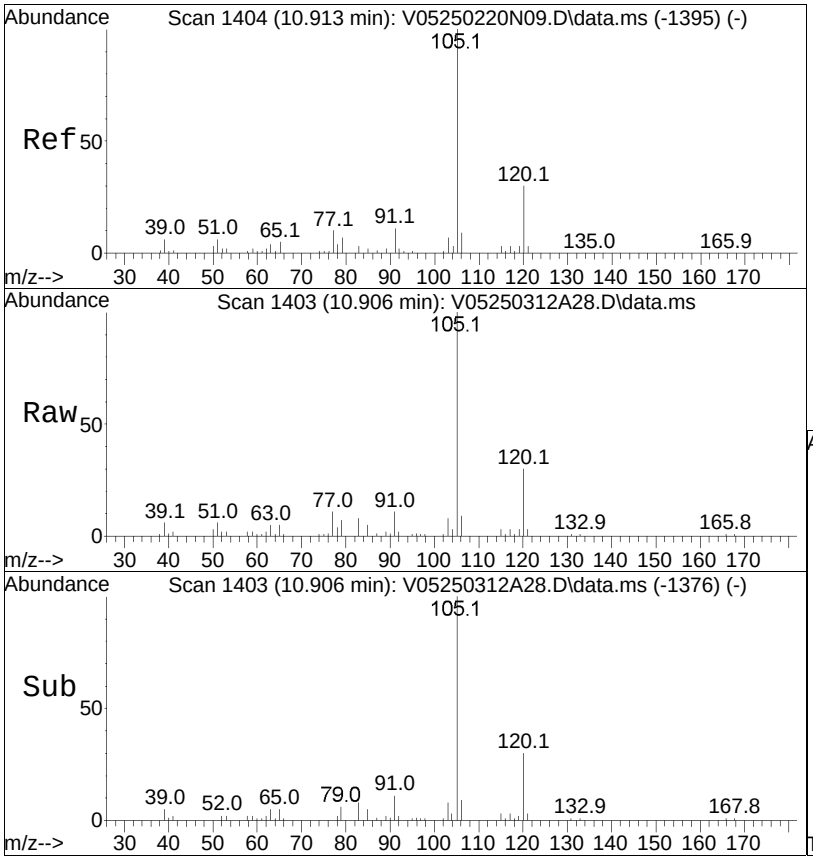


#87
1,1,2,2-Tetrachloroethane
Concen: 10.88 ug/L
RT: 10.892 min Scan# 1401
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 83 Resp: 60673

Ion	Ratio	Lower	Upper
83	100		
131	11.2	0.0	31.6
85	67.0	44.6	84.6

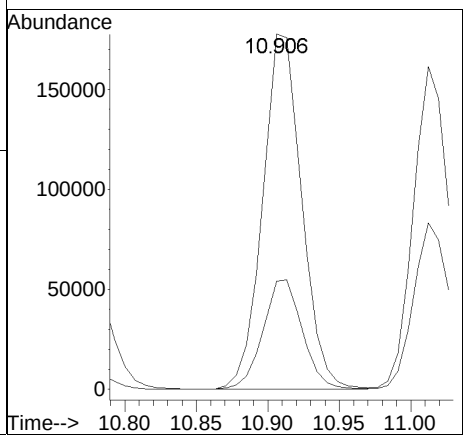


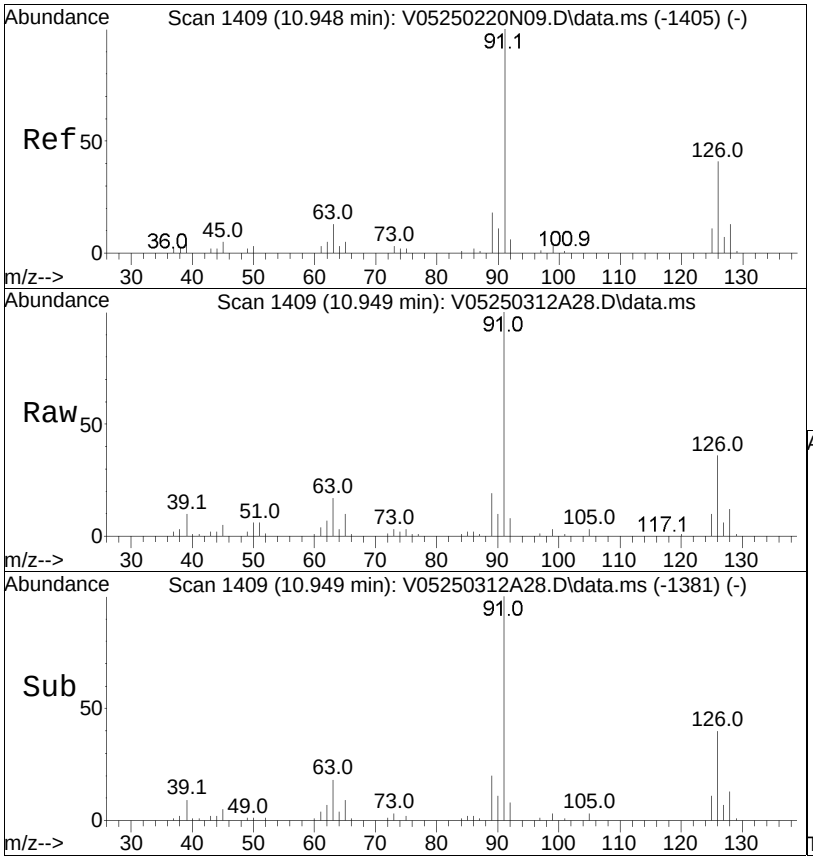


#88
4-Ethyltoluene
Concen: 10.61 ug/L
RT: 10.906 min Scan# 1403
Delta R.T. -0.007 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:105 Resp: 338091

Ion	Ratio	Lower	Upper
105	100		
120	31.2	20.0	41.6

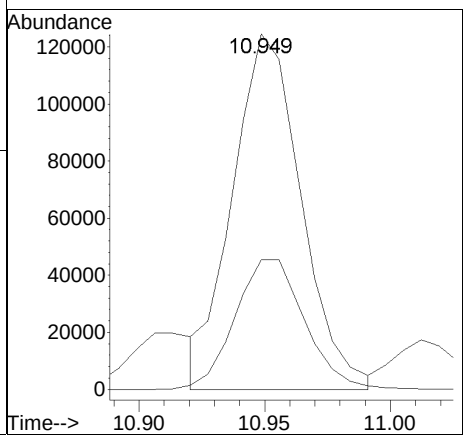


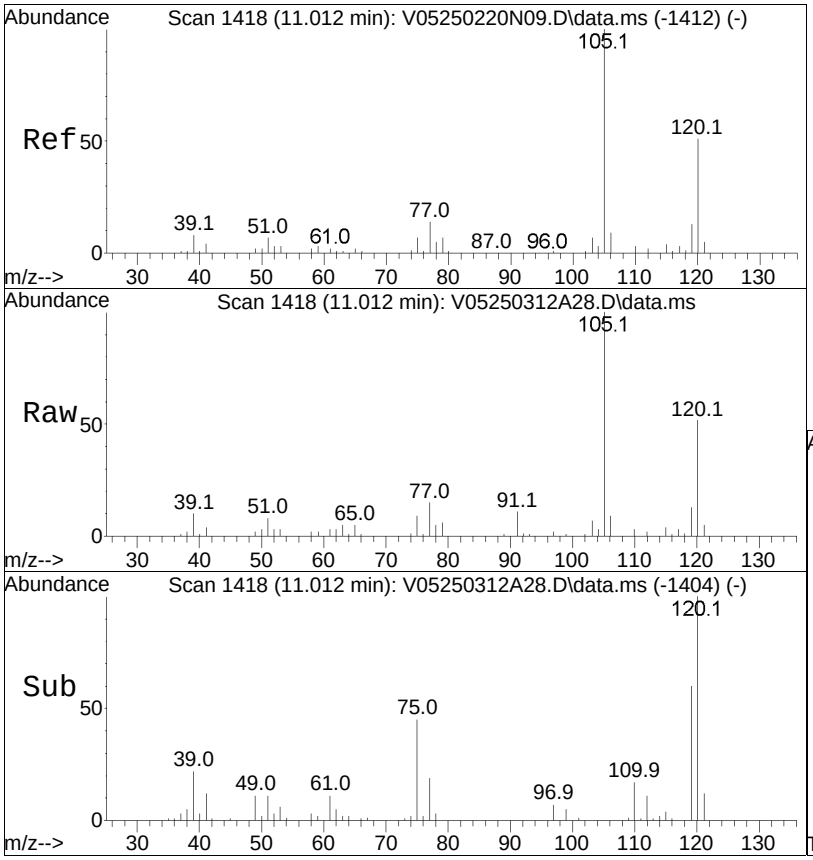


#89
2-Chlorotoluene
Concen: 10.63 ug/L M6
RT: 10.949 min Scan# 1409
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 91 Resp: 236617

Ion	Ratio	Lower	Upper
91	100		
126	37.3	29.9	44.9

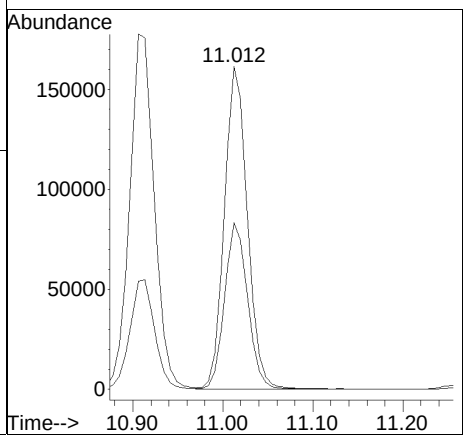


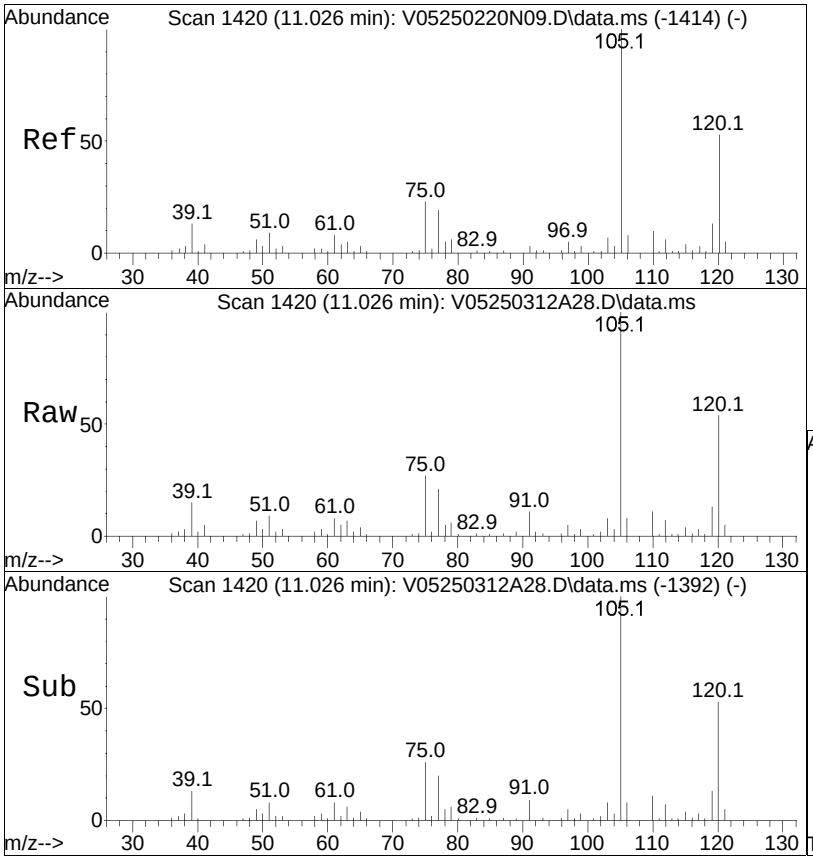


#90
1,3,5-Trimethylbenzene
Concen: 10.30 ug/L
RT: 11.012 min Scan# 1418
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:105 Resp: 288011

Ion	Ratio	Lower	Upper
105	100		
120	51.6	40.6	60.8

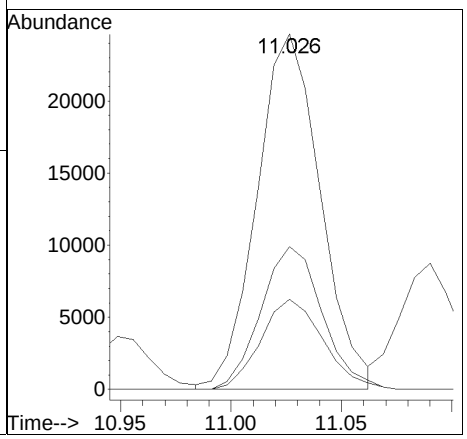


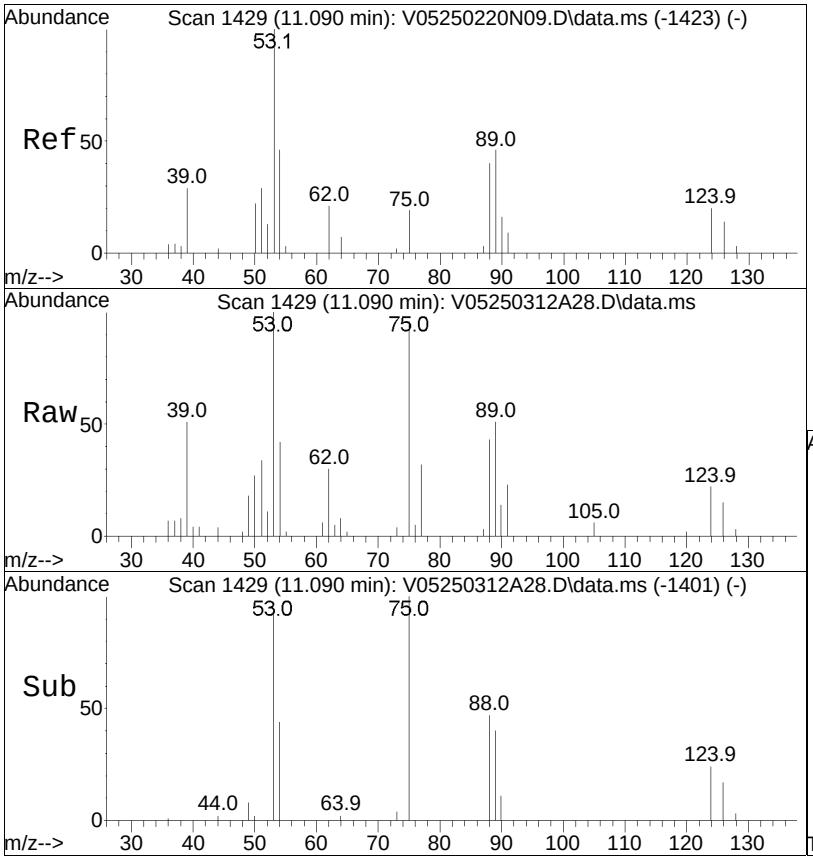


#91
1,2,3-Trichloropropane
Concen: 11.12 ug/L
RT: 11.026 min Scan# 1420
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 75 Resp: 49226

Ion	Ratio	Lower	Upper
75	100		
110	38.8	25.9	53.9
112	24.9	17.9	37.3

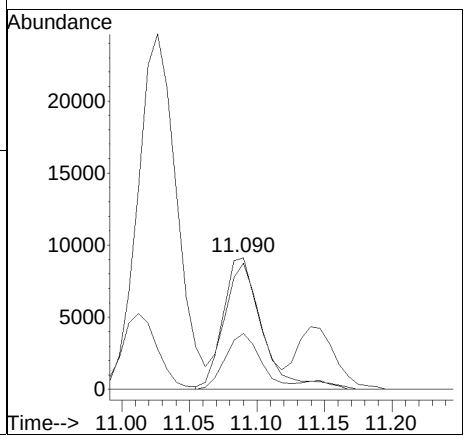


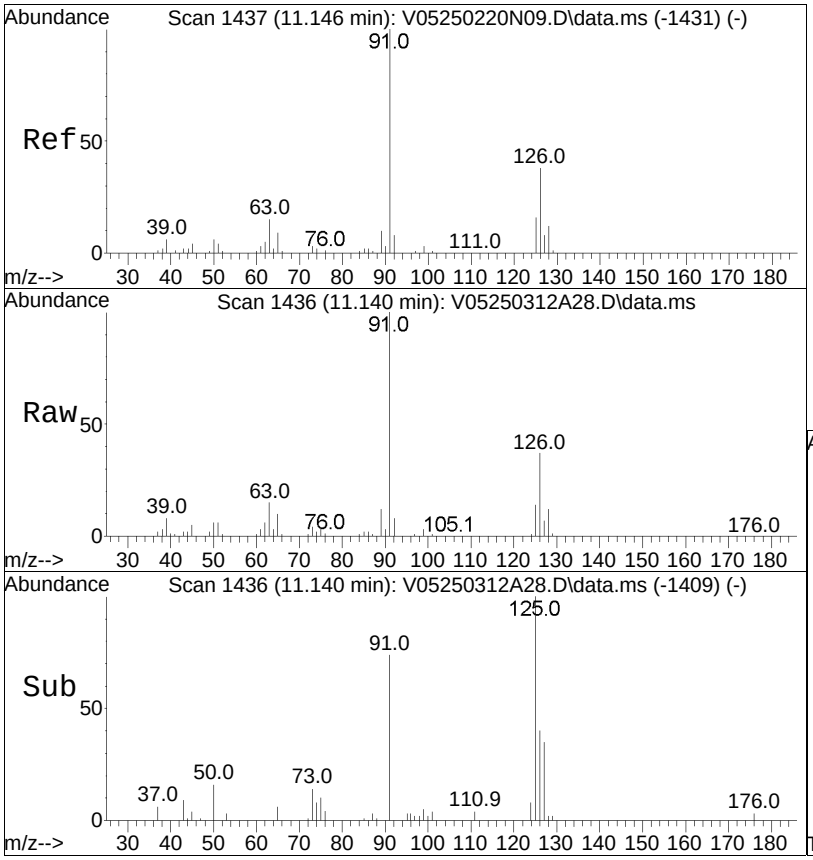


#92
trans-1,4-Dichloro-2-butene
Concen: 9.33 ug/L
RT: 11.090 min Scan# 1429
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 53 Resp: 18450

Ion	Ratio	Lower	Upper
53	100		
88	38.7	28.3	42.5
75	85.0	58.4	87.6

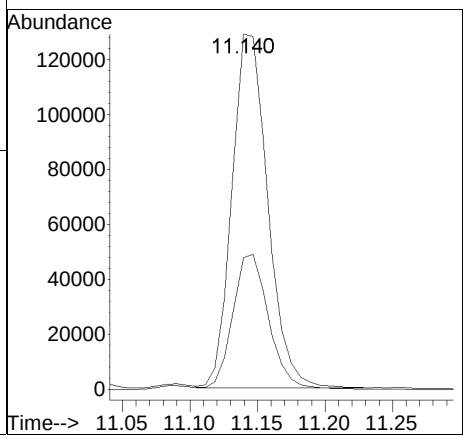


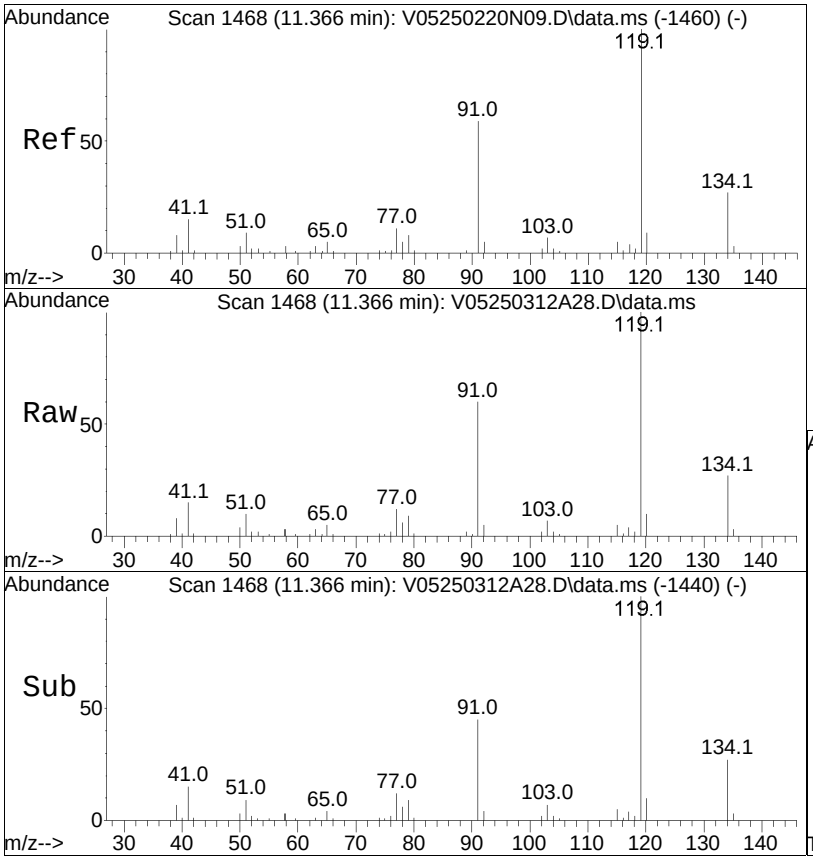


#93
4-Chlorotoluene
Concen: 10.34 ug/L
RT: 11.140 min Scan# 1436
Delta R.T. -0.006 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 91 Resp: 237389

Ion	Ratio	Lower	Upper
91	100		
126	38.7	31.0	46.6

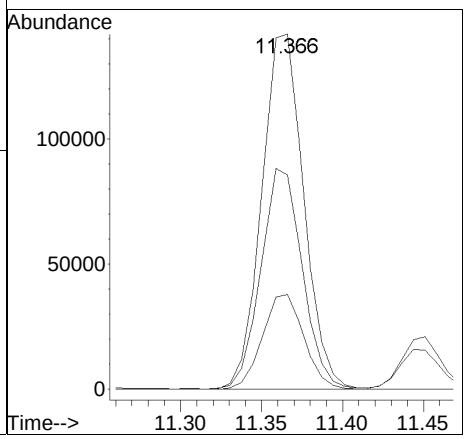


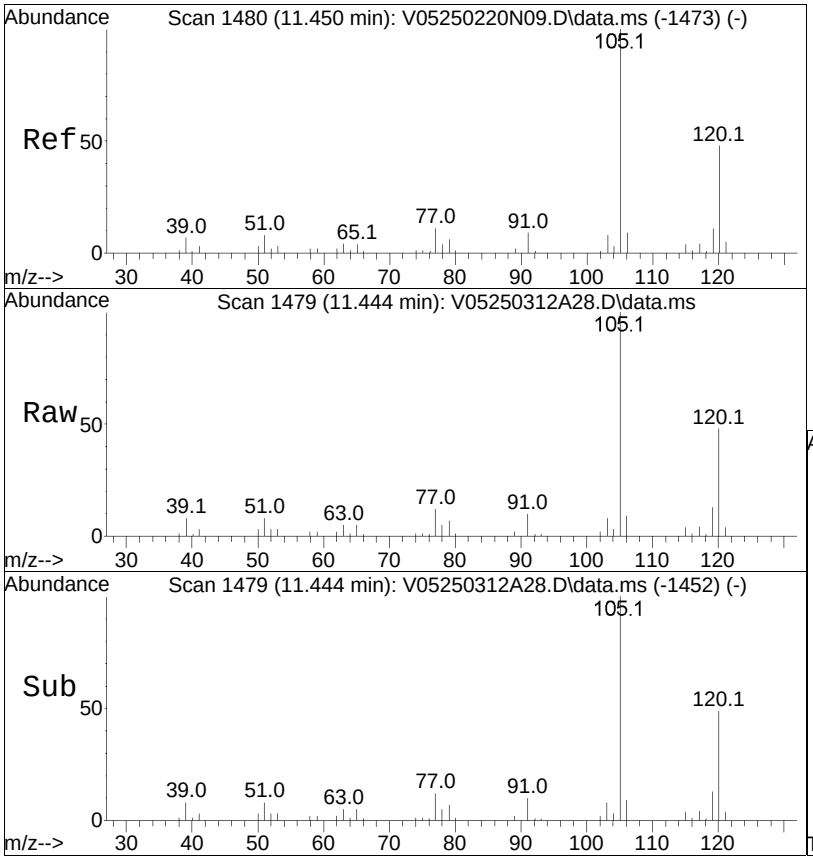


#94
tert-Butylbenzene
Concen: 10.52 ug/L
RT: 11.366 min Scan# 1468
Delta R.T. -0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:119 Resp: 256650

Ion	Ratio	Lower	Upper
119	100		
91	60.9	49.1	73.7
134	26.4	20.9	31.3

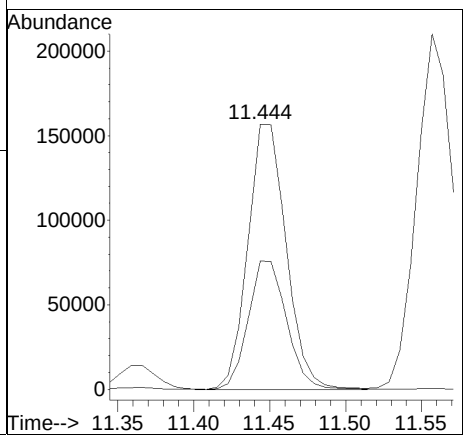


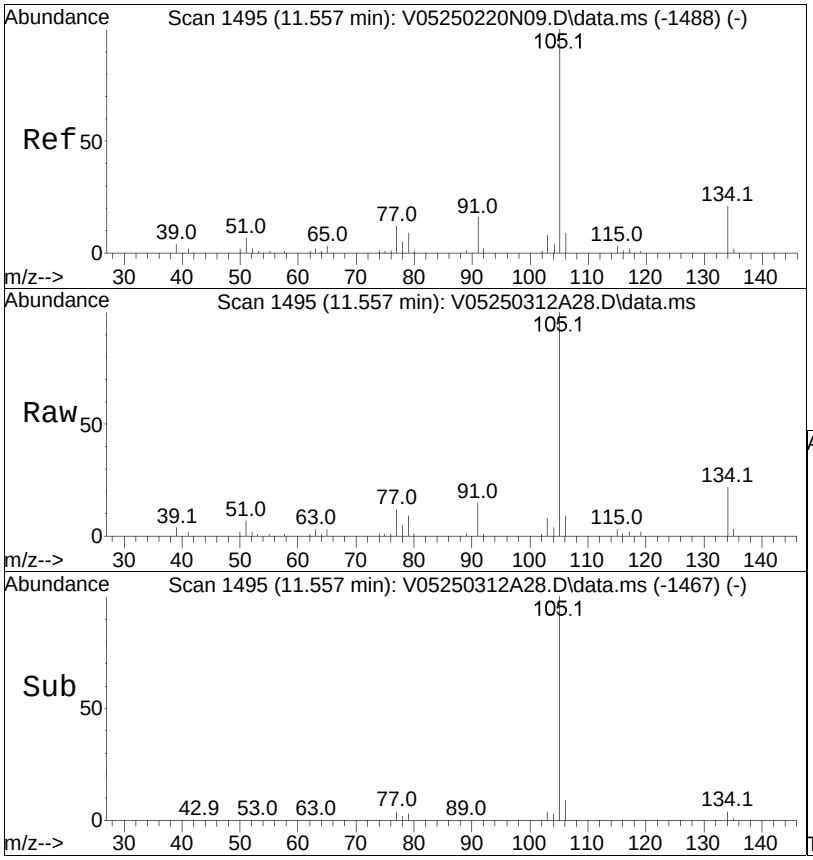


#97
1,2,4-Trimethylbenzene
Concen: 10.35 ug/L
RT: 11.444 min Scan# 1479
Delta R.T. -0.006 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:105 Resp: 276116

Ion	Ratio	Lower	Upper
105	100		
120	48.4	38.2	57.4

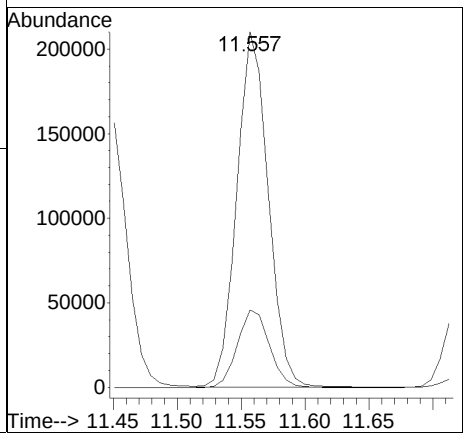


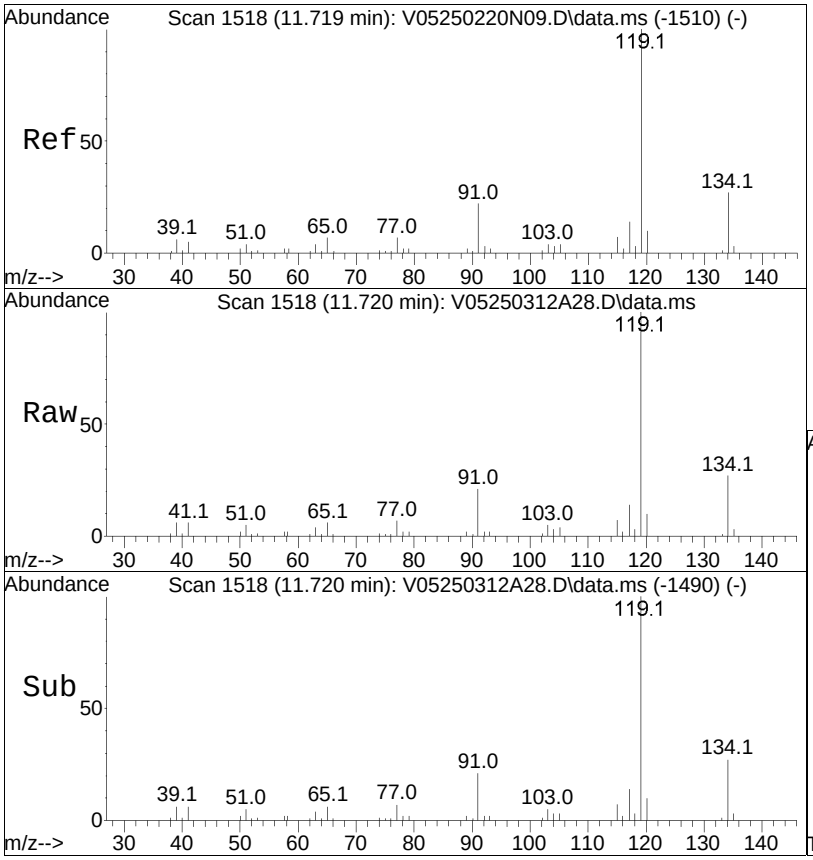


#98
sec-Butylbenzene
Concen: 10.41 ug/L
RT: 11.557 min Scan# 1495
Delta R.T. -0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:105 Resp: 357896

Ion	Ratio	Lower	Upper
105	100		
134	22.2	14.2	29.6

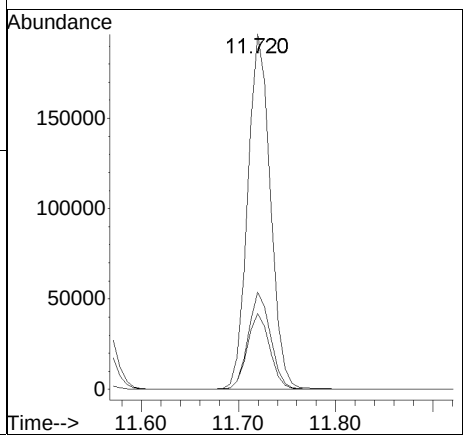


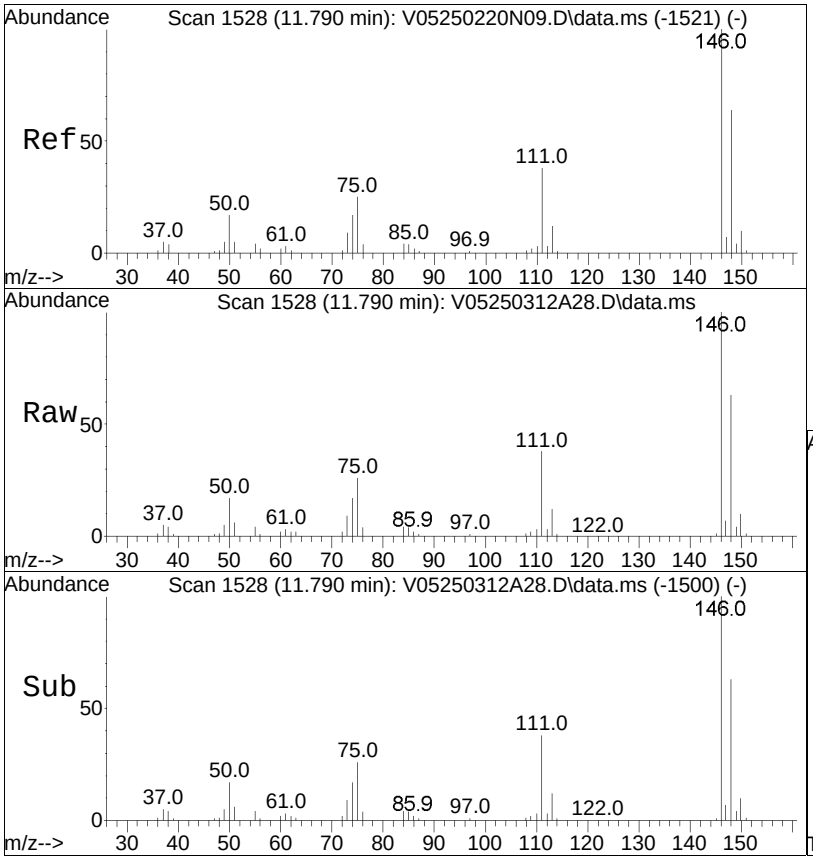


#99
p-Isopropyltoluene
Concen: 10.46 ug/L
RT: 11.720 min Scan# 1518
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:119 Resp: 319396

Ion	Ratio	Lower	Upper
119	100		
134	27.0	17.4	36.2
91	21.4	14.2	29.4

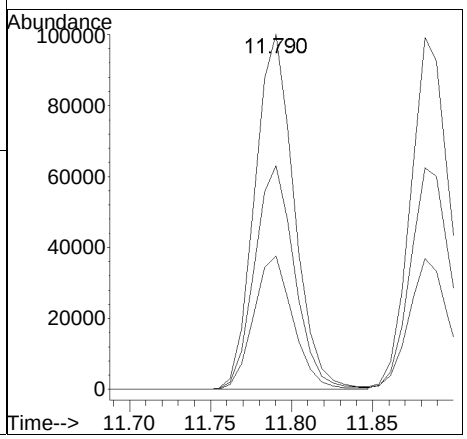


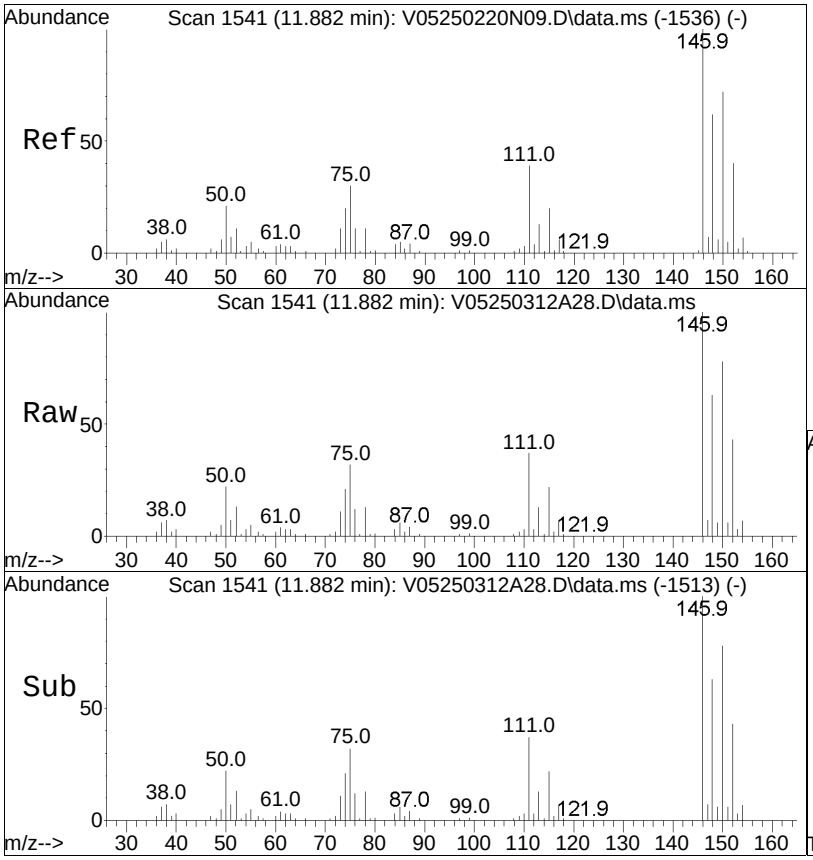


#100
1,3-Dichlorobenzene
Concen: 10.48 ug/L
RT: 11.790 min Scan# 1528
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:146 Resp: 169268

Ion	Ratio	Lower	Upper
146	100		
111	37.6	25.1	52.1
148	64.0	40.9	84.9

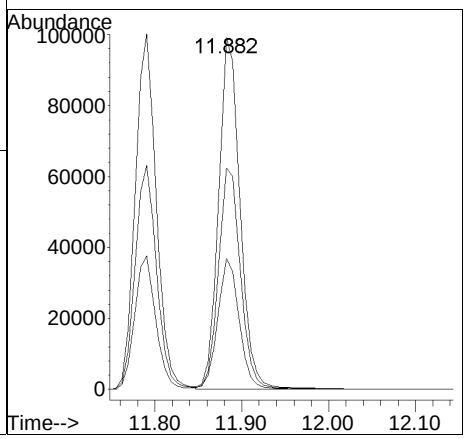


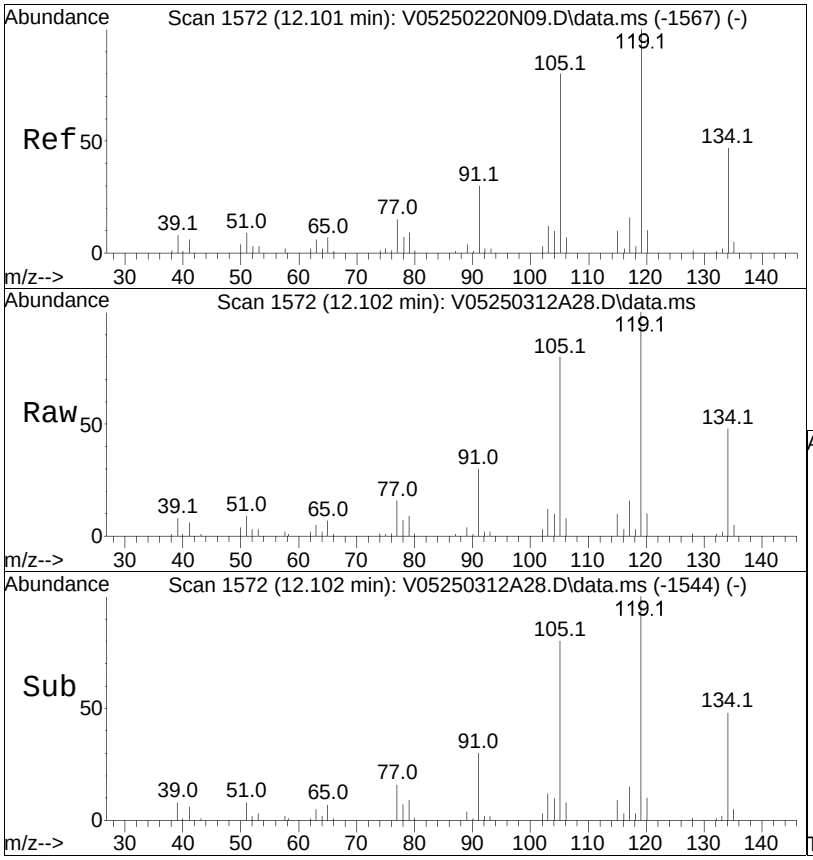


#101
1,4-Dichlorobenzene
Concen: 10.32 ug/L
RT: 11.882 min Scan# 1541
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:146 Resp: 171355

Ion	Ratio	Lower	Upper
146	100		
111	37.2	30.2	45.2
148	63.5	50.5	75.7

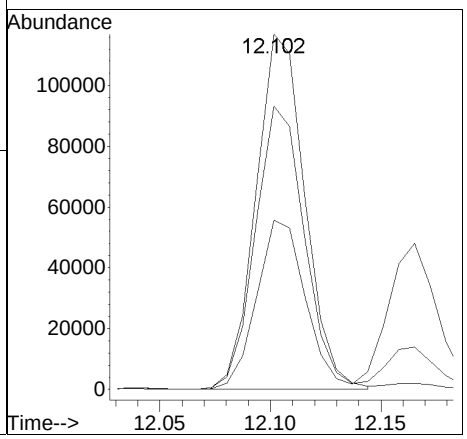


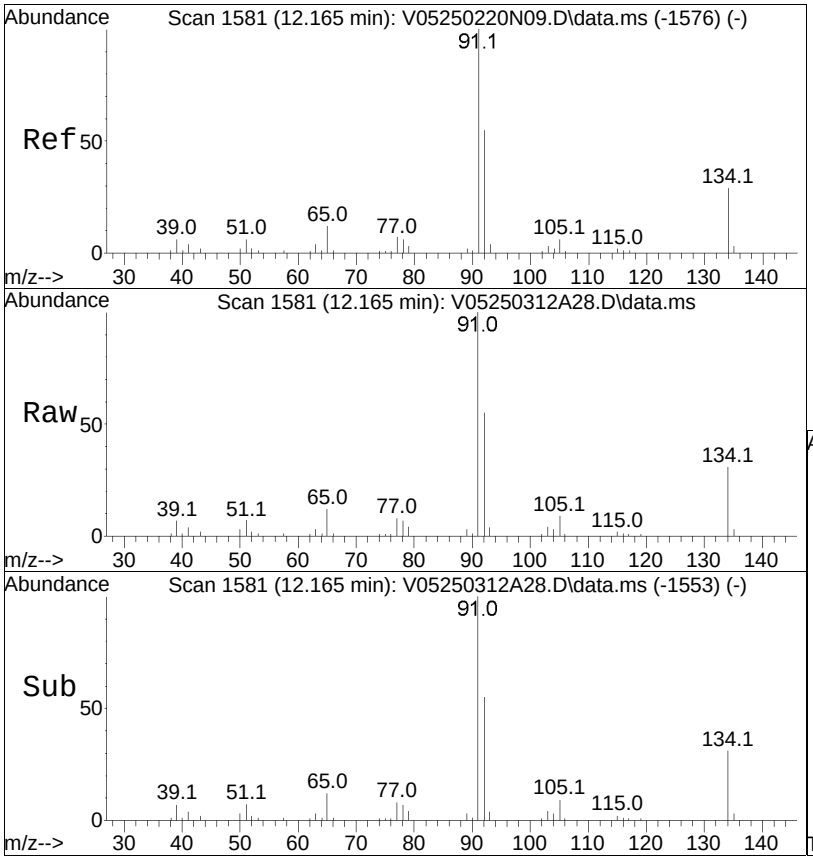


#102
p-Diethylbenzene
Concen: 10.04 ug/L
RT: 12.102 min Scan# 1572
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:119 Resp: 179974

Ion	Ratio	Lower	Upper
119	100		
105	80.1	52.1	108.1
134	47.7	30.9	64.1

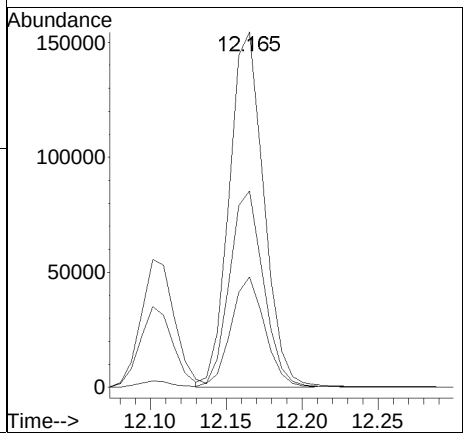


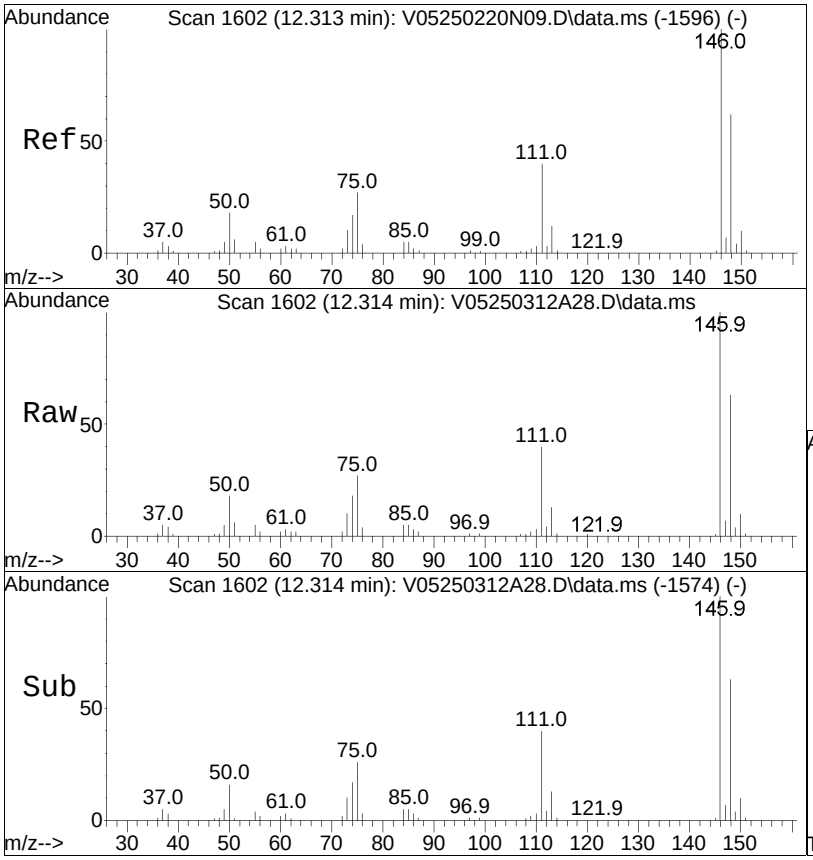


#103
n-Butylbenzene
Concen: 10.13 ug/L
RT: 12.165 min Scan# 1581
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion: 91 Resp: 244814

Ion	Ratio	Lower	Upper
91	100		
92	54.9	43.6	65.4
134	30.2	24.3	36.5

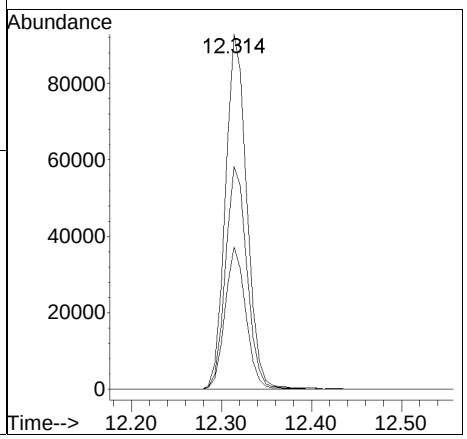


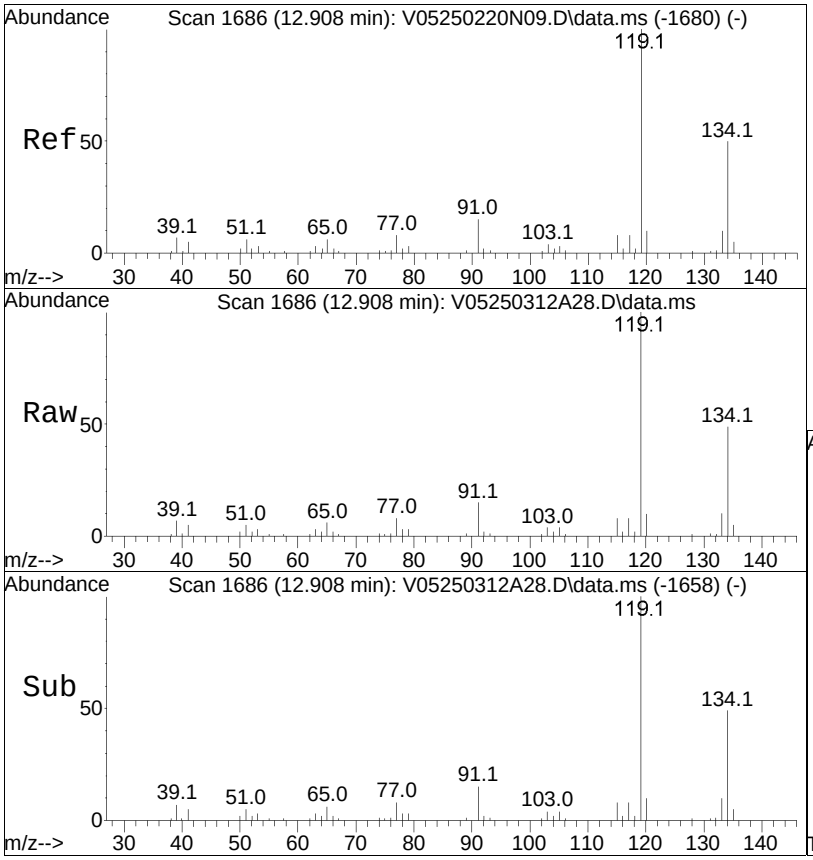


#104
1,2-Dichlorobenzene
Concen: 10.52 ug/L
RT: 12.314 min Scan# 1602
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:146 Resp: 153812

Ion	Ratio	Lower	Upper
146	100		
111	39.1	25.9	53.7
148	63.1	41.0	85.2

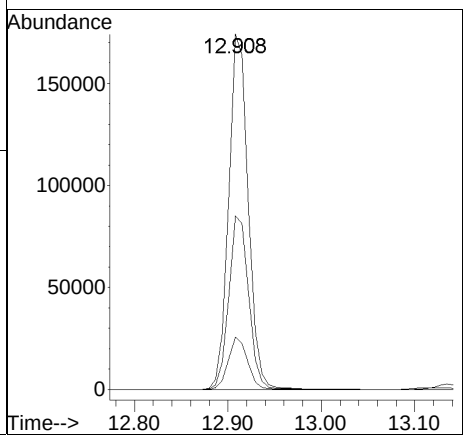


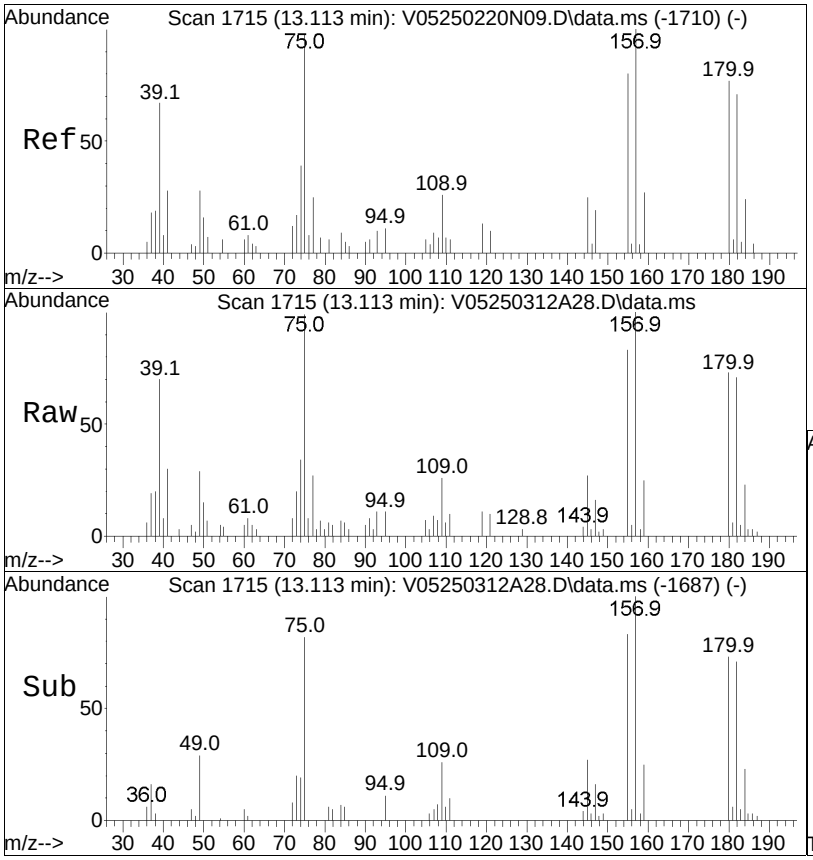


#105
1,2,4,5-Tetramethylbenzene
Concen: 9.28 ug/L
RT: 12.908 min Scan# 1686
Delta R.T. -0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:119 Resp: 253049

Ion	Ratio	Lower	Upper
119	100		
134	49.7	32.4	67.2
91	14.5	9.6	20.0

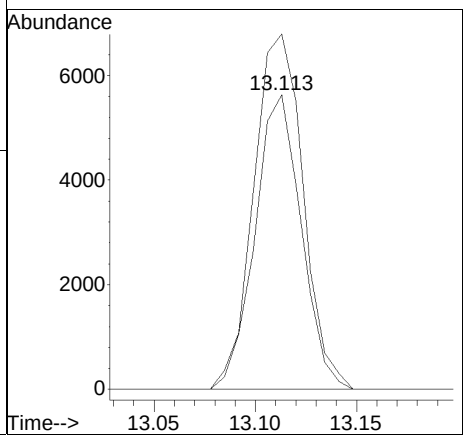


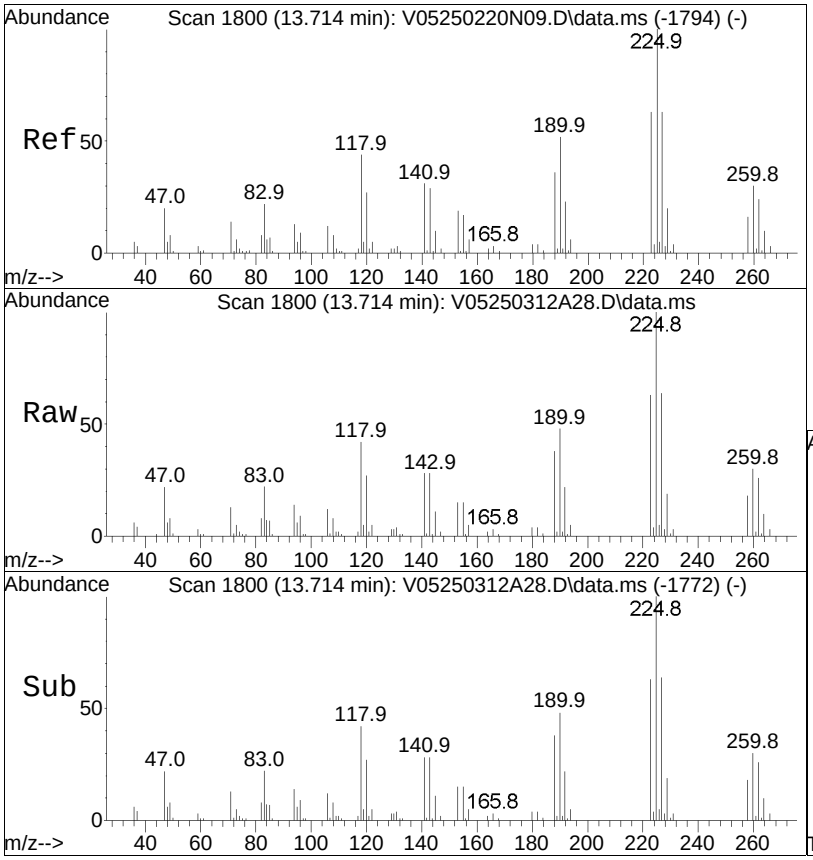


#106
1,2-Dibromo-3-chloropropane
Concen: 9.73 ug/L
RT: 13.113 min Scan# 1715
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:155 Resp: 8953

Ion	Ratio	Lower	Upper
155	100		
157	128.8	101.8	152.6

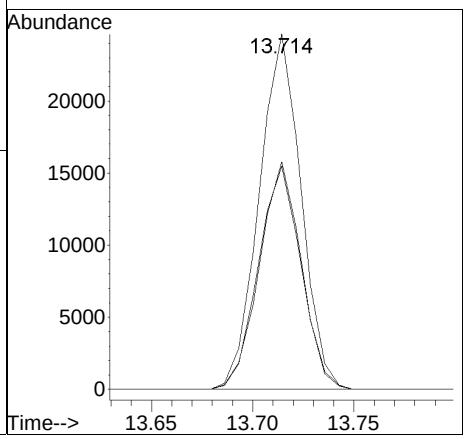


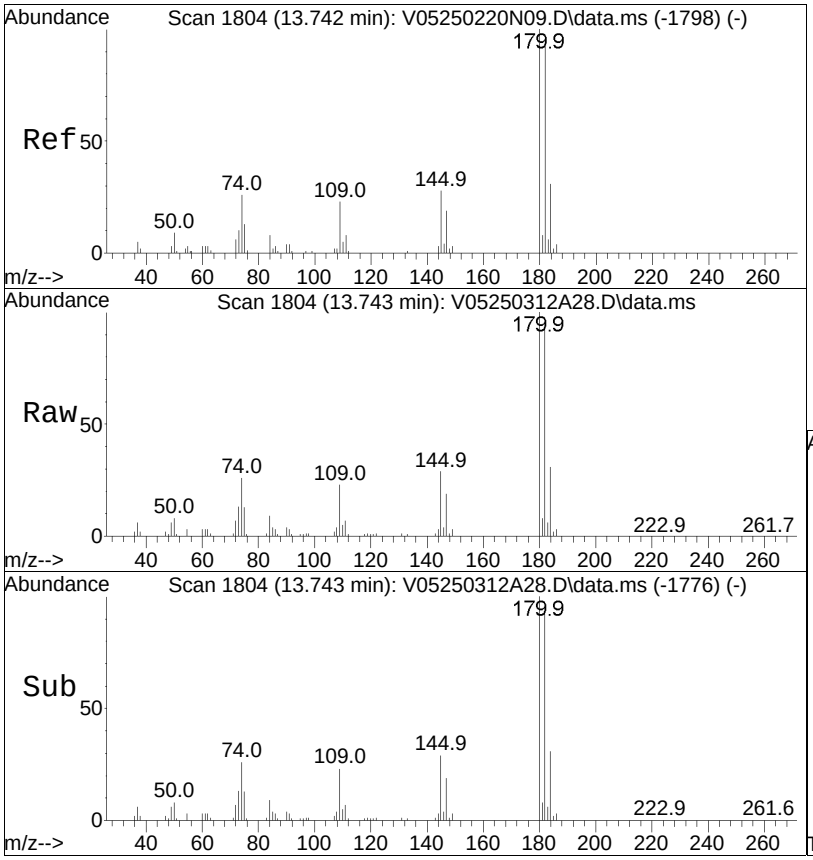


#108
Hexachlorobutadiene
Concen: 9.41 ug/L
RT: 13.714 min Scan# 1800
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:225 Resp: 35407

Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.8	76.2
227	64.2	51.8	77.6

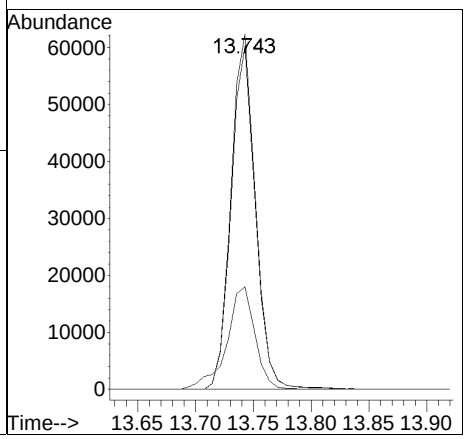


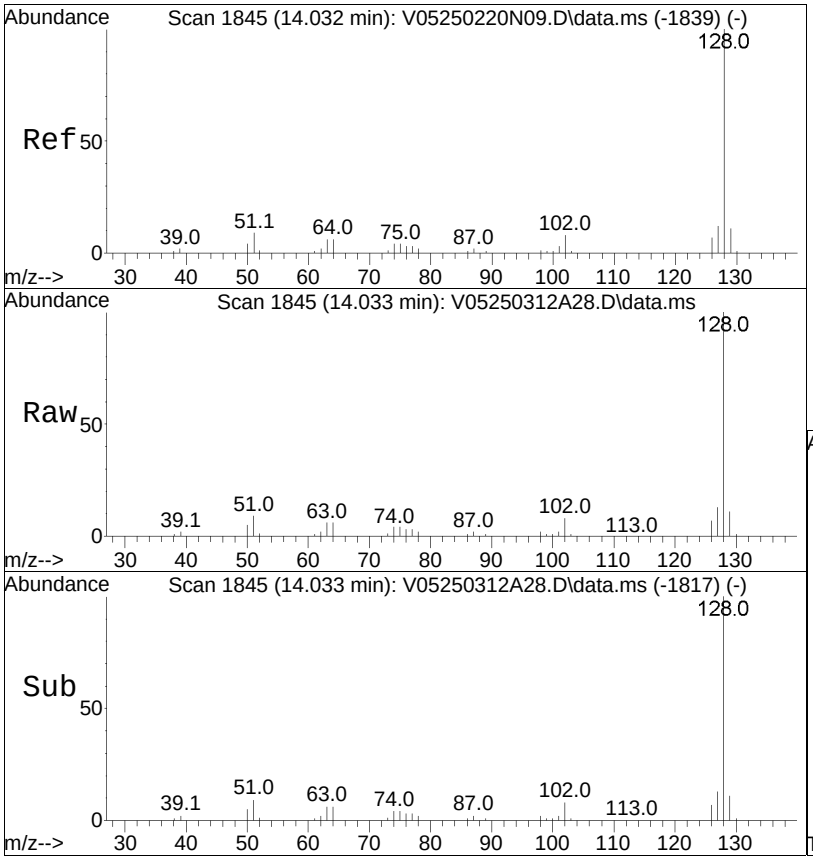


#109
1,2,4-Trichlorobenzene
Concen: 10.26 ug/L
RT: 13.743 min Scan# 1804
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:180 Resp: 91895

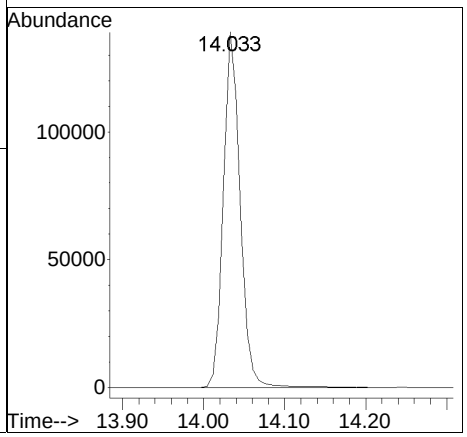
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.4	114.6
145	33.3	27.3	40.9

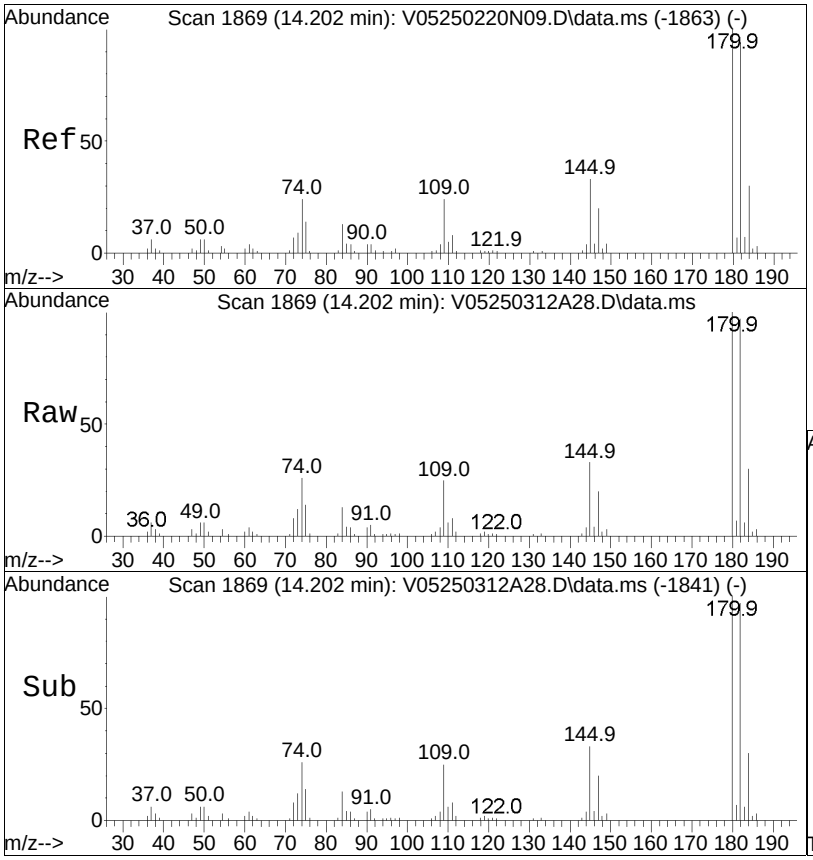




#110
Naphthalene
Concen: 11.19 ug/L
RT: 14.033 min Scan# 1845
Delta R.T. 0.001 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:128 Resp: 200795

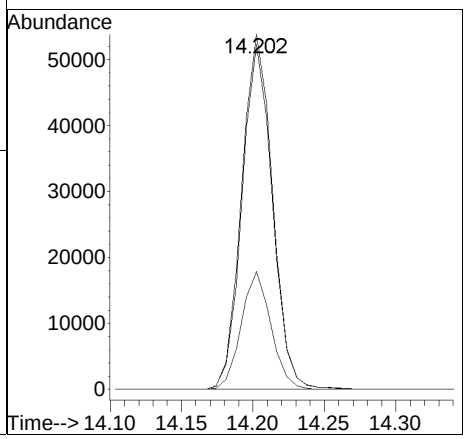




#111
1,2,3-Trichlorobenzene
Concen: 10.80 ug/L
RT: 14.202 min Scan# 1869
Delta R.T. 0.000 min
Lab File: V05250312A28.D
Acq: 12 Mar 2025 6:24 pm

Tgt Ion:180 Resp: 81087

Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.1	112.7
145	31.8	25.6	38.4

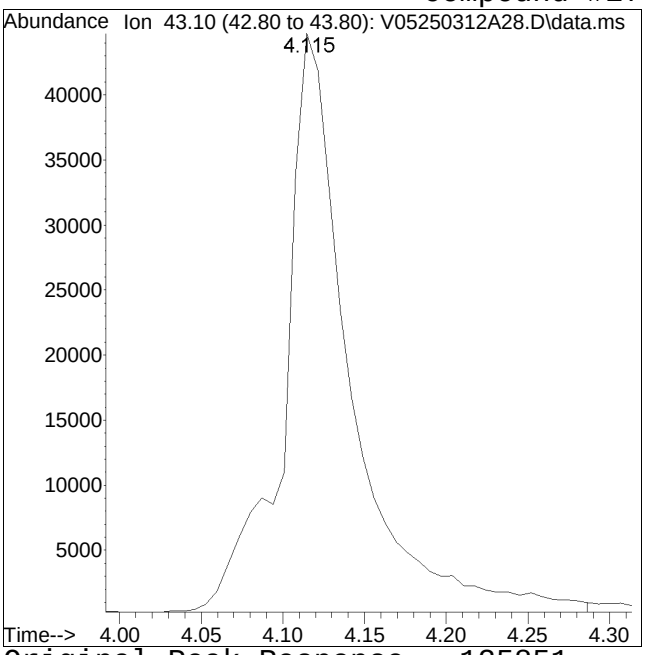


Manual Integration Report

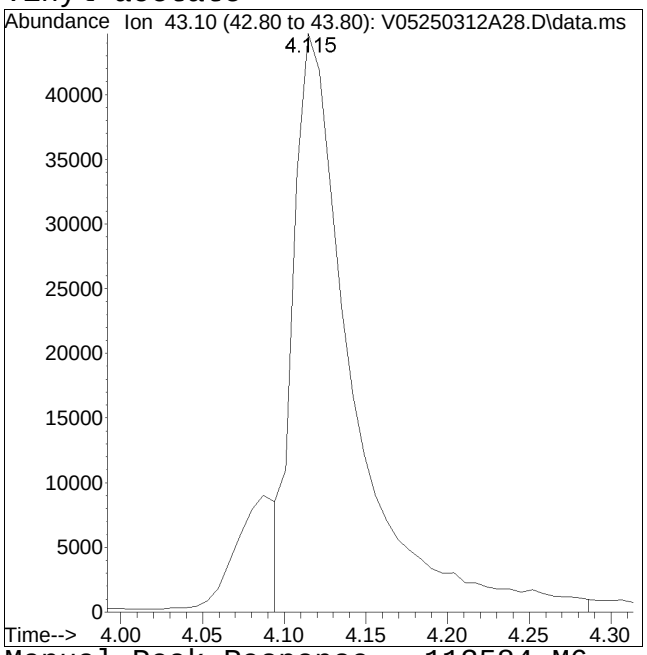
Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A28.D
Date Inj'd : 3/12/2025 6:24 pm
Sample : WG2039666-7,31,10,10,,a2

QMethod : V105_250220N_8260.m
Operator : VOA105:JIC
Instrument : VOA105
Quant Date : 3/13/2025 6:12 am

Compound #27: Vinyl acetate



Original Peak Response = 125851



Manual Peak Response = 113584 M6

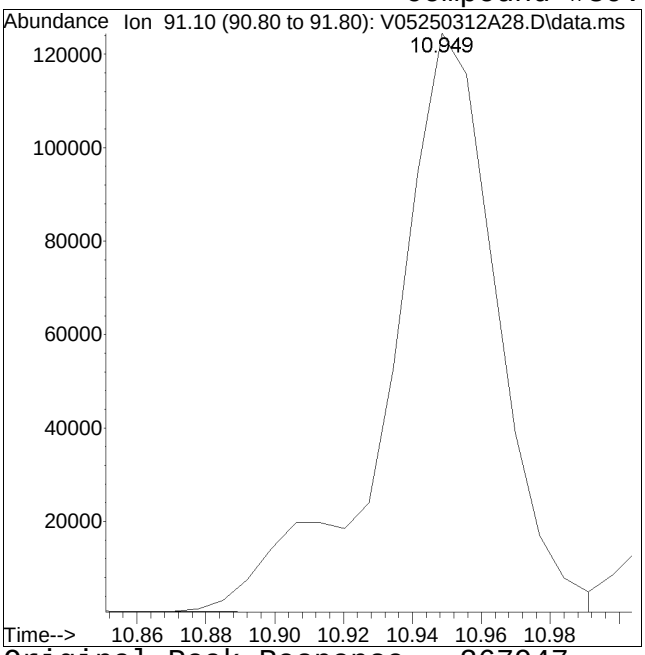
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

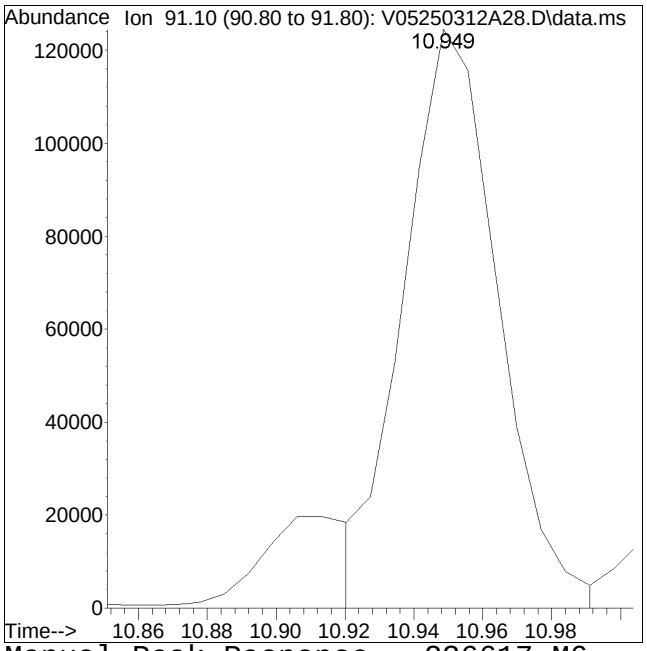
Data Path : K:\VOA105\2025\250312A\
Data File : V05250312A28.D
Date Inj'd : 3/12/2025 6:24 pm
Sample : WG2039666-7,31,10,10,,a2

QMethod : V105_250220N_8260.m
Operator : VOA105:JIC
Instrument : VOA105
Quant Date : 3/13/2025 6:12 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 267947



Manual Peak Response = 236617 M6

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

Calculation of Volatile Organic Compounds

Aqueous Concentration Formula: Amt * DF * Uf * (1/Vo)

Where:
DF = Dilution Factor
Vo = Sample Volume Purged (mL)
Uf = ng Unit Correction Factor (mL)

Soil Concentration Formula: Amt * DF * (1/Wt)

Where:
DF = Dilution Factor
Wt = Weight of Sample (g)

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Mar 13 2025, 04:04 pm

Work Group: WG2039666 for Department: 31 GC/MS - Volatiles

Created: 12-MAR-25 Due: Operator: mjv

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2511876-01	MW-1	S	NYSTARS-8260	WATER	DONE	U	0317	0311	S0	Vial-B
L2511946-04	MW-14	S	NYSTARS-8260	WATER	DONE	U	0318	0311	S0	Vial-B
L2511946-07	MW-22	S	NYSTARS-8260	WATER	DONE	U	0318	0311	S0	Vial-B
L2512223-01	MW-1	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512223-02	MW-3	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512223-03	MW-7	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512223-04	RW-1	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512223-05	DUP-GW-03052025	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512223-06	FB-03052025	S	NYTCL-8260	WATER	SENT	U	0319	0312	S0	Vial-B
L2512223-07	TB-03052025	S	NYTCL-8260	WATER	SENT	U	0318	0312	S0	Vial-B
L2512368-01	5A	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512368-02	5B	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512368-03	CLUSTER 5 TRIP BLANK	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512368-04	6A	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512368-05	6B	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512368-10	8A	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
WG2039666-1	MS BFB Tune Standard	S	NYSTARS-8260	WATER	DONE	U				
WG2039666-1	MS BFB Tune Standard	S	NYTCL-8260	WATER	DACQ	U				
WG2039666-2	Continuing Calibrati	S	NYTCL-8260	WATER	DACQ	U				
WG2039666-2	Continuing Calibrati	S	NYSTARS-8260	WATER	DONE	U				
WG2039666-3	Laboratory Control S	S	NYTCL-8260	WATER	DACQ	U				
WG2039666-3	Laboratory Control S	S	NYSTARS-8260	WATER	DONE	U				
WG2039666-4	LCS Duplicate	S	NYSTARS-8260	WATER	DONE	U				
WG2039666-4	LCS Duplicate	S	NYTCL-8260	WATER	DACQ	U				
WG2039666-5	Laboratory Method Bl	S	NYTCL-8260	WATER	DACQ	U				
WG2039666-5	Laboratory Method Bl	S	NYSTARS-8260	WATER	DONE	U				
WG2039666-6	Matrix Spike	S	NYTCL-8260	WATER	DONE	U				
WG2039666-6	Matrix Spike	S	NYSTARS-8260	WATER	DACQ	U				
WG2039666-7	Matrix Spike Duplica	S	NYSTARS-8260	WATER	DACQ	U				
WG2039666-7	Matrix Spike Duplica	S	NYTCL-8260	WATER	DONE	U				

Comments:

WG2039666-4	WG2039666-3
WG2039666-6	L2512368-10
WG2039666-7	L2512368-10

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Mar 13 2025, 04:04 pm

Work Group: WG2039675 for Department: 31 GC/MS - Volatiles

Created: 12-MAR-25 Due: Operator: PID

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2512218-03	RI-MW-8	C	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512227-01	BR-01 (030525)	S	NYTCL-8260-R2	WATER	DONE	U	0319	0312	S0	Vial-B
L2512227-02	BR-02 (030525)	S	NYTCL-8260-R2	WATER	DONE	U	0319	0312	S0	Vial-B
L2512227-03	BR-02 (030525) DUPLICATE	S	NYTCL-8260-R2	WATER	DONE	U	0319	0312	S0	Vial-B
L2512227-04	BR-03 (030525)	S	NYTCL-8260-R2	WATER	DONE	U	0319	0312	S0	Vial-B
L2512227-05	BR-13 (030525)	S	NYTCL-8260-R2	WATER	DONE	U	0319	0312	S0	Vial-B
L2512227-06	BR-15 (030525)	S	NYTCL-8260-R2	WATER	DONE	U	0319	0312	S0	Vial-B
L2512227-07	TRIP BLANK (030525)	S	NYTCL-8260-R2	WATER	DONE	U	0319	0312	S0	Vial-B
L2512368-19	DUP001	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512759-01	001	S	NYTCL-8260-BTEX	WATER	DONE	U	0319	0313	S0	Vial-B
WG2039675-1	MS BFB Tune Standard	S	NYTCL-8260-R2	WATER	DACQ	U				
WG2039675-1	MS BFB Tune Standard	S	NYTCL-8260-BTEX	WATER	DACQ	U				
WG2039675-1	MS BFB Tune Standard	S	NYTCL-8260	WATER	DONE	U				
WG2039675-2	Continuing Calibrati	S	NYTCL-8260	WATER	DONE	U				
WG2039675-2	Continuing Calibrati	S	NYTCL-8260-BTEX	WATER	DACQ	U				
WG2039675-2	Continuing Calibrati	S	NYTCL-8260-R2	WATER	DACQ	U				
WG2039675-3	Laboratory Control S	S	NYTCL-8260-R2	WATER	DACQ	U				
WG2039675-3	Laboratory Control S	S	NYTCL-8260-BTEX	WATER	DACQ	U				
WG2039675-3	Laboratory Control S	S	NYTCL-8260	WATER	DONE	U				
WG2039675-4	LCS Duplicate	S	NYTCL-8260-BTEX	WATER	DACQ	U				
WG2039675-4	LCS Duplicate	S	NYTCL-8260	WATER	DONE	U				
WG2039675-4	LCS Duplicate	S	NYTCL-8260-R2	WATER	DACQ	U				
WG2039675-5	Laboratory Method Bl	S	NYTCL-8260	WATER	DONE	U				
WG2039675-5	Laboratory Method Bl	S	NYTCL-8260-BTEX	WATER	DACQ	U				
WG2039675-5	Laboratory Method Bl	S	NYTCL-8260-R2	WATER	DACQ	U				
WG2039675-6	Matrix Spike	S	NYTCL-8260-R2	WATER	DACQ	U				
WG2039675-6	Matrix Spike	S	NYTCL-8260	WATER	DACQ	U				
WG2039675-6	Matrix Spike	S	NYTCL-8260-BTEX	WATER	DONE	U				
WG2039675-7	Matrix Spike Duplica	S	NYTCL-8260-R2	WATER	DACQ	U				
WG2039675-7	Matrix Spike Duplica	S	NYTCL-8260-BTEX	WATER	DONE	U				
WG2039675-7	Matrix Spike Duplica	S	NYTCL-8260	WATER	DACQ	U				

Comments:

WG2039675-4	WG2039675-3
WG2039675-6	L2512227-01
WG2039675-7	L2512227-01

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Mar 13 2025, 04:04 pm

Work Group: WG2039694 for Department: 31 GC/MS - Volatiles

Created: 12-MAR-25 Due: Operator: PID

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2512229-02	POST AIR STRIPPER (030525)	S	NYTCL-8260-R2	WATER	DONE	U	0319	0312	S0	Vial-B
L2512368-06	CLUSTER 6 TRIP BLANK	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512368-07	7A	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512368-08	7B	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512368-09	CLUSTER 7 TRIP BLANK	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512368-11	8B	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512368-12	CLUSTER 8 TRIP BLANK	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512368-13	9A	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512368-14	9B	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512368-15	CLUSTER 9 TRIP BLANK	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512368-16	10A	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512368-17	10B	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512369-01	MW-2	S	NYTCL-8260	WATER	DONE	U	0318	0312	S0	Vial-B
L2512369-02	MW-3	S	NYTCL-8260	WATER	DONE	U	0318	0312	S0	Vial-B
L2512369-03	MW-4	S	NYTCL-8260	WATER	DONE	U	0318	0312	S0	Vial-B
WG2039694-1	MS BFB Tune Standard	S	NYTCL-8260	WATER	DONE	U				
WG2039694-1	MS BFB Tune Standard	S	NYTCL-8260-R2	WATER	DONE	U				
WG2039694-2	Continuing Calibrati	S	NYTCL-8260	WATER	DONE	U				
WG2039694-2	Continuing Calibrati	S	NYTCL-8260-R2	WATER	DONE	U				
WG2039694-3	Laboratory Control S	S	NYTCL-8260-R2	WATER	DACQ	U				
WG2039694-3	Laboratory Control S	S	NYTCL-8260	WATER	DONE	U				
WG2039694-4	LCS Duplicate	S	NYTCL-8260-R2	WATER	DACQ	U				
WG2039694-4	LCS Duplicate	S	NYTCL-8260	WATER	DONE	U				
WG2039694-5	Laboratory Method Bl	S	NYTCL-8260	WATER	DONE	U				
WG2039694-5	Laboratory Method Bl	S	NYTCL-8260-R2	WATER	DACQ	U				

Comments:

WG2039694-4 WG2039694-3

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Mar 13 2025, 04:04 pm

Work Group: WG2039699 for Department: 31 GC/MS - Volatiles

Created: 12-MAR-25 Due: Operator: PID

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2511898-06	MW-03_20250305	S	NYTCL-8260	WATER	DONE	U	0319	0313	S0	Vial-B
L2512368-18	CLUSTER 10 TRIP BLANK	S	NYTCL-8260	WATER	DONE	U	0319	0312	S0	Vial-B
L2512370-05	GW-2R	S	NYTCL-8260	WATER	DONE	U	0318	0312	S0	Vial-B
L2512370-06	DUP_250304	S	NYTCL-8260	WATER	DONE	U	0318	0312	S0	Vial-B
L2512370-07	FB_250304	S	NYTCL-8260	WATER	DONE	U	0318	0312	S0	Vial-B
L2512568-01	GW-TS-8	C	NYTCL-8260	WATER	DONE	U	0320	0313	S0	Vial-B
L2512607-01	MW-4S	S	NYTCL-8260	WATER	DONE	U	0320	0313	S0	Vial-B
L2512607-02	MW-4D2	S	NYTCL-8260	WATER	DONE	U	0320	0313	S0	Vial-B
L2512607-03	MW-12S	S	NYTCL-8260	WATER	DONE	U	0320	0313	S0	Vial-B
L2512607-04	MW-12D	S	NYTCL-8260	WATER	DONE	U	0320	0313	S0	Vial-B
L2512607-05	SCDOH_DR	S	NYTCL-8260	WATER	DONE	U	0320	0313	S0	Vial-B
L2512769-01	PT-MW01_030625	S	NYTCL-8260	WATER	DONE	U	0320	0313	S0	Vial-B
L2512769-02	PT-MW02_030625	S	NYTCL-8260	WATER	DONE	U	0320	0313	S0	Vial-B
L2512769-03	PT-MW03_030625	S	NYTCL-8260	WATER	DONE	U	0320	0313	S0	Vial-B
L2512769-04	MW-27_030625	S	NYTCL-8260	WATER	DONE	U	0320	0313	S0	Vial-B
L2512769-05	GWFB01_030625	S	NYTCL-8260	WATER	SENT	U	0320	0313	S0	Vial-B
L2512769-06	GWTB01_030625	S	NYTCL-8260	WATER	DONE	U	0320	0313	S0	Vial-B
L2512769-07	GWDUP_030625	S	NYTCL-8260	WATER	DONE	U	0320	0313	S0	Vial-B
WG2039699-1	MS BFB Tune Standard	S	NYTCL-8260	WATER	DONE	U				
WG2039699-2	Continuing Calibrati	S	NYTCL-8260	WATER	DONE	U				
WG2039699-3	Laboratory Control S	S	NYTCL-8260	WATER	DONE	U				
WG2039699-4	LCS Duplicate	S	NYTCL-8260	WATER	DONE	U				
WG2039699-5	Laboratory Method Bl	S	NYTCL-8260	WATER	DONE	U				
WG2039699-6	Matrix Spike	S	NYTCL-8260	WATER	DONE	U				
WG2039699-7	Matrix Spike Duplica	S	NYTCL-8260	WATER	DONE	U				

Comments:

WG2039699-4	WG2039699-3
WG2039699-6	L2512769-02
WG2039699-7	L2512769-02

Method

Inst: VOA101 BFB: V10950 GC: 8260

Initials: TMS IS/SS: V10951 Autosampler: 8260water

Date: **02/08/25** ICAL: V10925C,V10941 Concentrator: 8260water

Run: **A** ICV: V10953,V10926,V10954,V10927,V10928,V10929 QC: _____ Seq: _____

Vial	DATA FILE	SAMPLE	
1	V01250208ABF1	BFB TUNE	
1	V01250208A01	BLK	
2	V01250208A02	BLK	
3	V01250208A03	I8260STD0.19PPB	
4	V01250208A04	I8260STD0.19PPB	
5	V01250208A05	I8260STD0.5PPB	
6	V01250208A06	I8260STD0.5PPB	
7	V01250208A07	I8260STD2PPB	
8	V01250208A08	I8260STD2PPB	
9	V01250208A09	I8260STD10PPB	
10	V01250208A10	I8260STD30PPB	
11	V01250208A11	I8260STD80PPB	
12	V01250208A12	I8260STD120PPB	
13	V01250208A13	I8260STD200PPB	
14	V01250208A14	BLK	
15	V01250208A15	BLK	
16	V01250208A16	BLK	
17	V01250208A17	BLK	
18	V01250208A18	C8260STD10PPB	
19	V01250208A19	C8260STD10PPB	
20	V01250208A20	BLK	
21	V01250208A21	METHOD BLK	
22	V01250208A22	MDL 0.19PPB	
23	V01250208A23	MDL 0.19PPB	
24	V01250208A24	MDL 0.5PPB	
25	V01250208A25	MDL 0.5PPB	
26	V01250208A26	MDL 2PPB	
27	V01250208A27	MDL 2PPB	
28	V01250208A28	BLK	

Method

Inst: VOA122 BFB: V10950 GC: 8260

Initials: PID IS/SS: V10951 Autosampler: 8260water

Date: **02/14/25** ICAL: V10959B, V10960 Concentrator: 8260 v122

Run **B** ICV: V10953, V10926, V10954, V10927, V10928, V10929 QC:_____ Seq:_____

Vial	Data File	Sample	pH<2
1	V22250214BBF1	BFB TUNE 11:32	
1	V22250214B01	BLK	
2	V22250214B02	BLK	
3	V22250214B03	I8260STD0.19PPB	
4	V22250214B04	I8260STD0.5PPB	
5	V22250214B05	I8260STD0.5PPB	
6	V22250214B06	I8260STD2.0PPB	
7	V22250214B07	I8260STD2.0PPB	
8	V22250214B08	I8260STD10PPB	
9	V22250214B09	I8260STD30PPB	
10	V22250214B10	I8260STD80PPB	
11	V22250214B11	I8260STD120PPB	
12	V22250214B12	I8260STD200PPB	
13	V22250214B13	BLK	
14	V22250214B14	BLK	
15	V22250214B15	BLK	
16	V22250214B16	BLK	
17	V22250214B17	C8260STD10PPB	
18	V22250214B18	C8260STD10PPB	
19	V22250214B19	BLK	
20	V22250214B20	BLK	
21	V22250214B21	MDL METHOD BLK	
22	V22250214B22	MDL L11	
23	V22250214B23	MDL L11	
24	V22250214B24	MDL L11	
25	V22250214B25	BLK	

Method

Inst: VOA105 BFB: V10950 GC: 8260

Initials: TMS IS/SS: V10966 Autosampler: 8260wate

Date: **02/20/25** ICAL: V10972A,V10970 Concentrator: 8260

Run: **N** ICV: V10953,V10926,V10954,V10927,V10928,V10929 QC:_____ Seq:_____

Vial	Data File	Sample	
1	V05250220NBF1	BFB TUNE	
1	V05250220N01	BLK	
2	V05250220N02	BLK	
3	V05250220N03	I8260STD0.19PPB	
4	V05250220N04	I8260STD0.19PPB	
5	V05250220N05	I8260STD0.5PPB	
6	V05250220N06	I8260STD0.5PPB	
7	V05250220N07	I8260STD2PPB	
8	V05250220N08	I8260STD2PPB	
9	V05250220N09	I8260STD10PPB	
10	V05250220N10	I8260STD30PPB	
11	V05250220N11	I8260STD80PPB	
12	V05250220N12	I8260STD120PPB	
13	V05250220N13	I8260STD200PPB	
14	V05250220N14	BLK	
15	V05250220N15	BLK	
16	V05250220N16	BLK	
17	V05250220N17	BLK	
18	V05250220N18	C8260STD10PPB	
19	V05250220N19	C8260STD10PPB	
20	V05250220N20	BLK	
21	V05250220N21	BLK	
22	V05250220N22	METHOD BLK	
23	V05250220N23	MDL 0.19PPB	
24	V05250220N24	MDL 0.19PPB	
25	V05250220N25	MDL 0.19PPB	
26	V05250220N26	MDL 0.5PPB	
27	V05250220N27	MDL 2PPB	
28	V05250220N28	BLK	
29	V05250220N29	BLK	
30	V05250220N30	BLK	
31	V05250220N31	BLK	
32	V05250220N32	BLK	

Inst: Elaine
Initials: TMS
Date: **02/20/25**
Run: **N**

BFB: V10950
IS/SS: V10951
ICAL: V10972A,V10970
ICV: V10953,V10926,V10954,V10927,V10928,V10929

Method
GC: 8260-SPLIT
Autosampler: 8260
Concentrator: 8260

QC:_____ Seq:_____

Vial	Data File	Sample	obs
1	VE250220NBF1	BFB TUNE	
1	VE250220N01	NO SAMPLE	
2	VE250220N02	BLK	
3	VE250220N03	BLK	
4	VE250220N04	I8260STD0.19PPB	
5	VE250220N05	I8260STD0.19PPB	
6	VE250220N06	I8260STD0.5PPB	
7	VE250220N07	I8260STD0.5PPB	
8	VE250220N08	I8260STD2PPB	
9	VE250220N09	I8260STD2PPB	
10	VE250220N10	I8260STD10PPB	
11	VE250220N11	I8260STD30PPB	
12	VE250220N12	I8260STD80PPB	
13	VE250220N13	I8260STD120PPB	
14	VE250220N14	I8260STD200PPB	
15	VE250220N15	BLK	
16	VE250220N16	BLK	
17	VE250220N17	BLK	
18	VE250220N18	BLK	
19	VE250220N19	C8260STD10PPB	
20	VE250220N20	C8260STD10PPB	
21	VE250220N21	BLK	
22	VE250220N22	BLK	
23	VE250220N23	METHOD BLK	
24	VE250220N24	MDL 0.19PPB	
25	VE250220N25	MDL 0.19PPB	
26	VE250220N26	MDL 0.19PPB	
27	VE250220N27	MDL 0.5PPB	
28	VE250220N28	MDL 2PPB	
29	VE250220N29	BLK	
30	VE250220N30	BLK	
31	VE250220N31	BLK	
32	VE250220N32	BLK	
33	VE250220N33	BLK	

Inst: VOA105 BFB: V10998 Method GC: 8260
Initials: MJV IS/SS: V10991 Autosampler: 8260wate
Date: **03/12/25** ICAL: V10972C,V11001 Concentrator: 8260
Run: **A** QC:_____ Seq:_____

Vial	Data File	Sample		
1	V05250312ABF1	BFB TUNE 06:42		
1	V05250312A01	8260 CCAL LCS		
2	V05250312A02	8260 CCAL LCSD		
3	V05250312A03	8260 CCAL		
4	V05250312A04	BLK		
5	V05250312A05	METHOD BLK		
6	V05250312A06	I2511726-04,31,10,10,,c	NJ/15/TBA	pH<2
7	V05250312A07	I2512106-05d,31,1.0,10,,c	NJ/ACE	pH<2
8	V05250312A08	I2512106-06d2,31,0.2,10,,c	NJ/ACE	pH<2
9	V05250312A09	I2511876-01,31,10,10,,c	NY STARS	pH<2
10	V05250312A10	I2511876-04d2,31,0.05,10,,c	NY/BTEX,MTBE,124TMB	pH<2
11	V05250312A11	I2511946-04d,31,2.0,10,,c	NY/124TMB	pH<2
12	V05250312A12	I2511946-07d,31,1.0,10,,c	NY STARS	pH<2
13	V05250312A13	d STD BENZ		
14	V05250312A14	I2512223-01,31,10,10,,a	NYTCL	pH<2
15	V05250312A15	I2512223-02,31,10,10,,a	NYTCL	pH<2
16	V05250312A16	I2512223-03,31,10,10,,a	NYTCL	pH<2
17	V05250312A17	I2512223-04,31,10,10,,a	NYTCL	pH<2
18	V05250312A18	I2512223-05,31,10,10,,a	NYTCL	pH<2
19	V05250312A19	I2512223-06,31,10,10,,a	NYTCL FB	pH<2
20	V05250312A20	I2512223-07,31,10,10,,a	NYTCL TB	pH<2
21	V05250312A21	I2512368-01,31,10,10,,a	NYTCL	pH<2
22	V05250312A22	I2512368-02,31,10,10,,a	NYTCL	pH<2
23	V05250312A23	I2512368-03,31,10,10,,a	NYTCL TB	pH<2
24	V05250312A24	I2512368-04,31,10,10,,a	NYTCL	pH<2
25	V05250312A25	I2512368-05,31,10,10,,a	NYTCL	pH<2
26	V05250312A26	I2512368-10,31,10,10,,a	NYTCL	pH<2
27	V05250312A27	I2512368-10MS,31,10,10,,a1	NYTCL	pH<2
28	V05250312A28	I2512368-10MSD,31,10,10,,a2	NYTCL	pH<2
29	V05250312A29	HBM		
30	V05250312A30	BLK		
31	V05250312A31	BLK		

Inst: VOA101 BFB: V10998 Method GC: 8260
Initials: PID IS/SS: V10991 Autosampler: 8260water
Date: **03/12/25** ICAL: V10972C,V11001 Concentrator: 8260water
Run: **A** QC: _____ Seq:

Vial	DATA FILE	SAMPLE			
1	V01250312ABF1	BFB TUNE 07:14			
1	V01250312A01	8260 CCAL LCS			
2	V01250312A02	8260 CCAL LCSD			
3	V01250312A03	8260 CCAL			
4	V01250312A04	BLK			
5	V01250312A05	METHOD BLK			
6	V01250312A06	L2512218-03,31,10,10,,C	NYTCL/10		pH<2
7	V01250312A07	L2512368-19,31,10,10,,A	NYTCL		pH<2
8	V01250312A08	L2512210-08,31,10,10,,F	NJ/15	FB, CONF RUN	pH<2
9	V01250312A09	I2512210-04D,31,0.1,10,,f	NJ/15		pH<2
10	V01250312A10	I2512210-03D2,31,0.005,10,,f	NJ/VC		pH<2
11	V01250312A11	D6			
12	V01250312A12	L2512544-04,31,10,10,,A	NJ/15		pH<2
13	V01250312A13	L2512544-03,31,10,10,,A	NJ/15		pH<2
14	V01250312A14	L2512759-01,31,10,10,,A	NY/BTEX		pH<2
15	V01250312A15	L2512544-02,31,10,10,,A	NJ/15		pH<2
16	V01250312A16	L2512544-01,31,10,10,,A	NJ/15		pH<2
17	V01250312A17	L2512544-05,31,10,10,,A	NJ/15	FB, CONF RUN	pH<2
18	V01250312A18	L2512544-06,31,10,10,,A	NJ/15	TB	pH<2
19	V01250312A19	L2512227-07,31,10,10,,A	NY/R2	TB	pH<2
20	V01250312A20	L2512227-06,31,10,10,,A	NY/R2		pH<2
21	V01250312A21	L2512227-04,31,10,10,,A	NY/R2		pH<2
22	V01250312A22	I2512227-01D,31,4.0,10,,a	NY/R2		pH<2
23	V01250312A23	I2512227-02D,31,1.0,10,,a	NY/R2		pH<2
24	V01250312A24	I2512227-03D,31,1.0,10,,a	NY/R2		pH<2
25	V01250312A25	I2512227-05D,31,4.0,10,,a	NY/R2		pH<2
26	V01250312A26	I2512227-01MS,31,4.0,10,,a1	NY/R2		pH<2
27	V01250312A27	I2512227-01MSD,31,4.0,10,,a1	NY/R2		pH<2
28	V01250312A28	HBM			
29	V01250312A29	BLK			
30	V01250312A30	BLK			

Inst: VOA122 BFB: V10998 Method GC: 8260
Initials: MJV IS/SS: V10991 Autosampler: 8260water
Date: **03/12/25** ICAL: V10972C,V11001,V10968 Concentrator: 8260 v122
Run **A** QC:_____ Seq:_____

Vial	Data File	Sample			
1	V22250312ABF1	BFB TUNE	06:44		
1	V22250312A01	SIM VC CCAL	QC FAILS		
2	V22250312A02	SIM VC CCAL	QC FAILS		
3	V22250312A03	SIM VC CCAL	QC FAILS		
4	V22250312A04	8260 CCAL	LCS		
5	V22250312A05	8260 CCAL	LCSD		
6	V22250312A06	8260 CCAL			
7	V22250312A07	BLK			
8	V22250312A08	METHOD BLK			
9	V22250312A09	L2512735-03,31,10,10,,A		ME8260CURVE/RF	pH<2
10	V22250312A10	L2512740-04,31,10,10,,A		OH/BTEX	pH<2
11	V22250312A11	L2512316-06,31,10,10,,A		PA8260CURVE FB	pH<2
12	V22250312A12	L2512316-07,31,10,10,,A		PA8260CURVE TB	pH<2
13	V22250312A13	L2512229-02,31,10,10,,A		NY/R2	pH<2
14	V22250312A14	l2512369-01D,31,2.0,10,,a		NYTCL	pH<2
15	V22250312A15	l2512369-02D,31,1.0,10,,a		NYTCL	pH<2
16	V22250312A16	l2512369-03D,31,2.0,10,,a		NYTCL	pH<2
17	V22250312A17	d STD BENZ			
18	V22250312A18	L2512368-06,31,10,10,,A		NYTCL TB	pH<2
19	V22250312A19	L2512368-07,31,10,10,,A		NYTCL	pH<2
20	V22250312A20	L2512368-08,31,10,10,,A		NYTCL	pH<2
21	V22250312A21	L2512368-09,31,10,10,,A		NYTCL TB	pH<2
22	V22250312A22	L2512368-11,31,10,10,,A		NYTCL	pH<2
23	V22250312A23	L2512368-12,31,10,10,,A		NYTCL TB	pH<2
24	V22250312A24	L2512368-13,31,10,10,,A		NYTCL	pH<2
25	V22250312A25	L2512368-14,31,10,10,,A		NYTCL	pH<2
26	V22250312A26	L2512368-15,31,10,10,,A		NYTCL TB	pH<2
27	V22250312A27	L2512368-16,31,10,10,,A		NYTCL	pH<2
28	V22250312A28	L2512368-17,31,10,10,,A		NYTCL	pH<2
29	V22250312A29	HBM			
30	V22250312A30	BLK			
31	V22250312A31	BLK			

Inst: Elaine
Initials: PID
Date: **03/12/25**
Run: **A**

BFB: V10998
IS/SS: V10987
ICAL: V10972C,V11001

Method
GC: 8260-SPLIT
Autosampler: 8260
Concentrator: 8260

QC:_____ Seq:_____

Vial	Data File	Sample			obs
1	VE250312ABF1	BFB TUNE 09:13			
1	VE250312A01	8260 CCAL LCS			
2	VE250312A02	8260 CCAL LCSD			
3	VE250312A03	8260 CCAL			
4	VE250312A04	BLK			
5	VE250312A05	METHOD BLK			
6	VE250312A06	L2512368-18,31,10,10,,A	NYTCL	TB	pH<2
7	VE250312A07	L2512370-07,31,10,10,,C	NYTCL	FB,CONF RUN	pH<2
8	VE250312A08	L2512370-08,31,10,10,,B	NYTCL	TB,CONF RUN	pH<2
9	VE250312A09	L2512370-05D,31,2.0,10,,C	NY/2BUT		pH<2
10	VE250312A10	L2512370-06D,31,2.0,10,,C	NY/2BUT		pH<2
11	VE250312A11	D6			
12	VE250312A12	L2511898-06,31,10,10,,A	NYTCL		pH<2
13	VE250312A13	L2513790-02,31,10,10,,A	NYTCL	TB	pH<2
14	VE250312A14	L2512607-01,31,10,10,,A	NYTCL		pH<2
15	VE250312A15	L2512607-02,31,10,10,,A	NYTCL		pH<2
16	VE250312A16	L2512607-03,31,10,10,,A	NYTCL		pH<2
17	VE250312A17	L2512607-04,31,10,10,,A	NYTCL		pH<2
18	VE250312A18	L2512607-05,31,10,10,,A	NYTCL		pH<2
19	VE250312A19	L2512568-01,31,10,10,,A	NYTCL/10		pH<2
20	VE250312A20	L2512769-05,31,10,10,,A	NYTCL	FB	pH<2
21	VE250312A21	L2512769-06,31,10,10,,A	NYTCL	TB	pH<2
22	VE250312A22	L2512769-01,31,10,10,,A	NYTCL		pH<2
23	VE250312A23	L2512769-03,31,10,10,,A	NYTCL		pH<2
24	VE250312A24	L2512769-04,31,10,10,,A	NYTCL		pH<2
25	VE250312A25	L2512769-07,31,10,10,,A	NYTCL		pH<2
26	VE250312A26	L2512769-02D,31,5.0,10,,A	NYTCL		pH<2
27	VE250312A27	L2512769-02MS,31,5.0,10,,B	NYTCL		pH<2
28	VE250312A28	L2512769-02MSD,31,5.0,10,,B	NYTCL		pH<2
29	VE250312A29	HBM			
30	VE250312A30	BLK			
31	VE250312A31	BLK			